

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068761.D
 Acq On : 01 Apr 2021 16:28
 Operator : VA/SY
 Sample : M1888-04
 Misc : 6.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3D-(4-10)

Quant Time: Apr 02 01:05:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

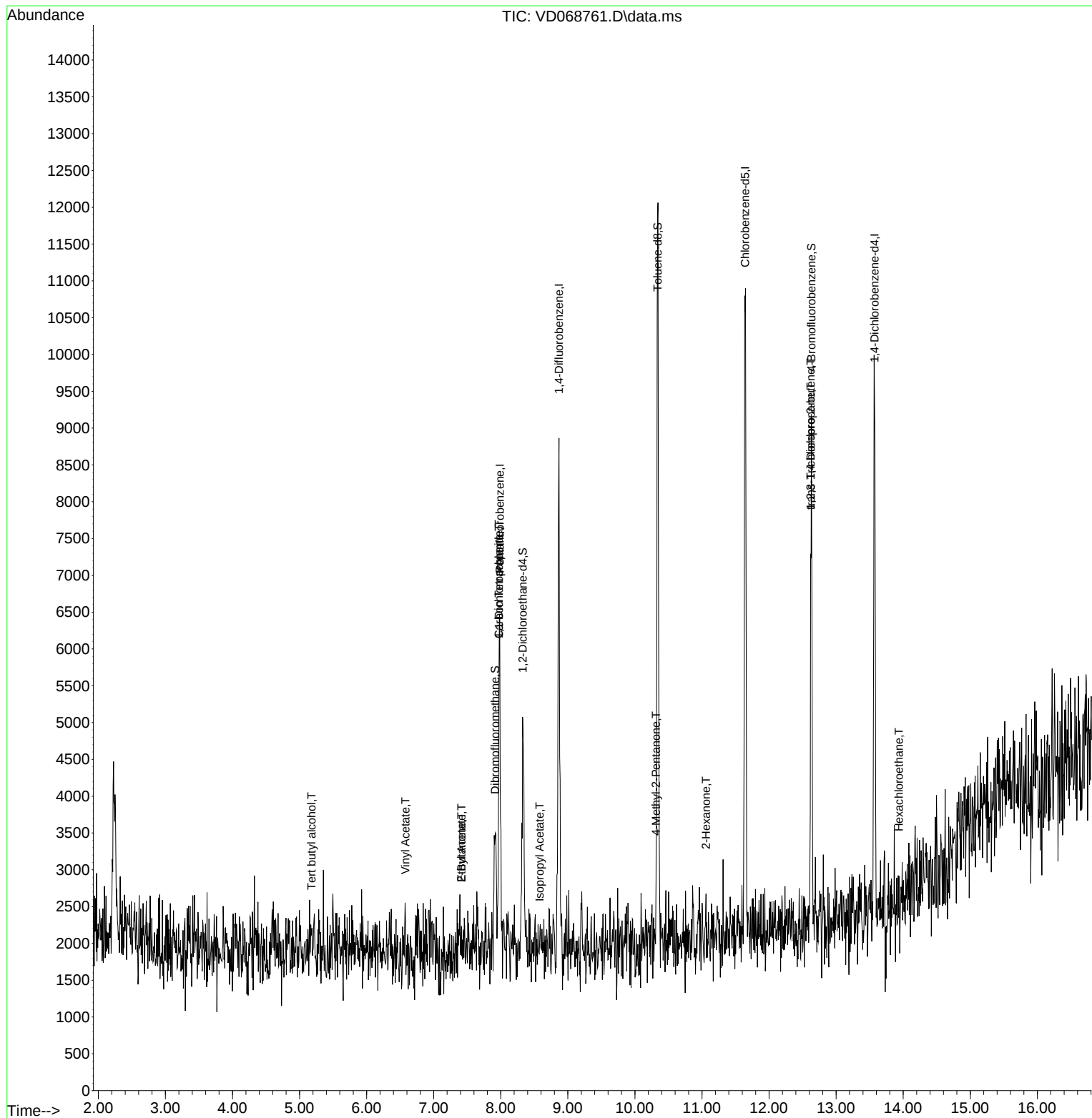
Internal Standards						
1) Pentafluorobenzene	7.985	168	3672	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	6427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	6106	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	2379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2548	68.81	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	137.62%	
35) Dibromofluoromethane	7.914	113	1607	40.19	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	80.38%	
50) Toluene-d8	10.338	98	7048	45.72	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	91.44%	
62) 4-Bromofluorobenzene	12.632	95	2466	49.33	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	98.66%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.179	59	56	32.82	ug/l	# 73
20) Methylene Chloride	4.956	84	70	Below	Cal	# 43
23) Vinyl Acetate	6.579	43	55	1.16	ug/l	# 66
25) 2-Butanone	7.414	43	82	11.02	ug/l	# 39
36) 1,1-Dichloropropene	7.973	75	123	2.14	ug/l	# 41
37) Ethyl Acetate	7.414	43	82	4.53	ug/l	# 64
38) Carbon Tetrachloride	7.973	117	474	8.27	ug/l	# 12
43) Isopropyl Acetate	8.579	43	77	2.22	ug/l	# 45
51) 4-Methyl-2-Pentanone	10.314	43	56	3.10	ug/l	# 30
59) 2-Hexanone	11.061	43	66	5.43	ug/l	# 19
76) 1,2,3-Trichloropropane	12.620	75	1273	64.29	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	1273	146.27	ug/l	# 16
90) Hexachloroethane	13.937	117	80	2.98	ug/l	# 14

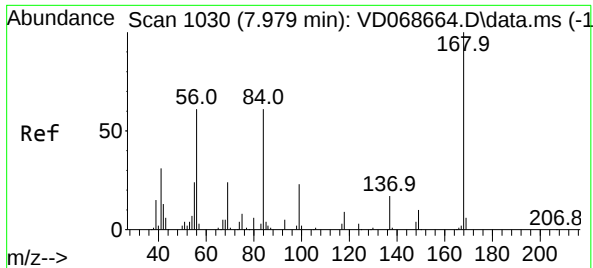
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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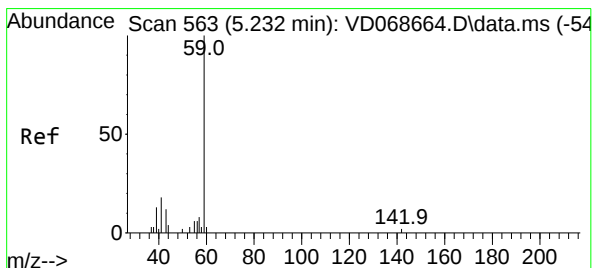
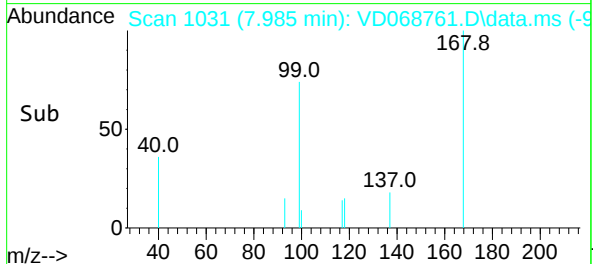
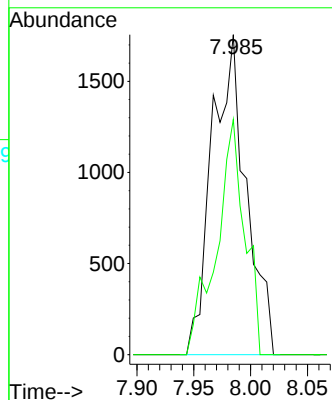
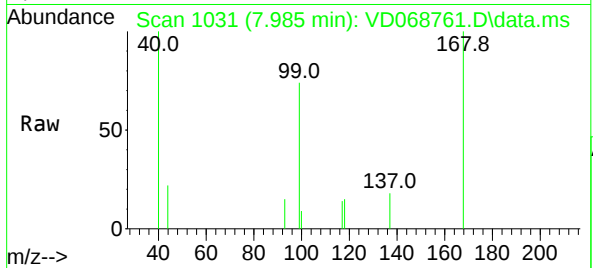




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

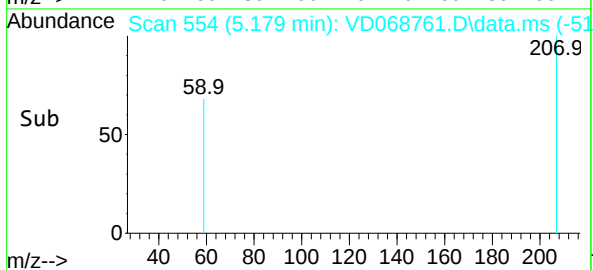
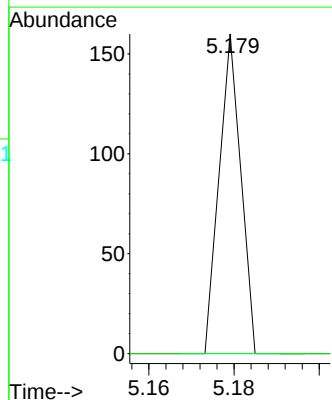
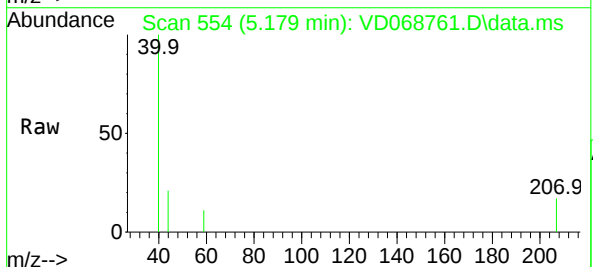
Instrument :
MSVOA_D
ClientSampleId :
TP-3D-(4-10)

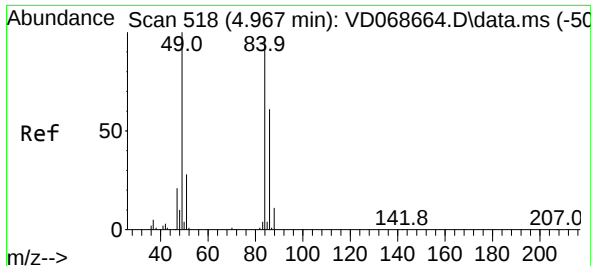
Tgt Ion:168 Resp: 3672
Ion Ratio Lower Upper
168 100
99 73.5 46.2 69.2#



#11
Tert butyl alcohol
Concen: 32.82 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.053 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

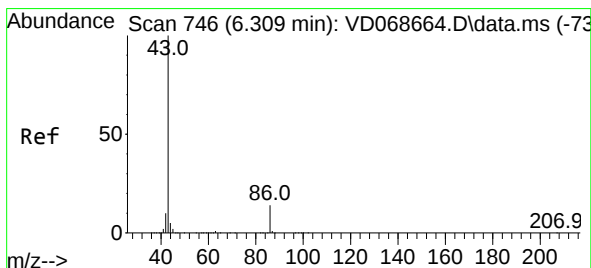
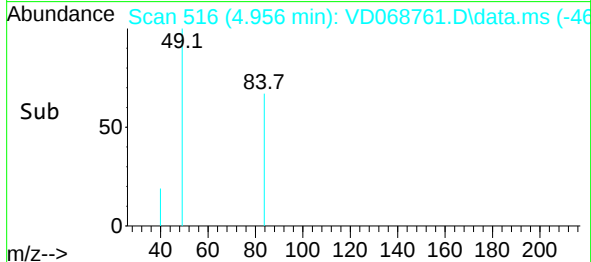
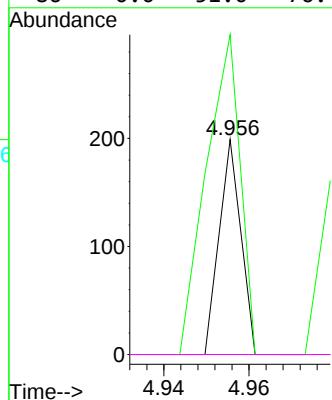
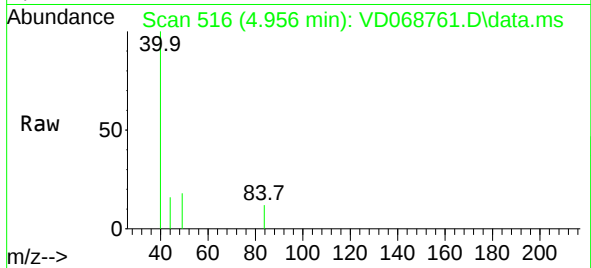




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

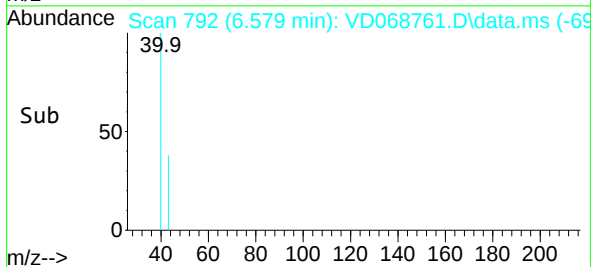
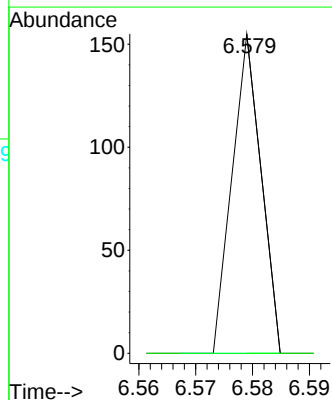
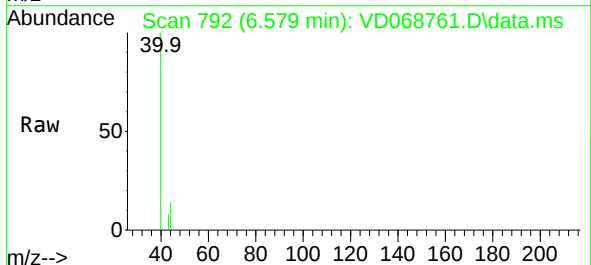
Instrument :
MSVOA_D
ClientSampleId :
TP-3D-(4-10)

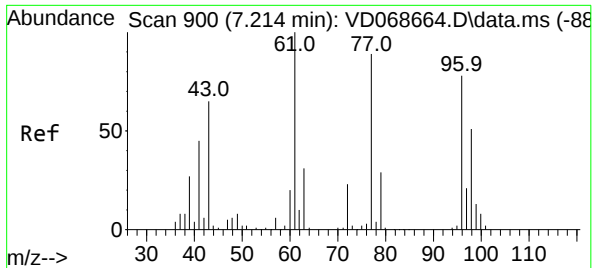
Tgt Ion:	84	Resp:	70
Ion	Ratio	Lower	Upper
84	100		
49	148.7	83.4	125.0#
51	0.0	23.4	35.2#
86	0.0	51.0	76.4#



#23
Vinyl Acetate
Concen: 1.16 ug/l
RT: 6.579 min Scan# 792
Delta R.T. 0.270 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

Tgt Ion:	43	Resp:	55
Ion	Ratio	Lower	Upper
43	100		
86	0.0	11.0	16.6#

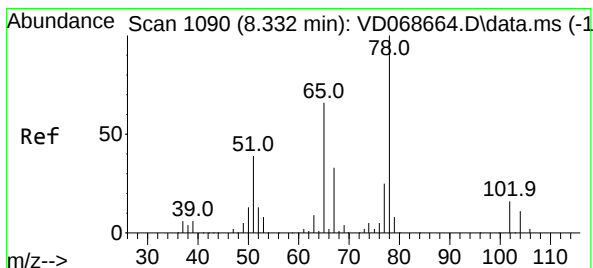
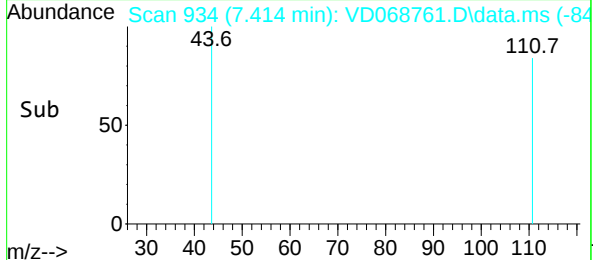
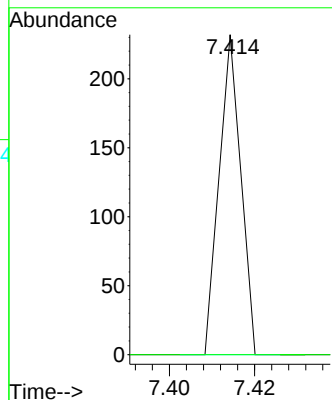
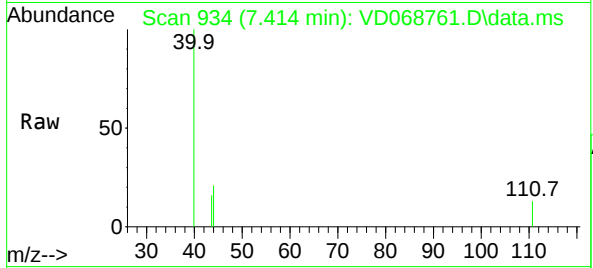




#25
2-Butanone
Concen: 11.02 ug/l
RT: 7.414 min Scan# 934
Delta R.T. 0.200 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

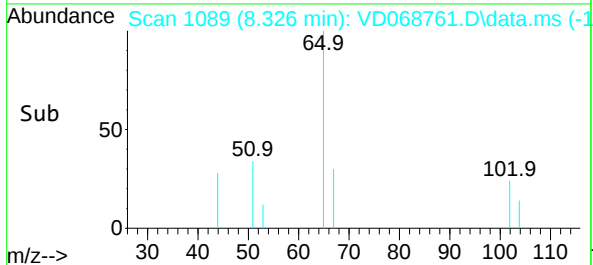
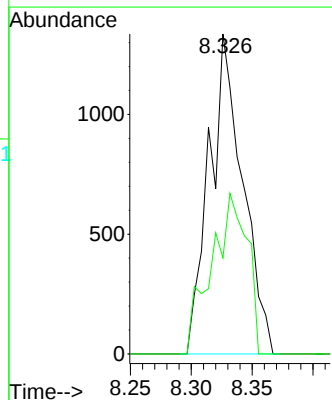
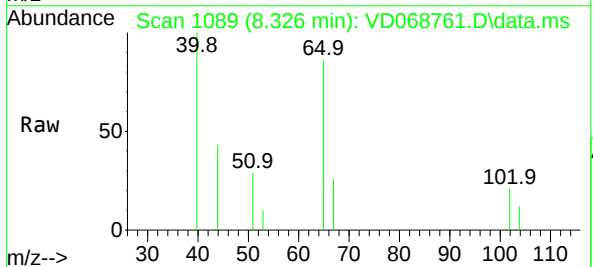
Instrument :
MSVOA_D
ClientSampleId :
TP-3D-(4-10)

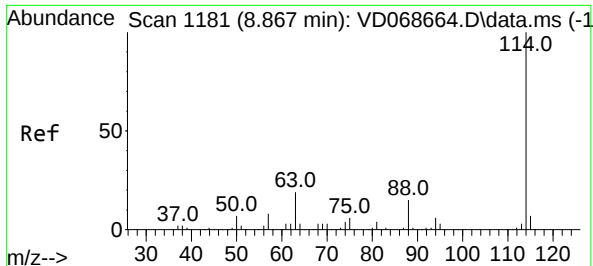
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



#33
1,2-Dichloroethane-d4
Concen: 68.81 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

Tgt Ion: 65 Resp: 2548
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.0

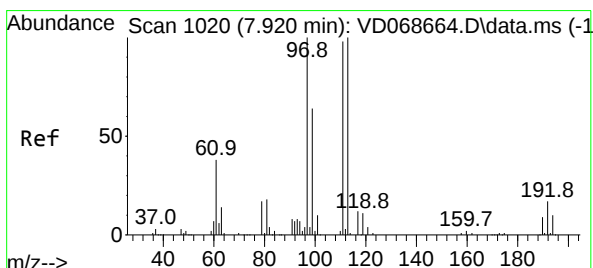
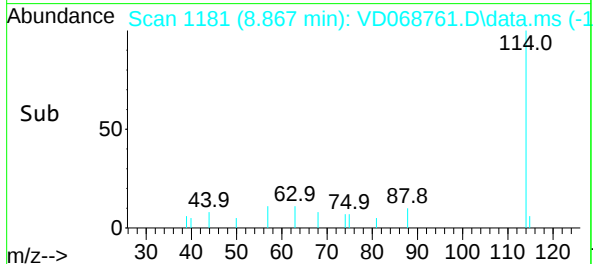
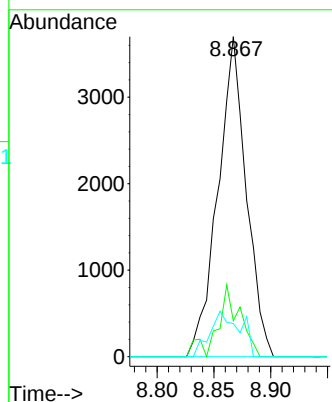
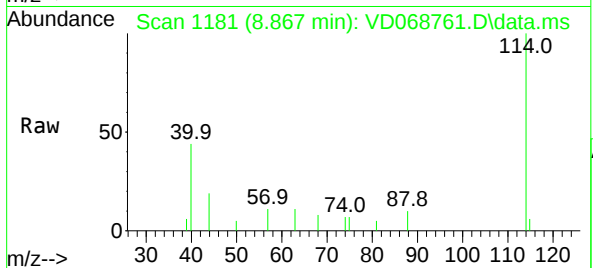




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

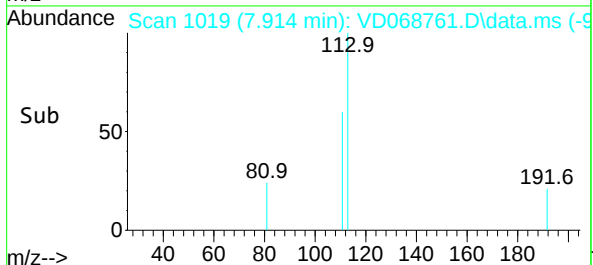
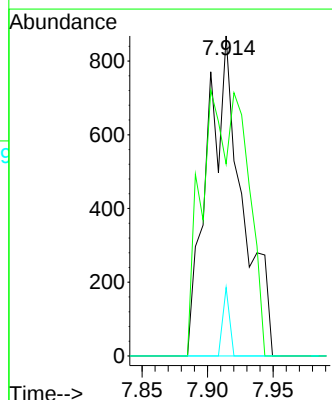
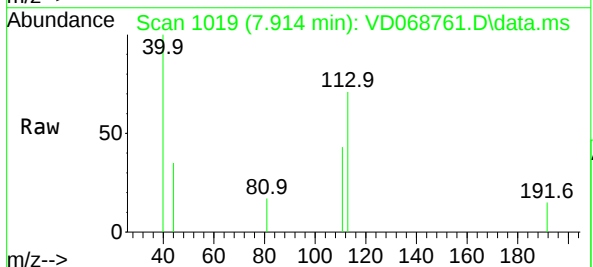
Instrument :
MSVOA_D
ClientSampleId :
TP-3D-(4-10)

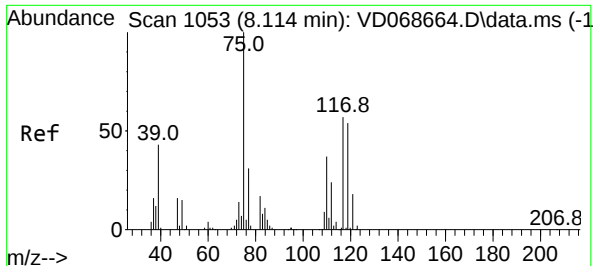
Tgt Ion:114	Resp:	6427
Ion Ratio	Lower	Upper
114	100	
63	11.3	0.0 38.2
88	10.4	0.0 29.4



#35
Dibromofluoromethane
Concen: 40.19 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

Tgt Ion:113	Resp:	1607
Ion Ratio	Lower	Upper
113	100	
111	60.2	82.5 123.7#
192	4.1	15.1 22.7#



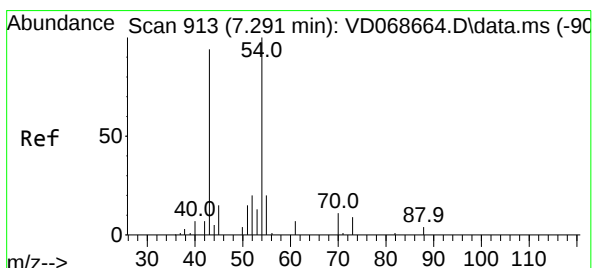
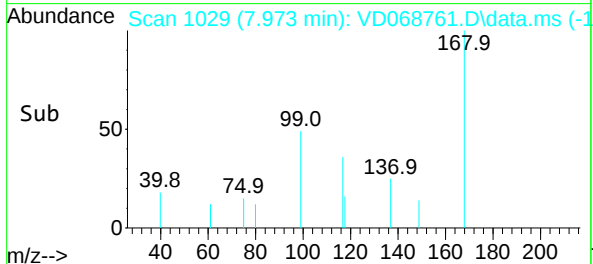
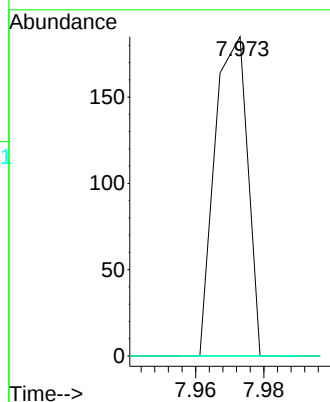
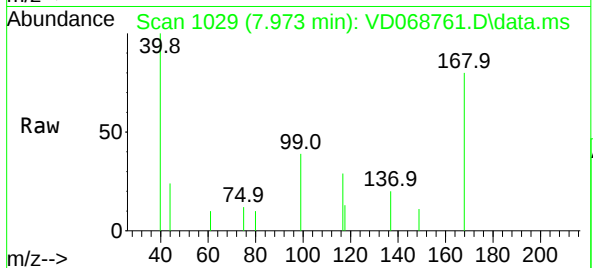


#36

1,1-Dichloropropene
Concen: 2.14 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

Instrument :
MSVOA_D
ClientSampleId :
TP-3D-(4-10)

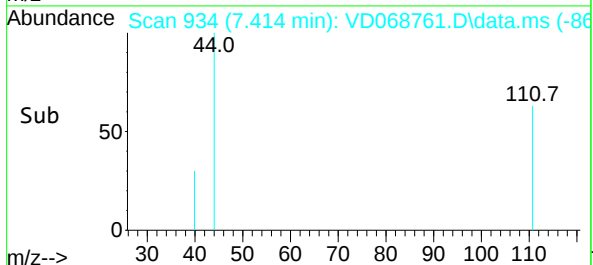
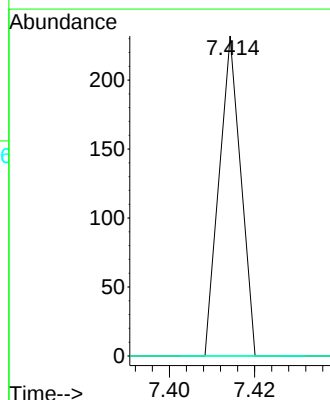
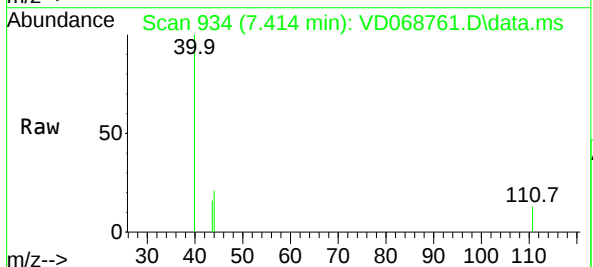
Tgt Ion: 75 Resp: 123
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 24.7 37.1#

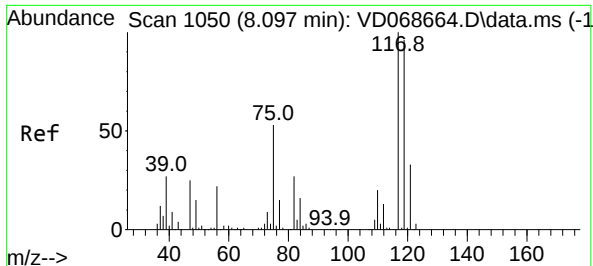


#37

Ethyl Acetate
Concen: 4.53 ug/l
RT: 7.414 min Scan# 934
Delta R.T. 0.123 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

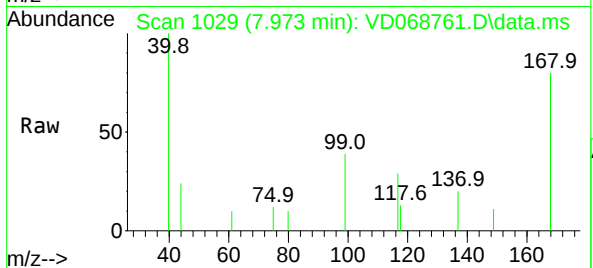
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
70 0.0 9.4 14.0#



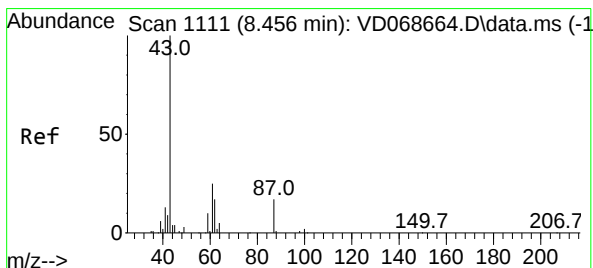
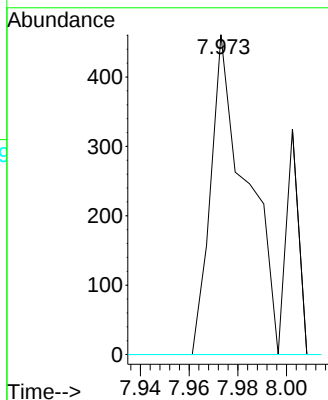
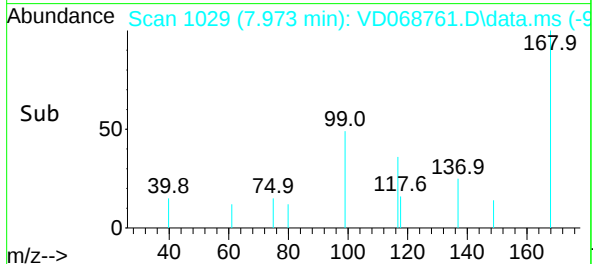


#38
Carbon Tetrachloride
Concen: 8.27 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

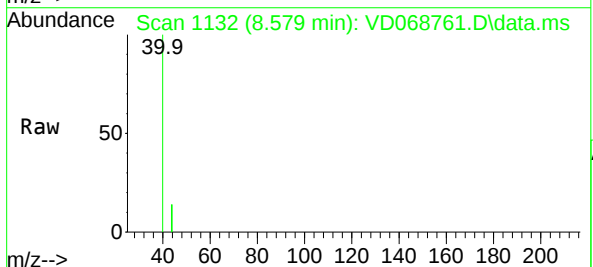
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TP-3D-(4-10)



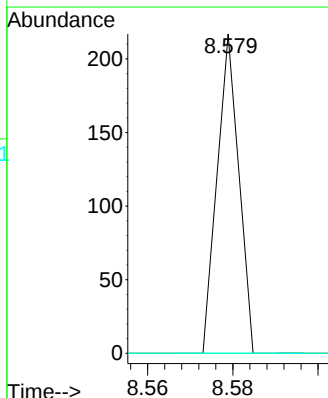
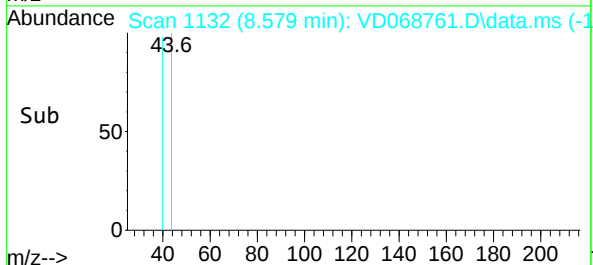
Tgt Ion: 117 Resp: 474
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 26.1 39.1#

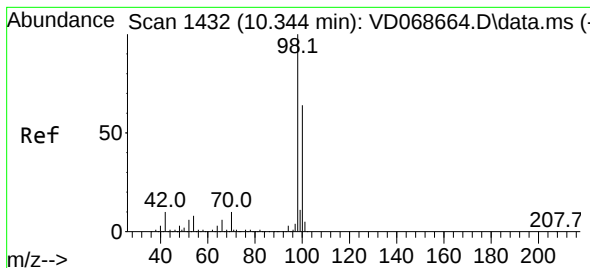


#43
Isopropyl Acetate
Concen: 2.22 ug/l
RT: 8.579 min Scan# 1132
Delta R.T. 0.123 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28



Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
61 0.0 29.5 44.3#
87 0.0 13.5 20.3#

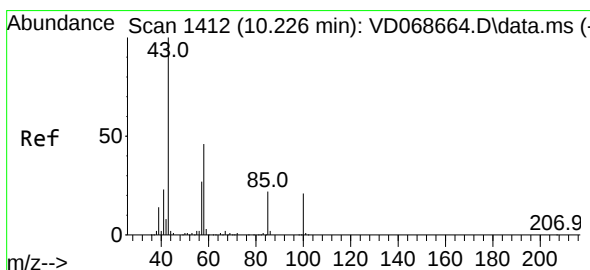
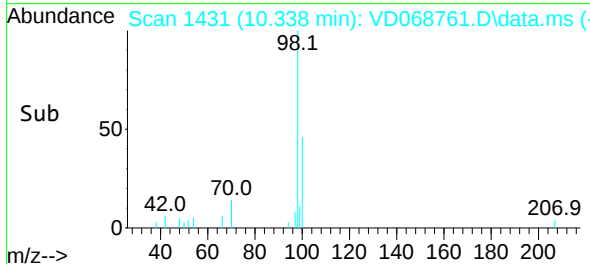
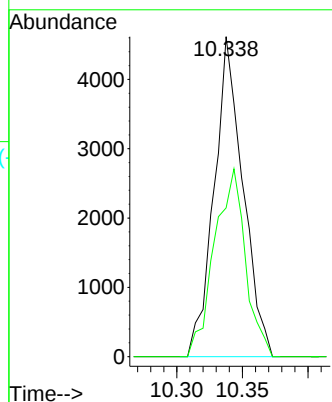
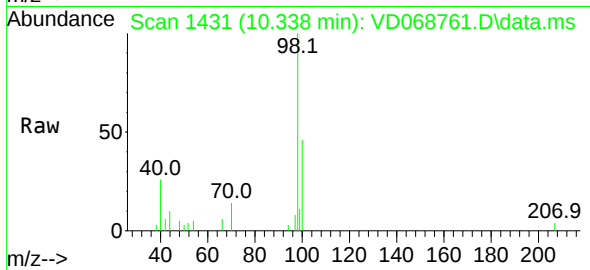




#50
Toluene-d8
Concen: 45.72 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

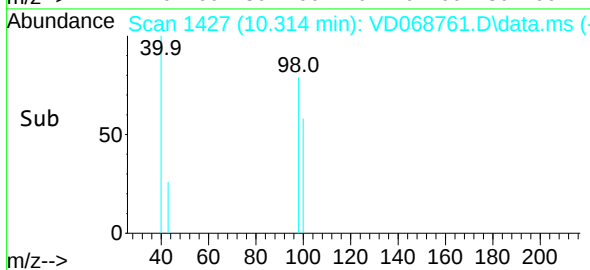
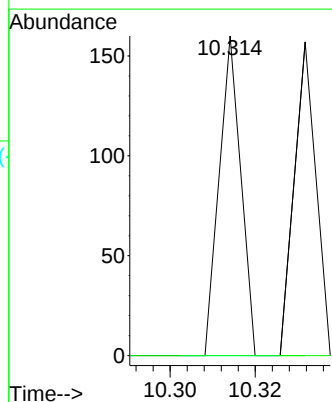
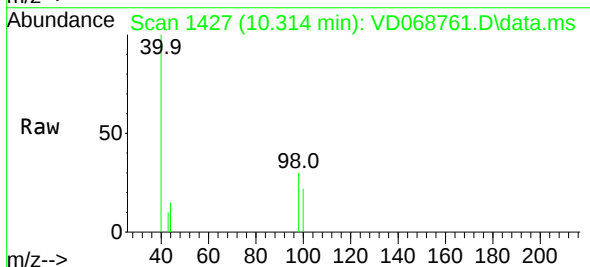
Instrument :
MSVOA_D
ClientSampleId :
TP-3D-(4-10)

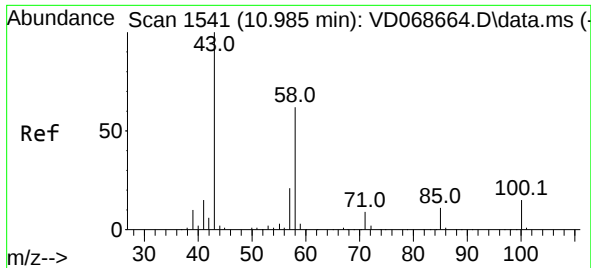
Tgt Ion: 98 Resp: 7048
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 3.10 ug/l
RT: 10.314 min Scan# 1427
Delta R.T. 0.088 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 37.3 55.9#

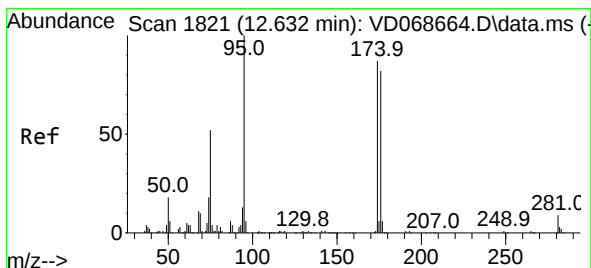
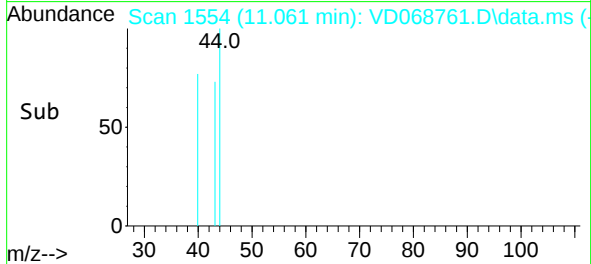
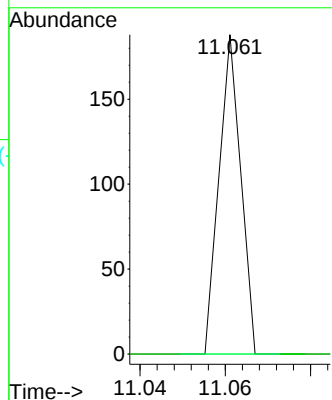
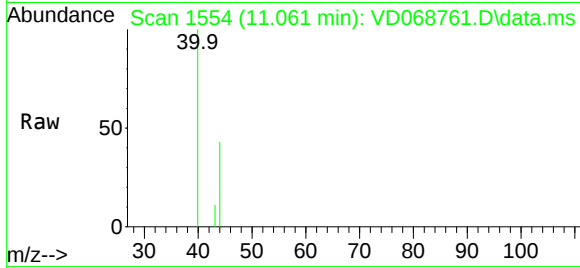




#59
2-Hexanone
Concen: 5.43 ug/l
RT: 11.061 min Scan# 1554
Delta R.T. 0.076 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

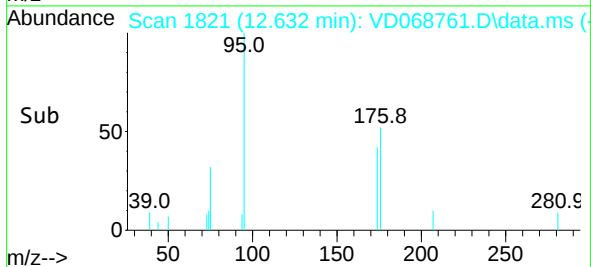
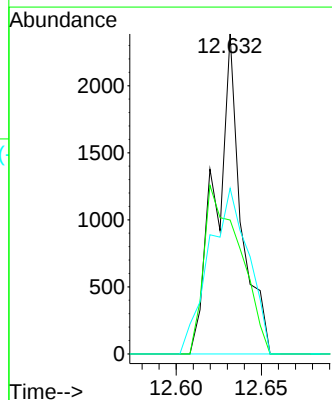
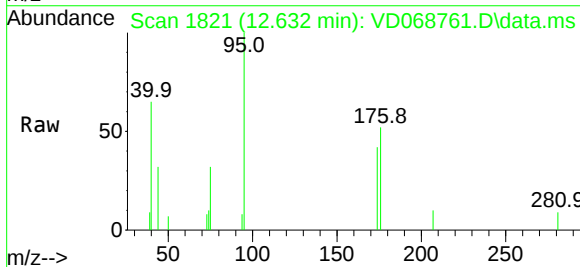
Instrument :
MSVOA_D
ClientSampleId :
TP-3D-(4-10)

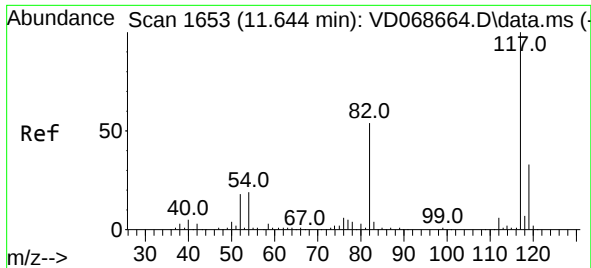
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 0.0 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 49.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

Tgt Ion: 95 Resp: 2466
Ion Ratio Lower Upper
95 100
174 74.7 0.0 168.0
176 80.9 0.0 160.2

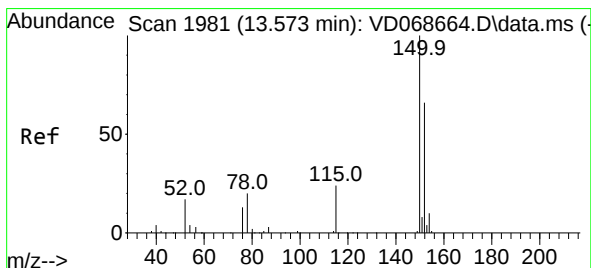
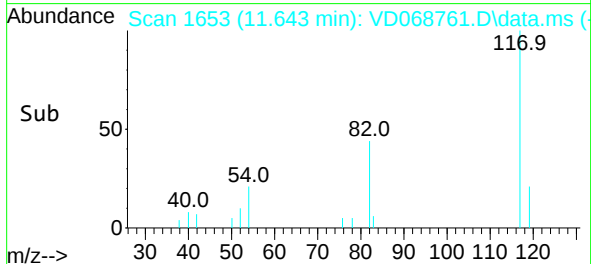
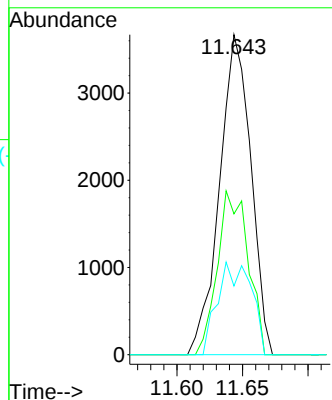
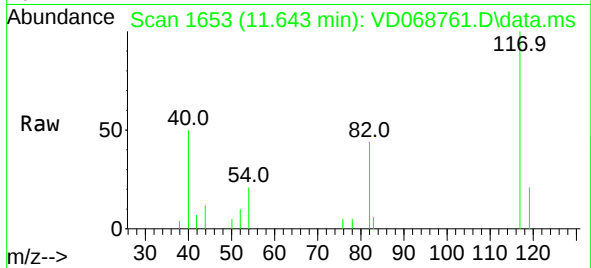




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

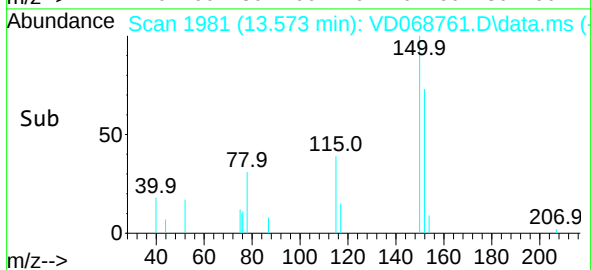
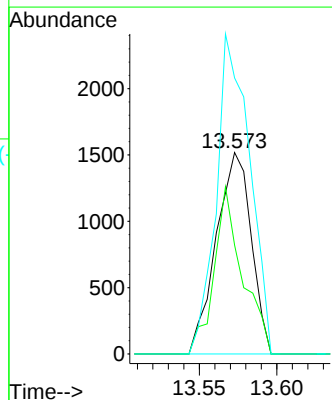
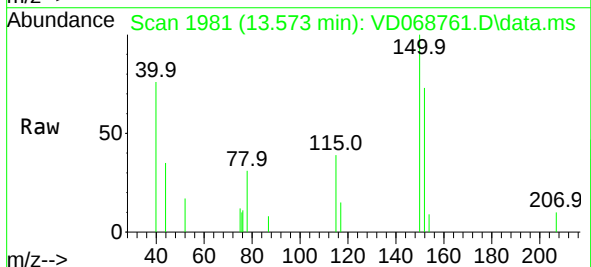
Instrument :
MSVOA_D
ClientSampleId :
TP-3D-(4-10)

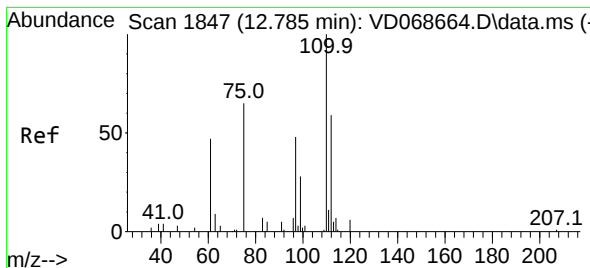
Tgt Ion:117 Resp: 6106
Ion Ratio Lower Upper
117 100
82 44.0 43.5 65.3
119 21.4 26.7 40.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

Tgt Ion:152 Resp: 2379
Ion Ratio Lower Upper
152 100
115 67.0 29.3 87.8
150 151.9 0.0 347.6

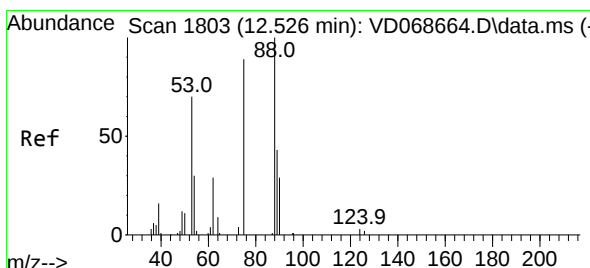
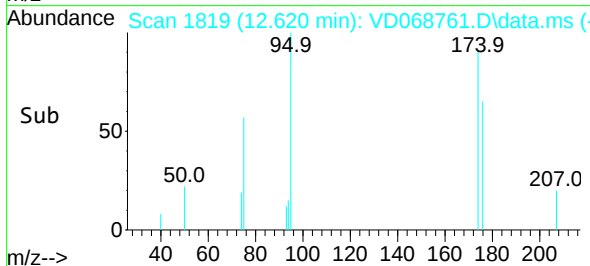
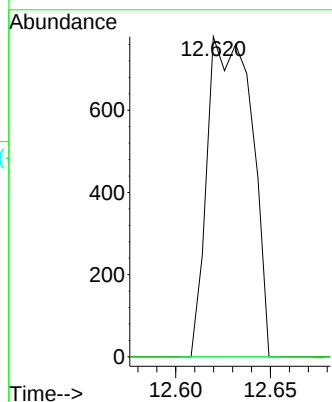
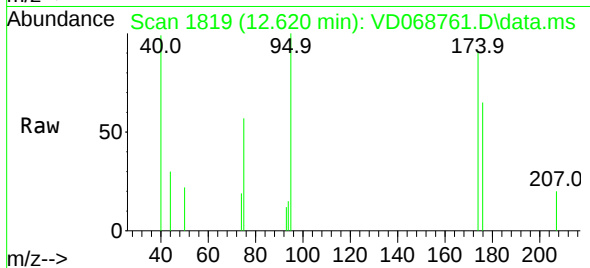




#76
1,2,3-Trichloropropane
Concen: 64.29 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.165 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

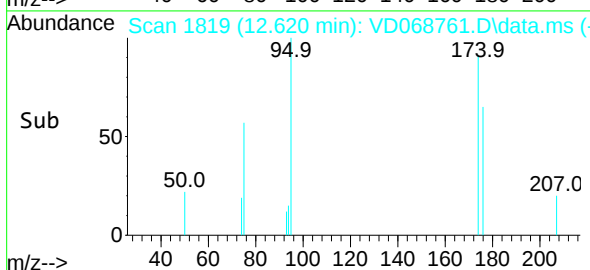
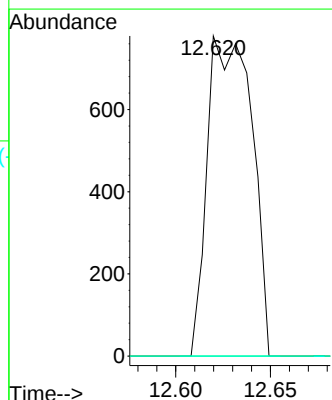
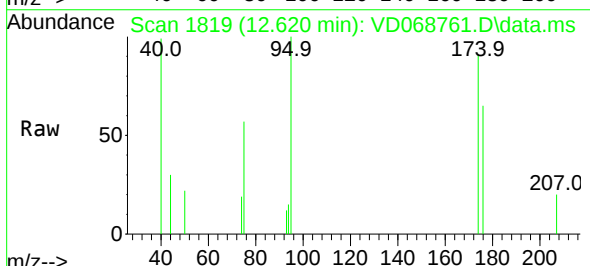
Instrument :
MSVOA_D
ClientSampleId :
TP-3D-(4-10)

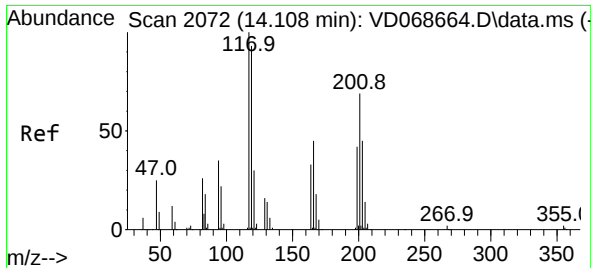
Tgt Ion: 75 Resp: 1273
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 146.27 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.094 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

Tgt Ion: 75 Resp: 1273
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#





#90
Hexachloroethane
Concen: 2.98 ug/l
RT: 13.937 min Scan# 2043
Delta R.T. -0.171 min
Lab File: VD068761.D
Acq: 01 Apr 2021 16:28

Instrument :
MSVOA_D
ClientSampleId :
TP-3D-(4-10)

Tgt Ion:117 Resp: 80
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#

