

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072816.D
 Acq On : 05 May 2022 18:08
 Operator : VA/SY
 Sample : N2672-09
 Misc : 7.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 09

Quant Time: May 06 03:51:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	410024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	757066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	721145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	347130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	264625	49.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.440%
35) Dibromofluoromethane	7.908	113	237583	44.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.360%
50) Toluene-d8	10.332	98	987486	51.775	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.560%
62) 4-Bromofluorobenzene	12.620	95	441045	62.018	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.040%

Target Compounds				Qvalue		
5) Bromomethane	2.773	94	1300	Below Cal	#	69
16) Acetone	4.156	43	2795	Below Cal	#	86
18) Methyl Acetate	4.720	43	58	Below Cal	#	55
20) Methylene Chloride	4.961	84	10957	Below Cal	#	81
31) Cyclohexane	7.979	56	19068	2.049	ug/l #	64
36) 1,1-Dichloropropene	7.967	75	36486	4.220	ug/l #	51
38) Carbon Tetrachloride	7.973	117	45951	5.120	ug/l #	17
39) Methylcyclohexane	9.344	83	153202	15.277	ug/l	97
48) Methyl methacrylate	9.532	41	18800	5.239	ug/l #	49
51) 4-Methyl-2-Pentanone	10.108	43	316902	83.137	ug/l #	45
55) 1,1,2-Trichloroethane	10.767	97	263629	53.918	ug/l #	22
56) Ethyl methacrylate	10.632	69	41952	7.287	ug/l #	62
59) 2-Hexanone	10.943	43	656664	256.018	ug/l #	32
67) Ethyl Benzene	11.738	91	586462	20.317	ug/l	100
68) m/p-Xylenes	11.838	106	948853	85.334	ug/l	96
69) o-Xylene	12.167	106	1023913	98.598	ug/l	98
70) Styrene	12.173	104	57270	3.183	ug/l #	1
73) Isopropylbenzene	12.467	105	515440	19.085	ug/l	100
74) N-amyl acetate	12.261	43	2191339	325.813	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.785	83	329544	60.446	ug/l #	25
76) 1,2,3-Trichloropropane	12.808	75	8369	2.162	ug/l #	100
78) n-propylbenzene	12.808	91	1120603	32.921	ug/l	99
79) 2-Chlorotoluene	12.873	91	761787	38.312	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.949	105	3561469	155.518	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.467	75	6498	3.860	ug/l #	1
82) 4-Chlorotoluene	12.949	91	415726	20.010	ug/l #	53
83) tert-Butylbenzene	13.255	119	676471	34.745	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.255	105	5411928	236.425	ug/l	99
85) sec-Butylbenzene	13.390	105	1028763	35.034	ug/l	88
86) p-Isopropyltoluene	13.502	119	940403	39.060	ug/l	98
89) n-Butylbenzene	13.826	91	540528	23.176	ug/l #	62
90) Hexachloroethane	14.102	117	288304	58.454	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.508	75	9577	11.082	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.137	180	6953	1.043	ug/l #	1
95) Naphthalene	15.384	128	35672	2.910	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.537	180	43230	7.313	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

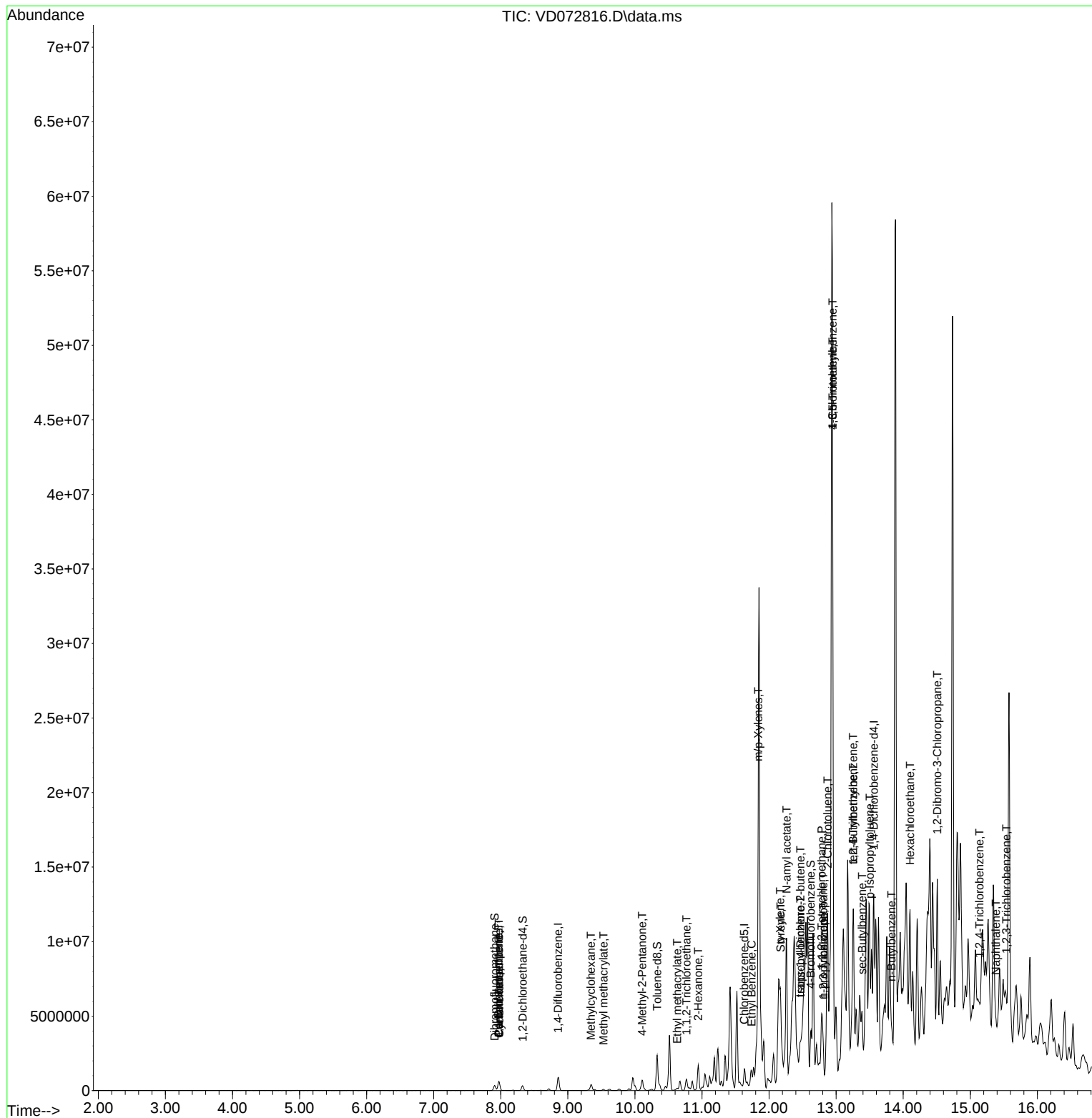
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

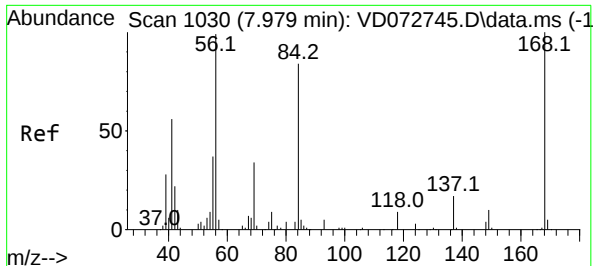
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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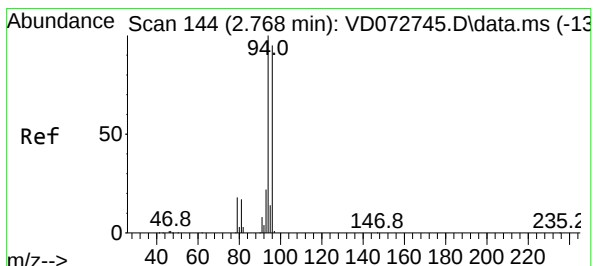
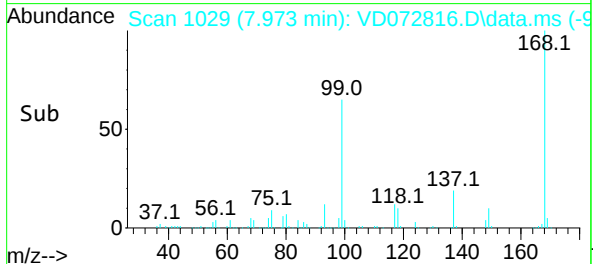
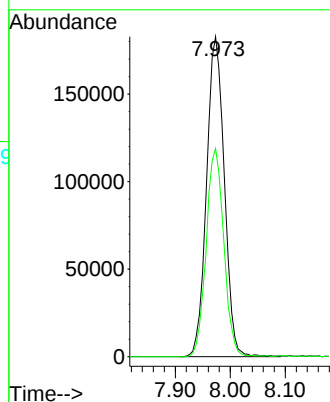
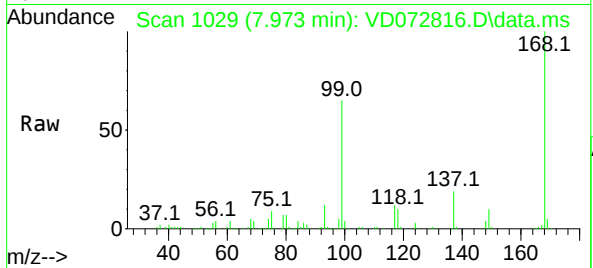




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

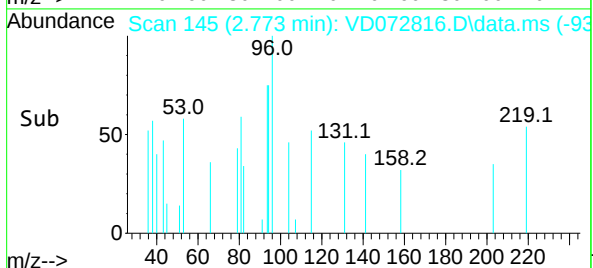
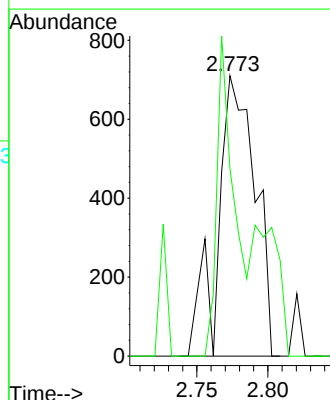
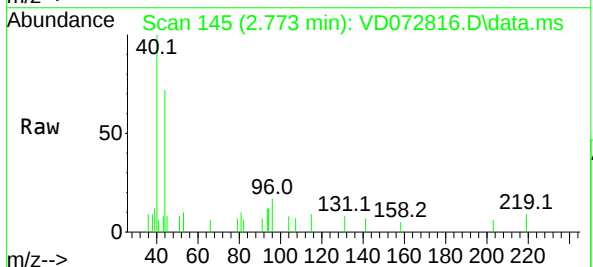
Instrument :
MSVOA_D
ClientSampleId :
09

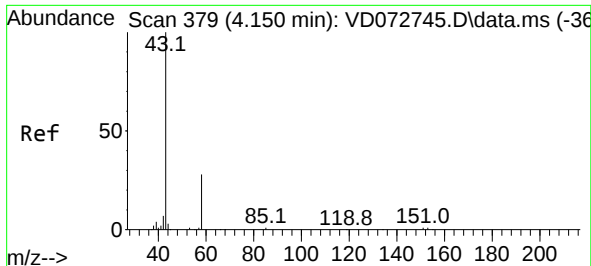
Tgt Ion:168 Resp: 410024
Ion Ratio Lower Upper
168 100
99 65.1 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion: 94 Resp: 1300
Ion Ratio Lower Upper
94 100
96 66.8 77.6 116.4#

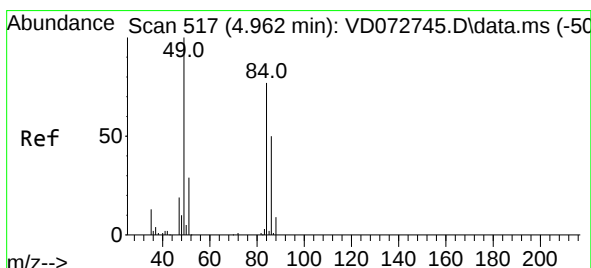
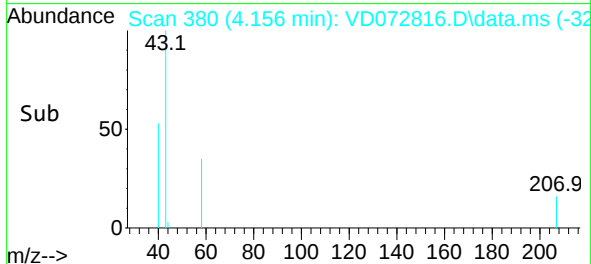
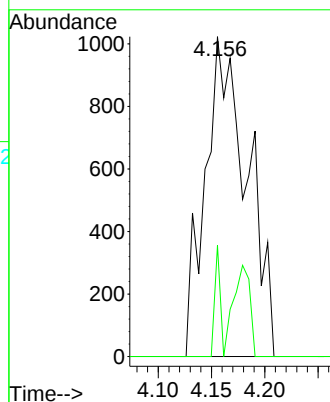
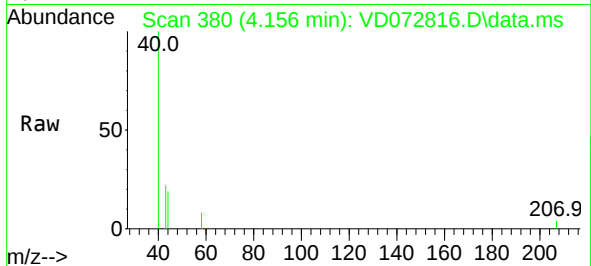




#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

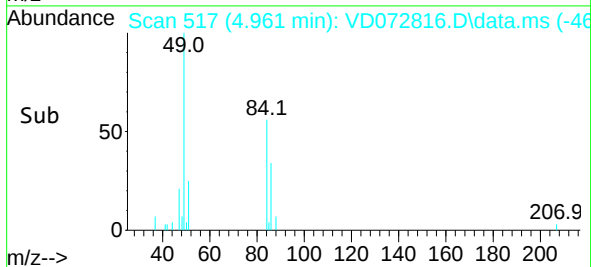
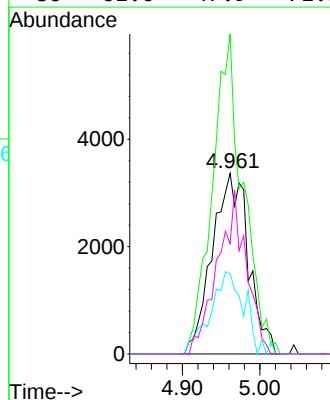
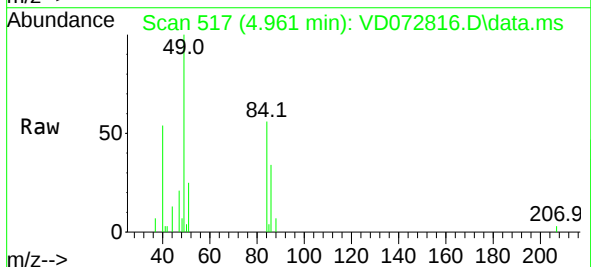
Instrument :
MSVOA_D
ClientSampleId :
09

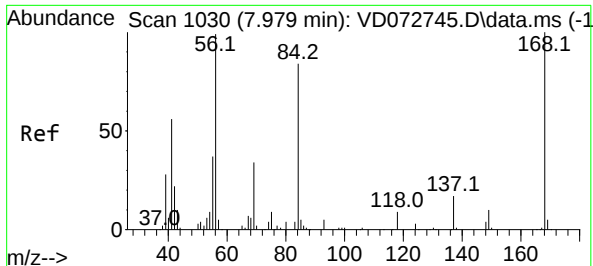
Tgt Ion: 43 Resp: 2795
Ion Ratio Lower Upper
43 100
58 34.8 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion: 84 Resp: 10957
Ion Ratio Lower Upper
84 100
49 177.1 112.8 169.2#
51 44.5 32.6 48.8
86 61.0 47.9 71.9

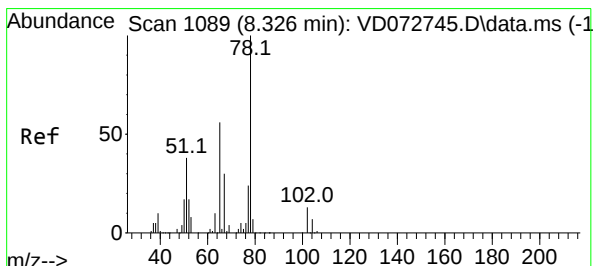
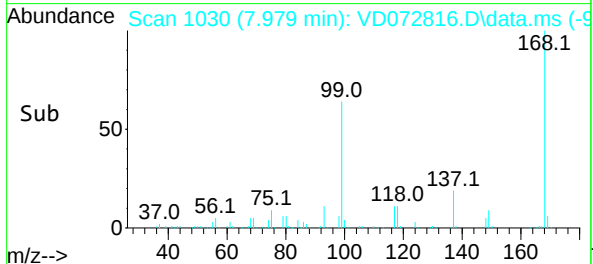
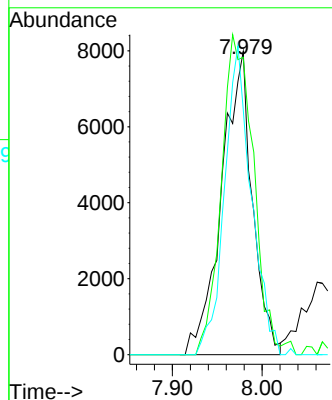
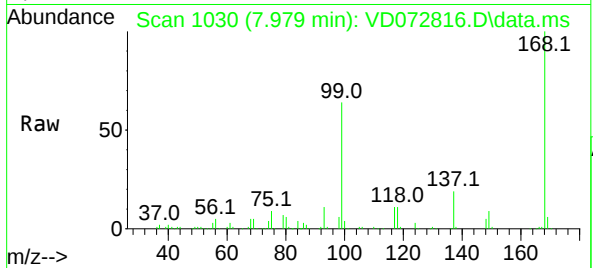




#31
Cyclohexane
Concen: 2.049 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

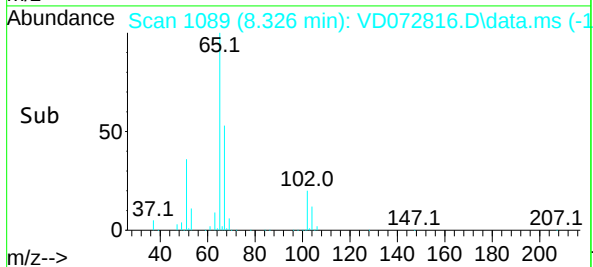
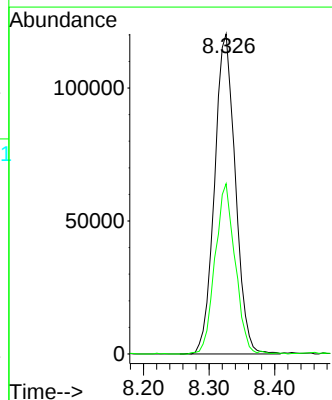
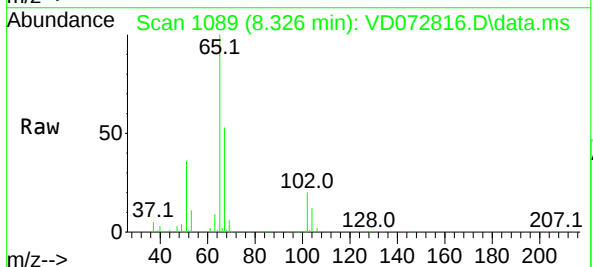
Instrument :
MSVOA_D
ClientSampleId :
09

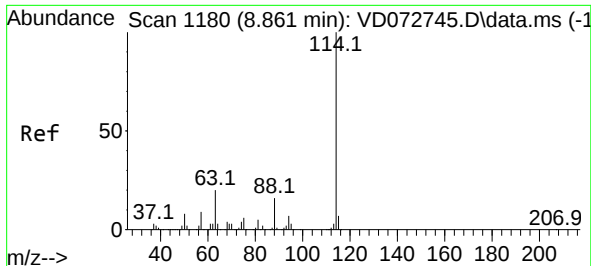
Tgt Ion: 56 Resp: 19068
Ion Ratio Lower Upper
56 100
69 98.1 25.4 38.2#
84 80.9 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 49.719 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion: 65 Resp: 264625
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4

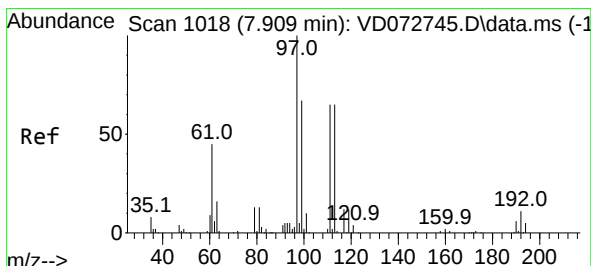
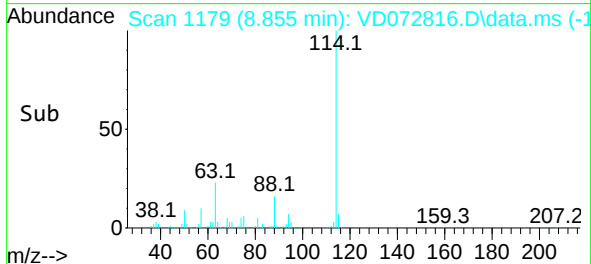
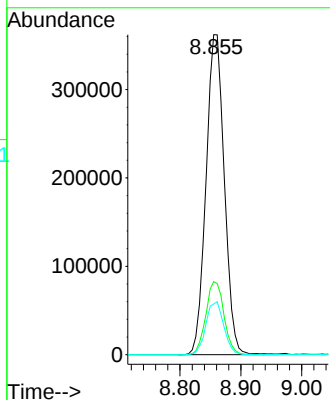
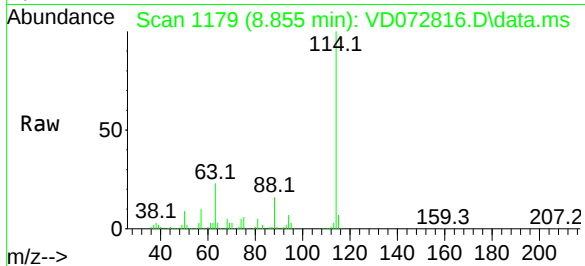




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

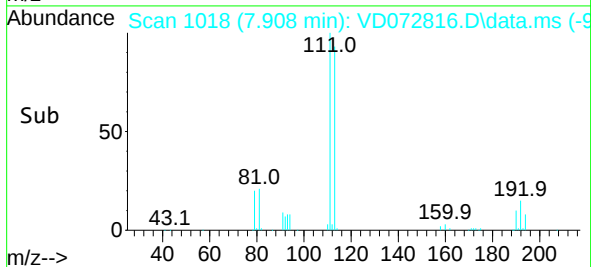
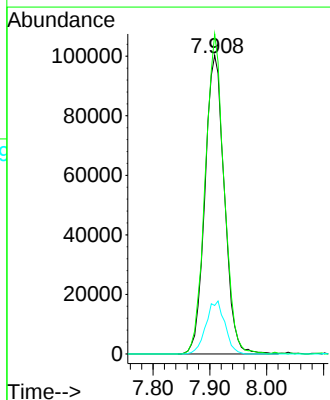
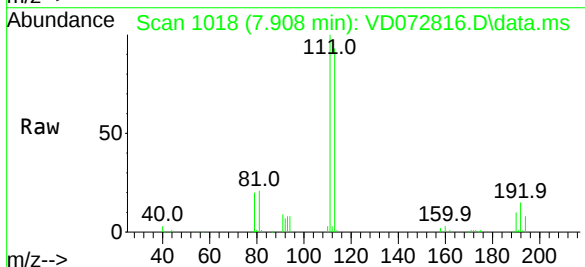
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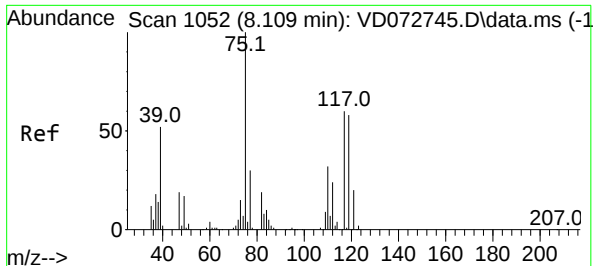
Tgt Ion:114 Resp: 757066
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.684 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion:113 Resp: 237583
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.220 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.142 min

Lab File: VD072816.D

Acq: 05 May 2022 18:08

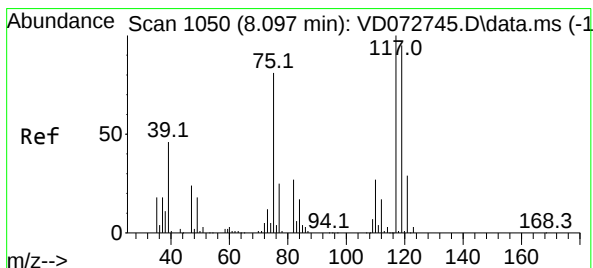
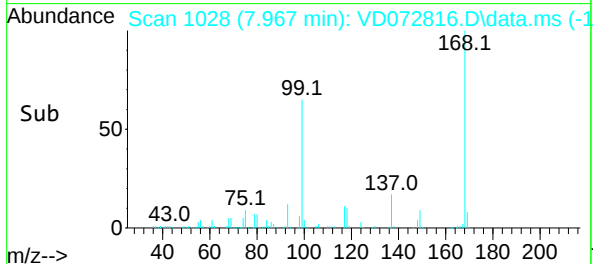
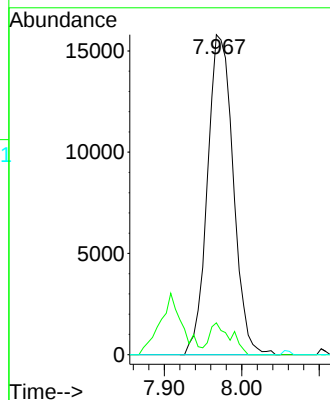
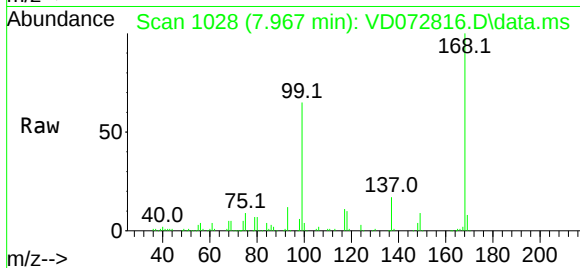
Instrument :

MSVOA_D

ClientSampleId :

09

Tgt Ion: 75	Resp: 36486
Ion Ratio	Lower Upper
75	100
110	8.2 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.120 ug/l

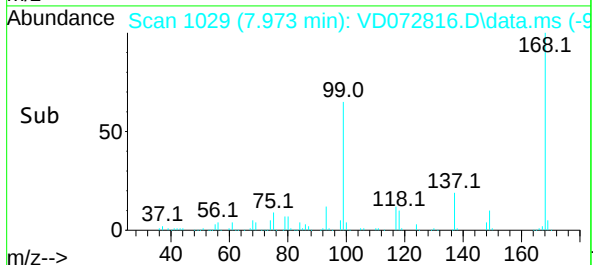
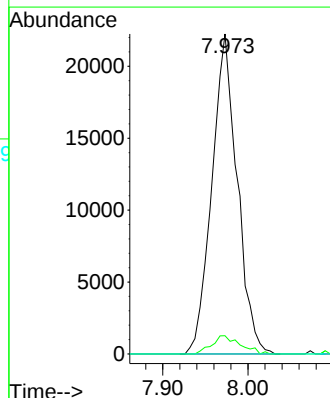
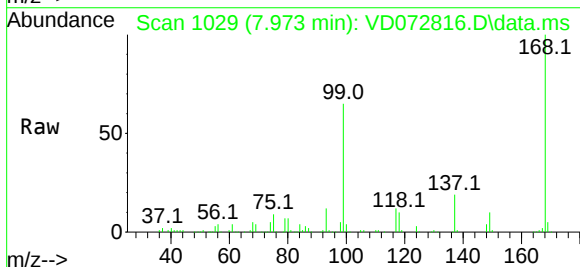
RT: 7.973 min Scan# 1029

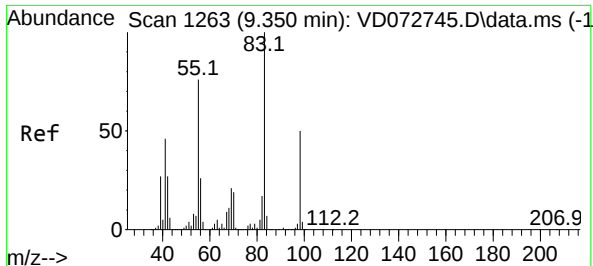
Delta R.T. -0.124 min

Lab File: VD072816.D

Acq: 05 May 2022 18:08

Tgt Ion: 117	Resp: 45951
Ion Ratio	Lower Upper
117	100
119	5.7 75.8 113.6#
121	0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 15.277 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072816.D

Acq: 05 May 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

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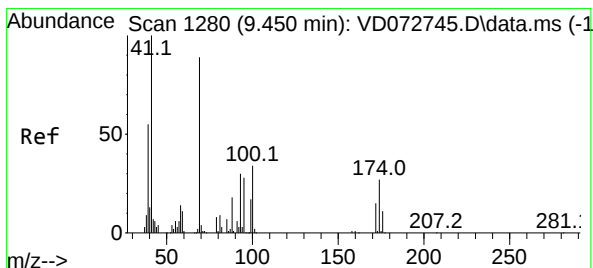
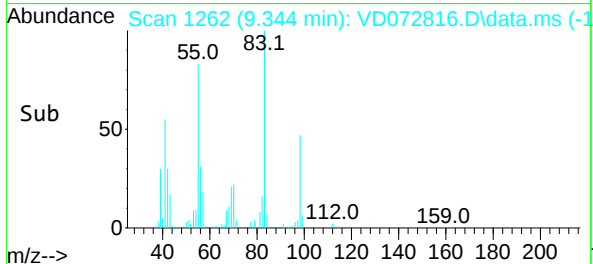
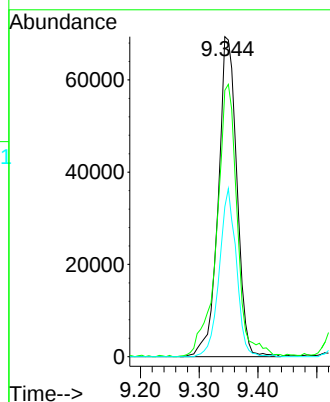
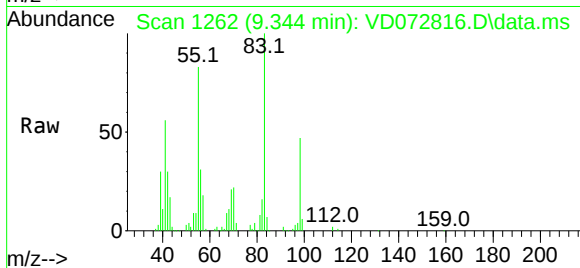
Tgt Ion: 83 Resp: 153202

Ion Ratio Lower Upper

83 100

55 83.0 63.2 94.8

98 46.8 38.2 57.4



#48

Methyl methacrylate

Concen: 5.239 ug/l

RT: 9.532 min Scan# 1294

Delta R.T. 0.082 min

Lab File: VD072816.D

Acq: 05 May 2022 18:08

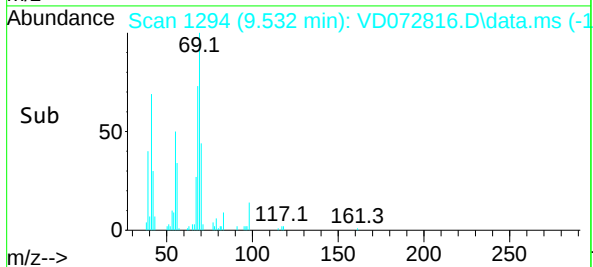
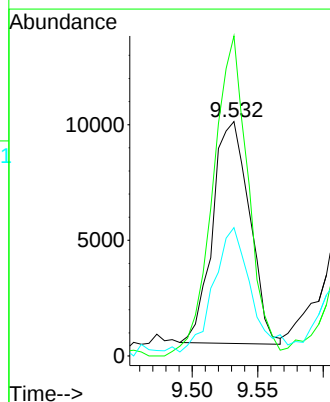
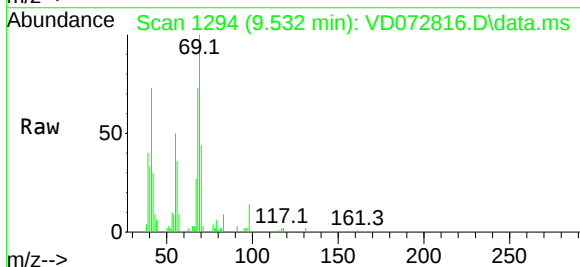
Tgt Ion: 41 Resp: 18800

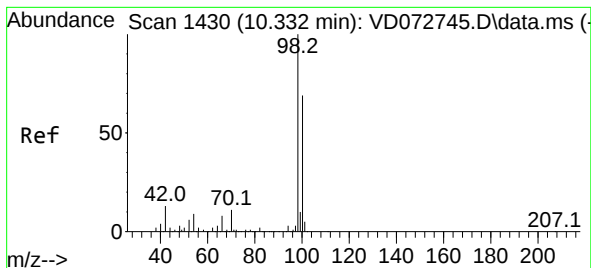
Ion Ratio Lower Upper

41 100

69 137.4 56.7 85.1#

39 61.5 42.7 64.1





#50

Toluene-d8

Concen: 51.775 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

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ClientSampleId :

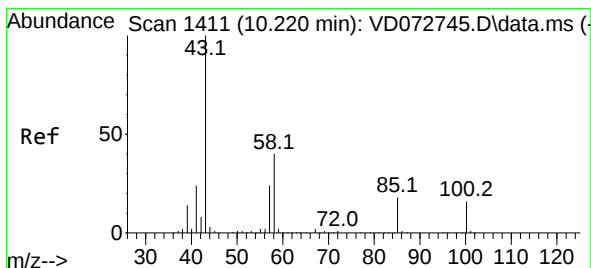
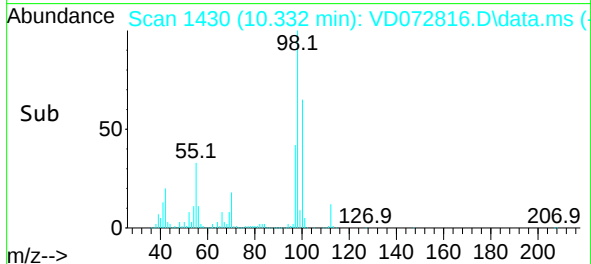
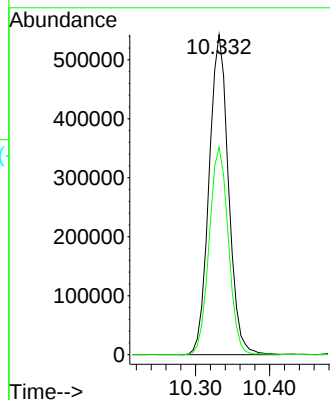
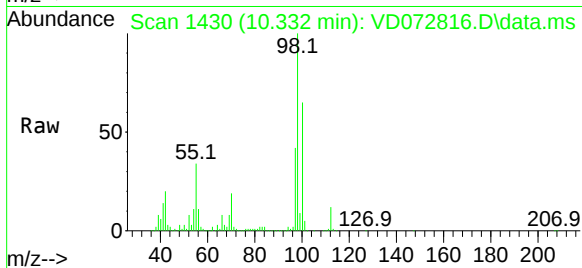
09

Tgt Ion: 98 Resp: 987486

Ion Ratio Lower Upper

98 100

100 63.9 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 83.137 ug/l

RT: 10.108 min Scan# 1392

Delta R.T. -0.112 min

Lab File: VD072816.D

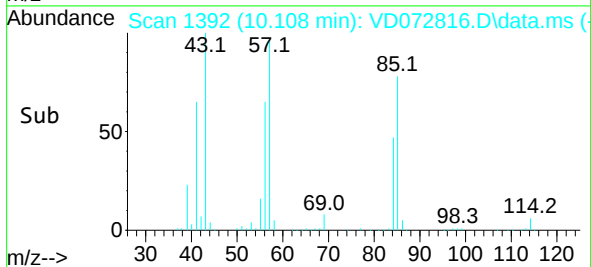
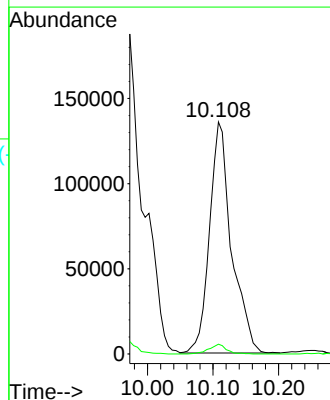
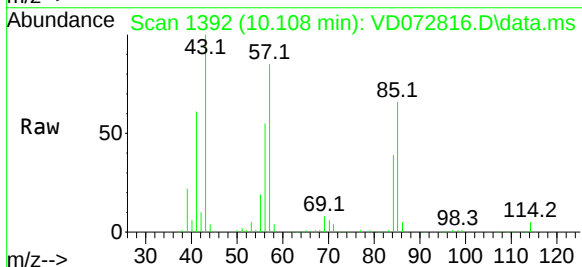
Acq: 05 May 2022 18:08

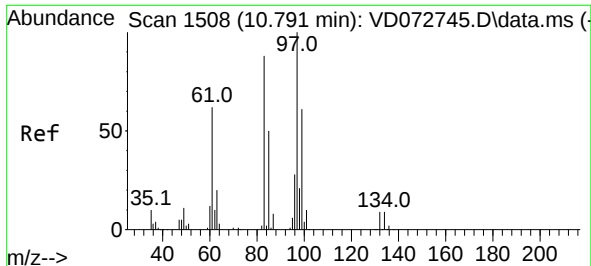
Tgt Ion: 43 Resp: 316902

Ion Ratio Lower Upper

43 100

58 3.3 28.6 43.0#

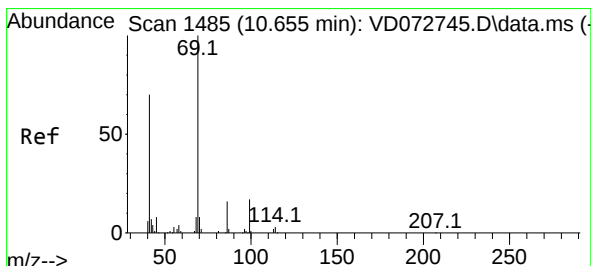
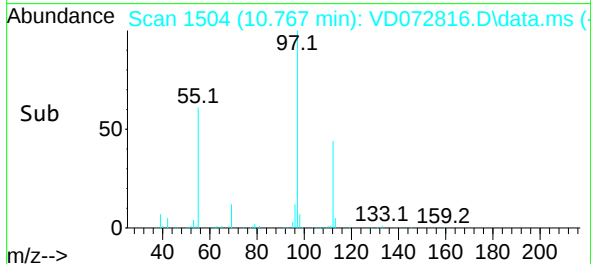
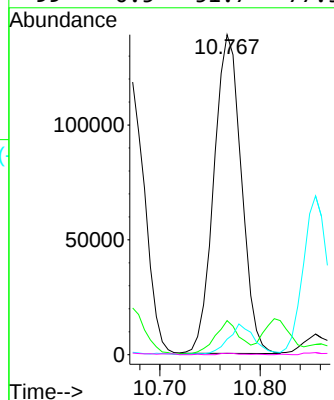
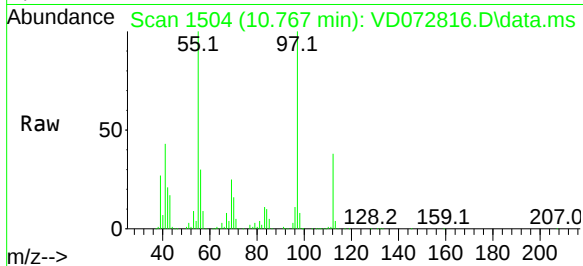




#55
1,1,2-Trichloroethane
Concen: 53.918 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

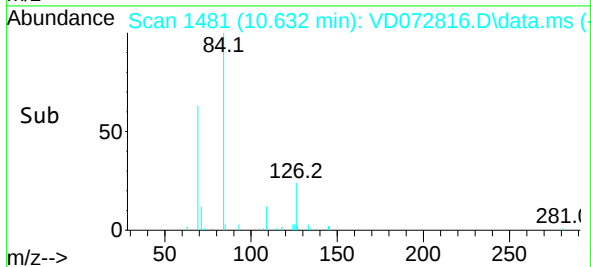
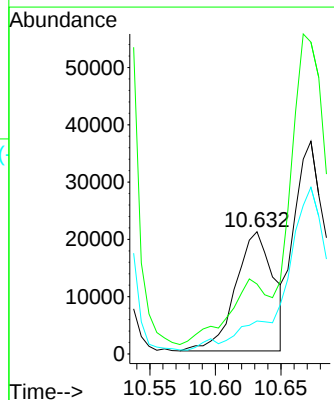
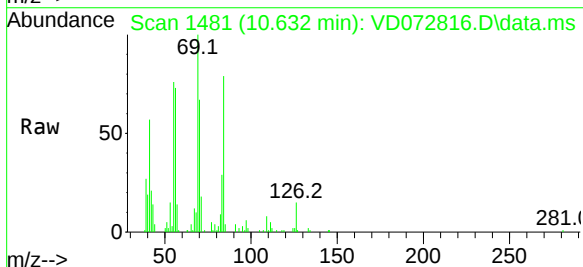
Instrument : MSVOA_D
ClientSampleId : 09

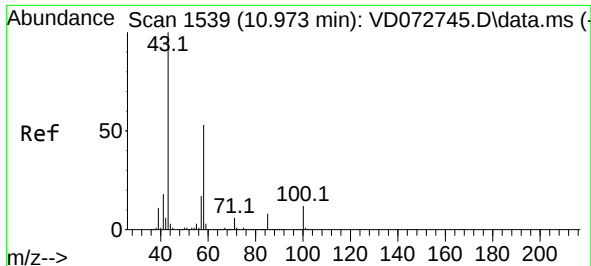
Tgt Ion: 97 Resp: 263629
Ion Ratio Lower Upper
97 100
83 10.4 69.0 103.4#
85 4.9 42.6 63.8#
99 0.5 51.7 77.5#



#56
Ethyl methacrylate
Concen: 7.287 ug/l
RT: 10.632 min Scan# 1481
Delta R.T. -0.023 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion: 69 Resp: 41952
Ion Ratio Lower Upper
69 100
41 58.8 63.0 94.6#
39 0.0 33.8 50.8#

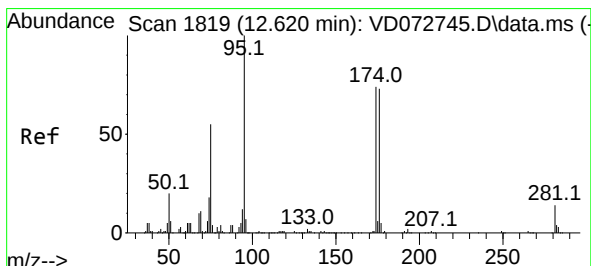
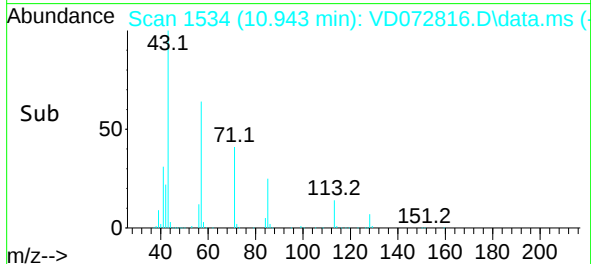
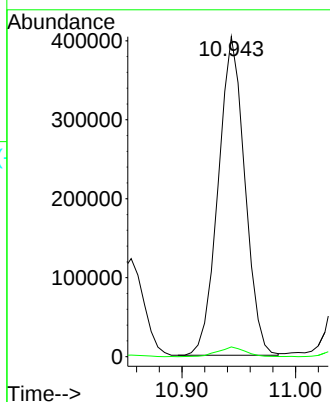
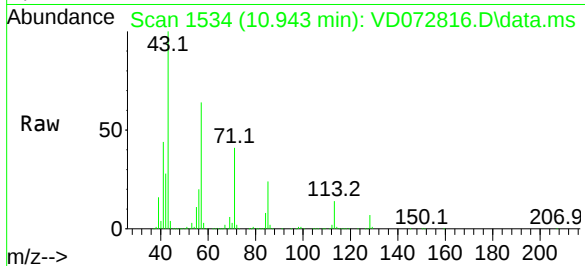




#59
2-Hexanone
Concen: 256.018 ug/l
RT: 10.943 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

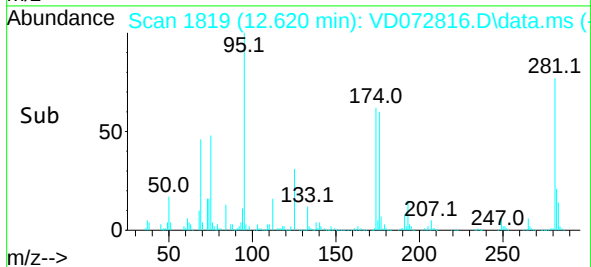
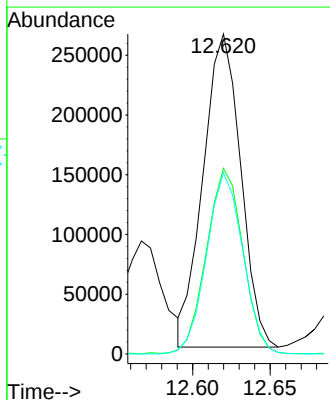
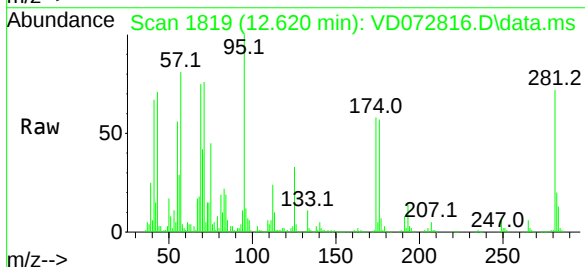
Instrument :
MSVOA_D
ClientSampleId :
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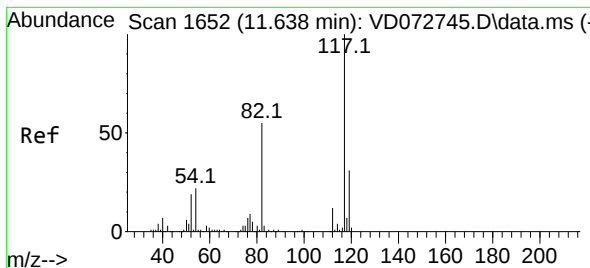
Tgt Ion: 43 Resp: 656664
Ion Ratio Lower Upper
43 100
58 3.2 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 62.018 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion: 95 Resp: 441045
Ion Ratio Lower Upper
95 100
174 57.9 0.0 152.8
176 56.1 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072816.D

Acq: 05 May 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

09

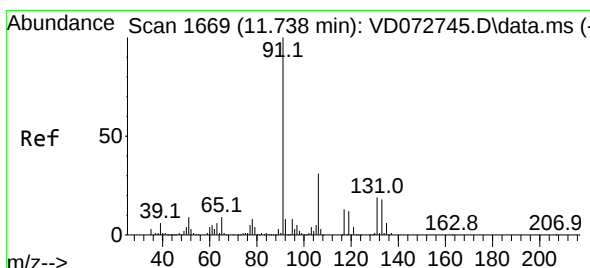
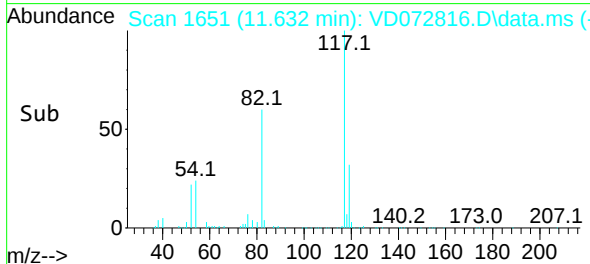
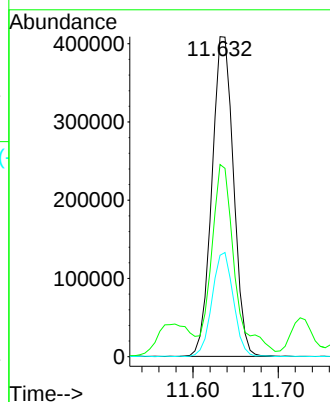
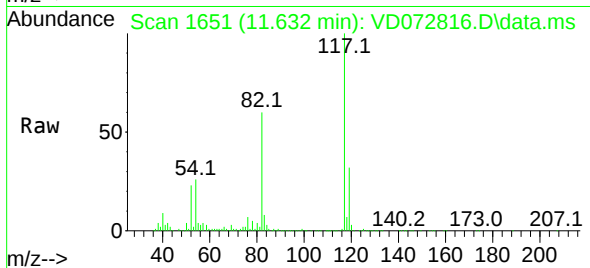
Tgt Ion:117 Resp: 721145

Ion Ratio Lower Upper

117 100

82 58.3 45.3 67.9

119 31.6 26.6 40.0



#67

Ethyl Benzene

Concen: 20.317 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD072816.D

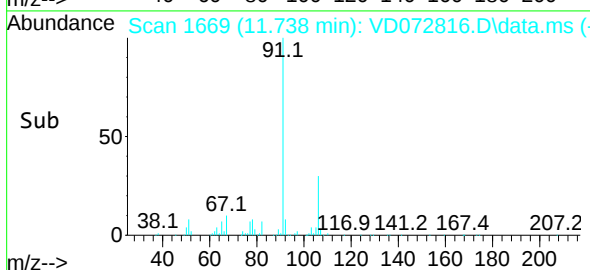
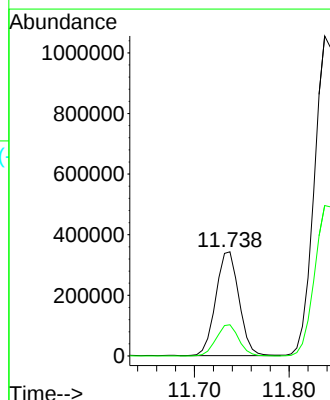
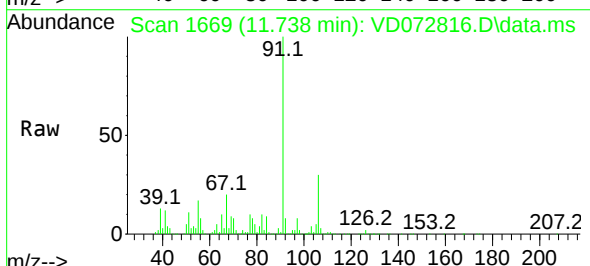
Acq: 05 May 2022 18:08

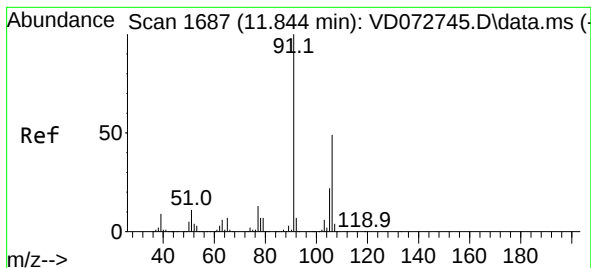
Tgt Ion: 91 Resp: 586462

Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.4

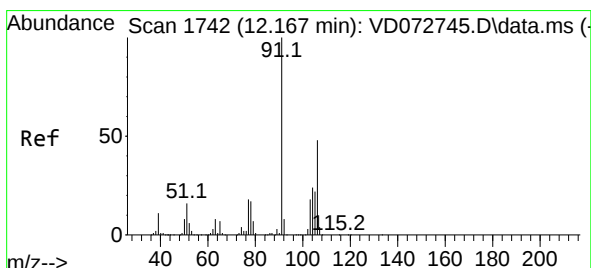
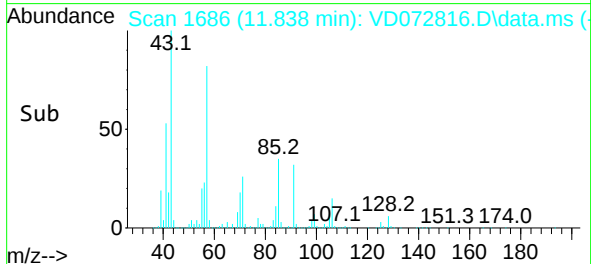
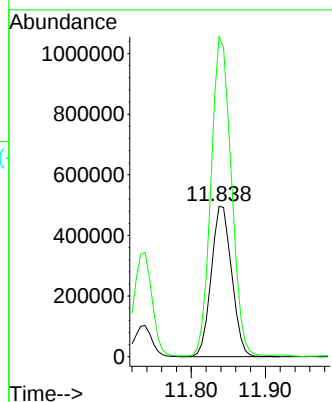
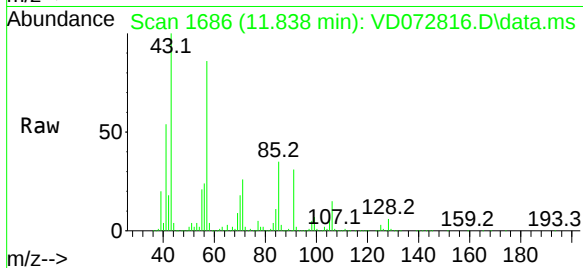




#68
m/p-Xylenes
Concen: 85.334 ug/l
RT: 11.838 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

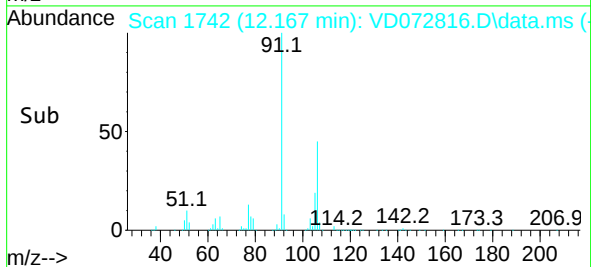
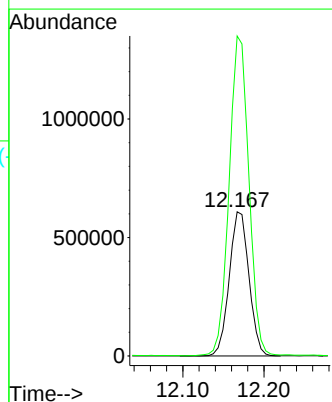
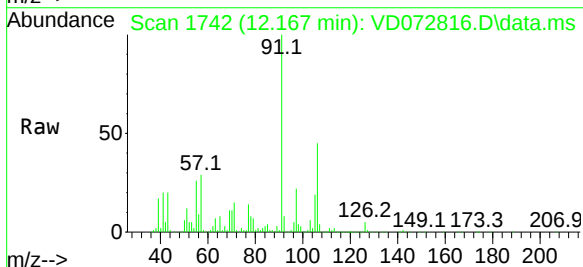
Instrument :
MSVOA_D
ClientSampleId :
09

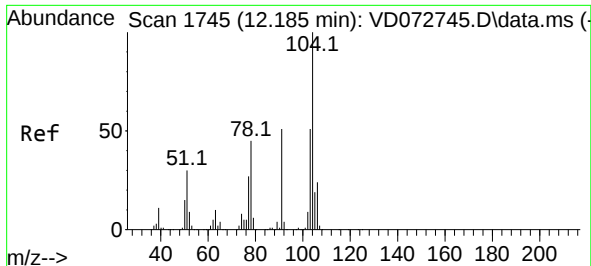
Tgt Ion:106 Resp: 948853
Ion Ratio Lower Upper
106 100
91 211.2 163.7 245.5



#69
o-Xylene
Concen: 98.598 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion:106 Resp: 1023913
Ion Ratio Lower Upper
106 100
91 223.4 110.4 331.2

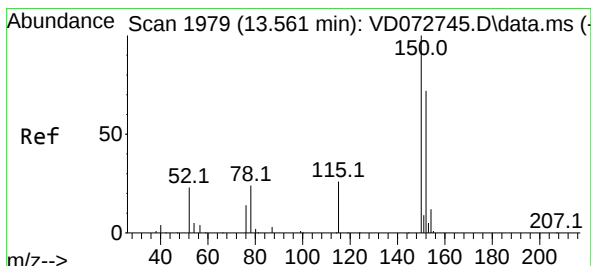
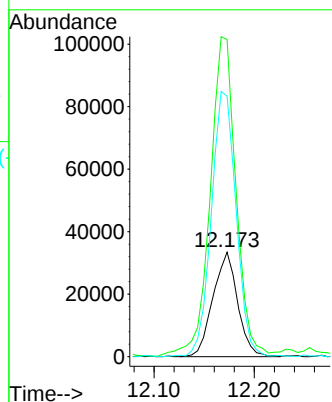
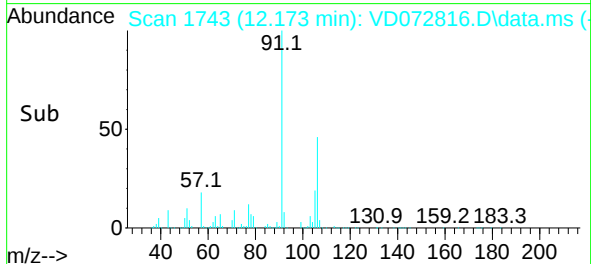
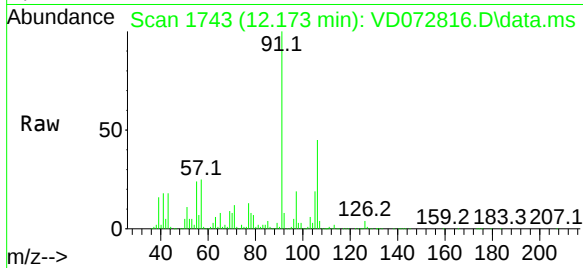




#70
Styrene
Concen: 3.183 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

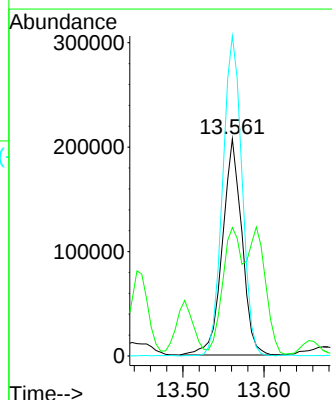
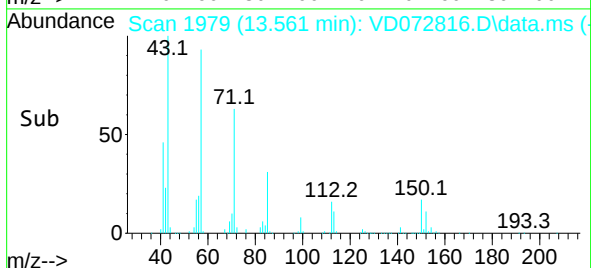
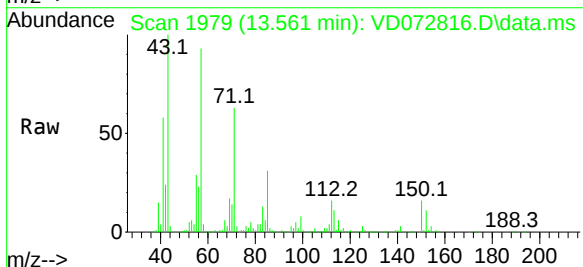
Instrument :
MSVOA_D
ClientSampleId :
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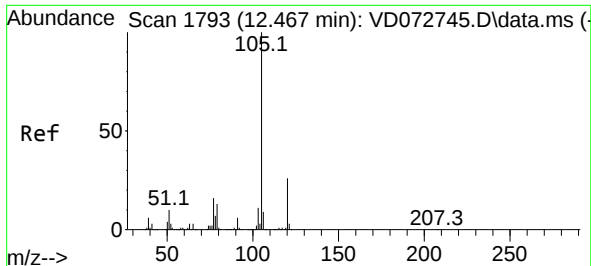
Tgt Ion:104 Resp: 57270
Ion Ratio Lower Upper
104 100
78 321.5 41.8 62.8#
103 254.7 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion:152 Resp: 347130
Ion Ratio Lower Upper
152 100
115 54.0 31.3 93.8
150 145.9 0.0 348.6

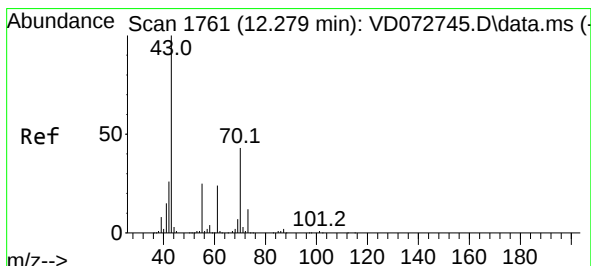
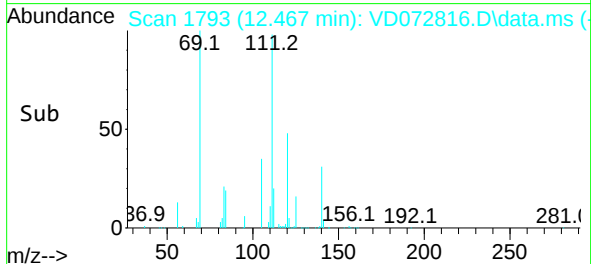
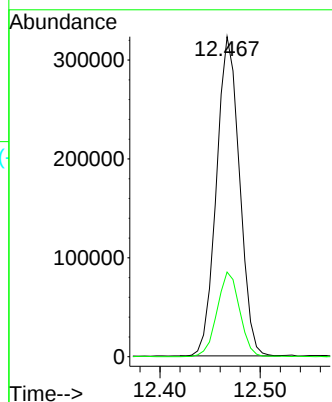
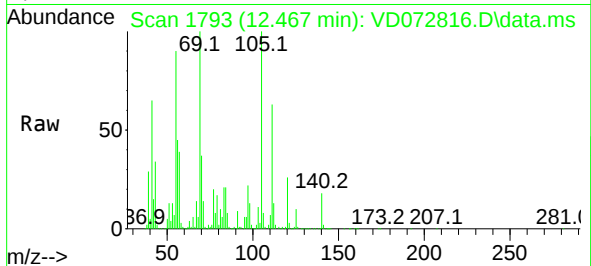




#73
Isopropylbenzene
Concen: 19.085 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

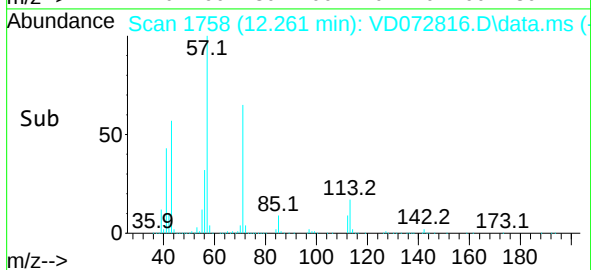
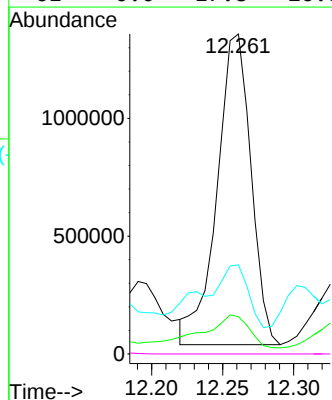
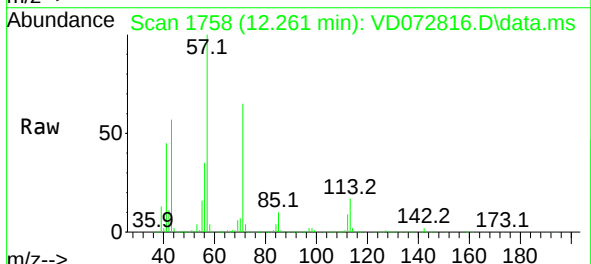
Instrument :
MSVOA_D
ClientSampleId :
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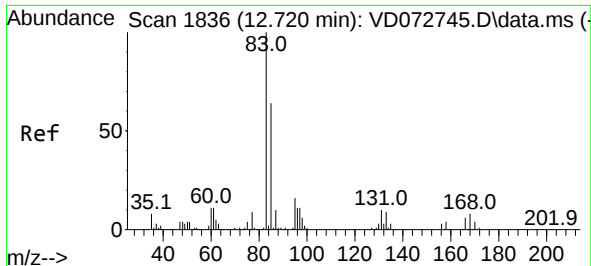
Tgt Ion:105 Resp: 515440
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 325.813 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion: 43 Resp: 2191339
Ion Ratio Lower Upper
43 100
70 15.0 31.3 46.9#
55 27.5 20.0 30.0
61 0.0 17.8 26.8#

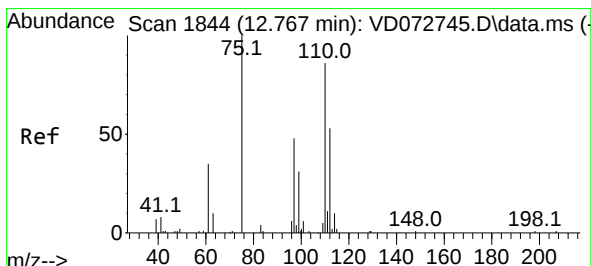
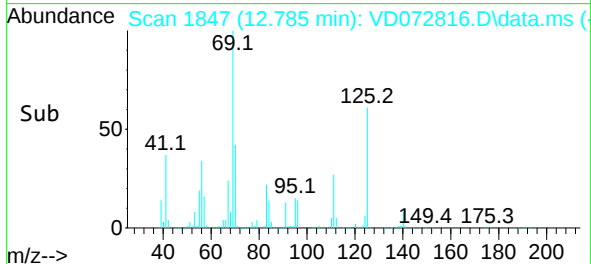
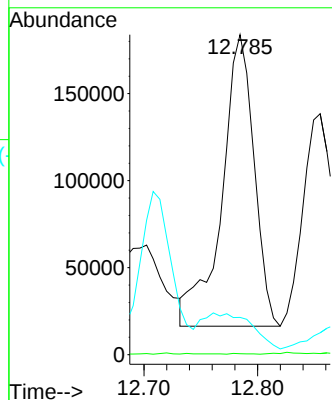
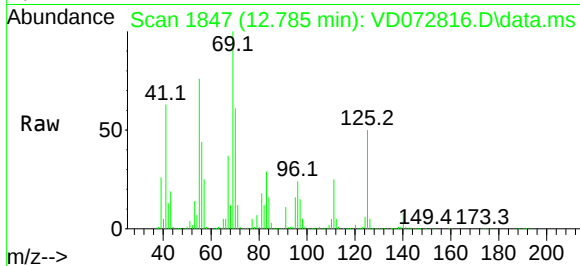




#75
1,1,2,2-Tetrachloroethane
Concen: 60.446 ug/l
RT: 12.785 min Scan# 1847
Delta R.T. 0.065 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

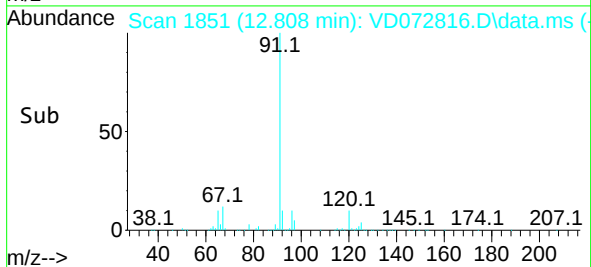
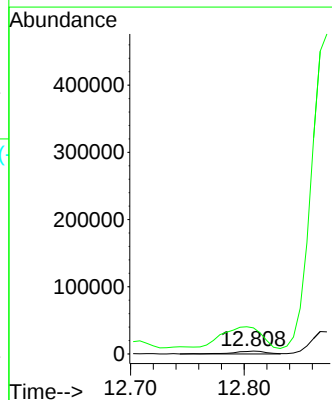
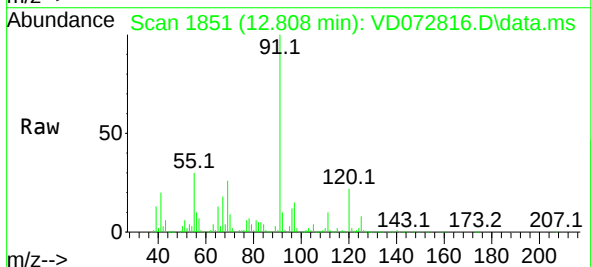
Instrument :
MSVOA_D
ClientSampleId :
09

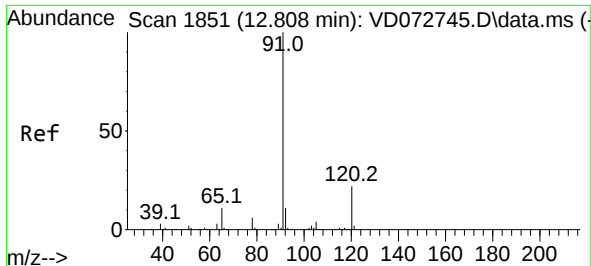
Tgt Ion: 83 Resp: 329544
Ion Ratio Lower Upper
83 100
131 0.1 5.0 14.9#
85 0.0 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 2.162 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.041 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion: 75 Resp: 8369
Ion Ratio Lower Upper
75 100
77 949.7 0.0 0.0#

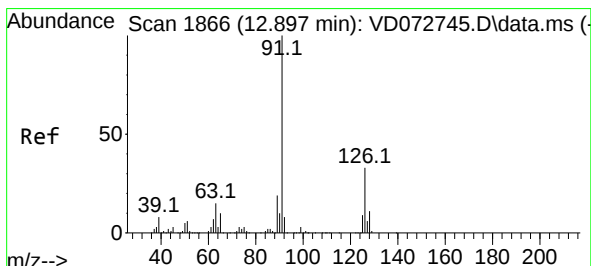
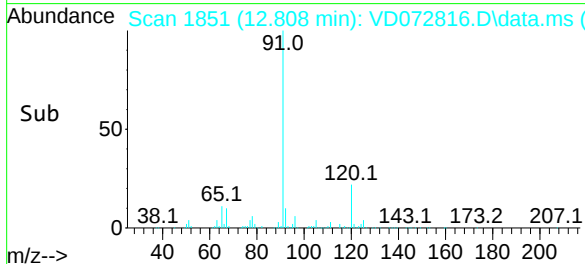
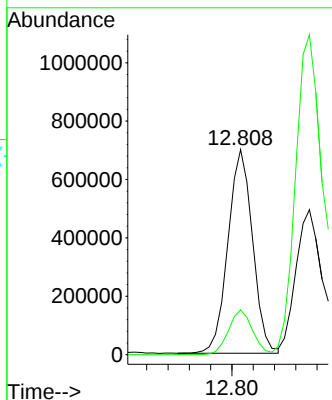
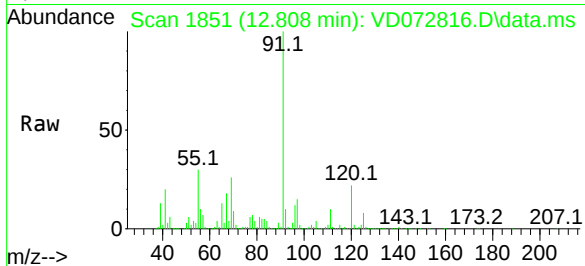




#78
n-propylbenzene
Concen: 32.921 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

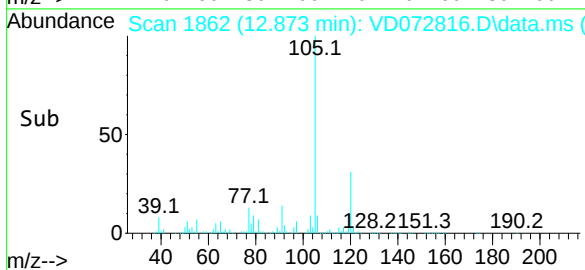
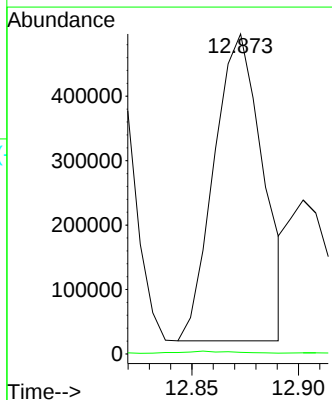
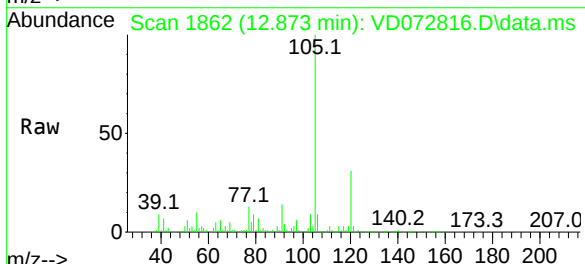
Instrument :
MSVOA_D
ClientSampleId :
09

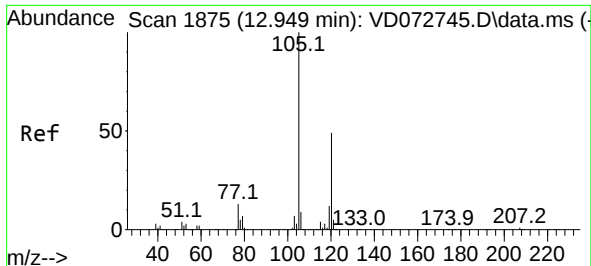
Tgt Ion: 91 Resp: 1120603
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9



#79
2-Chlorotoluene
Concen: 38.312 ug/l
RT: 12.873 min Scan# 1862
Delta R.T. -0.024 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion: 91 Resp: 761787
Ion Ratio Lower Upper
91 100
126 0.8 16.2 48.6#

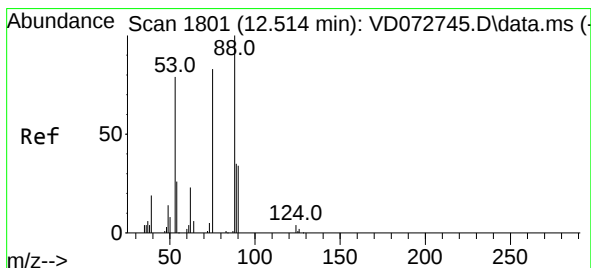
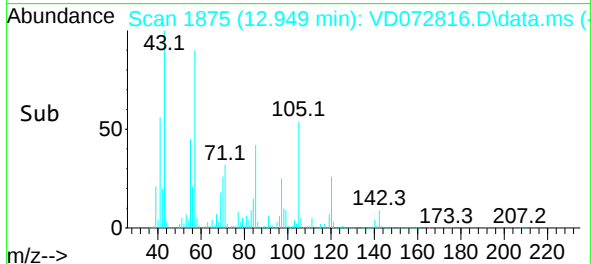
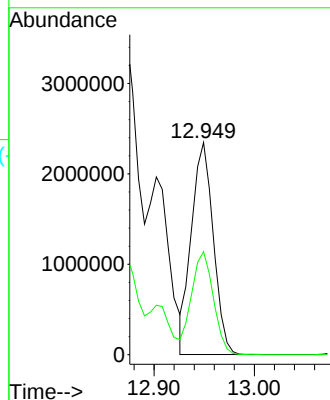
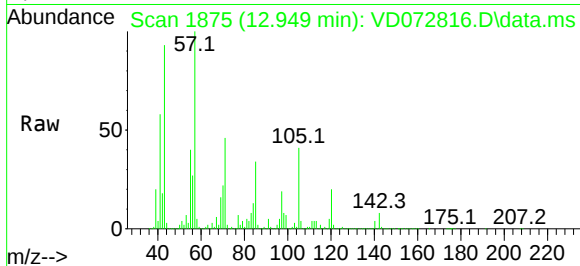




#80
 1,3,5-Trimethylbenzene
 Concen: 155.518 ug/l
 RT: 12.949 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD072816.D
 Acq: 05 May 2022 18:08

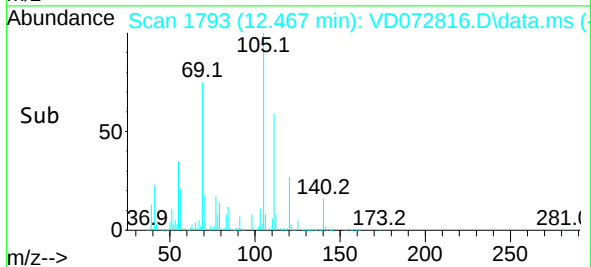
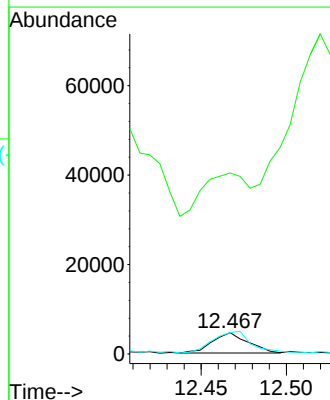
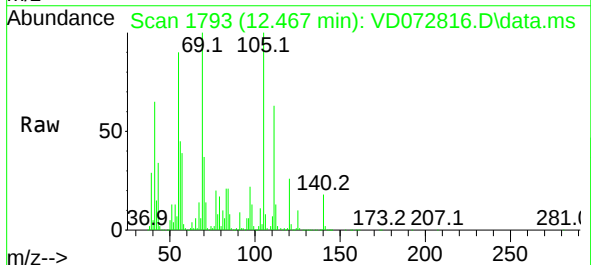
Instrument :
 MSVOA_D
 ClientSampleId :
 09

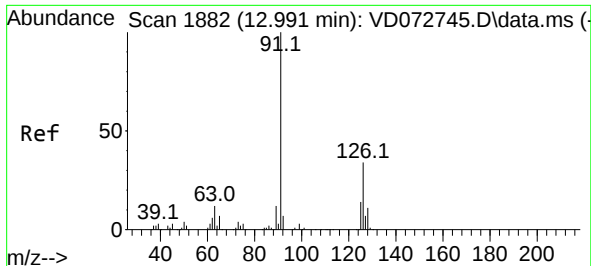
Tgt Ion:105 Resp: 3561469
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.860 ug/l
 RT: 12.467 min Scan# 1793
 Delta R.T. -0.047 min
 Lab File: VD072816.D
 Acq: 05 May 2022 18:08

Tgt Ion: 75 Resp: 6498
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 118.4 33.9 50.9#

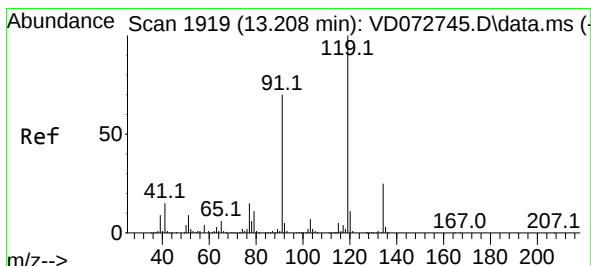
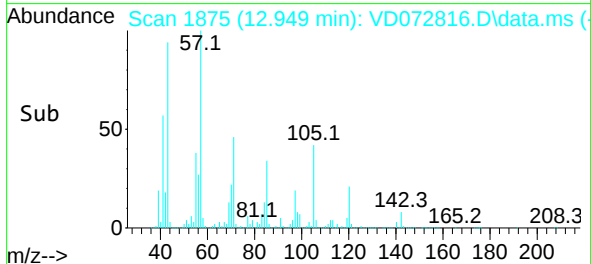
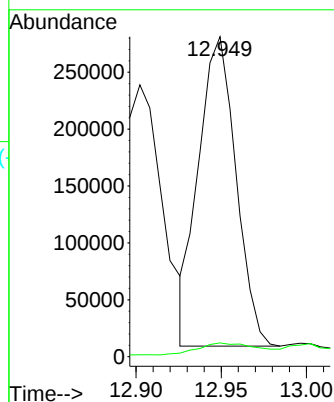
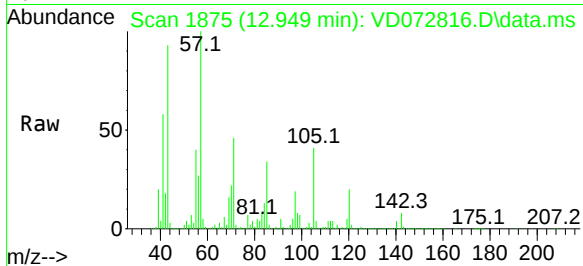




#82
4-Chlorotoluene
Concen: 20.010 ug/l
RT: 12.949 min Scan# 11
Delta R.T. -0.042 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

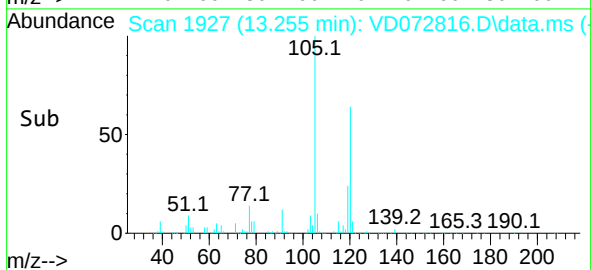
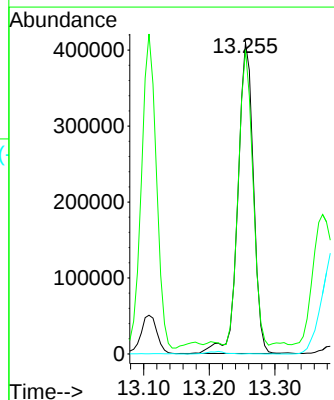
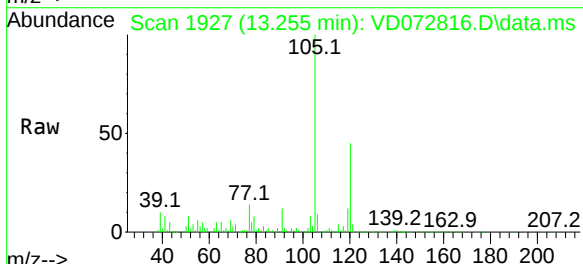
Instrument :
MSVOA_D
ClientSampleId :
09

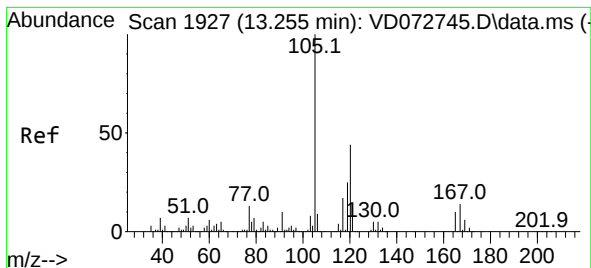
Tgt Ion: 91 Resp: 415726
Ion Ratio Lower Upper
91 100
126 6.4 16.5 49.5#



#83
tert-Butylbenzene
Concen: 34.745 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.047 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion: 119 Resp: 676471
Ion Ratio Lower Upper
119 100
91 88.1 34.8 104.5
134 0.0 13.3 39.9#





#84

1,2,4-Trimethylbenzene

Concen: 236.425 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD072816.D

Acq: 05 May 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

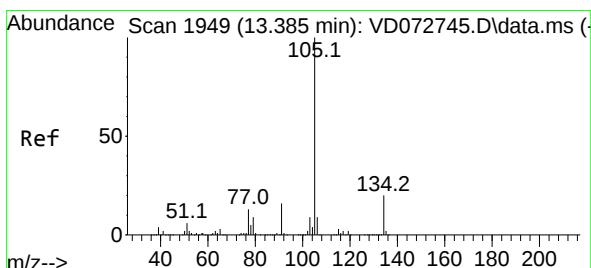
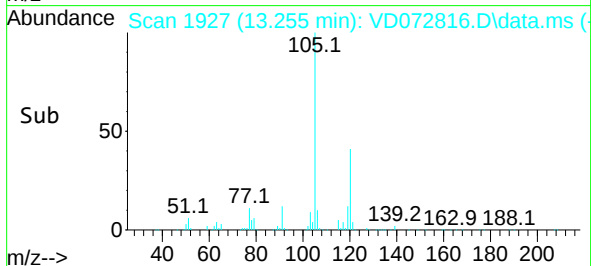
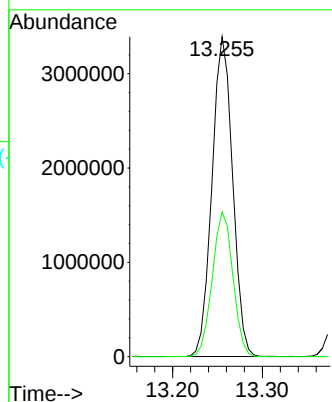
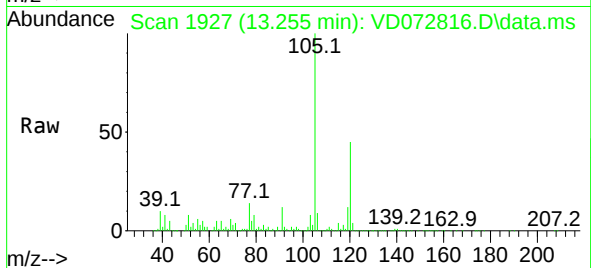
09

Tgt Ion:105 Resp: 5411928

Ion Ratio Lower Upper

105 100

120 45.2 22.3 66.8



#85

sec-Butylbenzene

Concen: 35.034 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. 0.005 min

Lab File: VD072816.D

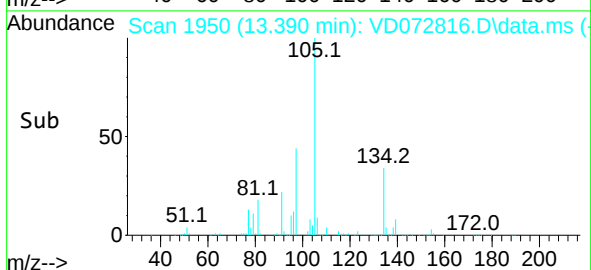
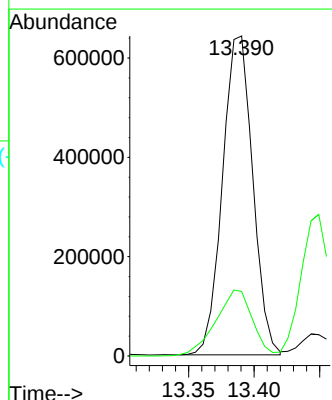
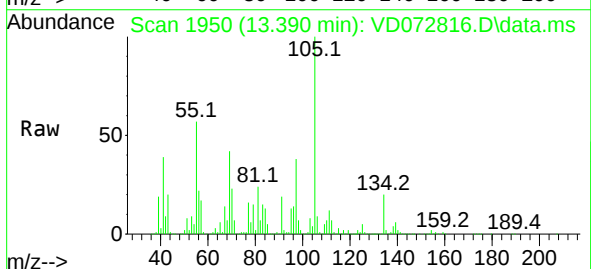
Acq: 05 May 2022 18:08

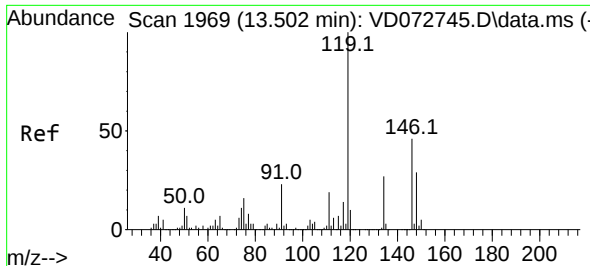
Tgt Ion:105 Resp: 1028763

Ion Ratio Lower Upper

105 100

134 25.1 9.8 29.3

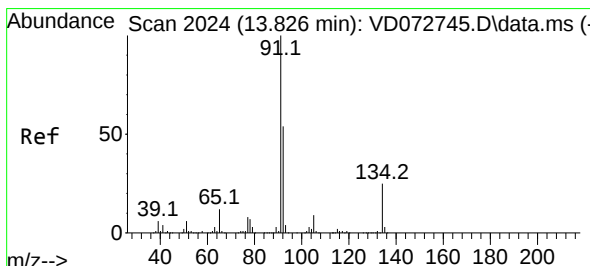
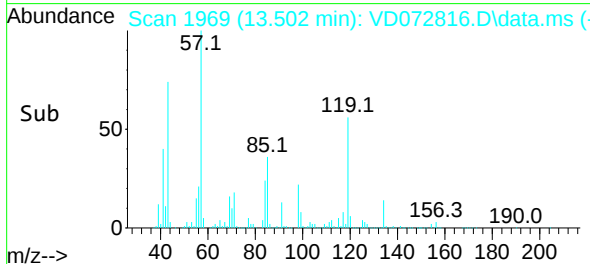
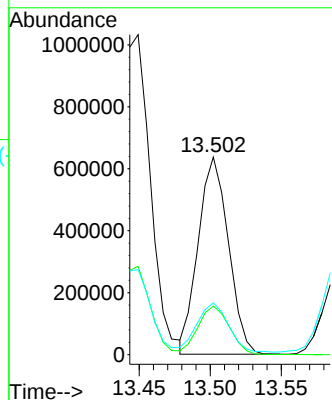
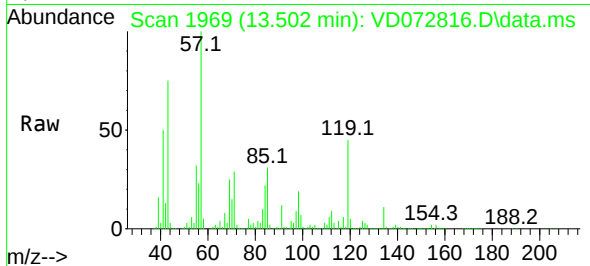




#86
p-Isopropyltoluene
Concen: 39.060 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

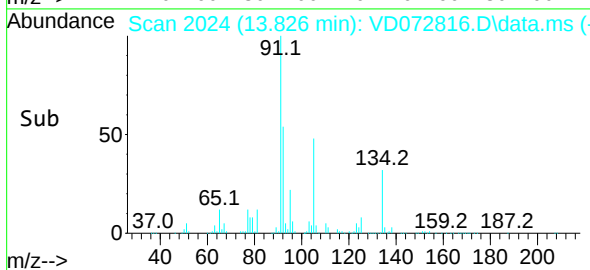
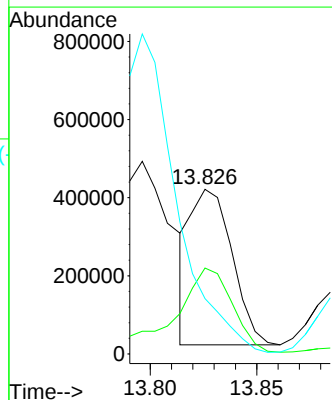
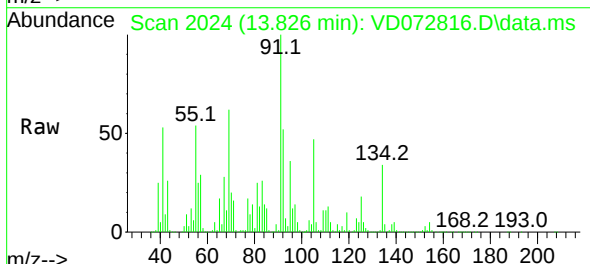
Instrument :
MSVOA_D
ClientSampleId :
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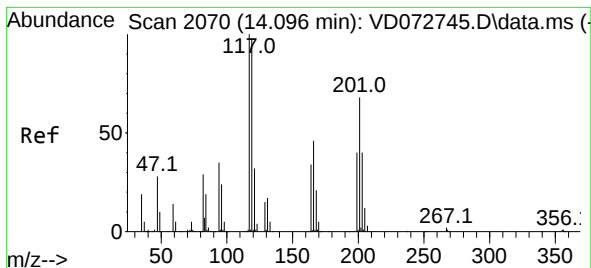
Tgt Ion:119 Resp: 940403
Ion Ratio Lower Upper
119 100
134 25.5 12.9 38.6
91 26.0 12.1 36.3



#89
n-Butylbenzene
Concen: 23.176 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion: 91 Resp: 540528
Ion Ratio Lower Upper
91 100
92 76.4 26.6 79.8
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 58.454 ug/l

RT: 14.102 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD072816.D

Acq: 05 May 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

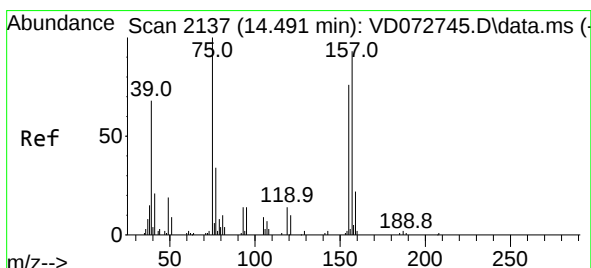
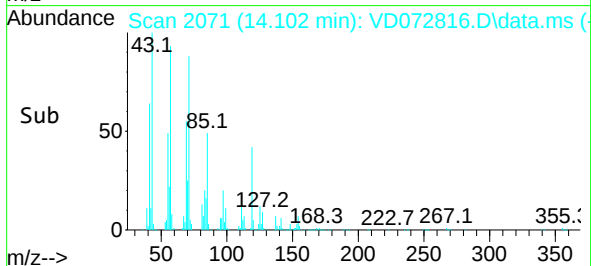
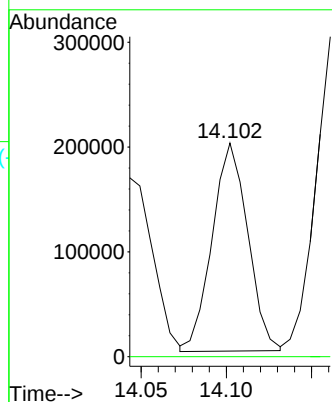
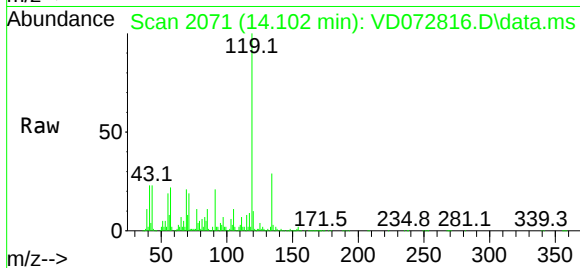
09

Tgt Ion:117 Resp: 288304

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.082 ug/l

RT: 14.508 min Scan# 2140

Delta R.T. 0.017 min

Lab File: VD072816.D

Acq: 05 May 2022 18:08

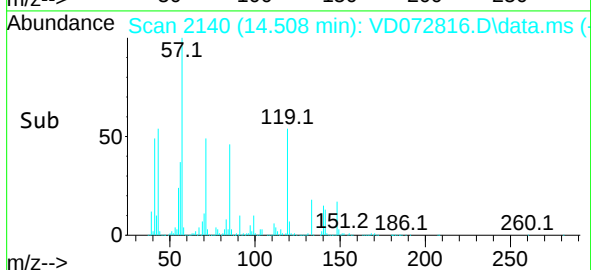
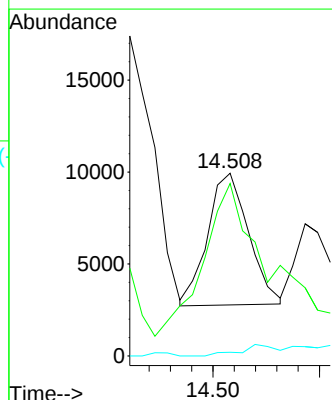
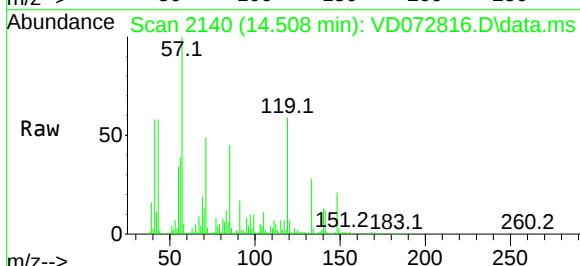
Tgt Ion: 75 Resp: 9577

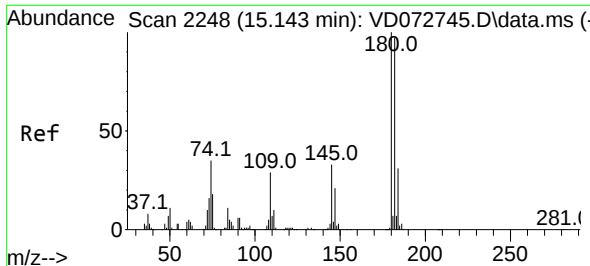
Ion Ratio Lower Upper

75 100

155 185.4 36.8 110.3#

157 7.4 48.4 145.0#

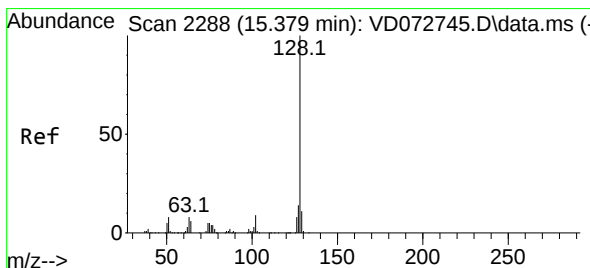
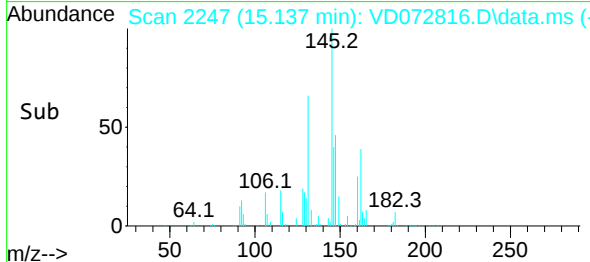
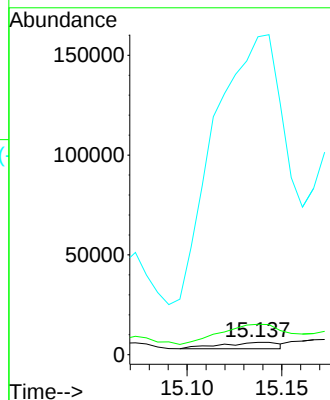
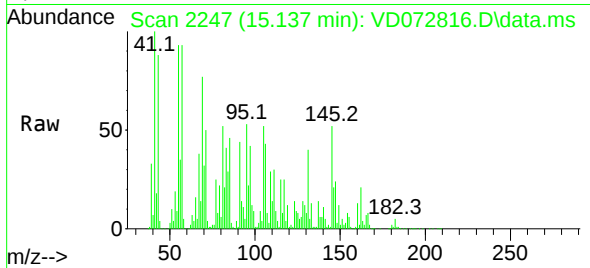




#93
1,2,4-Trichlorobenzene
Concen: 1.043 ug/l
RT: 15.137 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

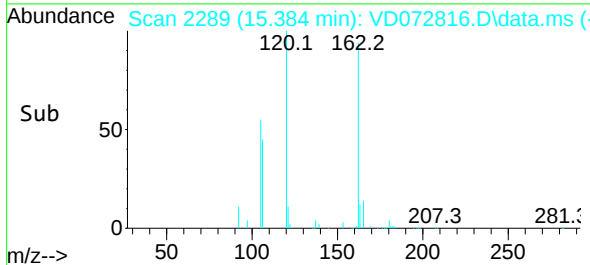
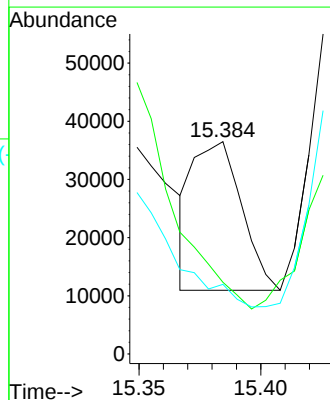
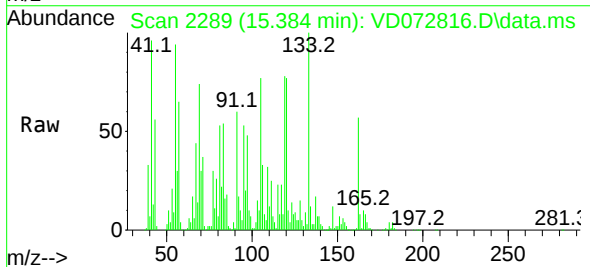
Instrument :
MSVOA_D
ClientSampleId :
09

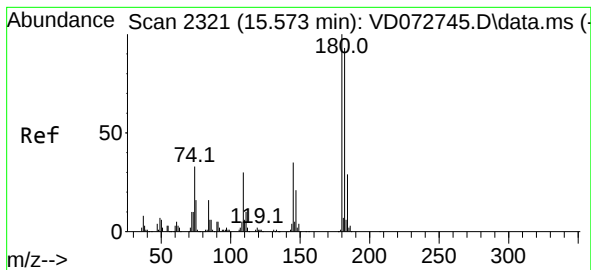
Tgt Ion:180 Resp: 6953
Ion Ratio Lower Upper
180 100
182 360.3 47.3 142.0#
145 5587.7 16.2 48.5#



#95
Naphthalene
Concen: 2.910 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.005 min
Lab File: VD072816.D
Acq: 05 May 2022 18:08

Tgt Ion:128 Resp: 35672
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 7.313 ug/l
 RT: 15.537 min Scan# 21
 Delta R.T. -0.036 min
 Lab File: VD072816.D
 Acq: 05 May 2022 18:08

Instrument :
 MSVOA_D
 ClientSampleId :
 09

Tgt Ion:180 Resp: 43230
 Ion Ratio Lower Upper
 180 100
 182 16.1 47.6 142.9#
 145 429.1 17.1 51.3#

