

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066696.D
 Acq On : 15 Sep 2020 13:55
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:44:16 AM

Quant Time: Sep 15 16:28:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:17:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	400488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	674854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	603885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274135	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	42496	9.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.90%	
35) Dibromofluoromethane	7.91	113	40762	9.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.70%	
50) Toluene-d8	10.34	98	135931	9.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.44%	
62) 4-Bromofluorobenzene	12.63	95	50887	10.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	40091	11.976	ug/l	95
3) Chloromethane	2.21	50	50394	11.563	ug/l	94
4) Vinyl Chloride	2.35	62	52731	11.561	ug/l	99
5) Bromomethane	2.77	94	38194	11.804	ug/l	94
6) Chloroethane	2.93	64	32316	11.373	ug/l #	83
7) Trichlorofluoromethane	3.27	101	88193	11.195	ug/l	97
8) Diethyl Ether	3.71	74	20845	10.566	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.10	101	48743	11.258	ug/l	98
10) Methyl Iodide	4.30	142	39676	9.658	ug/l #	97
11) Tert butyl alcohol	5.21	59	24438m	56.687	ug/l	
12) 1,1-Dichloroethene	4.06	96	44839	11.189	ug/l	95
13) Acrolein	3.92	56	16140	53.557	ug/l	97
14) Allyl chloride	4.71	41	68907	10.707	ug/l	98
15) Acrylonitrile	5.42	53	46219	53.482	ug/l	99
16) Acetone	4.16	43	48971	56.279	ug/l	99
17) Carbon Disulfide	4.41	76	142128	11.287	ug/l	96
18) Methyl Acetate	4.71	43	20782	9.894	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	91640	10.267	ug/l	93
20) Methylene Chloride	4.97	84	70169	11.906	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	50470	10.810	ug/l	92
22) Diisopropyl ether	6.36	45	138929	10.624	ug/l #	97
23) Vinyl Acetate	6.31	43	372364	51.192	ug/l	98
24) 1,1-Dichloroethane	6.26	63	89570	10.794	ug/l	94
25) 2-Butanone	7.21	43	60827	53.684	ug/l	97
26) 2,2-Dichloropropane	7.21	77	81398	10.608	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	53707	10.515	ug/l	95
28) Bromochloromethane	7.54	49	34200	11.034	ug/l	98
29) Tetrahydrofuran	7.56	42	35593	51.343	ug/l	99
30) Chloroform	7.71	83	96881	10.970	ug/l	96
31) Cyclohexane	7.98	56	83904	11.116	ug/l #	83
32) 1,1,1-Trichloroethane	7.90	97	87110	10.779	ug/l	99
36) 1,1-Dichloropropene	8.11	75	72788	10.491	ug/l	99
37) Ethyl Acetate	7.29	43	29036	11.054	ug/l #	92
38) Carbon Tetrachloride	8.10	117	76703	10.410	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	81774	10.304	ug/l	92
40) Benzene	8.35	78	196715	10.480	ug/l	96
41) Methacrylonitrile	7.52	41	13533	10.641	ug/l #	62
42) 1,2-Dichloroethane	8.43	62	61809	10.628	ug/l	99
43) Isopropyl Acetate	8.44	43	50734	10.262	ug/l	100
44) Trichloroethene	9.11	130	53353	10.630	ug/l	94
45) 1,2-Dichloropropane	9.38	63	48676	10.489	ug/l	91
46) Dibromomethane	9.47	93	25844	10.135	ug/l	94
47) Bromodichloromethane	9.66	83	72594	10.447	ug/l #	99
48) Methyl methacrylate	9.45	41	26215	10.424	ug/l	96
49) 1,4-Dioxane	9.47	88	5559	203.508	ug/l #	80
51) 4-Methyl-2-Pentanone	10.23	43	132694	52.131	ug/l	96
52) Toluene	10.40	92	121764	10.126	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	61476	9.904	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	73119	9.917	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	35103	10.441	ug/l	95
56) Ethyl methacrylate	10.66	69	36752	9.633	ug/l	95
57) 1,3-Dichloropropane	10.94	76	60478	10.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	93491	55.793	ug/l	99
59) 2-Hexanone	10.98	43	84317	49.300	ug/l	98
60) Dibromochloromethane	11.14	129	44910	10.251	ug/l	95
61) 1,2-Dibromoethane	11.24	107	33937	10.523	ug/l	99
64) Tetrachloroethene	10.87	164	44958	10.906	ug/l	95
65) Chlorobenzene	11.67	112	130059	10.402	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	46340	10.045	ug/l	99
67) Ethyl Benzene	11.74	91	226109	9.984	ug/l	96
68) m/p-Xylenes	11.86	106	171511	20.038	ug/l	99
69) o-Xylene	12.18	106	74144	9.802	ug/l	99
70) Styrene	12.20	104	130444	9.798	ug/l	98
71) Bromoform	12.36	173	24210	10.457	ug/l #	100
73) Isopropylbenzene	12.48	105	204005	9.969	ug/l	99
74) N-amyl acetate	12.29	43	43657	10.113	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	37286	10.722	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	24058m	10.369	ug/l	
77) Bromobenzene	12.76	156	48857	10.358	ug/l	92
78) n-propylbenzene	12.82	91	251380	10.077	ug/l	99
79) 2-Chlorotoluene	12.91	91	146172	10.362	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	173786	10.043	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	11858	10.906	ug/l	93
82) 4-Chlorotoluene	13.01	91	155282	10.411	ug/l	99
83) tert-Butylbenzene	13.23	119	140411	9.845	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	170345	9.851	ug/l	100
85) sec-Butylbenzene	13.40	105	207897	10.168	ug/l	98
86) p-Isopropyltoluene	13.52	119	186692	10.044	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	94305	10.421	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	95791	10.630	ug/l	97
89) n-Butylbenzene	13.84	91	176424	9.982	ug/l	97
90) Hexachloroethane	14.11	117	39771	10.415	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	81120	10.462	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5796	10.311	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	46755	9.970	ug/l	97
94) Hexachlorobutadiene	15.27	225	28692	10.155	ug/l	98
95) Naphthalene	15.40	128	76471	9.333	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	40715	9.939	ug/l	98

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

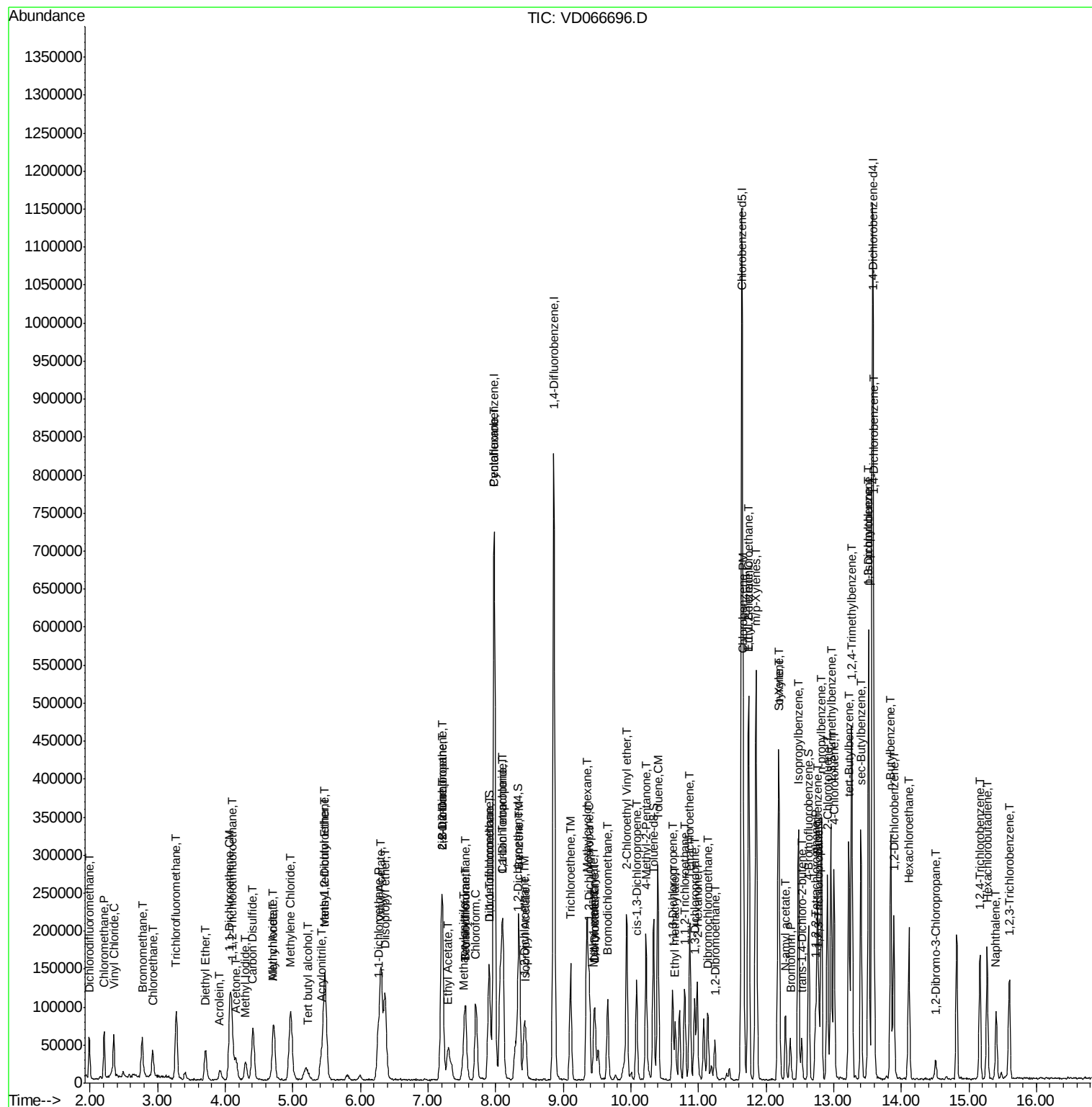
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091520\
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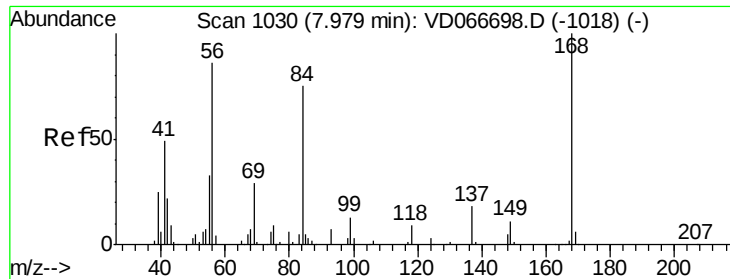
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 400488

Ion Ratio Lower Upper

168 100

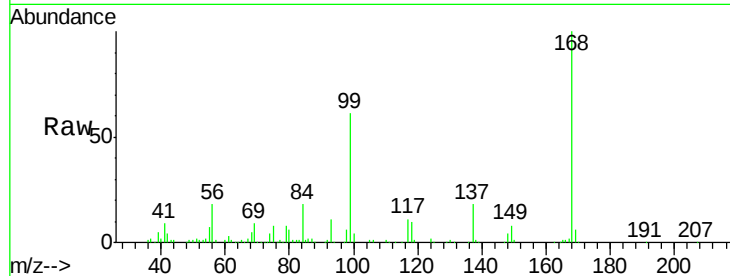
99 60.7 54.4 81.6

Manual Integrations

APPROVED

MMDadoda

9/16/2020 11:44:16 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

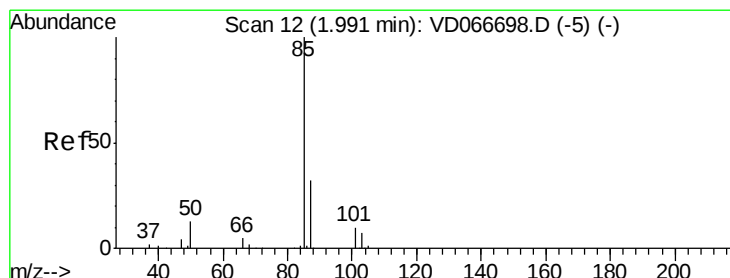
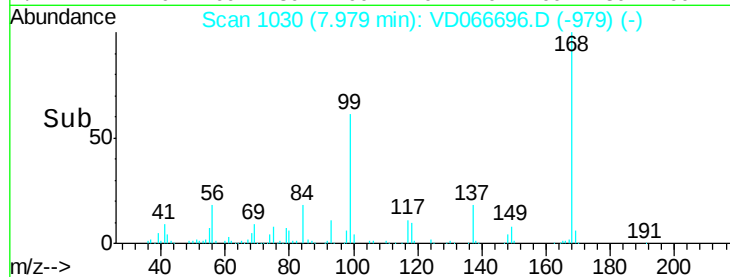
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 11.976 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD066696.D

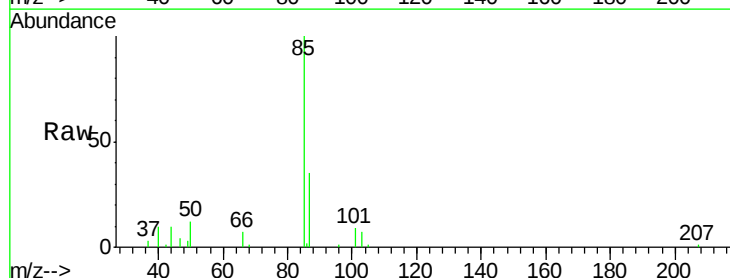
Acq: 15 Sep 2020 13:55

Tgt Ion: 85 Resp: 40091

Ion Ratio Lower Upper

85 100

87 34.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

25000

20000

15000

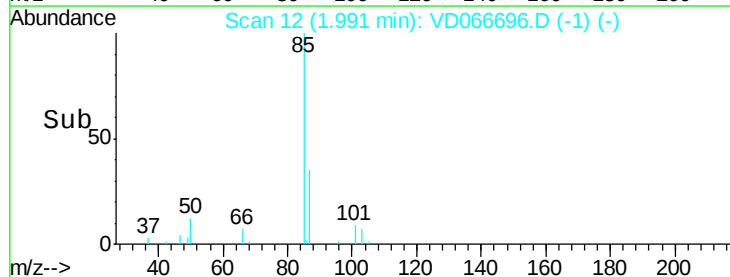
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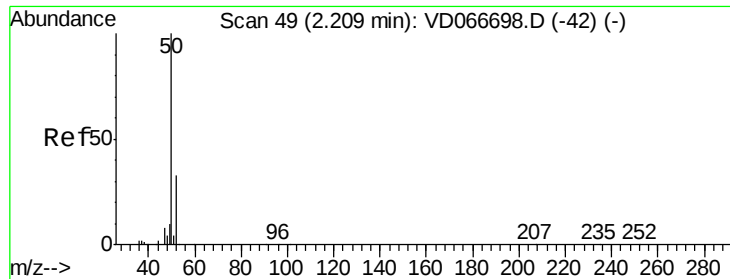
5000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 11.563 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 50394

Ion Ratio Lower Upper

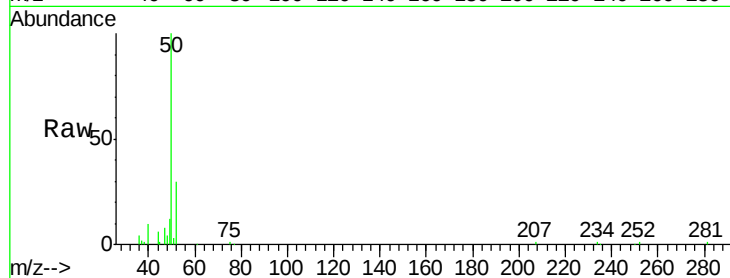
50 100

52 30.2 26.8 40.2

Manual Integrations
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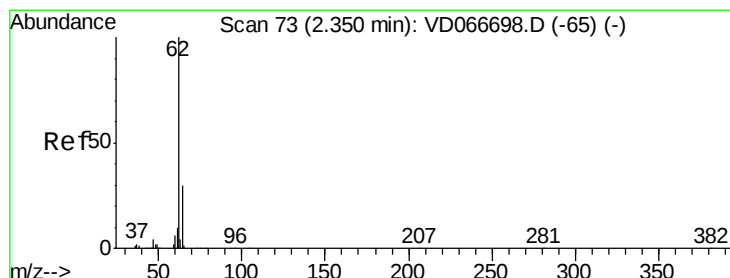
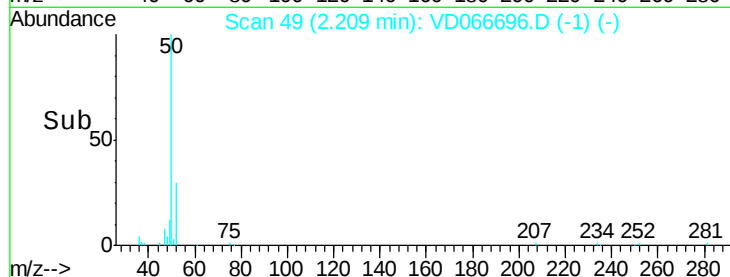
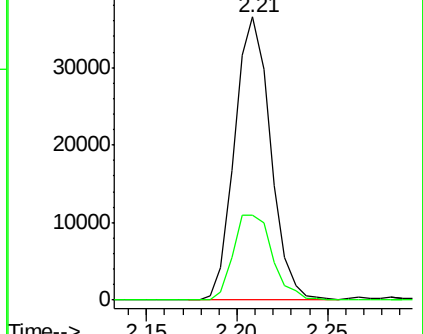
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9/16/2020 11:44:16 AM



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 11.561 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066696.D

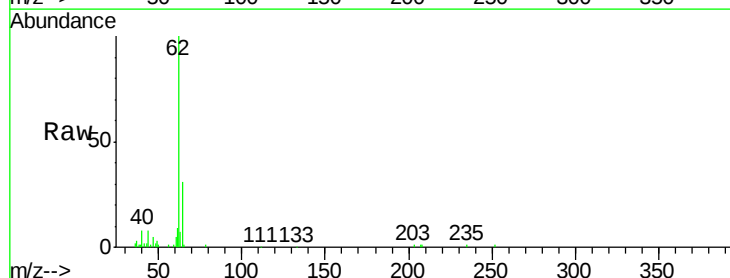
Acq: 15 Sep 2020 13:55

Tgt Ion: 62 Resp: 52731

Ion Ratio Lower Upper

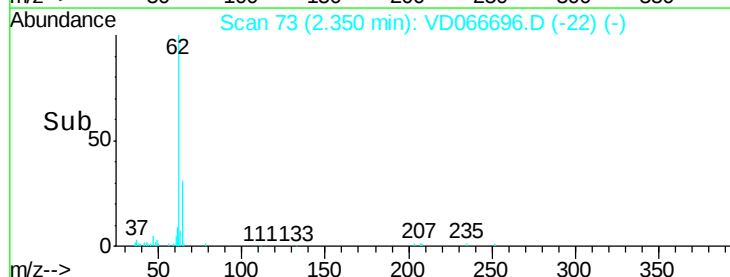
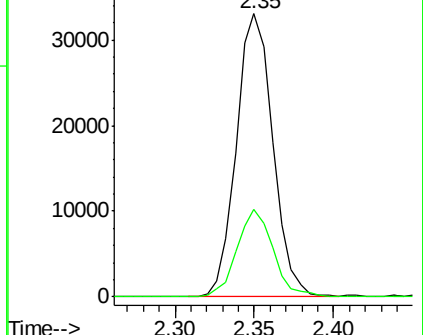
62 100

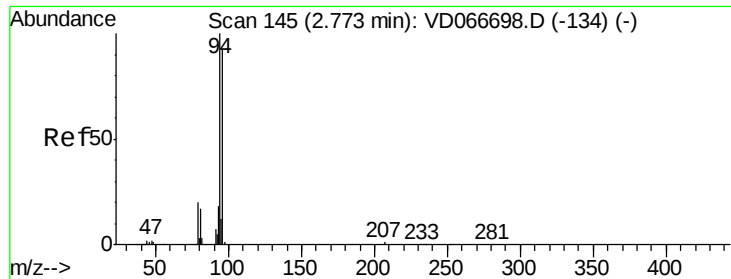
64 31.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 11.804 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 38194

Ion Ratio Lower Upper

94 100

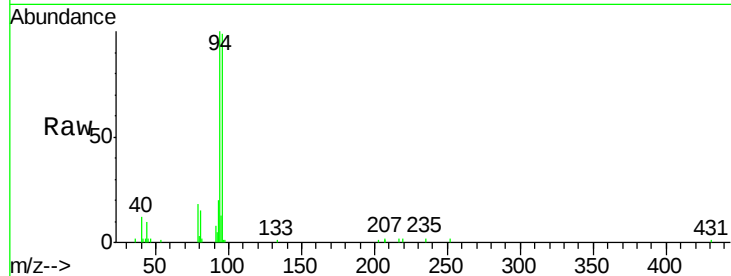
96 99.0 74.7 112.1

Manual Integrations

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9/16/2020 11:44:16 AM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

20000

15000

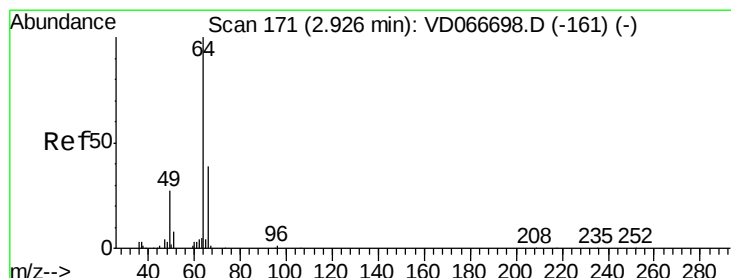
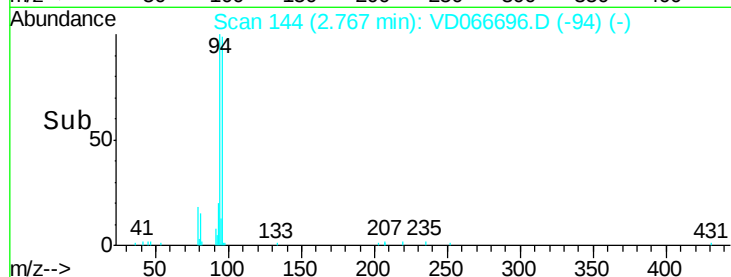
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5000

0

2.70 2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 11.373 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD066696.D

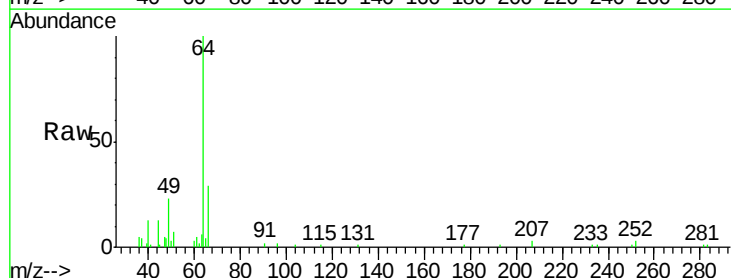
Acq: 15 Sep 2020 13:55

Tgt Ion: 64 Resp: 32316

Ion Ratio Lower Upper

64 100

66 28.5 30.9 46.3#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

20000

15000

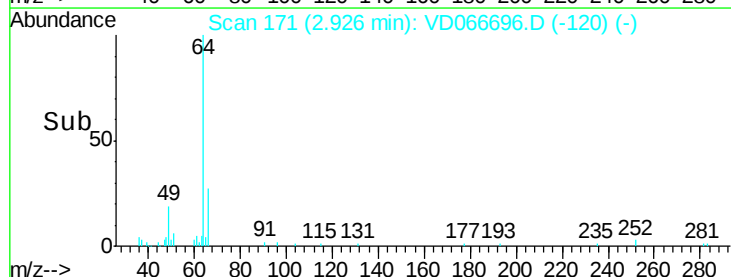
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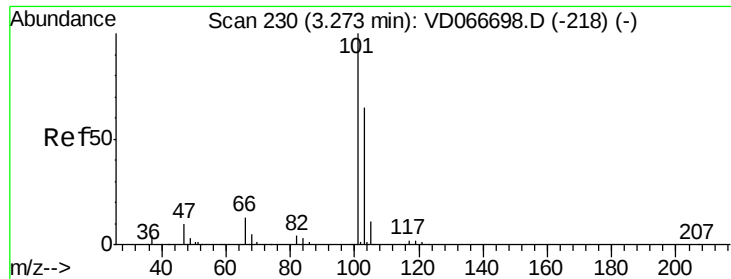
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0

2.85 2.90 2.95 3.00

Time-->





#7

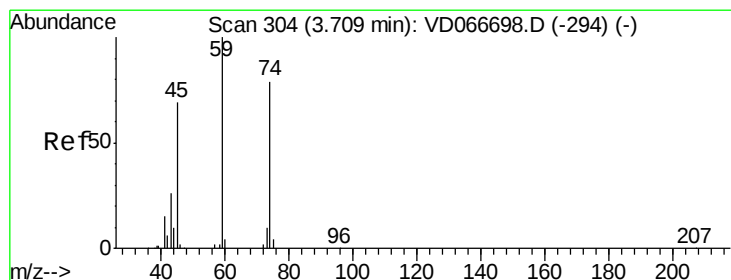
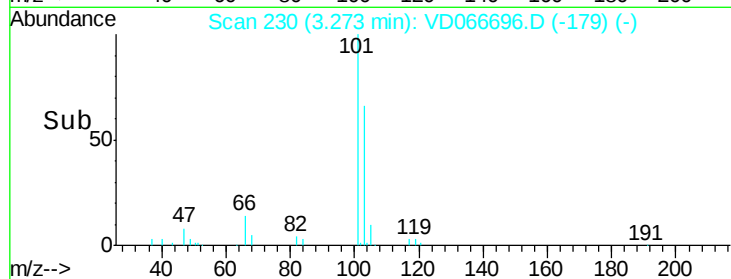
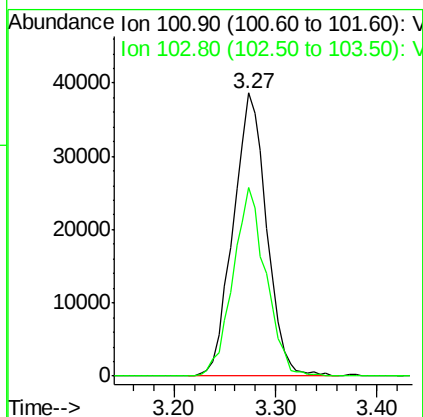
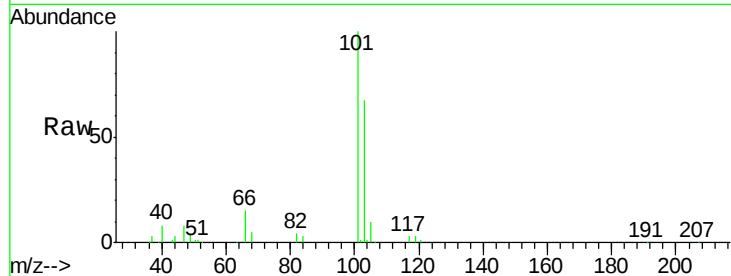
Trichlorofluoromethane
Concen: 11.195 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

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VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.8	77.8

Manual Integrations
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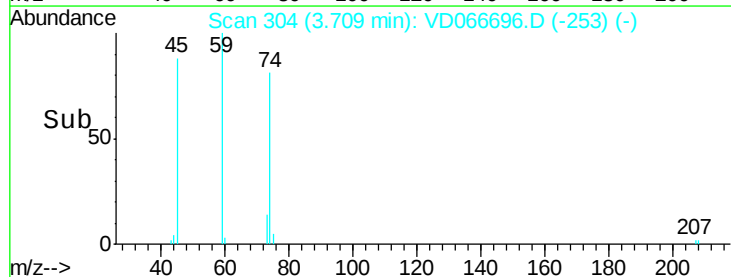
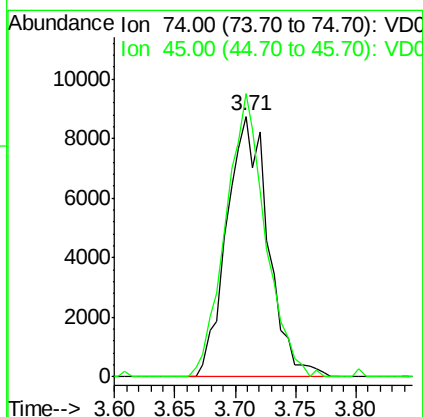
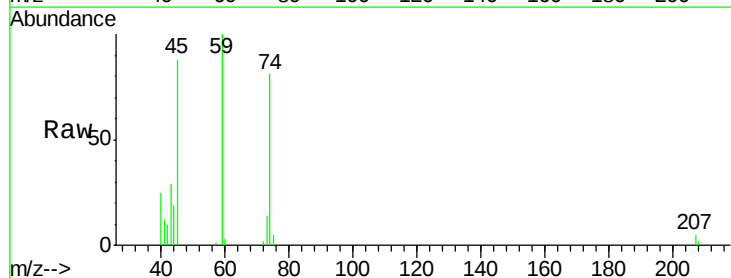
MMDadoda
9/16/2020 11:44:16 AM

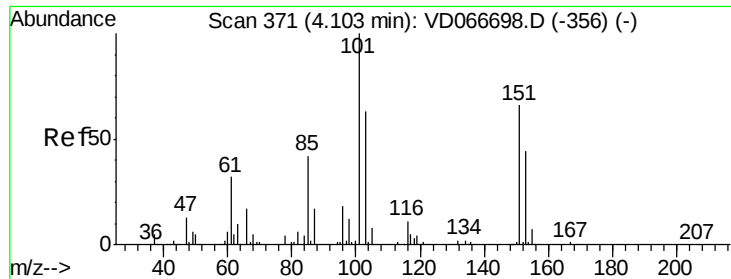


#8

Diethyl Ether
Concen: 10.566 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.3	48.0	144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.258 ug/l

RT: 4.10 min Scan# 371

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

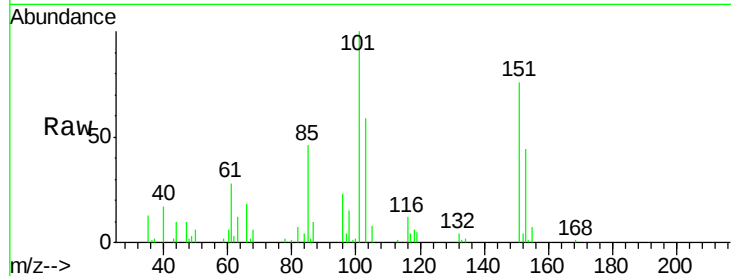
ClientSampleId :

VSTDIC010

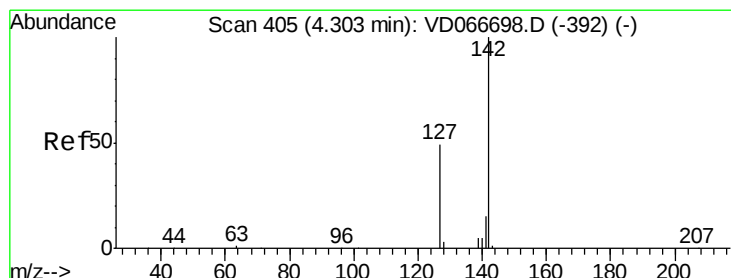
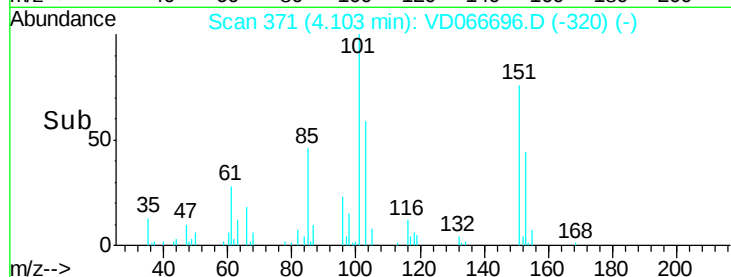
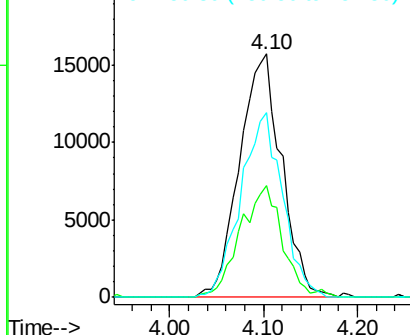
Tot Ion:	101	Resp:	48743
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.3	54.5
151	75.5	58.0	87.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.658 ug/l

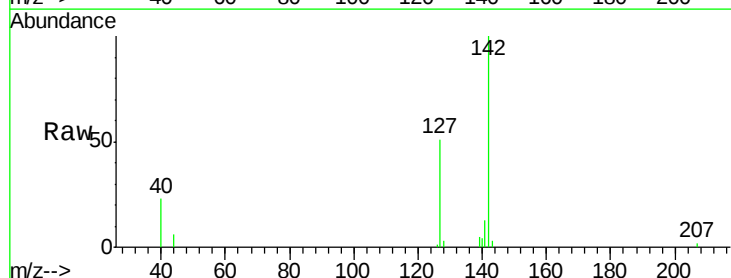
RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

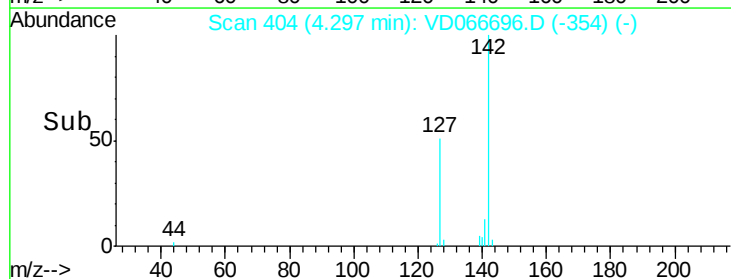
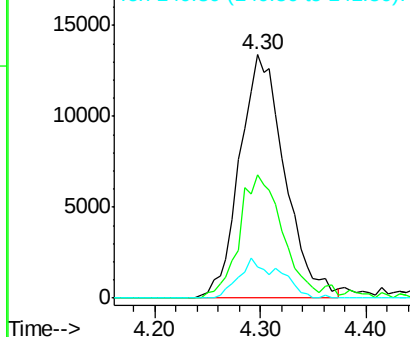
Lab File: VD066696.D

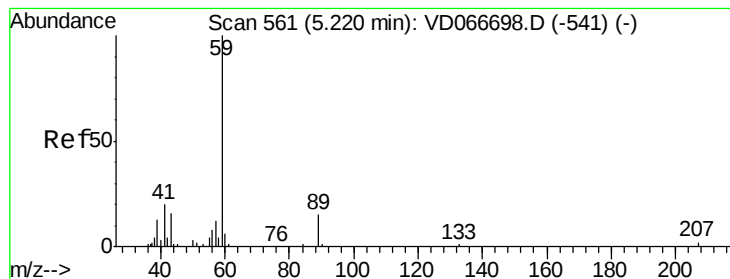
Acq: 15 Sep 2020 13:55

Tgt Ion:	142	Resp:	39676
Ion Ratio	Lower	Upper	
142	100		
127	48.4	39.0	58.4
141	9.6	11.7	17.5#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

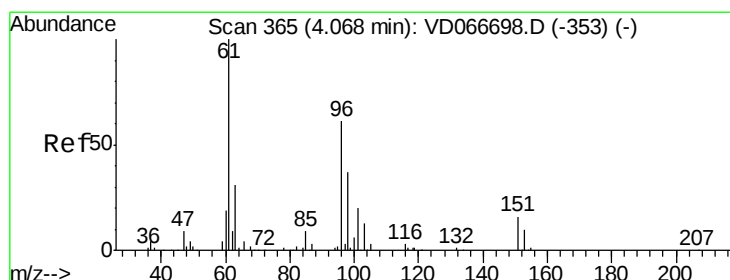
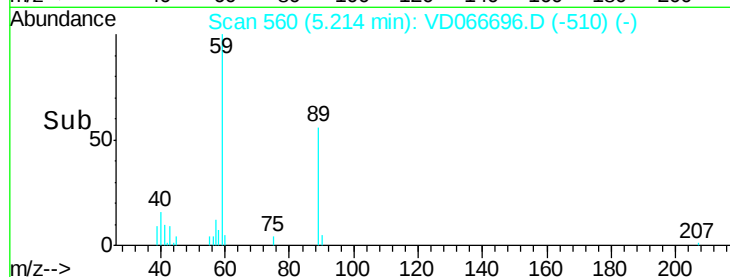
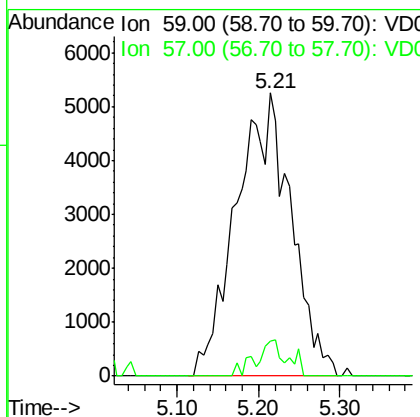
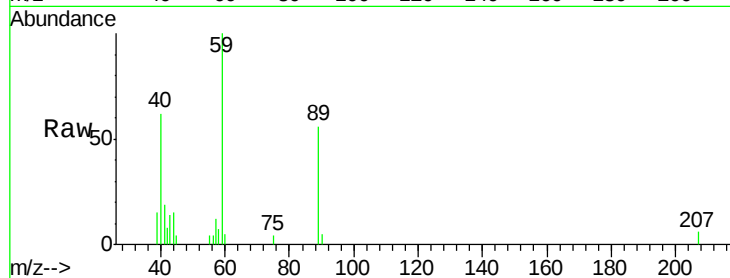
Tert butyl alcohol
 Concen: 56.687 ug/l m
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.7	10.1#

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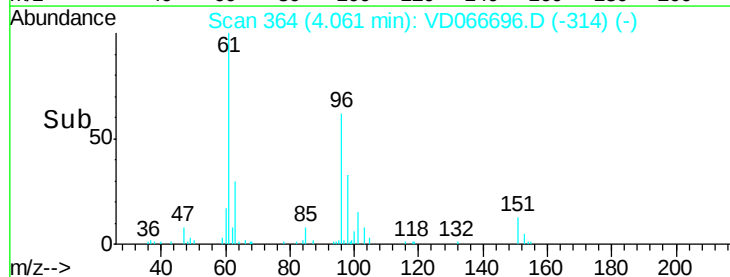
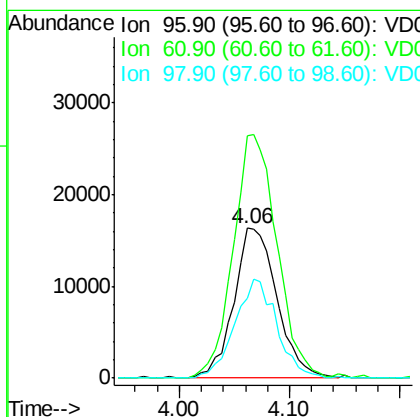
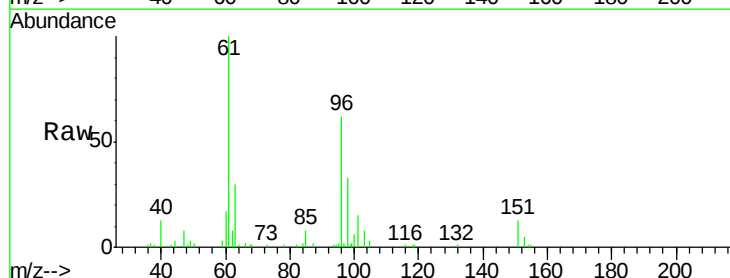
MMDadoda
 9/16/2020 11:44:16 AM

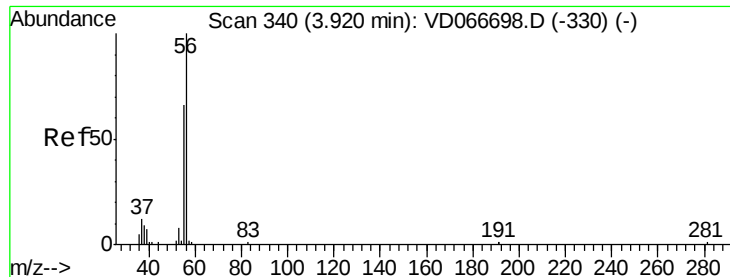


#12

1,1-Dichloroethene
 Concen: 11.189 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.6	131.9	197.9
98	53.6	49.1	73.7





#13

Acrolein

Concen: 53.557 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 16140

Ion Ratio Lower Upper

56 100

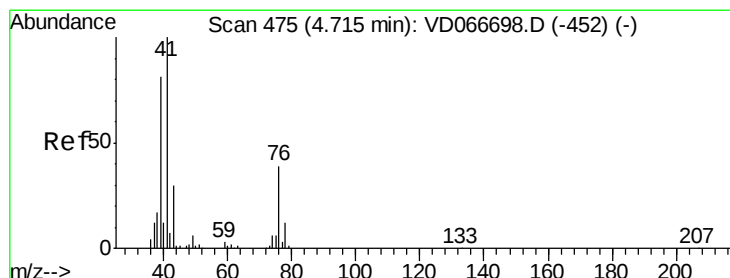
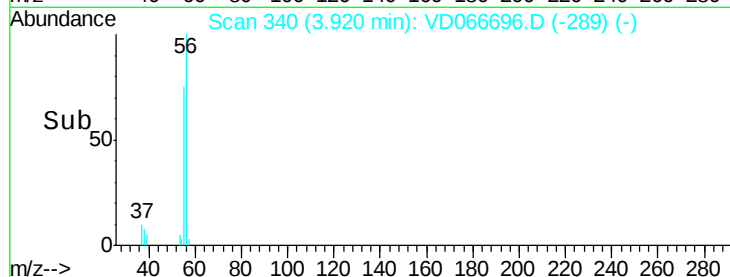
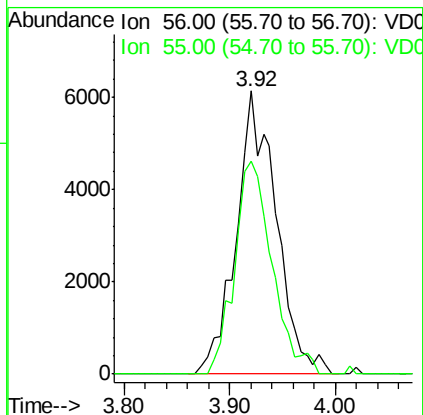
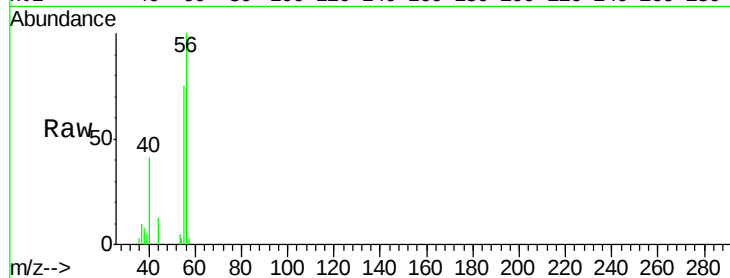
55 70.8 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 10.707 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

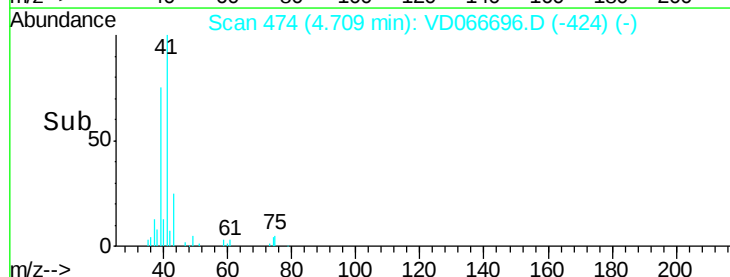
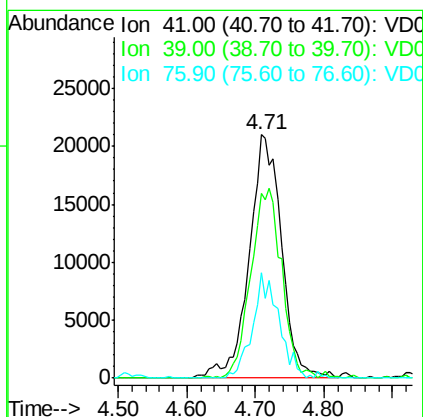
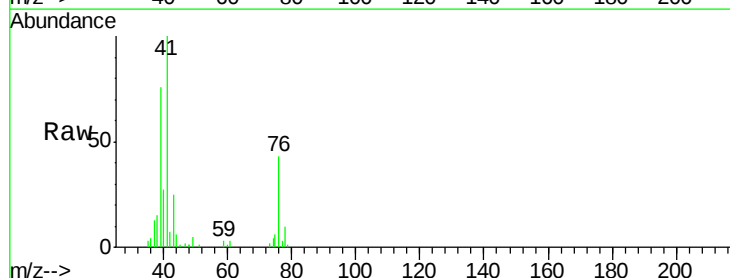
Tgt Ion: 41 Resp: 68907

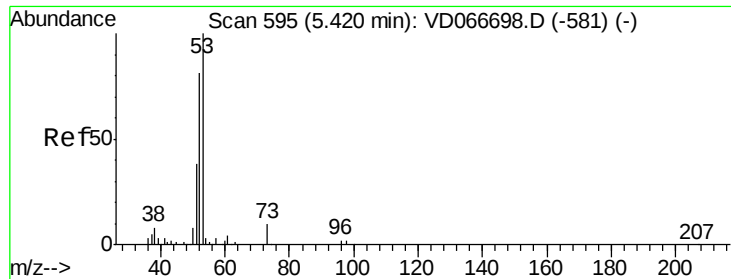
Ion Ratio Lower Upper

41 100

39 74.3 60.6 90.8

76 35.0 29.2 43.8





#15

Acrylonitrile

Concen: 53.482 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

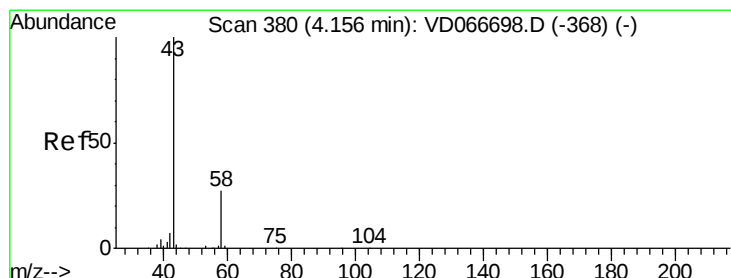
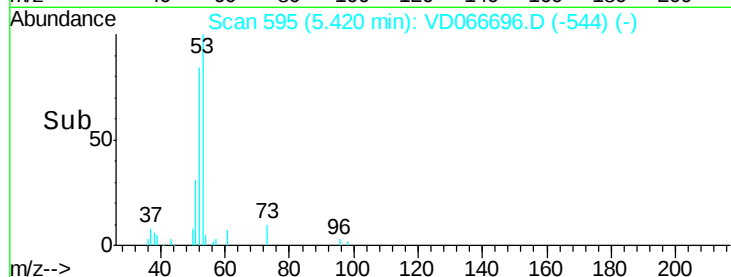
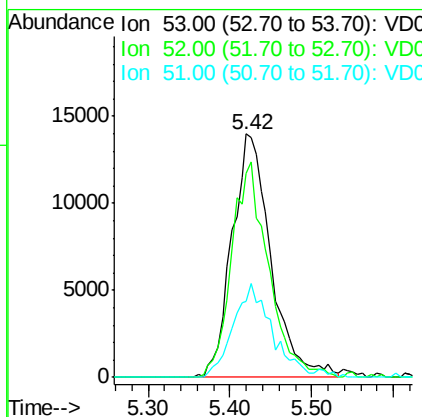
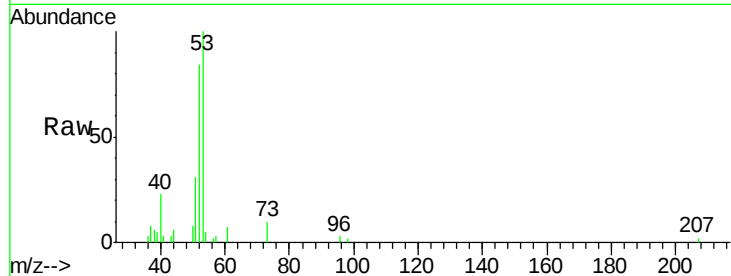
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	46219
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.6	99.8
51	38.1	31.0	46.6

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#16

Acetone

Concen: 56.279 ug/l

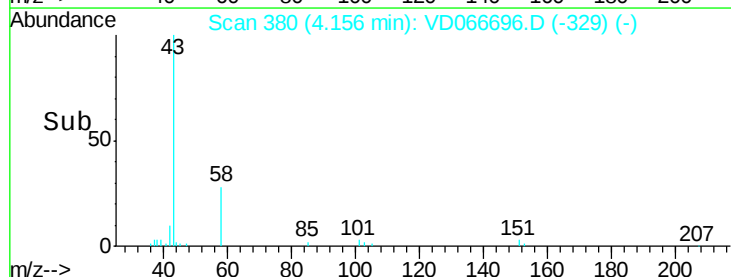
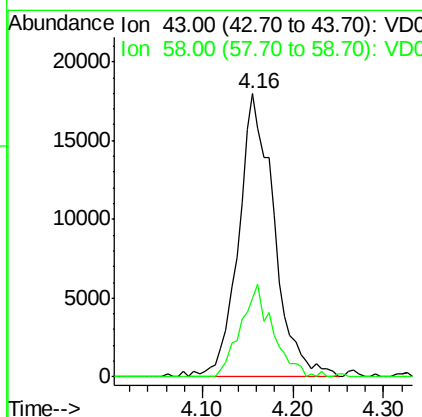
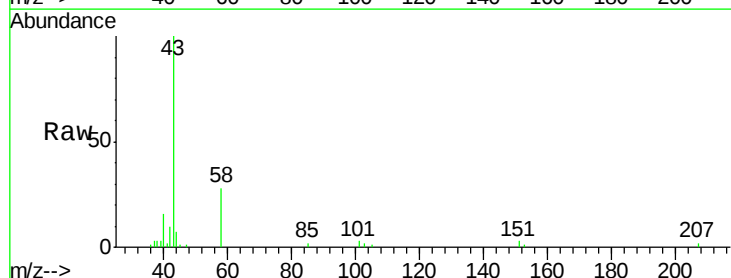
RT: 4.16 min Scan# 380

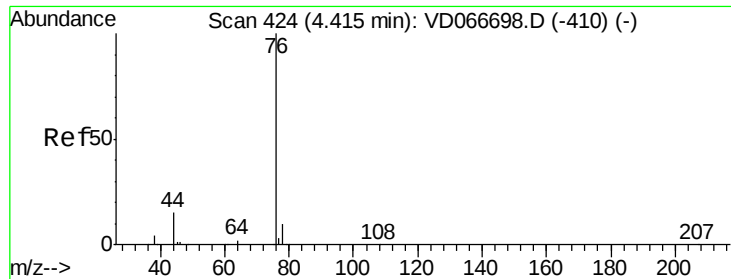
Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Tgt Ion:	43	Resp:	48971
Ion	Ratio	Lower	Upper
43	100		
58	27.7	21.9	32.9





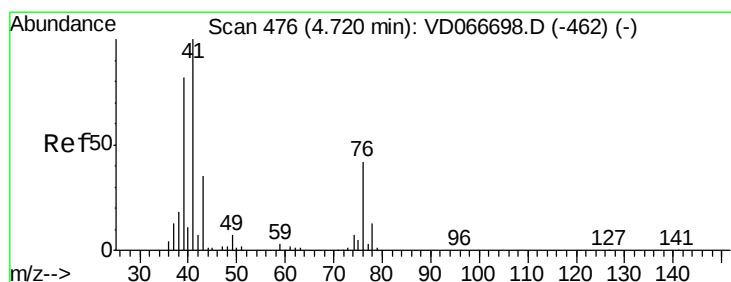
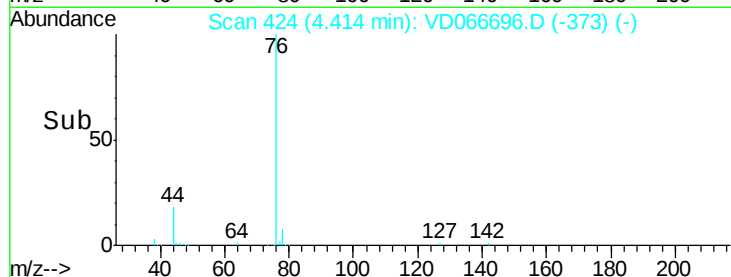
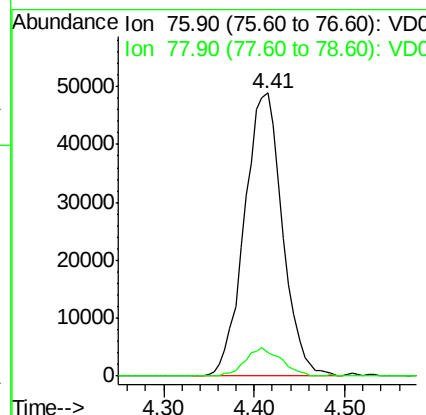
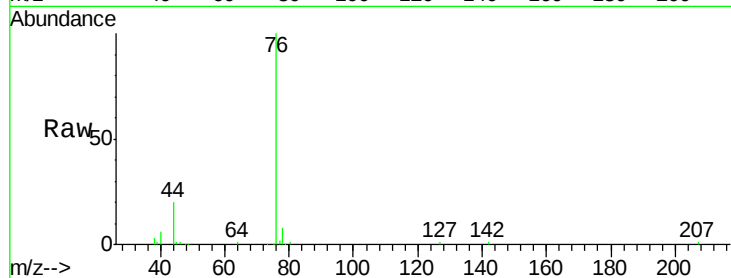
#17
Carbon Disulfide
Concen: 11.287 ug/l
RT: 4.41 min Scan# 424
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	8.0	12.0

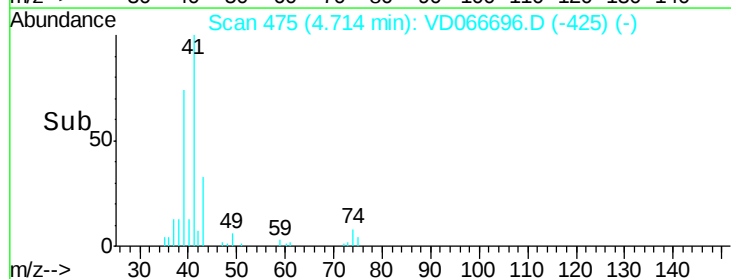
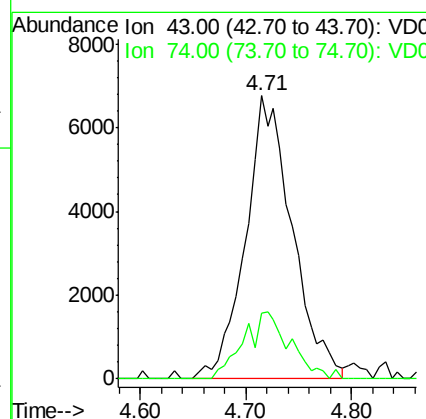
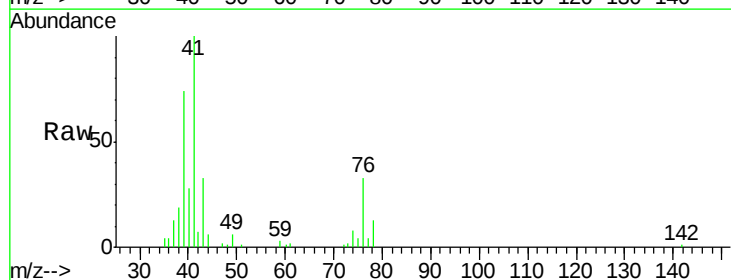
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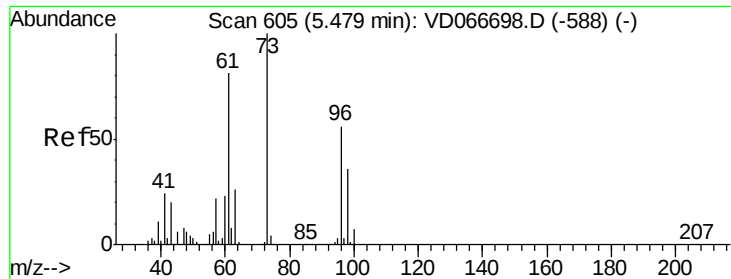
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#18
Methyl Acetate
Concen: 9.894 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.6	28.0





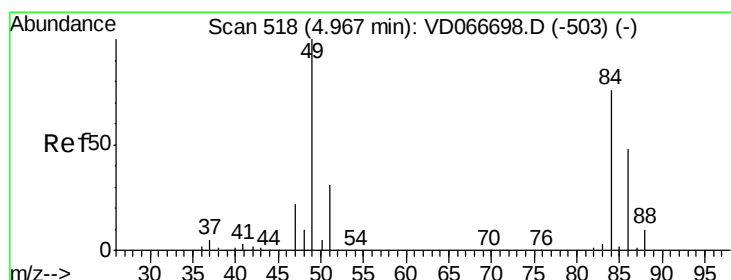
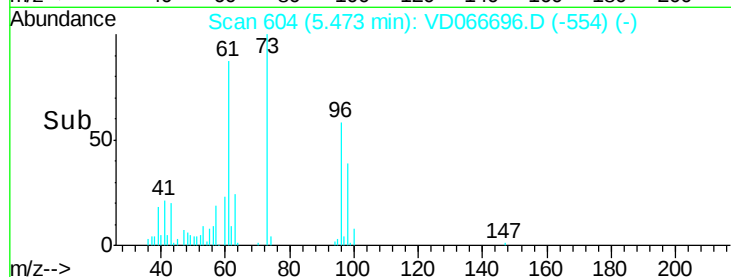
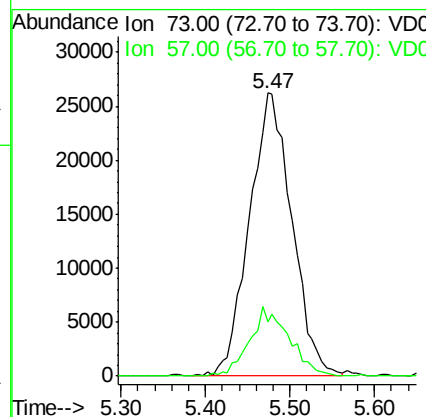
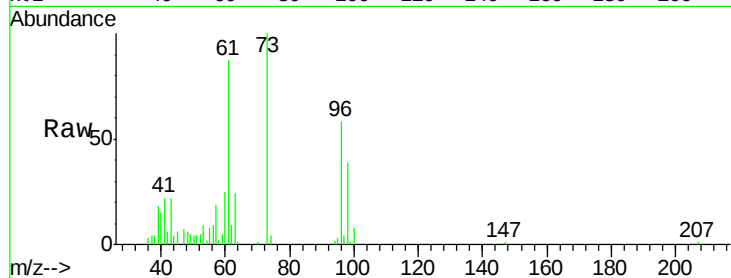
#19
Methyl tert-butyl Ether
Concen: 10.267 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 91640
Ion Ratio Lower Upper
73 100
57 19.0 17.8 26.6

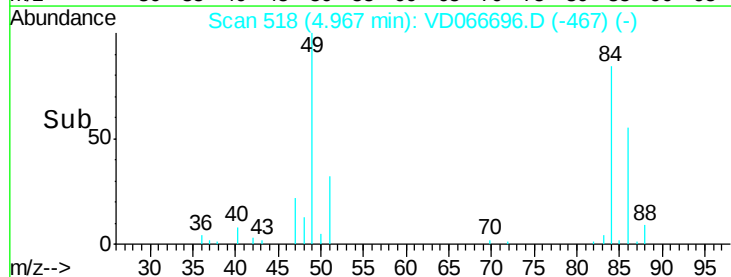
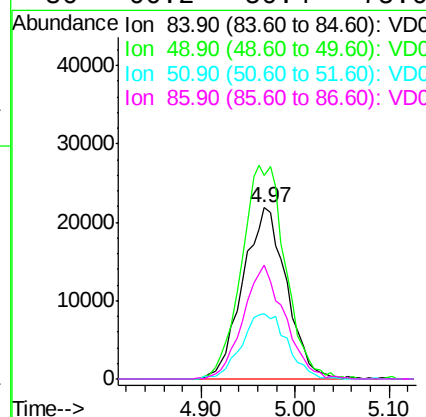
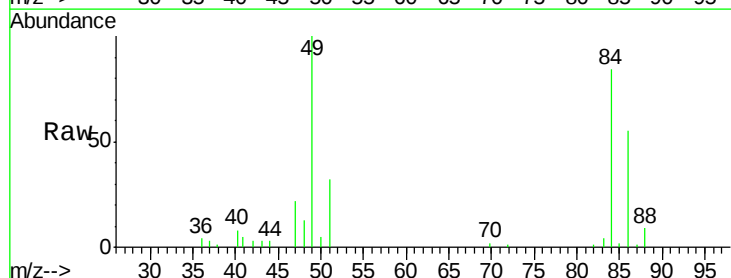
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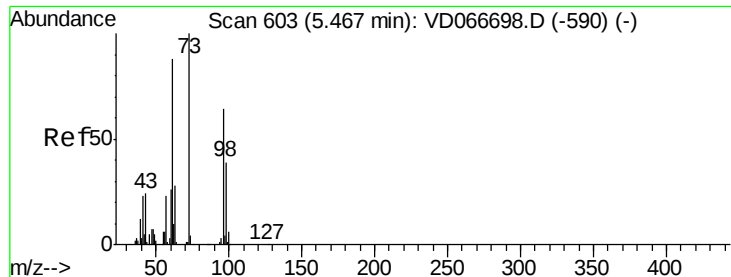
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#20
Methylene Chloride
Concen: 11.906 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 84 Resp: 70169
Ion Ratio Lower Upper
84 100
49 119.3 105.0 157.6
51 38.2 32.2 48.4
86 66.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 10.810 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 96 Resp: 50470

Ion Ratio Lower Upper

96 100

61 126.0 110.6 166.0

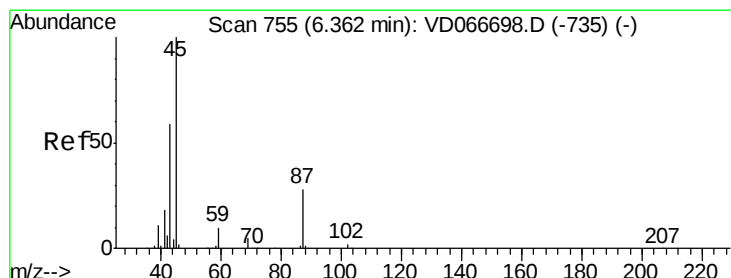
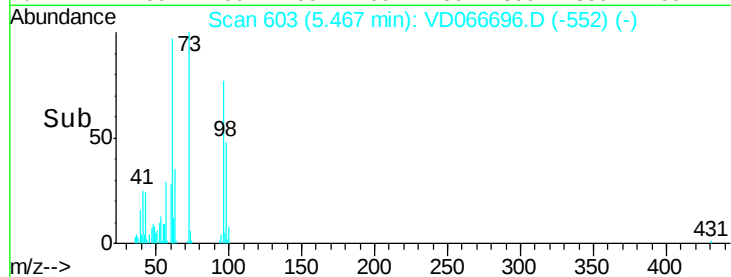
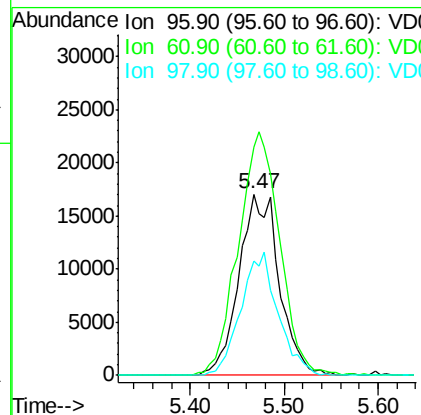
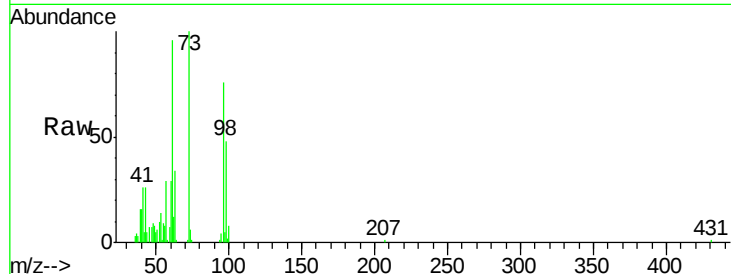
98 63.1 49.2 73.8

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#22

Diisopropyl ether

Concen: 10.624 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Tgt Ion: 45 Resp: 138929

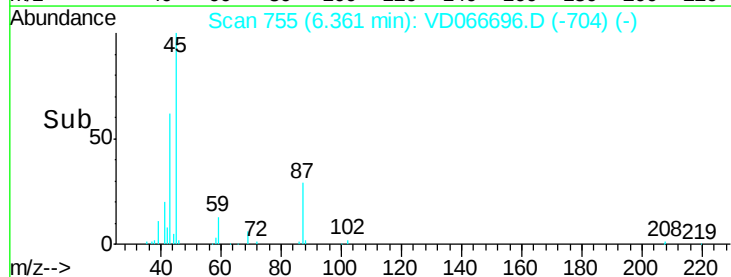
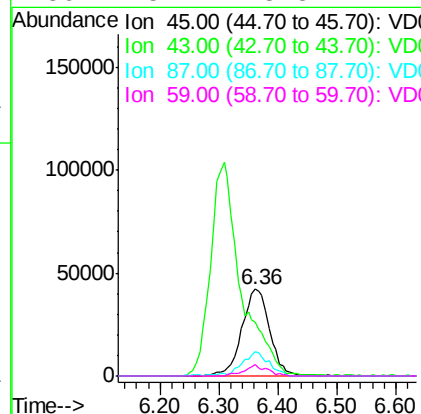
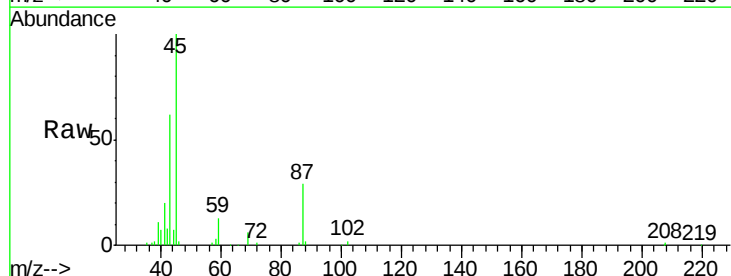
Ion Ratio Lower Upper

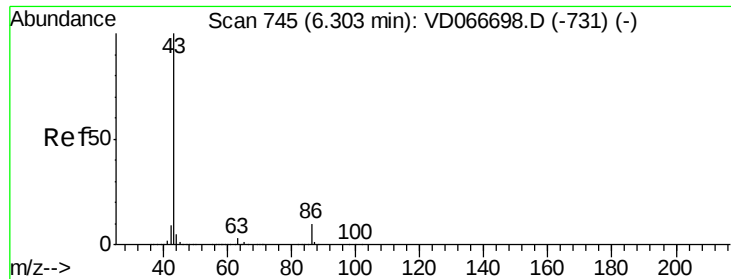
45 100

43 61.3 46.9 70.3

87 28.7 22.4 33.6

59 13.4 8.5 12.7#





#23

Vinyl Acetate

Concen: 51.192 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 372364

Ion Ratio Lower Upper

43 100

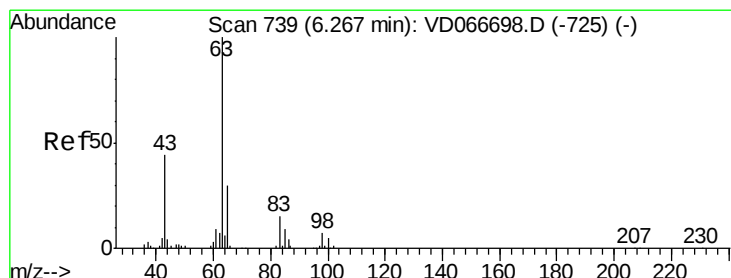
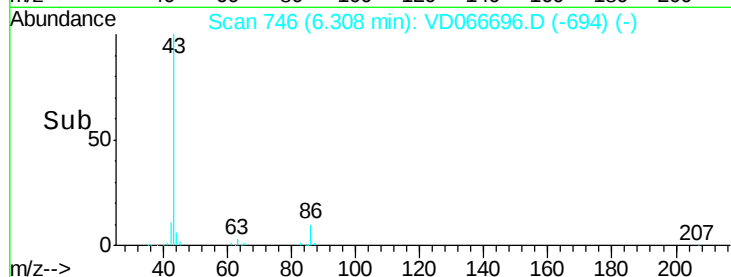
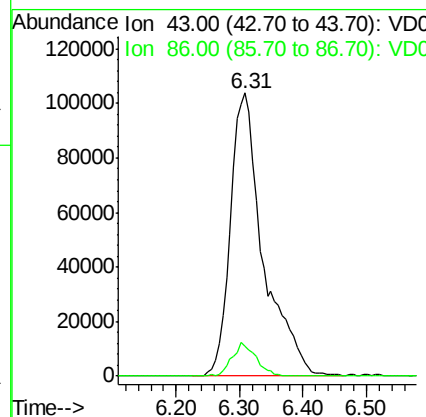
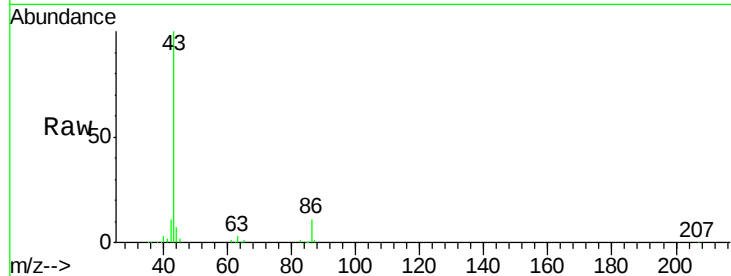
86 10.6 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 10.794 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

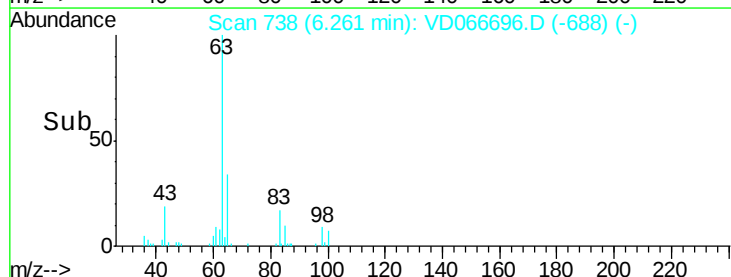
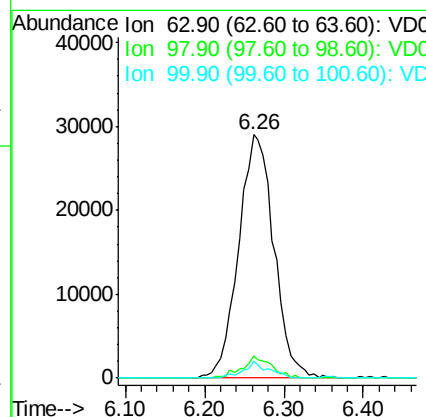
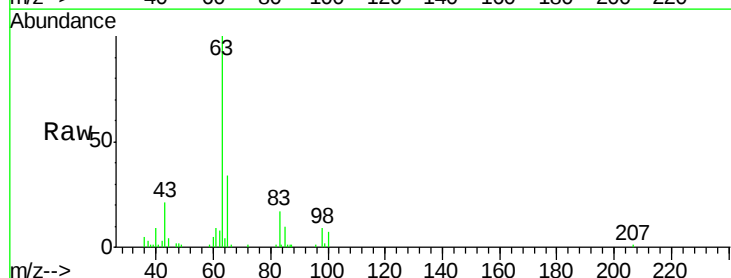
Tgt Ion: 63 Resp: 89570

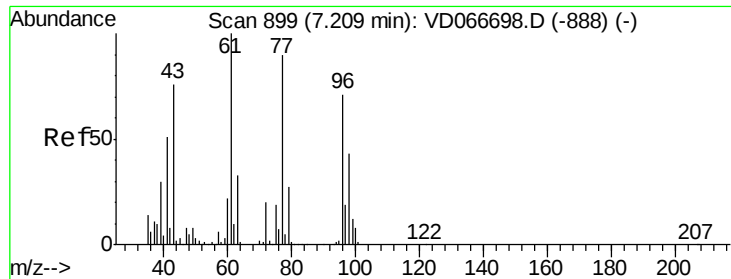
Ion Ratio Lower Upper

63 100

98 9.0 3.4 10.2

100 7.1 2.6 8.0





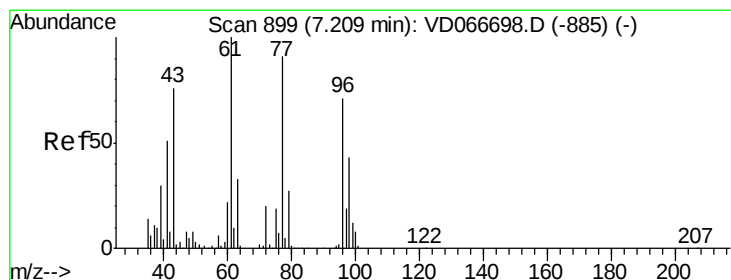
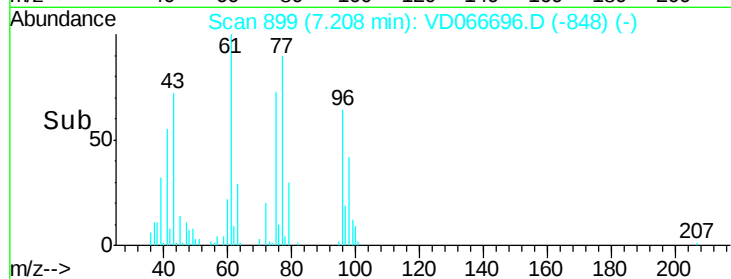
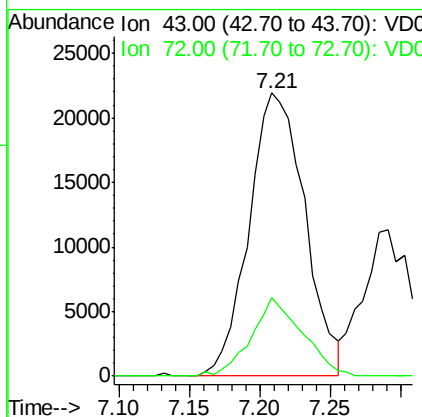
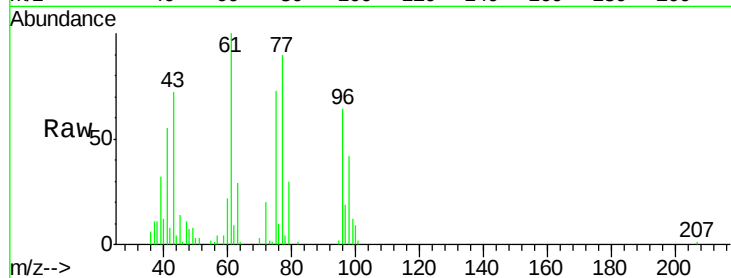
#25
2-Butanone
Concen: 53.684 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 60827
Ion Ratio Lower Upper
43 100
72 27.8 21.0 31.4

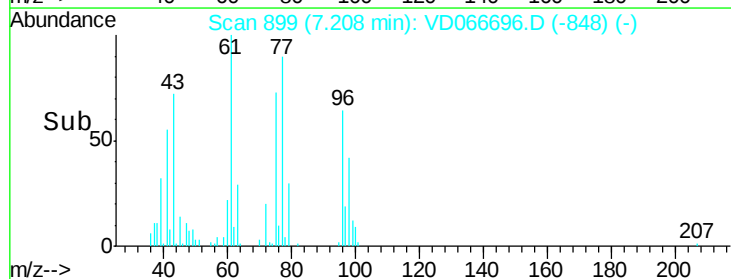
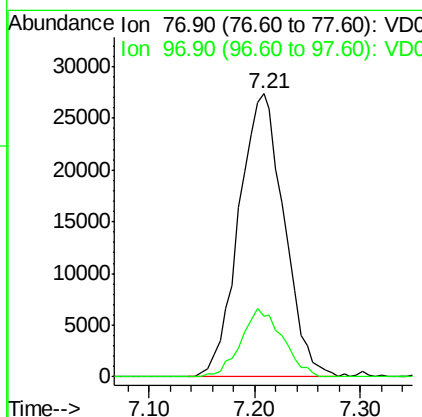
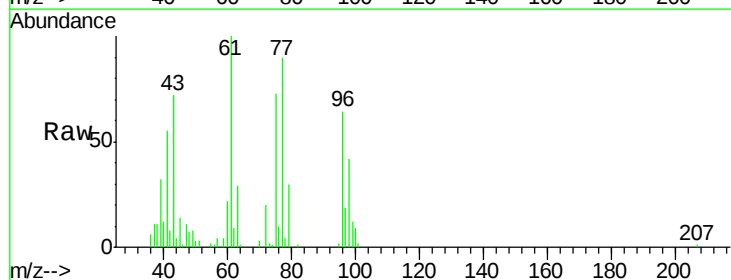
Manual Integrations
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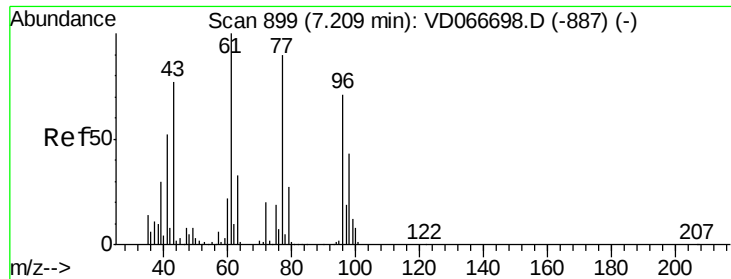
MMDadoda
9/16/2020 11:44:16 AM



#26
2,2-Dichloropropane
Concen: 10.608 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 77 Resp: 81398
Ion Ratio Lower Upper
77 100
97 22.1 10.6 31.8





#27

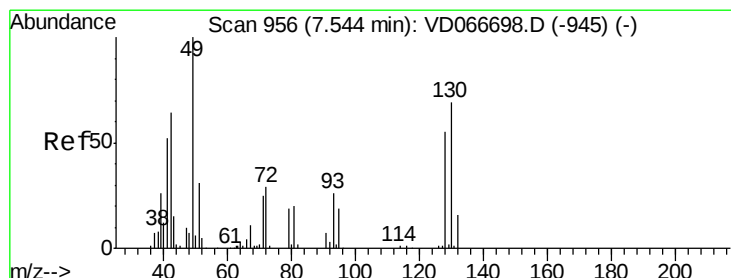
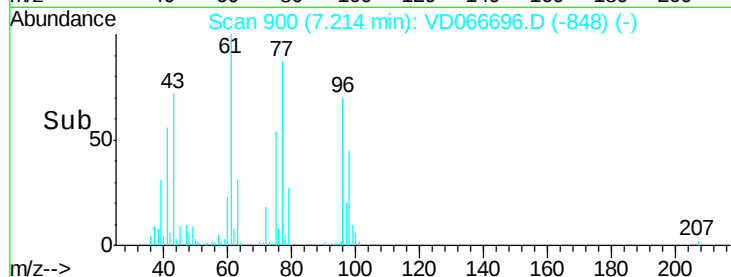
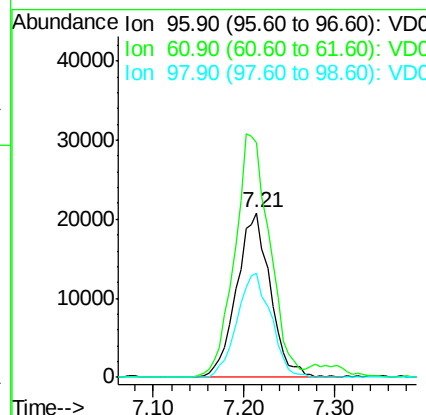
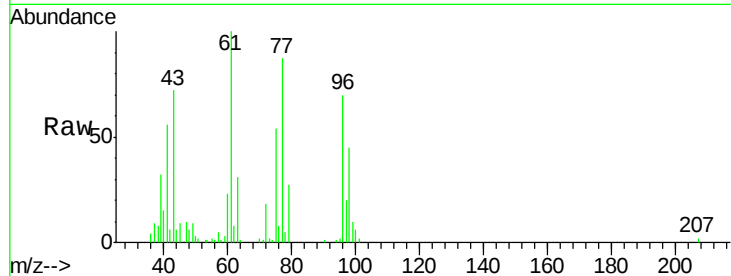
cis-1,2-Dichloroethene
 Concen: 10.515 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	292.4
98	64.1	0.0	127.0

Manual Integrations
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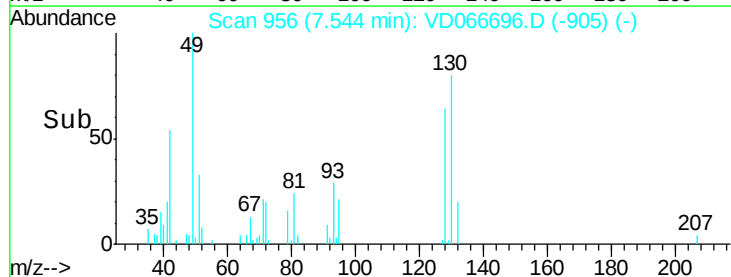
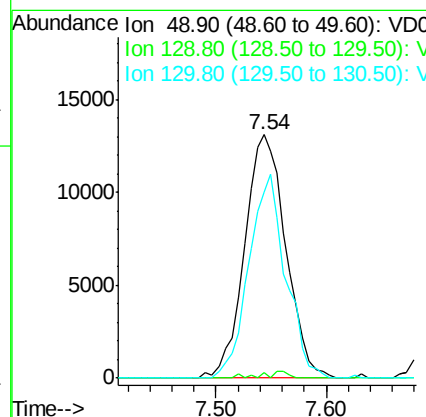
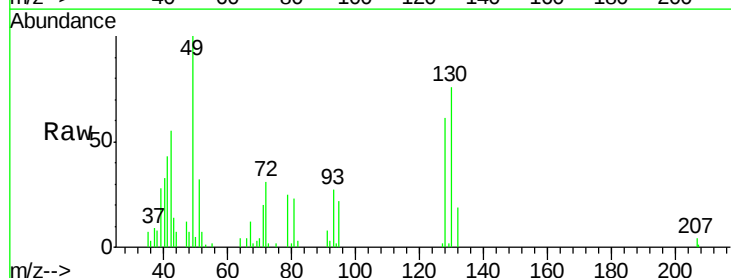
MMDadoda
 9/16/2020 11:44:16 AM

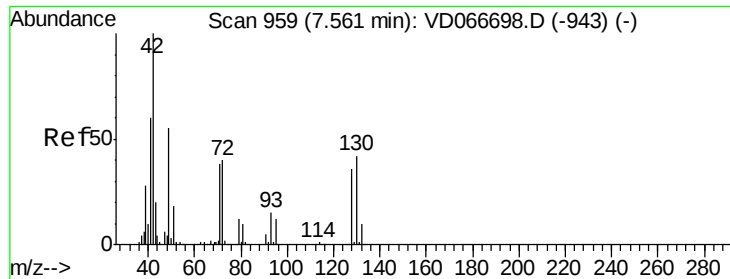


#28

Bromochloromethane
 Concen: 11.034 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	75.3	58.6	88.0





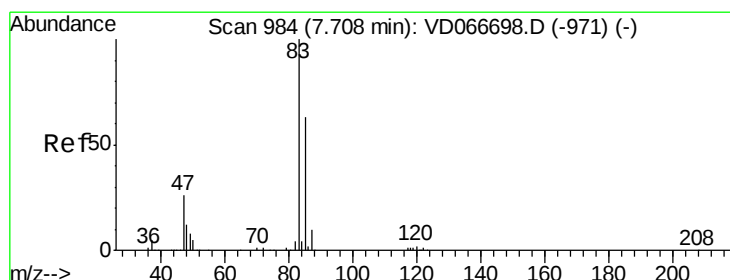
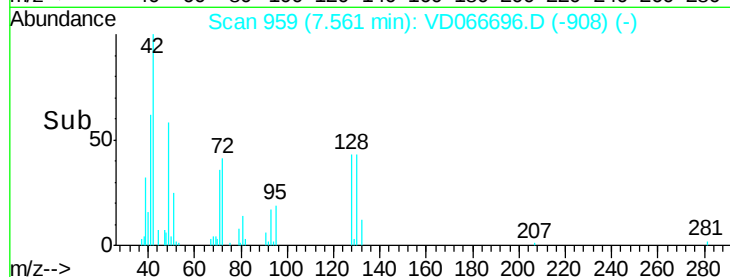
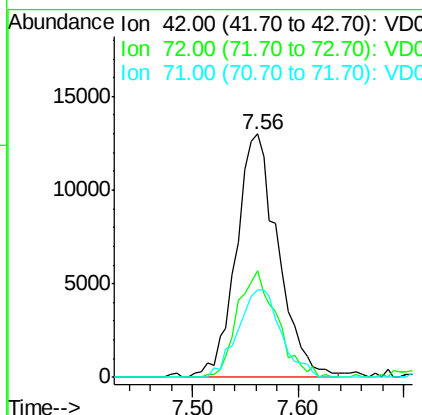
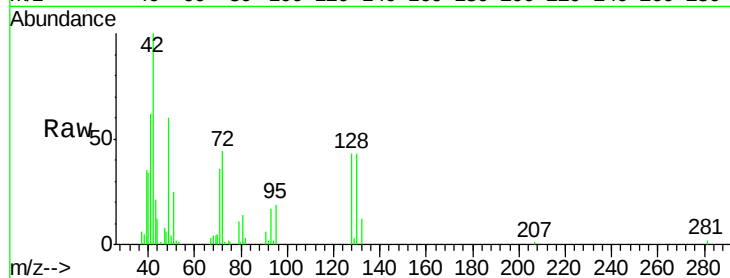
#29
Tetrahydrofuran
Concen: 51.343 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:	42	Resp:	35593
Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.6	48.8
71	37.3	30.6	45.8

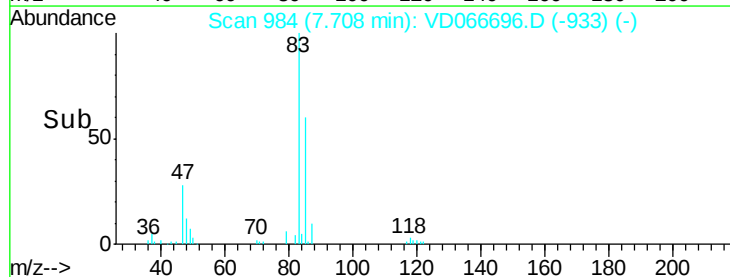
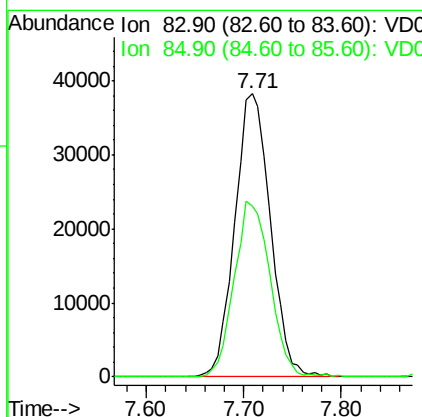
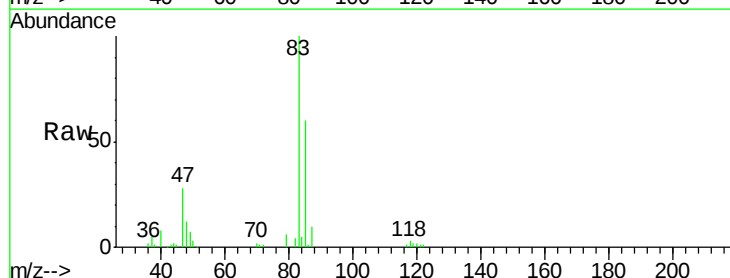
Manual Integrations
APPROVED

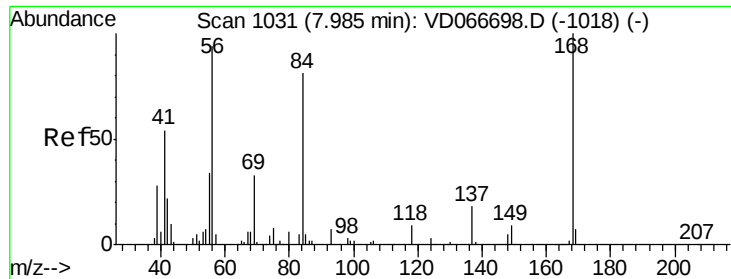
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#30
Chloroform
Concen: 10.970 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion:	83	Resp:	96881
Ion	Ratio	Lower	Upper
83	100		
85	60.4	50.6	76.0





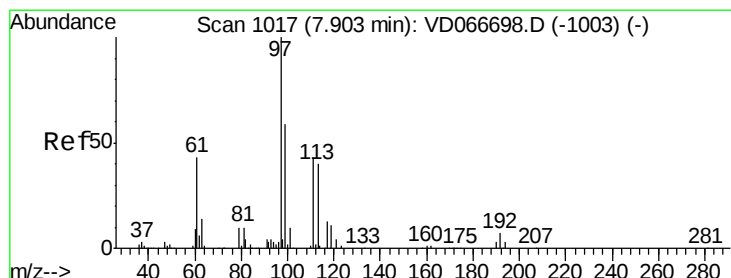
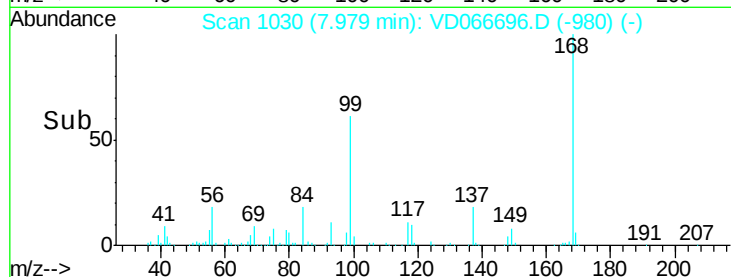
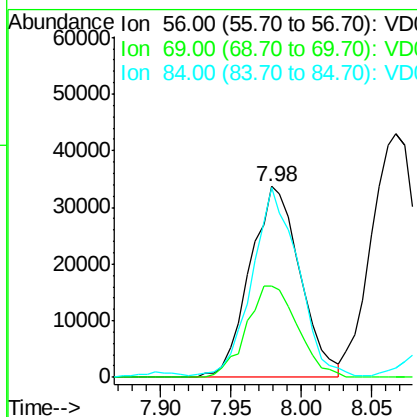
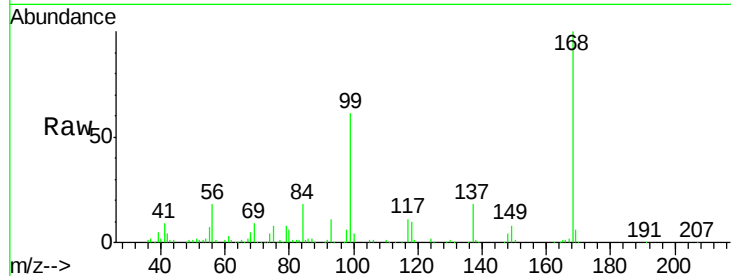
#31
Cyclohexane
Concen: 11.116 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleID :
VSTDIC010

Tot Ion	56	69	84
Resp	83904		
Ion Ratio	100	47.6	98.7
Lower		27.7	68.5
Upper		41.5#	102.7

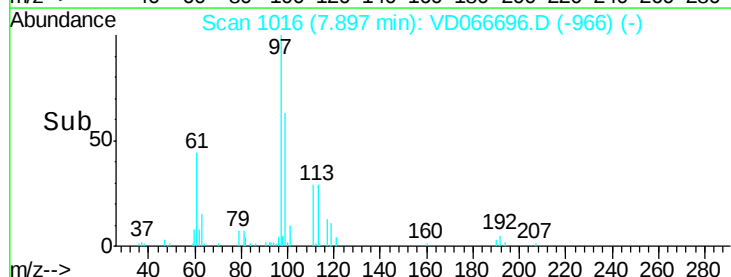
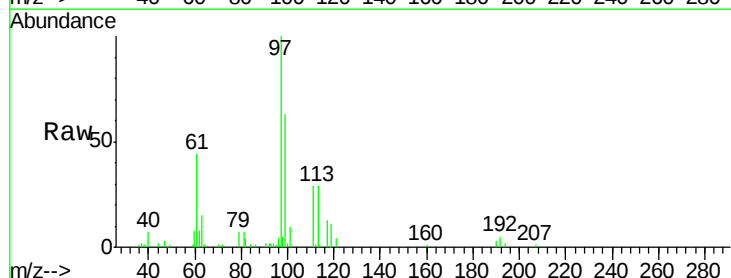
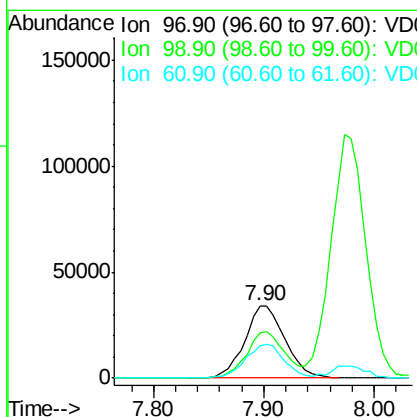
Manual Integrations
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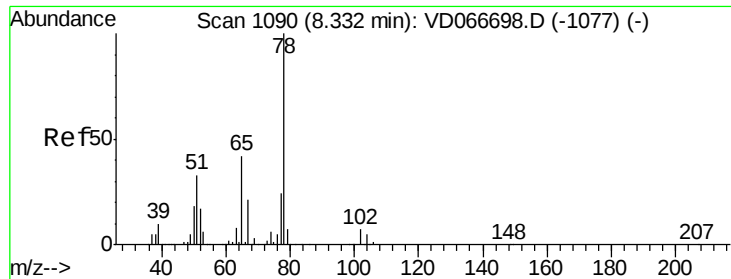
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#32
1,1,1-Trichloroethane
Concen: 10.779 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	97	99	61
Resp	87110		
Ion Ratio	100	62.9	45.1
Lower		51.0	35.2
Upper		76.4	52.8





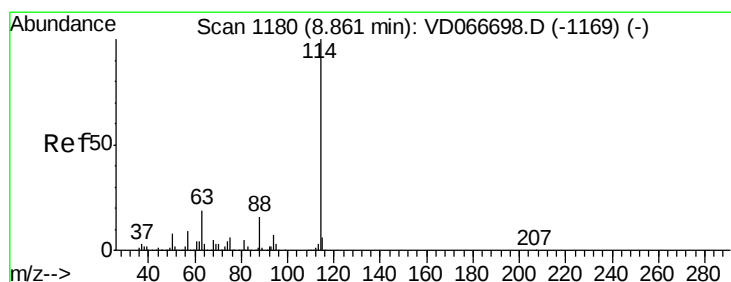
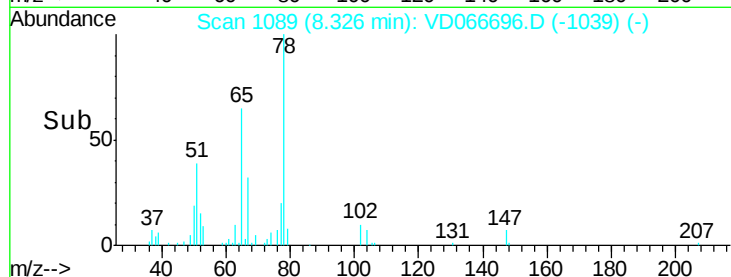
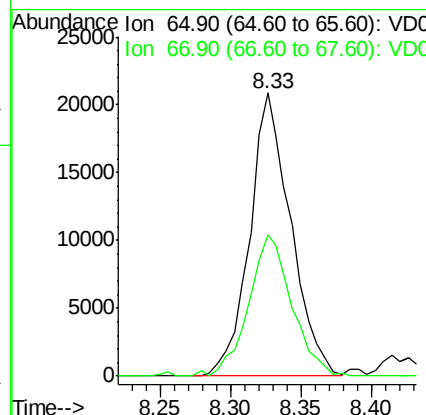
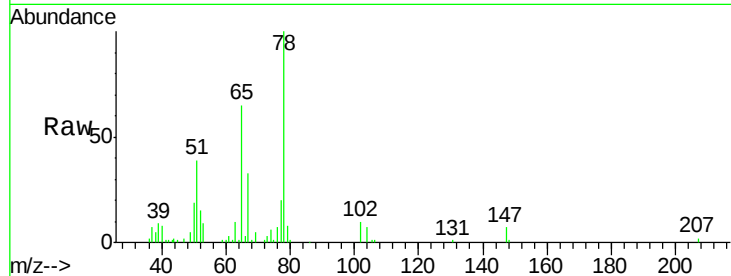
#33
 1,2-Dichloroethane-d4
 Concen: 9.945 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	42496		
67	52.5	0.0	102.2	

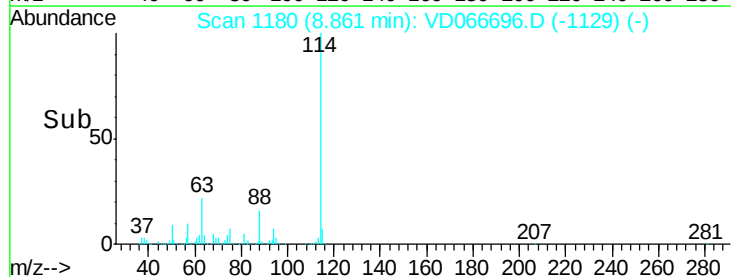
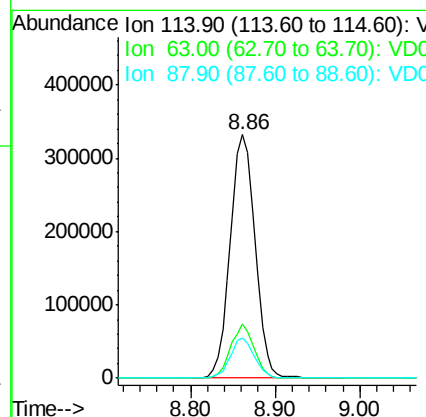
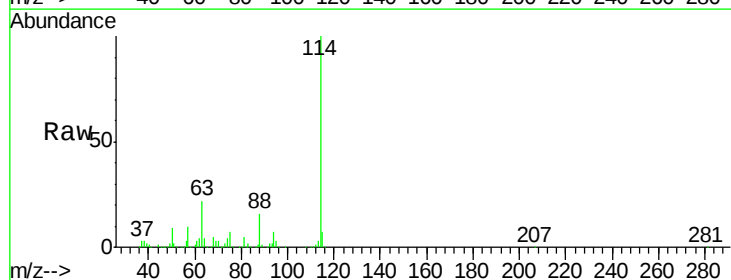
Manual Integrations
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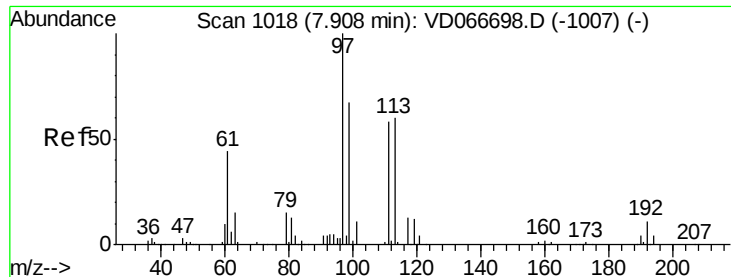
MMDadoda
 9/16/2020 11:44:16 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	674854		
63	22.2	0.0	37.6	
88	16.5	0.0	32.2	





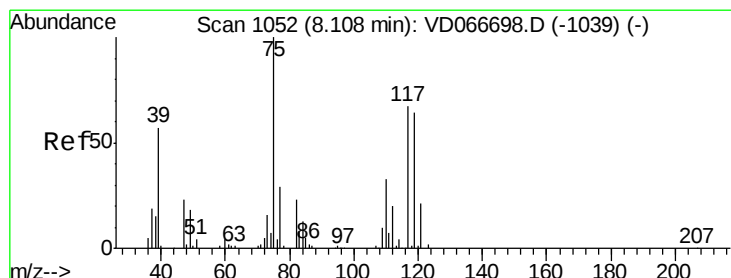
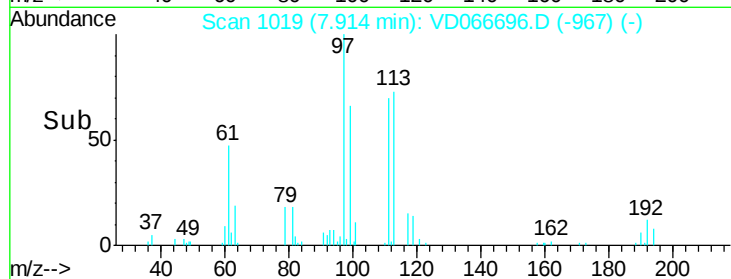
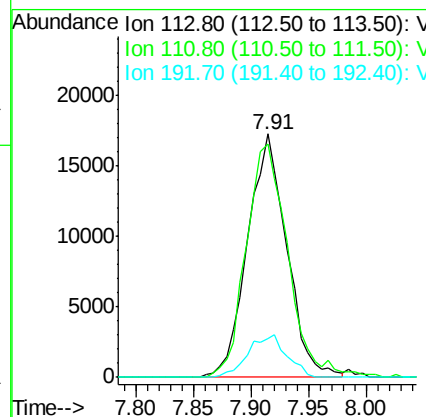
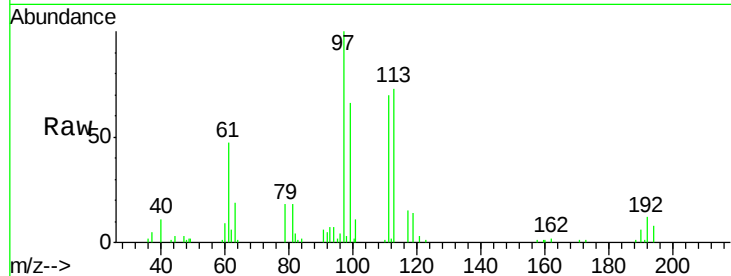
#35
 Dibromofluoromethane
 Concen: 9.852 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
113	100	40762		
111	102.7	83.2	124.8	
192	17.3	14.8	22.2	

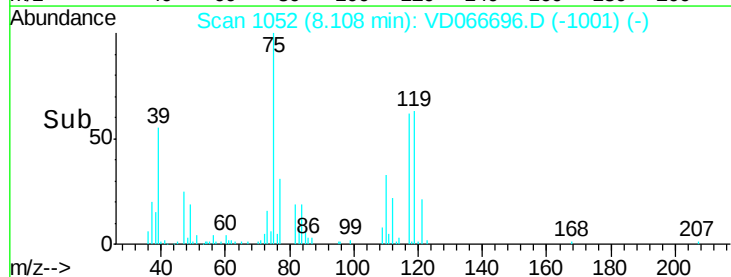
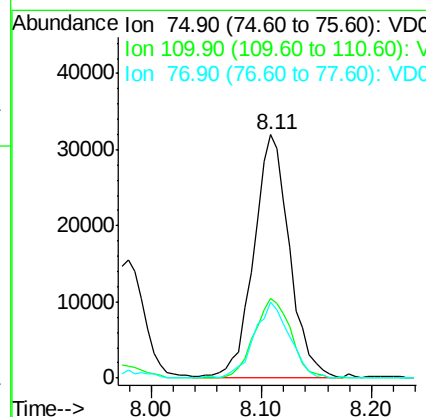
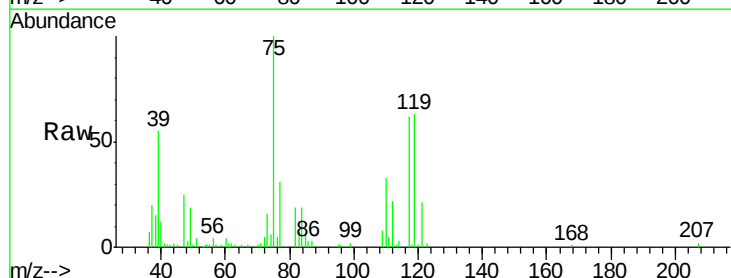
Manual Integrations
 APPROVED

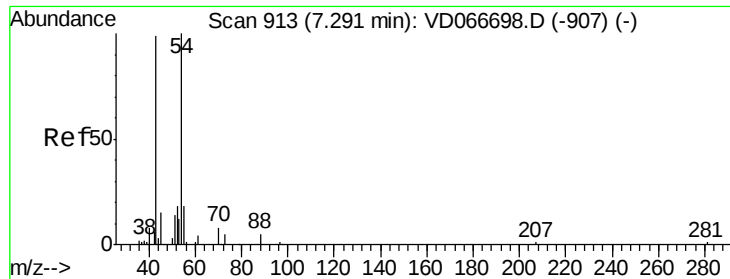
MMDadoda
 9/16/2020 11:44:16 AM



#36
 1,1-Dichloropropene
 Concen: 10.491 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72788		
110	33.5	17.1	51.2	
77	30.9	25.0	37.6	





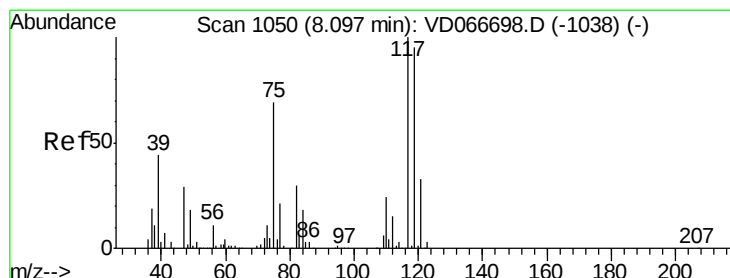
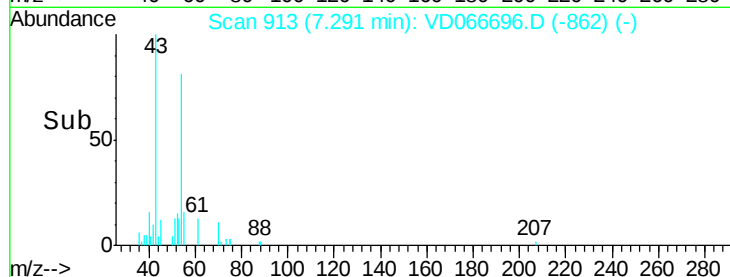
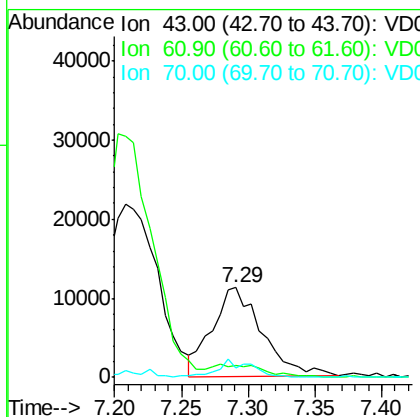
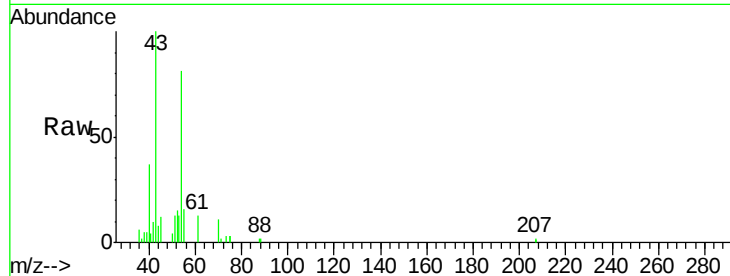
#37
Ethyl Acetate
Concen: 11.054 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.4	15.6
70	13.7	7.5	11.3

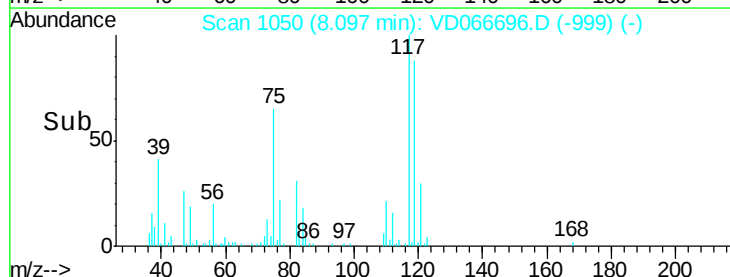
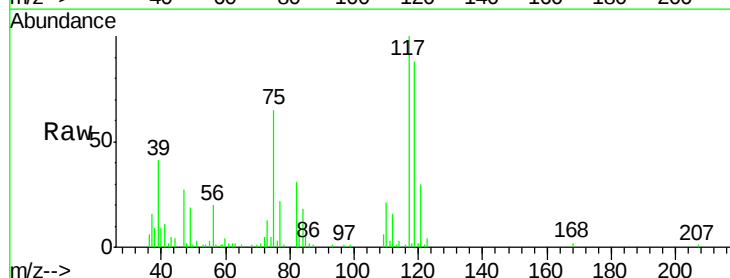
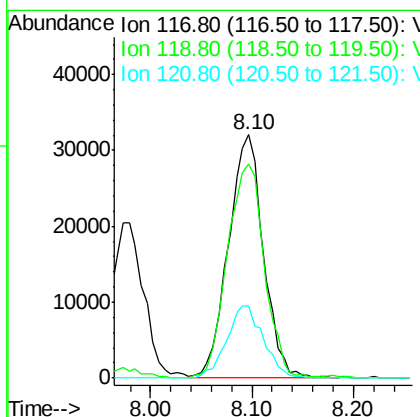
Manual Integrations
APPROVED

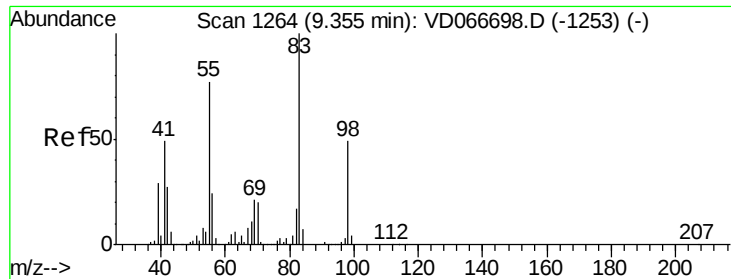
MMDadoda
9/16/2020 11:44:16 AM



#38
Carbon Tetrachloride
Concen: 10.410 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.0	75.8	113.6
121	29.7	26.2	39.4





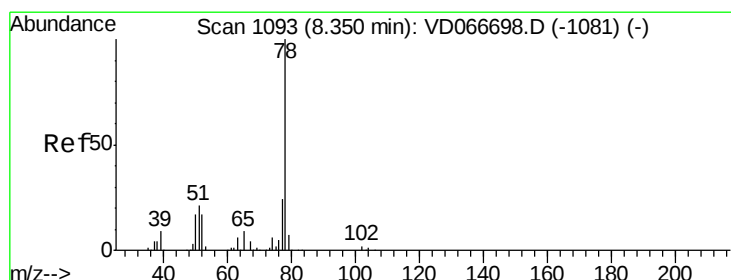
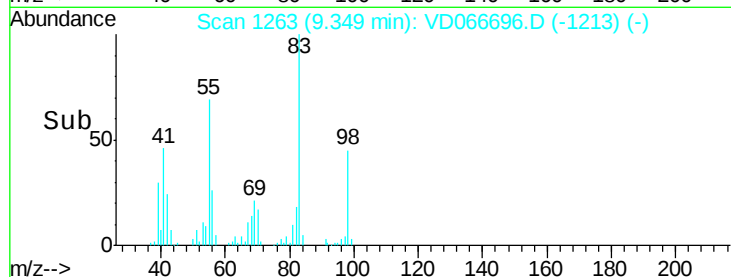
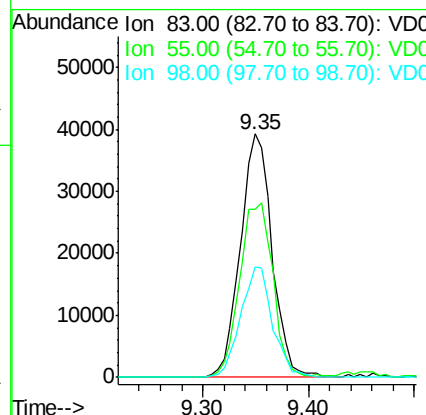
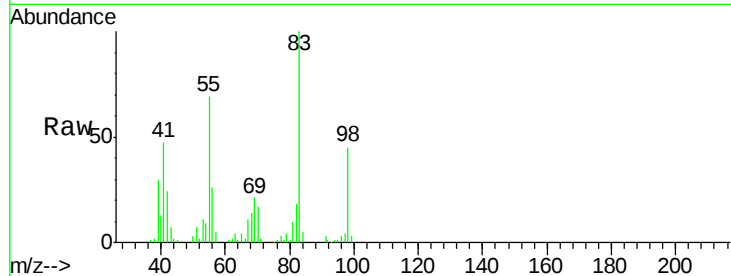
#39
Methvlcvclohexane
Concen: 10.304 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.1	61.5	92.3
98	45.3	39.3	58.9

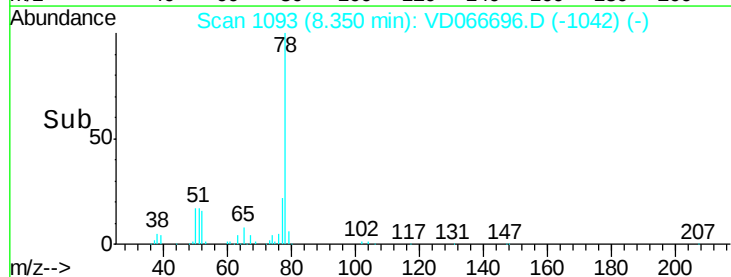
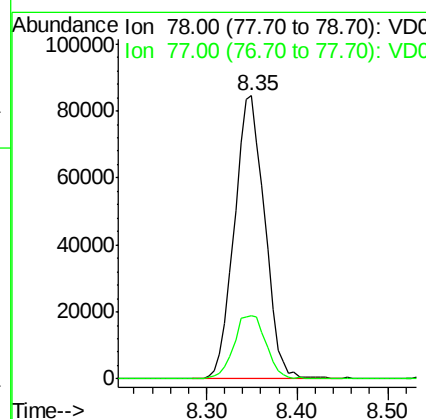
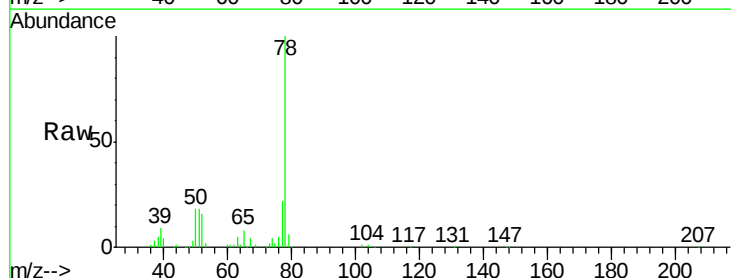
Manual Integrations
APPROVED

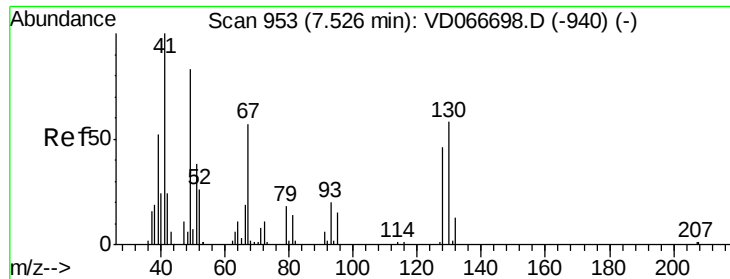
MMDadoda
9/16/2020 11:44:16 AM



#40
Benzene
Concen: 10.480 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.3	28.9





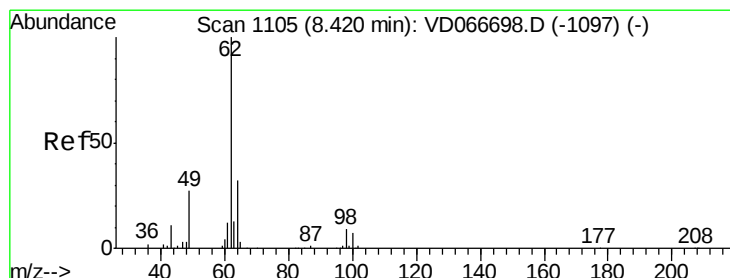
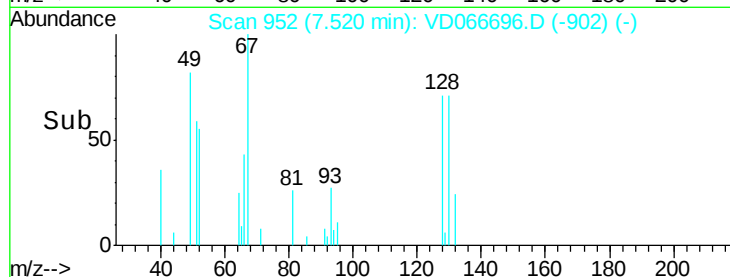
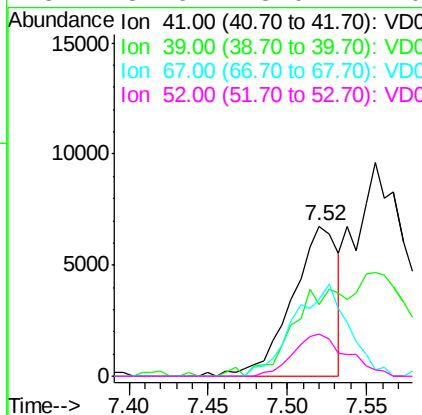
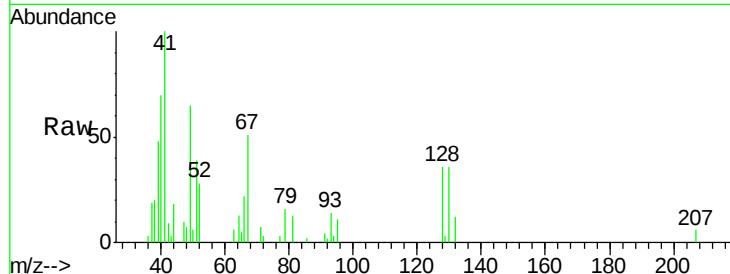
#41
Methacrylonitrile
Concen: 10.641 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	59.3	88.9#
67	73.4	62.3	93.5
52	32.6	28.0	42.0

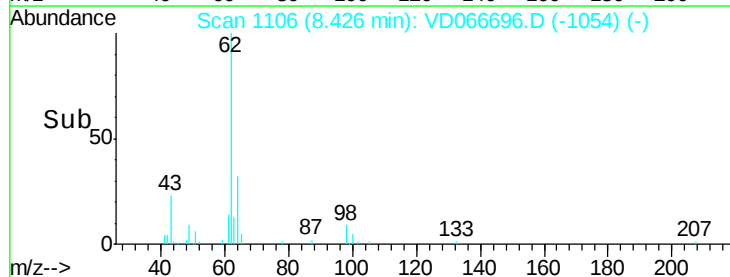
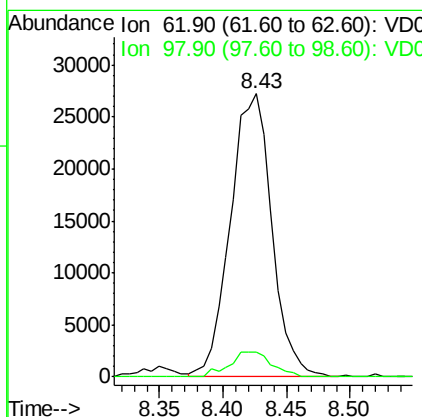
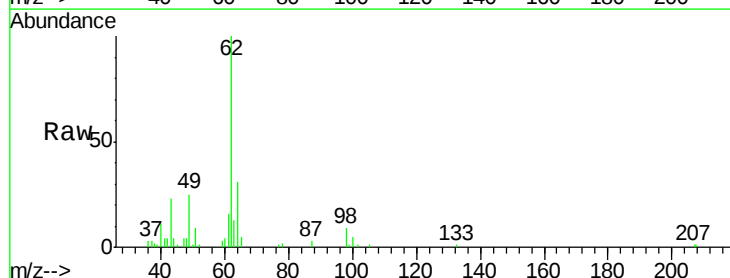
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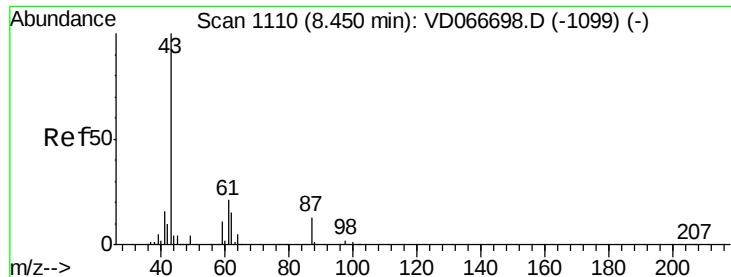
MMDadoda
9/16/2020 11:44:16 AM



#42
1,2-Dichloroethane
Concen: 10.628 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





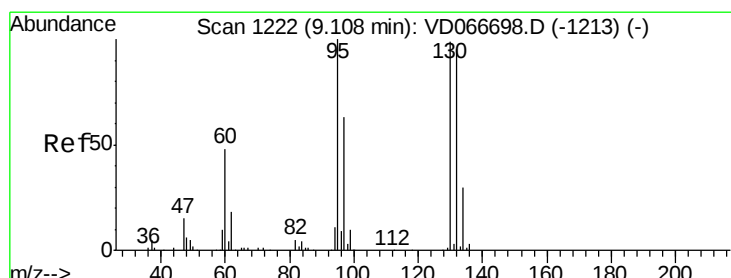
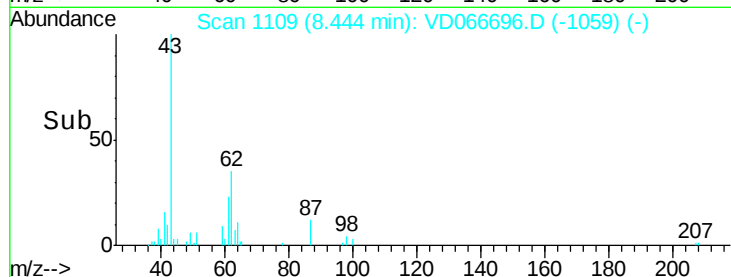
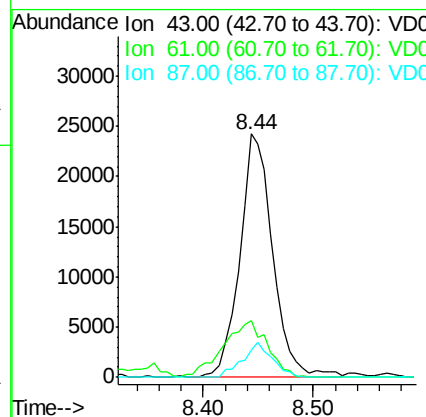
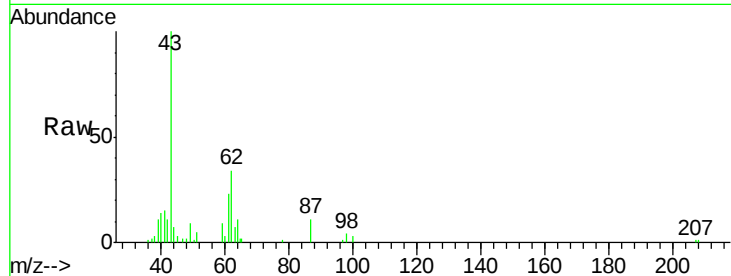
#43
Isopropyl Acetate
Concen: 10.262 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.8	37.2
87	12.9	10.4	15.6

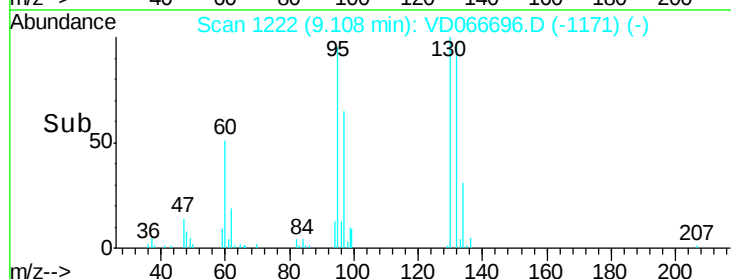
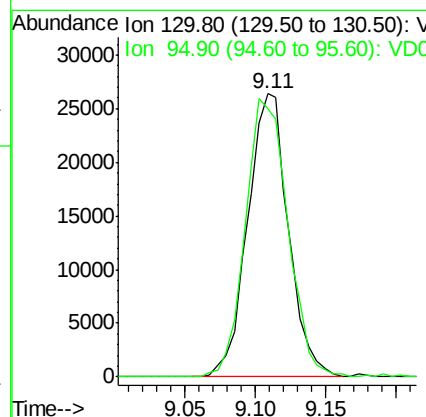
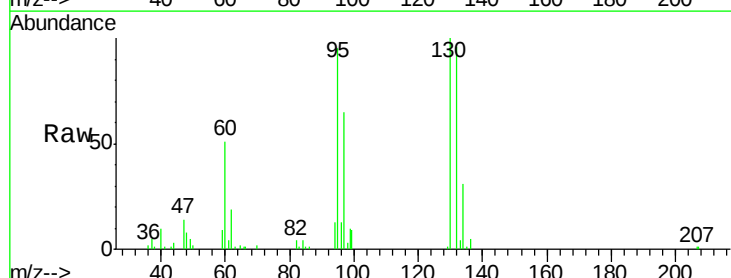
Manual Integrations
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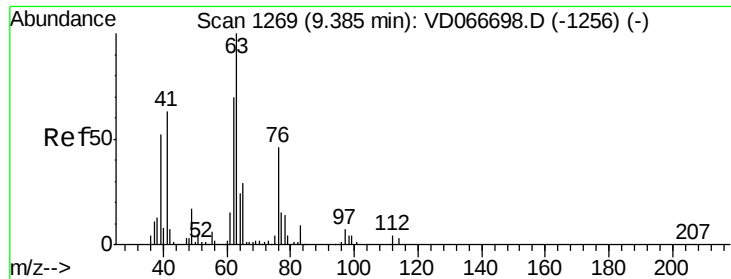
MMDadoda
9/16/2020 11:44:16 AM



#44
Trichloroethene
Concen: 10.630 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	201.4





#45

1,2-Dichloropropane

Concen: 10.489 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 48676

Ion Ratio Lower Upper

63 100

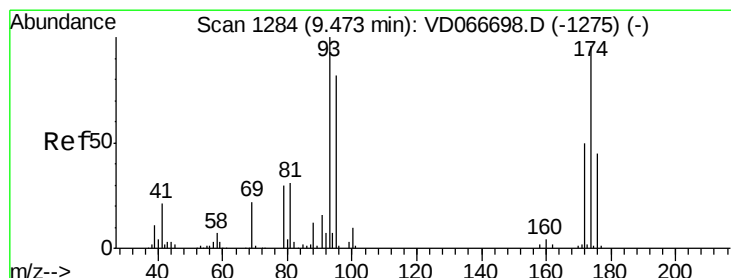
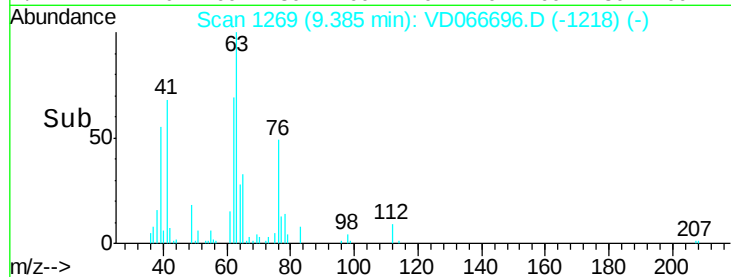
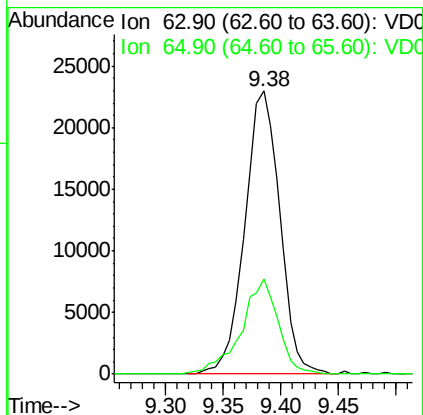
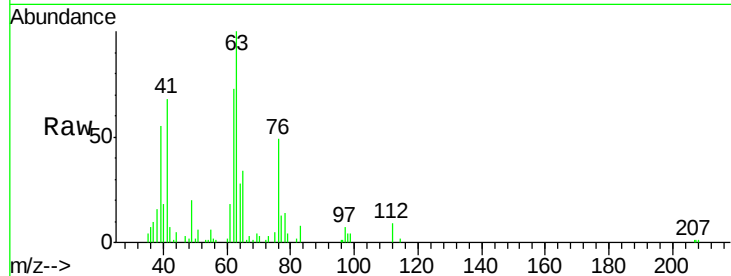
65 33.8 23.4 35.0

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#46

Dibromomethane

Concen: 10.135 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

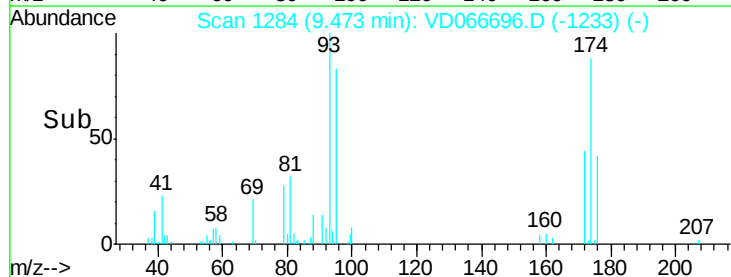
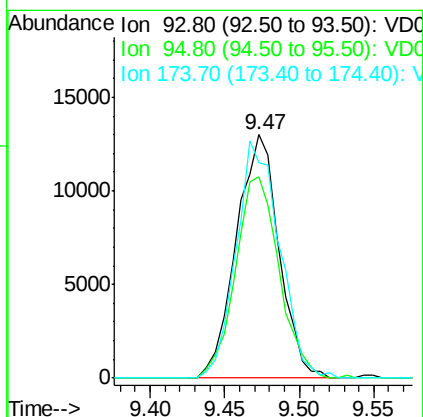
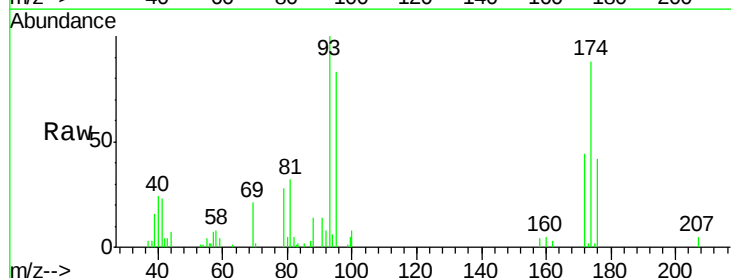
Tgt Ion: 93 Resp: 25844

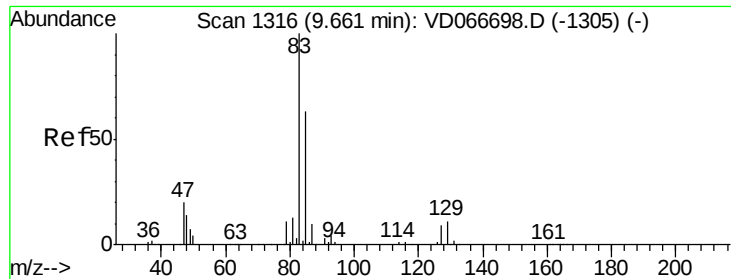
Ion Ratio Lower Upper

93 100

95 84.4 66.0 99.0

174 98.7 72.3 108.5





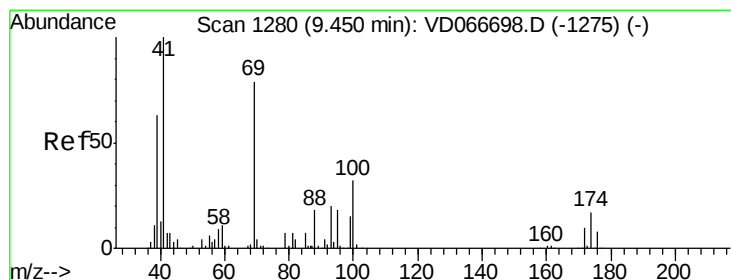
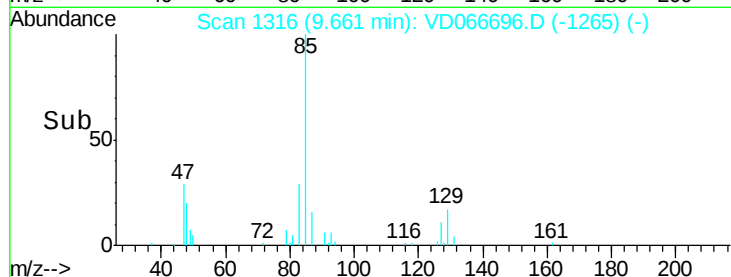
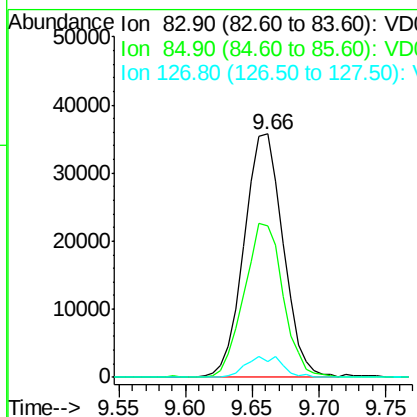
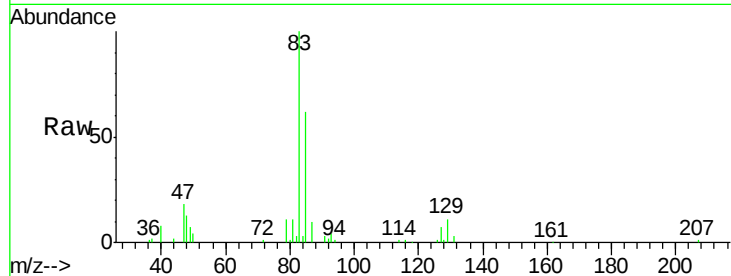
#47
Bromodichloromethane
Concen: 10.447 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
83	100	72594		
85	62.3	50.1	75.1	
127	6.6	6.9	10.3	

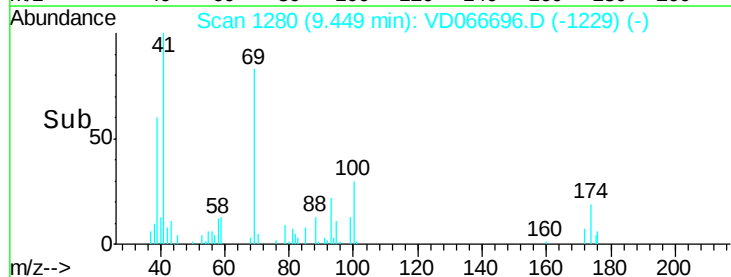
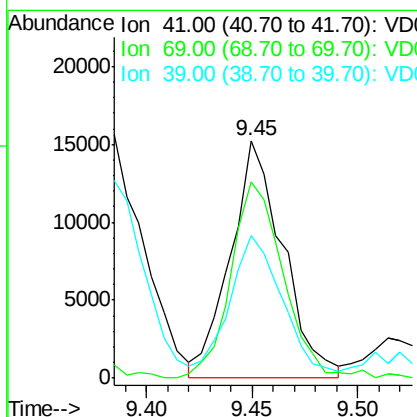
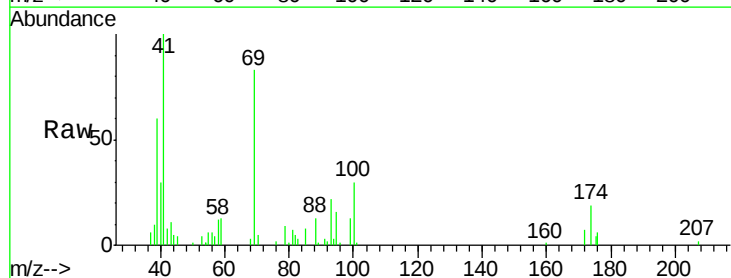
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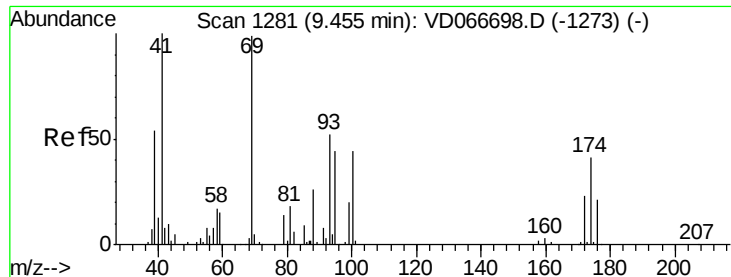
MMDadoda
9/16/2020 11:44:16 AM



#48
Methyl methacrylate
Concen: 10.424 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	26215		
69	83.3	62.4	93.6	
39	54.9	44.8	67.2	





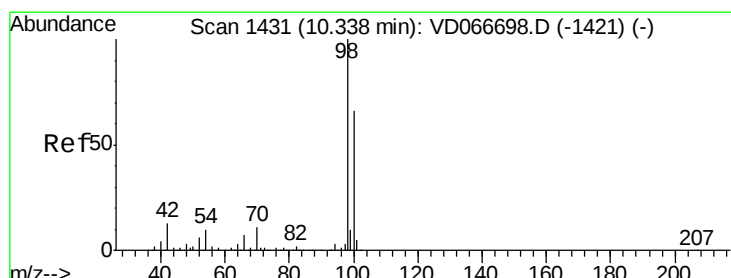
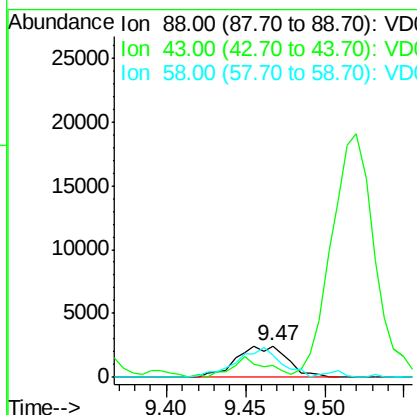
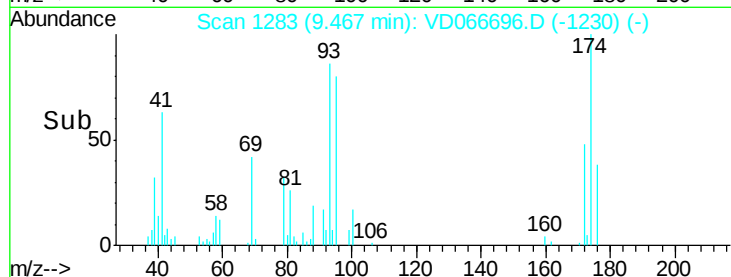
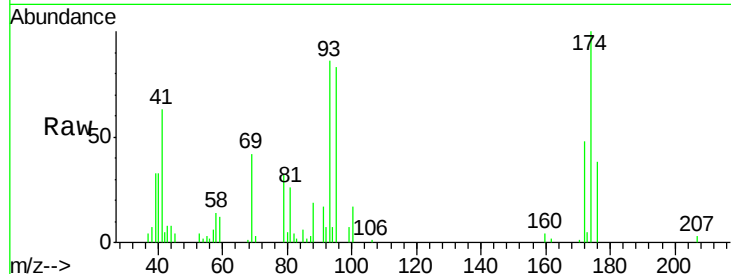
#49
1,4-Dioxane
Concen: 203.508 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	45.8	29.3	43.9#
58	82.2	51.4	77.2#

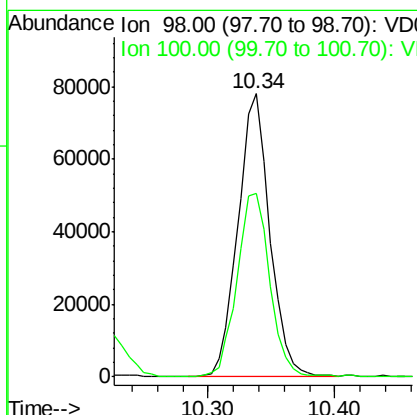
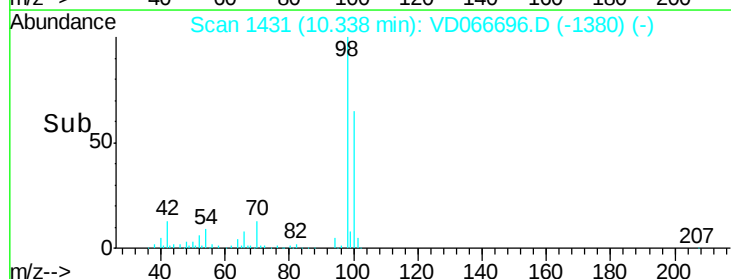
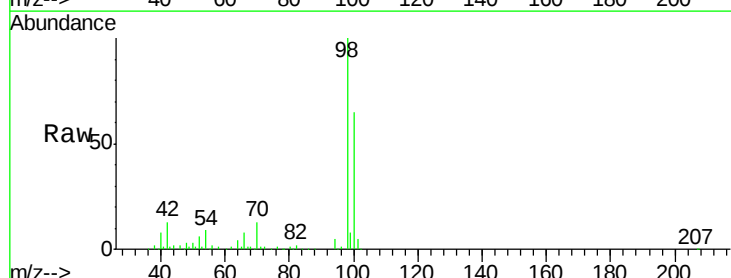
Manual Integrations
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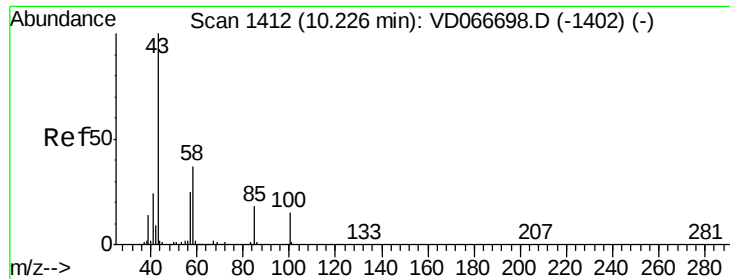
MMDadoda
9/16/2020 11:44:16 AM



#50
Toluene-d8
Concen: 9.221 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 52.131 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 132694

Ion Ratio Lower Upper

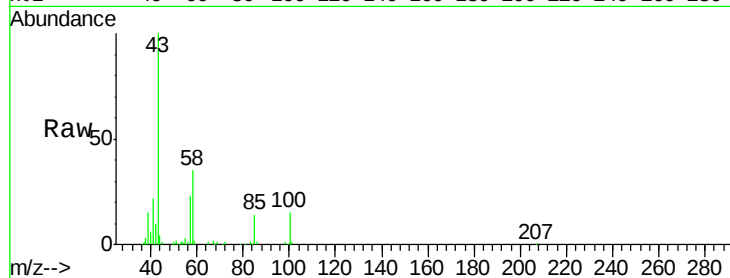
43 100

58 35.5 30.4 45.6

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9/16/2020 11:44:16 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

80000

60000

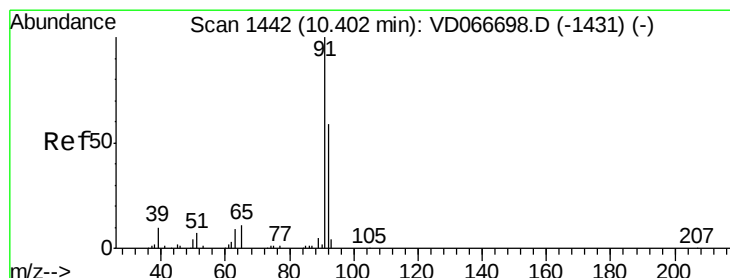
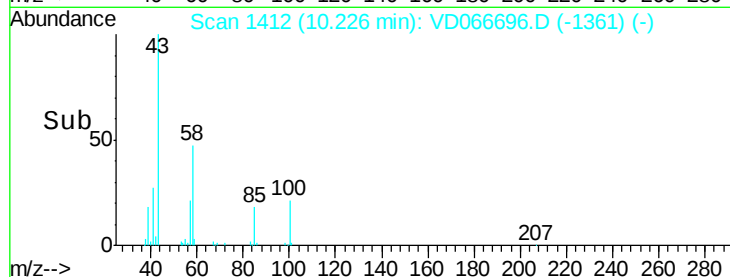
40000

20000

0

10.20 10.30

Time-->



#52

Toluene

Concen: 10.126 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066696.D

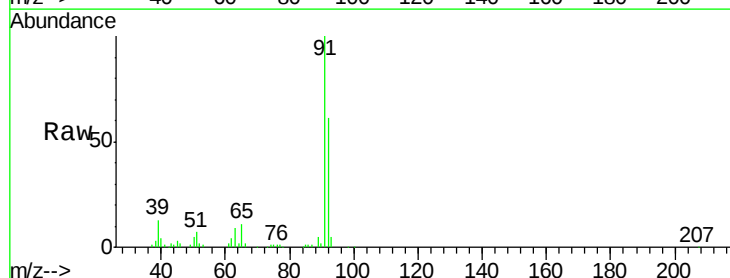
Acq: 15 Sep 2020 13:55

Tgt Ion: 92 Resp: 121764

Ion Ratio Lower Upper

92 100

91 168.6 135.8 203.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

120000

100000

80000

60000

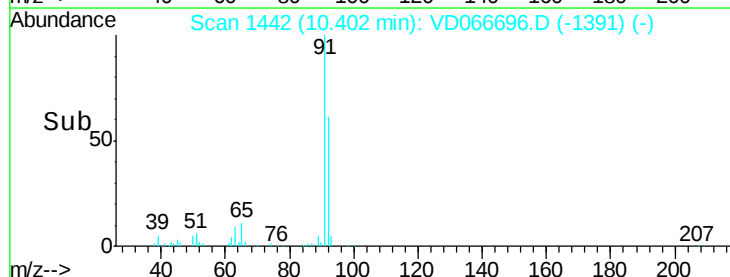
40000

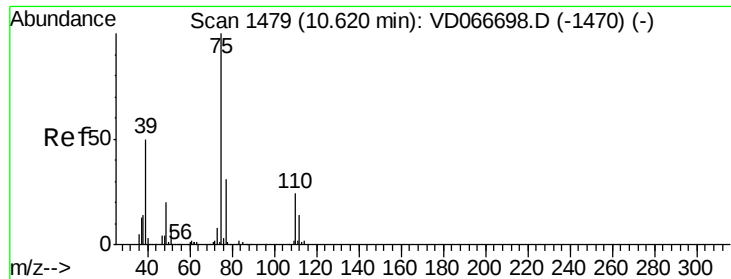
20000

0

10.30 10.40 10.50

Time-->





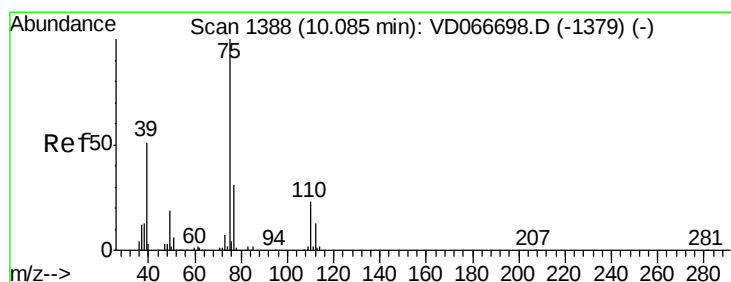
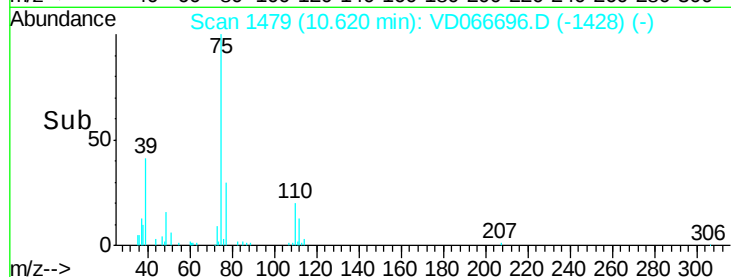
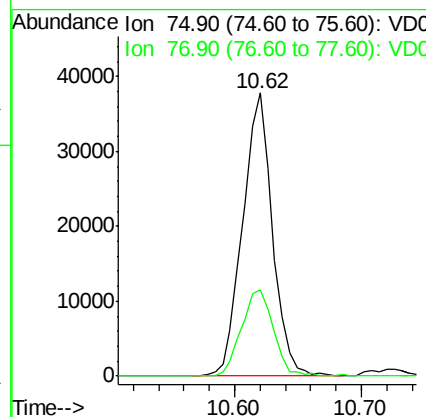
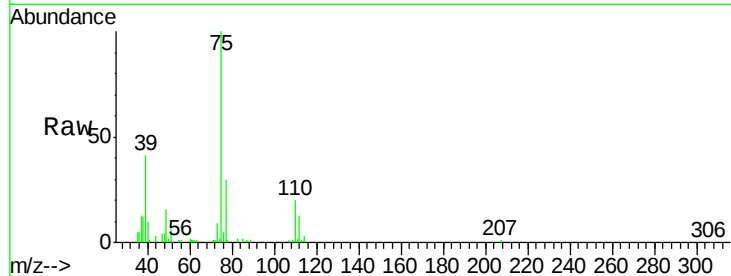
#53
t-1,3-Dichloropropene
Concen: 9.904 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.6	36.8

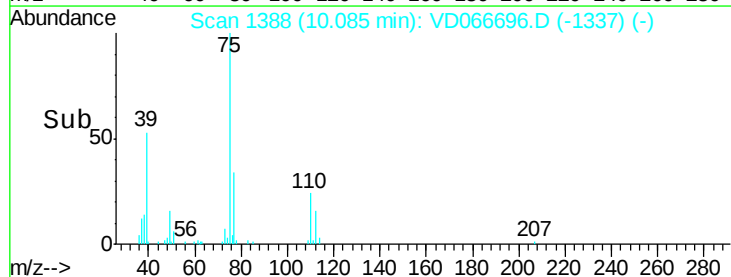
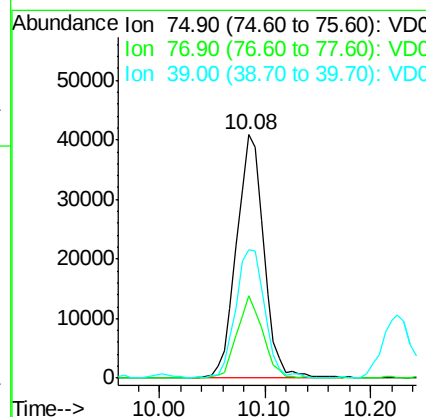
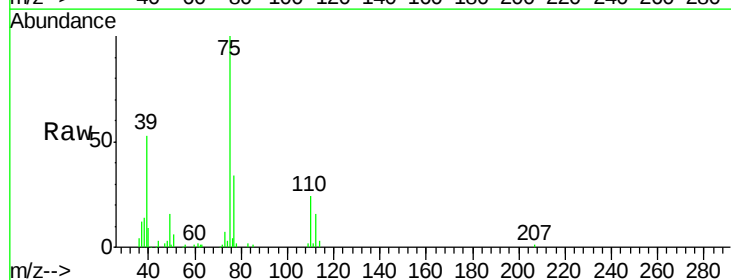
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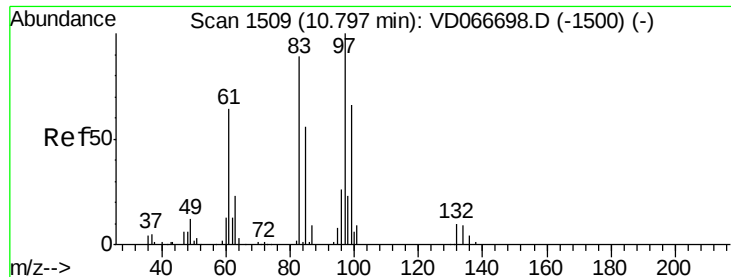
MMDadoda
9/16/2020 11:44:16 AM



#54
cis-1,3-Dichloropropene
Concen: 9.917 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.0	37.6
39	52.9	40.6	61.0





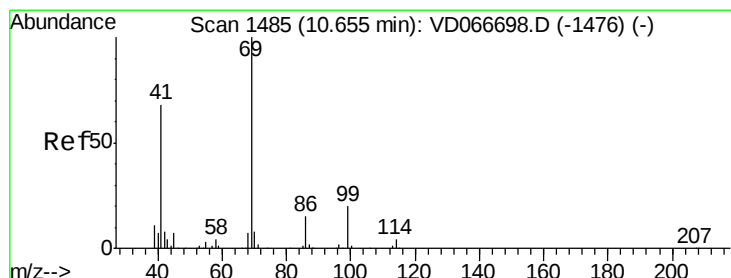
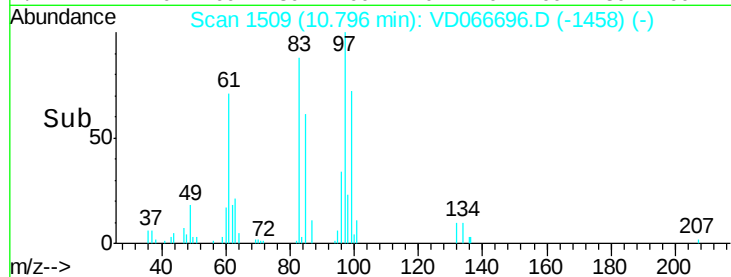
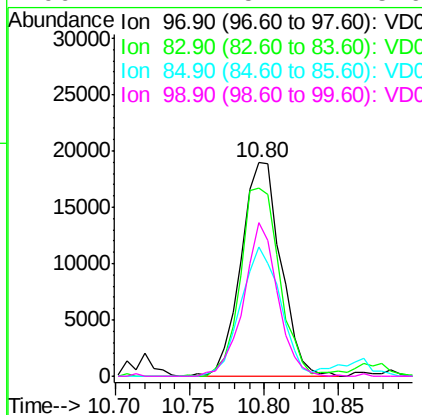
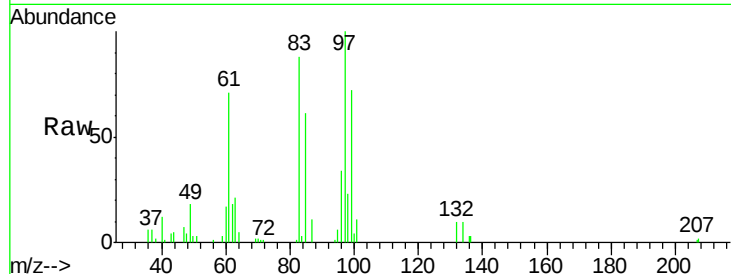
#55
 1,1,2-Trichloroethane
 Concen: 10.441 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	35103
Ion	Ratio	Lower	Upper
97	100		
83	87.0	71.4	107.2
85	60.5	44.7	67.1
99	71.7	52.4	78.6

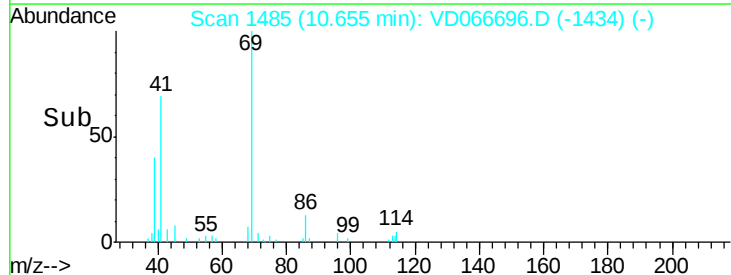
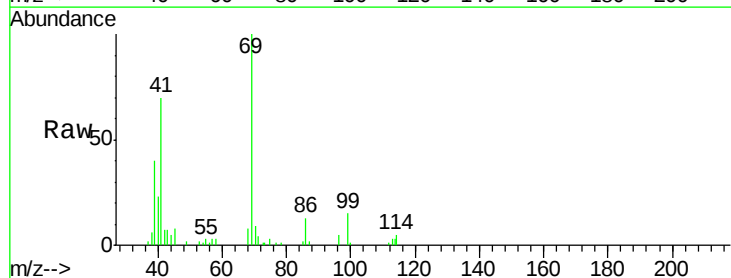
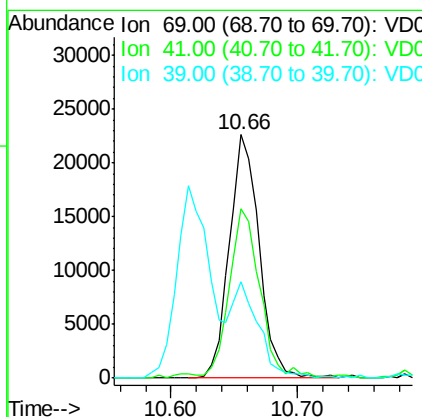
Manual Integrations
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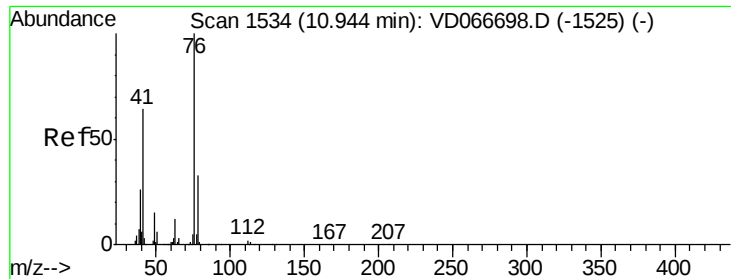
MMDadoda
 9/16/2020 11:44:16 AM



#56
 Ethyl methacrylate
 Concen: 9.633 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion:	69	Resp:	36752
Ion	Ratio	Lower	Upper
69	100		
41	73.5	55.5	83.3
39	34.8	29.7	44.5





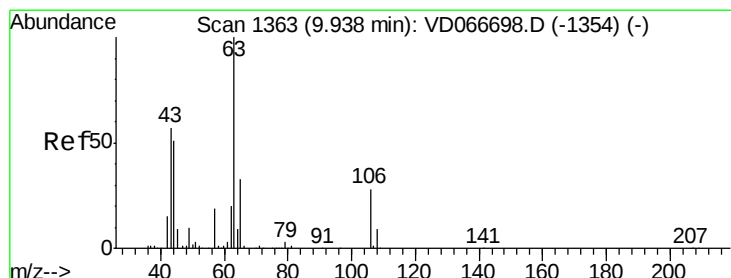
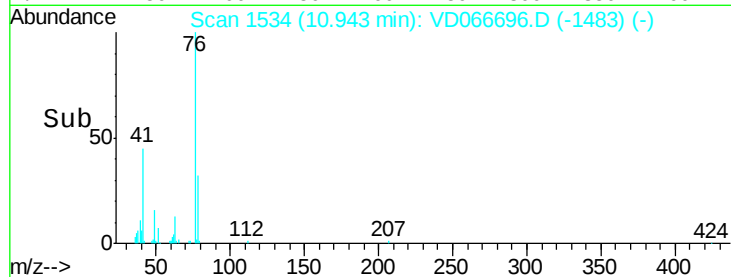
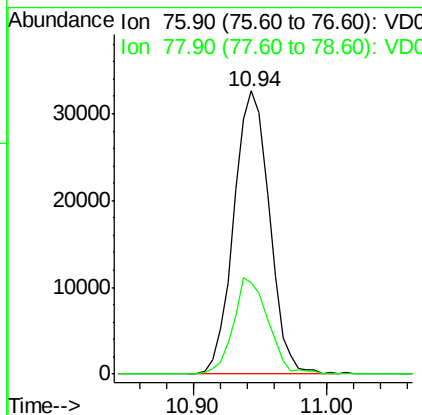
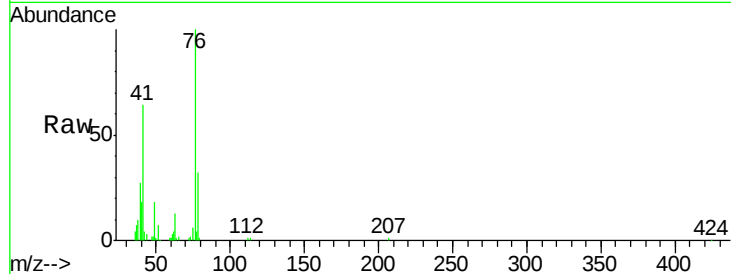
#57
 1,3-Dichloropropane
 Concen: 10.250 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.2

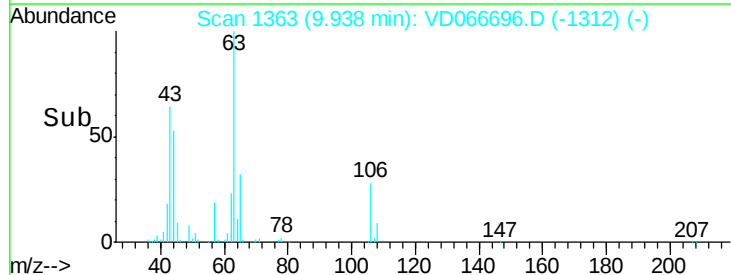
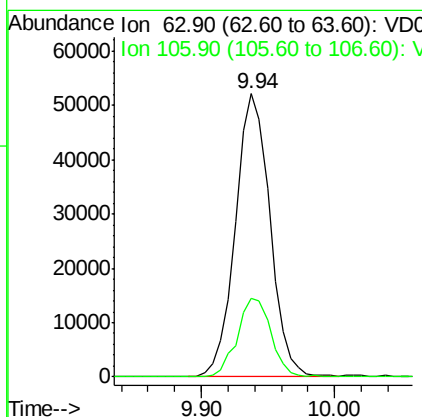
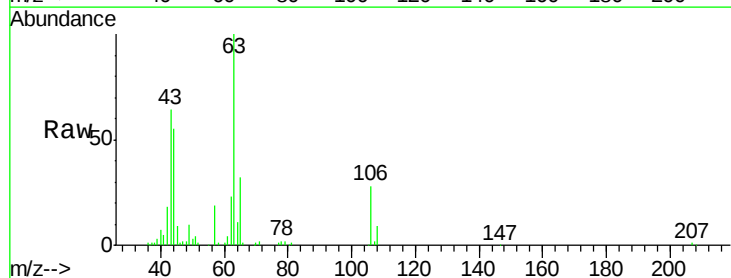
Manual Integrations
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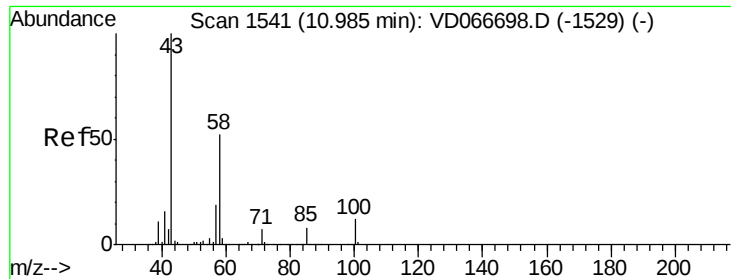
MMDadoda
 9/16/2020 11:44:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 55.793 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.2	33.4





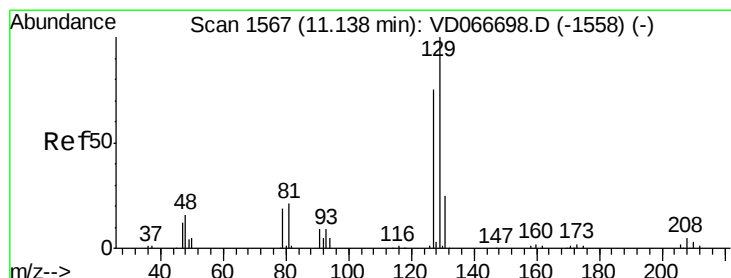
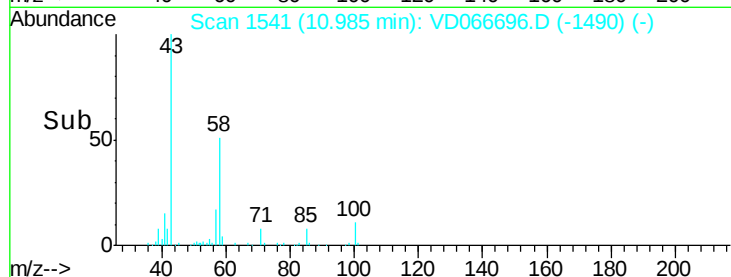
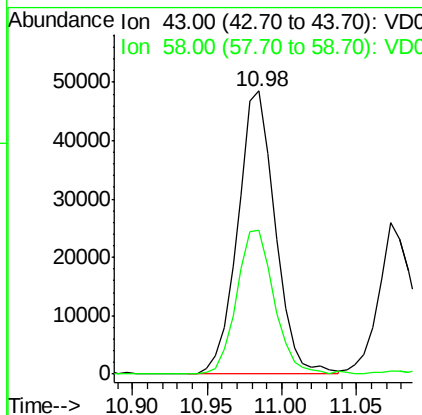
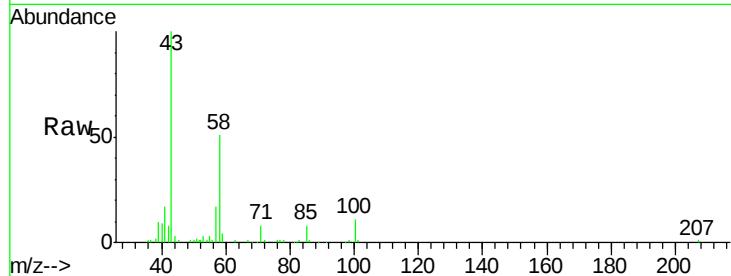
#59
2-Hexanone
Concen: 49.300 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 84317
Ion Ratio Lower Upper
43 100
58 51.1 26.2 78.5

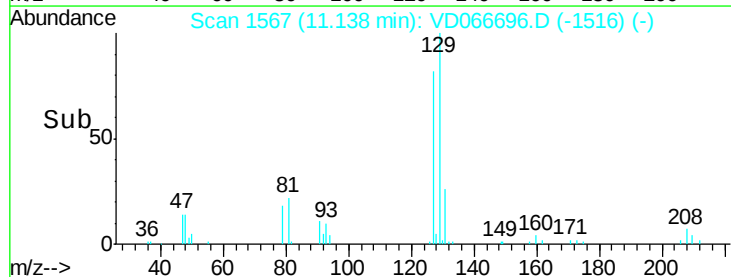
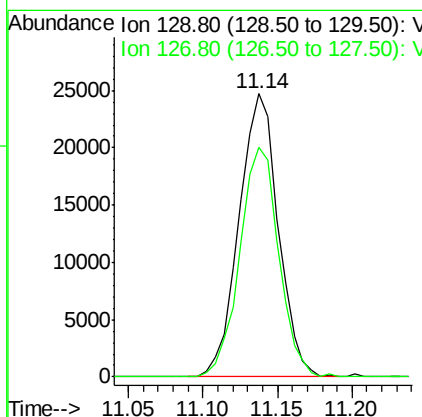
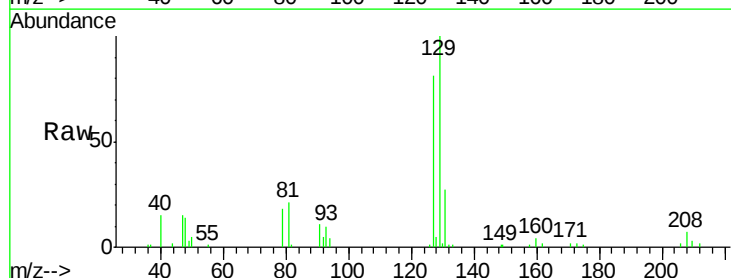
Manual Integrations
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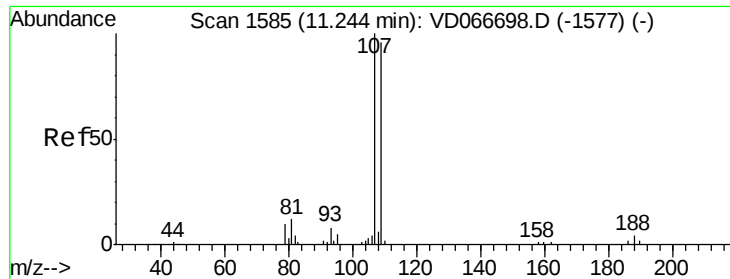
MMDadoda
9/16/2020 11:44:16 AM



#60
Dibromochloromethane
Concen: 10.251 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 129 Resp: 44910
Ion Ratio Lower Upper
129 100
127 80.6 38.1 114.3





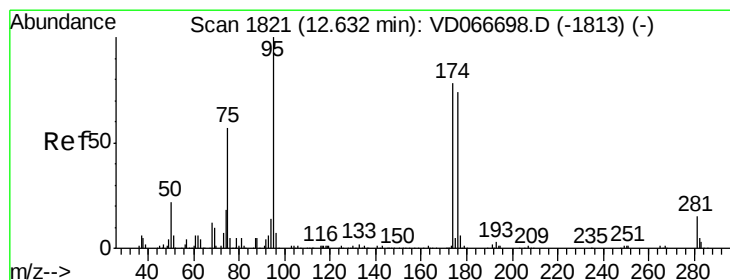
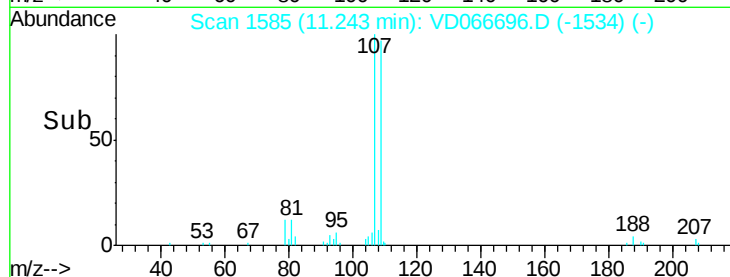
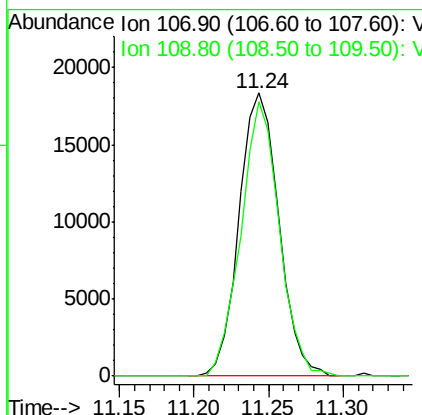
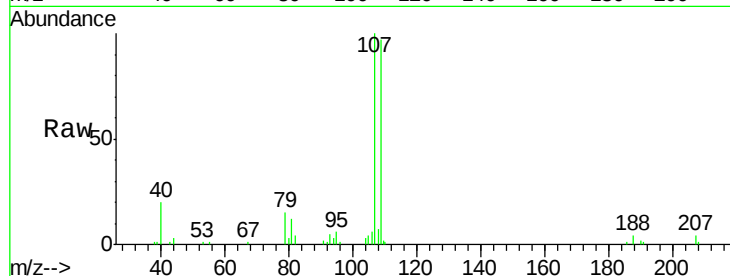
#61
1,2-Dibromoethane
Concen: 10.523 ug/l
RT: 11.24 min Scan# 1585
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 107 Resp: 33937
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4

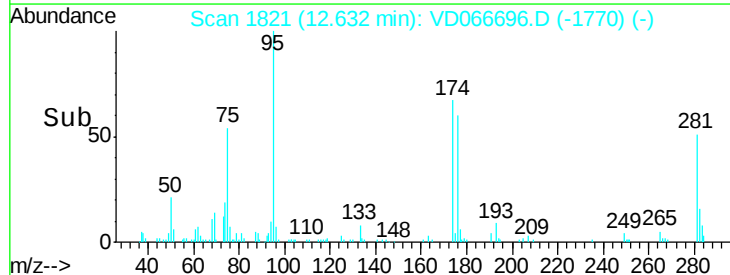
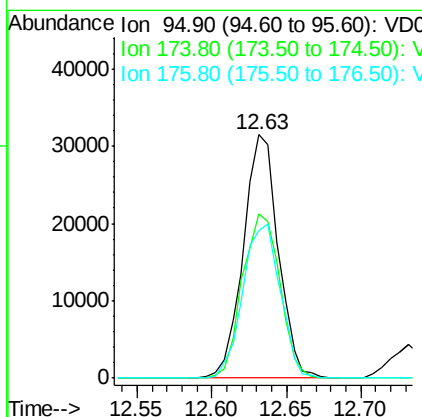
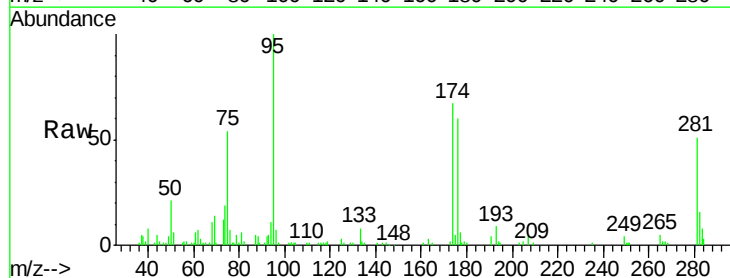
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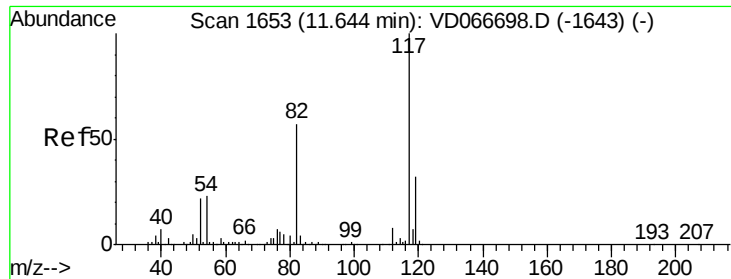
MMDadoda
9/16/2020 11:44:16 AM



#62
4-Bromofluorobenzene
Concen: 10.001 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion: 95 Resp: 50887
Ion Ratio Lower Upper
95 100
174 71.9 0.0 156.6
176 67.7 0.0 150.2





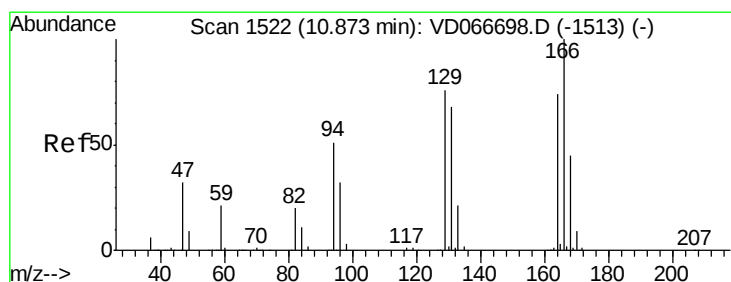
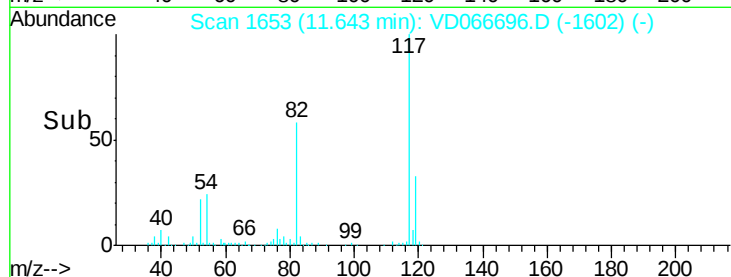
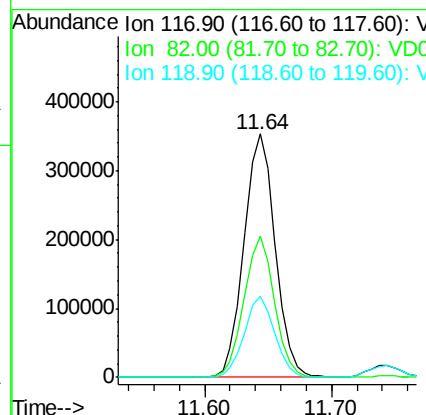
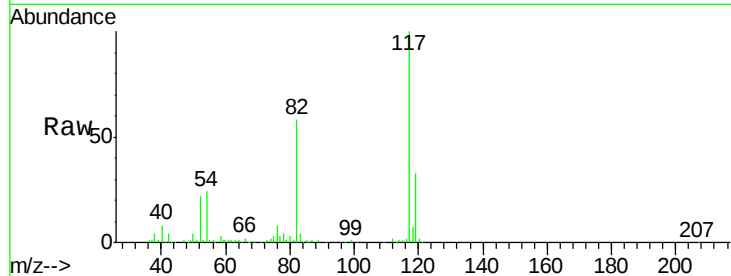
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	603885		
82	57.8		45.4	68.0
119	33.2		25.8	38.6

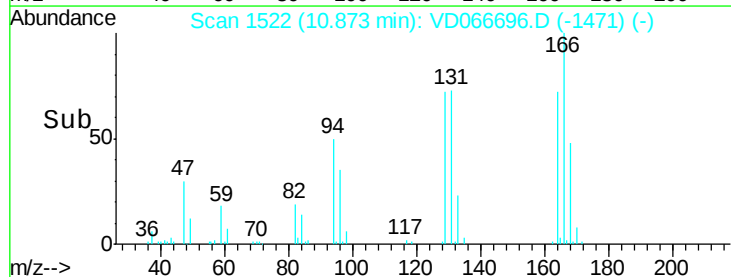
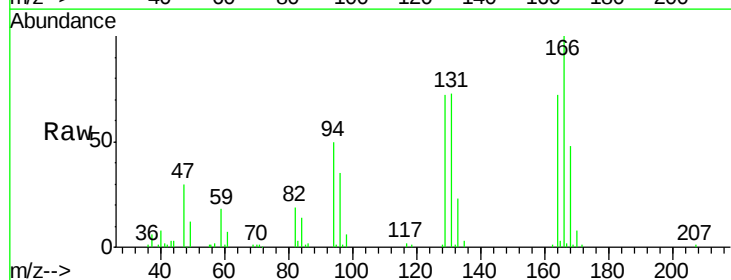
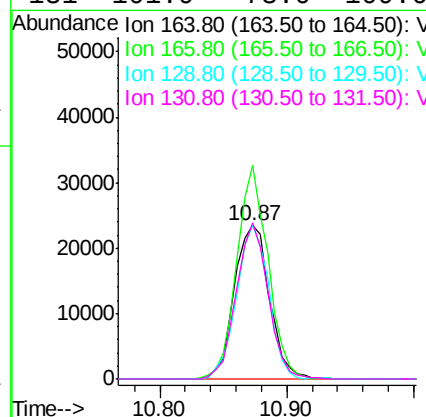
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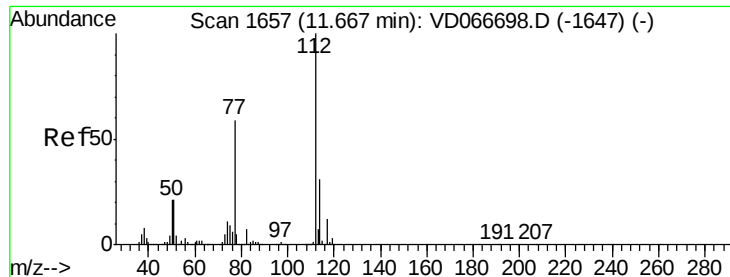
MMDadoda
9/16/2020 11:44:16 AM



#64
Tetrachloroethene
Concen: 10.906 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44958		
166	139.1		107.5	161.3
129	100.4		81.4	122.0
131	101.9		73.0	109.6





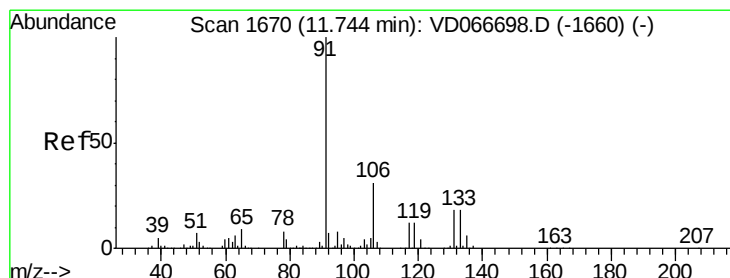
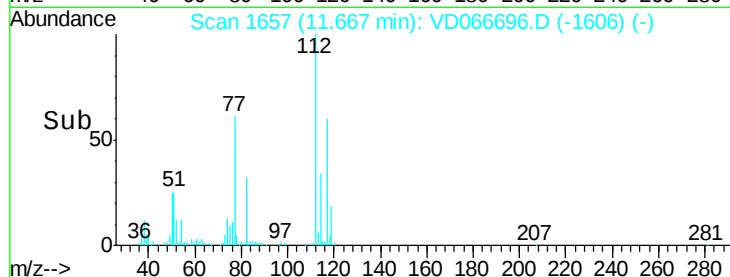
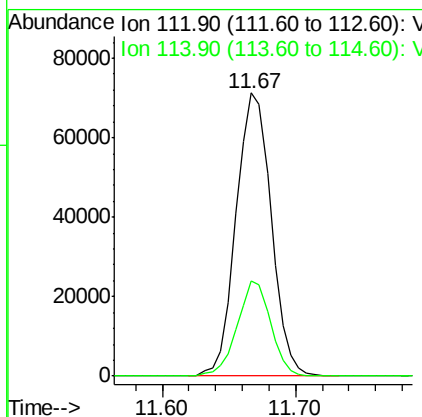
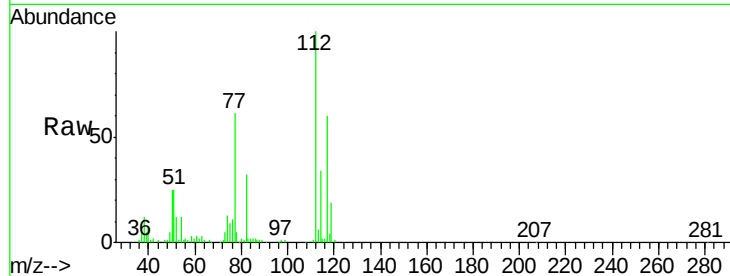
#65
Chlorobenzene
Concen: 10.402 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 130059
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.6

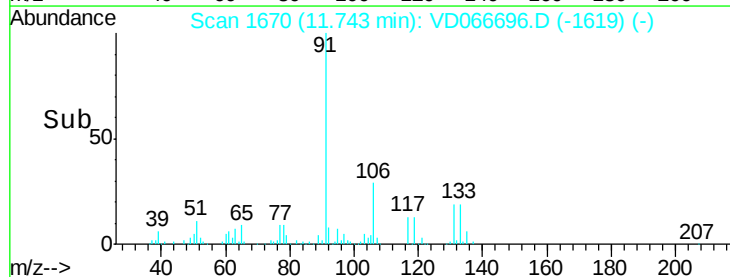
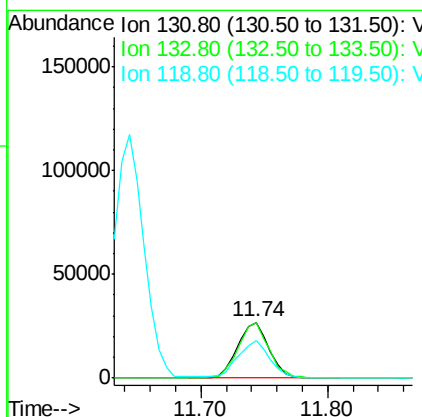
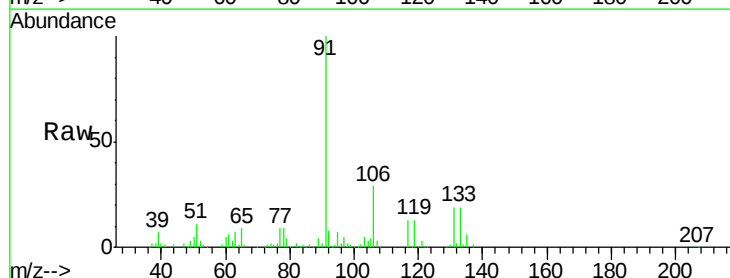
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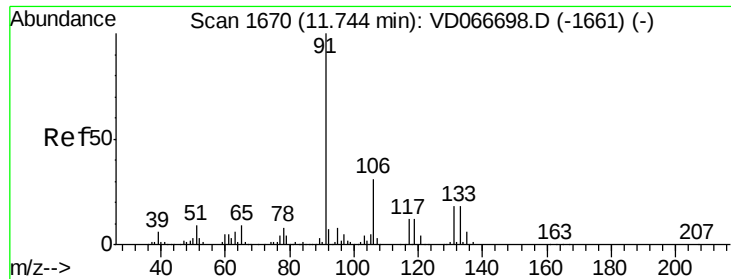
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.045 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion:131 Resp: 46340
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.3
119 67.4 33.6 100.8





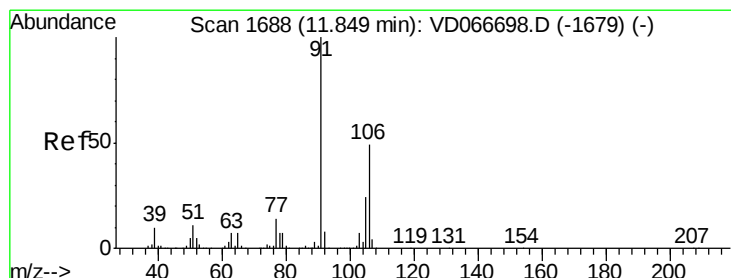
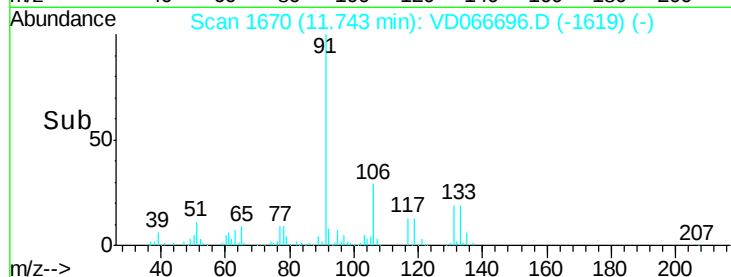
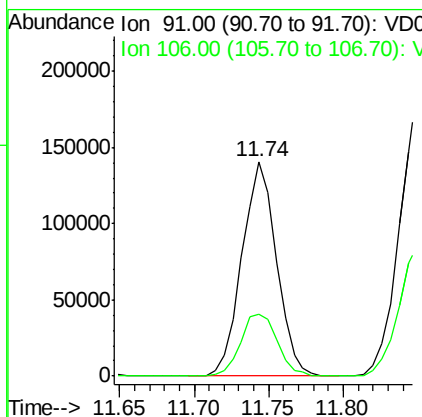
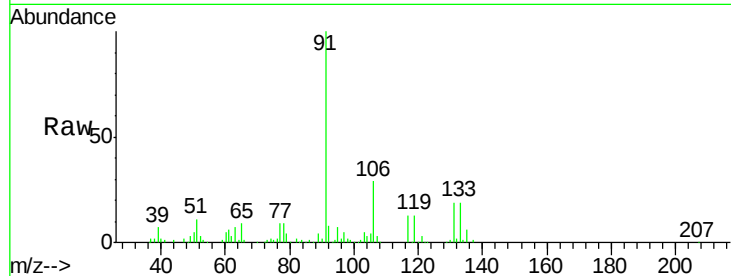
#67
Ethyl Benzene
Concen: 9.984 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.0	25.1	37.7

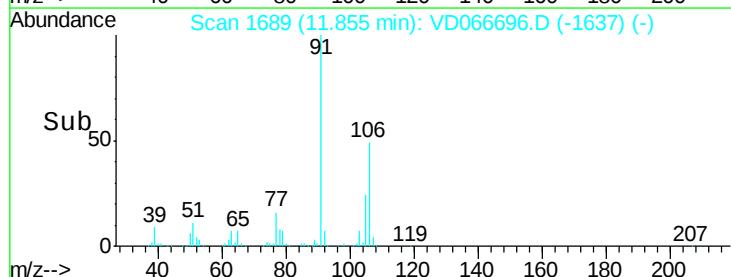
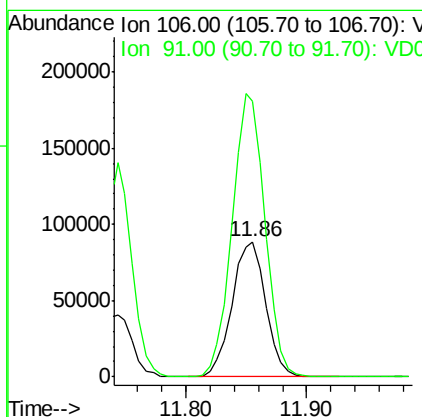
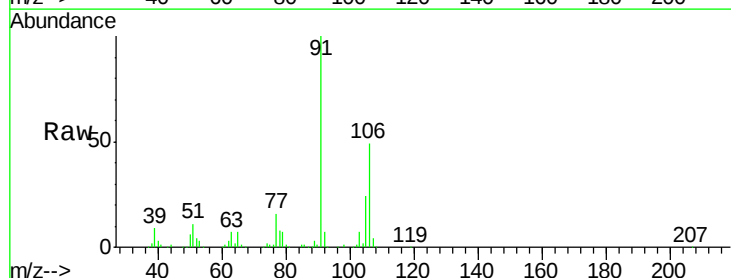
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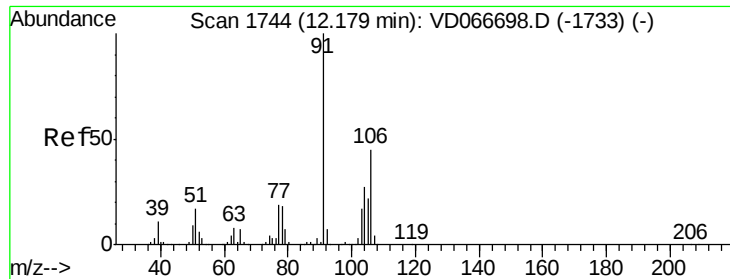
MMDadoda
9/16/2020 11:44:16 AM



#68
m/p-Xylenes
Concen: 20.038 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.4	164.8	247.2





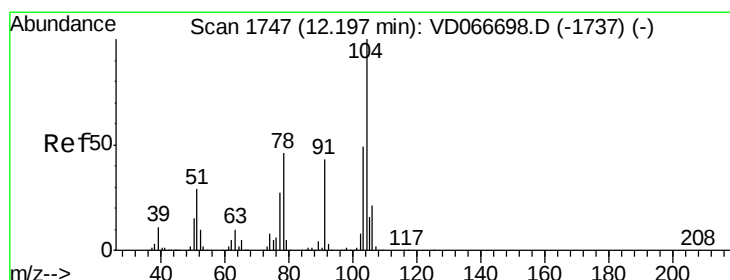
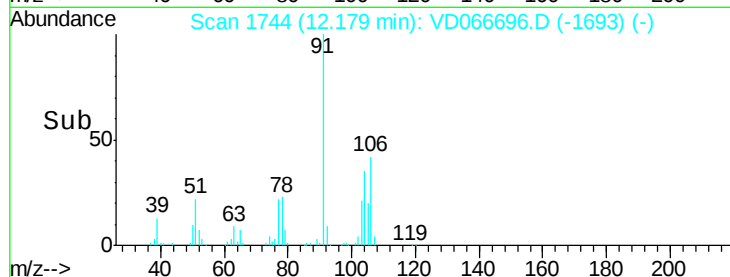
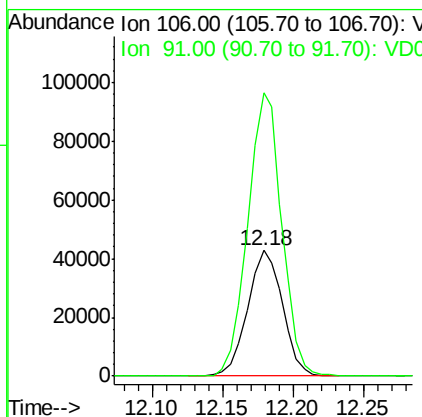
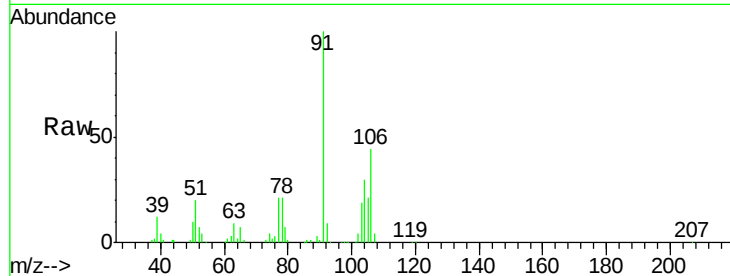
#69
o-Xylene
Concen: 9.802 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleID :
VSTDIC010

Tot Ion:106 Resp: 74144
Ion Ratio Lower Upper
106 100
91 219.9 109.4 328.2

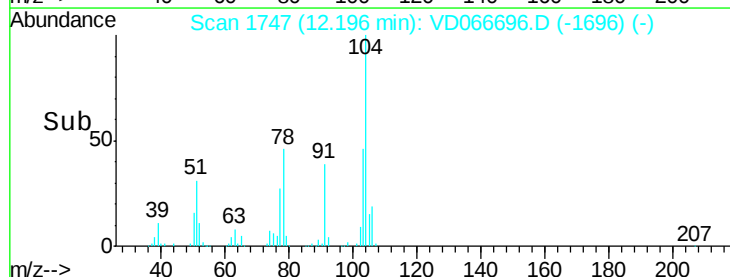
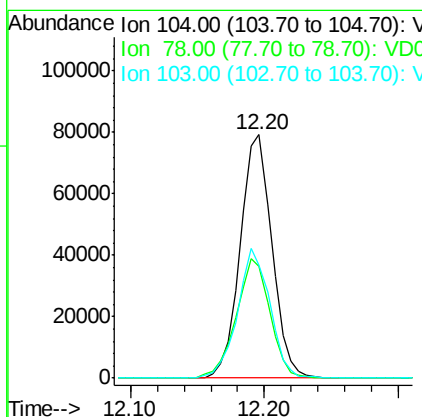
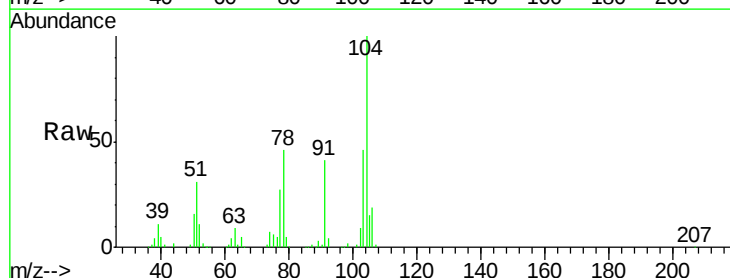
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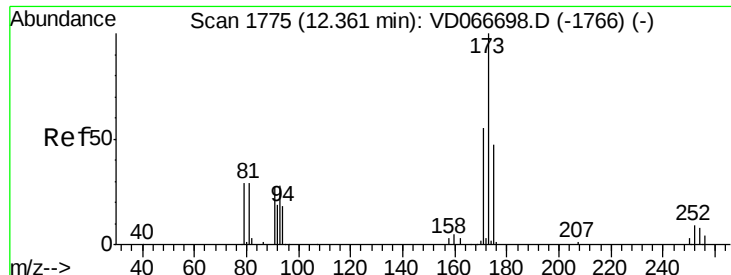
MMDadoda
9/16/2020 11:44:16 AM



#70
Styrene
Concen: 9.798 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion:104 Resp: 130444
Ion Ratio Lower Upper
104 100
78 52.2 40.2 60.4
103 54.3 42.5 63.7





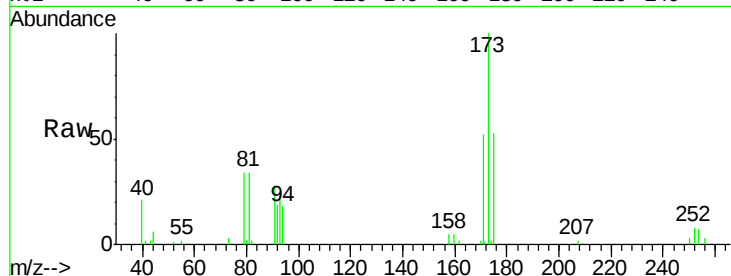
#71
Bromoform
Concen: 10.457 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

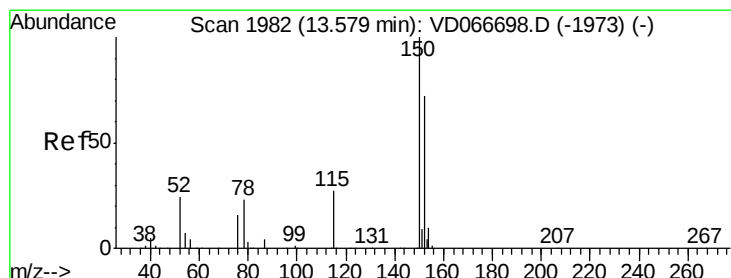
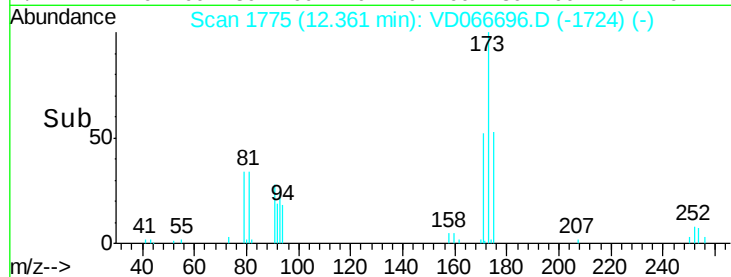
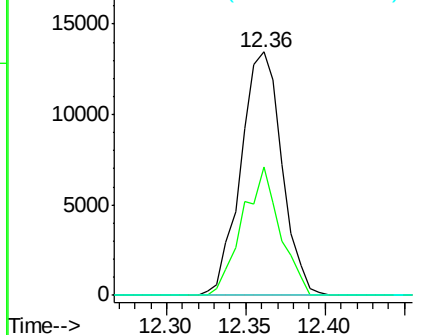
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.8
254	0.0	0.1	0.1#

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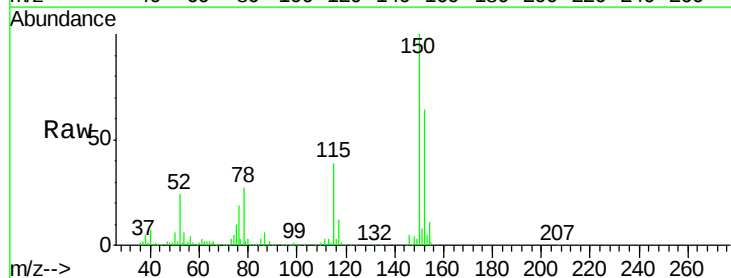


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

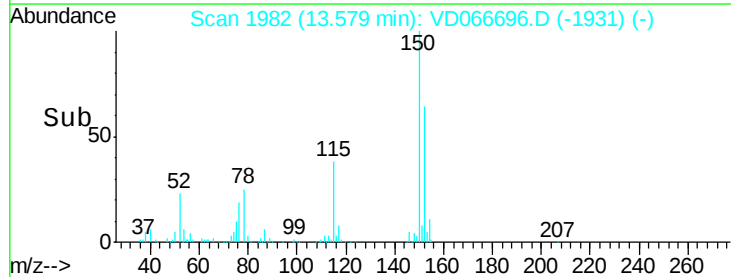
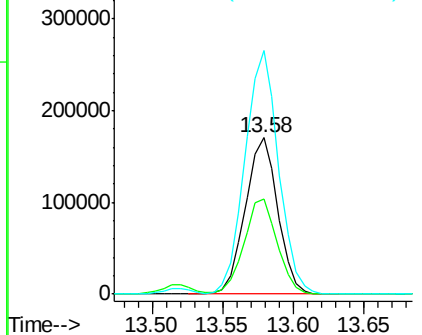


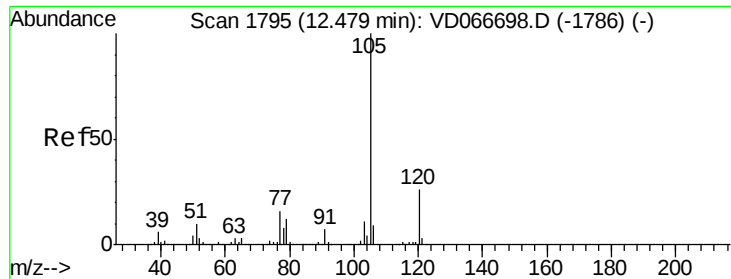
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.5	91.5
150	161.1	0.0	344.6



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: 9.969 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 204005

Ion Ratio Lower Upper

105 100

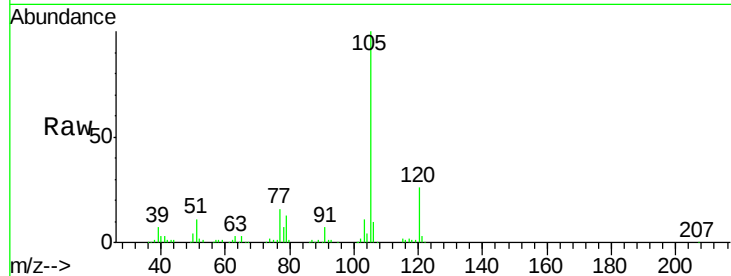
120 25.4 13.1 39.1

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9/16/2020 11:44:16 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

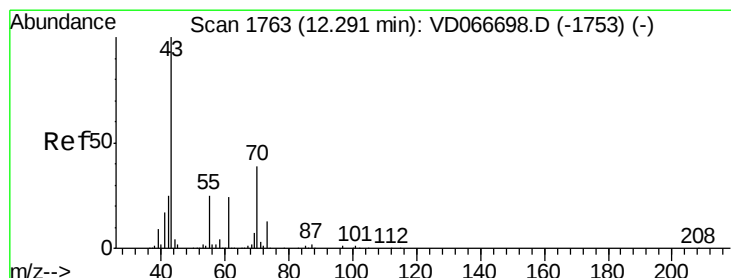
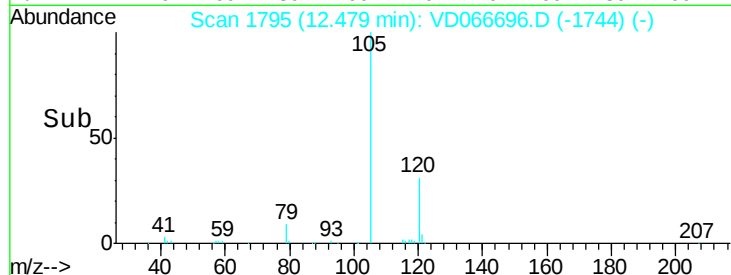
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 10.113 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Tgt Ion: 43 Resp: 43657

Ion Ratio Lower Upper

43 100

70 38.9 33.0 49.4

55 28.4 20.6 30.8

61 23.0 19.1 28.7

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

40000

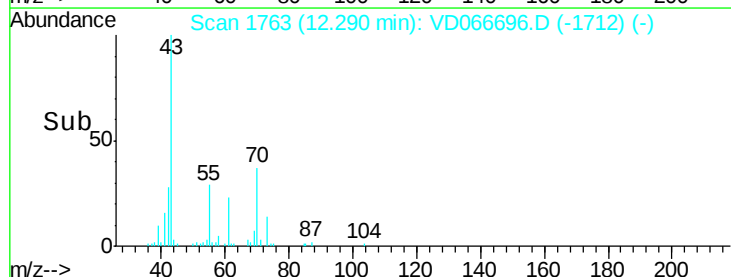
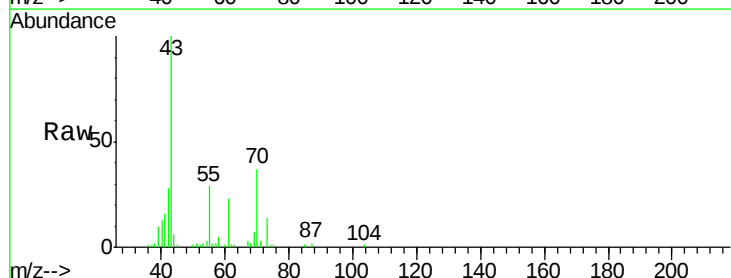
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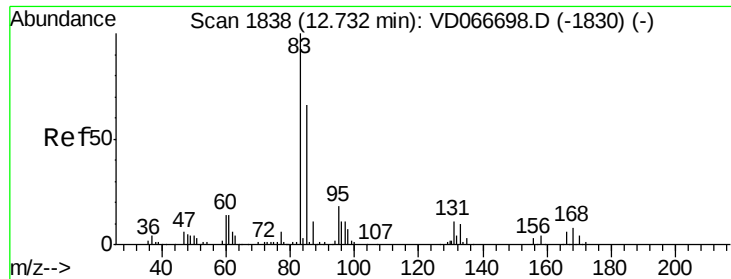
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 10.722 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

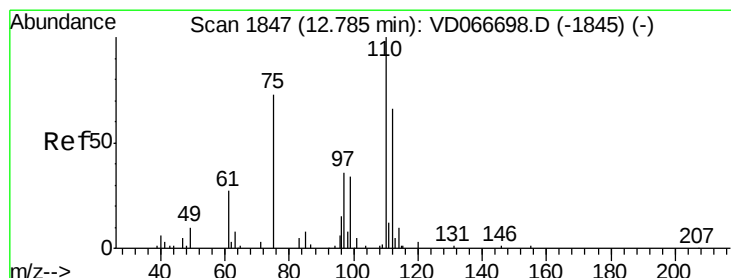
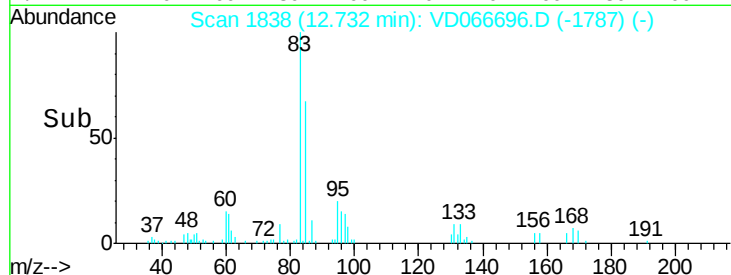
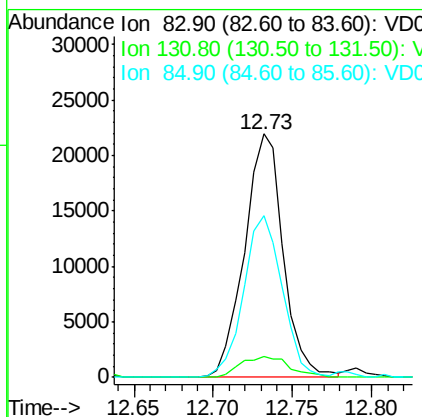
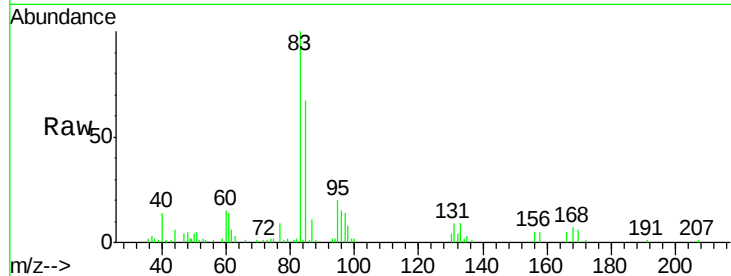
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	37286
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.8	17.3
85	66.1	33.3	99.8

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#76

1,2,3-Trichloropropane

Concen: 10.369 ug/l m

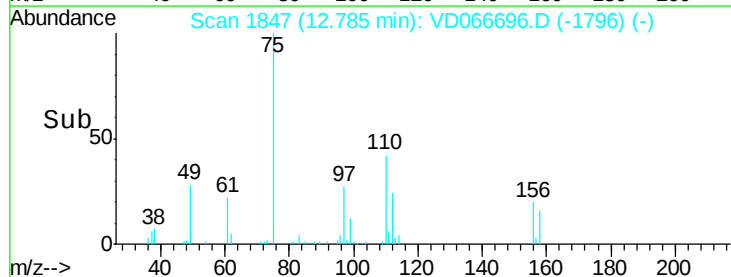
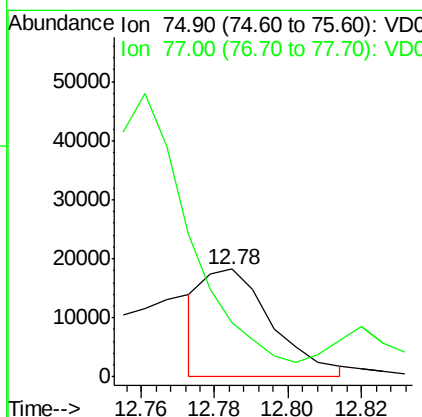
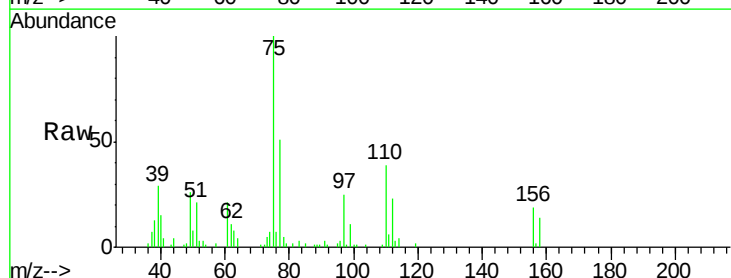
RT: 12.78 min Scan# 1847

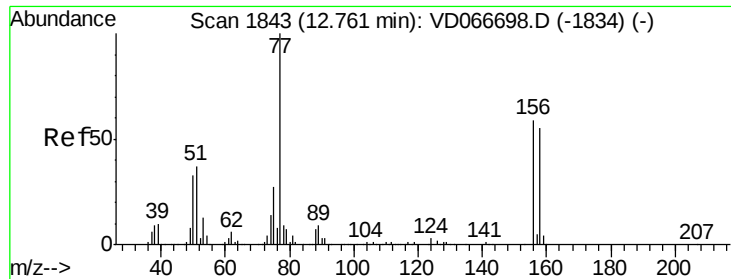
Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Tgt Ion:	75	Resp:	24058
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.358 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

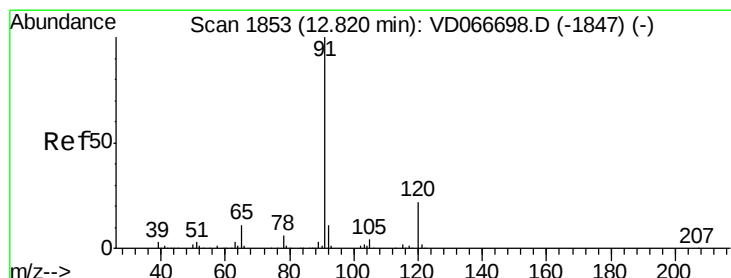
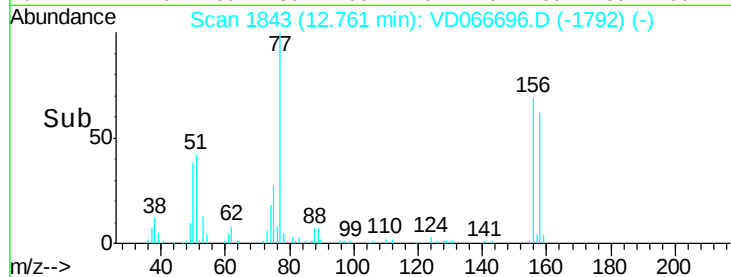
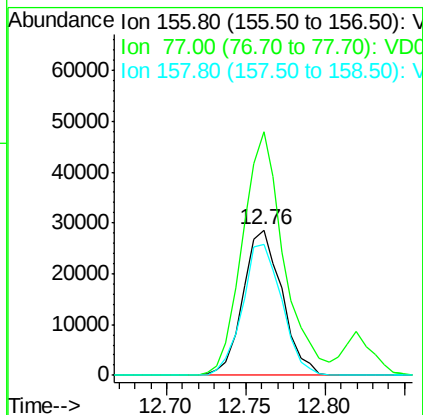
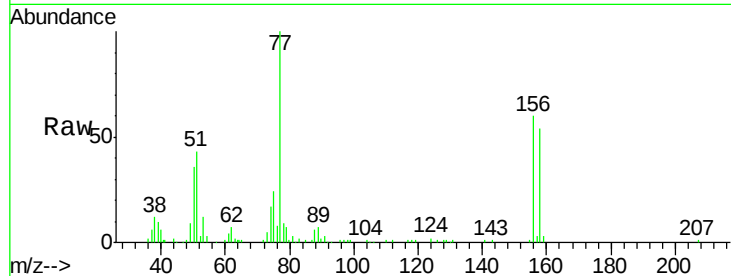
ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 48857
 Ion Ratio Lower Upper
 156 100
 77 177.4 95.8 287.3
 158 91.1 48.4 145.0

Manual Integrations
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 9/16/2020 11:44:16 AM



#78

n-propylbenzene

Concen: 10.077 ug/l

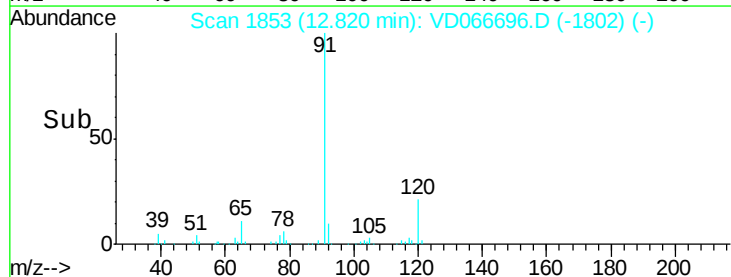
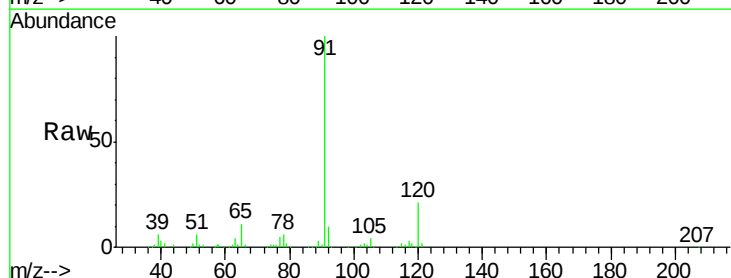
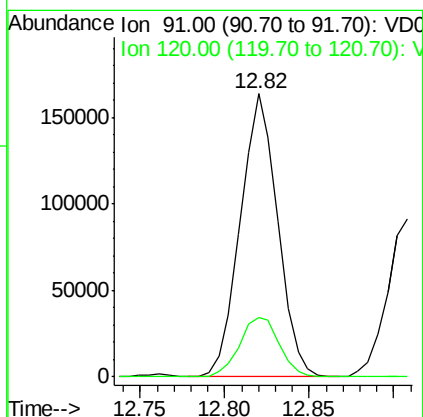
RT: 12.82 min Scan# 1853

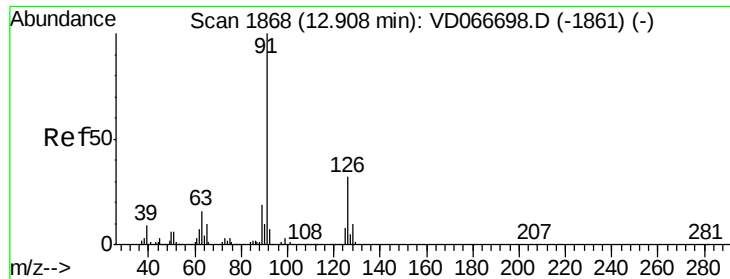
Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Tgt Ion: 91 Resp: 251380
 Ion Ratio Lower Upper
 91 100
 120 22.6 10.9 32.9





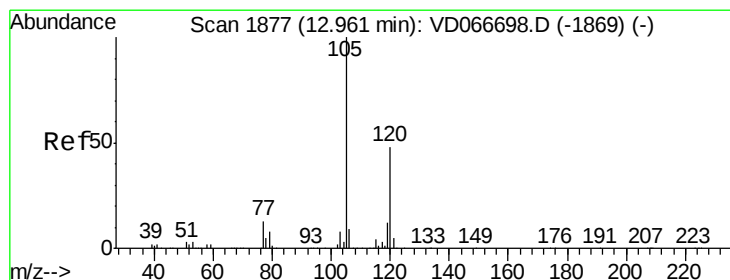
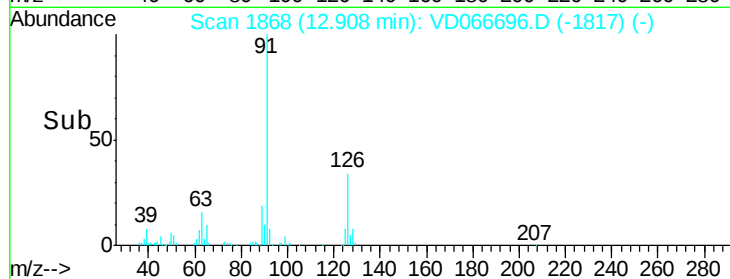
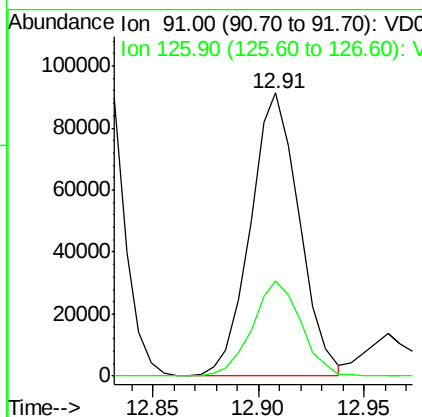
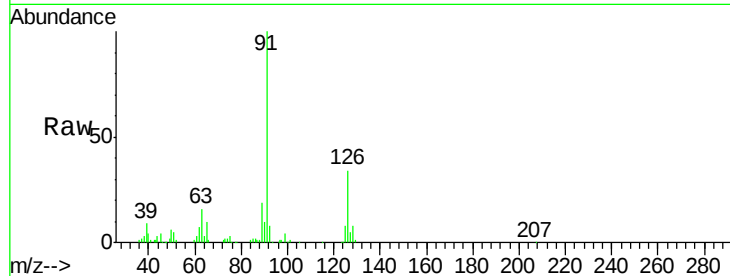
#79
2-Chlorotoluene
Concen: 10.362 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.2	48.6

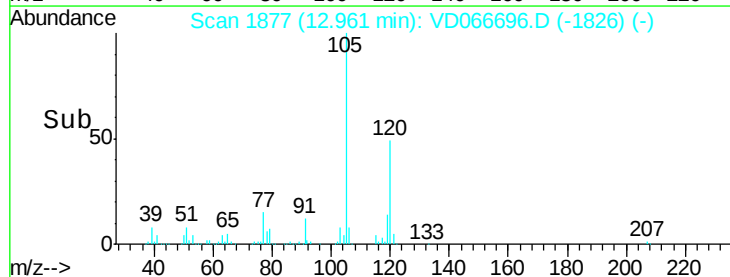
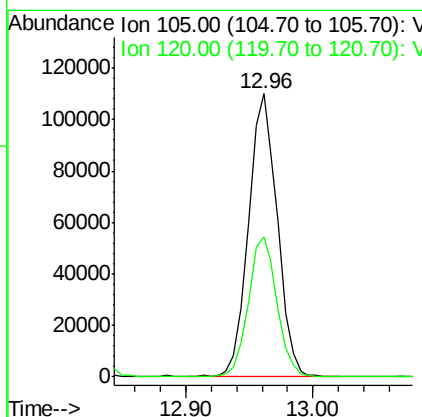
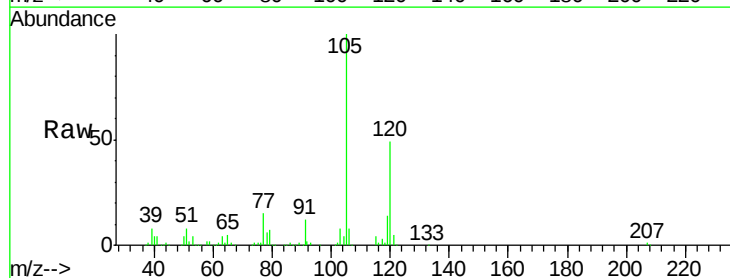
Manual Integrations
APPROVED

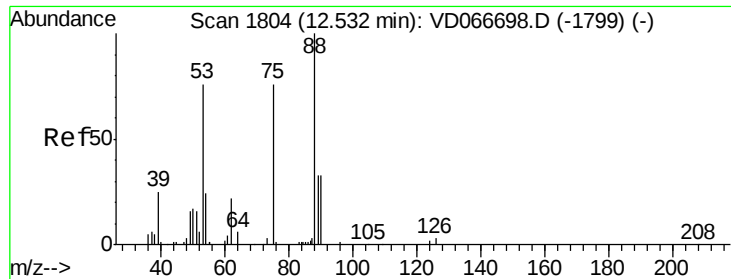
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#80
1,3,5-Trimethylbenzene
Concen: 10.043 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	23.9	71.7





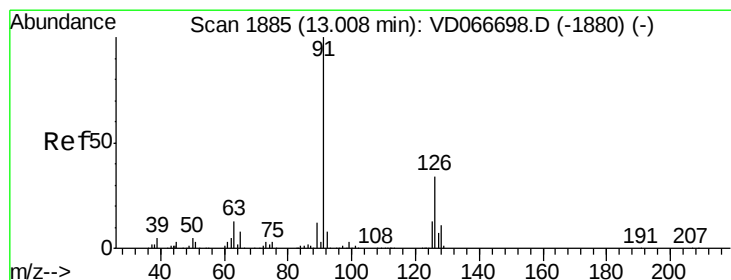
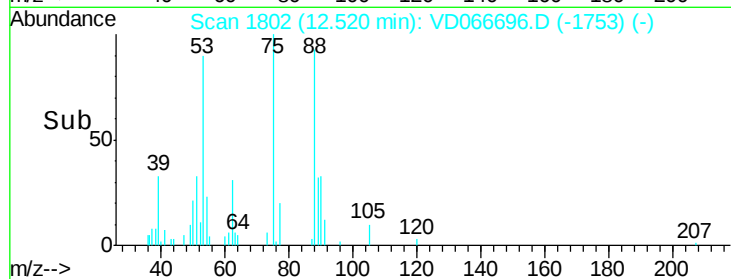
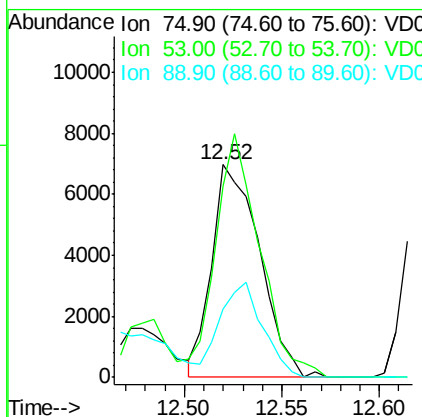
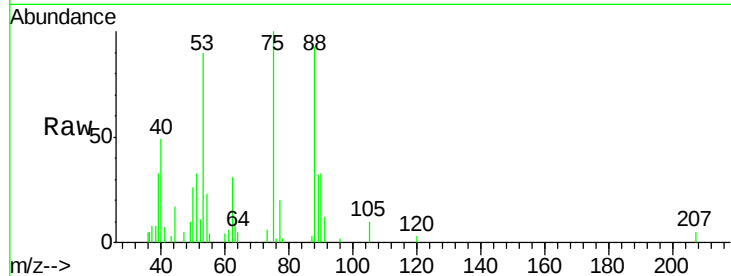
#81
trans-1,4-Dichloro-2-butene
Concen: 10.906 ug/l
RT: 12.52 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.4	82.2	123.4
89	39.7	39.6	59.4

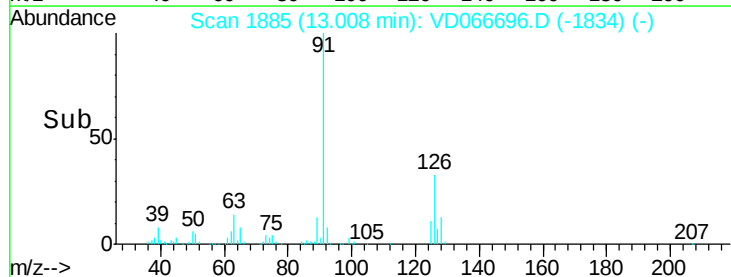
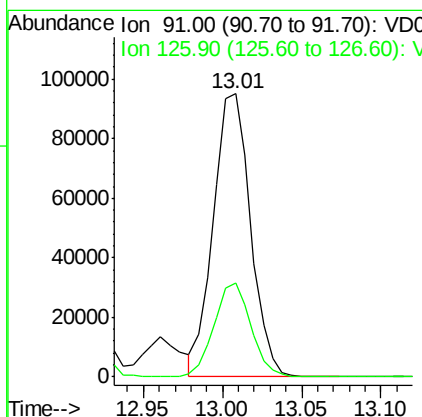
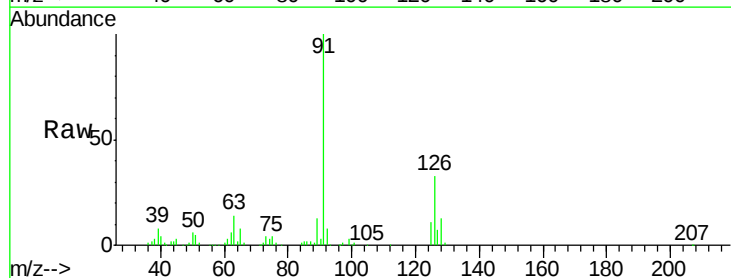
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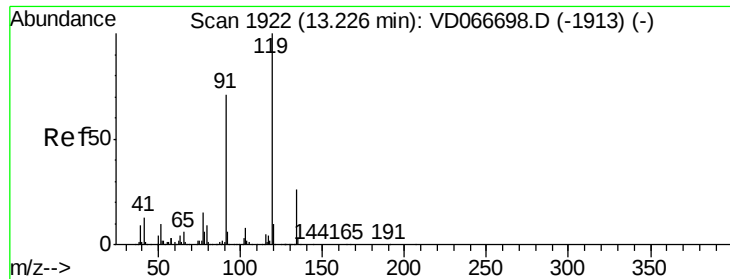
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#82
4-Chlorotoluene
Concen: 10.411 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.8	50.4





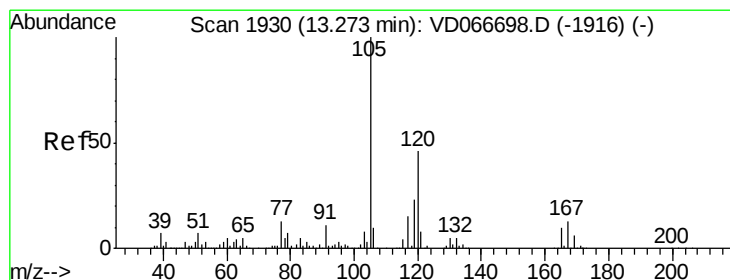
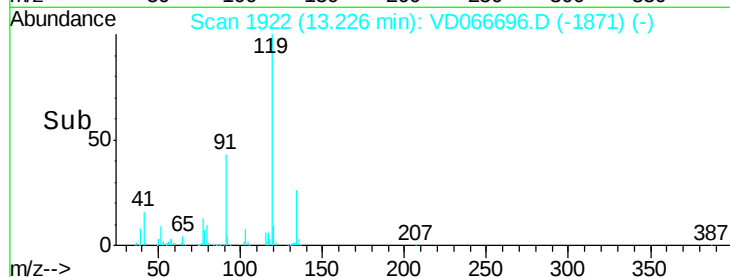
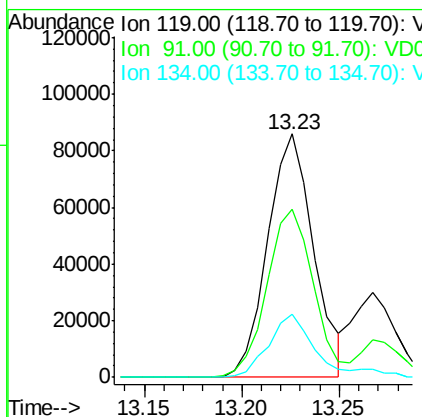
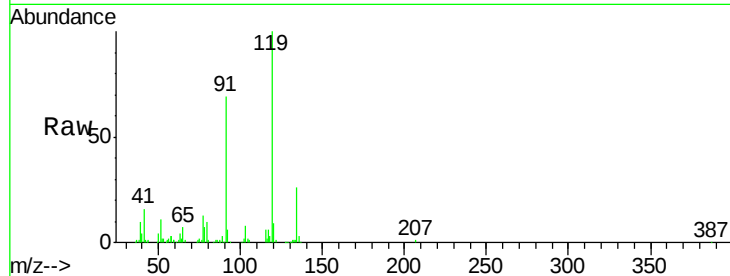
#83
tert-Butylbenzene
Concen: 9.845 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.5	35.0	105.1
134	27.0	13.6	40.8

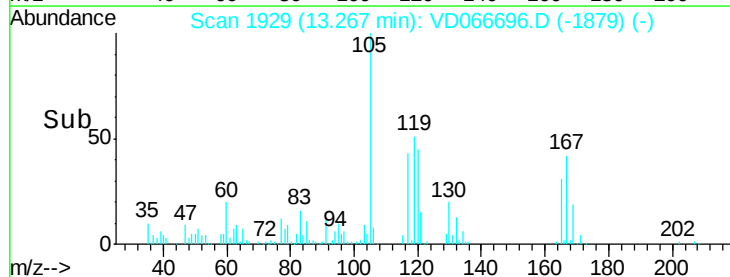
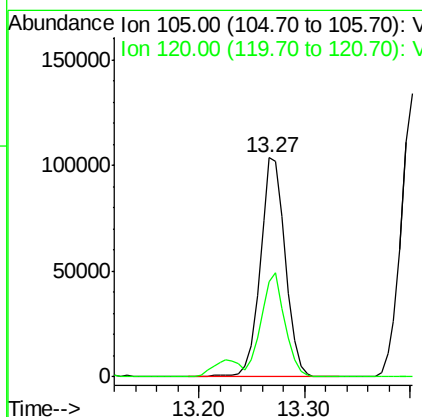
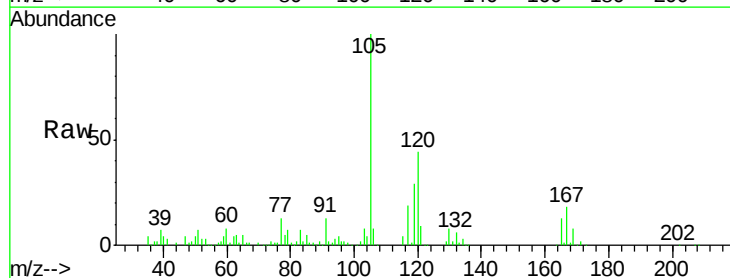
Manual Integrations
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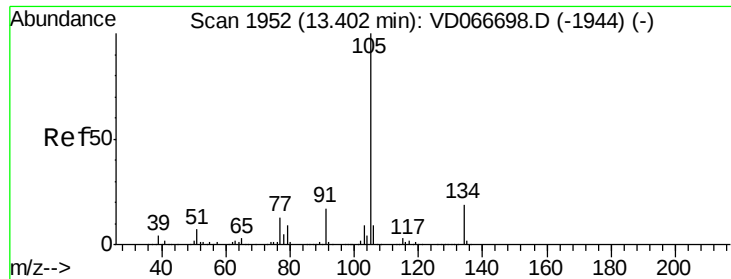
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#84
1,2,4-Trimethylbenzene
Concen: 9.851 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.2





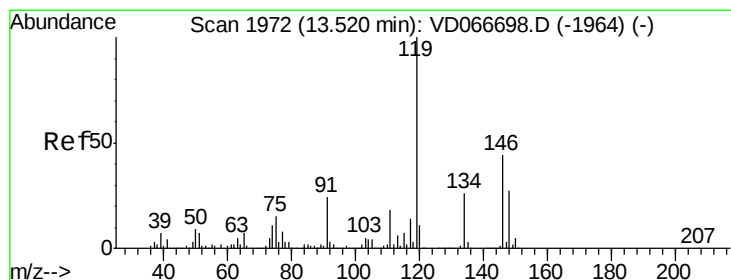
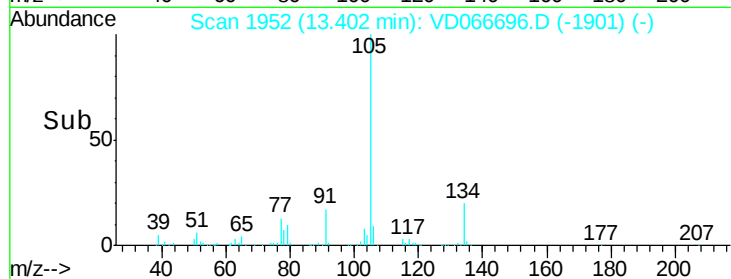
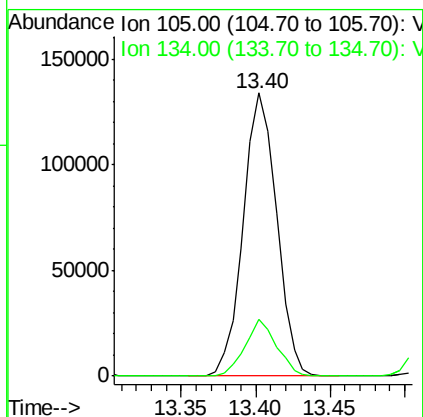
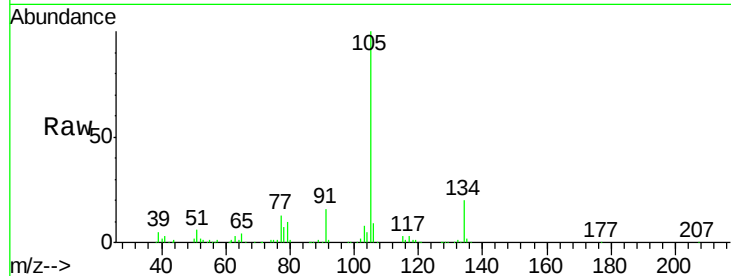
#85
 sec-Butylbenzene
 Concen: 10.168 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	10.0	30.0

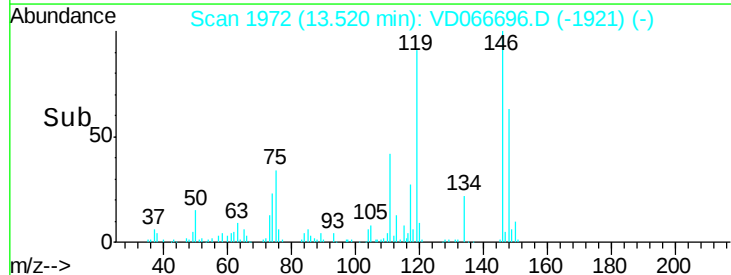
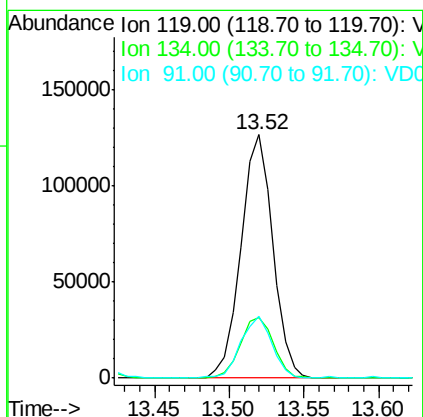
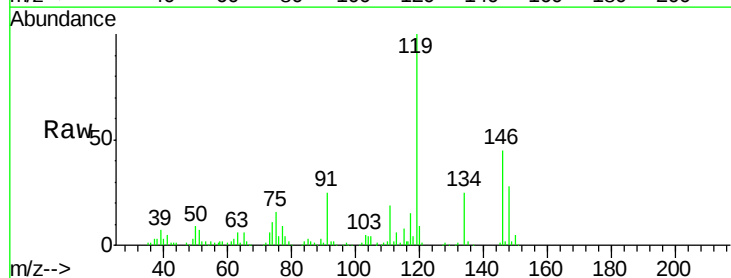
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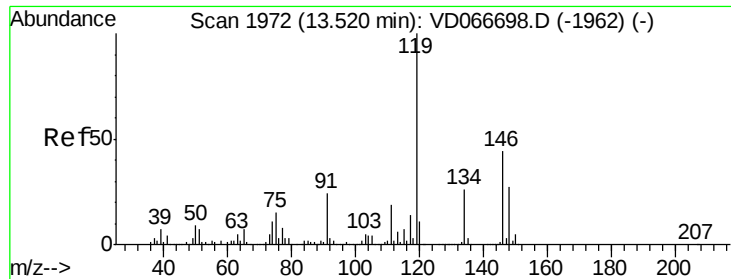
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#86
 p-Isopropyltoluene
 Concen: 10.044 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	25.4	12.3	36.9





#87

1,3-Dichlorobenzene

Concen: 10.421 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Instrument :

MSVOA_D

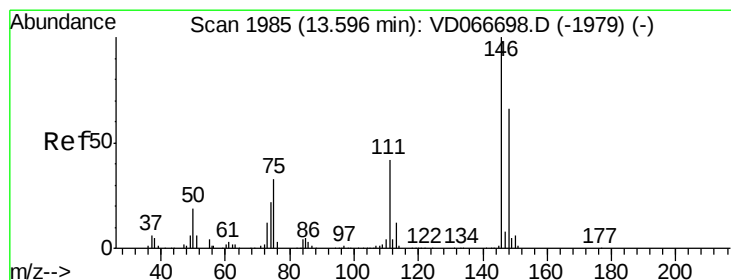
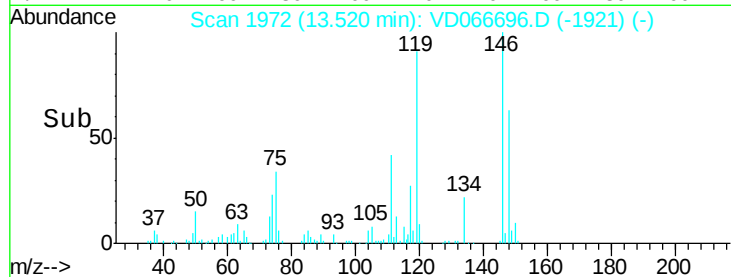
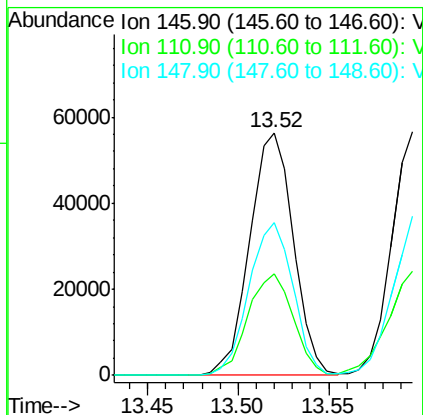
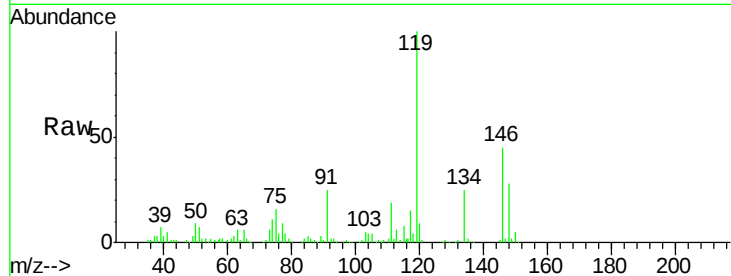
ClientSampleId :

VSTDIC010

Tot Ion:	146	Resp:	94305
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.1	63.3
148	63.7	31.4	94.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 10.630 ug/l

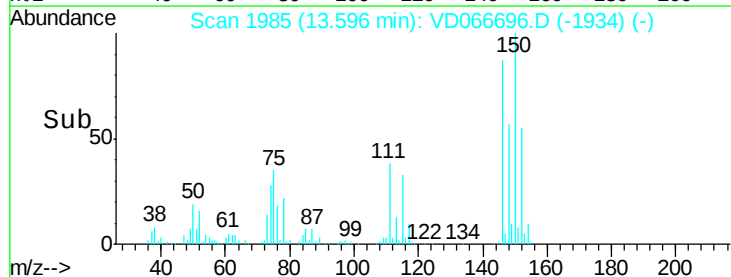
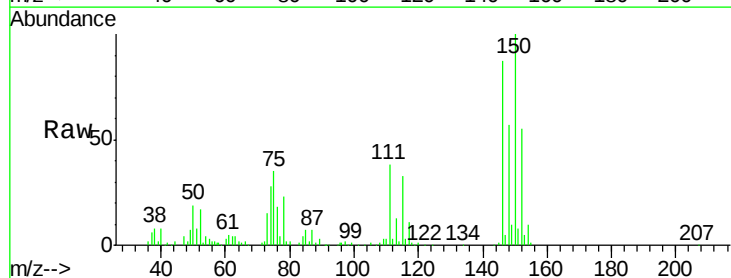
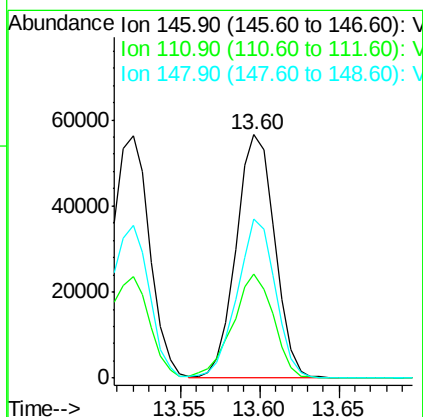
RT: 13.60 min Scan# 1985

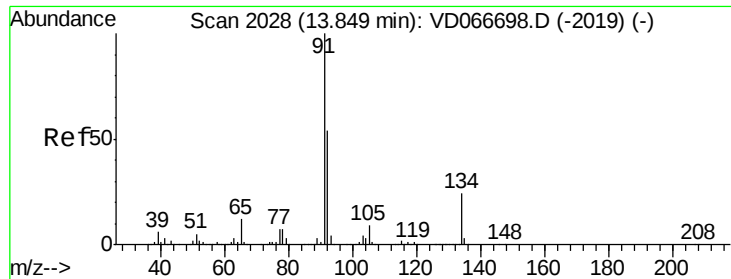
Delta R.T. -0.00 min

Lab File: VD066696.D

Acq: 15 Sep 2020 13:55

Tgt Ion:	146	Resp:	95791
Ion Ratio	Lower	Upper	
146	100		
111	45.2	20.5	61.6
148	64.4	32.7	98.1





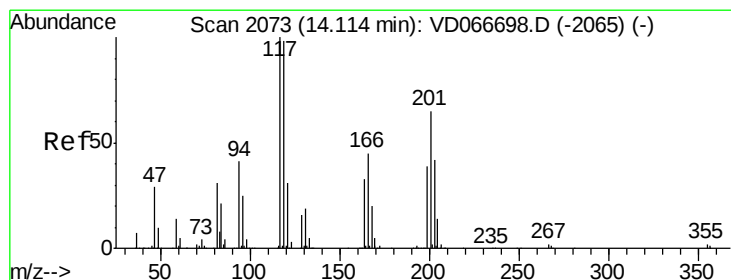
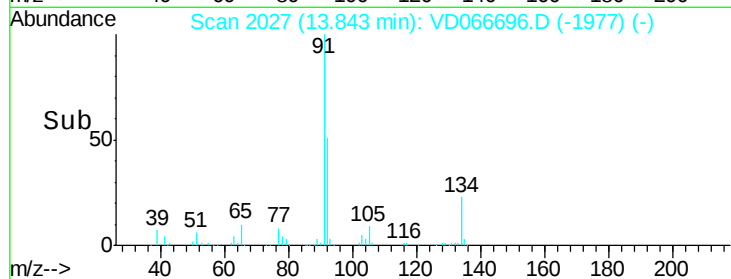
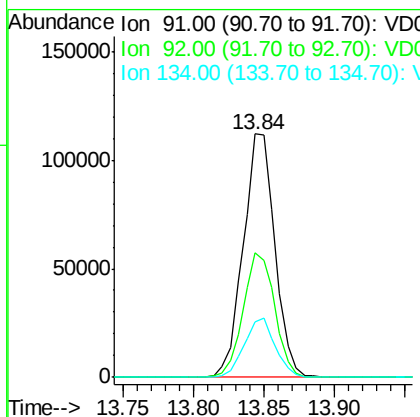
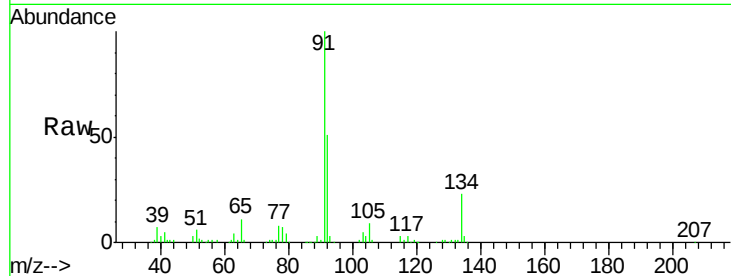
#89
n-Butylbenzene
Concen: 9.982 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	27.0	81.0
134	23.9	12.4	37.0

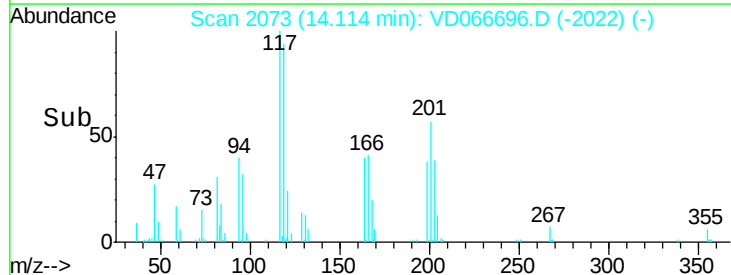
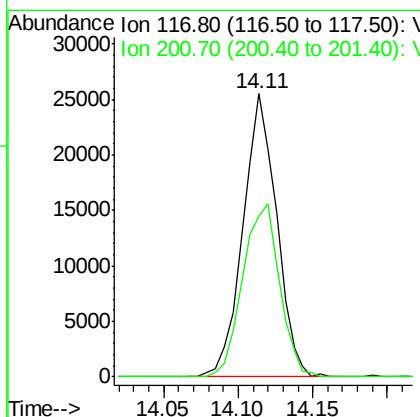
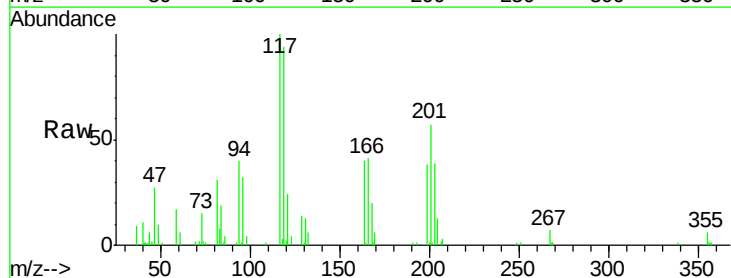
Manual Integrations
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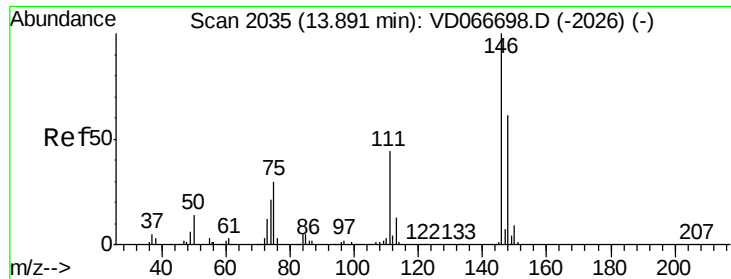
MMDadoda
9/16/2020 11:44:16 AM



#90
Hexachloroethane
Concen: 10.415 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	33.1	99.3





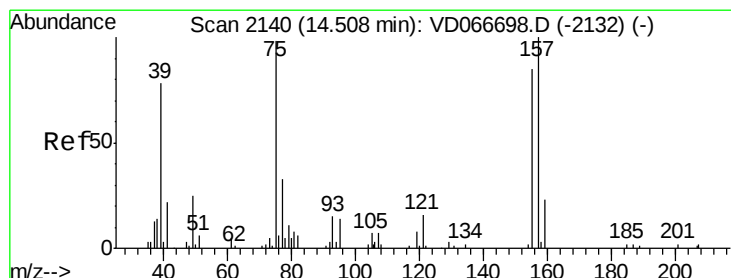
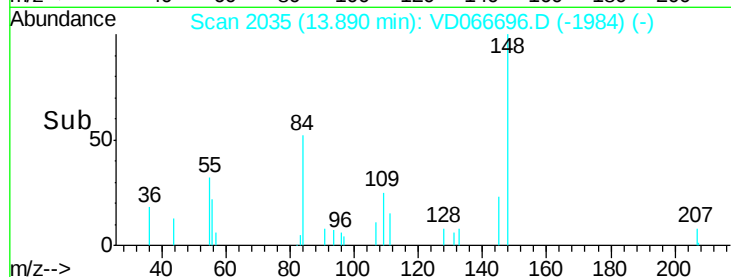
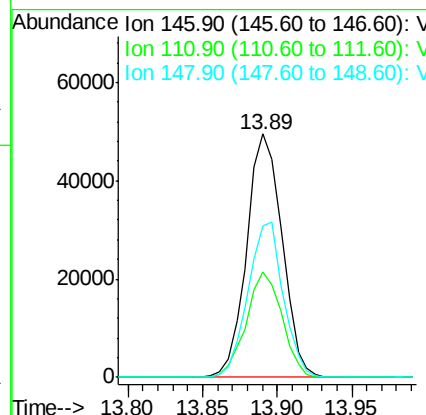
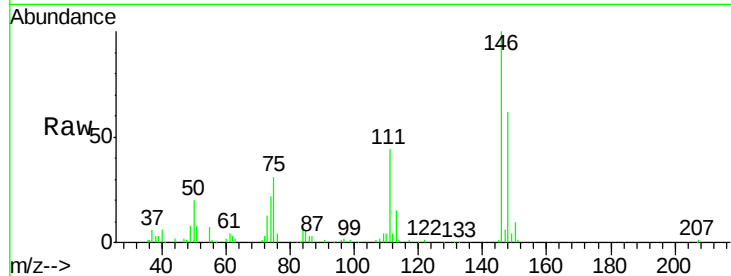
#91
 1,2-Dichlorobenzene
 Concen: 10.462 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.6	64.6
148	63.8	31.4	94.3

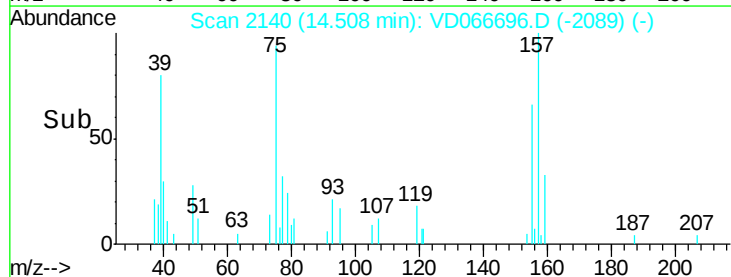
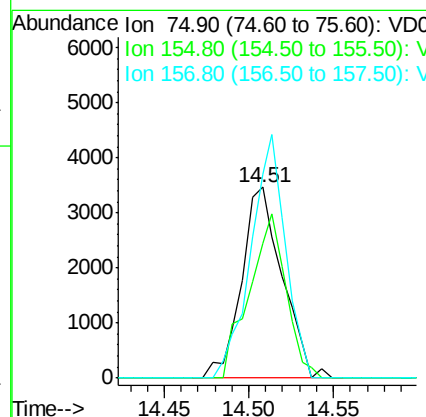
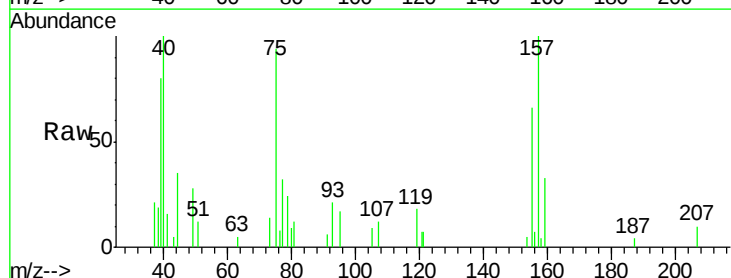
Manual Integrations
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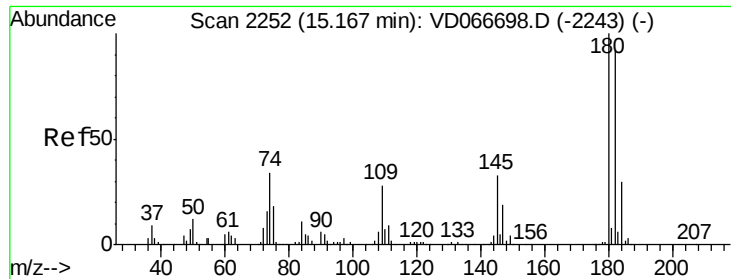
MMDadoda
 9/16/2020 11:44:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.311 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	38.9	116.7
157	108.8	46.4	139.2





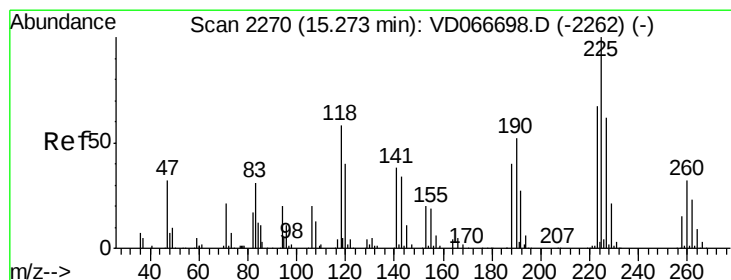
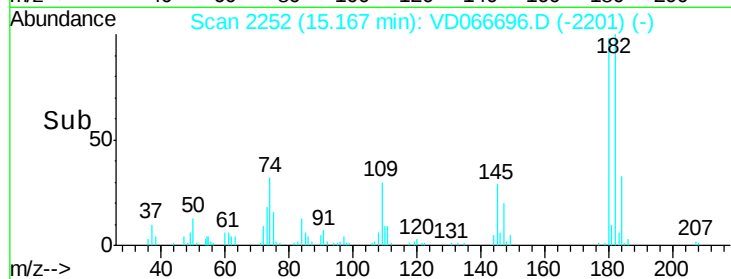
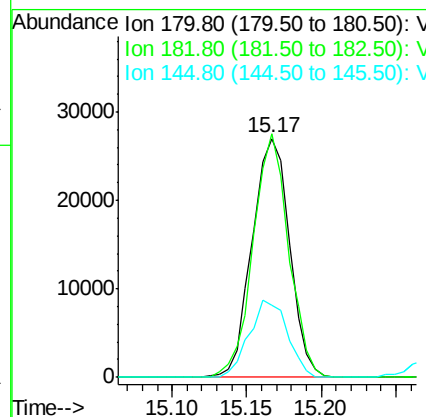
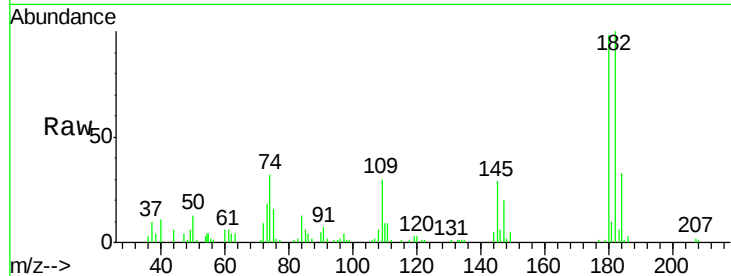
#93
 1,2,4-Trichlorobenzene
 Concen: 9.970 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	46755		
182	96.5	46.6	139.7	
145	32.9	16.5	49.5	

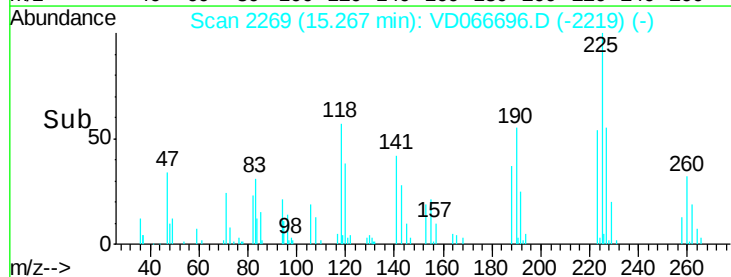
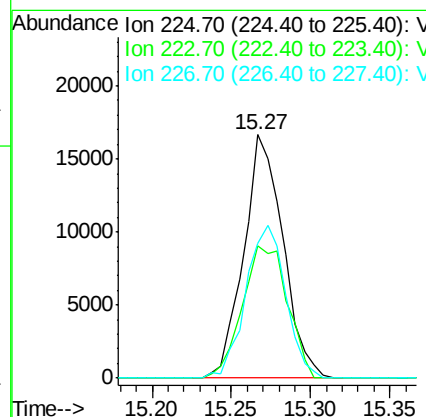
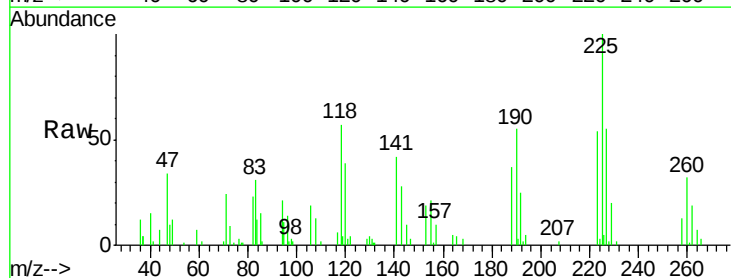
Manual Integrations
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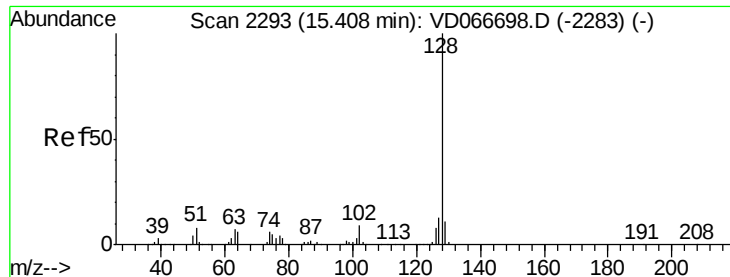
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 9/16/2020 11:44:16 AM



#94
 Hexachlorobutadiene
 Concen: 10.155 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066696.D
 Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28692		
223	62.3	31.9	95.9	
227	63.9	31.3	93.9	





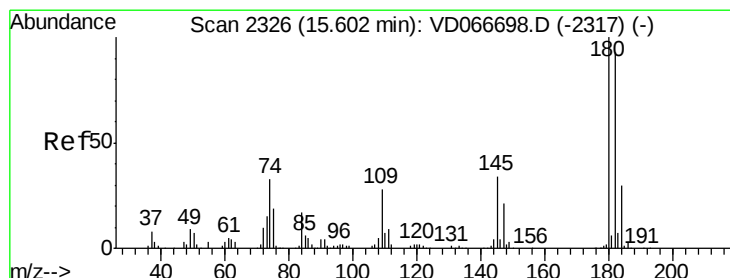
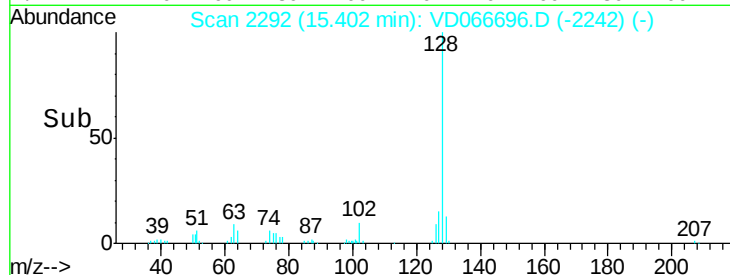
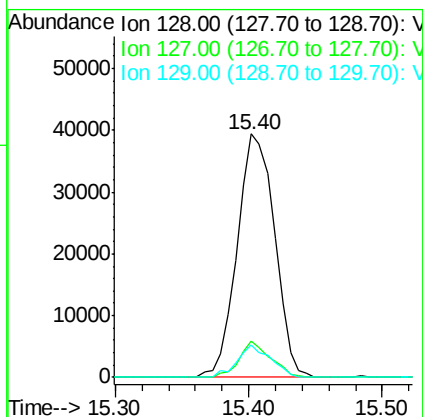
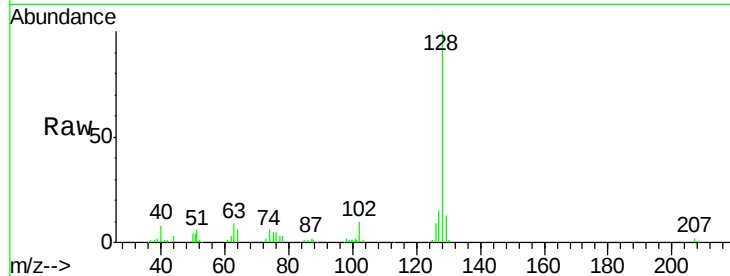
#95
Naphthalene
Concen: 9.333 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	11.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 9.939 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066696.D
Acq: 15 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.6	139.8
145	35.1	17.1	51.3

