

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073576.D
 Acq On : 14 Jun 2022 18:34
 Operator : VA/SY
 Sample : N3293-06
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40804

Quant Time: Jun 15 01:37:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	186919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	363460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	391561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	182152	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	101405	50.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.100%
35) Dibromofluoromethane	7.909	113	115644	49.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.332	98	425431	48.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.620	95	234217	73.012	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	146.020%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	439	4.347	ug/l #	64
11) Tert butyl alcohol	5.203	59	19095	Below Cal	#	87
13) Acrolein	3.921	56	46968	531.635	ug/l	99
14) Allyl chloride	4.644	41	12476	4.595	ug/l #	32
15) Acrylonitrile	5.415	53	4003	9.274	ug/l #	74
16) Acetone	4.150	43	1334608	3778.735	ug/l	92
18) Methyl Acetate	4.720	43	12713	13.788	ug/l #	83
20) Methylene Chloride	4.950	84	21659	6.976	ug/l #	85
25) 2-Butanone	7.209	43	327212	629.639	ug/l	92
29) Tetrahydrofuran	7.550	42	3715	11.206	ug/l #	88
31) Cyclohexane	7.973	56	6747	1.997	ug/l #	10
36) 1,1-Dichloropropene	7.967	75	15287	4.355	ug/l #	52
37) Ethyl Acetate	7.285	43	10350	7.299	ug/l #	92
38) Carbon Tetrachloride	7.973	117	19851	5.406	ug/l #	16
39) Methylcyclohexane	9.344	83	21397	5.231	ug/l	97
41) Methacrylonitrile	7.538	41	4176	5.432	ug/l #	44
43) Isopropyl Acetate	8.567	43	76527	28.051	ug/l #	54
45) 1,2-Dichloropropane	9.426	63	4524	1.789	ug/l #	1
48) Methyl methacrylate	9.420	41	1315305	973.314	ug/l #	49
49) 1,4-Dioxane	9.303	88	67	4.088	ug/l #	1
51) 4-Methyl-2-Pentanone	10.220	43	52295	37.884	ug/l	96
52) Toluene	10.397	92	131852	20.134	ug/l	97
55) 1,1,2-Trichloroethane	10.767	97	57086	28.090	ug/l #	20
56) Ethyl methacrylate	10.667	69	9629	4.135	ug/l #	18
59) 2-Hexanone	10.944	43	84859	89.762	ug/l #	27
67) Ethyl Benzene	11.732	91	828760	58.865	ug/l	99
68) m/p-Xylenes	11.838	106	1231225	222.848	ug/l	100
69) o-Xylene	12.167	106	809531	159.237	ug/l	96
70) Styrene	12.167	104	40933	4.668	ug/l #	1
73) Isopropylbenzene	12.467	105	498136	39.454	ug/l	99
74) N-amyl acetate	12.261	43	729395	259.690	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.661	83	31967	13.337	ug/l #	1
76) 1,2,3-Trichloropropane	12.808	75	14101	7.969	ug/l #	100
78) n-propylbenzene	12.808	91	2203792	140.230	ug/l	98
79) 2-Chlorotoluene	12.873	91	741201	81.138	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.949	105	2345181	215.367	ug/l	100

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

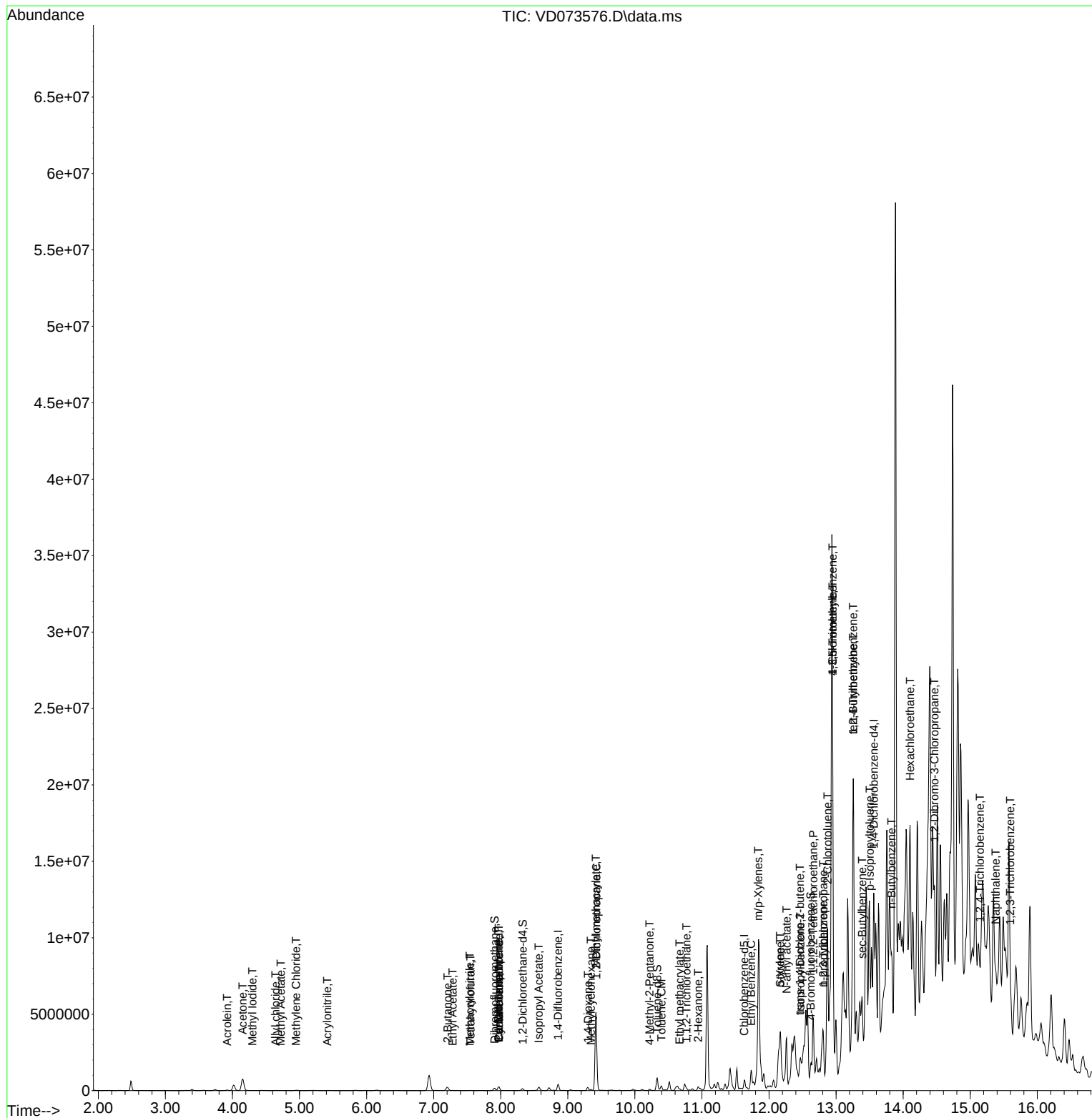
81) trans-1,4-Dichloro-2-b...	12.461	75	8123	10.775	ug/l #	1	
82) 4-Chlorotoluene	12.949	91	275190	28.575	ug/l #	52	
83) tert-Butylbenzene	13.255	119	1278451	138.913	ug/l #	70	
84) 1,2,4-Trimethylbenzene	13.255	105	9915235	912.311	ug/l	95	
85) sec-Butylbenzene	13.391	105	1311483	95.127	ug/l	84	
86) p-Isopropyltoluene	13.502	119	800405	69.645	ug/l	99	
89) n-Butylbenzene	13.826	91	3178278	293.162	ug/l #	74	
90) Hexachloroethane	14.102	117	414147	174.011	ug/l #	17	
92) 1,2-Dibromo-3-Chloropr...	14.467	75	24142	63.069	ug/l #	6	
93) 1,2,4-Trichlorobenzene	15.143	180	9232	2.839	ug/l #	1	
95) Naphthalene	15.379	128	1299965	185.176	ug/l #	88	
96) 1,2,3-Trichlorobenzene	15.596	180	78651	27.699	ug/l #	24	

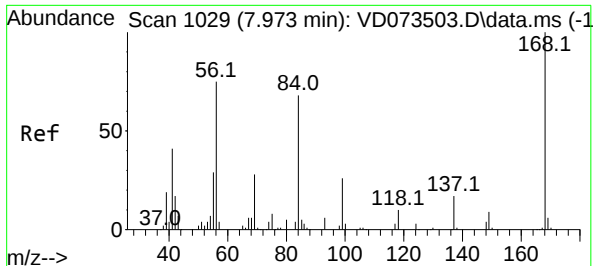
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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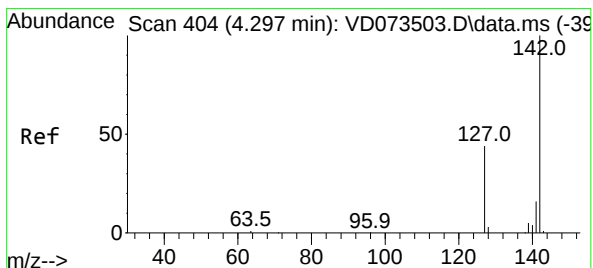
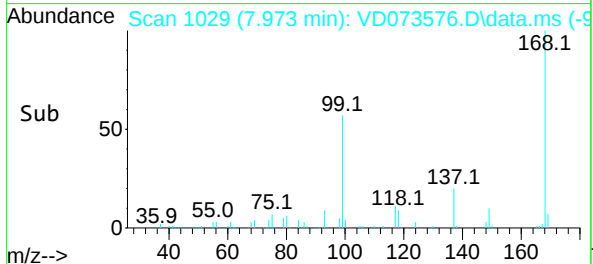
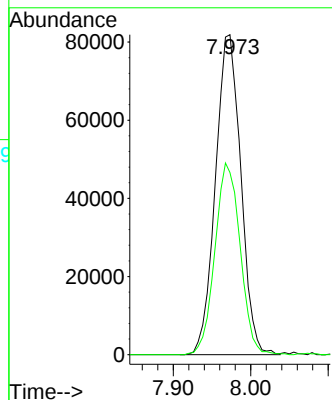
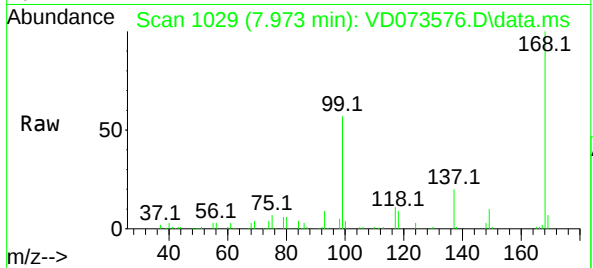




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

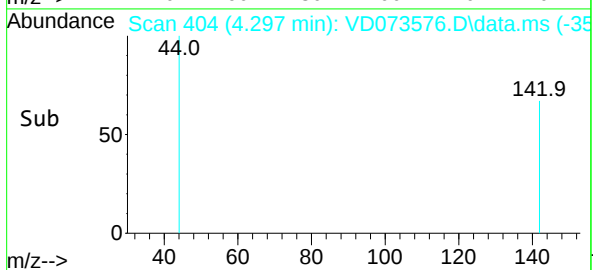
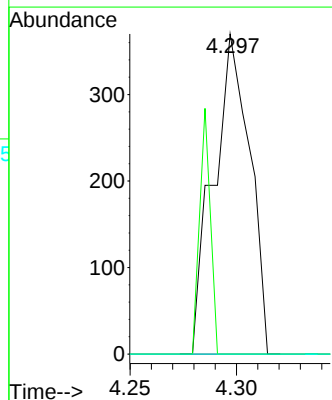
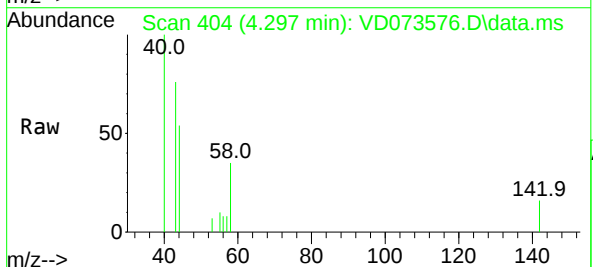
Instrument :
MSVOA_D
ClientSampleId :
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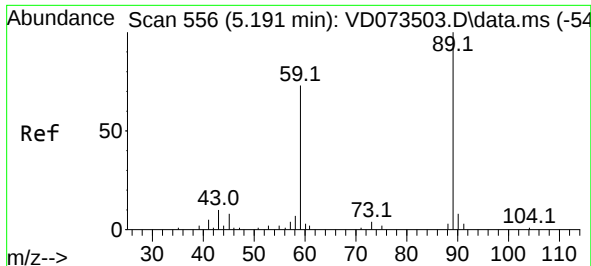
Tgt Ion:168 Resp: 186919
Ion Ratio Lower Upper
168 100
99 56.9 49.8 74.6



#10
Methyl Iodide
Concen: 4.347 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion:142 Resp: 439
Ion Ratio Lower Upper
142 100
127 22.8 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.203 min Scan# 51

Delta R.T. 0.012 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

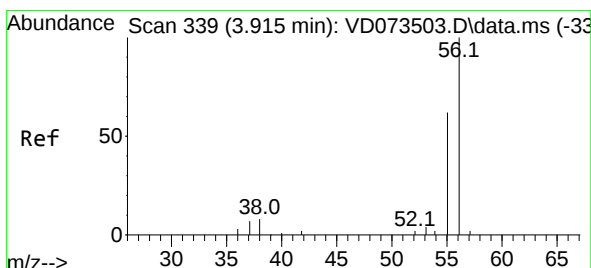
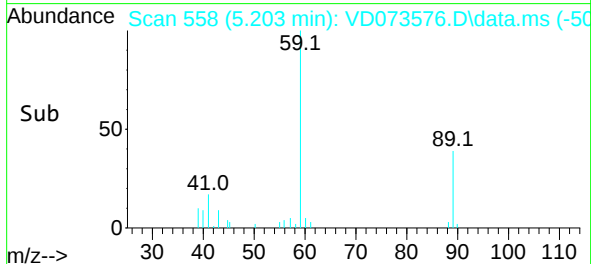
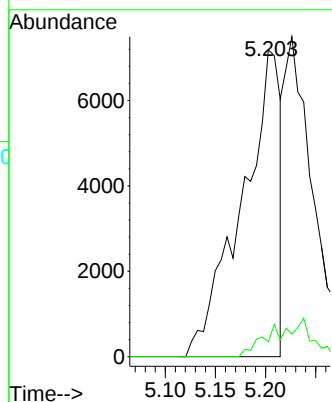
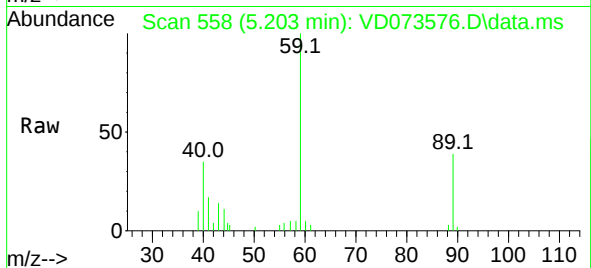
40804

Tgt Ion: 59 Resp: 19095

Ion Ratio Lower Upper

59 100

57 5.0 7.8 11.6#



#13

Acrolein

Concen: 531.635 ug/l

RT: 3.921 min Scan# 340

Delta R.T. 0.006 min

Lab File: VD073576.D

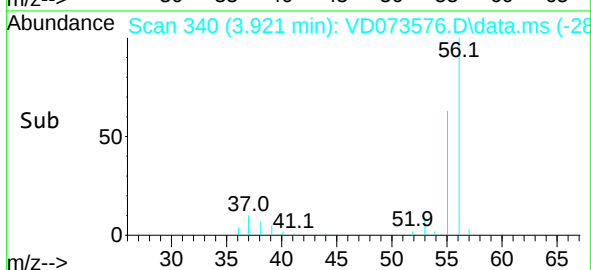
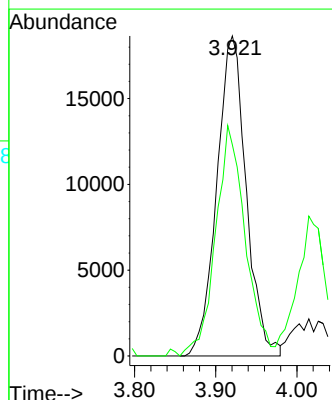
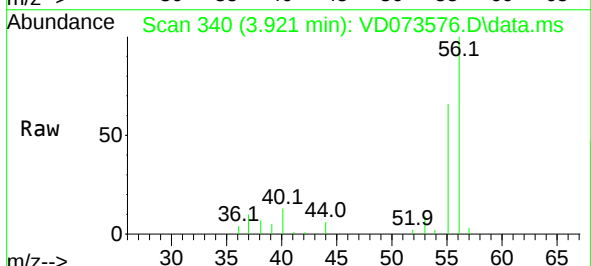
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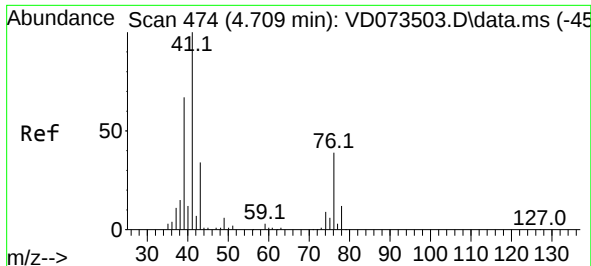
Tgt Ion: 56 Resp: 46968

Ion Ratio Lower Upper

56 100

55 72.4 57.1 85.7

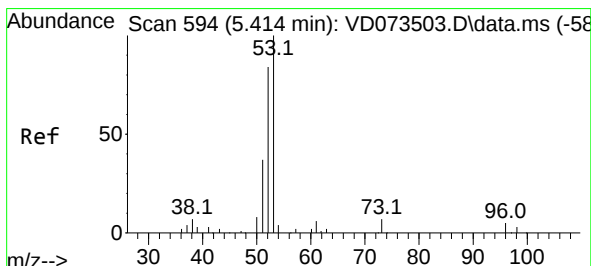
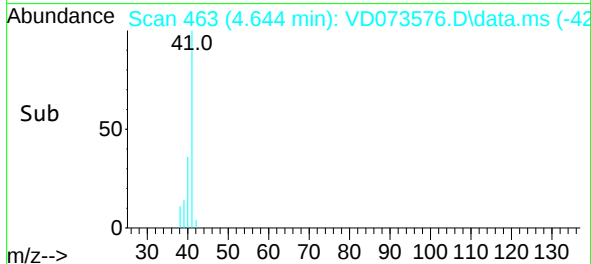
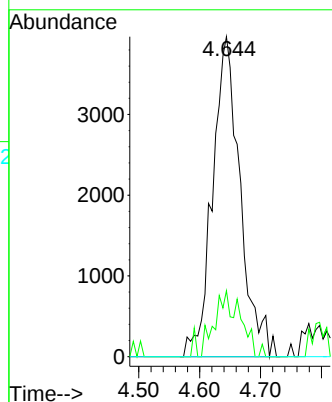
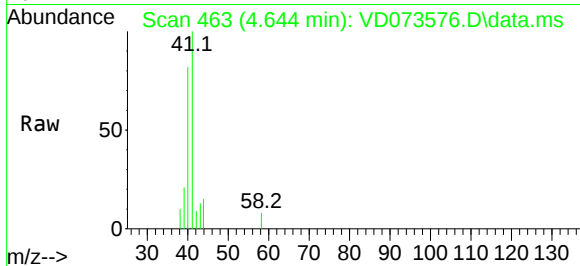




#14
 Allyl chloride
 Concen: 4.595 ug/l
 RT: 4.644 min Scan# 41
 Delta R.T. -0.065 min
 Lab File: VD073576.D
 Acq: 14 Jun 2022 18:34

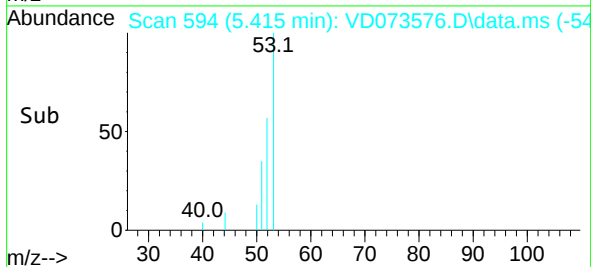
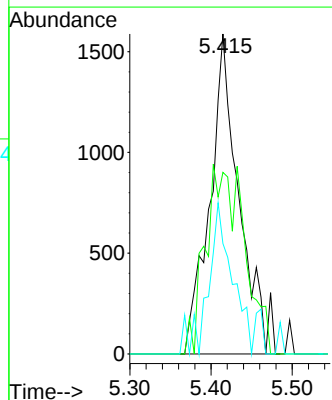
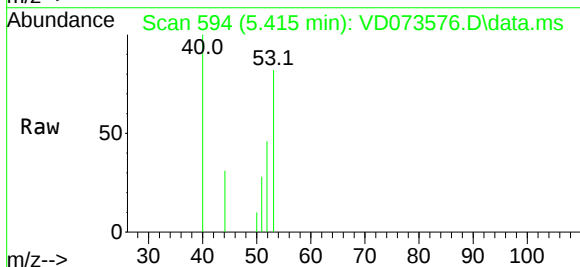
Instrument :
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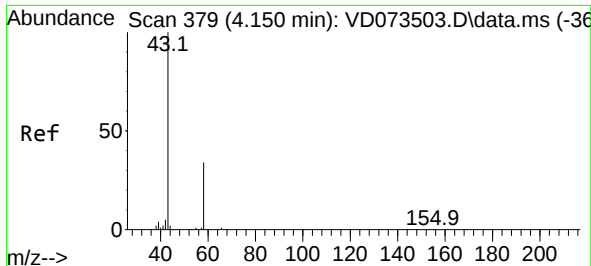
Tgt Ion: 41 Resp: 12476
 Ion Ratio Lower Upper
 41 100
 39 12.7 59.3 88.9#
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 9.274 ug/l
 RT: 5.415 min Scan# 594
 Delta R.T. 0.001 min
 Lab File: VD073576.D
 Acq: 14 Jun 2022 18:34

Tgt Ion: 53 Resp: 4003
 Ion Ratio Lower Upper
 53 100
 52 51.2 67.2 100.8#
 51 36.8 30.3 45.5

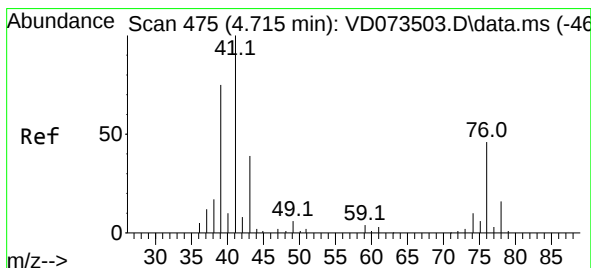
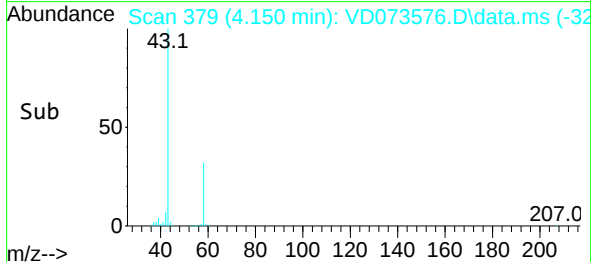
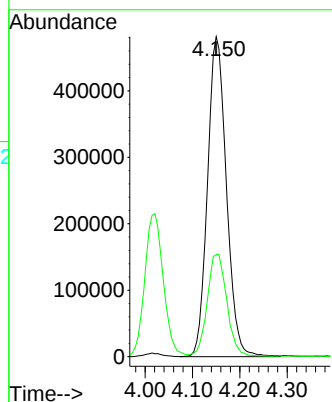
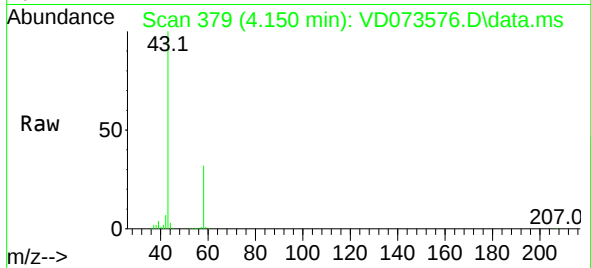




#16
Acetone
Concen: 3778.735 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

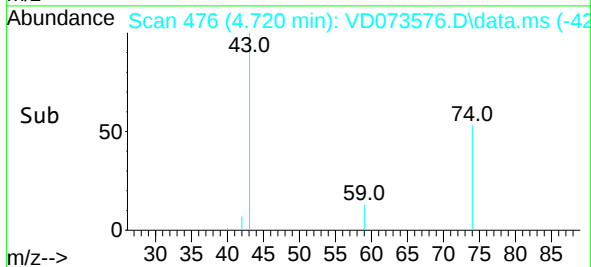
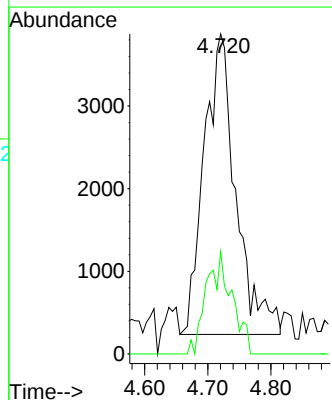
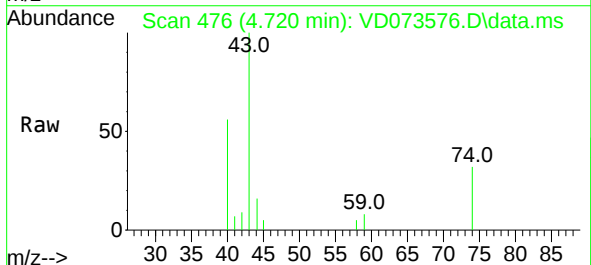
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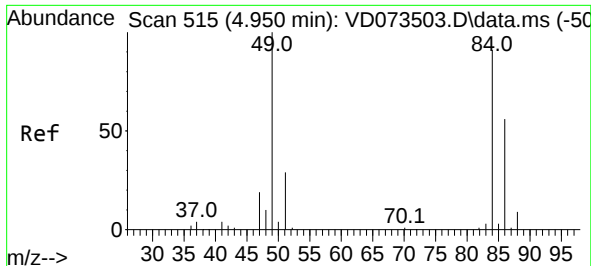
Tgt Ion: 43 Resp: 1334608
Ion Ratio Lower Upper
43 100
58 31.7 22.1 33.1



#18
Methyl Acetate
Concen: 13.788 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 43 Resp: 12713
Ion Ratio Lower Upper
43 100
74 12.9 16.7 25.1#

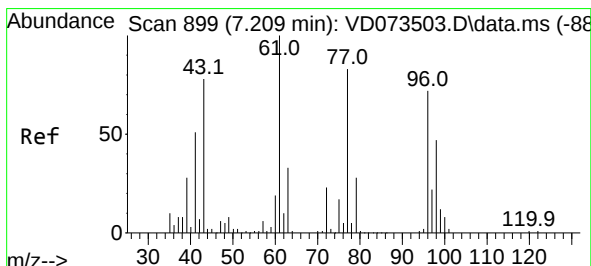
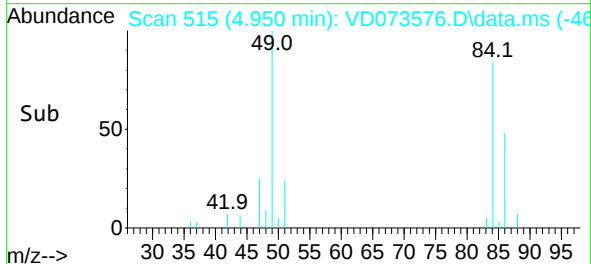
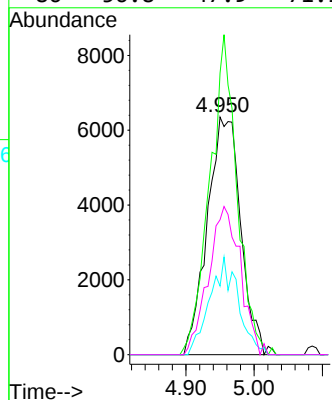
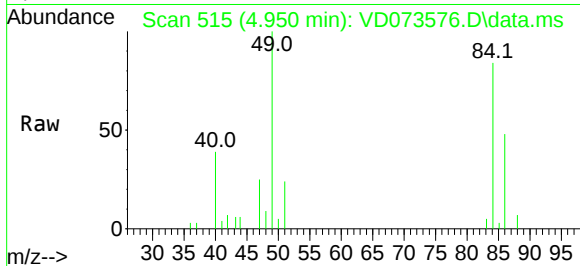




#20
Methylene Chloride
Concen: 6.976 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

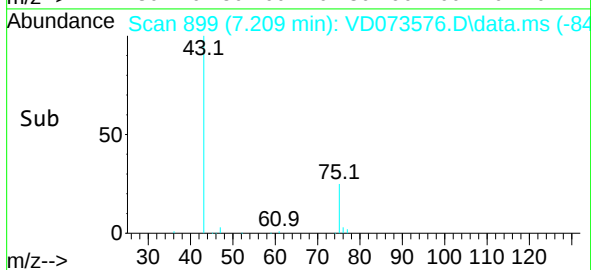
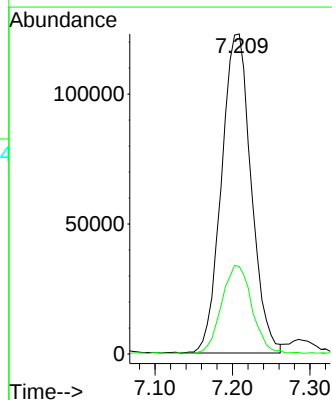
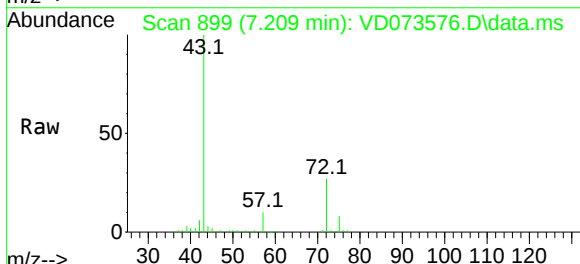
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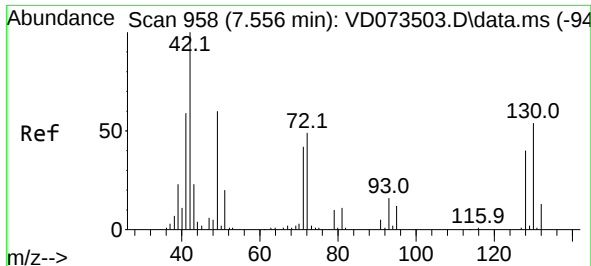
Tgt Ion: 84	Resp: 21659		
Ion	Ratio	Lower	Upper
84	100		
49	118.4	112.8	169.2
51	28.9	32.6	48.8#
86	56.8	47.9	71.9



#25
2-Butanone
Concen: 629.639 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 43	Resp: 327212
Ion Ratio	Lower Upper
43 100	
72 27.1	18.6 27.8





#29

Tetrahydrofuran

Concen: 11.206 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

40804

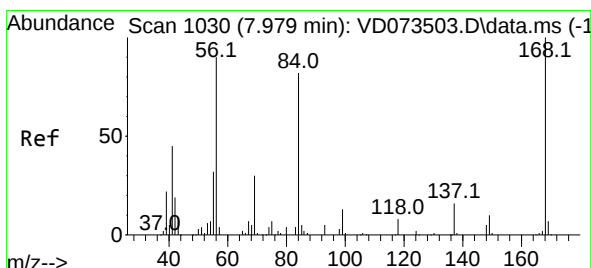
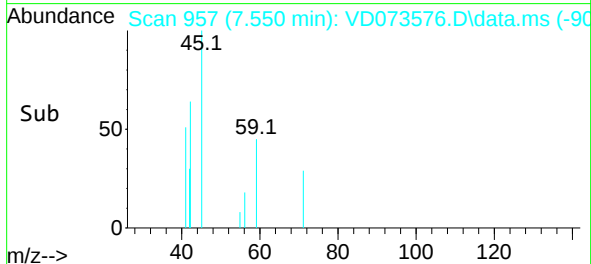
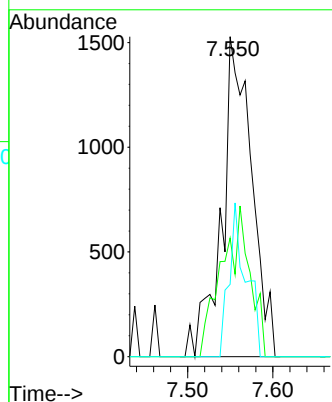
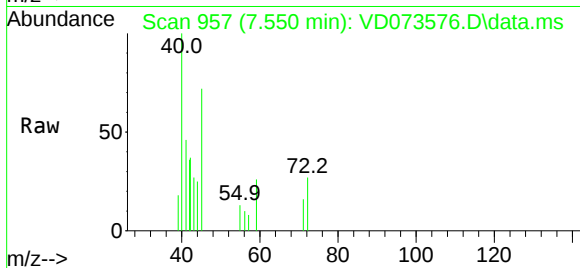
Tgt Ion: 42 Resp: 3715

Ion Ratio Lower Upper

42 100

72 44.8 30.7 46.1

71 27.6 28.6 43.0#



#31

Cyclohexane

Concen: 1.997 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

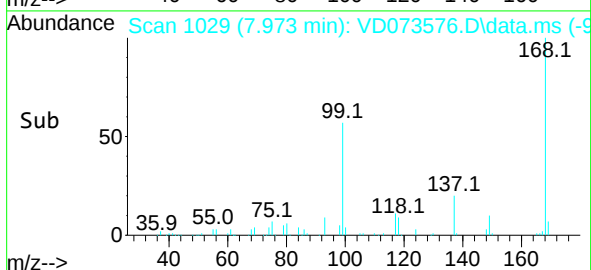
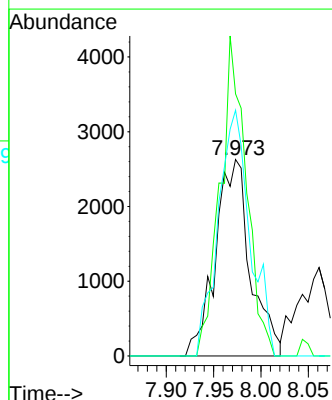
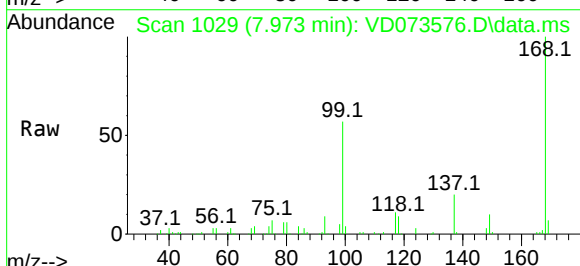
Tgt Ion: 56 Resp: 6747

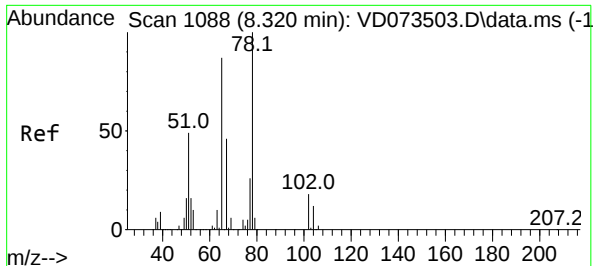
Ion Ratio Lower Upper

56 100

69 133.4 25.4 38.2#

84 125.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 50.554 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

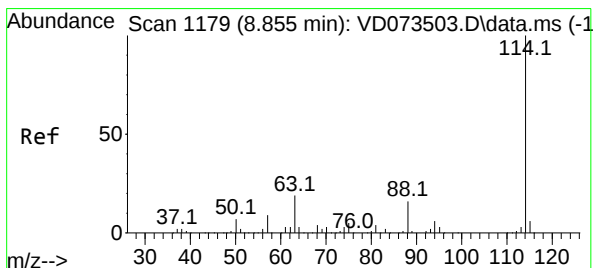
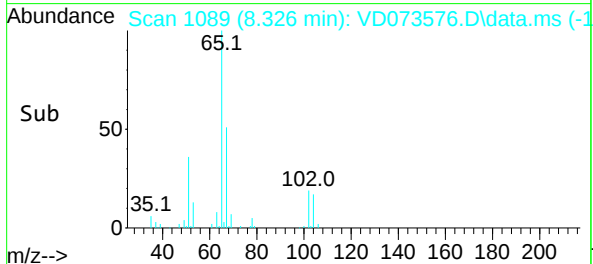
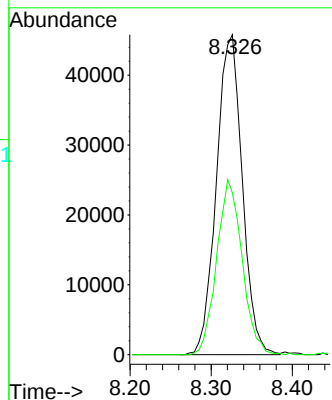
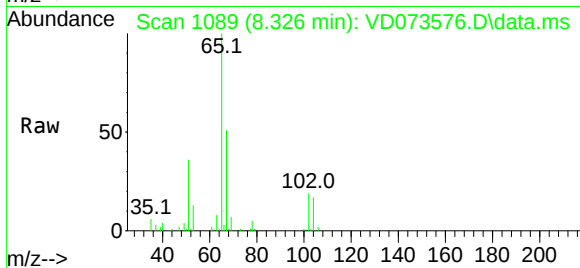
40804

Tgt Ion: 65 Resp: 101405

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

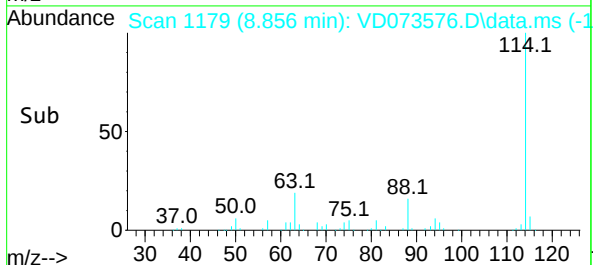
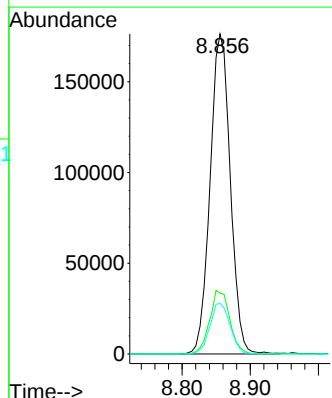
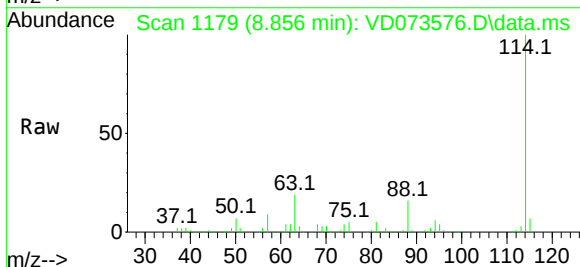
Tgt Ion: 114 Resp: 363460

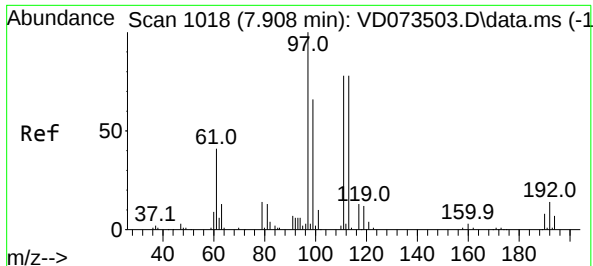
Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.480 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

40804

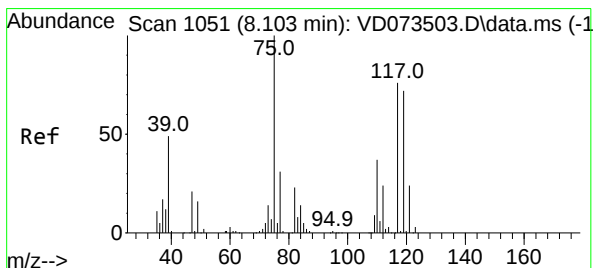
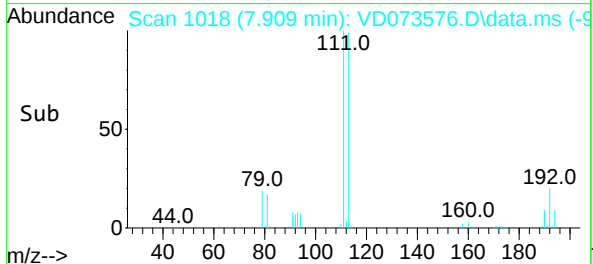
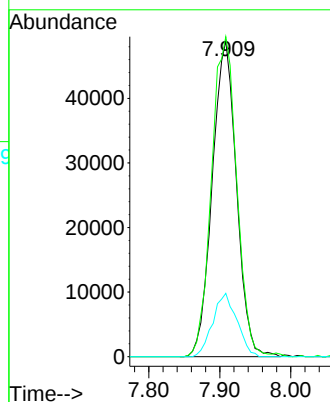
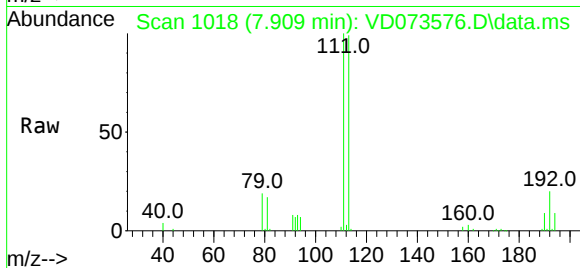
Tgt Ion:113 Resp: 115644

Ion Ratio Lower Upper

113 100

111 105.2 83.8 125.6

192 20.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.355 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

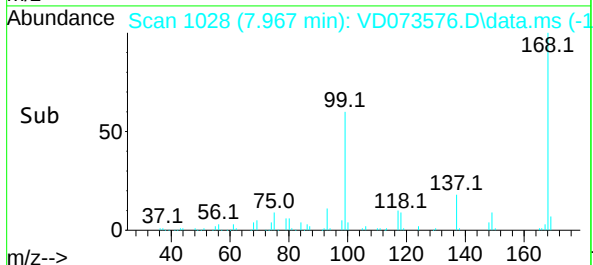
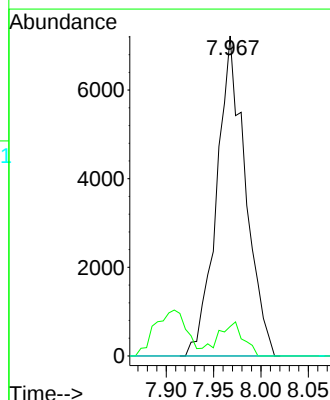
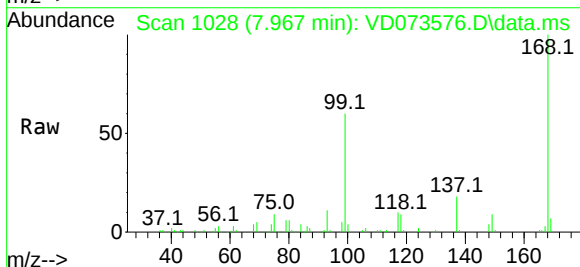
Tgt Ion: 75 Resp: 15287

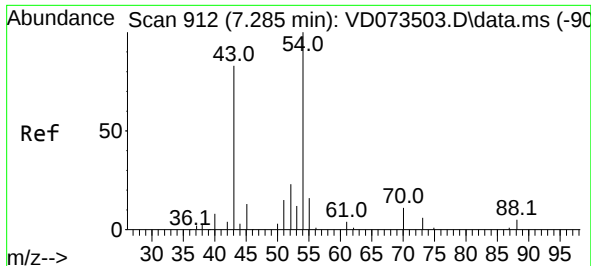
Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.1#

77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 7.299 ug/l

RT: 7.285 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

40804

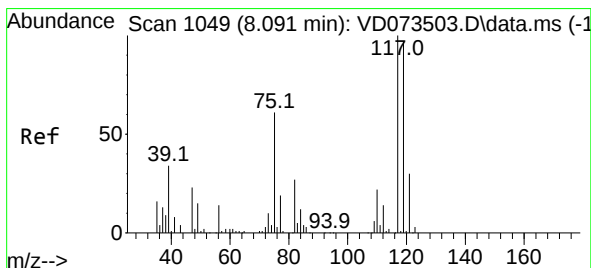
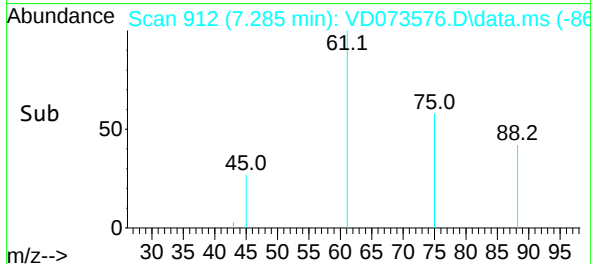
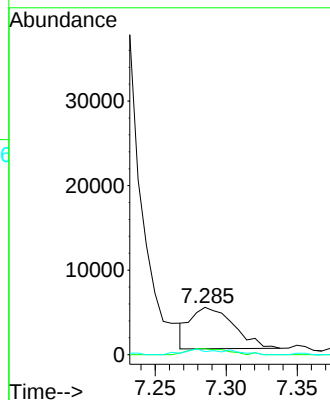
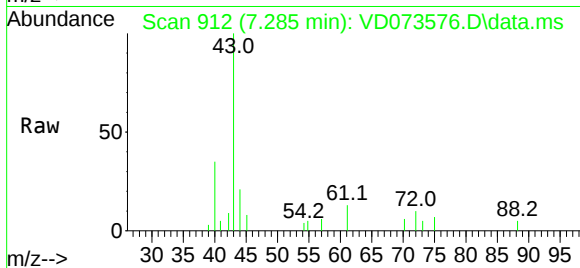
Tgt Ion: 43 Resp: 10350

Ion Ratio Lower Upper

43 100

61 13.9 9.8 14.8

70 13.6 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 5.406 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

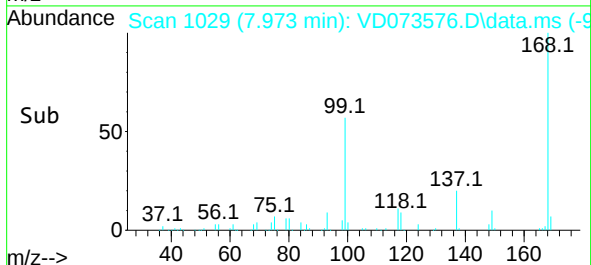
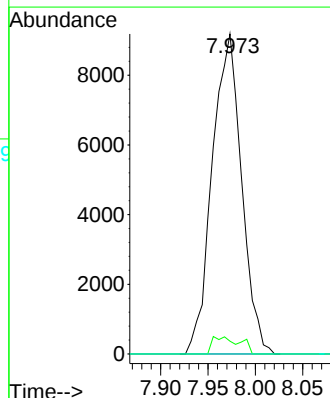
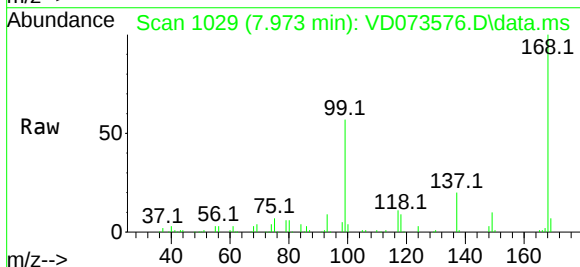
Tgt Ion: 117 Resp: 19851

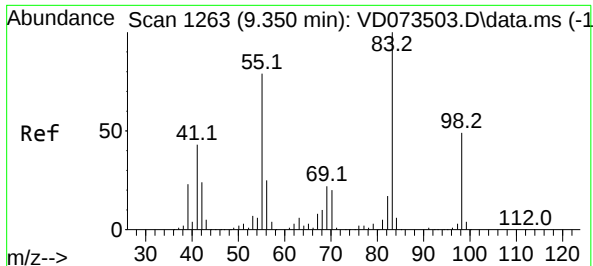
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 5.231 ug/l

RT: 9.344 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

40804

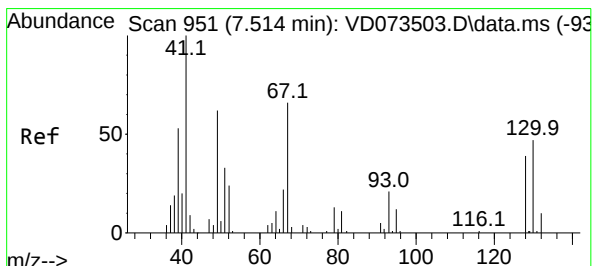
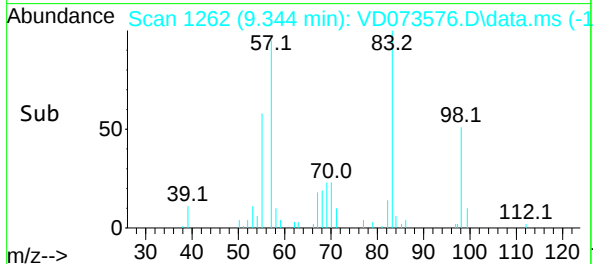
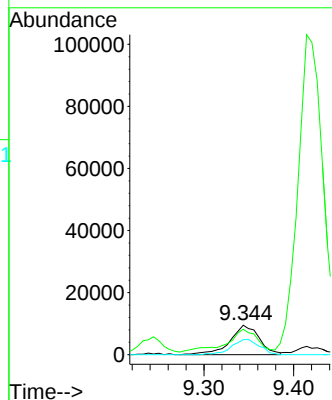
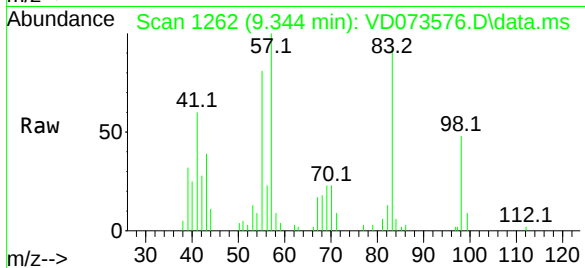
Tgt Ion: 83 Resp: 21397

Ion Ratio Lower Upper

83 100

55 77.7 63.2 94.8

98 51.2 38.2 57.4



#41

Methacrylonitrile

Concen: 5.432 ug/l

RT: 7.538 min Scan# 955

Delta R.T. 0.024 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Tgt Ion: 41 Resp: 4176

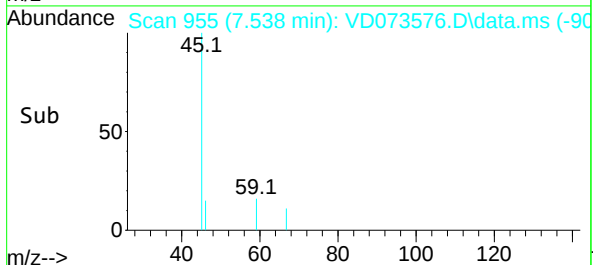
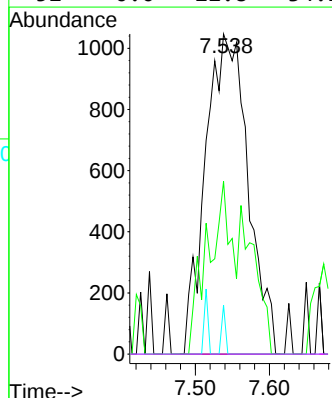
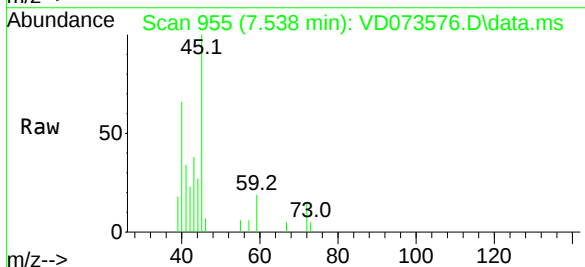
Ion Ratio Lower Upper

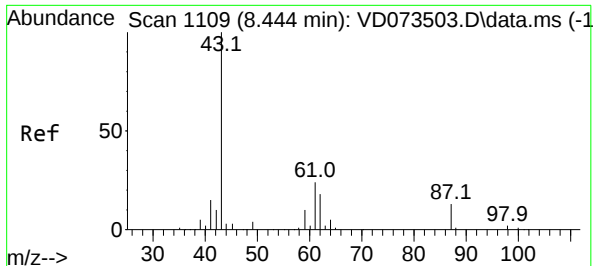
41 100

39 31.0 44.6 67.0#

67 1.3 48.2 72.4#

52 0.0 22.8 34.2#





#43

Isopropyl Acetate

Concen: 28.051 ug/l

RT: 8.567 min Scan# 1109

Delta R.T. 0.123 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

40804

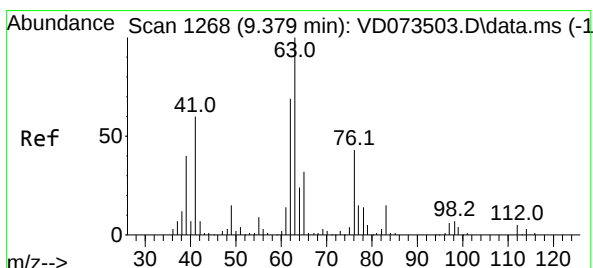
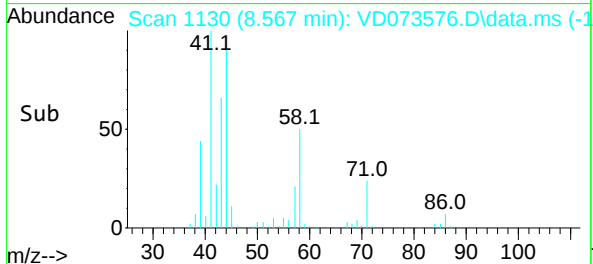
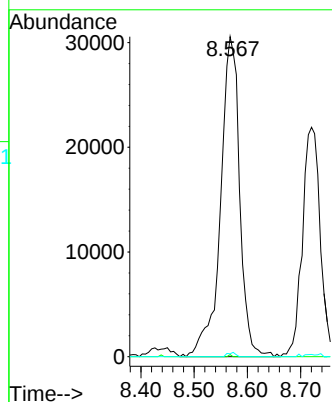
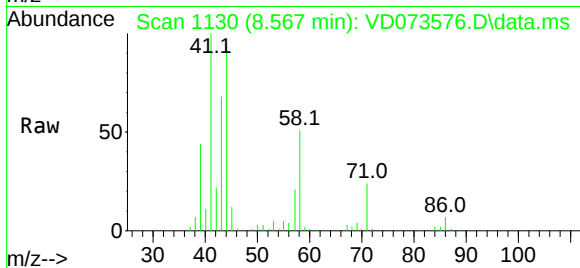
Tgt Ion: 43 Resp: 76527

Ion Ratio Lower Upper

43 100

61 0.1 22.4 33.6#

87 0.5 8.7 13.1#



#45

1,2-Dichloropropane

Concen: 1.789 ug/l

RT: 9.426 min Scan# 1276

Delta R.T. 0.047 min

Lab File: VD073576.D

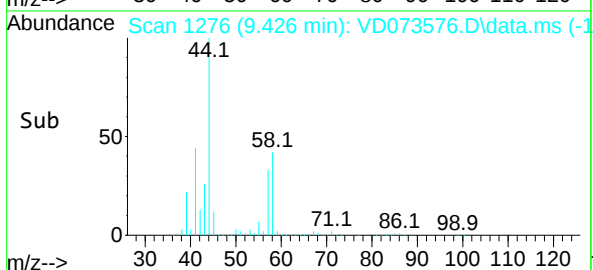
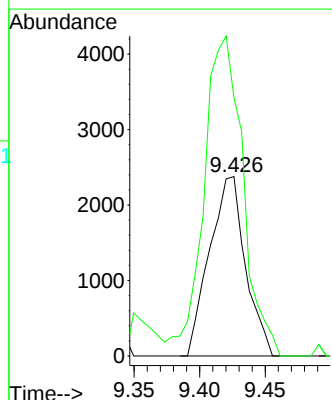
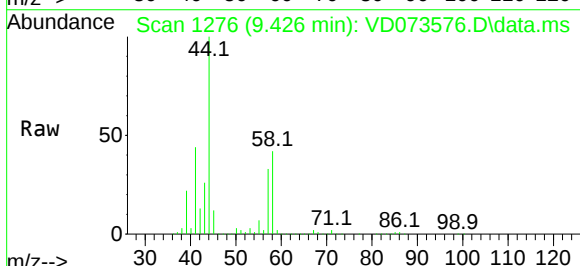
Acq: 14 Jun 2022 18:34

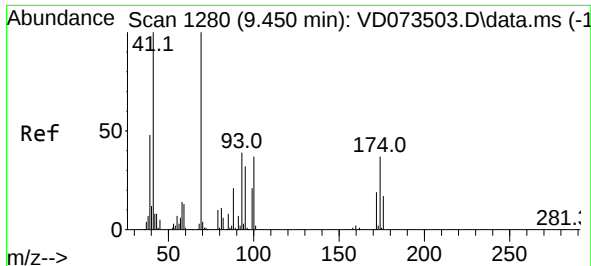
Tgt Ion: 63 Resp: 4524

Ion Ratio Lower Upper

63 100

65 144.0 26.2 39.4#





#48

Methyl methacrylate

Concen: 973.314 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.030 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

40804

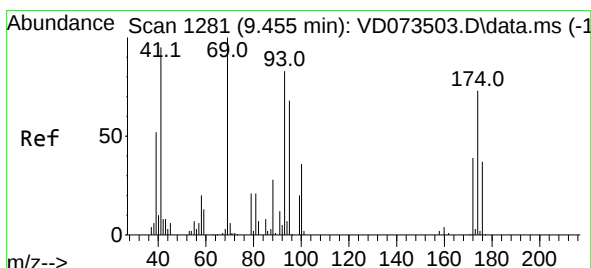
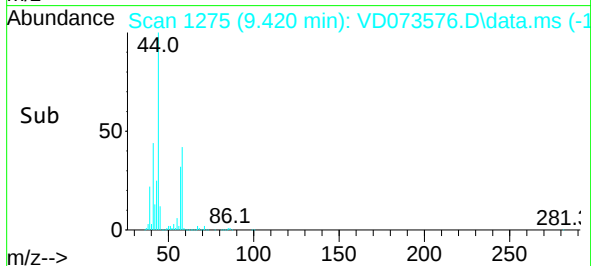
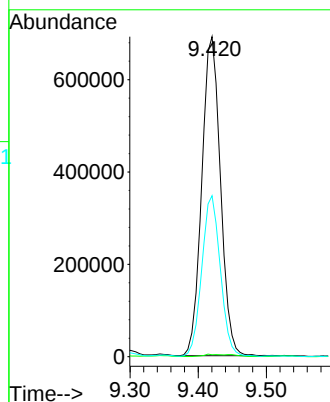
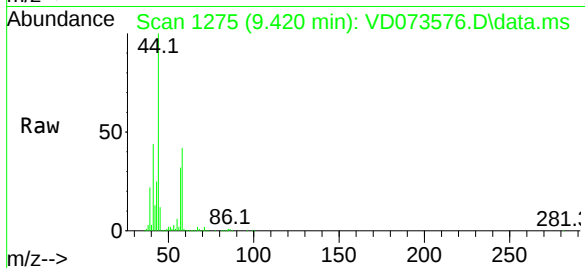
Tgt Ion: 41 Resp: 1315305

Ion Ratio Lower Upper

41 100

69 0.7 56.7 85.1#

39 50.0 42.7 64.1



#49

1,4-Dioxane

Concen: 4.088 ug/l

RT: 9.303 min Scan# 1255

Delta R.T. -0.152 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

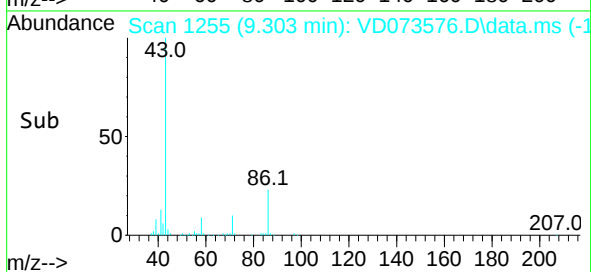
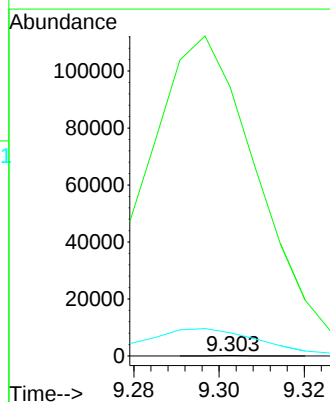
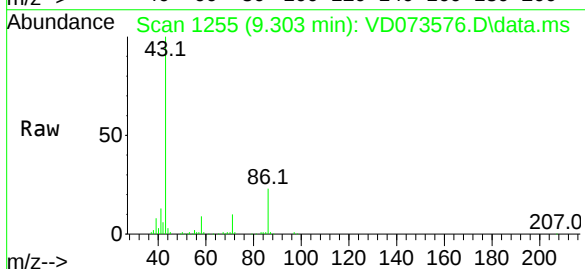
Tgt Ion: 88 Resp: 67

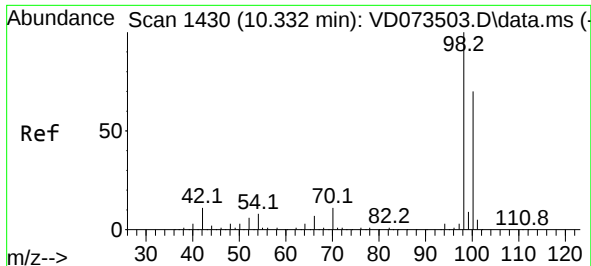
Ion Ratio Lower Upper

88 100

43 327309.0 31.0 46.4#

58 0.0 58.1 87.1#

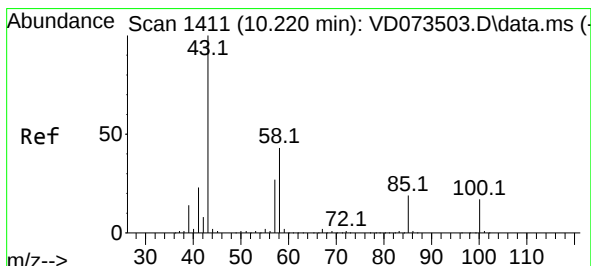
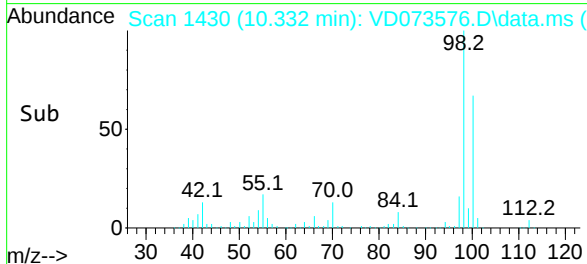
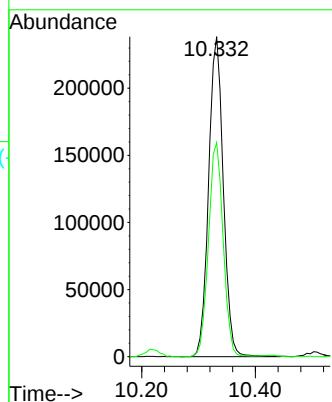
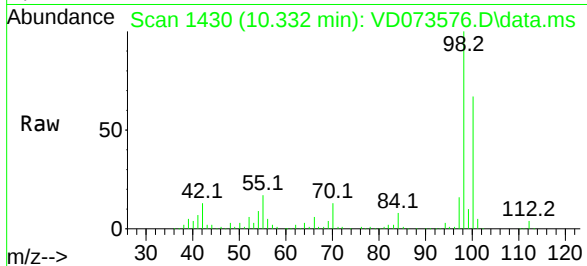




#50
Toluene-d8
Concen: 48.144 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

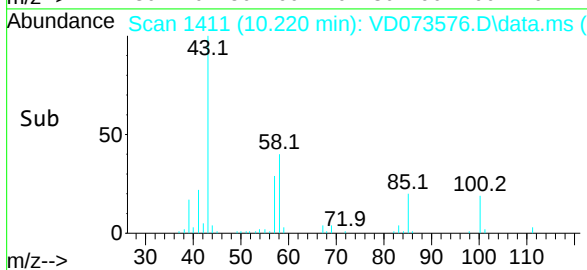
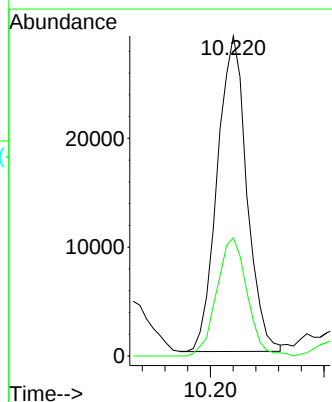
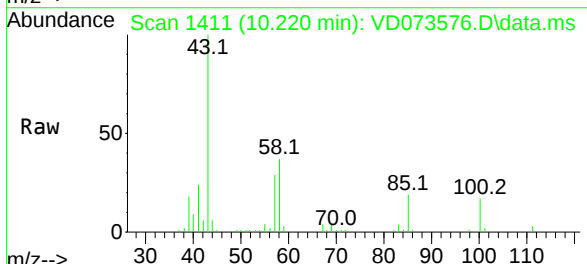
Instrument :
MSVOA_D
ClientSampleId :
40804

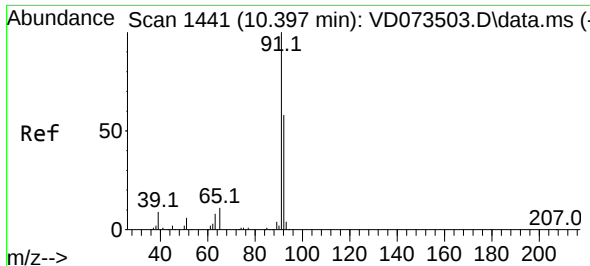
Tgt Ion: 98 Resp: 425431
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 37.884 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 43 Resp: 52295
Ion Ratio Lower Upper
43 100
58 38.3 28.6 43.0

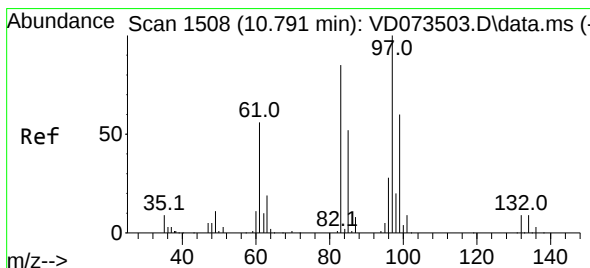
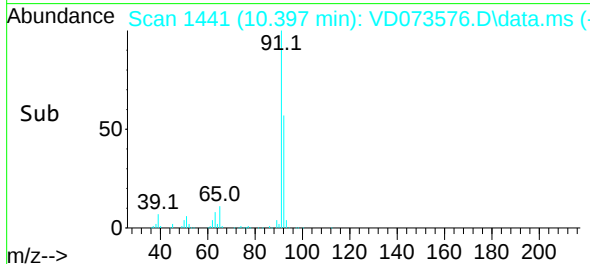
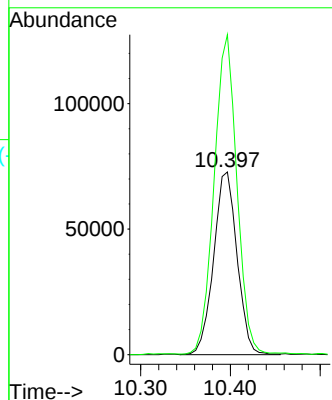
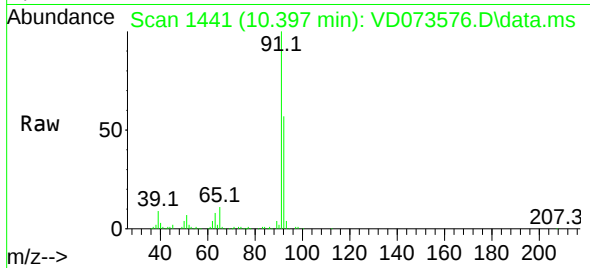




#52
Toluene
Concen: 20.134 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

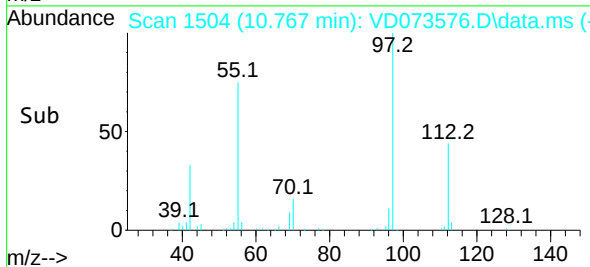
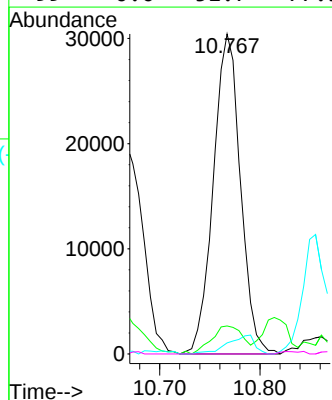
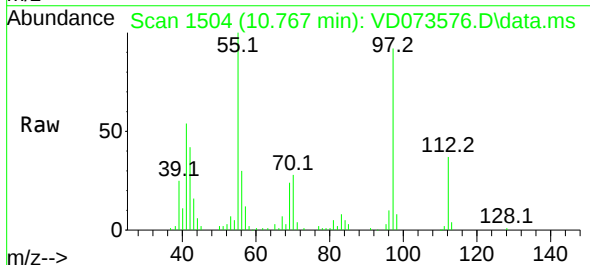
Instrument :
MSVOA_D
ClientSampleId :
40804

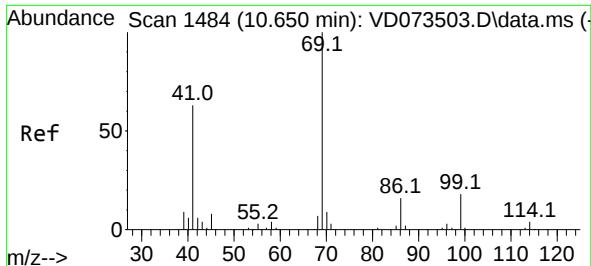
Tgt Ion: 92 Resp: 131852
Ion Ratio Lower Upper
92 100
91 170.3 139.6 209.4



#55
1,1,2-Trichloroethane
Concen: 28.090 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 97 Resp: 57086
Ion Ratio Lower Upper
97 100
83 8.8 69.0 103.4#
85 3.4 42.6 63.8#
99 0.0 51.7 77.5#

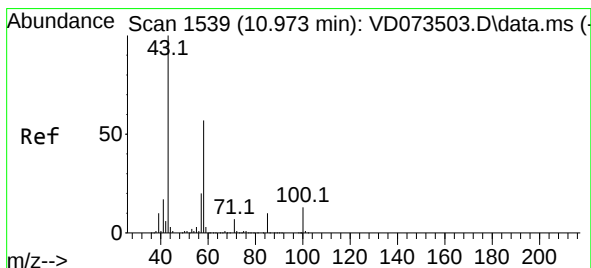
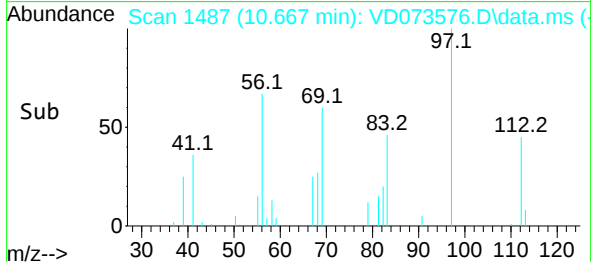
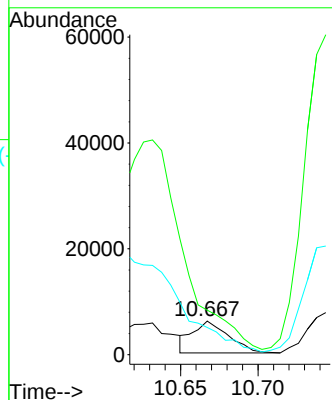
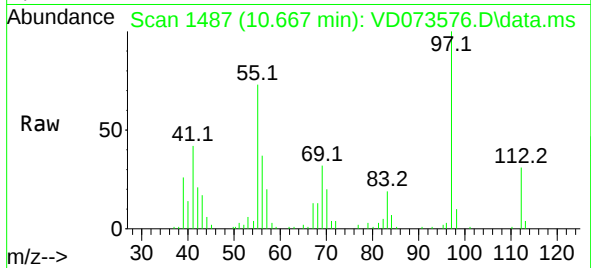




#56
Ethyl methacrylate
Concen: 4.135 ug/l
RT: 10.667 min Scan# 1484
Delta R.T. 0.017 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

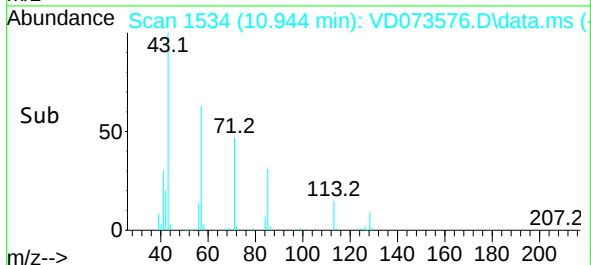
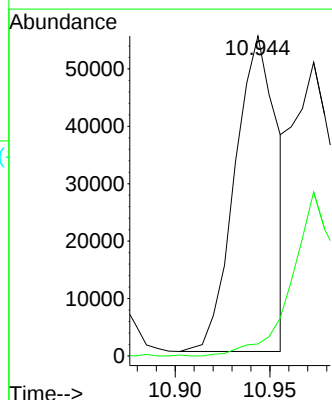
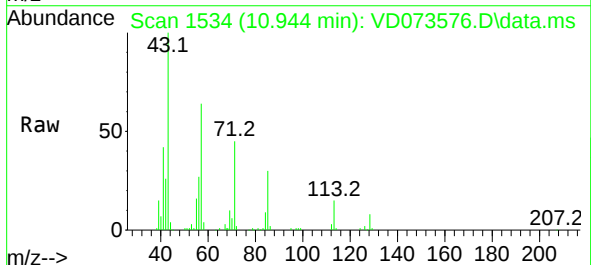
Instrument :
MSVOA_D
ClientSampleId :
40804

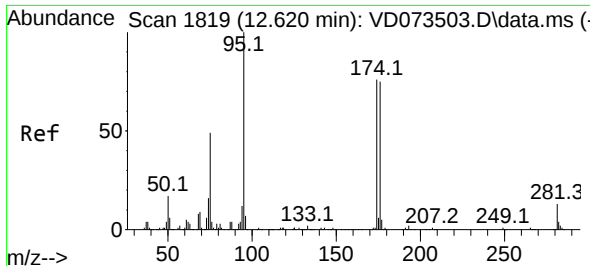
Tgt Ion: 69 Resp: 9629
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 0.0 33.8 50.8#



#59
2-Hexanone
Concen: 89.762 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.029 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 43 Resp: 84859
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

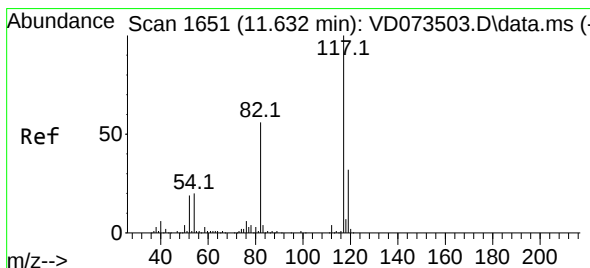
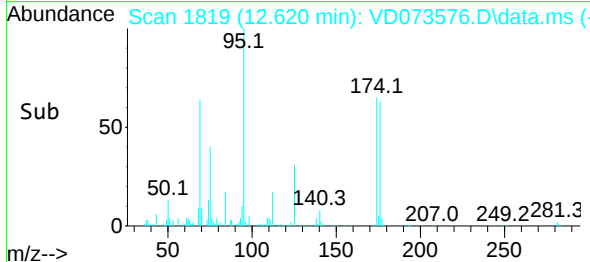
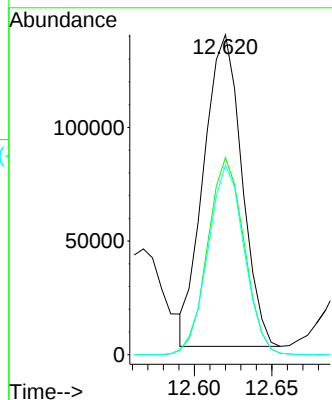
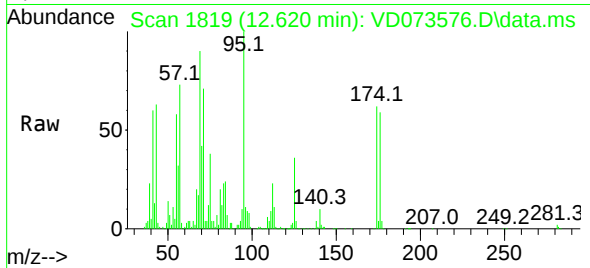




#62
4-Bromofluorobenzene
Concen: 73.012 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

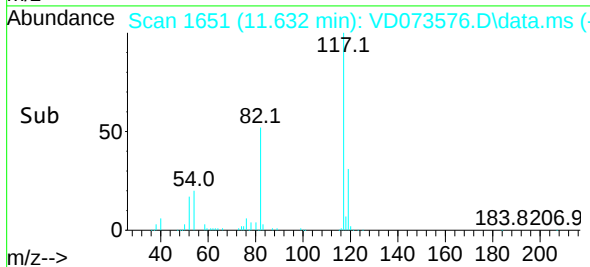
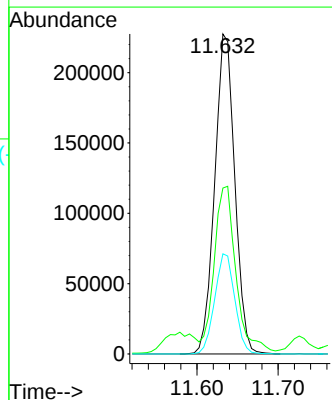
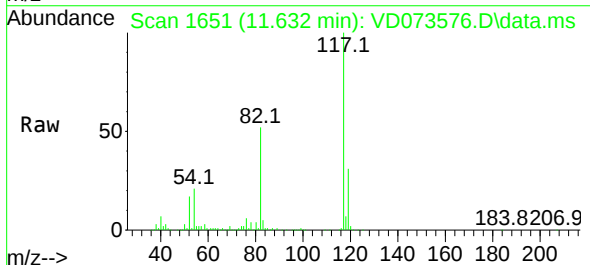
Instrument :
MSVOA_D
ClientSampleId :
40804

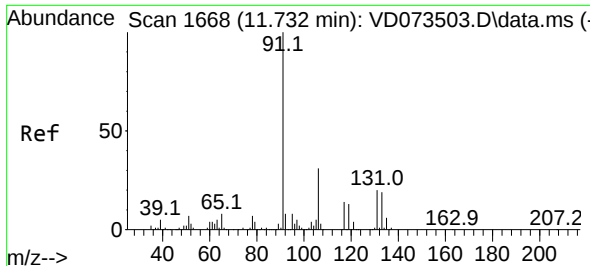
Tgt Ion: 95 Resp: 234217
Ion Ratio Lower Upper
95 100
174 60.5 0.0 152.8
176 58.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 117 Resp: 391561
Ion Ratio Lower Upper
117 100
82 50.6 45.3 67.9
119 31.3 26.6 40.0

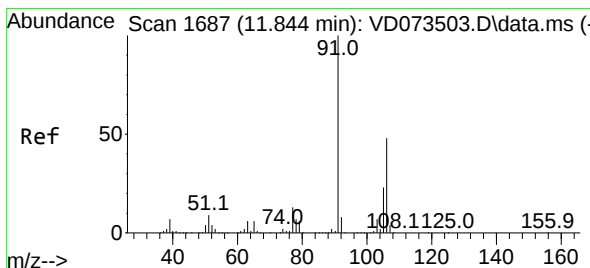
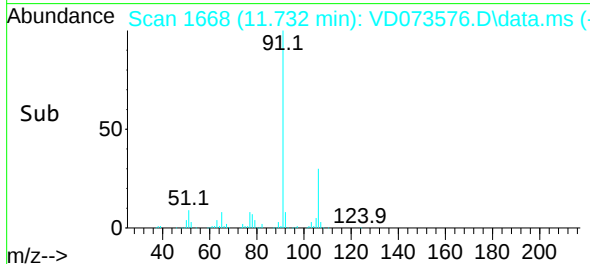
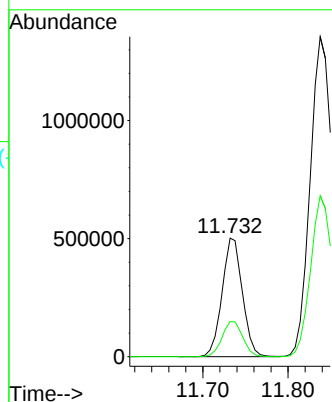
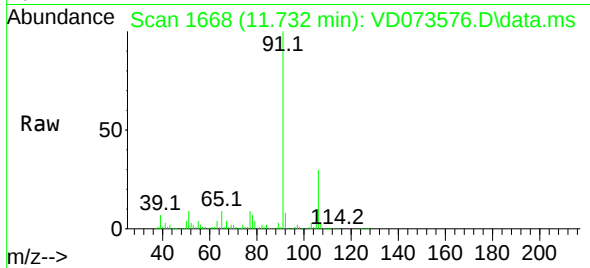




#67
Ethyl Benzene
Concen: 58.865 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

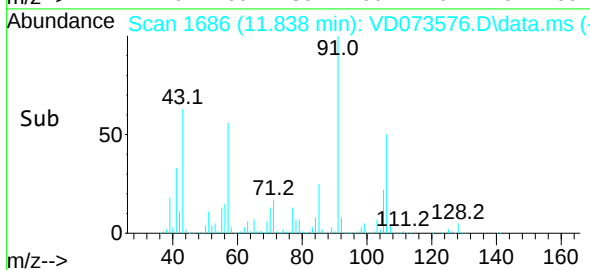
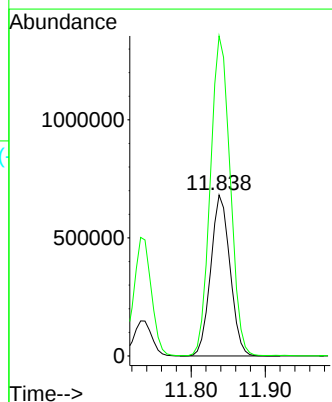
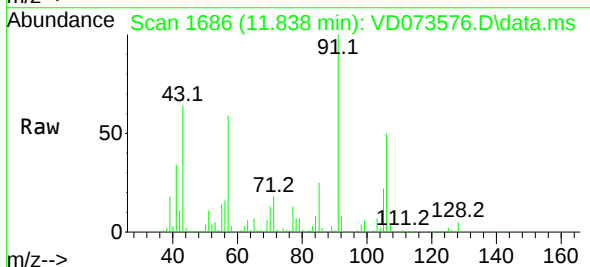
Instrument :
MSVOA_D
ClientSampleId :
40804

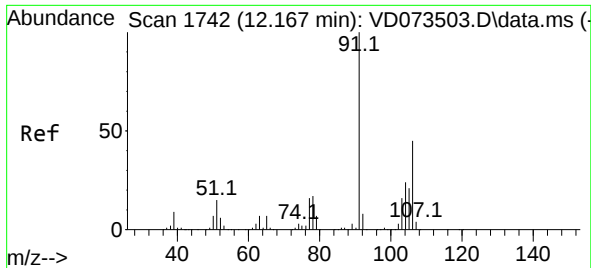
Tgt Ion: 91 Resp: 828760
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4



#68
m/p-Xylenes
Concen: 222.848 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 106 Resp: 1231225
Ion Ratio Lower Upper
106 100
91 204.0 163.7 245.5

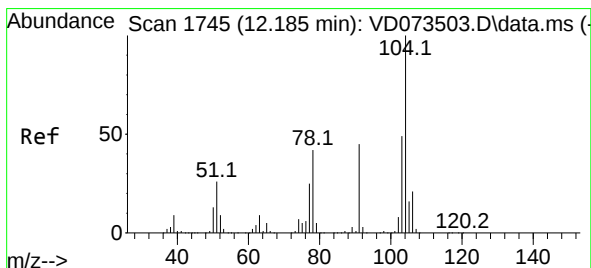
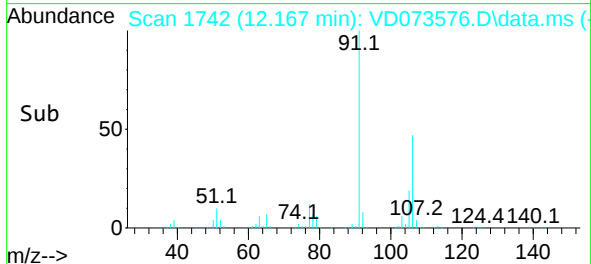
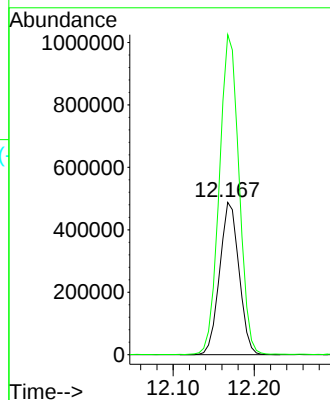
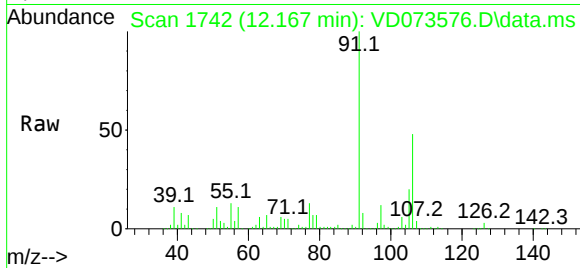




#69
o-Xylene
Concen: 159.237 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

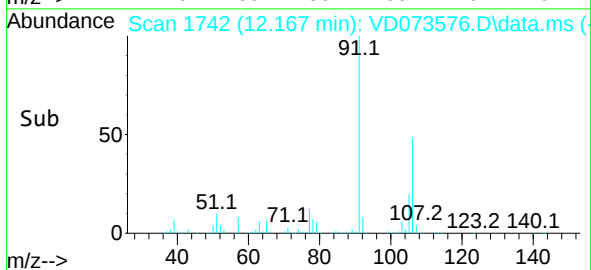
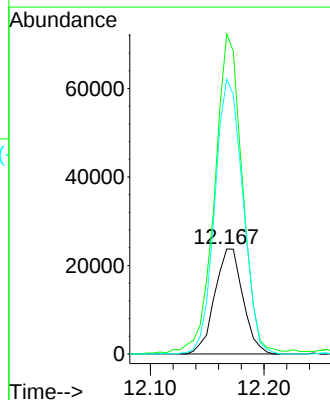
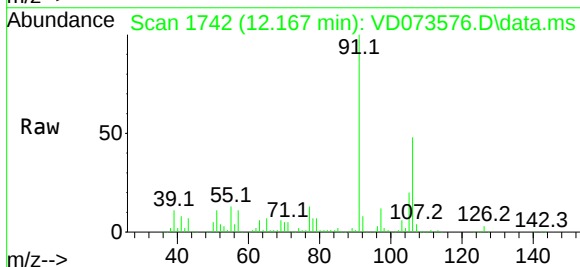
Instrument :
MSVOA_D
ClientSampleId :
40804

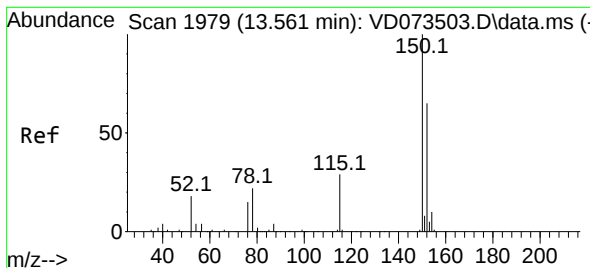
Tgt Ion:106 Resp: 809531
Ion Ratio Lower Upper
106 100
91 214.3 110.4 331.2



#70
Styrene
Concen: 4.668 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.018 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion:104 Resp: 40933
Ion Ratio Lower Upper
104 100
78 302.0 41.8 62.8#
103 261.1 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

40804

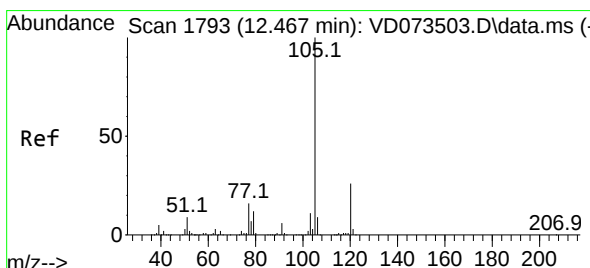
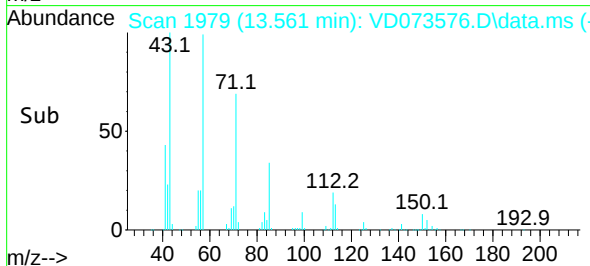
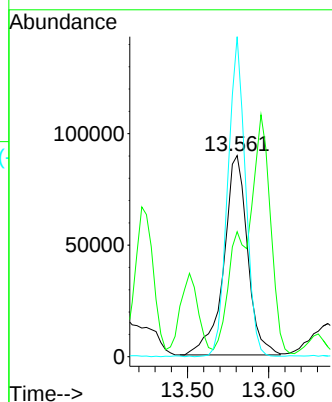
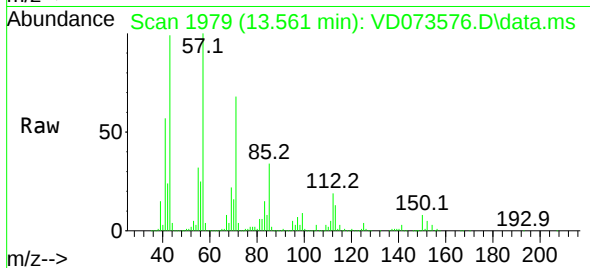
Tgt Ion:152 Resp: 182152

Ion Ratio Lower Upper

152 100

115 0.0 31.3 93.8#

150 120.0 0.0 348.6



#73

Isopropylbenzene

Concen: 39.454 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD073576.D

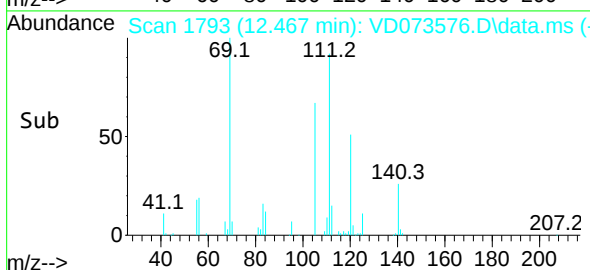
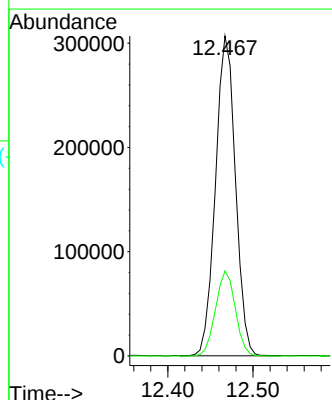
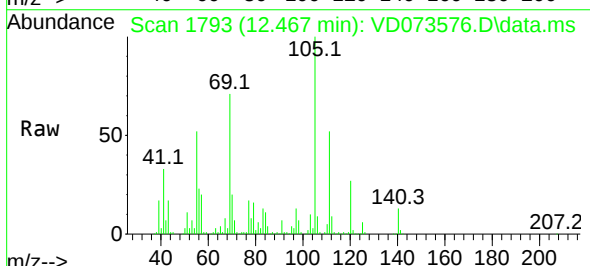
Acq: 14 Jun 2022 18:34

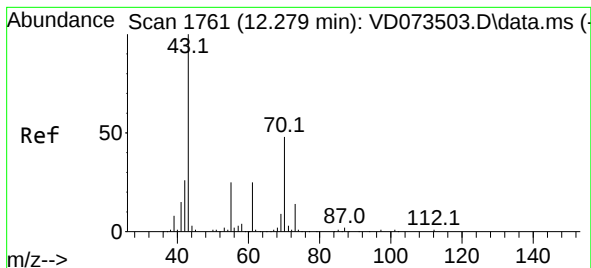
Tgt Ion:105 Resp: 498136

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9





#74

N-amy1 acetate

Concen: 259.690 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.018 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

40804

Tgt Ion: 43 Resp: 729395

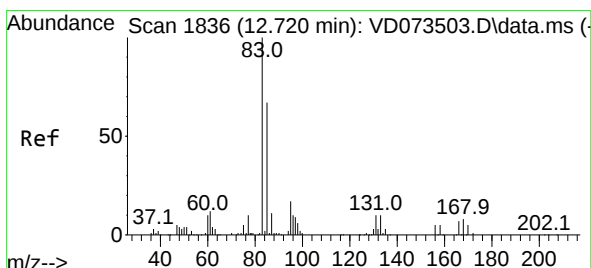
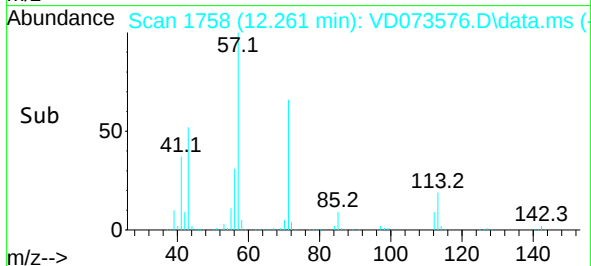
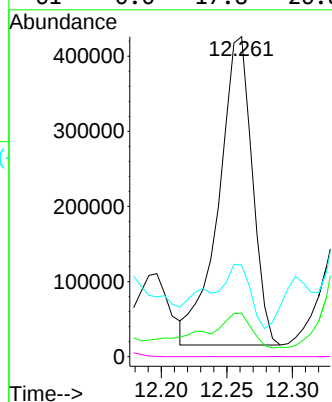
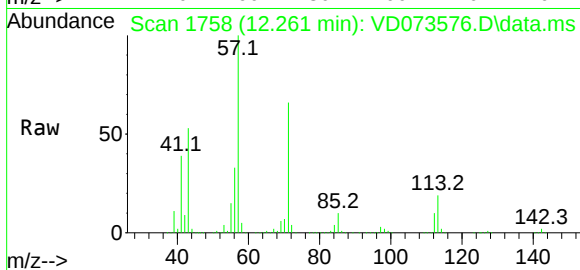
Ion Ratio Lower Upper

43 100

70 14.4 31.3 46.9#

55 14.8 20.0 30.0#

61 0.0 17.8 26.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 13.337 ug/l

RT: 12.661 min Scan# 1826

Delta R.T. -0.059 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

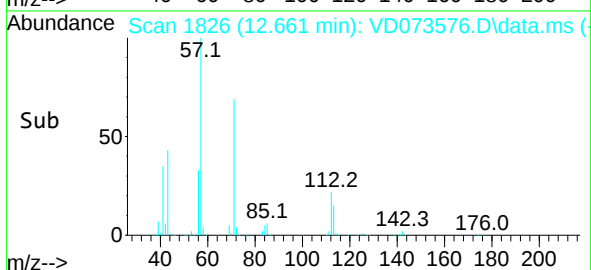
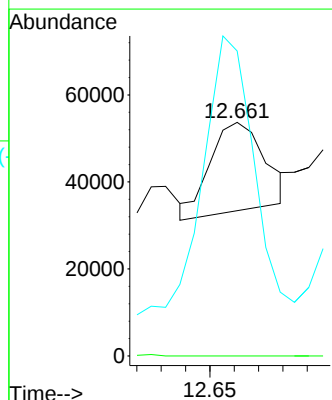
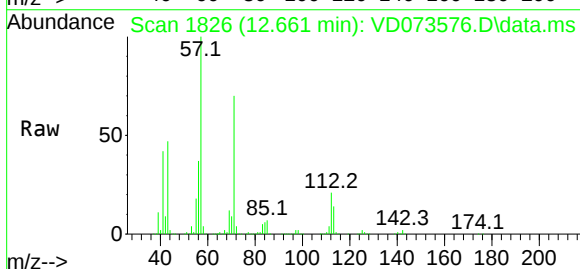
Tgt Ion: 83 Resp: 31967

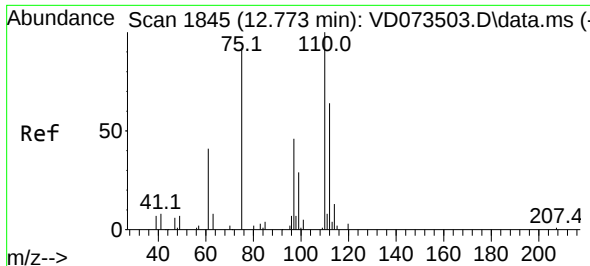
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 307.3 32.6 98.0#

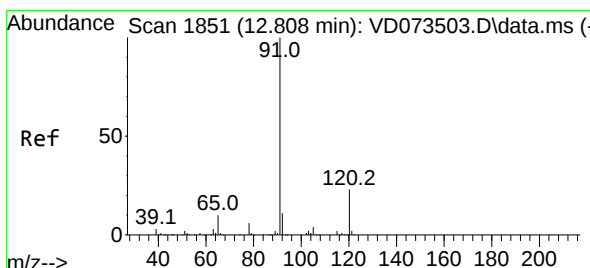
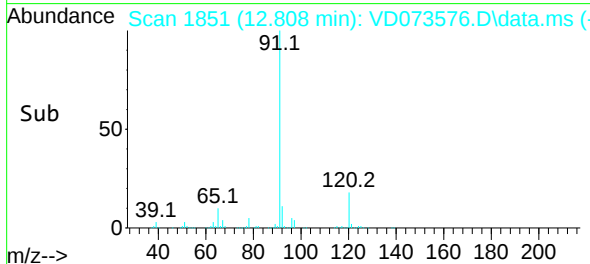
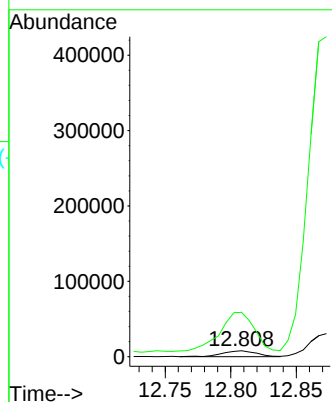
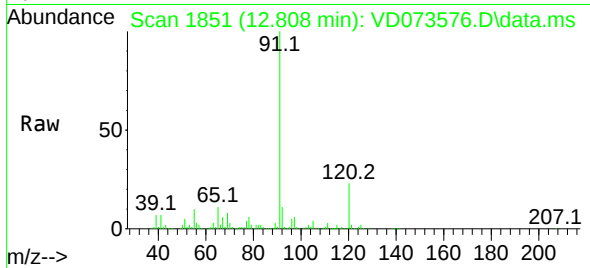




#76
1,2,3-Trichloropropane
Concen: 7.969 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.035 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

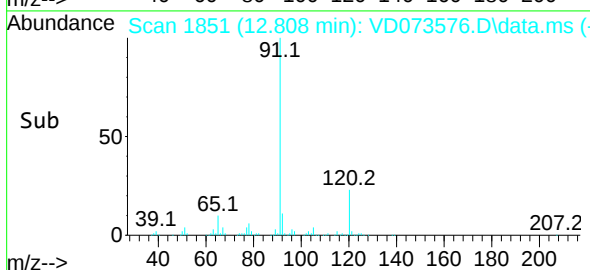
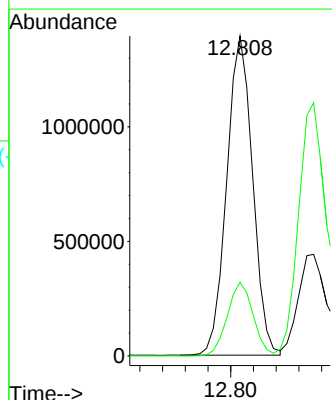
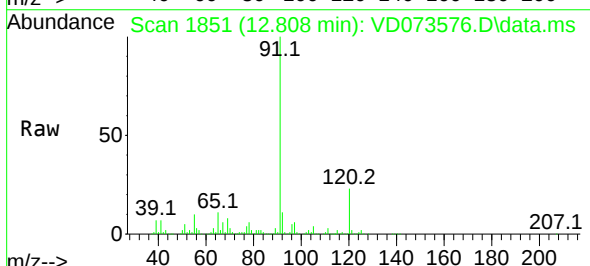
Instrument :
MSVOA_D
ClientSampleId :
40804

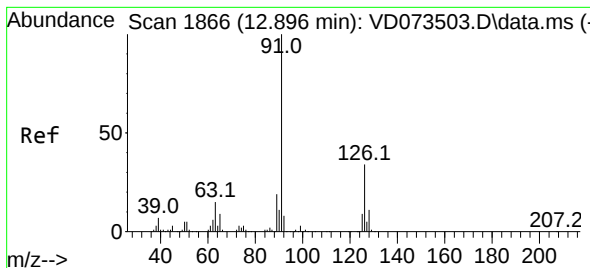
Tgt Ion: 75 Resp: 14101
Ion Ratio Lower Upper
75 100
77 668.9 0.0 0.0#



#78
n-propylbenzene
Concen: 140.230 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 91 Resp: 2203792
Ion Ratio Lower Upper
91 100
120 22.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 81.138 ug/l

RT: 12.873 min Scan# 1862

Delta R.T. -0.023 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

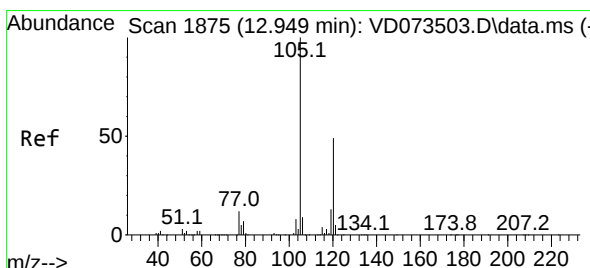
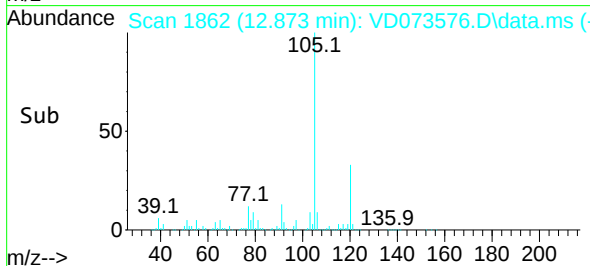
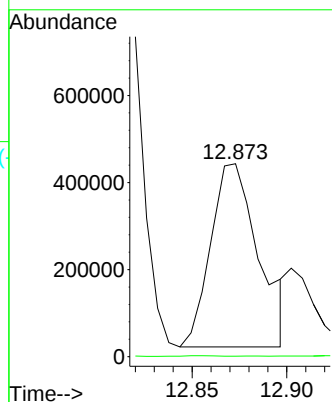
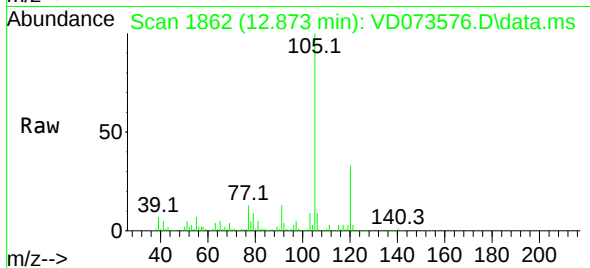
40804

Tgt Ion: 91 Resp: 741201

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#80

1,3,5-Trimethylbenzene

Concen: 215.367 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073576.D

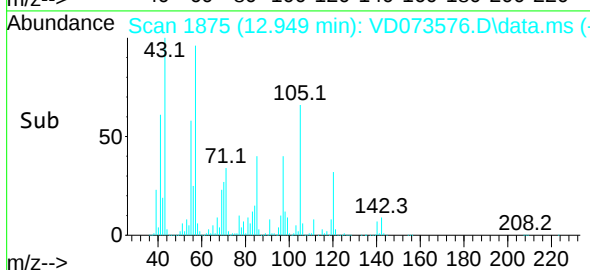
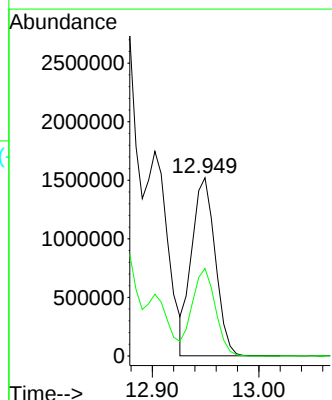
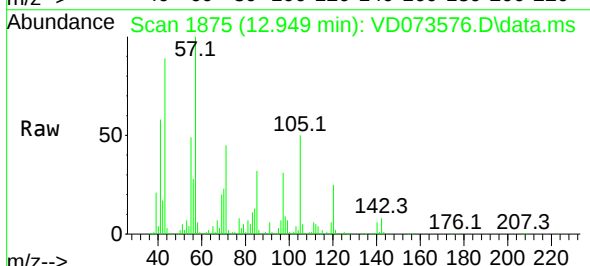
Acq: 14 Jun 2022 18:34

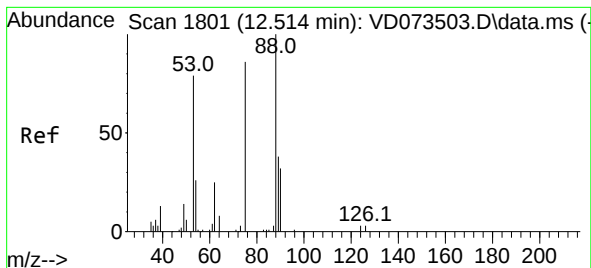
Tgt Ion:105 Resp: 2345181

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8

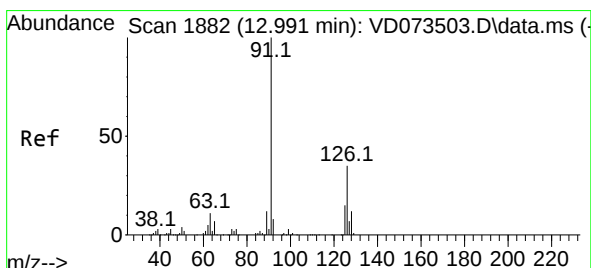
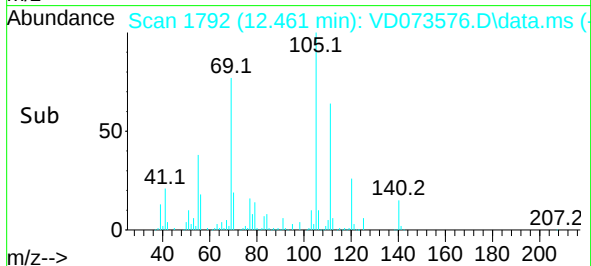
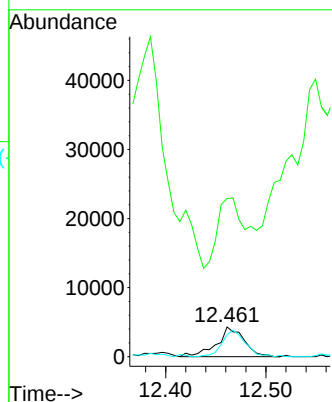
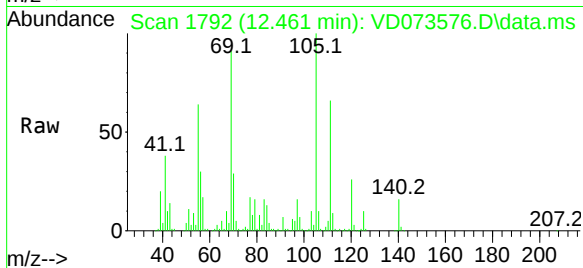




#81
trans-1,4-Dichloro-2-butene
Concen: 10.775 ug/l
RT: 12.461 min Scan# 11
Delta R.T. -0.053 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

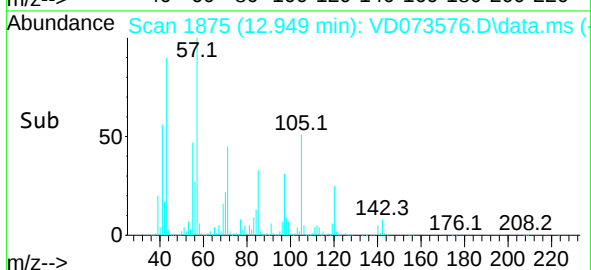
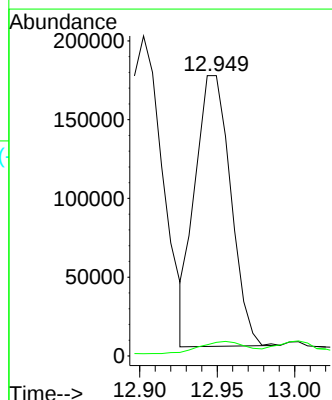
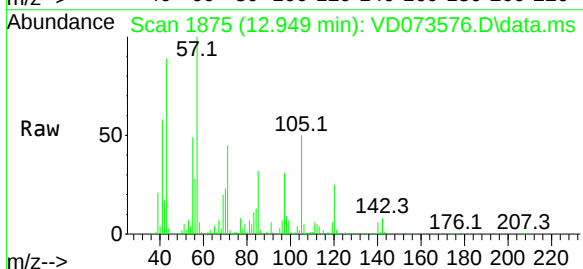
Instrument :
MSVOA_D
ClientSampleId :
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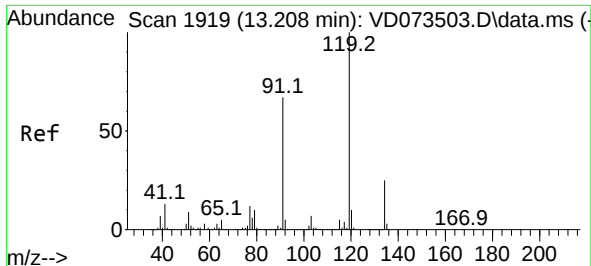
Tgt Ion: 75 Resp: 8123
Ion Ratio Lower Upper
75 100
53 255.4 86.5 129.7#
89 75.8 33.9 50.9#



#82
4-Chlorotoluene
Concen: 28.575 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.042 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 91 Resp: 275190
Ion Ratio Lower Upper
91 100
126 6.1 16.5 49.5#

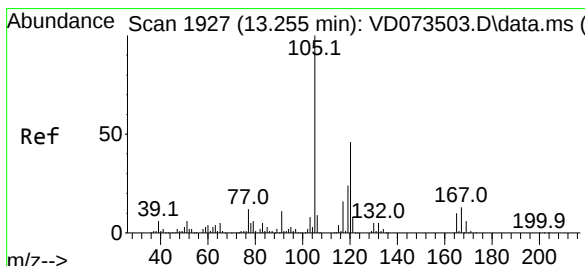
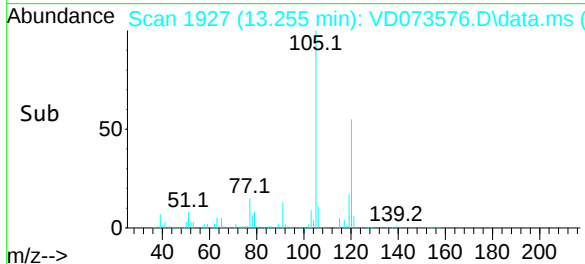
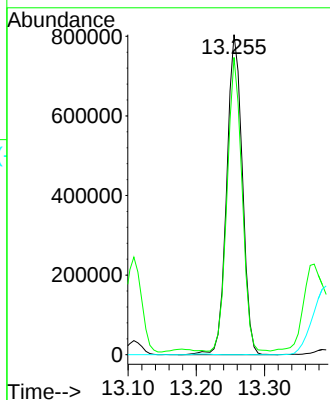
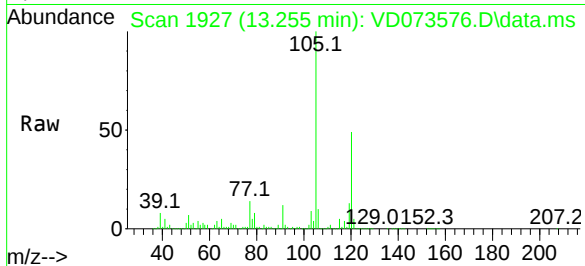




#83
tert-Butylbenzene
Concen: 138.913 ug/l
RT: 13.255 min Scan# 1919
Delta R.T. 0.047 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

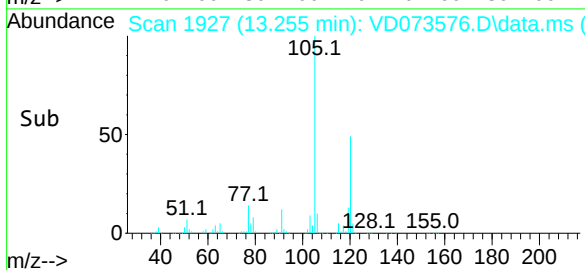
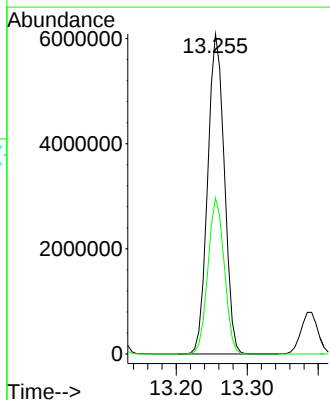
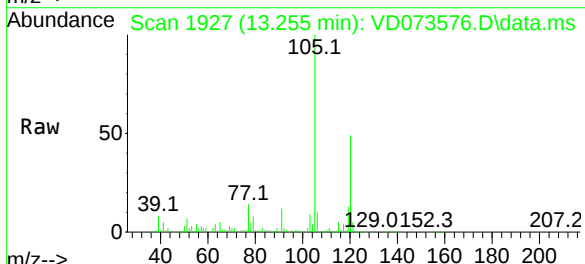
Instrument :
MSVOA_D
ClientSampleId :
40804

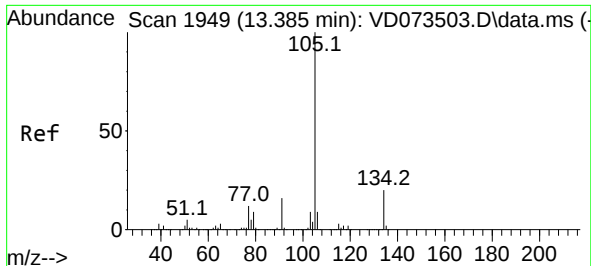
Tgt Ion:119 Resp: 1278451
Ion Ratio Lower Upper
119 100
91 87.5 34.8 104.5
134 0.0 13.3 39.9#



#84
1,2,4-Trimethylbenzene
Concen: 912.311 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion:105 Resp: 9915235
Ion Ratio Lower Upper
105 100
120 47.7 22.3 66.8

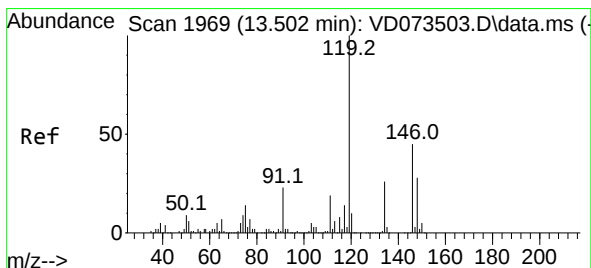
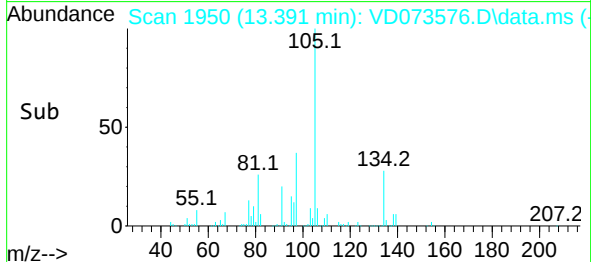
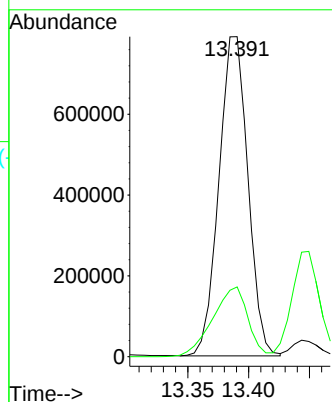
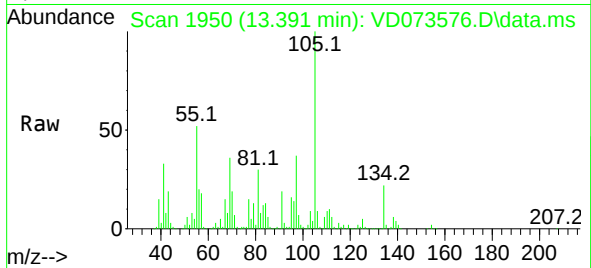




#85
 sec-Butylbenzene
 Concen: 95.127 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: VD073576.D
 Acq: 14 Jun 2022 18:34

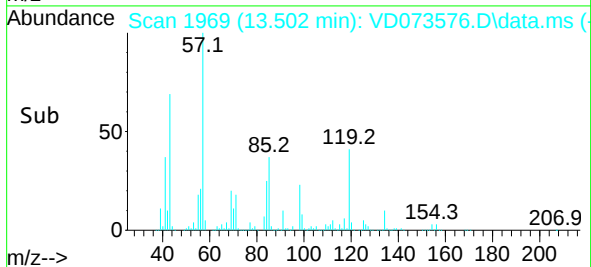
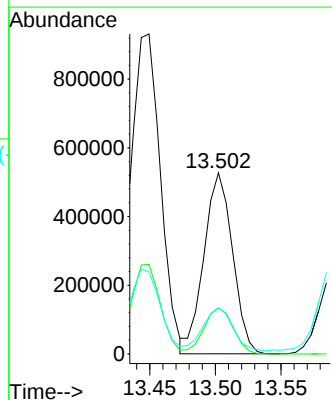
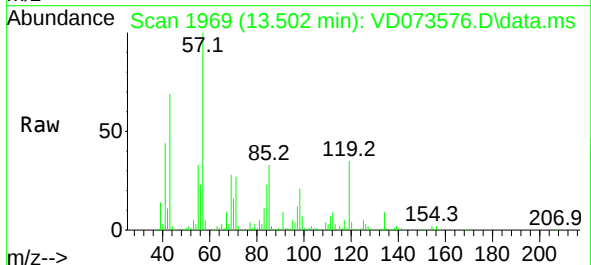
Instrument :
 MSVOA_D
 ClientSampleId :
 40804

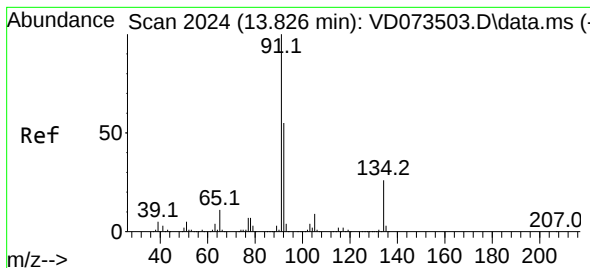
Tgt Ion:105 Resp: 1311483
 Ion Ratio Lower Upper
 105 100
 134 26.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 69.645 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073576.D
 Acq: 14 Jun 2022 18:34

Tgt Ion:119 Resp: 800405
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.6 12.1 36.3





#89

n-Butylbenzene

Concen: 293.162 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD073576.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_D

ClientSampleId :

40804

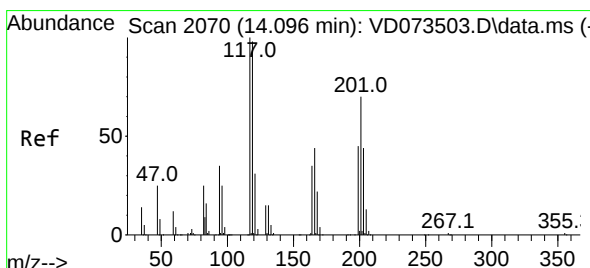
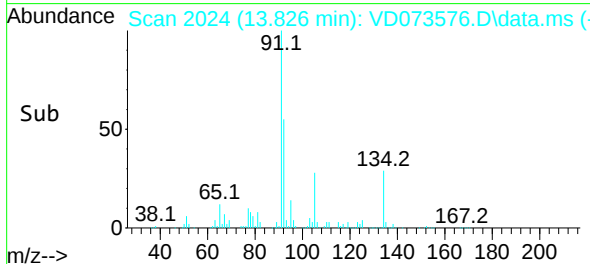
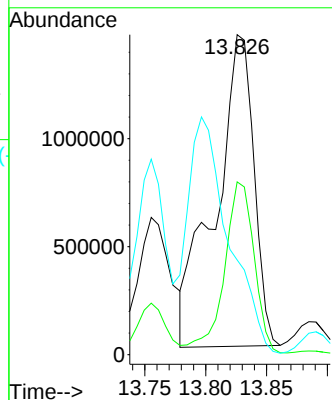
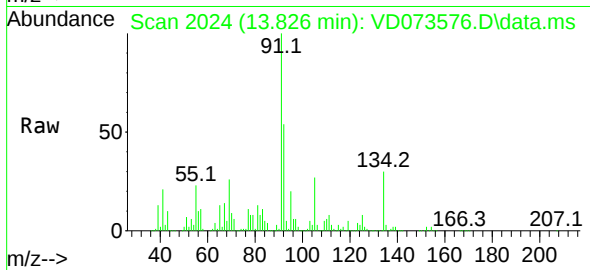
Tgt Ion: 91 Resp: 3178278

Ion Ratio Lower Upper

91 100

92 42.3 26.6 79.8

134 0.0 12.3 36.9#



#90

Hexachloroethane

Concen: 174.011 ug/l

RT: 14.102 min Scan# 2071

Delta R.T. 0.006 min

Lab File: VD073576.D

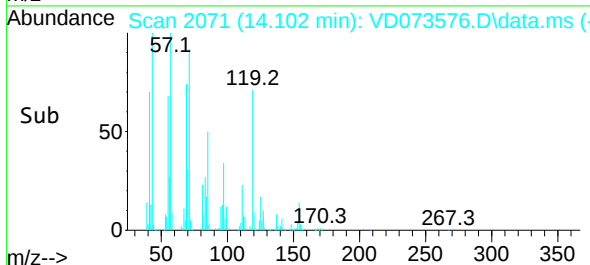
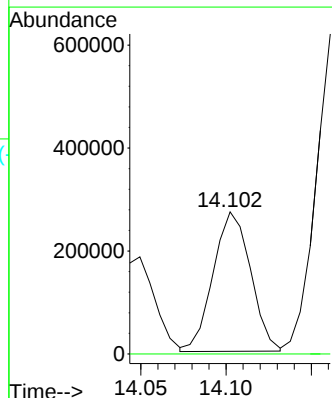
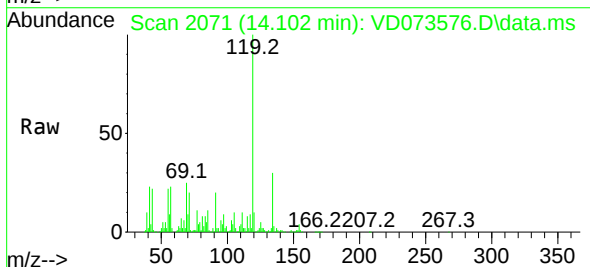
Acq: 14 Jun 2022 18:34

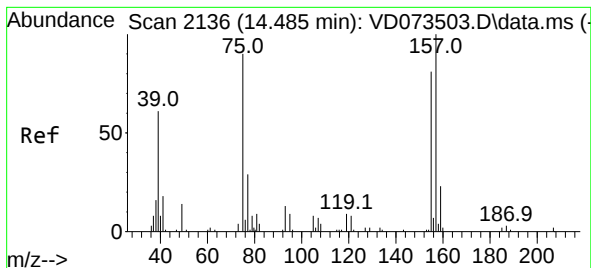
Tgt Ion:117 Resp: 414147

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#

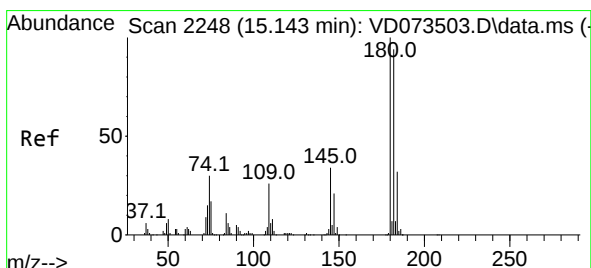
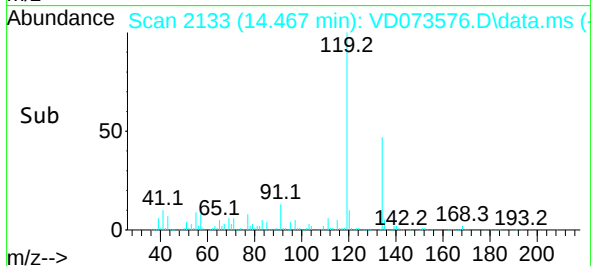
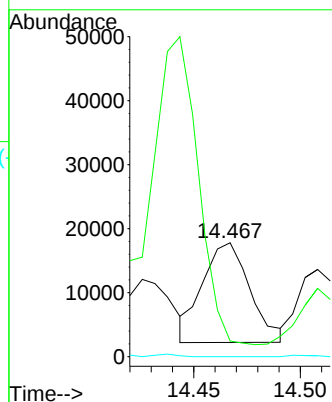
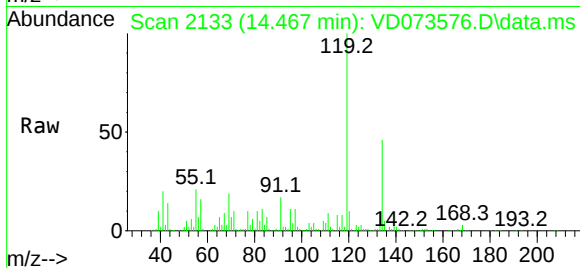




#92
1,2-Dibromo-3-Chloropropane
Concen: 63.069 ug/l
RT: 14.467 min Scan# 2133
Delta R.T. -0.018 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

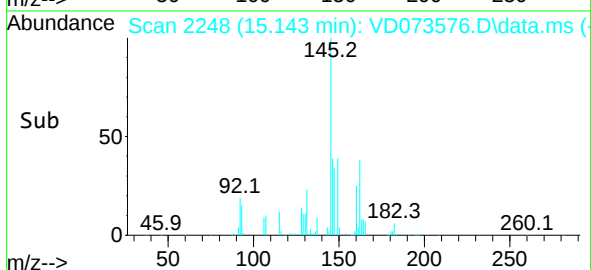
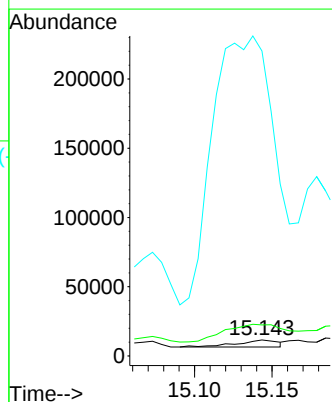
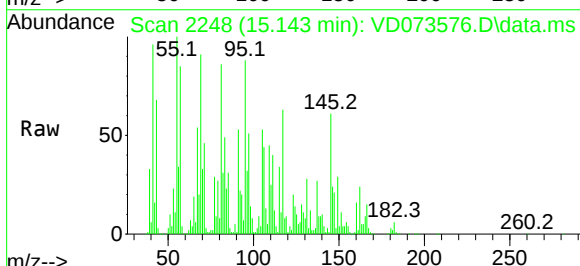
Instrument :
MSVOA_D
ClientSampleId :
40804

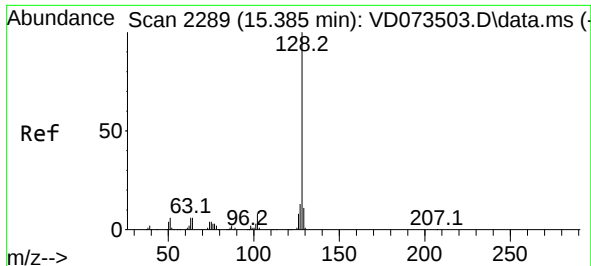
Tgt Ion: 75 Resp: 24142
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#



#93
1,2,4-Trichlorobenzene
Concen: 2.839 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 180 Resp: 9232
Ion Ratio Lower Upper
180 100
182 393.4 47.3 142.0#
145 5949.0 16.2 48.5#

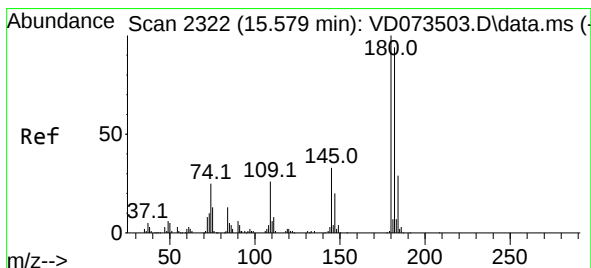
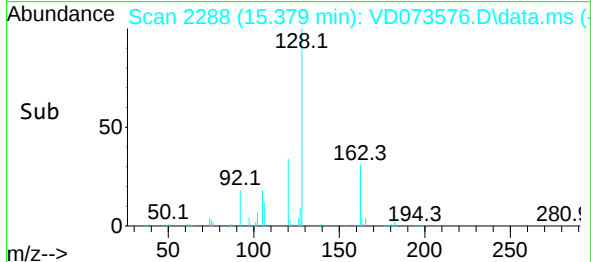
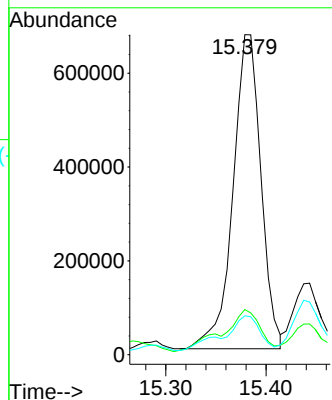
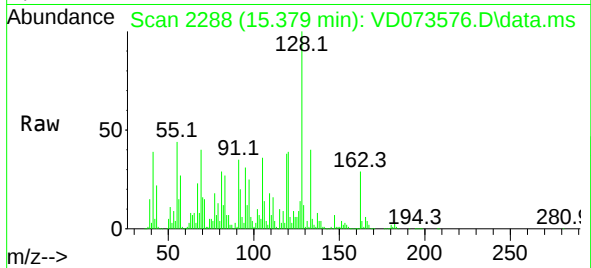




#95
Naphthalene
Concen: 185.176 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Instrument :
MSVOA_D
ClientSampleId :
40804

Tgt Ion:128 Resp: 1299965
Ion Ratio Lower Upper
128 100
127 18.1 10.3 15.5#
129 14.2 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 27.699 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.017 min
Lab File: VD073576.D
Acq: 14 Jun 2022 18:34

Tgt Ion:180 Resp: 78651
Ion Ratio Lower Upper
180 100
182 15.9 47.6 142.9#
145 0.0 17.1 51.3#

