

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066518.D
 Acq On : 02 Sep 2020 12:43
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 4:57:16 PM

Quant Time: Sep 02 14:11:54 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	7.98	168	165803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	225592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	206186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111369	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	97578	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	7.91	113	73593	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	10.34	98	282905	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
62) 4-Bromofluorobenzene	12.63	95	93292	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.99	85	65555	46.346	ug/l	100
3) Chloromethane	2.20	50	40973	48.185	ug/l	100
4) Vinyl Chloride	2.35	62	51633	49.792	ug/l	100
5) Bromomethane	2.77	94	41588	49.071	ug/l	100
6) Chloroethane	2.92	64	34534	49.501	ug/l	100
7) Trichlorofluoromethane	3.27	101	157189	49.729	ug/l	100
8) Diethyl Ether	3.71	74	27657	46.684	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	63162	47.982	ug/l	100
10) Methyl Iodide	4.30	142	77555	53.133	ug/l	100
11) Tert butyl alcohol	5.21	59	24455	188.254	ug/l	100
12) 1,1-Dichloroethene	4.06	96	62501	50.524	ug/l	100
13) Acrolein	3.92	56	14438	249.283	ug/l	100
14) Allyl chloride	4.71	41	70549	51.020	ug/l	100
15) Acrylonitrile	5.42	53	52153	245.482	ug/l	100
16) Acetone	4.15	43	66495	252.154	ug/l	100
17) Carbon Disulfide	4.41	76	178013	49.796	ug/l	100
18) Methyl Acetate	4.71	43	20628	48.669	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	163936	50.789	ug/l	100
20) Methylene Chloride	4.96	84	67296	43.727	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	70413	49.763	ug/l	100
22) Diisopropyl ether	6.36	45	142293	51.344	ug/l	100
23) Vinyl Acetate	6.30	43	458183	257.158	ug/l	100
24) 1,1-Dichloroethane	6.26	63	108108	49.668	ug/l	100
25) 2-Butanone	7.21	43	66378	243.192	ug/l	100
26) 2,2-Dichloropropane	7.21	77	138092	50.070	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	77011	50.188	ug/l	100
28) Bromochloromethane	7.54	49	33824	53.713	ug/l	100
29) Tetrahydrofuran	7.56	42	35816	255.261	ug/l	100
30) Chloroform	7.71	83	144299	51.342	ug/l	100
31) Cyclohexane	7.98	56	83549	44.427	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	160182	51.174	ug/l	100
36) 1,1-Dichloropropene	8.11	75	101145	51.147	ug/l	100
37) Ethyl Acetate	7.29	43	29444	49.602	ug/l	100
38) Carbon Tetrachloride	8.09	117	157063	52.136	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	116061	50.234	ug/l	100
40) Benzene	8.35	78	262754	51.507	ug/l	100
41) Methacrylonitrile	7.52	41	14142	41.843	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	109279	50.637	ug/l	100
43) Isopropyl Acetate	8.44	43	62616	50.355	ug/l	100
44) Trichloroethene	9.11	130	90773	51.554	ug/l	100
45) 1,2-Dichloropropane	9.38	63	50706	50.097	ug/l	100
46) Dibromomethane	9.47	93	37433	50.516	ug/l	100
47) Bromodichloromethane	9.66	83	112286	50.984	ug/l	100
48) Methyl methacrylate	9.46	41	32309	50.985	ug/l	100
49) 1,4-Dioxane	9.46	88	8736	1008.103	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	147770	258.437	ug/l	100
52) Toluene	10.40	92	187449	51.660	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	106523	52.940	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	109011	51.425	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	47771	51.019	ug/l	100
56) Ethyl methacrylate	10.66	69	56254	51.049	ug/l	100
57) 1,3-Dichloropropane	10.94	76	79975	51.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	103570	240.773	ug/l	100
59) 2-Hexanone	10.98	43	104313	252.601	ug/l	100
60) Dibromochloromethane	11.14	129	79118	51.099	ug/l	100
61) 1,2-Dibromoethane	11.24	107	47347	49.607	ug/l	100
64) Tetrachloroethene	10.87	164	80169	49.870	ug/l	100
65) Chlorobenzene	11.67	112	209178	51.566	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	87826	51.171	ug/l	100
67) Ethyl Benzene	11.74	91	371098	51.933	ug/l	100
68) m/p-Xylenes	11.86	106	286362	103.576	ug/l	100
69) o-Xylene	12.18	106	132490	50.590	ug/l	100
70) Styrene	12.20	104	229340	51.150	ug/l	100
71) Bromoform	12.36	173	49404	52.479	ug/l #	100
73) Isopropylbenzene	12.48	105	383337	51.512	ug/l	100
74) N-amyl acetate	12.29	43	56579	50.423	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	42490	48.319	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	34000m	48.336	ug/l	
77) Bromobenzene	12.76	156	94222	49.894	ug/l	100
78) n-propylbenzene	12.82	91	413611	51.005	ug/l	100
79) 2-Chlorotoluene	12.91	91	238252	50.778	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	328223	50.731	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	15832	50.324	ug/l	100
82) 4-Chlorotoluene	13.01	91	253564	50.313	ug/l	100
83) tert-Butylbenzene	13.23	119	288433	50.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	333095	51.476	ug/l	100
85) sec-Butylbenzene	13.40	105	361210	50.244	ug/l	100
86) p-Isopropyltoluene	13.52	119	362403	50.435	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	172201	49.166	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	178652	50.421	ug/l	100
89) n-Butylbenzene	13.84	91	306243	50.882	ug/l	100
90) Hexachloroethane	14.11	117	62791	48.695	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	153449	50.370	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11475	49.342	ug/l	100

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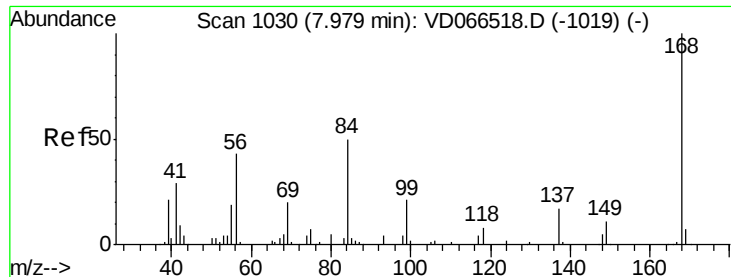
Manual Integrations
APPROVED

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9/3/2020 4:57:16 PM

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	123802	51.487	ug/l	100
94) Hexachlorobutadiene	15.27	225	79957	51.296	ug/l	100
95) Naphthalene	15.41	128	189608	50.728	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	104862	50.470	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 165803

Ion Ratio Lower Upper

168 100

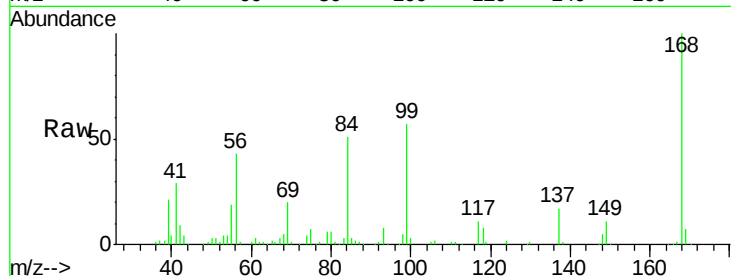
99 56.4 45.1 67.7

Manual Integrations

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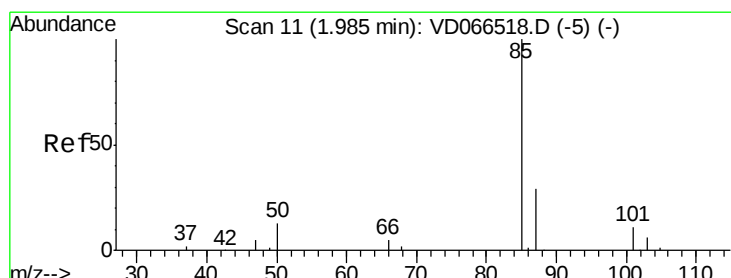
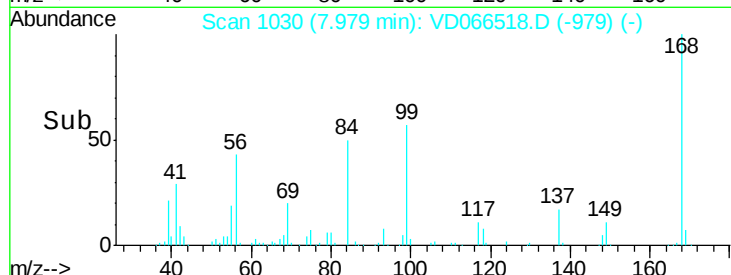
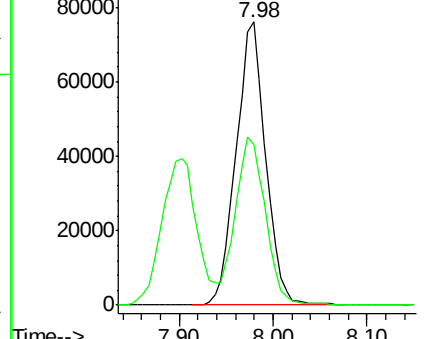
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 46.346 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066518.D

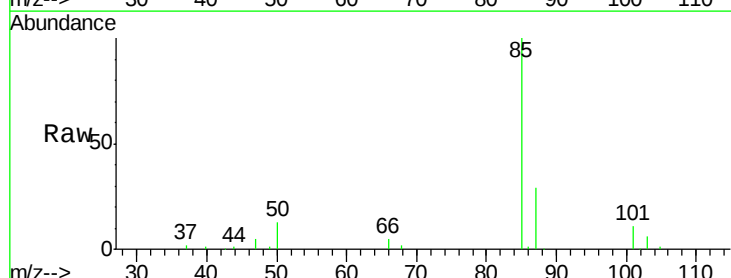
Acq: 02 Sep 2020 12:43

Tgt Ion: 85 Resp: 65555

Ion Ratio Lower Upper

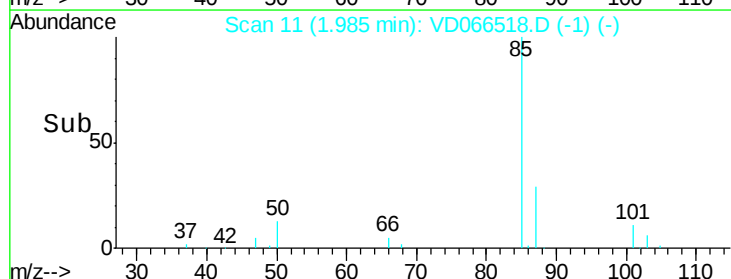
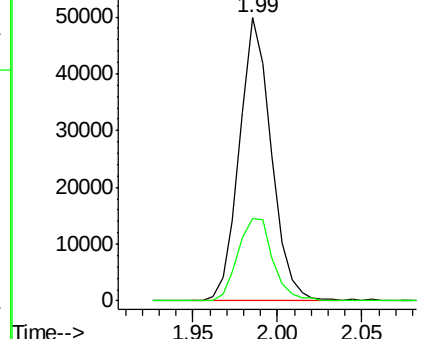
85 100

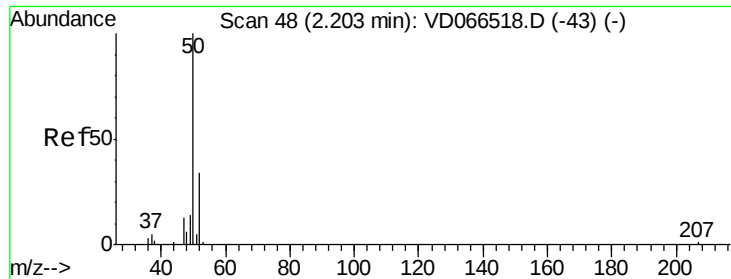
87 29.3 14.6 44.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.185 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 40973

Ion Ratio Lower Upper

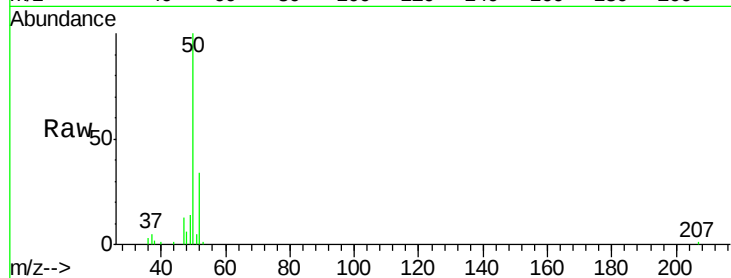
50 100

52 34.5 27.6 41.4

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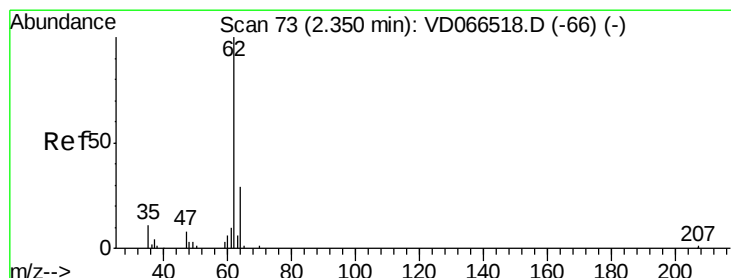
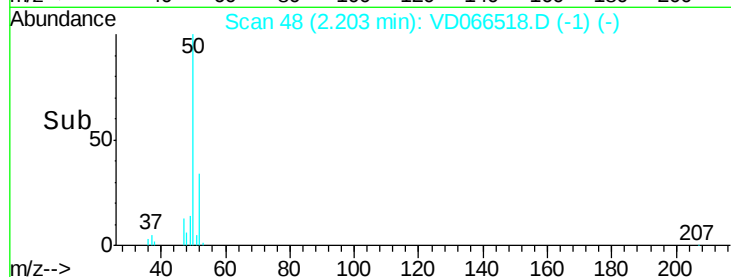
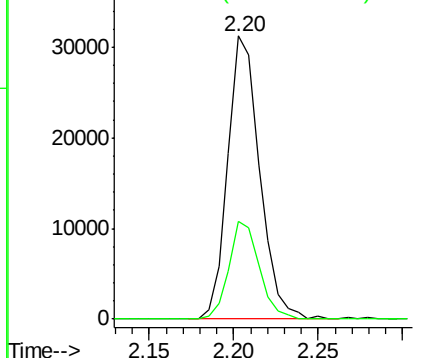
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 49.792 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066518.D

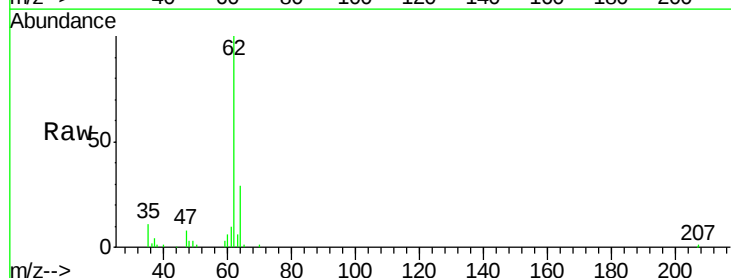
Acq: 02 Sep 2020 12:43

Tgt Ion: 62 Resp: 51633

Ion Ratio Lower Upper

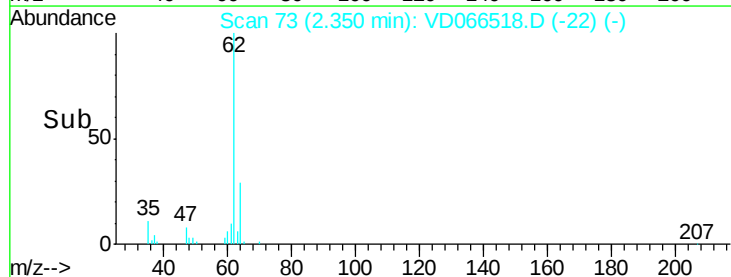
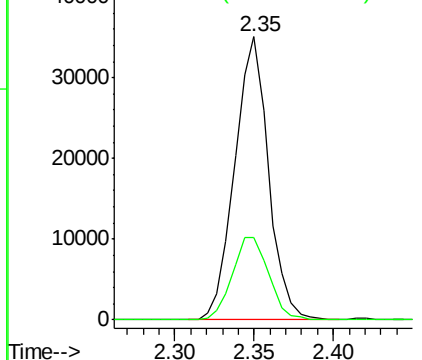
62 100

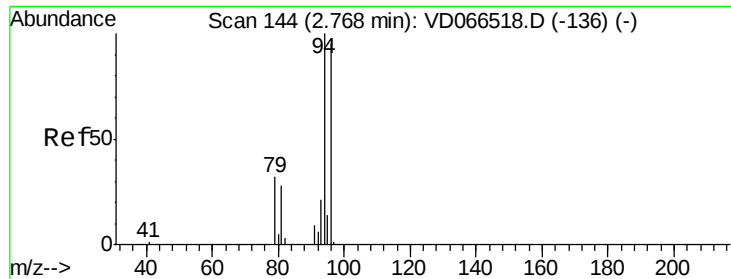
64 29.3 23.4 35.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.071 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 41588

Ion Ratio Lower Upper

94 100

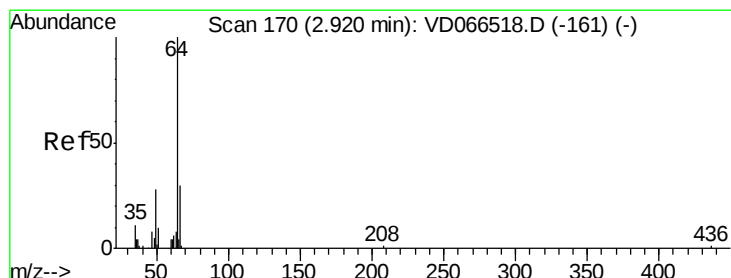
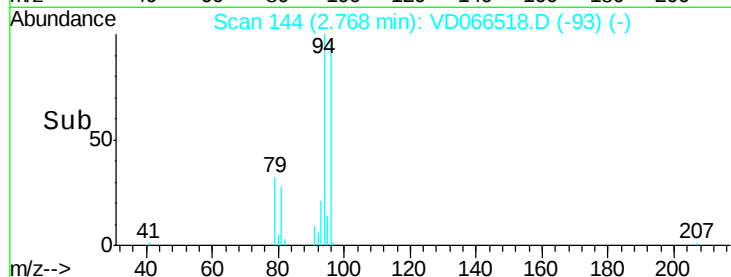
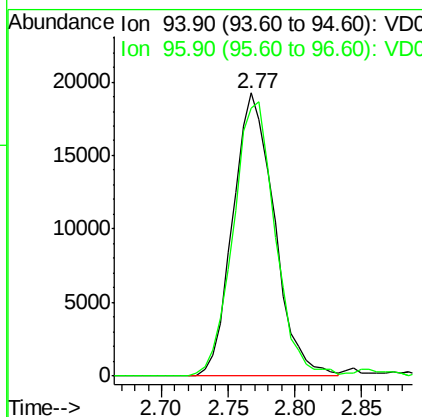
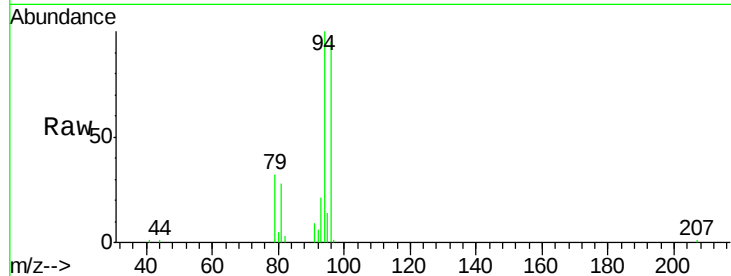
96 94.8 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 49.501 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066518.D

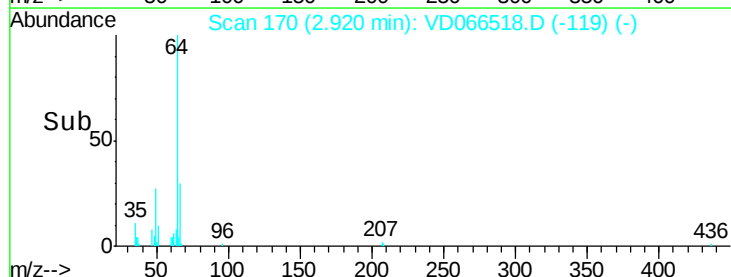
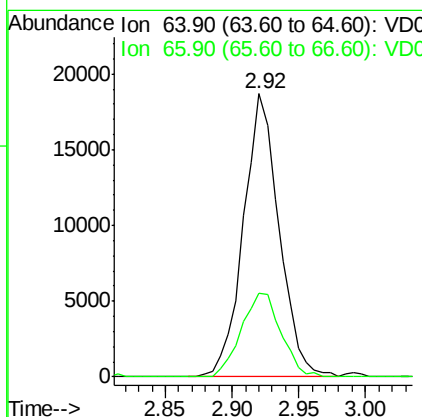
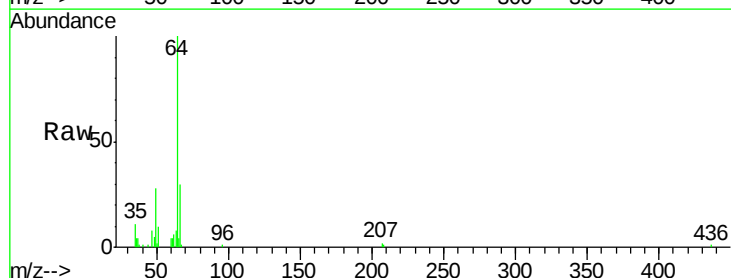
Acq: 02 Sep 2020 12:43

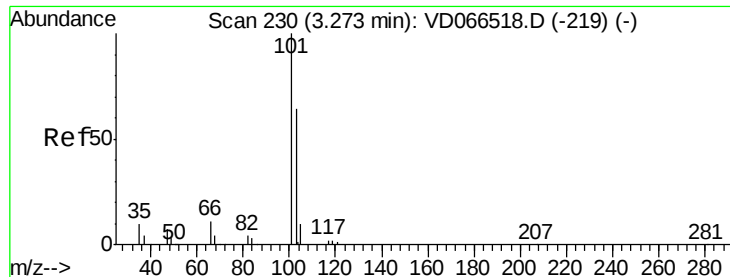
Tgt Ion: 64 Resp: 34534

Ion Ratio Lower Upper

64 100

66 29.6 23.7 35.5





#7

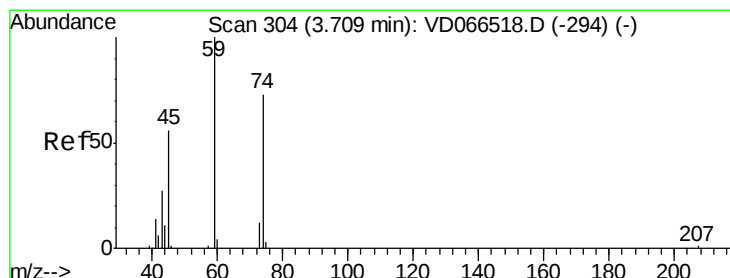
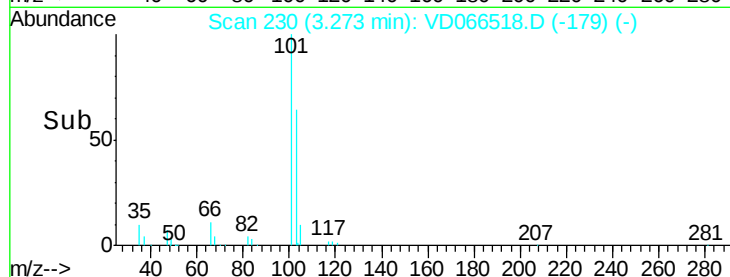
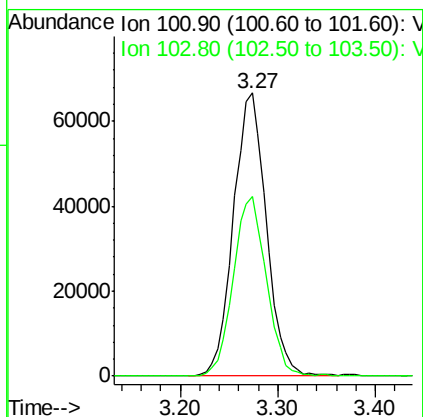
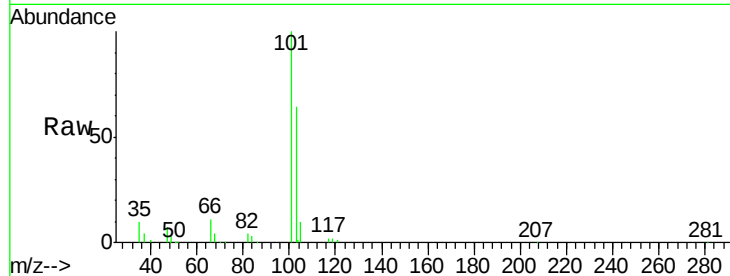
Trichlorofluoromethane
 Concen: 49.729 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.9	76.3

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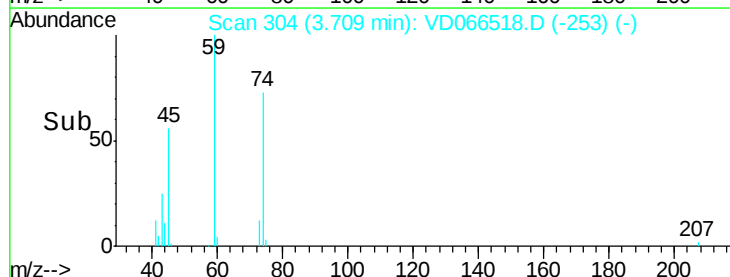
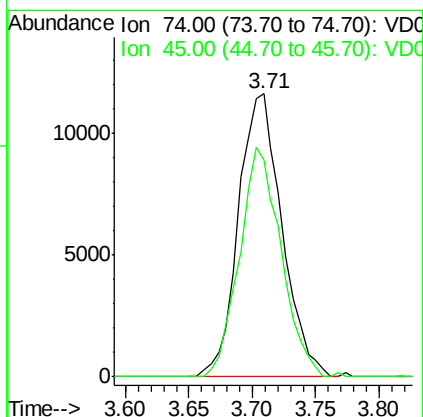
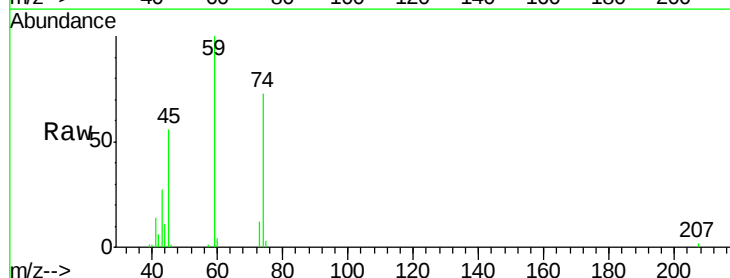
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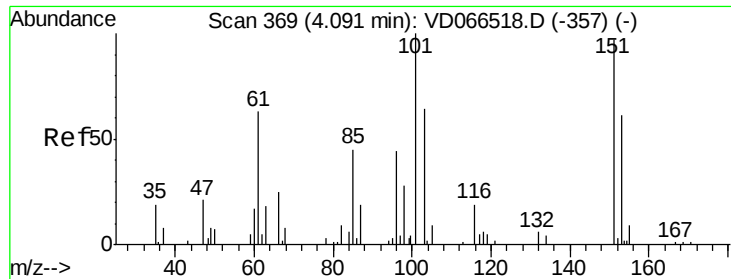


#8

Diethyl Ether
 Concen: 46.684 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.2	38.6	115.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.982 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066518.D

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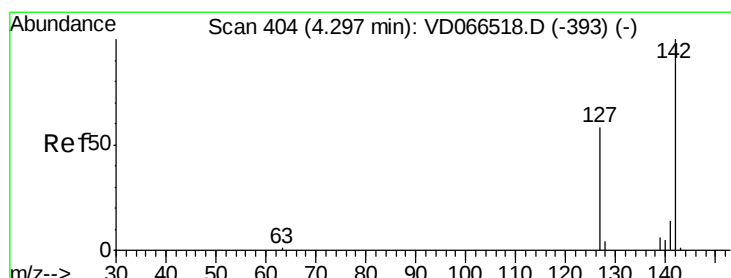
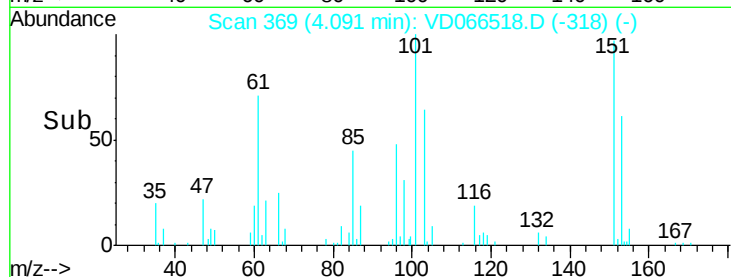
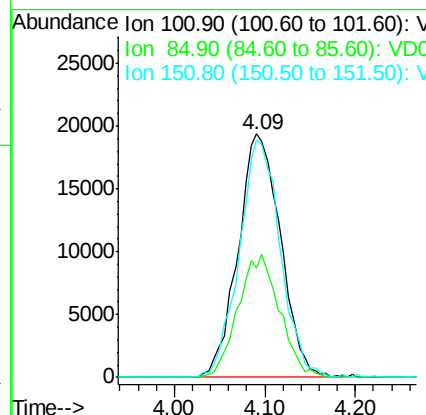
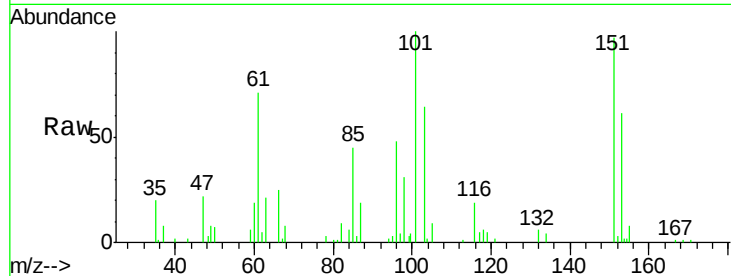
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	63162
Ion Ratio	Lower	Upper	
101	100		
85	49.2	39.4	59.0
151	94.4	75.5	113.3

Manual Integrations
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#10

Methyl Iodide

Concen: 53.133 ug/l

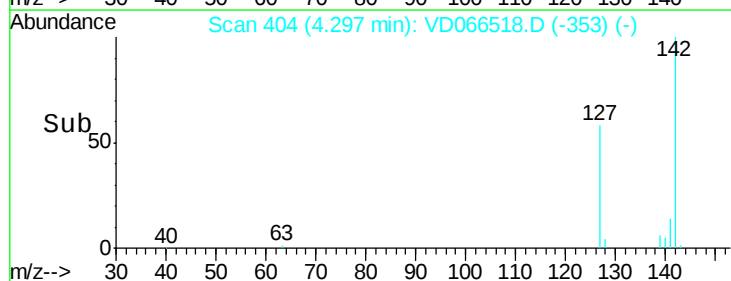
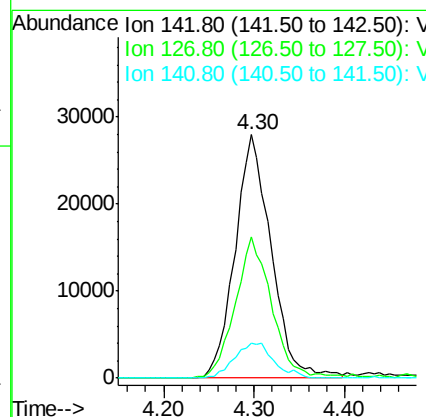
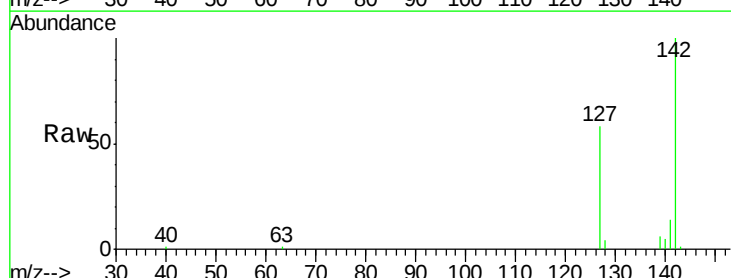
RT: 4.30 min Scan# 404

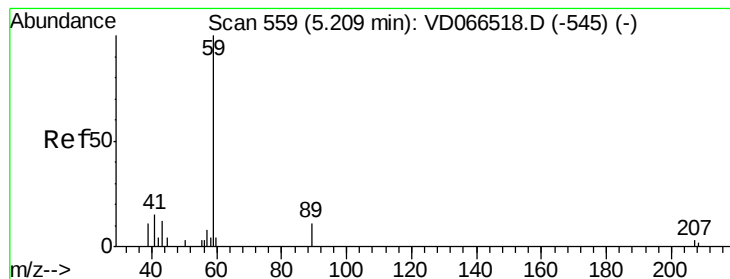
Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Tgt Ion:	142	Resp:	77555
Ion Ratio	Lower	Upper	
142	100		
127	57.9	46.3	69.5
141	15.5	12.4	18.6





#11

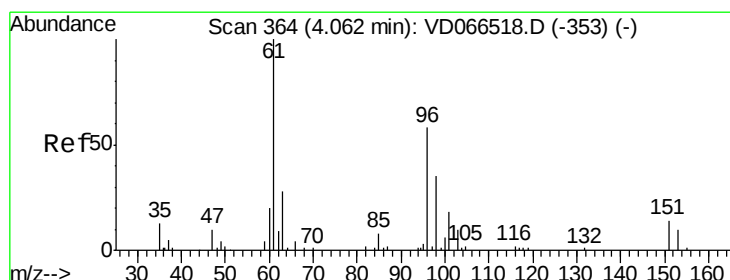
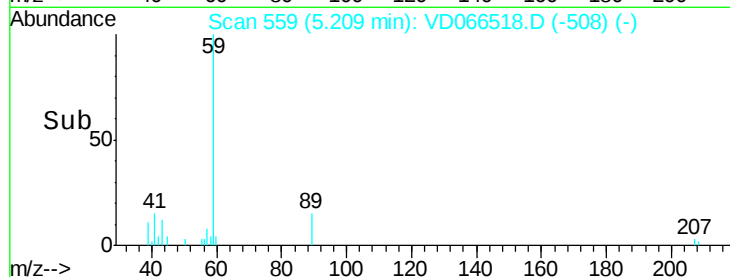
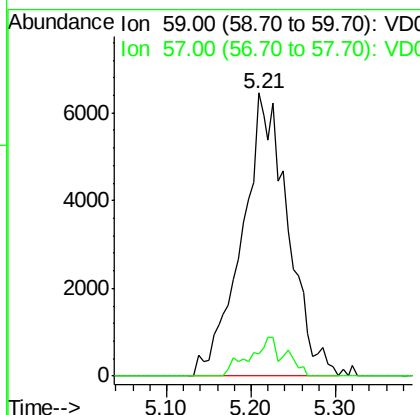
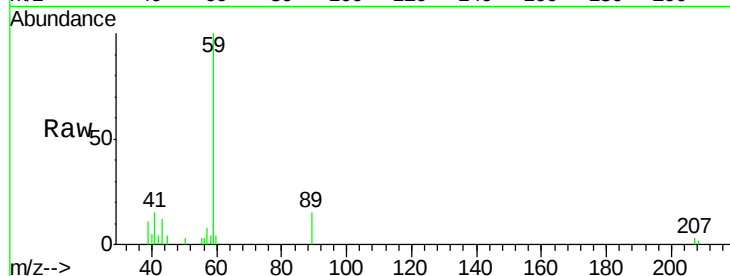
Tert butyl alcohol
 Concen: 188.254 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	24455		
57	8.5		6.8	10.2

Manual Integrations
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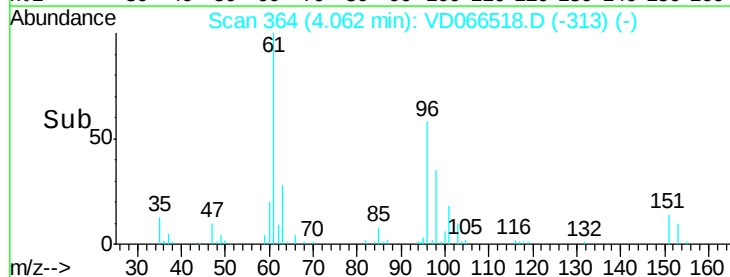
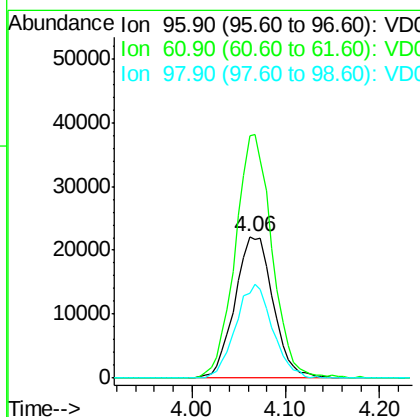
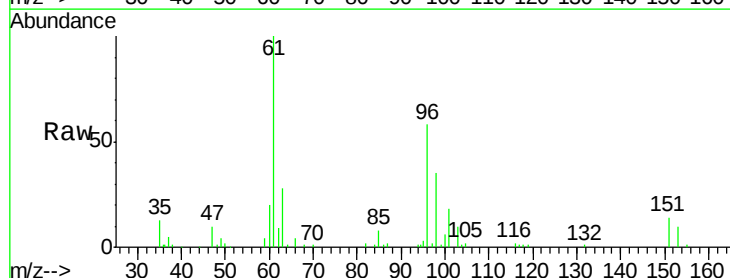
MMDadoda
 9/3/2020 4:57:16 PM

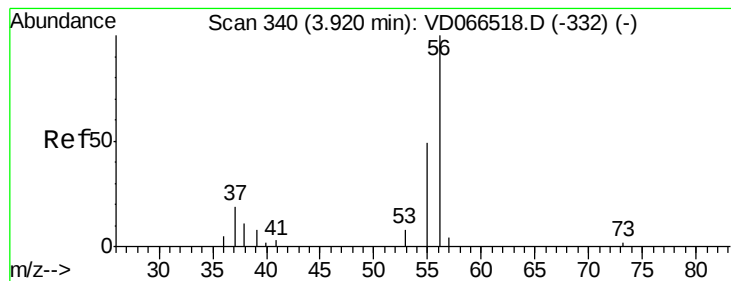


#12

1,1-Dichloroethene
 Concen: 50.524 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	62501		
61	171.9		137.5	206.3
98	59.7		47.8	71.6





#13

Acrolein

Concen: 249.283 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 14438

Ion Ratio Lower Upper

56 100

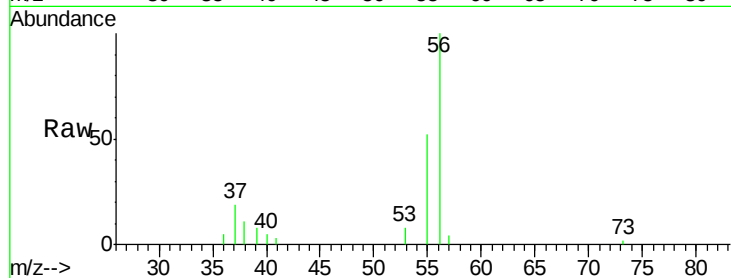
55 66.2 53.0 79.4

Manual Integrations

APPROVED

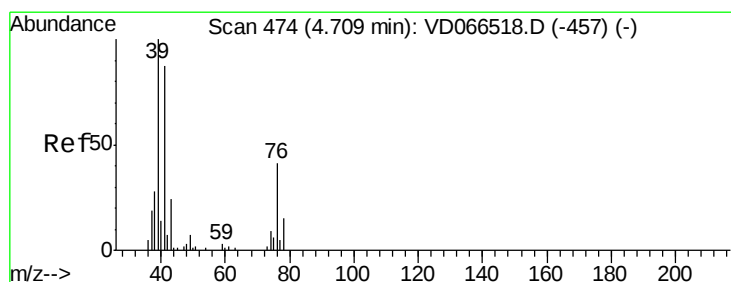
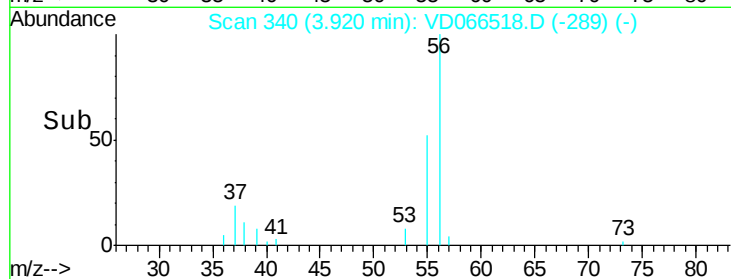
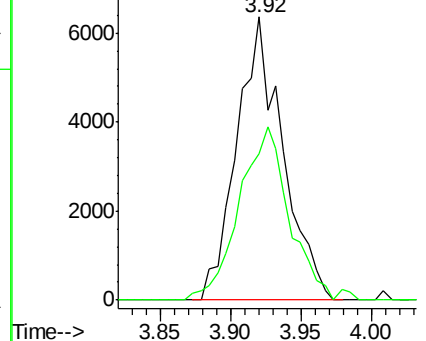
MMDadoda

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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: 51.020 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

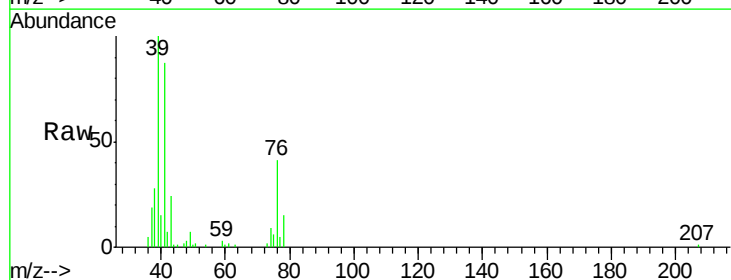
Tgt Ion: 41 Resp: 70549

Ion Ratio Lower Upper

41 100

39 117.3 93.8 140.8

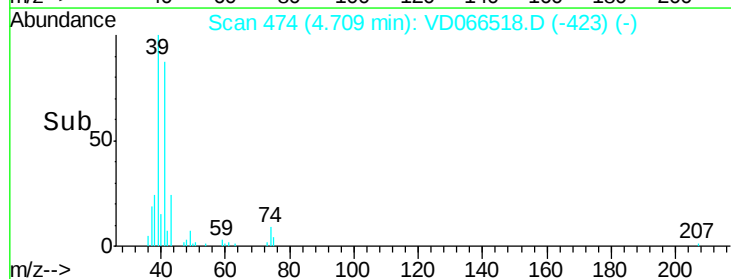
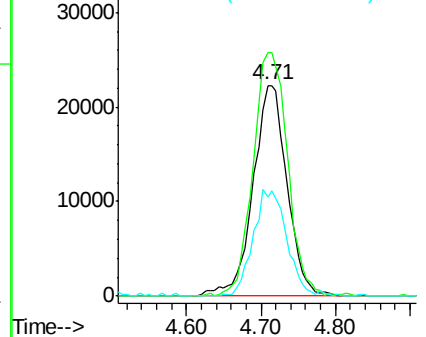
76 49.2 39.4 59.0

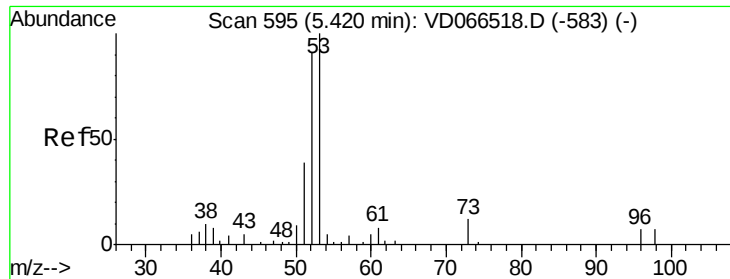


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 245.482 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

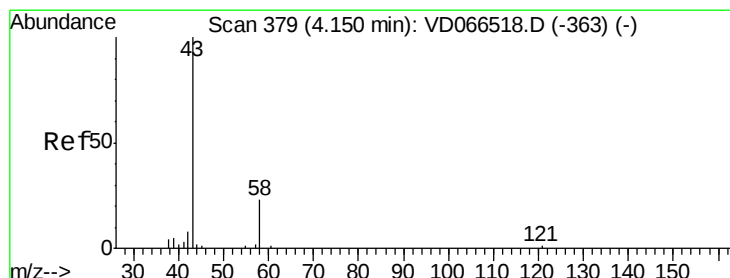
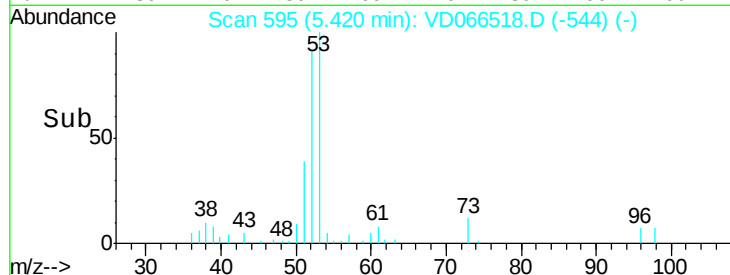
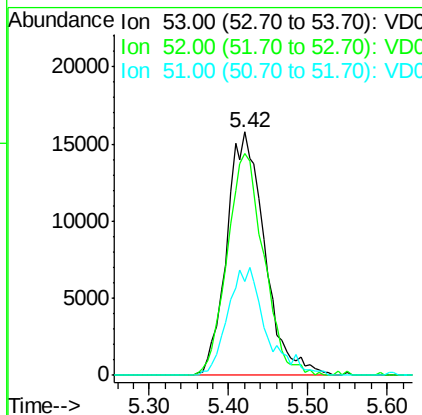
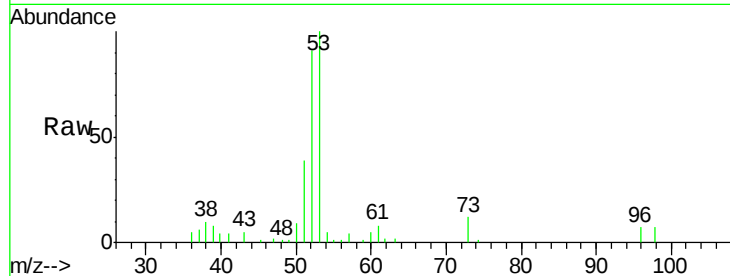
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	52153
Ion	Ratio	Lower	Upper
53	100		
52	88.7	71.0	106.4
51	44.7	35.8	53.6

Manual Integrations
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#16

Acetone

Concen: 252.154 ug/l

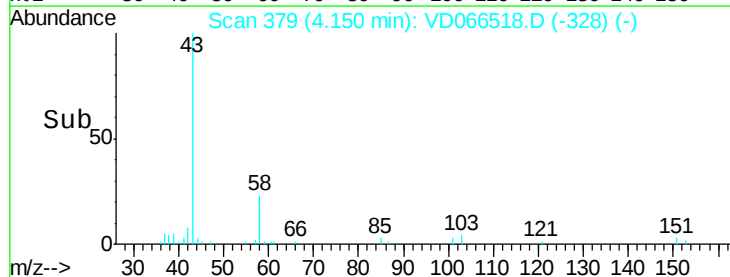
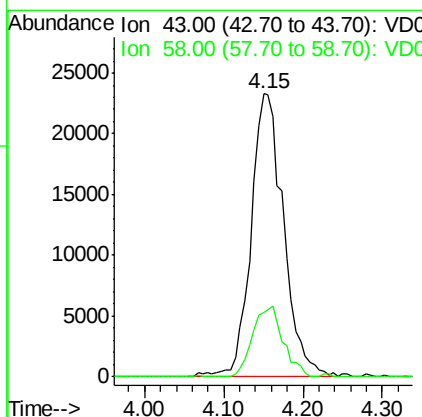
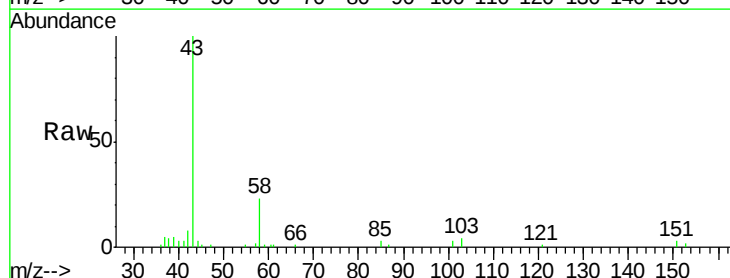
RT: 4.15 min Scan# 379

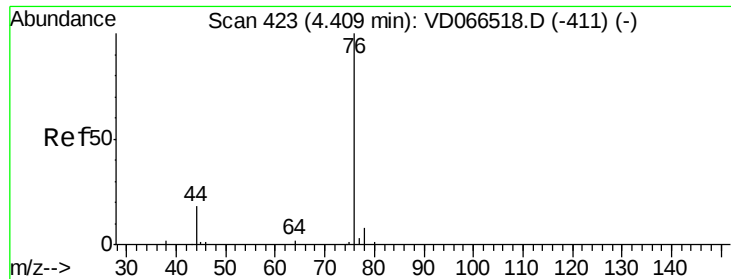
Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Tgt Ion:	43	Resp:	66495
Ion	Ratio	Lower	Upper
43	100		
58	22.6	18.1	27.1





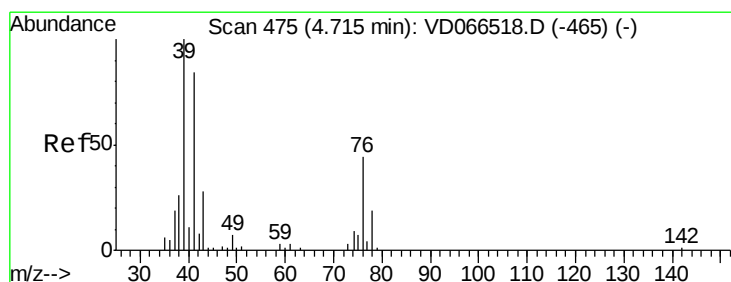
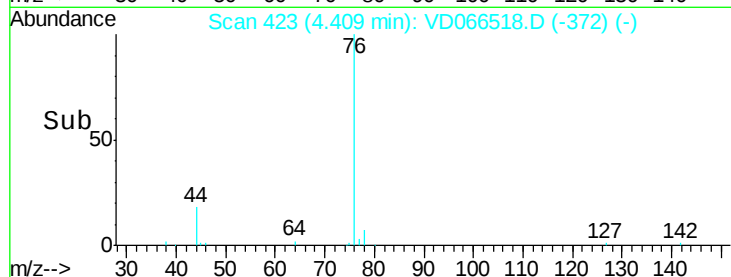
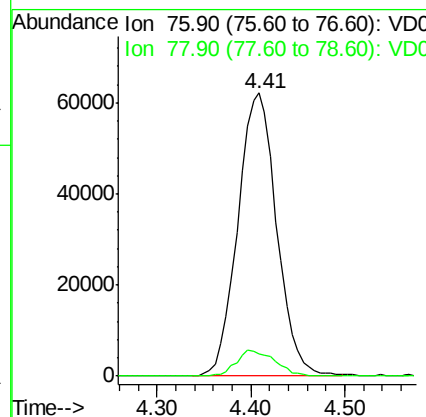
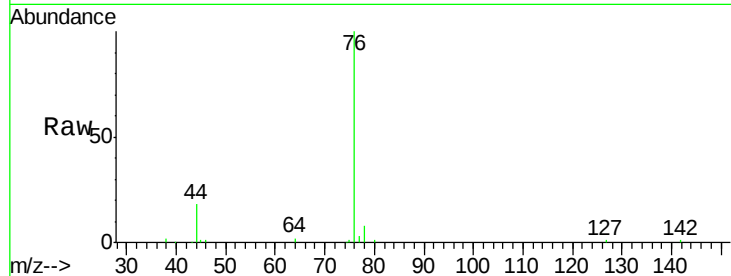
#17
Carbon Disulfide
Concen: 49.796 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 76 Resp: 178013
Ion Ratio Lower Upper
76 100
78 7.8 6.2 9.4

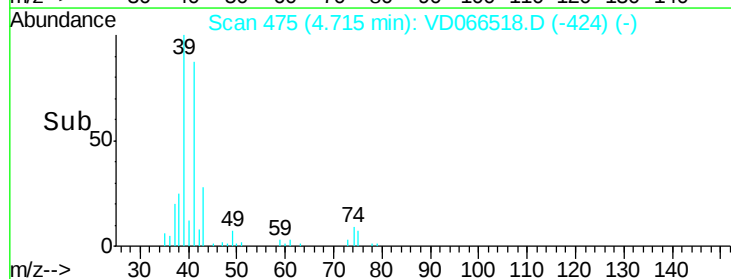
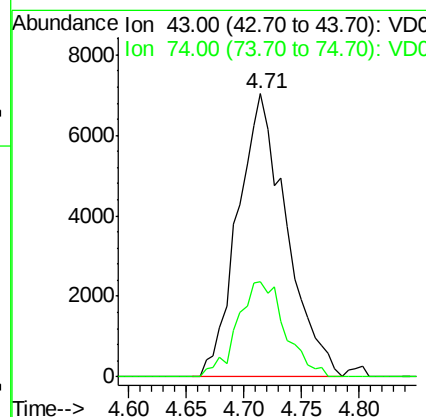
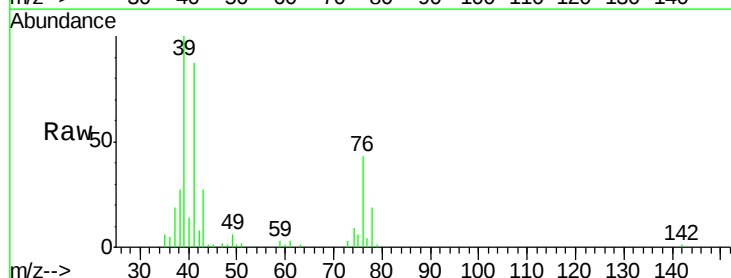
Manual Integrations
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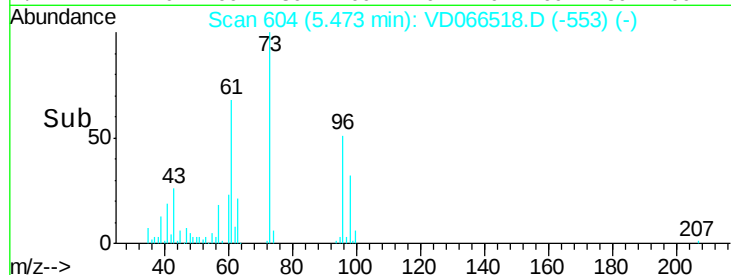
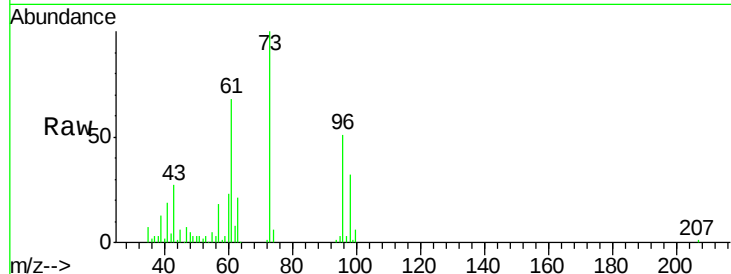
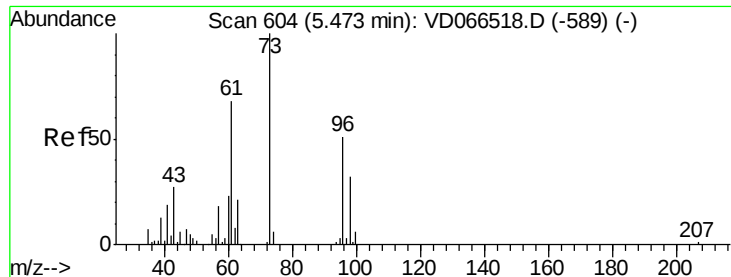
MMDadoda
9/3/2020 4:57:16 PM



#18
Methyl Acetate
Concen: 48.669 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 43 Resp: 20628
Ion Ratio Lower Upper
43 100
74 32.9 26.3 39.5





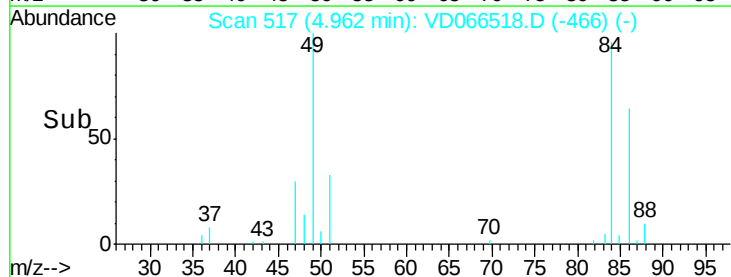
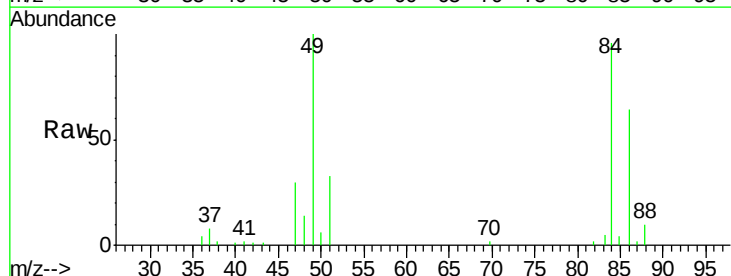
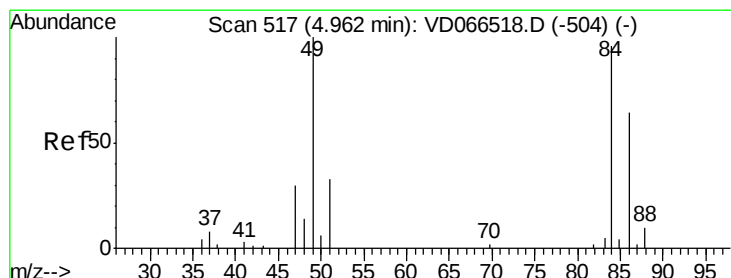
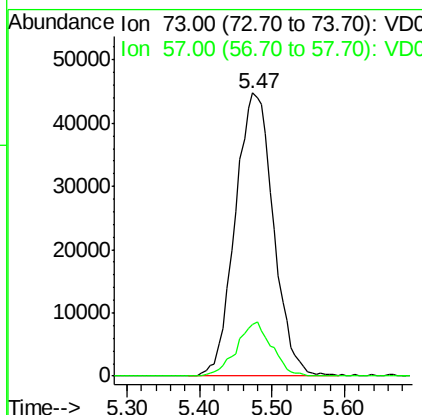
#19
Methyl tert-butyl Ether
Concen: 50.789 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tot Ion	73	Resp	163936
Ion Ratio	100	Lower	Upper
57	18.3	14.6	22.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

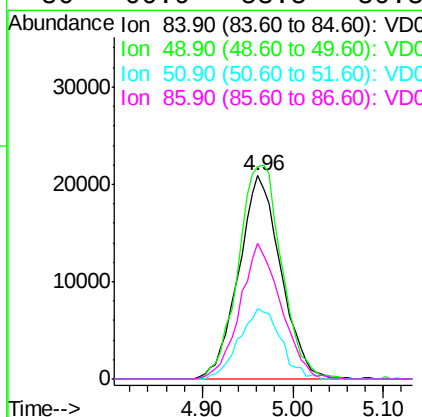
Manual Integrations
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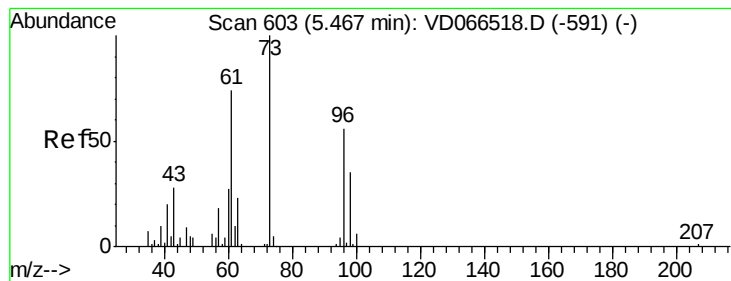
MMDadoda
9/3/2020 4:57:16 PM



#20
Methylene Chloride
Concen: 43.727 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	84	Resp	67296
Ion Ratio	100	Lower	Upper
49	104.4	83.5	125.3
51	34.8	27.8	41.8
86	66.9	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 49.763 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 70413

Ion Ratio Lower Upper

96 100

61 133.3 106.6 160.0

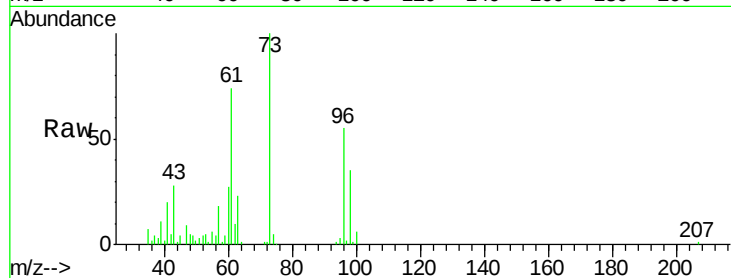
98 63.3 50.6 76.0

Manual Integrations

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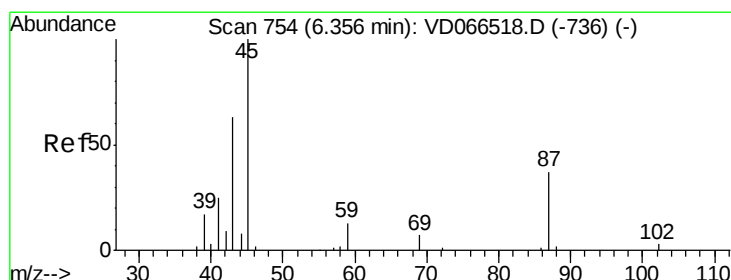
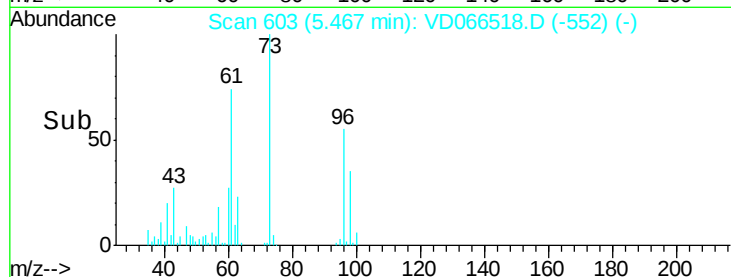
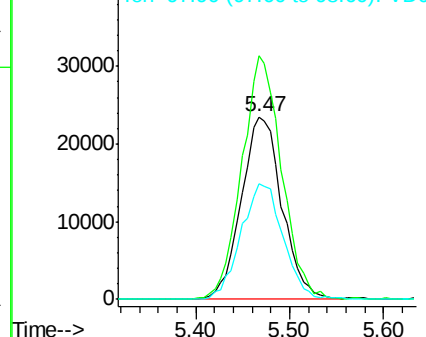


Abundance

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



#22

Diisopropyl ether

Concen: 51.344 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Tgt Ion: 45 Resp: 142293

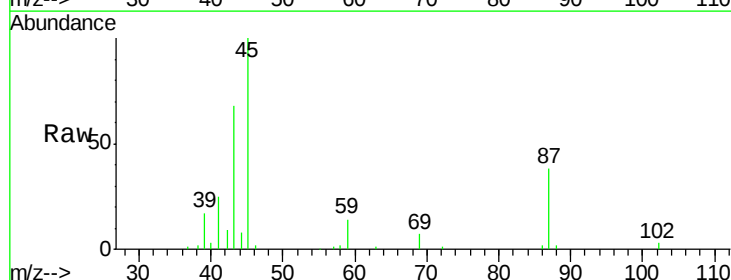
Ion Ratio Lower Upper

45 100

43 66.7 53.4 80.0

87 37.8 30.2 45.4

59 13.9 11.1 16.7



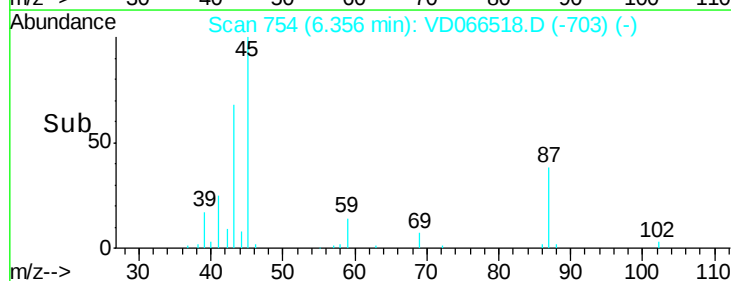
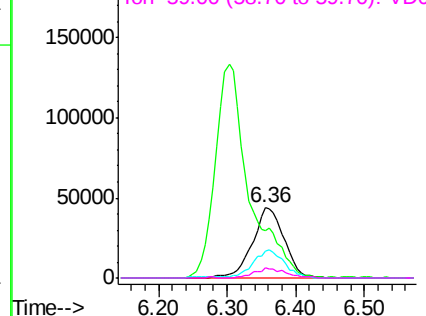
Abundance

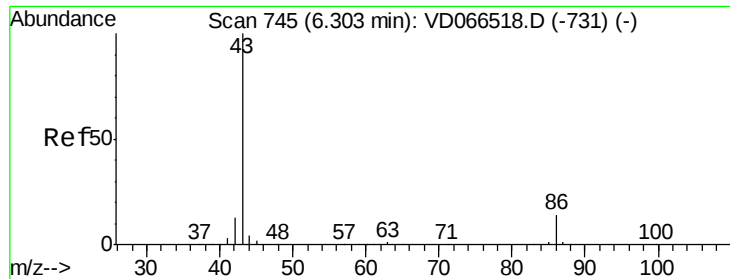
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 257.158 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 458183

Ion Ratio Lower Upper

43 100

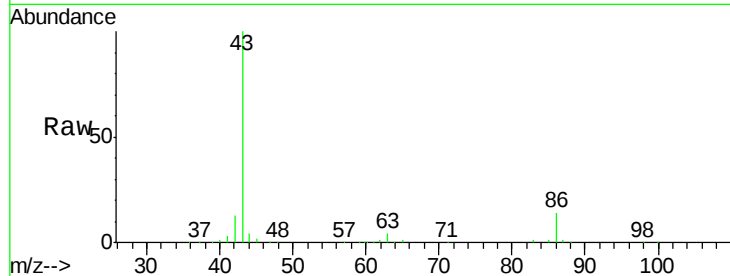
86 14.1 11.3 16.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

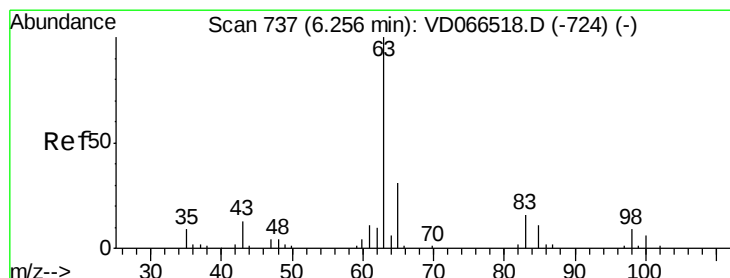
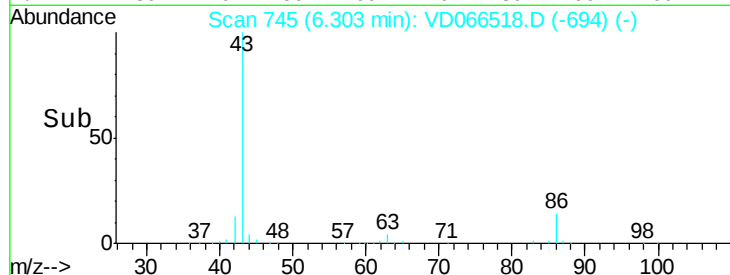
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.668 ug/l

RT: 6.26 min Scan# 737

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

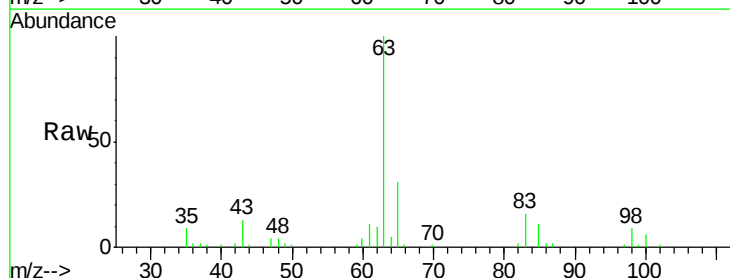
Tgt Ion: 63 Resp: 108108

Ion Ratio Lower Upper

63 100

98 8.7 4.3 13.1

100 5.8 2.9 8.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

40000

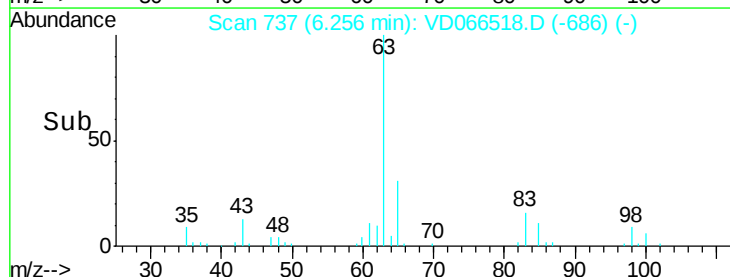
30000

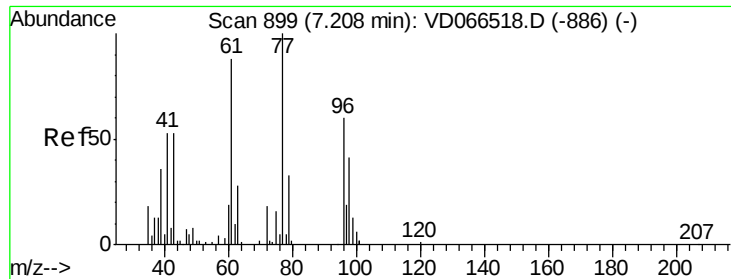
20000

10000

0

Time-->





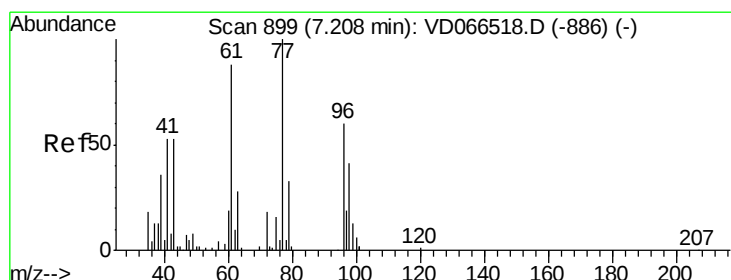
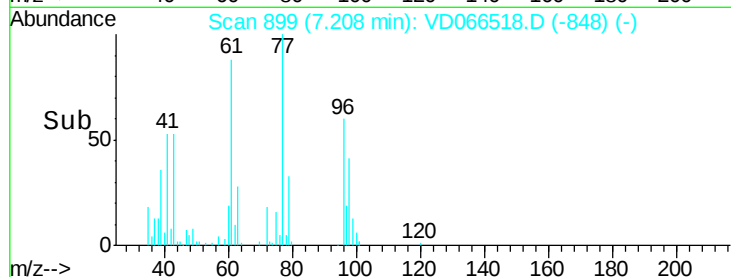
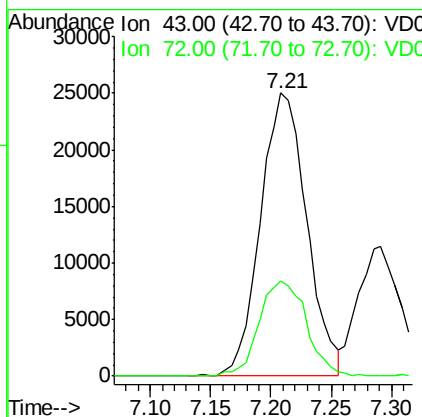
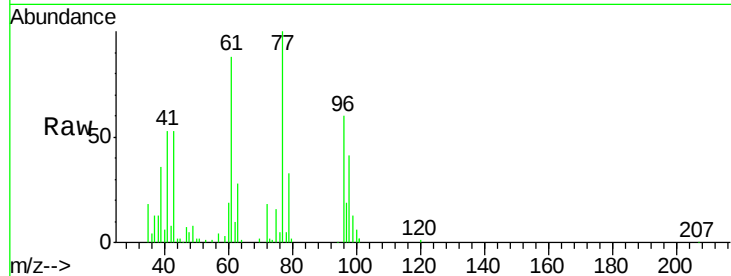
#25
2-Butanone
Concen: 243.192 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 66378
Ion Ratio Lower Upper
43 100
72 33.5 26.8 40.2

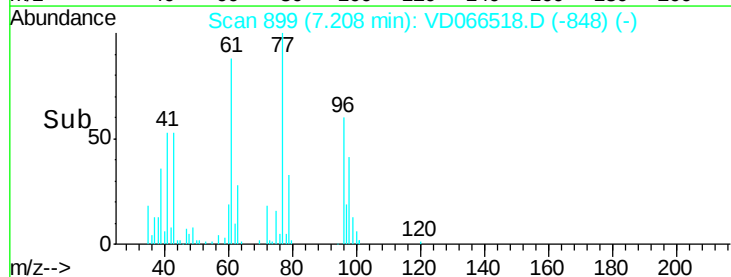
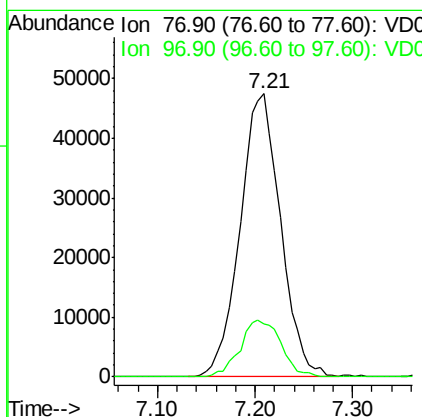
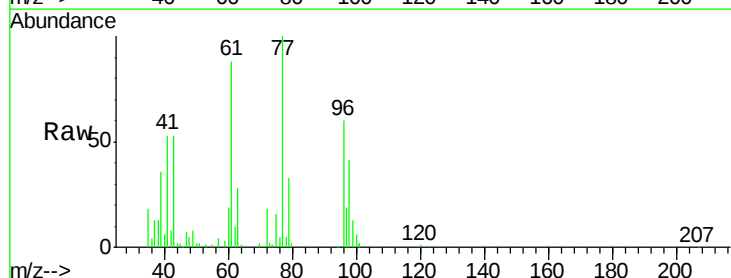
Manual Integrations
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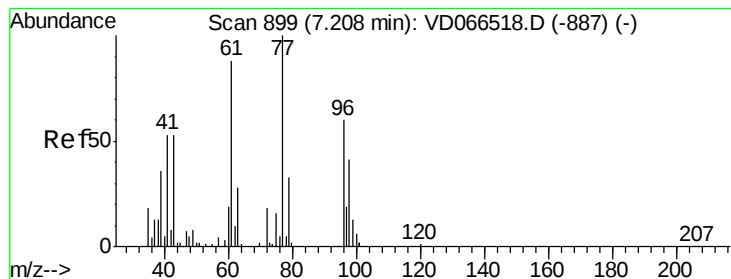
MMDadoda
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#26
2,2-Dichloropropane
Concen: 50.070 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 77 Resp: 138092
Ion Ratio Lower Upper
77 100
97 20.3 10.2 30.4





#27

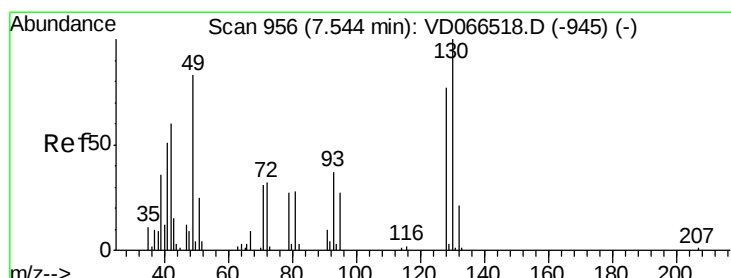
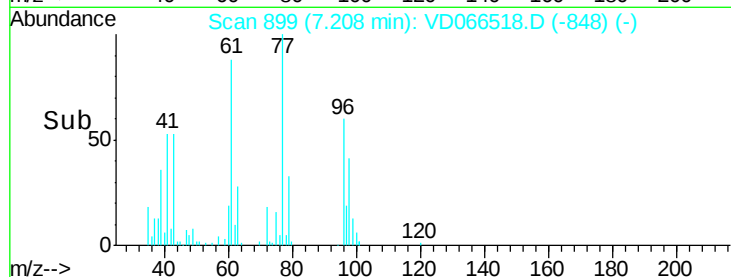
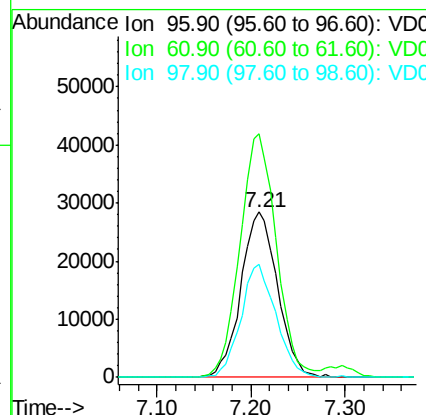
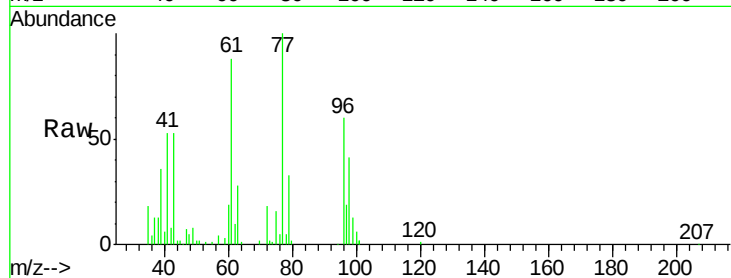
cis-1,2-Dichloroethene
 Concen: 50.188 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	292.8
98	65.1	0.0	130.2

Manual Integrations
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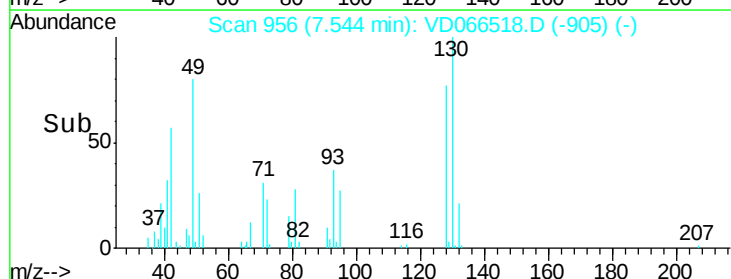
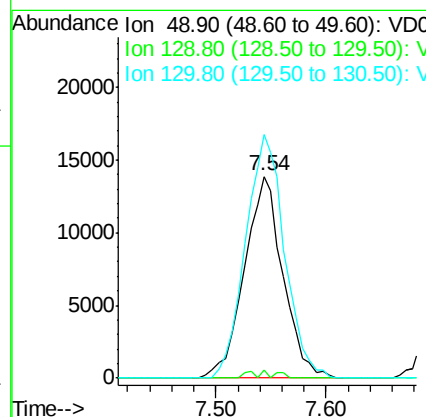
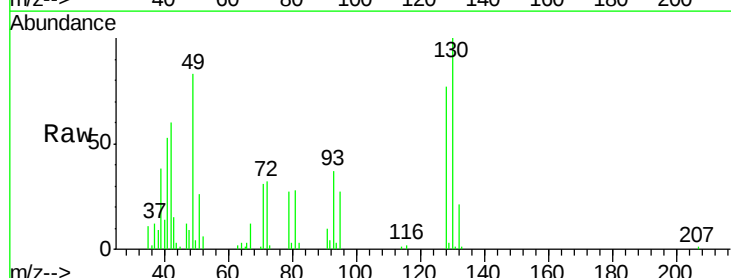
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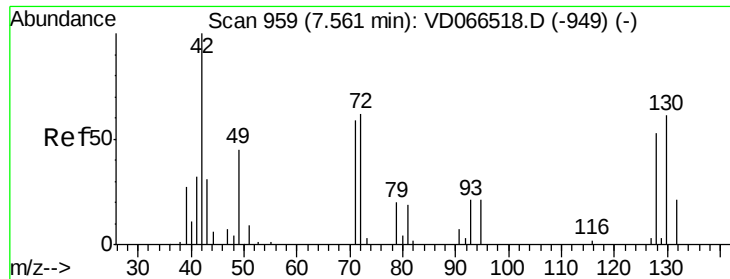


#28

Bromochloromethane
 Concen: 53.713 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	1.2
130	122.5	98.0	147.0





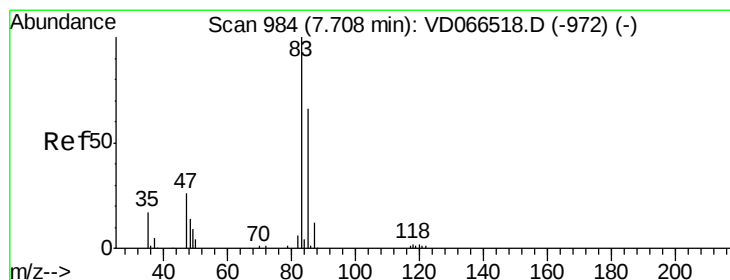
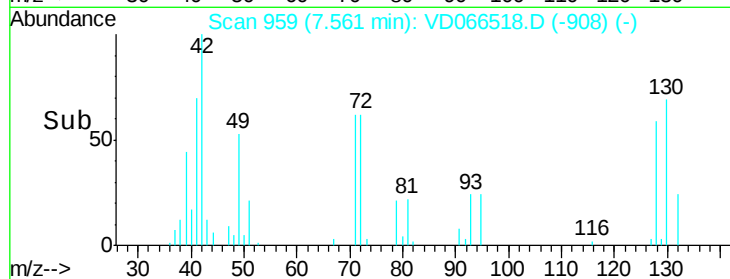
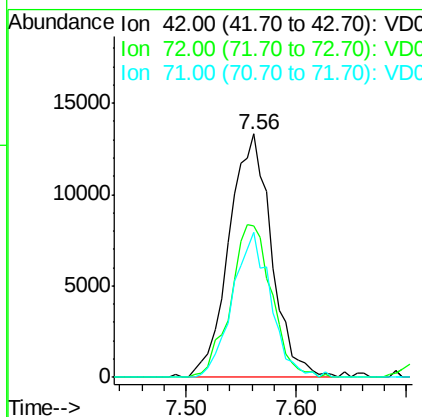
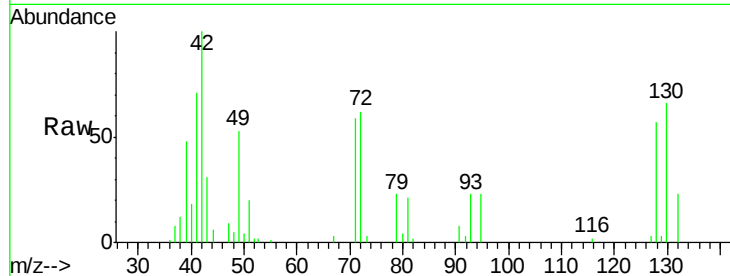
#29
Tetrahydrofuran
Concen: 255.261 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.7	48.6	72.8
71	54.0	43.2	64.8

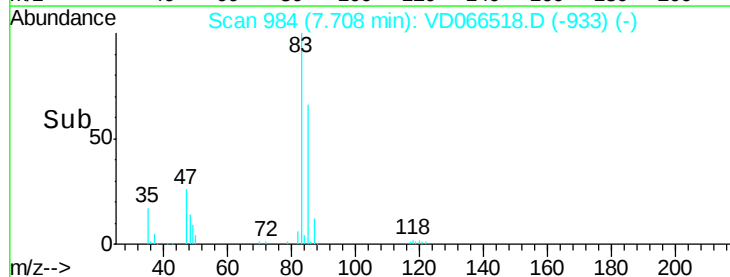
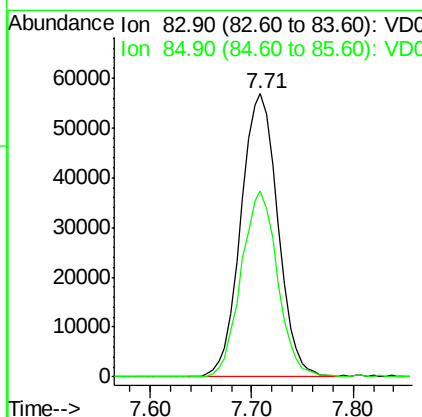
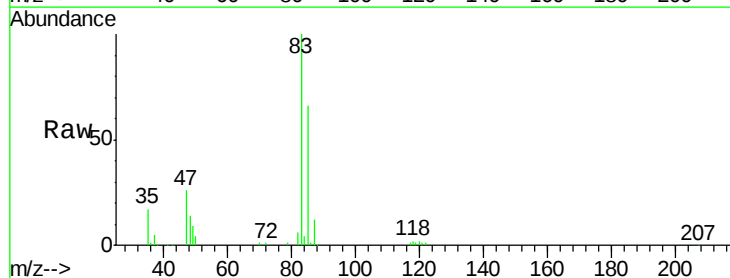
Manual Integrations
APPROVED

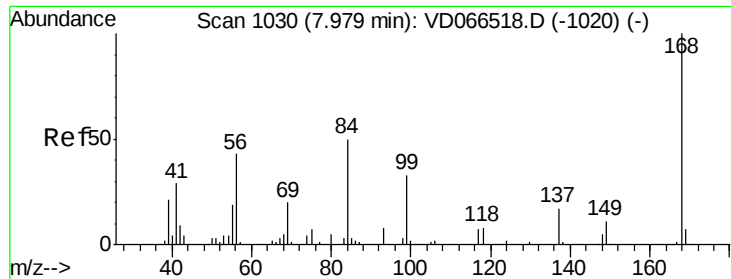
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#30
Chloroform
Concen: 51.342 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.6	79.0





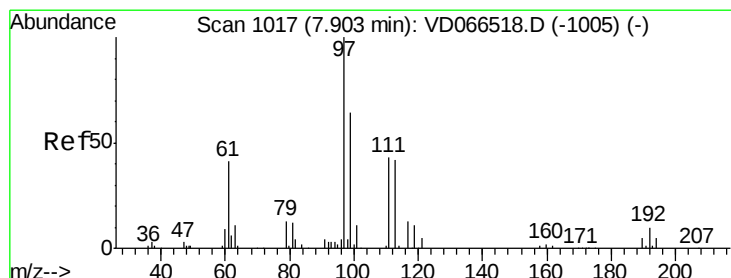
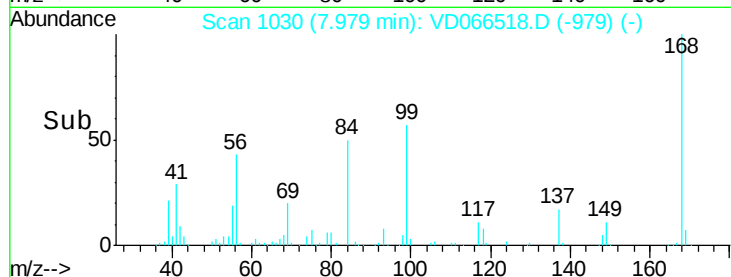
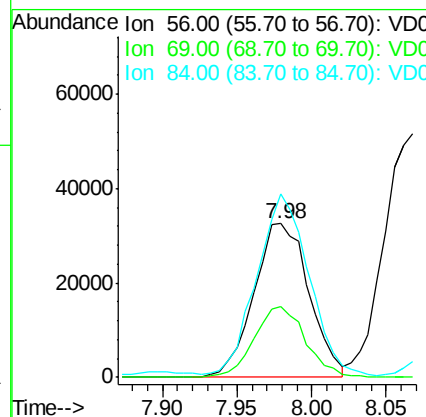
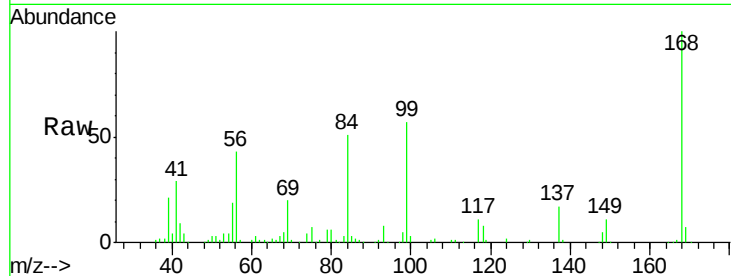
#31
Cyclohexane
Concen: 44.427 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	56	Ratio	Lower	Upper
56	100			
69	46.0	36.8	55.2	
84	116.7	93.4	140.0	

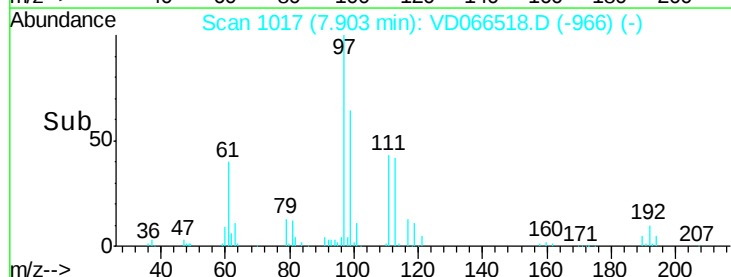
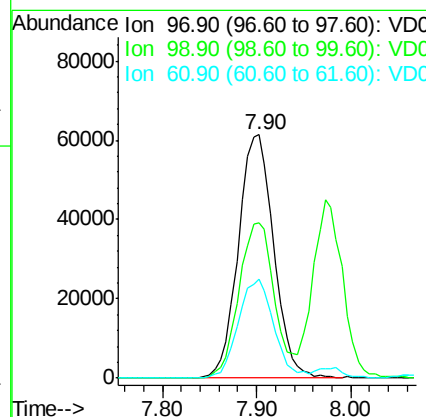
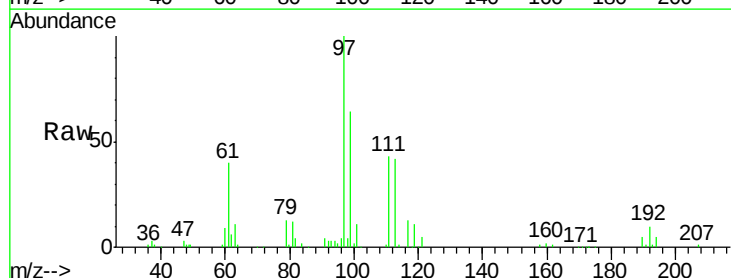
Manual Integrations
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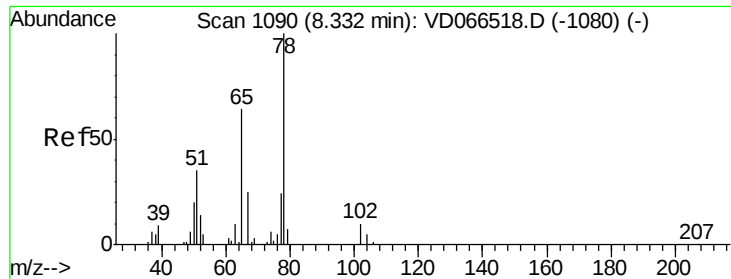
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#32
1,1,1-Trichloroethane
Concen: 51.174 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	97	Ratio	Lower	Upper
97	100			
99	64.6	51.7	77.5	
61	40.7	32.6	48.8	





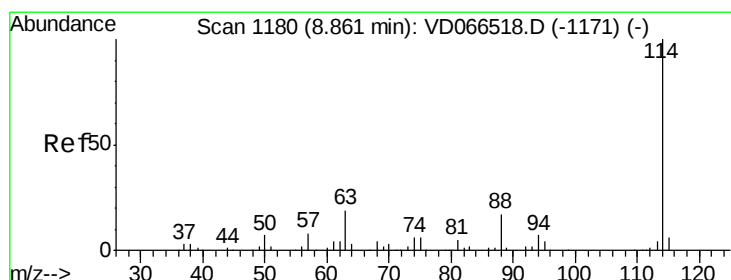
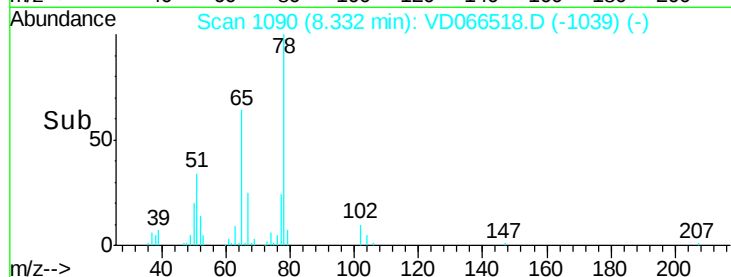
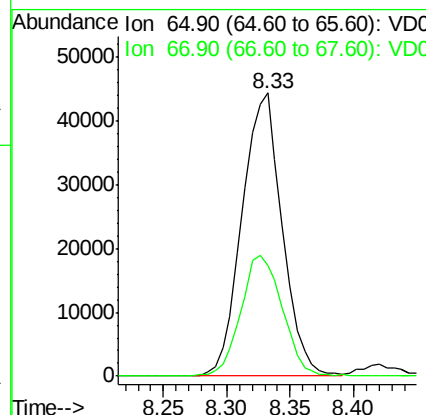
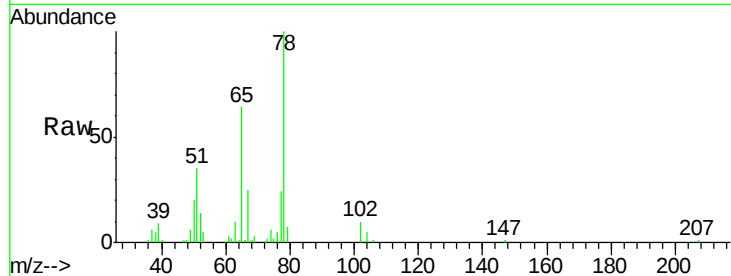
#33
 1,2-Dichloroethane-d4
 Concen: 54.723 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	88.2

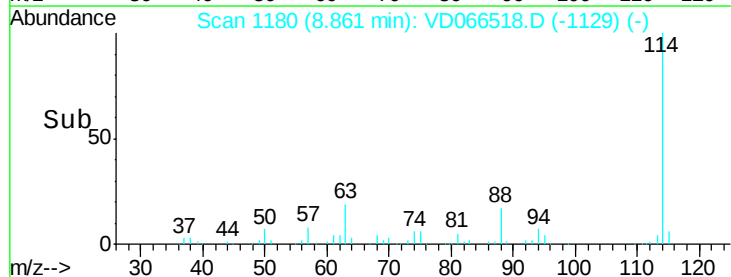
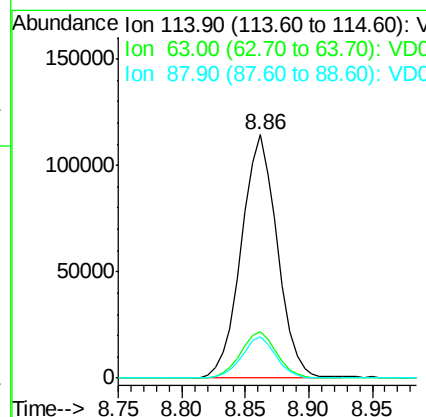
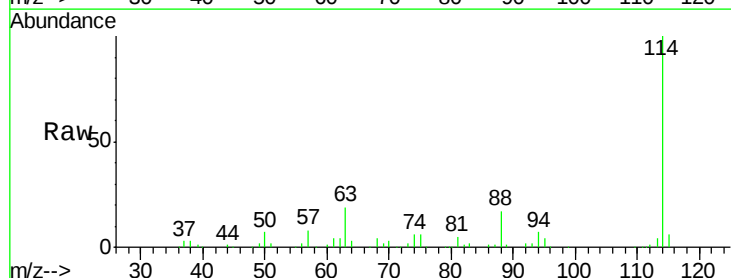
Manual Integrations
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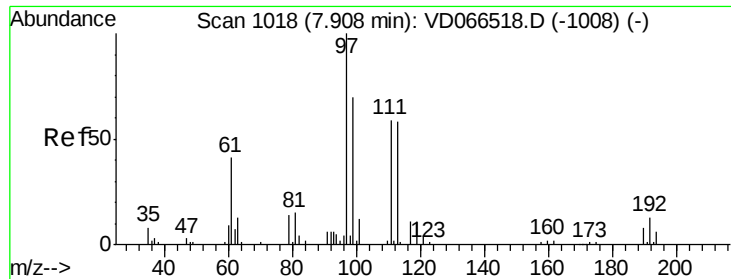
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	16.8	0.0	33.6





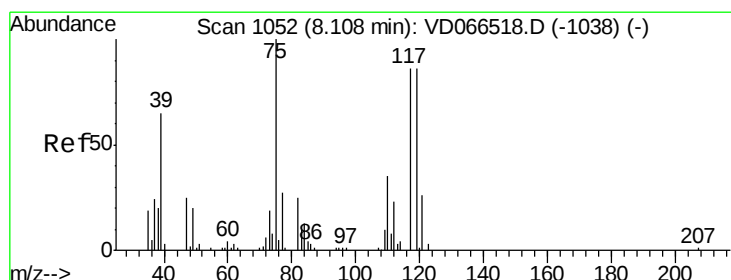
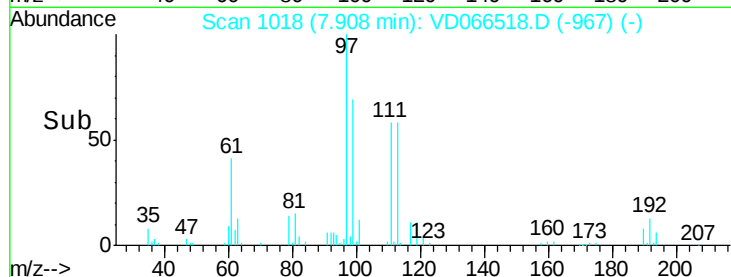
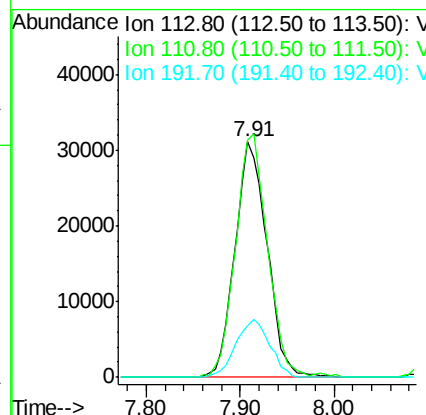
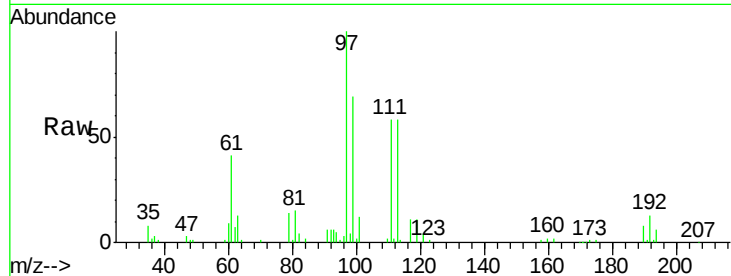
#35
 Dibromofluoromethane
 Concen: 54.239 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.5	123.7
192	25.9	20.7	31.1

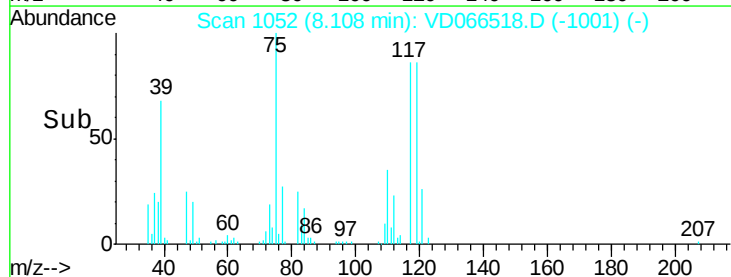
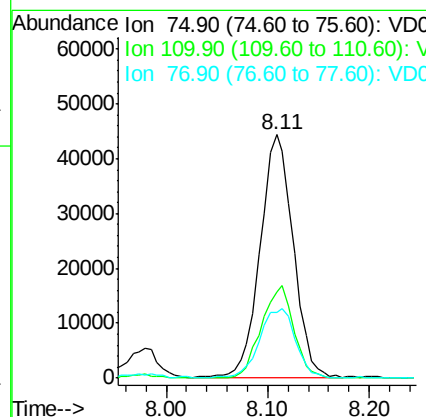
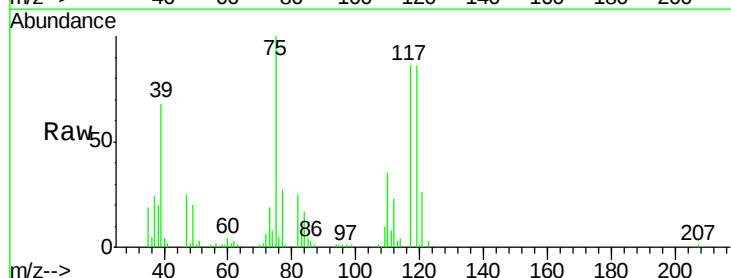
Manual Integrations
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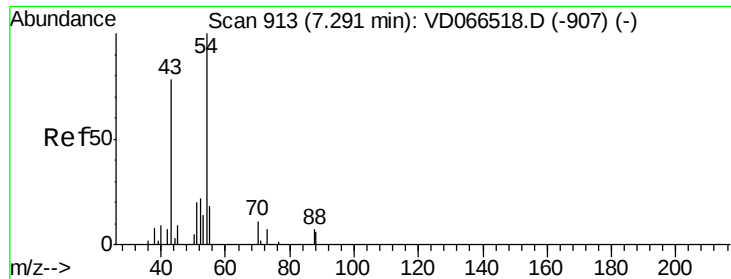
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#36
 1,1-Dichloropropene
 Concen: 51.147 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.4	55.2
77	30.7	24.6	36.8





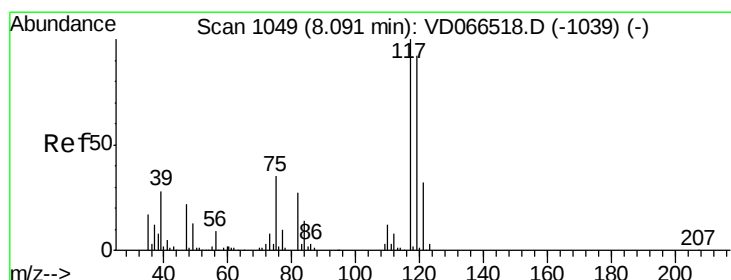
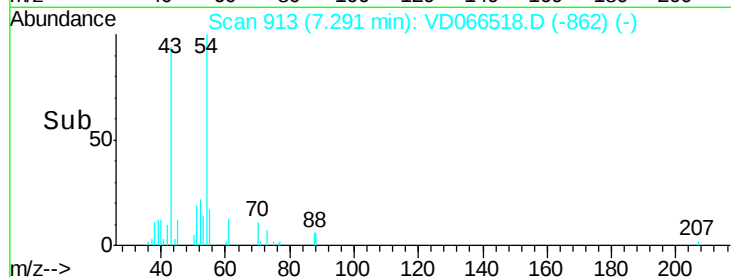
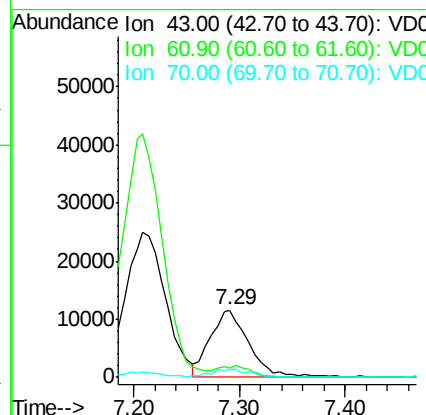
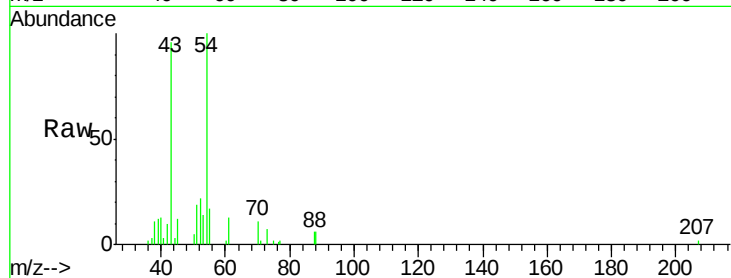
#37
Ethyl Acetate
Concen: 49.602 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	12.7	10.2	15.2

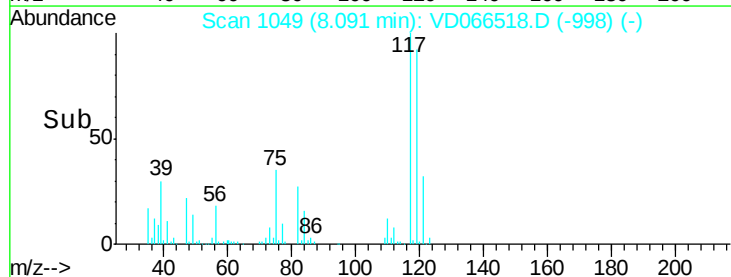
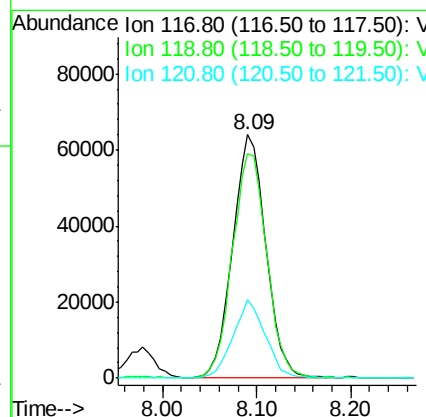
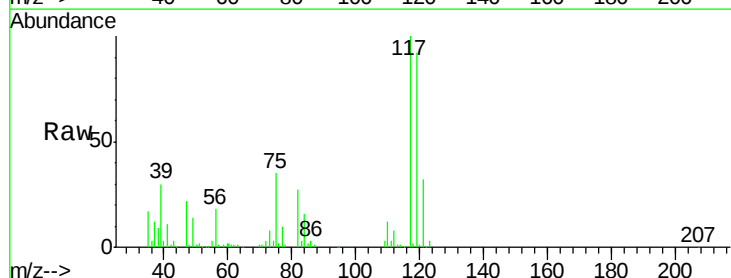
Manual Integrations
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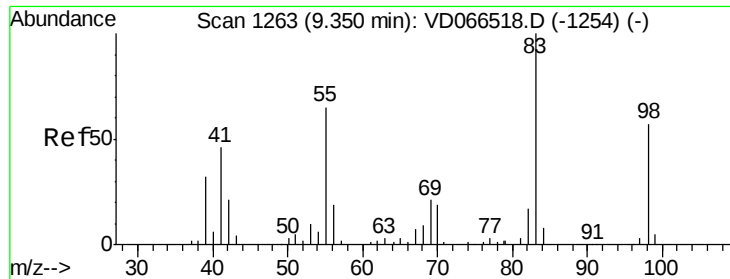
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#38
Carbon Tetrachloride
Concen: 52.136 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	73.9	110.9
121	32.0	25.6	38.4





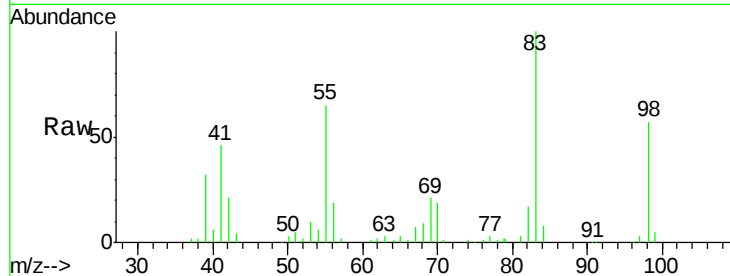
#39
Methvlcvclohexane
Concen: 50.234 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

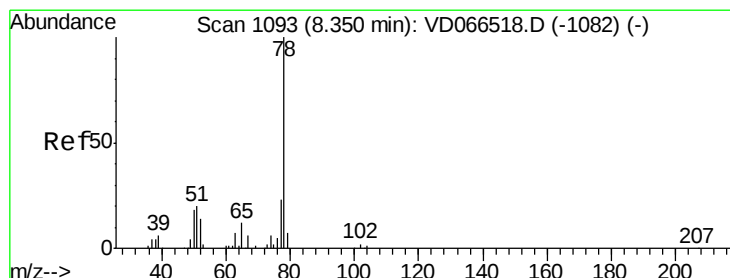
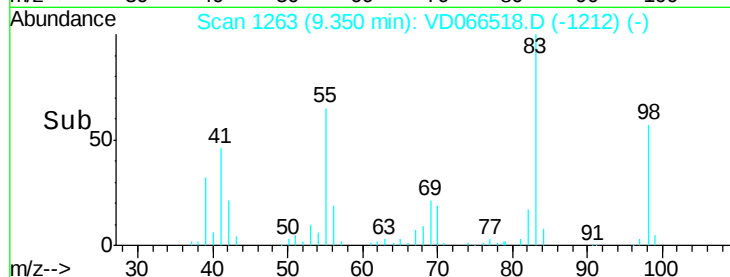
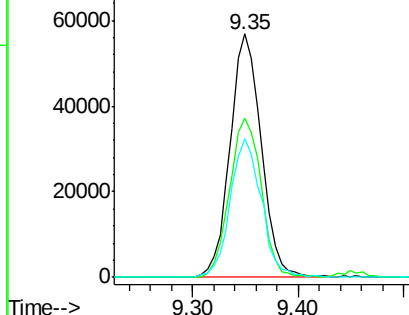
Tot Ion	Ratio	Lower	Upper
83	100		
55	65.2	52.2	78.2
98	57.0	45.6	68.4

Manual Integrations
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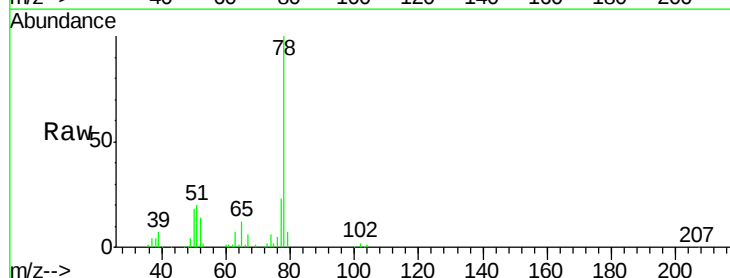


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

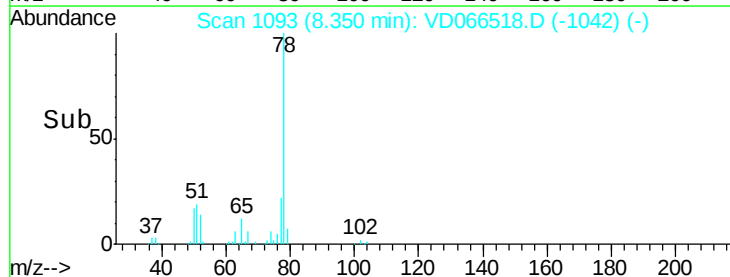
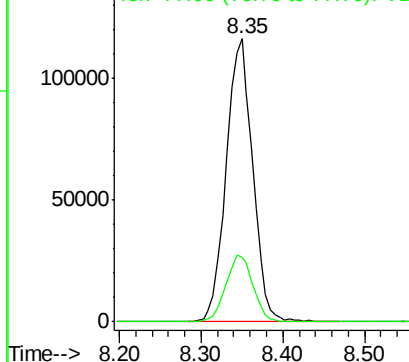


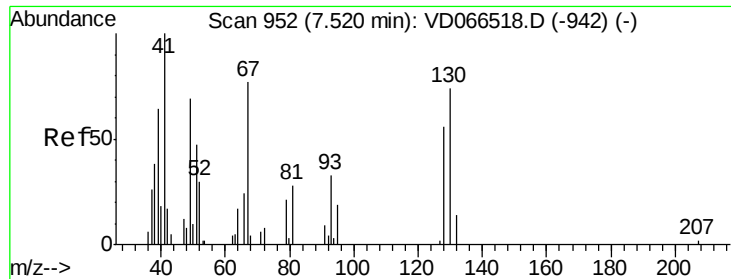
#40
Benzene
Concen: 51.507 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.1	27.1



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





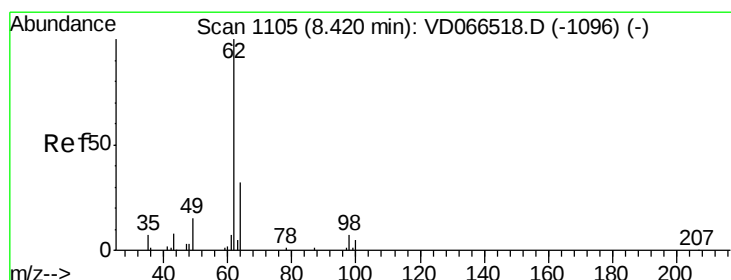
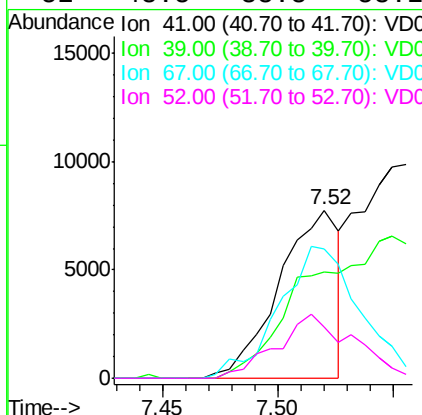
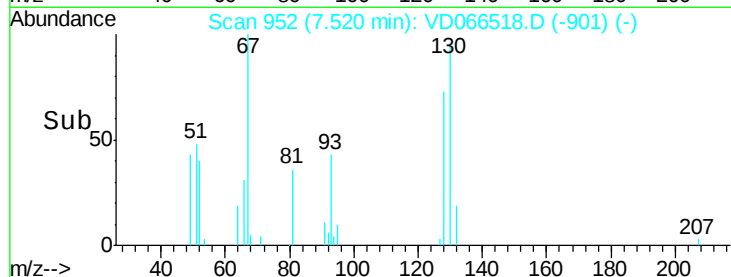
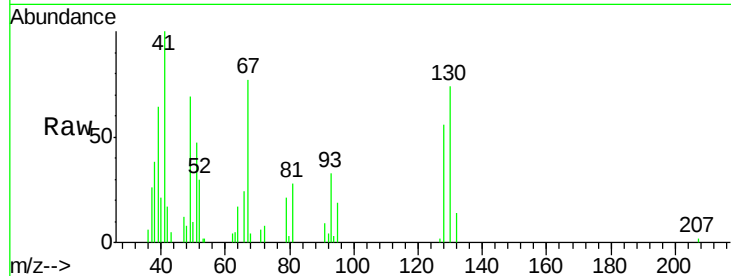
#41
Methacrylonitrile
Concen: 41.843 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	106.2	85.0	127.4
52	48.5	38.8	58.2

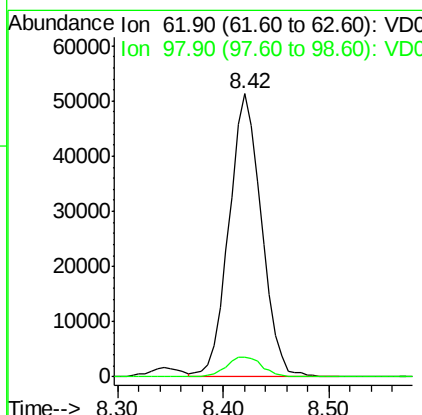
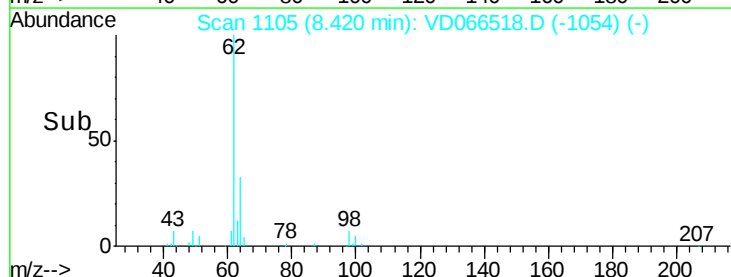
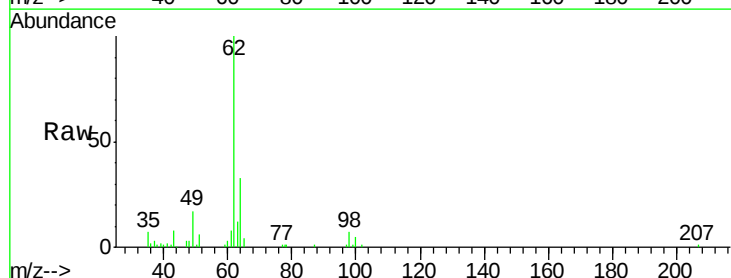
Manual Integrations
APPROVED

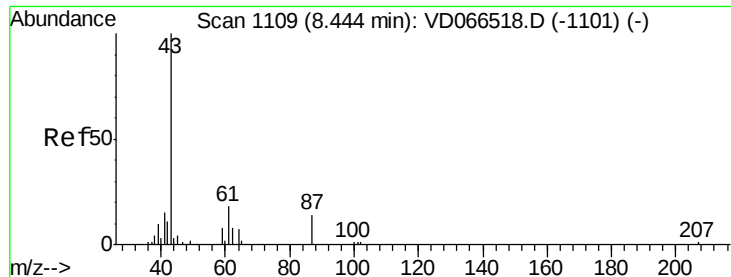
MMDadoda
9/3/2020 4:57:16 PM



#42
1,2-Dichloroethane
Concen: 50.637 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2





#43

Isopropyl Acetate

Concen: 50.355 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

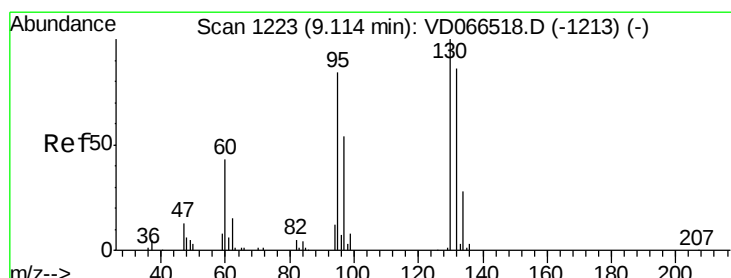
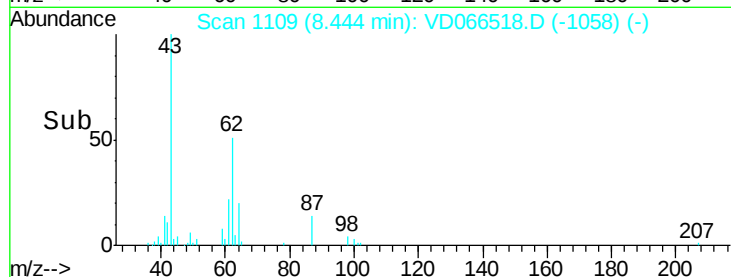
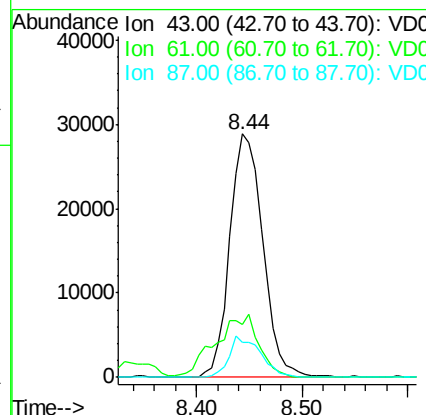
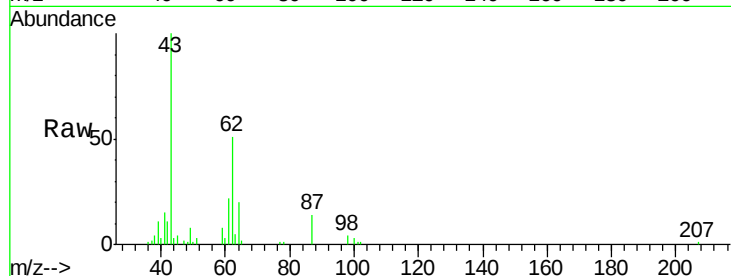
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	62616
Ion	Ratio	Lower	Upper
43	100		
61	33.6	26.9	40.3
87	16.1	12.9	19.3

Manual Integrations
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#44

Trichloroethene

Concen: 51.554 ug/l

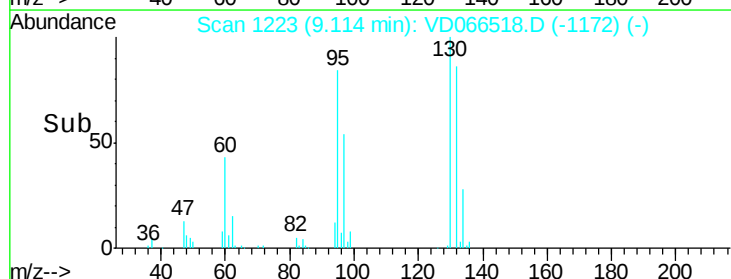
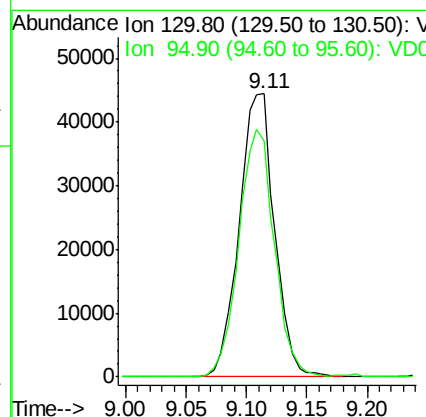
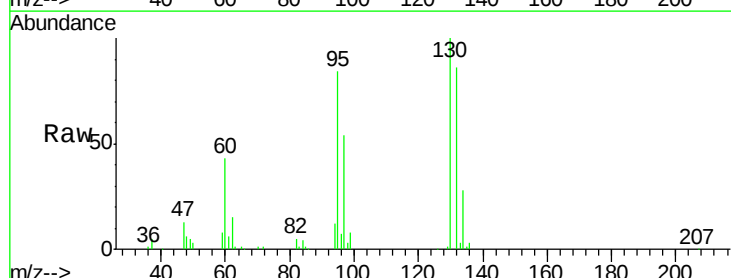
RT: 9.11 min Scan# 1223

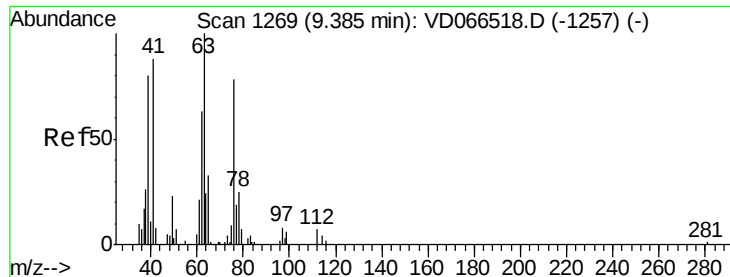
Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Tgt Ion:	130	Resp:	90773
Ion	Ratio	Lower	Upper
130	100		
95	83.6	0.0	167.2





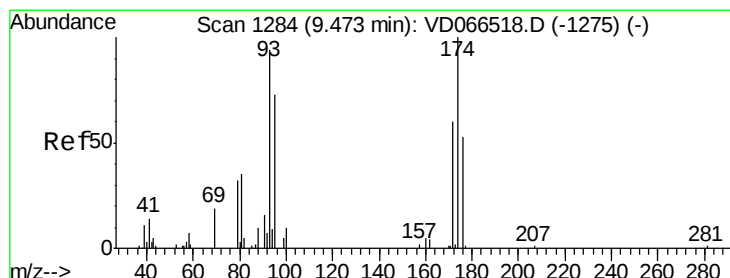
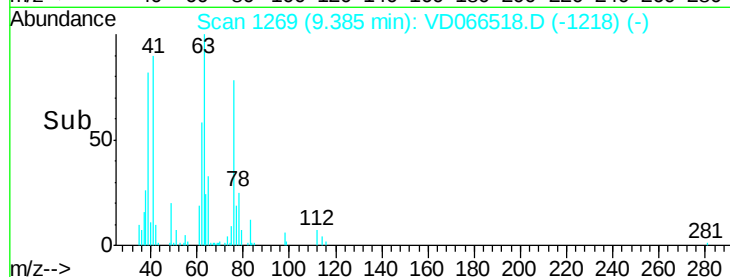
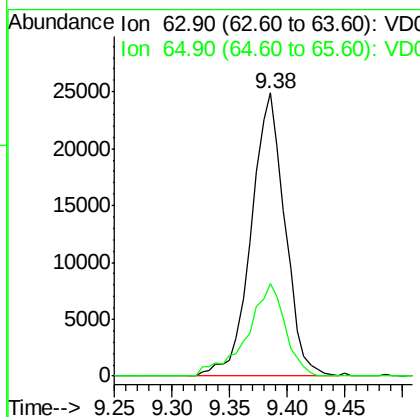
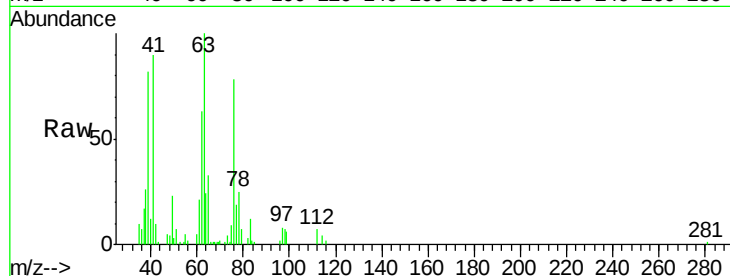
#45
 1,2-Dichloropropane
 Concen: 50.097 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	63	Resp	50706
Ion Ratio	Lower	Upper	
63	100		
65	32.8	26.2	39.4

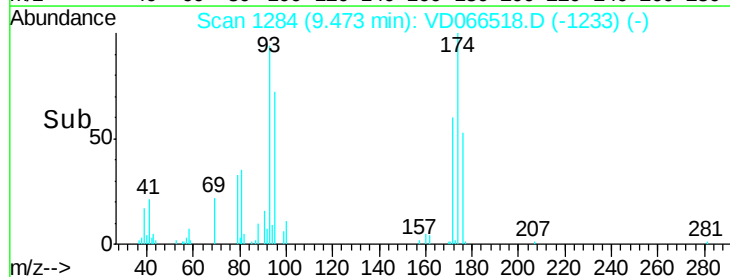
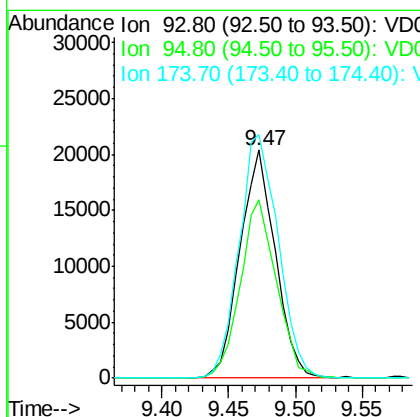
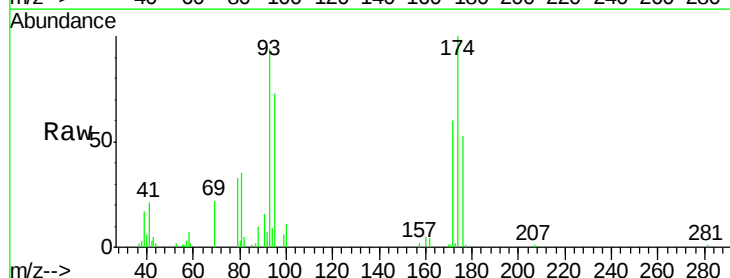
Manual Integrations
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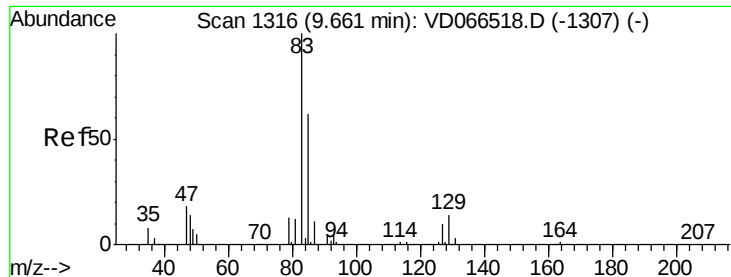
MMDadoda
 9/3/2020 4:57:16 PM



#46
 Dibromomethane
 Concen: 50.516 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion	93	Resp	37433
Ion Ratio	Lower	Upper	
93	100		
95	79.9	63.9	95.9
174	118.0	94.4	141.6





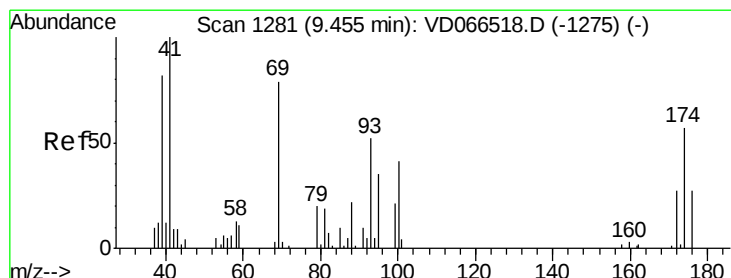
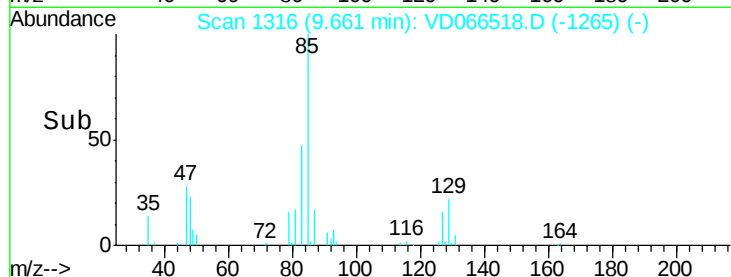
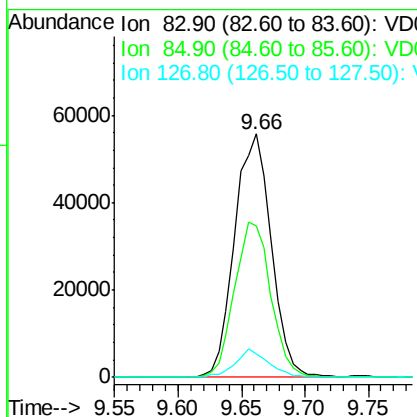
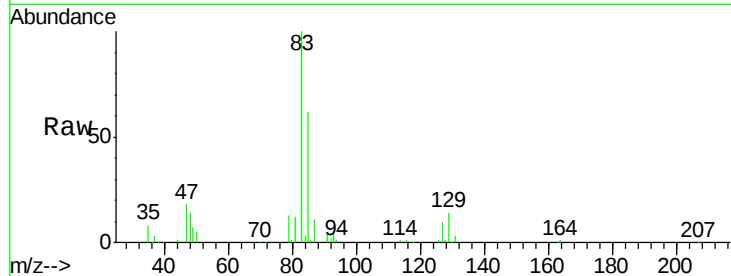
#47
Bromodichloromethane
Concen: 50.984 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.0	49.6	74.4	
127	9.7	7.8	11.6	

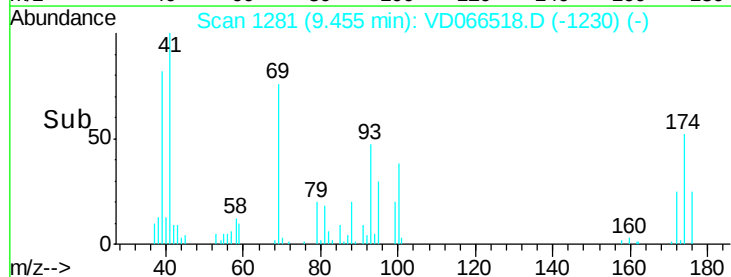
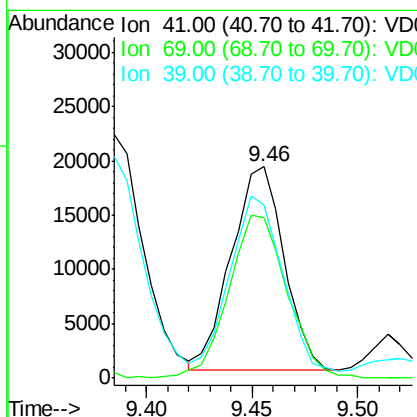
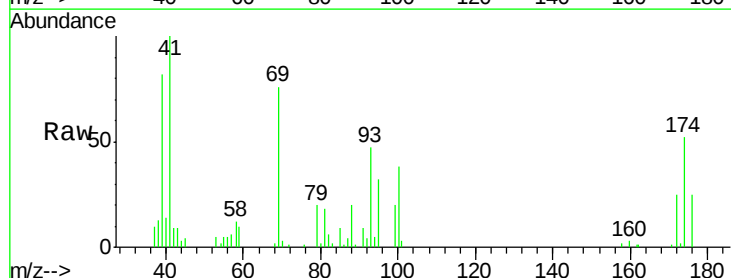
Manual Integrations
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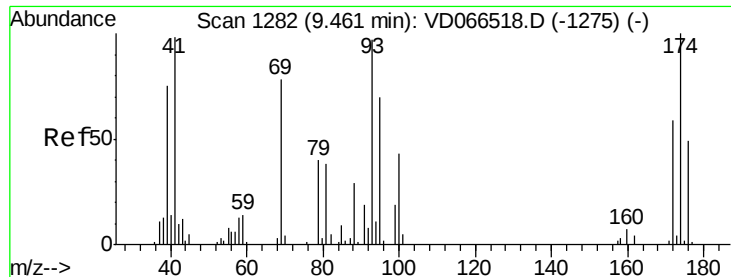
MMDadoda
9/3/2020 4:57:16 PM



#48
Methyl methacrylate
Concen: 50.985 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	88.9	71.1	106.7	
39	94.3	75.4	113.2	





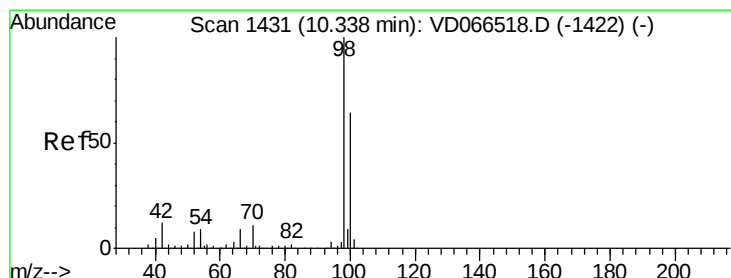
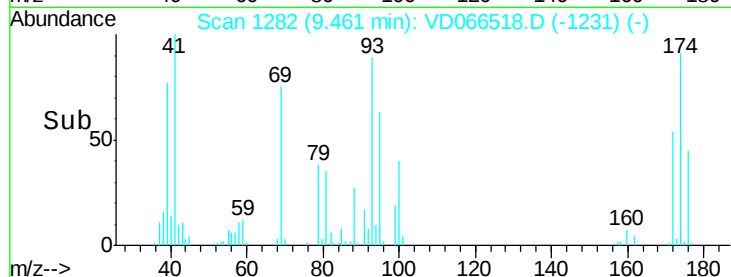
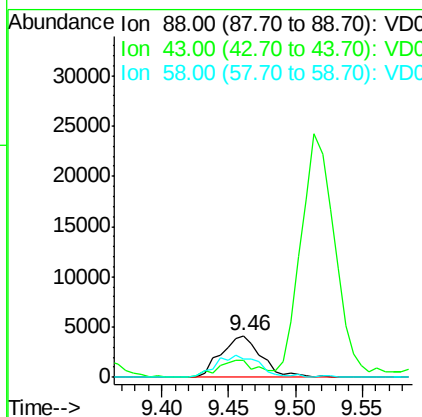
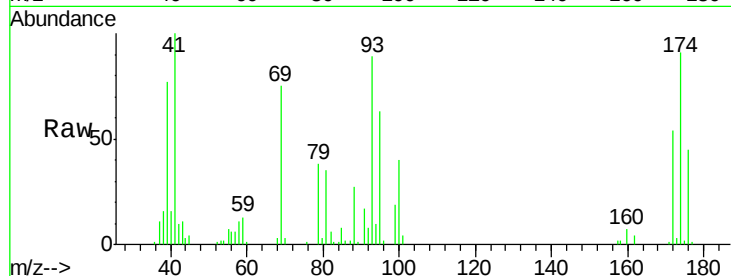
#49
1,4-Dioxane
Concen: 1008.103 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.2	33.8	50.6
58	57.8	46.2	69.4

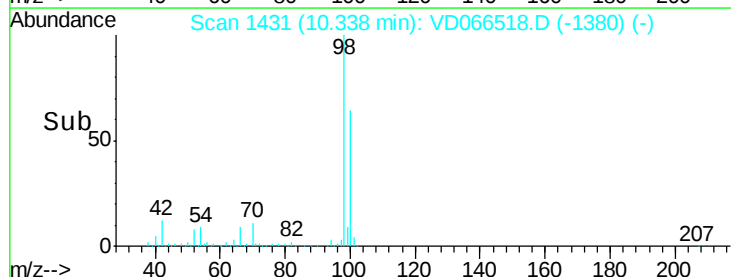
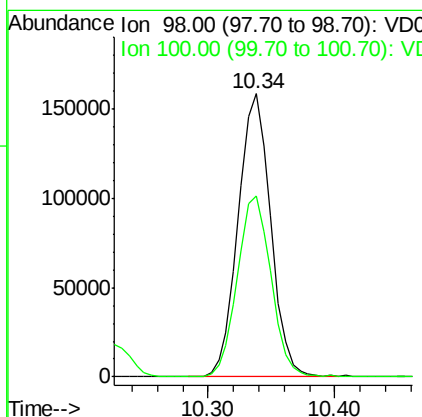
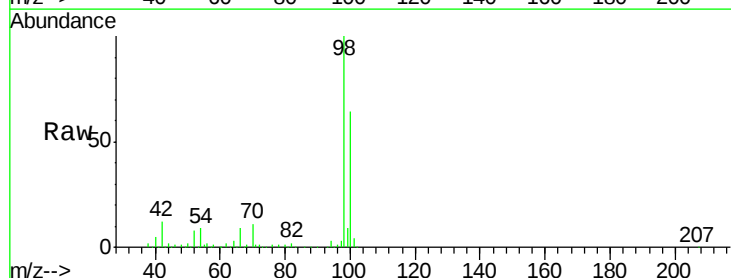
Manual Integrations
APPROVED

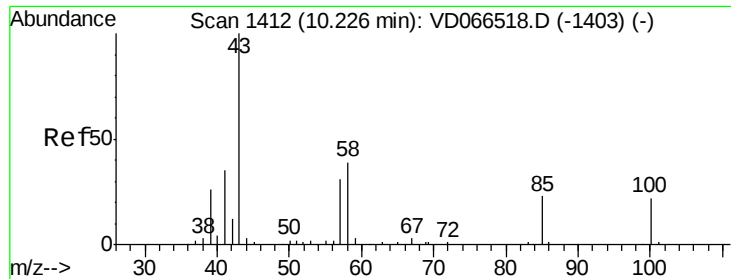
MMDadoda
9/3/2020 4:57:16 PM



#50
Toluene-d8
Concen: 55.528 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 258.437 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 147770

Ion Ratio Lower Upper

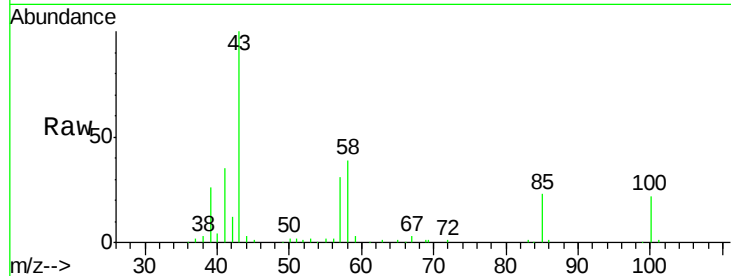
43 100

58 39.4 31.5 47.3

Manual Integrations
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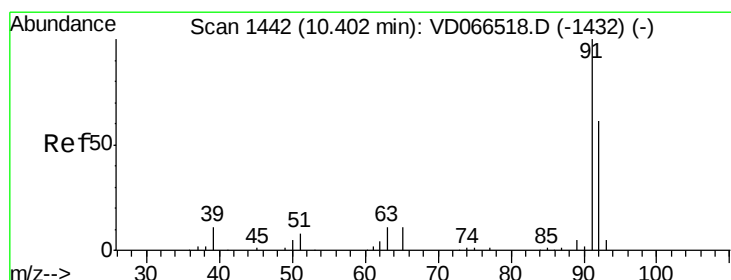
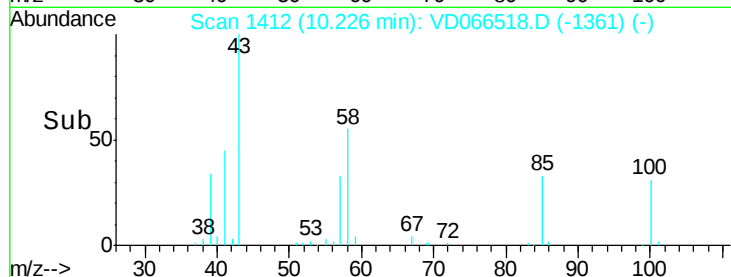
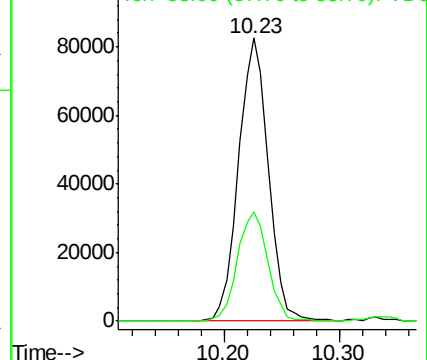
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.660 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066518.D

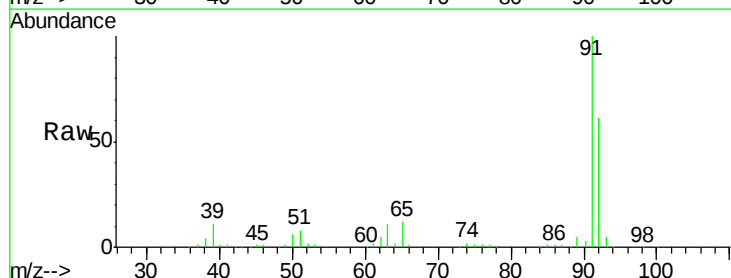
Acq: 02 Sep 2020 12:43

Tgt Ion: 92 Resp: 187449

Ion Ratio Lower Upper

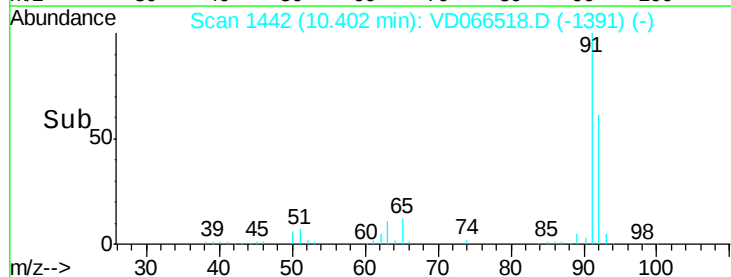
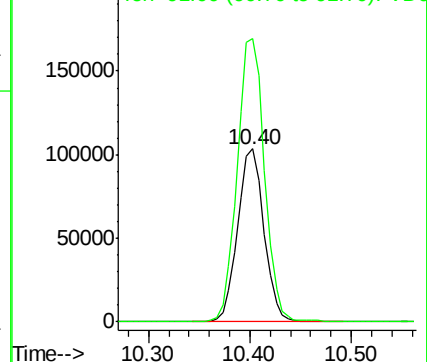
92 100

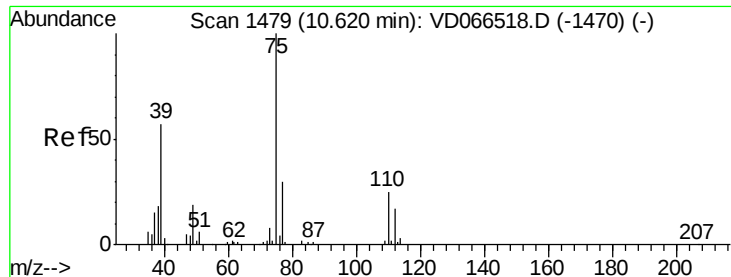
91 168.7 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





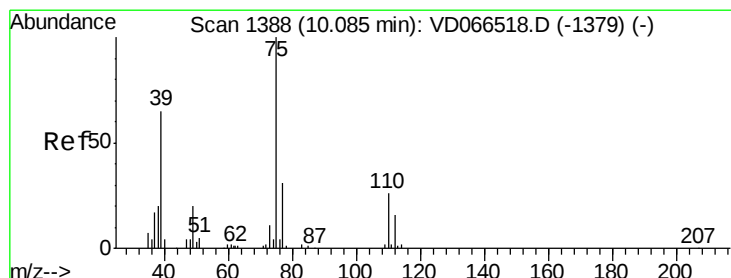
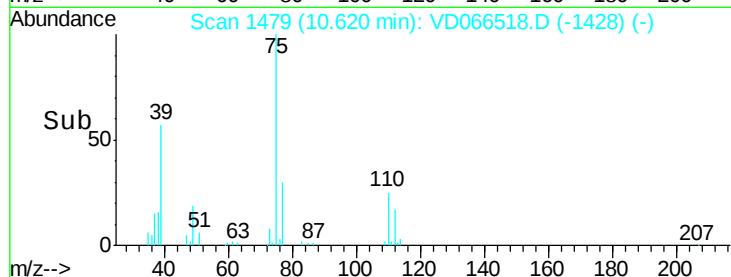
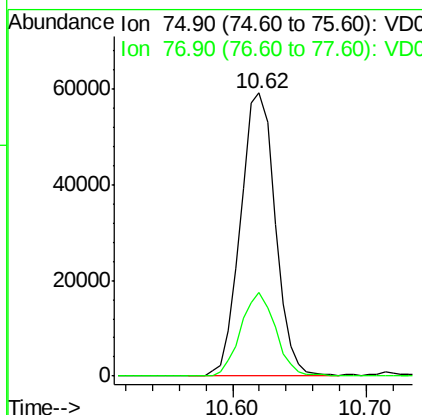
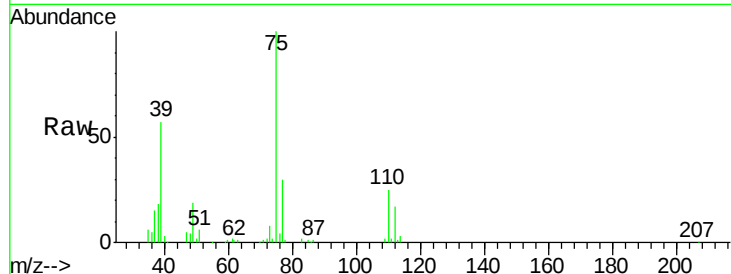
#53
t-1,3-Dichloropropene
Concen: 52.940 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 106523
Ion Ratio Lower Upper
75 100
77 29.6 23.7 35.5

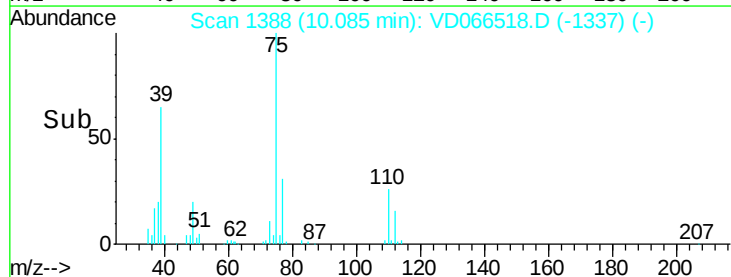
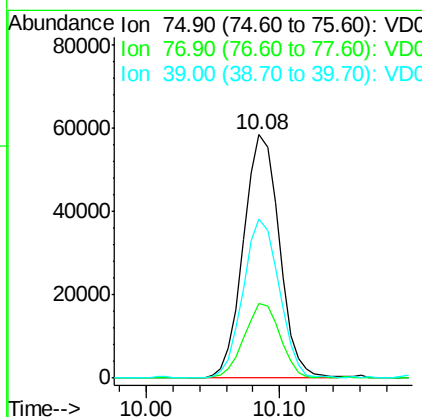
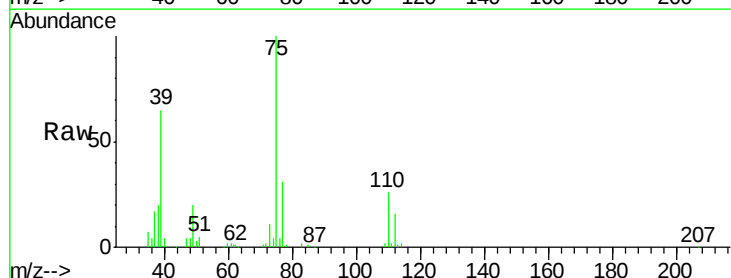
Manual Integrations
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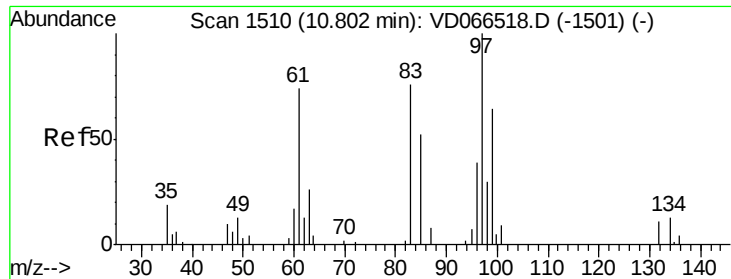
MMDadoda
9/3/2020 4:57:16 PM



#54
cis-1,3-Dichloropropene
Concen: 51.425 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 75 Resp: 109011
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 65.5 52.4 78.6





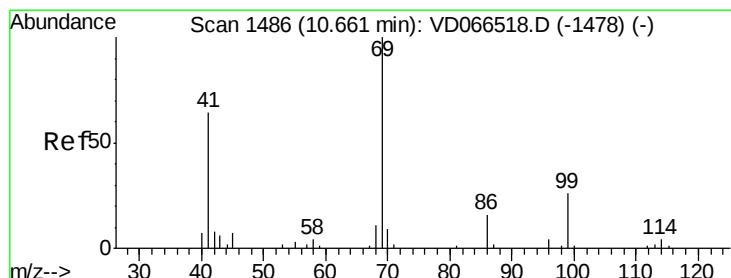
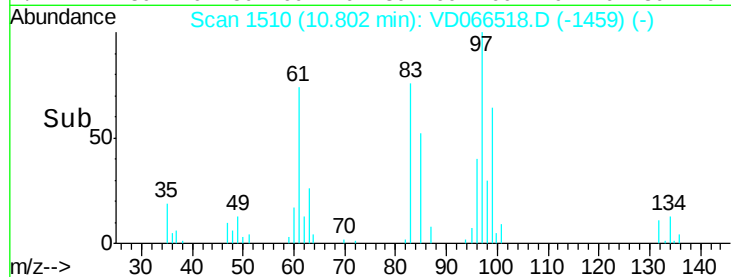
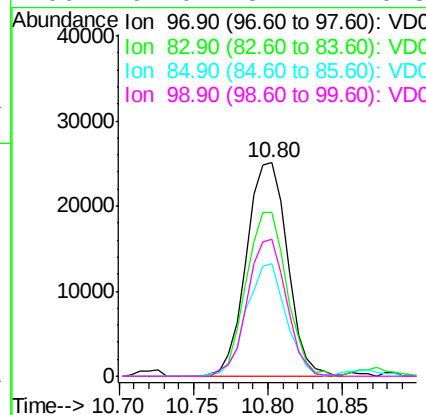
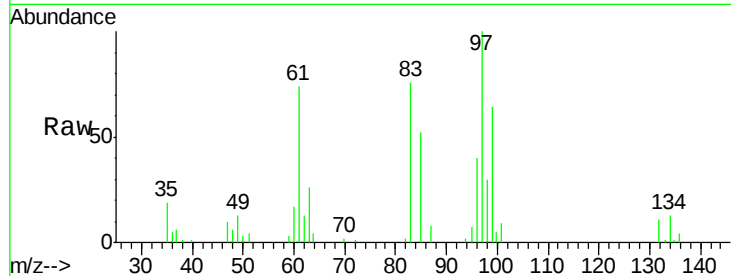
#55
 1,1,2-Trichloroethane
 Concen: 51.019 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	47771
Ion	Ratio	Lower	Upper
97	100		
83	76.5	61.2	91.8
85	52.5	42.0	63.0
99	64.0	51.2	76.8

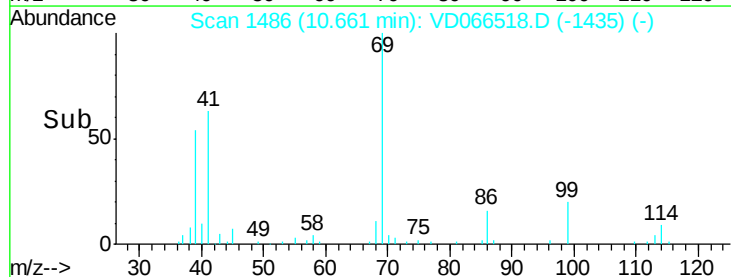
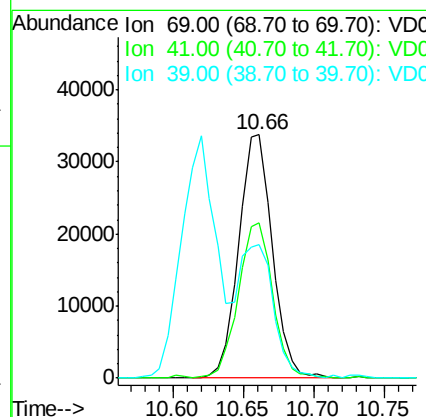
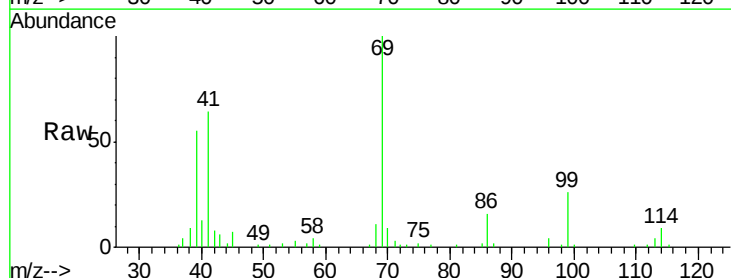
Manual Integrations
 APPROVED

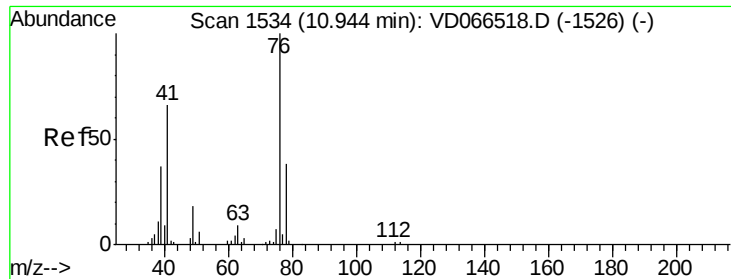
MMDadoda
 9/3/2020 4:57:16 PM



#56
 Ethyl methacrylate
 Concen: 51.049 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion:	69	Resp:	56254
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.5	78.7
39	52.6	42.1	63.1





#57

1,3-Dichloropropane

Concen: 51.720 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 79975

Ion Ratio Lower Upper

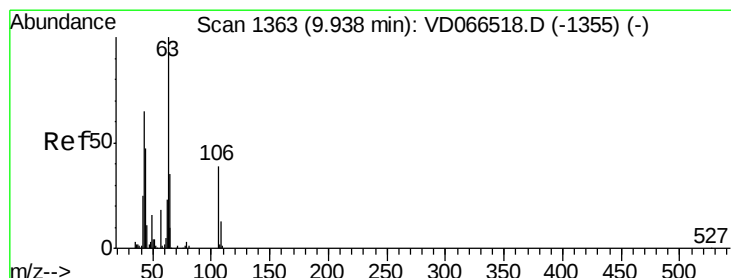
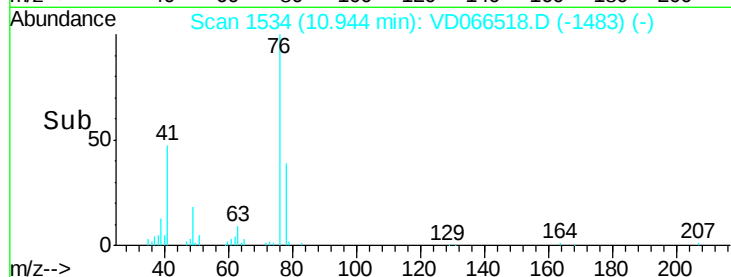
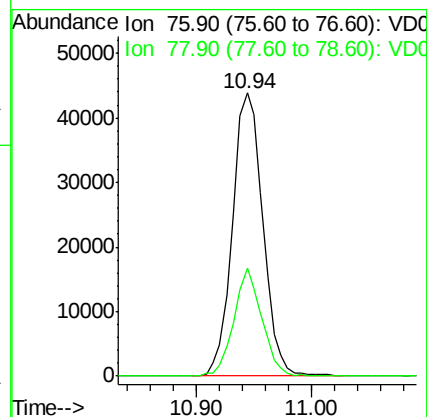
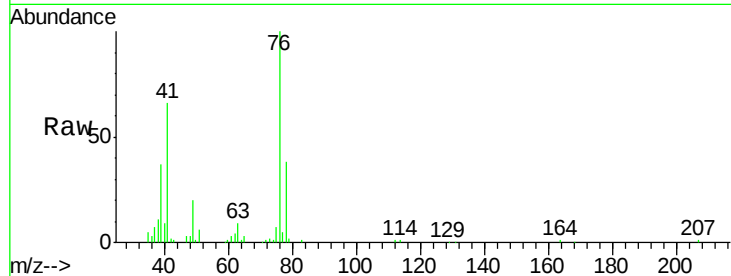
76 100

78 35.2 28.2 42.2

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#58

2-Chloroethyl Vinyl ether

Concen: 240.773 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066518.D

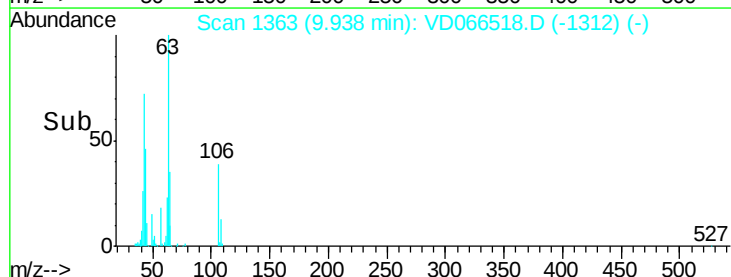
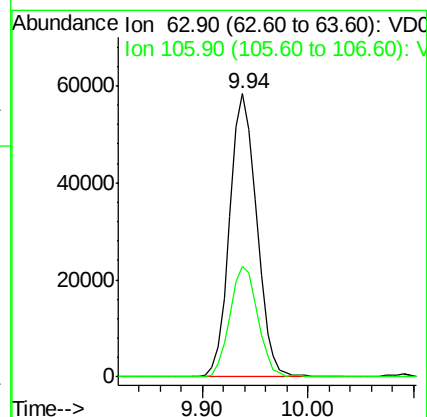
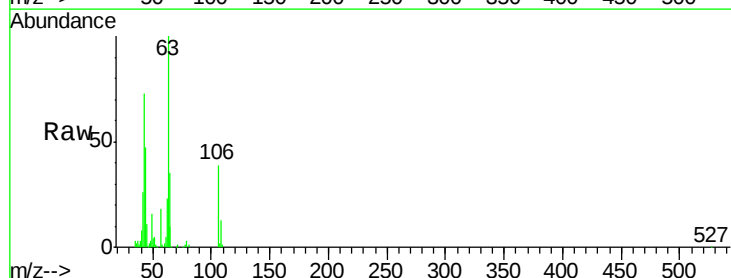
Acq: 02 Sep 2020 12:43

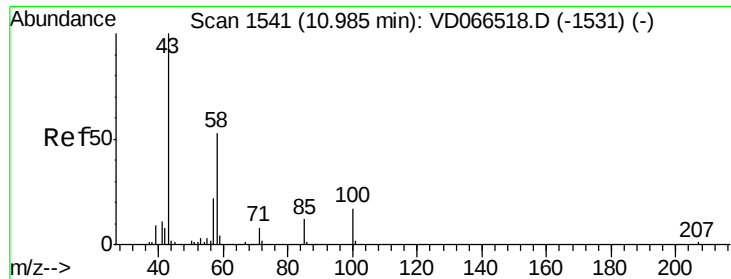
Tgt Ion: 63 Resp: 103570

Ion Ratio Lower Upper

63 100

106 40.1 32.1 48.1





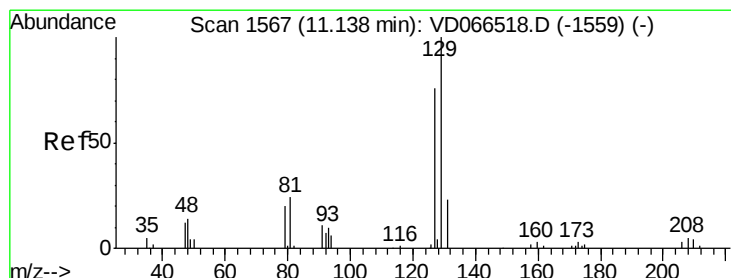
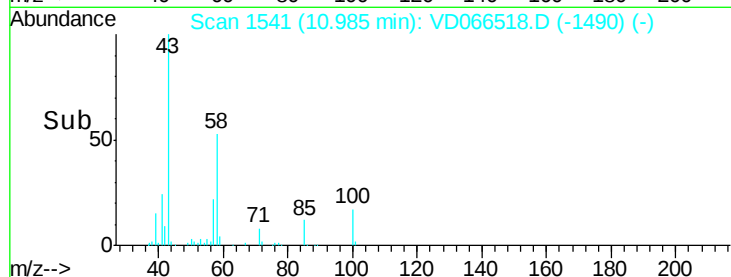
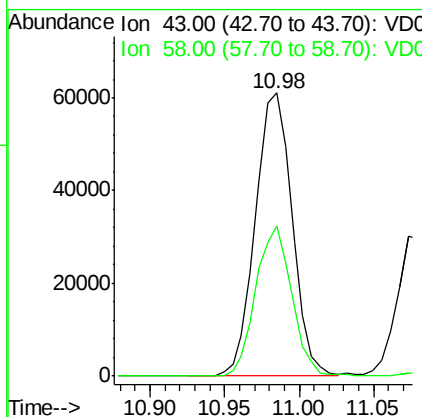
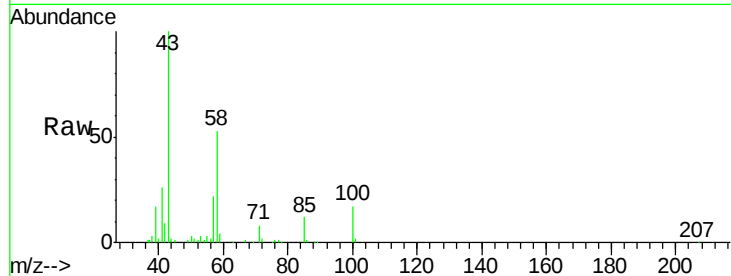
#59
2-Hexanone
Concen: 252.601 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 104313
Ion Ratio Lower Upper
43 100
58 51.3 25.7 77.0

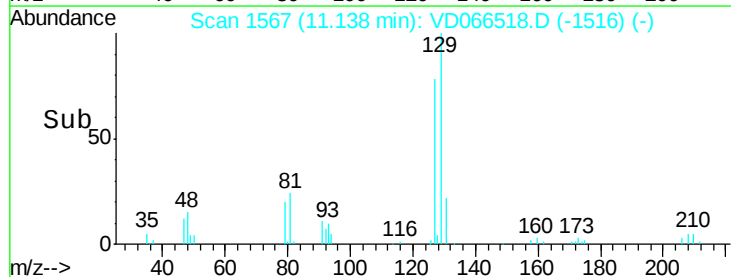
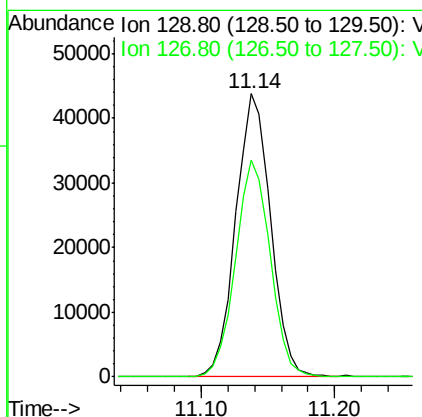
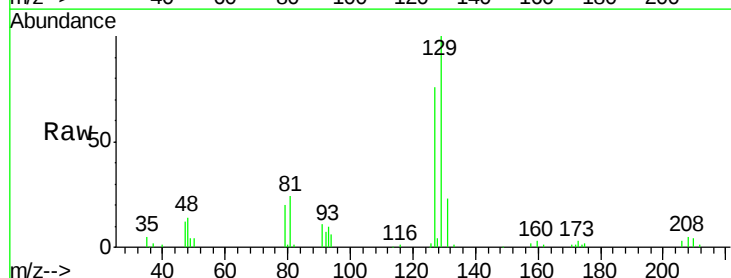
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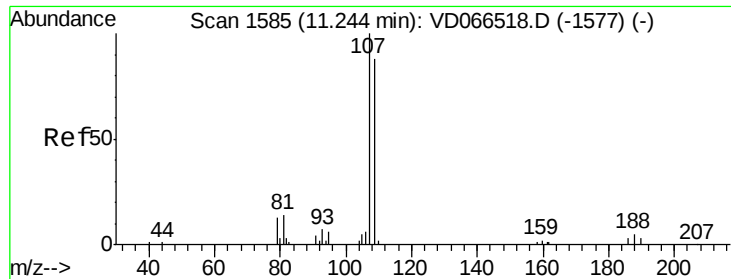
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#60
Dibromochloromethane
Concen: 51.099 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 129 Resp: 79118
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





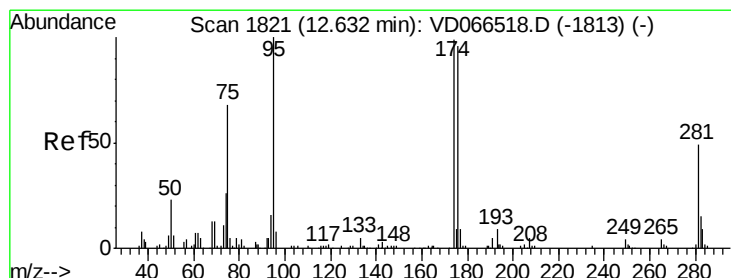
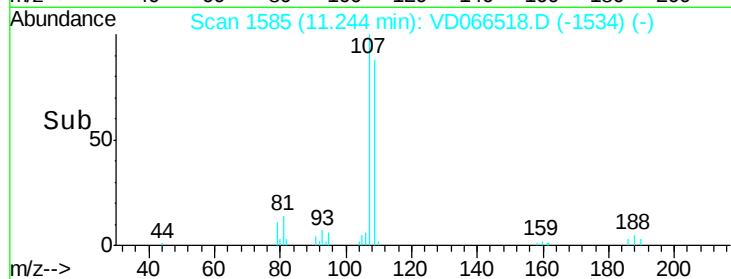
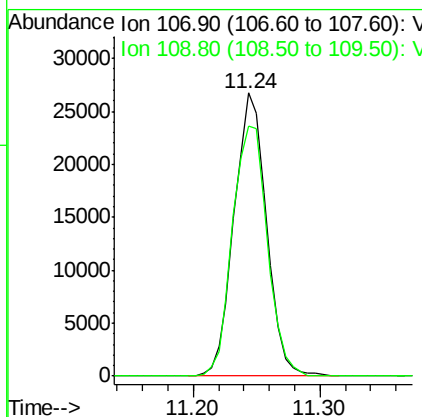
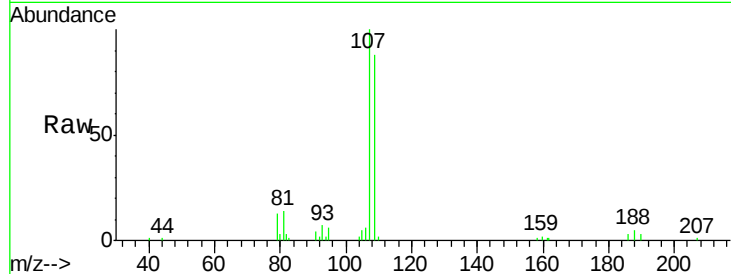
#61
 1,2-Dibromoethane
 Concen: 49.607 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.8

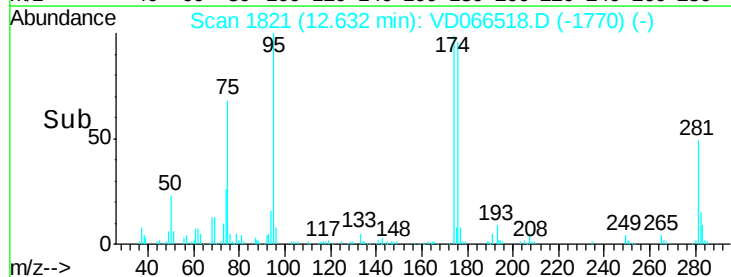
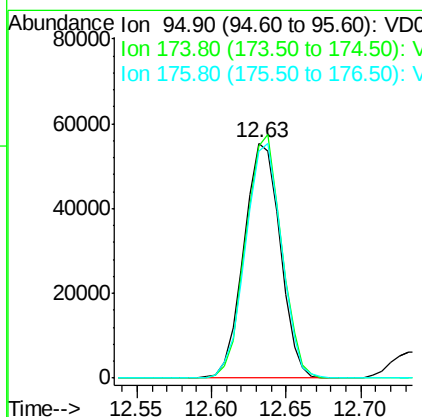
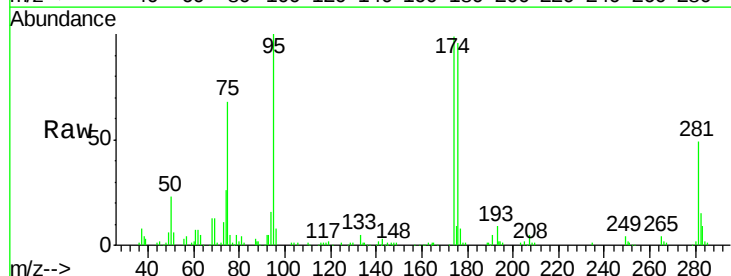
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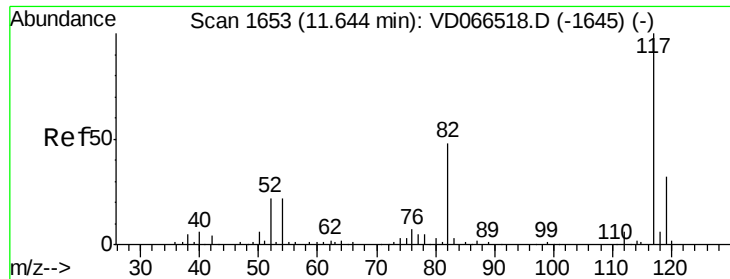
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#62
 4-Bromofluorobenzene
 Concen: 51.369 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	101.6	0.0	203.2
176	99.3	0.0	198.6





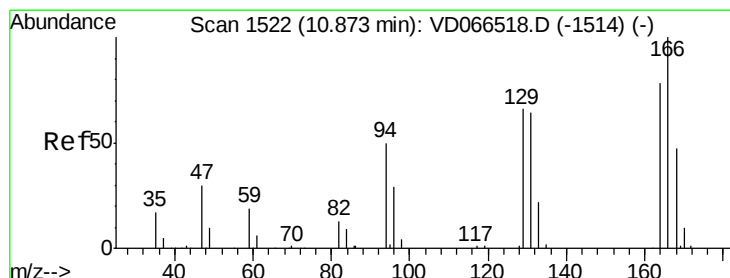
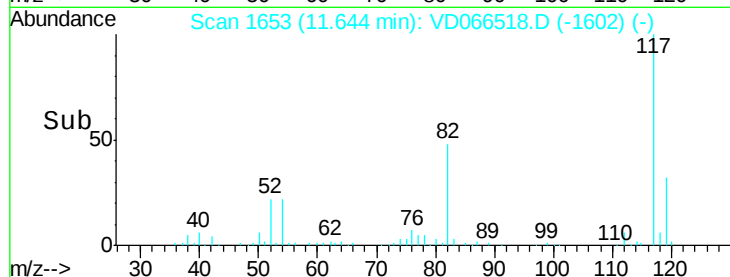
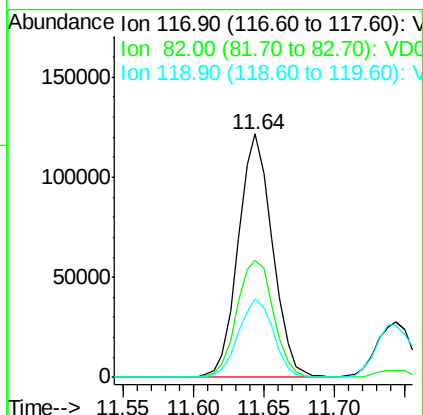
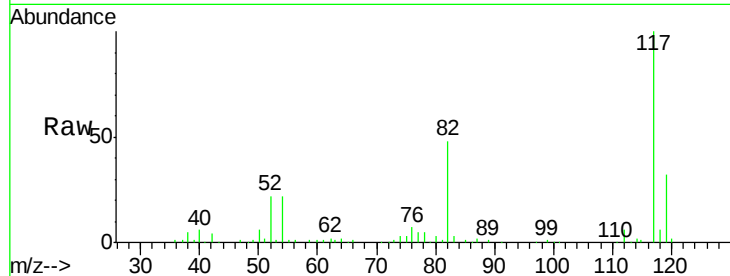
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.1	38.5	57.7
119	32.4	25.9	38.9

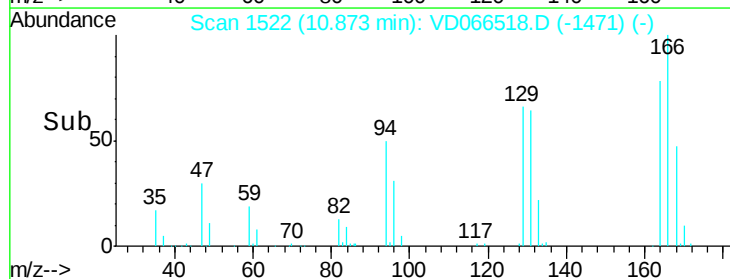
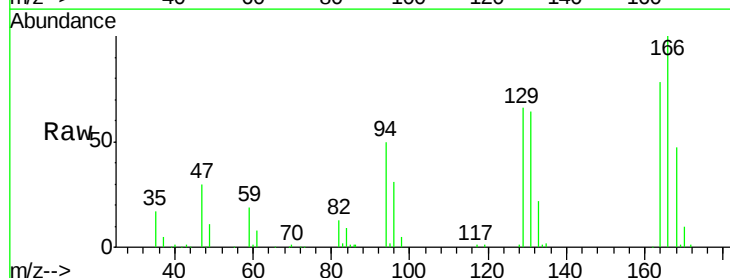
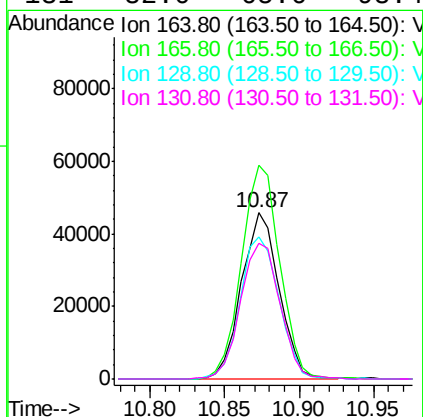
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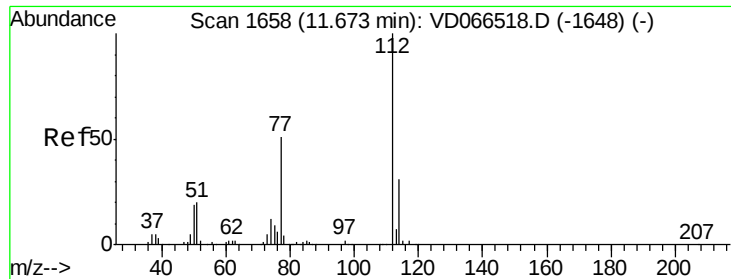
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#64
Tetrachloroethene
Concen: 49.870 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	103.0	154.6
129	85.4	68.3	102.5
131	82.0	65.6	98.4





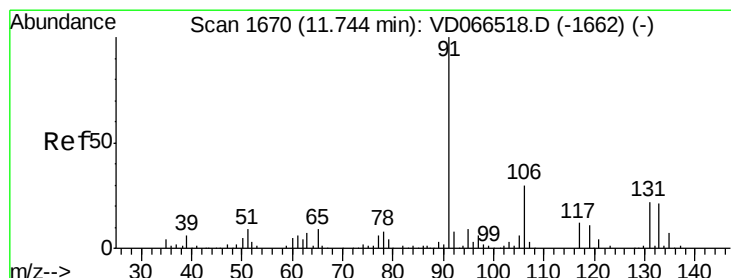
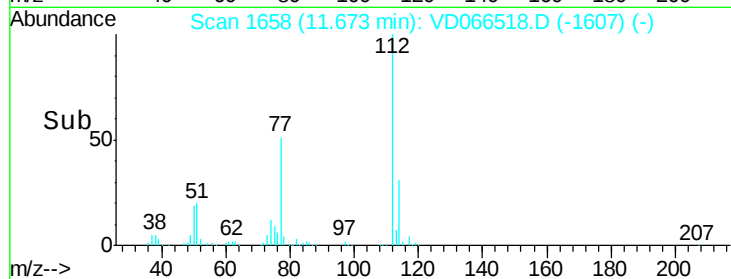
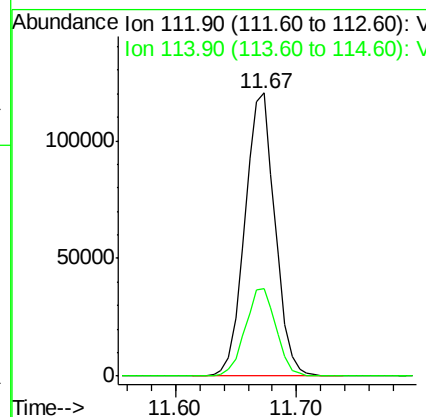
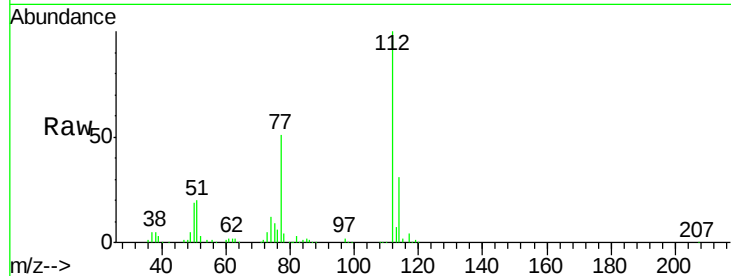
#65
Chlorobenzene
Concen: 51.566 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.8	37.2

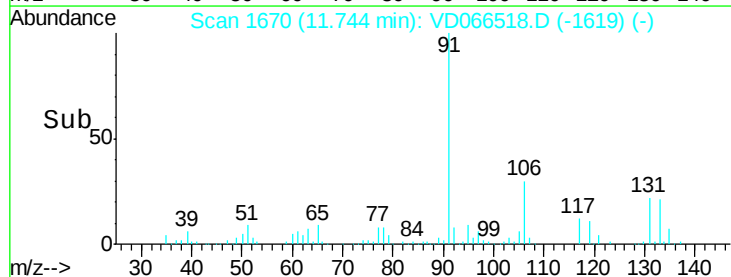
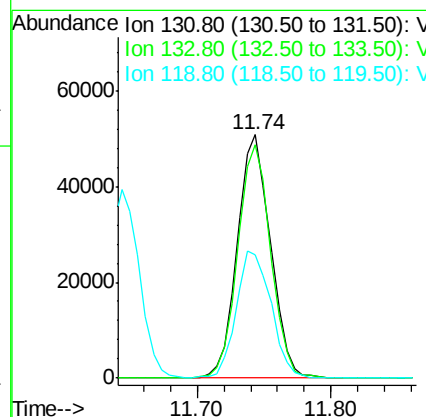
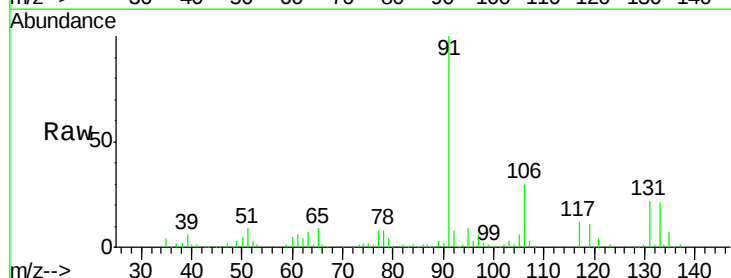
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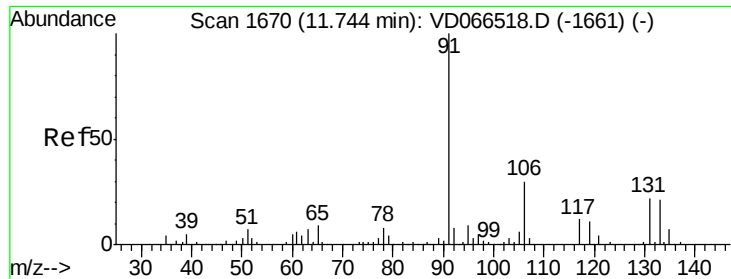
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.171 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.5	142.5
119	54.4	27.2	81.6





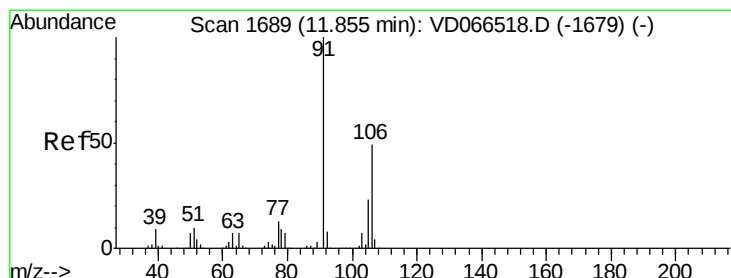
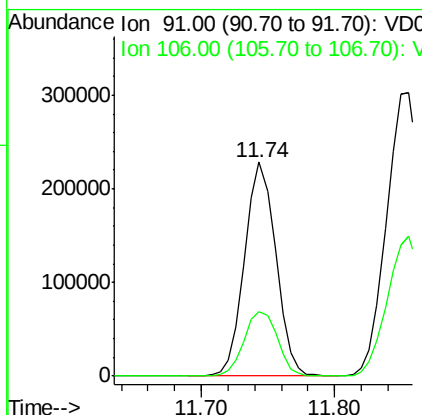
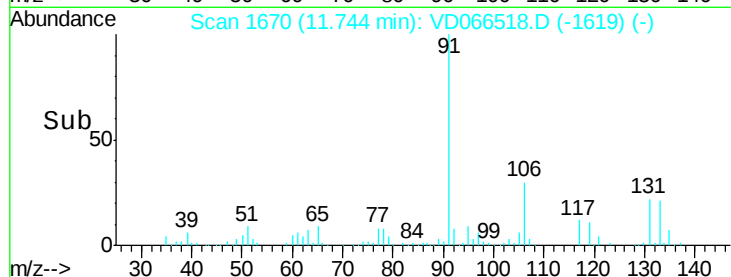
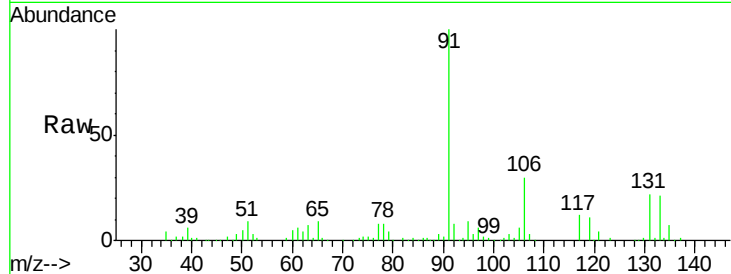
#67
Ethyl Benzene
Concen: 51.933 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 371098
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

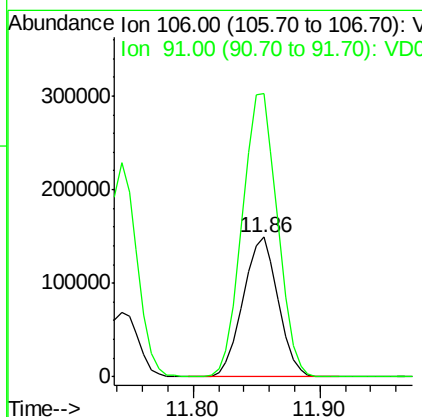
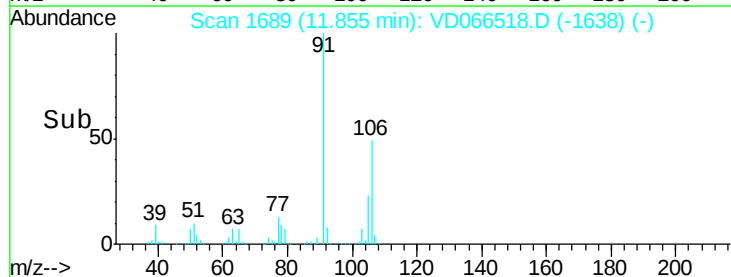
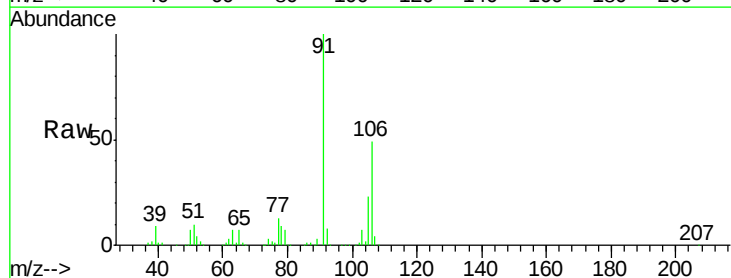
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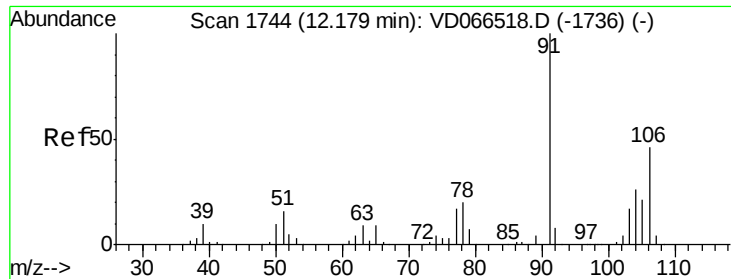
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#68
m/p-Xylenes
Concen: 103.576 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion: 106 Resp: 286362
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9





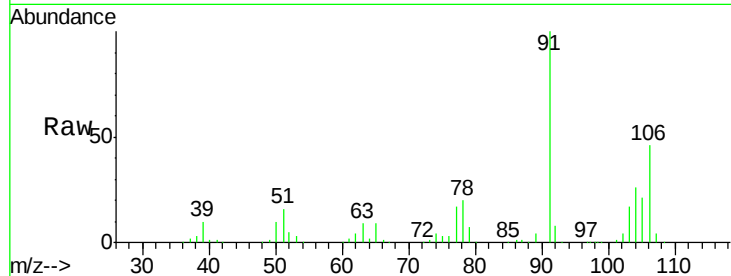
#69
o-Xylene
Concen: 50.590 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

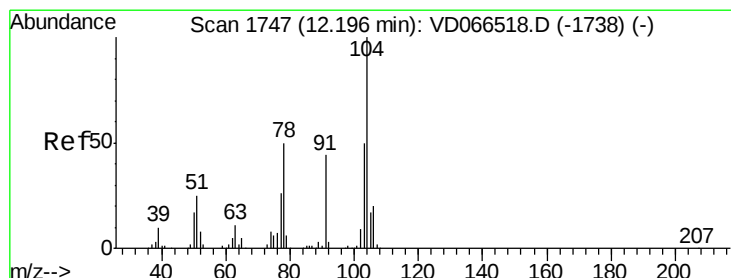
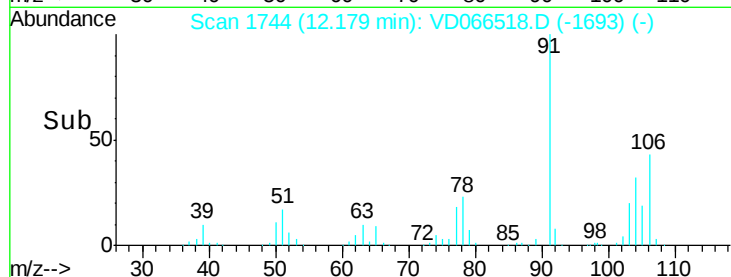
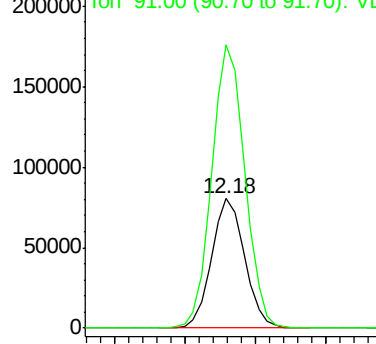
Tot Ion:106 Resp: 132490
Ion Ratio Lower Upper
106 100
91 217.5 108.7 326.3

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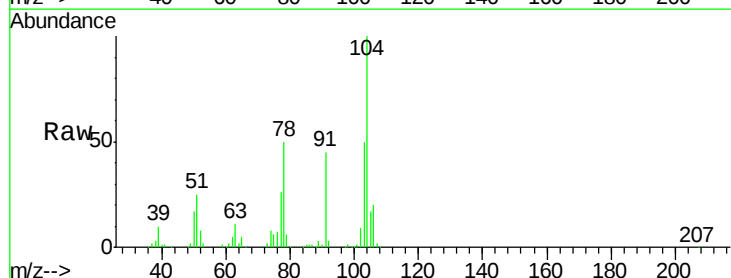


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

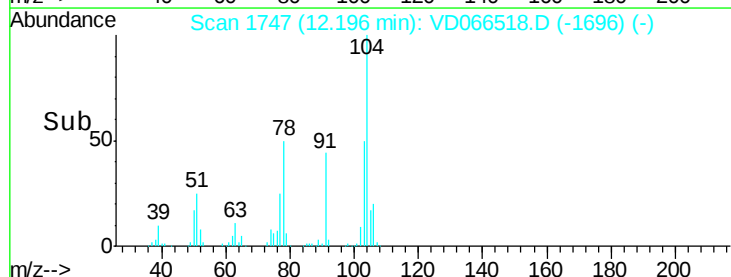
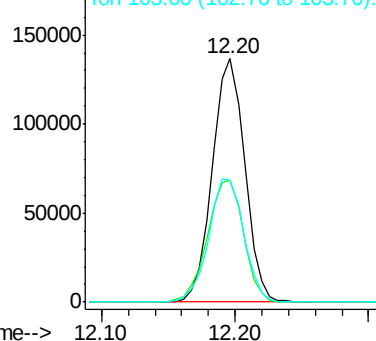


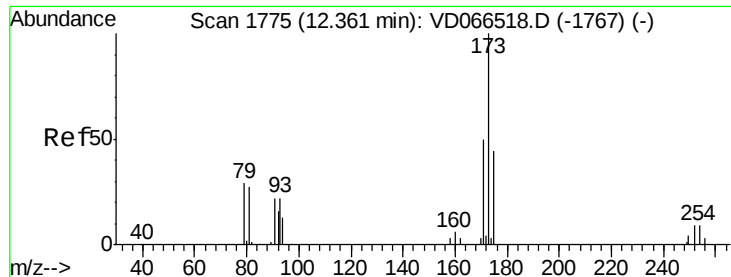
#70
Styrene
Concen: 51.150 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion:104 Resp: 229340
Ion Ratio Lower Upper
104 100
78 55.4 44.3 66.5
103 55.1 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





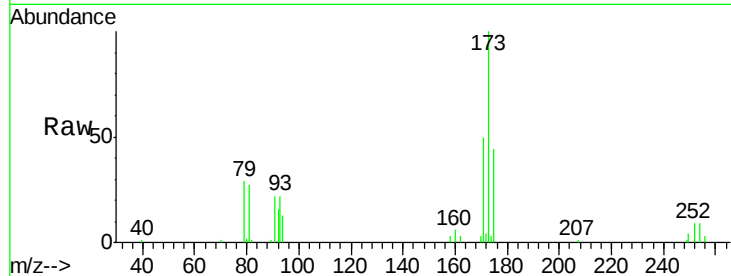
#71
Bromoform
Concen: 52.479 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

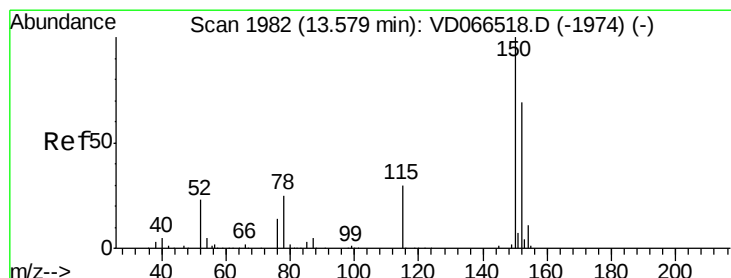
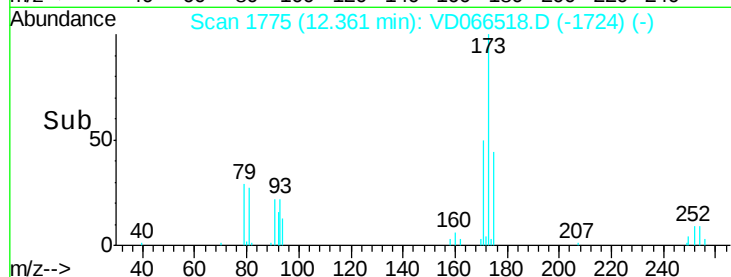
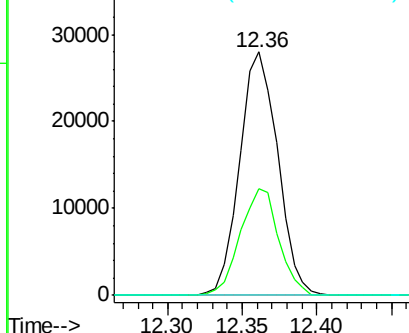
Tot Ion	Ratio	Lower	Upper
173	100		
175	44.5	22.3	66.8
254	0.0	0.0	0.0

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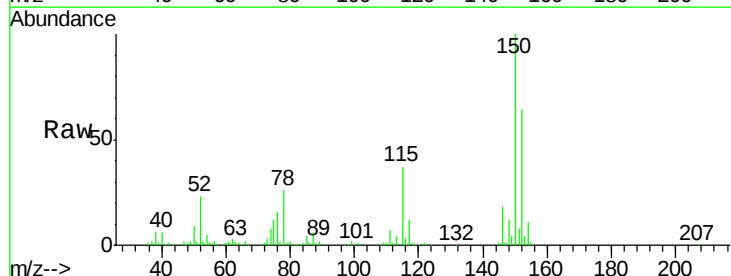


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

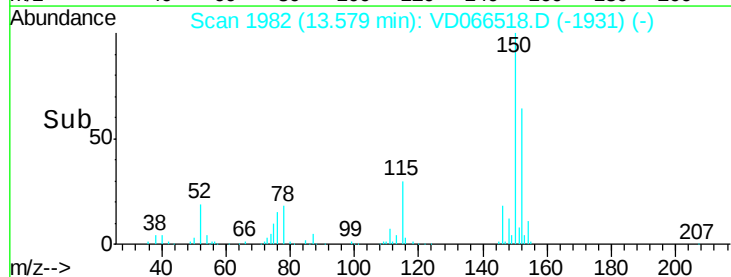
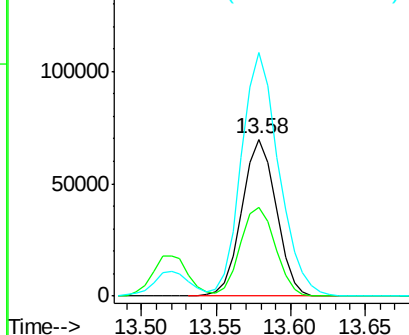


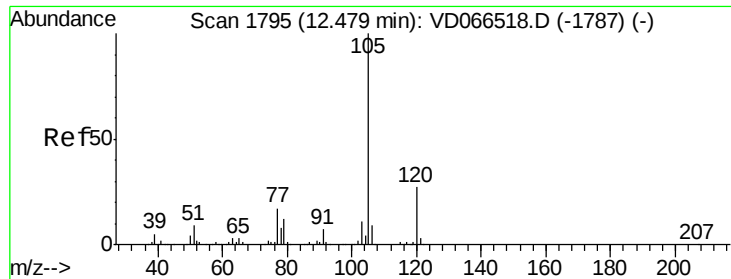
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.9	86.8
150	169.8	0.0	339.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





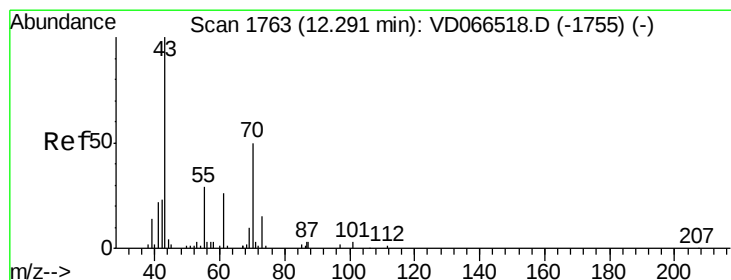
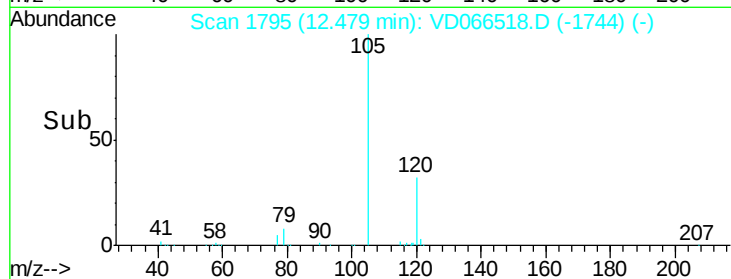
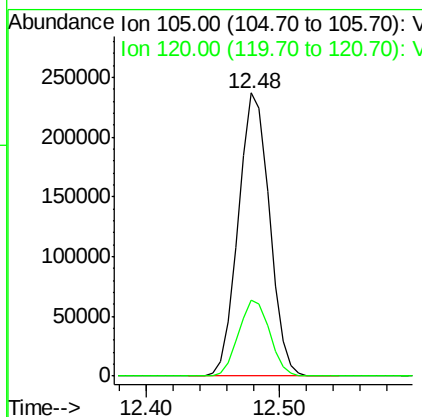
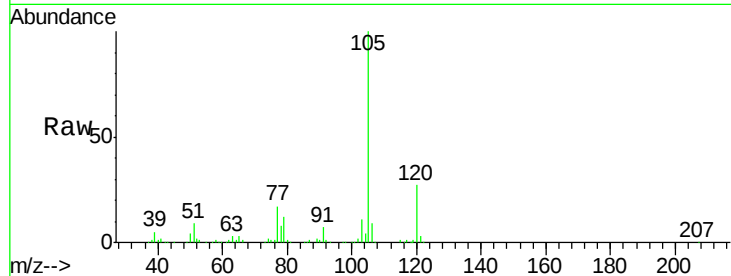
#73
Isopropylbenzene
Concen: 51.512 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.5

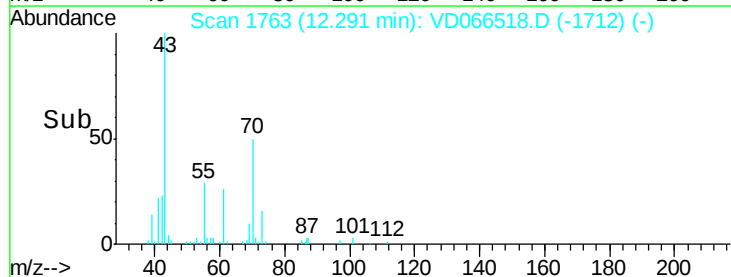
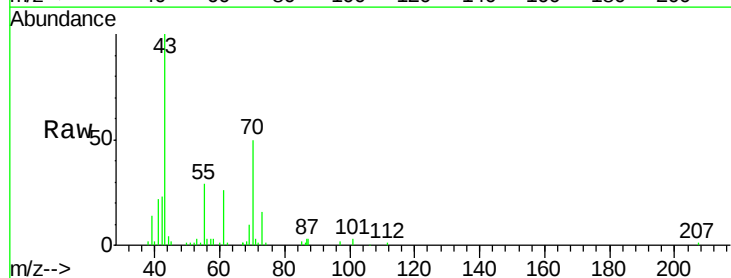
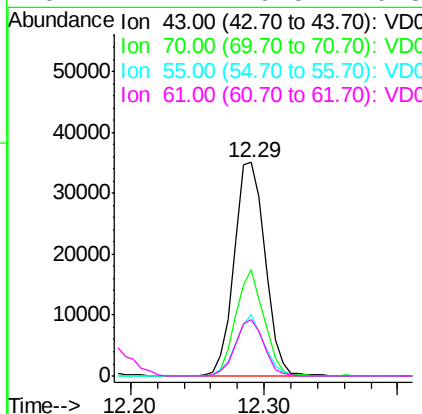
Manual Integrations
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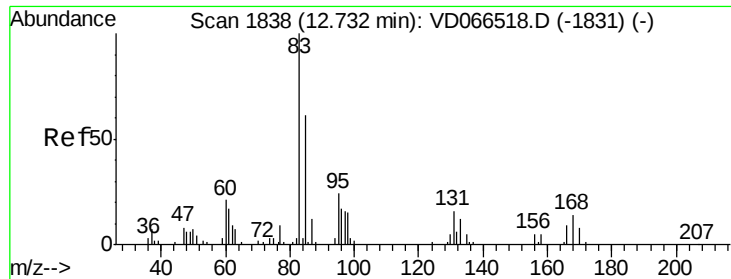
MMDadoda
9/3/2020 4:57:16 PM



#74
N-ethyl acetate
Concen: 50.423 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.2	36.2	54.2
55	25.7	20.6	30.8
61	24.4	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.319 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

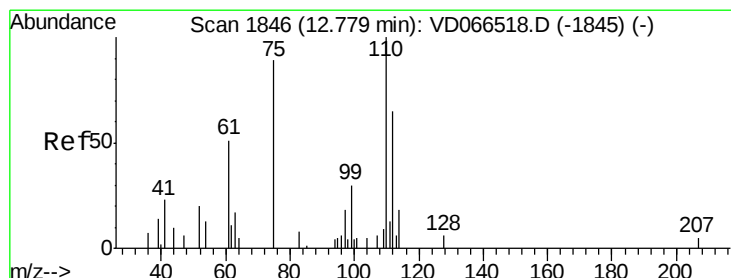
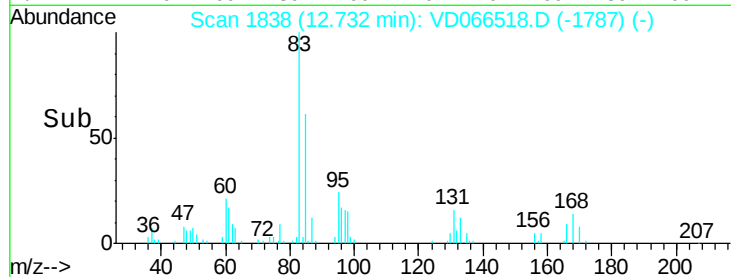
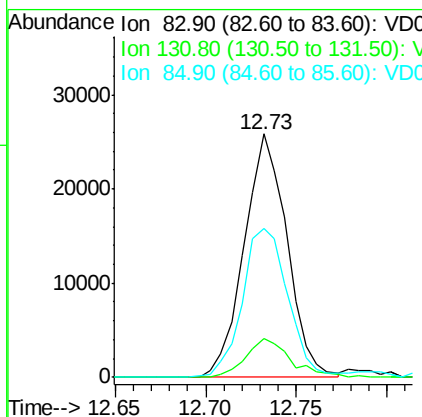
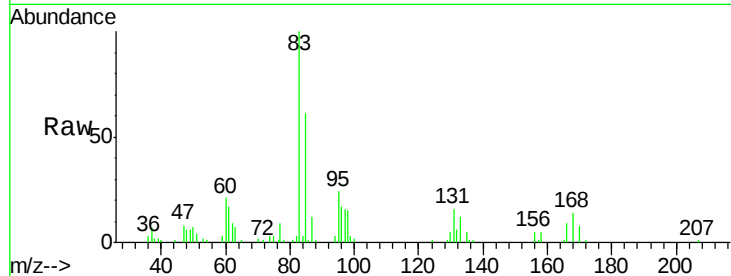
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	42490
Ion	Ratio	Lower	Upper
83	100		
131	16.6	8.3	24.9
85	65.1	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.336 ug/l m

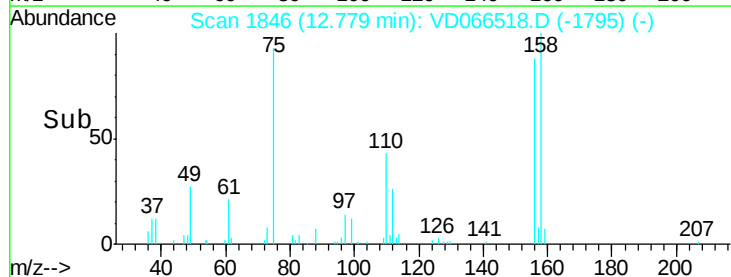
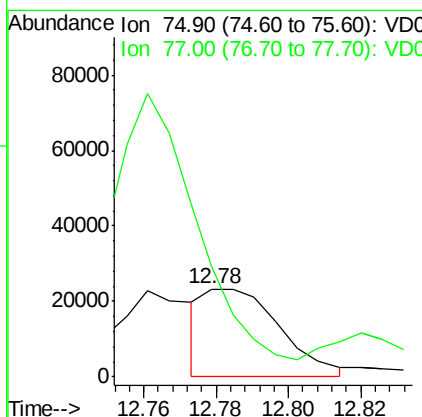
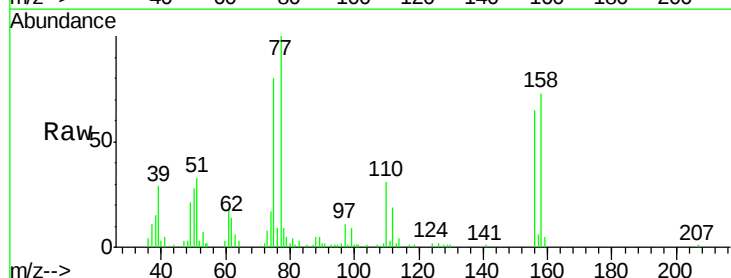
RT: 12.78 min Scan# 1846

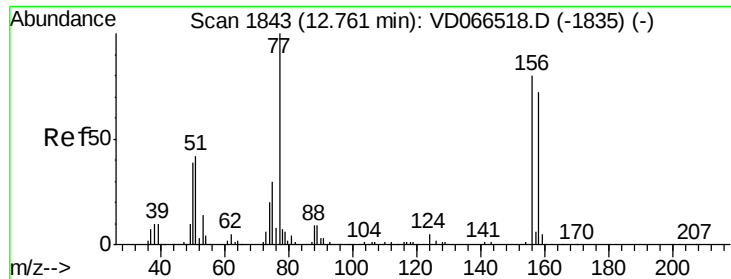
Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Tgt Ion:	75	Resp:	34000
Ion	Ratio	Lower	Upper
75	100		
77	393.8	196.9	590.7





#77

Bromobenzene

Concen: 49.894 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

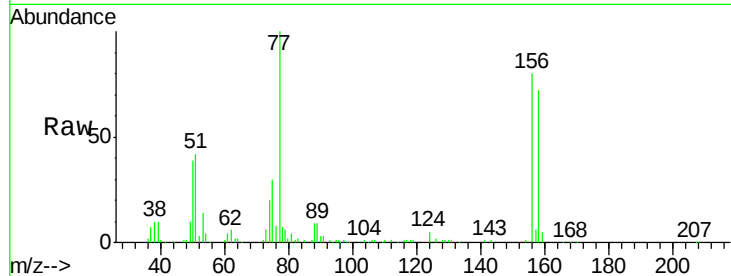
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	142.1	71.0	213.2	
158	99.1	49.5	148.7	

Manual Integrations
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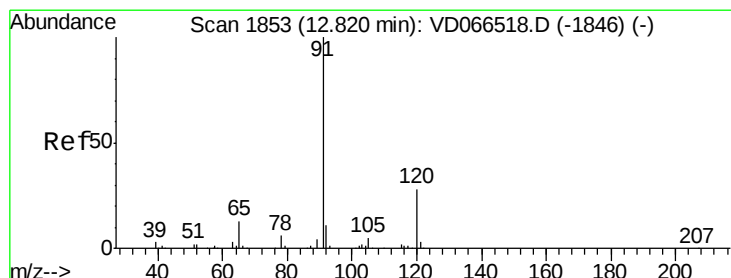
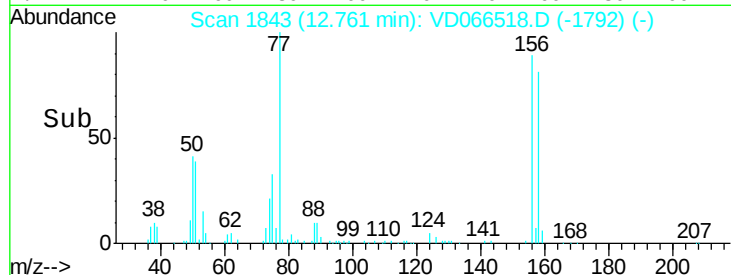
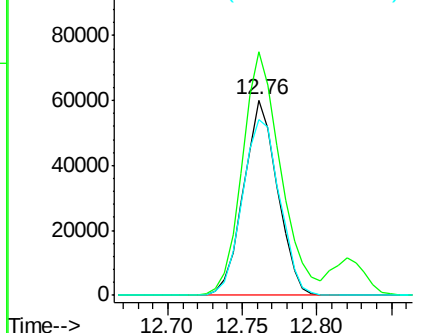
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.005 ug/l

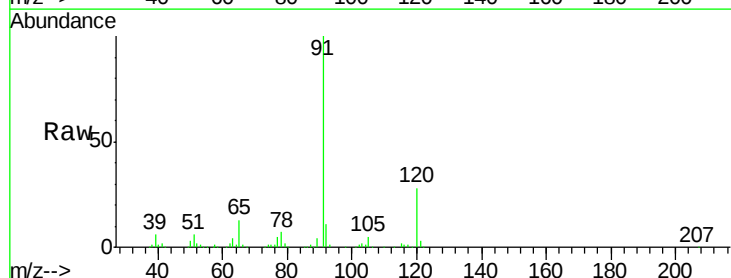
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066518.D

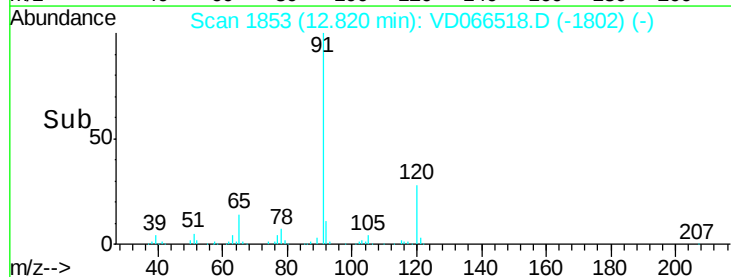
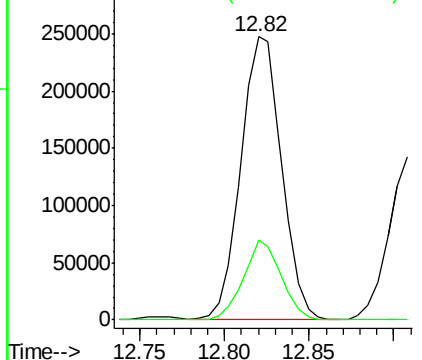
Acq: 02 Sep 2020 12:43

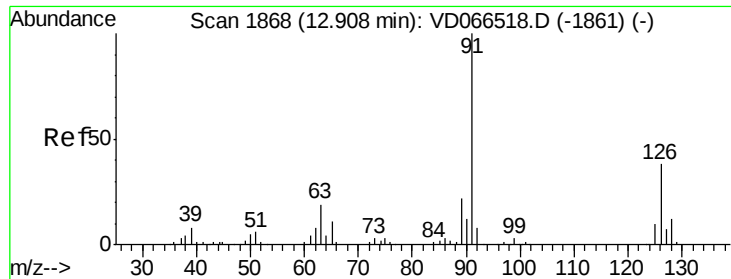
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	26.0	13.0	39.0	



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.778 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 238252

Ion Ratio Lower Upper

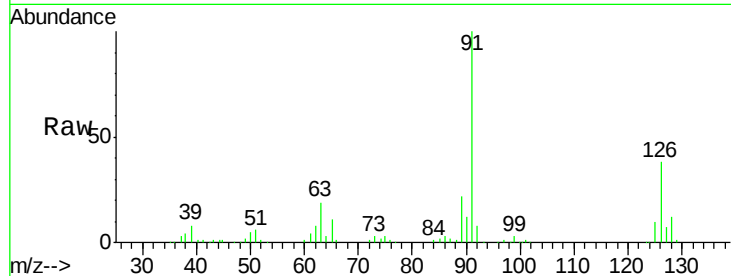
91 100

126 37.4 18.7 56.1

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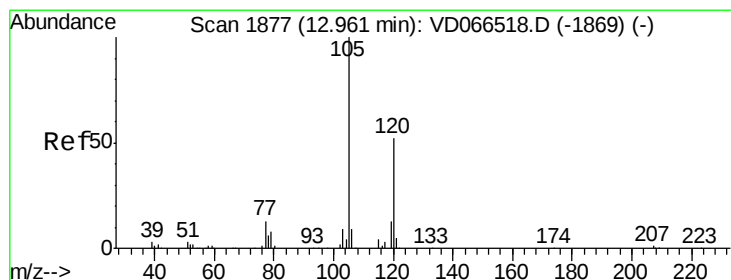
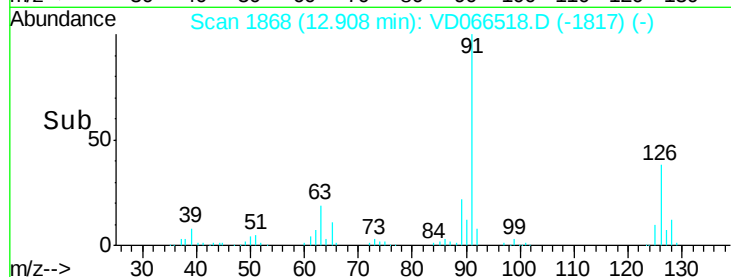
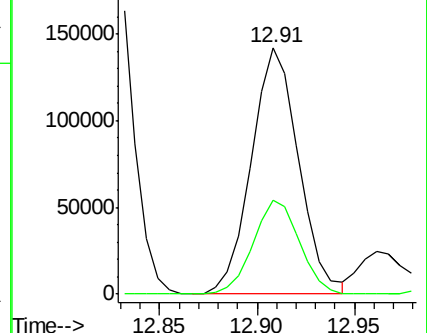
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.731 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066518.D

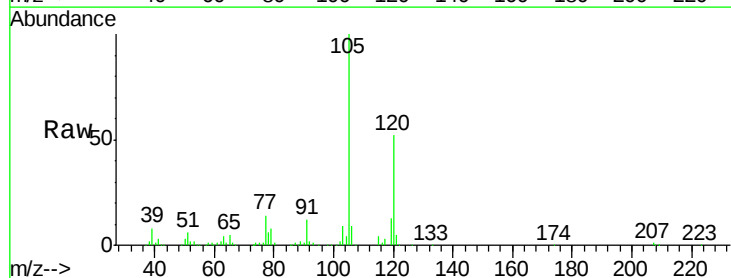
Acq: 02 Sep 2020 12:43

Tgt Ion: 105 Resp: 328223

Ion Ratio Lower Upper

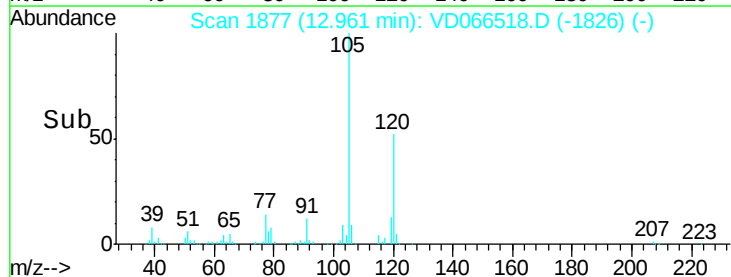
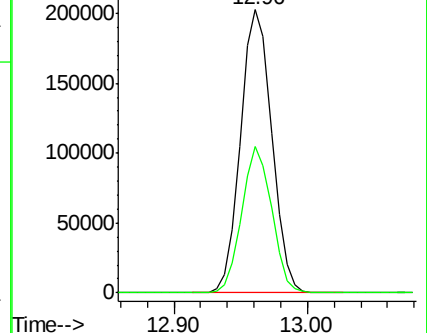
105 100

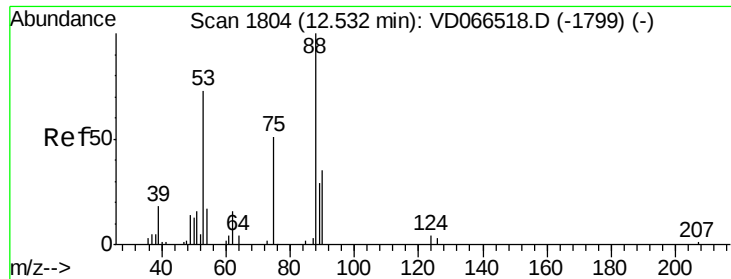
120 49.6 24.8 74.4



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: 50.324 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 15832

Ion Ratio Lower Upper

75 100

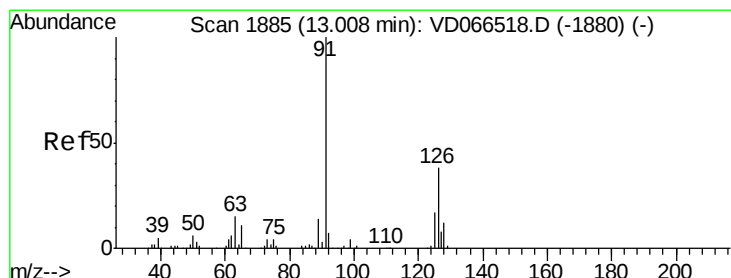
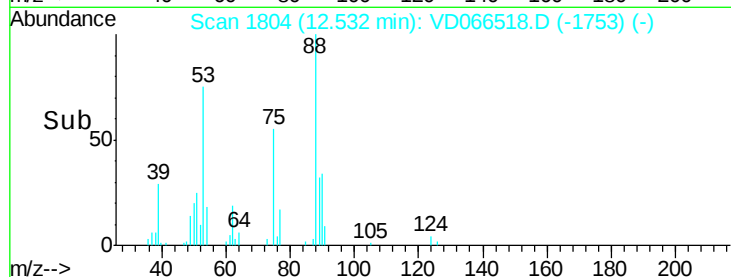
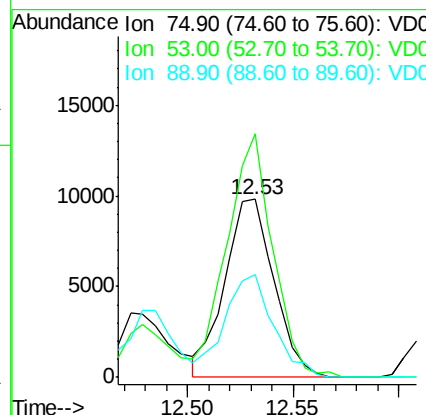
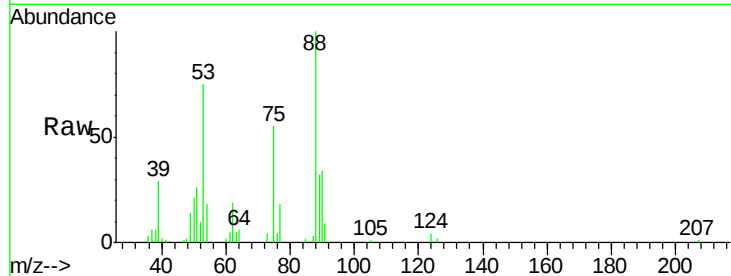
53 127.3 101.8 152.8

89 57.5 46.0 69.0

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#82

4-Chlorotoluene

Concen: 50.313 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066518.D

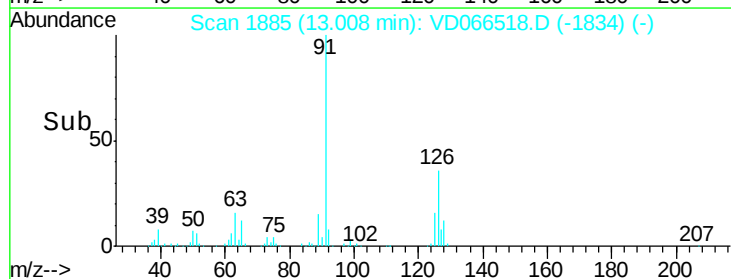
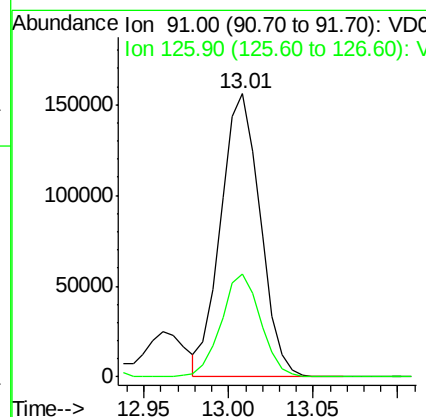
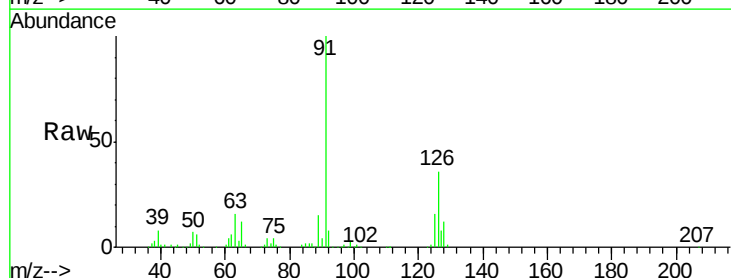
Acq: 02 Sep 2020 12:43

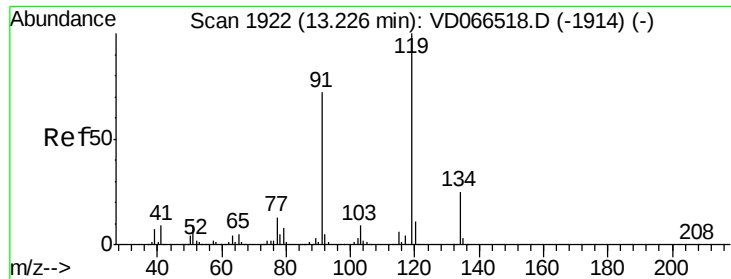
Tgt Ion: 91 Resp: 253564

Ion Ratio Lower Upper

91 100

126 36.4 18.2 54.6





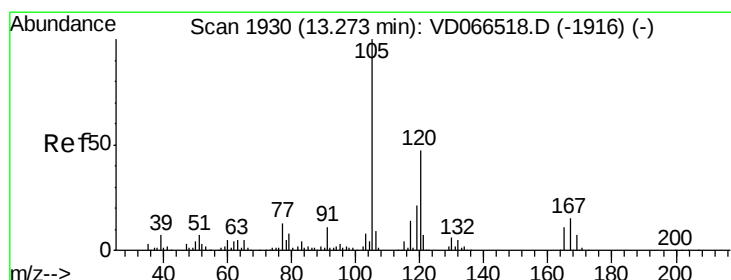
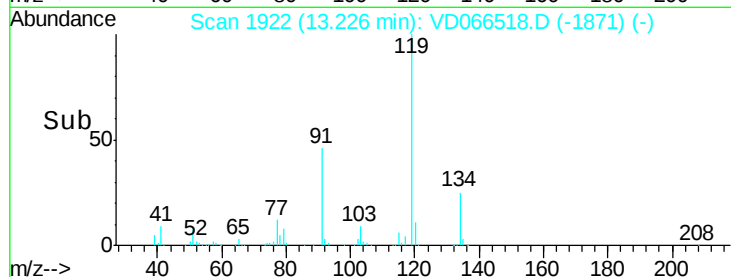
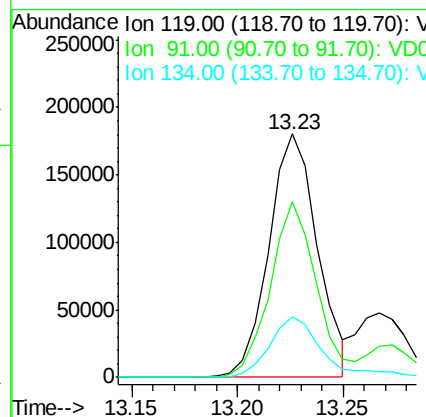
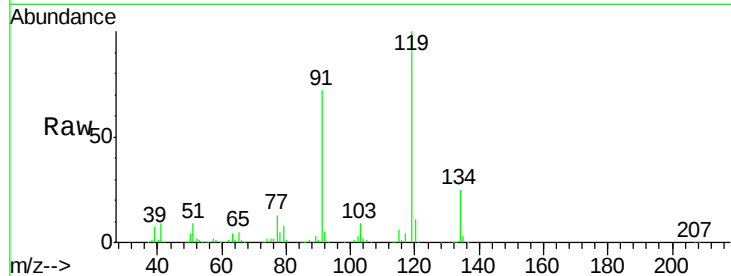
#83
tert-Butylbenzene
Concen: 50.827 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	288433		
91	68.8		34.4	103.2
134	26.9		13.5	40.4

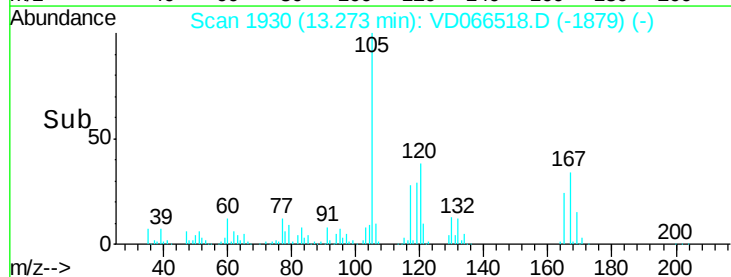
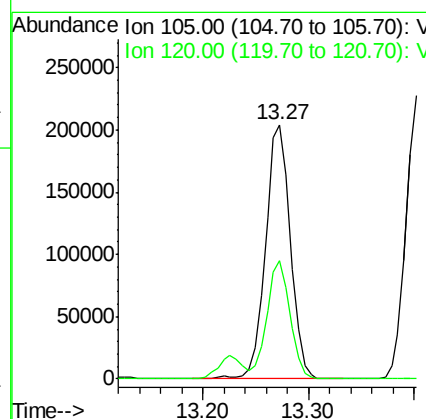
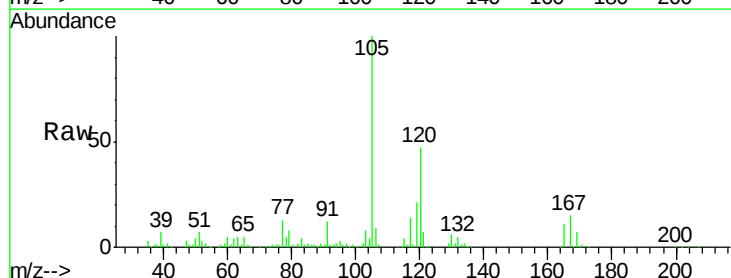
Manual Integrations
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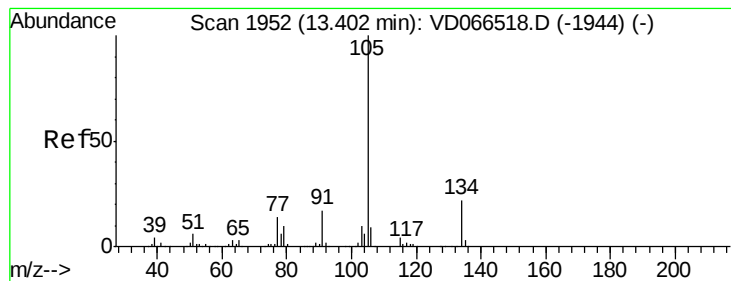
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#84
1,2,4-Trimethylbenzene
Concen: 51.476 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	333095		
120	43.4		21.7	65.1





#85

sec-Butylbenzene

Concen: 50.244 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 361210

Ion Ratio Lower Upper

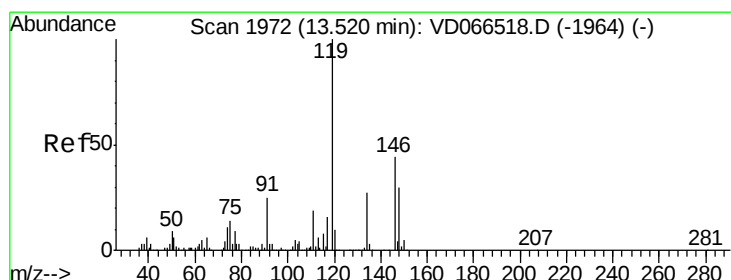
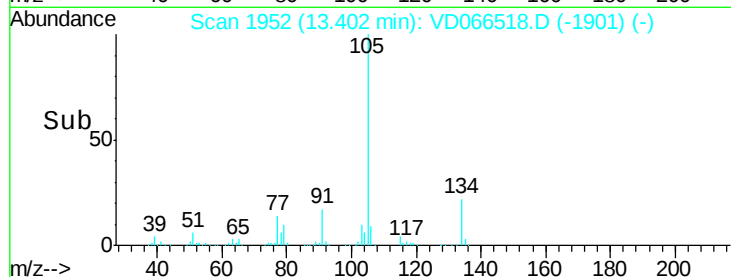
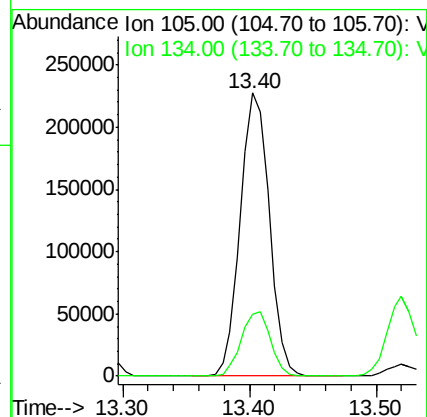
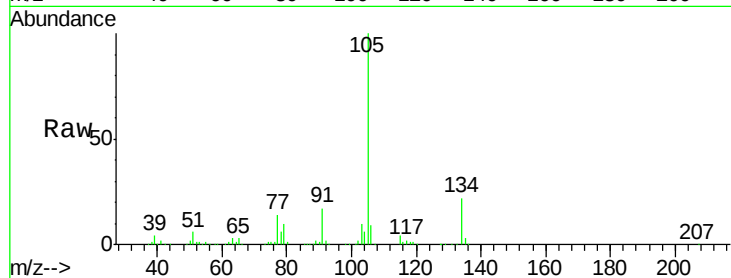
105 100

134 22.9 11.5 34.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 50.435 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066518.D

Acq: 02 Sep 2020 12:43

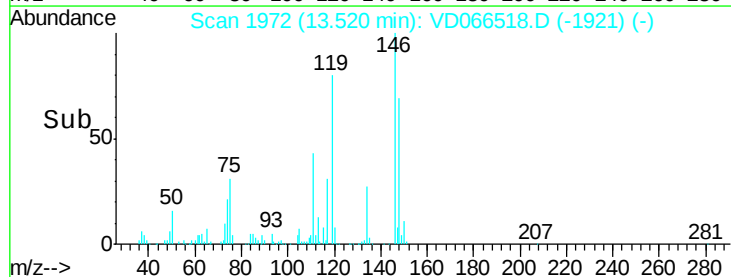
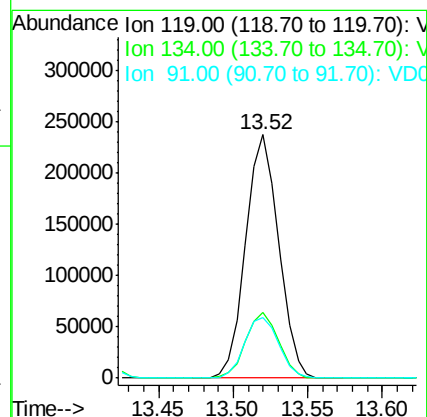
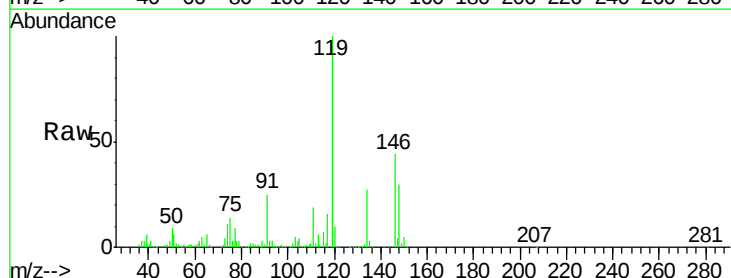
Tgt Ion:119 Resp: 362403

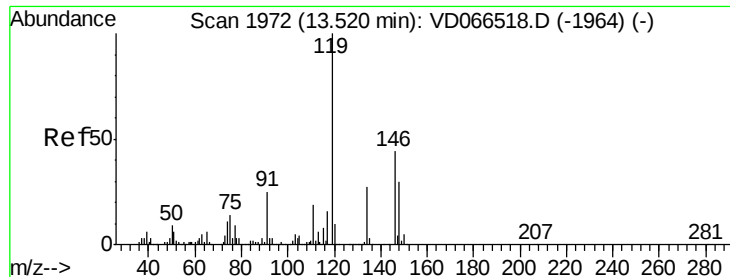
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 26.0 13.0 39.0





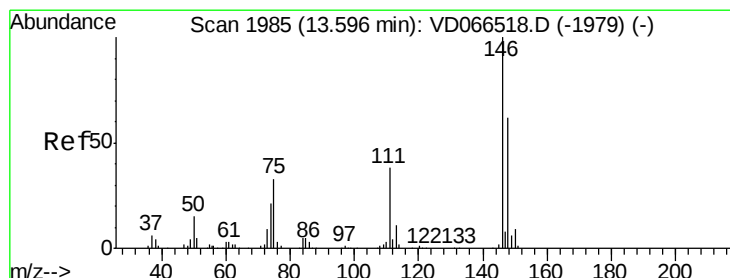
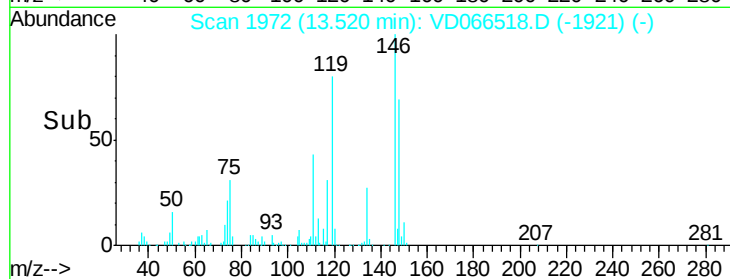
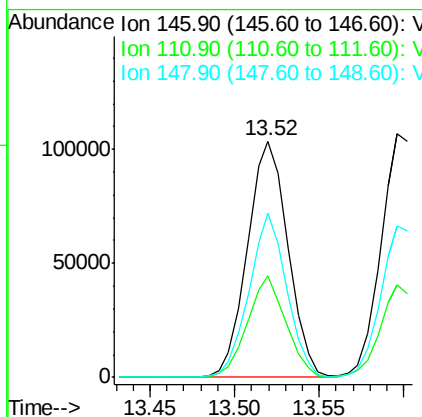
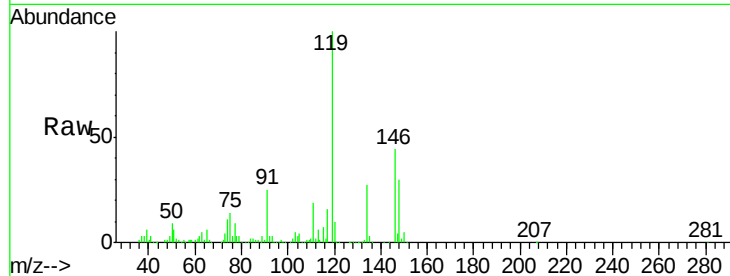
#87
 1,3-Dichlorobenzene
 Concen: 49.166 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	172201		
111	40.7	20.3	61.0	
148	64.6	32.3	96.9	

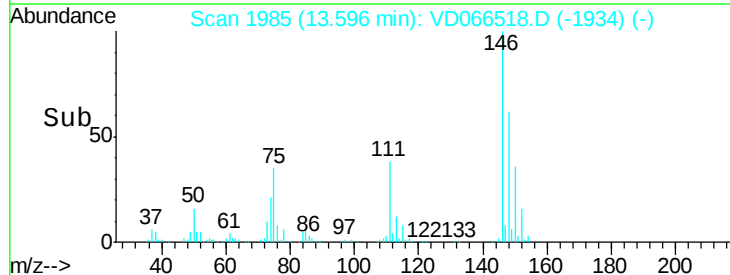
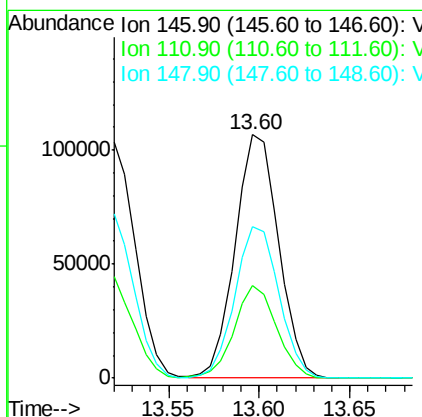
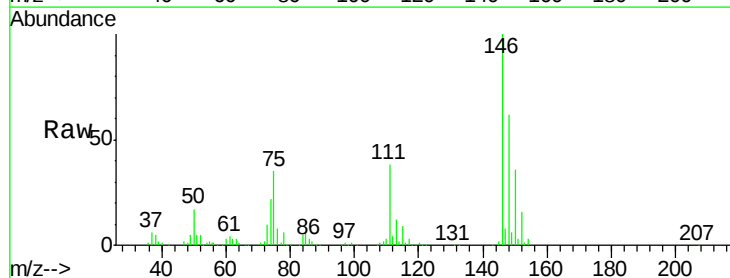
Manual Integrations
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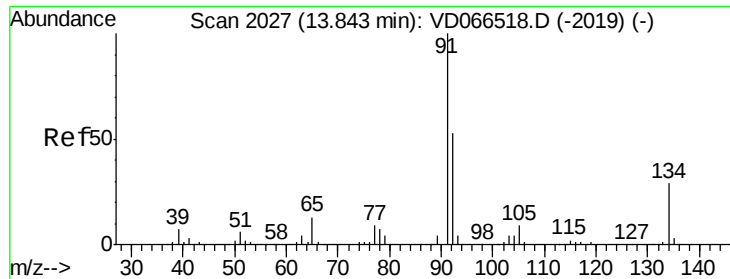
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#88
 1,4-Dichlorobenzene
 Concen: 50.421 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	178652		
111	36.9	18.4	55.4	
148	63.0	31.5	94.5	





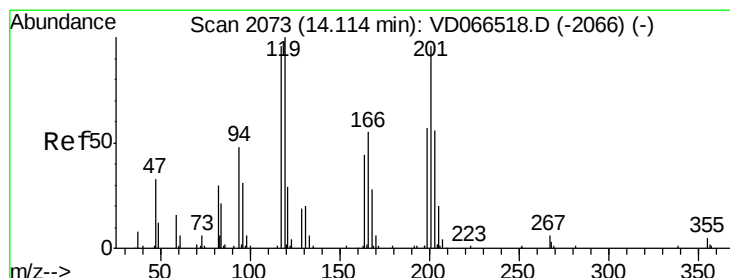
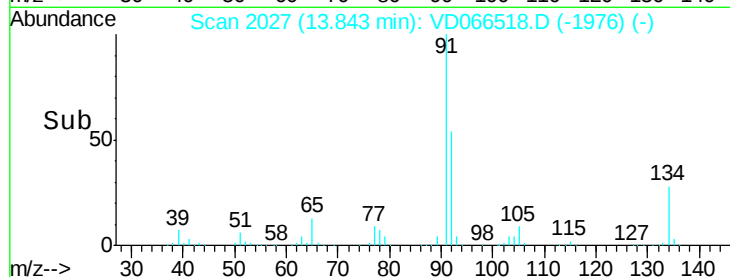
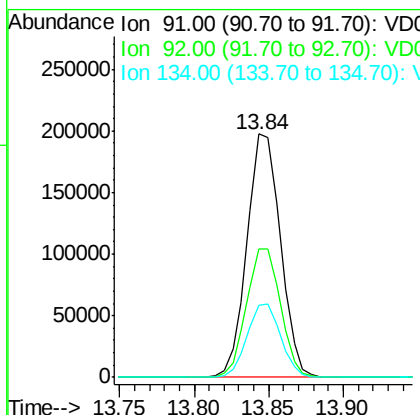
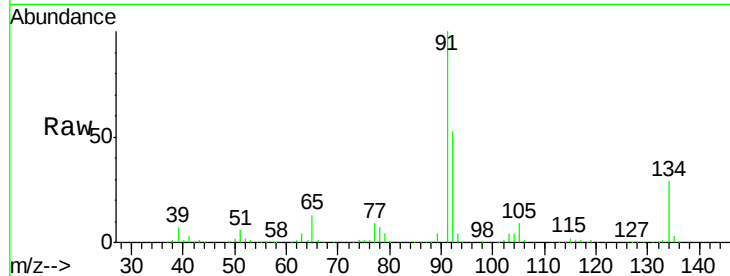
#89
n-Butylbenzene
Concen: 50.882 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.7
134	30.1	15.0	45.1

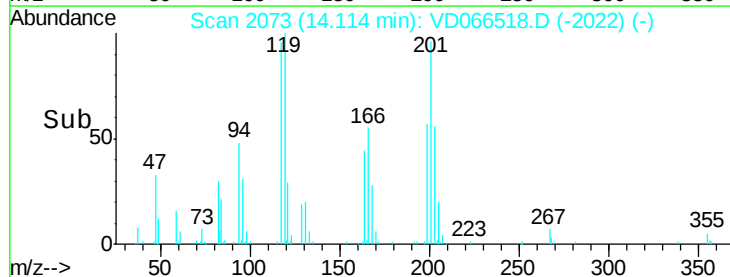
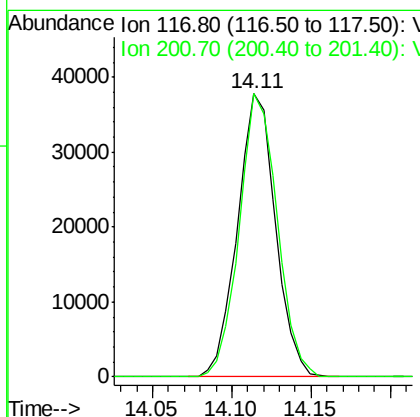
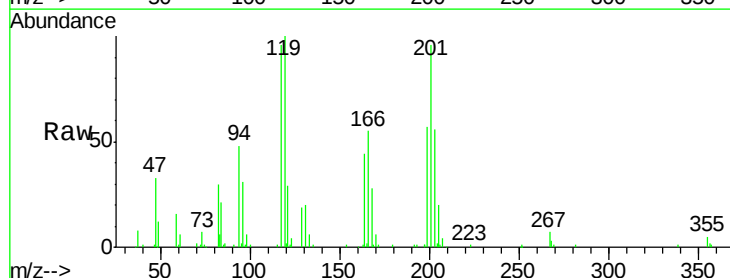
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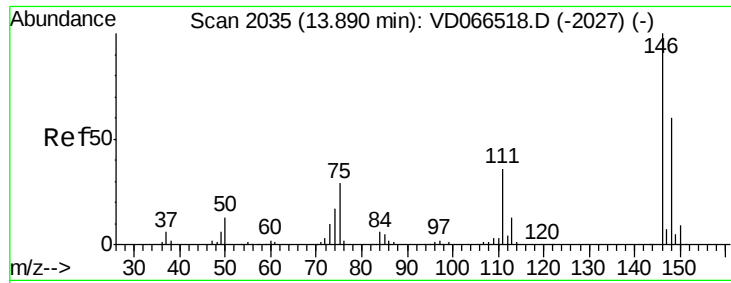
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#90
Hexachloroethane
Concen: 48.695 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.0	50.0	150.0





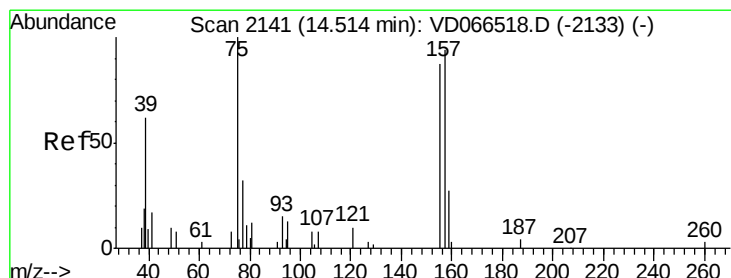
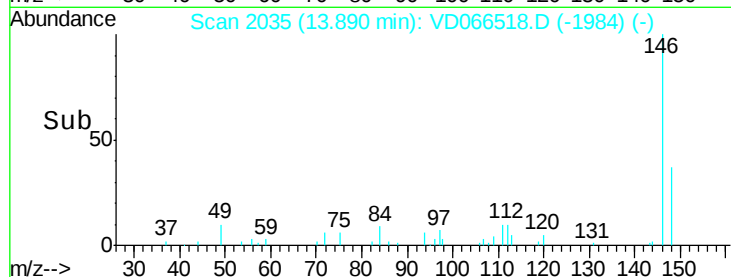
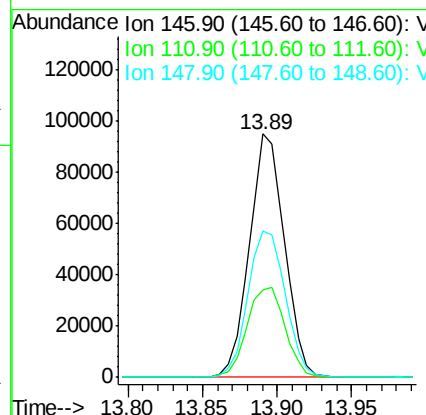
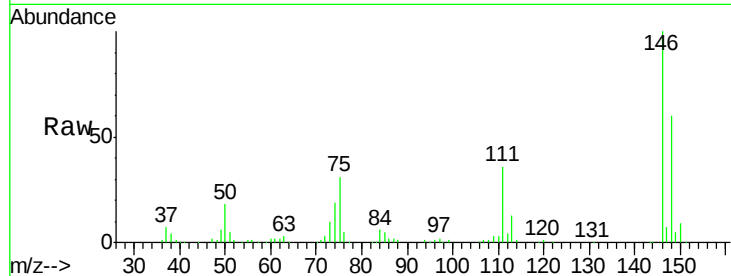
#91
 1,2-Dichlorobenzene
 Concen: 50.370 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.6	32.3	96.9

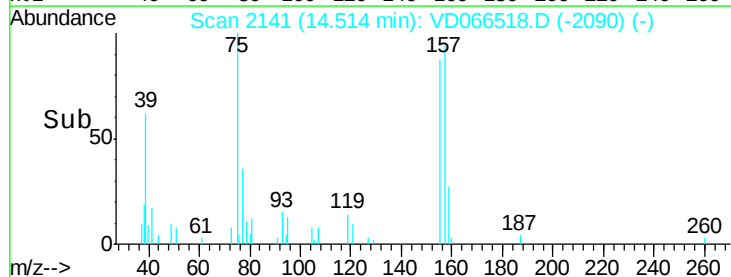
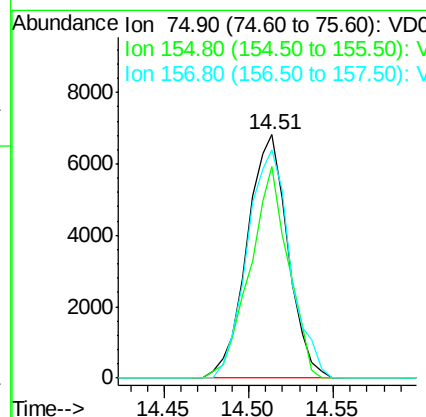
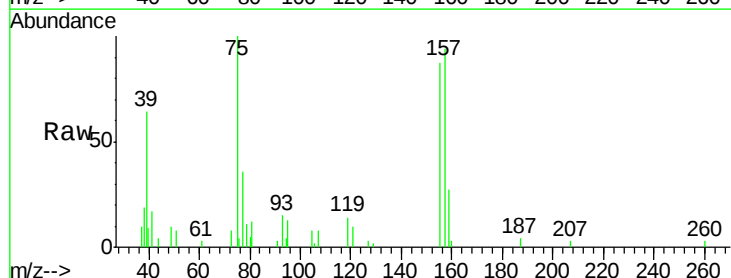
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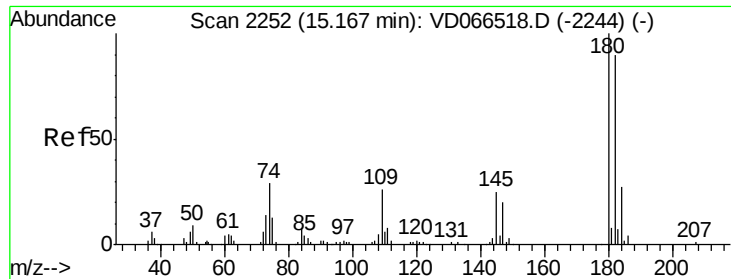
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.342 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	40.8	122.5
157	98.5	49.3	147.8





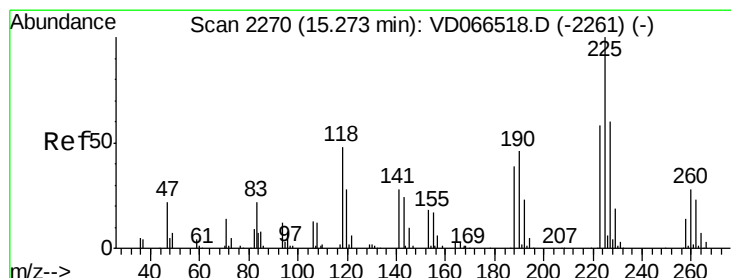
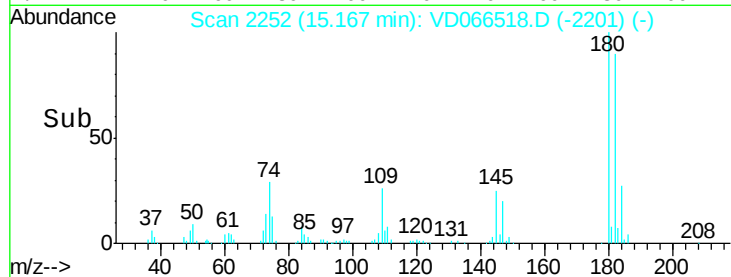
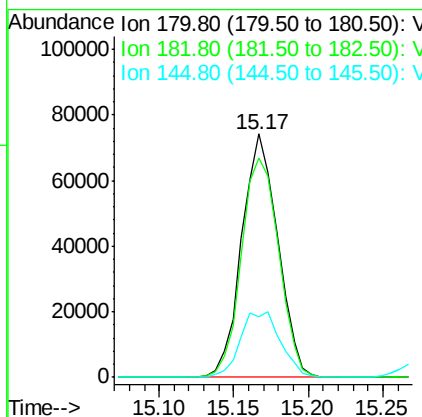
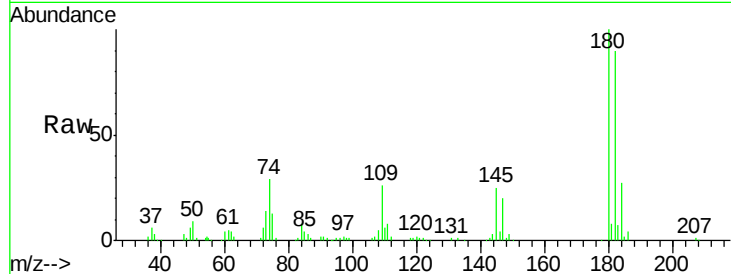
#93
 1,2,4-Trichlorobenzene
 Concen: 51.487 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.6
145	30.1	15.0	45.1

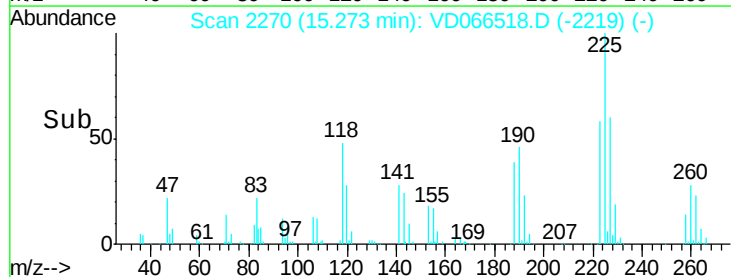
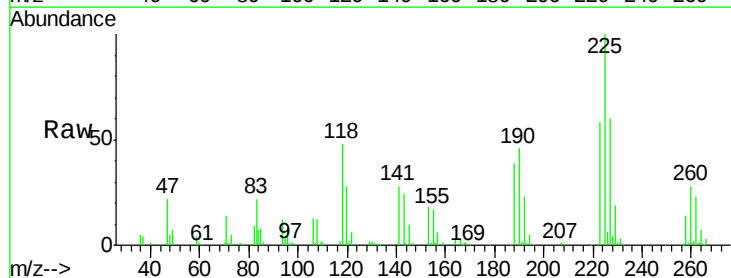
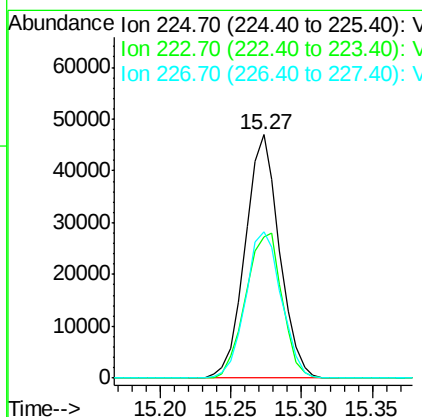
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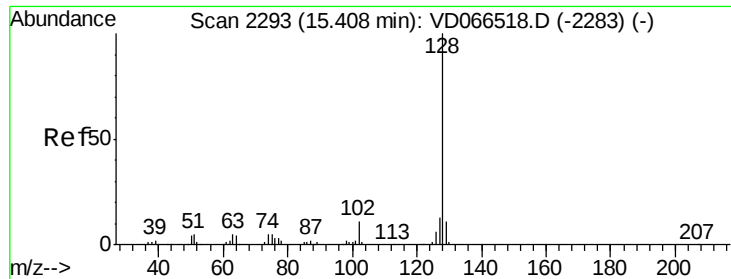
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#94
 Hexachlorobutadiene
 Concen: 51.296 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066518.D
 Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.6	94.7
227	62.9	31.4	94.3





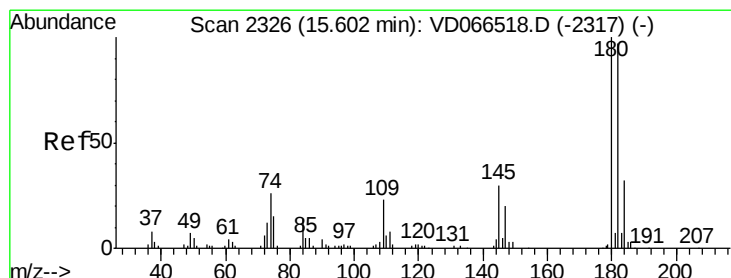
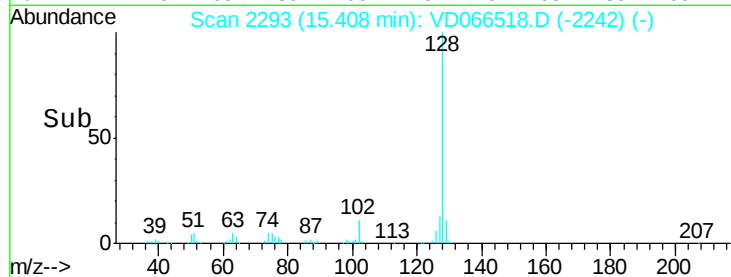
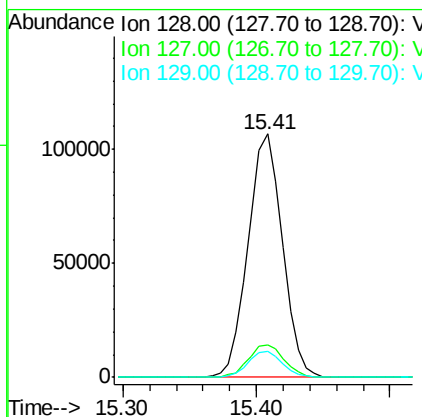
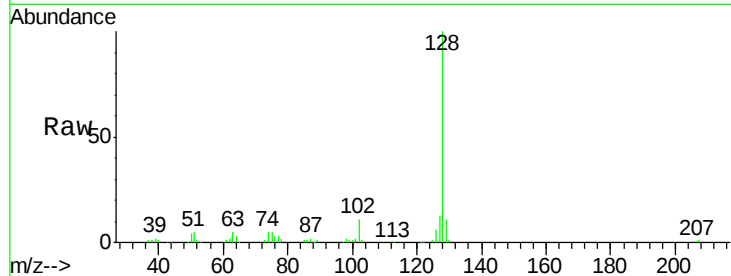
#95
Naphthalene
Concen: 50.728 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	11.1	16.7
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.470 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066518.D
Acq: 02 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.5
145	32.4	16.2	48.6

