

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068248.D
 Acq On : 29 Jan 2021 19:04
 Operator : VA/SY
 Sample : M1286-22
 Misc : 4.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

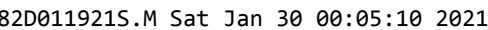
Quant Time: Jan 30 00:05:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

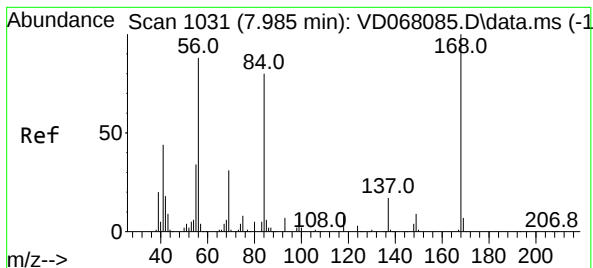
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	336785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	598233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	542096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	239561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	196906	61.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.24%
35) Dibromofluoromethane	7.920	113	177919	53.79	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.58%
50) Toluene-d8	10.344	98	742827	56.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.30%
62) 4-Bromofluorobenzene	12.632	95	245230	51.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.94%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.209	59	722	Below Cal	#	74
16) Acetone	4.162	43	6682	11.62	ug/l	97
20) Methylene Chloride	4.973	84	7833	Below Cal	#	85
31) Cyclohexane	7.979	56	7529	1.08	ug/l	# 1
36) 1,1-Dichloropropene	7.979	75	27915	4.63	ug/l	# 46
38) Carbon Tetrachloride	7.985	117	34298	6.07	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.344	43	2812	1.36	ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	123243	53.21	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	123243	107.67	ug/l	# 13

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

Quant Time: Jan 30 00:05:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

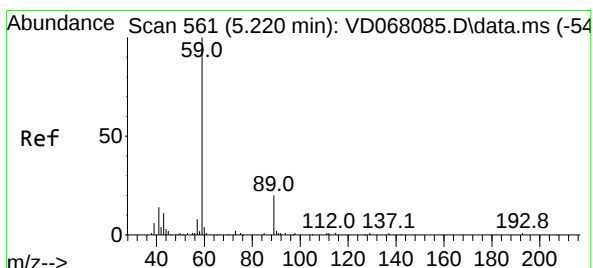
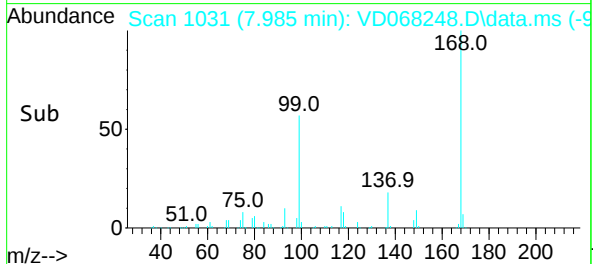
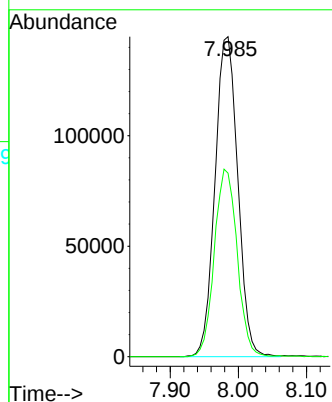
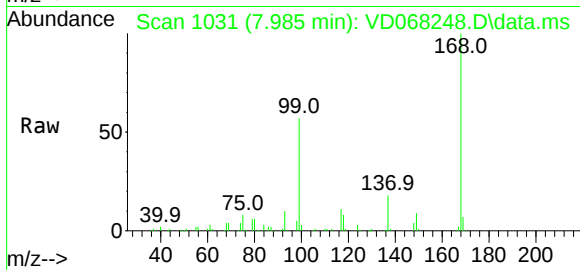




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

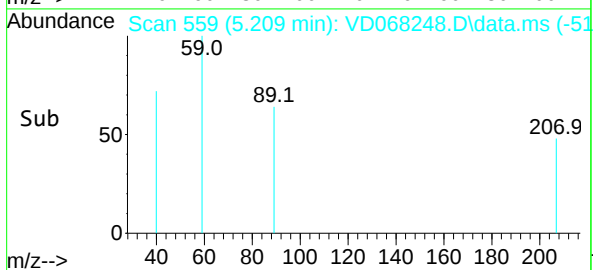
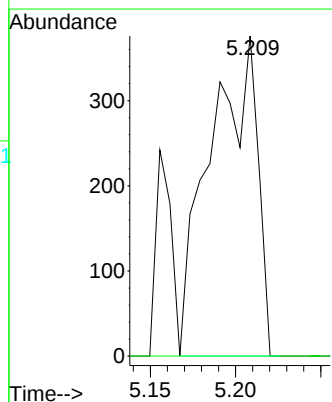
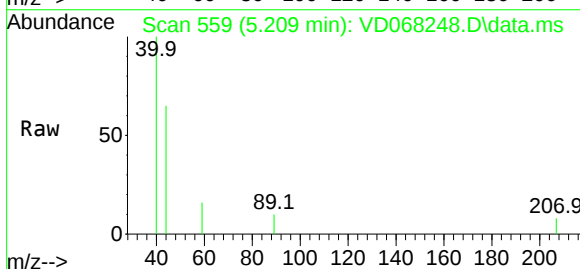
Instrument :
MSVOA_D
ClientSampled :

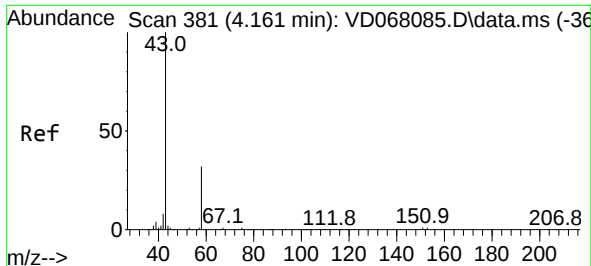
Tgt Ion:168 Resp: 336785
Ion Ratio Lower Upper
168 100
99 57.3 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

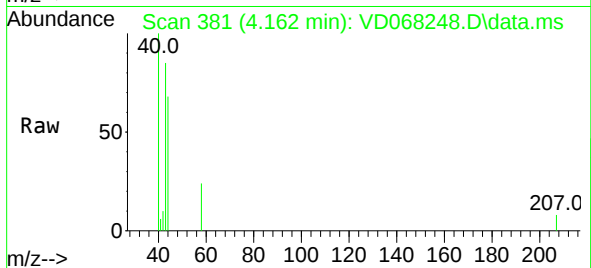
Tgt Ion: 59 Resp: 722
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



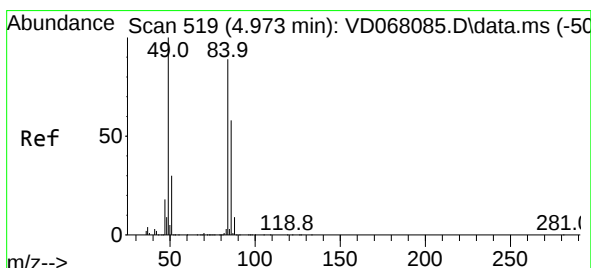
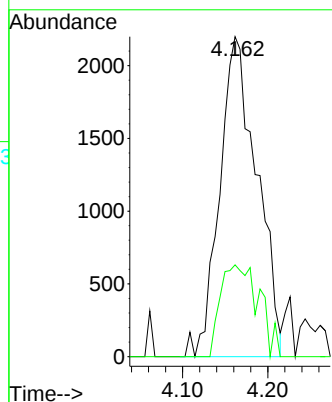
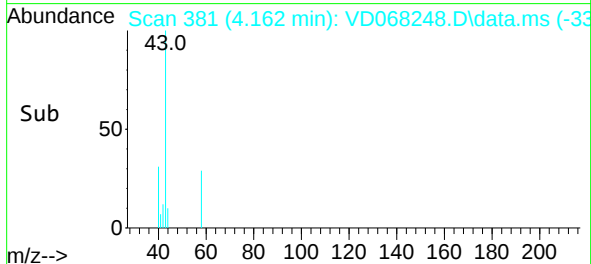


#16
Acetone
Concen: 11.62 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

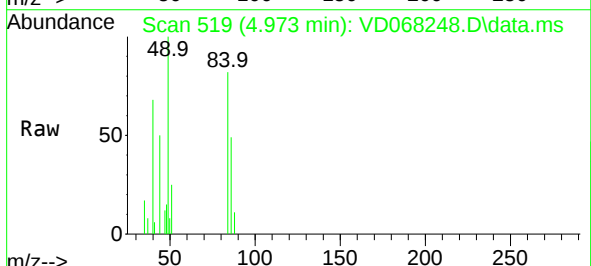
Instrument :
MSVOA_D
ClientSampled :



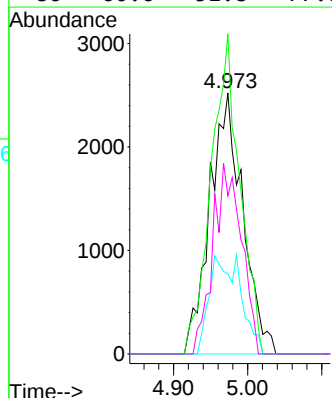
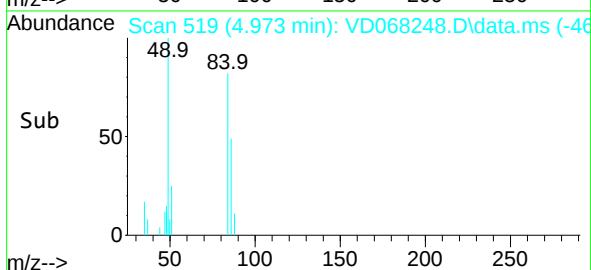
Tgt Ion: 43 Resp: 6682
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.4

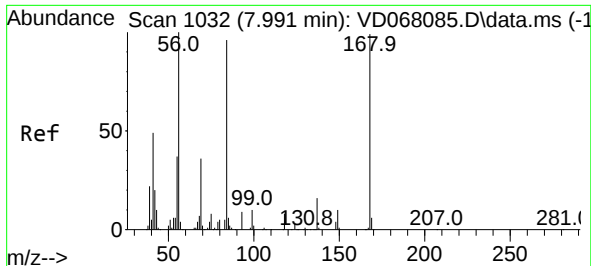


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04



Tgt Ion: 84 Resp: 7833
Ion Ratio Lower Upper
84 100
49 122.6 77.4 116.2#
51 30.7 26.1 39.1
86 60.6 51.8 77.8

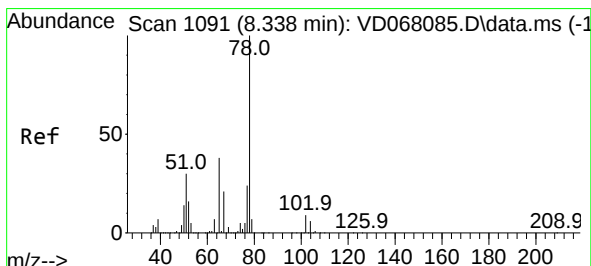
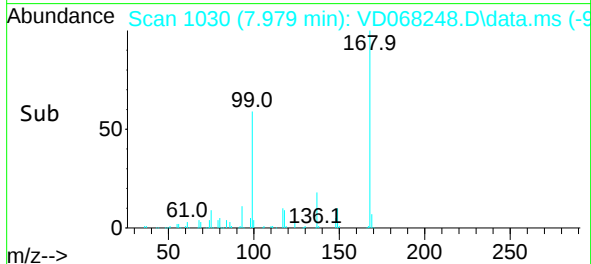
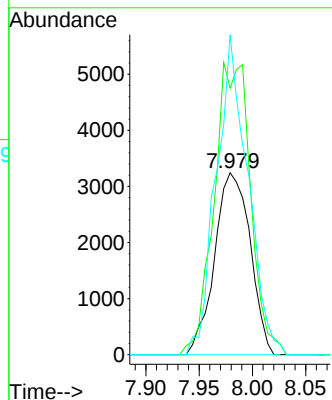
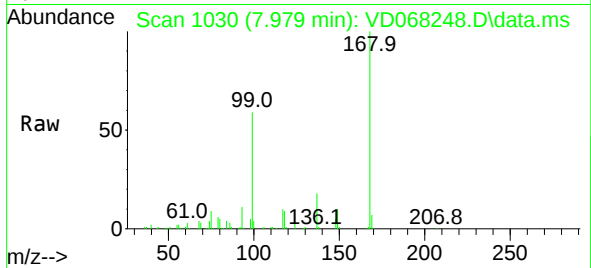




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

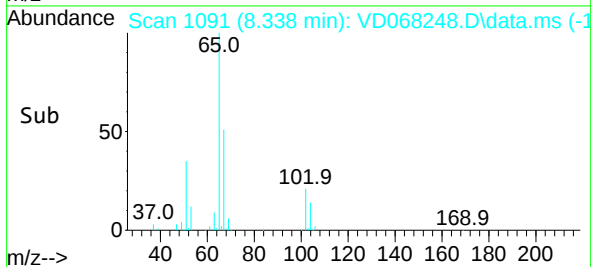
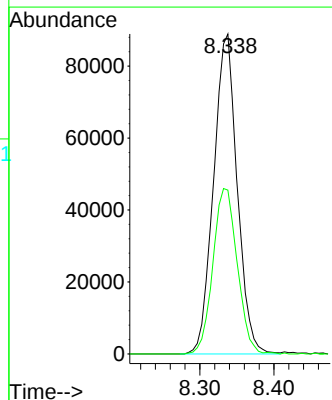
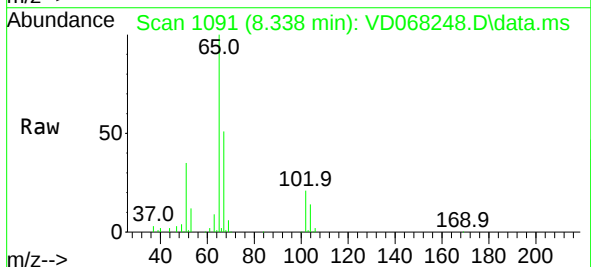
Instrument :
MSVOA_D
ClientSampled :

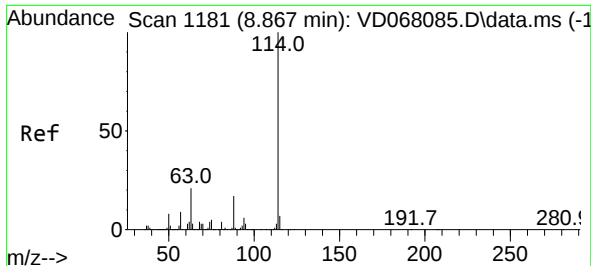
Tgt Ion: 56 Resp: 7529
Ion Ratio Lower Upper
56 100
69 146.6 30.1 45.1#
84 175.9 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 61.12 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

Tgt Ion: 65 Resp: 196906
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0

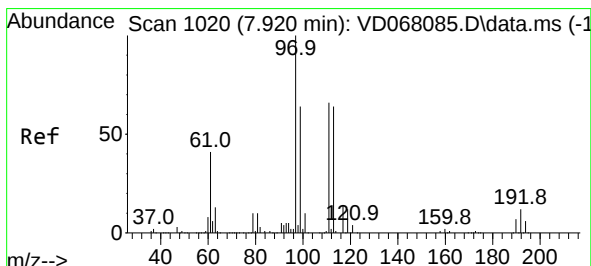
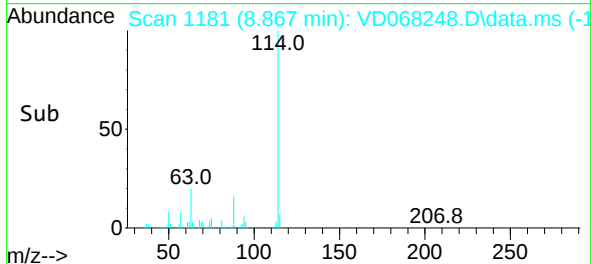
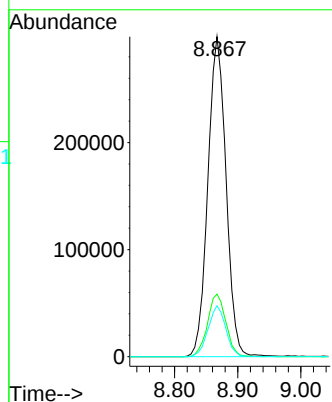
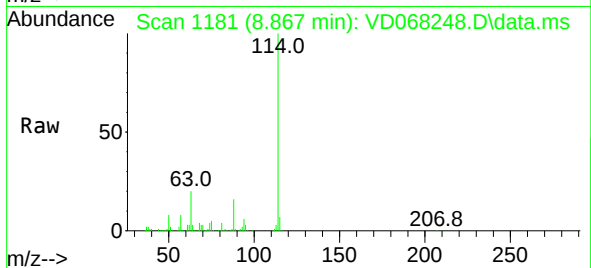




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

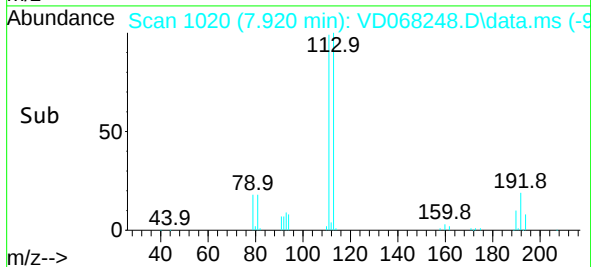
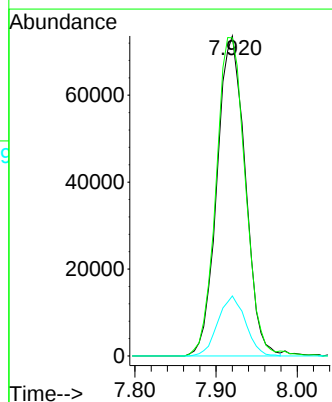
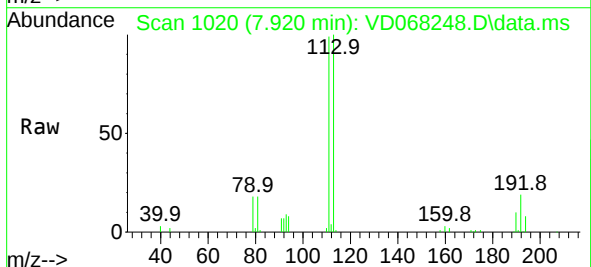
Instrument :
MSVOA_D
ClientSampled :

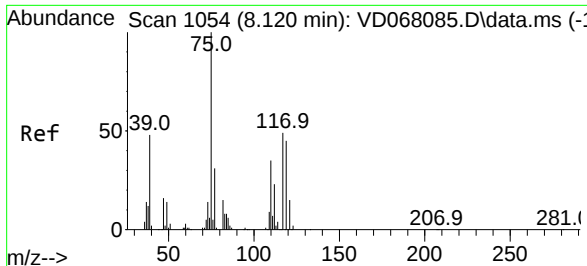
Tgt Ion:114 Resp: 598233
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 15.9 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.79 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

Tgt Ion:113 Resp: 177919
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 18.3 16.1 24.1

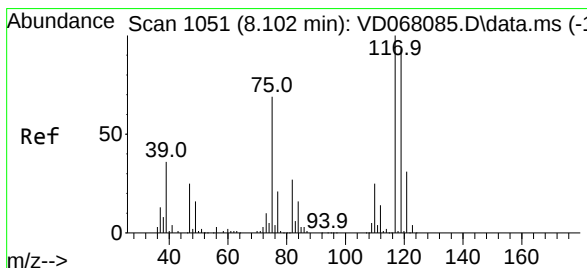
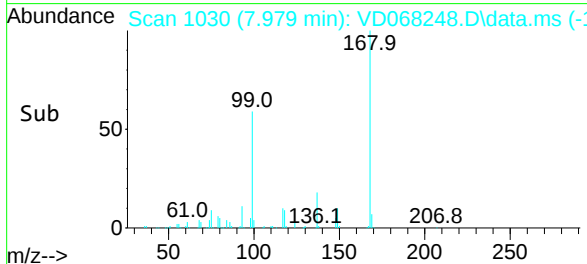
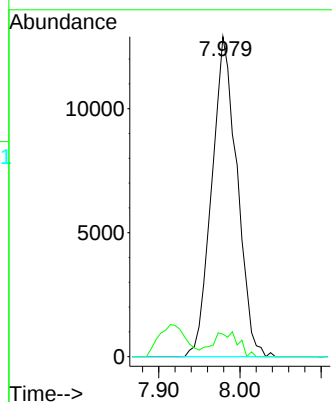
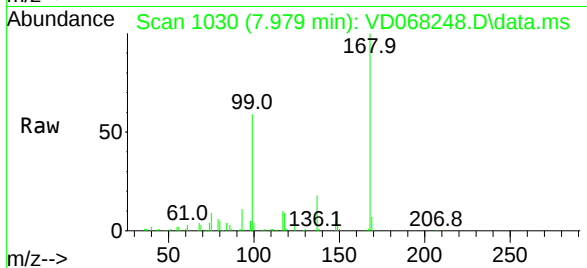




#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

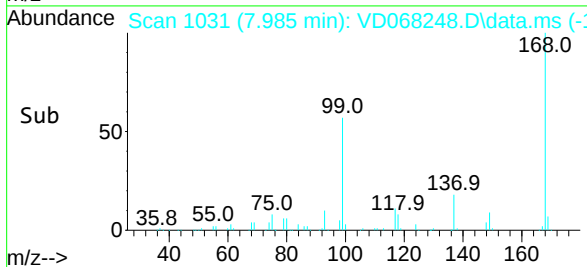
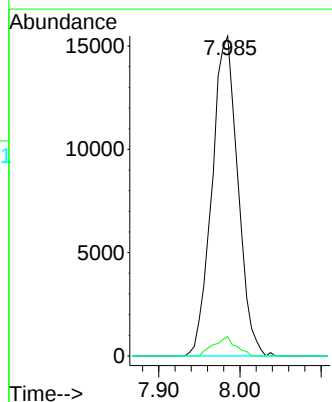
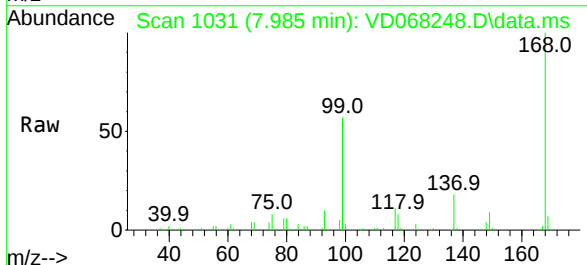
Instrument :
MSVOA_D
ClientSampled :

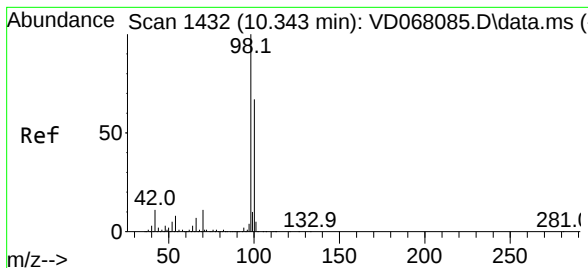
Tgt Ion: 75 Resp: 27915
Ion Ratio Lower Upper
75 100
110 7.9 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

Tgt Ion: 117 Resp: 34298
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.7 37.1#

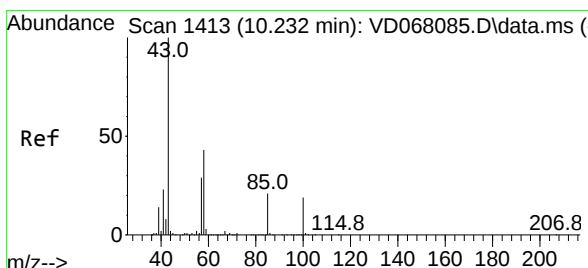
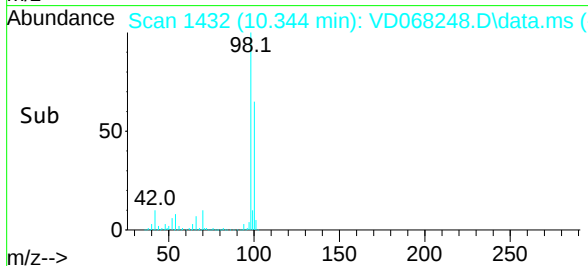
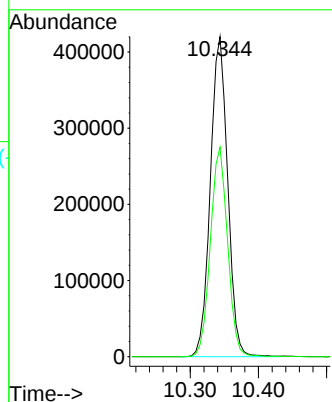
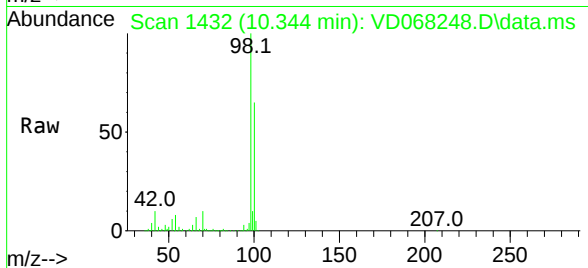




#50
Toluene-d8
Concen: 56.15 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

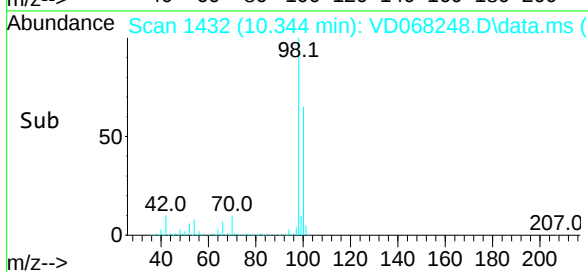
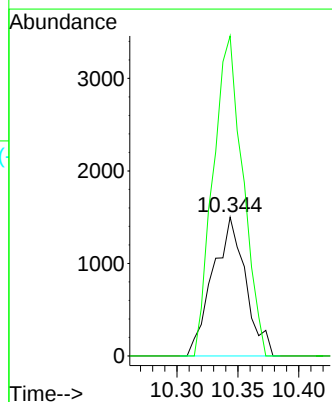
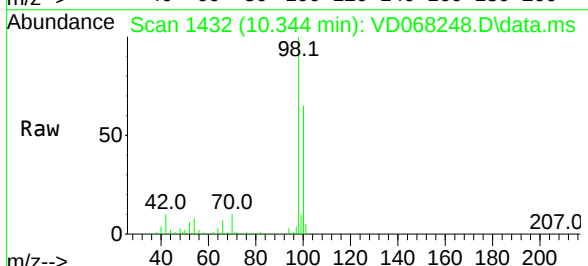
Instrument :
MSVOA_D
ClientSampled :

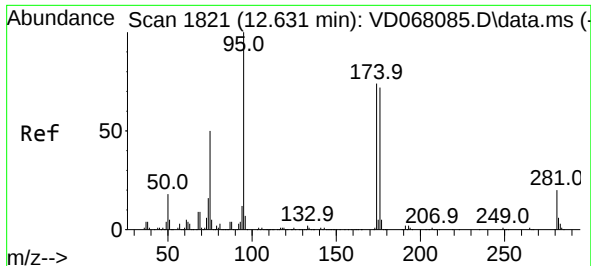
Tgt Ion: 98 Resp: 742827
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.36 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

Tgt Ion: 43 Resp: 2812
Ion Ratio Lower Upper
43 100
58 208.7 36.1 54.1#

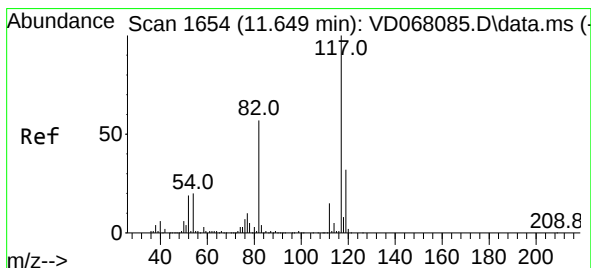
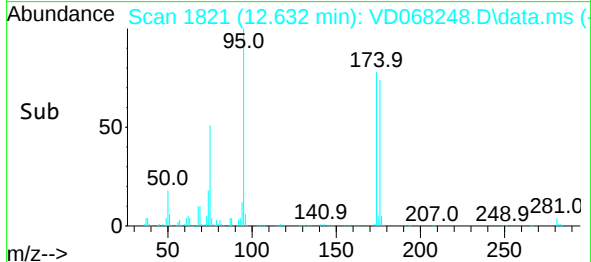
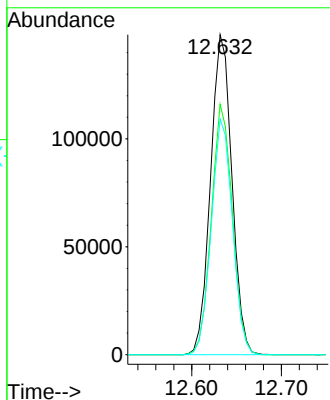
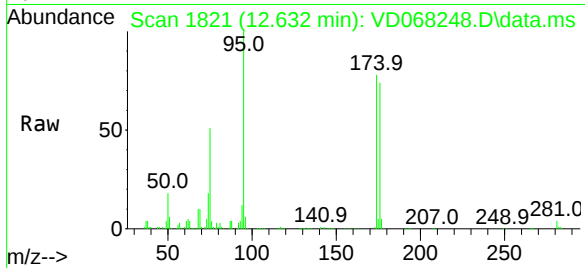




#62
4-Bromofluorobenzene
Concen: 51.47 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

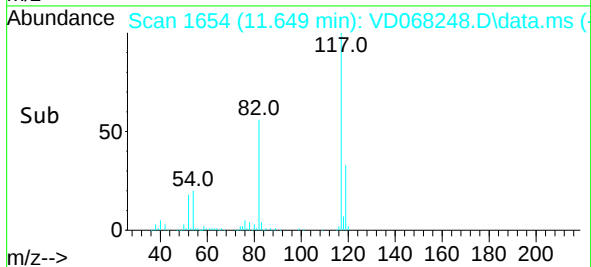
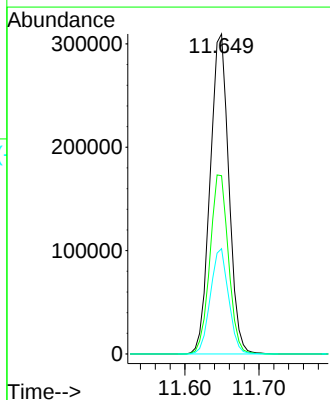
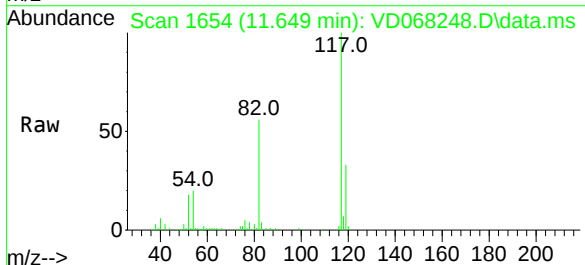
Instrument :
MSVOA_D
ClientSampleId :

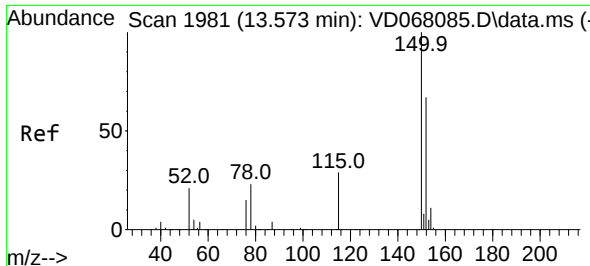
Tgt Ion: 95 Resp: 245230
Ion Ratio Lower Upper
95 100
174 77.0 0.0 172.4
176 73.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

Tgt Ion: 117 Resp: 542096
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.0
119 32.9 26.1 39.1

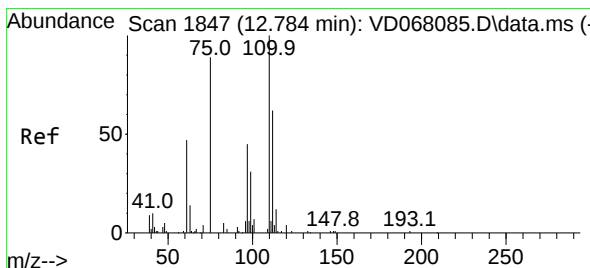
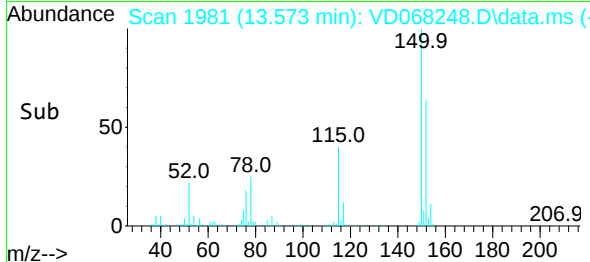
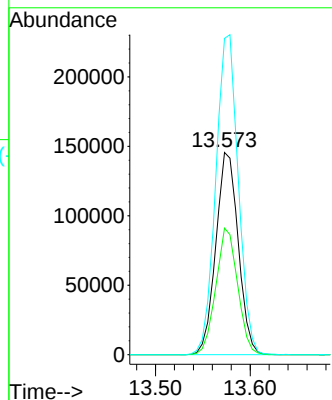
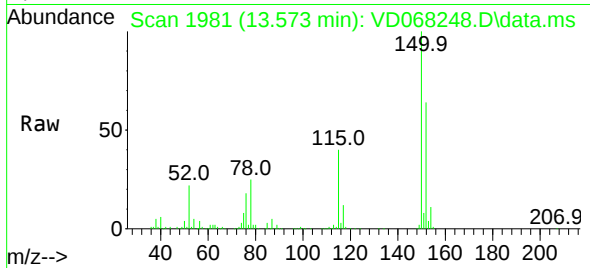




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

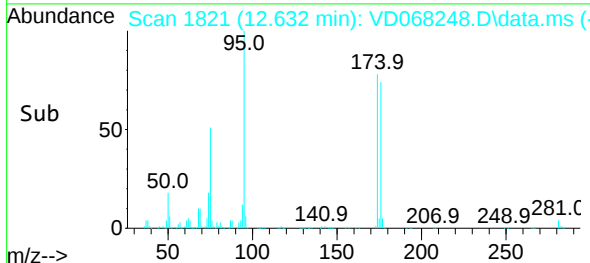
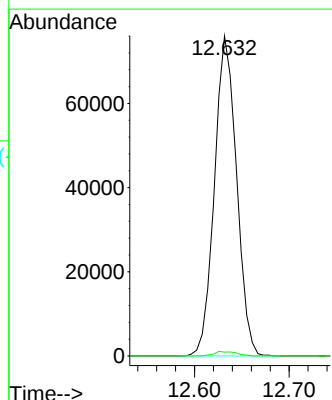
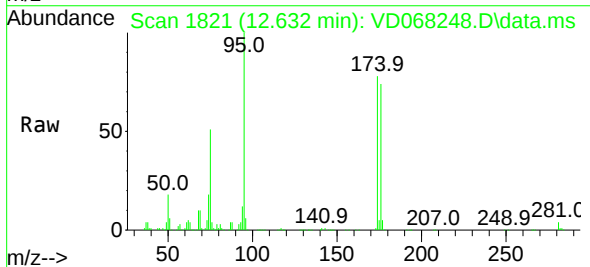
Instrument :
MSVOA_D
ClientSampleId :

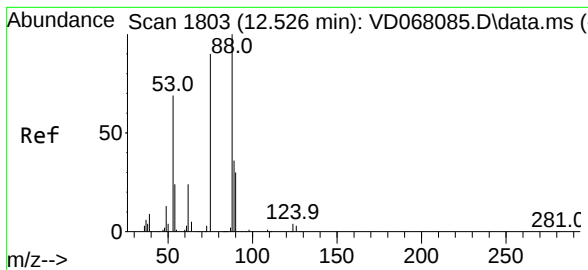
Tgt Ion:152 Resp: 239561
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.8
150 158.9 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068248.D
Acq: 29 Jan 2021 19:04

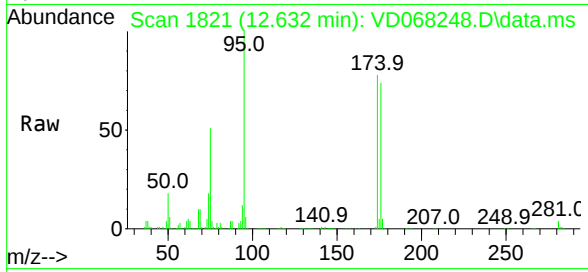
Tgt Ion: 75 Resp: 123243
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.67 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068248.D
 Acq: 29 Jan 2021 19:04

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 123243
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

