

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100621\
 Data File : VD070592.D
 Acq On : 06 Oct 2021 14:35
 Operator : VA/SY
 Sample : M4060-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-100421

Quant Time: Oct 07 07:00:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

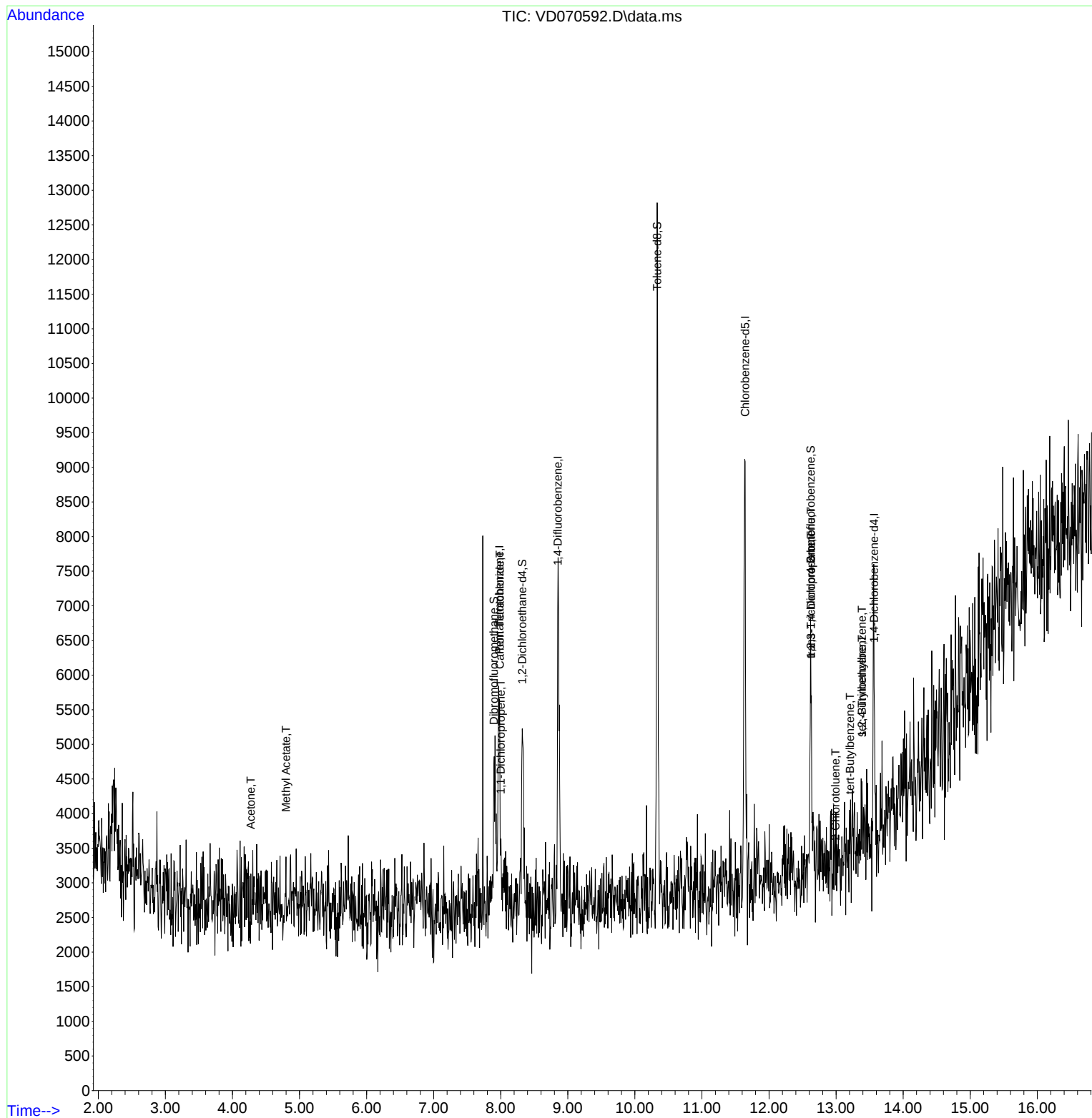
Internal Standards						
1) Pentafluorobenzene	7.979	168	3521	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.850	114	6003	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.644	117	4267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	1096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	2716	65.545	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.080%	
35) Dibromofluoromethane	7.897	113	2164	54.220	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.440%	
50) Toluene-d8	10.332	98	6318	41.409	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.820%	
62) 4-Bromofluorobenzene	12.620	95	1690	33.141	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 66.280%	
Target Compounds						
						Qvalue
16) Acetone	4.273	43	62	8.811	ug/l	# 40
18) Methyl Acetate	4.797	43	107	3.941	ug/l	# 47
20) Methylene Chloride	4.950	84	60	Below Cal	#	9
36) 1,1-Dichloropropene	8.003	75	67	1.051	ug/l	# 42
38) Carbon Tetrachloride	7.985	117	70	1.049	ug/l	# 12
76) 1,2,3-Trichloropropane	12.626	75	920	92.742	ug/l	# 100
79) 2-Chlorotoluene	12.991	91	61	1.028	ug/l	# 42
81) trans-1,4-Dichloro-2-b...	12.626	75	920	205.903	ug/l	# 17
83) tert-Butylbenzene	13.208	119	79	1.403	ug/l	# 26
84) 1,2,4-Trimethylbenzene	13.385	105	151	2.227	ug/l	# 32
85) sec-Butylbenzene	13.385	105	151	1.729	ug/l	# 58

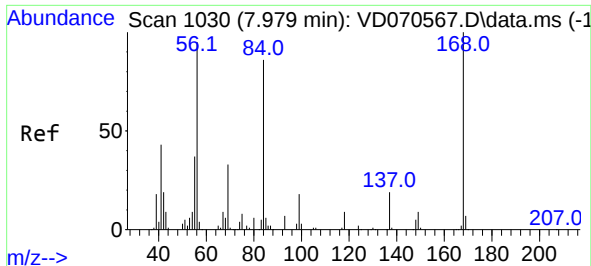
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
TR-05-100421

Quant Time: Oct 07 07:00:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

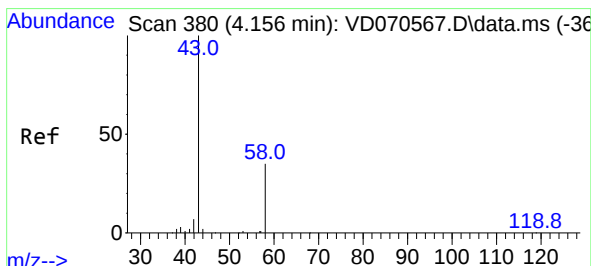
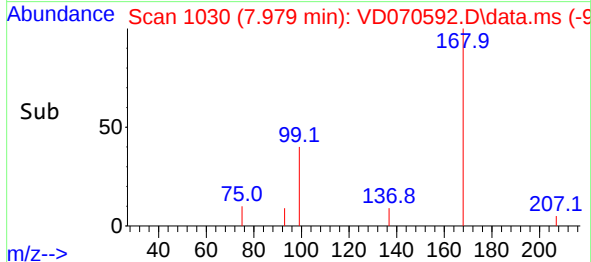
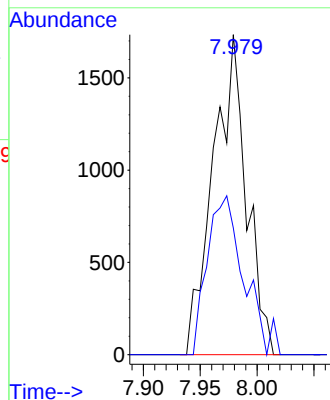
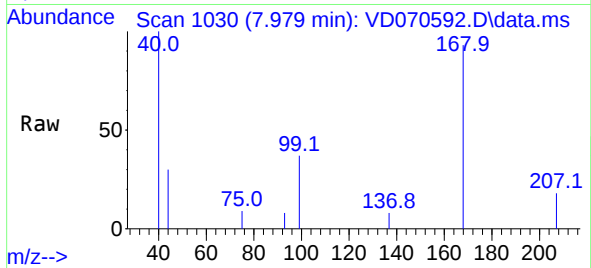




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

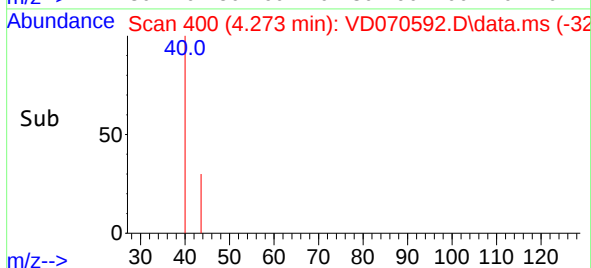
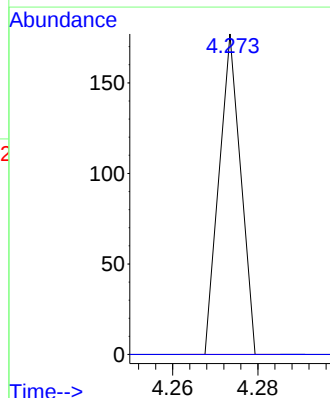
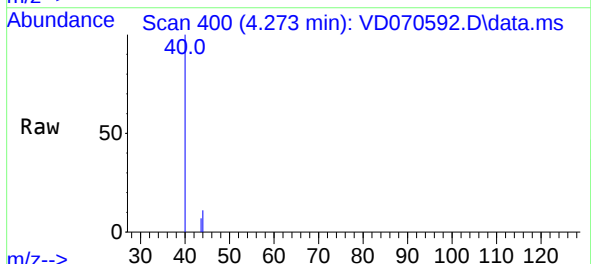
Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

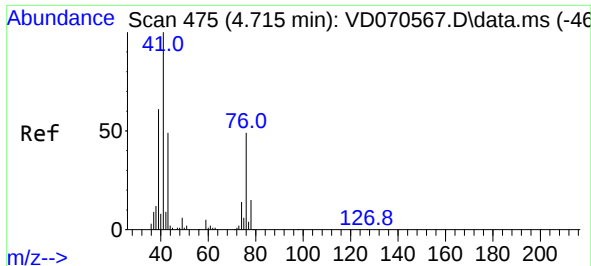
Tgt Ion:168 Resp: 3521
Ion Ratio Lower Upper
168 100
99 39.6 51.4 77.0#



#16
Acetone
Concen: 8.811 ug/l
RT: 4.273 min Scan# 400
Delta R.T. 0.118 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#

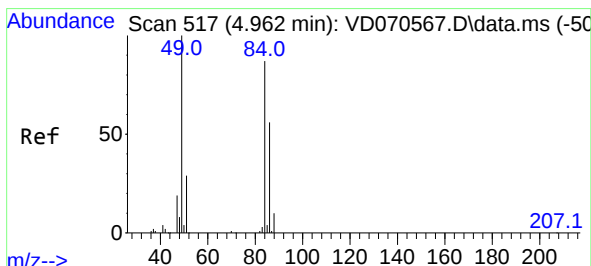
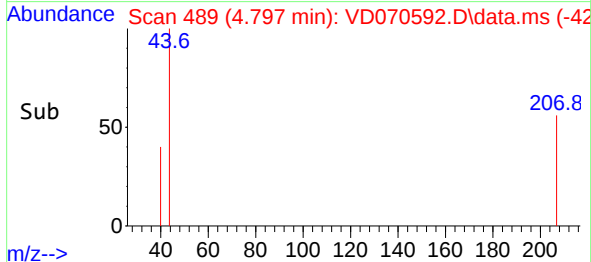
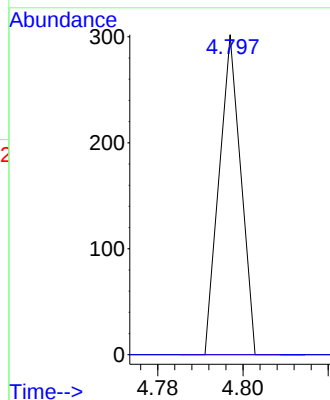
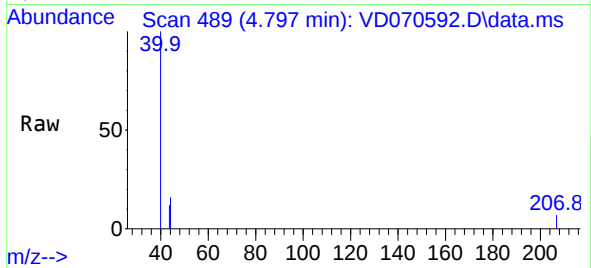




#18
Methyl Acetate
Concen: 3.941 ug/l
RT: 4.797 min Scan# 489
Delta R.T. 0.082 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

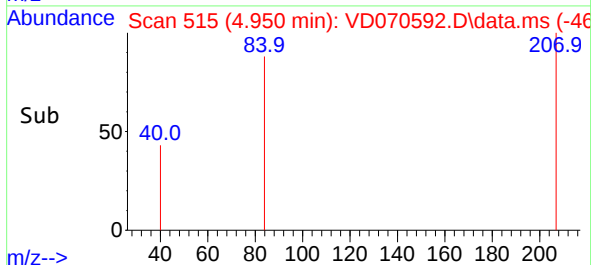
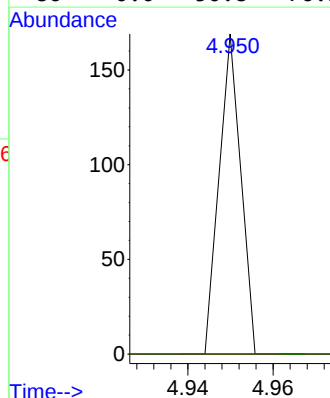
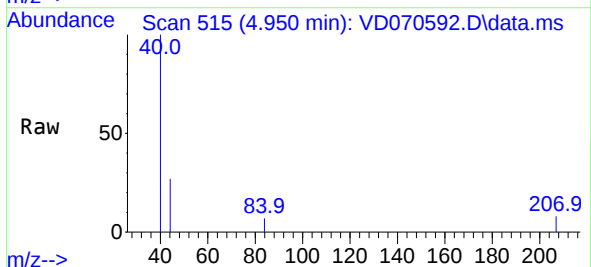
Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

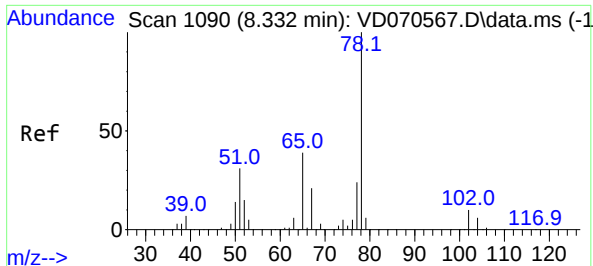
Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
74 0.0 22.6 33.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Tgt Ion: 84 Resp: 60
Ion Ratio Lower Upper
84 100
49 0.0 91.4 137.2#
51 0.0 26.7 40.1#
86 0.0 50.8 76.2#

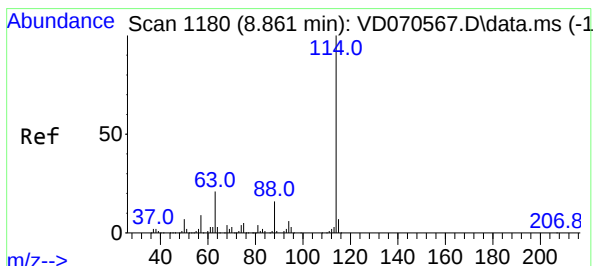
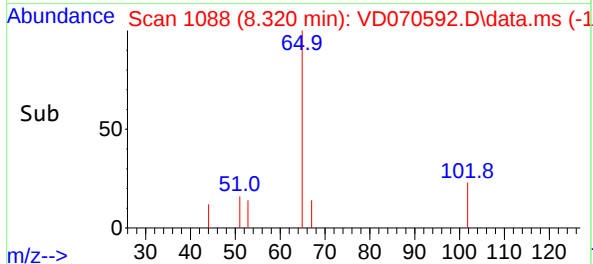
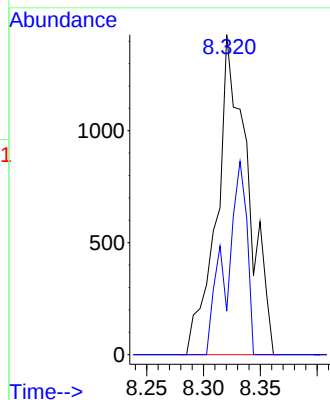
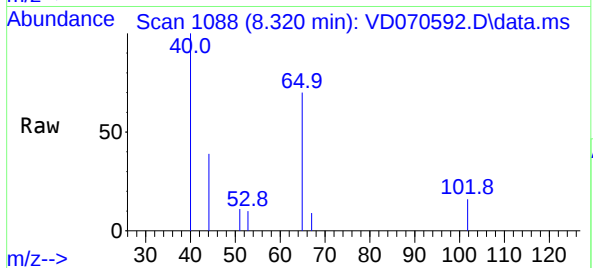




#33
1,2-Dichloroethane-d4
Concen: 65.545 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

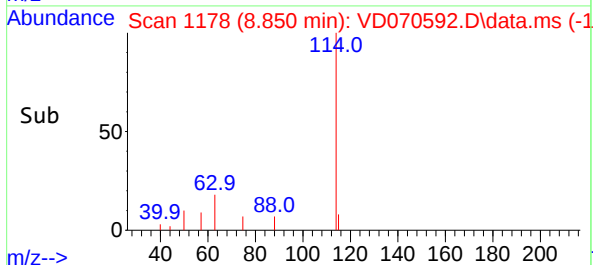
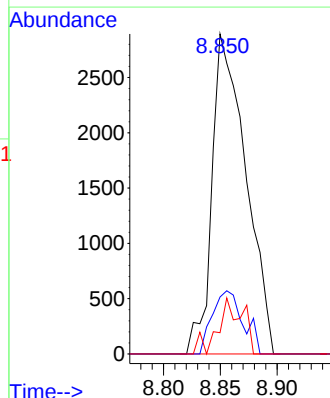
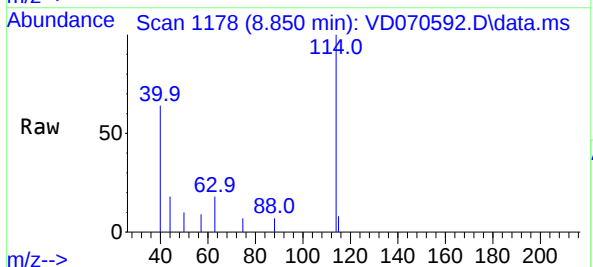
Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

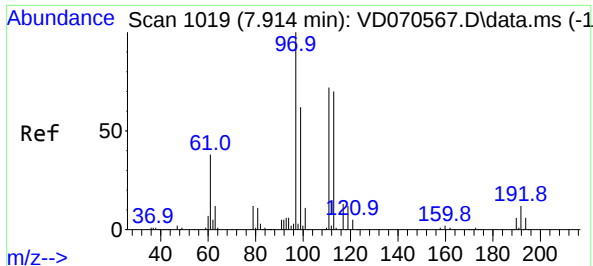
Tgt Ion: 65 Resp: 2716
Ion Ratio Lower Upper
65 100
67 39.8 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.850 min Scan# 1178
Delta R.T. -0.012 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Tgt Ion: 114 Resp: 6003
Ion Ratio Lower Upper
114 100
63 17.8 0.0 41.8
88 6.6 0.0 32.6

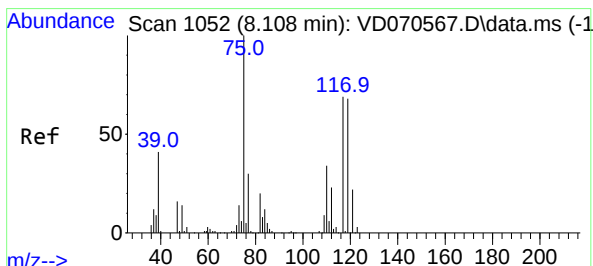
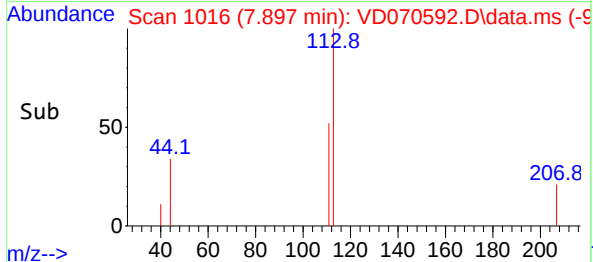
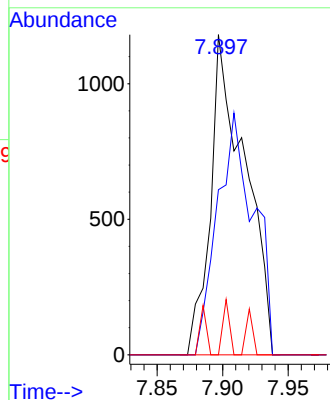
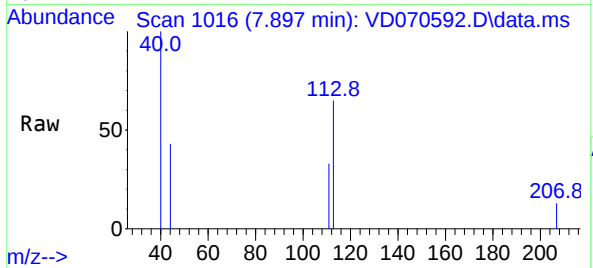




#35
Dibromofluoromethane
Concen: 54.220 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.018 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

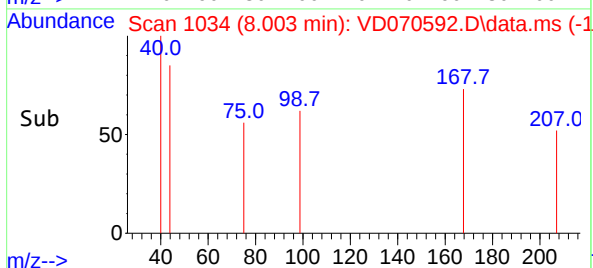
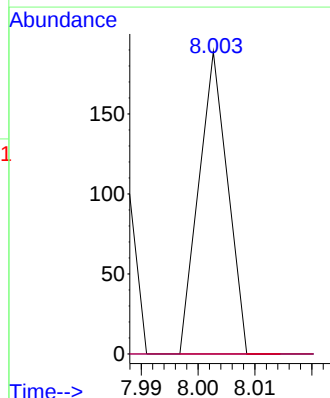
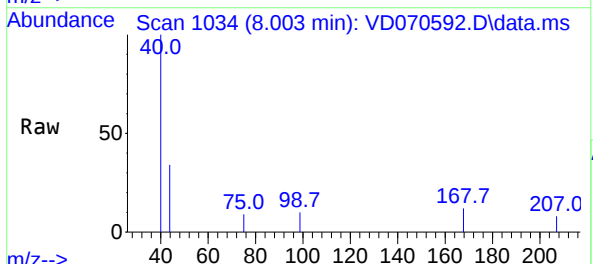
Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

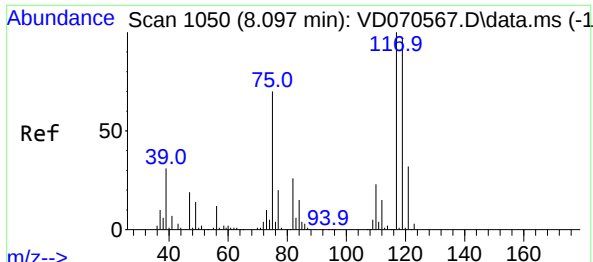
Tgt Ion:113 Resp: 2164
Ion Ratio Lower Upper
113 100
111 79.2 83.1 124.7#
192 3.3 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 1.051 ug/l
RT: 8.003 min Scan# 1034
Delta R.T. -0.106 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.6#
77 0.0 24.2 36.4#

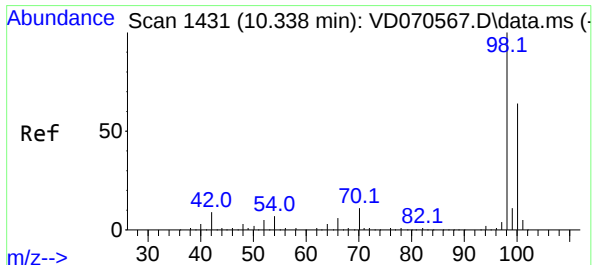
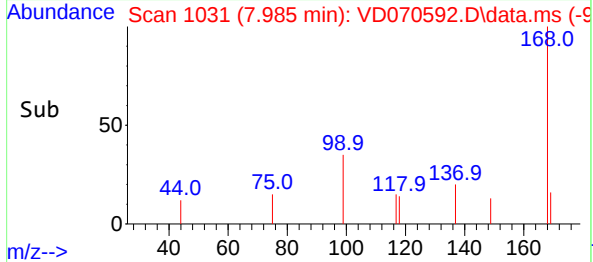
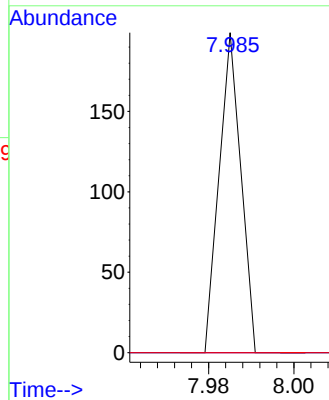
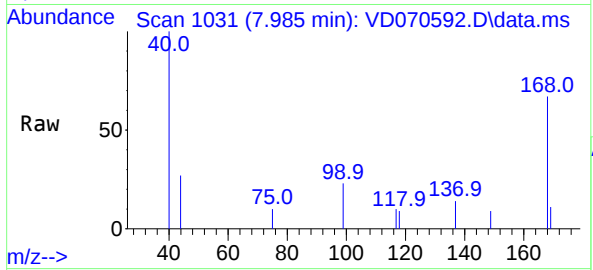




#38
Carbon Tetrachloride
Concen: 1.049 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

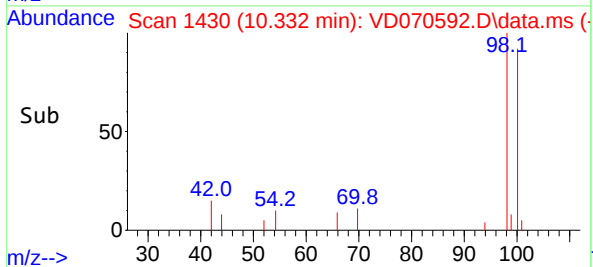
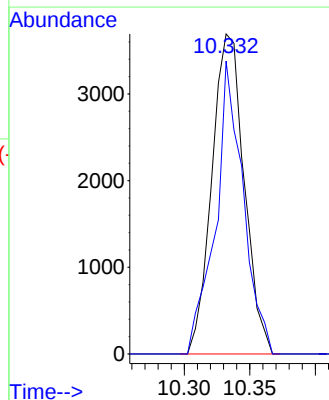
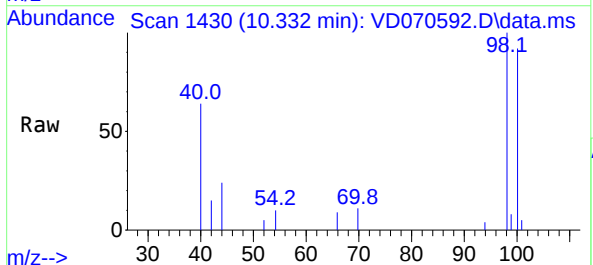
Instrument :
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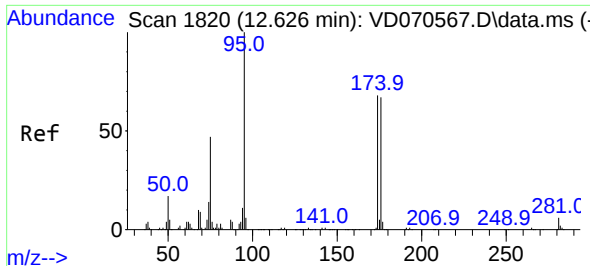
Tgt Ion:117 Resp: 70
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 41.409 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Tgt Ion: 98 Resp: 6318
Ion Ratio Lower Upper
98 100
100 78.7 52.2 78.4#



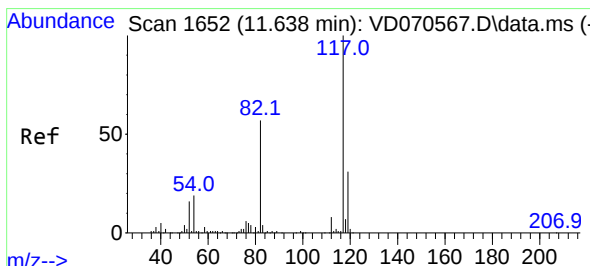
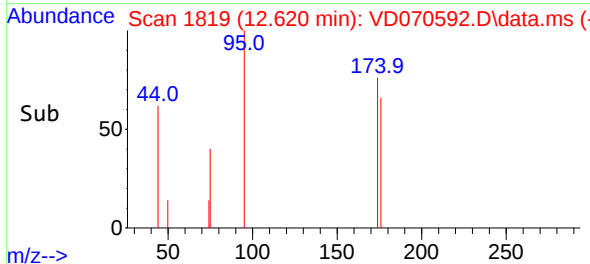
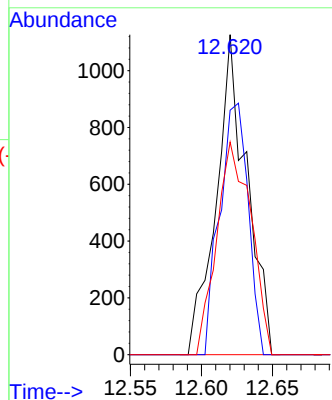
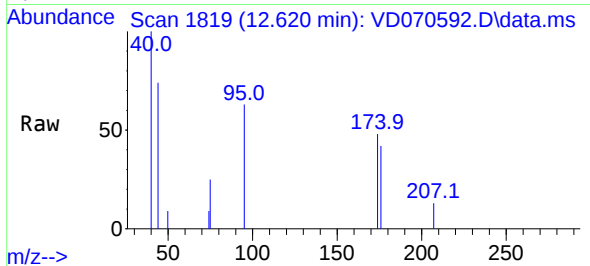


#62
4-Bromofluorobenzene
Concen: 33.141 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

Tgt Ion: 95 Resp: 1690

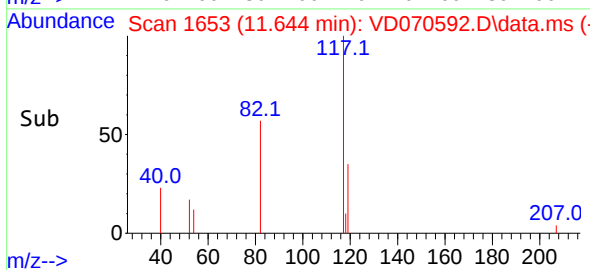
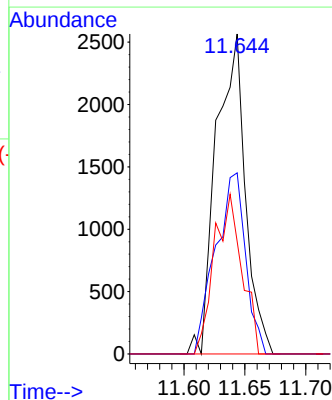
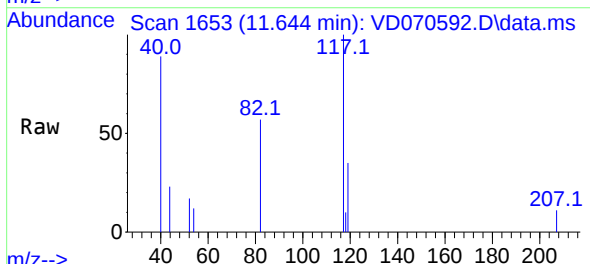
Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	138.0
176	74.6	0.0	135.6

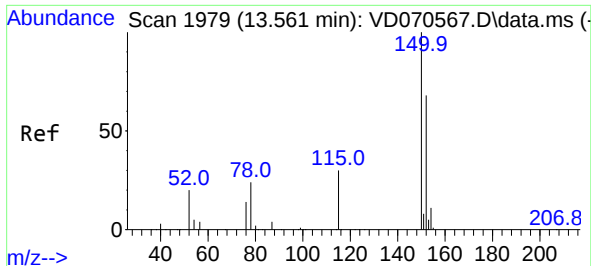


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Tgt Ion: 117 Resp: 4267

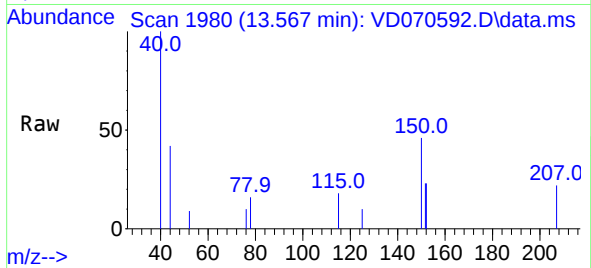
Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.4	68.2
119	35.2	24.7	37.1



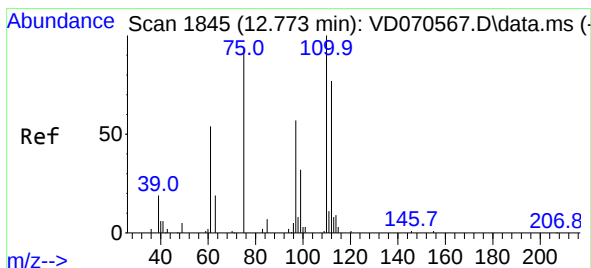
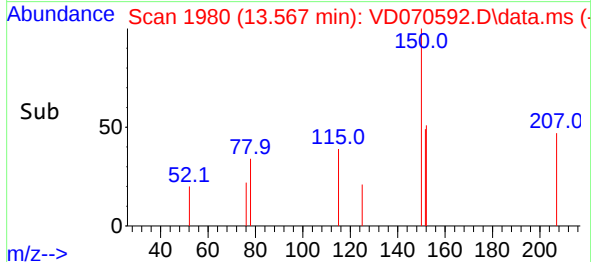
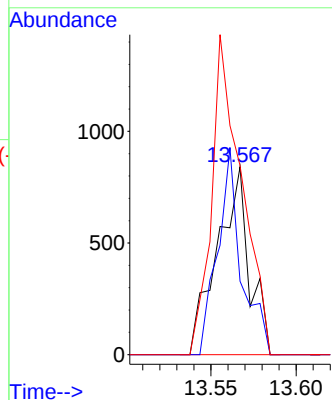


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Instrument :
MSVOA_D
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TR-05-100421

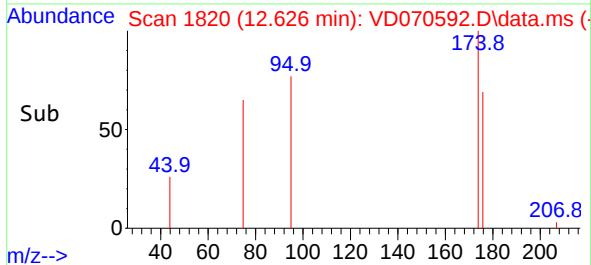
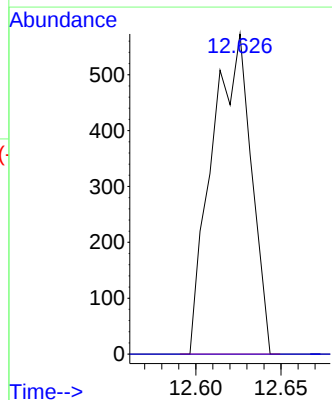
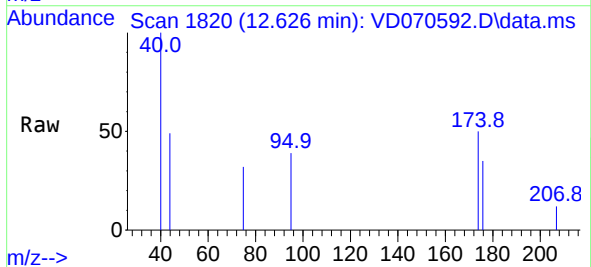


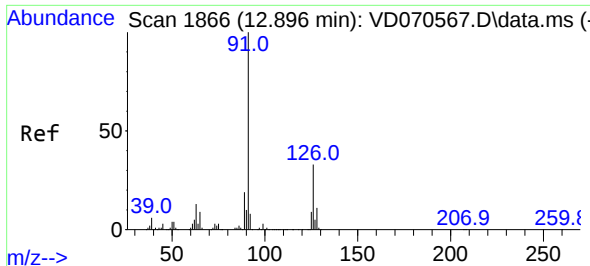
Tgt Ion:152 Resp: 1096
Ion Ratio Lower Upper
152 100
115 81.5 31.9 95.7
150 159.4 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 92.742 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

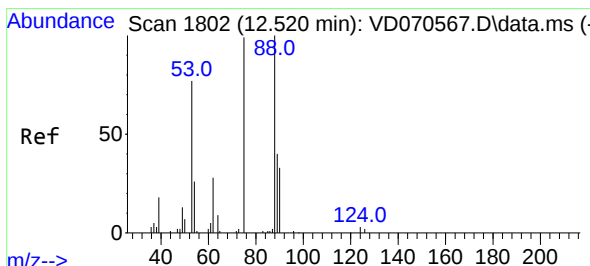
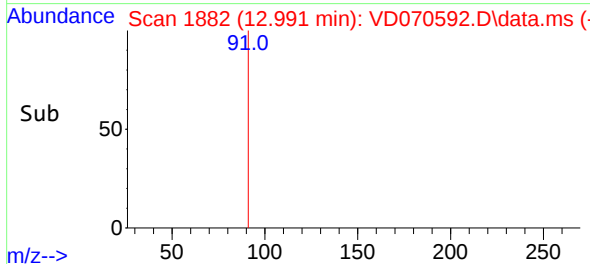
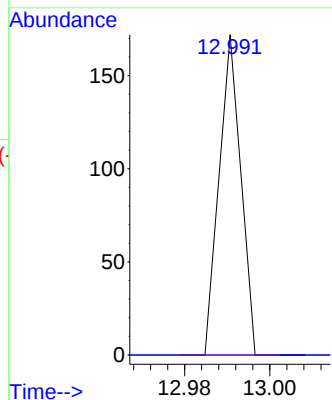
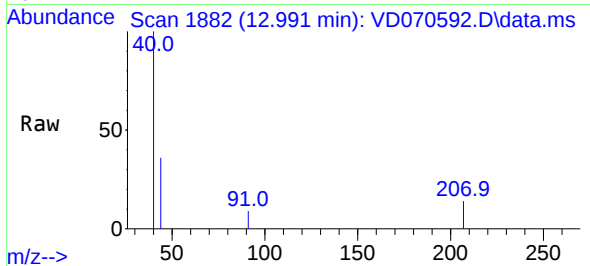




#79
2-Chlorotoluene
Concen: 1.028 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.094 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

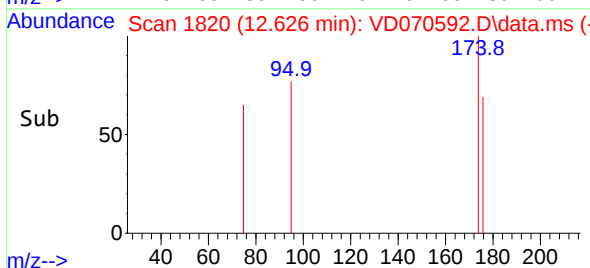
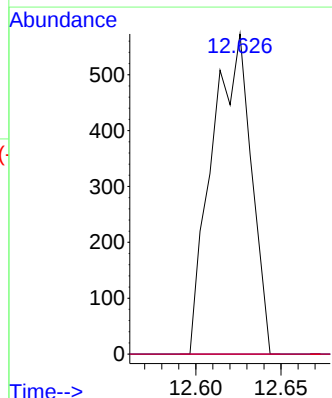
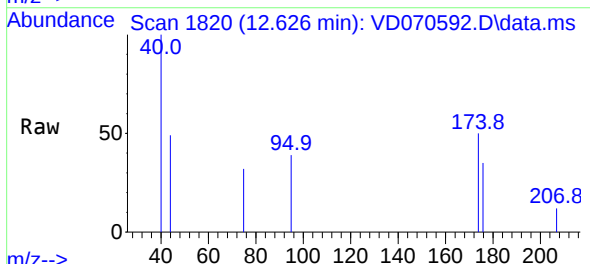
Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

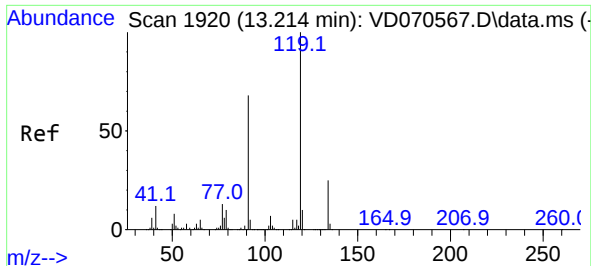
Tgt Ion: 91 Resp: 61
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 205.903 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#

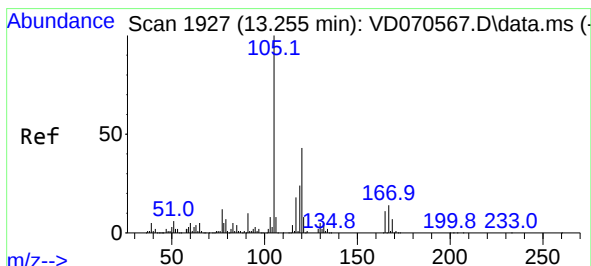
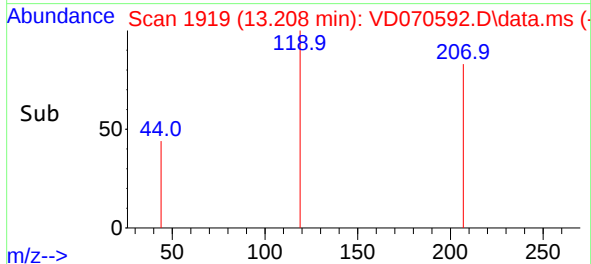
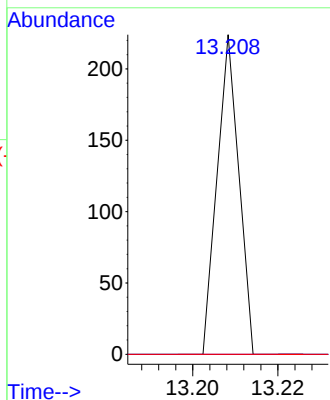
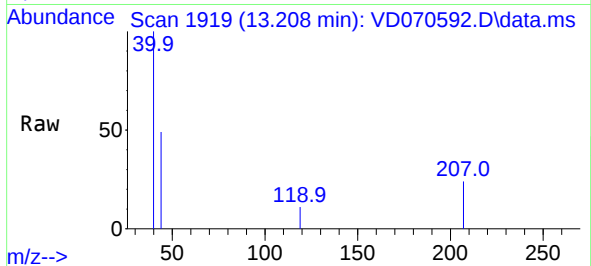




#83
tert-Butylbenzene
Concen: 1.403 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

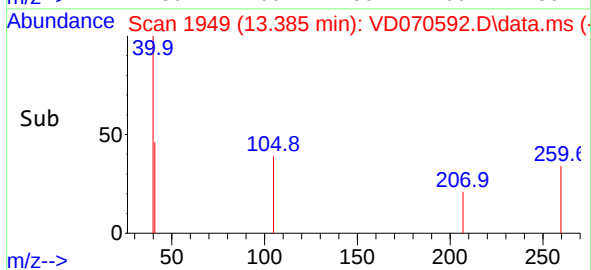
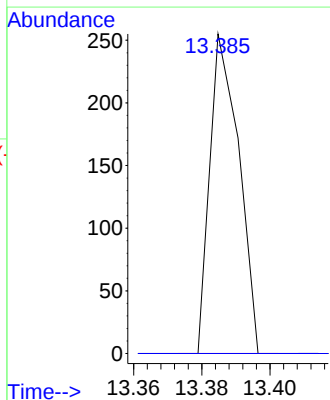
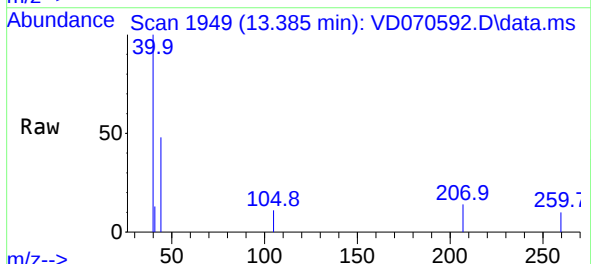
Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

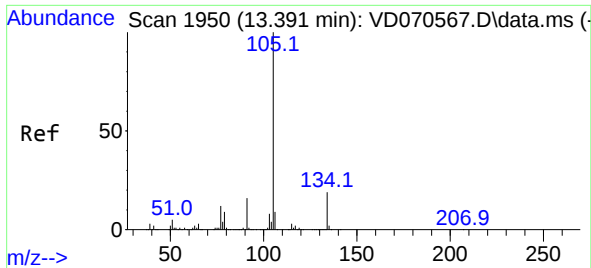
Tgt Ion:	119	Resp:	79
Ion	Ratio	Lower	Upper
119	100		
91	0.0	33.1	99.3#
134	0.0	13.2	39.5#



#84
1,2,4-Trimethylbenzene
Concen: 2.227 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. 0.129 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Tgt Ion:	105	Resp:	151
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.9	65.8#





#85
sec-Butylbenzene
Concen: 1.729 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VD070592.D
Acq: 06 Oct 2021 14:35

Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

Tgt Ion:105 Resp: 151
Ion Ratio Lower Upper
105 100
134 0.0 9.3 28.0#

