

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068795.D
 Acq On : 08 Apr 2021 18:00
 Operator : VA/SY
 Sample : M1979-22
 Misc : 5.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:04:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

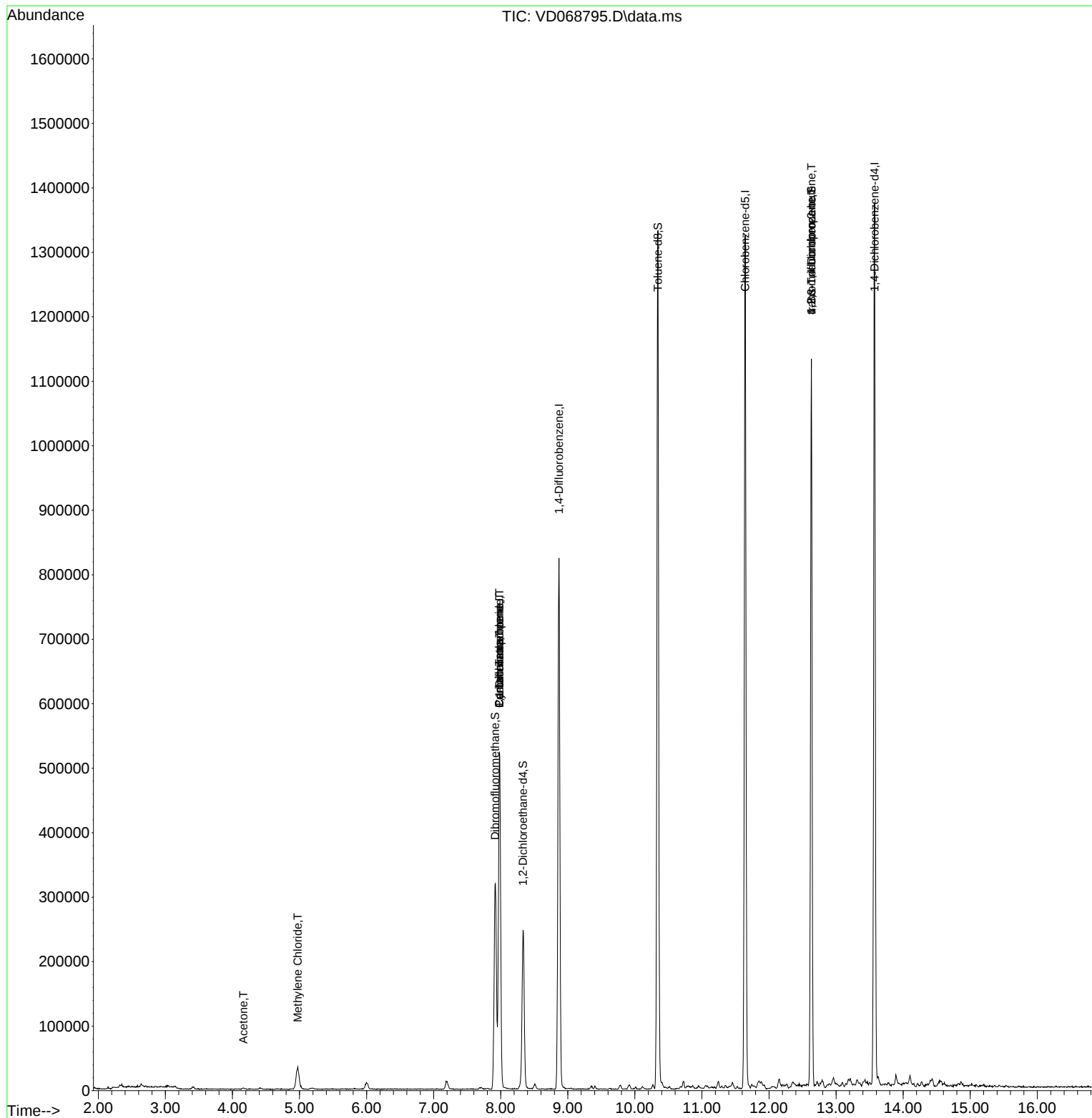
Internal Standards						
1) Pentafluorobenzene	7.979	168	406585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	751569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	798088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	384254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193555	45.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.08%		
35) Dibromofluoromethane	7.914	113	237682	48.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.24%		
50) Toluene-d8	10.344	98	950579	51.55	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.10%		
62) 4-Bromofluorobenzene	12.632	95	355082	57.97	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	115.94%		
Target Compounds						
11) Tert butyl alcohol	5.209	59	392	Below Cal	#	73
16) Acetone	4.162	43	3139	5.28 ug/l	#	69
20) Methylene Chloride	4.973	84	29261	1.39 ug/l		96
31) Cyclohexane	7.979	56	8323	1.16 ug/l	#	20
36) 1,1-Dichloropropene	7.979	75	29584	3.89 ug/l	#	50
38) Carbon Tetrachloride	7.979	117	40820	5.42 ug/l	#	17
76) 1,2,3-Trichloropropane	12.632	75	174904	49.82 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	174904	115.63 ug/l	#	16

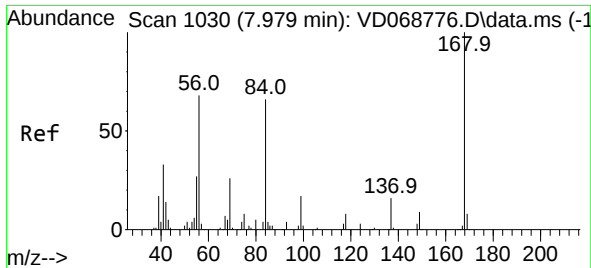
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068795.D
Acq On : 08 Apr 2021 18:00
Operator : VA/SY
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Misc : 5.49G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 09 01:04:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

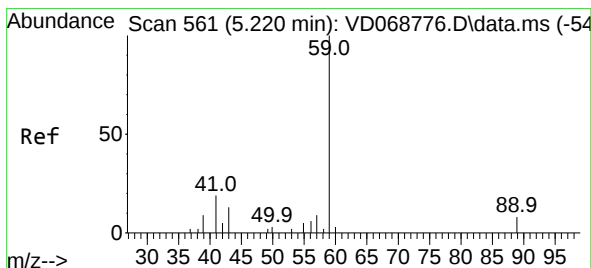
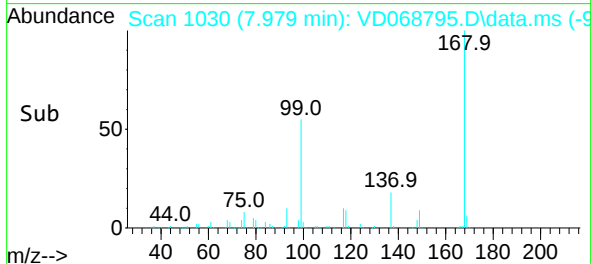
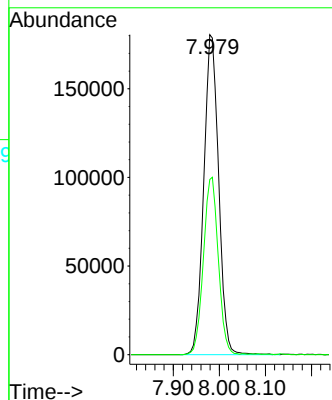
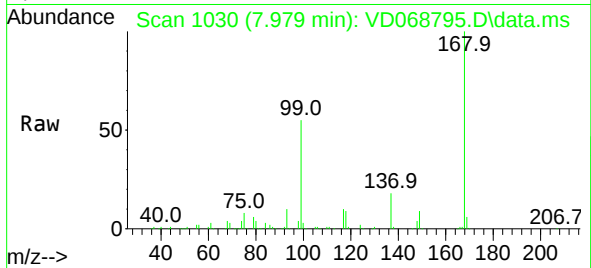




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

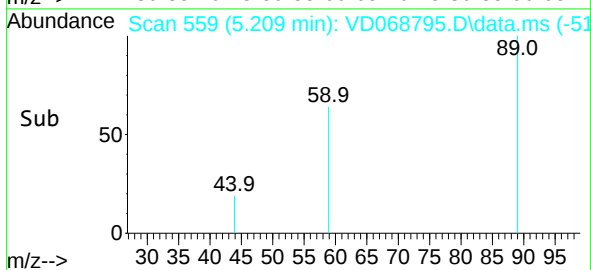
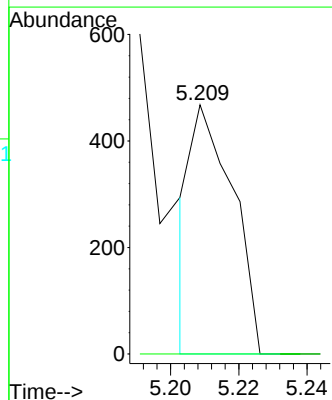
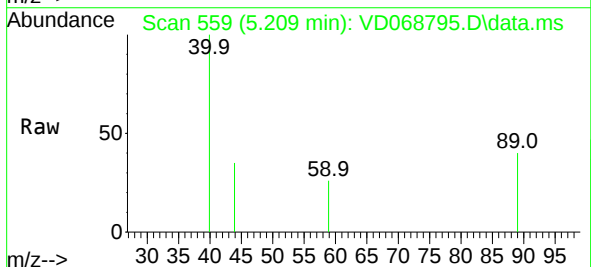
Instrument :
MSVOA_D
ClientSampleId :

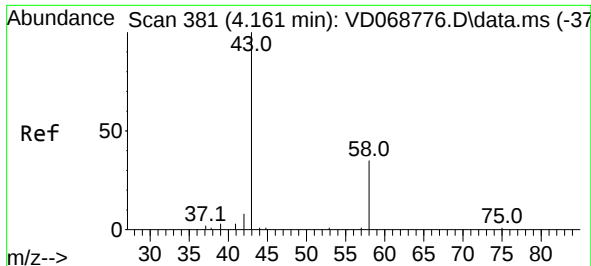
Tgt Ion:168 Resp: 406585
Ion Ratio Lower Upper
168 100
99 54.7 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

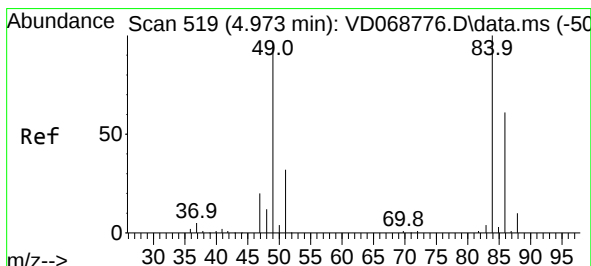
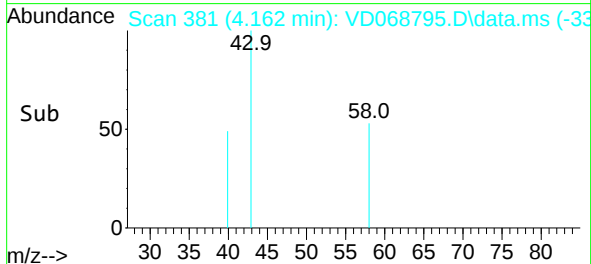
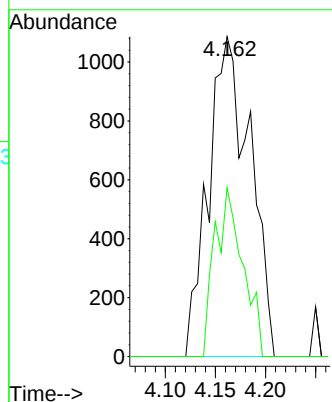
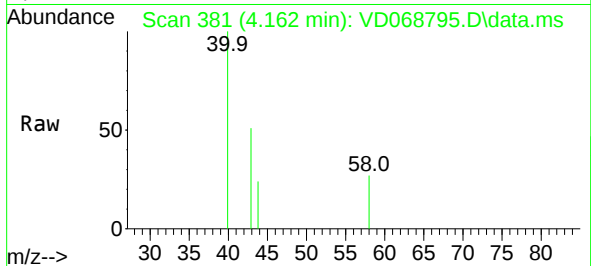




#16
Acetone
Concen: 5.28 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

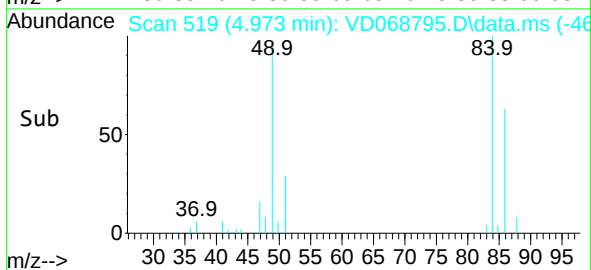
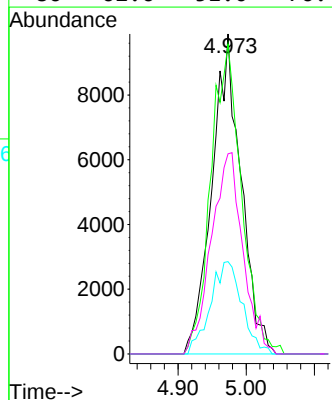
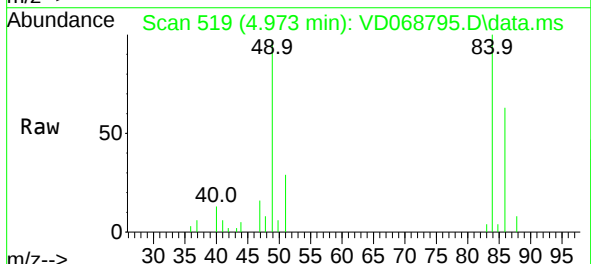
Instrument :
MSVOA_D
ClientSampled :

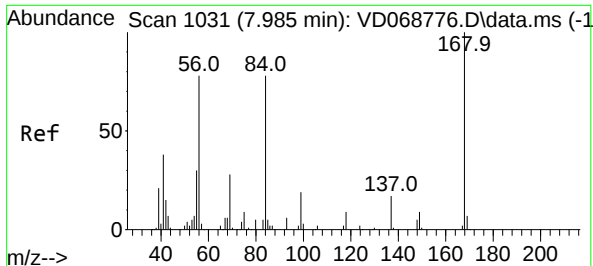
Tgt Ion: 43 Resp: 3139
Ion Ratio Lower Upper
43 100
58 52.8 28.0 42.0#



#20
Methylene Chloride
Concen: 1.39 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

Tgt Ion: 84 Resp: 29261
Ion Ratio Lower Upper
84 100
49 96.8 83.4 125.0
51 28.8 23.4 35.2
86 62.6 51.0 76.4

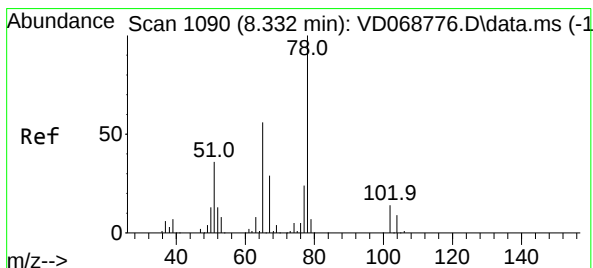
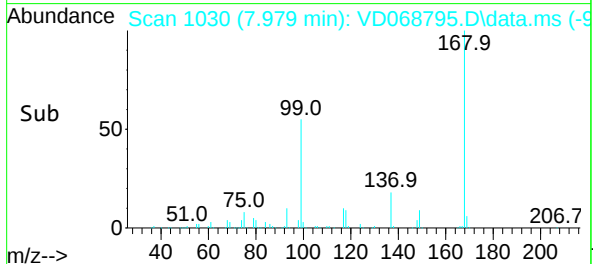
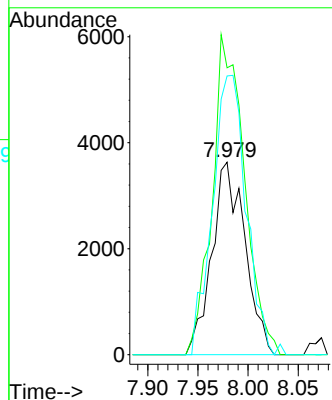
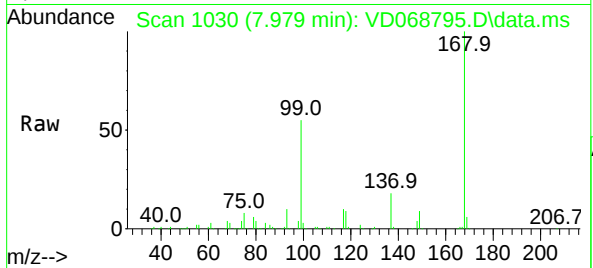




#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

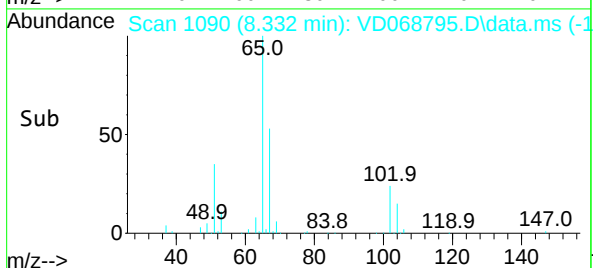
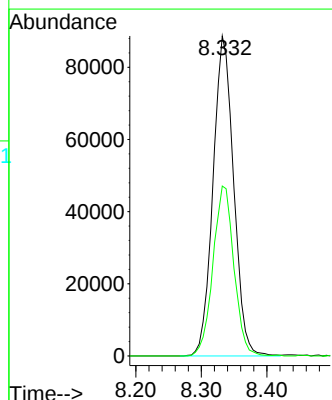
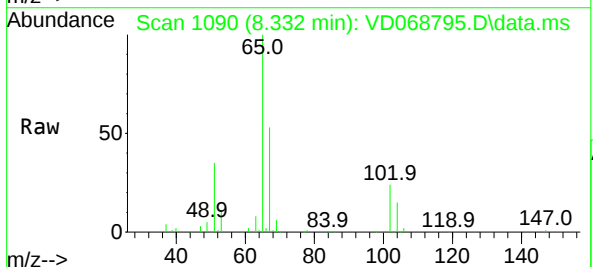
Instrument :
MSVOA_D
ClientSampleId :

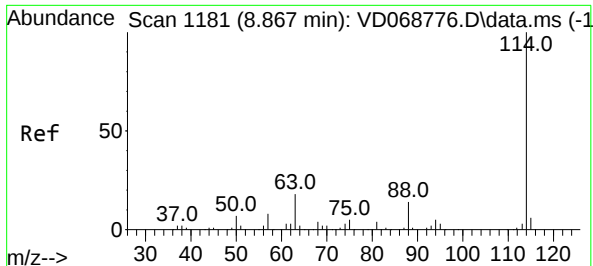
Tgt Ion: 56 Resp: 8323
Ion Ratio Lower Upper
56 100
69 149.0 30.0 45.0#
84 144.9 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 45.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

Tgt Ion: 65 Resp: 193555
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.0

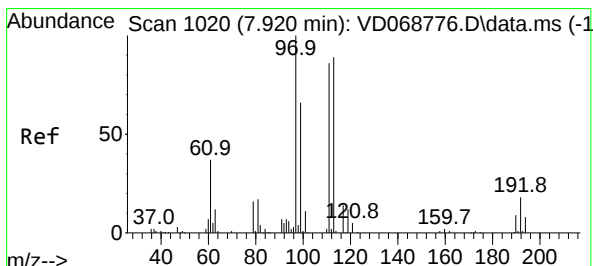
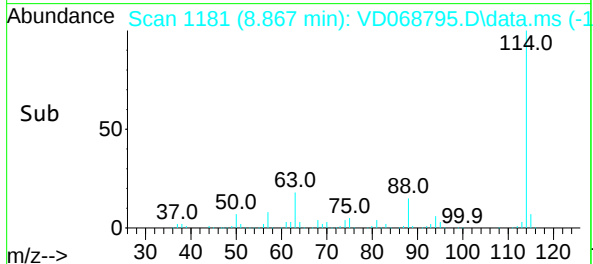
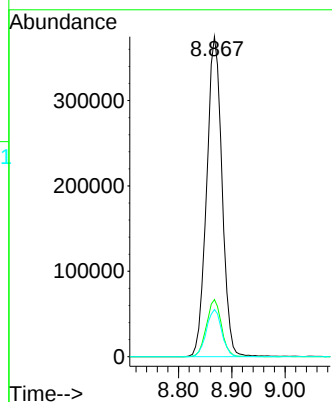
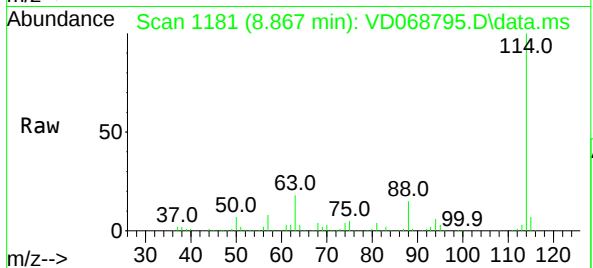




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

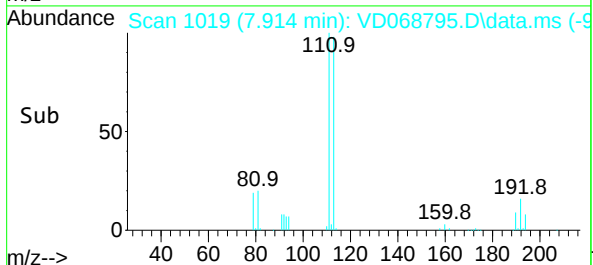
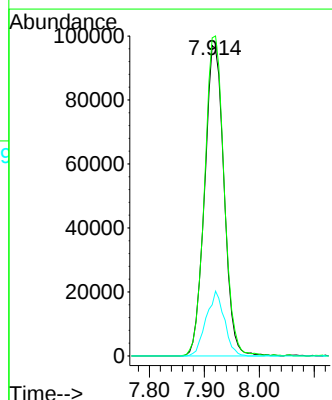
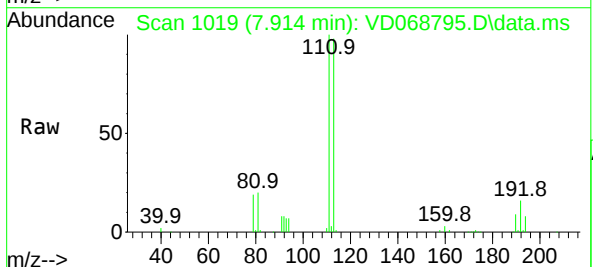
Instrument :
MSVOA_D
ClientSampled :

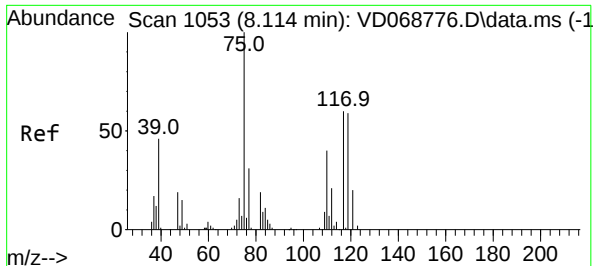
Tgt Ion:114 Resp: 751569
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.62 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

Tgt Ion:113 Resp: 237682
Ion Ratio Lower Upper
113 100
111 103.2 82.5 123.7
192 19.7 15.1 22.7



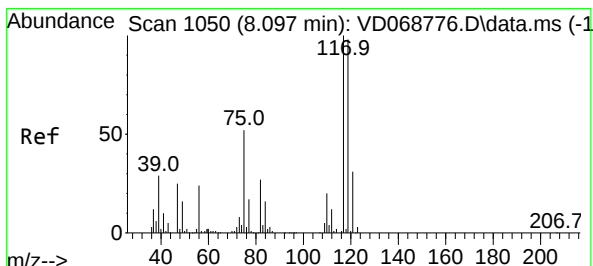
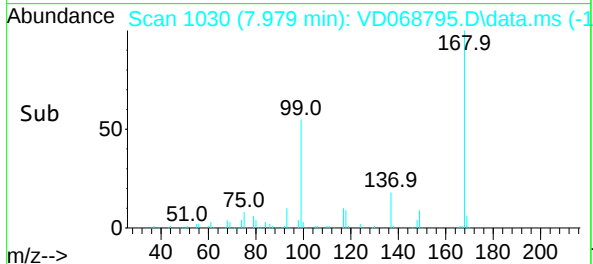
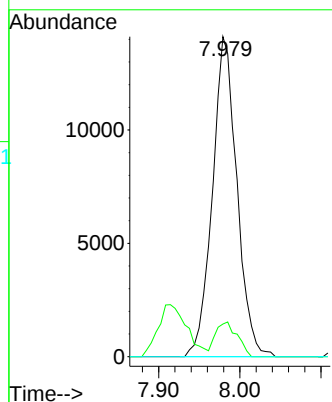
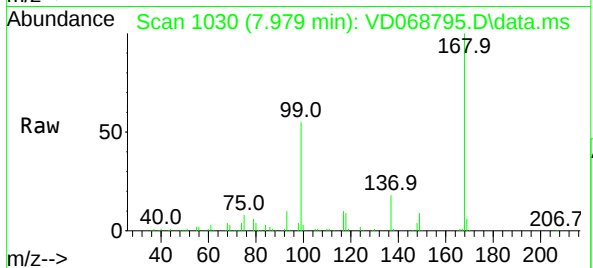


#36

1,1-Dichloropropene
Concen: 3.89 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

Instrument :
MSVOA_D
ClientSampled :

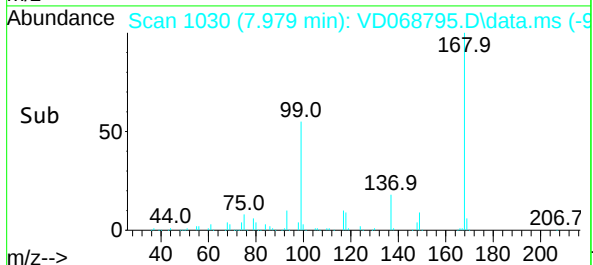
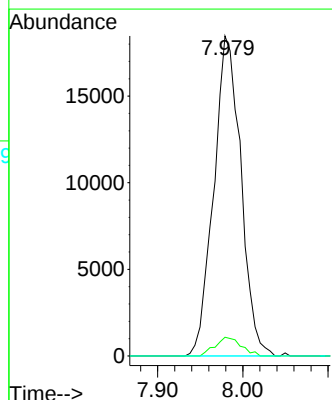
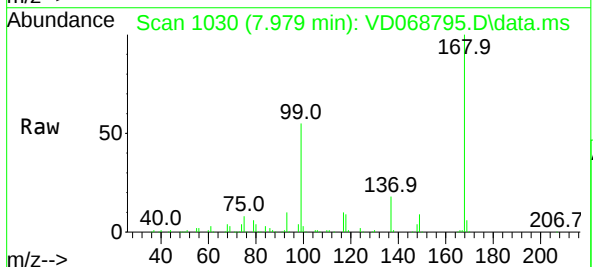
Tgt Ion: 75 Resp: 29584
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 24.7 37.1#

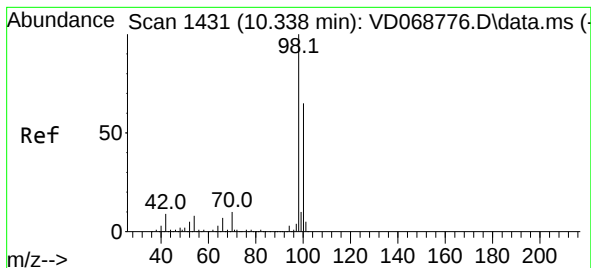


#38

Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

Tgt Ion: 117 Resp: 40820
Ion Ratio Lower Upper
117 100
119 5.9 76.6 115.0#
121 0.0 26.1 39.1#

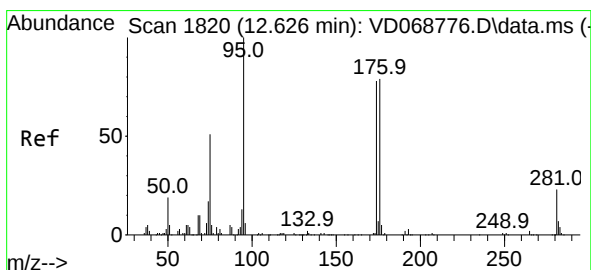
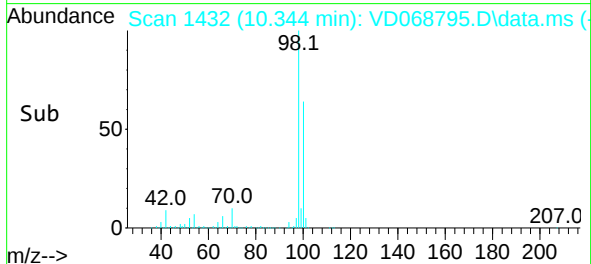
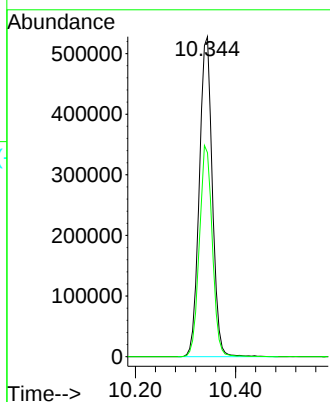
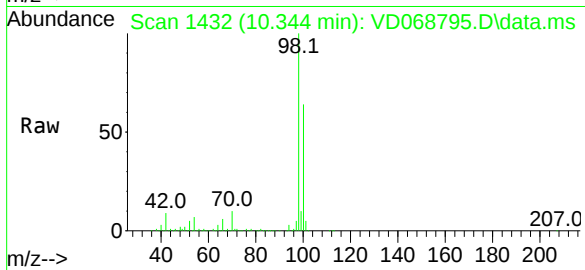




#50
Toluene-d8
Concen: 51.55 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

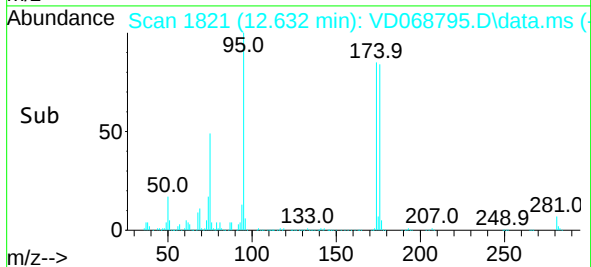
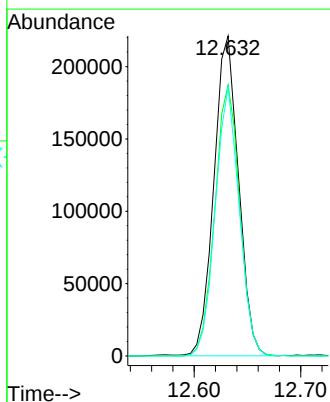
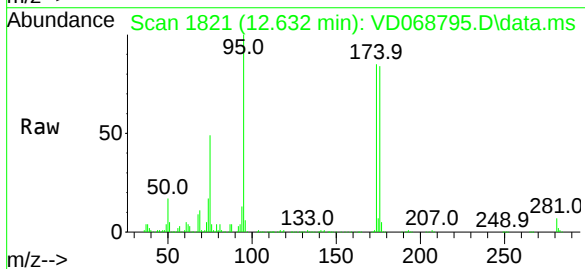
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MSVOA_D
ClientSampleId :

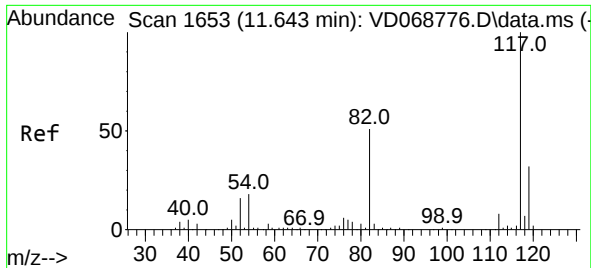
Tgt Ion: 98 Resp: 950579
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

Tgt Ion: 95 Resp: 355082
Ion Ratio Lower Upper
95 100
174 85.1 0.0 168.0
176 81.6 0.0 160.2

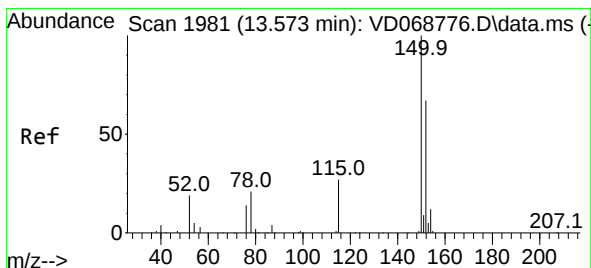
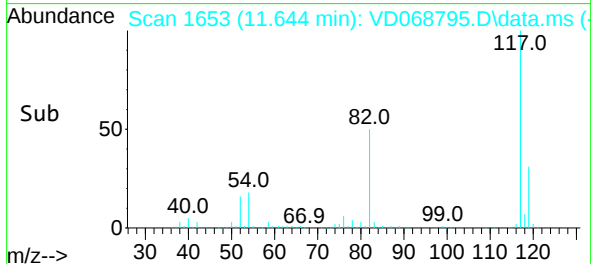
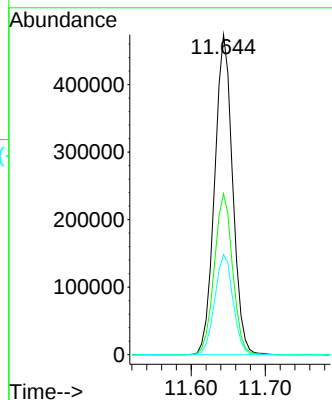
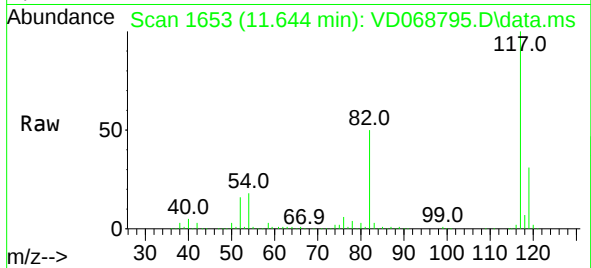




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

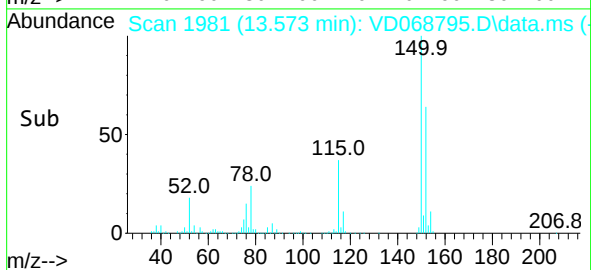
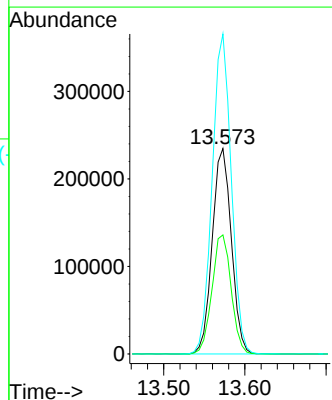
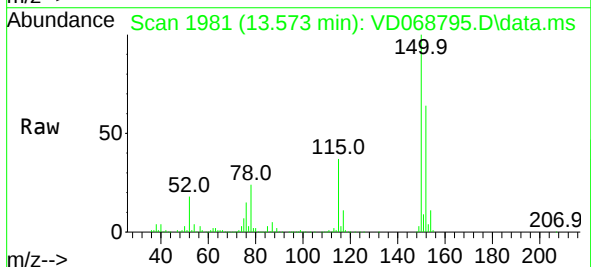
Instrument :
MSVOA_D
ClientSampleId :

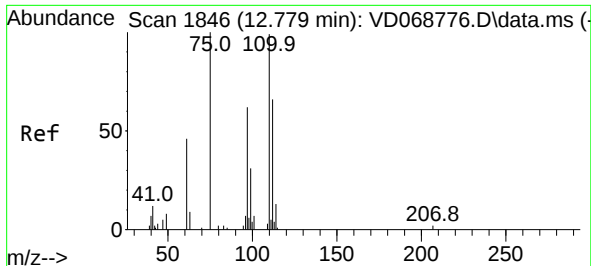
Tgt Ion:117 Resp: 798088
Ion Ratio Lower Upper
117 100
82 50.3 43.5 65.3
119 31.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

Tgt Ion:152 Resp: 384254
Ion Ratio Lower Upper
152 100
115 58.1 29.3 87.8
150 155.0 0.0 347.6

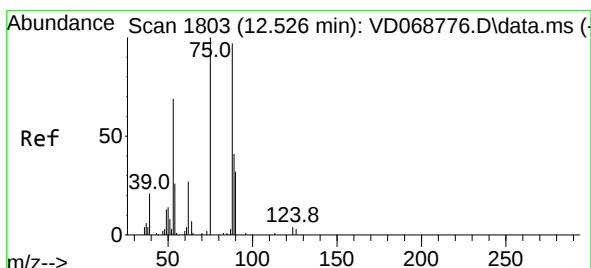
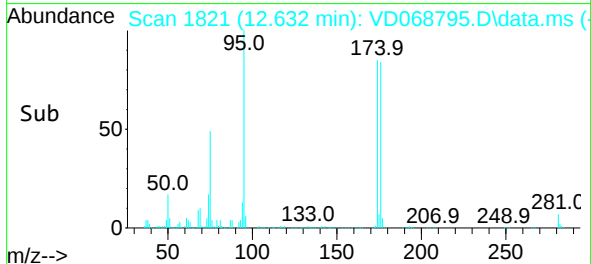
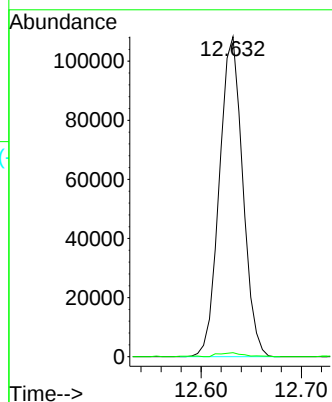
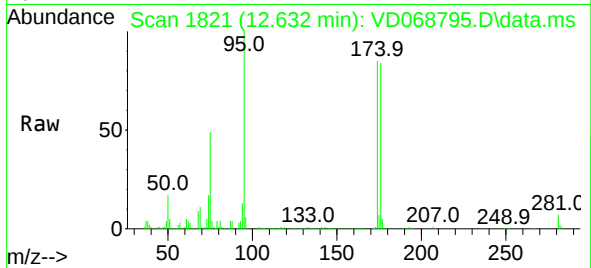




#76
1,2,3-Trichloropropane
Concen: 49.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 174904
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068795.D
Acq: 08 Apr 2021 18:00

Tgt Ion: 75 Resp: 174904
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.0 36.6 54.8#

