

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068387.D
 Acq On : 17 Feb 2021 17:08
 Operator : VA/SY
 Sample : M1441-01
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-234-A

Quant Time: Feb 18 00:13:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

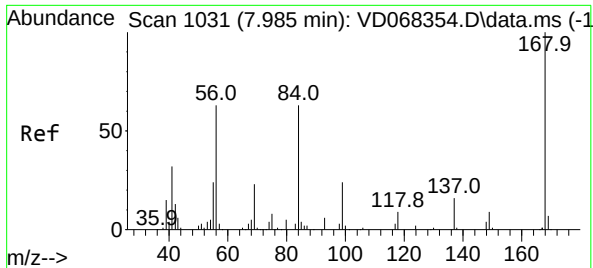
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	382454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	748046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	701983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	306168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	233249	59.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.32%
35) Dibromofluoromethane	7.920	113	232995	52.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.94%
50) Toluene-d8	10.344	98	952702	51.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.54%
62) 4-Bromofluorobenzene	12.632	95	299237	49.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.84%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	3199	5.30	ug/l #	67
20) Methylene Chloride	4.961	84	8048	Below	Cal	92
31) Cyclohexane	7.979	56	8784	Below	Cal #	30
36) 1,1-Dichloropropene	7.985	75	31966	4.83	ug/l #	48
38) Carbon Tetrachloride	7.979	117	38482	6.10	ug/l #	14
51) 4-Methyl-2-Pentanone	10.338	43	3733	1.70	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	153622	52.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	153622	132.17	ug/l #	13

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

Quant Time: Feb 18 00:13:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

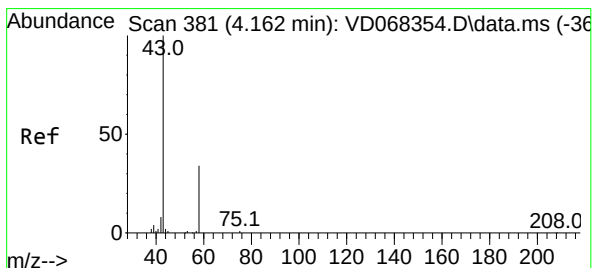
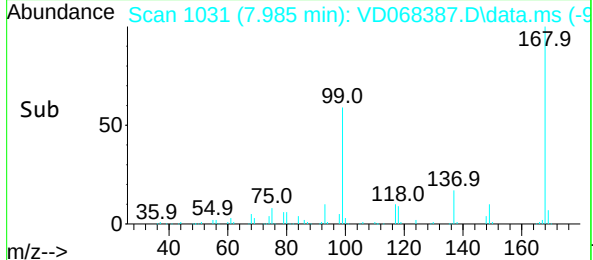
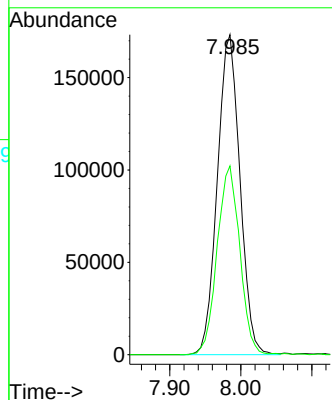
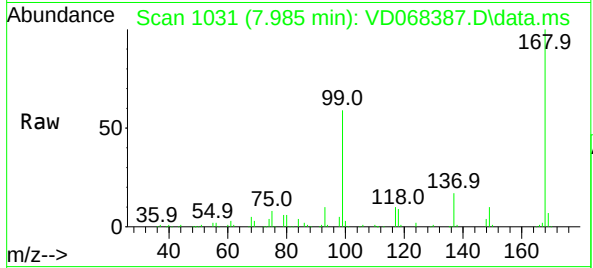




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

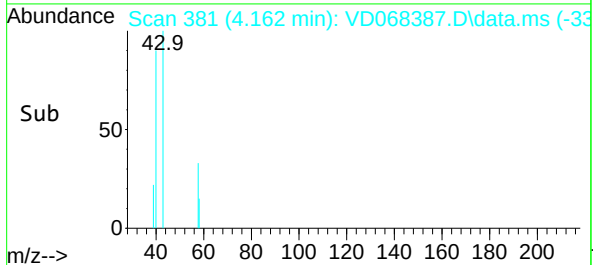
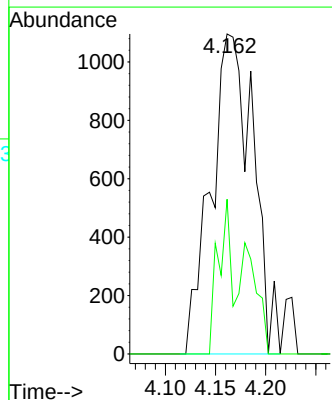
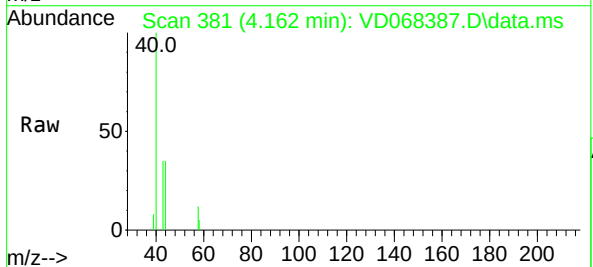
Instrument :
MSVOA_D
ClientSampled :
SP-234-A

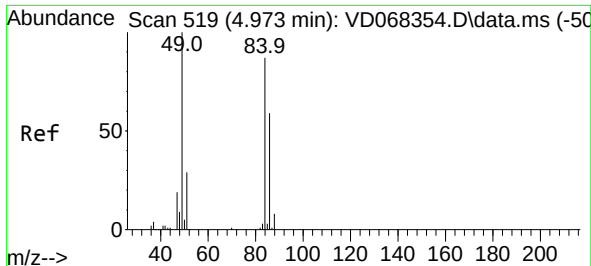
Tgt Ion:168 Resp: 382454
Ion Ratio Lower Upper
168 100
99 59.0 43.5 65.3



#16
Acetone
Concen: 5.30 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

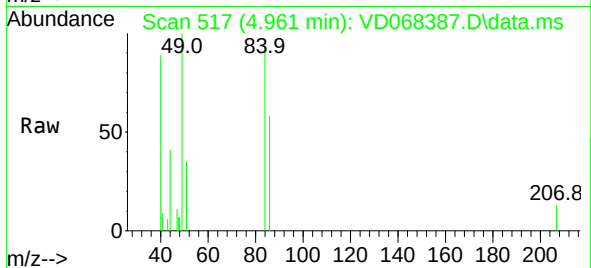
Tgt Ion: 43 Resp: 3199
Ion Ratio Lower Upper
43 100
58 48.4 24.2 36.4#



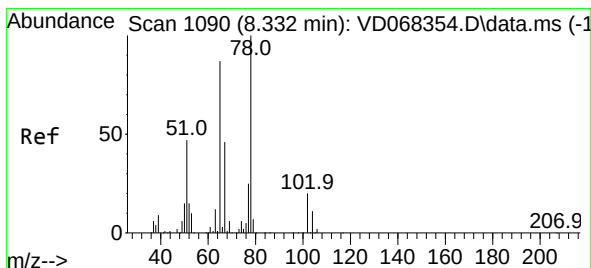
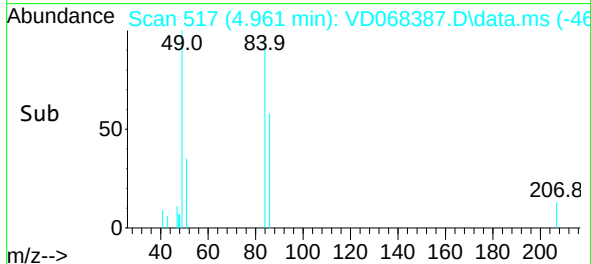
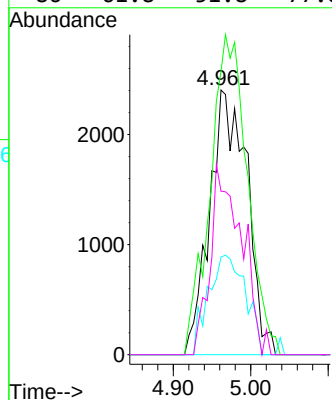


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Instrument :
MSVOA_D
ClientSampleId :
SP-234-A

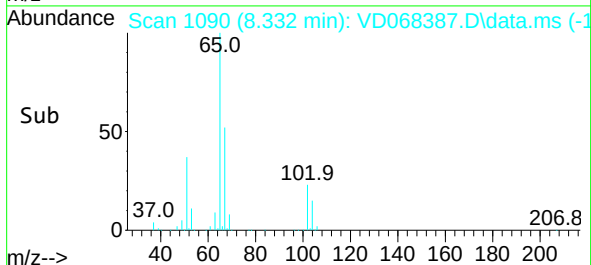
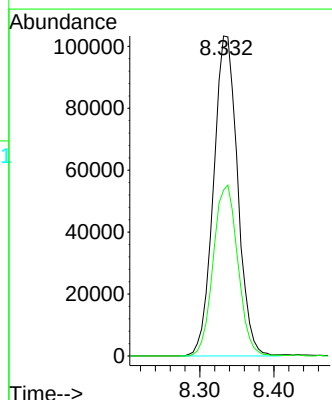
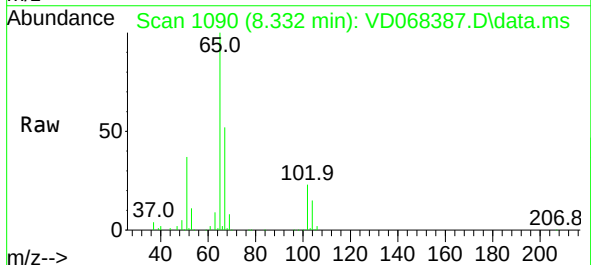


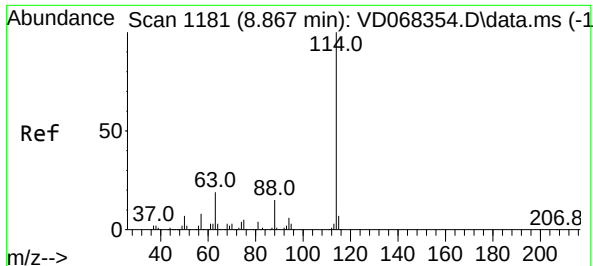
Tgt Ion:	84	Resp:	8048
Ion	Ratio	Lower	Upper
84	100		
49	106.9	77.4	116.2
51	36.9	26.1	39.1
86	61.8	51.8	77.8



#33
1,2-Dichloroethane-d4
Concen: 59.66 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Tgt Ion:	65	Resp:	233249
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.0

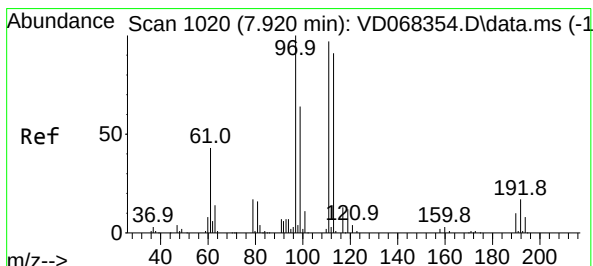
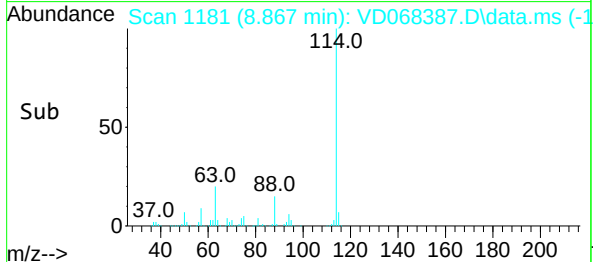
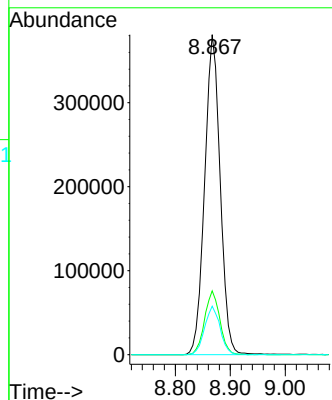
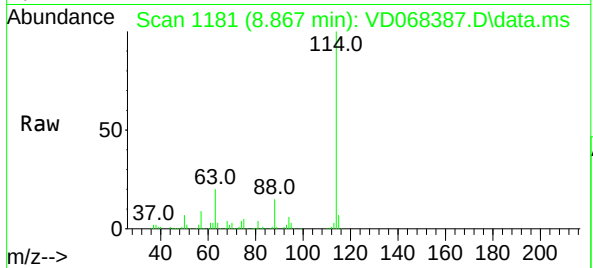




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

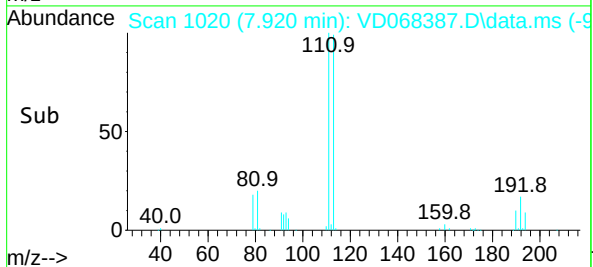
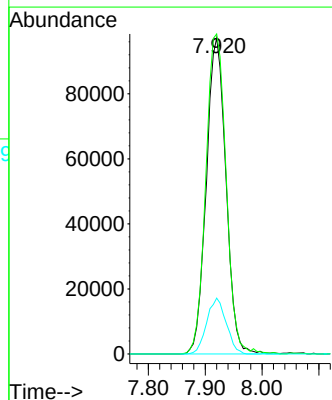
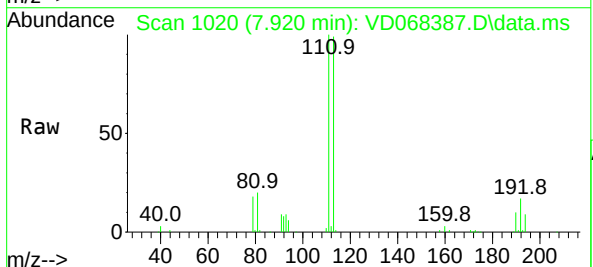
Instrument :
MSVOA_D
ClientSampleId :
SP-234-A

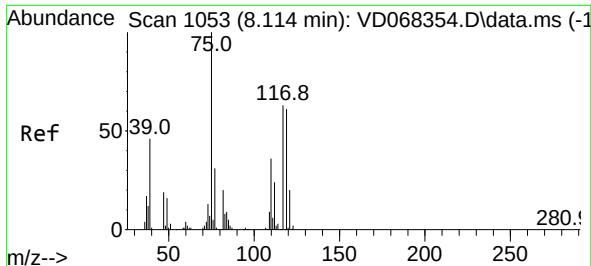
Tgt Ion:114 Resp: 748046
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 15.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.47 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Tgt Ion:113 Resp: 232995
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 17.5 16.1 24.1

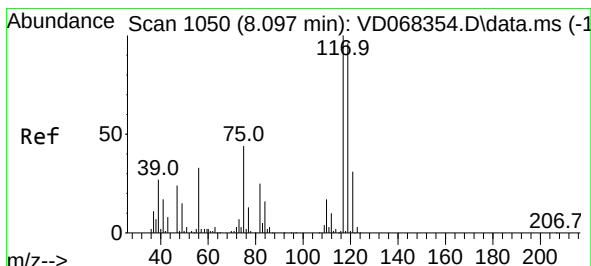
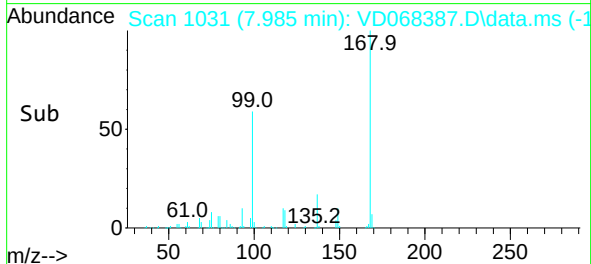
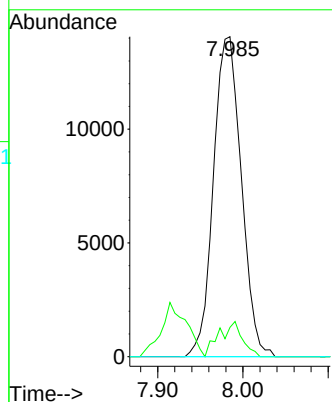
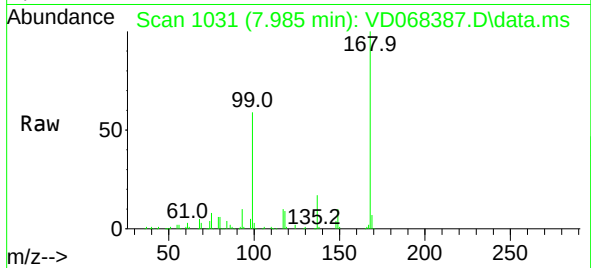




#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.130 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

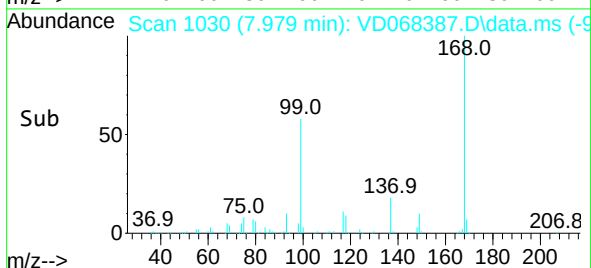
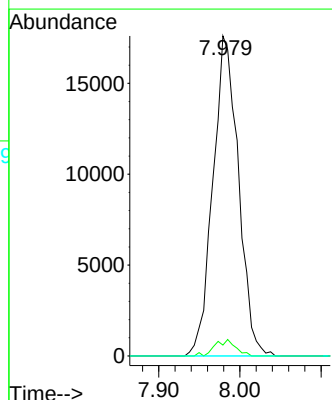
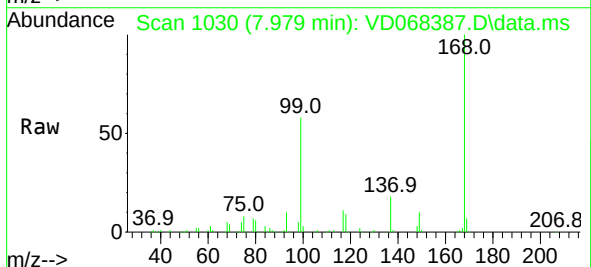
Instrument :
MSVOA_D
ClientSampleId :
SP-234-A

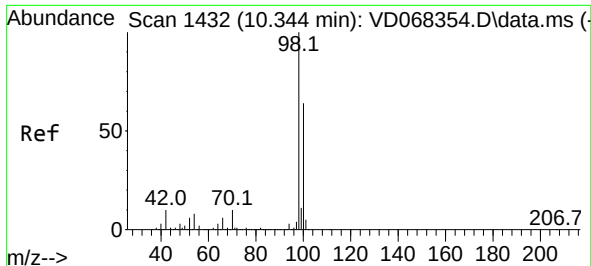
Tgt Ion: 75 Resp: 31966
Ion Ratio Lower Upper
75 100
110 9.2 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Tgt Ion: 117 Resp: 38482
Ion Ratio Lower Upper
117 100
119 3.4 77.3 115.9#
121 0.0 24.7 37.1#

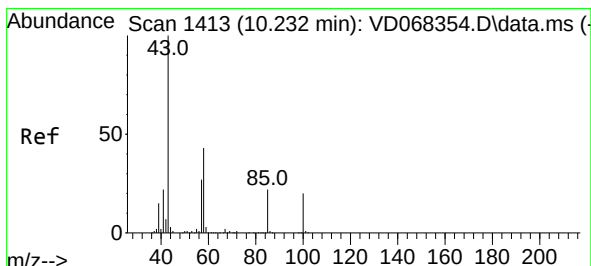
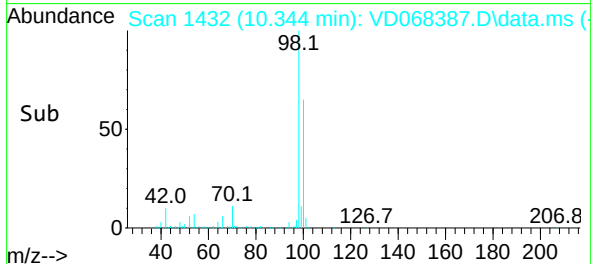
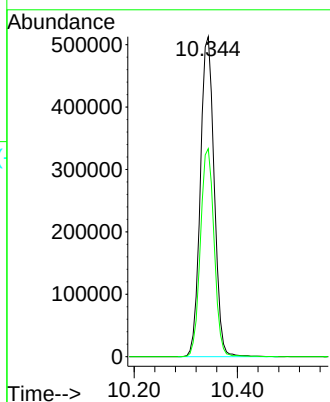
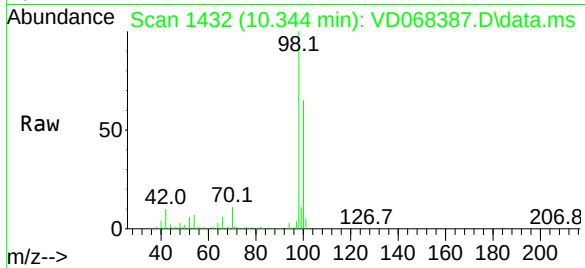




#50
Toluene-d8
Concen: 51.77 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

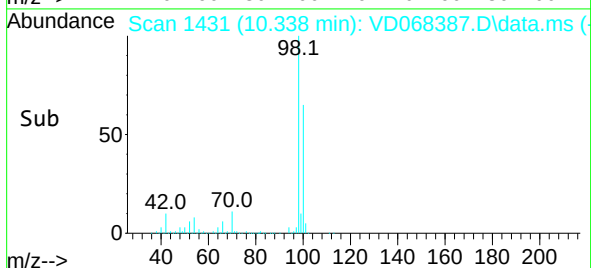
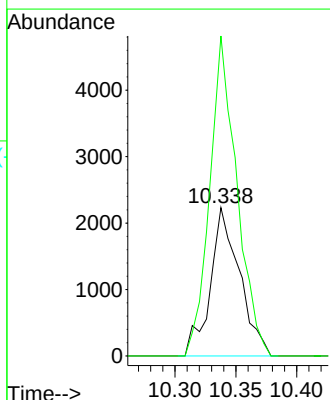
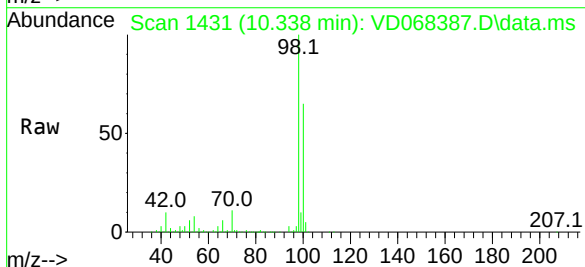
Instrument :
MSVOA_D
ClientSampled :
SP-234-A

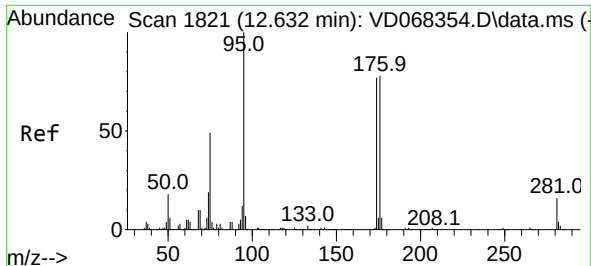
Tgt Ion: 98 Resp: 952702
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.70 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Tgt Ion: 43 Resp: 3733
Ion Ratio Lower Upper
43 100
58 201.0 36.1 54.1#

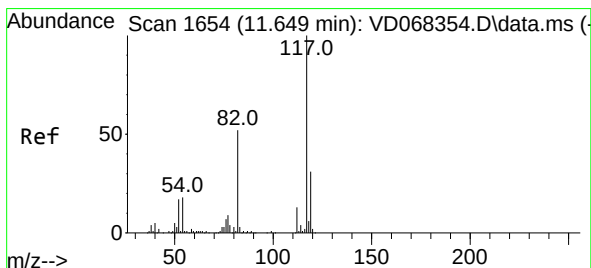
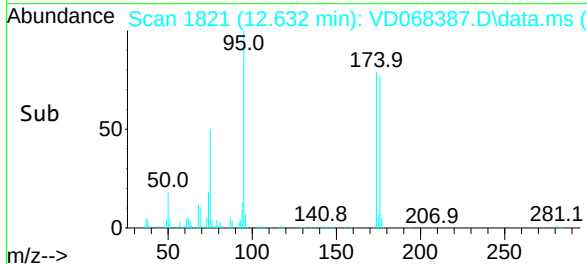
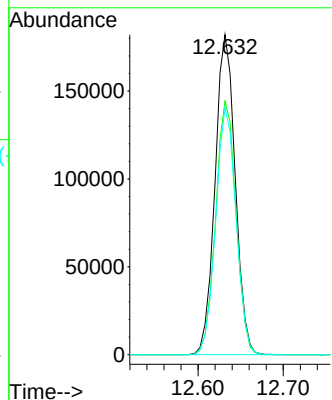
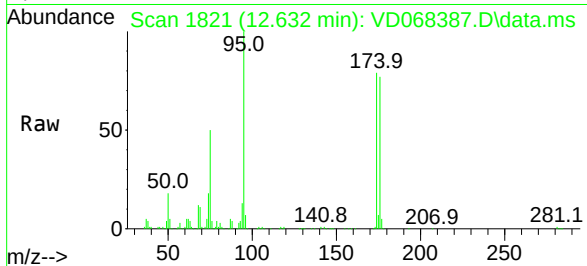




#62
4-Bromofluorobenzene
Concen: 49.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

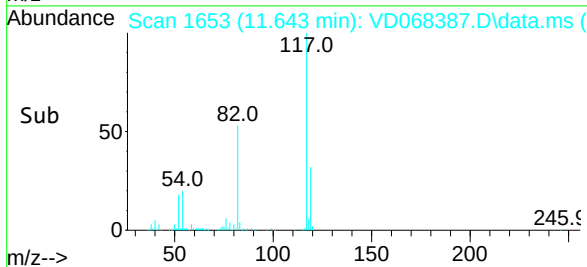
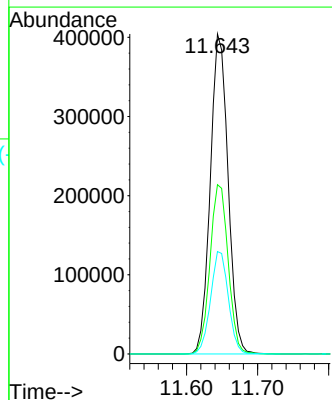
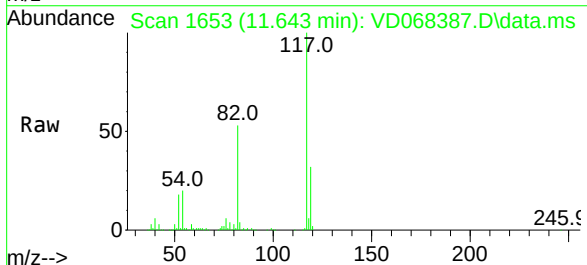
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ClientSampleId :
SP-234-A

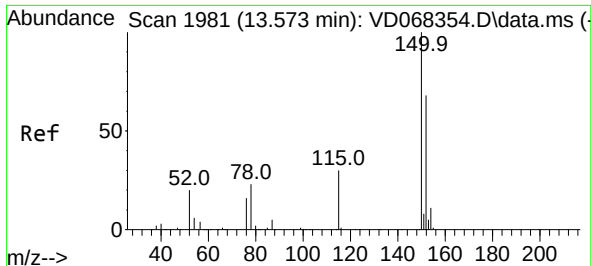
Tgt Ion: 95 Resp: 299237
Ion Ratio Lower Upper
95 100
174 80.2 0.0 172.4
176 77.7 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Tgt Ion: 117 Resp: 701983
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 32.0 26.1 39.1

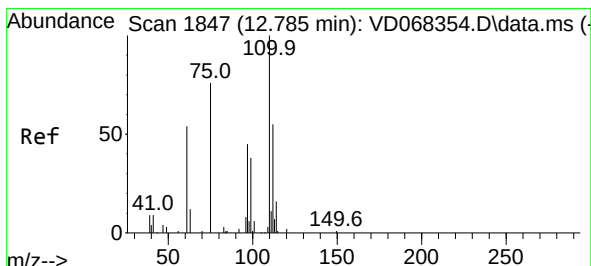
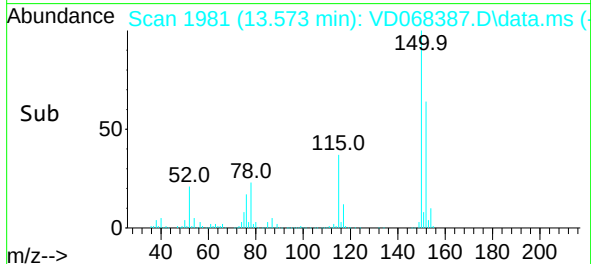
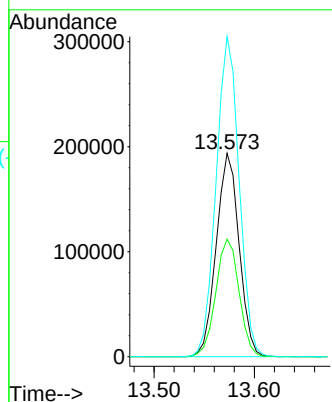
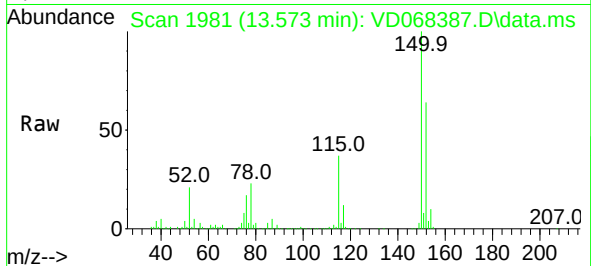




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068387.D
 Acq: 17 Feb 2021 17:08

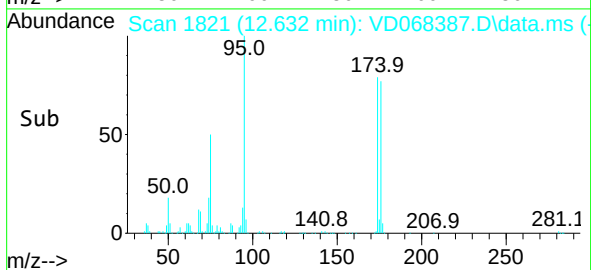
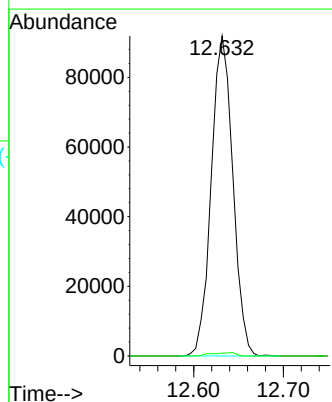
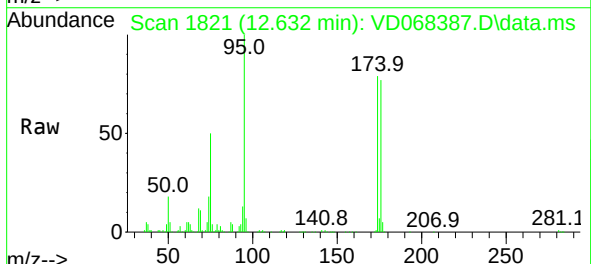
Instrument :
 MSVOA_D
 ClientSampled :
 SP-234-A

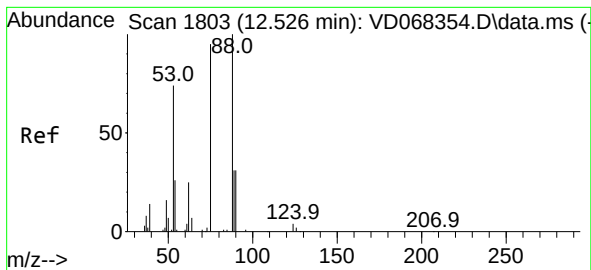
Tgt Ion:152 Resp: 306168
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.9 86.8
 150 158.4 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 52.73 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068387.D
 Acq: 17 Feb 2021 17:08

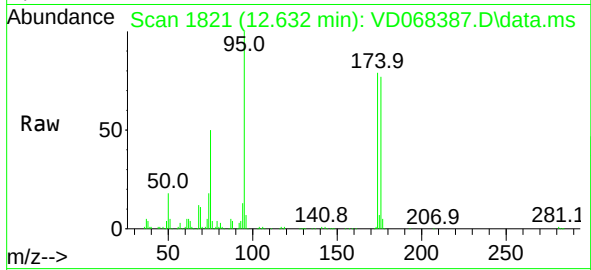
Tgt Ion: 75 Resp: 153622
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.17 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068387.D
 Acq: 17 Feb 2021 17:08

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-234-A



Tgt Ion: 75 Resp: 153622
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

