

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071740.D
 Acq On : 19 Jan 2022 13:21
 Operator : VA/SY
 Sample : N1182-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 20 04:57:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	2020	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.850	114	1460	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.632	117	1949	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	90	50.000	ug/l	#-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	1597	61.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.880%	
35) Dibromofluoromethane	7.909	113	954	98.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 197.740%#	
50) Toluene-d8	10.344	98	3195	88.459	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 176.920%#	
62) 4-Bromofluorobenzene	12.632	95	645	50.679	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.360%	

Target Compounds			Qvalue			
3) Chloromethane	2.215	50	232	10.742	ug/l #	43
4) Vinyl Chloride	2.362	62	141	5.614	ug/l #	46
6) Chloroethane	2.868	64	60	3.352	ug/l #	44
10) Methyl Iodide	4.550	142	57	2.865	ug/l #	36
12) 1,1-Dichloroethene	4.079	96	141	7.808	ug/l #	1
14) Allyl chloride	4.709	41	79	2.206	ug/l #	20
15) Acrylonitrile	5.326	53	66	13.337	ug/l #	17
16) Acetone	4.120	43	70	11.665	ug/l #	49
17) Carbon Disulfide	4.238	76	64	1.873	ug/l #	74
18) Methyl Acetate	4.509	43	77	4.081	ug/l #	56
19) Methyl tert-butyl Ether	5.326	73	58	1.217	ug/l #	51
21) trans-1,2-Dichloroethene	5.473	96	130	6.304	ug/l #	1
23) Vinyl Acetate	6.244	43	57	1.584	ug/l #	76
24) 1,1-Dichloroethane	6.256	63	137	3.113	ug/l #	82
25) 2-Butanone	7.250	43	73	10.296	ug/l #	56
26) 2,2-Dichloropropane	7.326	77	120	3.247	ug/l #	55
28) Bromochloromethane	7.432	49	64	2.985	ug/l #	22
29) Tetrahydrofuran	7.567	42	112	27.460	ug/l #	39
31) Cyclohexane	7.979	56	131	3.939	ug/l #	18
36) 1,1-Dichloropropene	8.103	75	120	8.719	ug/l #	43
37) Ethyl Acetate	7.250	43	73	11.428	ug/l #	69
38) Carbon Tetrachloride	7.991	117	54	3.874	ug/l #	14
39) Methylcyclohexane	9.344	83	64	4.305	ug/l #	14
40) Benzene	8.350	78	285	7.515	ug/l #	51
41) Methacrylonitrile	7.461	41	108	27.933	ug/l #	25
43) Isopropyl Acetate	8.426	43	121	10.063	ug/l #	54
48) Methyl methacrylate	9.420	41	59	9.710	ug/l #	1
51) 4-Methyl-2-Pentanone	10.244	43	180	28.339	ug/l #	40
52) Toluene	10.391	92	389	16.296	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.873	63	71	15.254	ug/l #	49
59) 2-Hexanone	10.973	43	63	14.201	ug/l #	29
67) Ethyl Benzene	11.738	91	181	2.644	ug/l #	45
68) m/p-Xylenes	11.855	106	114	4.477	ug/l #	11
70) Styrene	12.179	104	76	1.840	ug/l #	25
73) Isopropylbenzene	12.467	105	187	28.913	ug/l #	50
74) N-amyl acetate	12.197	43	171	107.784	ug/l #	46

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 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

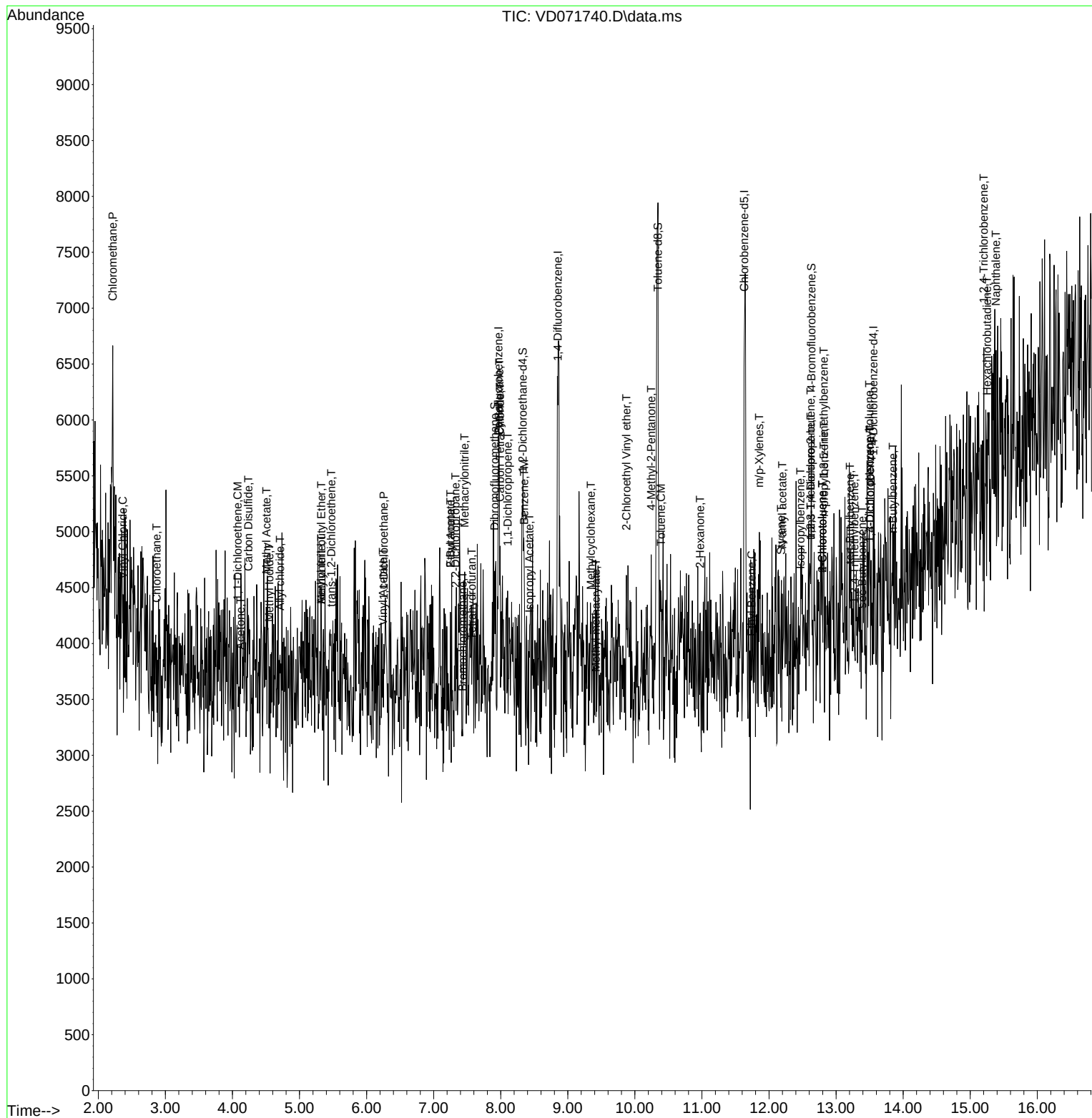
76) 1,2,3-Trichloropropane	12.620	75	418	480.653	ug/l	#	100
78) n-propylbenzene	12.820	91	196	24.096	ug/l	#	54
79) 2-Chlorotoluene	12.797	91	196	42.752	ug/l		89
80) 1,3,5-Trimethylbenzene	12.814	105	69	12.768	ug/l	#	29
81) trans-1,4-Dichloro-2-b...	12.620	75	418	1340.004	ug/l	#	3
82) 4-Chlorotoluene	12.797	91	196	41.209	ug/l		86
83) tert-Butylbenzene	13.208	119	54	11.694	ug/l	#	44
84) 1,2,4-Trimethylbenzene	13.273	105	69	12.911	ug/l	#	31
85) sec-Butylbenzene	13.391	105	391	55.284	ug/l	#	57
86) p-Isopropyltoluene	13.496	119	127	21.871	ug/l	#	50
87) 1,3-Dichlorobenzene	13.508	146	159	55.148	ug/l	#	25
88) 1,4-Dichlorobenzene	13.508	146	159	54.056	ug/l	#	24
89) n-Butylbenzene	13.849	91	262	45.054	ug/l	#	55
93) 1,2,4-Trichlorobenzene	15.202	180	60	42.134	ug/l	#	12
94) Hexachlorobutadiene	15.249	225	57	68.278	ug/l	#	19
95) Naphthalene	15.385	128	217	86.068	ug/l	#	68

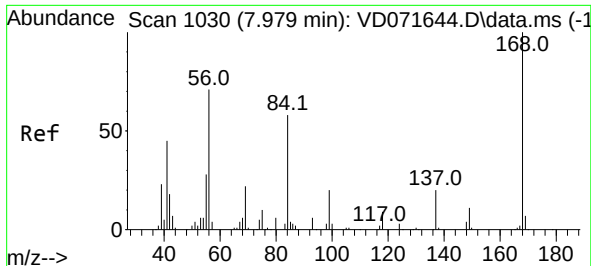
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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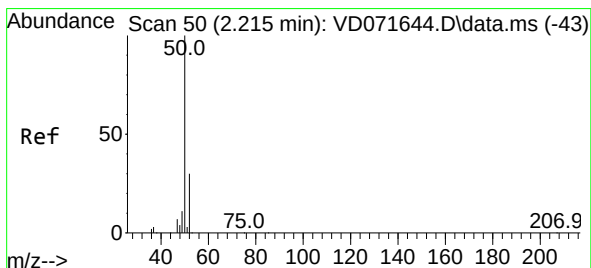
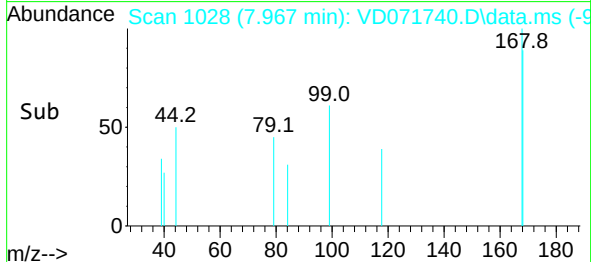
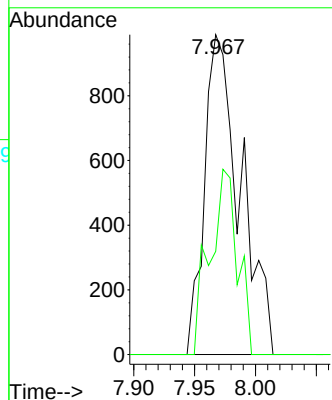
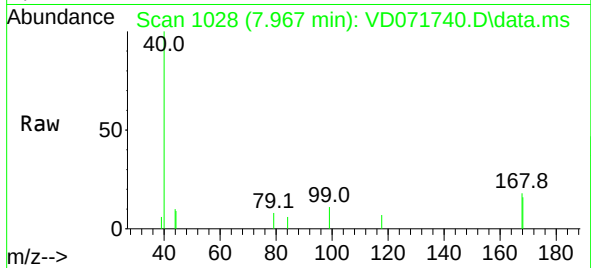




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

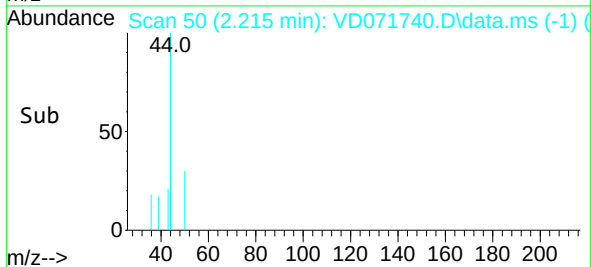
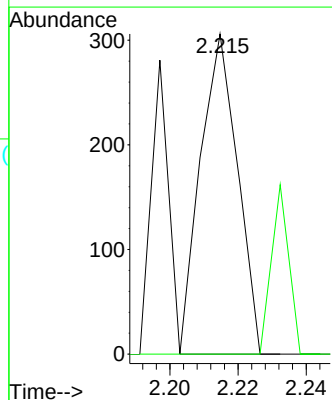
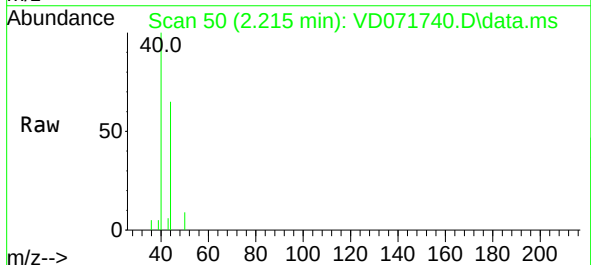
Instrument :
MSVOA_D
ClientSampleId :

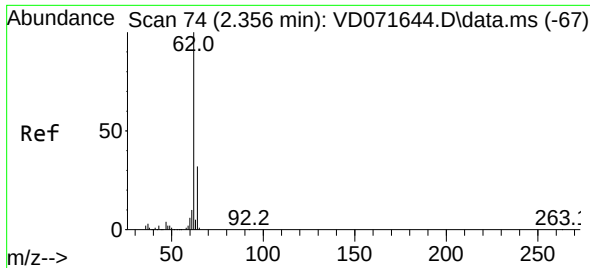
Tgt Ion:168 Resp: 2020
Ion Ratio Lower Upper
168 100
99 32.3 51.8 77.6#



#3
Chloromethane
Concen: 10.742 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.001 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 50 Resp: 232
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#





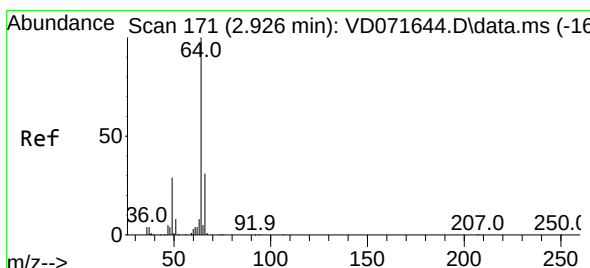
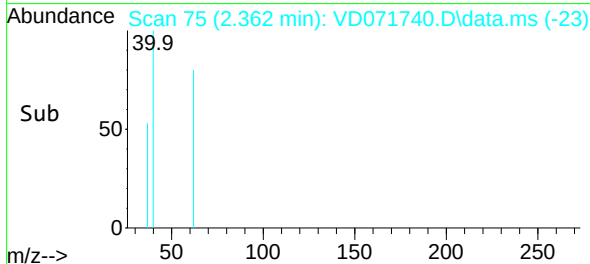
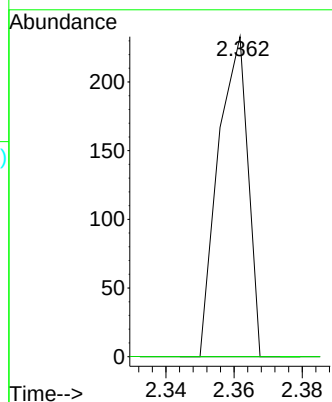
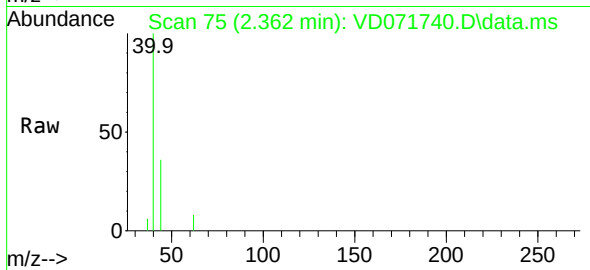
#4
 Vinyl Chloride
 Concen: 5.614 ug/l
 RT: 2.362 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VD071740.D
 Acq: 19 Jan 2022 13:21

Instrument :

MSVOA_D

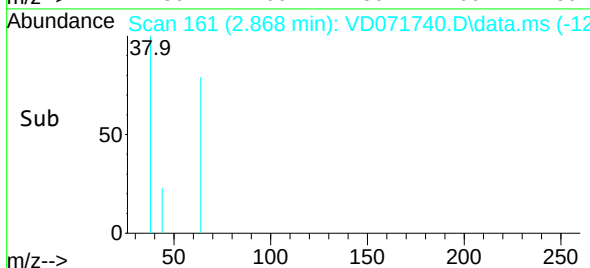
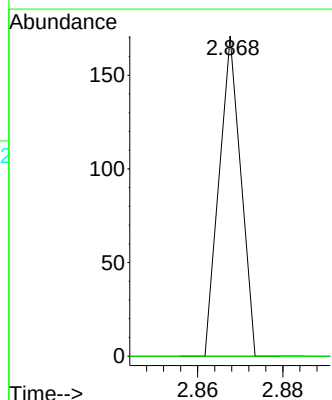
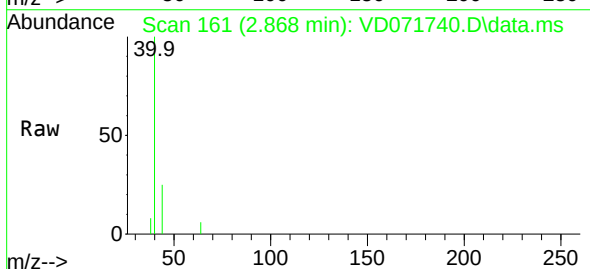
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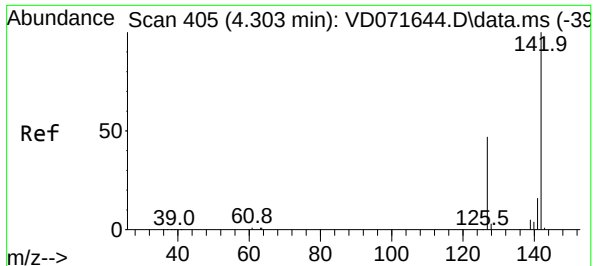
Tgt Ion: 62 Resp: 141
 Ion Ratio Lower Upper
 62 100
 64 0.0 23.2 34.8#



#6
 Chloroethane
 Concen: 3.352 ug/l
 RT: 2.868 min Scan# 161
 Delta R.T. -0.058 min
 Lab File: VD071740.D
 Acq: 19 Jan 2022 13:21

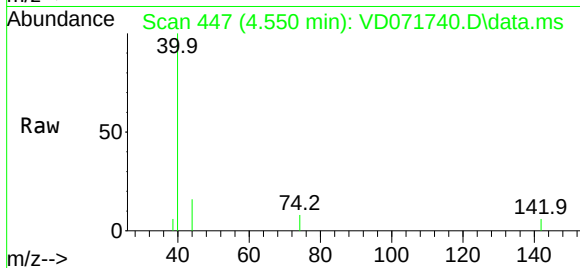
Tgt Ion: 64 Resp: 60
 Ion Ratio Lower Upper
 64 100
 66 0.0 24.2 36.2#



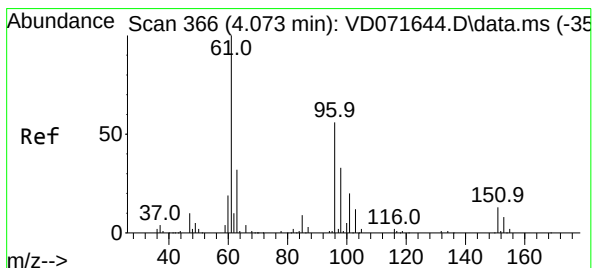
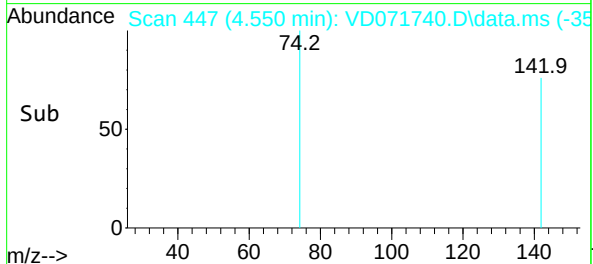
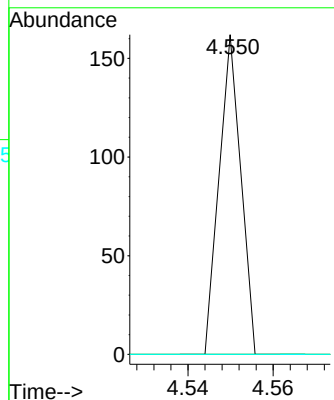


#10
Methyl Iodide
Concen: 2.865 ug/l
RT: 4.550 min Scan# 44
Delta R.T. 0.248 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :

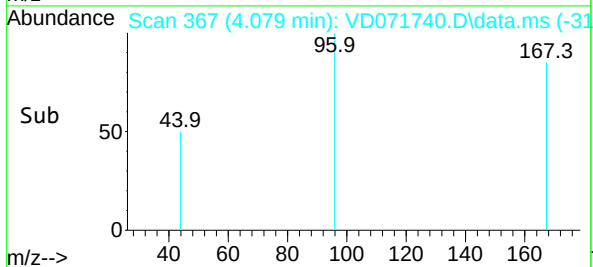
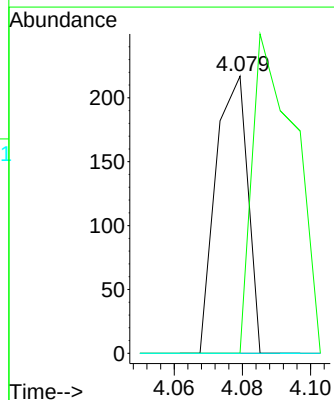
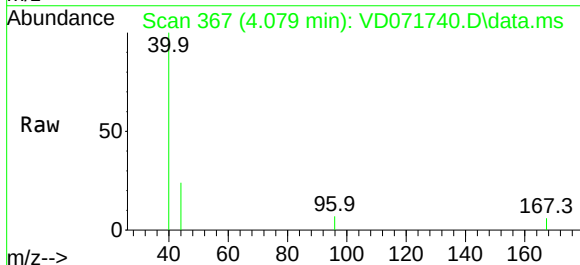


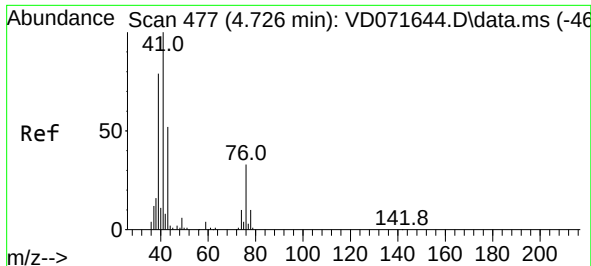
Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 39.4 59.2#
141 0.0 11.9 17.9#



#12
1,1-Dichloroethene
Concen: 7.808 ug/l
RT: 4.079 min Scan# 367
Delta R.T. 0.000 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

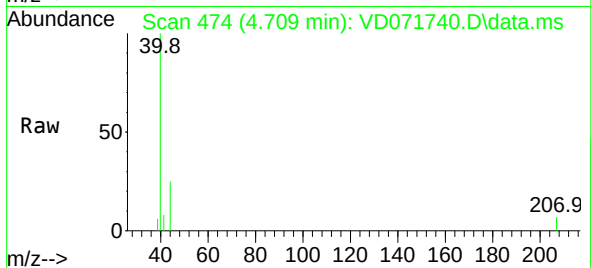
Tgt Ion: 96 Resp: 141
Ion Ratio Lower Upper
96 100
61 0.0 137.8 206.8#
98 0.0 48.3 72.5#



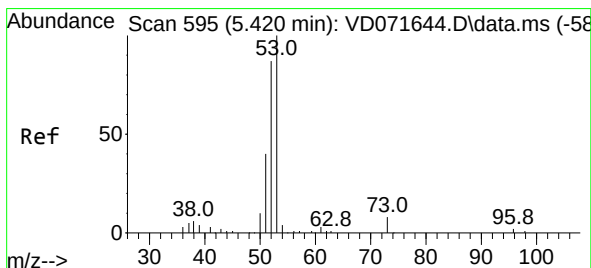
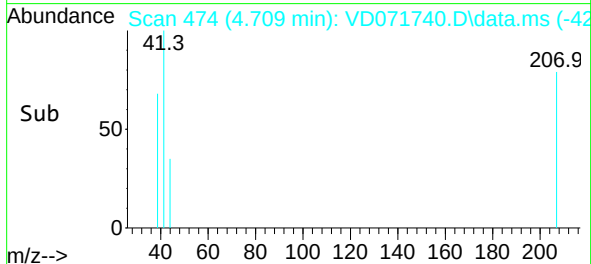
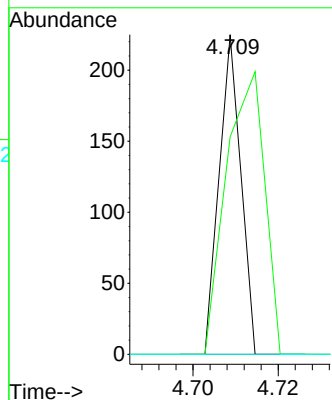


#14
 Allyl chloride
 Concen: 2.206 ug/l
 RT: 4.709 min Scan# 41
 Delta R.T. -0.011 min
 Lab File: VD071740.D
 Acq: 19 Jan 2022 13:21

Instrument :
 MSVOA_D
 ClientSampleId :

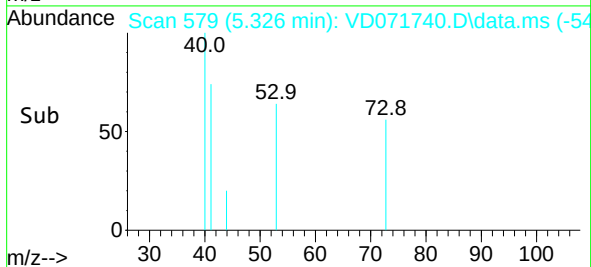
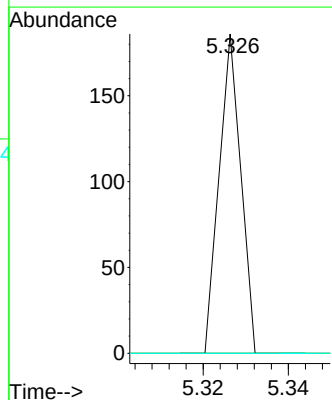
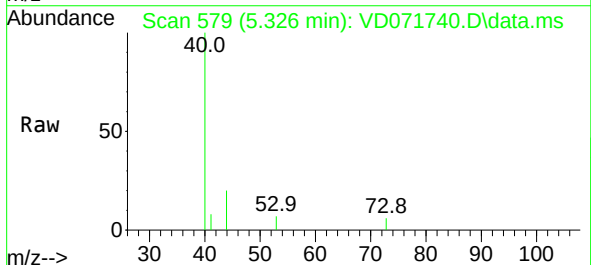


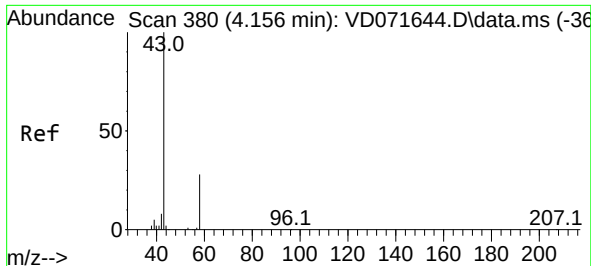
Tgt Ion: 41 Resp: 79
 Ion Ratio Lower Upper
 41 100
 39 157.0 63.2 94.8#
 76 0.0 25.8 38.6#



#15
 Acrylonitrile
 Concen: 13.337 ug/l
 RT: 5.326 min Scan# 579
 Delta R.T. -0.094 min
 Lab File: VD071740.D
 Acq: 19 Jan 2022 13:21

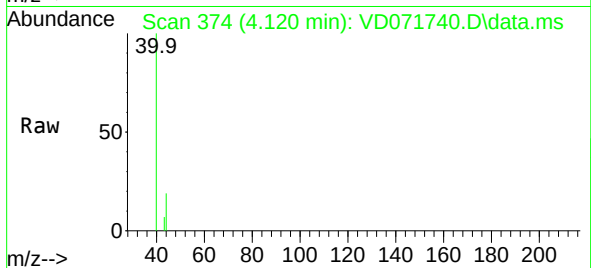
Tgt Ion: 53 Resp: 66
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.6 98.4#
 51 0.0 31.2 46.8#



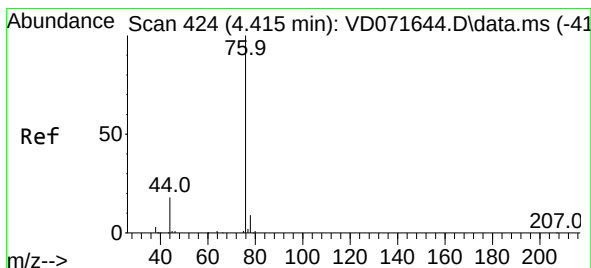
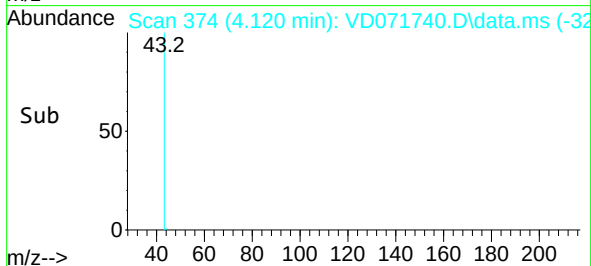
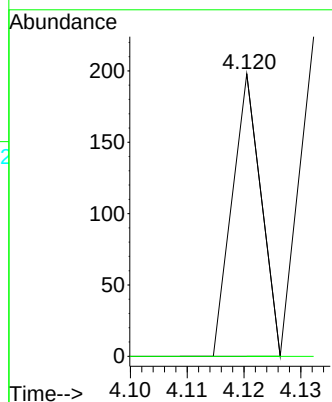


#16
Acetone
Concen: 11.665 ug/l
RT: 4.120 min Scan# 31
Delta R.T. -0.035 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

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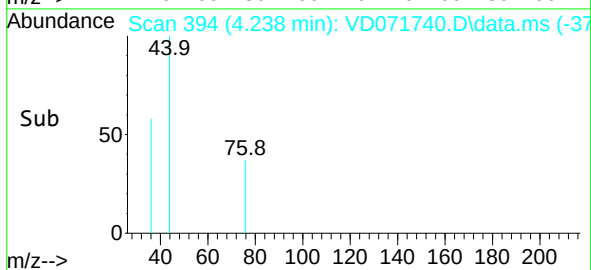
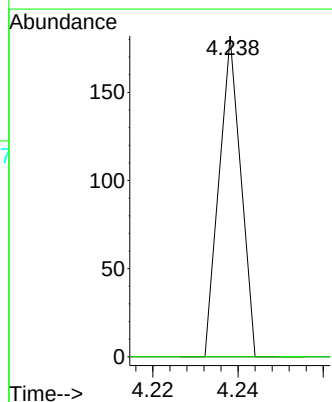
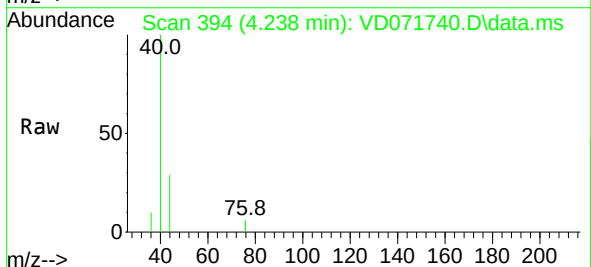


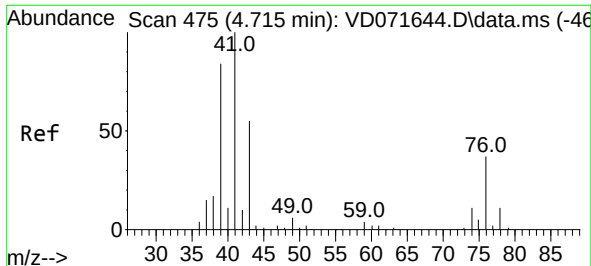
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#



#17
Carbon Disulfide
Concen: 1.873 ug/l
RT: 4.238 min Scan# 394
Delta R.T. -0.176 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 76 Resp: 64
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#





#18

Methyl Acetate

Concen: 4.081 ug/l

RT: 4.509 min Scan# 44

Delta R.T. -0.205 min

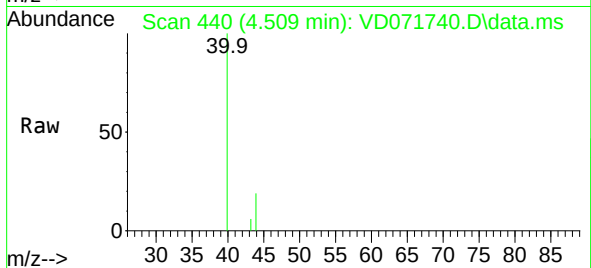
Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

Instrument :

MSVOA_D

ClientSampleId :

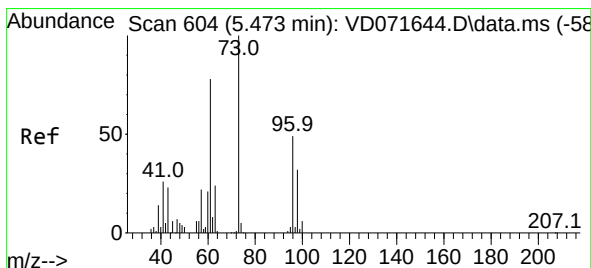
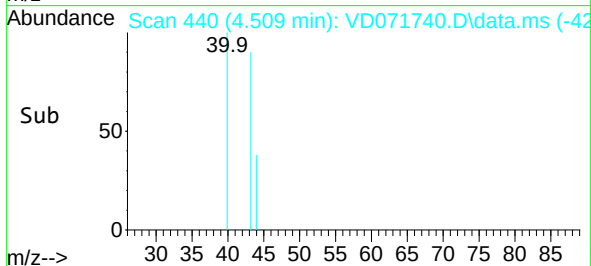
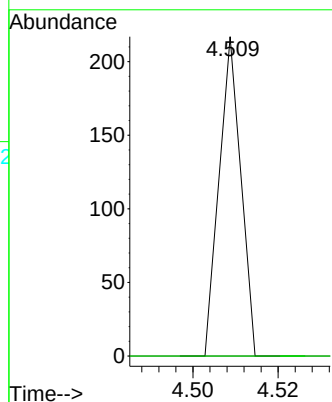


Tgt Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#19

Methyl tert-butyl Ether

Concen: 1.217 ug/l

RT: 5.326 min Scan# 579

Delta R.T. -0.153 min

Lab File: VD071740.D

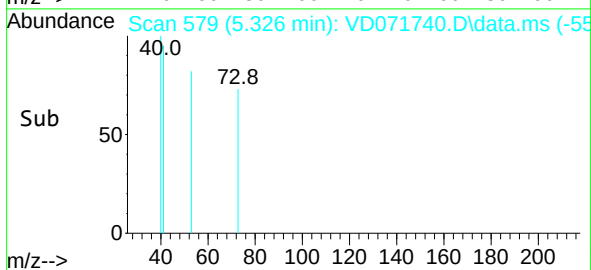
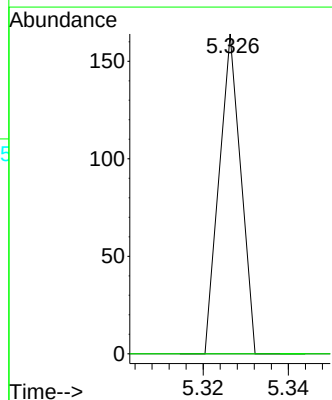
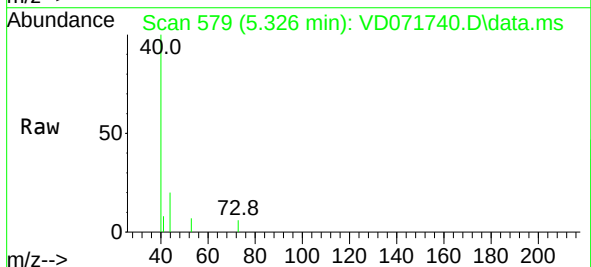
Acq: 19 Jan 2022 13:21

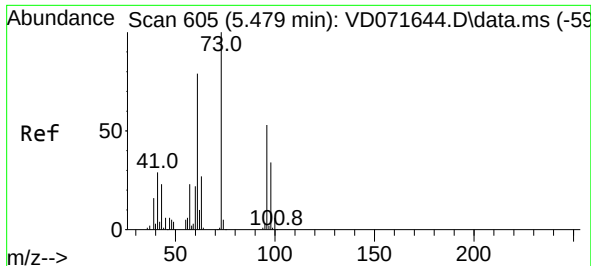
Tgt Ion: 73 Resp: 58

Ion Ratio Lower Upper

73 100

57 0.0 19.2 28.8#

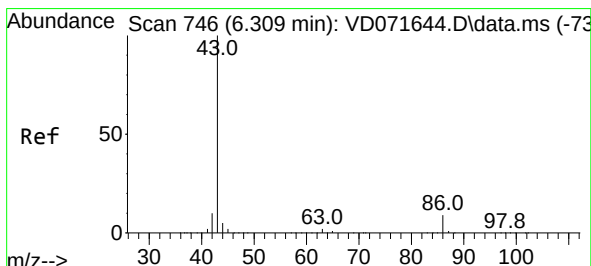
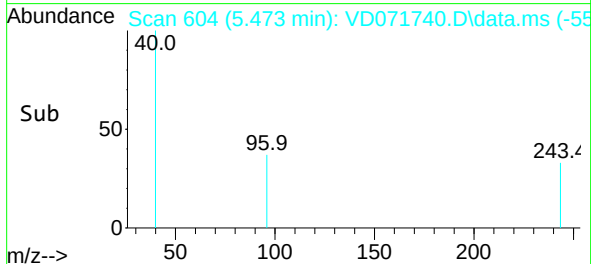
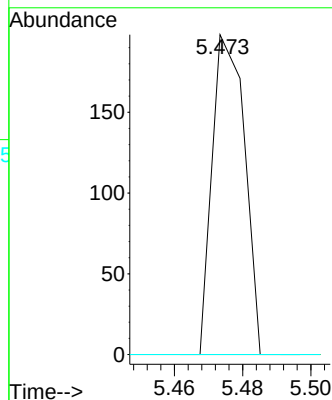
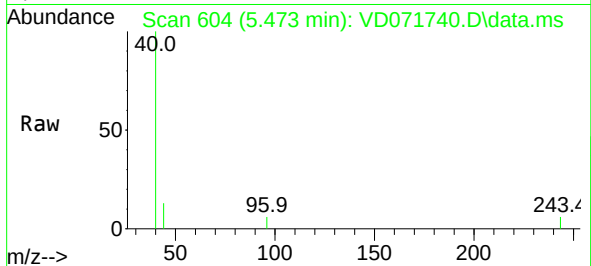




#21
trans-1,2-Dichloroethene
Concen: 6.304 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

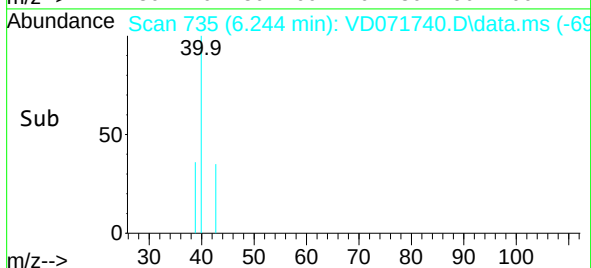
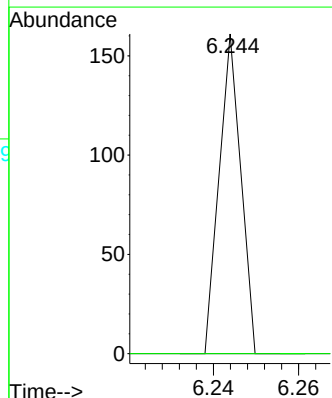
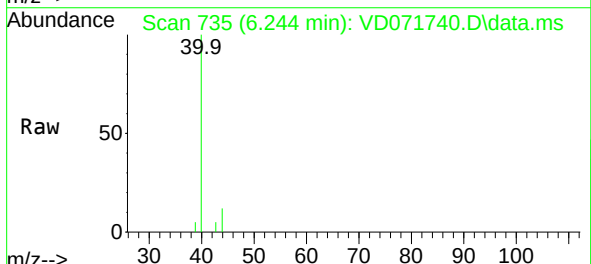
Instrument :
MSVOA_D
ClientSampleId :

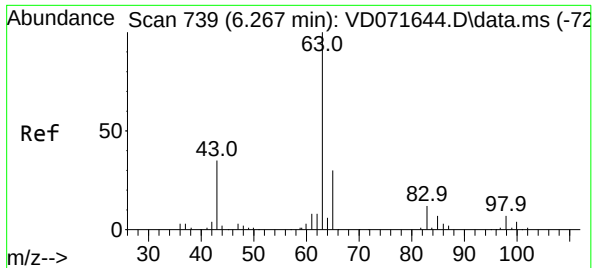
Tgt Ion: 96 Resp: 130
Ion Ratio Lower Upper
96 100
61 0.0 119.4 179.0#
98 0.0 49.3 73.9#



#23
Vinyl Acetate
Concen: 1.584 ug/l
RT: 6.244 min Scan# 735
Delta R.T. -0.064 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
86 0.0 6.7 10.1#

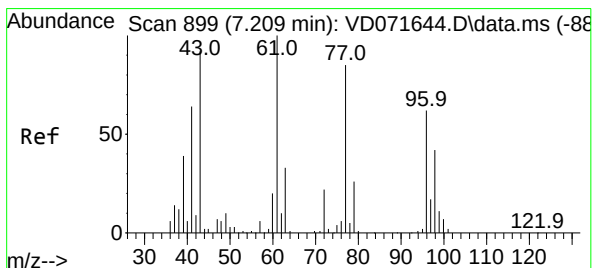
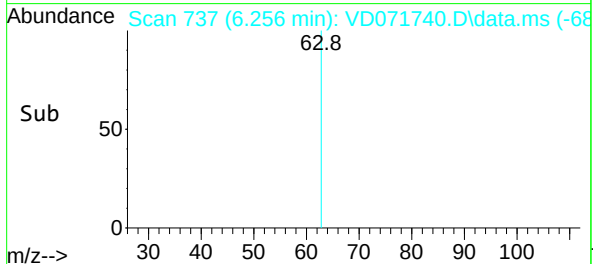
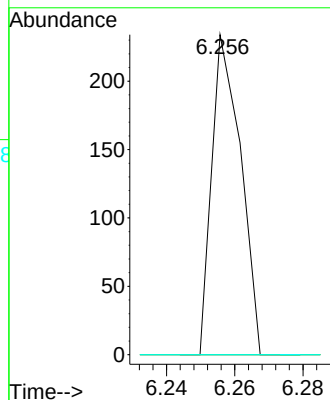
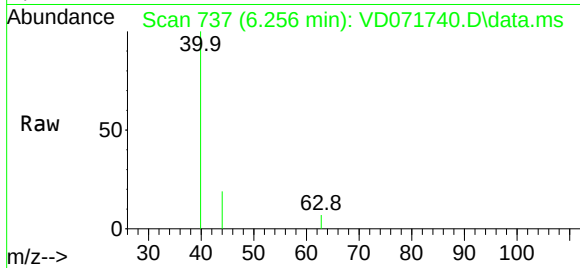




#24
1,1-Dichloroethane
Concen: 3.113 ug/l
RT: 6.256 min Scan# 71
Delta R.T. -0.017 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

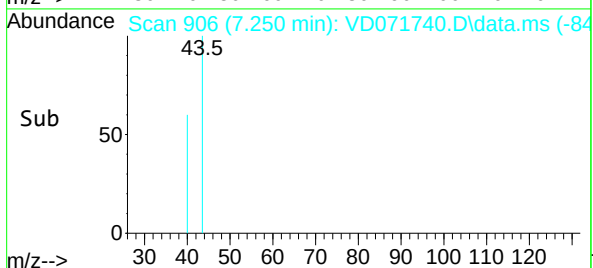
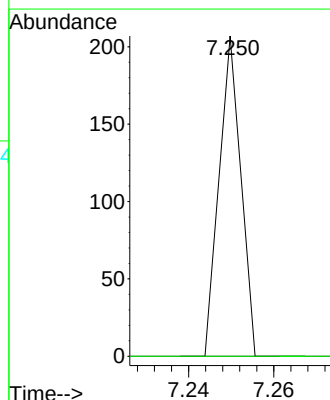
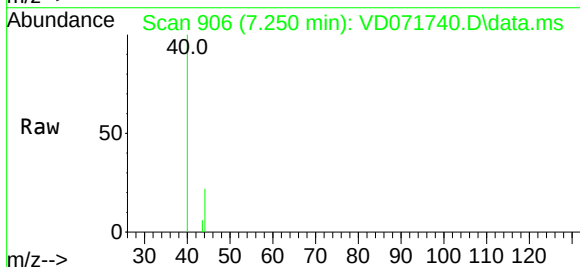
Instrument :
MSVOA_D
ClientSampleId :

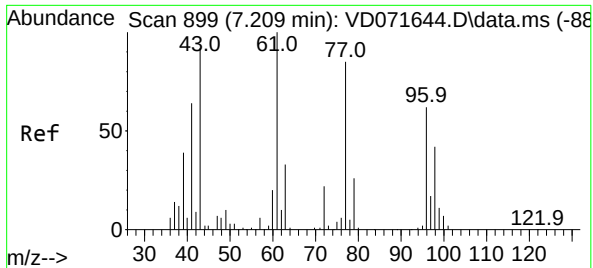
Tgt Ion: 63 Resp: 137
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.1#
100 0.0 2.5 7.5#



#25
2-Butanone
Concen: 10.296 ug/l
RT: 7.250 min Scan# 906
Delta R.T. 0.042 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
72 0.0 16.4 24.6#





#26

2,2-Dichloropropane

Concen: 3.247 ug/l

RT: 7.326 min Scan# 919

Delta R.T. 0.118 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

Instrument :

MSVOA_D

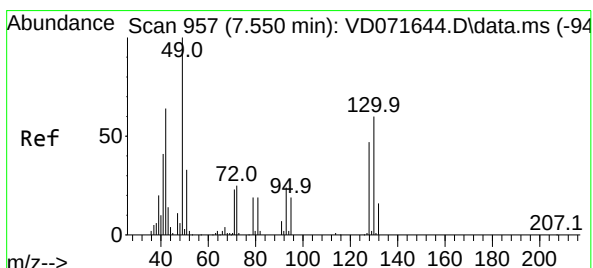
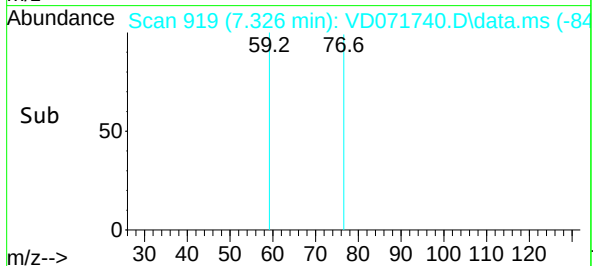
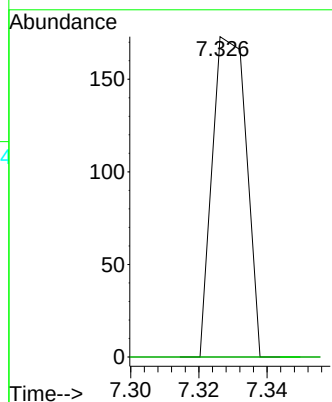
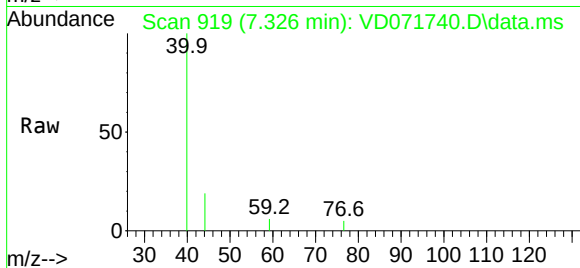
ClientSampleId :

Tgt Ion: 77 Resp: 120

Ion Ratio Lower Upper

77 100

97 0.0 10.7 32.1#



#28

Bromochloromethane

Concen: 2.985 ug/l

RT: 7.432 min Scan# 937

Delta R.T. -0.117 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

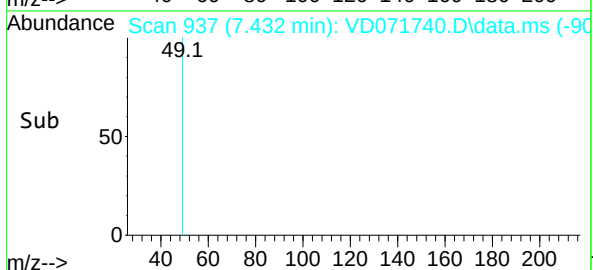
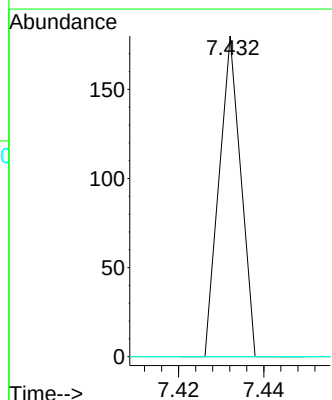
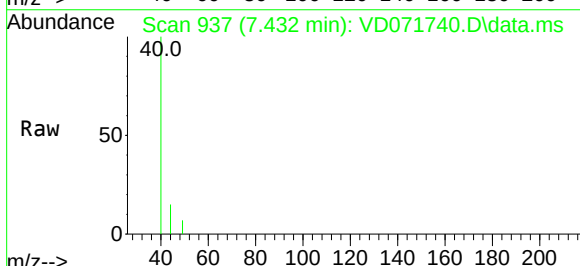
Tgt Ion: 49 Resp: 64

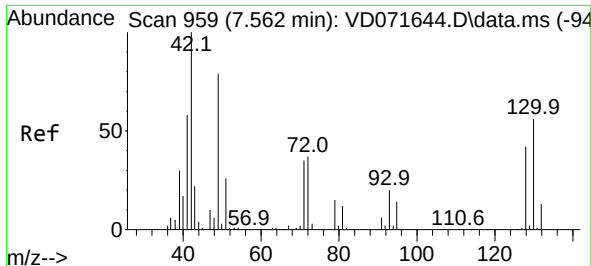
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 48.9 73.3#





#29

Tetrahydrofuran

Concen: 27.460 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.006 min

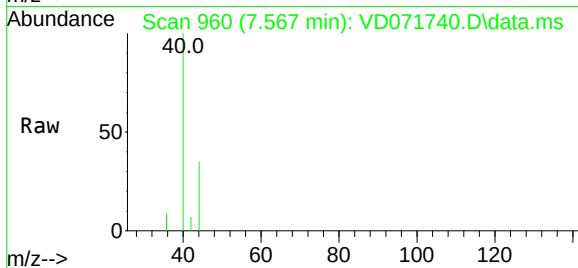
Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

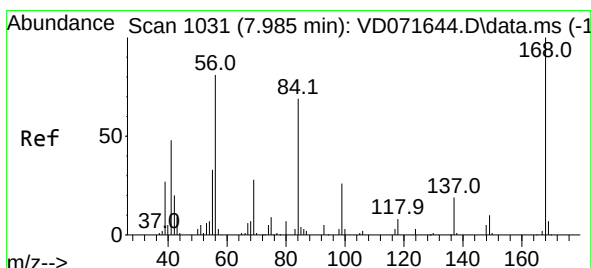
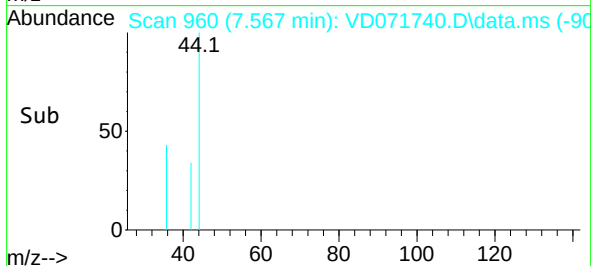
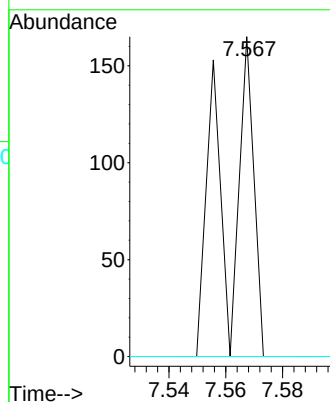
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	112
Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.6	44.4#
71	0.0	27.3	40.9#



#31

Cyclohexane

Concen: 3.939 ug/l

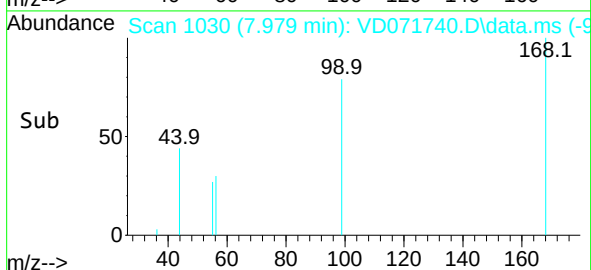
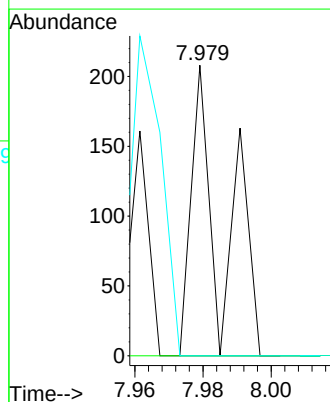
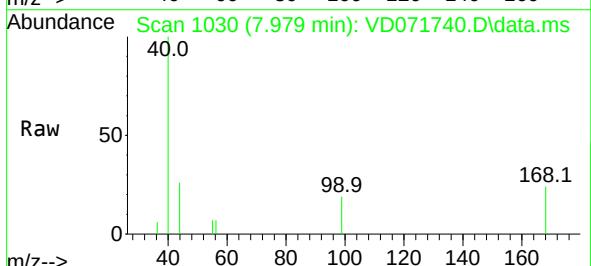
RT: 7.979 min Scan# 1030

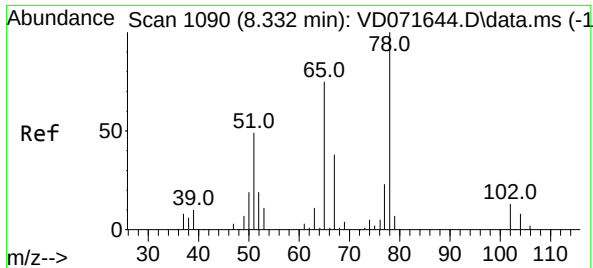
Delta R.T. -0.011 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

Tgt Ion:	56	Resp:	131
Ion	Ratio	Lower	Upper
56	100		
69	0.0	21.7	32.5#
84	0.0	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 61.443 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

Instrument :

MSVOA_D

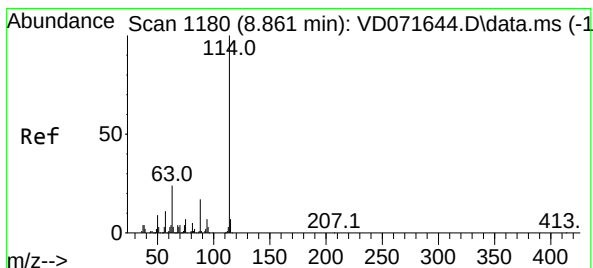
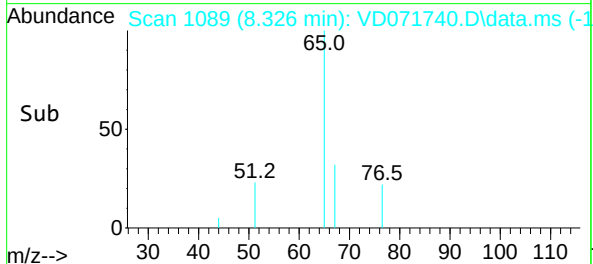
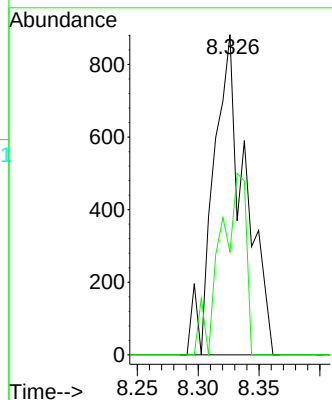
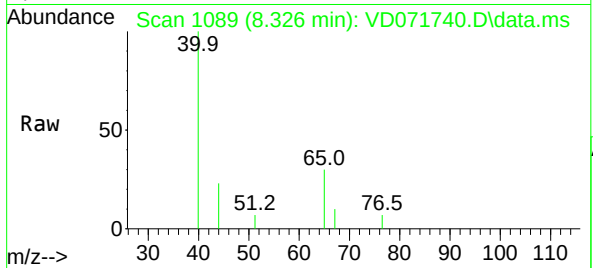
ClientSampleId :

Tgt Ion: 65 Resp: 1597

Ion Ratio Lower Upper

65 100

67 45.8 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.850 min Scan# 1178

Delta R.T. -0.017 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

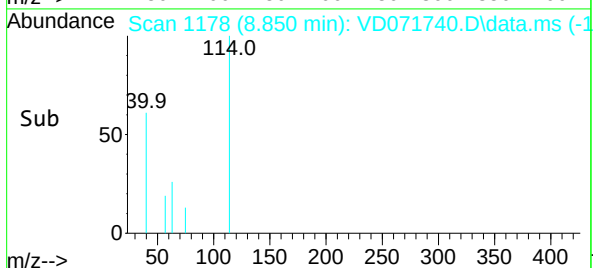
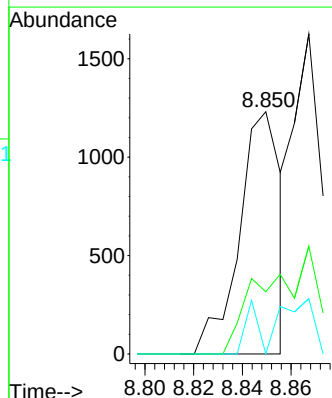
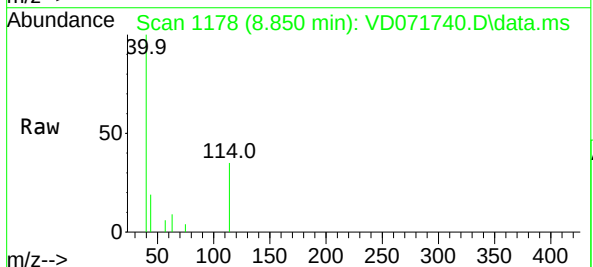
Tgt Ion: 114 Resp: 1460

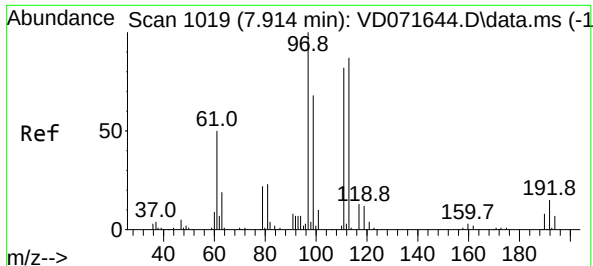
Ion Ratio Lower Upper

114 100

63 25.7 0.0 46.2

88 0.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 98.873 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

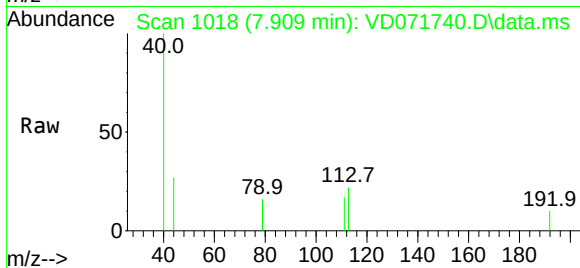
Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

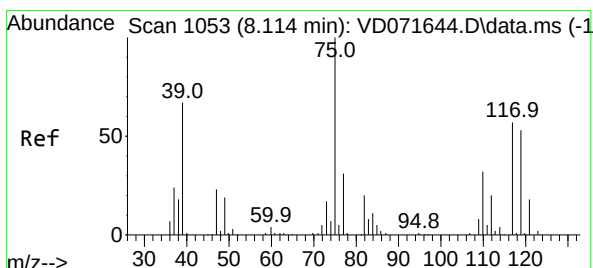
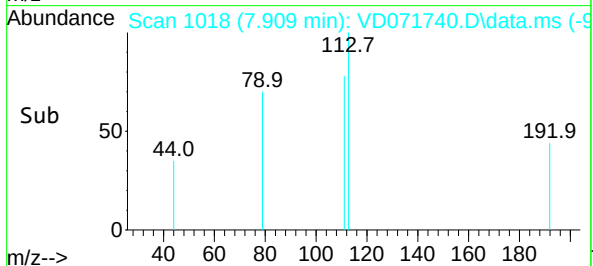
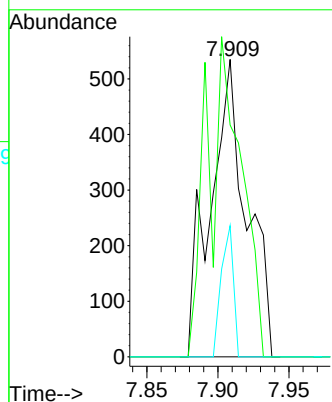
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	954
Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.2	123.4
192	14.6	14.2	21.2



#36

1,1-Dichloropropene

Concen: 8.719 ug/l

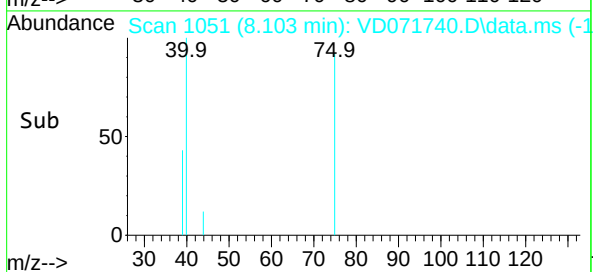
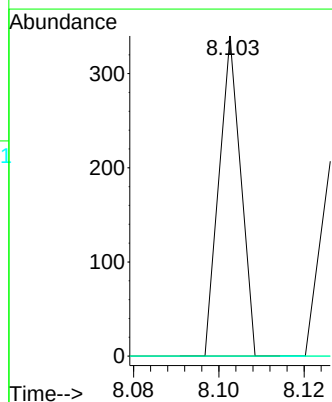
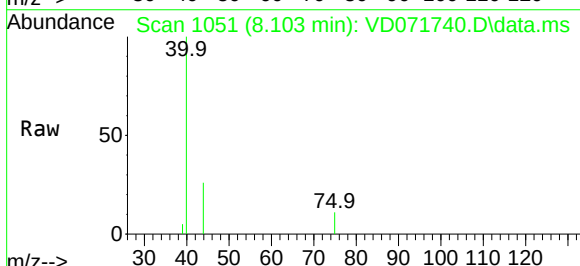
RT: 8.103 min Scan# 1051

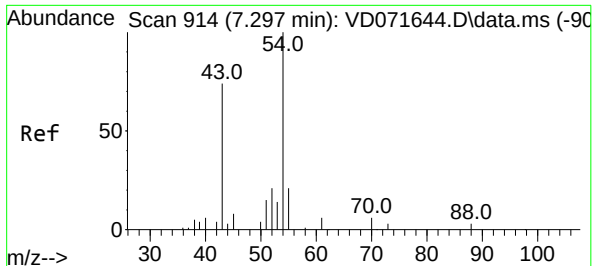
Delta R.T. -0.011 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

Tgt Ion:	75	Resp:	120
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.0	48.0#
77	0.0	24.5	36.7#





#37

Ethyl Acetate

Concen: 11.428 ug/l

RT: 7.250 min Scan# 90

Delta R.T. -0.041 min

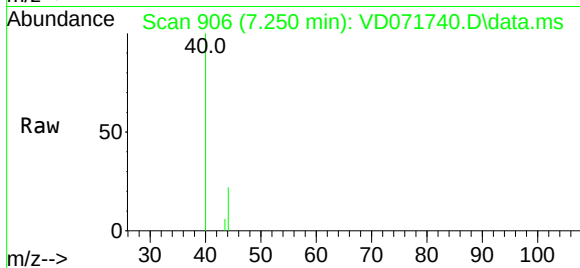
Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

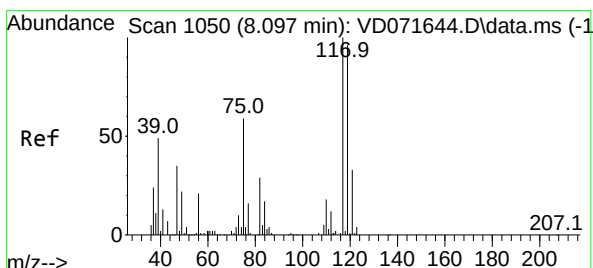
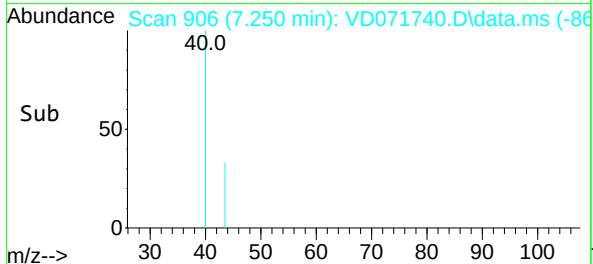
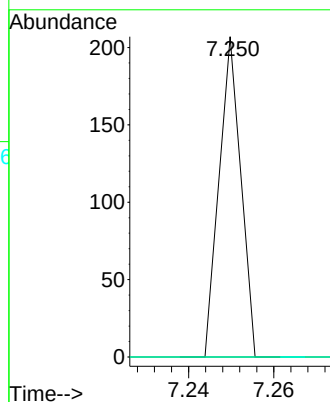
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp:	73
Ion	Ratio	Lower Upper
43	100	
61	0.0	11.0 16.4#
70	0.0	7.4 11.2#



#38

Carbon Tetrachloride

Concen: 3.874 ug/l

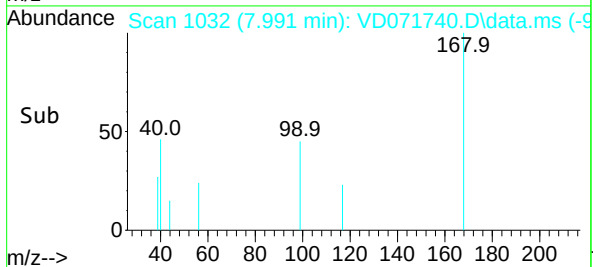
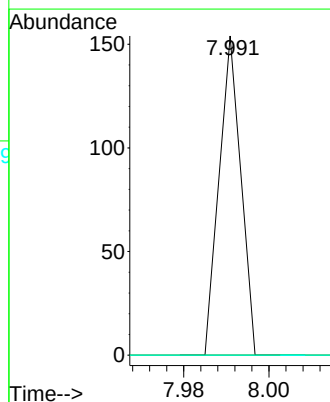
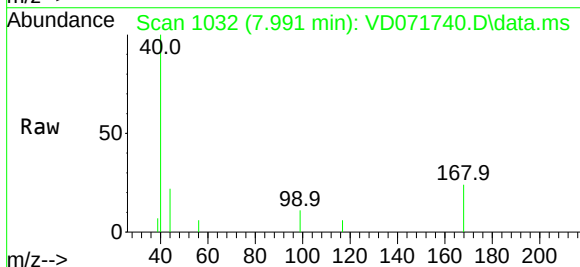
RT: 7.991 min Scan# 1032

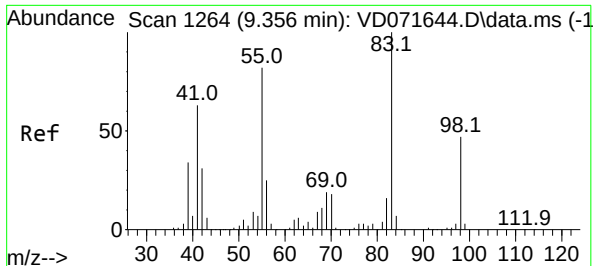
Delta R.T. -0.105 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

Tgt Ion: 117	Resp:	54
Ion	Ratio	Lower Upper
117	100	
119	0.0	73.4 110.2#
121	0.0	23.9 35.9#





#39

Methylcyclohexane

Concen: 4.305 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.011 min

Lab File: VD071740.D

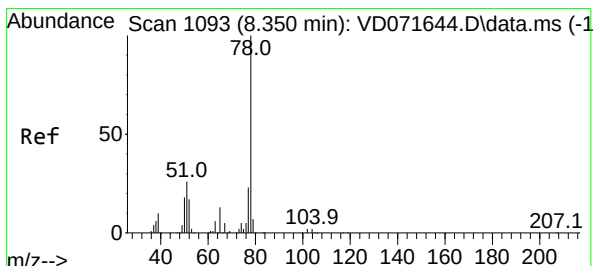
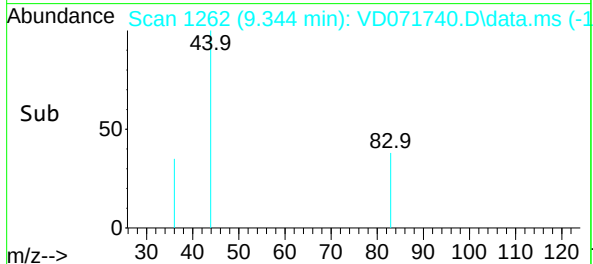
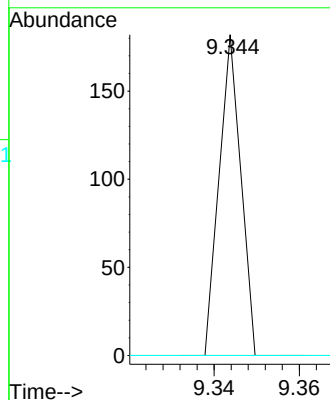
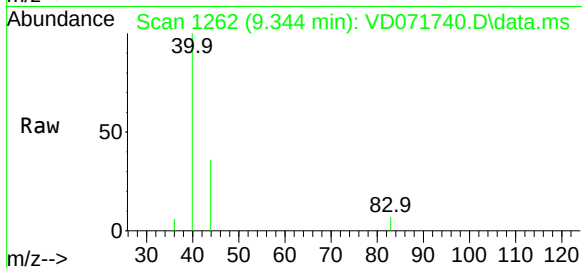
Acq: 19 Jan 2022 13:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 64
Ion Ratio	Lower Upper
83 100	
55 0.0	70.1 105.1#
98 0.0	39.2 58.8#



#40

Benzene

Concen: 7.515 ug/l

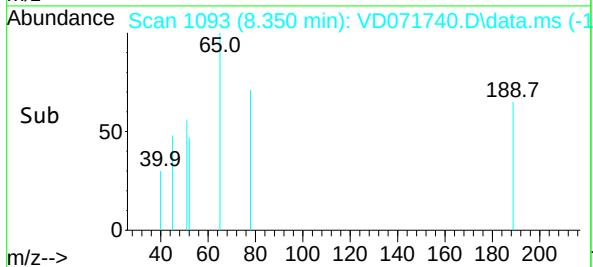
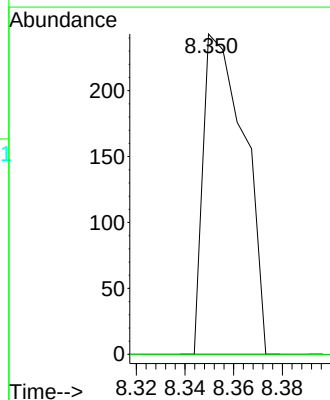
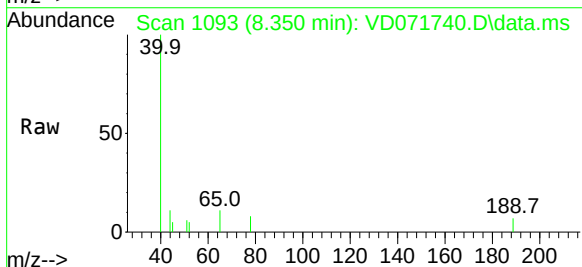
RT: 8.350 min Scan# 1093

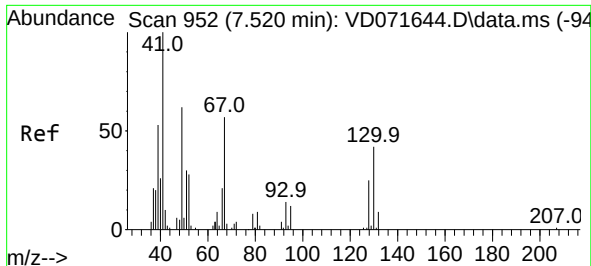
Delta R.T. 0.001 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

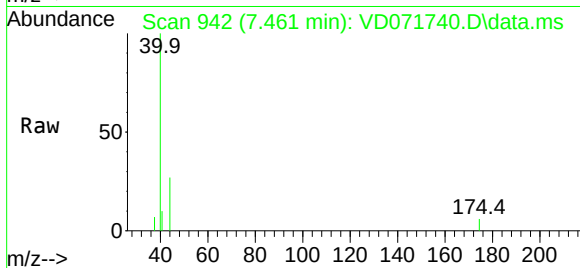
Tgt Ion: 78	Resp: 285
Ion Ratio	Lower Upper
78 100	
77 0.0	19.4 29.0#



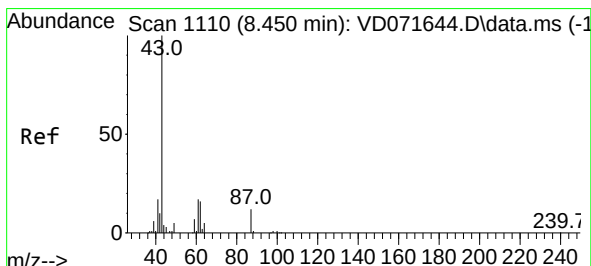
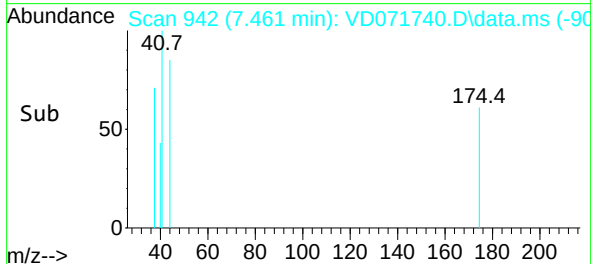
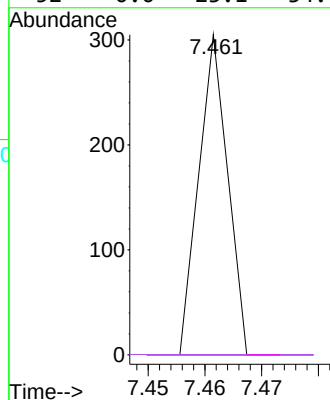


#41
Methacrylonitrile
Concen: 27.933 ug/l
RT: 7.461 min Scan# 941
Delta R.T. -0.059 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :

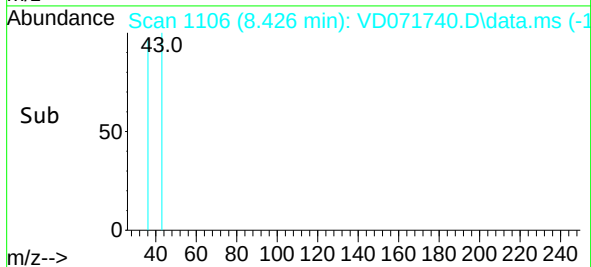
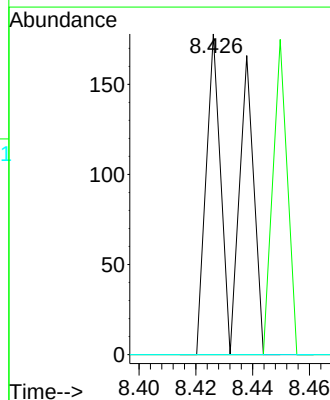
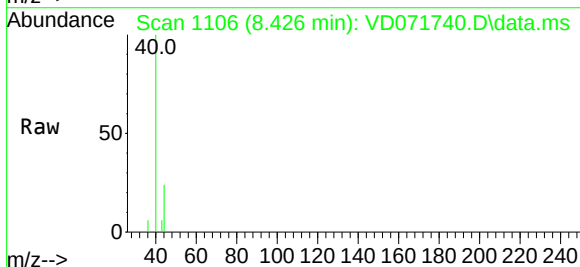


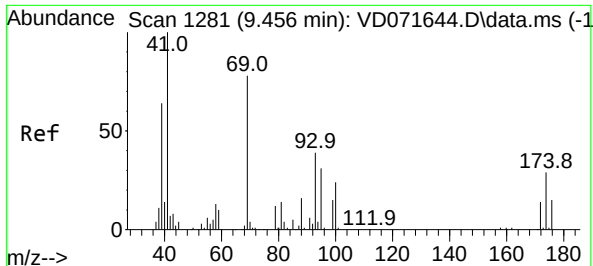
Tgt Ion: 41	Resp:	108
Ion	Ratio	Lower Upper
41	100	
39	0.0	46.9 70.3#
67	0.0	49.3 73.9#
52	0.0	23.1 34.7#



#43
Isopropyl Acetate
Concen: 10.063 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.023 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 43	Resp:	121
Ion	Ratio	Lower Upper
43	100	
61	0.0	21.9 32.9#
87	0.0	8.9 13.3#





#48

Methyl methacrylate

Concen: 9.710 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.035 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

Instrument :

MSVOA_D

ClientSampleId :

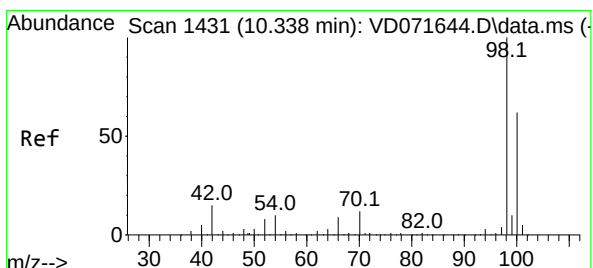
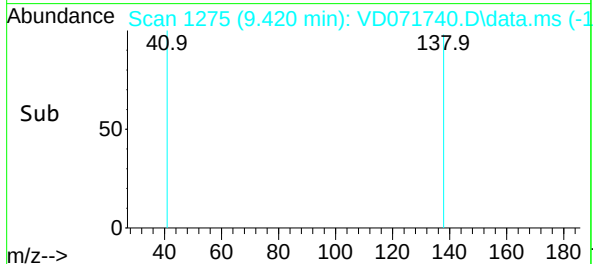
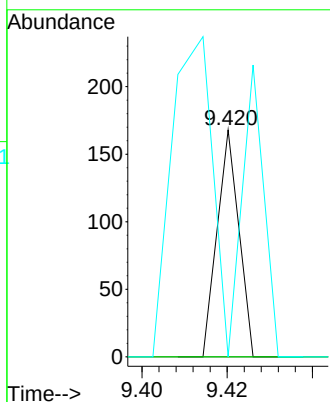
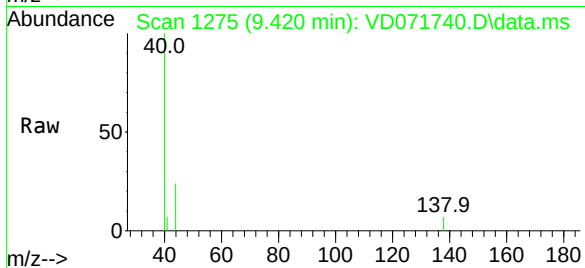
Tgt Ion: 41 Resp: 59

Ion Ratio Lower Upper

41 100

69 0.0 59.5 89.3#

39 396.6 56.0 84.0#



#50

Toluene-d8

Concen: 88.459 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.007 min

Lab File: VD071740.D

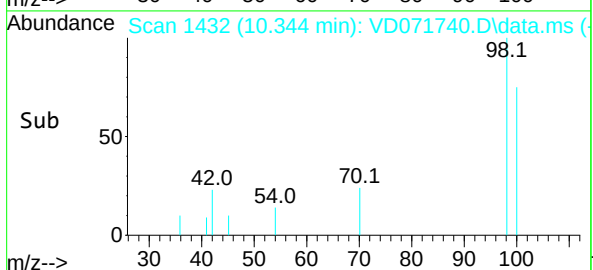
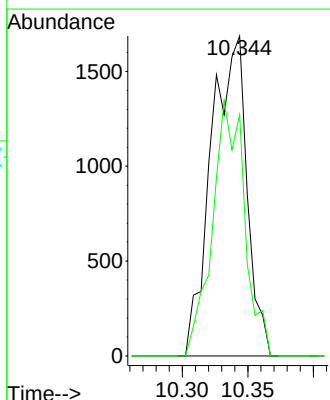
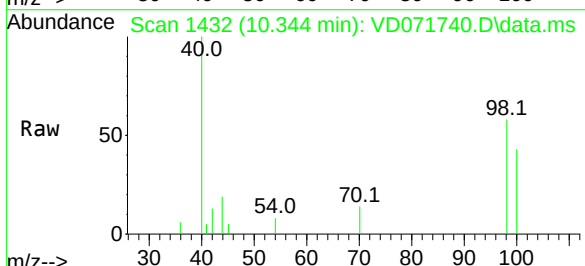
Acq: 19 Jan 2022 13:21

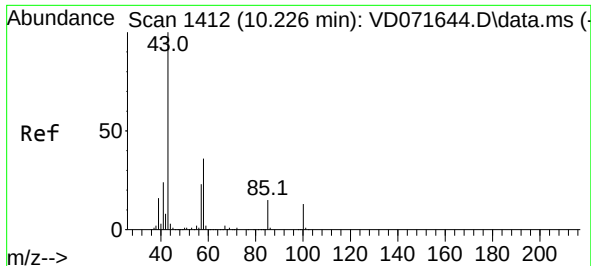
Tgt Ion: 98 Resp: 3195

Ion Ratio Lower Upper

98 100

100 71.8 52.1 78.1

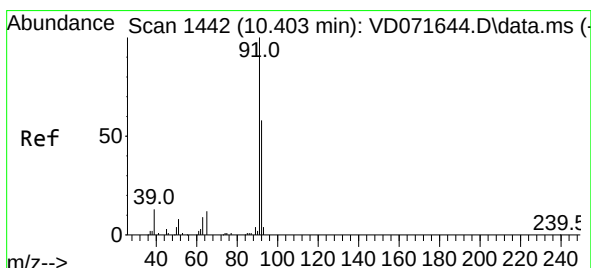
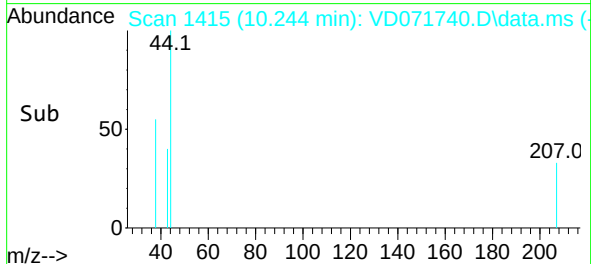
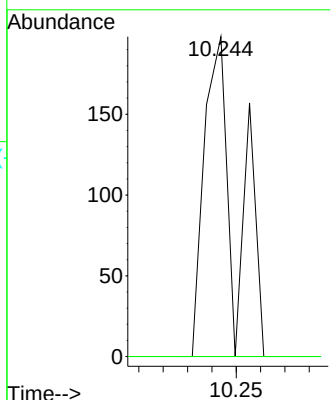
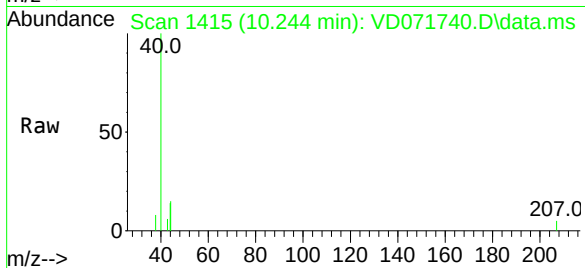




#51
4-Methyl-2-Pentanone
Concen: 28.339 ug/l
RT: 10.244 min Scan# 1415
Delta R.T. 0.018 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

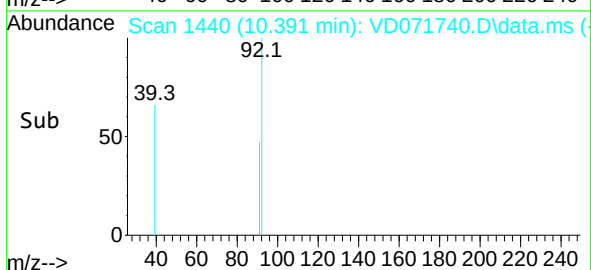
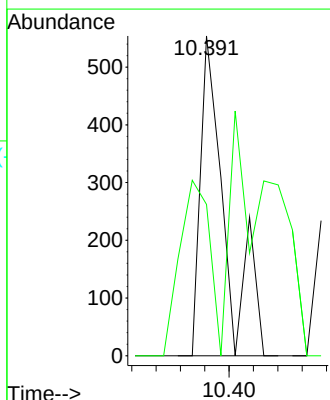
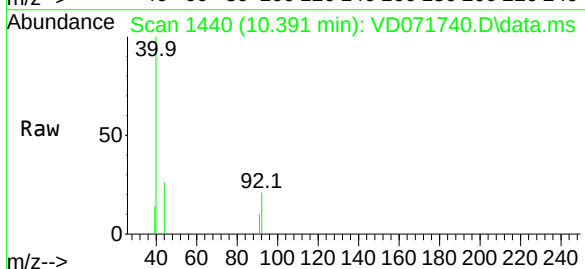
Instrument :
MSVOA_D
ClientSampleId :

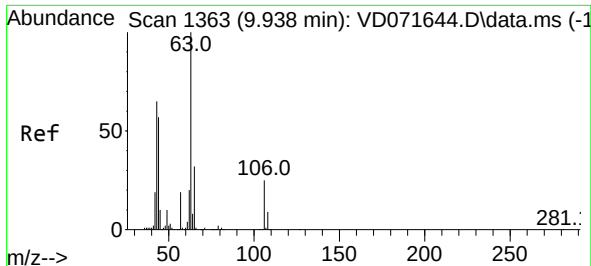
Tgt Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#52
Toluene
Concen: 16.296 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.011 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 92 Resp: 389
Ion Ratio Lower Upper
92 100
91 66.6 137.3 205.9#

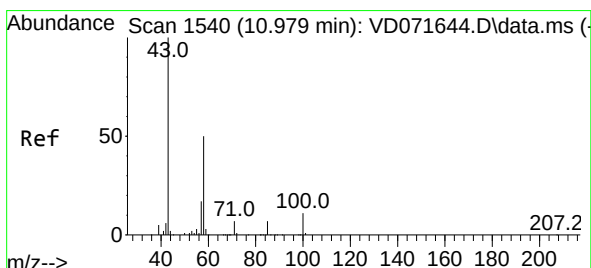
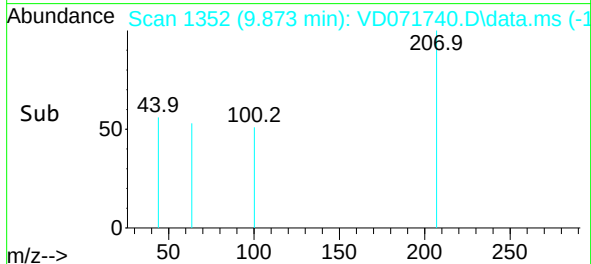
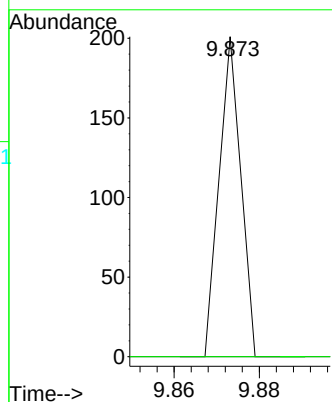
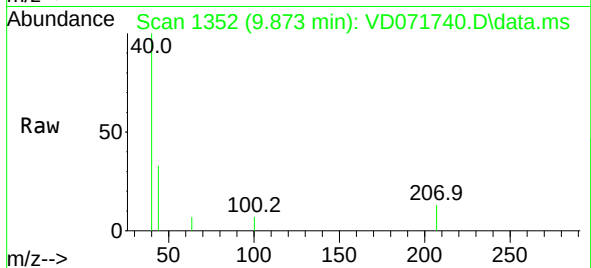




#58
2-Chloroethyl Vinyl ether
Concen: 15.254 ug/l
RT: 9.873 min Scan# 11
Delta R.T. -0.064 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

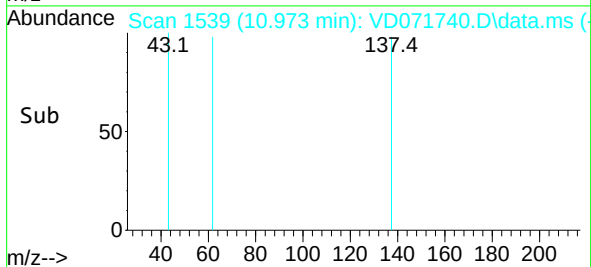
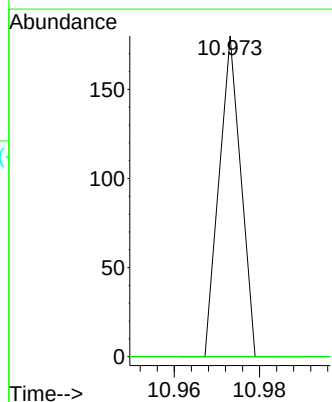
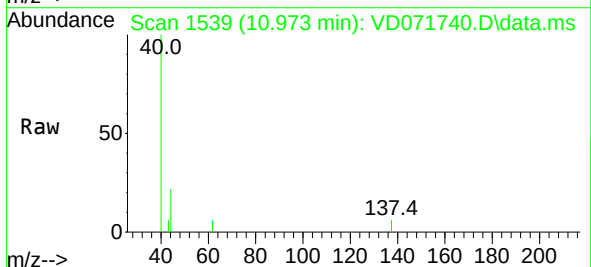
Instrument :
MSVOA_D
ClientSampleId :

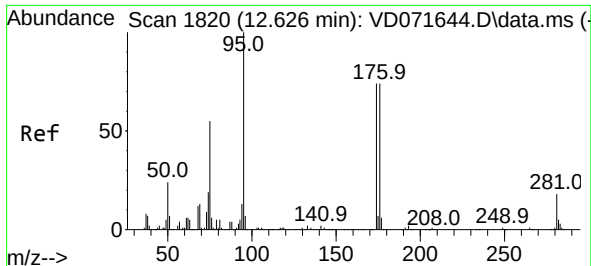
Tgt Ion: 63 Resp: 71
Ion Ratio Lower Upper
63 100
106 0.0 20.7 31.1#



#59
2-Hexanone
Concen: 14.201 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 24.3 72.8#

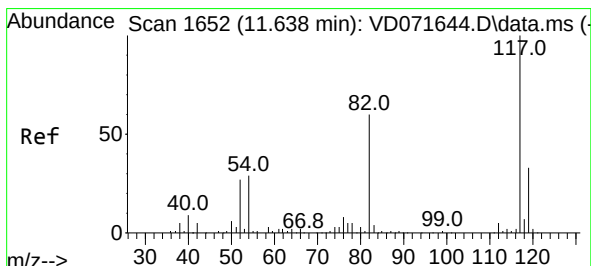
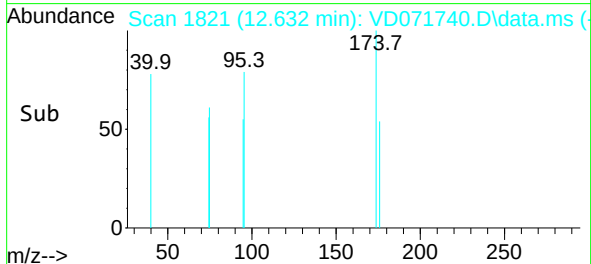
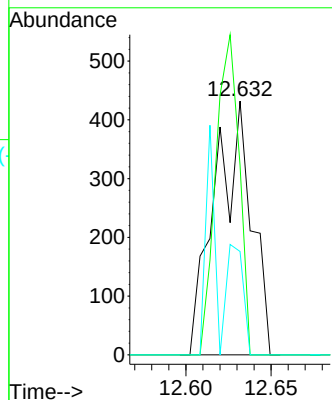
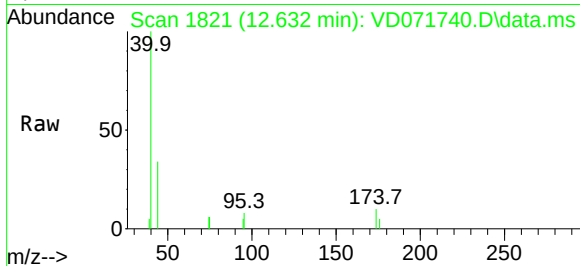




#62
4-Bromofluorobenzene
Concen: 50.679 ug/l
RT: 12.632 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

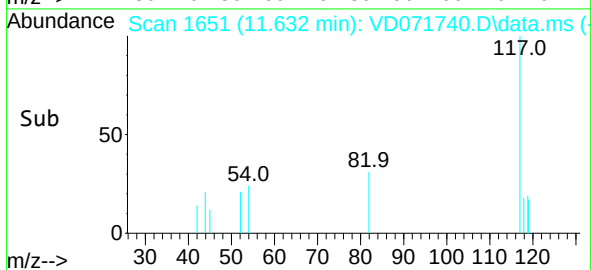
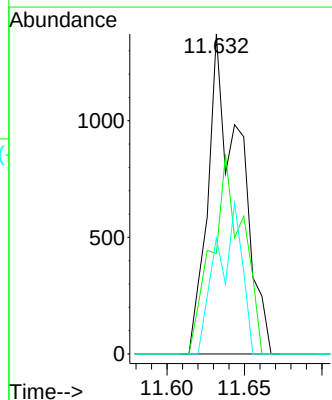
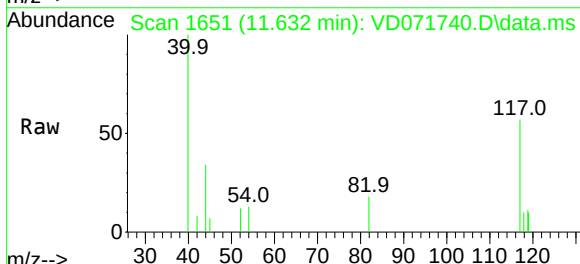
Instrument :
MSVOA_D
ClientSampleId :

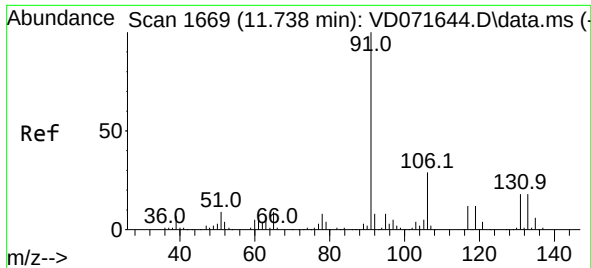
Tgt Ion: 95 Resp: 645
Ion Ratio Lower Upper
95 100
174 80.5 0.0 150.0
176 41.4 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.005 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 117 Resp: 1949
Ion Ratio Lower Upper
117 100
82 31.4 46.9 70.3#
119 36.2 26.6 39.8

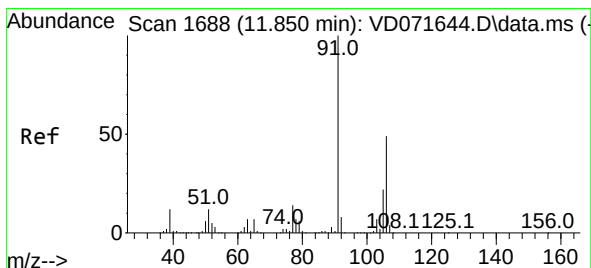
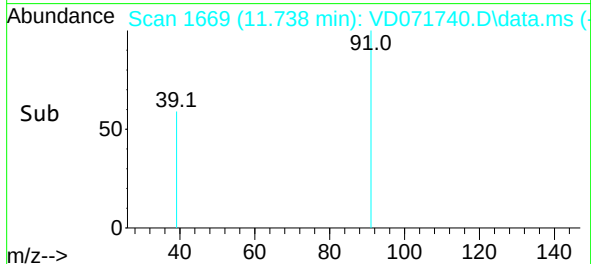
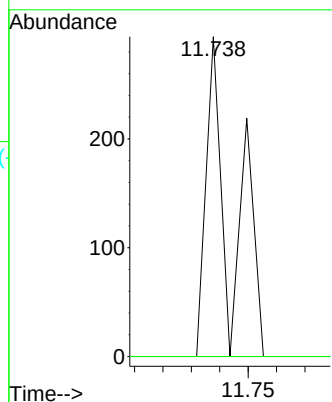
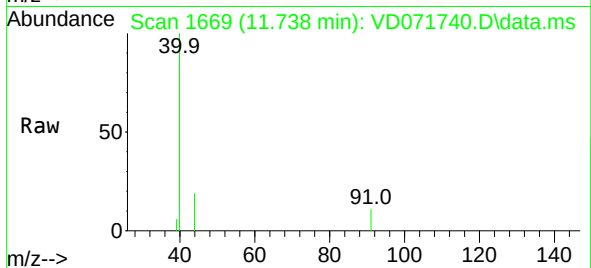




#67
Ethyl Benzene
Concen: 2.644 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

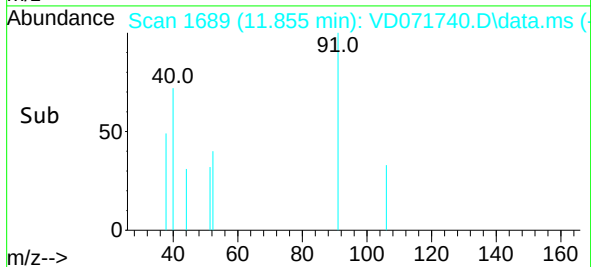
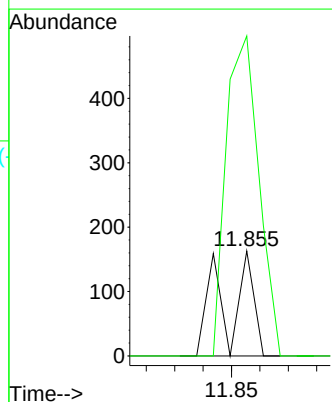
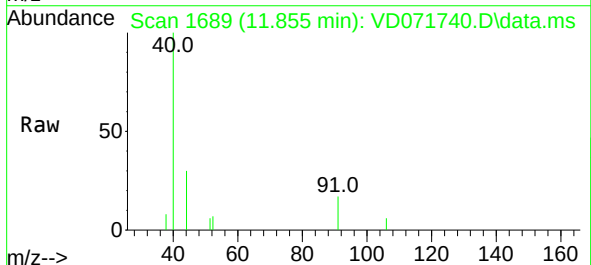
Instrument :
MSVOA_D
ClientSampleId :

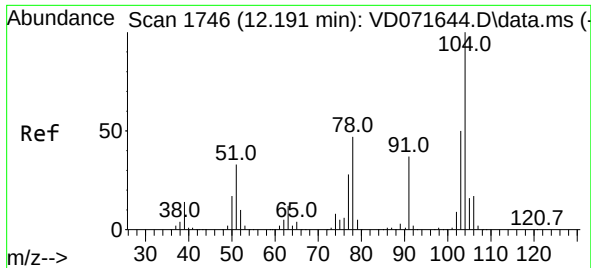
Tgt Ion: 91 Resp: 181
Ion Ratio Lower Upper
91 100
106 0.0 23.6 35.4#



#68
m/p-Xylenes
Concen: 4.477 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 106 Resp: 114
Ion Ratio Lower Upper
106 100
91 350.0 168.6 252.8#

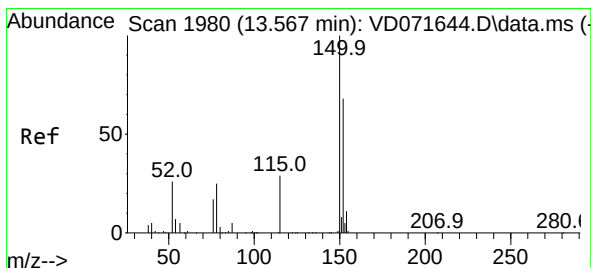
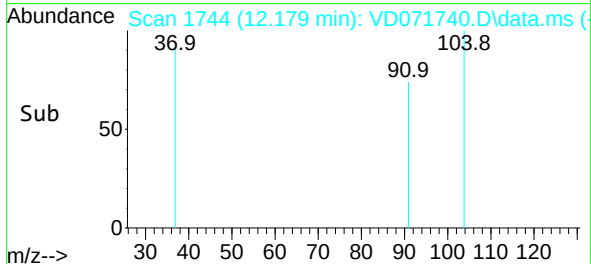
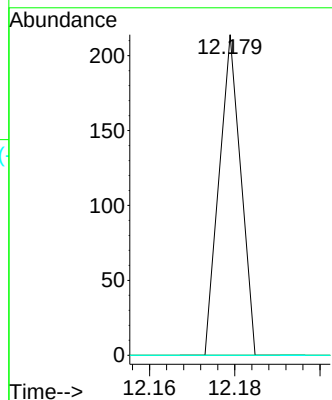
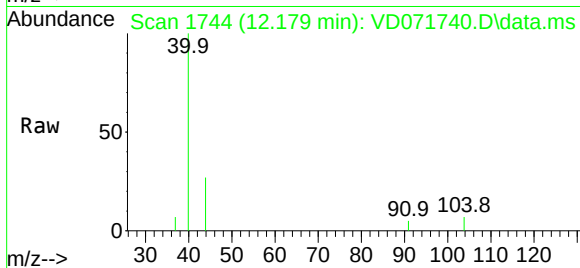




#70
Styrene
Concen: 1.840 ug/l
RT: 12.179 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

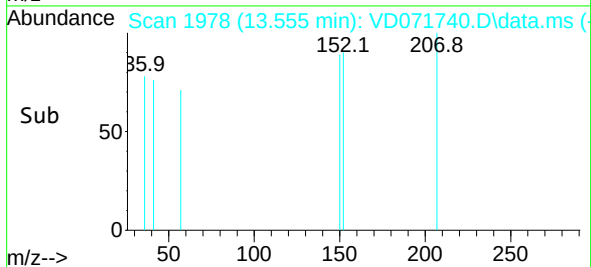
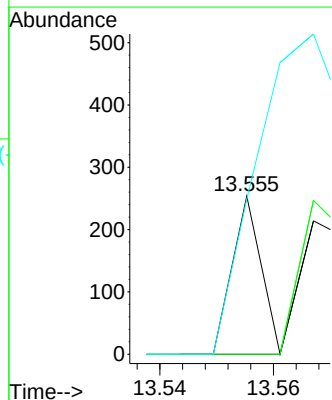
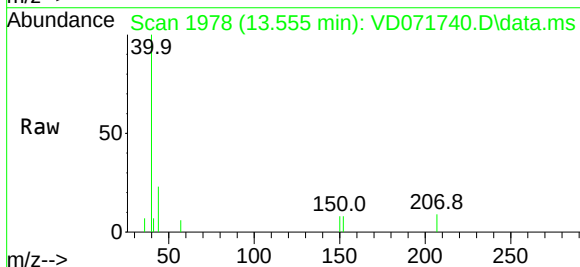
Instrument :
MSVOA_D
ClientSampleId :

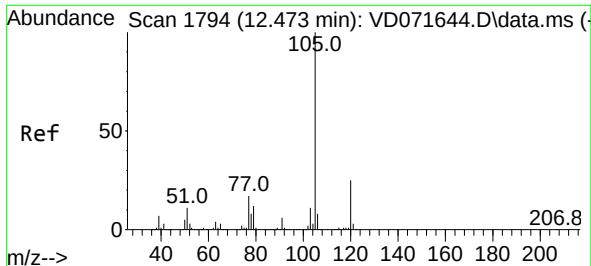
Tgt Ion:104 Resp: 76
Ion Ratio Lower Upper
104 100
78 0.0 42.8 64.2#
103 0.0 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.012 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion:152 Resp: 90
Ion Ratio Lower Upper
152 100
115 0.0 31.5 94.5#
150 691.1 0.0 348.0#

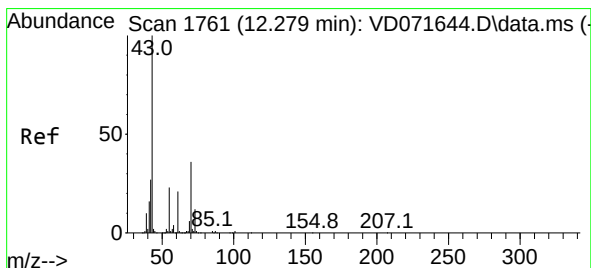
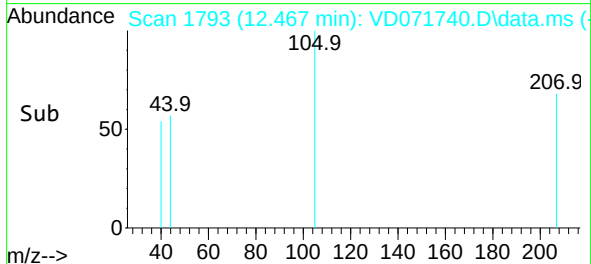
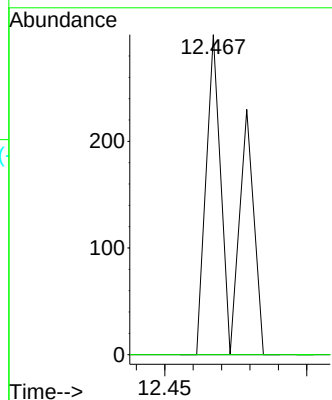
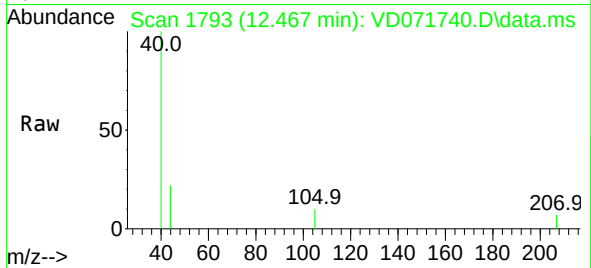




#73
Isopropylbenzene
Concen: 28.913 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

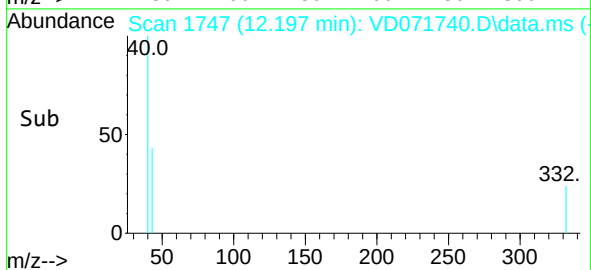
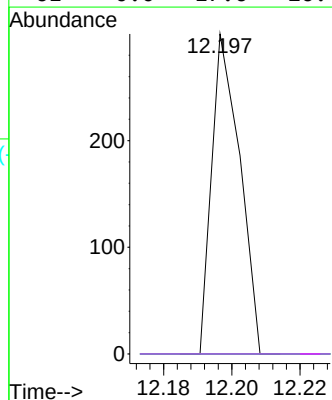
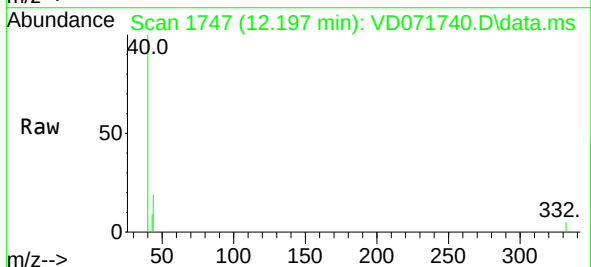
Instrument :
MSVOA_D
ClientSampleId :

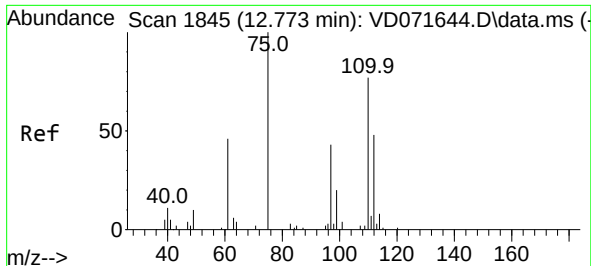
Tgt Ion:105 Resp: 187
Ion Ratio Lower Upper
105 100
120 0.0 12.5 37.5#



#74
N-ethyl acetate
Concen: 107.784 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. -0.081 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
70 0.0 29.5 44.3#
55 0.0 19.1 28.7#
61 0.0 17.6 26.4#

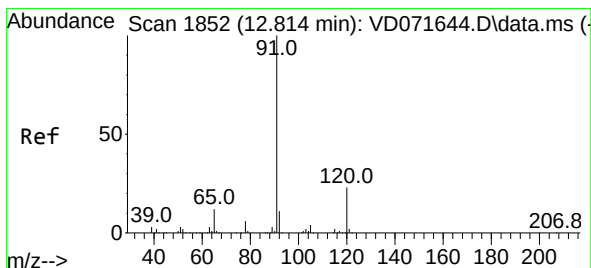
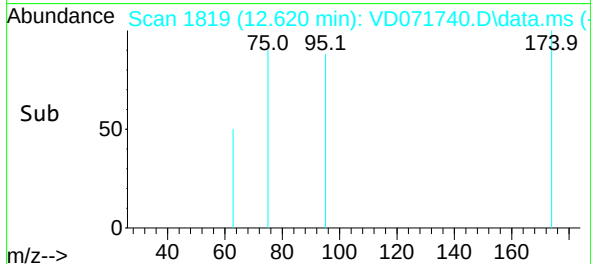
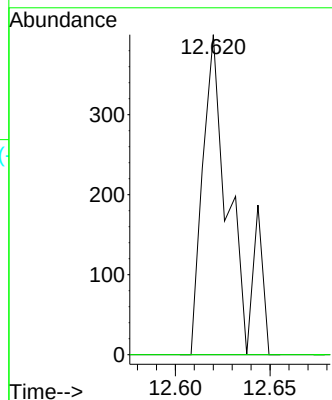
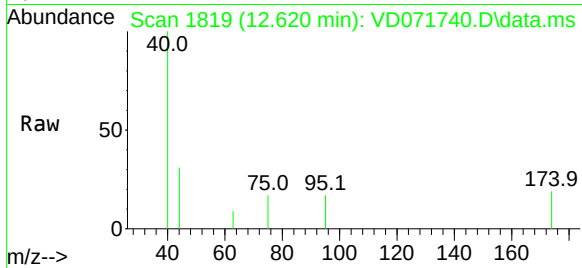




#76
1,2,3-Trichloropropane
Concen: 480.653 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

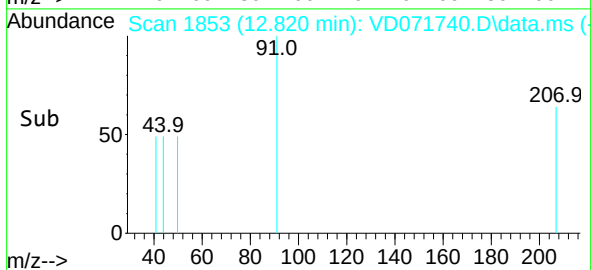
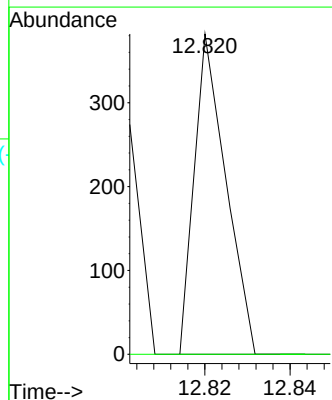
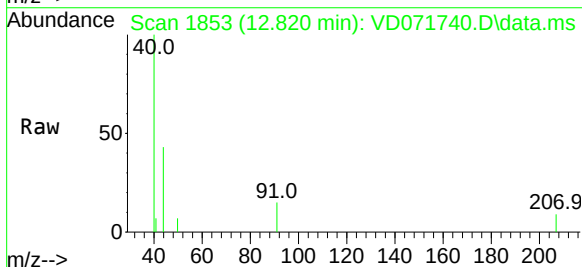
Instrument :
MSVOA_D
ClientSampleId :

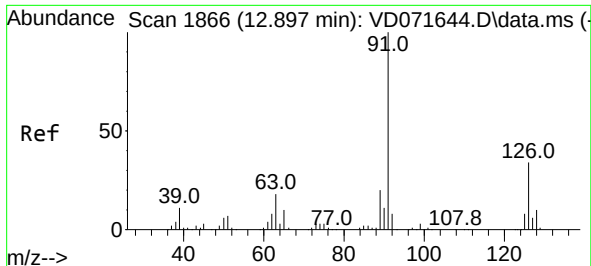
Tgt Ion: 75 Resp: 418
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 24.096 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 91 Resp: 196
Ion Ratio Lower Upper
91 100
120 0.0 10.9 32.7#





#79

2-Chlorotoluene

Concen: 42.752 ug/l

RT: 12.797 min Scan# 1849

Delta R.T. -0.105 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

Instrument :

MSVOA_D

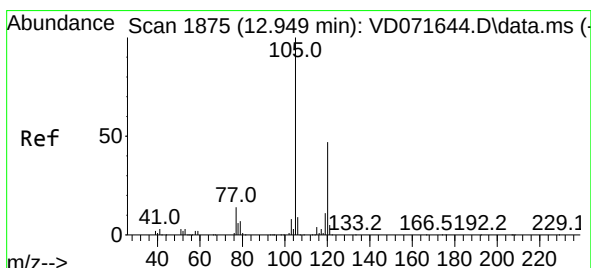
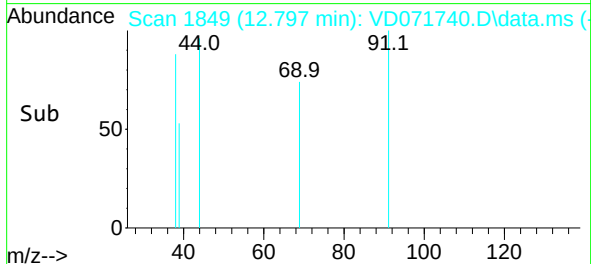
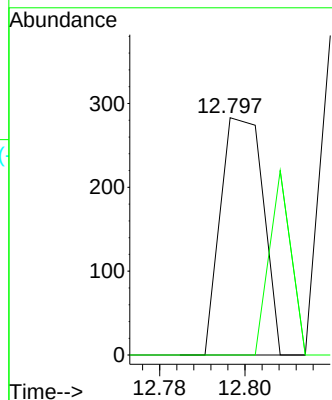
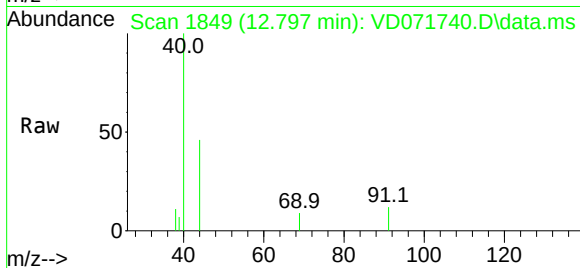
ClientSampleId :

Tgt Ion: 91 Resp: 196

Ion Ratio Lower Upper

91 100

126 39.8 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 12.768 ug/l

RT: 12.814 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VD071740.D

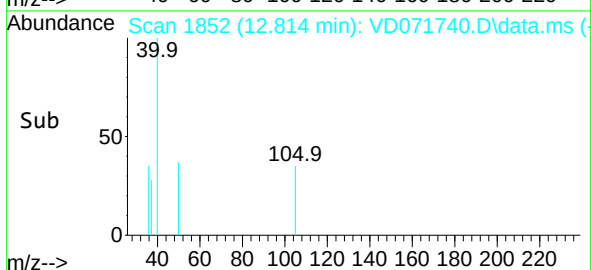
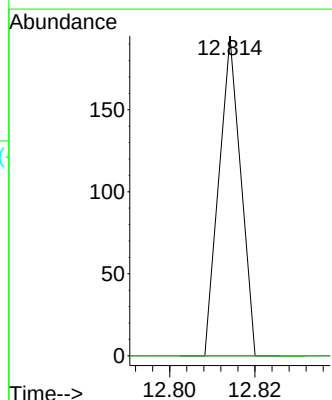
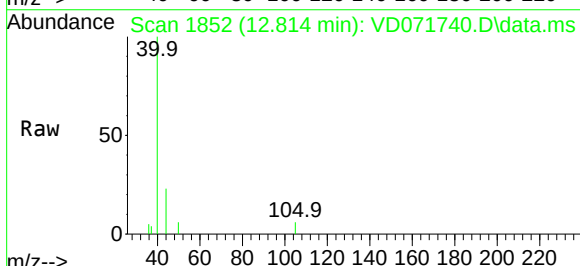
Acq: 19 Jan 2022 13:21

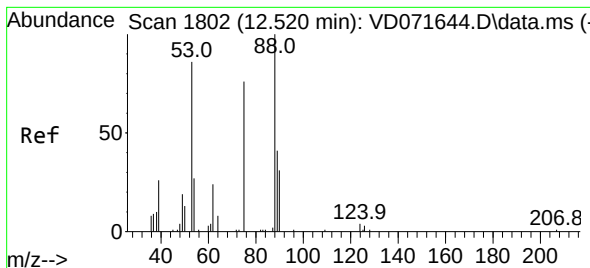
Tgt Ion: 105 Resp: 69

Ion Ratio Lower Upper

105 100

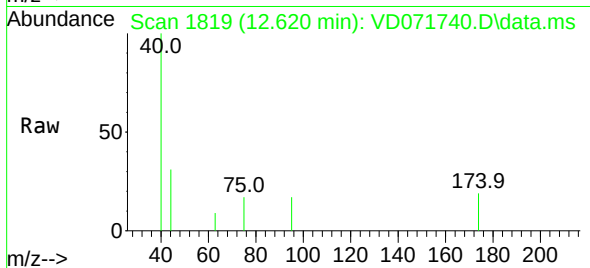
120 0.0 24.2 72.6#



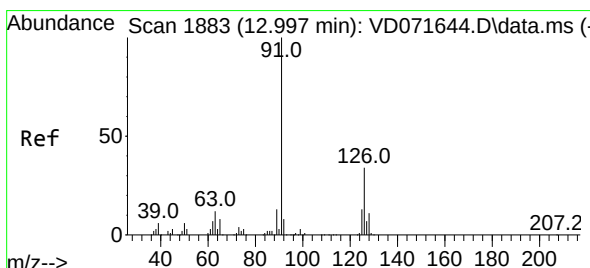
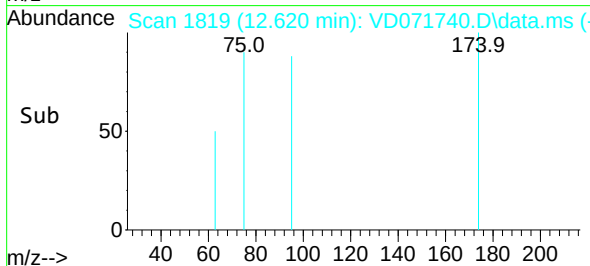
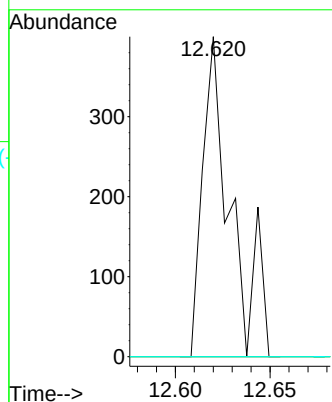


#81
trans-1,4-Dichloro-2-butene
Concen: 1340.004 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :

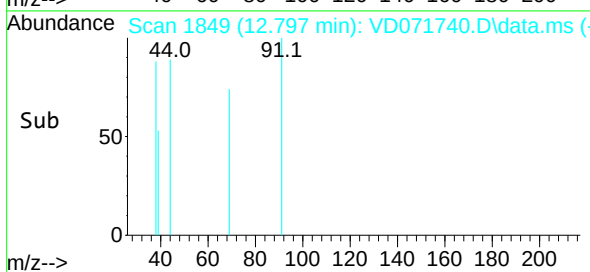
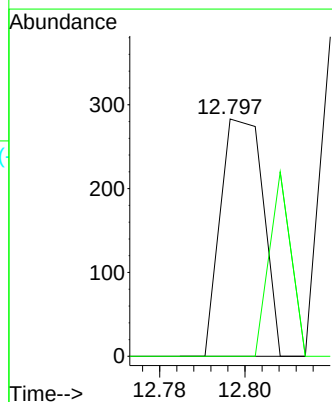
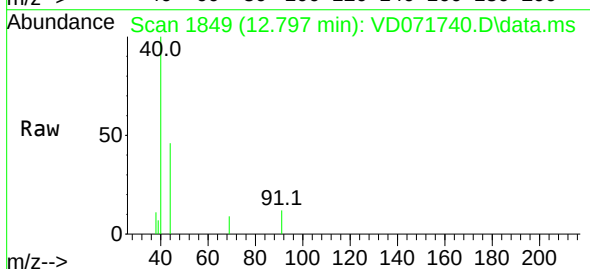


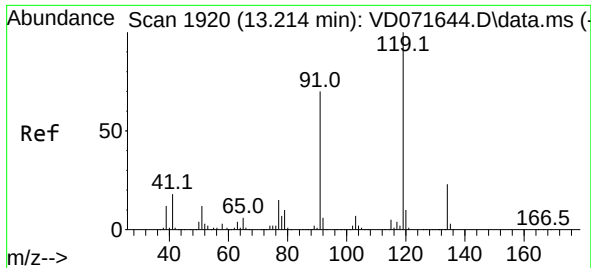
Tgt Ion: 75 Resp: 418
Ion Ratio Lower Upper
75 100
53 0.0 95.4 143.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 41.209 ug/l
RT: 12.797 min Scan# 1849
Delta R.T. -0.200 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

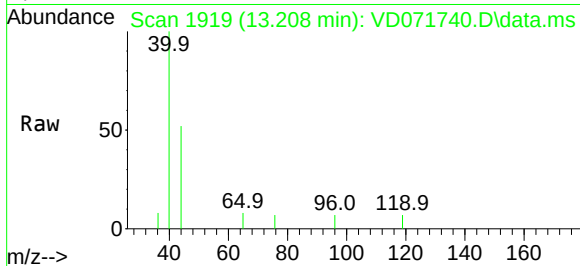
Tgt Ion: 91 Resp: 196
Ion Ratio Lower Upper
91 100
126 39.8 16.1 48.3



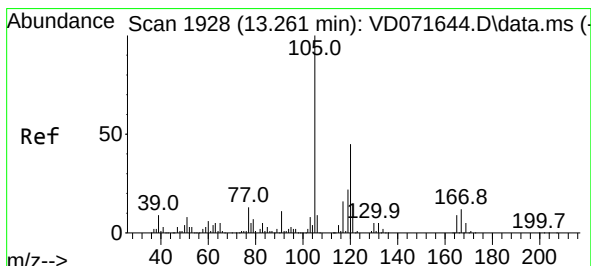
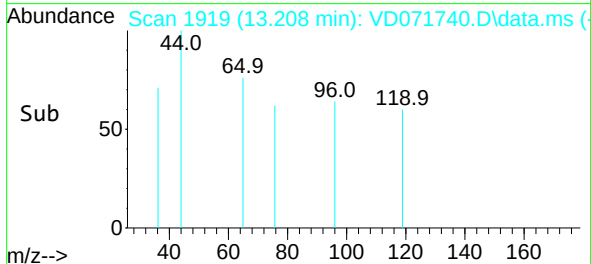
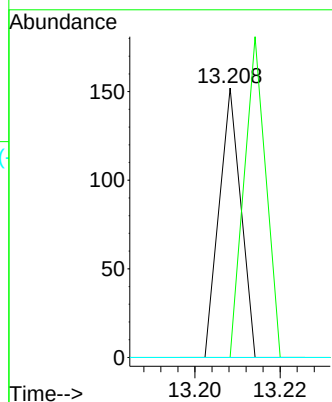


#83
tert-Butylbenzene
Concen: 11.694 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :

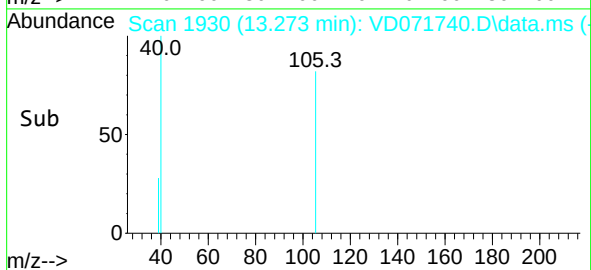
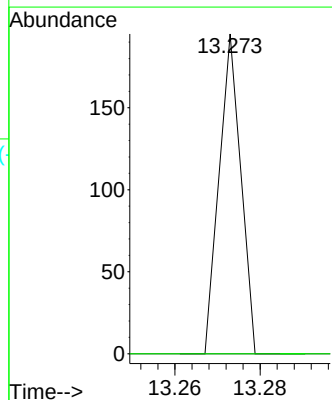
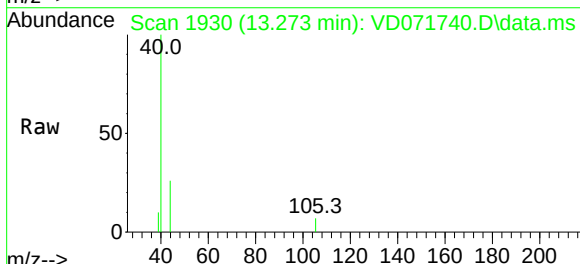


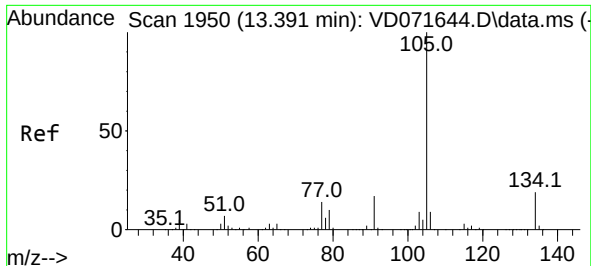
Tgt Ion:119 Resp: 54
Ion Ratio Lower Upper
119 100
91 118.5 35.6 106.8#
134 0.0 13.5 40.5#



#84
1,2,4-Trimethylbenzene
Concen: 12.911 ug/l
RT: 13.273 min Scan# 1930
Delta R.T. 0.012 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion:105 Resp: 69
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.9#

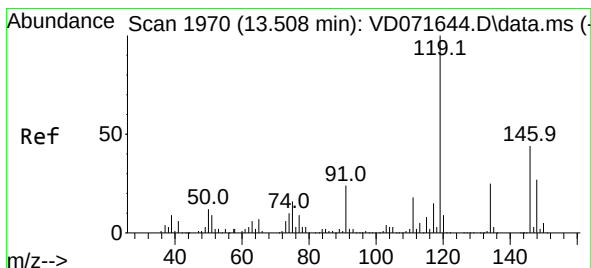
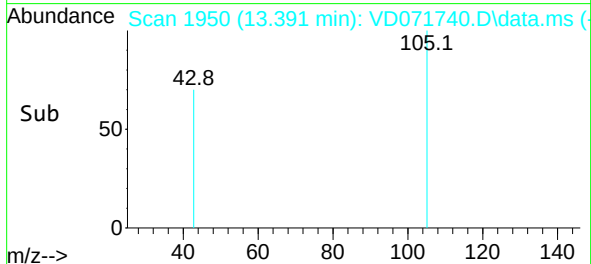
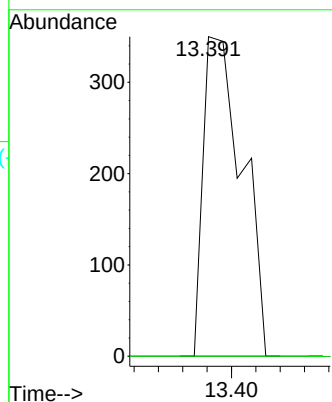
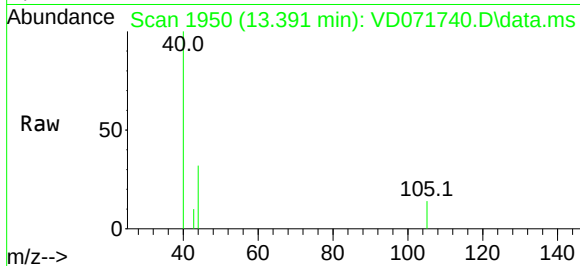




#85
 sec-Butylbenzene
 Concen: 55.284 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.001 min
 Lab File: VD071740.D
 Acq: 19 Jan 2022 13:21

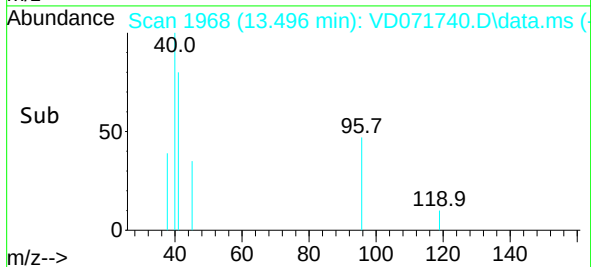
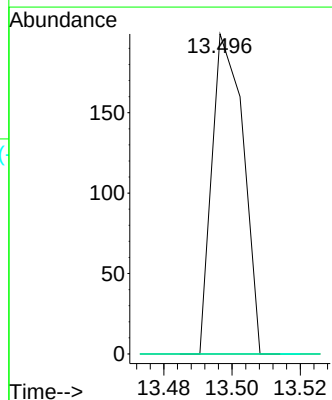
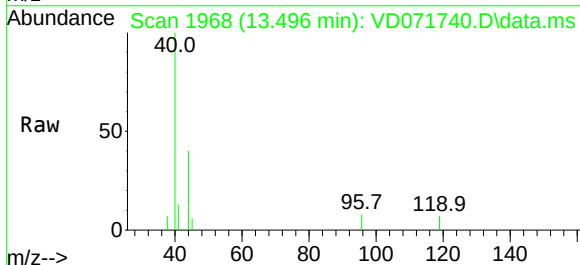
Instrument :
 MSVOA_D
 ClientSampleId :

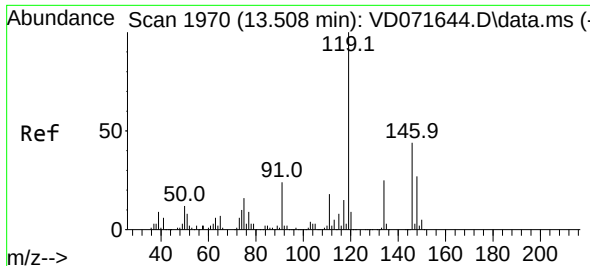
Tgt Ion:105 Resp: 391
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 21.871 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.012 min
 Lab File: VD071740.D
 Acq: 19 Jan 2022 13:21

Tgt Ion:119 Resp: 127
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.7 38.1#
 91 0.0 12.4 37.2#

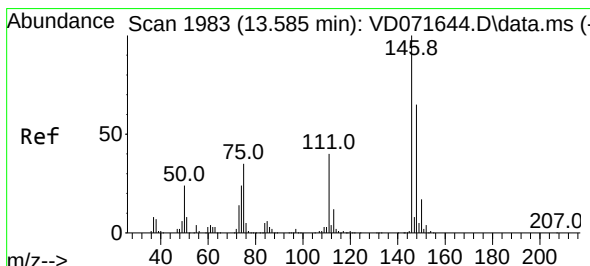
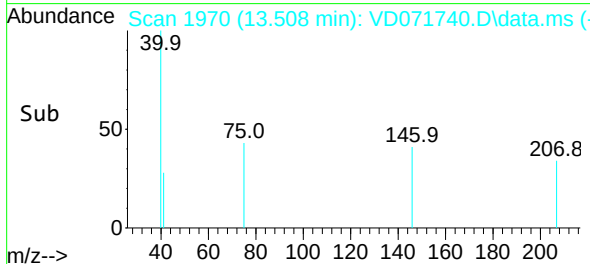
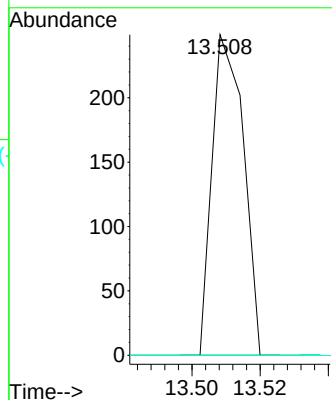
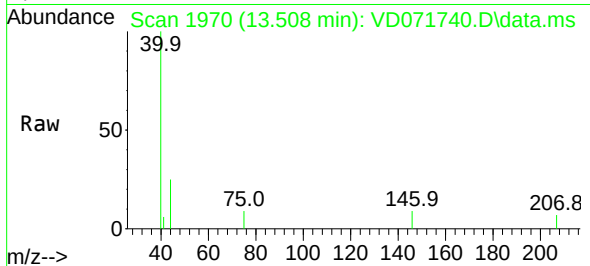




#87
 1,3-Dichlorobenzene
 Concen: 55.148 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071740.D
 Acq: 19 Jan 2022 13:21

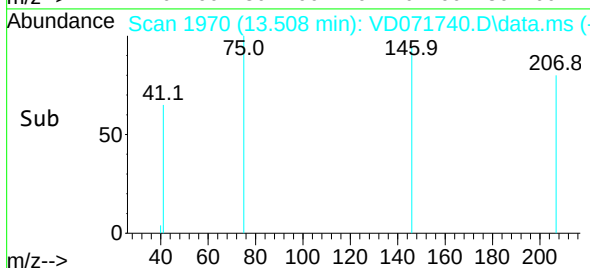
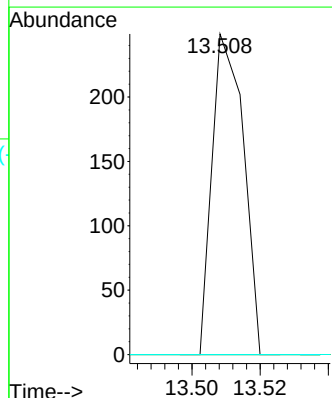
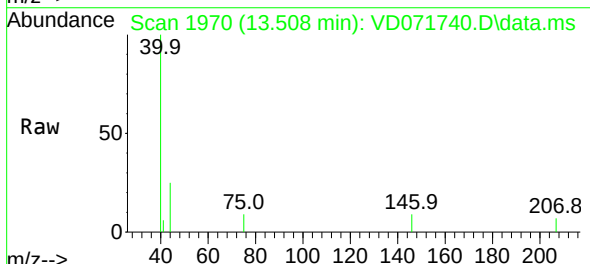
Instrument :
 MSVOA_D
 ClientSampleId :

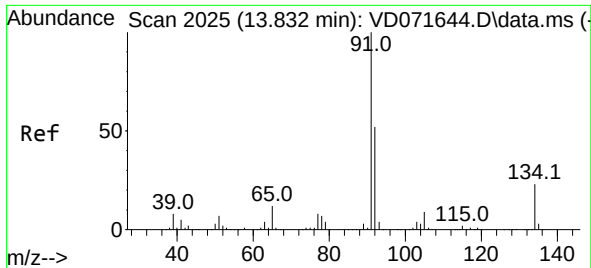
Tgt Ion:146 Resp: 159
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.8 62.5#
 148 0.0 31.3 93.8#



#88
 1,4-Dichlorobenzene
 Concen: 54.056 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.076 min
 Lab File: VD071740.D
 Acq: 19 Jan 2022 13:21

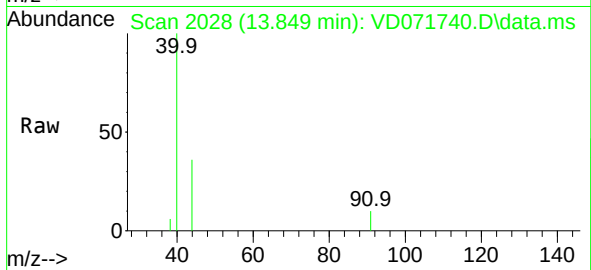
Tgt Ion:146 Resp: 159
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.7 62.1#
 148 0.0 32.3 96.9#



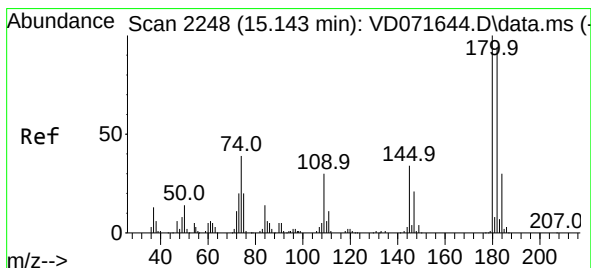
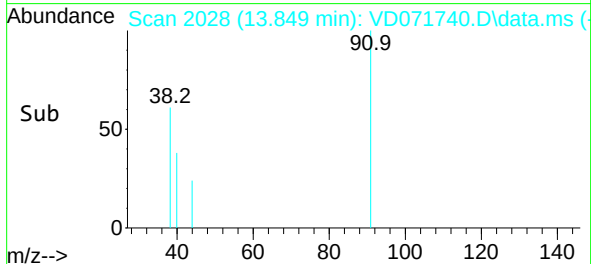
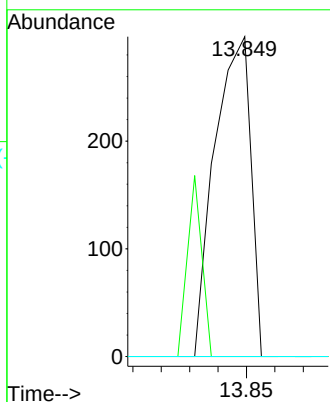


#89
n-Butylbenzene
Concen: 45.054 ug/l
RT: 13.849 min Scan# 20
Delta R.T. 0.018 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :

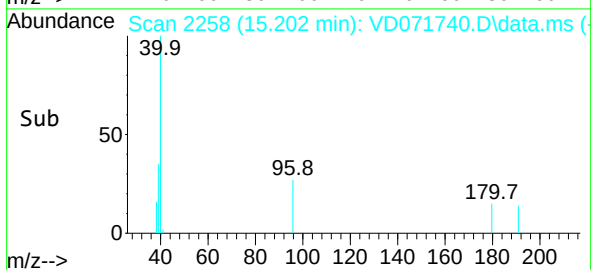
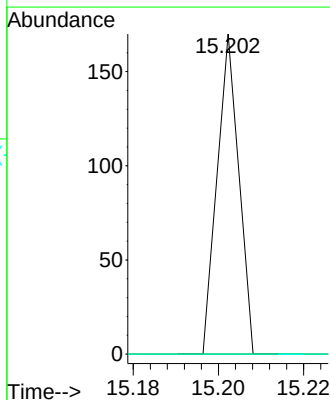
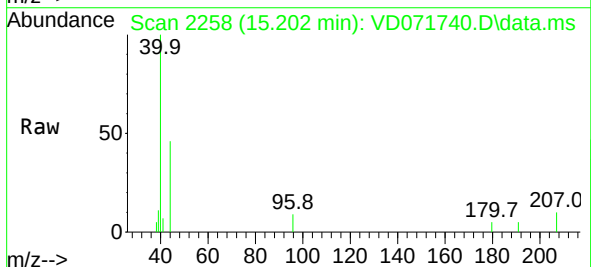


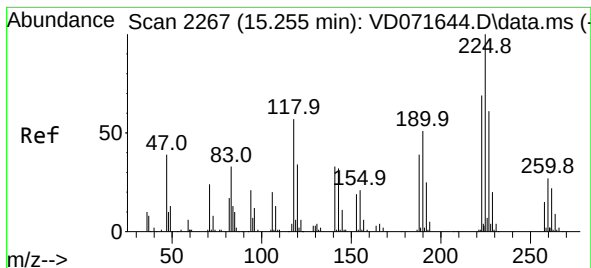
Tgt Ion: 91 Resp: 262
Ion Ratio Lower Upper
91 100
92 22.5 26.6 79.8#
134 0.0 12.1 36.3#



#93
1,2,4-Trichlorobenzene
Concen: 42.134 ug/l
RT: 15.202 min Scan# 2258
Delta R.T. 0.053 min
Lab File: VD071740.D
Acq: 19 Jan 2022 13:21

Tgt Ion: 180 Resp: 60
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 16.4 49.4#





#94

Hexachlorobutadiene

Concen: 68.278 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD071740.D

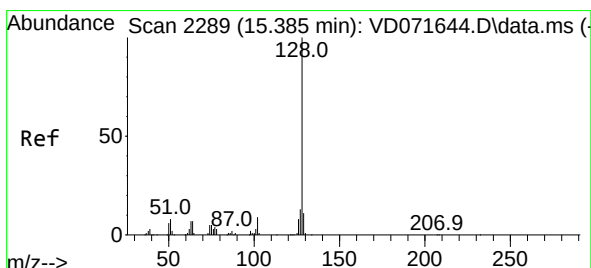
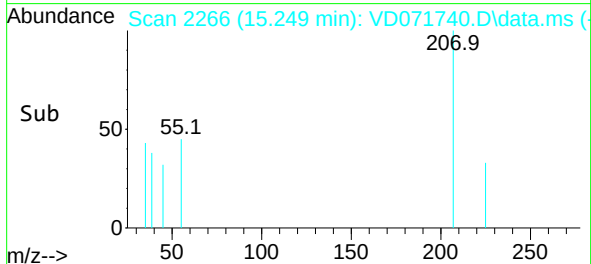
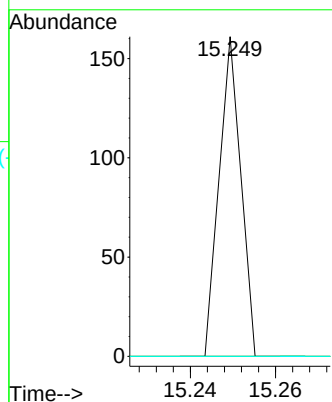
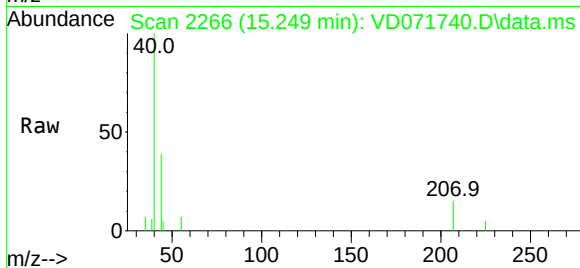
Acq: 19 Jan 2022 13:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	225	Resp:	57
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.3	93.9#
227	0.0	31.4	94.3#



#95

Naphthalene

Concen: 86.068 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.001 min

Lab File: VD071740.D

Acq: 19 Jan 2022 13:21

Tgt Ion:	128	Resp:	217
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	0.0	9.1	13.7#

