

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066516.D
 Acq On : 02 Sep 2020 11:49
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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 9/3/2020 4:57:11 PM

Quant Time: Sep 02 14:14:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 14:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	177496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	240046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	220150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	117152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	17173	9.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.00%	
35) Dibromofluoromethane	7.91	113	13630	9.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.88%	
50) Toluene-d8	10.34	98	50952	9.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.80%	
62) 4-Bromofluorobenzene	12.63	95	19567	10.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	16257	10.736	ug/l	99
3) Chloromethane	2.21	50	9042	9.933	ug/l #	85
4) Vinyl Chloride	2.35	62	11842	10.668	ug/l	99
5) Bromomethane	2.77	94	9235	10.179	ug/l	93
6) Chloroethane	2.91	64	8075	10.812	ug/l	95
7) Trichlorofluoromethane	3.27	101	34636	10.236	ug/l	100
8) Diethyl Ether	3.70	74	6478	10.214	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	14209	10.083	ug/l	98
10) Methyl Iodide	4.30	142	13776	8.816	ug/l	97
11) Tert butyl alcohol	5.20	59	8030m	57.742	ug/l	
12) 1,1-Dichloroethene	4.07	96	13018	9.830	ug/l #	84
13) Acrolein	3.92	56	3223	51.982	ug/l	86
14) Allyl chloride	4.71	41	14254	9.629	ug/l	97
15) Acrylonitrile	5.42	53	12194	53.615	ug/l	92
16) Acetone	4.16	43	14435	51.132	ug/l #	82
17) Carbon Disulfide	4.40	76	38787	10.135	ug/l	99
18) Methyl Acetate	4.71	43	4594	10.125	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	33564	9.713	ug/l	96
20) Methylene Chloride	4.97	84	18005	10.928	ug/l #	94
21) trans-1,2-Dichloroethene	5.47	96	14645	9.668	ug/l #	85
22) Diisopropyl ether	6.36	45	30310	10.216	ug/l #	96
23) Vinyl Acetate	6.30	43	94823	49.714	ug/l	97
24) 1,1-Dichloroethane	6.27	63	23887	10.251	ug/l	95
25) 2-Butanone	7.20	43	14513	49.669	ug/l	95
26) 2,2-Dichloropropane	7.20	77	30950	10.483	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	16310	9.929	ug/l	98
28) Bromochloromethane	7.54	49	5908	8.764	ug/l #	95
29) Tetrahydrofuran	7.57	42	7160	47.668	ug/l	89
30) Chloroform	7.71	83	30480	10.130	ug/l	96
31) Cyclohexane	7.98	56	21684	10.771	ug/l #	83
32) 1,1,1-Trichloroethane	7.90	97	33887	10.113	ug/l	96
36) 1,1-Dichloropropene	8.11	75	21069	10.013	ug/l	98
37) Ethyl Acetate	7.29	43	7482	11.845	ug/l #	95
38) Carbon Tetrachloride	8.09	117	32846	10.247	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	26034	10.590	ug/l	89
40) Benzene	8.35	78	54048	9.957	ug/l	98
41) Methacrylonitrile	7.53	41	3726	10.361	ug/l #	73
42) 1,2-Dichloroethane	8.42	62	23611	10.282	ug/l	98
43) Isopropyl Acetate	8.44	43	13254	10.017	ug/l	98
44) Trichloroethene	9.11	130	19126	10.208	ug/l	94
45) 1,2-Dichloropropane	9.38	63	10531	9.778	ug/l	88
46) Dibromomethane	9.47	93	7405	9.391	ug/l	88
47) Bromodichloromethane	9.66	83	23064	9.842	ug/l	100
48) Methyl methacrylate	9.45	41	6808	10.096	ug/l	93
49) 1,4-Dioxane	9.45	88	1818	197.158	ug/l #	74
51) 4-Methyl-2-Pentanone	10.22	43	29553	48.573	ug/l	95
52) Toluene	10.40	92	38205	9.895	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	21596	10.086	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	22992	10.193	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	10124	10.161	ug/l	91
56) Ethyl methacrylate	10.66	69	11912	10.159	ug/l	94
57) 1,3-Dichloropropane	10.95	76	16662	10.127	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	24066	52.578	ug/l	94
59) 2-Hexanone	10.98	43	23154	52.693	ug/l	96
60) Dibromochloromethane	11.14	129	16486	10.006	ug/l	99
61) 1,2-Dibromoethane	11.24	107	10251	10.094	ug/l	93
64) Tetrachloroethene	10.87	164	17602	10.255	ug/l	94
65) Chlorobenzene	11.67	112	43535	10.051	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.74	131	18637	10.170	ug/l	97
67) Ethyl Benzene	11.74	91	78306	10.263	ug/l	96
68) m/p-Xylenes	11.85	106	58645	19.866	ug/l	97
69) o-Xylene	12.18	106	27478	9.827	ug/l	100
70) Styrene	12.19	104	49854	10.414	ug/l	95
71) Bromoform	12.36	173	9632	9.583	ug/l #	86
73) Isopropylbenzene	12.48	105	80115	10.234	ug/l	99
74) N-amyl acetate	12.29	43	12040	10.200	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	10013	10.825	ug/l	91
76) 1,2,3-Trichloropropane	12.78	75	7480m	10.109	ug/l	
77) Bromobenzene	12.76	156	20352	10.245	ug/l	97
78) n-propylbenzene	12.83	91	85186	9.986	ug/l	100
79) 2-Chlorotoluene	12.91	91	49072	9.942	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	69830	10.260	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.53	75	3379	10.210	ug/l	90
82) 4-Chlorotoluene	13.01	91	53036	10.004	ug/l	99
83) tert-Butylbenzene	13.23	119	58135	9.739	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	69499	10.210	ug/l	99
85) sec-Butylbenzene	13.40	105	78455	10.374	ug/l	98
86) p-Isopropyltoluene	13.52	119	77200	10.213	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	38361	10.412	ug/l	94
88) 1,4-Dichlorobenzene	13.60	146	37753	10.129	ug/l	95
89) n-Butylbenzene	13.84	91	65479	10.342	ug/l	95
90) Hexachloroethane	14.11	117	14586	10.753	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	31773	9.915	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2307	9.430	ug/l	86

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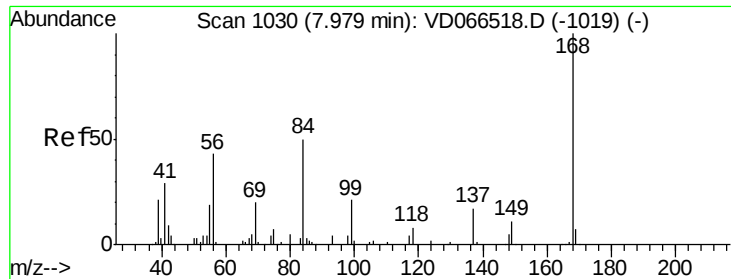
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	25524	10.091	ug/l	99
94) Hexachlorobutadiene	15.27	225	16066	9.798	ug/l	97
95) Naphthalene	15.41	128	38815	9.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	21378	9.781	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 177496

Ion Ratio Lower Upper

168 100

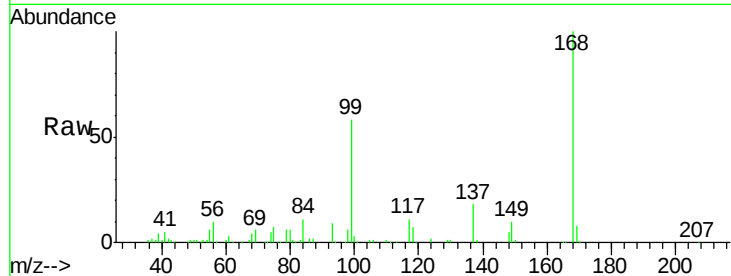
99 58.0 45.1 67.7

Manual Integrations

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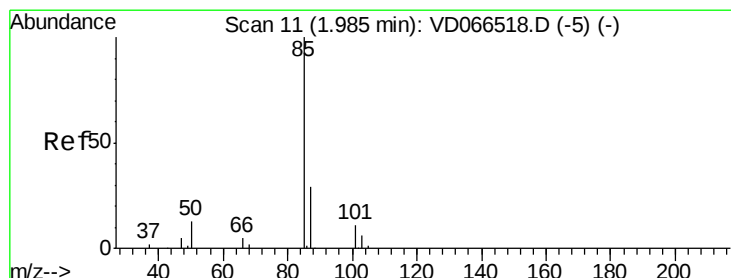
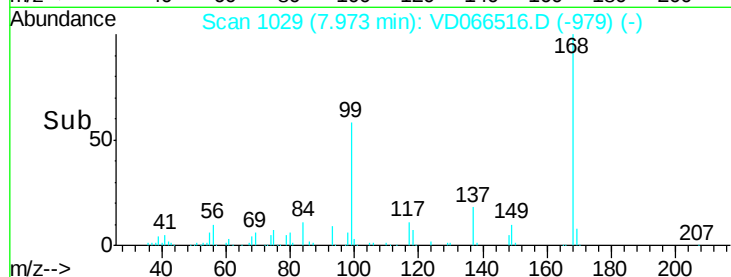
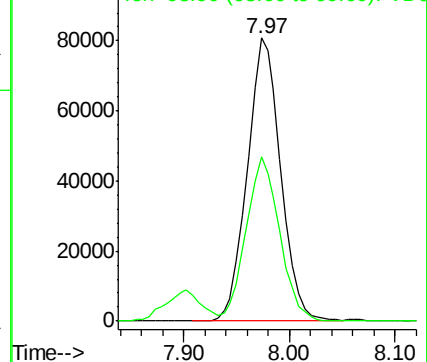
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 10.736 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066516.D

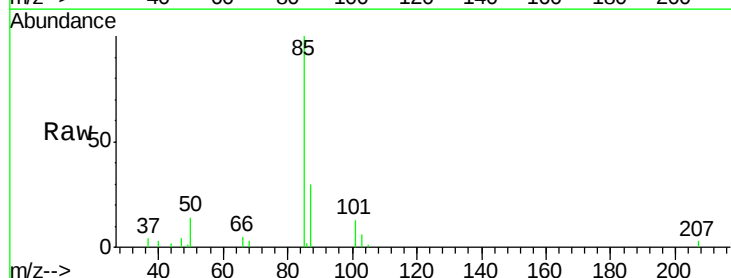
Acq: 02 Sep 2020 11:49

Tgt Ion: 85 Resp: 16257

Ion Ratio Lower Upper

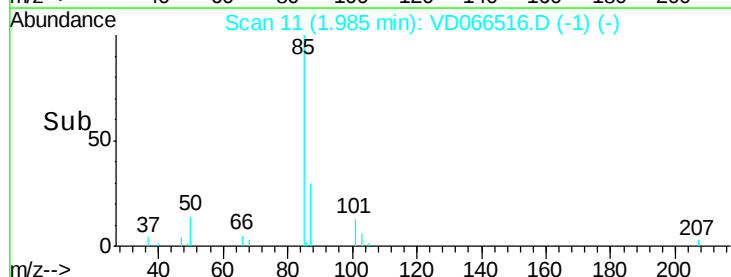
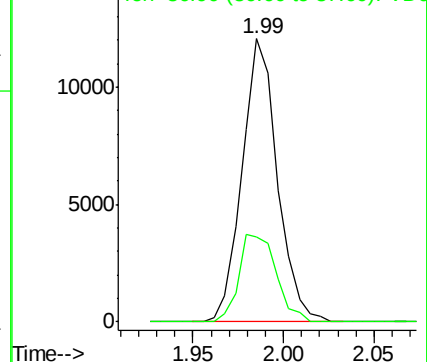
85 100

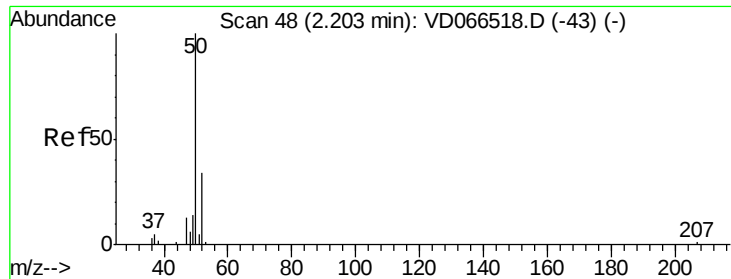
87 30.0 14.6 44.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 9.933 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 9042

Ion Ratio Lower Upper

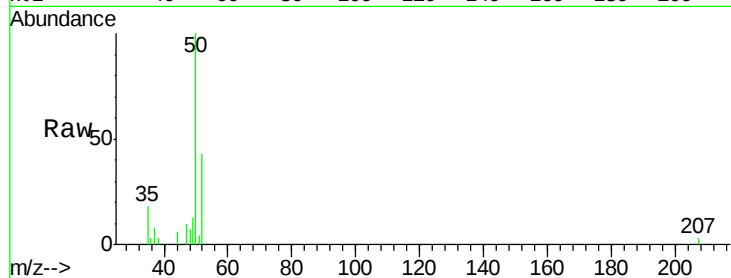
50 100

52 43.3 27.6 41.4#

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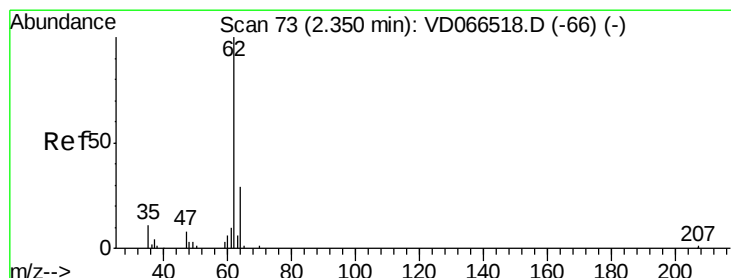
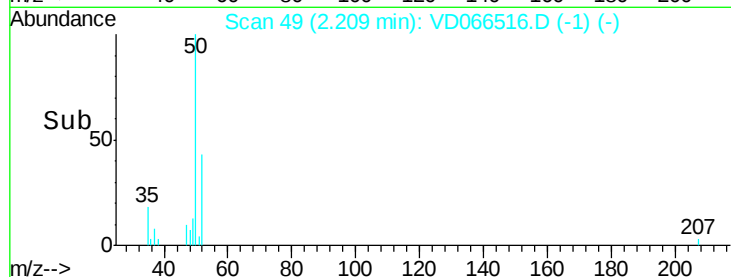
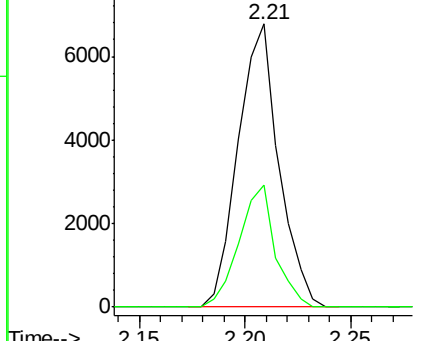
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 10.668 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066516.D

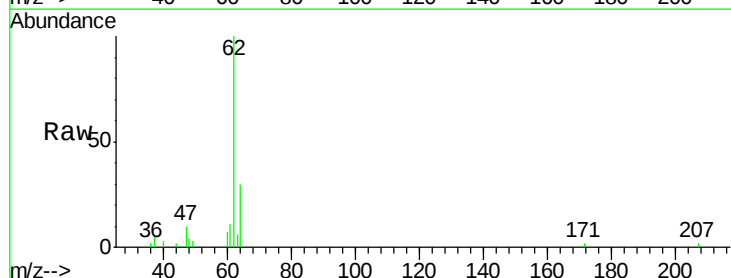
Acq: 02 Sep 2020 11:49

Tgt Ion: 62 Resp: 11842

Ion Ratio Lower Upper

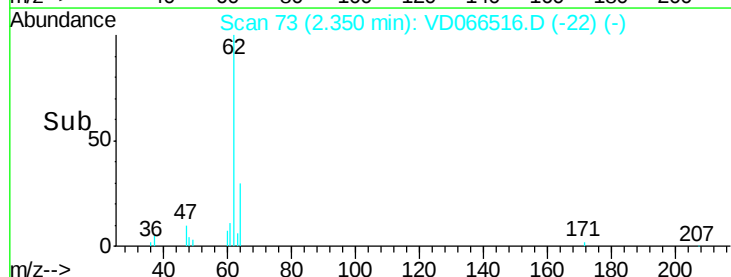
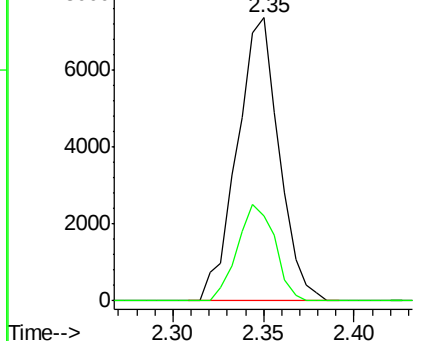
62 100

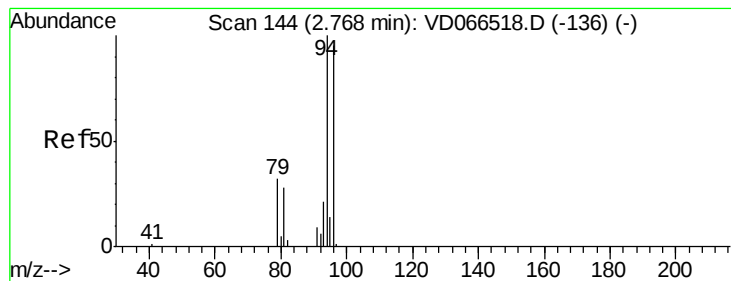
64 29.9 23.4 35.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 10.179 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 9235

Ion Ratio Lower Upper

94 100

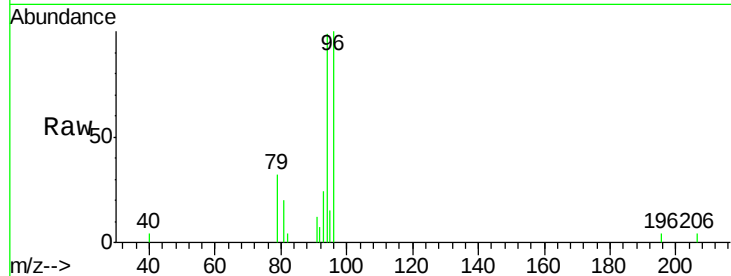
96 101.2 75.8 113.8

Manual Integrations

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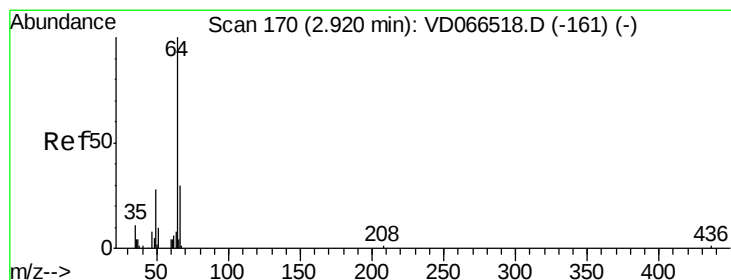
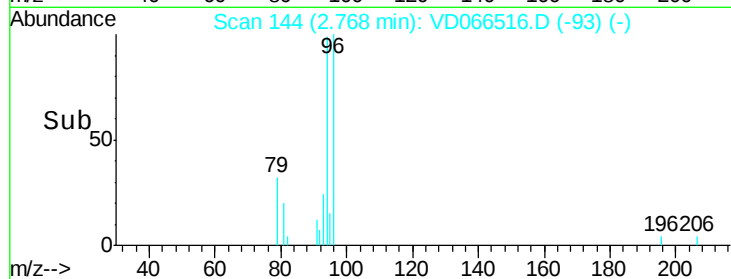
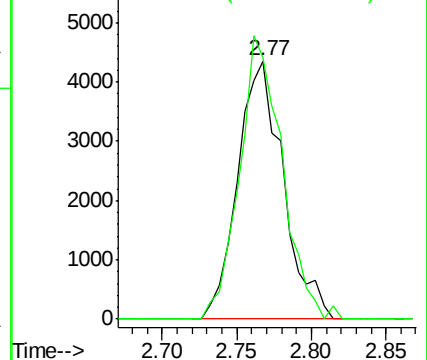
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 10.812 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066516.D

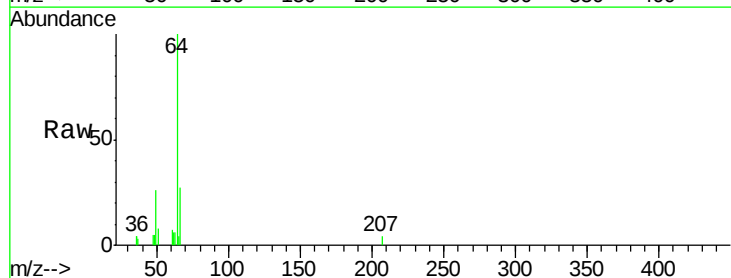
Acq: 02 Sep 2020 11:49

Tgt Ion: 64 Resp: 8075

Ion Ratio Lower Upper

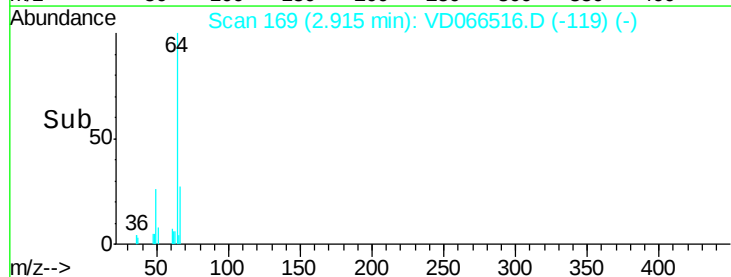
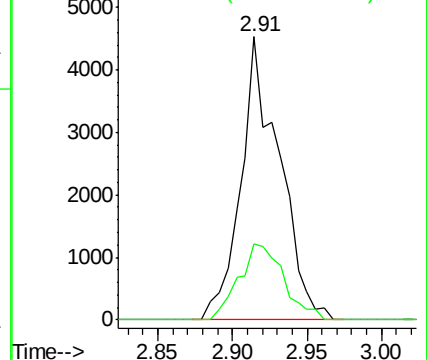
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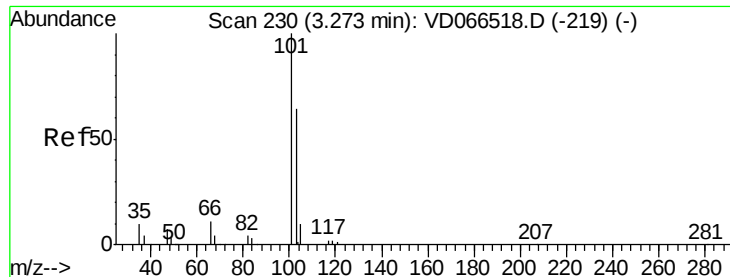
66 26.7 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

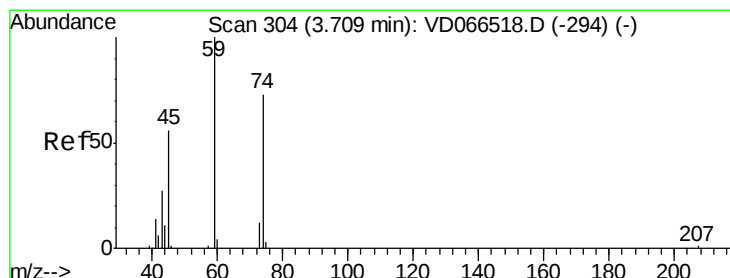
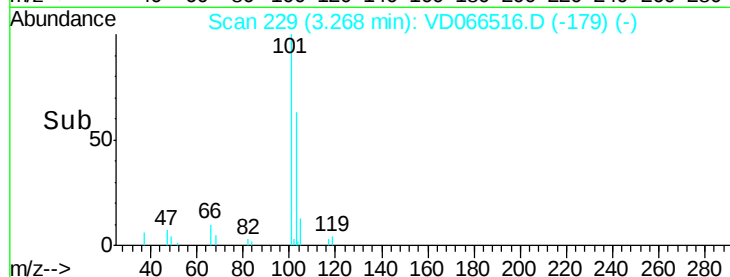
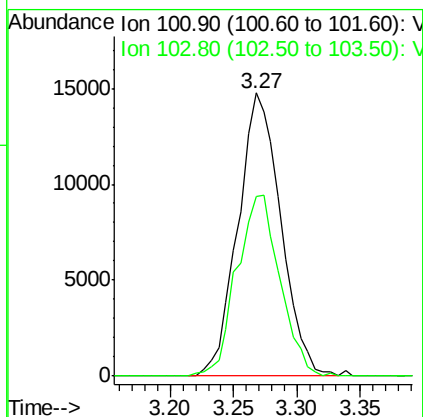
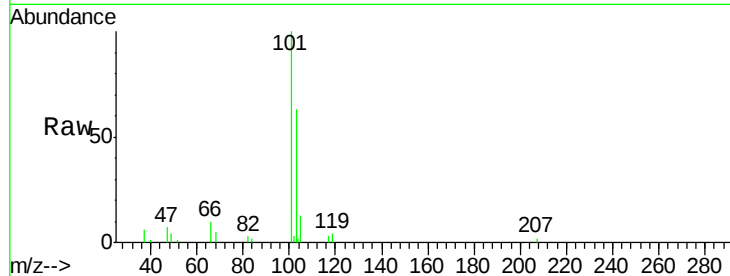
Trichlorofluoromethane
Concen: 10.236 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	50.9	76.3

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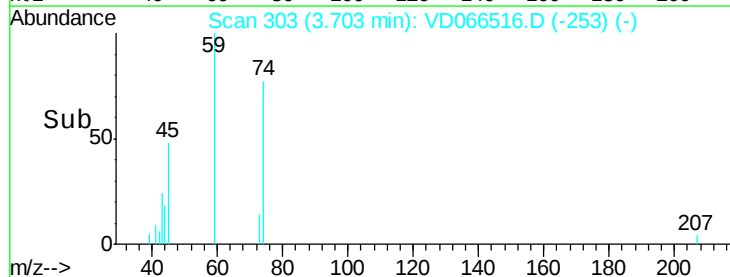
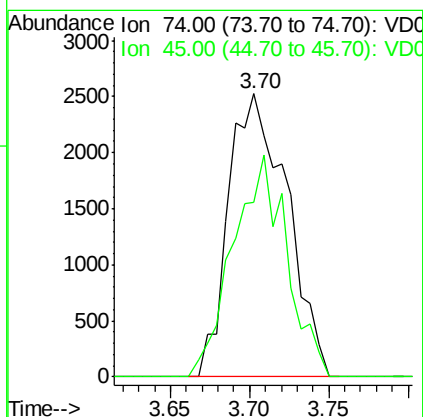
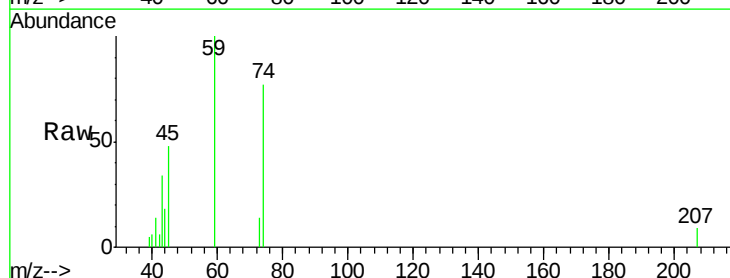
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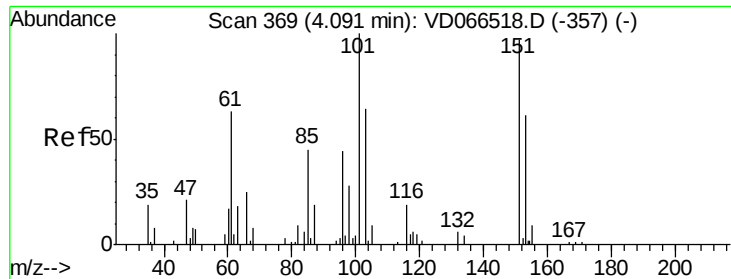


#8

Diethyl Ether
Concen: 10.214 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	71.8	38.6	115.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.083 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066516.D

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ClientSampleId :

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Tot Ion:101 Resp: 14209

Ion Ratio Lower Upper

101 100

85 47.4 39.4 59.0

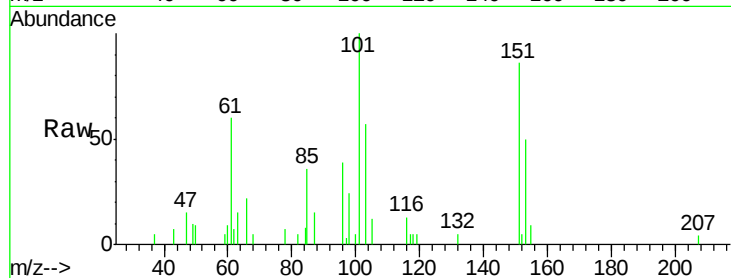
151 93.0 75.5 113.3

Manual Integrations

APPROVED

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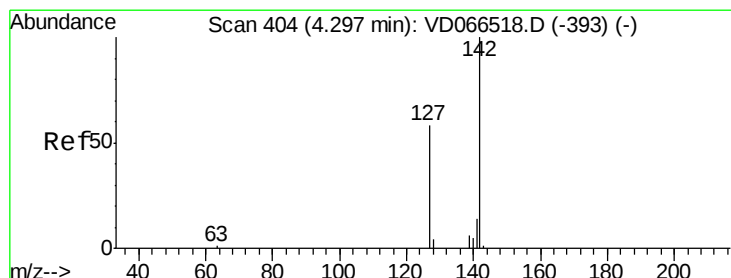
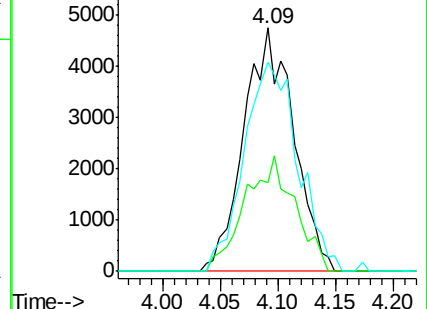
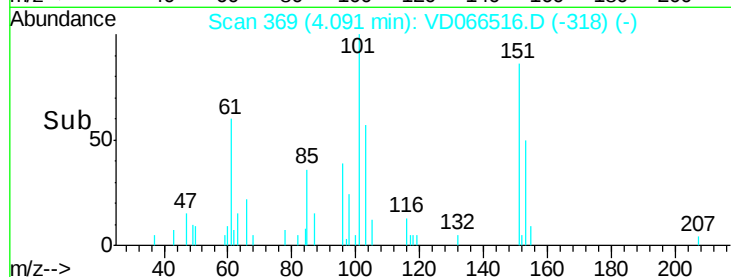
9/3/2020 4:57:11 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.816 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

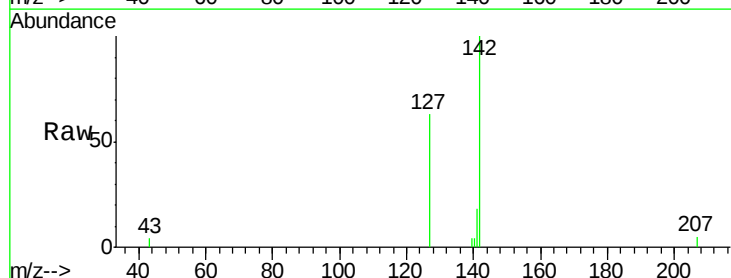
Tgt Ion:142 Resp: 13776

Ion Ratio Lower Upper

142 100

127 60.4 46.3 69.5

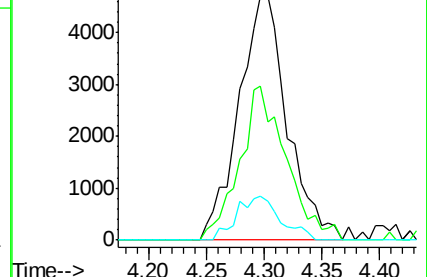
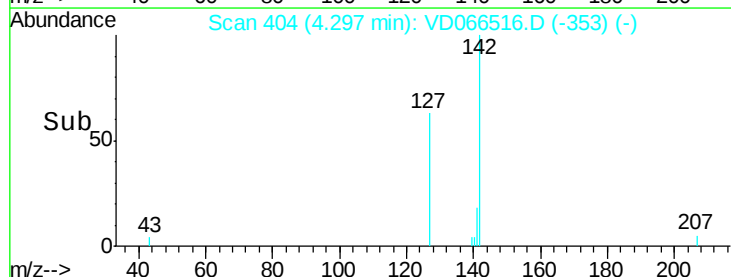
141 16.0 12.4 18.6

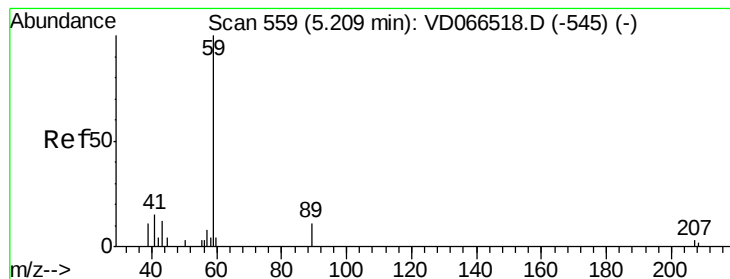


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 57.742 ug/l m

RT: 5.20 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 59 Resp: 8030

Ion Ratio Lower Upper

59 100

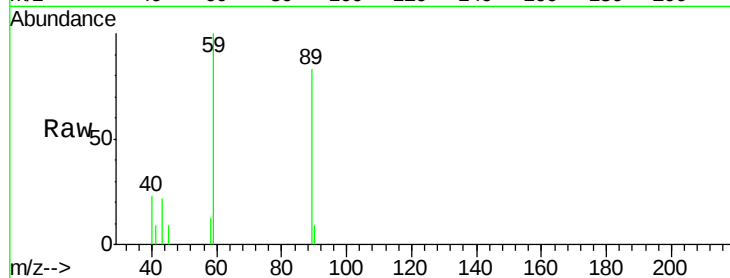
57 1.9 6.8 10.2#

Manual Integrations

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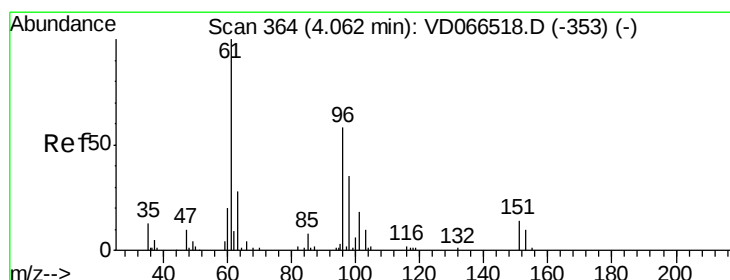
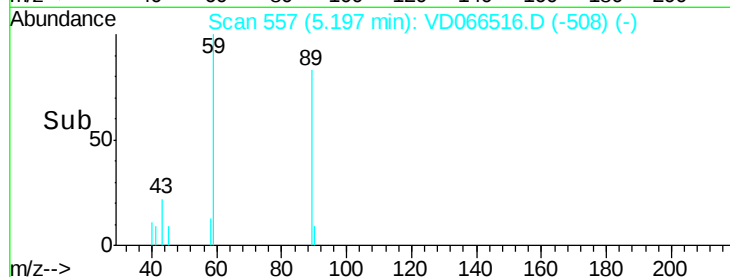
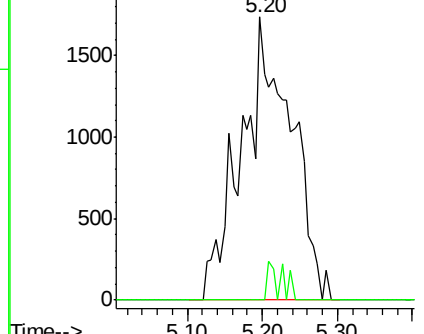
MMDadoda

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Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 9.830 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

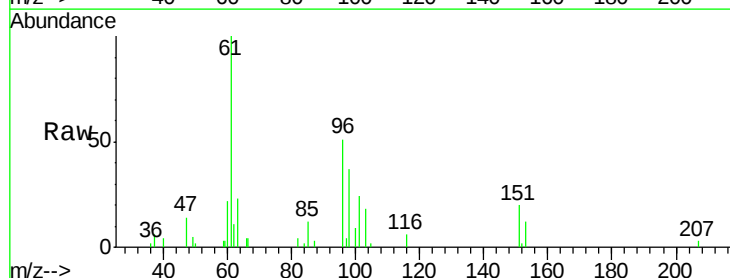
Tgt Ion: 96 Resp: 13018

Ion Ratio Lower Upper

96 100

61 194.9 137.5 206.3

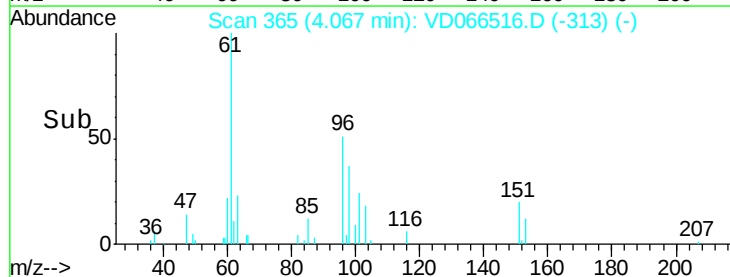
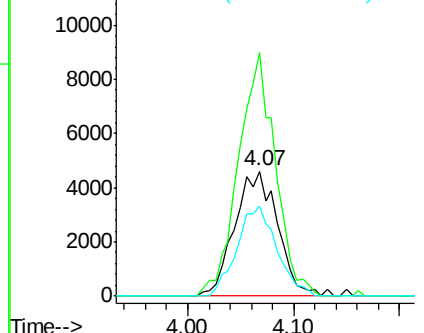
98 71.8 47.8 71.6#

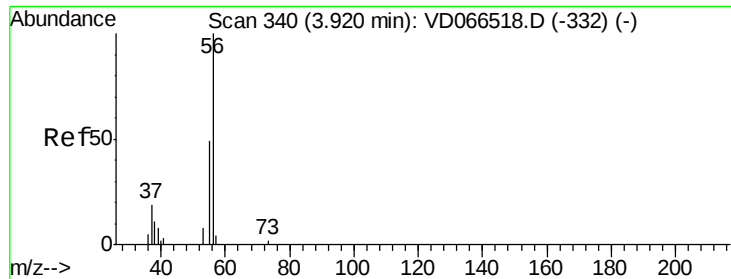


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 51.982 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Tot Ion: 56 Resp: 3223

Ion Ratio Lower Upper

56 100

55 77.3 53.0 79.4

Instrument :

MSVOA_D

ClientSampleId :

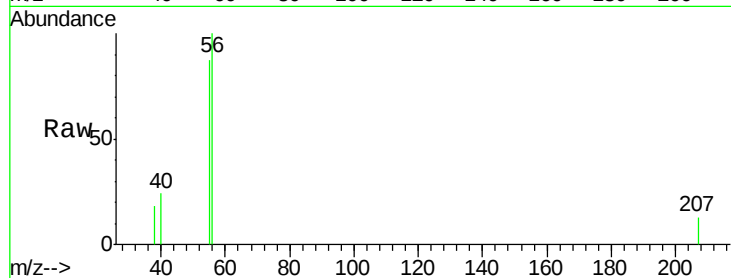
VSTDIC010

Manual Integrations

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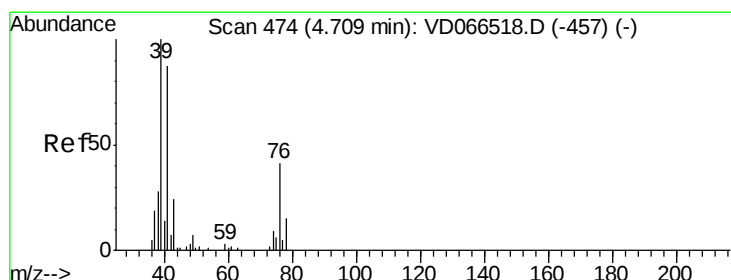
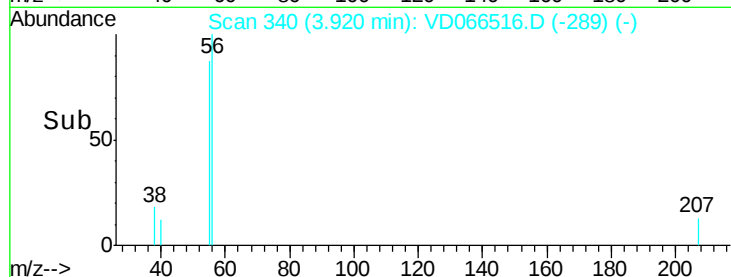
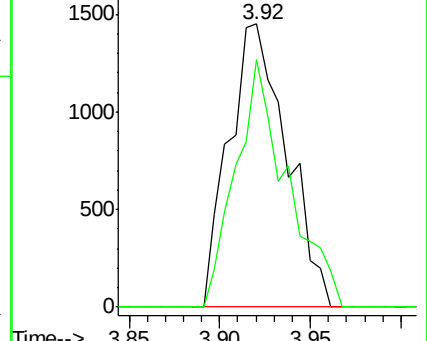
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 9.629 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

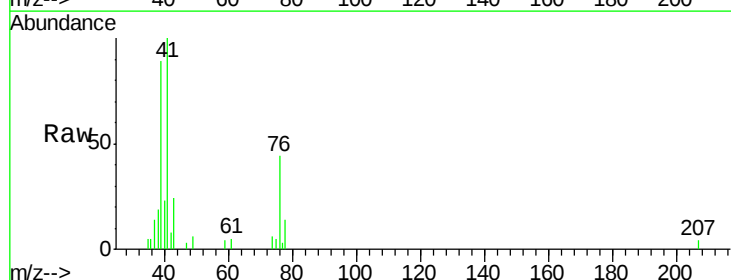
Tgt Ion: 41 Resp: 14254

Ion Ratio Lower Upper

41 100

39 118.8 93.8 140.8

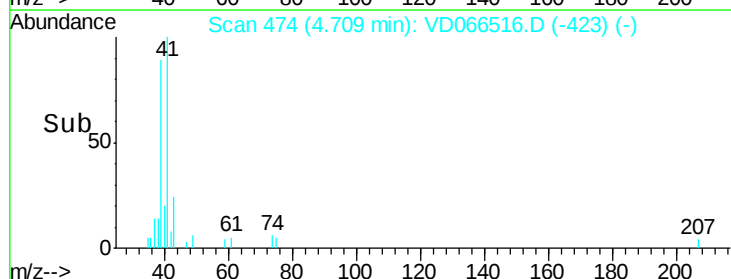
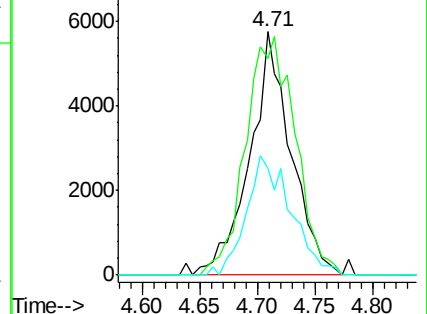
76 53.0 39.4 59.0

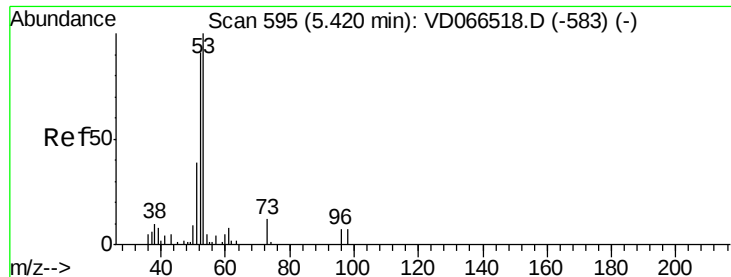


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 53.615 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

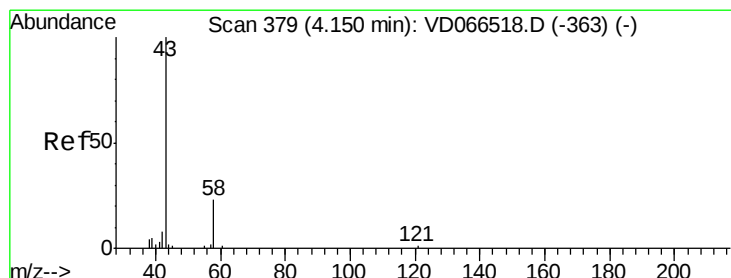
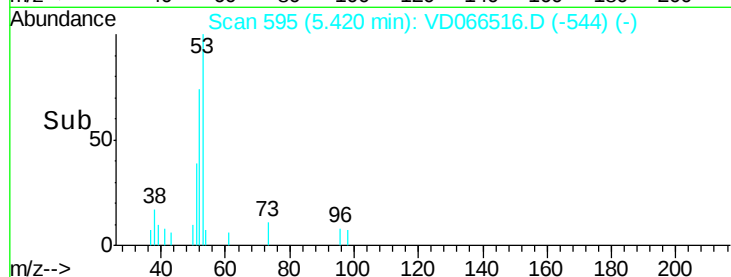
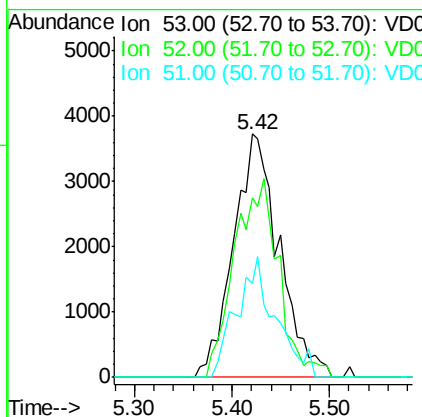
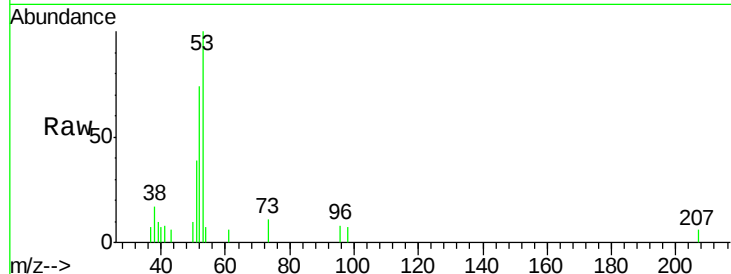
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	12194
Ion	Ratio	Lower	Upper
53	100		
52	78.9	71.0	106.4
51	41.8	35.8	53.6

Manual Integrations
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#16

Acetone

Concen: 51.132 ug/l

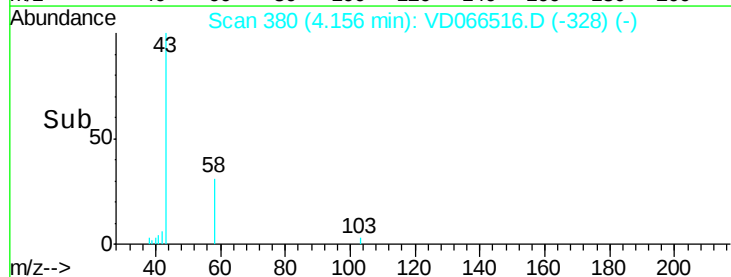
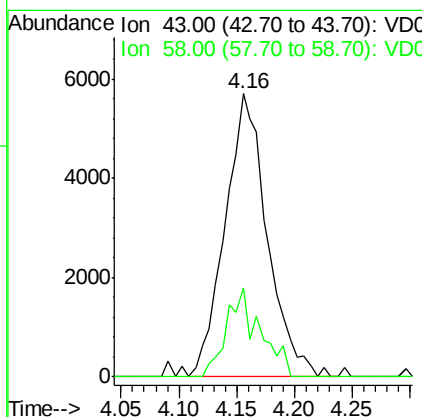
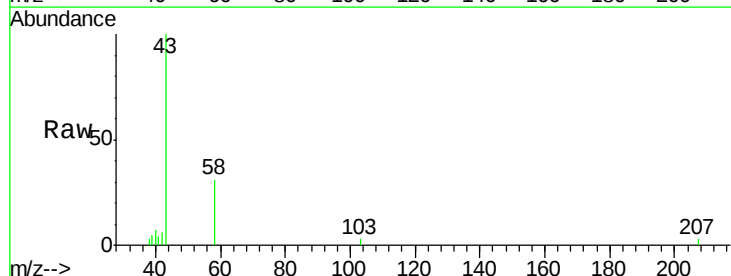
RT: 4.16 min Scan# 380

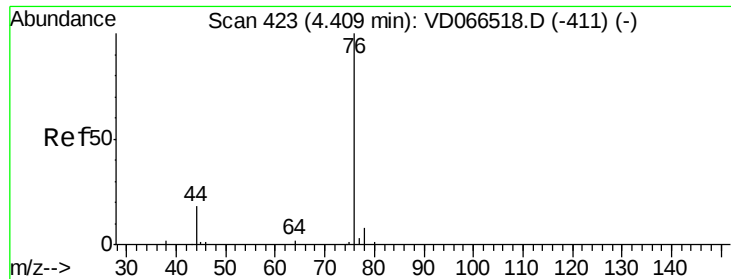
Delta R.T. 0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Tgt Ion:	43	Resp:	14435
Ion	Ratio	Lower	Upper
43	100		
58	31.2	18.1	27.1#





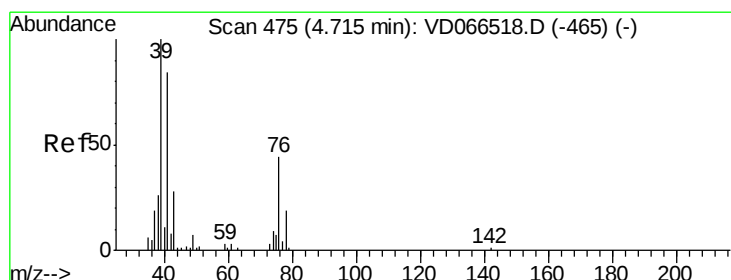
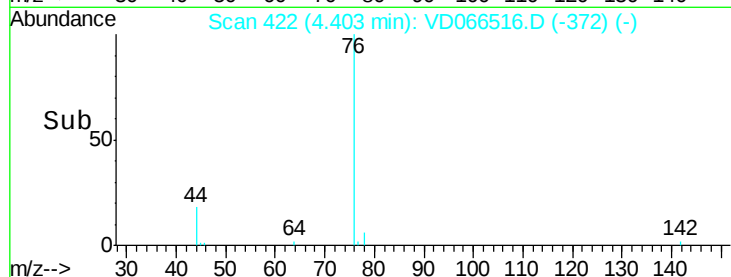
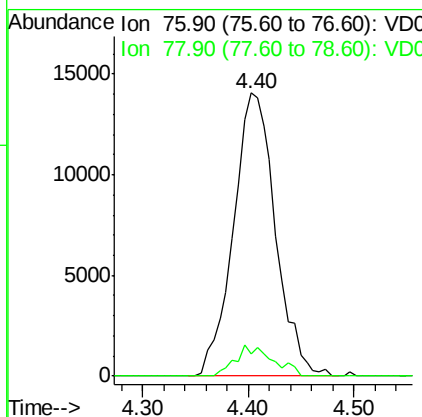
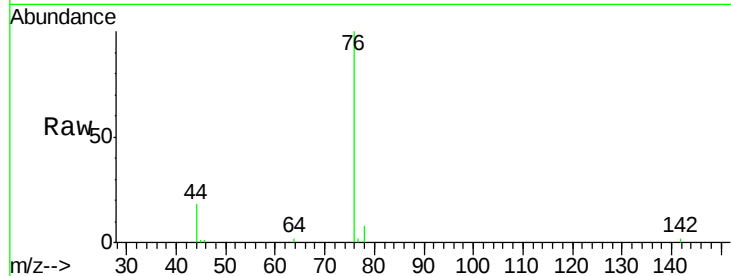
#17
Carbon Disulfide
Concen: 10.135 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 76 Resp: 38787
Ion Ratio Lower Upper
76 100
78 8.0 6.2 9.4

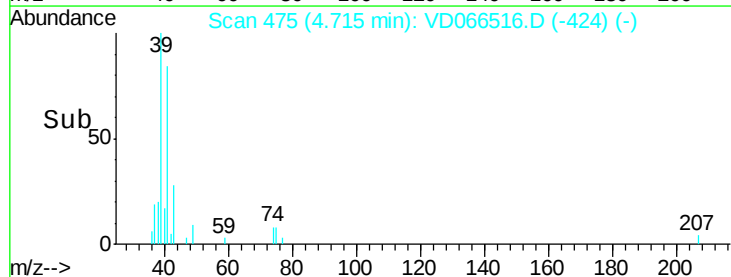
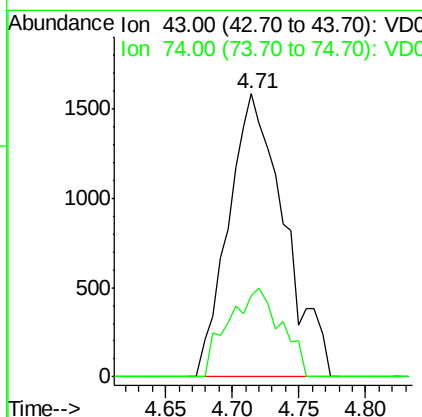
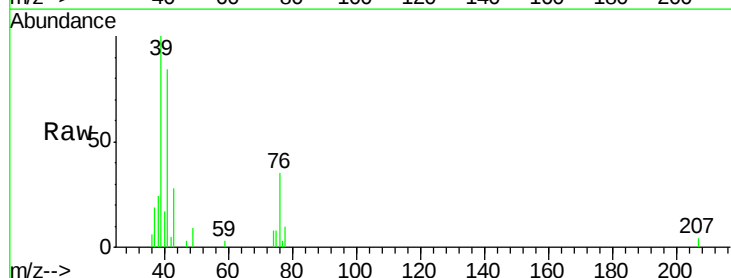
Manual Integrations
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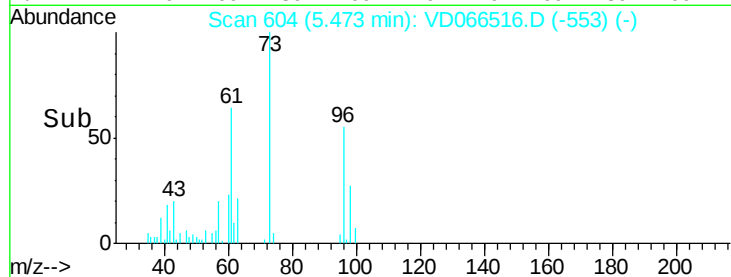
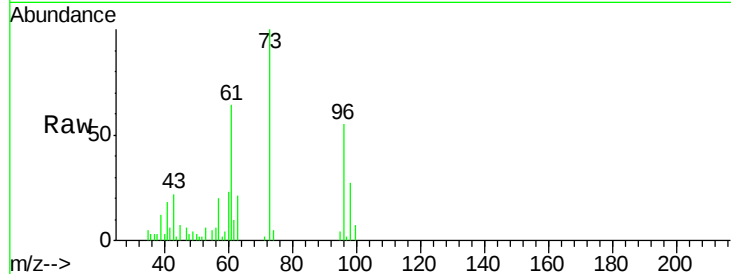
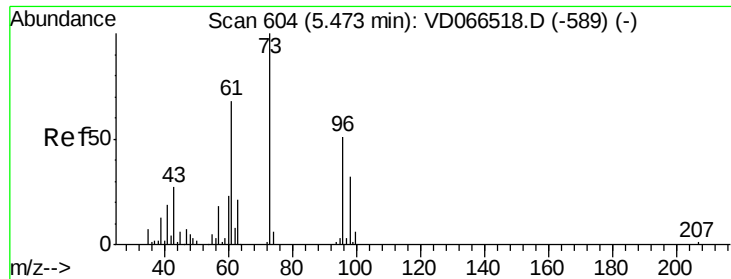
MMDadoda
9/3/2020 4:57:11 PM



#18
Methyl Acetate
Concen: 10.125 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 43 Resp: 4594
Ion Ratio Lower Upper
43 100
74 29.8 26.3 39.5





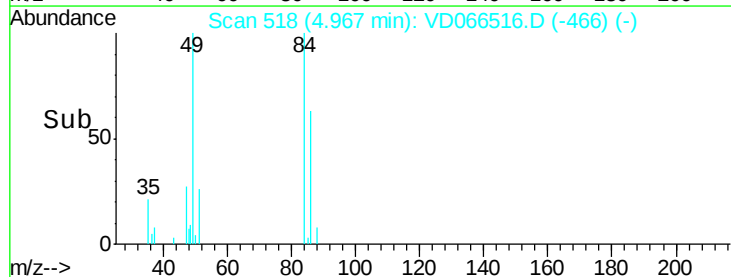
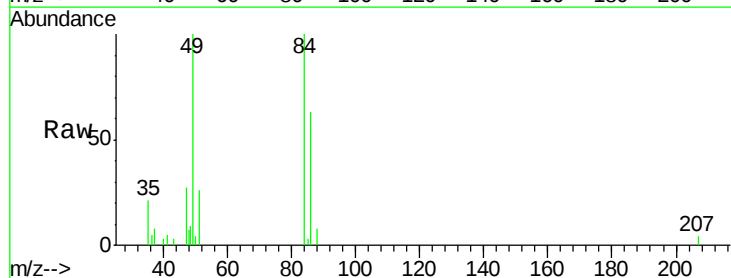
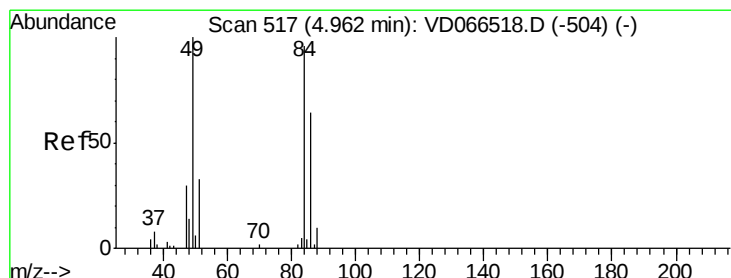
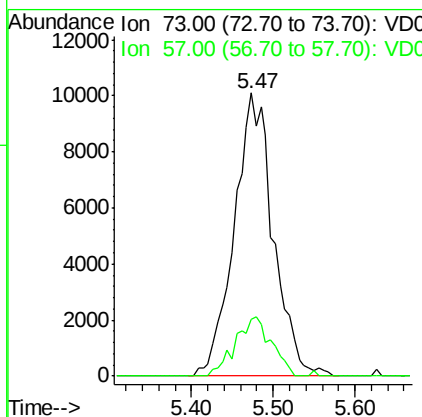
#19
Methyl tert-butyl Ether
Concen: 9.713 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tot Ion: 73 Resp: 33564
Ion Ratio Lower Upper
73 100
57 19.9 14.6 22.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

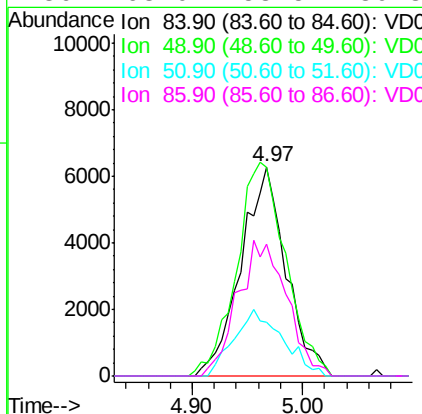
Manual Integrations
APPROVED

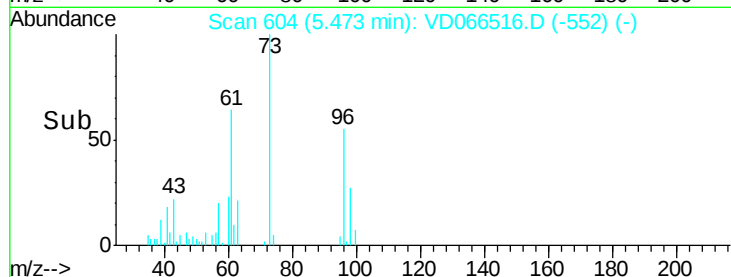
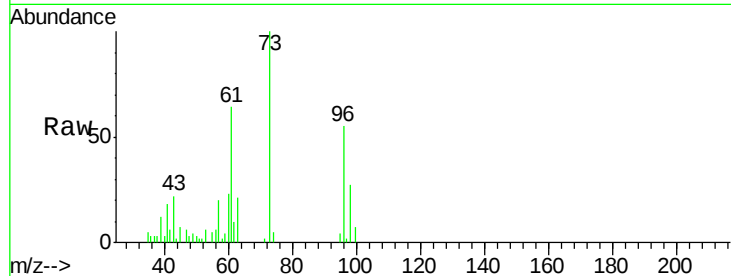
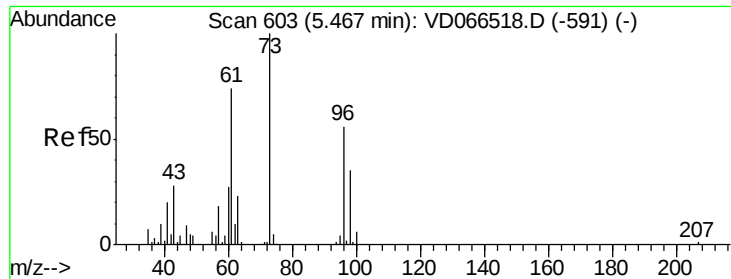
MMDadoda
9/3/2020 4:57:11 PM



#20
Methylene Chloride
Concen: 10.928 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 84 Resp: 18005
Ion Ratio Lower Upper
84 100
49 99.8 83.5 125.3
51 25.9 27.8 41.8#
86 63.0 53.5 80.3





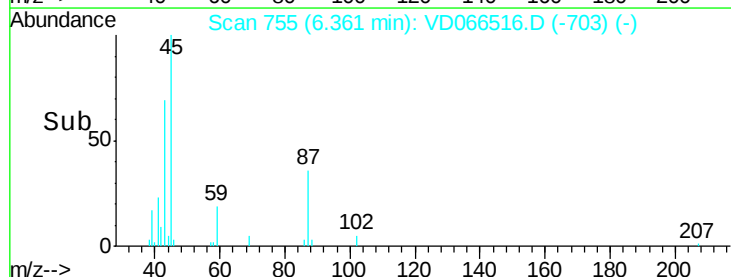
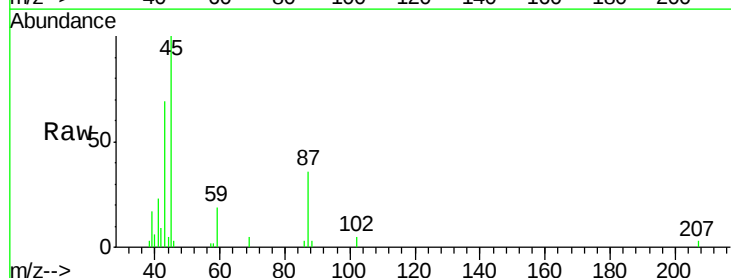
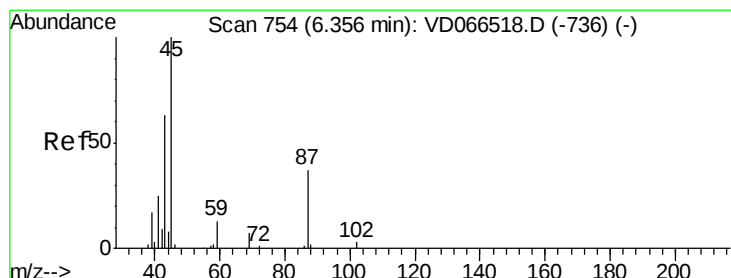
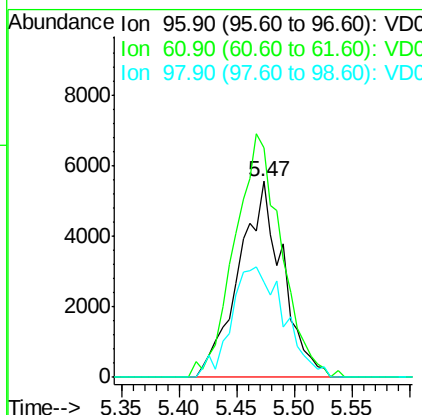
#21
trans-1,2-Dichloroethene
Concen: 9.668 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tot Ion	Ratio	Lower	Upper
96	100		
61	117.0	106.6	160.0
98	48.7	50.6	76.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

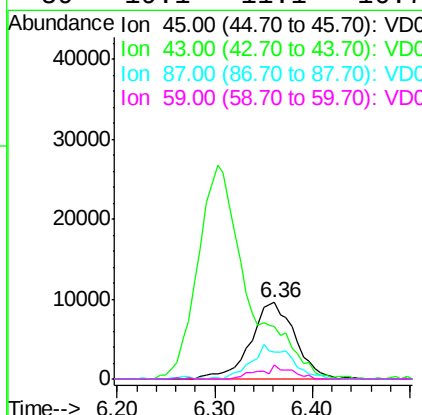
Manual Integrations
APPROVED

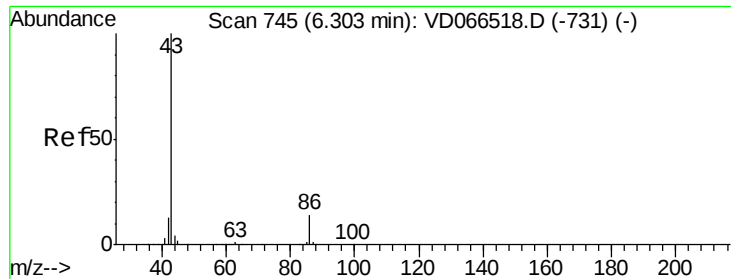
MMDadoda
9/3/2020 4:57:11 PM



#22
Diisopropyl ether
Concen: 10.216 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.0	53.4	80.0
87	35.6	30.2	45.4
59	19.1	11.1	16.7#





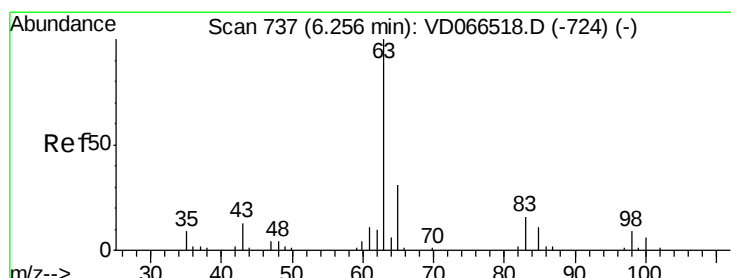
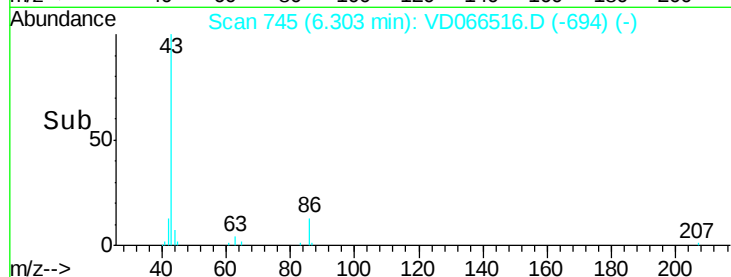
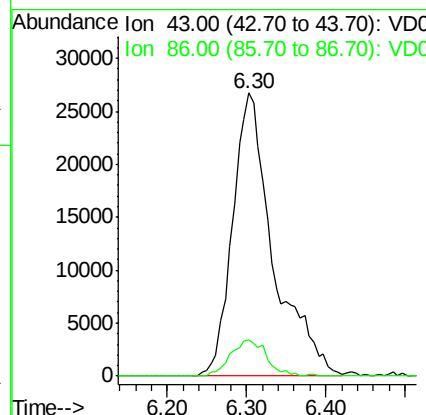
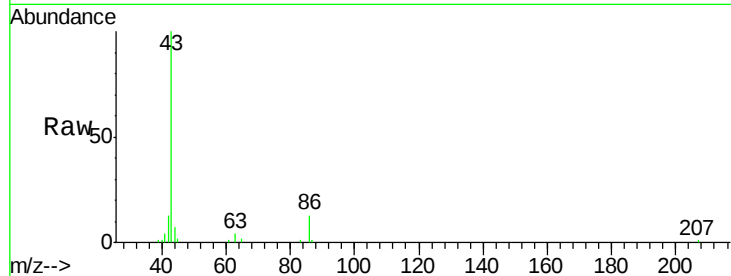
#23
 Vinyl Acetate
 Concen: 49.714 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion: 43 Resp: 94823
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.3 16.9

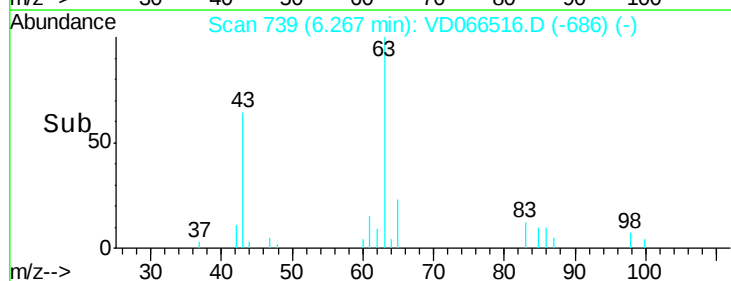
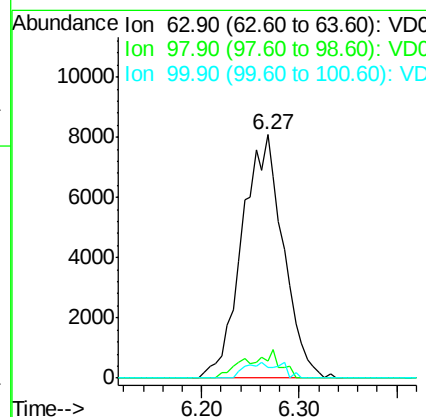
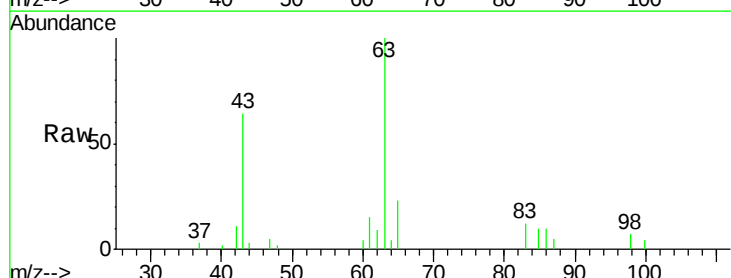
Manual Integrations
 APPROVED

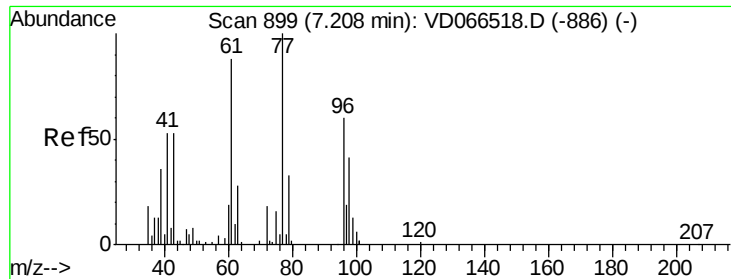
MMDadoda
 9/3/2020 4:57:11 PM



#24
 1,1-Dichloroethane
 Concen: 10.251 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion: 63 Resp: 23887
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.3 13.1
 100 4.3 2.9 8.7





#25

2-Butanone

Concen: 49.669 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 14513

Ion Ratio Lower Upper

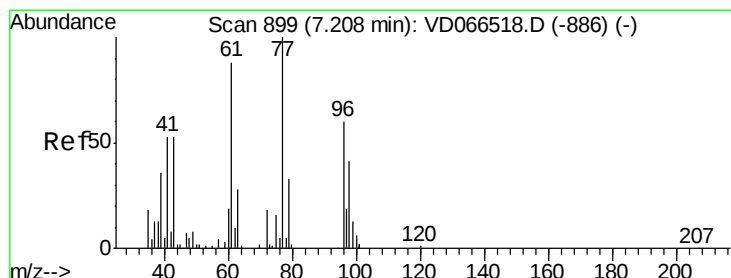
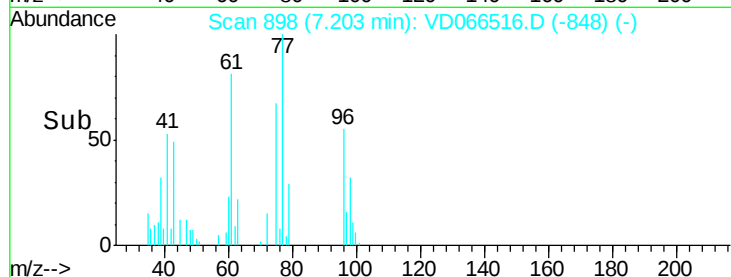
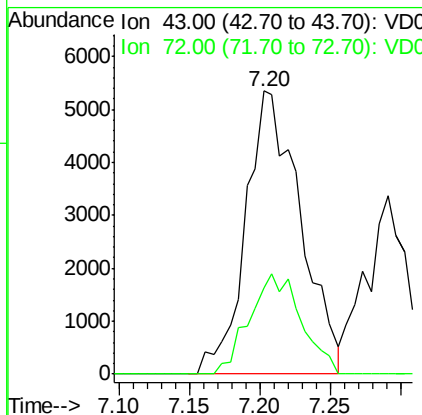
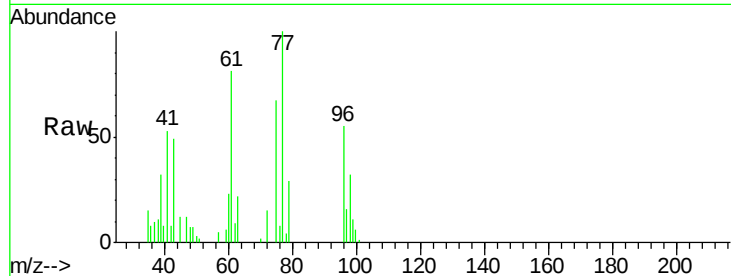
43 100

72 30.4 26.8 40.2

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#26

2,2-Dichloropropane

Concen: 10.483 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066516.D

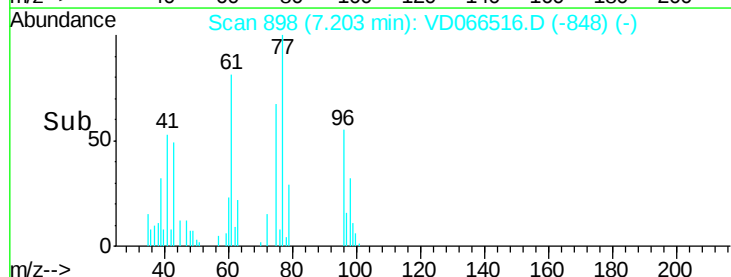
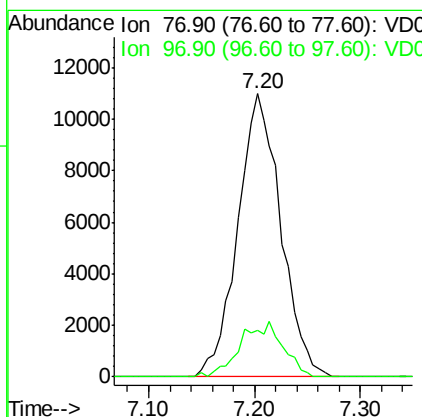
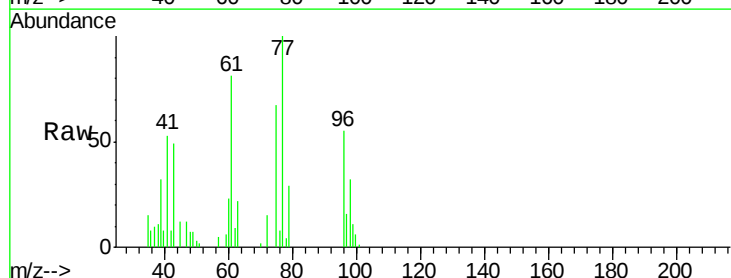
Acq: 02 Sep 2020 11:49

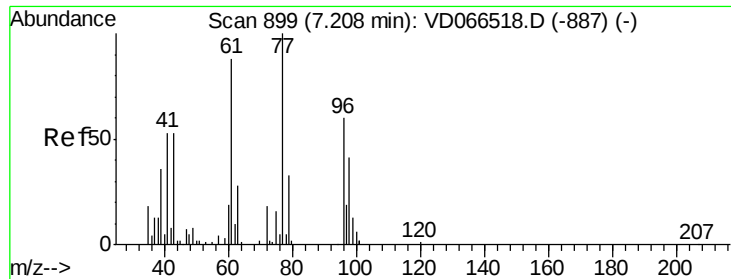
Tgt Ion: 77 Resp: 30950

Ion Ratio Lower Upper

77 100

97 19.3 10.2 30.4





#27

cis-1,2-Dichloroethene

Concen: 9.929 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

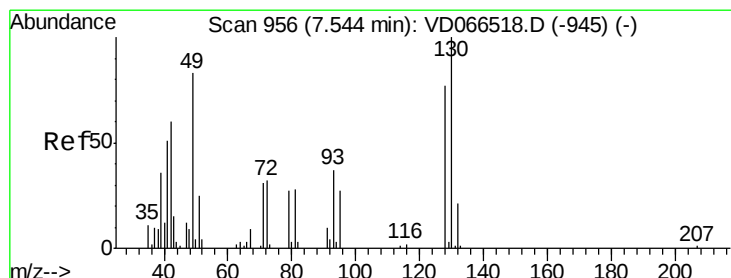
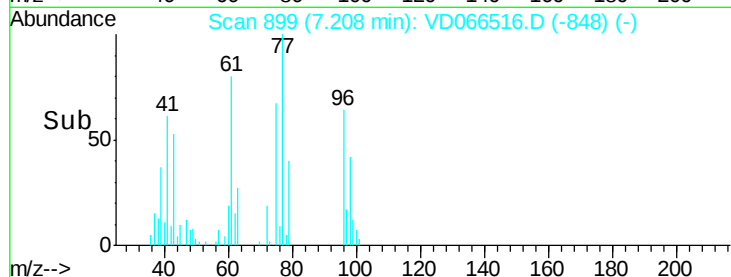
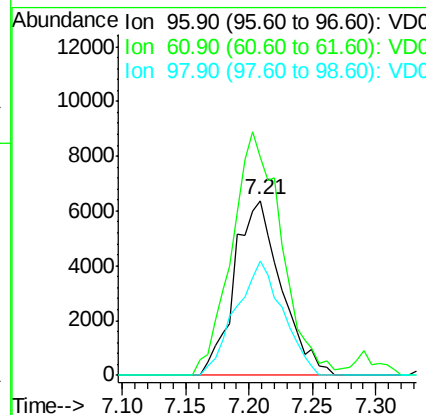
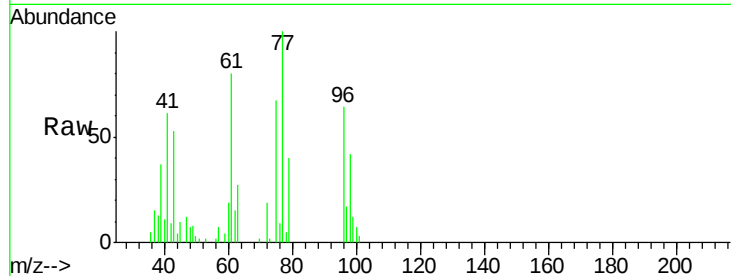
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	16310
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	292.8
98	65.9	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 8.764 ug/l

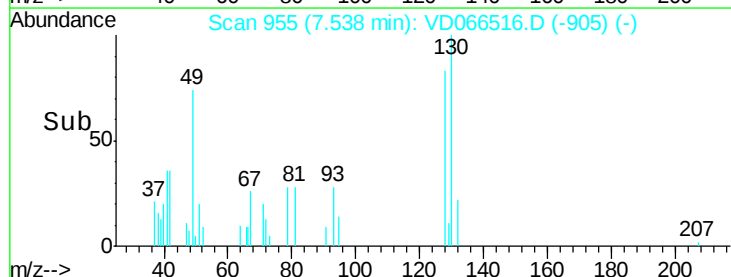
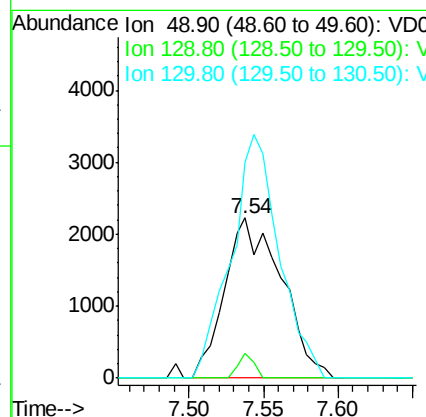
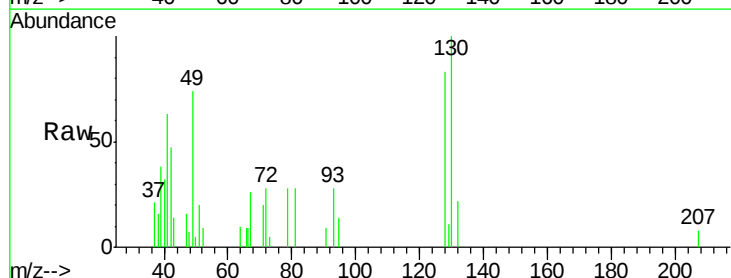
RT: 7.54 min Scan# 955

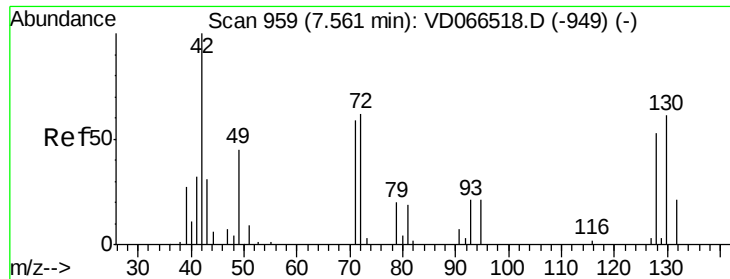
Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Tgt Ion:	49	Resp:	5908
Ion	Ratio	Lower	Upper
49	100		
129	4.3	0.0	1.2#
130	128.7	98.0	147.0





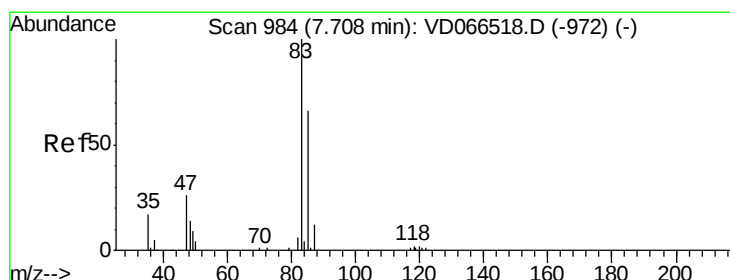
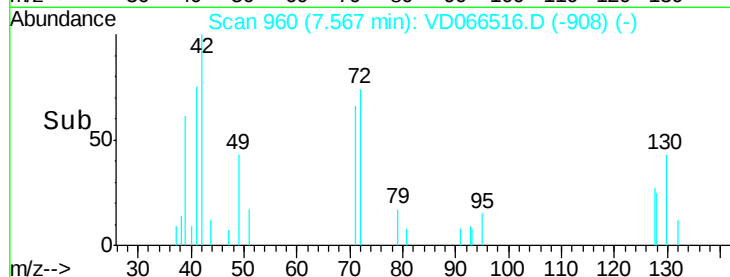
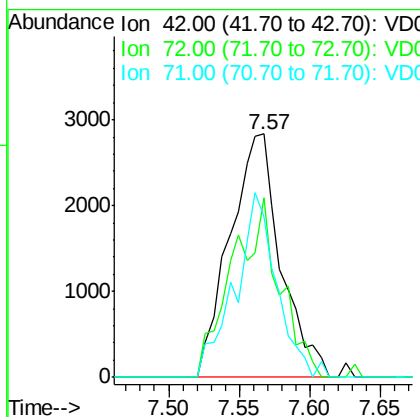
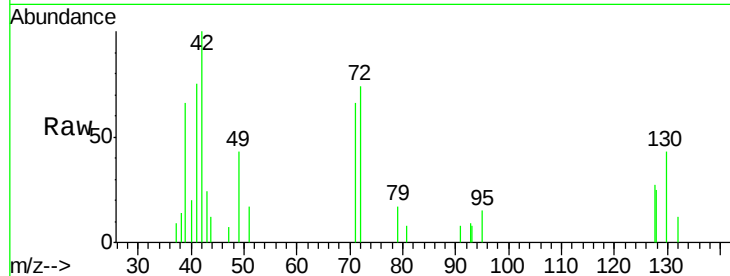
#29
Tetrahydrofuran
Concen: 47.668 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	69.1	48.6	72.8
71	61.8	43.2	64.8

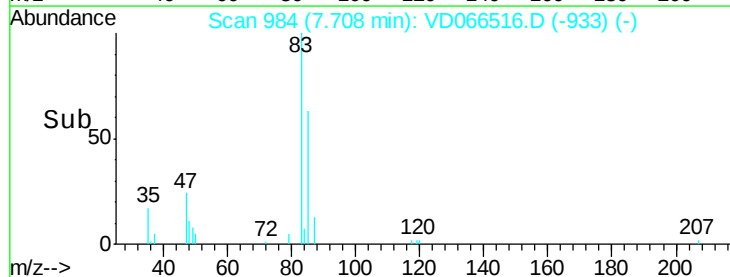
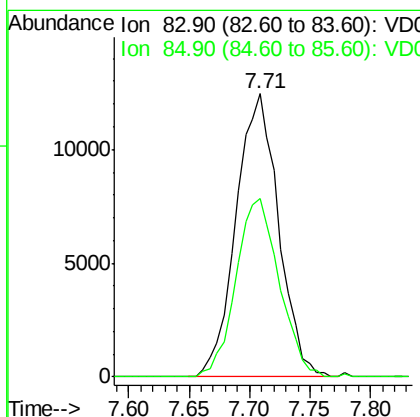
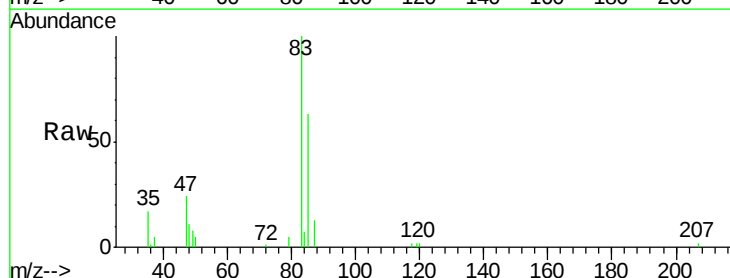
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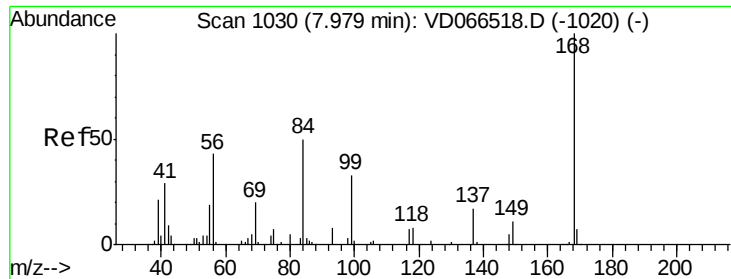
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#30
Chloroform
Concen: 10.130 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.6	79.0





#31

Cyclohexane

Concen: 10.771 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 21684

Ion Ratio Lower Upper

56 100

69 45.8 36.8 55.2

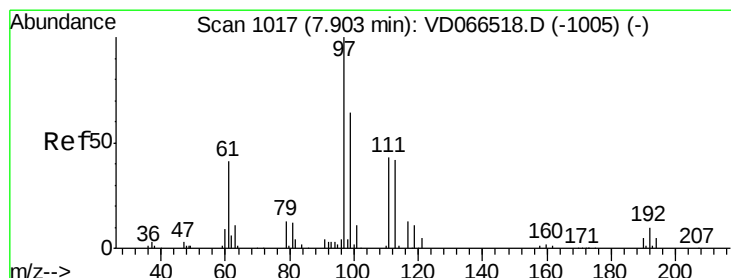
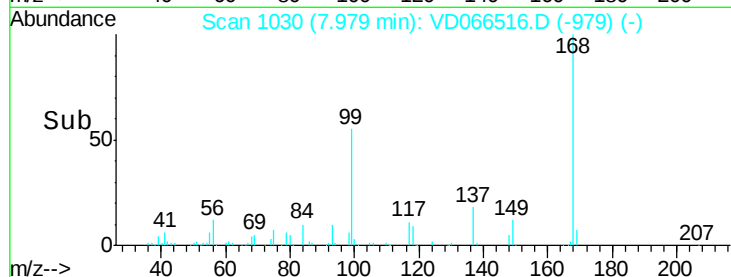
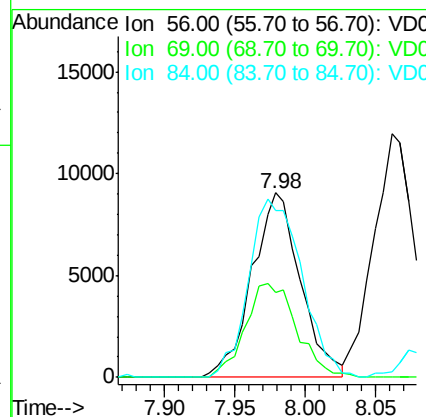
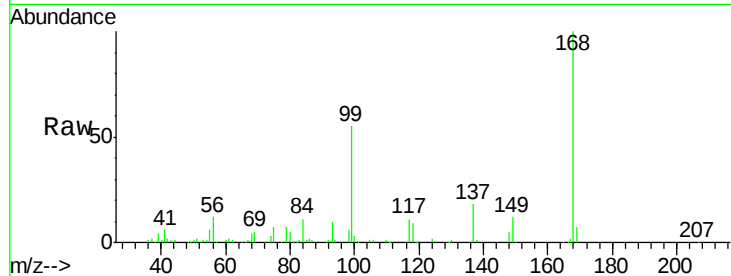
84 90.6 93.4 140.0#

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 10.113 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

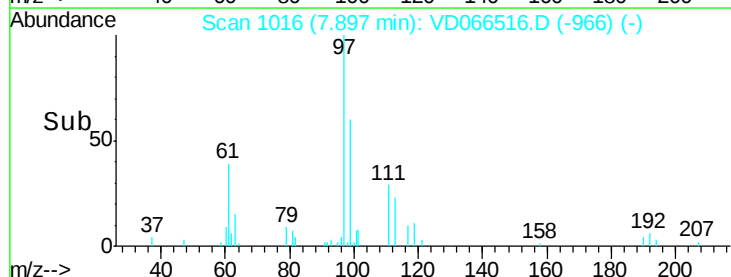
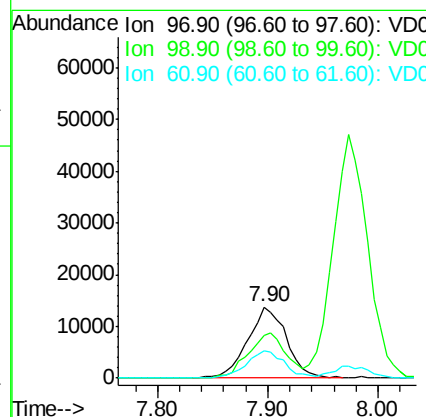
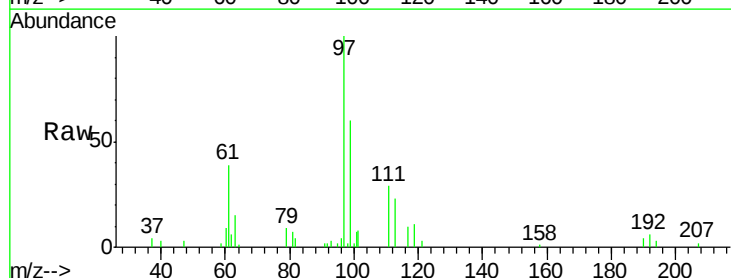
Tgt Ion: 97 Resp: 33887

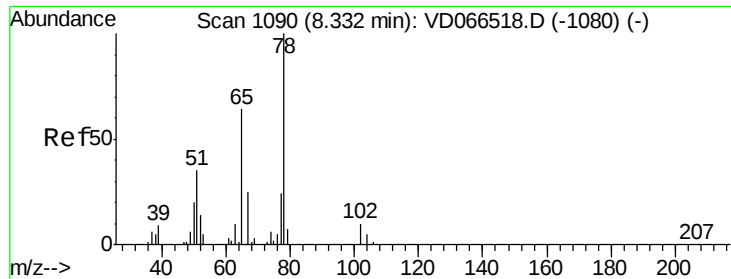
Ion Ratio Lower Upper

97 100

99 62.1 51.7 77.5

61 37.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 8.996 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 17173

Ion Ratio Lower Upper

65 100

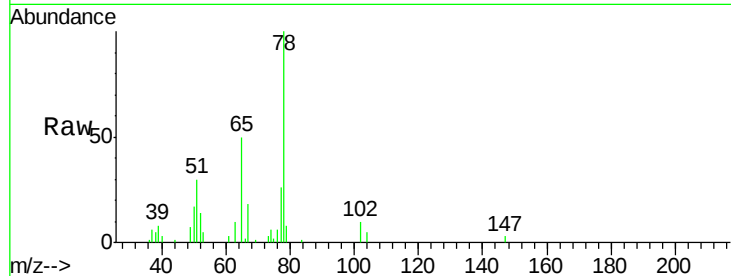
67 46.8 0.0 88.2

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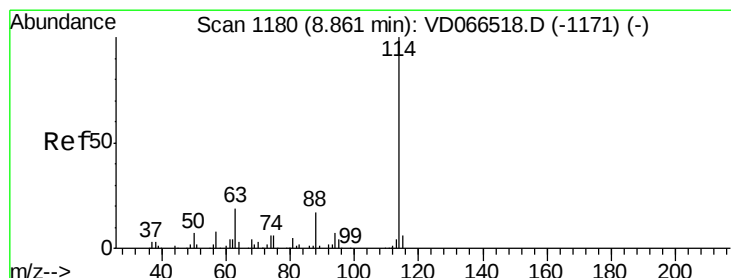
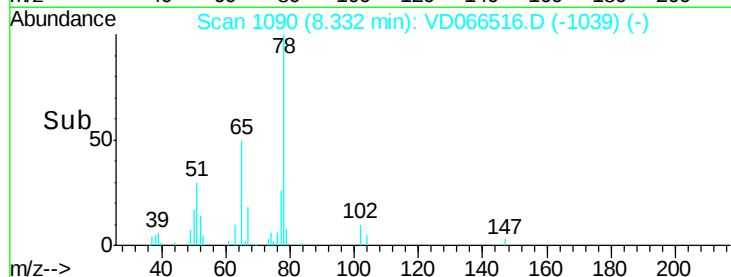
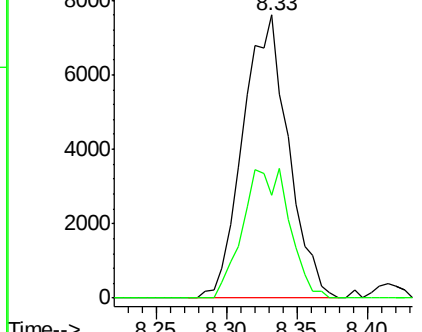
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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

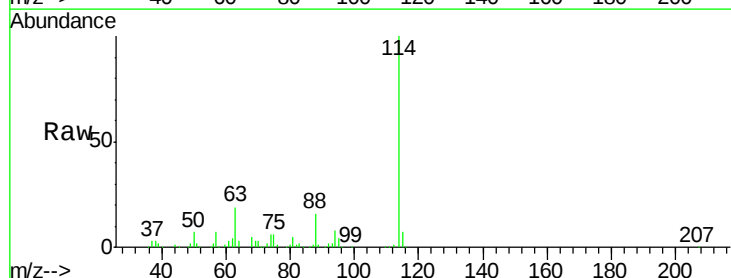
Tgt Ion: 114 Resp: 240046

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

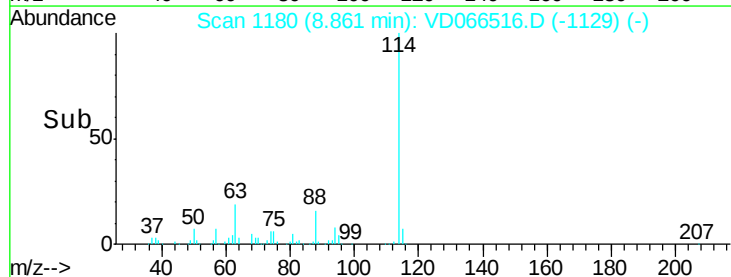
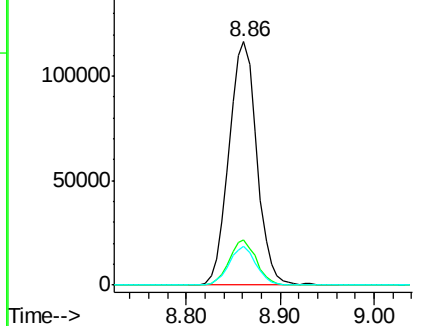
88 15.7 0.0 33.6

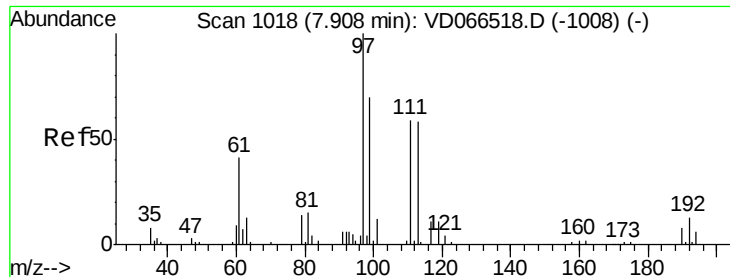


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





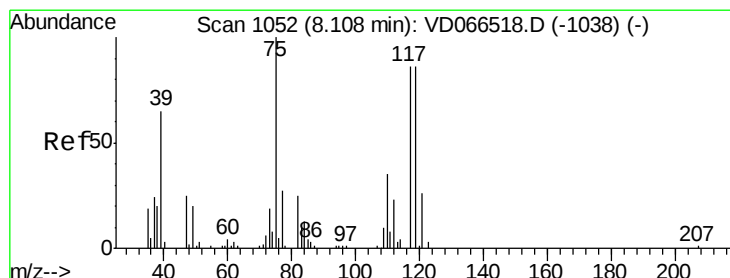
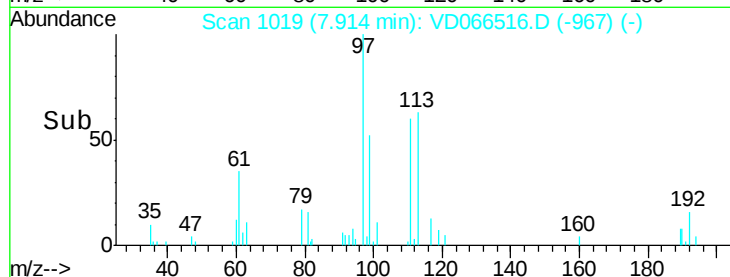
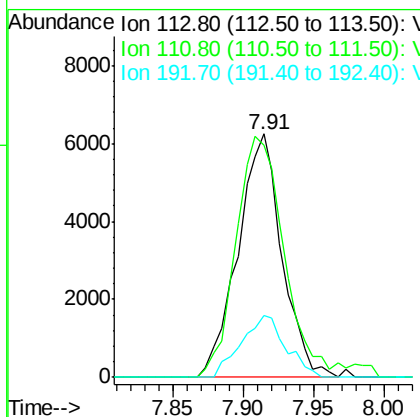
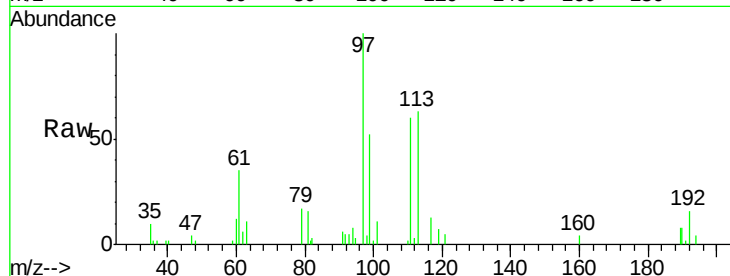
#35
 Dibromofluoromethane
 Concen: 9.441 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	109.1	82.5	123.7
192	25.7	20.7	31.1

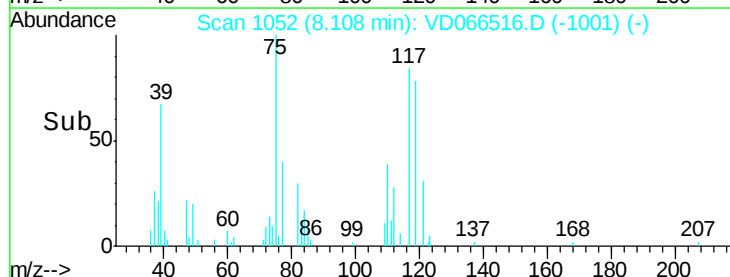
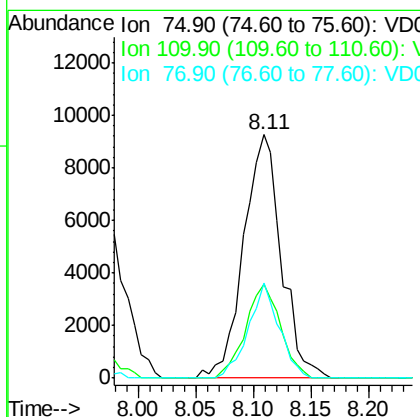
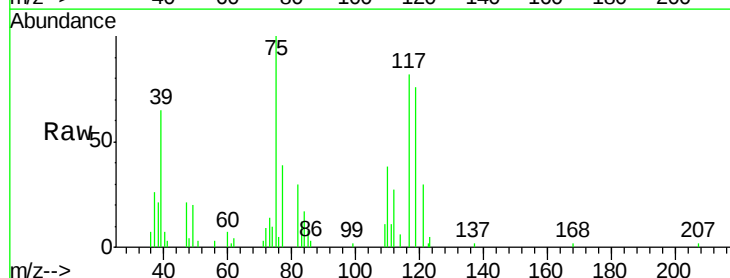
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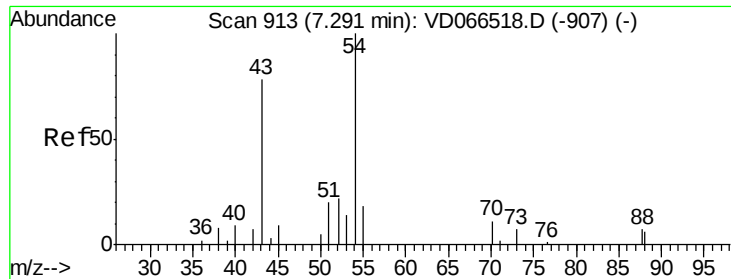
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#36
 1,1-Dichloropropene
 Concen: 10.013 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.4	55.2
77	31.8	24.6	36.8





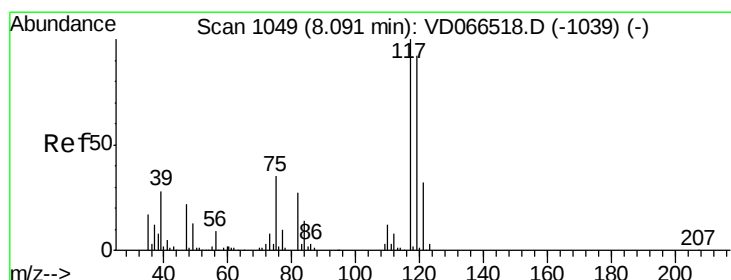
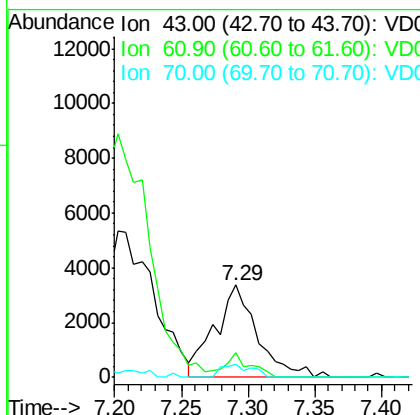
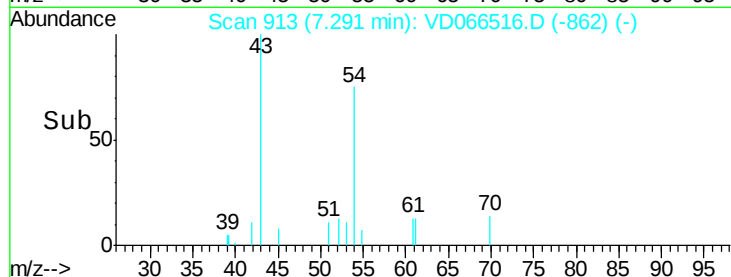
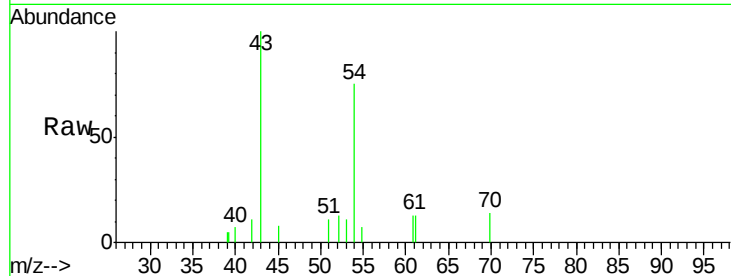
#37
Ethyl Acetate
Concen: 11.845 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 7482
Ion Ratio Lower Upper
43 100
61 14.6 10.7 16.1
70 10.0 10.2 15.2#

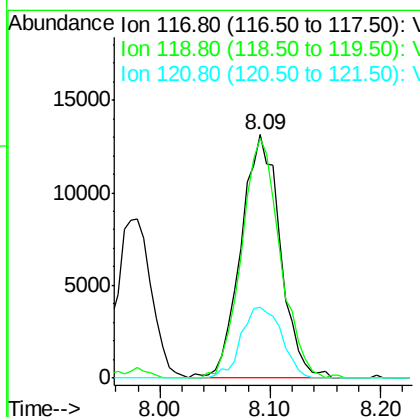
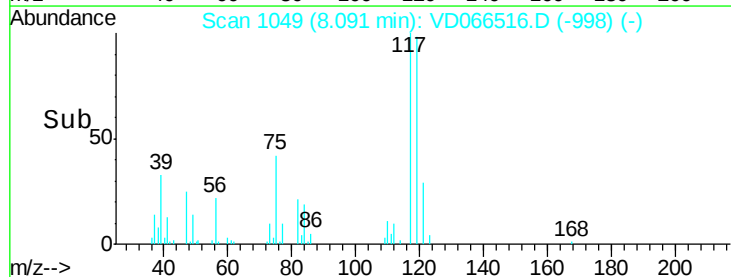
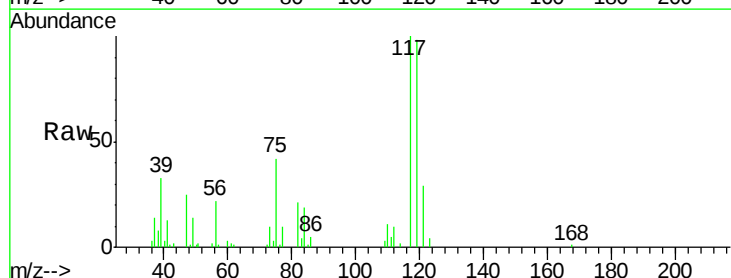
Manual Integrations
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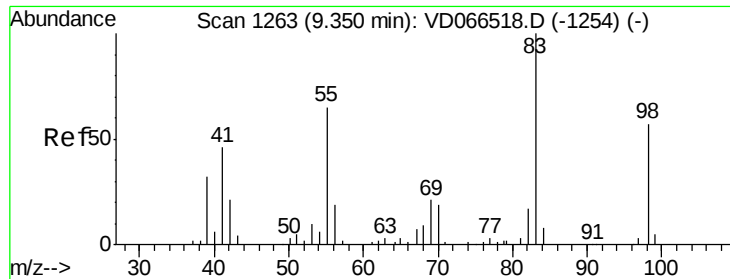
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#38
Carbon Tetrachloride
Concen: 10.247 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 117 Resp: 32846
Ion Ratio Lower Upper
117 100
119 98.4 73.9 110.9
121 29.1 25.6 38.4





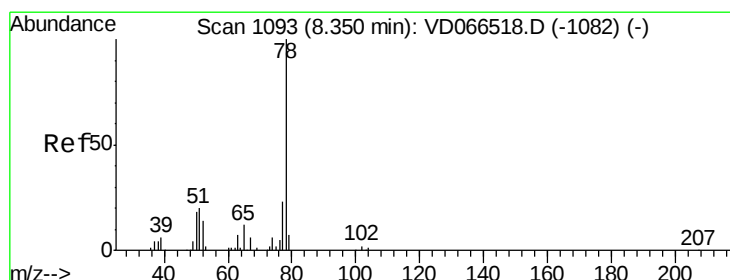
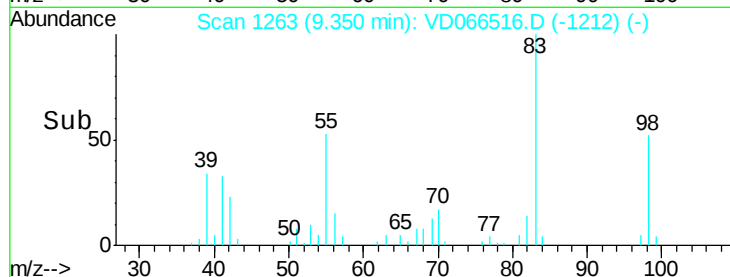
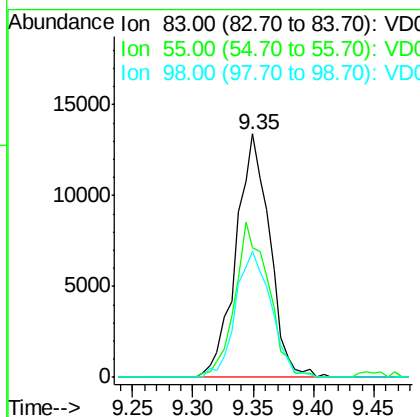
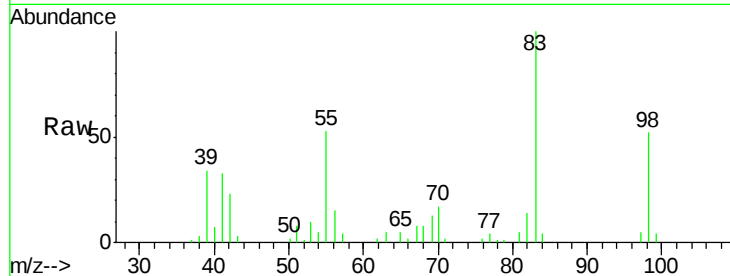
#39
Methvlcvclohexane
Concen: 10.590 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	53.2	52.2	78.2
98	51.8	45.6	68.4

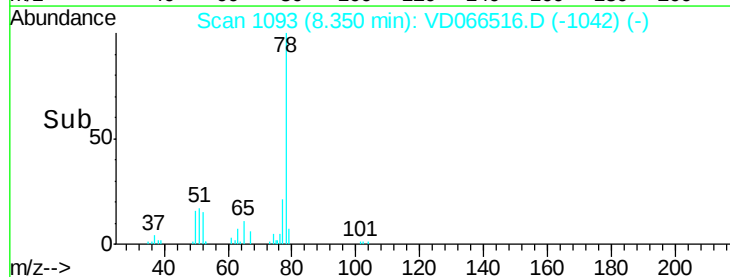
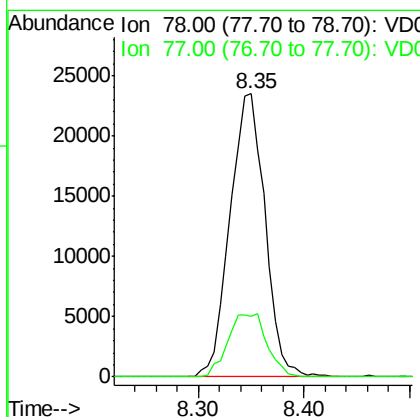
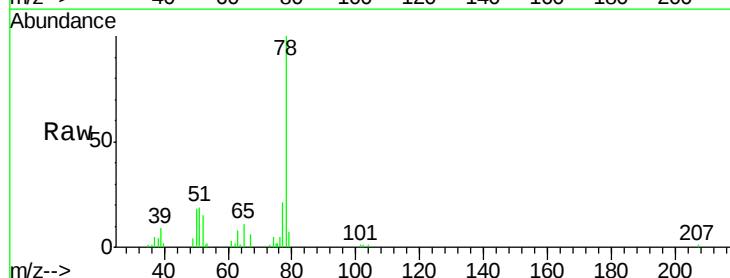
Manual Integrations
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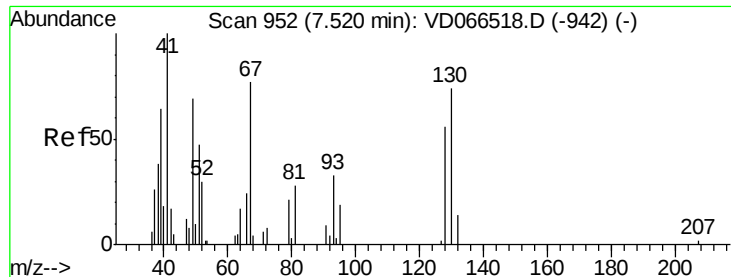
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#40
Benzene
Concen: 9.957 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.1	27.1





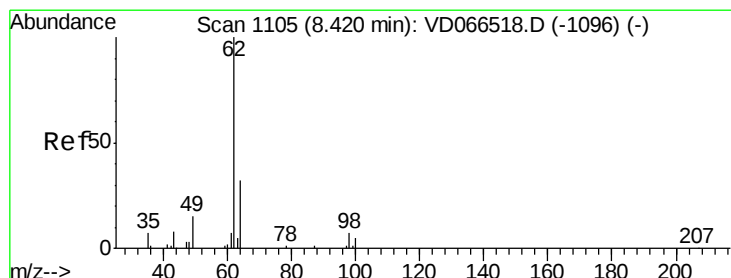
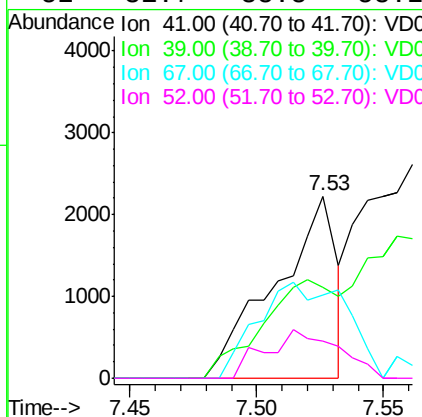
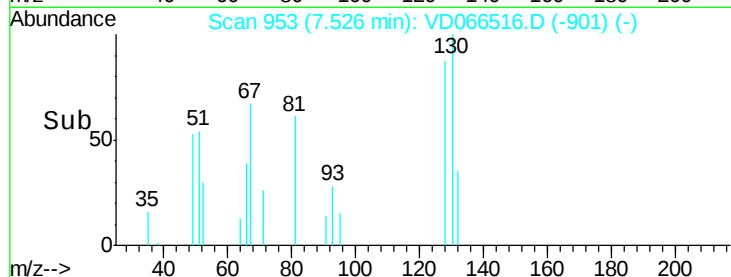
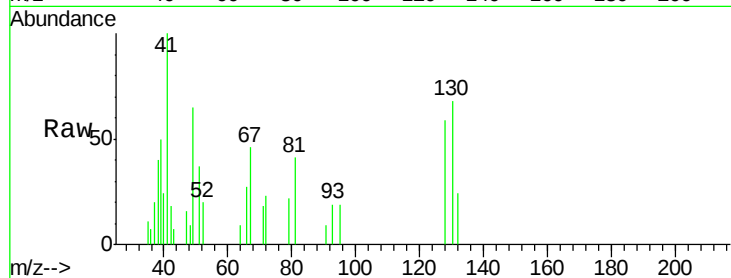
#41
Methacrylonitrile
Concen: 10.361 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.5	0.0	0.0#
67	76.8	85.0	127.4#
52	31.7	38.8	58.2#

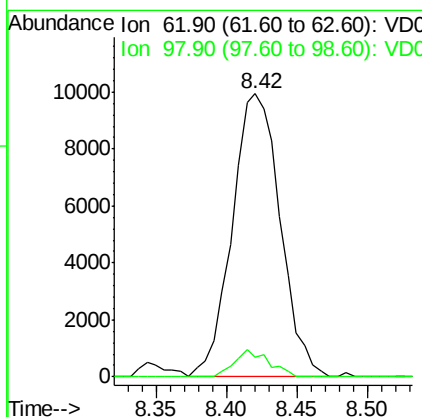
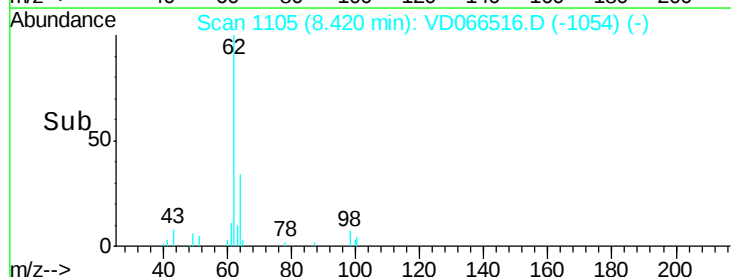
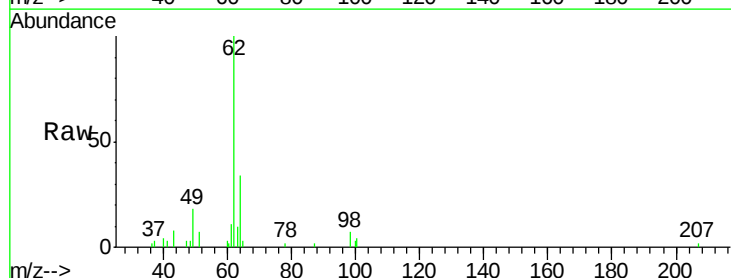
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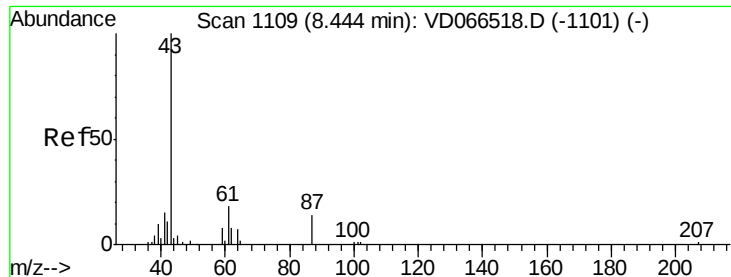
MMDadoda
9/3/2020 4:57:11 PM



#42
1,2-Dichloroethane
Concen: 10.282 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.8	0.0	15.2





#43

Isopropyl Acetate

Concen: 10.017 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

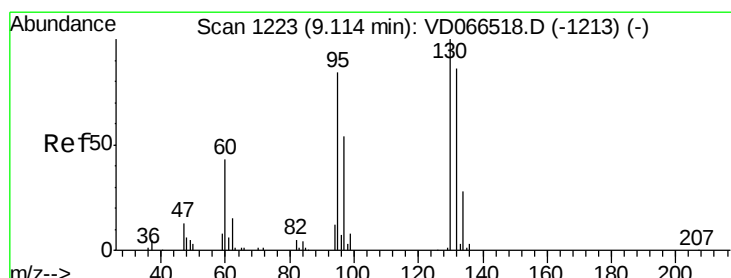
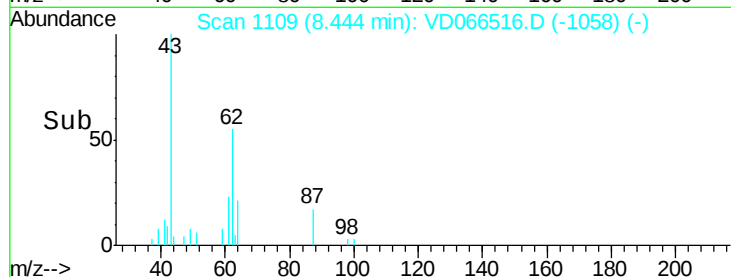
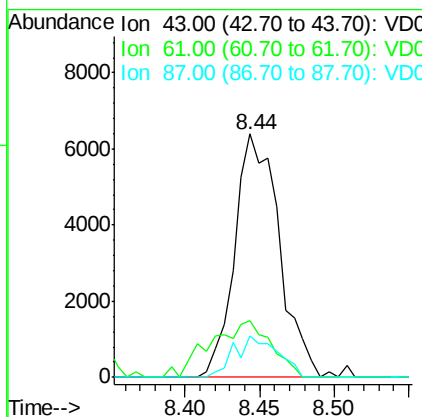
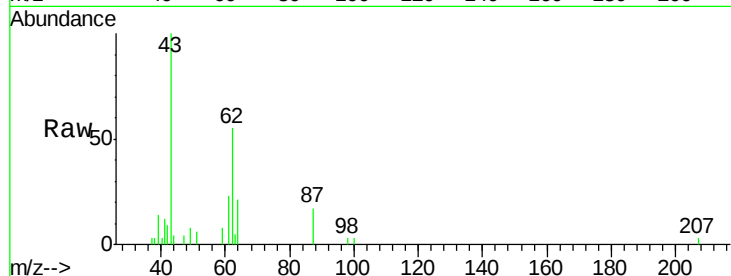
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	13254
Ion	Ratio	Lower	Upper
43	100		
61	32.0	26.9	40.3
87	16.4	12.9	19.3

Manual Integrations
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#44

Trichloroethene

Concen: 10.208 ug/l

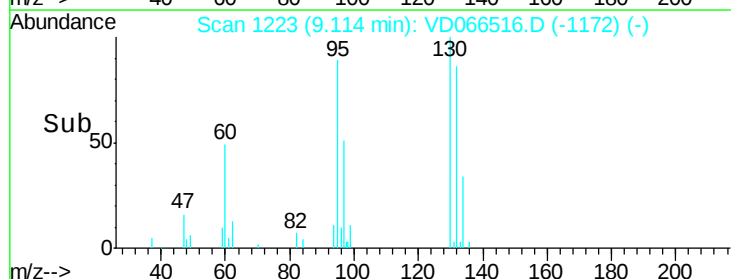
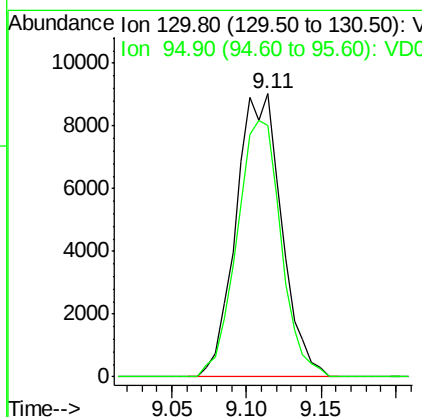
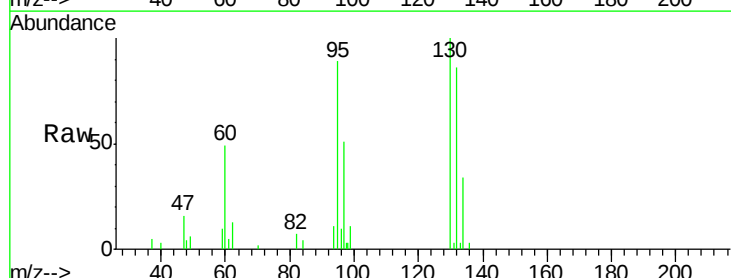
RT: 9.11 min Scan# 1223

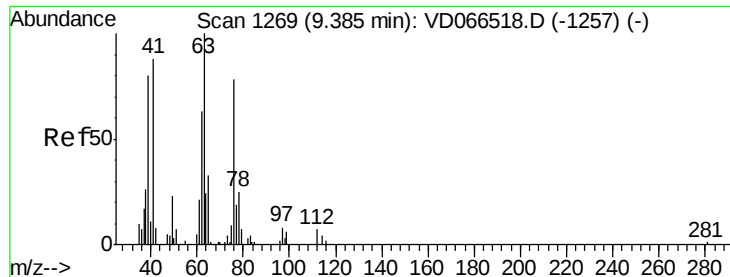
Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Tgt Ion:	130	Resp:	19126
Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	167.2





#45

1,2-Dichloropropane

Concen: 9.778 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 10531

Ion Ratio Lower Upper

63 100

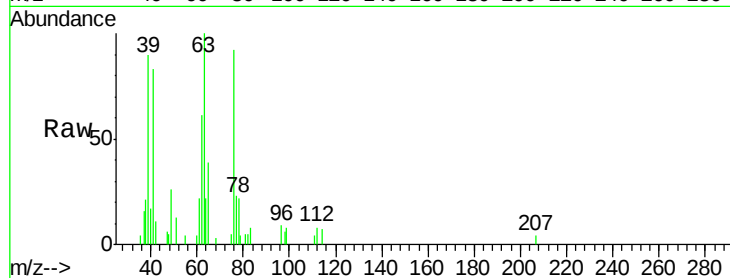
65 39.3 26.2 39.4

Manual Integrations

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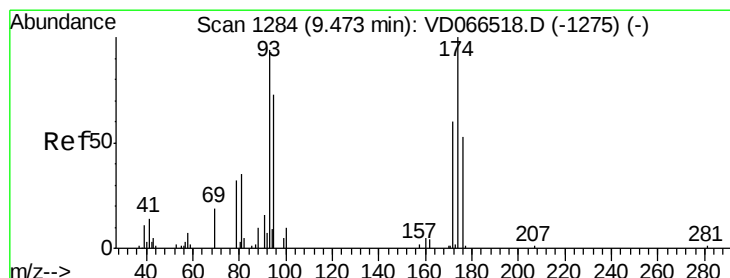
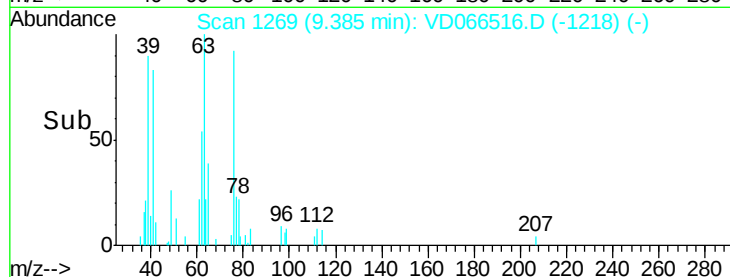
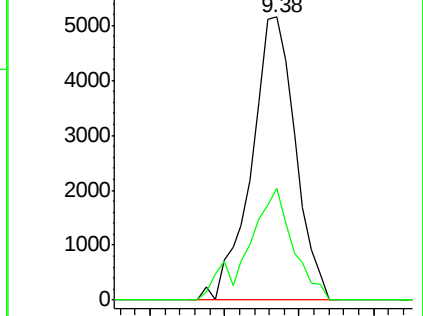
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 9.391 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

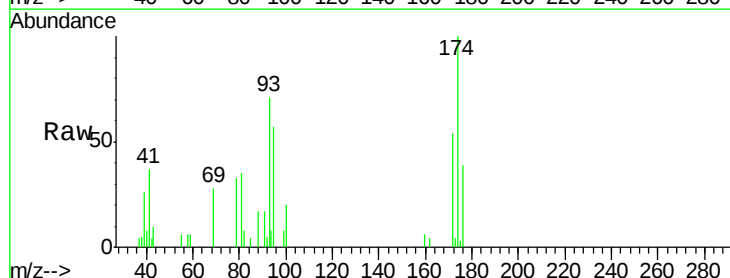
Tgt Ion: 93 Resp: 7405

Ion Ratio Lower Upper

93 100

95 90.1 63.9 95.9

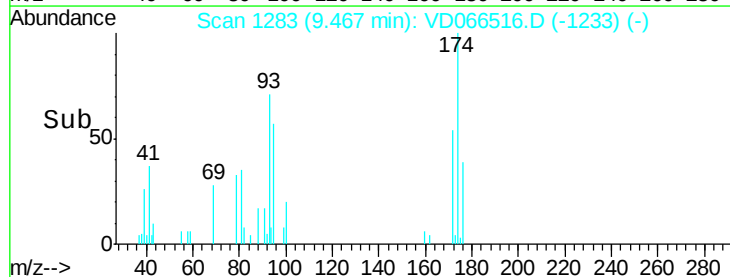
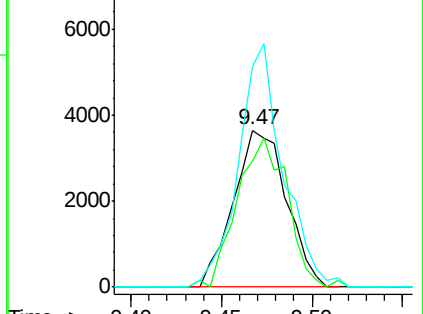
174 131.1 94.4 141.6

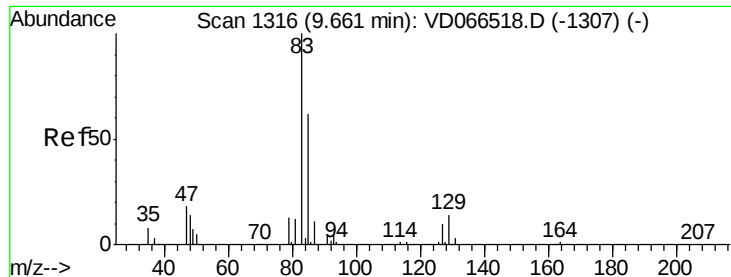


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 9.842 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

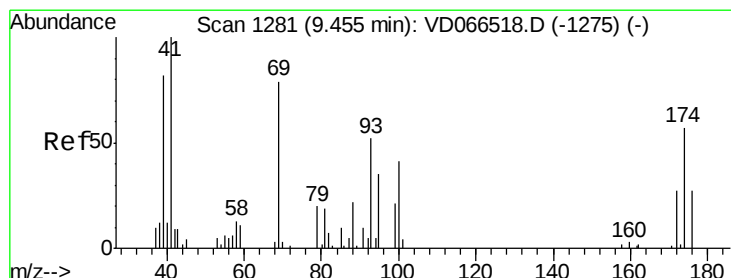
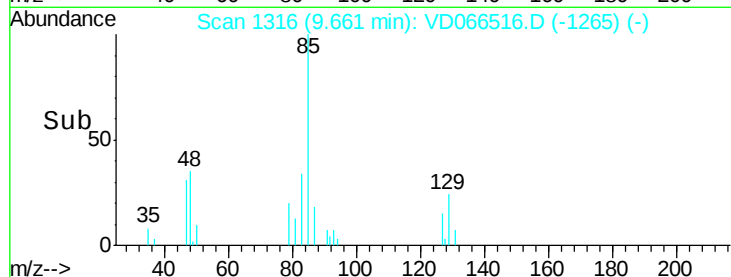
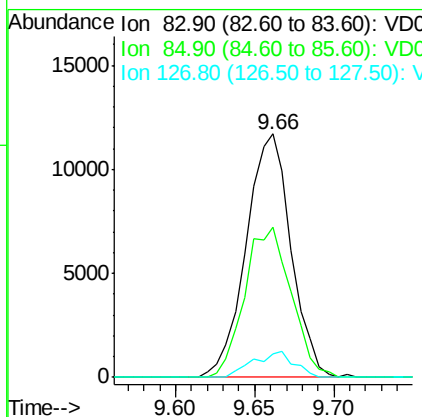
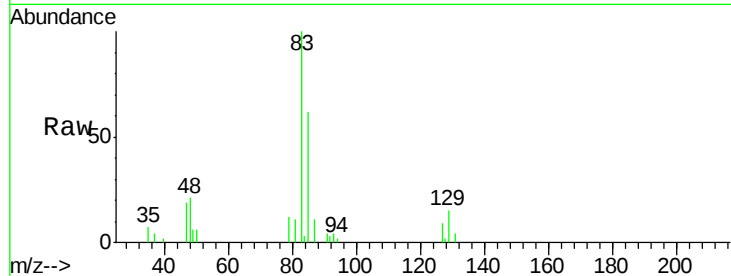
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	23064
Ion	Ratio	Lower	Upper
83	100		
85	61.7	49.6	74.4
127	9.4	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 10.096 ug/l

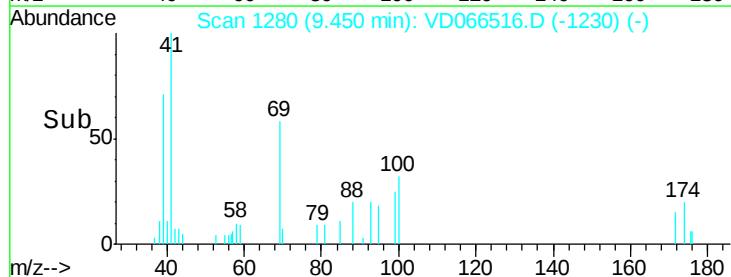
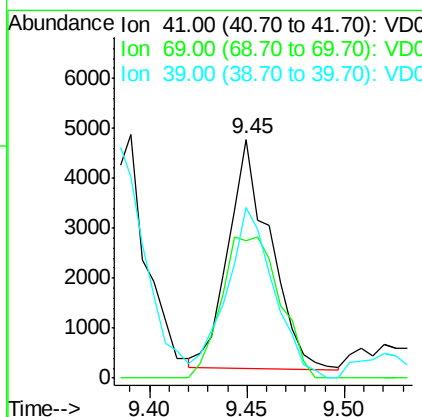
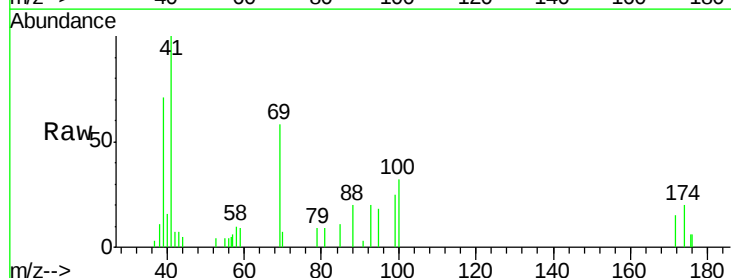
RT: 9.45 min Scan# 1280

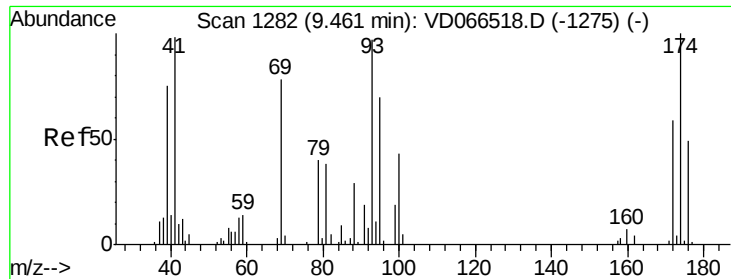
Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Tgt Ion:	41	Resp:	6808
Ion	Ratio	Lower	Upper
41	100		
69	86.0	71.1	106.7
39	84.4	75.4	113.2





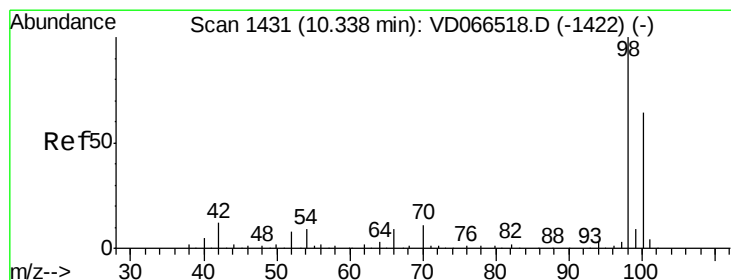
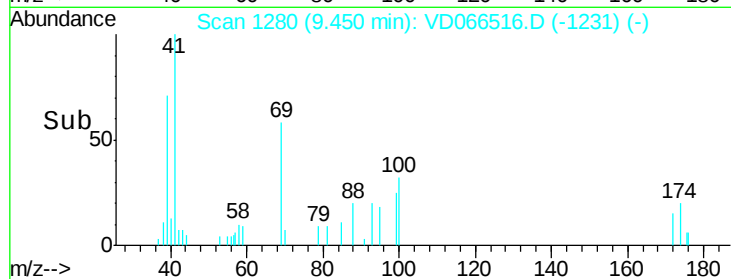
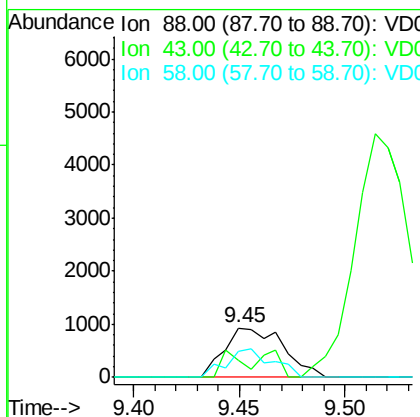
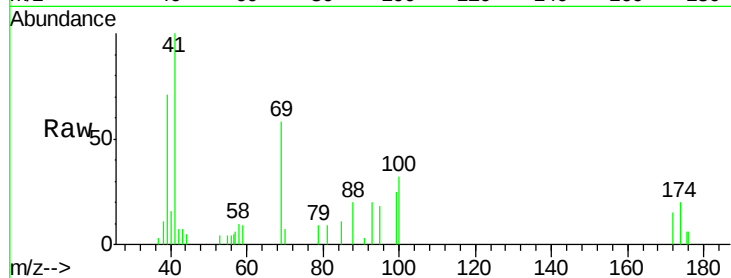
#49
1,4-Dioxane
Concen: 197.158 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	19.4	33.8	50.6#
58	43.7	46.2	69.4#

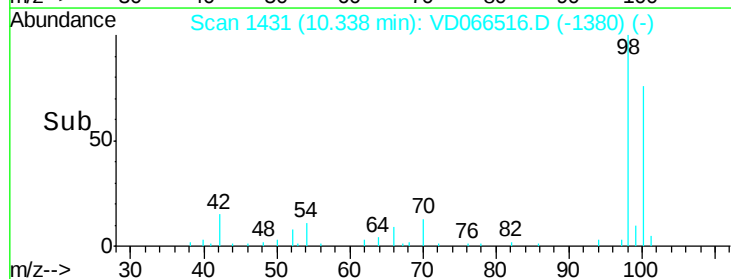
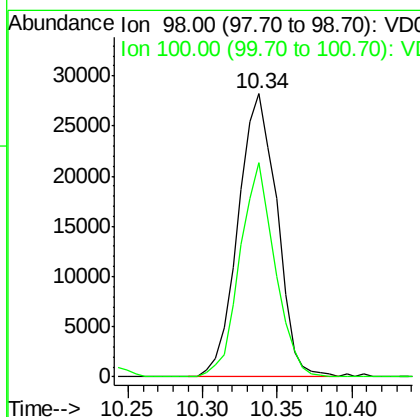
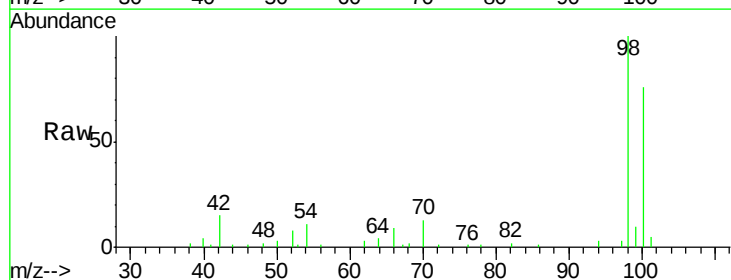
Manual Integrations
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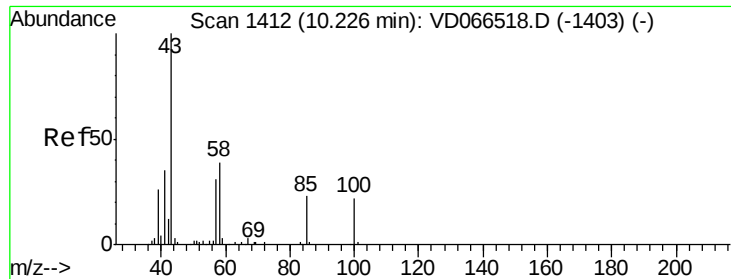
MMDadoda
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#50
Toluene-d8
Concen: 9.399 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.4	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 48.573 ug/l

RT: 10.22 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 29553

Ion Ratio Lower Upper

43 100

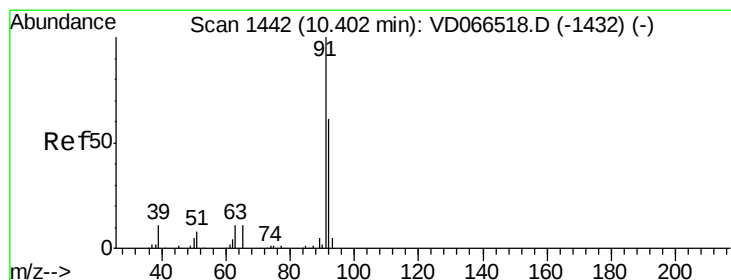
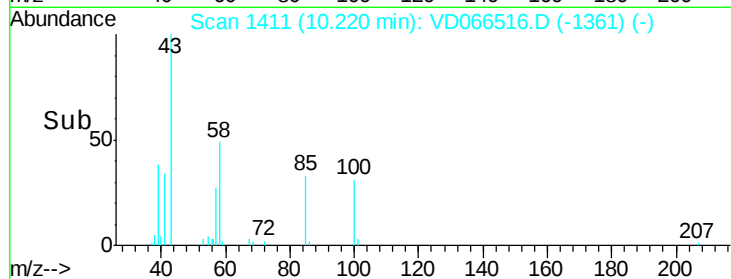
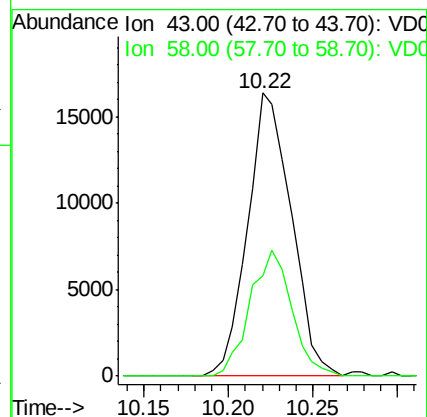
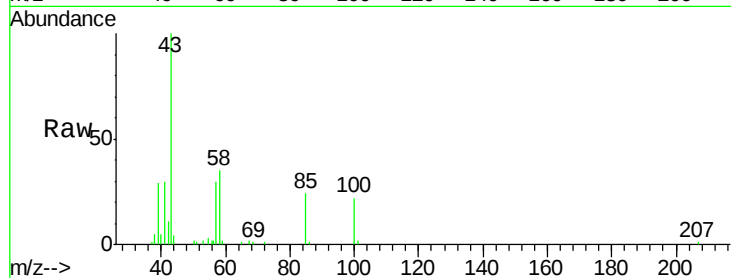
58 42.3 31.5 47.3

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#52

Toluene

Concen: 9.895 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066516.D

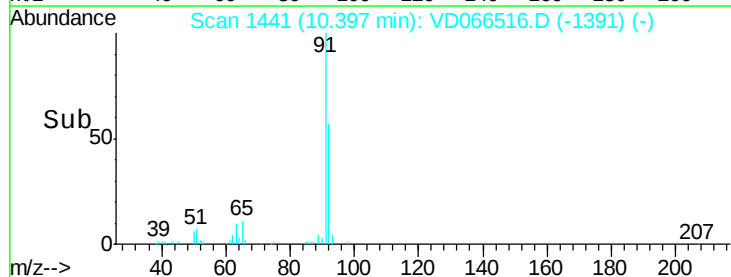
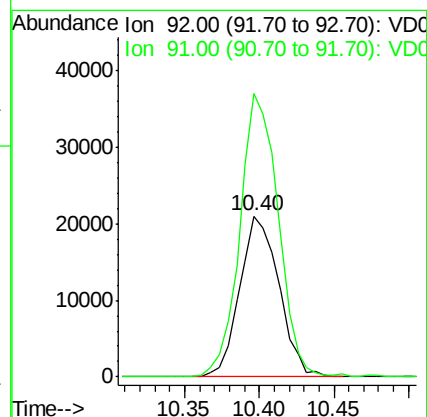
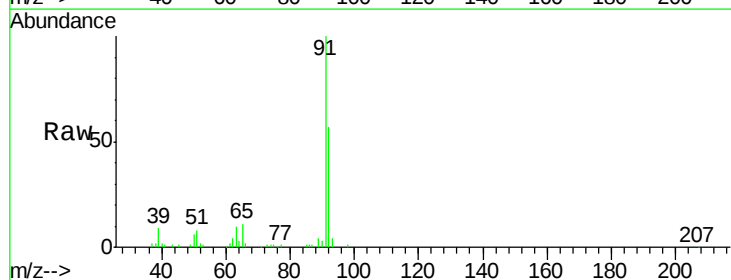
Acq: 02 Sep 2020 11:49

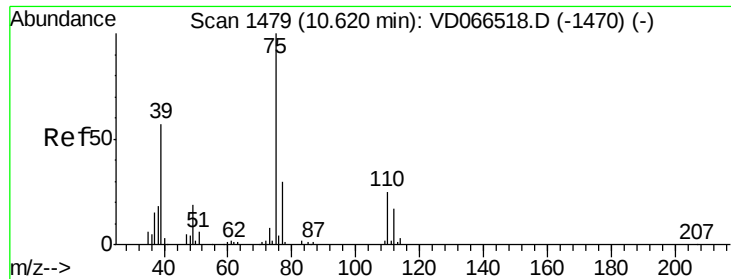
Tgt Ion: 92 Resp: 38205

Ion Ratio Lower Upper

92 100

91 172.6 135.0 202.4





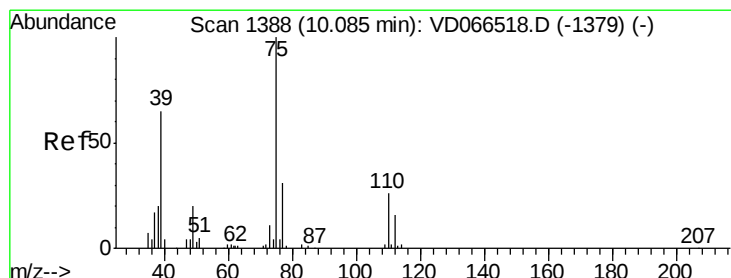
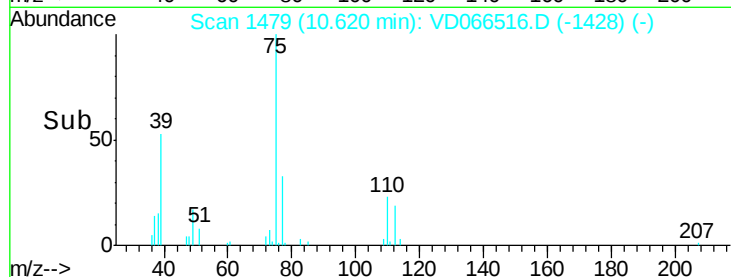
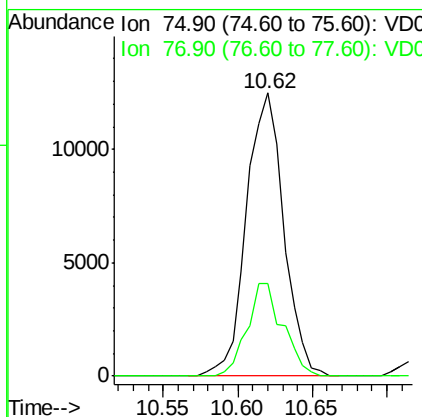
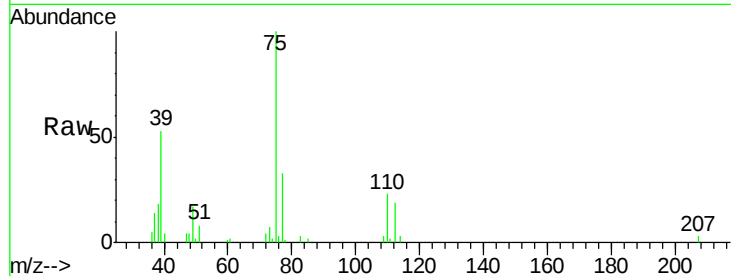
#53
t-1,3-Dichloropropene
Concen: 10.086 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 75 Resp: 21596
Ion Ratio Lower Upper
75 100
77 32.7 23.7 35.5

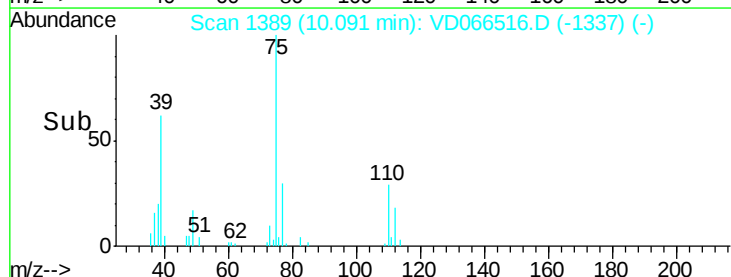
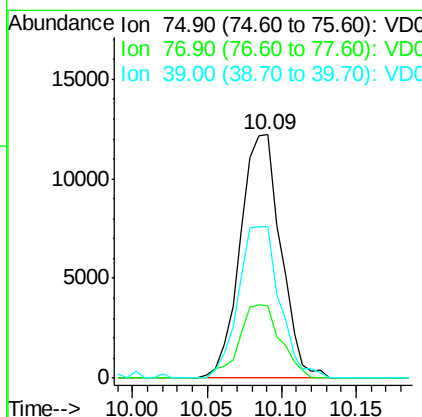
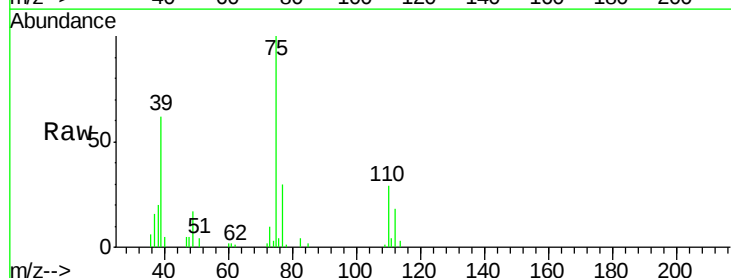
Manual Integrations
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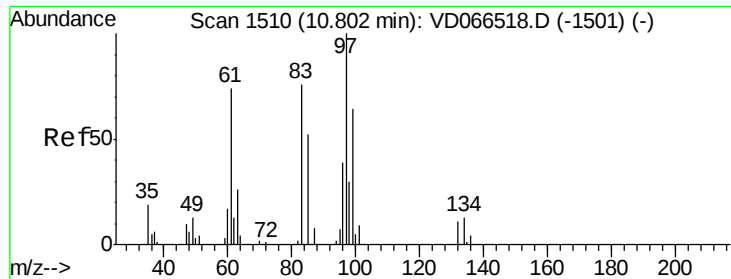
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#54
cis-1,3-Dichloropropene
Concen: 10.193 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 75 Resp: 22992
Ion Ratio Lower Upper
75 100
77 29.8 24.5 36.7
39 62.0 52.4 78.6





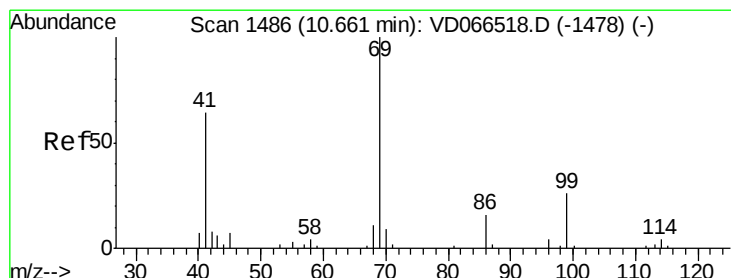
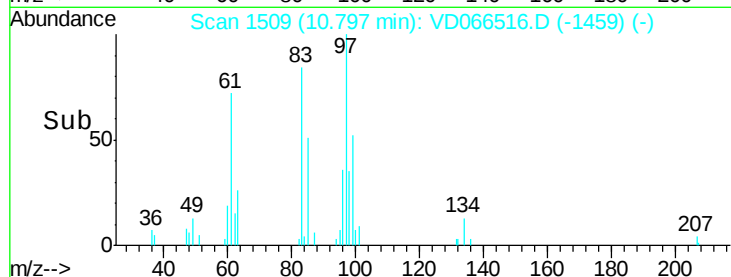
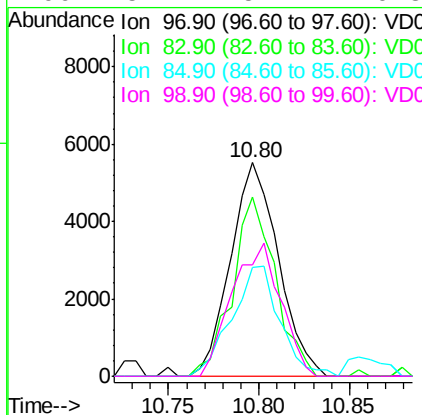
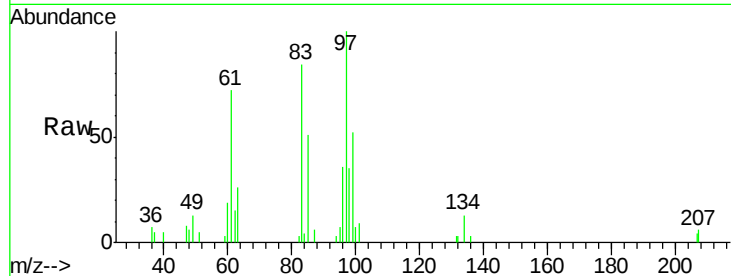
#55
 1,1,2-Trichloroethane
 Concen: 10.161 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	10124
Ion	Ratio	Lower	Upper
97	100		
83	83.9	61.2	91.8
85	51.1	42.0	63.0
99	52.2	51.2	76.8

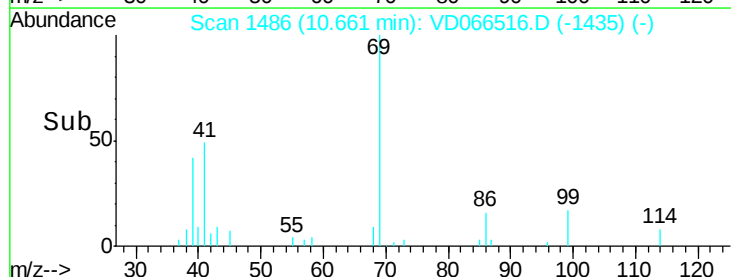
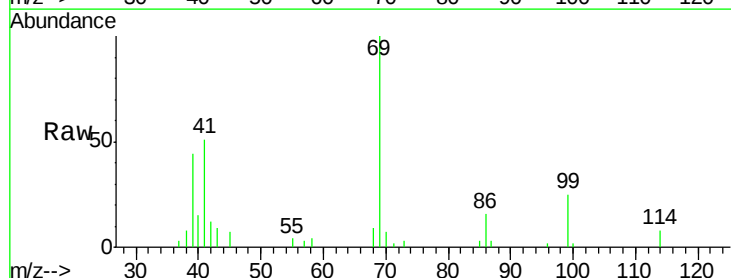
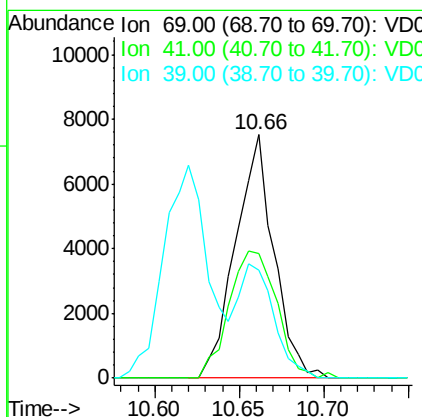
Manual Integrations
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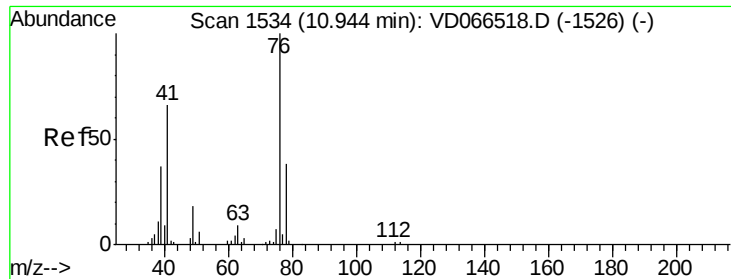
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#56
 Ethyl methacrylate
 Concen: 10.159 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion:	69	Resp:	11912
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.5	78.7
39	43.5	42.1	63.1





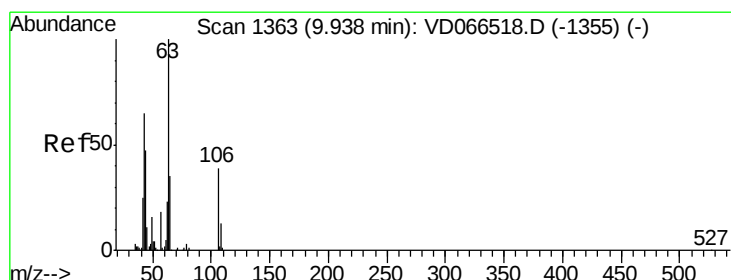
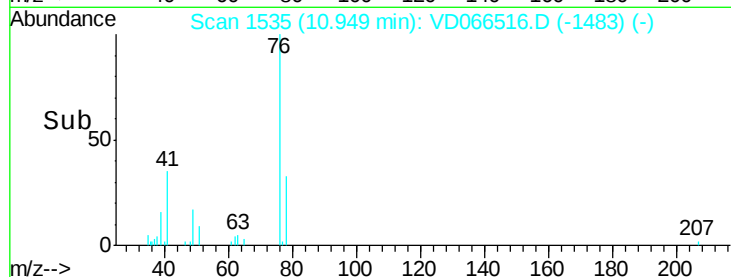
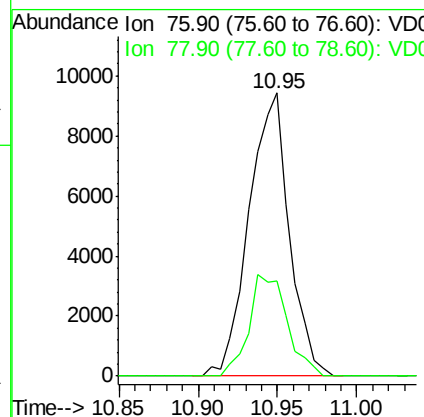
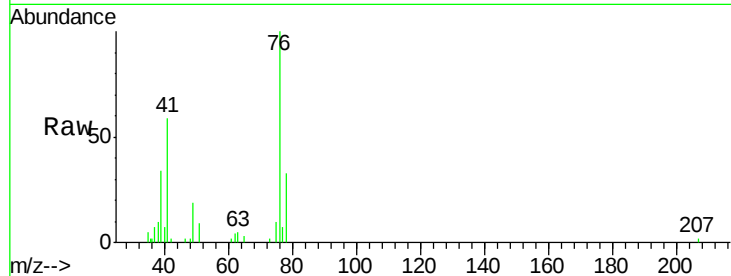
#57
 1,3-Dichloropropane
 Concen: 10.127 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.9	28.2	42.2

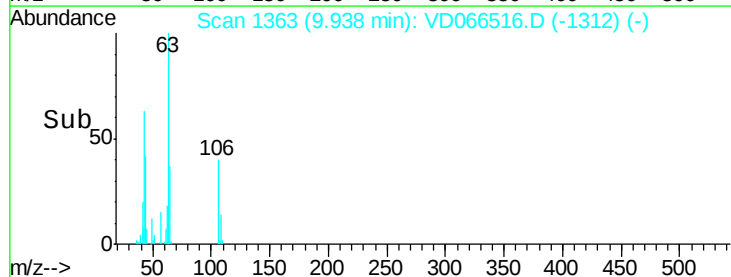
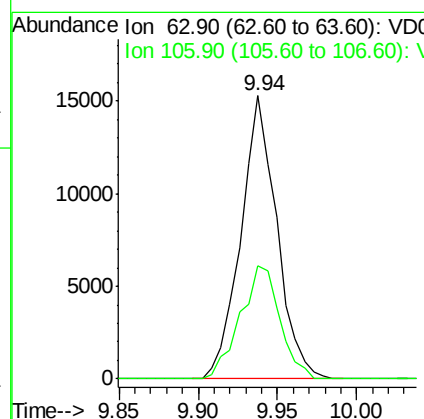
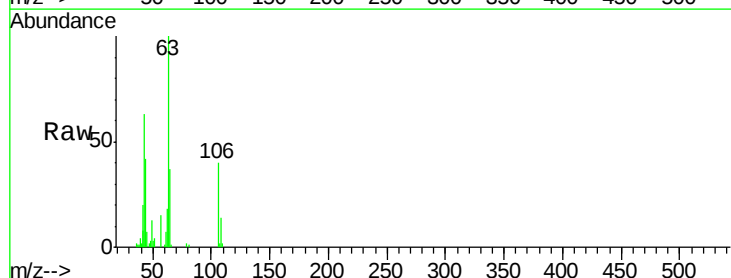
Manual Integrations
 APPROVED

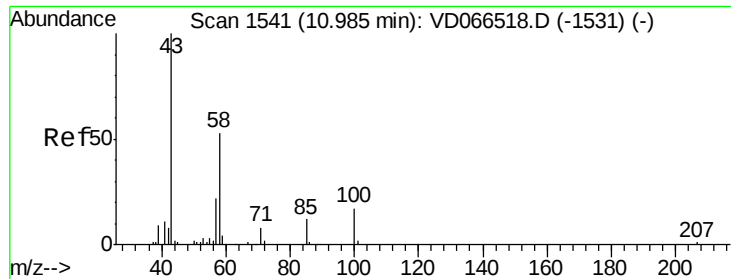
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 52.578 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	43.8	32.1	48.1





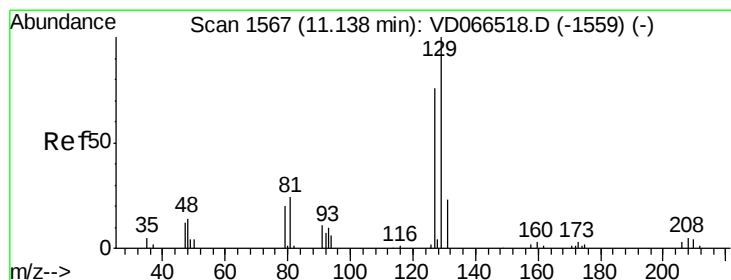
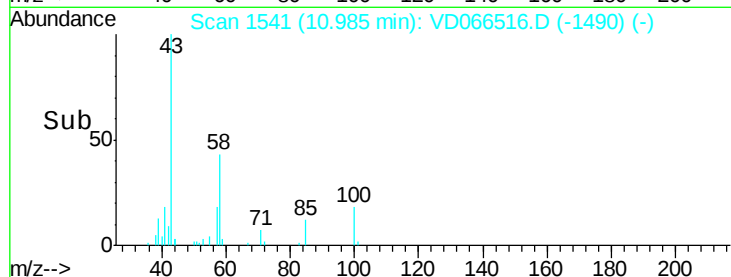
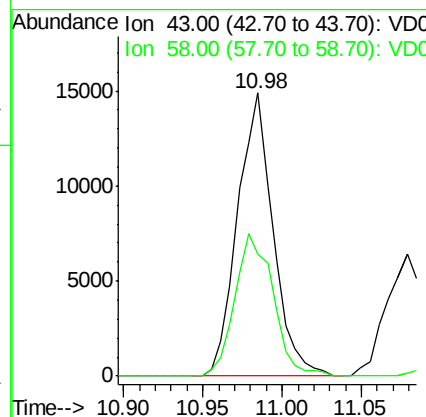
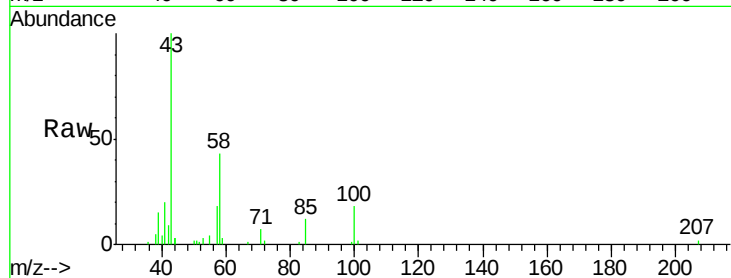
#59
2-Hexanone
Concen: 52.693 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 23154
Ion Ratio Lower Upper
43 100
58 54.0 25.7 77.0

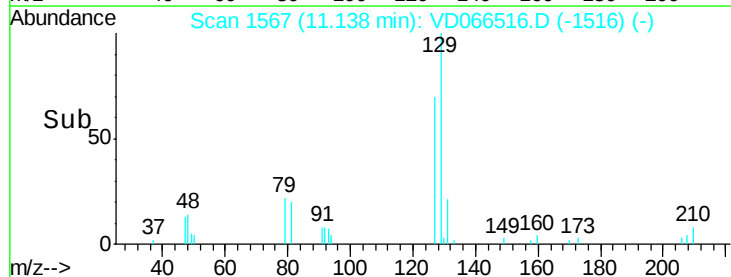
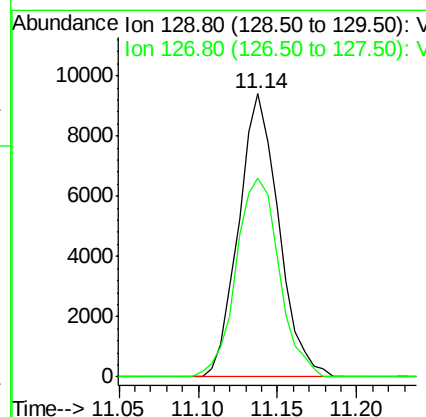
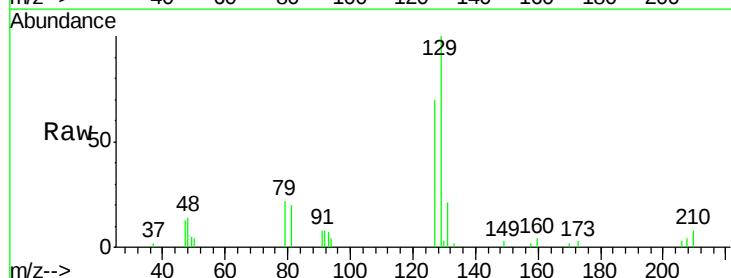
Manual Integrations
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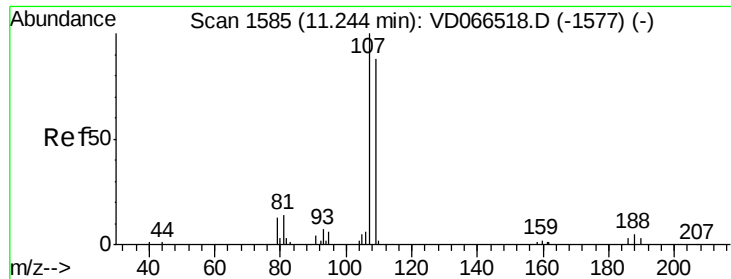
MMDadoda
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#60
Dibromochloromethane
Concen: 10.006 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion: 129 Resp: 16486
Ion Ratio Lower Upper
129 100
127 75.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 10.094 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:107 Resp: 10251

Ion Ratio Lower Upper

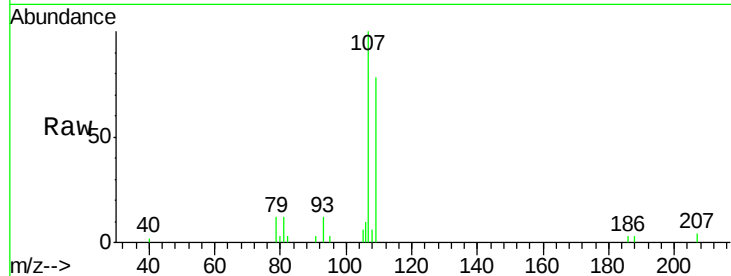
107 100

109 88.0 75.8 113.8

Manual Integrations
APPROVED

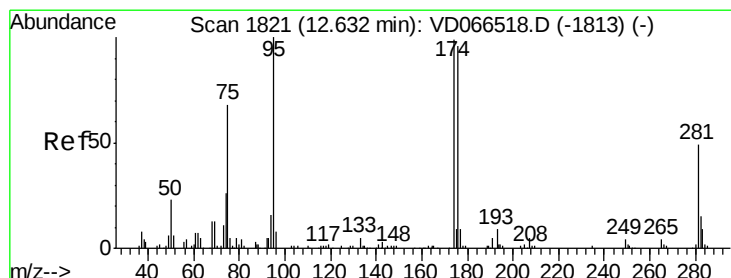
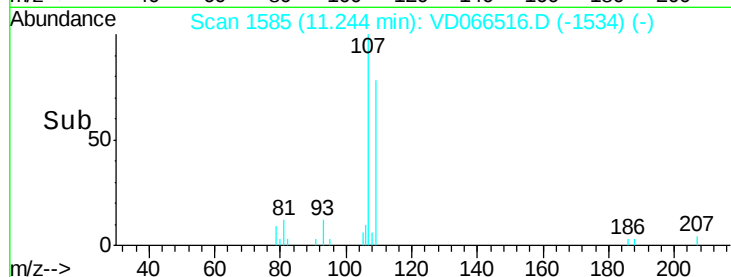
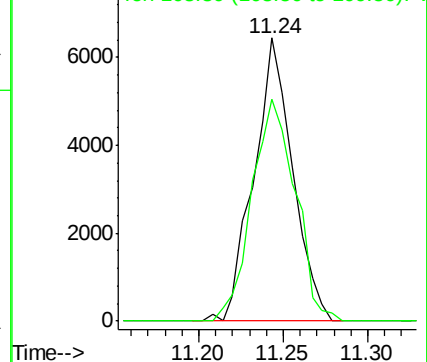
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 10.125 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

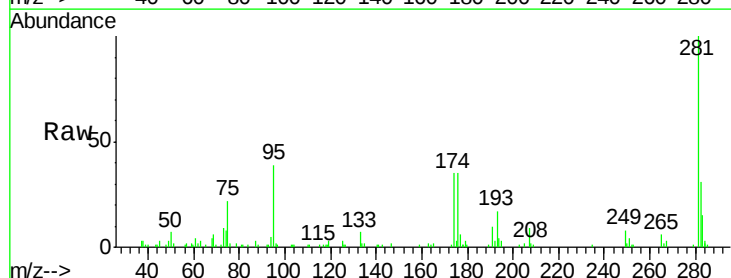
Tgt Ion: 95 Resp: 19567

Ion Ratio Lower Upper

95 100

174 89.7 0.0 203.2

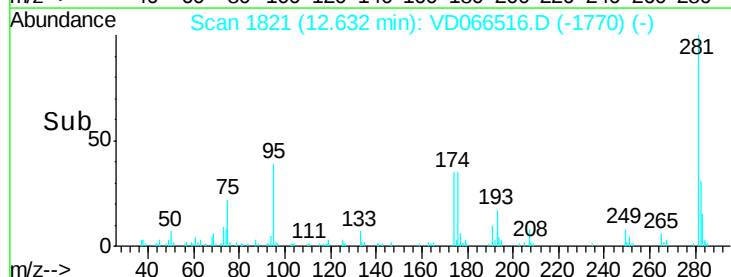
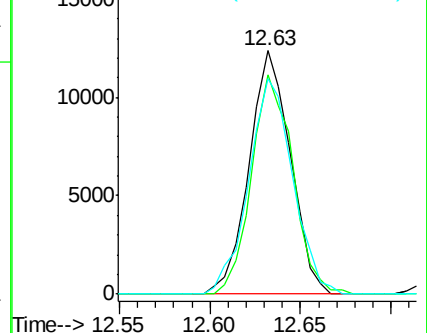
176 95.1 0.0 198.6

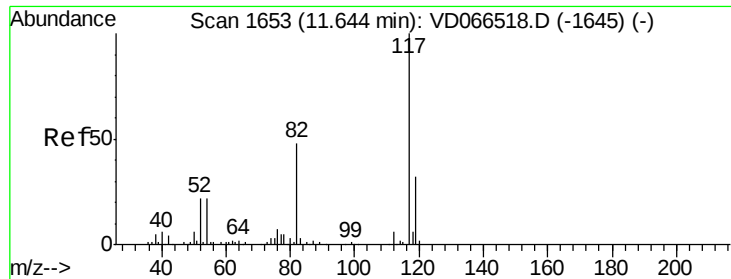


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





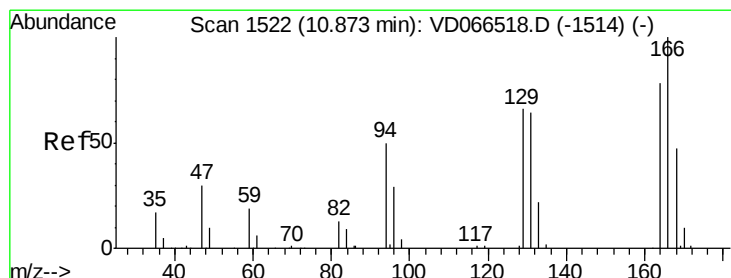
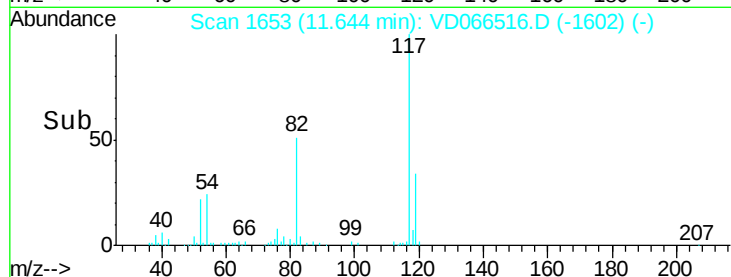
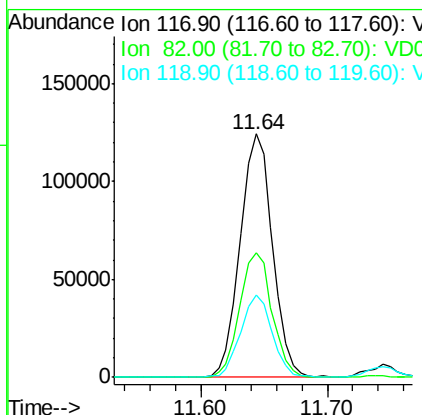
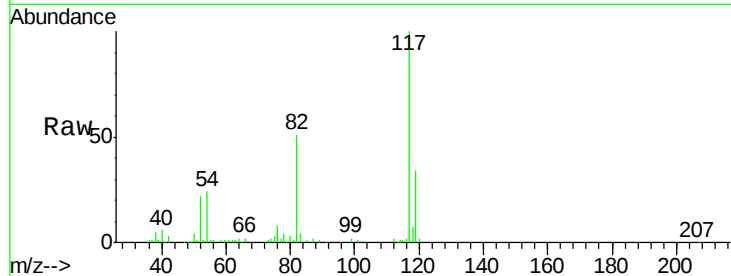
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	220150		
82	51.4	38.5	57.7	
119	33.6	25.9	38.9	

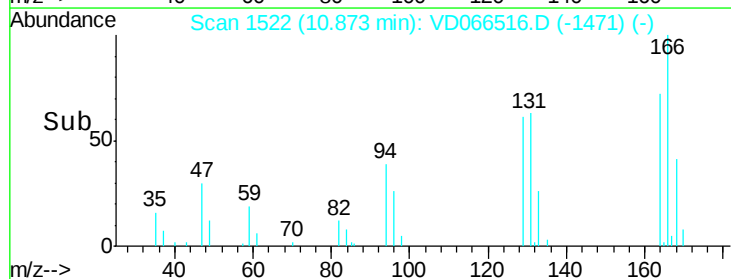
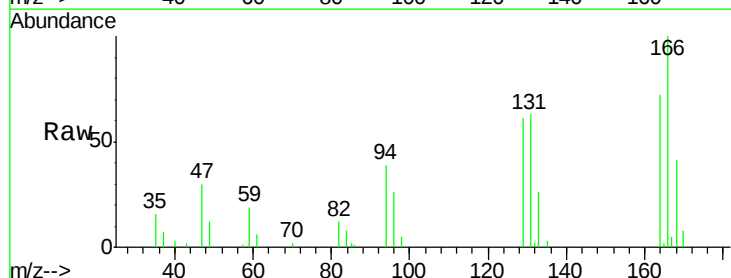
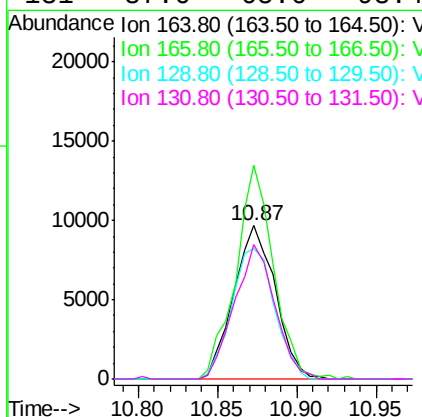
Manual Integrations
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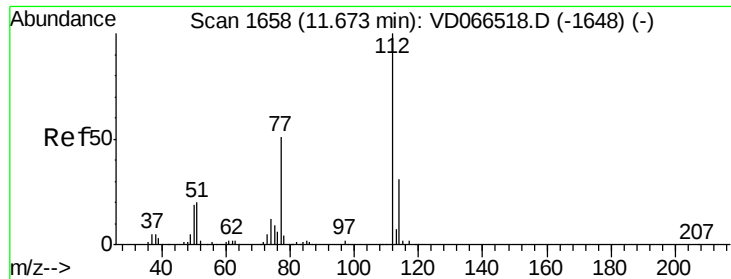
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#64
Tetrachloroethene
Concen: 10.255 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	17602		
166	139.1	103.0	154.6	
129	84.9	68.3	102.5	
131	87.6	65.6	98.4	





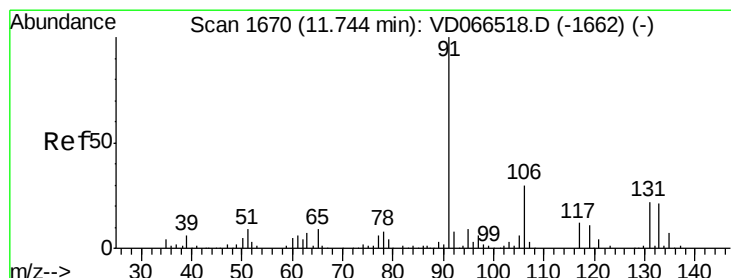
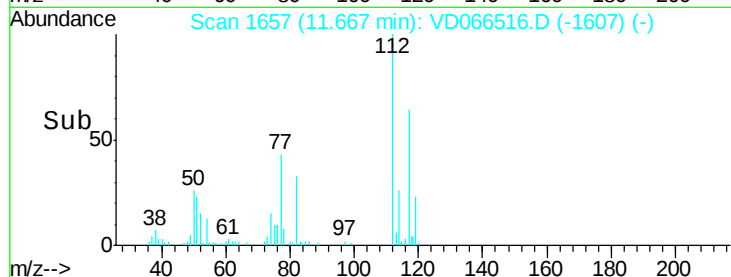
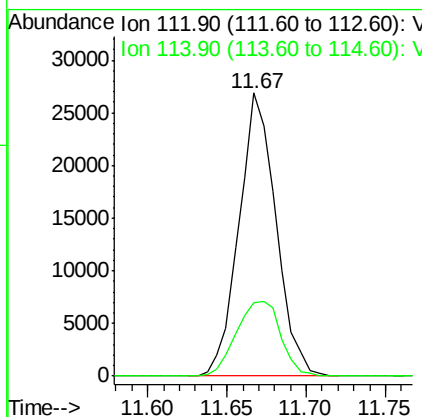
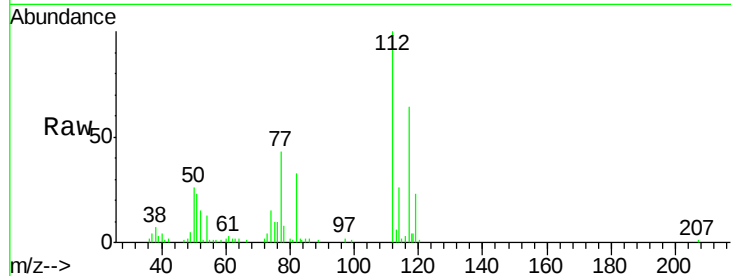
#65
Chlorobenzene
Concen: 10.051 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 43535
Ion Ratio Lower Upper
112 100
114 26.1 24.8 37.2

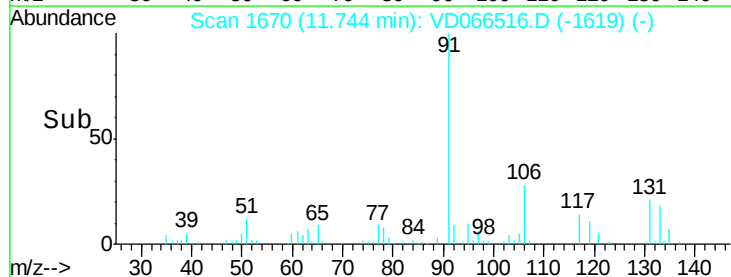
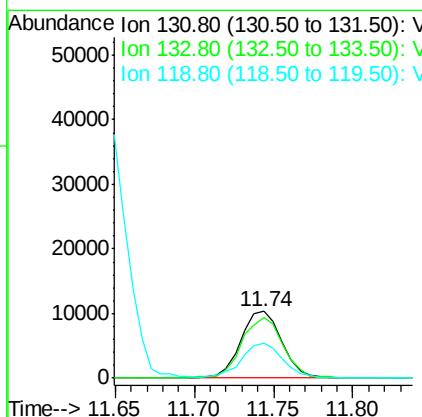
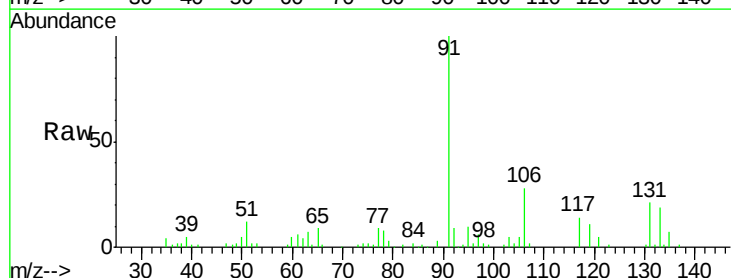
Manual Integrations
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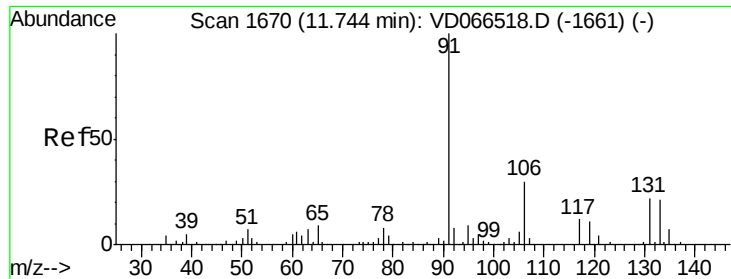
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.170 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion:131 Resp: 18637
Ion Ratio Lower Upper
131 100
133 91.6 47.5 142.5
119 53.2 27.2 81.6





#67

Ethyl Benzene

Concen: 10.263 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 78306

Ion Ratio Lower Upper

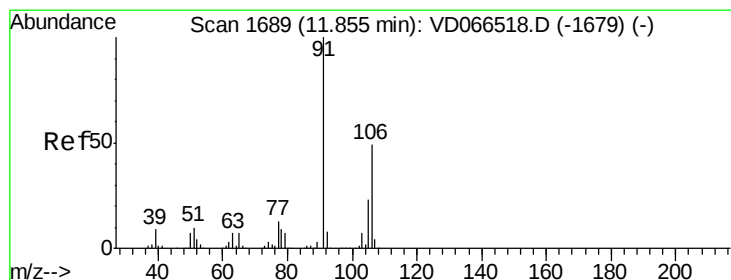
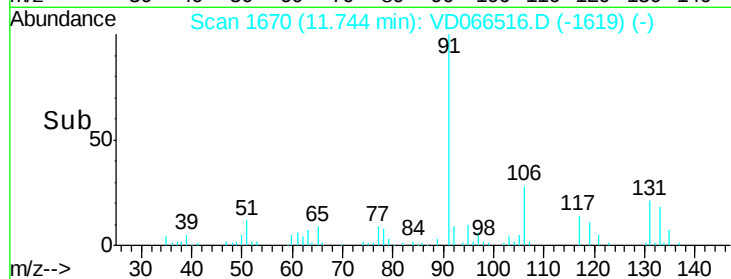
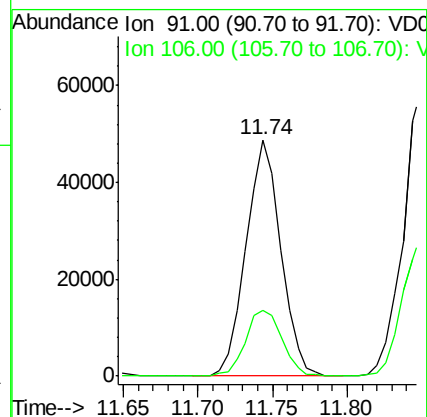
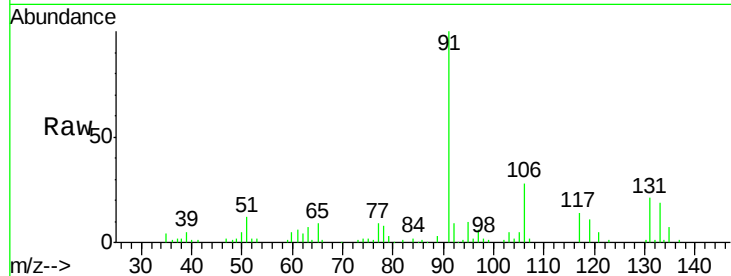
91 100

106 28.1 24.0 36.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 19.866 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066516.D

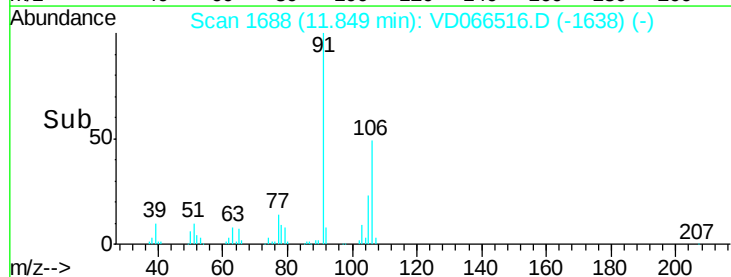
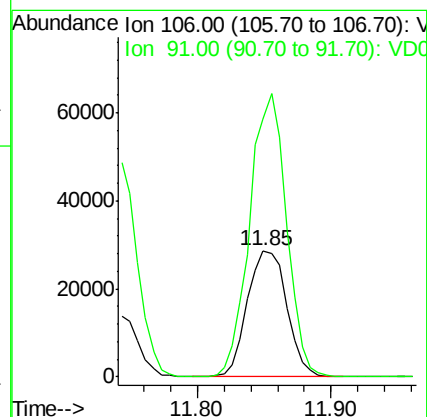
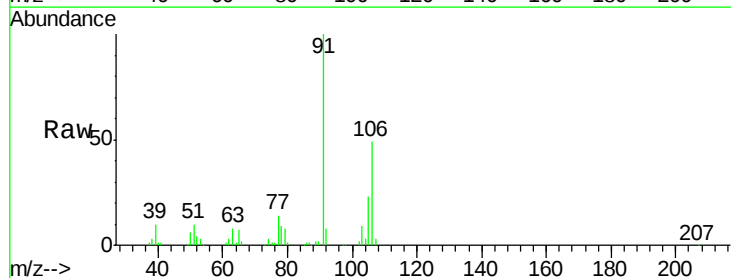
Acq: 02 Sep 2020 11:49

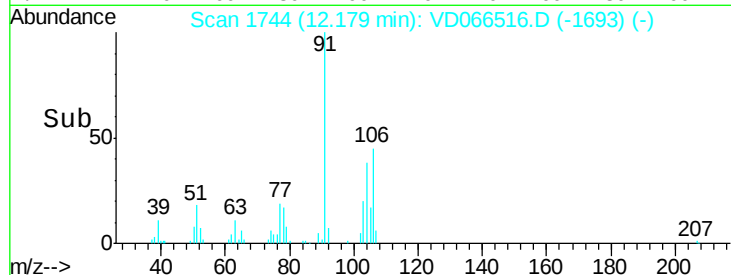
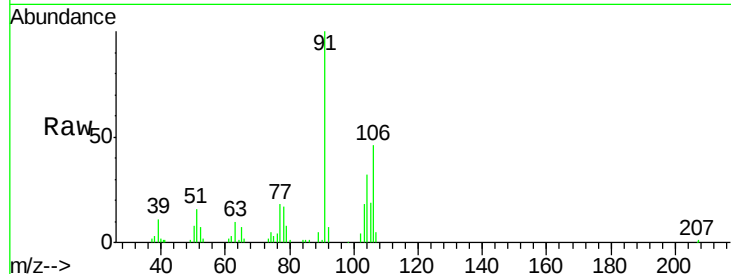
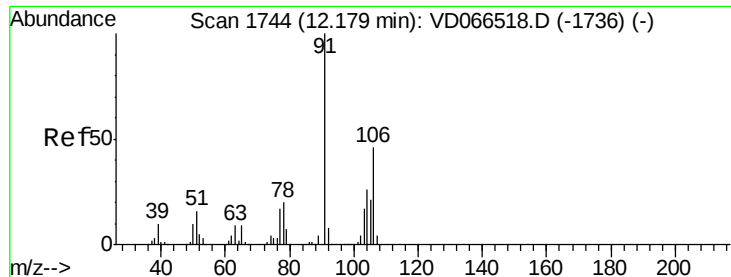
Tgt Ion: 106 Resp: 58645

Ion Ratio Lower Upper

106 100

91 208.3 163.3 244.9





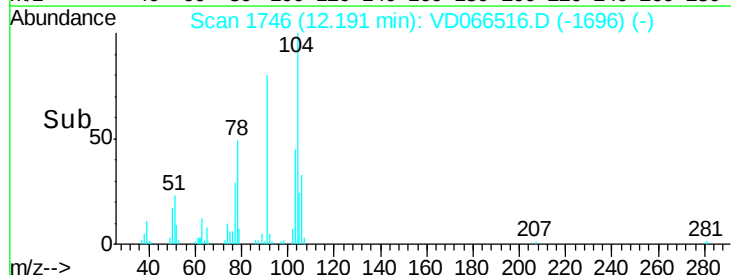
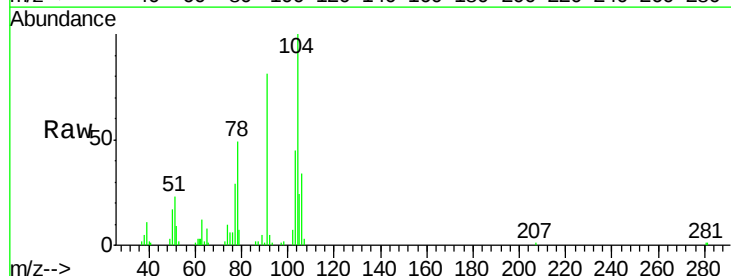
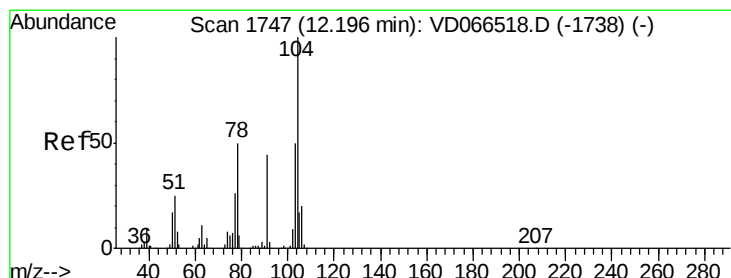
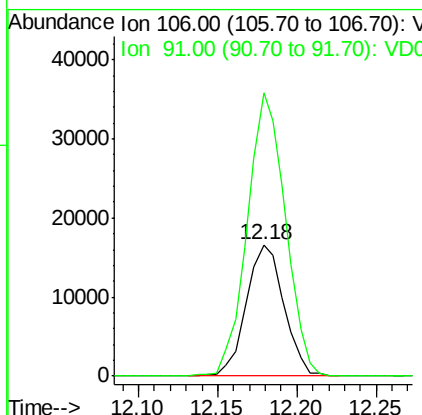
#69
o-Xylene
Concen: 9.827 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tot Ion:106 Resp: 27478
Ion Ratio Lower Upper
106 100
91 217.9 108.7 326.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

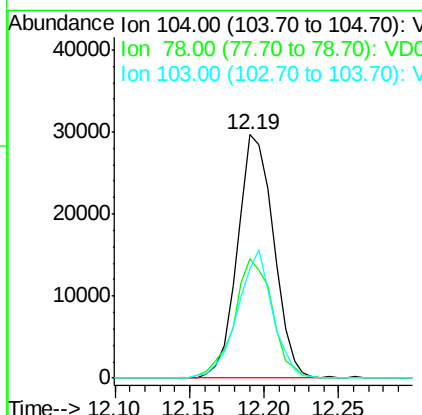
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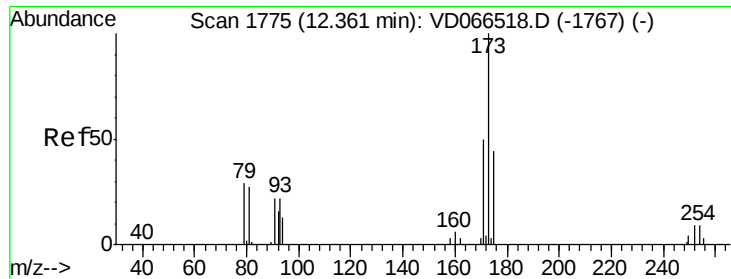
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#70
Styrene
Concen: 10.414 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion:104 Resp: 49854
Ion Ratio Lower Upper
104 100
78 51.9 44.3 66.5
103 51.2 44.1 66.1





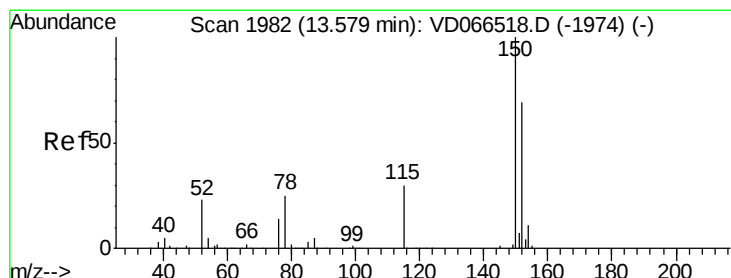
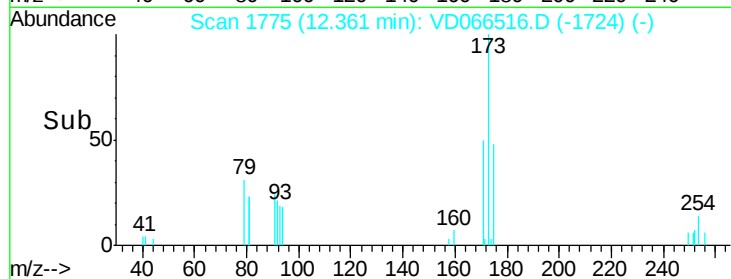
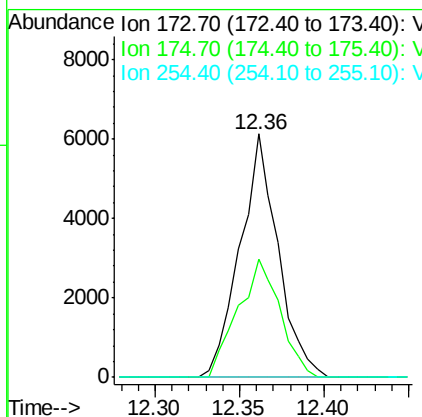
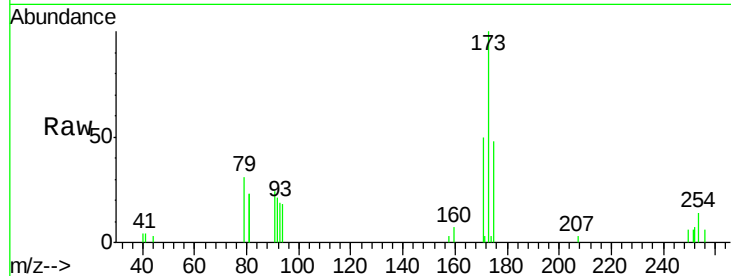
#71
Bromoform
Concen: 9.583 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	53.8	22.3	66.8
254	0.0	0.0	0.0

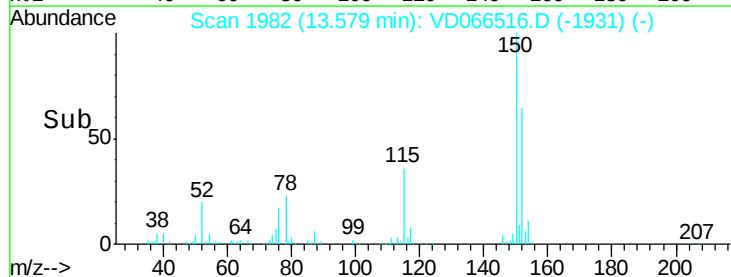
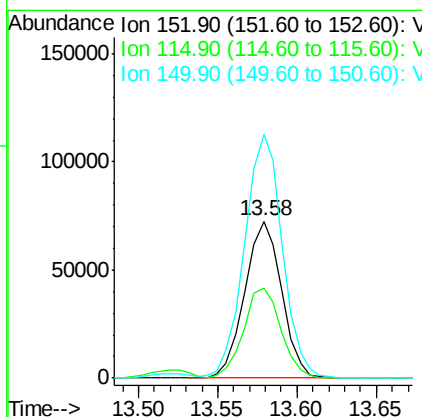
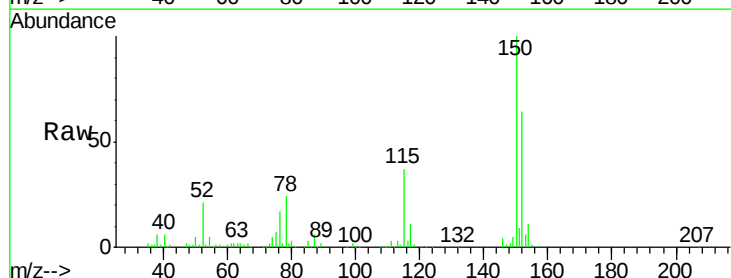
Manual Integrations
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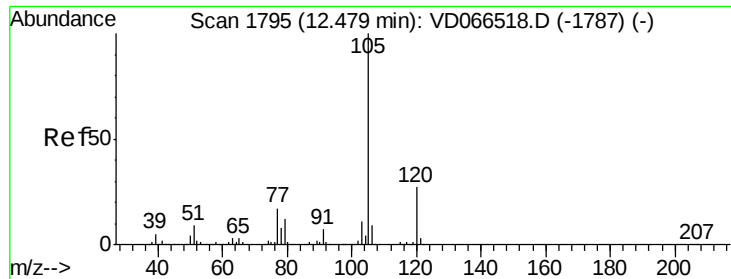
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.9	86.8
150	159.7	0.0	339.6





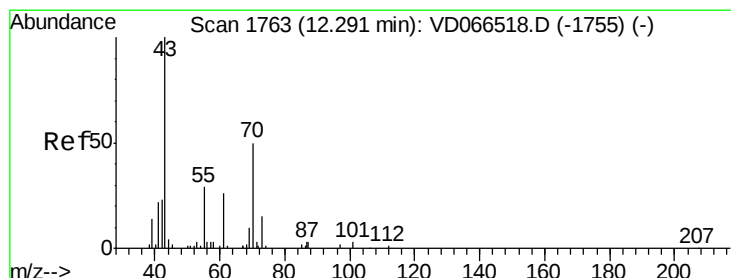
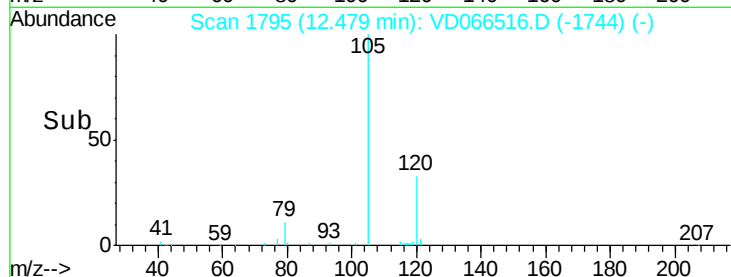
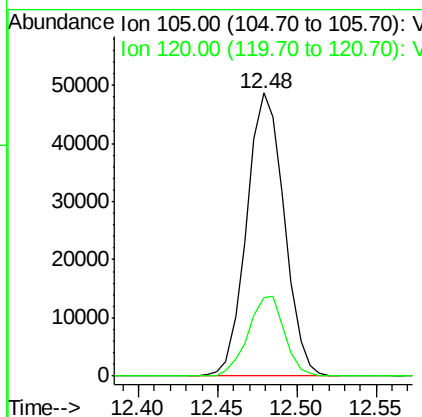
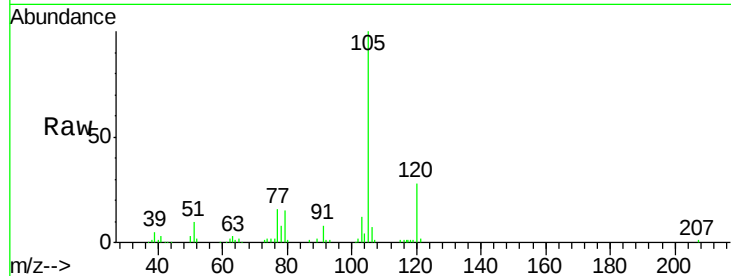
#73
Isopropylbenzene
Concen: 10.234 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.5	40.5

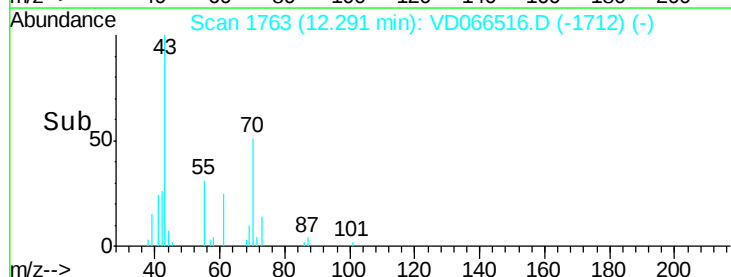
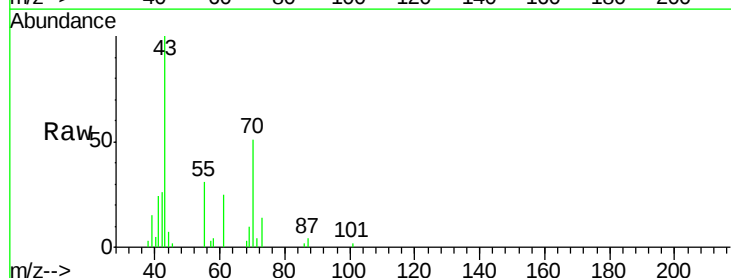
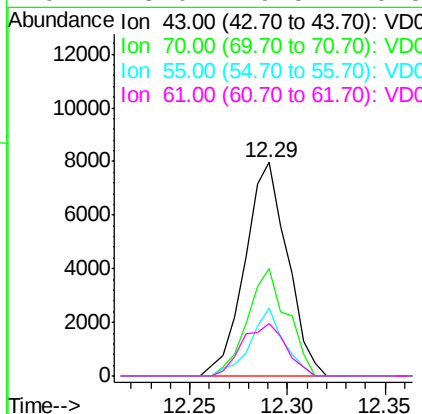
Manual Integrations
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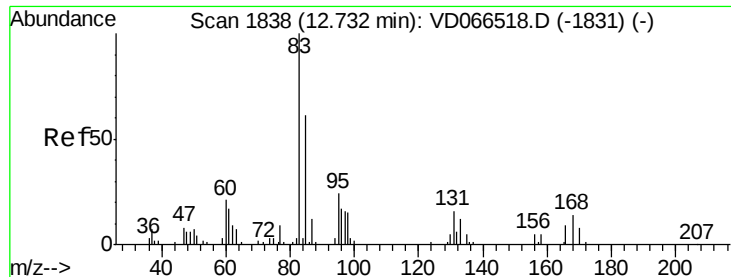
MMDadoda
9/3/2020 4:57:11 PM



#74
N-ethyl acetate
Concen: 10.200 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.6	36.2	54.2
55	24.9	20.6	30.8
61	25.0	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 10.825 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

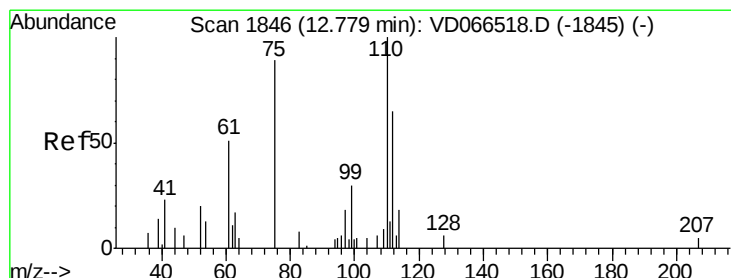
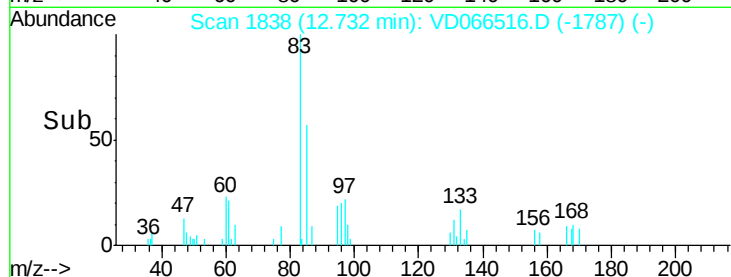
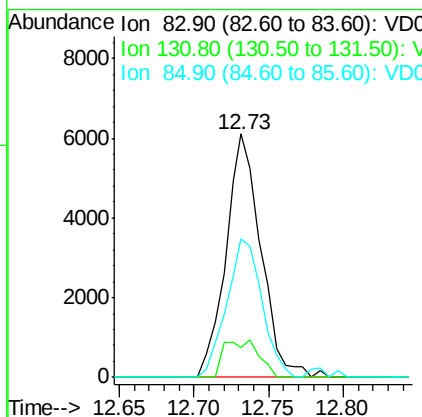
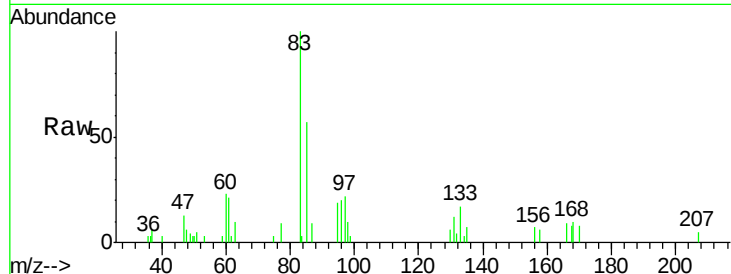
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	10013
Ion Ratio	Lower	Upper	
83	100		
131	15.2	8.3	24.9
85	57.1	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 10.109 ug/l m

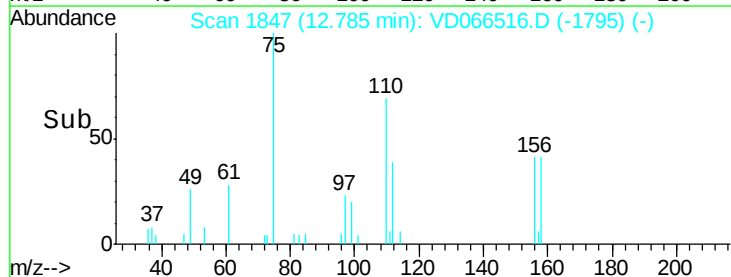
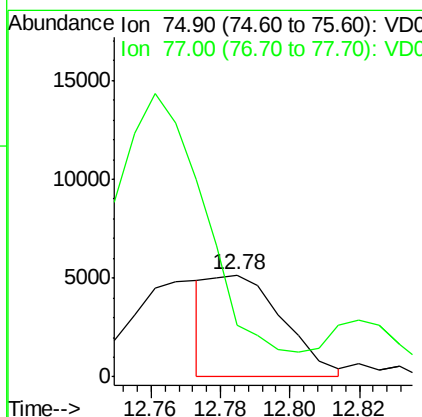
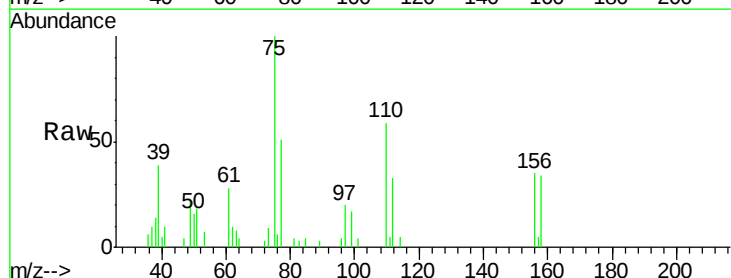
RT: 12.78 min Scan# 1847

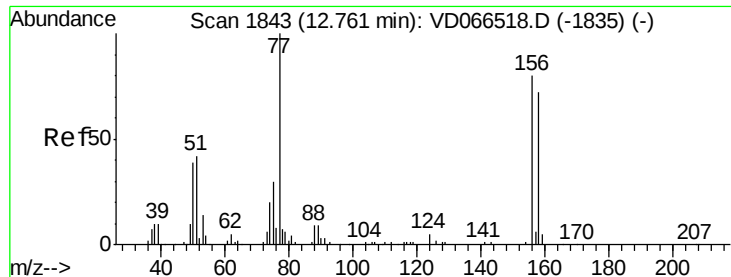
Delta R.T. 0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Tgt Ion:	75	Resp:	7480
Ion Ratio	Lower	Upper	
75	100		
77	0.0	196.9	590.7#





#77

Bromobenzene

Concen: 10.245 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

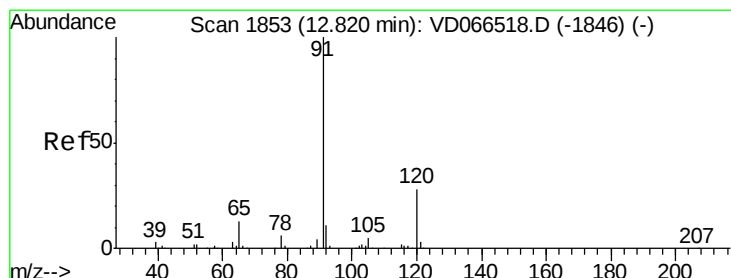
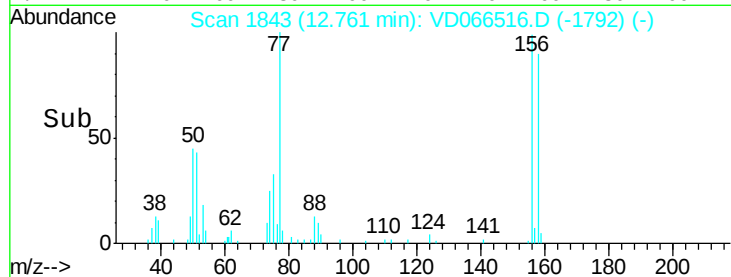
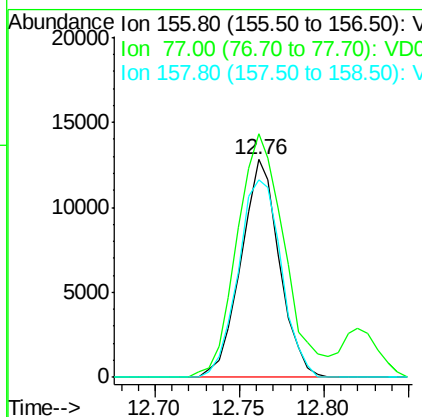
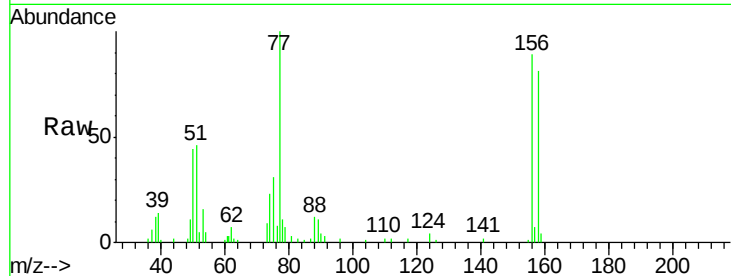
ClientSampleId :

VSTDIC010

Tot Ion:	156	Resp:	20352
Ion	Ratio	Lower	Upper
156	100		
77	138.3	71.0	213.2
158	101.5	49.5	148.7

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#78

n-propylbenzene

Concen: 9.986 ug/l

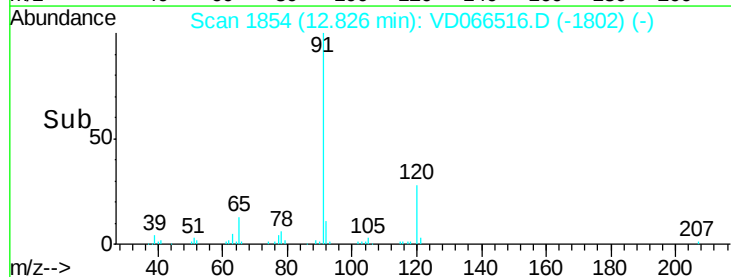
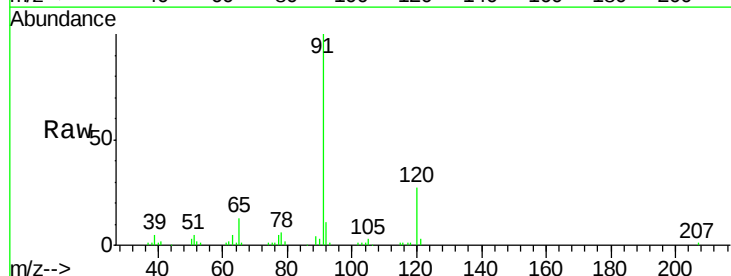
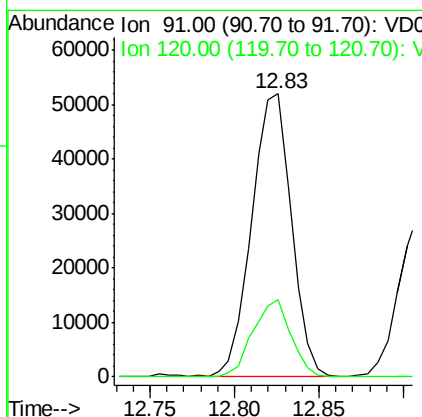
RT: 12.83 min Scan# 1854

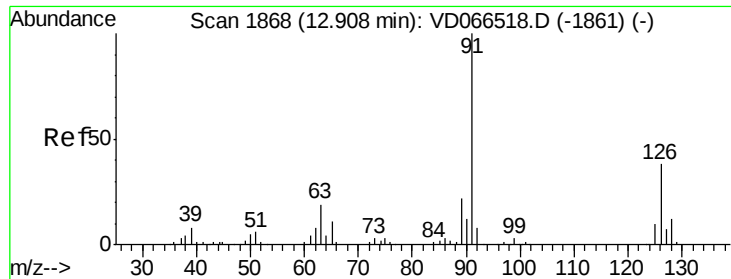
Delta R.T. 0.01 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Tgt Ion:	91	Resp:	85186
Ion	Ratio	Lower	Upper
91	100		
120	26.2	13.0	39.0





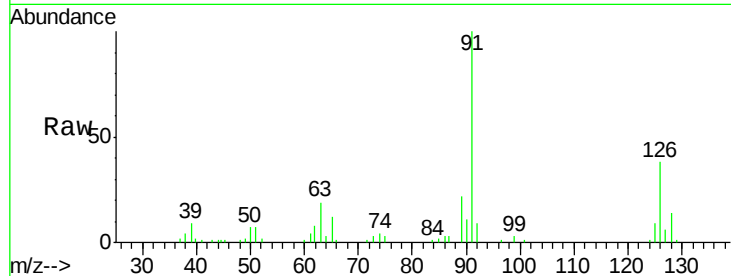
#79
 2-Chlorotoluene
 Concen: 9.942 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

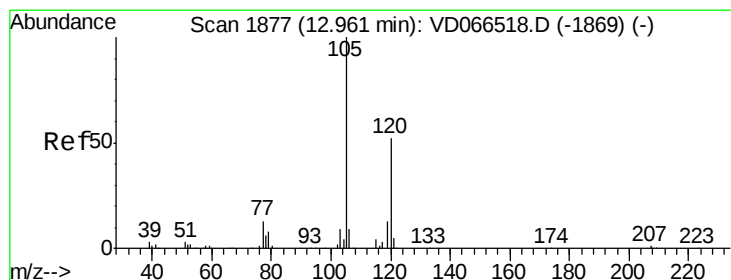
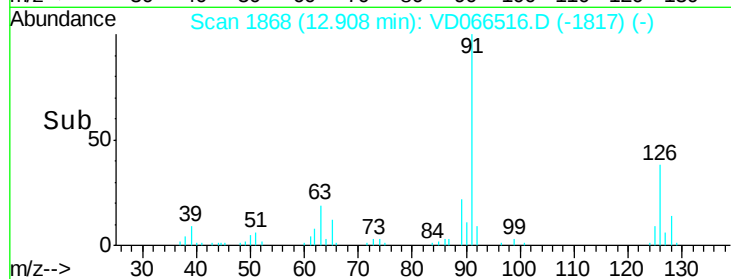
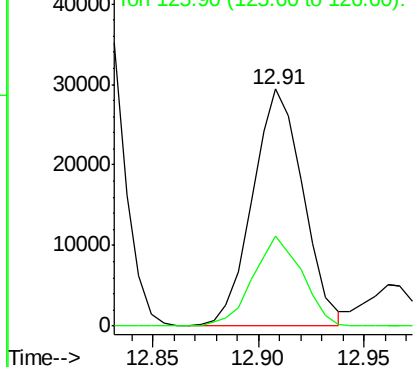
Tot Ion: 91 Resp: 49072
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.7 56.1

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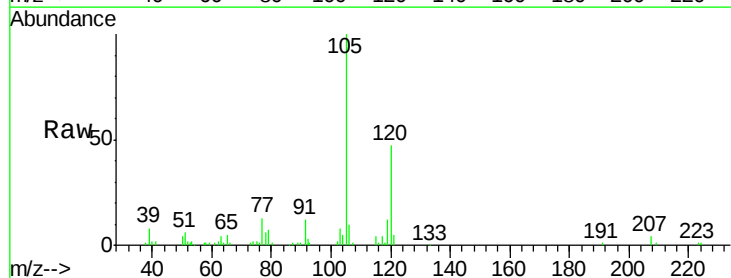


Abundance Ion 91.00 (90.70 to 91.70): VD
 Ion 125.90 (125.60 to 126.60): V

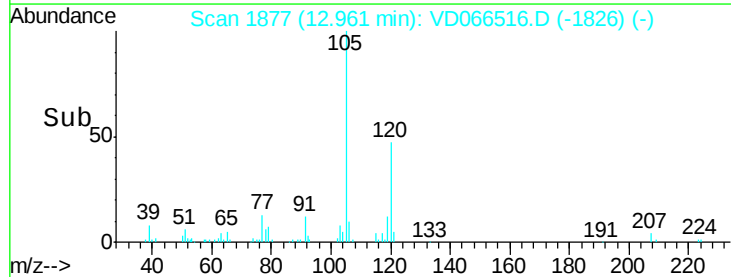
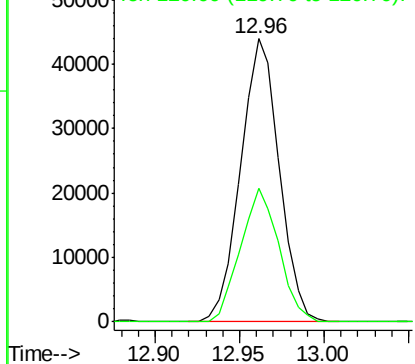


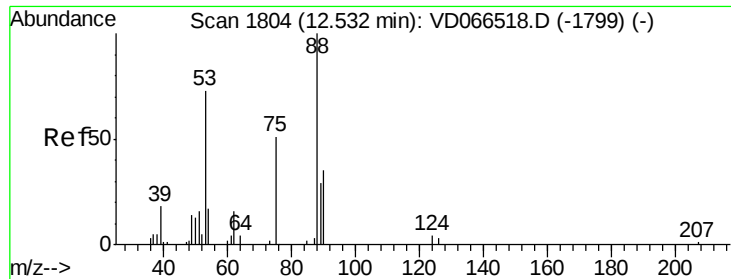
#80
 1,3,5-Trimethylbenzene
 Concen: 10.260 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion:105 Resp: 69830
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





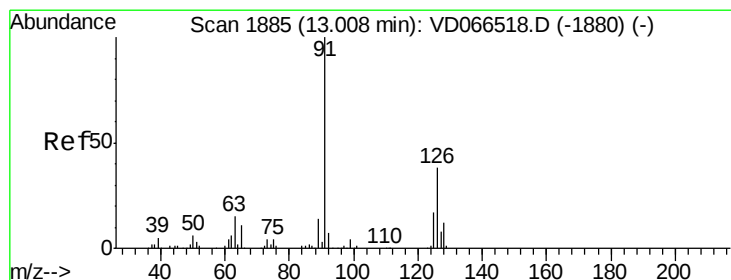
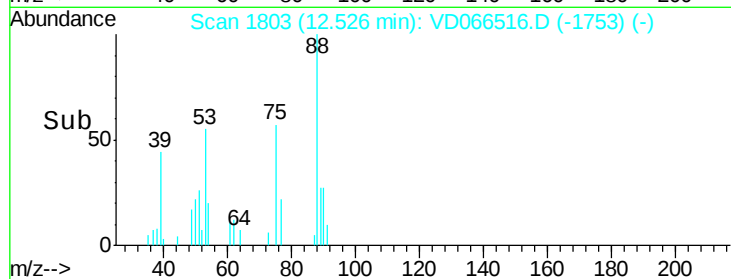
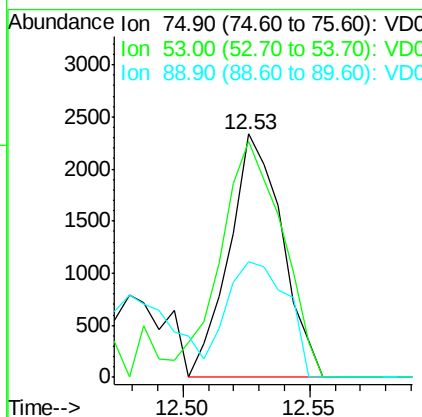
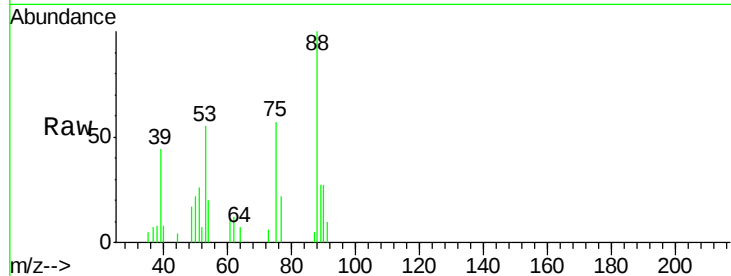
#81
trans-1,4-Dichloro-2-butene
Concen: 10.210 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.9	101.8	152.8
89	53.9	46.0	69.0

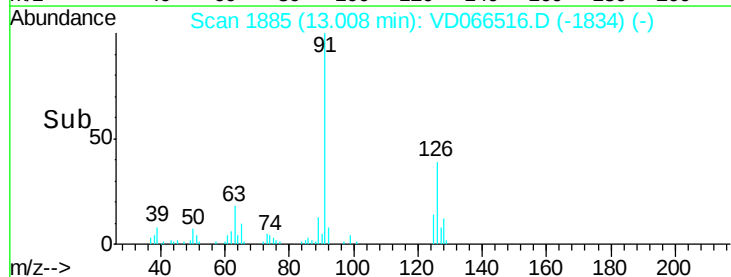
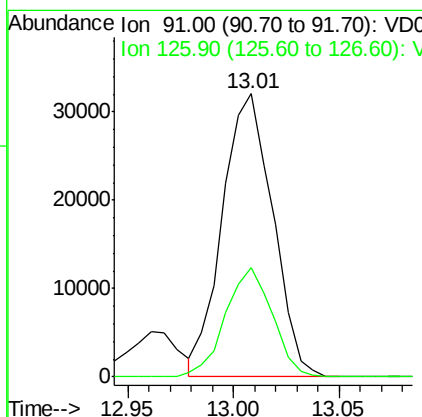
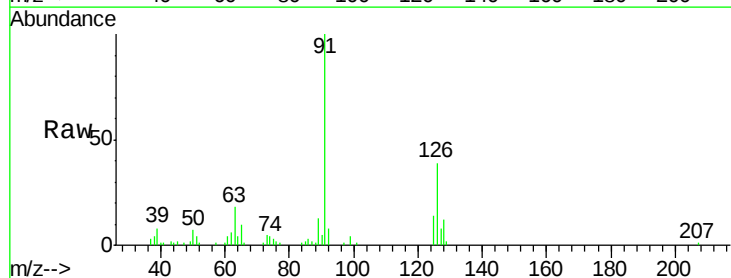
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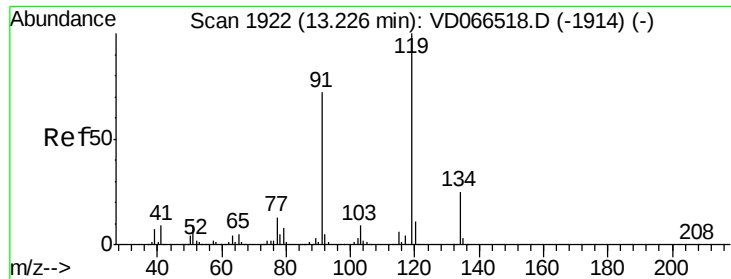
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#82
4-Chlorotoluene
Concen: 10.004 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	18.2	54.6





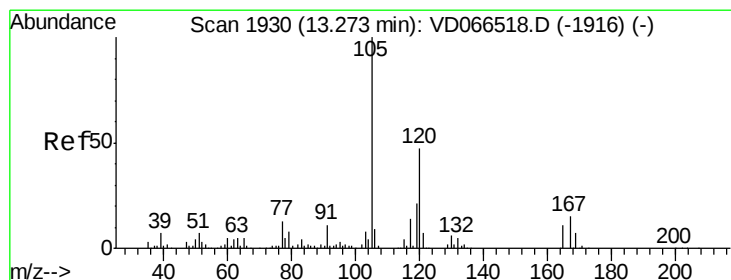
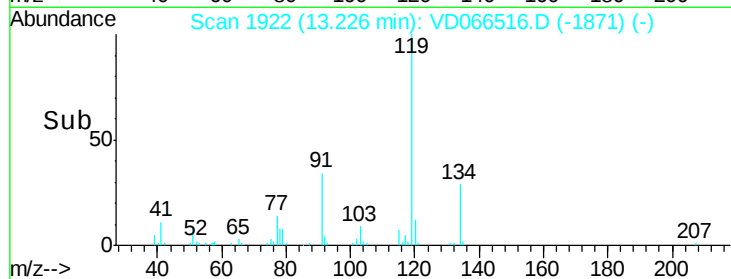
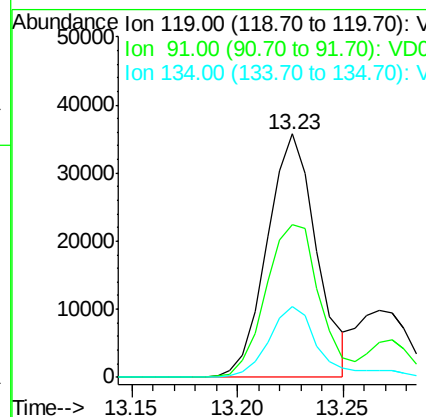
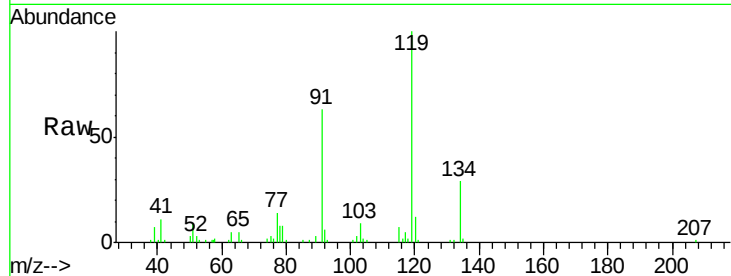
#83
tert-Butylbenzene
Concen: 9.739 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.7	34.4	103.2
134	30.3	13.5	40.4

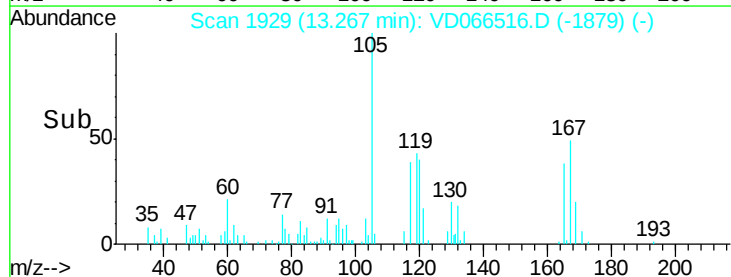
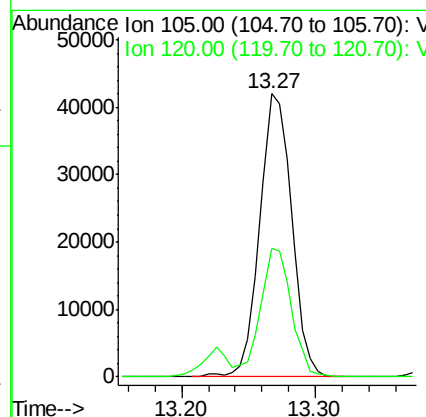
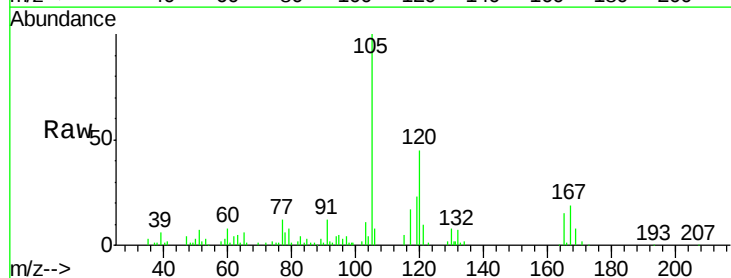
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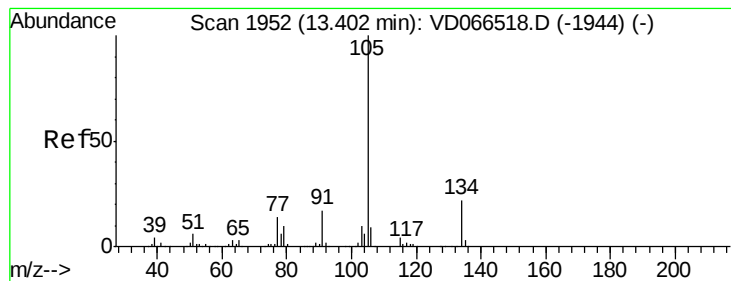
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#84
1,2,4-Trimethylbenzene
Concen: 10.210 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.7	65.1





#85

sec-Butylbenzene

Concen: 10.374 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 78455

Ion Ratio Lower Upper

105 100

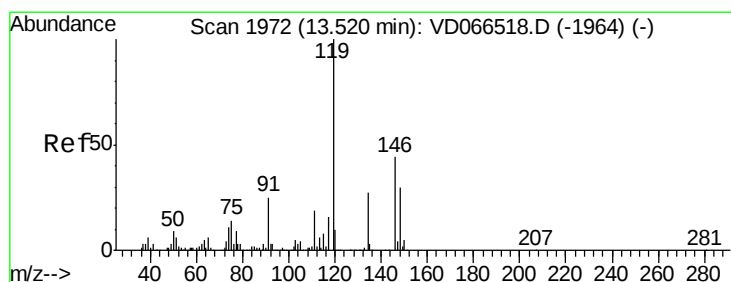
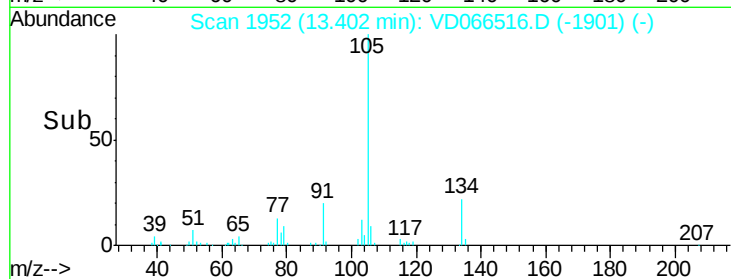
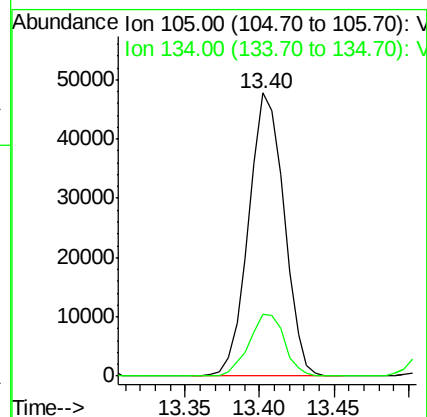
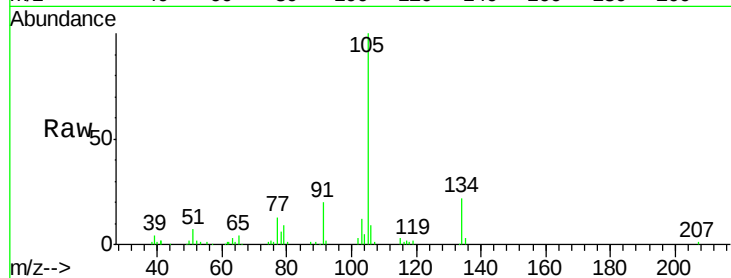
134 21.7 11.5 34.4

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#86

p-Isopropyltoluene

Concen: 10.213 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066516.D

Acq: 02 Sep 2020 11:49

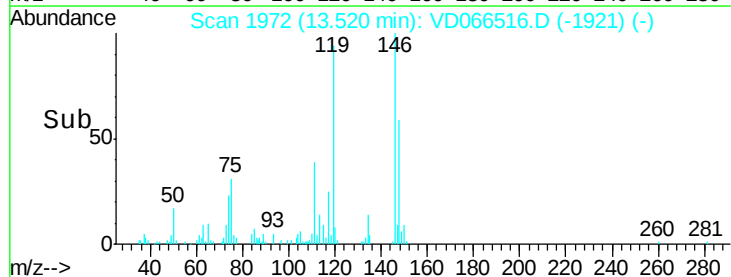
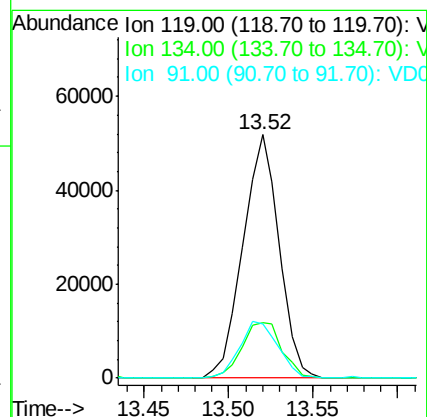
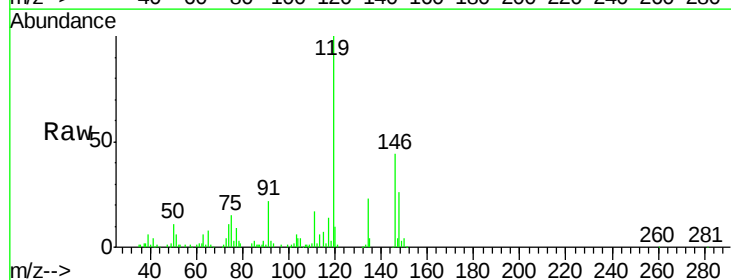
Tgt Ion:119 Resp: 77200

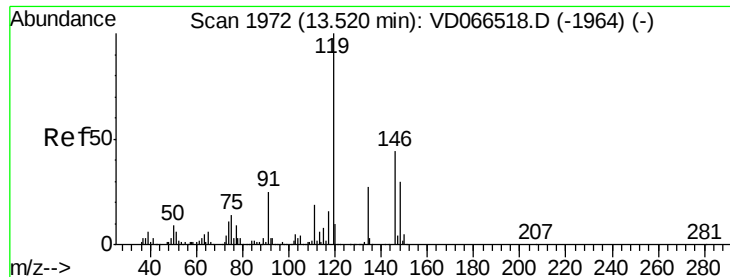
Ion Ratio Lower Upper

119 100

134 25.3 13.5 40.4

91 24.9 13.0 39.0





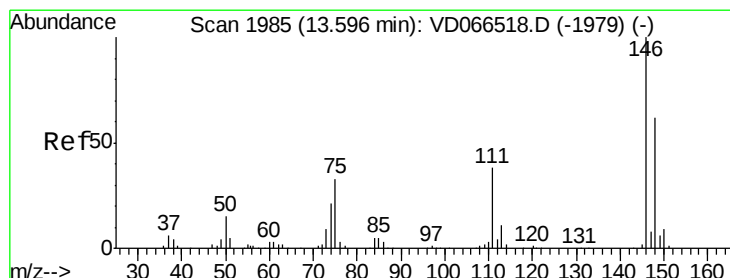
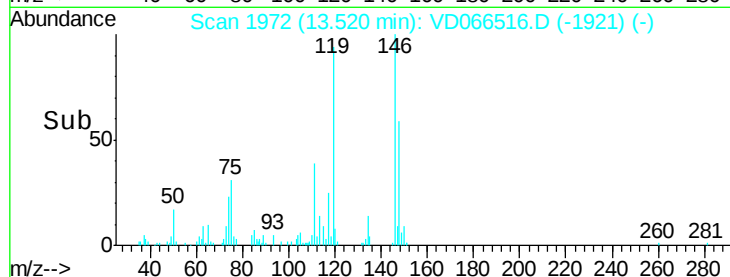
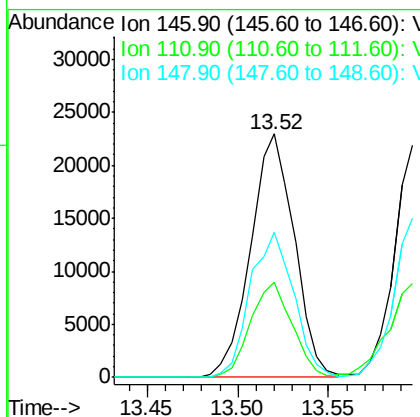
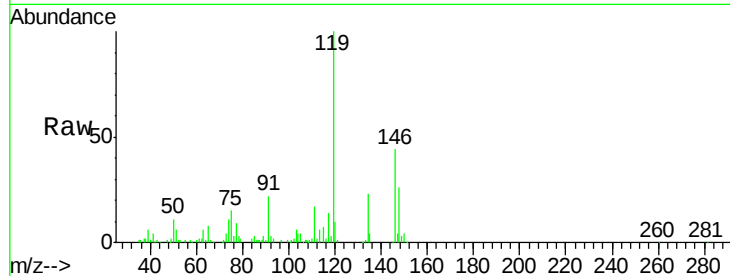
#87
 1,3-Dichlorobenzene
 Concen: 10.412 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	38361		
111	37.3	20.3	61.0	
148	59.5	32.3	96.9	

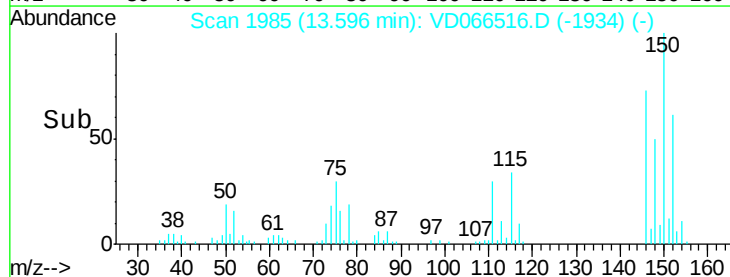
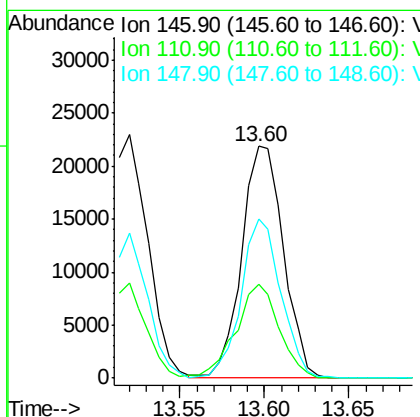
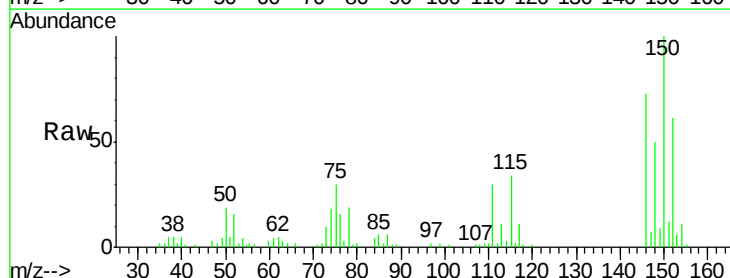
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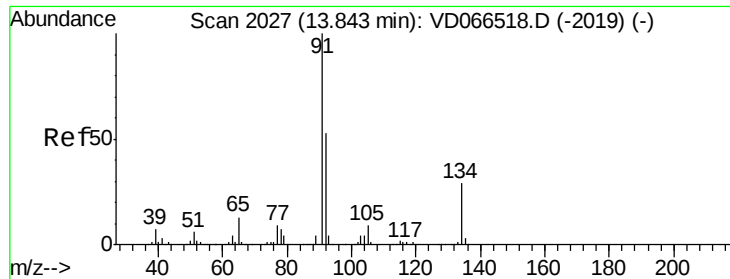
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#88
 1,4-Dichlorobenzene
 Concen: 10.129 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	37753		
111	42.1	18.4	55.4	
148	65.5	31.5	94.5	





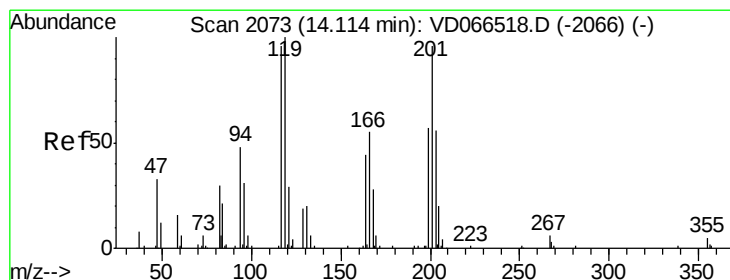
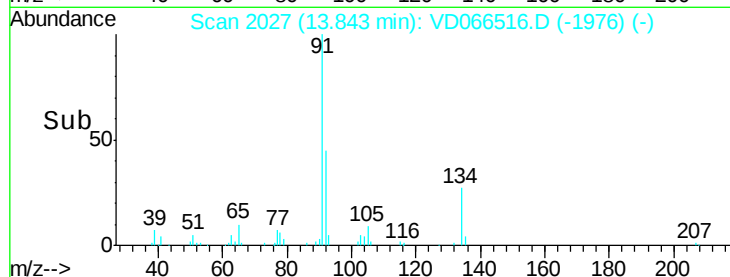
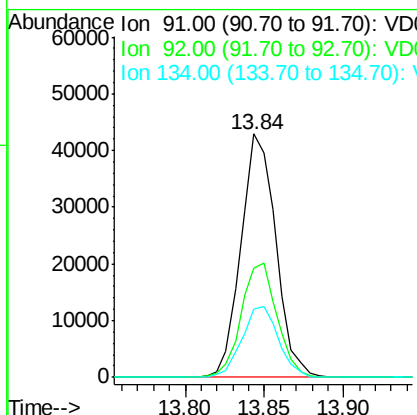
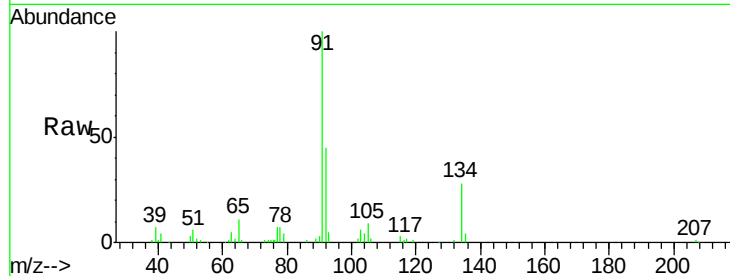
#89
n-Butylbenzene
Concen: 10.342 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
91	100	65479		
92	47.9		26.9	80.7
134	30.5		15.0	45.1

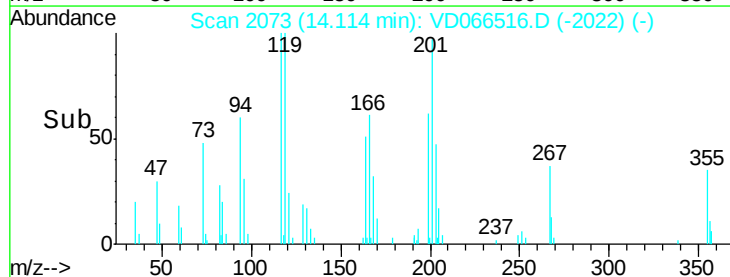
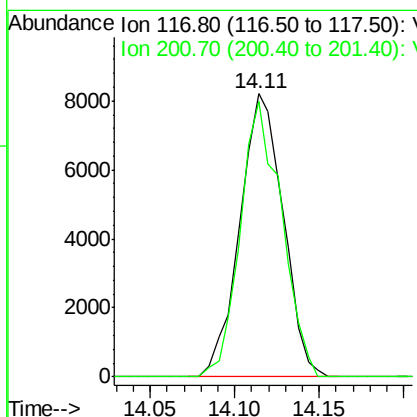
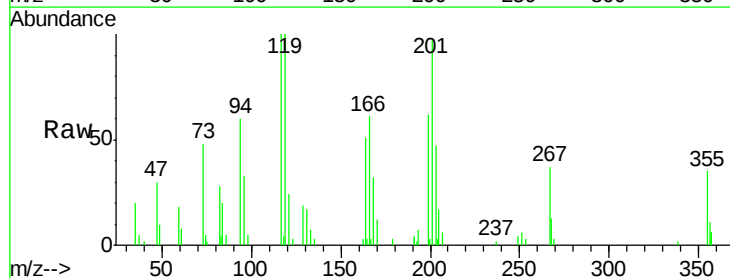
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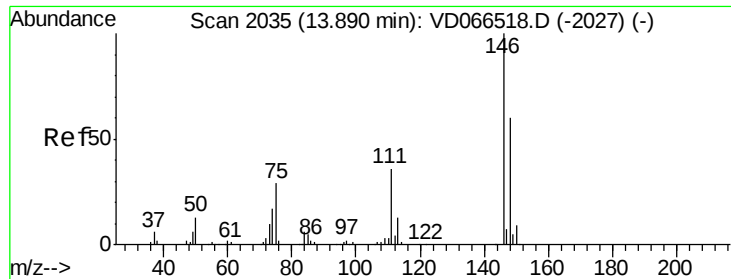
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#90
Hexachloroethane
Concen: 10.753 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	14586		
201	92.7		50.0	150.0





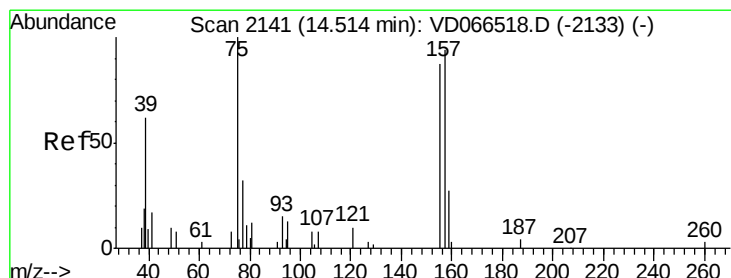
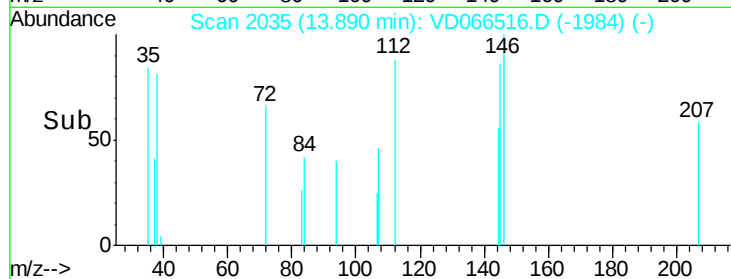
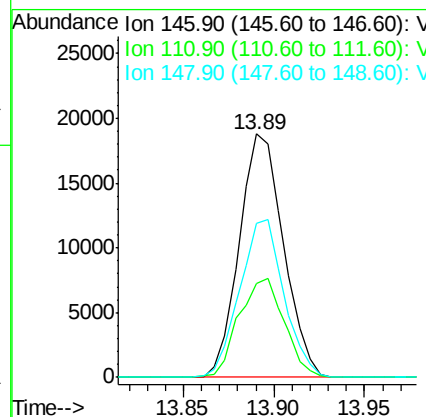
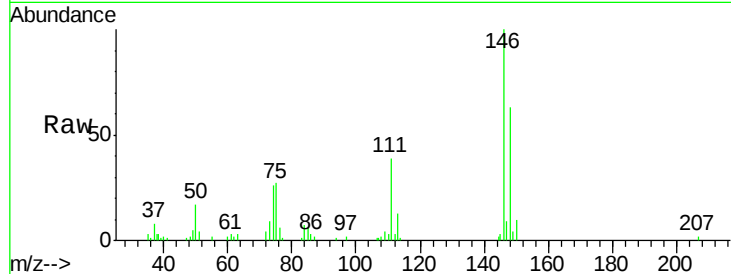
#91
 1,2-Dichlorobenzene
 Concen: 9.915 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.1	60.2
148	65.1	32.3	96.9

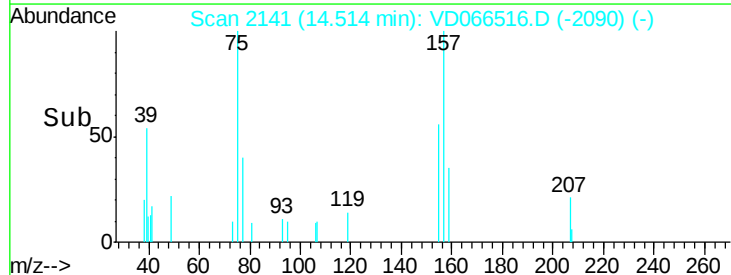
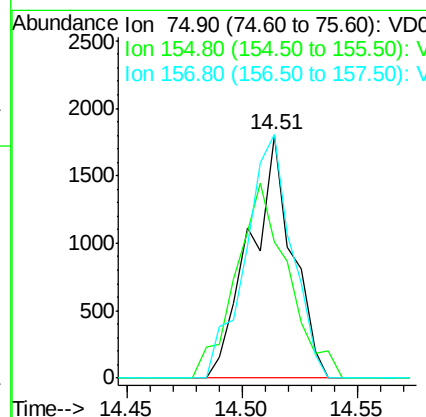
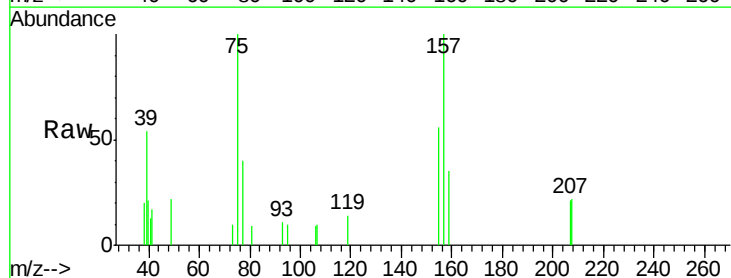
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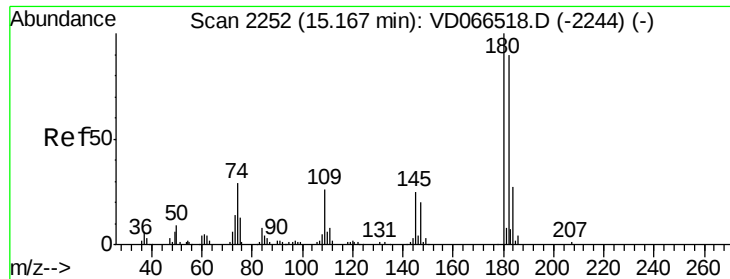
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.430 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	40.8	122.5
157	109.1	49.3	147.8





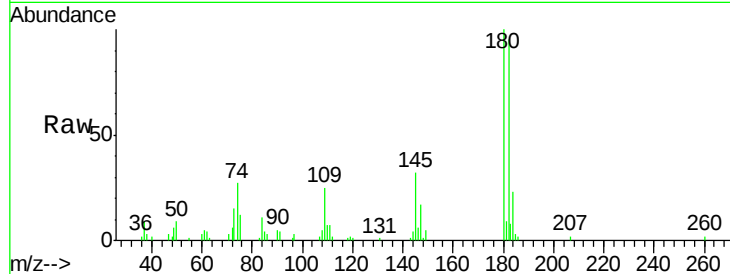
#93
 1,2,4-Trichlorobenzene
 Concen: 10.091 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

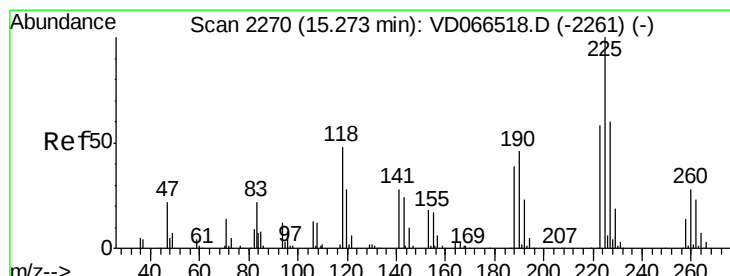
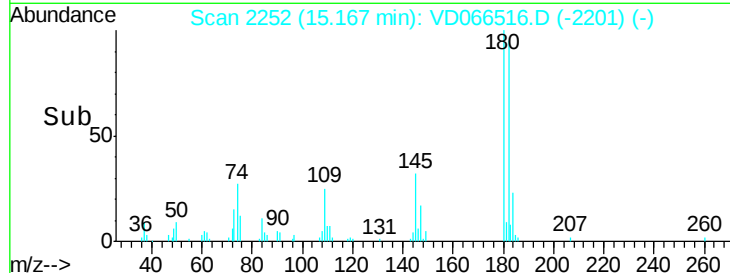
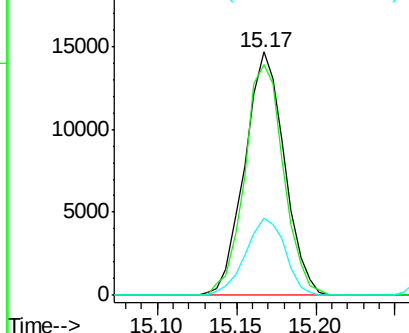
Tot Ion	Ratio	Resp	Lower	Upper
180	100	25524		
182	93.0	46.9	140.6	
145	31.6	15.0	45.1	

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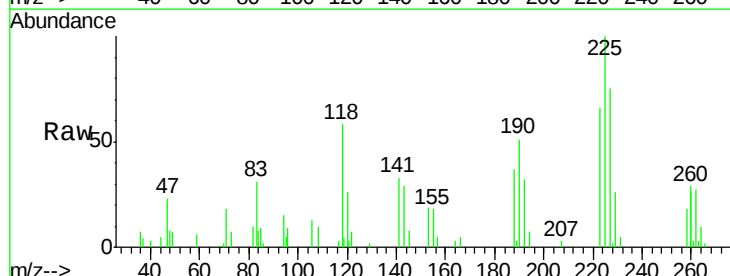


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

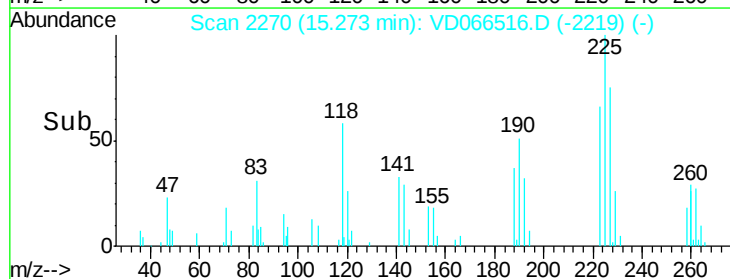
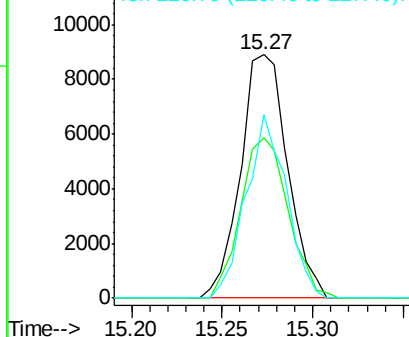


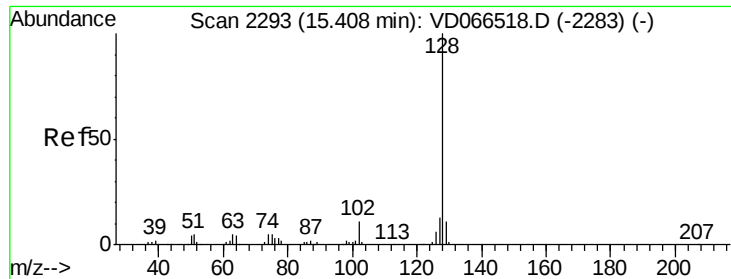
#94
 Hexachlorobutadiene
 Concen: 9.798 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066516.D
 Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16066		
223	66.6	31.6	94.7	
227	64.7	31.4	94.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





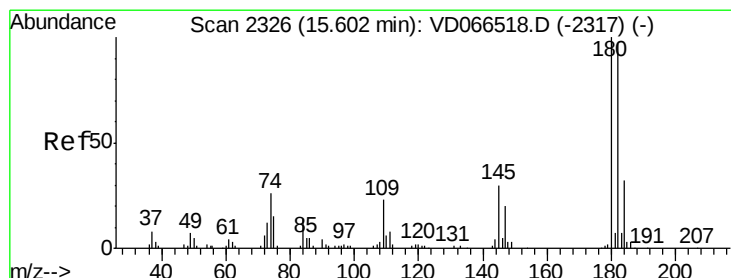
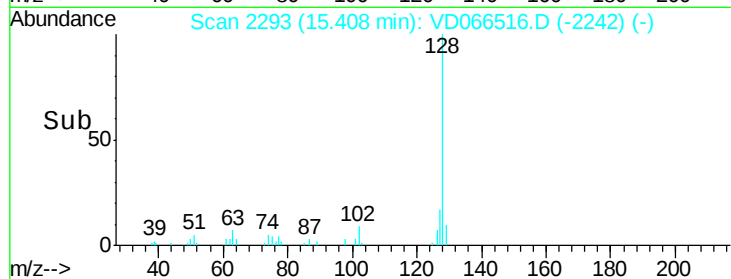
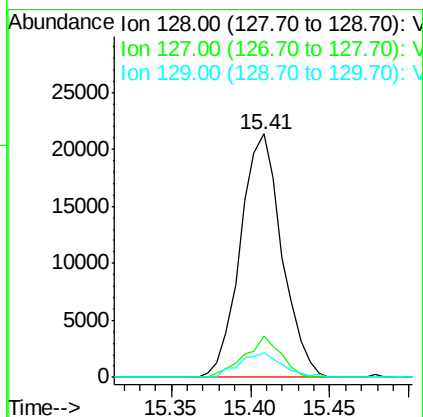
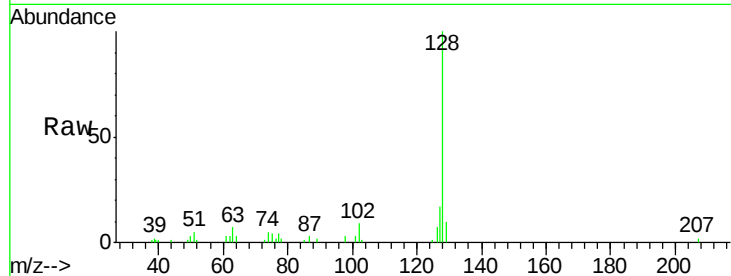
#95
Naphthalene
Concen: 9.872 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.8	11.1	16.7
129	10.5	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 9.781 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066516.D
Acq: 02 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.5	142.5
145	33.2	16.2	48.6

