

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071797.D
 Acq On : 27 Jan 2022 13:07
 Operator : VA/SY
 Sample : N1208-03
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP25-07-20220119-26.0-26.5

Quant Time: Jan 27 15:38:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	15284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	27138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	25366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	9725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14548	75.307	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 150.620%			
35) Dibromofluoromethane	7.914	113	9076	50.878	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.760%			
50) Toluene-d8	10.338	98	34391	51.622	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.240%			
62) 4-Bromofluorobenzene	12.626	95	11672	50.170	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.340%			
Target Compounds					Qvalue	
3) Chloromethane	2.215	50	1398	6.443	ug/l #	63
5) Bromomethane	2.791	94	1183	7.892	ug/l #	37
10) Methyl Iodide	4.320	142	1379	7.323	ug/l #	57
16) Acetone	4.150	43	567	10.722	ug/l #	47
17) Carbon Disulfide	4.432	76	632	1.079	ug/l #	74
20) Methylene Chloride	4.985	84	144	Below Cal	#	47
25) 2-Butanone	7.220	43	201	3.260	ug/l #	52
29) Tetrahydrofuran	7.532	42	65	1.782	ug/l #	38
31) Cyclohexane	7.985	56	512	1.388	ug/l #	47
36) 1,1-Dichloropropene	7.979	75	1260	4.115	ug/l #	43
37) Ethyl Acetate	7.220	43	201	1.412	ug/l #	63
38) Carbon Tetrachloride	7.979	117	1811	5.981	ug/l #	32
39) Methylcyclohexane	9.355	83	372	1.049	ug/l #	31
47) Bromodichloromethane	9.679	83	522	1.769	ug/l #	78
48) Methyl methacrylate	9.426	41	298	2.201	ug/l #	78
51) 4-Methyl-2-Pentanone	10.232	43	1267	9.463	ug/l #	39
56) Ethyl methacrylate	10.673	69	438	2.389	ug/l #	72
59) 2-Hexanone	10.979	43	1122	11.546	ug/l #	47
67) Ethyl Benzene	11.749	91	3430	3.474	ug/l #	44
68) m/p-Xylenes	11.838	106	551	1.467	ug/l #	1
73) Isopropylbenzene	12.479	105	1313	1.744	ug/l #	62
74) N-amyl acetate	12.285	43	556	3.002	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.690	83	790	5.669	ug/l #	36
76) 1,2,3-Trichloropropane	12.626	75	5903	57.596	ug/l #	100
78) n-propylbenzene	12.867	91	3711	3.930	ug/l #	91
79) 2-Chlorotoluene	12.867	91	3711	6.935	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.867	105	1833	2.935	ug/l #	81
81) trans-1,4-Dichloro-2-b...	12.626	75	5903	141.616	ug/l #	8
82) 4-Chlorotoluene	12.973	91	19175	34.443	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.261	105	785	1.278	ug/l #	97
85) sec-Butylbenzene	13.396	105	998	1.232	ug/l #	87
86) p-Isopropyltoluene	13.732	119	32669	49.635	ug/l #	62
90) Hexachloroethane	14.108	117	195	1.490	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.584	75	145	6.283	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.143	180	328	1.929	ug/l #	12
95) Naphthalene	15.379	128	784	3.707	ug/l #	93

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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

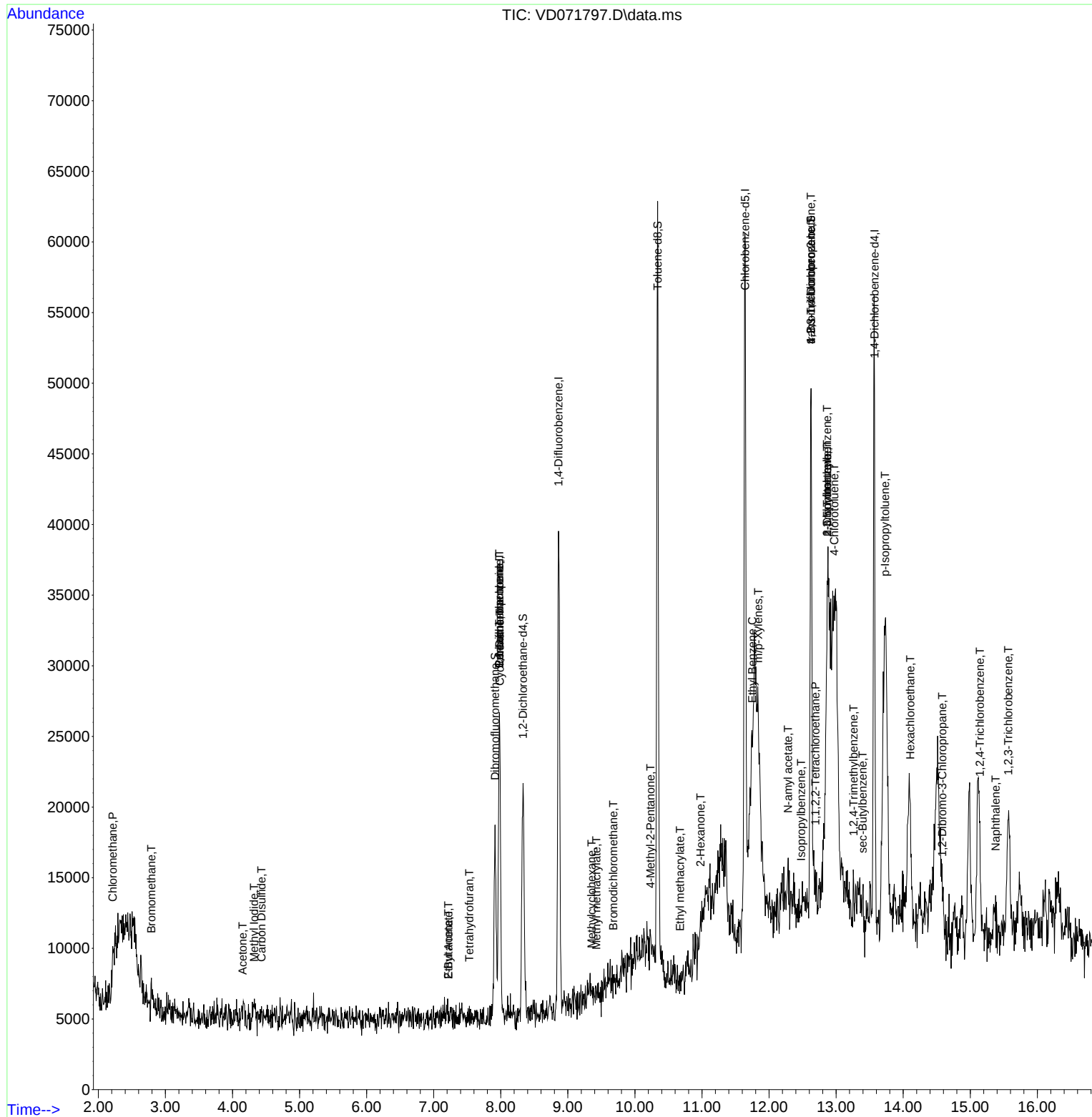
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.567	180	218	1.496	ug/l #	10

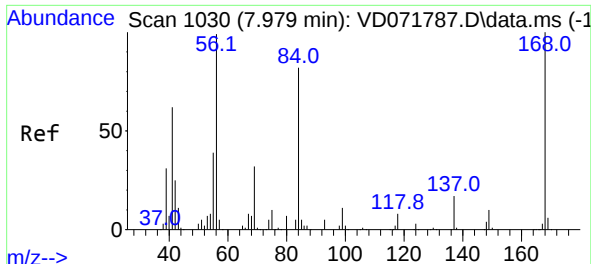
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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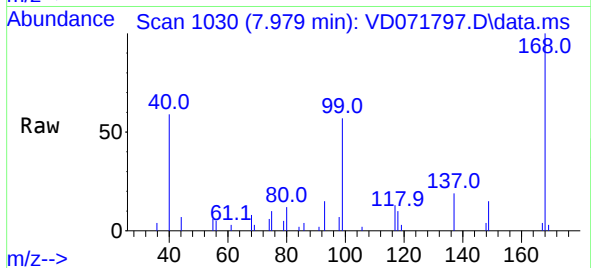
Quant Time: Jan 27 15:38:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
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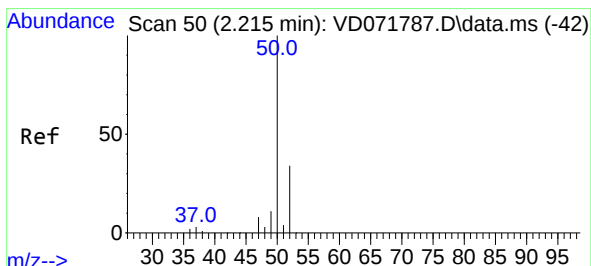
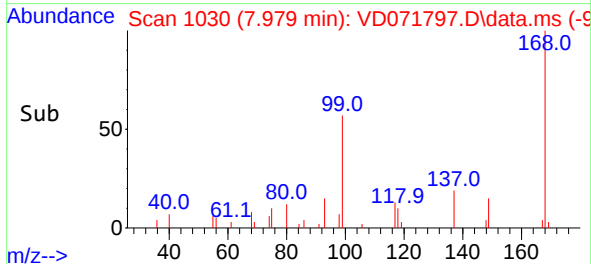
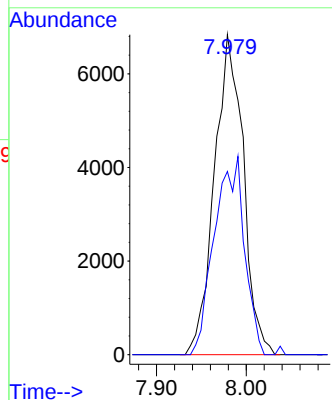


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071797.D
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Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

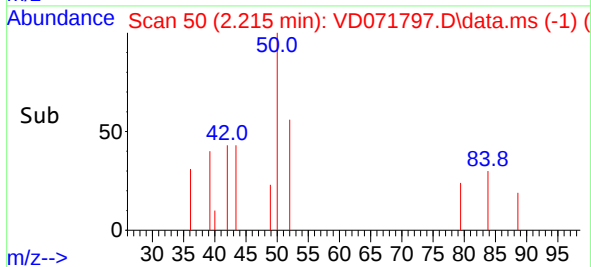
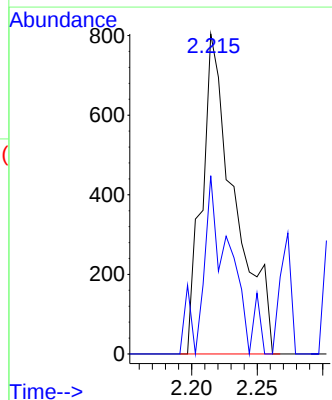
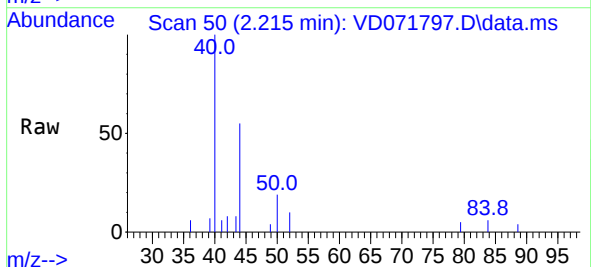


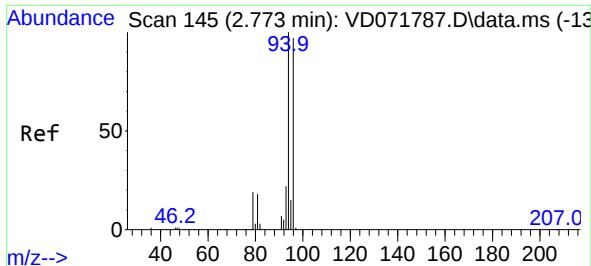
Tgt Ion:168 Resp: 15284
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6



#3
Chloromethane
Concen: 6.443 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 50 Resp: 1398
Ion Ratio Lower Upper
50 100
52 55.7 27.4 41.0#

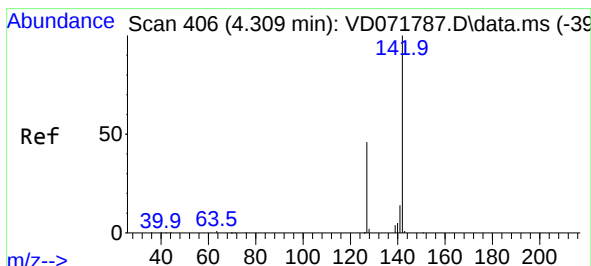
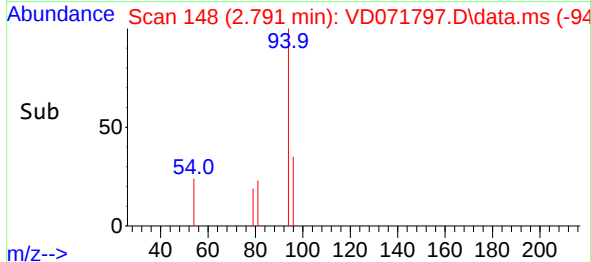
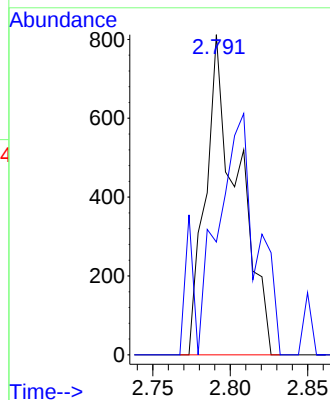
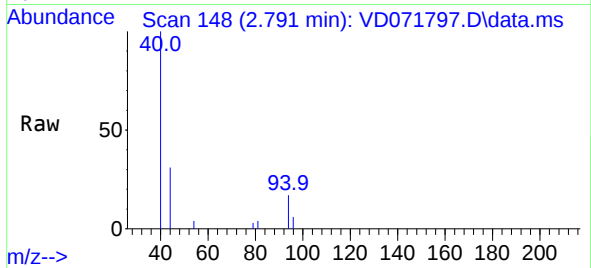




#5
Bromomethane
Concen: 7.892 ug/l
RT: 2.791 min Scan# 145
Delta R.T. 0.018 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

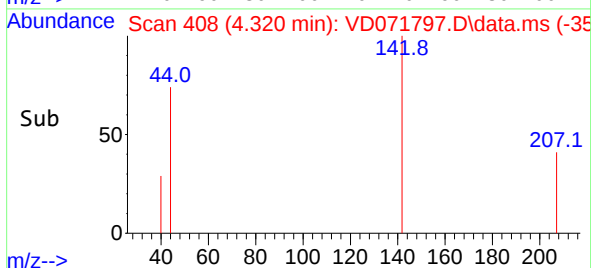
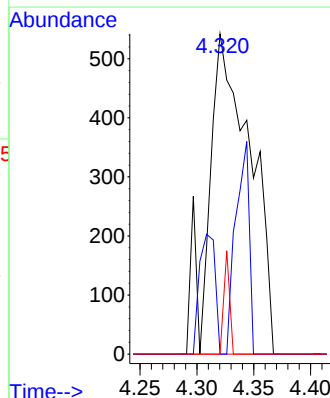
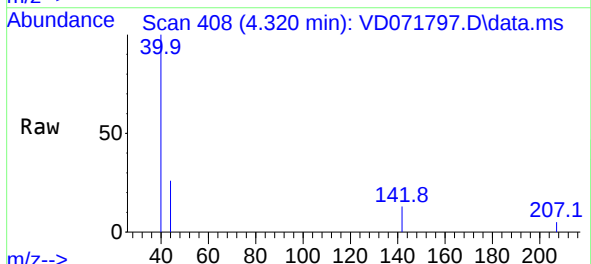
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

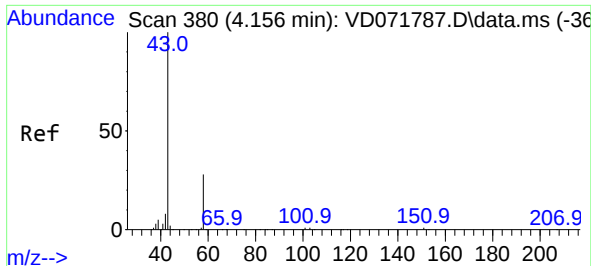
Tgt Ion: 94 Resp: 1183
Ion Ratio Lower Upper
94 100
96 35.2 77.6 116.4#



#10
Methyl Iodide
Concen: 7.323 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.012 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion:142 Resp: 1379
Ion Ratio Lower Upper
142 100
127 14.1 37.3 55.9#
141 4.5 11.7 17.5#

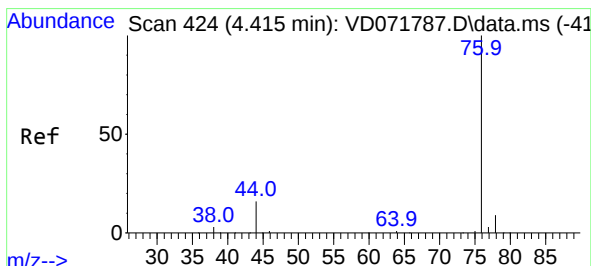
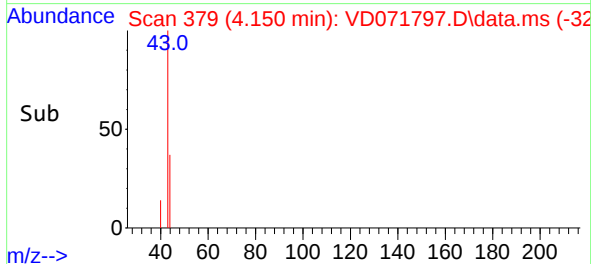
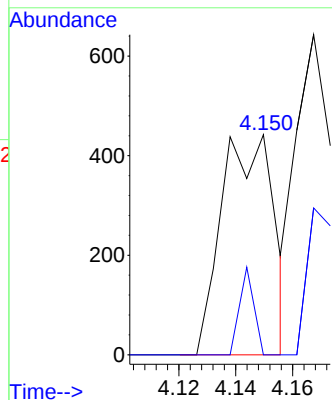
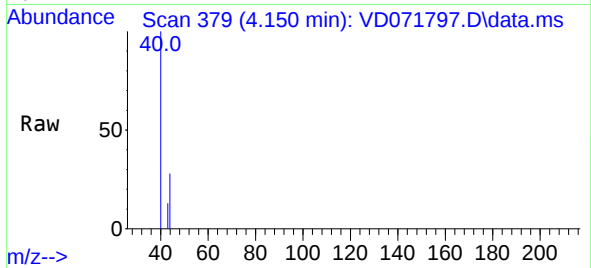




#16
Acetone
Concen: 10.722 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

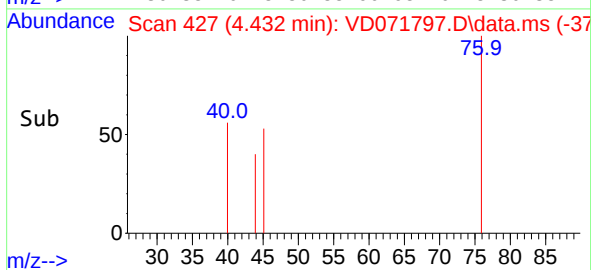
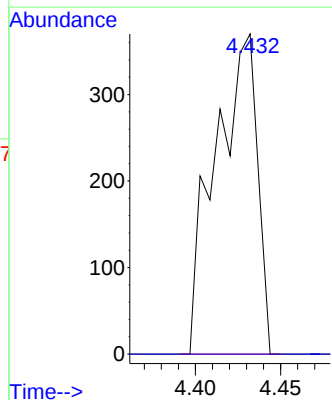
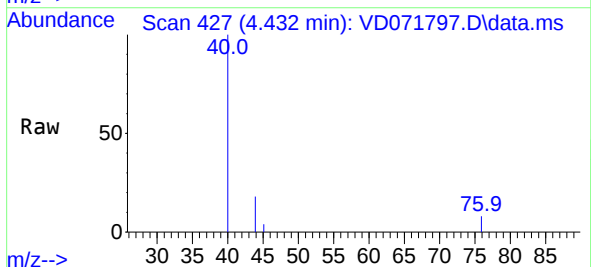
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

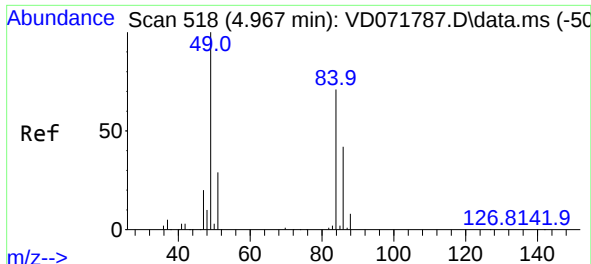
Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.079 ug/l
RT: 4.432 min Scan# 427
Delta R.T. 0.018 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 76 Resp: 632
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

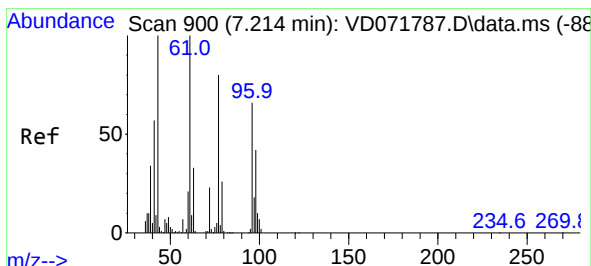
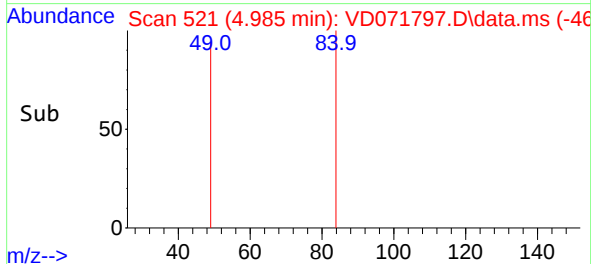
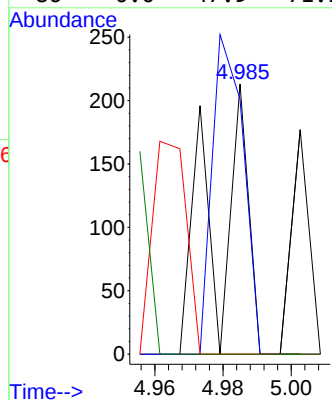
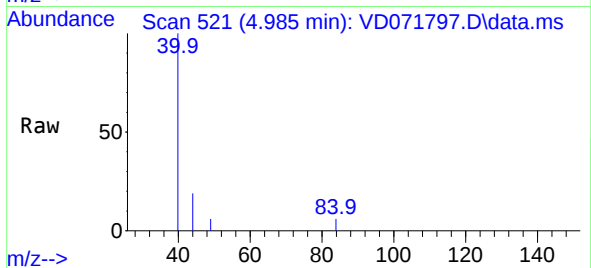




#20
Methylene Chloride
Concen: Below Cal
RT: 4.985 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

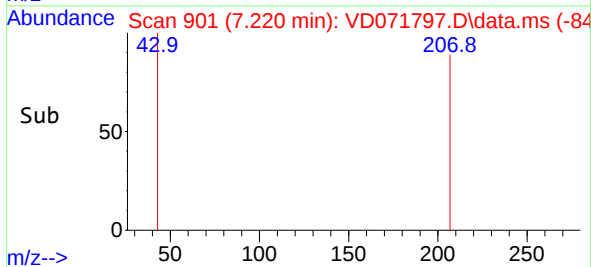
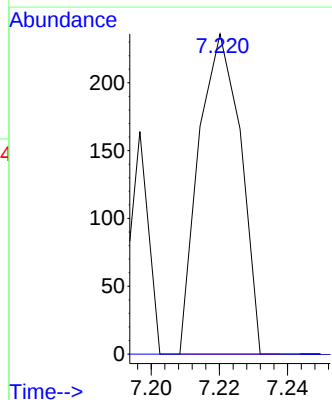
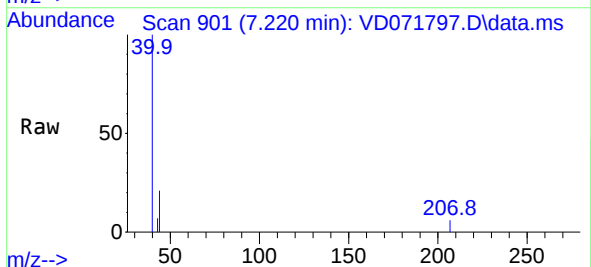
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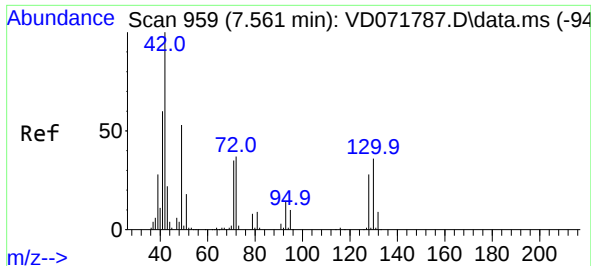
Tgt Ion:	84	Resp:	144
Ion	Ratio	Lower	Upper
84	100		
49	94.4	112.8	169.2#
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#



#25
2-Butanone
Concen: 3.260 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion:	43	Resp:	201
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#29

Tetrahydrofuran

Concen: 1.782 ug/l

RT: 7.532 min Scan# 91

Delta R.T. -0.030 min

Lab File: VD071797.D

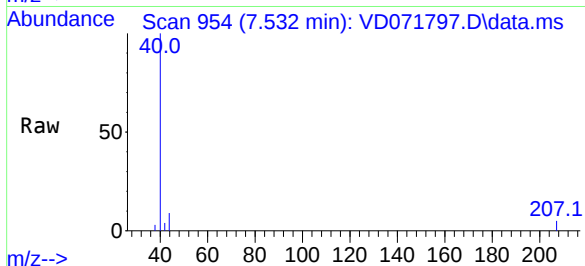
Acq: 27 Jan 2022 13:07

Instrument :

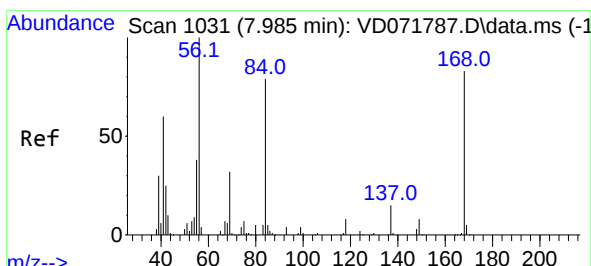
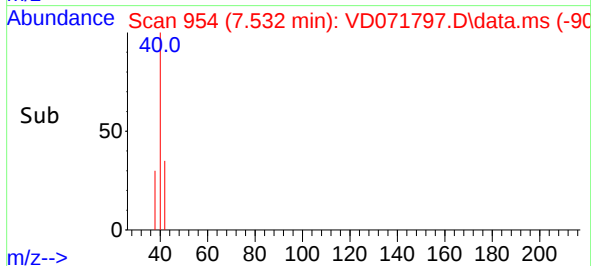
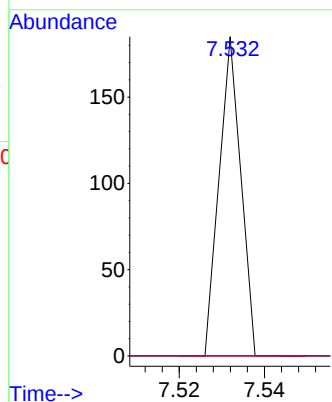
MSVOA_D

ClientSampleId :

SP25-07-20220119-26.0-26.5



Tgt Ion:	42	Resp:	65
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#31

Cyclohexane

Concen: 1.388 ug/l

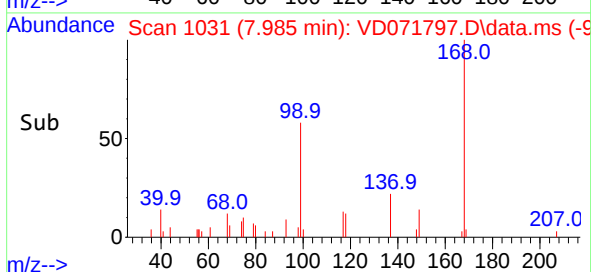
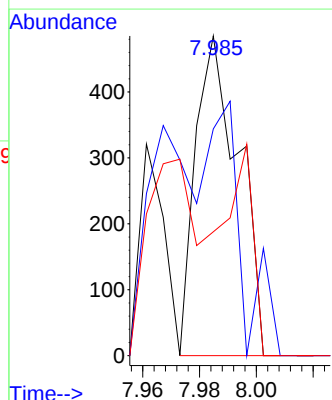
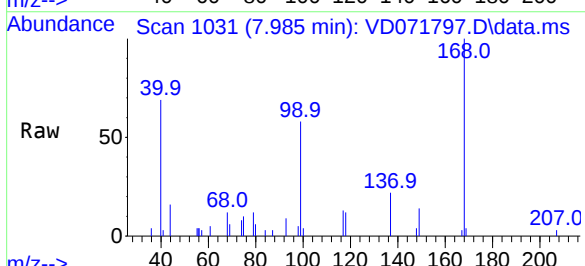
RT: 7.985 min Scan# 1031

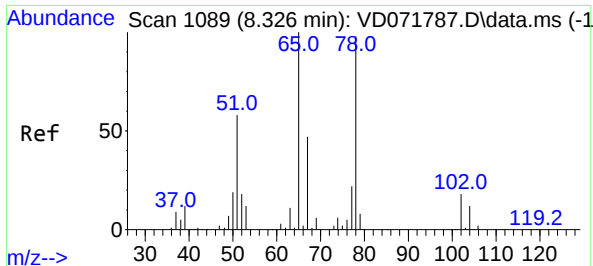
Delta R.T. -0.000 min

Lab File: VD071797.D

Acq: 27 Jan 2022 13:07

Tgt Ion:	56	Resp:	512
Ion	Ratio	Lower	Upper
56	100		
69	70.9	25.4	38.2#
84	38.8	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 75.307 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071797.D

Acq: 27 Jan 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

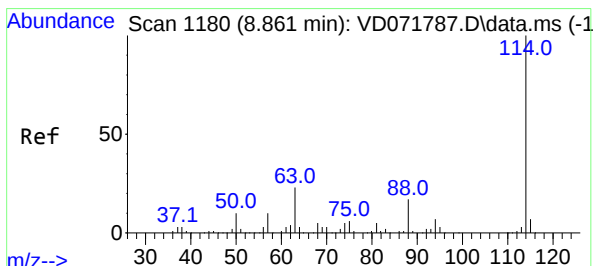
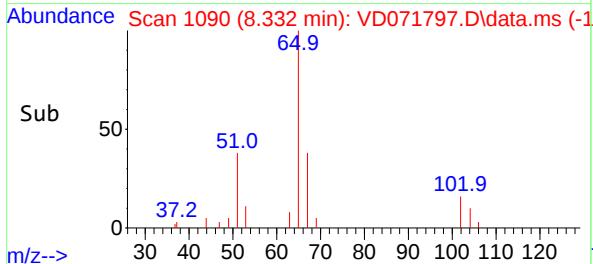
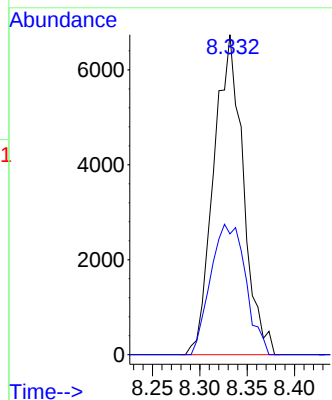
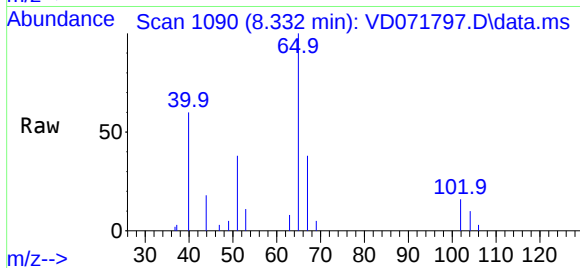
SP25-07-20220119-26.0-26.5

Tgt Ion: 65 Resp: 14548

Ion Ratio Lower Upper

65 100

67 48.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071797.D

Acq: 27 Jan 2022 13:07

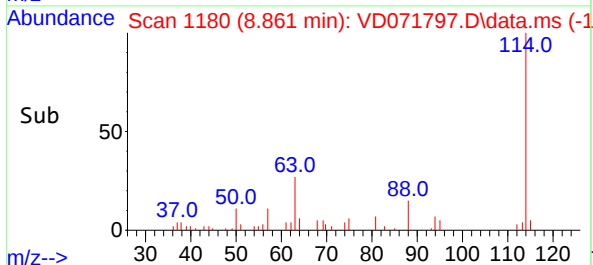
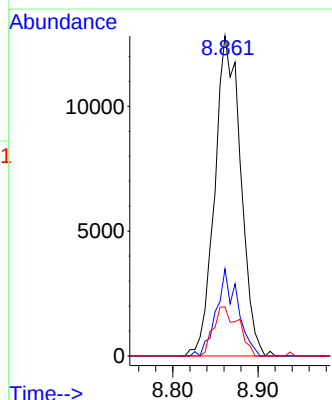
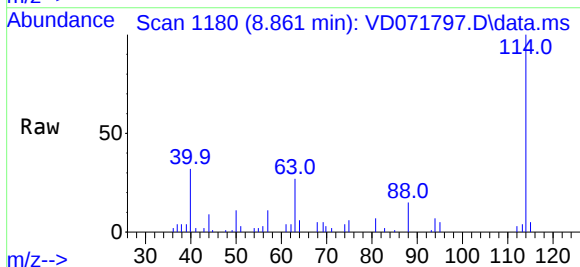
Tgt Ion: 114 Resp: 27138

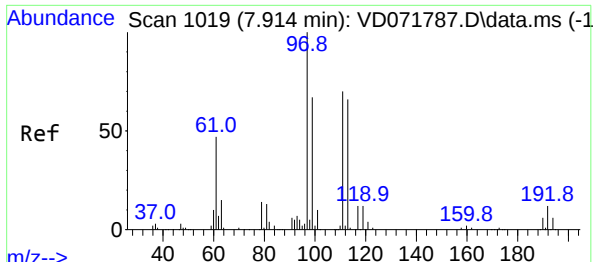
Ion Ratio Lower Upper

114 100

63 27.2 0.0 46.6

88 15.3 0.0 33.2

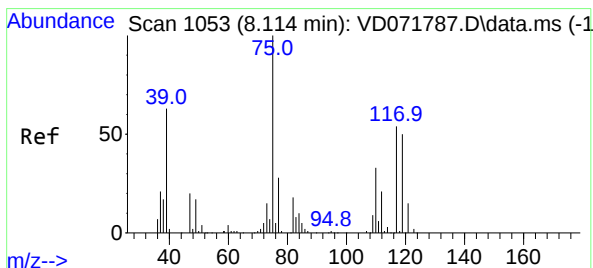
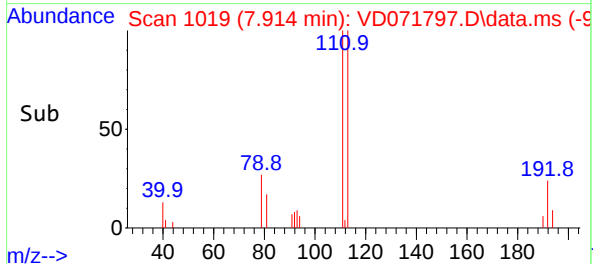
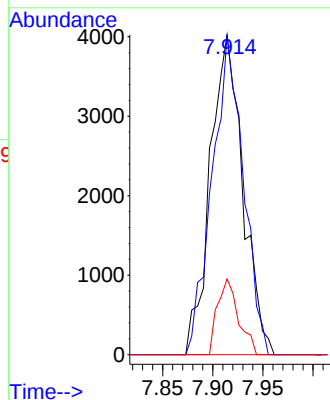
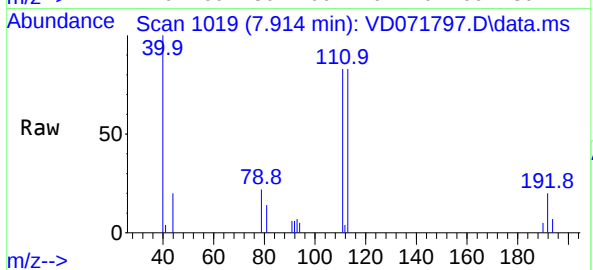




#35
Dibromofluoromethane
Concen: 50.878 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

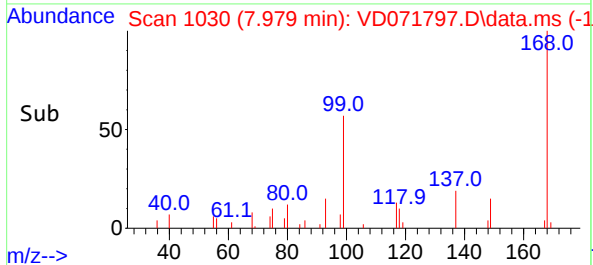
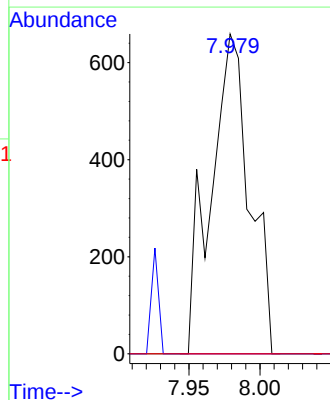
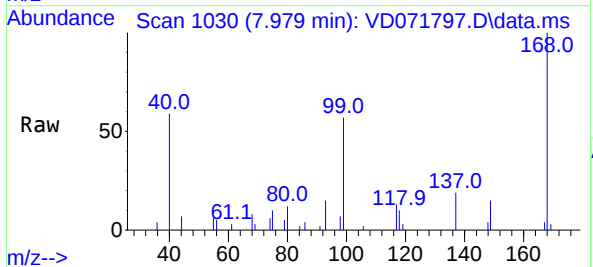
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

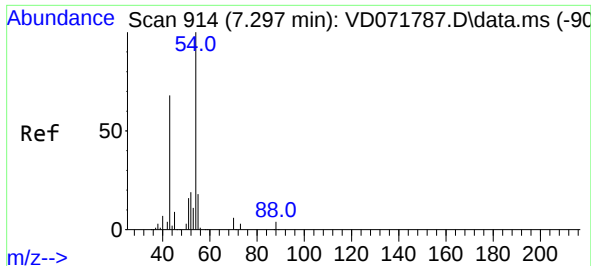
Tgt Ion:113 Resp: 9076
Ion Ratio Lower Upper
113 100
111 95.7 83.8 125.6
192 15.2 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.115 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 75 Resp: 1260
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 1.412 ug/l

RT: 7.220 min Scan# 90

Delta R.T. -0.077 min

Lab File: VD071797.D

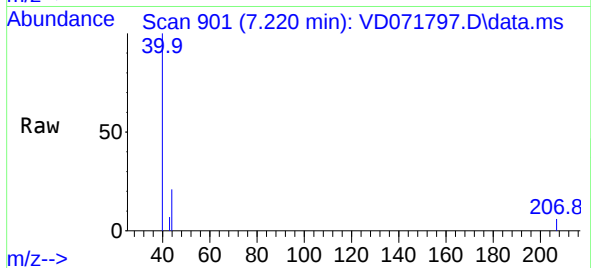
Acq: 27 Jan 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

SP25-07-20220119-26.0-26.5



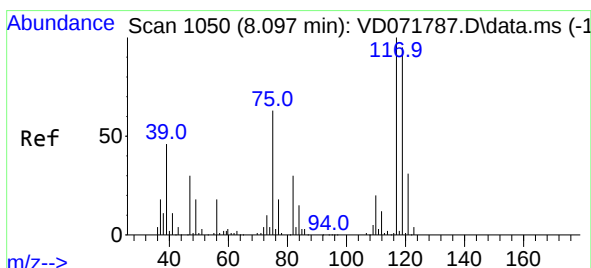
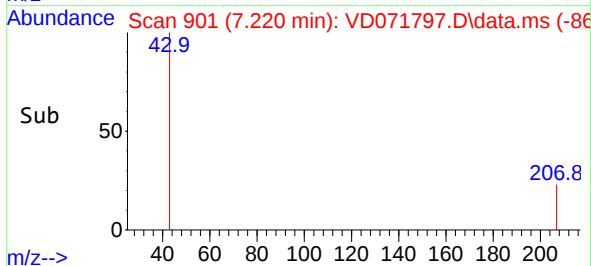
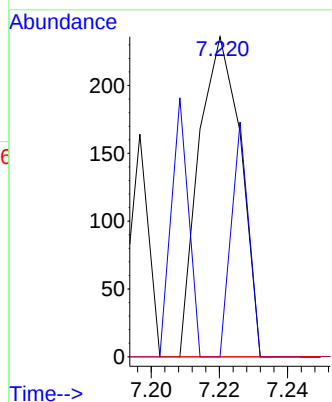
Tgt Ion: 43 Resp: 201

Ion Ratio Lower Upper

43 100

61 30.3 9.8 14.8#

70 0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 5.981 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071797.D

Acq: 27 Jan 2022 13:07

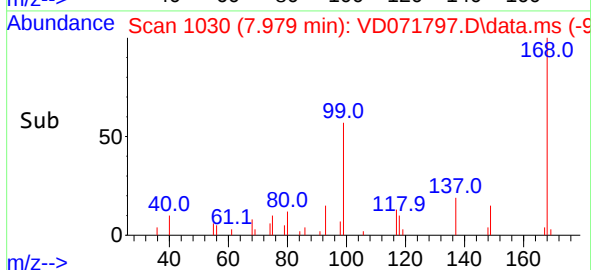
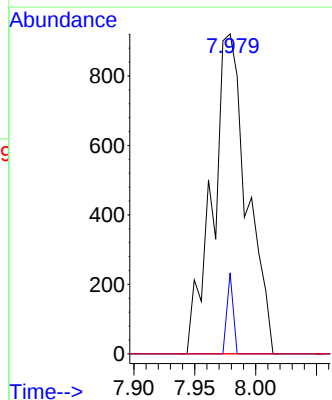
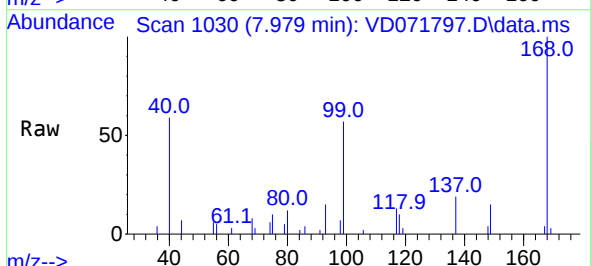
Tgt Ion: 117 Resp: 1811

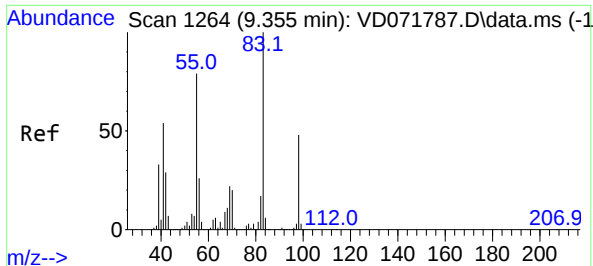
Ion Ratio Lower Upper

117 100

119 25.3 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 1.049 ug/l

RT: 9.355 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071797.D

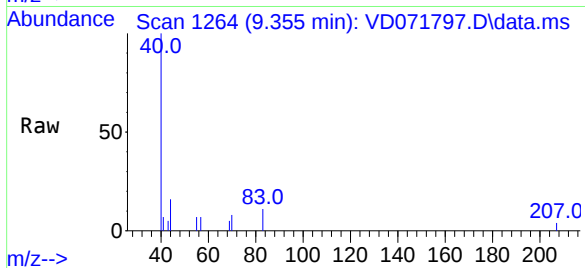
Acq: 27 Jan 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

SP25-07-20220119-26.0-26.5



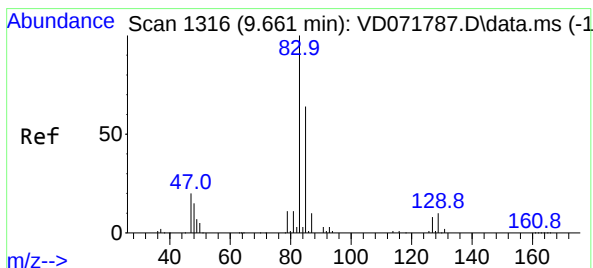
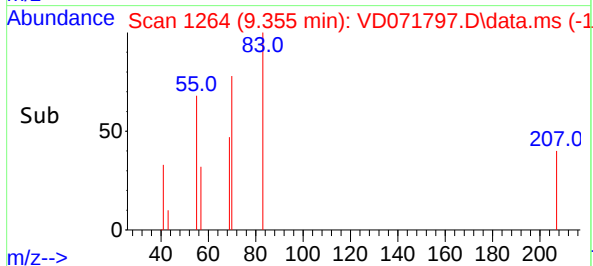
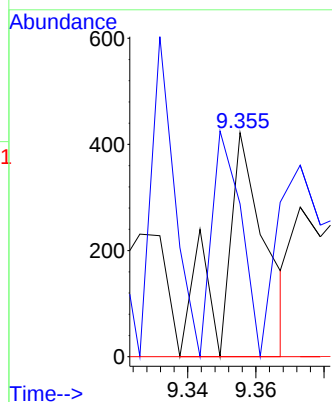
Tgt Ion: 83 Resp: 372

Ion Ratio Lower Upper

83 100

55 19.4 63.2 94.8#

98 0.0 38.2 57.4#



#47

Bromodichloromethane

Concen: 1.769 ug/l

RT: 9.679 min Scan# 1319

Delta R.T. 0.018 min

Lab File: VD071797.D

Acq: 27 Jan 2022 13:07

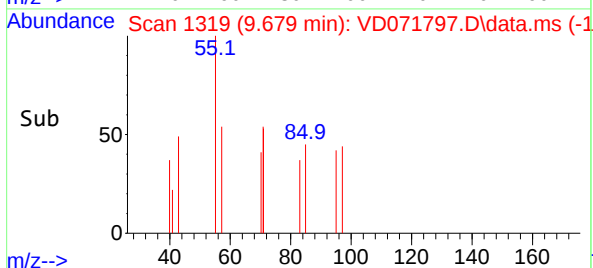
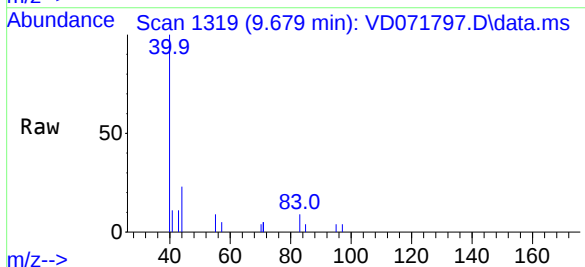
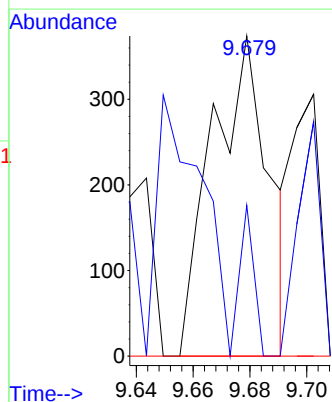
Tgt Ion: 83 Resp: 522

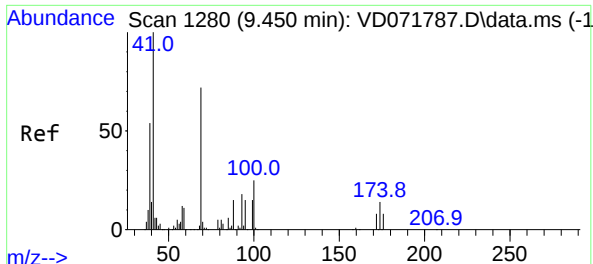
Ion Ratio Lower Upper

83 100

85 47.1 51.4 77.0#

127 0.0 6.1 9.1#

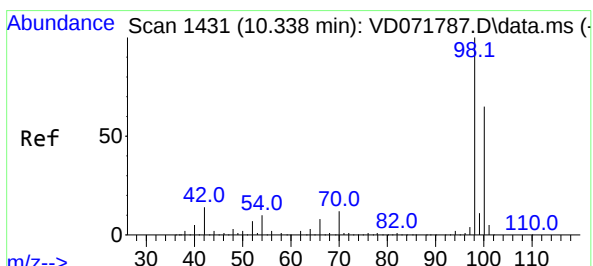
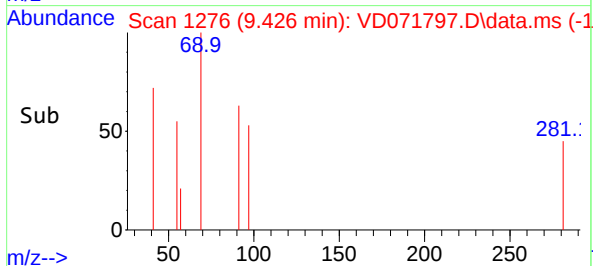
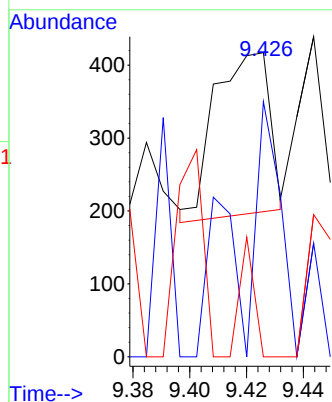
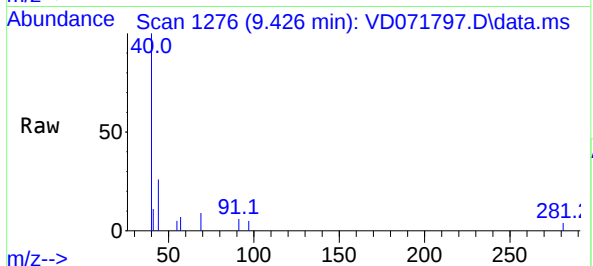




#48
Methyl methacrylate
Concen: 2.201 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

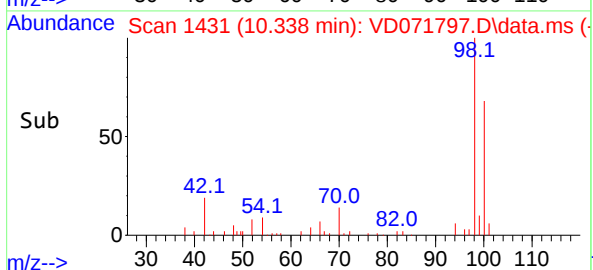
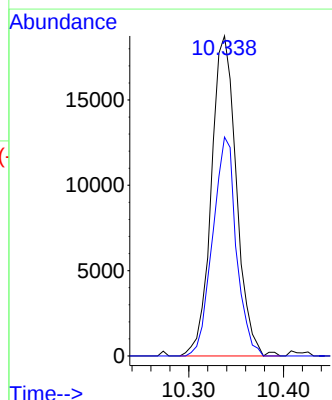
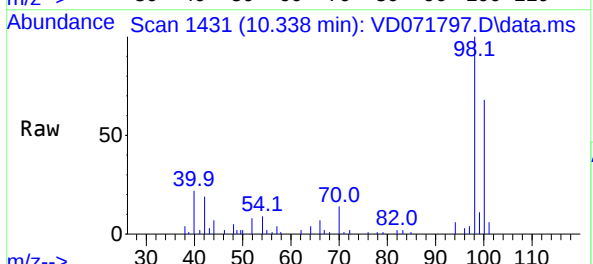
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

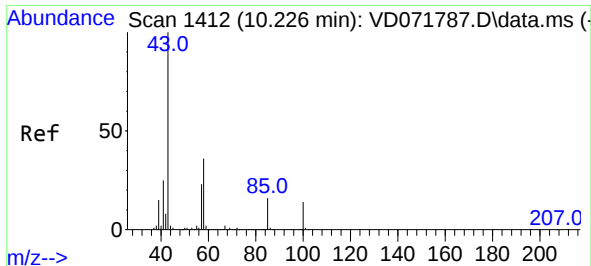
Tgt Ion: 41 Resp: 298
Ion Ratio Lower Upper
41 100
69 68.1 56.7 85.1
39 19.5 42.7 64.1#



#50
Toluene-d8
Concen: 51.622 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 98 Resp: 34391
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6

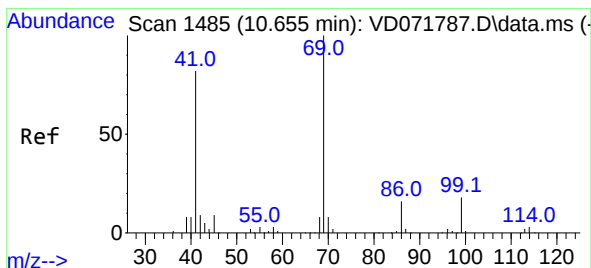
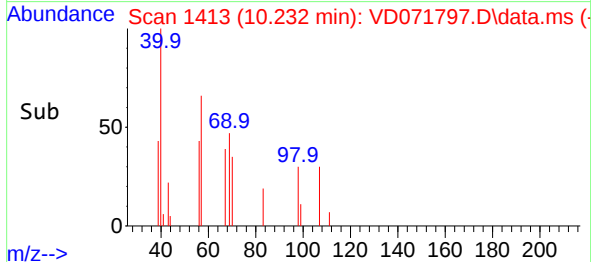
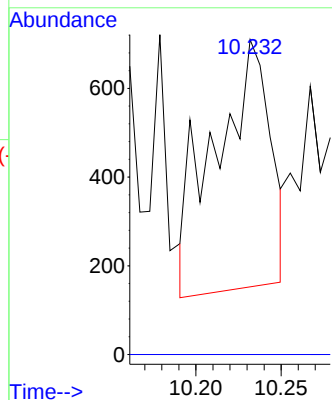
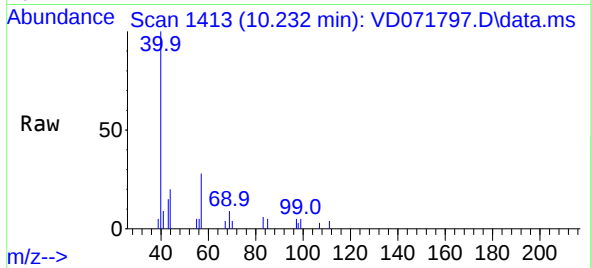




#51
4-Methyl-2-Pentanone
Concen: 9.463 ug/l
RT: 10.232 min Scan# 1412
Delta R.T. 0.006 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

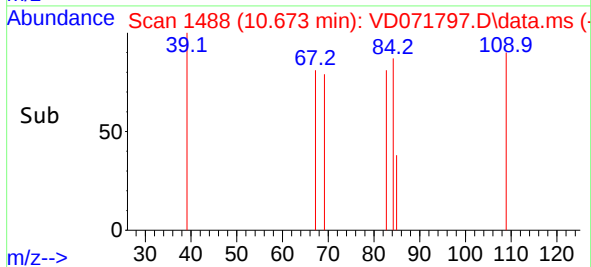
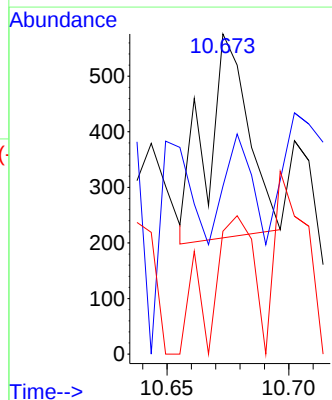
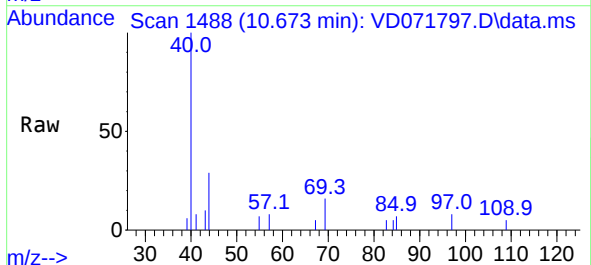
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

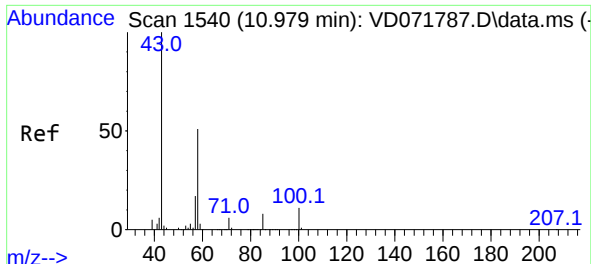
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#56
Ethyl methacrylate
Concen: 2.389 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 69 Resp: 438
Ion Ratio Lower Upper
69 100
41 61.4 63.0 94.6#
39 69.4 33.8 50.8#

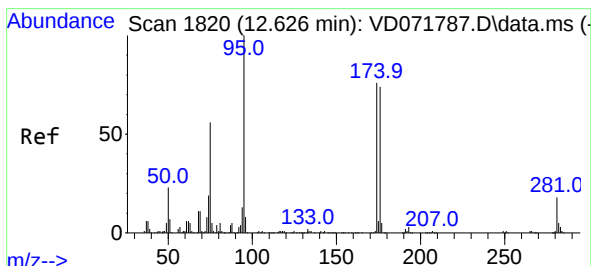
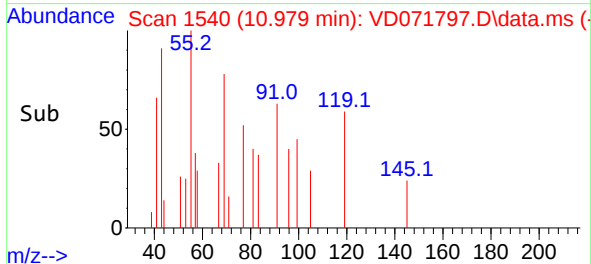
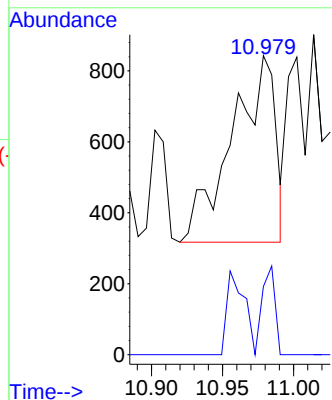
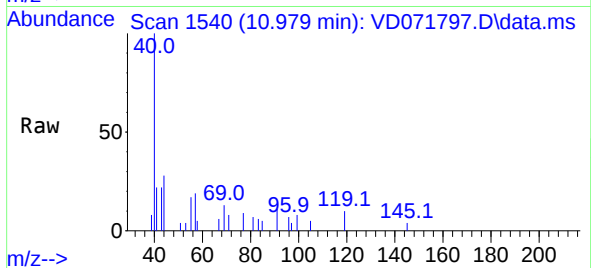




#59
2-Hexanone
Concen: 11.546 ug/l
RT: 10.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

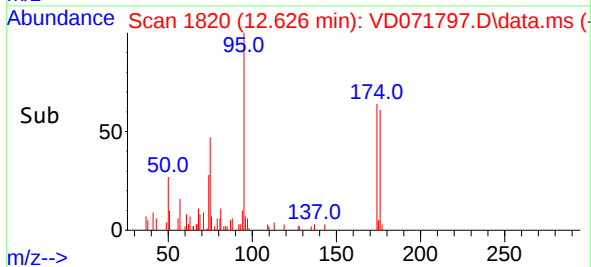
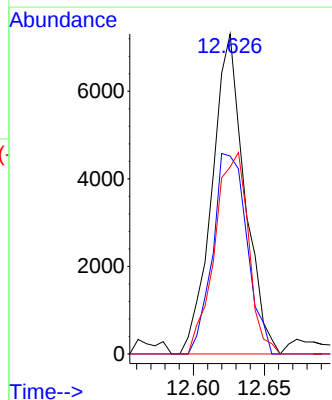
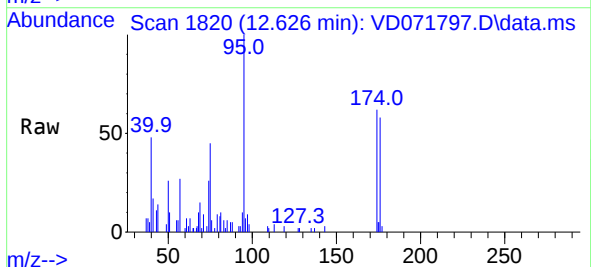
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

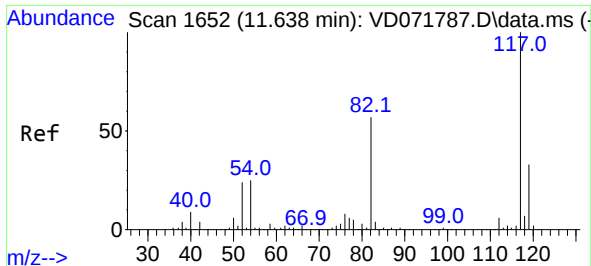
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
58 13.9 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 50.170 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 95 Resp: 11672
Ion Ratio Lower Upper
95 100
174 65.9 0.0 152.8
176 65.0 0.0 145.4

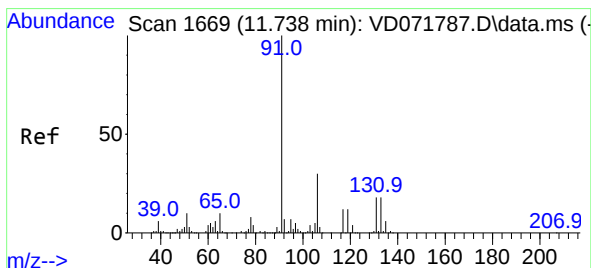
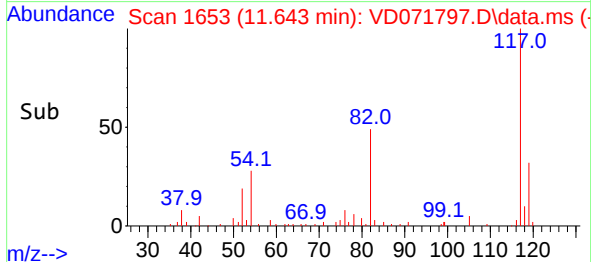
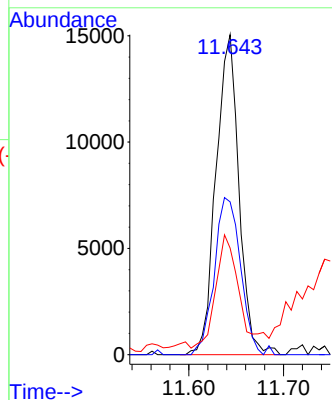
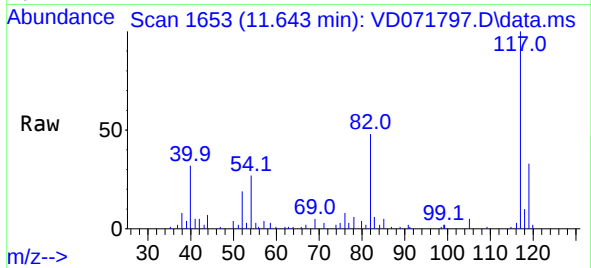




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

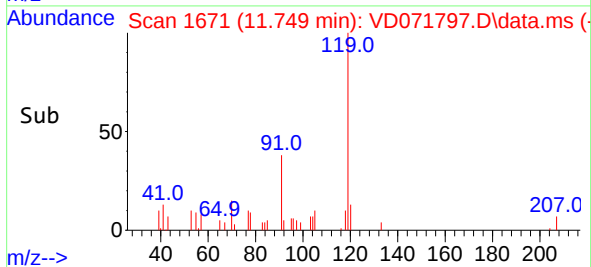
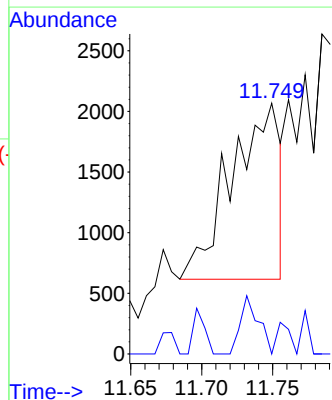
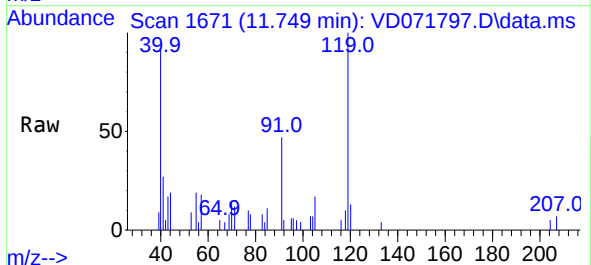
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

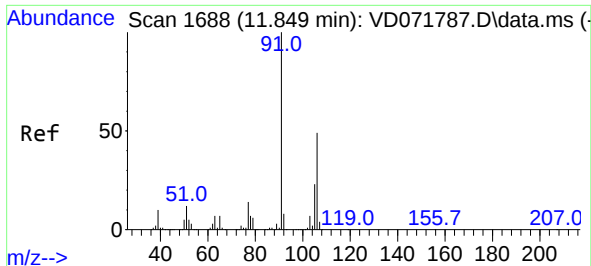
Tgt Ion:117 Resp: 25366
Ion Ratio Lower Upper
117 100
82 47.7 45.3 67.9
119 29.9 26.6 40.0



#67
Ethyl Benzene
Concen: 3.474 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.012 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 91 Resp: 3430
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#

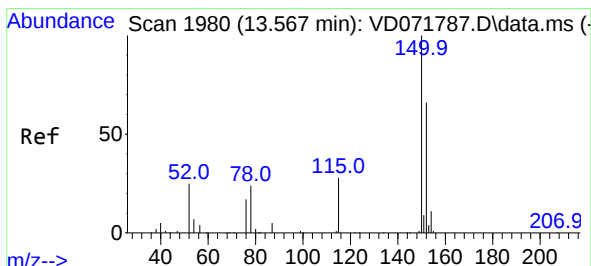
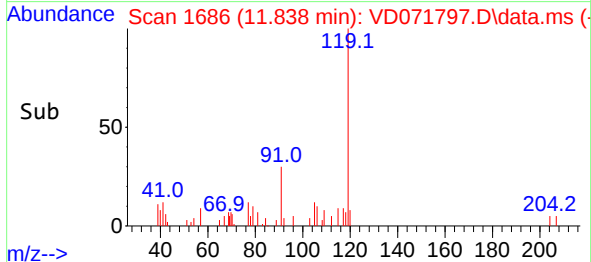
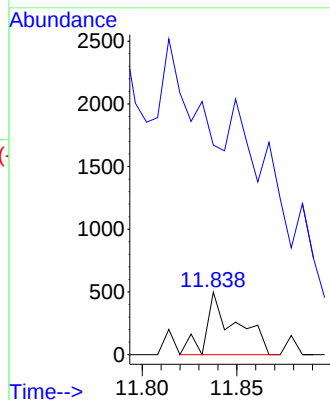
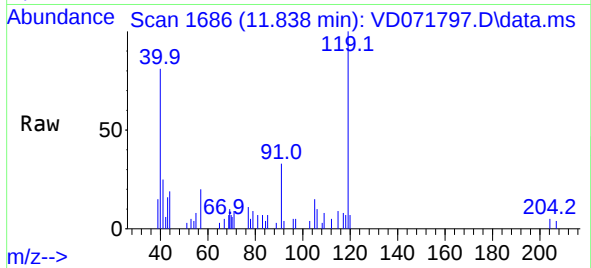




#68
m/p-Xylenes
Concen: 1.467 ug/l
RT: 11.838 min Scan# 1186
Delta R.T. -0.012 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

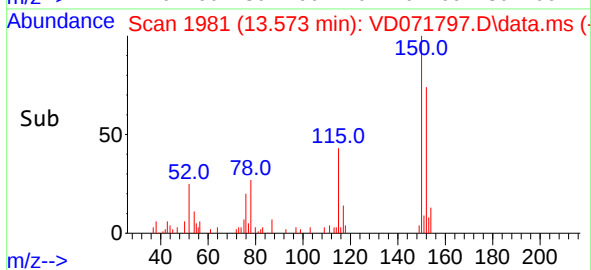
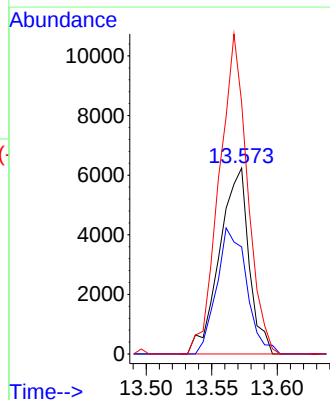
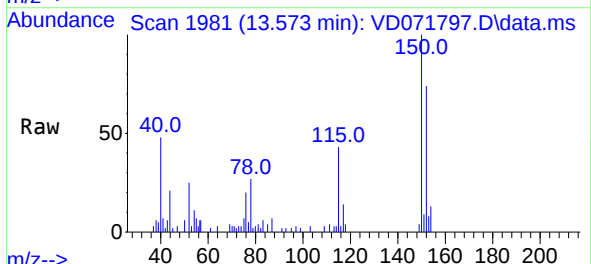
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

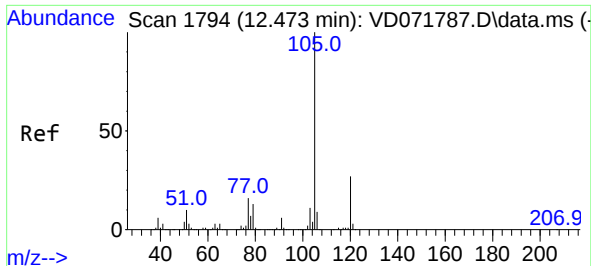
Tgt Ion:106 Resp: 551
Ion Ratio Lower Upper
106 100
91 0.0 163.7 245.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion:152 Resp: 9725
Ion Ratio Lower Upper
152 100
115 68.8 31.3 93.8
150 164.9 0.0 348.6

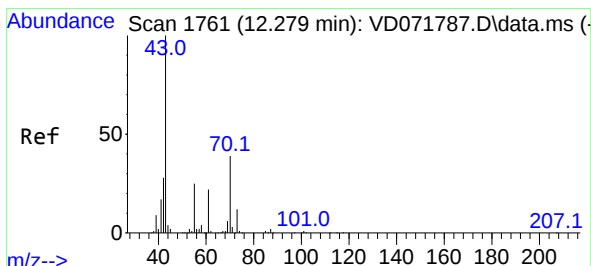
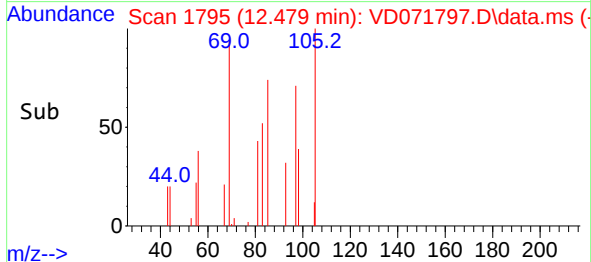
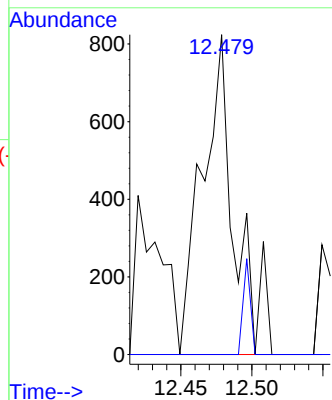
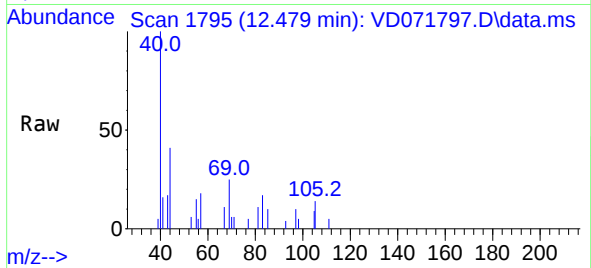




#73
Isopropylbenzene
Concen: 1.744 ug/l
RT: 12.479 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

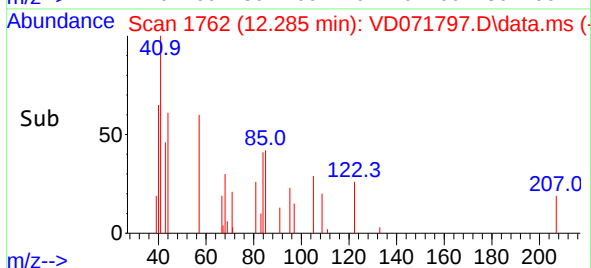
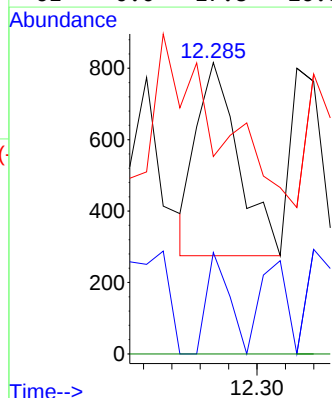
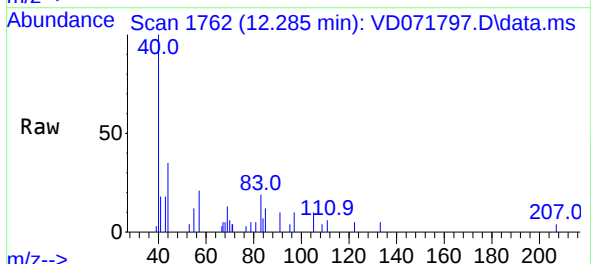
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

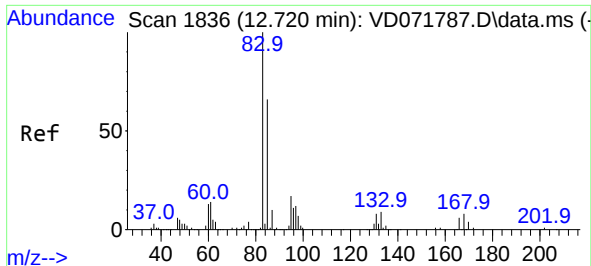
Tgt Ion:105 Resp: 1313
Ion Ratio Lower Upper
105 100
120 6.6 13.0 38.9#



#74
N-ethyl acetate
Concen: 3.002 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
70 28.2 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

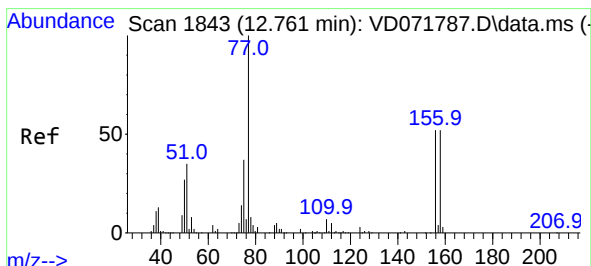
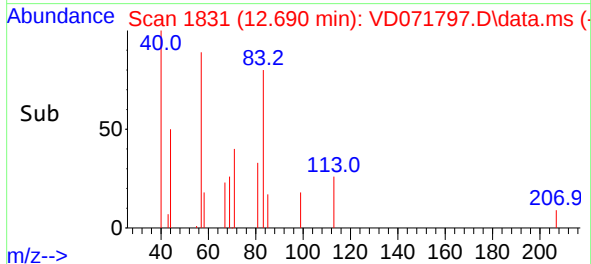
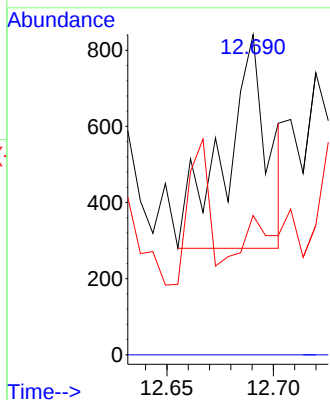
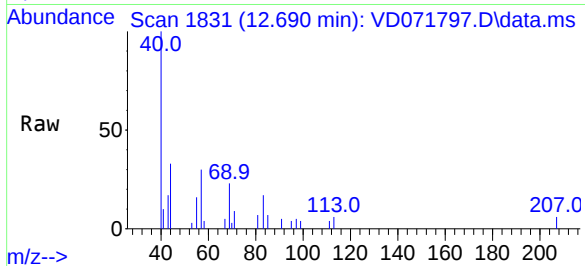




#75
1,1,2,2-Tetrachloroethane
Concen: 5.669 ug/l
RT: 12.690 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

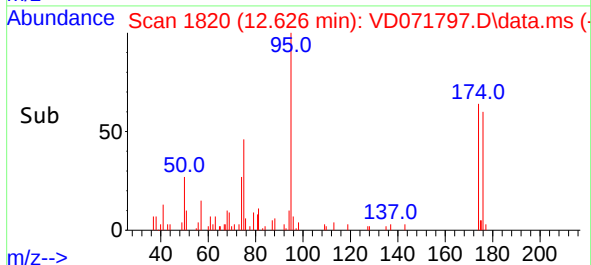
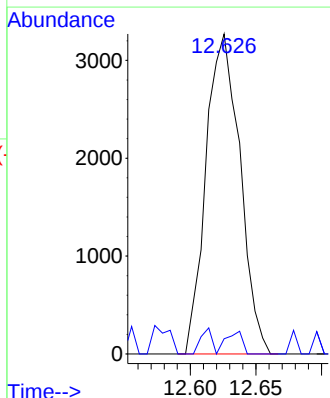
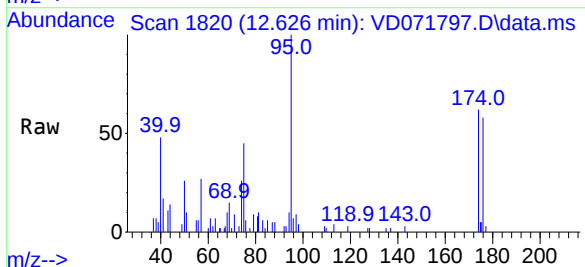
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

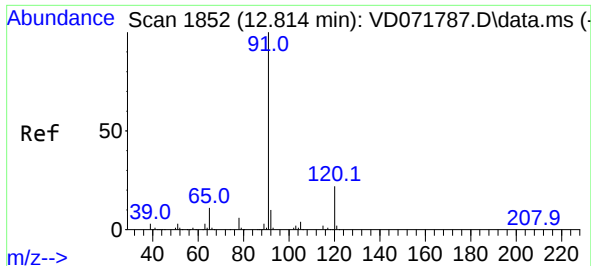
Tgt Ion: 83 Resp: 790
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 10.1 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 57.596 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 75 Resp: 5903
Ion Ratio Lower Upper
75 100
77 3.4 0.0 0.0#

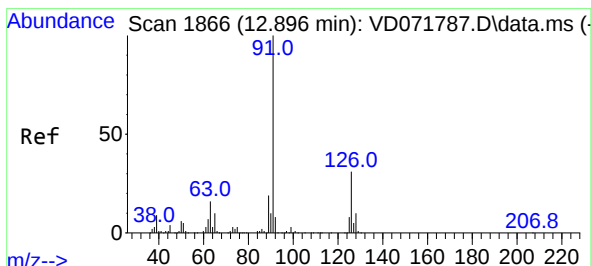
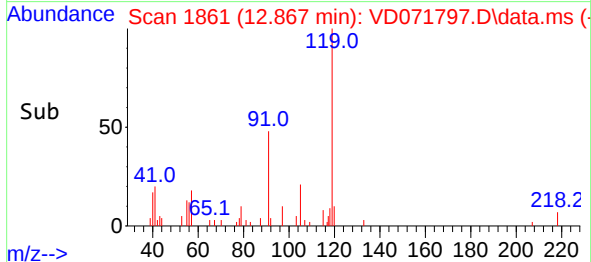
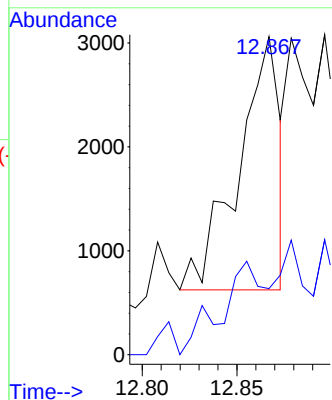
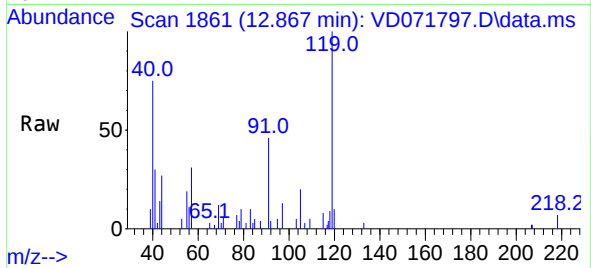




#78
n-propylbenzene
Concen: 3.930 ug/l
RT: 12.867 min Scan# 1861
Delta R.T. 0.053 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

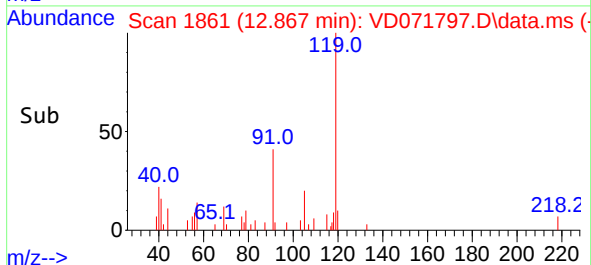
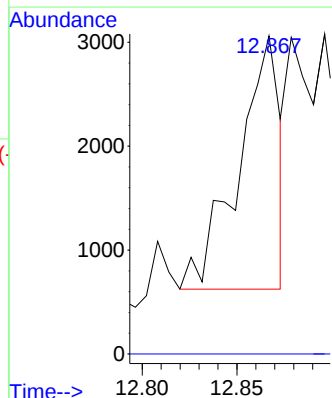
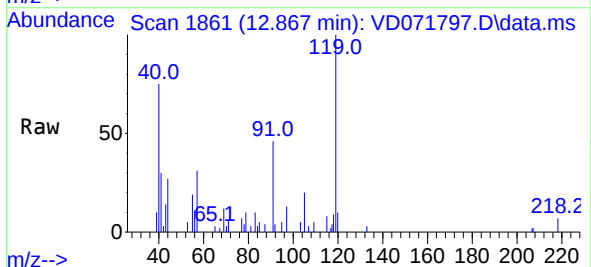
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

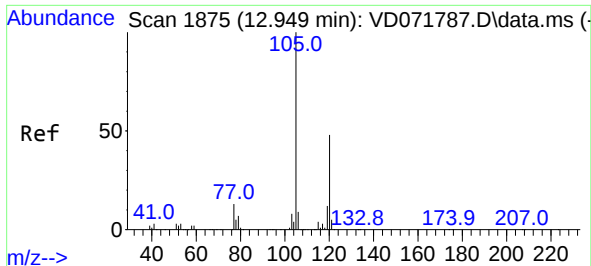
Tgt Ion: 91 Resp: 3711
Ion Ratio Lower Upper
91 100
120 17.6 10.9 32.9



#79
2-Chlorotoluene
Concen: 6.935 ug/l
RT: 12.867 min Scan# 1861
Delta R.T. -0.030 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 91 Resp: 3711
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#

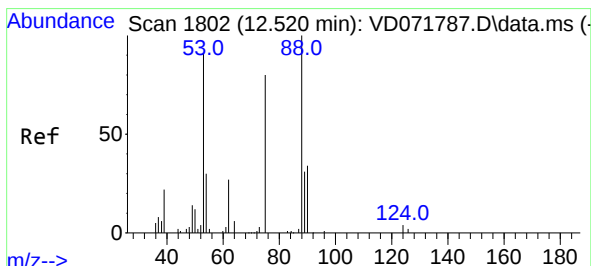
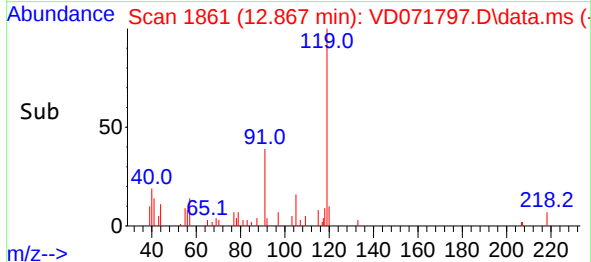
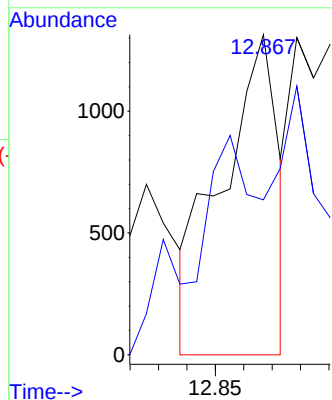
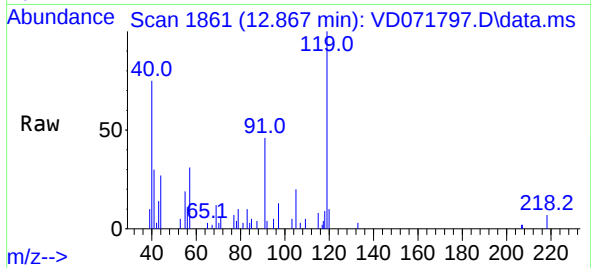




#80
1,3,5-Trimethylbenzene
Concen: 2.935 ug/l
RT: 12.867 min Scan# 1875
Delta R.T. -0.082 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

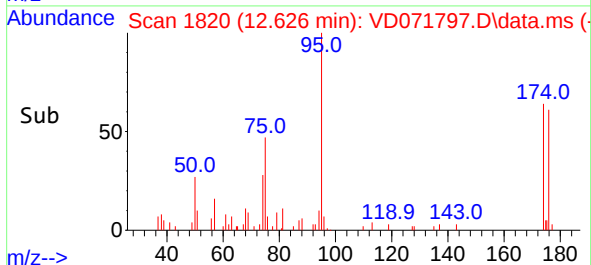
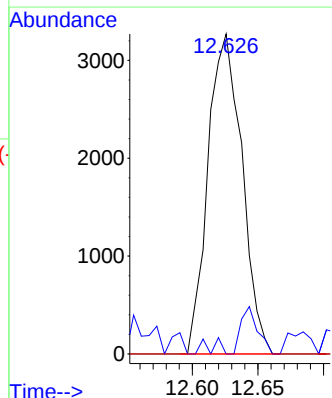
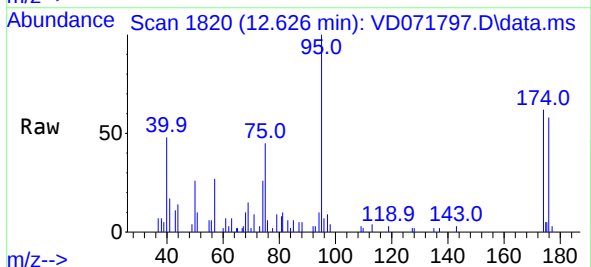
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

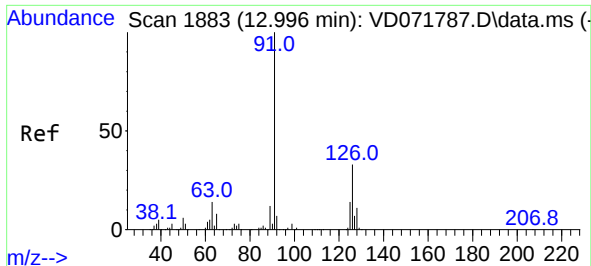
Tgt Ion:105 Resp: 1833
Ion Ratio Lower Upper
105 100
120 35.6 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 141.616 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 75 Resp: 5903
Ion Ratio Lower Upper
75 100
53 1.9 86.5 129.7#
89 0.0 33.9 50.9#

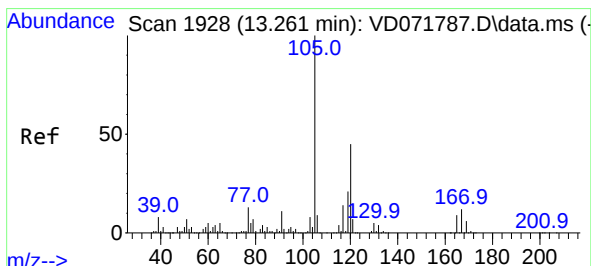
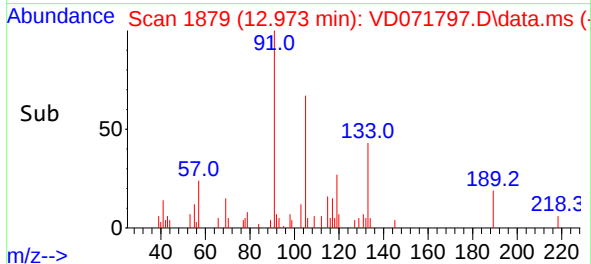
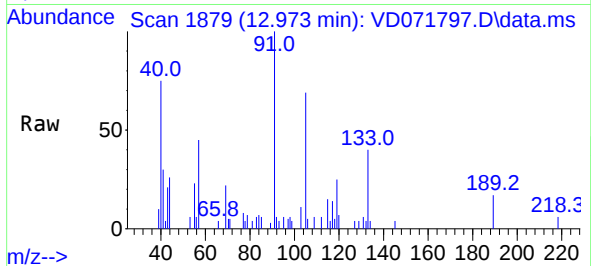




#82
4-Chlorotoluene
Concen: 34.443 ug/l
RT: 12.973 min Scan# 1879
Delta R.T. -0.024 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

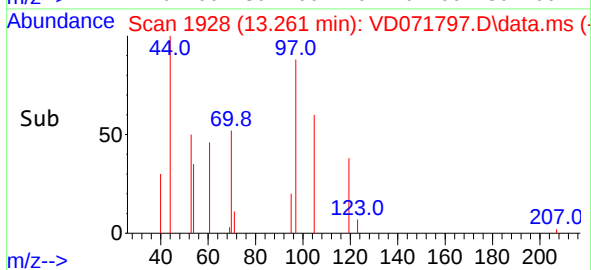
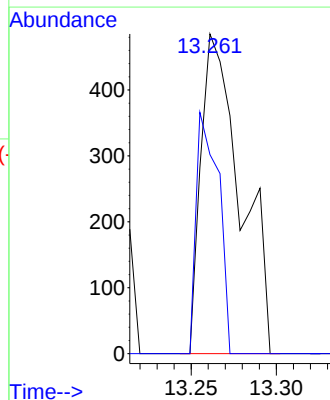
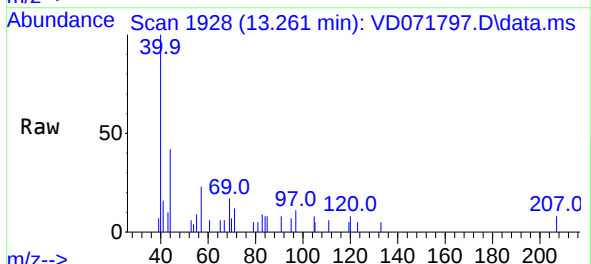
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

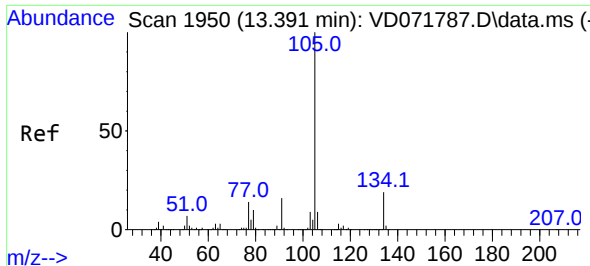
Tgt Ion: 91 Resp: 19175
Ion Ratio Lower Upper
91 100
126 0.0 16.5 49.5#



#84
1,2,4-Trimethylbenzene
Concen: 1.278 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 105 Resp: 785
Ion Ratio Lower Upper
105 100
120 42.3 22.3 66.8

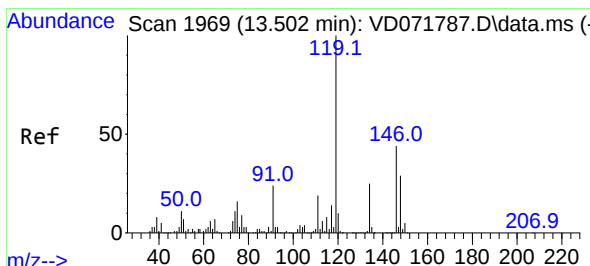
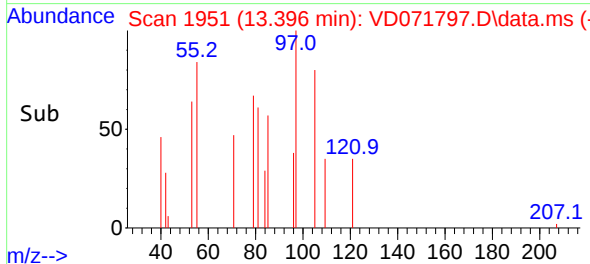
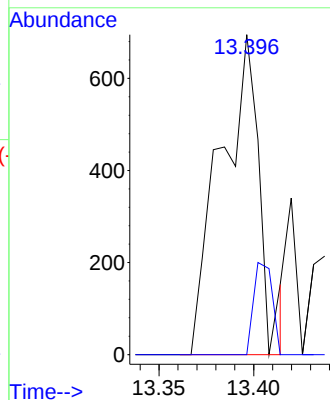
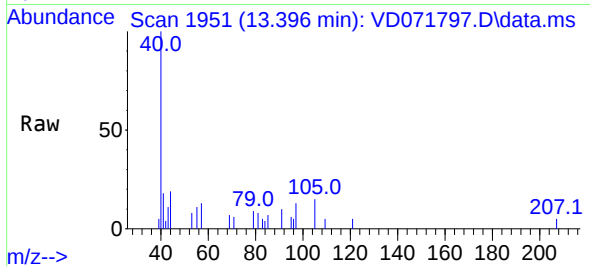




#85
 sec-Butylbenzene
 Concen: 1.232 ug/l
 RT: 13.396 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: VD071797.D
 Acq: 27 Jan 2022 13:07

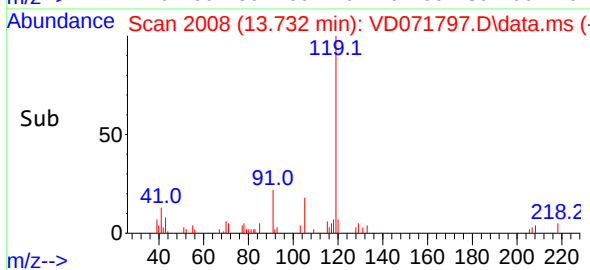
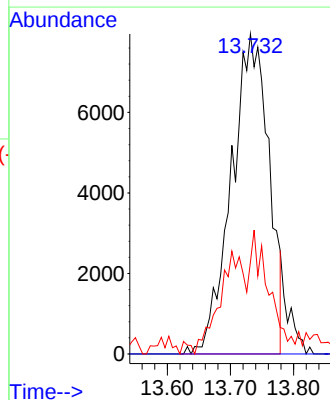
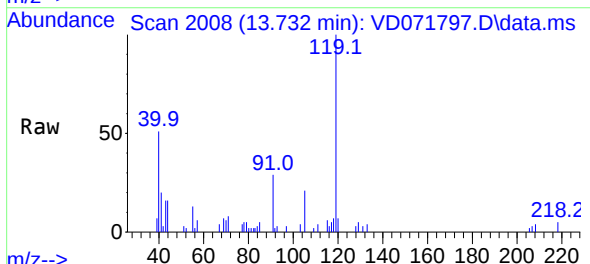
Instrument :
 MSVOA_D
 ClientSampleId :
 SP25-07-20220119-26.0-26.5

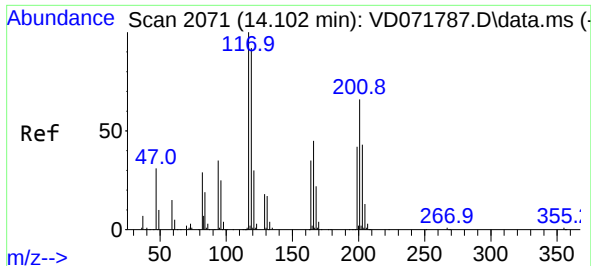
Tgt Ion:105 Resp: 998
 Ion Ratio Lower Upper
 105 100
 134 13.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 49.635 ug/l
 RT: 13.732 min Scan# 2008
 Delta R.T. 0.229 min
 Lab File: VD071797.D
 Acq: 27 Jan 2022 13:07

Tgt Ion:119 Resp: 32669
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.9 38.6#
 91 12.0 12.1 36.3#

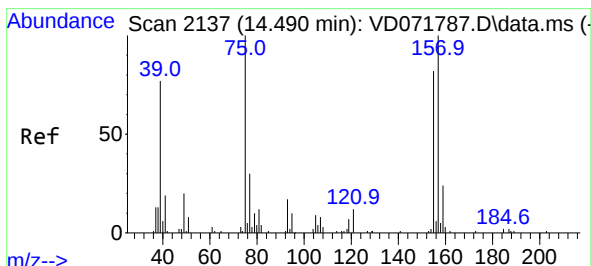
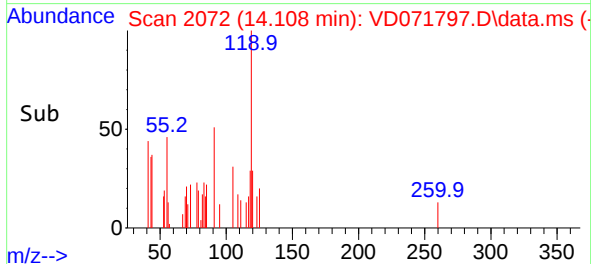
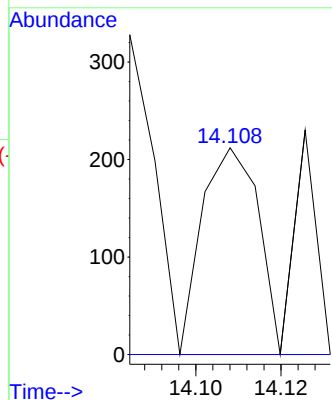
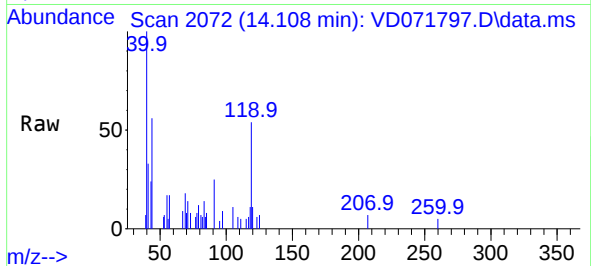




#90
Hexachloroethane
Concen: 1.490 ug/l
RT: 14.108 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

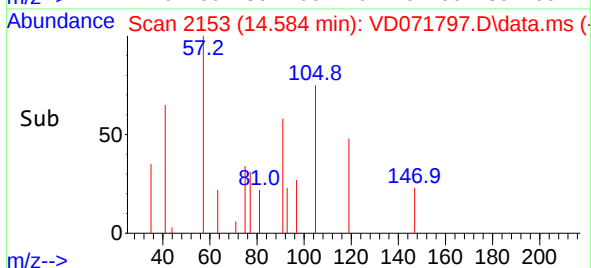
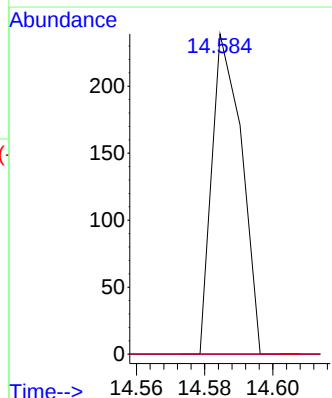
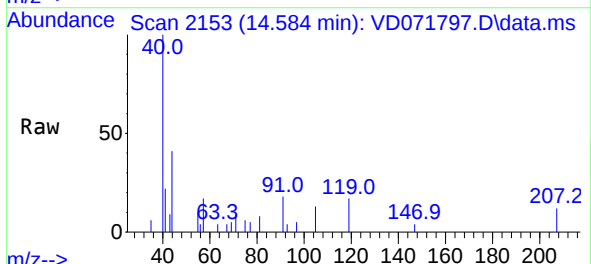
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

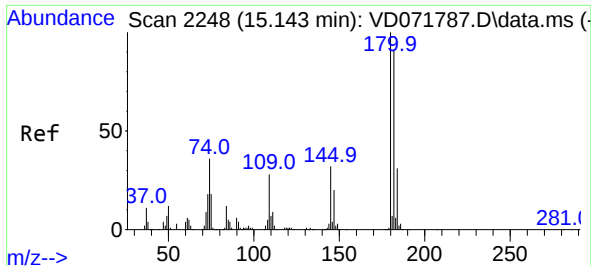
Tgt Ion:117 Resp: 195
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.283 ug/l
RT: 14.584 min Scan# 2153
Delta R.T. 0.094 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

Tgt Ion: 75 Resp: 145
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#

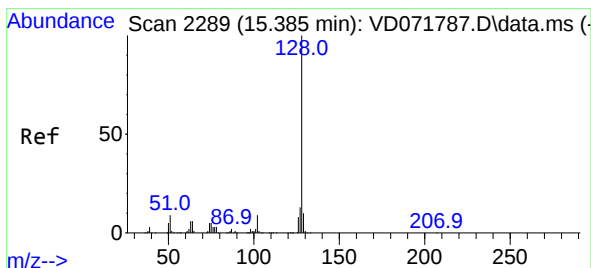
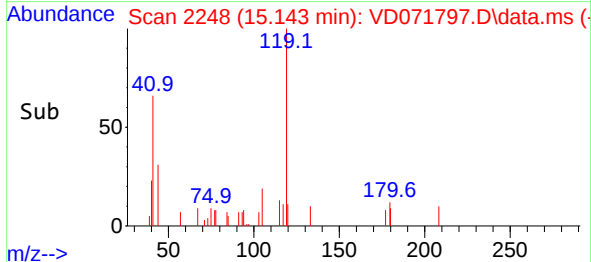
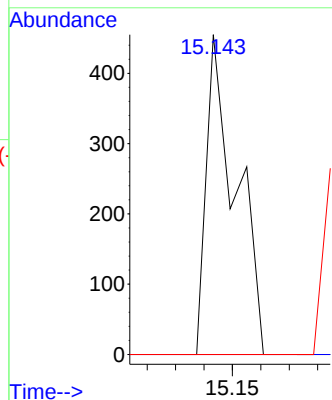
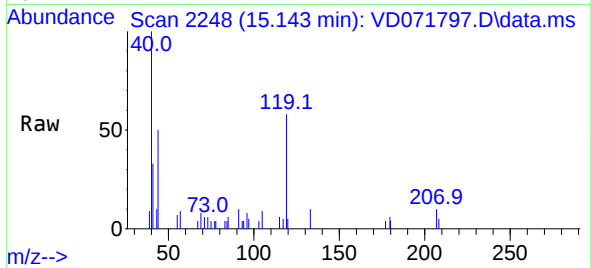




#93
1,2,4-Trichlorobenzene
Concen: 1.929 ug/l
RT: 15.143 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

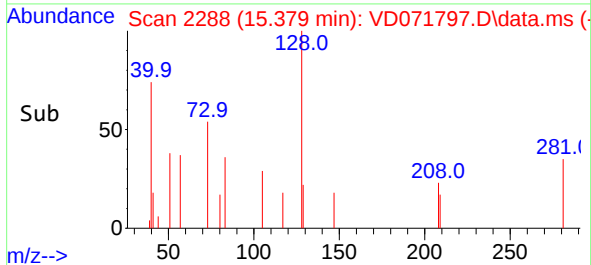
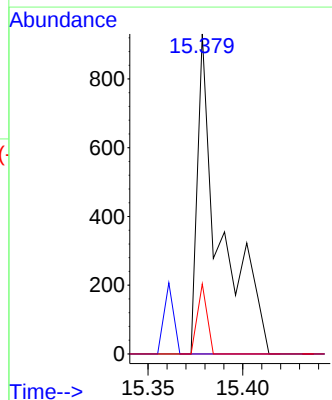
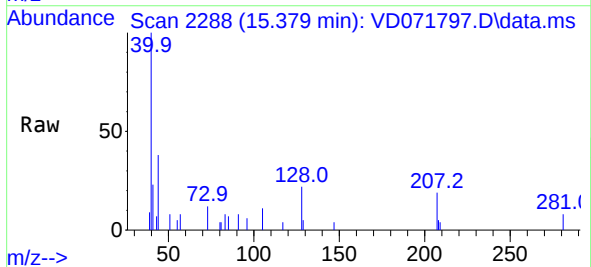
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-26.0-26.5

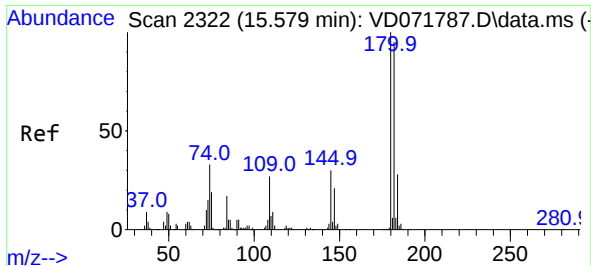
Tgt Ion:180 Resp: 328
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 0.0 16.2 48.5#



#95
Naphthalene
Concen: 3.707 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071797.D
Acq: 27 Jan 2022 13:07

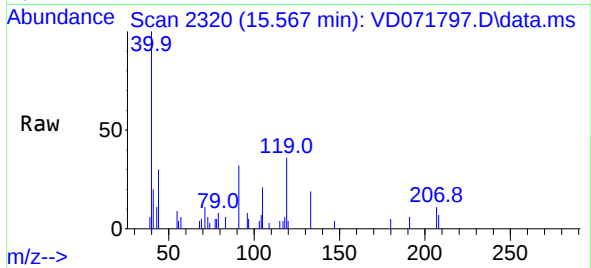
Tgt Ion:128 Resp: 784
Ion Ratio Lower Upper
128 100
127 9.3 10.3 15.5#
129 9.2 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.496 ug/l
 RT: 15.567 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD071797.D
 Acq: 27 Jan 2022 13:07

Instrument :
 MSVOA_D
 ClientSampleId :
 SP25-07-20220119-26.0-26.5



Tgt Ion:180 Resp: 218
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.6 142.9#
 145 73.4 17.1 51.3#

