

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068525.D
 Acq On : 04 Mar 2021 15:09
 Operator : VA/SY
 Sample : M1568-05
 Misc : 4.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:01:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

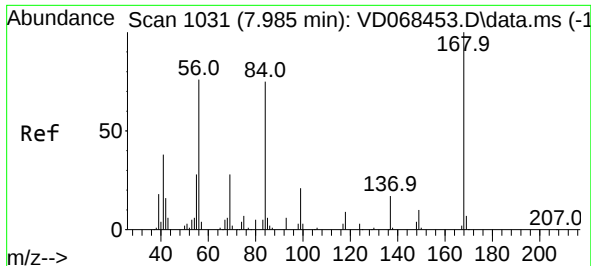
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	355644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	623909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	595380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	274828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	178857	50.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.66%			
35) Dibromofluoromethane	7.914	113	189322	50.37	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.74%			
50) Toluene-d8	10.344	98	779548	52.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.14%			
62) 4-Bromofluorobenzene	12.632	95	255969	53.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.10%			
Target Compounds					Qvalue	
16) Acetone	4.168	43	1553	2.75	ug/l #	61
20) Methylene Chloride	4.968	84	6183	Below Cal		90
31) Cyclohexane	7.979	56	7508	1.16	ug/l #	24
36) 1,1-Dichloropropene	7.985	75	26511	4.47	ug/l #	48
38) Carbon Tetrachloride	7.985	117	34903	6.26	ug/l #	15
51) 4-Methyl-2-Pentanone	10.332	43	2433	1.29	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	130902	53.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	130902	125.21	ug/l #	14

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

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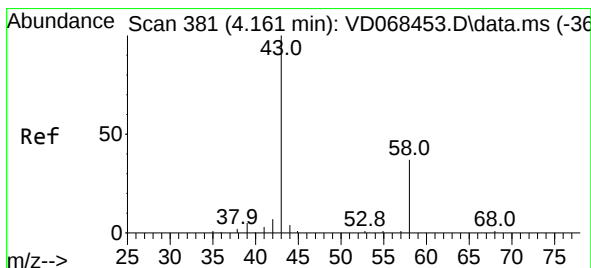
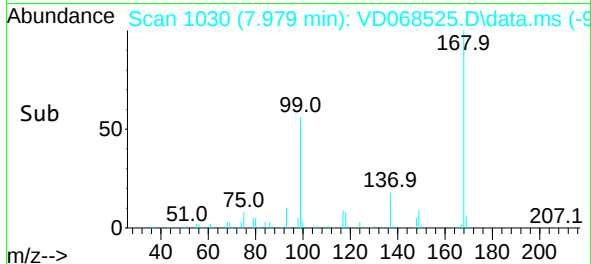
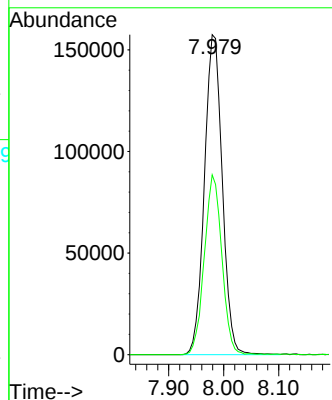
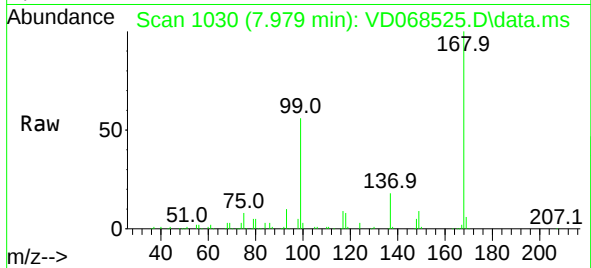




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

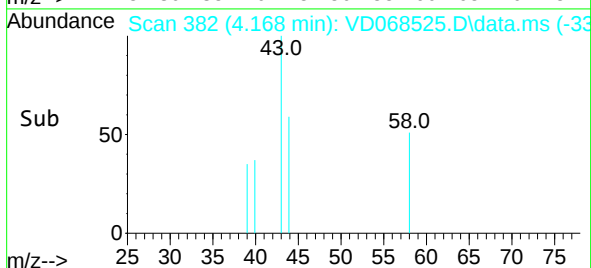
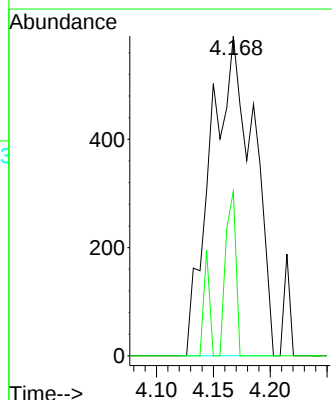
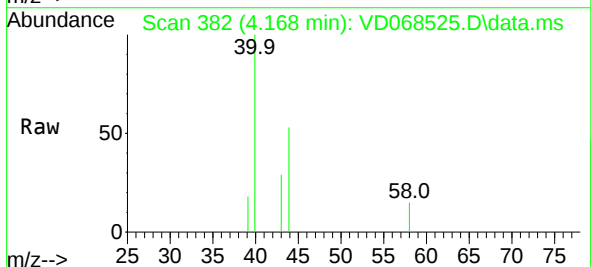
Instrument :
MSVOA_D
ClientSampleId :

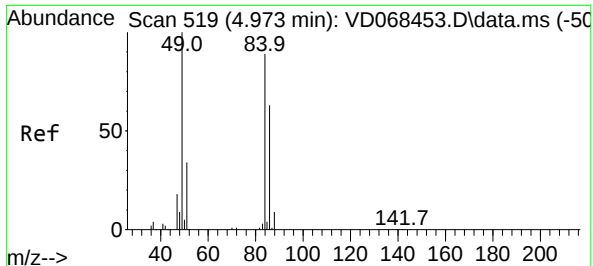
Tgt Ion:168 Resp: 355644
Ion Ratio Lower Upper
168 100
99 56.2 43.5 65.3



#16
Acetone
Concen: 2.75 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Tgt Ion: 43 Resp: 1553
Ion Ratio Lower Upper
43 100
58 51.4 24.2 36.4#



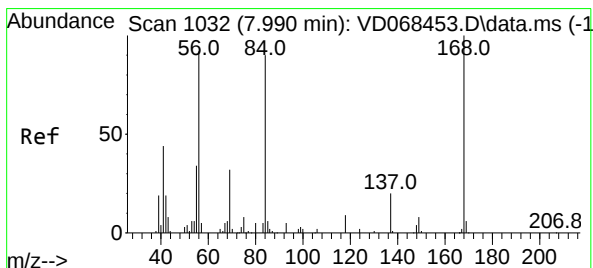
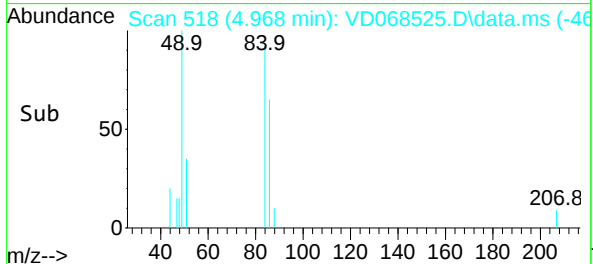
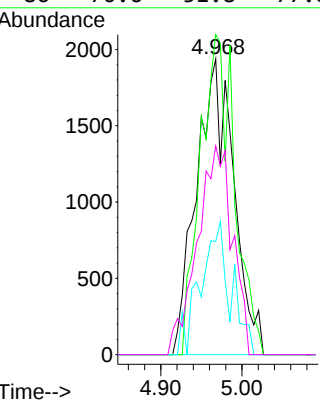
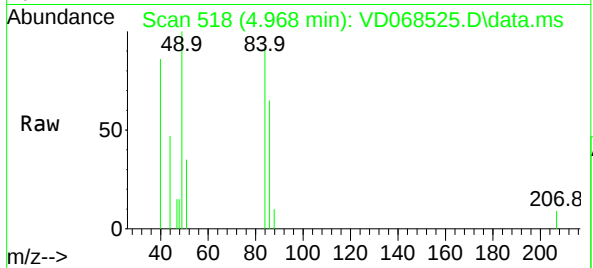


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 6183

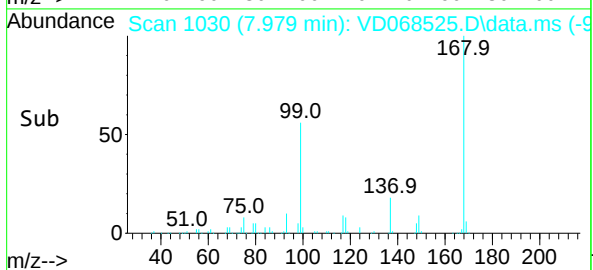
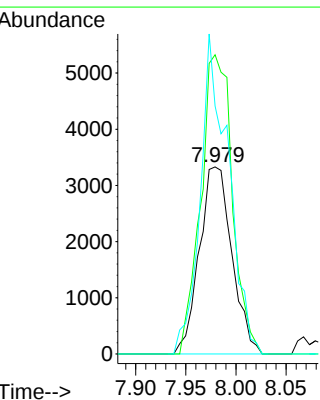
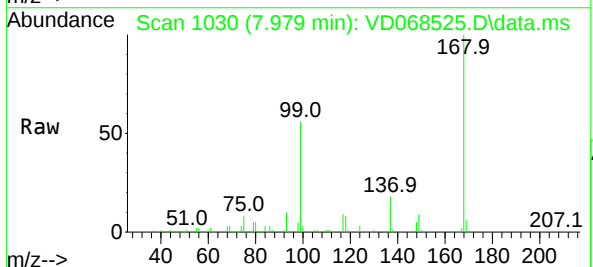
Ion	Ratio	Lower	Upper
84	100		
49	108.2	77.4	116.2
51	38.3	26.1	39.1
86	70.6	51.8	77.8

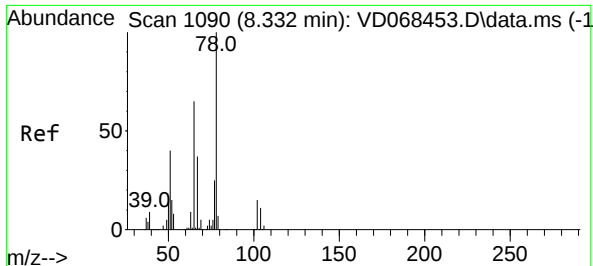


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Tgt Ion: 56 Resp: 7508

Ion	Ratio	Lower	Upper
56	100		
69	160.0	30.1	45.1#
84	132.7	82.1	123.1#

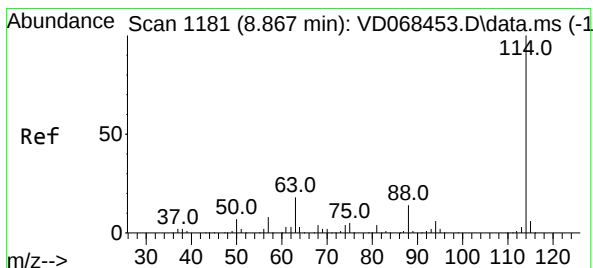
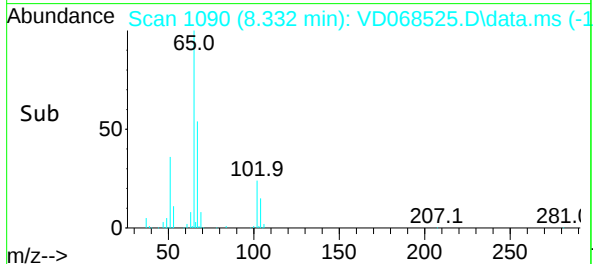
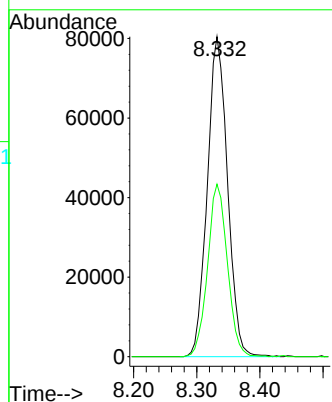
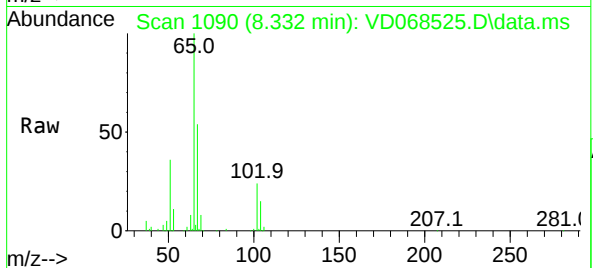




#33
1,2-Dichloroethane-d4
Concen: 50.33 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

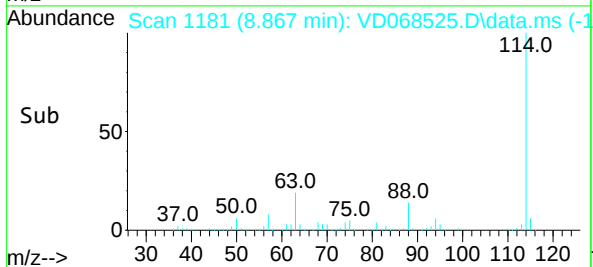
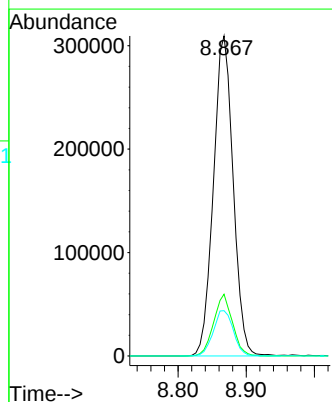
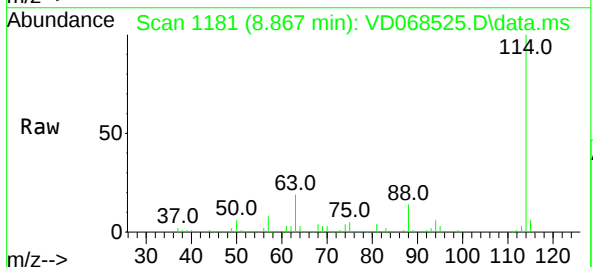
Instrument :
MSVOA_D
ClientSampled :

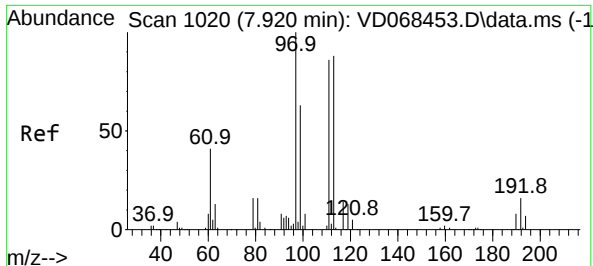
Tgt Ion: 65 Resp: 178857
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Tgt Ion: 114 Resp: 623909
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 14.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.37 ug/l

RT: 7.914 min Scan# 1019

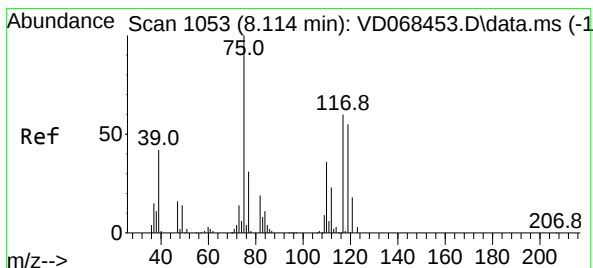
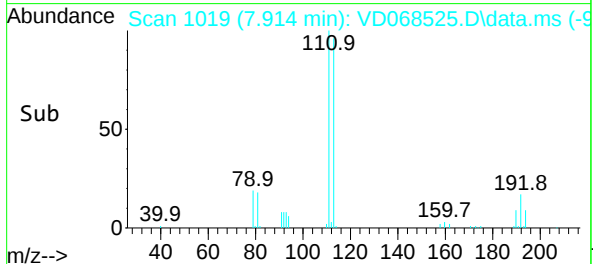
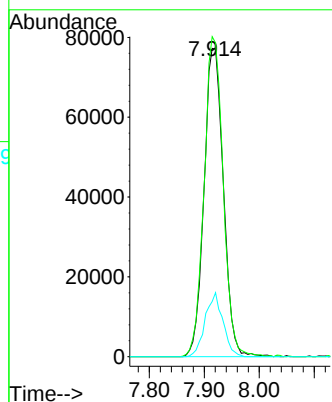
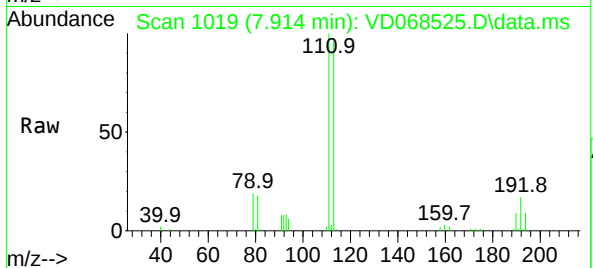
Delta R.T. -0.005 min

Lab File: VD068525.D

Acq: 04 Mar 2021 15:09

Tgt Ion:	113	Resp:	189322
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	19.0	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.47 ug/l

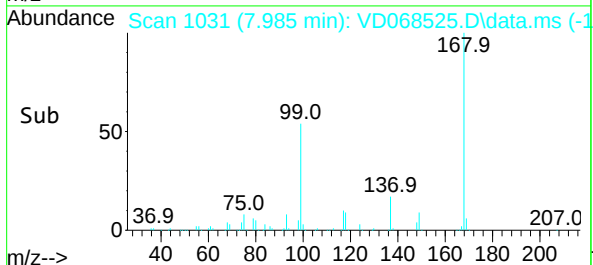
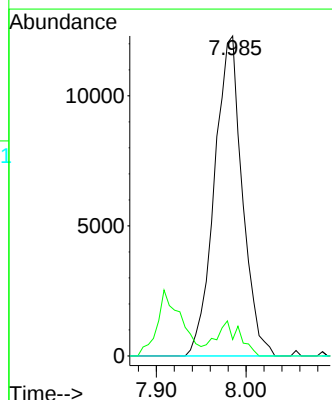
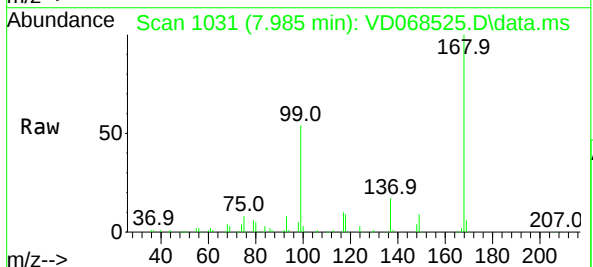
RT: 7.985 min Scan# 1031

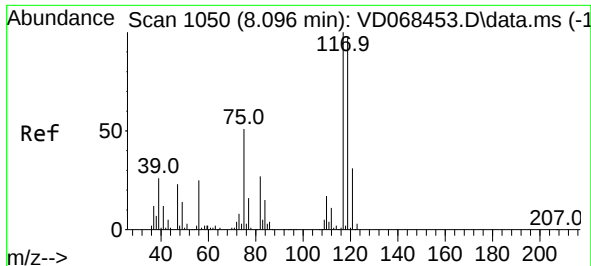
Delta R.T. -0.129 min

Lab File: VD068525.D

Acq: 04 Mar 2021 15:09

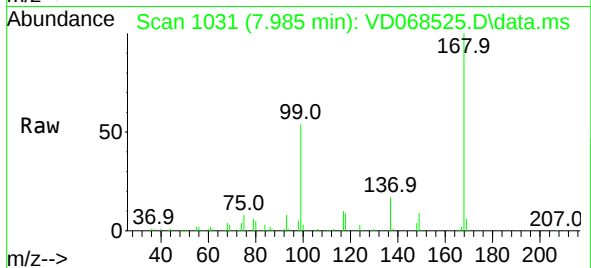
Tgt Ion:	75	Resp:	26511
Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.4	58.2#
77	0.0	25.3	37.9#



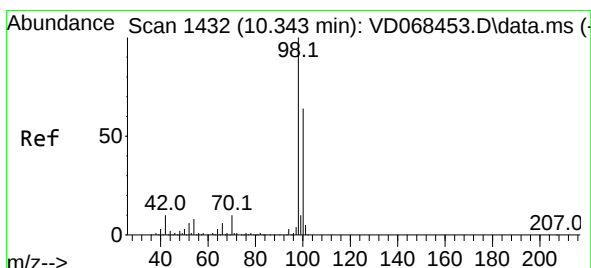
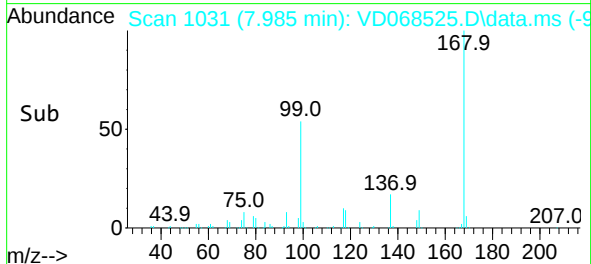
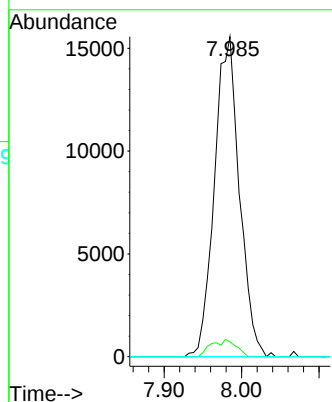


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Instrument :
MSVOA_D
ClientSampleId :

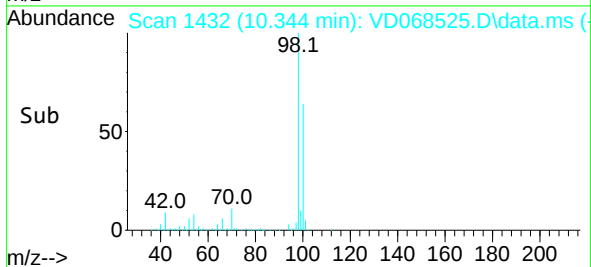
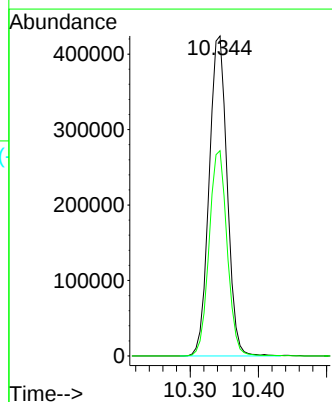
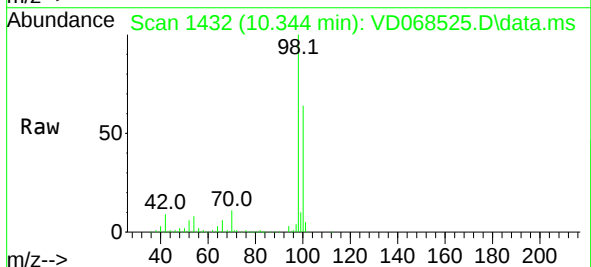


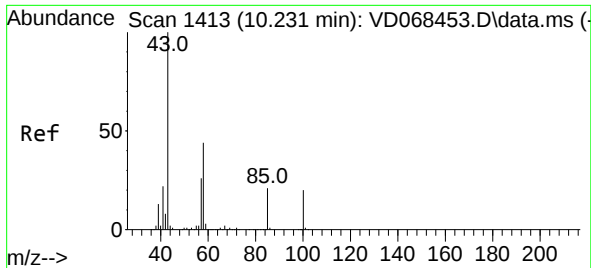
Tgt Ion:117 Resp: 34903
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.07 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Tgt Ion: 98 Resp: 779548
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4

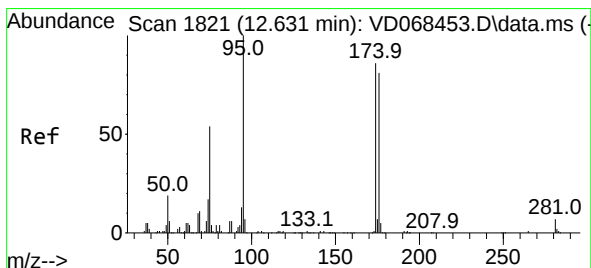
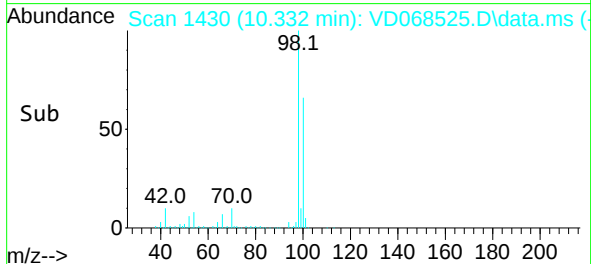
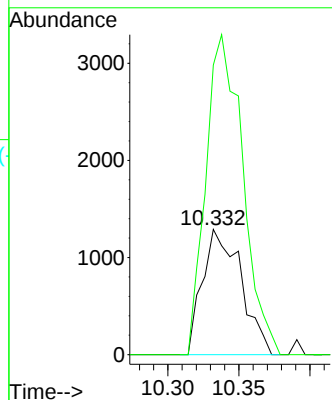
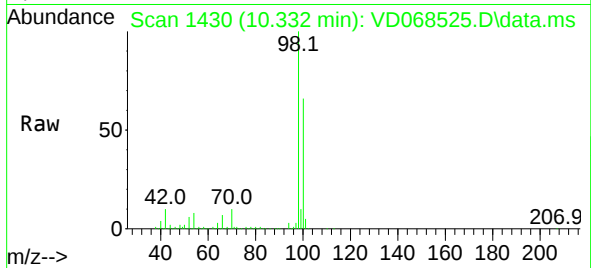




#51
4-Methyl-2-Pentanone
Concen: 1.29 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.100 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

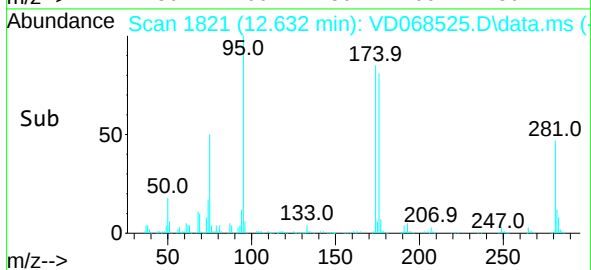
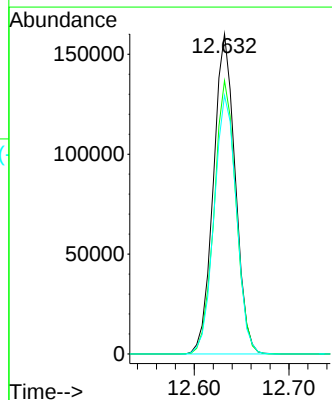
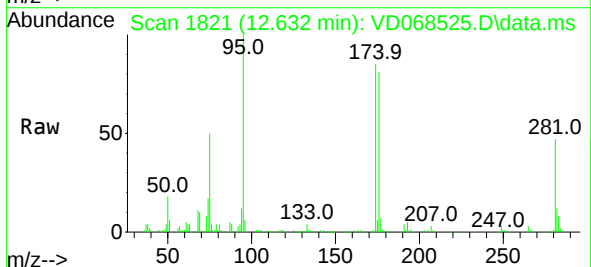
Instrument :
MSVOA_D
ClientSampleId :

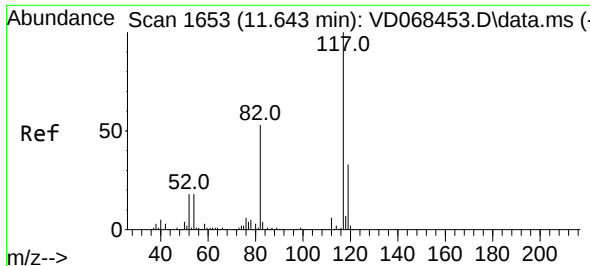
Tgt Ion: 43 Resp: 2433
Ion Ratio Lower Upper
43 100
58 244.9 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 53.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Tgt Ion: 95 Resp: 255969
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.4
176 82.5 0.0 168.4

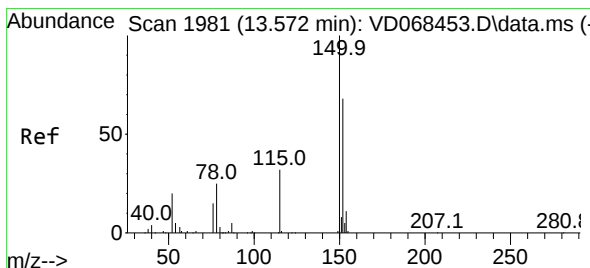
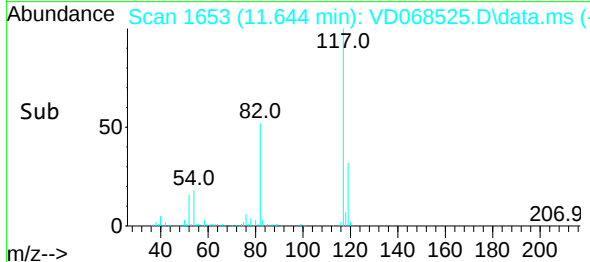
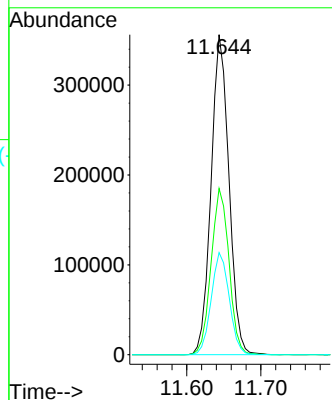
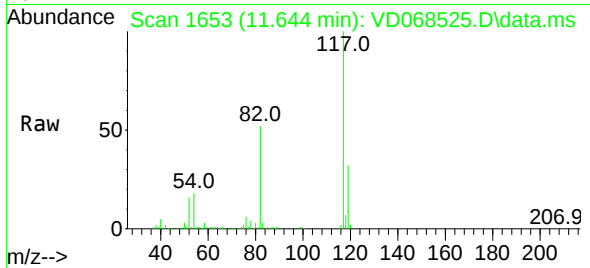




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

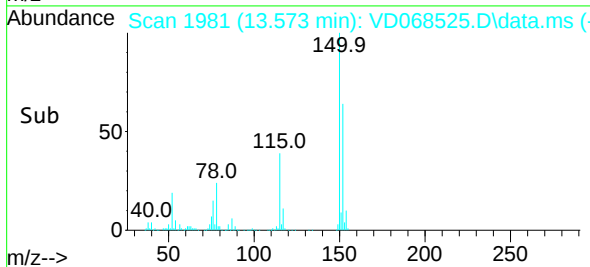
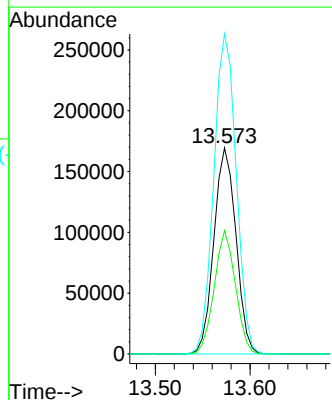
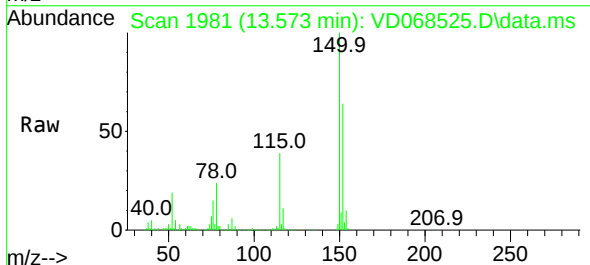
Instrument :
MSVOA_D
ClientSampled :

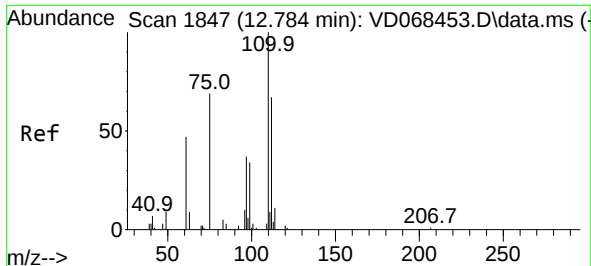
Tgt Ion:117 Resp: 595380
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.0
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Tgt Ion:152 Resp: 274828
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.8
150 158.1 0.0 344.4

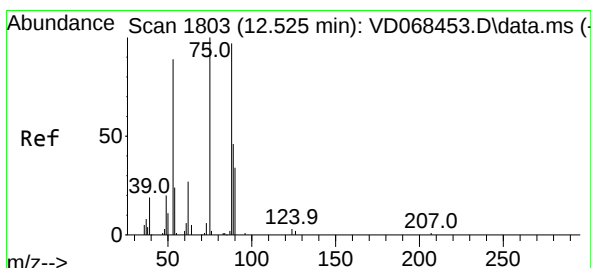
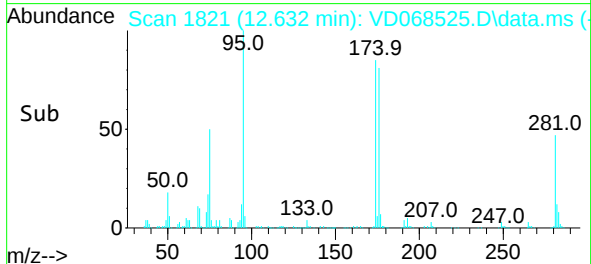
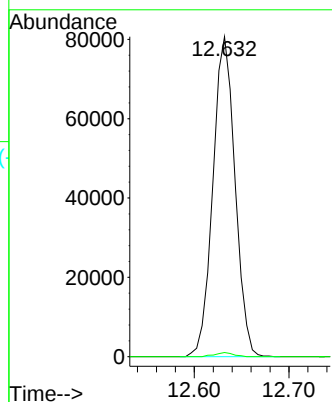
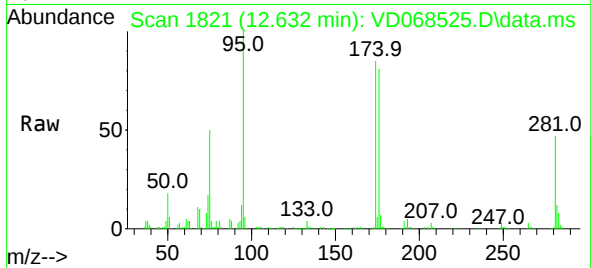




#76
1,2,3-Trichloropropane
Concen: 53.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 130902
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Tgt Ion: 75 Resp: 130902
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.7 40.3 60.5#

