

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072101.D
 Acq On : 25 Feb 2022 15:36
 Operator : VA/SY
 Sample : N1655-04
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PREM-PUMP

Quant Time: Feb 26 05:42:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	560579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	936462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	936225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	445272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	259119	44.562	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.120%		
35) Dibromofluoromethane	7.914	113	273678	48.236	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.480%		
50) Toluene-d8	10.332	98	1188257	56.474	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	112.940%		
62) 4-Bromofluorobenzene	12.626	95	451795	58.456	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	116.920%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	926	Below Cal	#	46
10) Methyl Iodide	4.315	142	296	2.968	ug/l #	63
11) Tert butyl alcohol	5.226	59	90865	273.874	ug/l #	95
13) Acrolein	3.879	56	6401	9.784	ug/l #	1
15) Acrylonitrile	5.479	53	10117	7.113	ug/l #	32
16) Acetone	4.138	43	32657	25.986	ug/l #	75
17) Carbon Disulfide	4.420	76	7471	1.178	ug/l #	86
18) Methyl Acetate	4.809	43	2979	Below Cal	#	52
19) Methyl tert-butyl Ether	5.485	73	182497	14.644	ug/l #	1
20) Methylene Chloride	4.962	84	29276	4.681	ug/l	86
22) Diisopropyl ether	6.361	45	68869	3.674	ug/l	98
23) Vinyl Acetate	6.373	43	38186	3.814	ug/l #	73
25) 2-Butanone	7.208	43	8249	4.749	ug/l #	73
28) Bromochloromethane	7.703	49	6840	1.439	ug/l #	13
30) Chloroform	7.708	83	83453	7.288	ug/l	98
31) Cyclohexane	7.979	56	179916	17.517	ug/l #	96
36) 1,1-Dichloropropene	7.979	75	45274	5.268	ug/l #	50
37) Ethyl Acetate	7.208	43	8249	2.070	ug/l #	73
38) Carbon Tetrachloride	7.979	117	57828	6.565	ug/l #	16
39) Methylcyclohexane	9.350	83	143375	14.254	ug/l	98
40) Benzene	8.350	78	1287504	53.090	ug/l	97
43) Isopropyl Acetate	8.420	43	96894	13.056	ug/l #	51
47) Bromodichloromethane	9.638	83	9122	1.036	ug/l #	41
48) Methyl methacrylate	9.485	41	11012	2.937	ug/l #	35
51) 4-Methyl-2-Pentanone	10.261	43	38382	9.758	ug/l	89
52) Toluene	10.397	92	67344	4.339	ug/l	99
55) 1,1,2-Trichloroethane	10.773	97	55316	11.514	ug/l #	28
56) Ethyl methacrylate	10.679	69	13224	2.305	ug/l #	18
59) 2-Hexanone	10.949	43	64154	23.913	ug/l #	29
67) Ethyl Benzene	11.738	91	85083	2.667	ug/l	97
68) m/p-Xylenes	11.849	106	48387	3.962	ug/l	99
69) o-Xylene	12.173	106	19217	1.673	ug/l	90
74) N-amyl acetate	12.255	43	23067	3.125	ug/l #	26
75) 1,1,2,2-Tetrachloroethane	12.714	83	7859	1.300	ug/l #	74
76) 1,2,3-Trichloropropane	12.626	75	234373	55.569	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.949	105	296095	11.599	ug/l	100

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

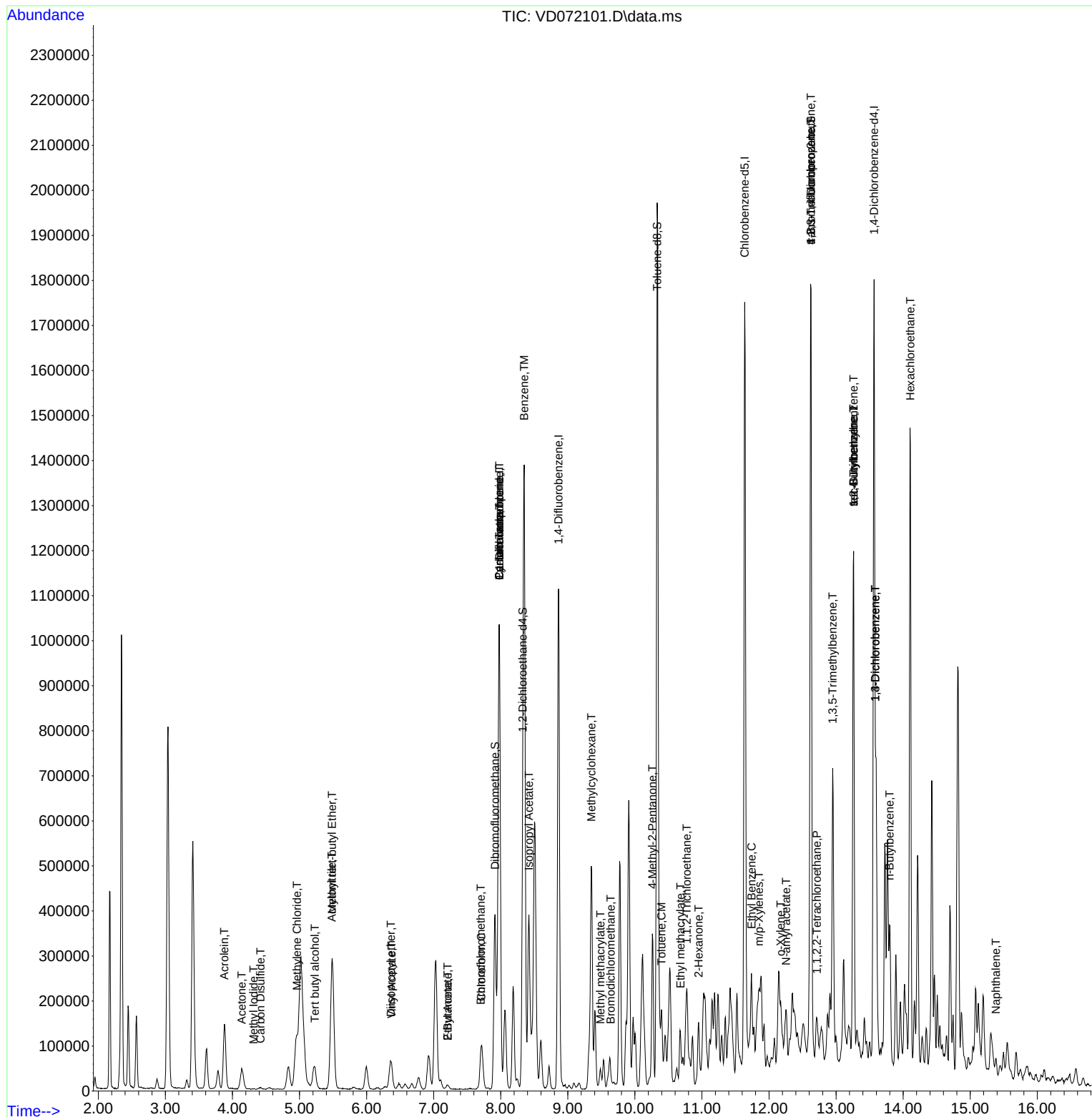
81) trans-1,4-Dichloro-2-b...	12.626	75	234373	139.156	ug/l #	11
83) tert-Butylbenzene	13.261	119	78935	3.599	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.261	105	634712	25.292	ug/l	98
85) sec-Butylbenzene	13.261	105	634712	18.996	ug/l #	57
87) 1,3-Dichlorobenzene	13.585	146	18532	1.280	ug/l #	68
88) 1,4-Dichlorobenzene	13.585	146	18532	1.274	ug/l #	71
89) n-Butylbenzene	13.796	91	29162	1.116	ug/l #	1
90) Hexachloroethane	14.108	117	74762	13.553	ug/l #	15
95) Naphthalene	15.385	128	30198	2.134	ug/l	97

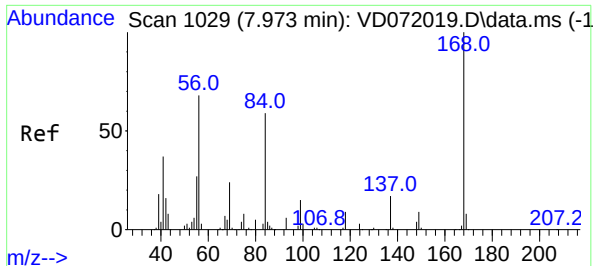
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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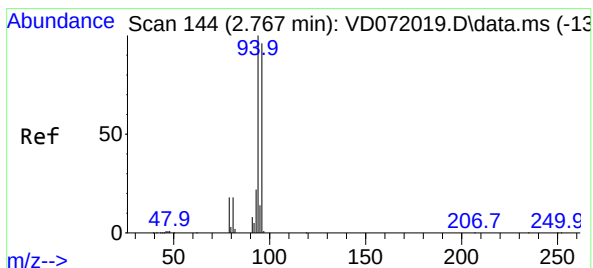
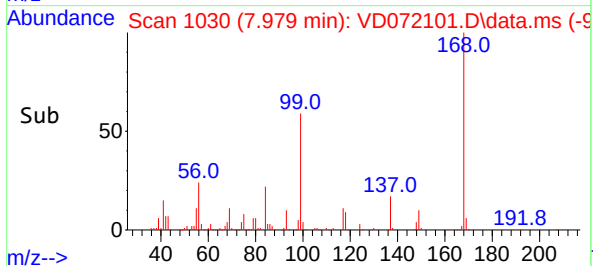
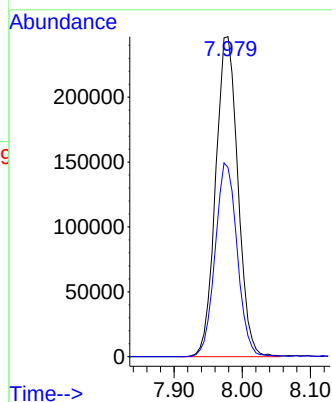
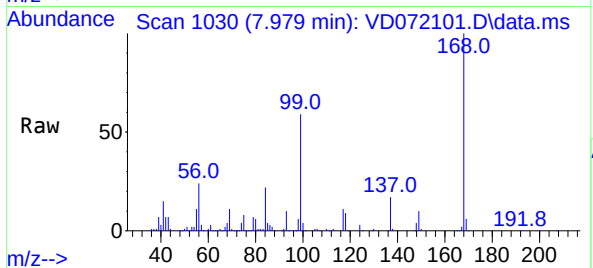




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

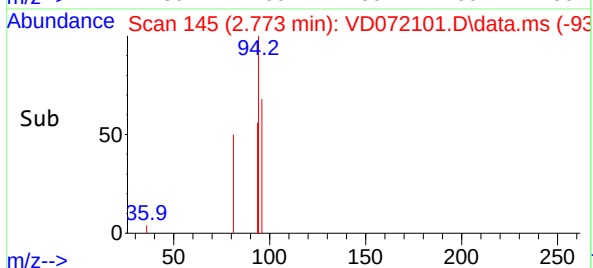
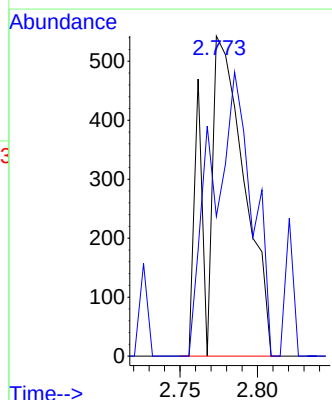
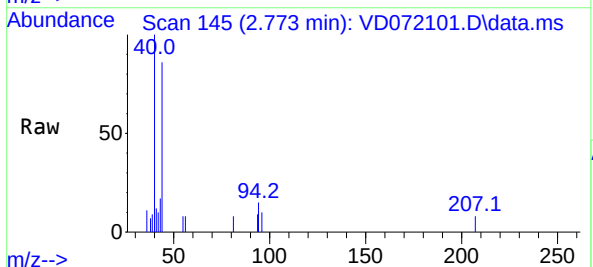
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

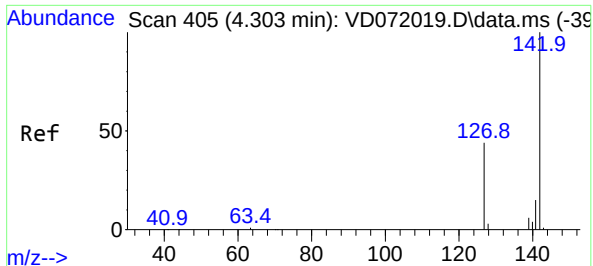
Tgt Ion:168 Resp: 560579
Ion Ratio Lower Upper
168 100
99 59.0 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 94 Resp: 926
Ion Ratio Lower Upper
94 100
96 43.6 76.8 115.2#

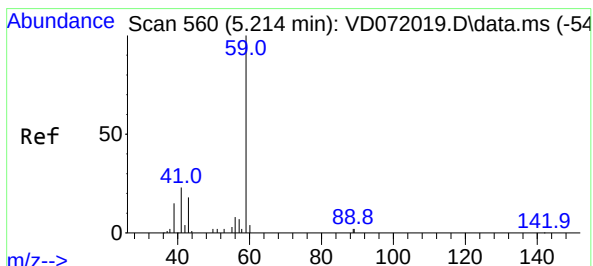
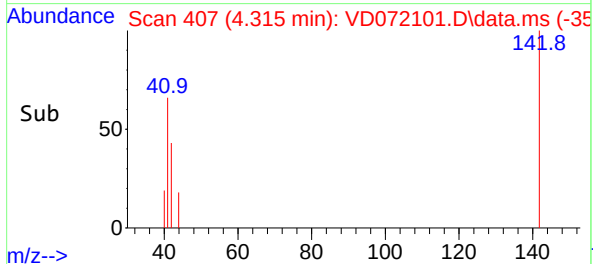
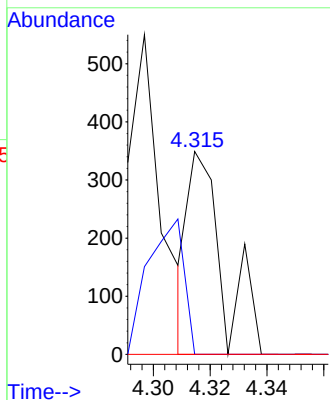
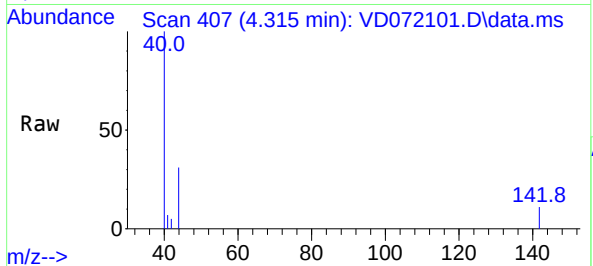




#10
Methyl Iodide
Concen: 2.968 ug/l
RT: 4.315 min Scan# 405
Delta R.T. 0.012 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

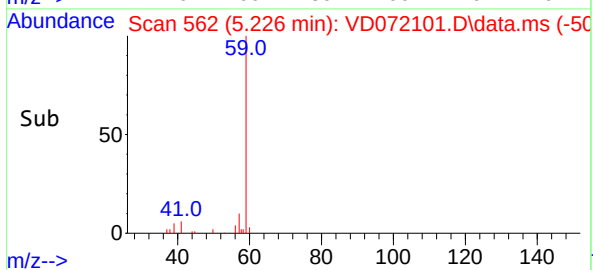
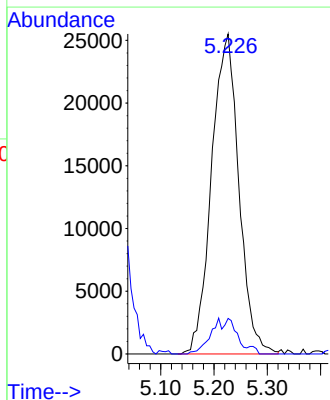
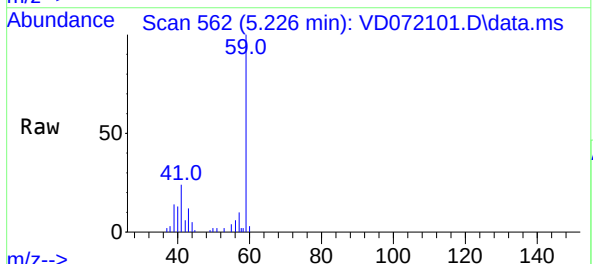
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

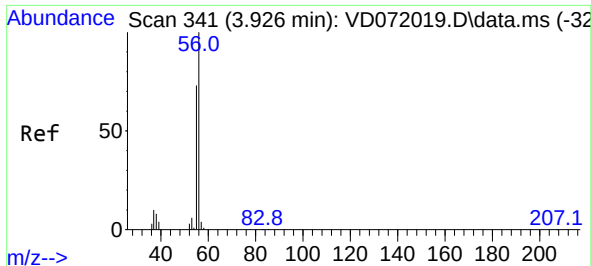
Tgt Ion:142 Resp: 296
Ion Ratio Lower Upper
142 100
127 68.9 35.8 53.8#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 273.874 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.012 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 59 Resp: 90865
Ion Ratio Lower Upper
59 100
57 5.0 5.4 8.2#

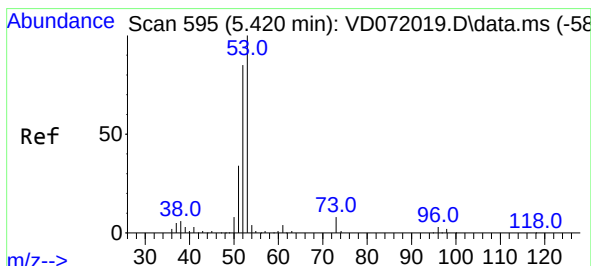
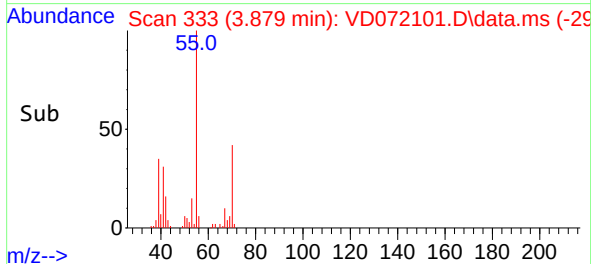
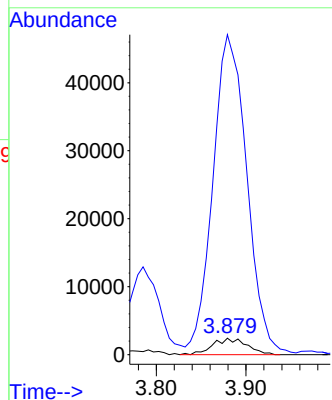
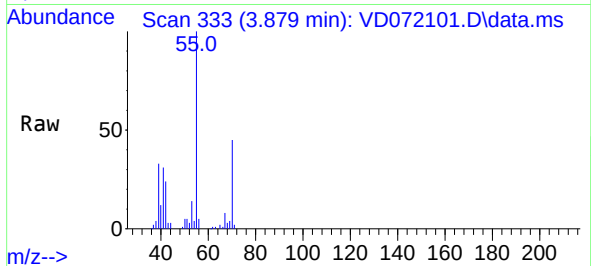




#13
Acrolein
Concen: 9.784 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.047 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

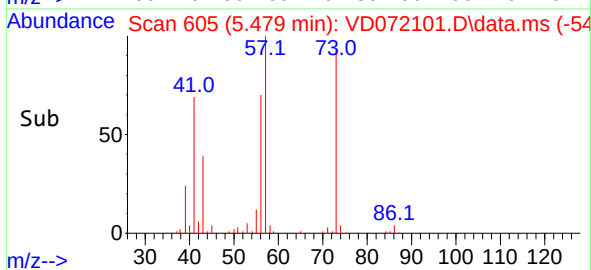
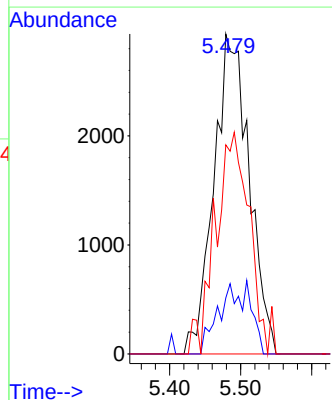
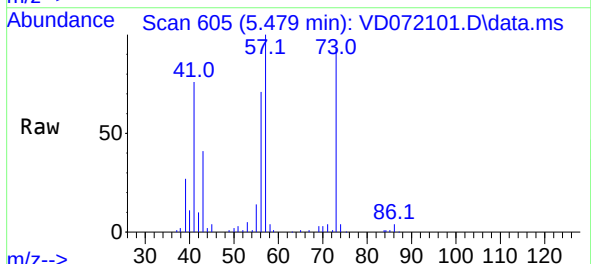
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

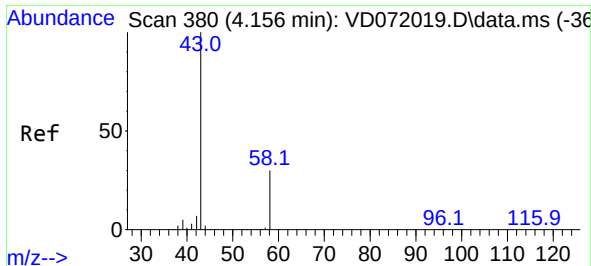
Tgt Ion: 56 Resp: 6401
Ion Ratio Lower Upper
56 100
55 1917.5 55.8 83.6#



#15
Acrylonitrile
Concen: 7.113 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.059 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 53 Resp: 10117
Ion Ratio Lower Upper
53 100
52 14.0 65.8 98.6#
51 66.0 29.4 44.0#

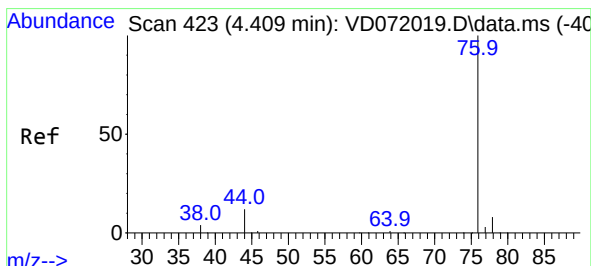
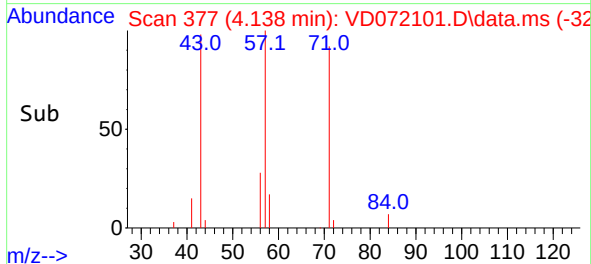
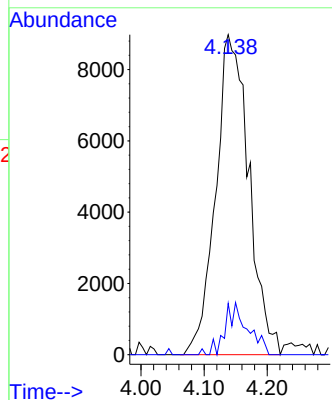
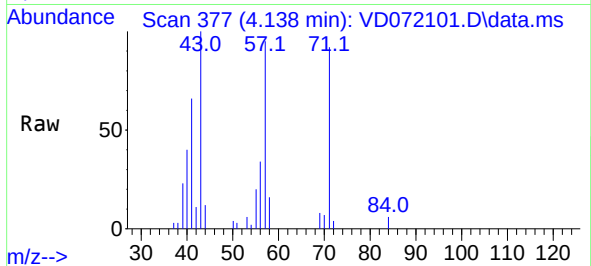




#16
Acetone
Concen: 25.986 ug/l
RT: 4.138 min Scan# 31
Delta R.T. -0.018 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

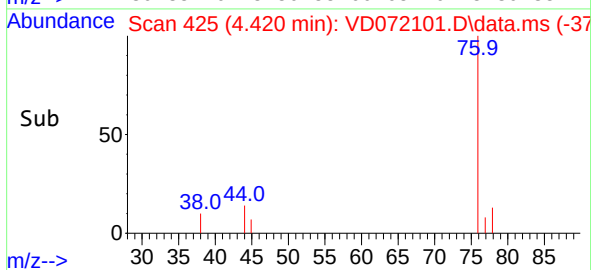
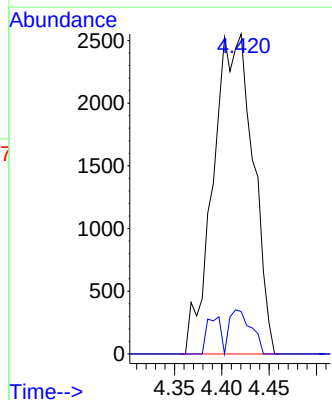
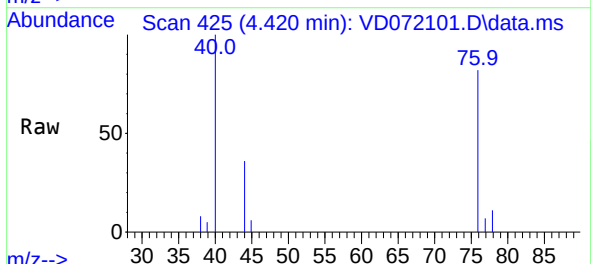
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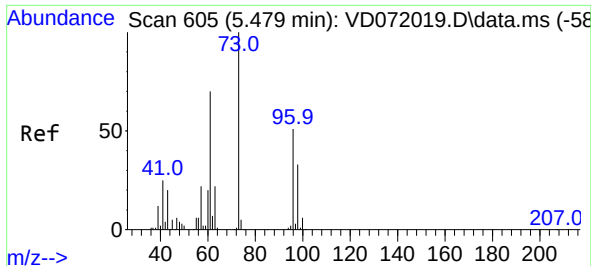
Tgt Ion: 43 Resp: 32657
Ion Ratio Lower Upper
43 100
58 16.0 23.8 35.6#



#17
Carbon Disulfide
Concen: 1.178 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.011 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 76 Resp: 7471
Ion Ratio Lower Upper
76 100
78 13.2 6.7 10.1#

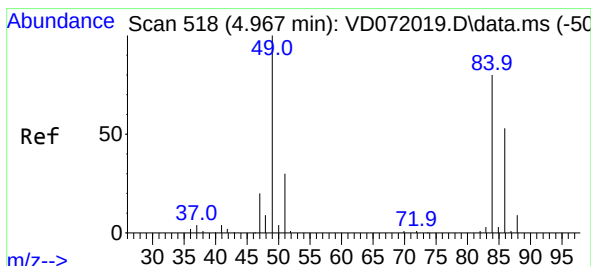
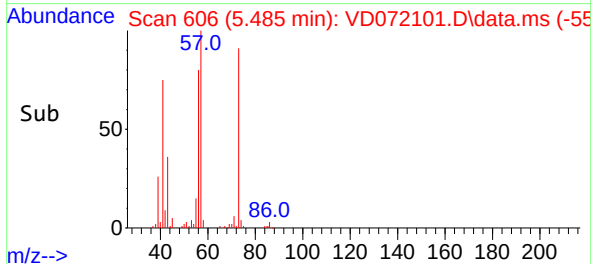
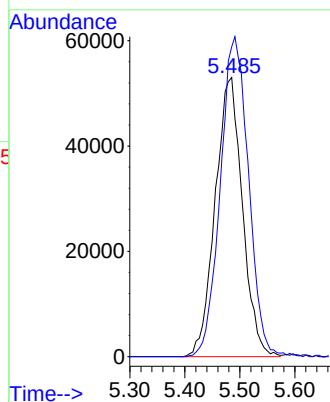
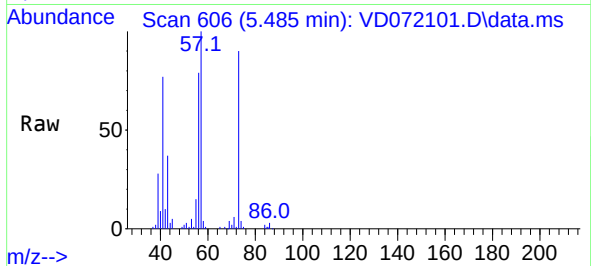




#19
Methyl tert-butyl Ether
Concen: 14.644 ug/l
RT: 5.485 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

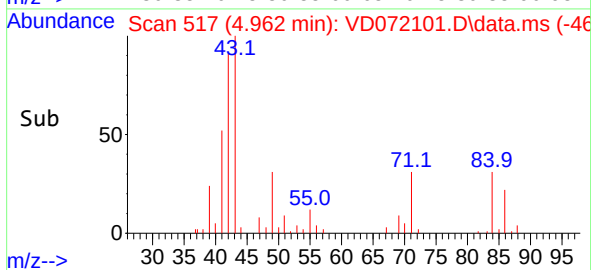
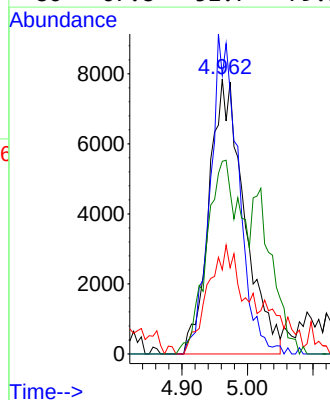
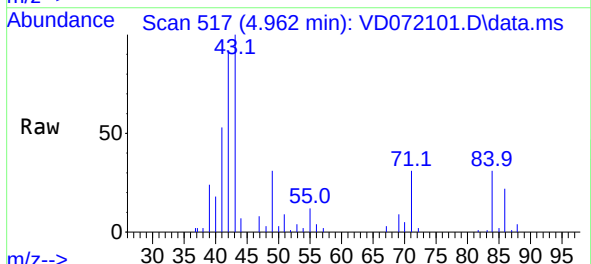
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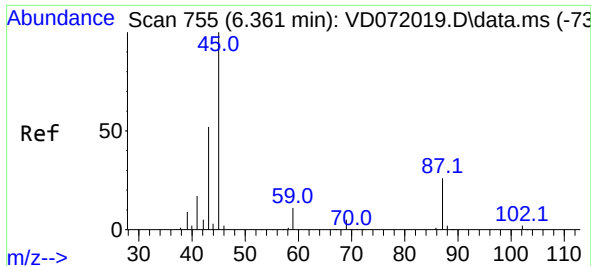
Tgt Ion: 73 Resp: 182497
Ion Ratio Lower Upper
73 100
57 111.0 18.0 27.0#



#20
Methylene Chloride
Concen: 4.681 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 84 Resp: 29276
Ion Ratio Lower Upper
84 100
49 101.4 100.0 150.0
51 30.6 30.2 45.4
86 67.8 52.7 79.1

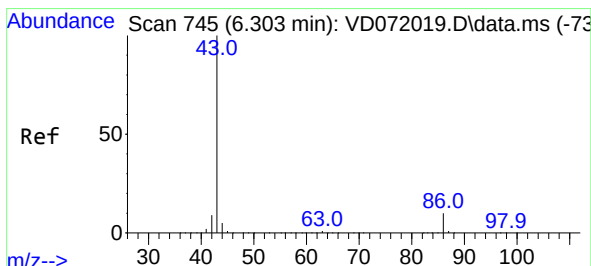
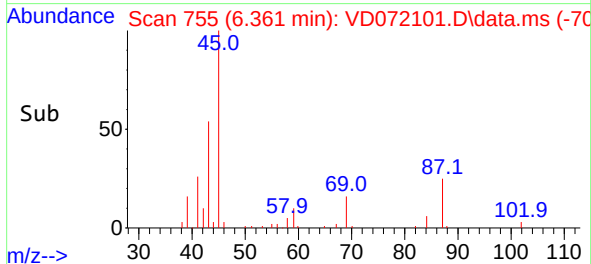
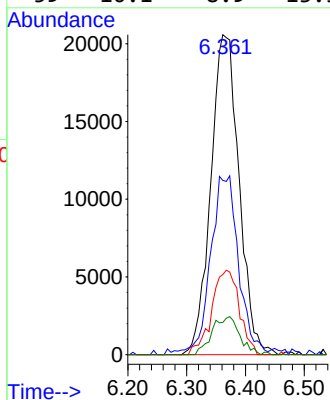
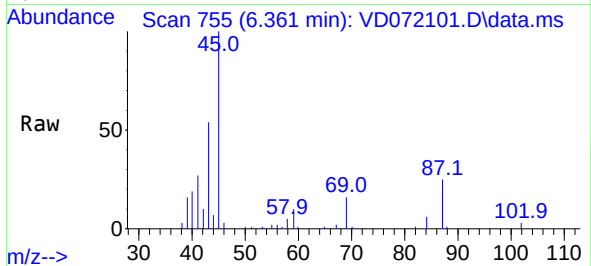




#22
Diisopropyl ether
Concen: 3.674 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

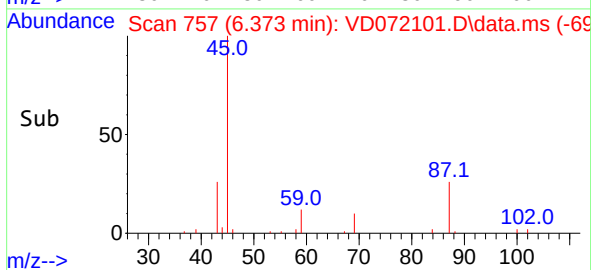
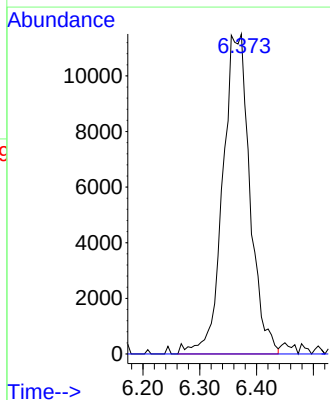
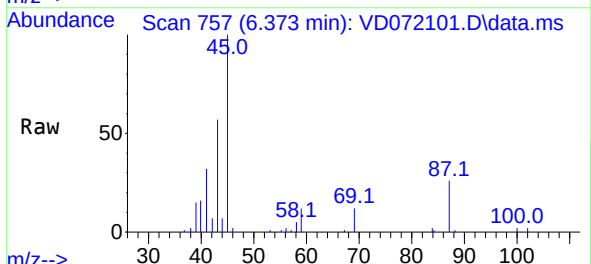
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

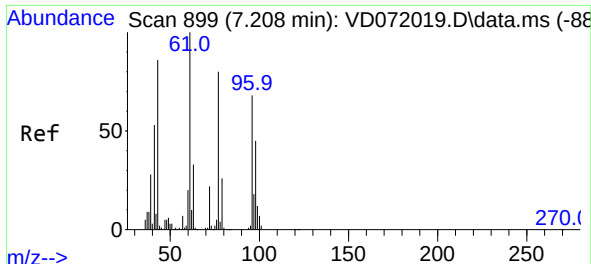
Tgt Ion:	45	Resp:	68869
Ion	Ratio	Lower	Upper
45	100		
43	53.3	41.3	61.9
87	25.0	20.4	30.6
59	10.1	8.9	13.3



#23
Vinyl Acetate
Concen: 3.814 ug/l
RT: 6.373 min Scan# 757
Delta R.T. 0.071 min
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Tgt Ion:	43	Resp:	38186
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1

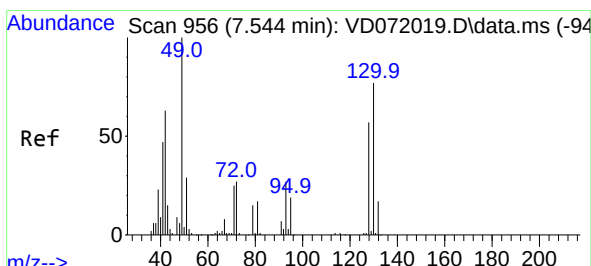
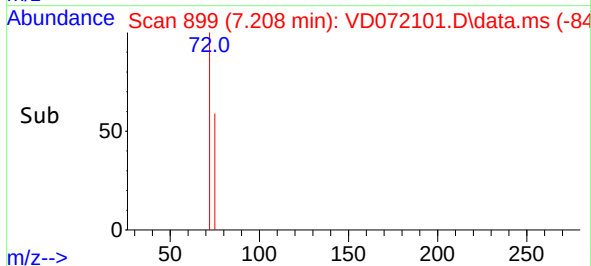
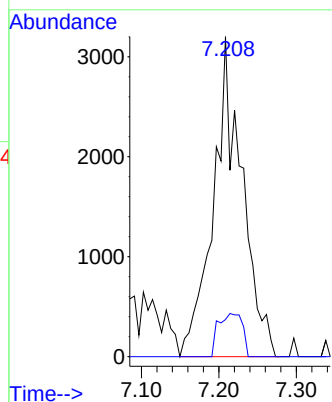
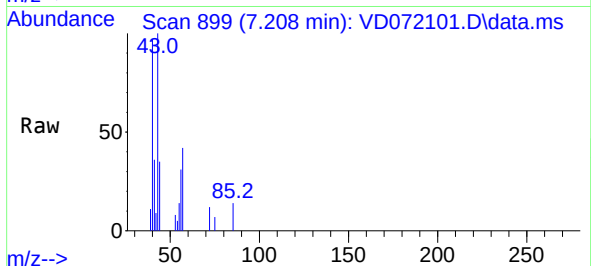




#25
2-Butanone
Concen: 4.749 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

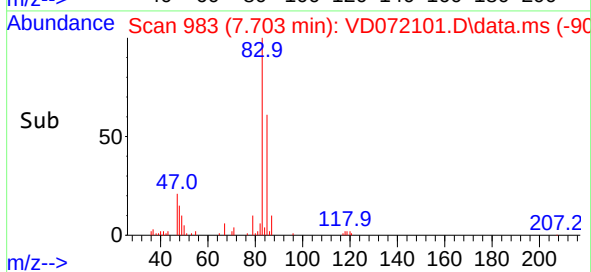
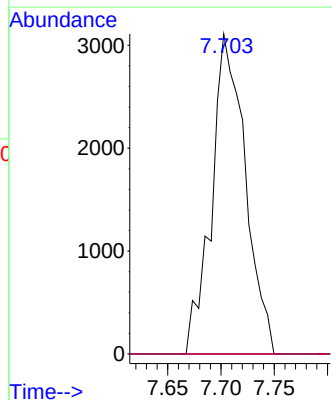
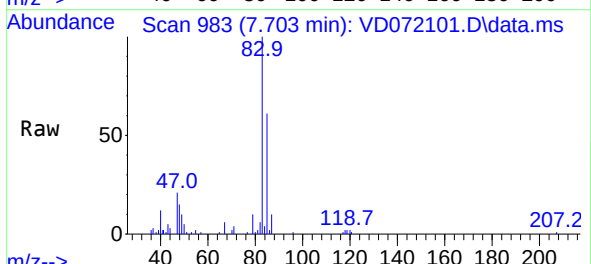
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

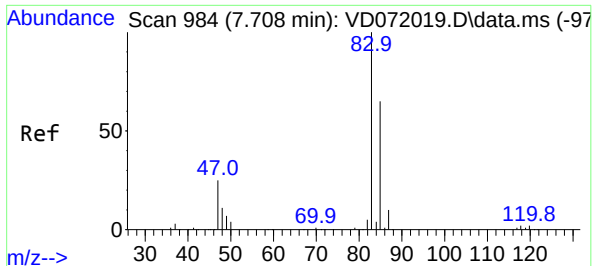
Tgt Ion: 43 Resp: 8249
Ion Ratio Lower Upper
43 100
72 11.6 20.3 30.5#



#28
Bromochloromethane
Concen: 1.439 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.159 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 49 Resp: 6840
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 61.1 91.7#





#30

Chloroform

Concen: 7.288 ug/l

RT: 7.708 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072101.D

Acq: 25 Feb 2022 15:36

Instrument :

MSVOA_D

ClientSampleId :

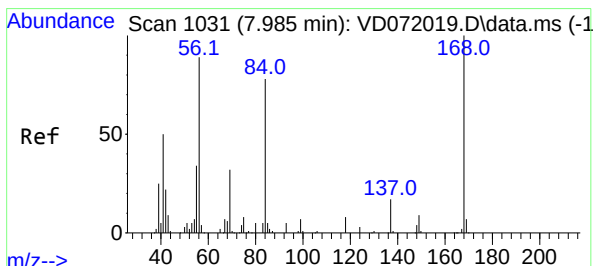
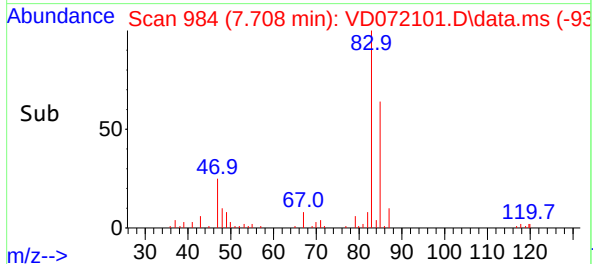
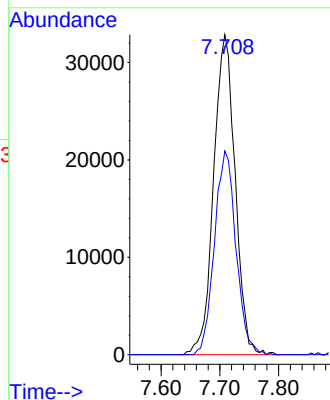
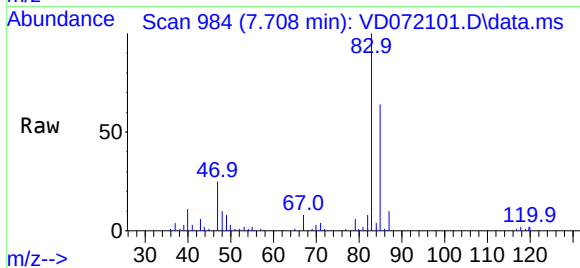
PREM-PUMP

Tgt Ion: 83 Resp: 83453

Ion Ratio Lower Upper

83 100

85 63.6 52.2 78.2



#31

Cyclohexane

Concen: 17.517 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072101.D

Acq: 25 Feb 2022 15:36

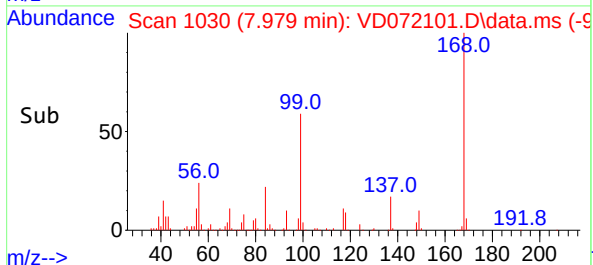
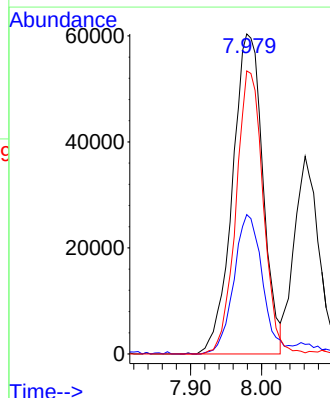
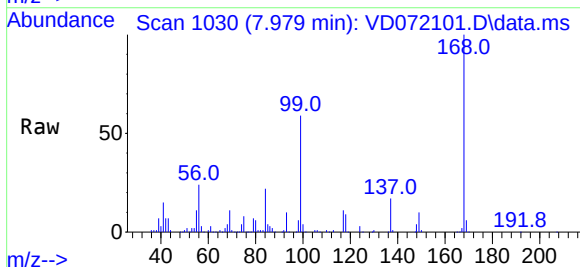
Tgt Ion: 56 Resp: 179916

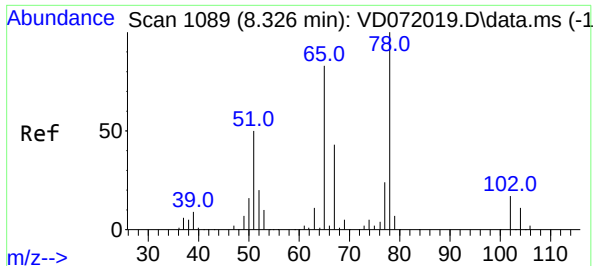
Ion Ratio Lower Upper

56 100

69 43.6 28.9 43.3#

84 88.5 70.6 105.8

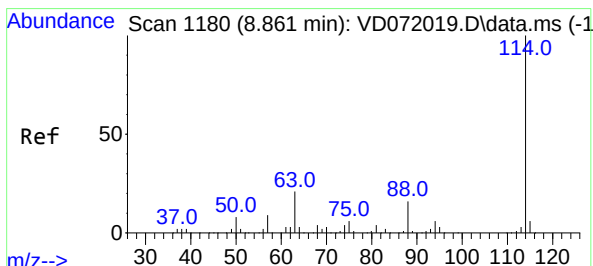
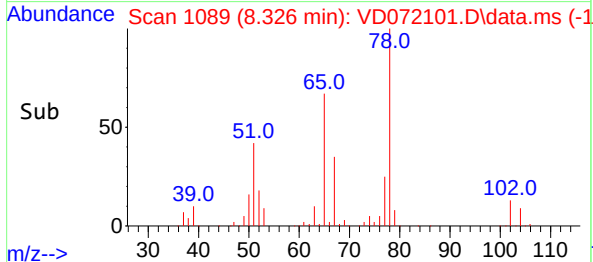
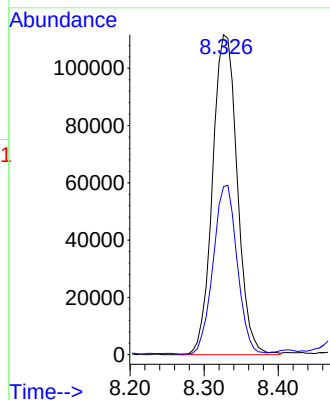
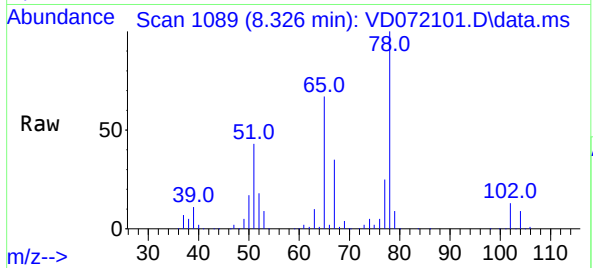




#33
1,2-Dichloroethane-d4
Concen: 44.562 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

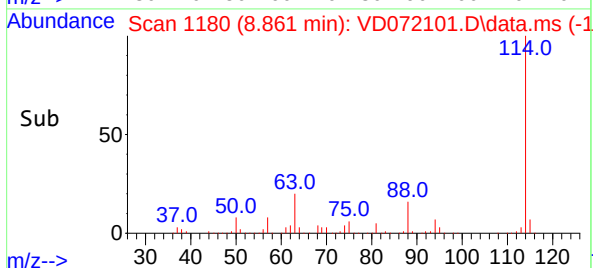
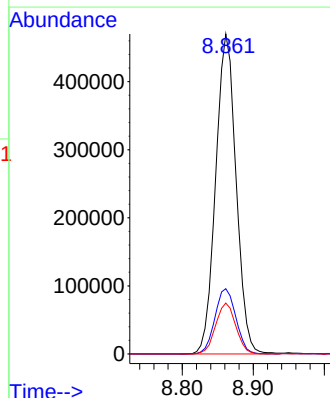
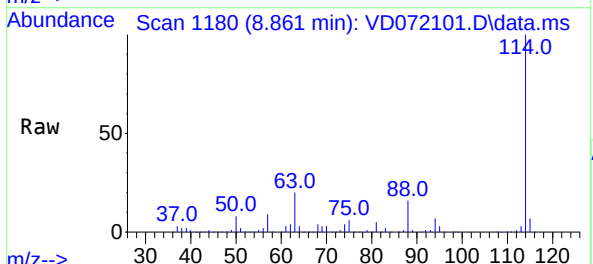
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

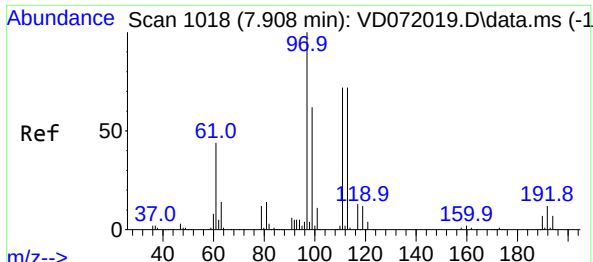
Tgt Ion: 65 Resp: 259119
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 114 Resp: 936462
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.2
88 15.9 0.0 31.2

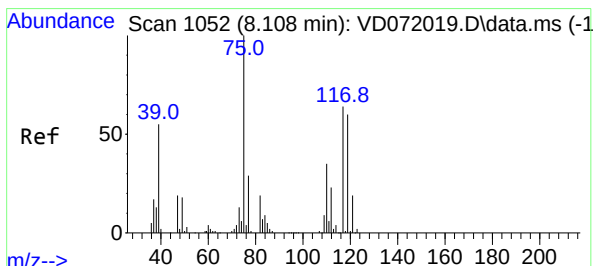
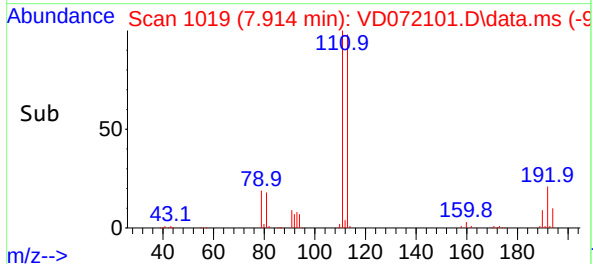
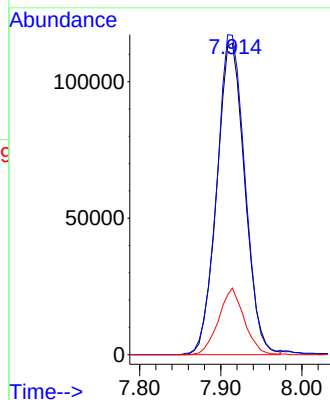
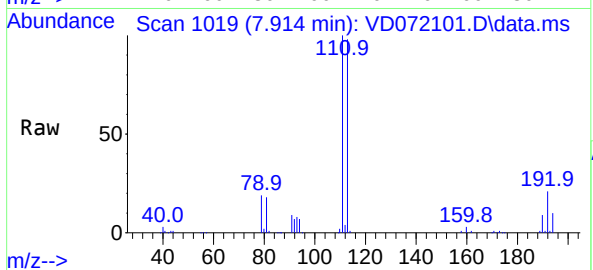




#35
Dibromofluoromethane
Concen: 48.236 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

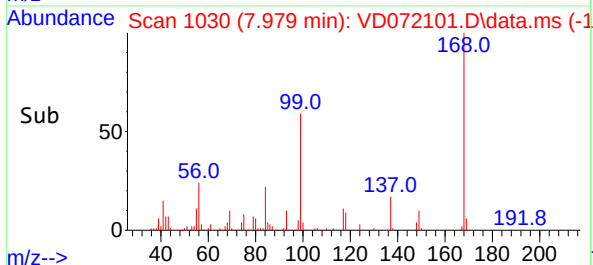
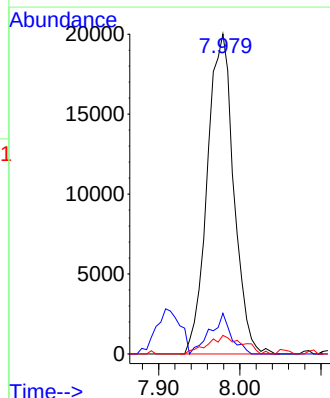
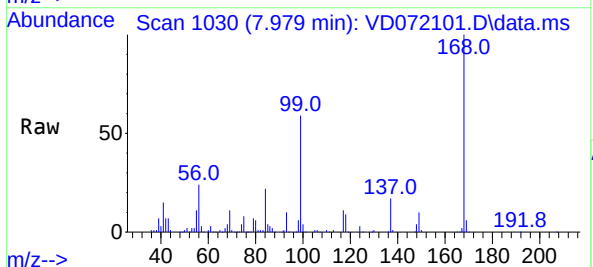
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

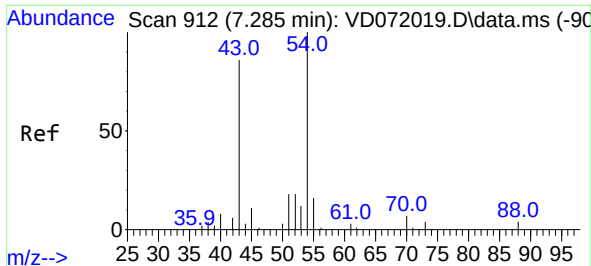
Tgt Ion:113 Resp: 273678
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.4
192 19.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.268 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 75 Resp: 45274
Ion Ratio Lower Upper
75 100
110 9.7 17.7 53.1#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 2.070 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.076 min

Lab File: VD072101.D

Acq: 25 Feb 2022 15:36

Instrument :

MSVOA_D

ClientSampleId :

PREM-PUMP

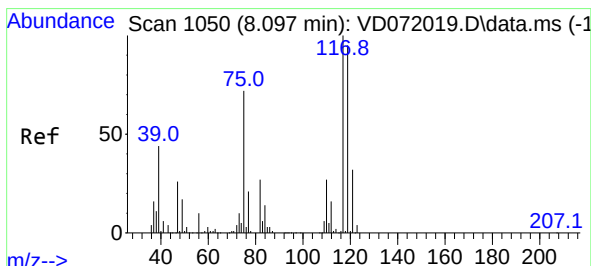
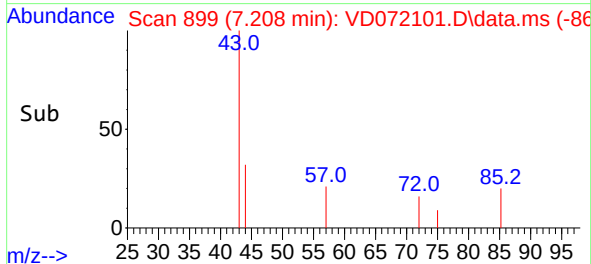
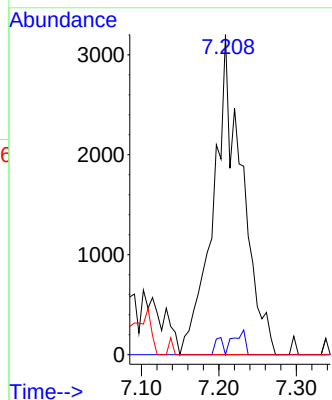
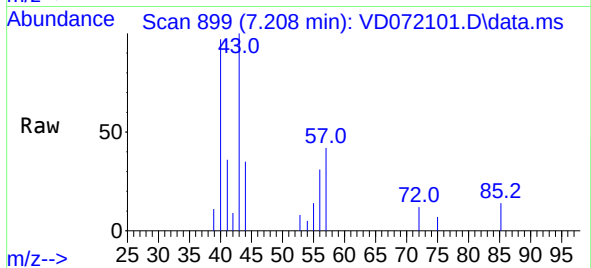
Tgt Ion: 43 Resp: 8249

Ion Ratio Lower Upper

43 100

61 1.4 9.8 14.8#

70 0.0 7.4 11.2#



#38

Carbon Tetrachloride

Concen: 6.565 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD072101.D

Acq: 25 Feb 2022 15:36

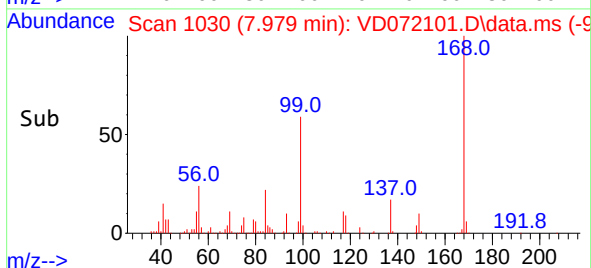
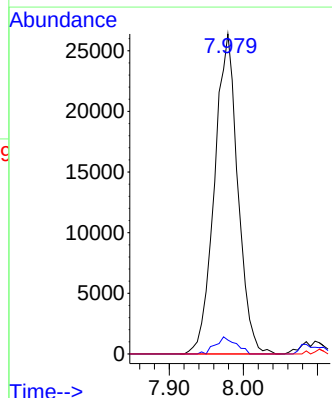
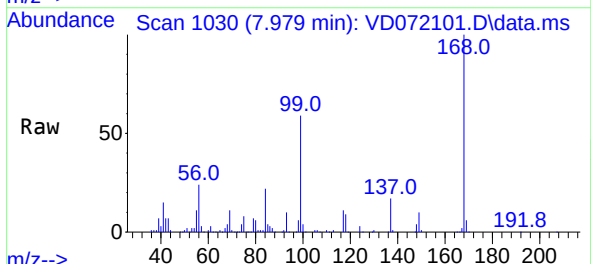
Tgt Ion: 117 Resp: 57828

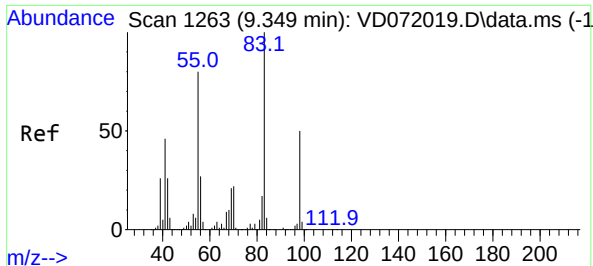
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.8#

121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 14.254 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072101.D

Acq: 25 Feb 2022 15:36

Instrument :

MSVOA_D

ClientSampleId :

PREM-PUMP

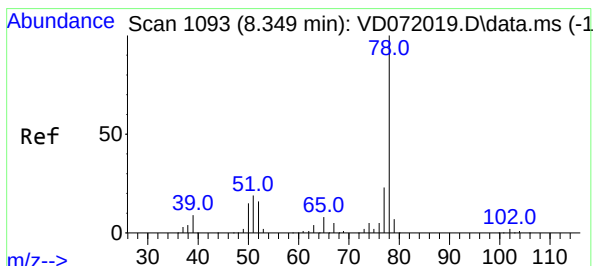
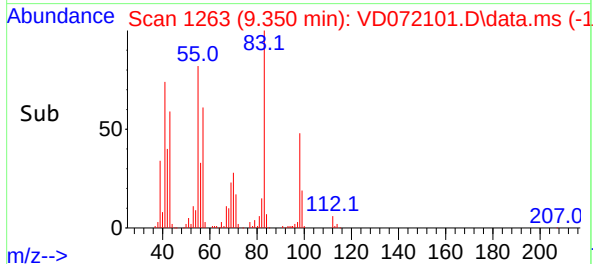
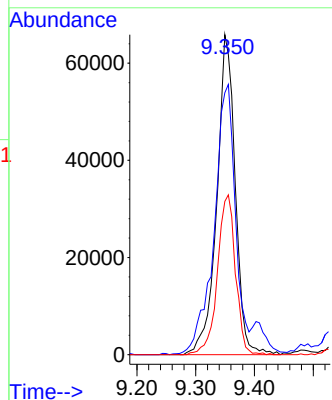
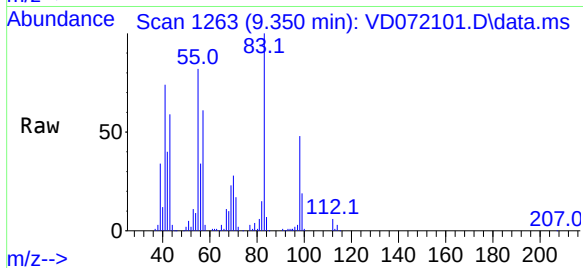
Tgt Ion: 83 Resp: 143375

Ion Ratio Lower Upper

83 100

55 81.4 64.0 96.0

98 47.9 39.8 59.8



#40

Benzene

Concen: 53.090 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072101.D

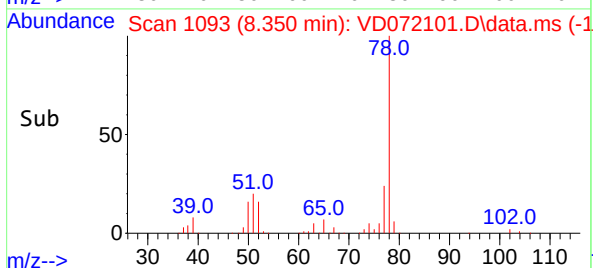
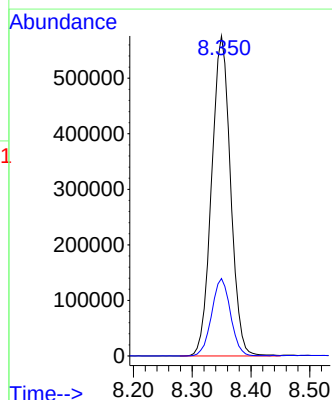
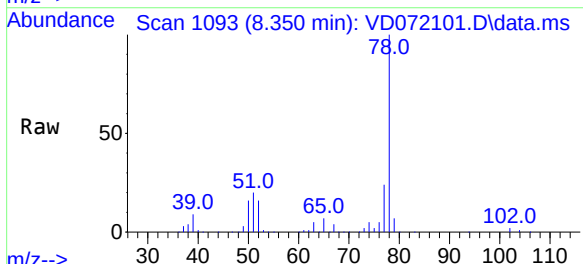
Acq: 25 Feb 2022 15:36

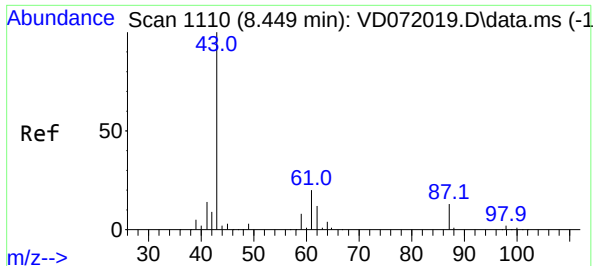
Tgt Ion: 78 Resp: 1287504

Ion Ratio Lower Upper

78 100

77 24.2 18.2 27.4

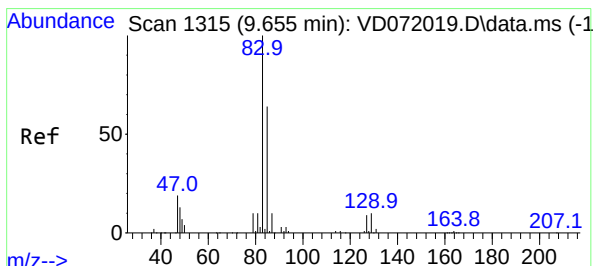
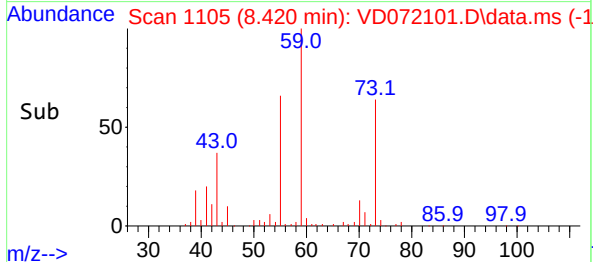
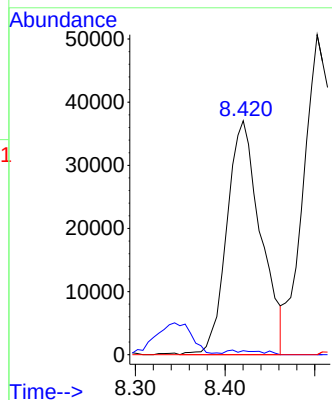
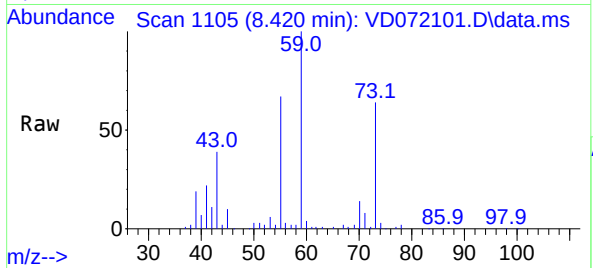




#43
Isopropyl Acetate
Concen: 13.056 ug/l
RT: 8.420 min Scan# 1110
Delta R.T. -0.029 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

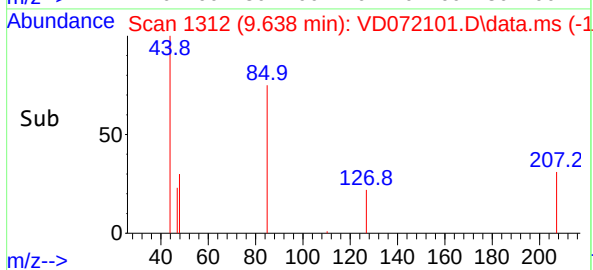
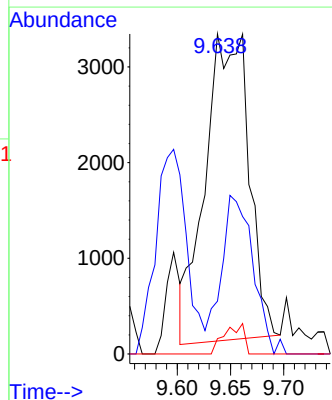
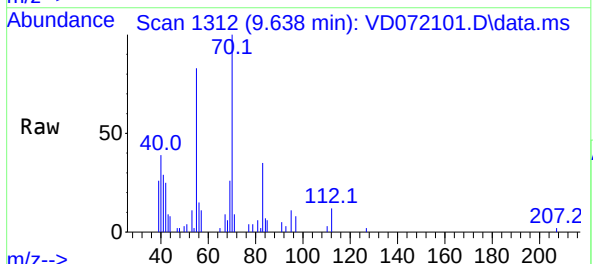
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

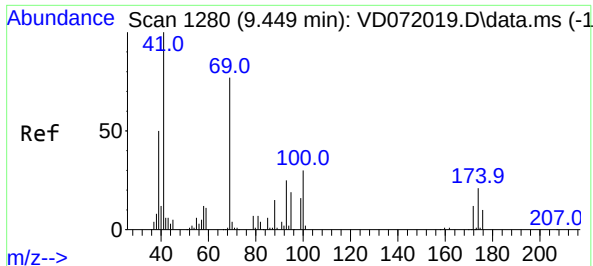
Tgt Ion: 43 Resp: 96894
Ion Ratio Lower Upper
43 100
61 0.0 24.6 37.0#
87 0.0 10.1 15.1#



#47
Bromodichloromethane
Concen: 1.036 ug/l
RT: 9.638 min Scan# 1312
Delta R.T. -0.018 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 83 Resp: 9122
Ion Ratio Lower Upper
83 100
85 12.7 51.4 77.0#
127 5.1 7.0 10.6#

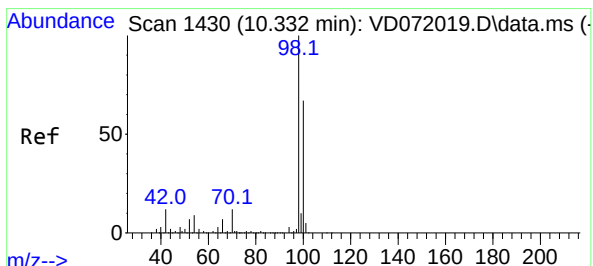
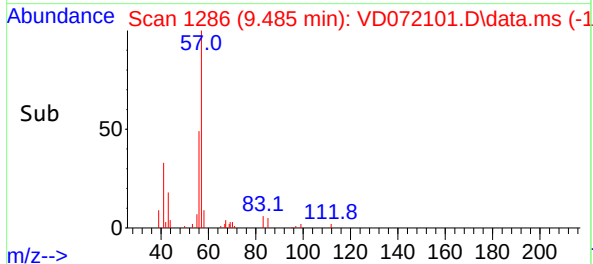
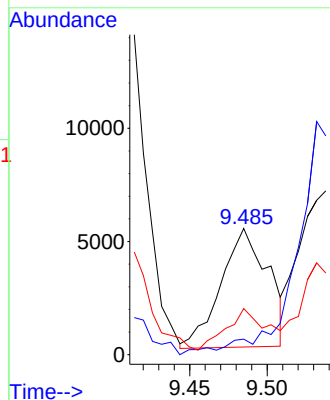
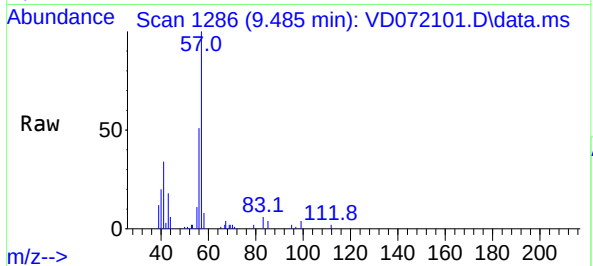




#48
Methyl methacrylate
Concen: 2.937 ug/l
RT: 9.485 min Scan# 11012
Delta R.T. 0.035 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

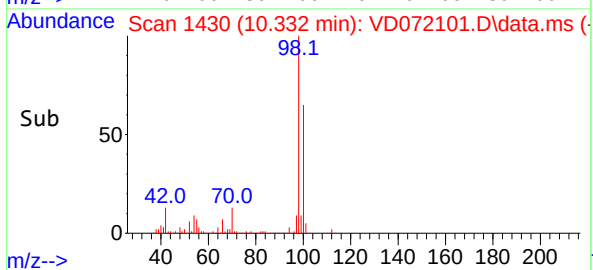
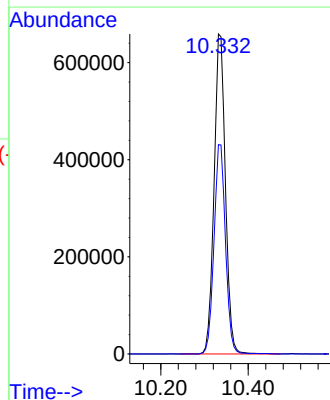
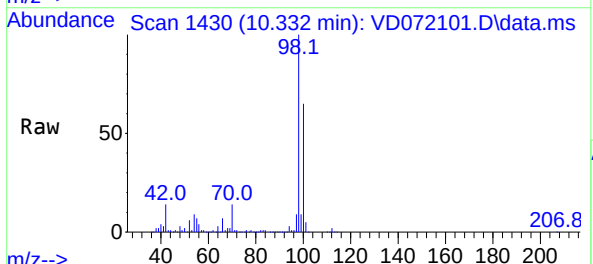
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

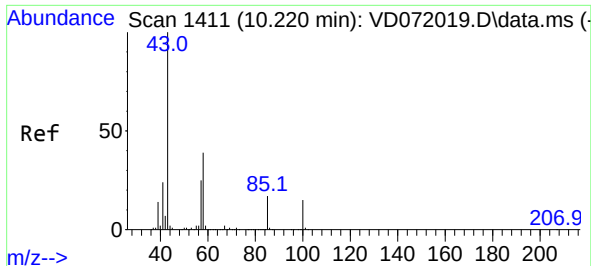
Tgt Ion: 41 Resp: 11012
Ion Ratio Lower Upper
41 100
69 0.0 61.6 92.4#
39 30.0 38.6 57.8#



#50
Toluene-d8
Concen: 56.474 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 98 Resp: 1188257
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6

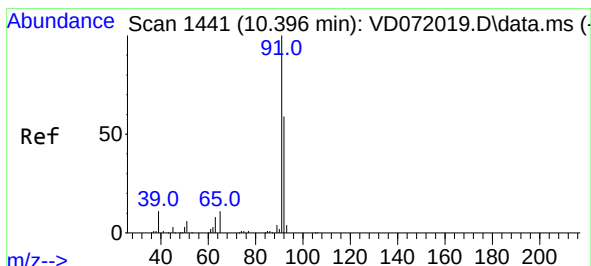
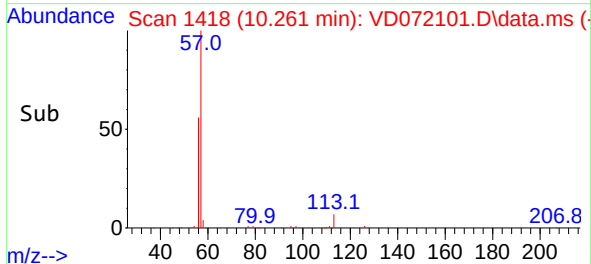
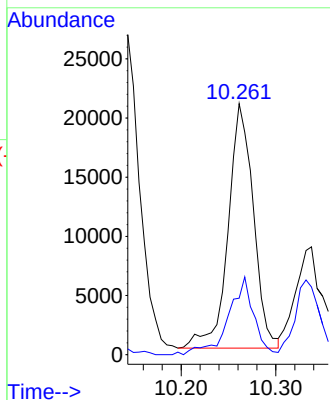
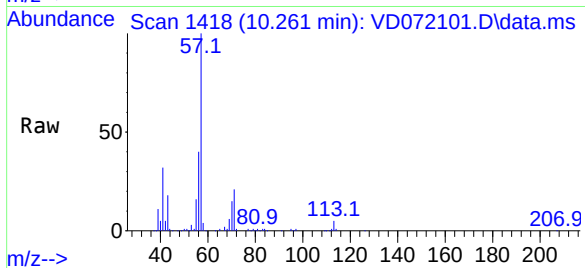




#51
4-Methyl-2-Pentanone
Concen: 9.758 ug/l
RT: 10.261 min Scan# 1418
Delta R.T. 0.041 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

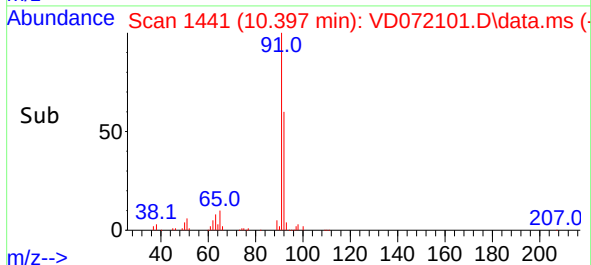
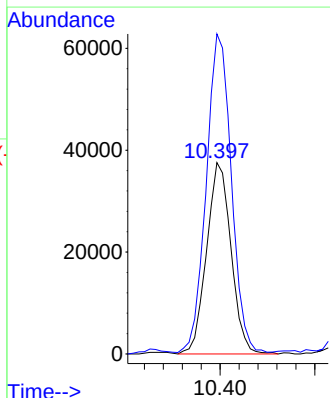
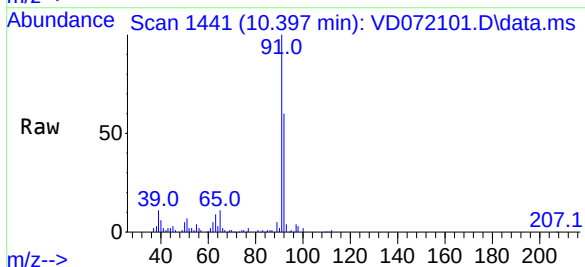
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

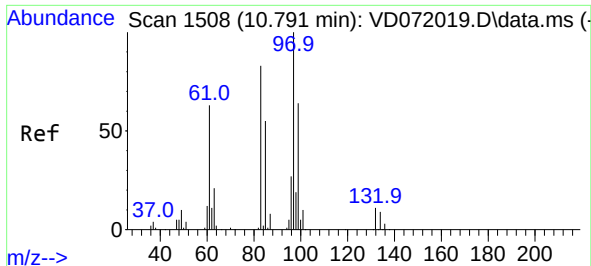
Tgt Ion: 43 Resp: 38382
Ion Ratio Lower Upper
43 100
58 31.7 30.8 46.2



#52
Toluene
Concen: 4.339 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 92 Resp: 67344
Ion Ratio Lower Upper
92 100
91 170.2 135.6 203.4

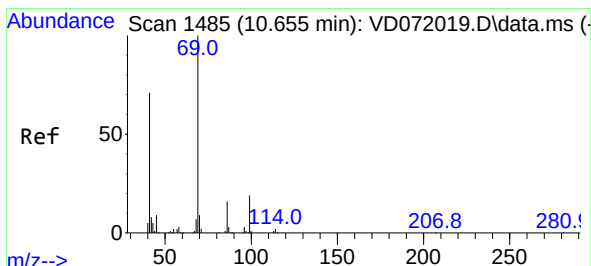
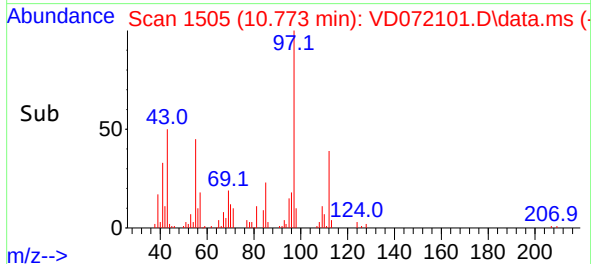
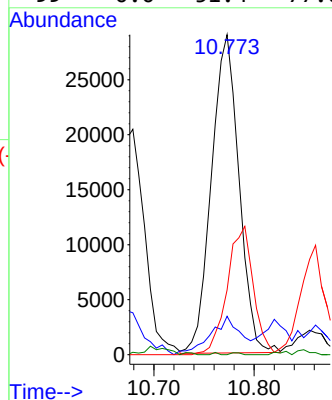
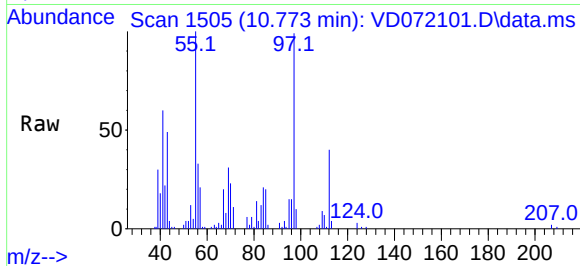




#55
1,1,2-Trichloroethane
Concen: 11.514 ug/l
RT: 10.773 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

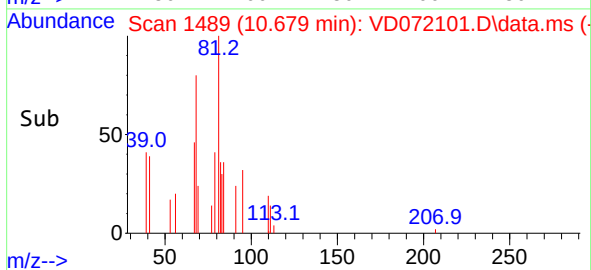
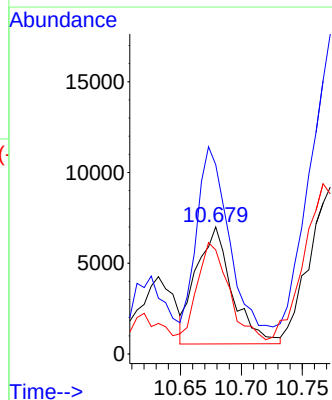
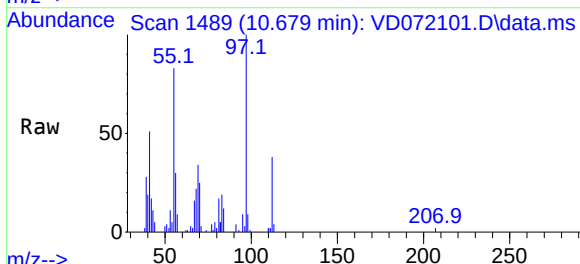
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

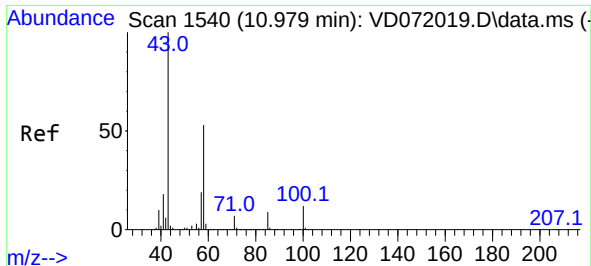
Tgt Ion:	97	Resp:	55316
Ion	Ratio	Lower	Upper
97	100		
83	11.0	66.2	99.4#
85	20.4	43.7	65.5#
99	0.0	51.4	77.0#



#56
Ethyl methacrylate
Concen: 2.305 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.024 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion:	69	Resp:	13224
Ion	Ratio	Lower	Upper
69	100		
41	146.7	56.8	85.2#
39	72.2	28.2	42.4#

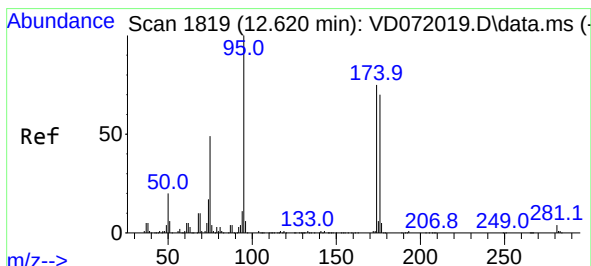
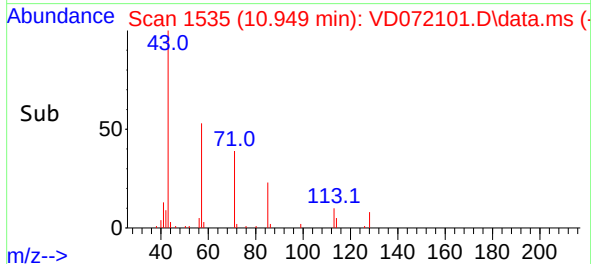
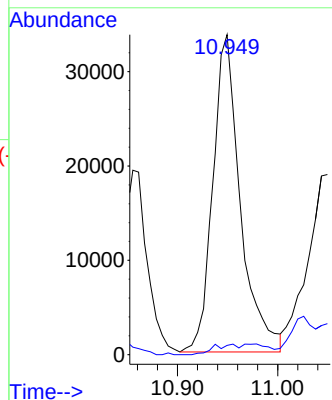
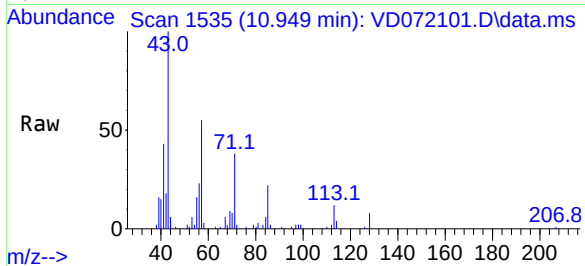




#59
2-Hexanone
Concen: 23.913 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

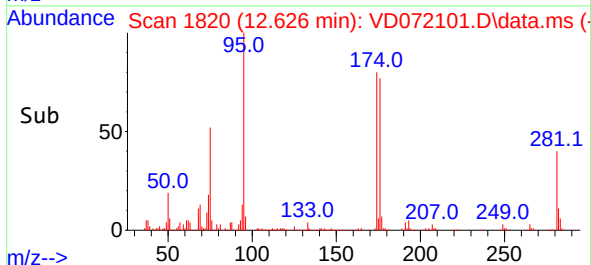
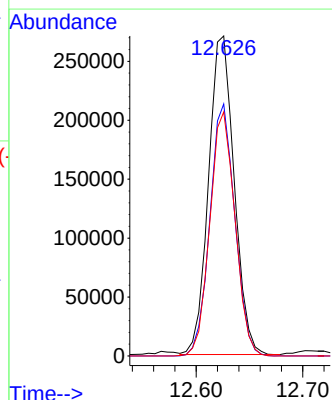
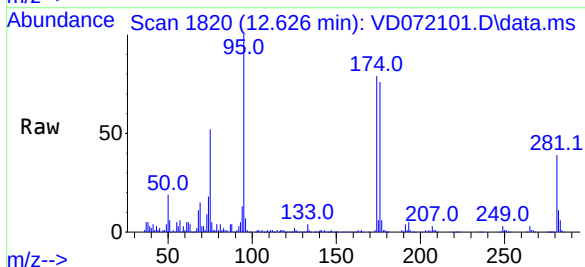
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

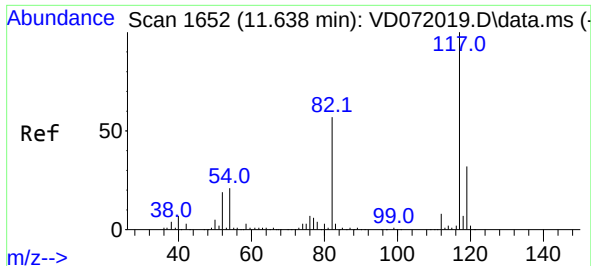
Tgt Ion: 43 Resp: 64154
Ion Ratio Lower Upper
43 100
58 3.0 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 58.456 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 95 Resp: 451795
Ion Ratio Lower Upper
95 100
174 77.0 0.0 155.0
176 75.1 0.0 148.8

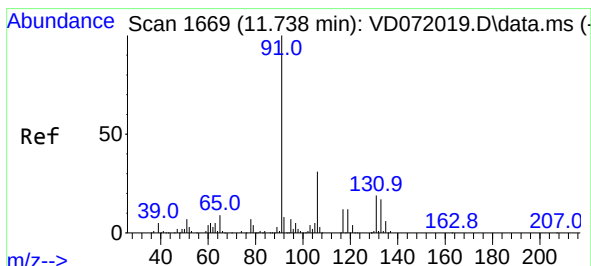
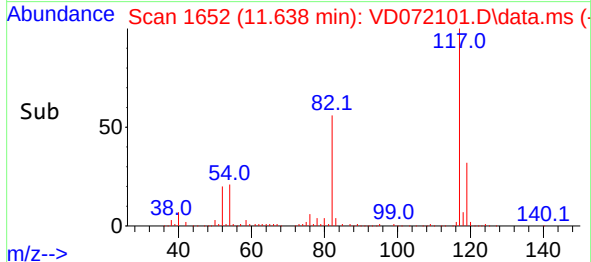
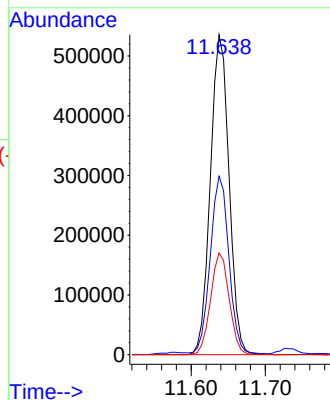
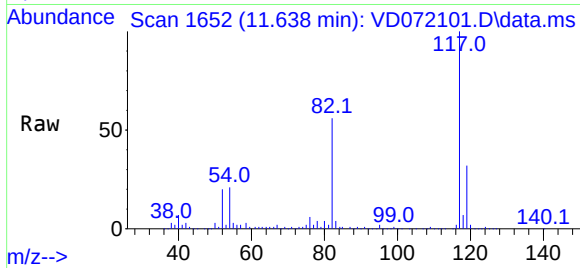




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

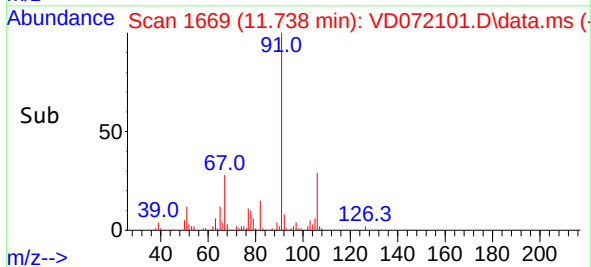
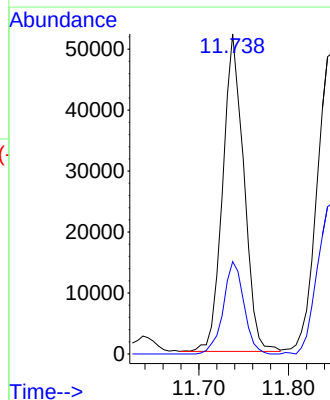
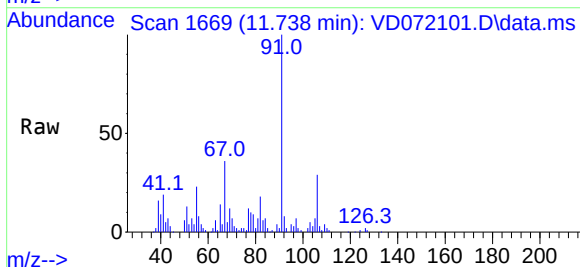
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

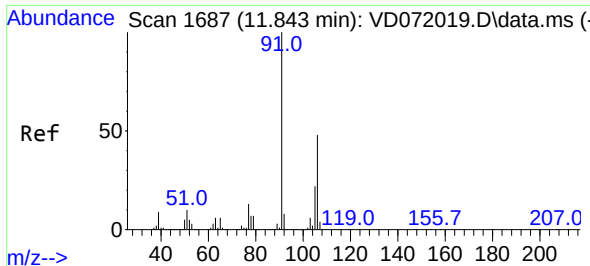
Tgt Ion:117 Resp: 936225
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 31.8 25.4 38.2



#67
Ethyl Benzene
Concen: 2.667 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 91 Resp: 85083
Ion Ratio Lower Upper
91 100
106 29.1 24.6 36.8

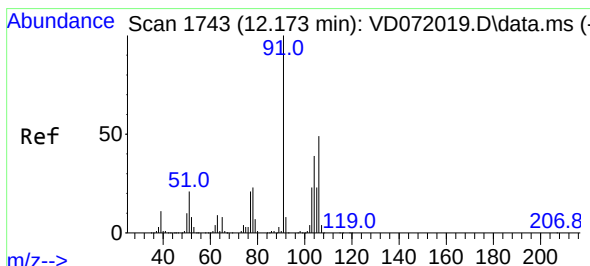
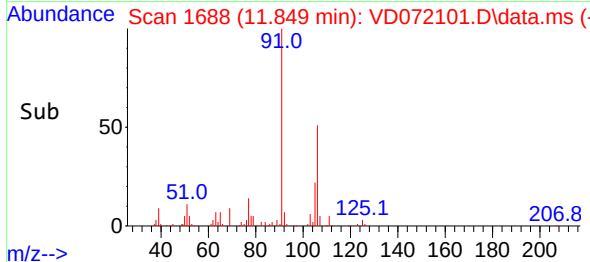
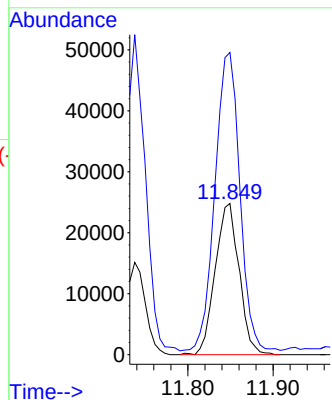
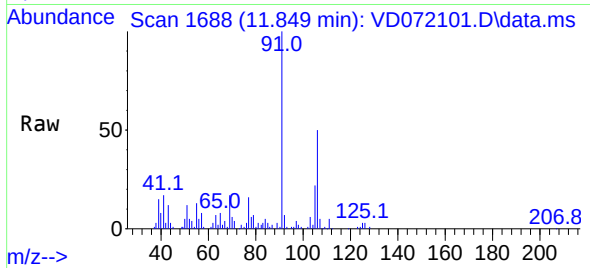




#68
m/p-Xylenes
Concen: 3.962 ug/l
RT: 11.849 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

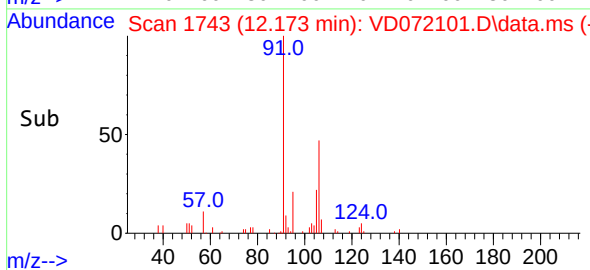
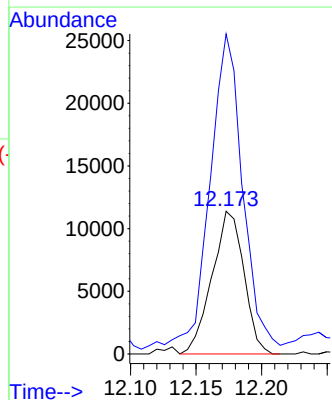
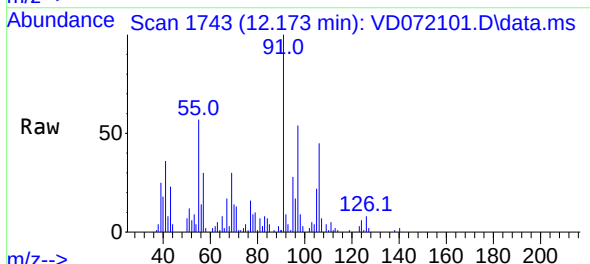
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

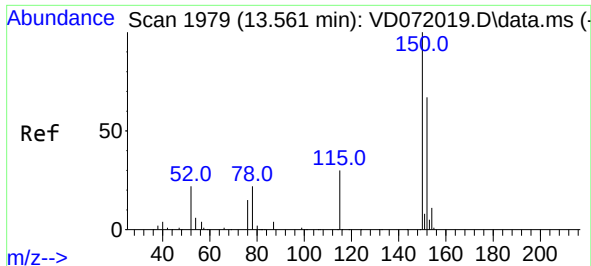
Tgt Ion:106 Resp: 48387
Ion Ratio Lower Upper
106 100
91 205.0 162.6 243.8



#69
o-Xylene
Concen: 1.673 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion:106 Resp: 19217
Ion Ratio Lower Upper
106 100
91 227.4 106.0 317.9

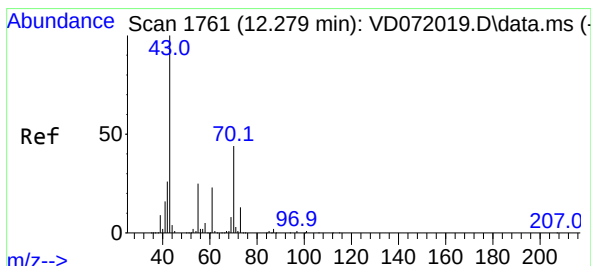
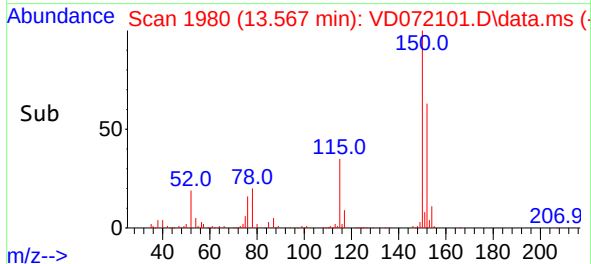
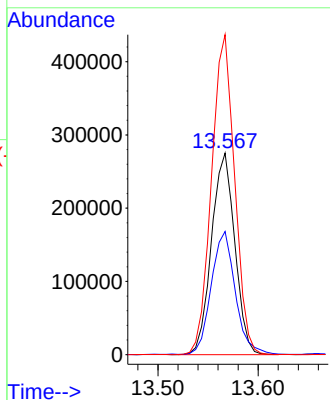
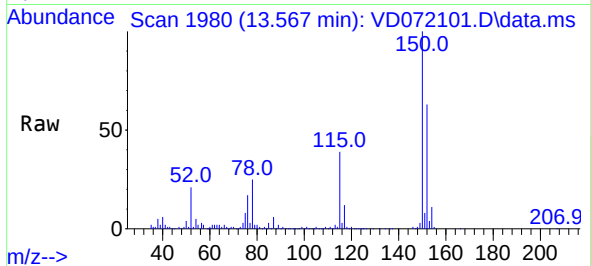




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

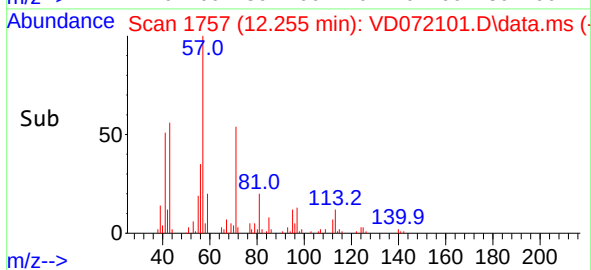
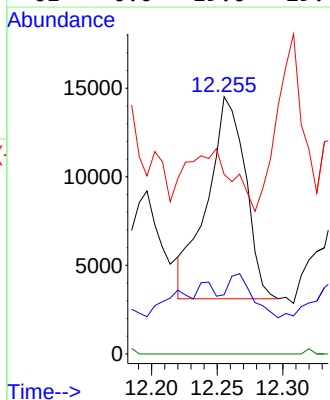
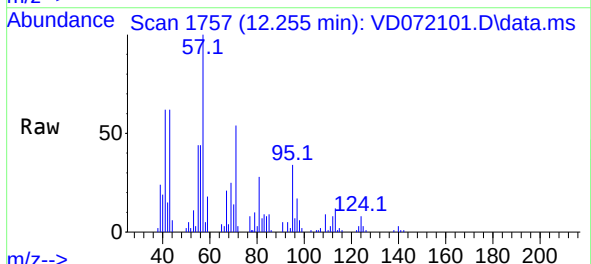
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

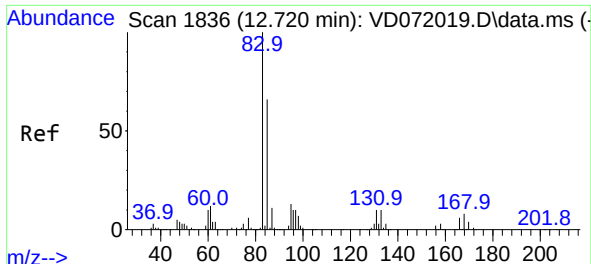
Tgt Ion:152 Resp: 445272
Ion Ratio Lower Upper
152 100
115 62.8 29.9 89.7
150 157.5 0.0 347.6



#74
N-ethyl acetate
Concen: 3.125 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.023 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 43 Resp: 23067
Ion Ratio Lower Upper
43 100
70 3.1 33.2 49.8#
55 85.1 20.6 30.8#
61 0.0 19.6 29.4#

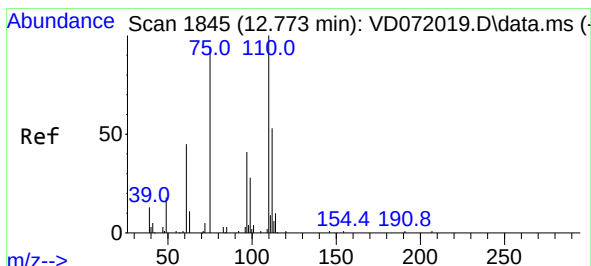
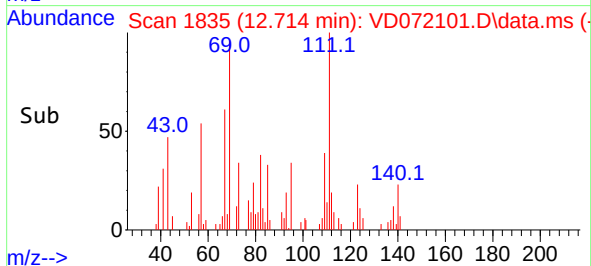
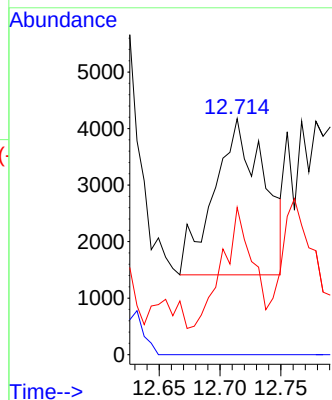
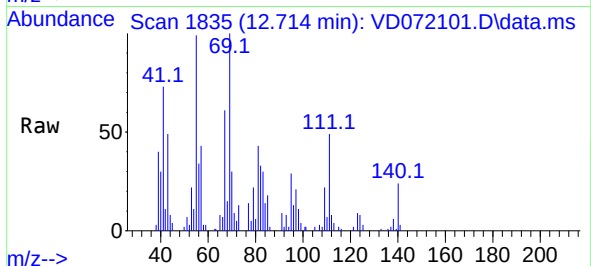




#75
1,1,2,2-Tetrachloroethane
Concen: 1.300 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

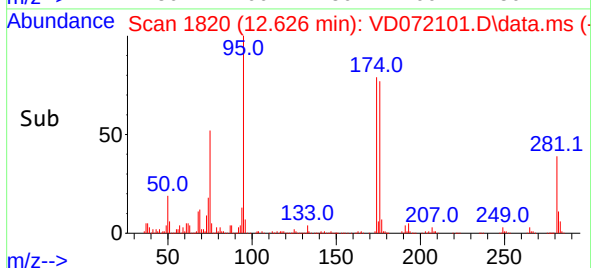
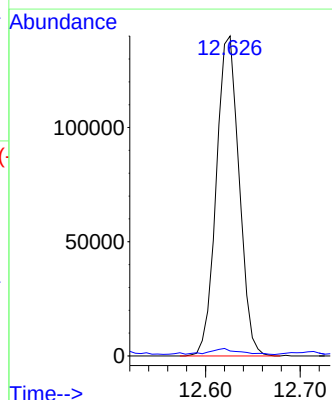
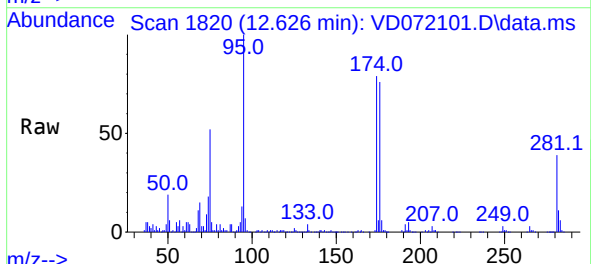
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

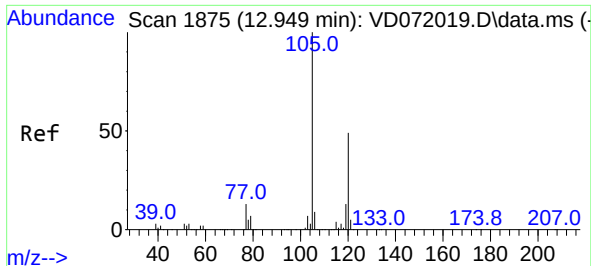
Tgt Ion: 83 Resp: 7859
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 44.8 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 55.569 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 75 Resp: 234373
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#

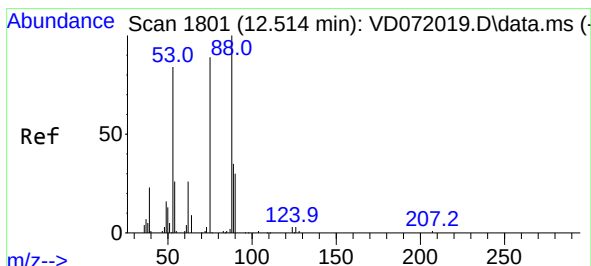
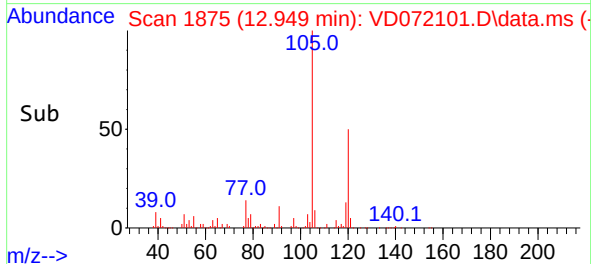
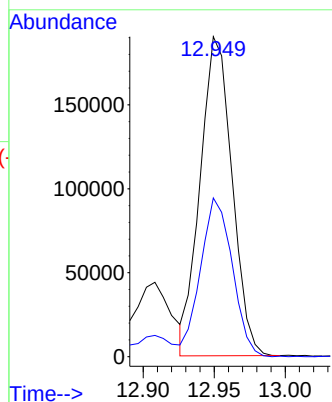
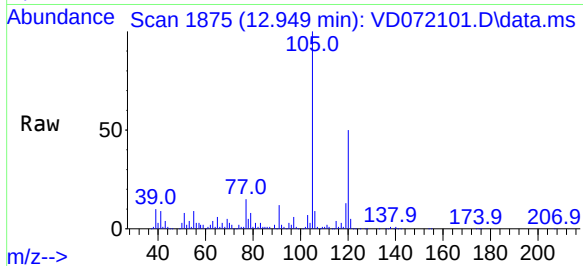




#80
1,3,5-Trimethylbenzene
Concen: 11.599 ug/l
RT: 12.949 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

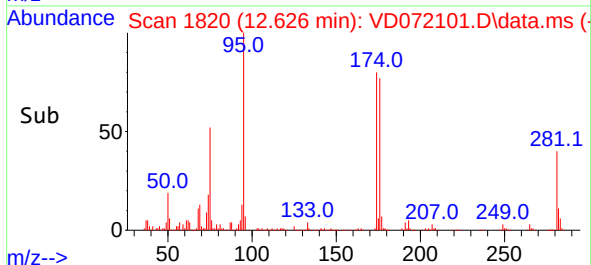
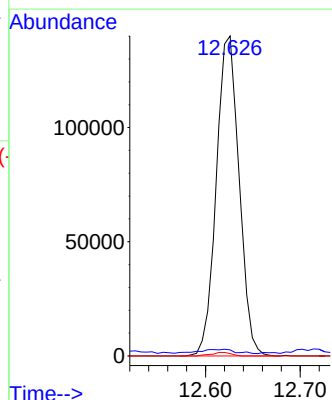
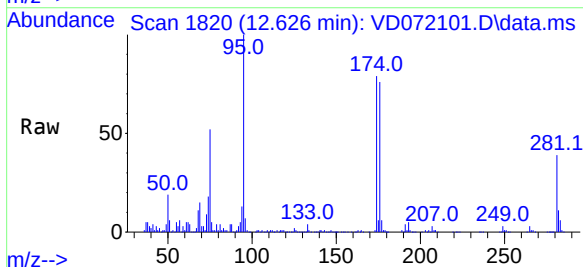
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

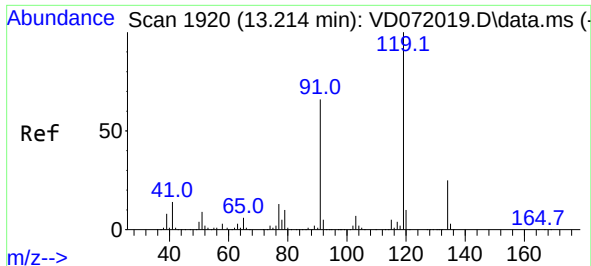
Tgt Ion:105 Resp: 296095
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 139.156 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 75 Resp: 234373
Ion Ratio Lower Upper
75 100
53 2.1 80.2 120.4#
89 1.0 36.4 54.6#

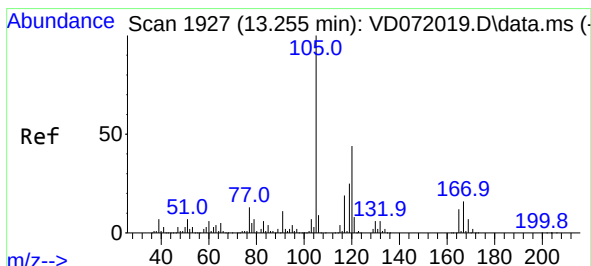
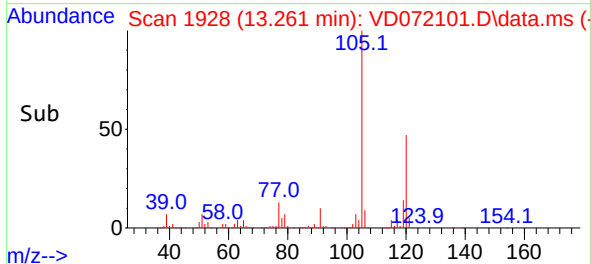
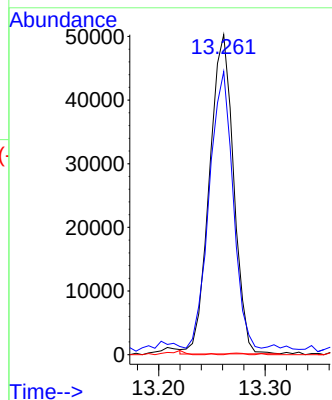
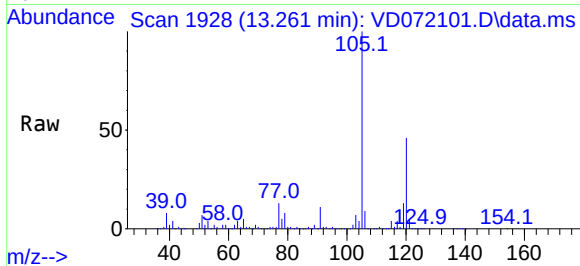




#83
tert-Butylbenzene
Concen: 3.599 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.047 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

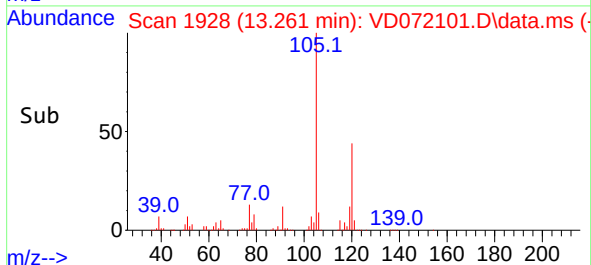
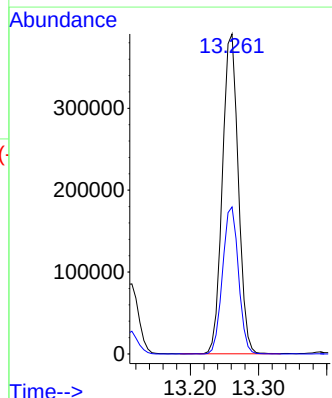
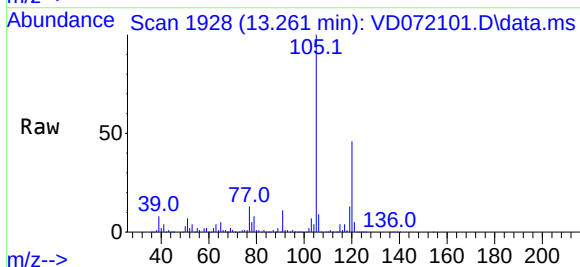
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

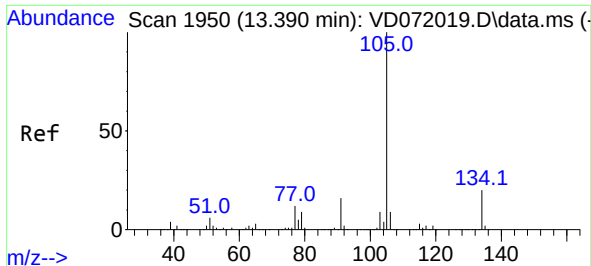
Tgt Ion:119 Resp: 78935
Ion Ratio Lower Upper
119 100
91 85.0 32.5 97.5
134 0.3 13.1 39.3#



#84
1,2,4-Trimethylbenzene
Concen: 25.292 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion:105 Resp: 634712
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.3

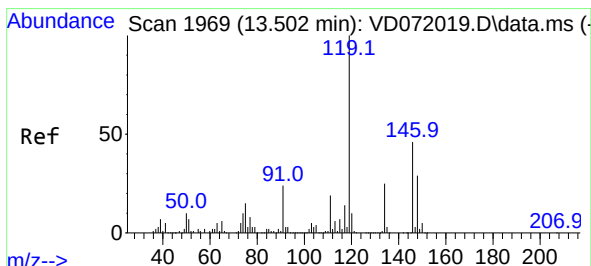
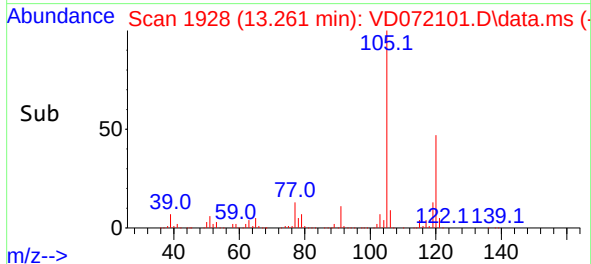
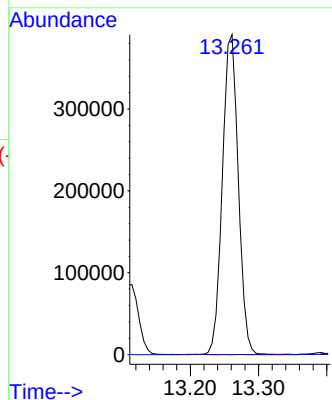
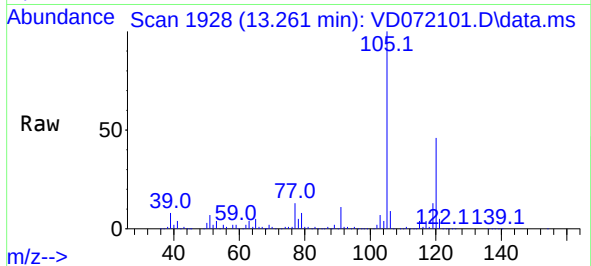




#85
sec-Butylbenzene
Concen: 18.996 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.129 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

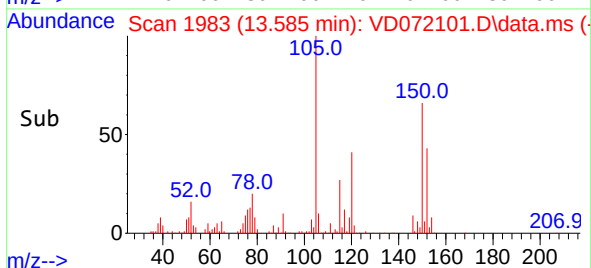
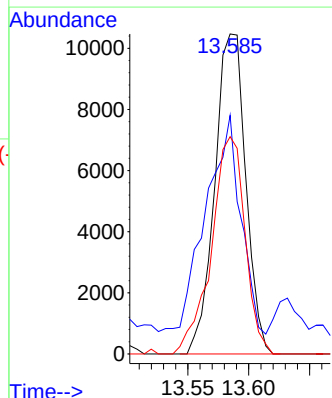
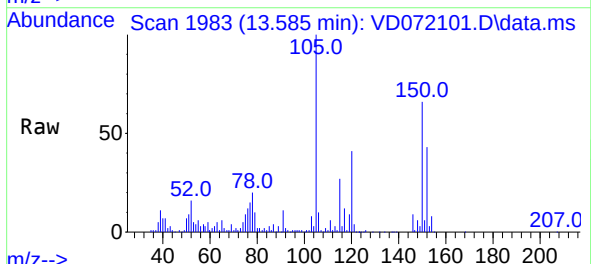
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

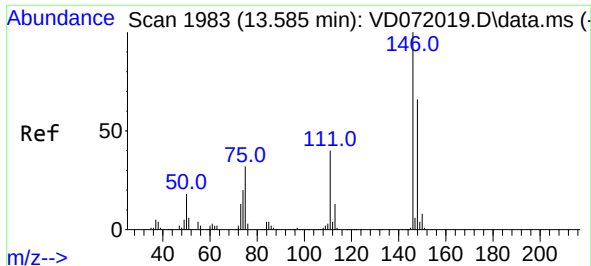
Tgt Ion:105 Resp: 634712
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#



#87
1,3-Dichlorobenzene
Concen: 1.280 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.082 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion:146 Resp: 18532
Ion Ratio Lower Upper
146 100
111 76.5 20.0 59.9#
148 73.7 31.1 93.2

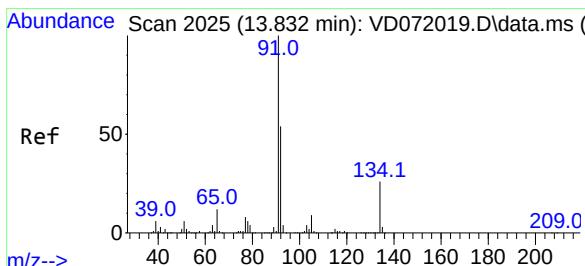
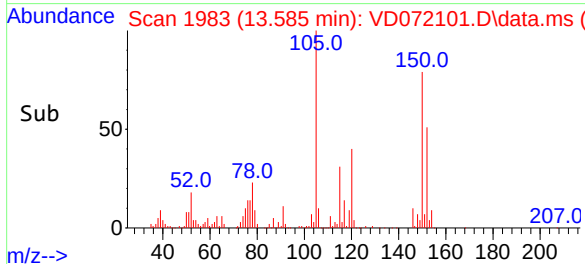
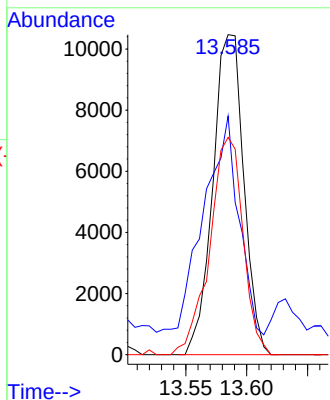
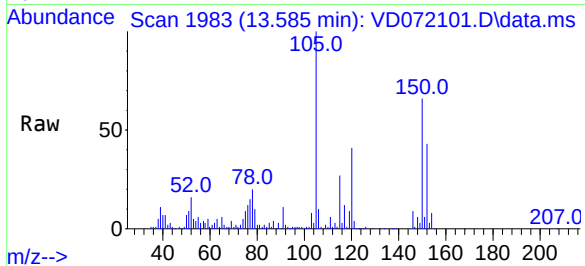




#88
1,4-Dichlorobenzene
Concen: 1.274 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

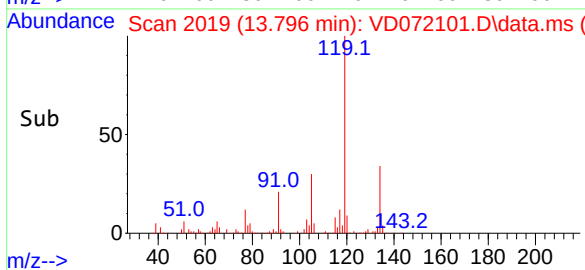
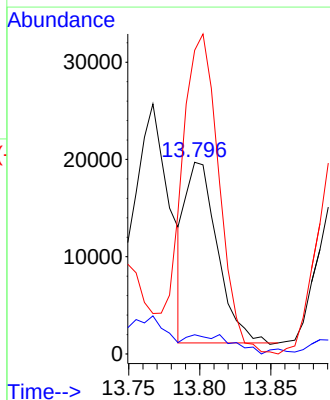
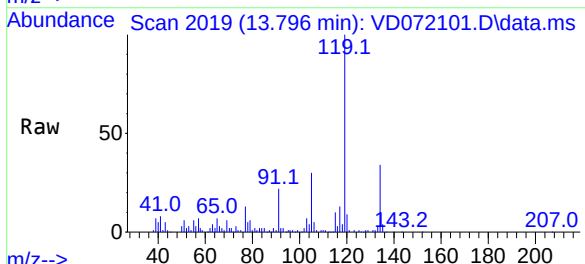
Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

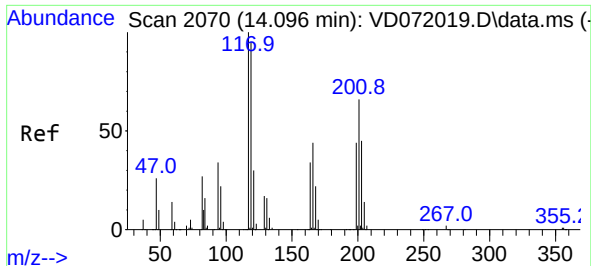
Tgt Ion:146 Resp: 18532
Ion Ratio Lower Upper
146 100
111 76.5 20.1 60.2#
148 73.0 32.5 97.5



#89
n-Butylbenzene
Concen: 1.116 ug/l
RT: 13.796 min Scan# 2019
Delta R.T. -0.035 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion: 91 Resp: 29162
Ion Ratio Lower Upper
91 100
92 0.0 27.0 81.0#
134 211.1 12.8 38.4#

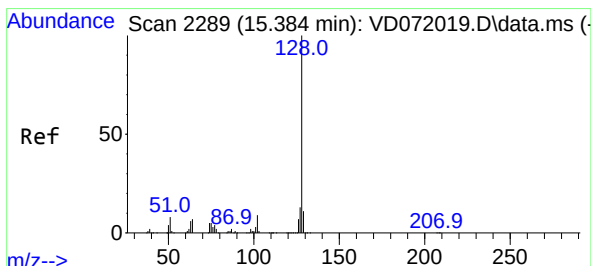
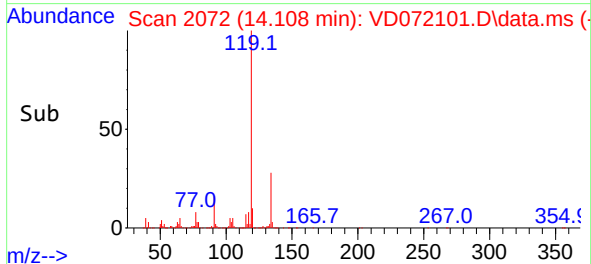
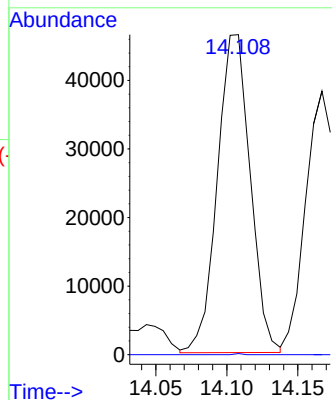
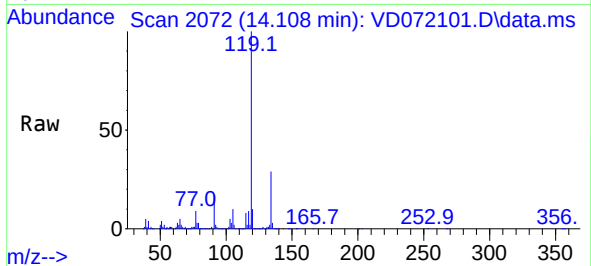




#90
Hexachloroethane
Concen: 13.553 ug/l
RT: 14.108 min Scan# 2070
Delta R.T. 0.012 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Instrument :
MSVOA_D
ClientSampleId :
PREM-PUMP

Tgt Ion:117 Resp: 74762
Ion Ratio Lower Upper
117 100
201 0.1 35.2 105.6#



#95
Naphthalene
Concen: 2.134 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072101.D
Acq: 25 Feb 2022 15:36

Tgt Ion:128 Resp: 30198
Ion Ratio Lower Upper
128 100
127 10.5 10.3 15.5
129 10.9 8.7 13.1

