

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068806.D
 Acq On : 09 Apr 2021 12:17
 Operator : VA/SY
 Sample : VD0409SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBL01

Quant Time: Apr 10 00:40:29 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)

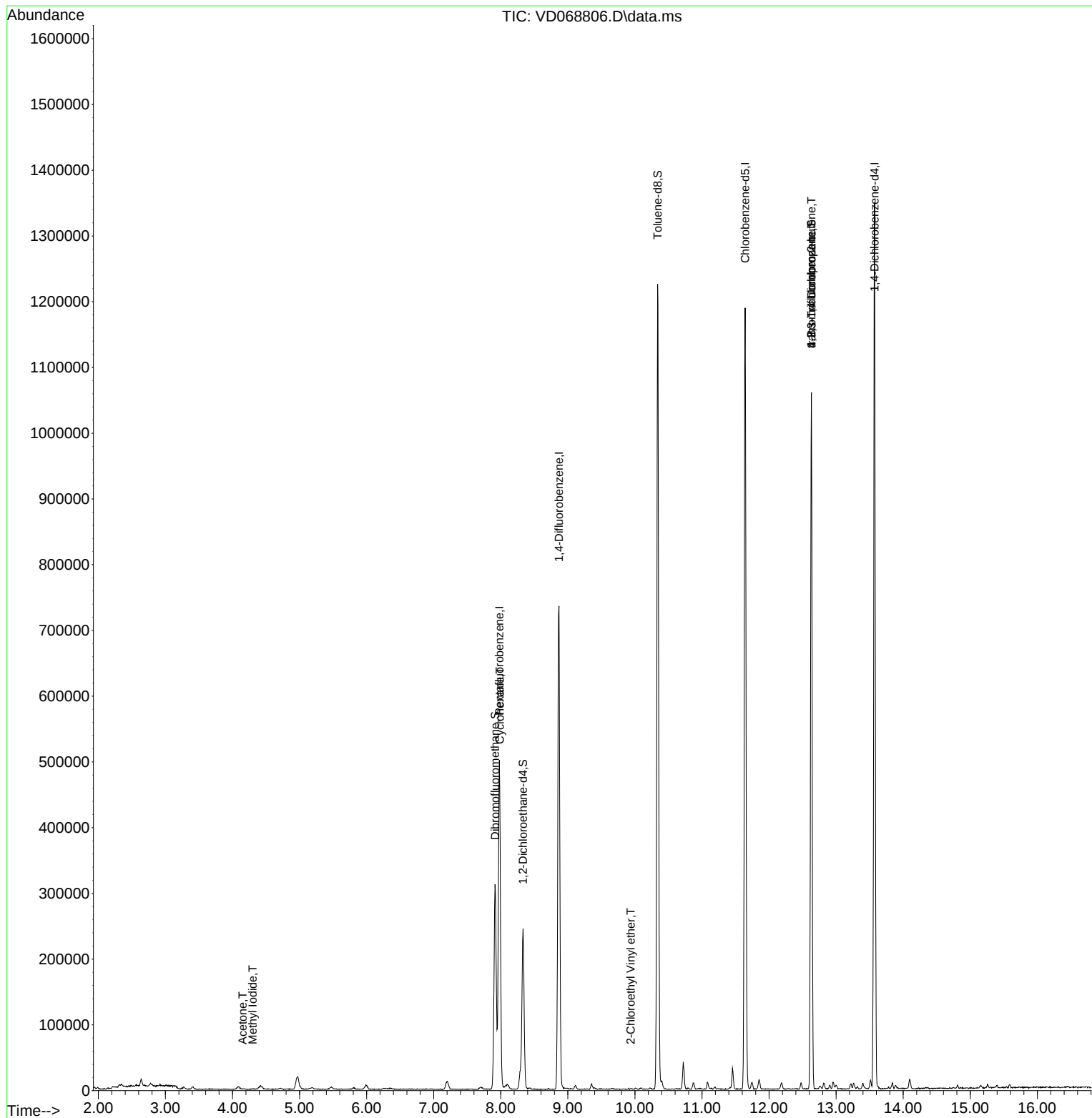
Internal Standards						
1) Pentafluorobenzene	7.979	168	369347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	686082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	741390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	357773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	187810	48.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.22%		
35) Dibromofluoromethane	7.914	113	218001	48.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.70%		
50) Toluene-d8	10.338	98	869423	51.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.30%		
62) 4-Bromofluorobenzene	12.632	95	319129	57.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	114.16%		
Target Compounds						
10) Methyl Iodide	4.303	142	946	2.45	ug/l #	96
11) Tert butyl alcohol	5.238	59	505	Below Cal	#	73
16) Acetone	4.150	43	1125	2.08	ug/l	94
20) Methylene Chloride	4.979	84	17225	Below Cal	#	83
31) Cyclohexane	7.985	56	10333	1.59	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.938	63	452	17.19	ug/l #	71
76) 1,2,3-Trichloropropane	12.632	75	159724	48.87	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	159724	113.41	ug/l #	16

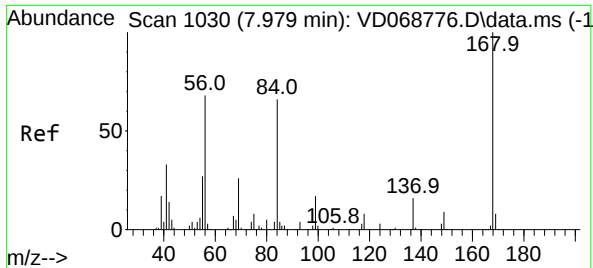
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
Data File : VD068806.D
Acq On : 09 Apr 2021 12:17
Operator : VA/SY
Sample : VD0409SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0409SBL01

Quant Time: Apr 10 00:40:29 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

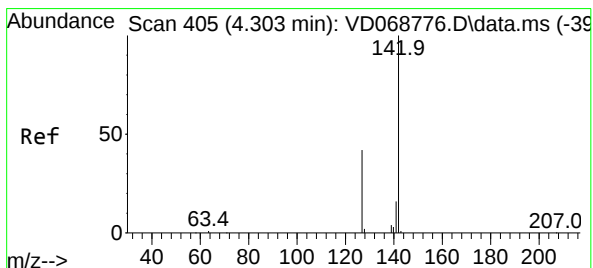
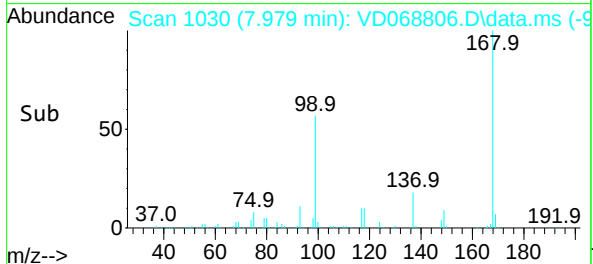
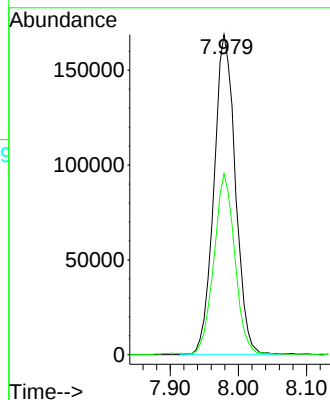
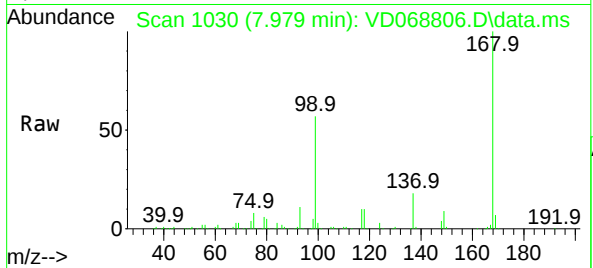




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

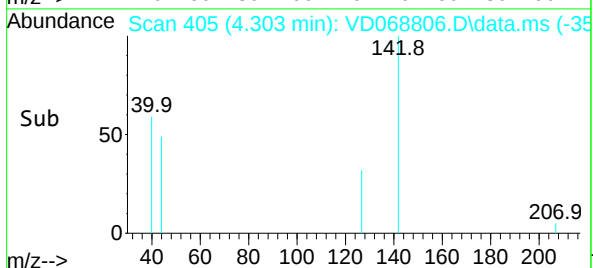
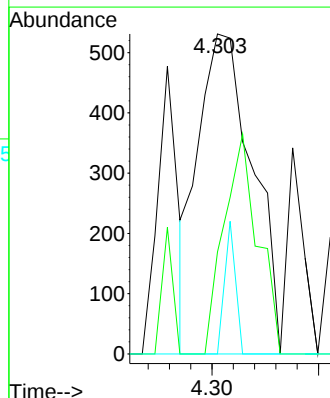
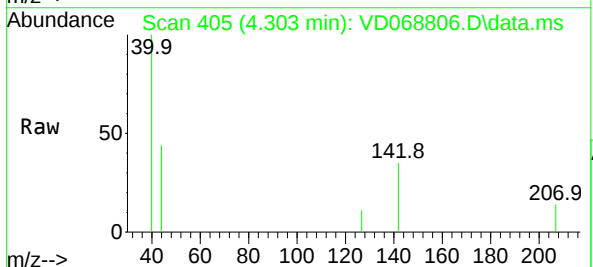
Instrument :
MSVOA_D
ClientSampleId :
VD0409SBL01

Tgt Ion:168 Resp: 369347
Ion Ratio Lower Upper
168 100
99 56.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.45 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Tgt Ion:142 Resp: 946
Ion Ratio Lower Upper
142 100
127 42.8 34.7 52.1
141 8.2 11.0 16.4#

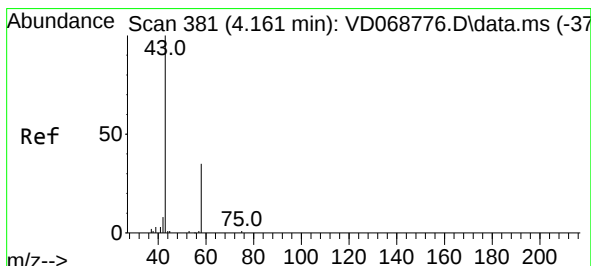
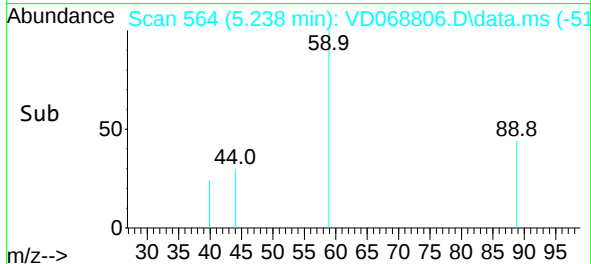
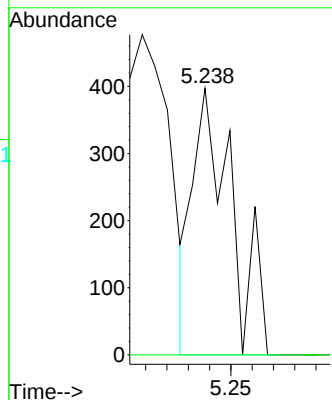
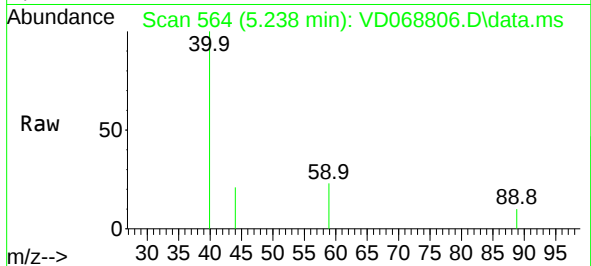




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.018 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

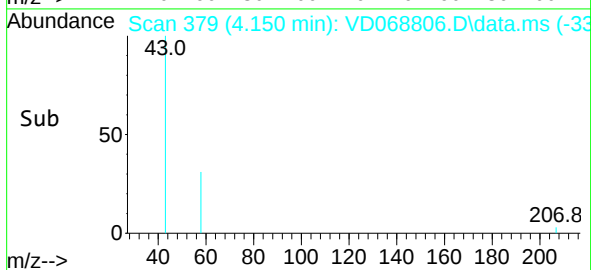
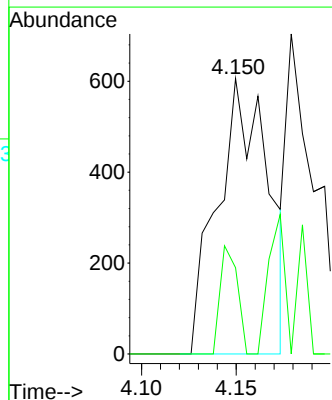
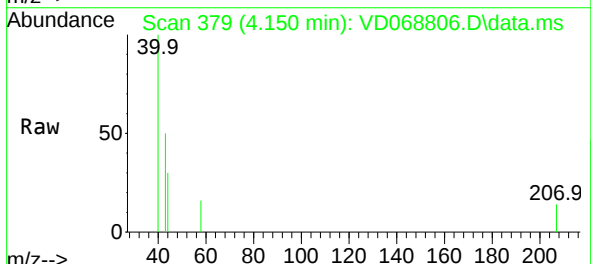
Instrument :
MSVOA_D
ClientSampleId :
VD0409SBL01

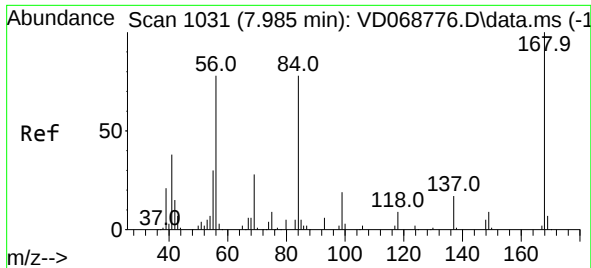
Tgt Ion: 59 Resp: 505
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.08 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0

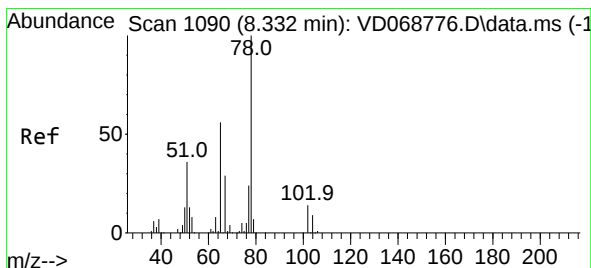
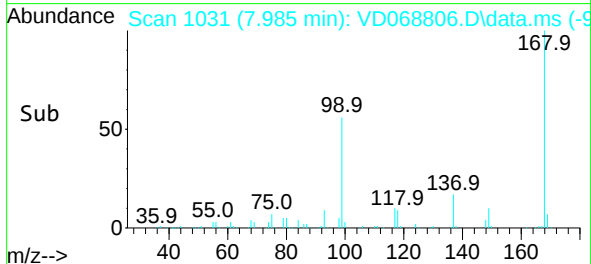
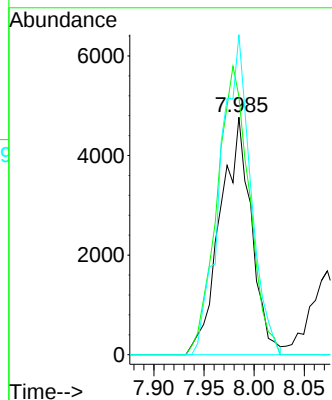
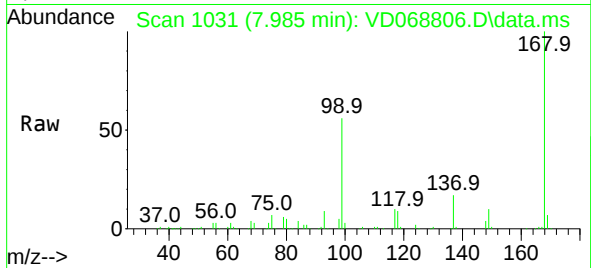




#31
Cyclohexane
Concen: 1.59 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

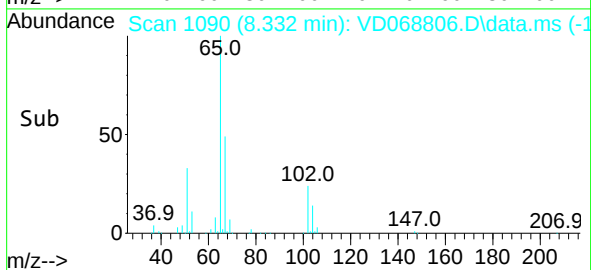
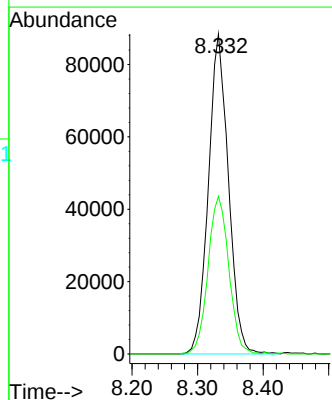
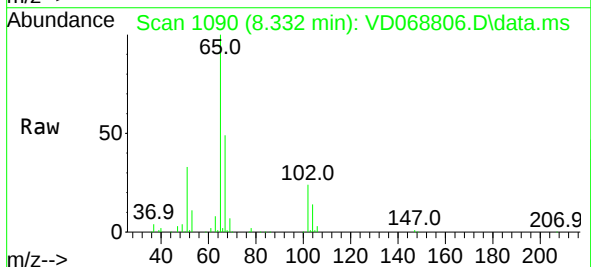
Instrument :
MSVOA_D
ClientSampleId :
VD0409SBL01

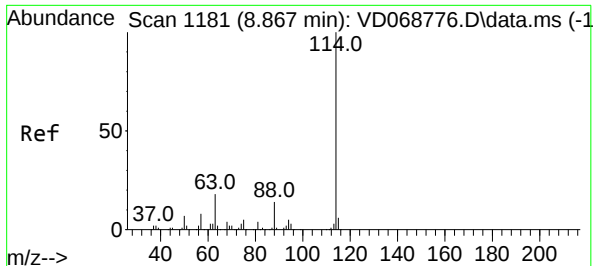
Tgt Ion: 56 Resp: 10333
Ion Ratio Lower Upper
56 100
69 108.8 30.0 45.0#
84 134.7 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 48.11 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Tgt Ion: 65 Resp: 187810
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.0



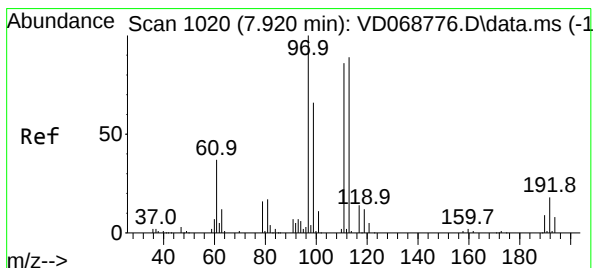
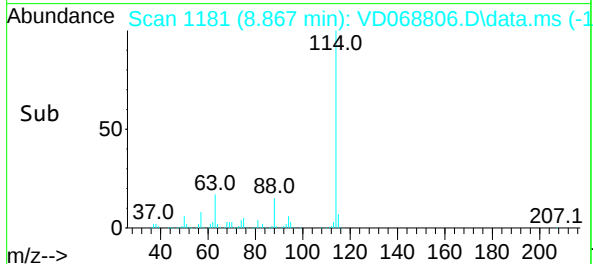
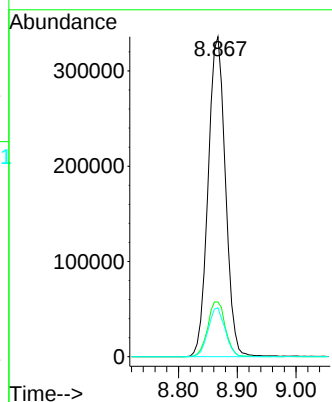
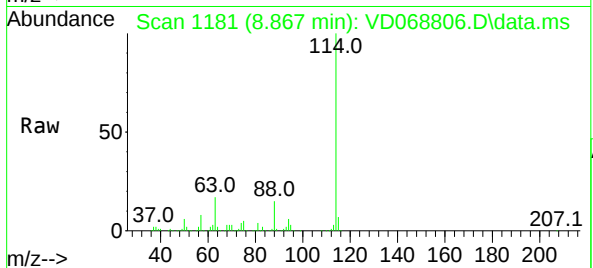


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Instrument :
MSVOA_D
ClientSampleId :
VD0409SBL01

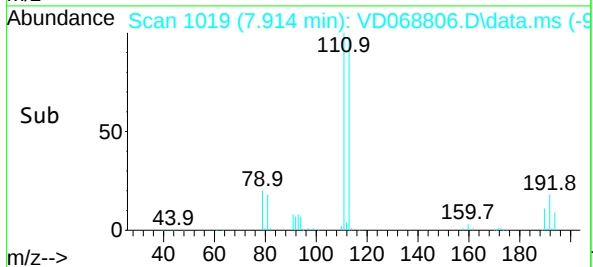
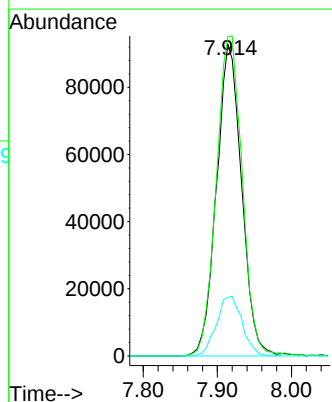
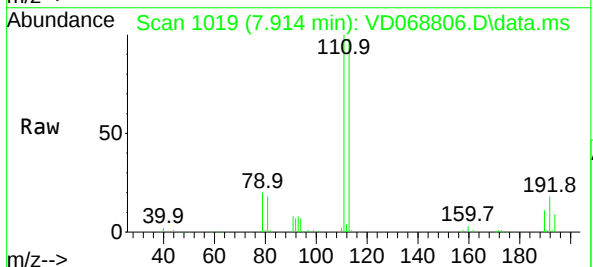
Tgt Ion:114 Resp: 686082
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 15.3 0.0 29.4

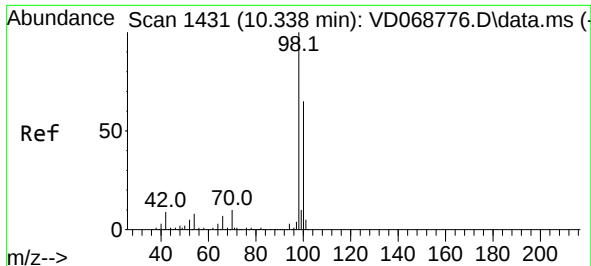


#35

Dibromofluoromethane
Concen: 48.85 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Tgt Ion:113 Resp: 218001
Ion Ratio Lower Upper
113 100
111 106.1 82.5 123.7
192 19.7 15.1 22.7

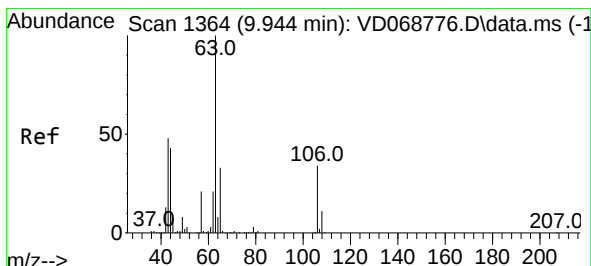
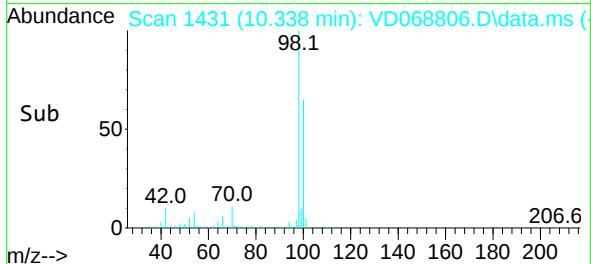
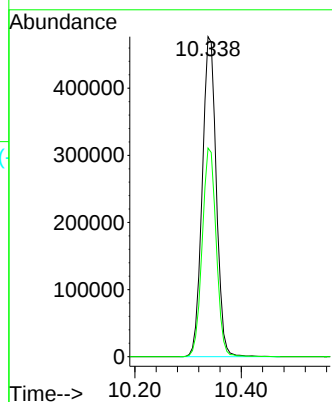
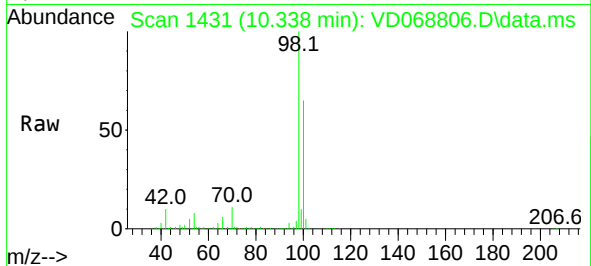




#50
Toluene-d8
Concen: 51.65 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

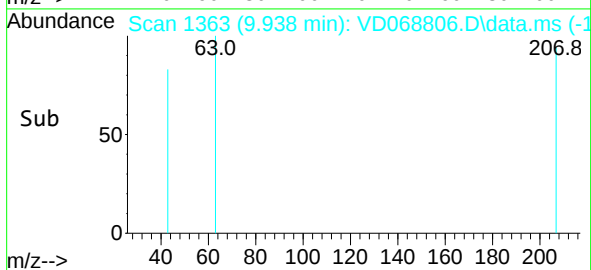
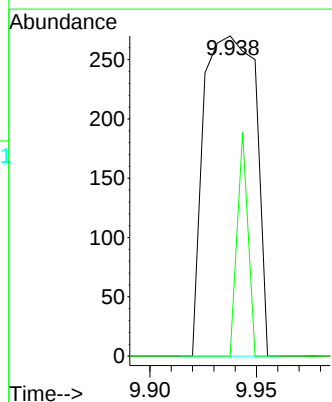
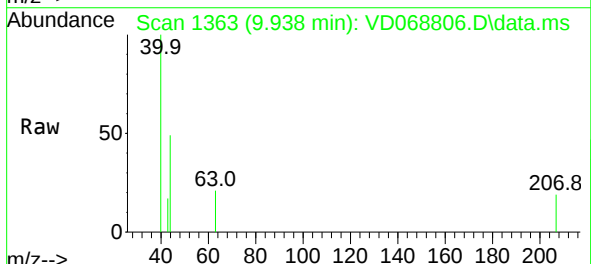
Instrument :
MSVOA_D
ClientSampleId :
VD0409SBL01

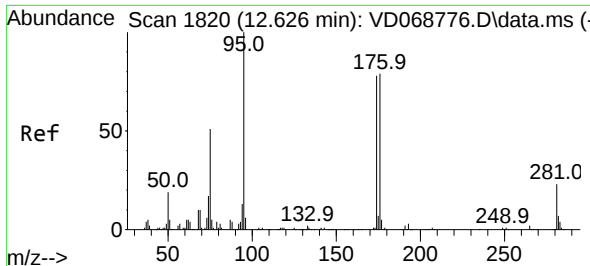
Tgt Ion: 98 Resp: 869423
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.19 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Tgt Ion: 63 Resp: 452
Ion Ratio Lower Upper
63 100
106 14.8 24.6 36.8#

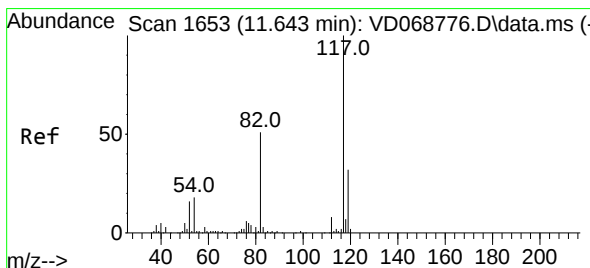
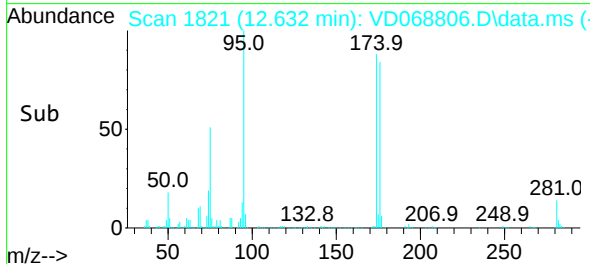
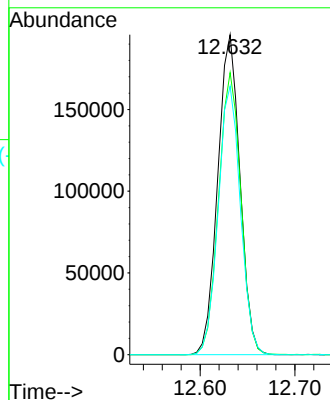
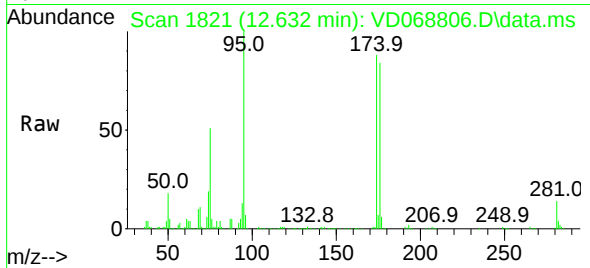




#62
4-Bromofluorobenzene
Concen: 57.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

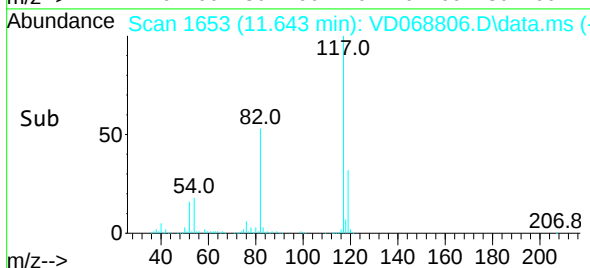
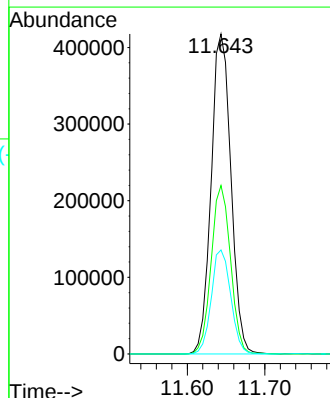
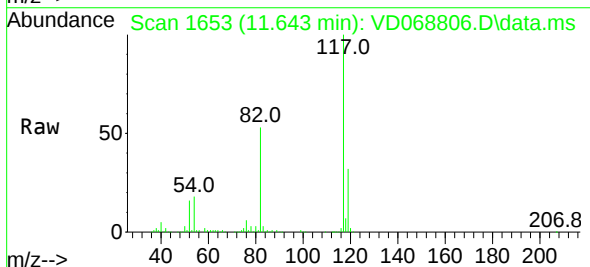
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VD0409SBL01

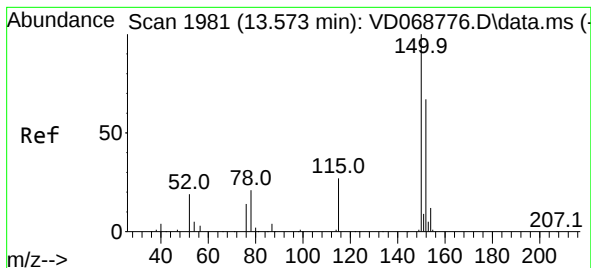
Tgt Ion: 95 Resp: 319129
Ion Ratio Lower Upper
95 100
174 88.3 0.0 168.0
176 83.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Tgt Ion:117 Resp: 741390
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 32.5 26.7 40.1

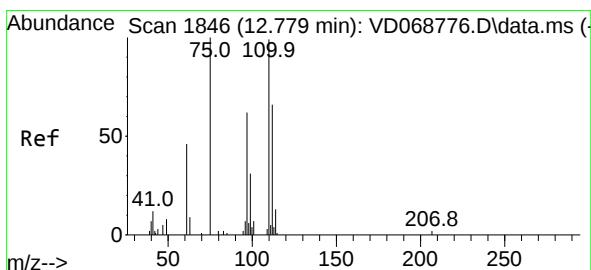
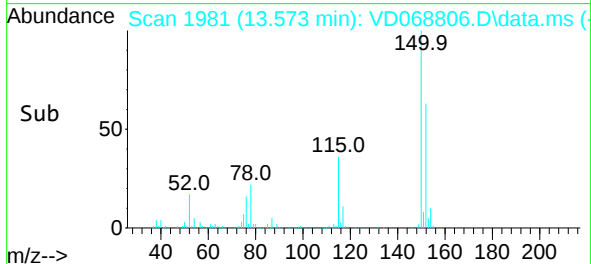
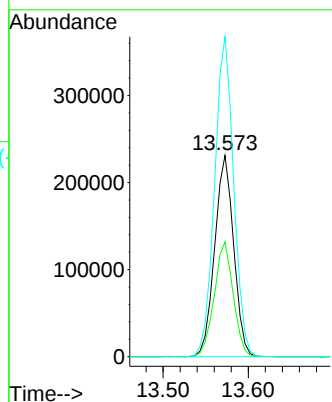
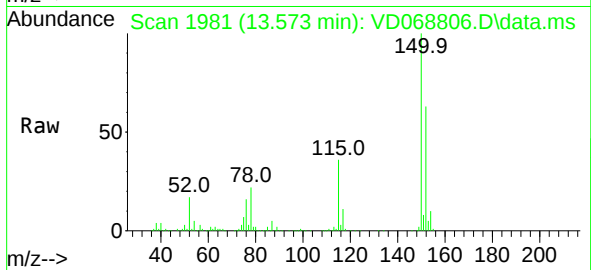




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068806.D
 Acq: 09 Apr 2021 12:17

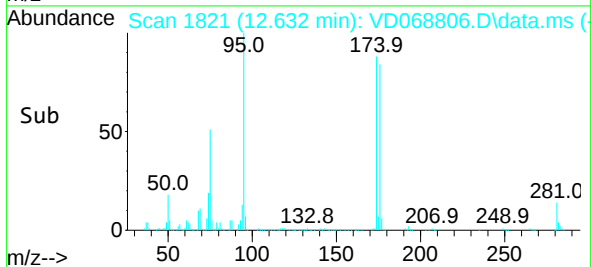
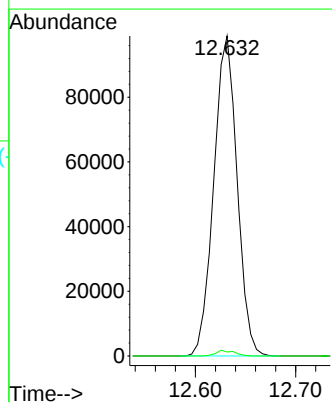
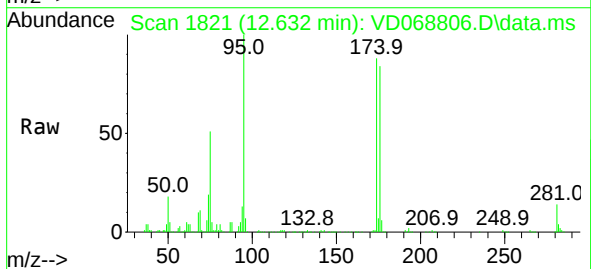
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBL01

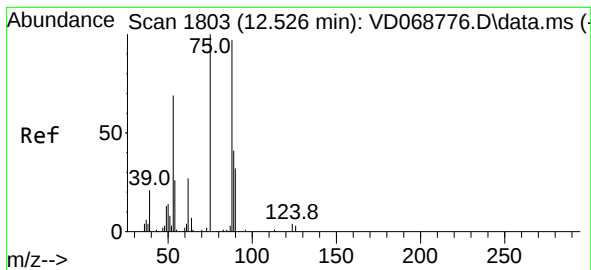
Tgt Ion:152 Resp: 357773
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.3 87.8
 150 160.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.87 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD068806.D
 Acq: 09 Apr 2021 12:17

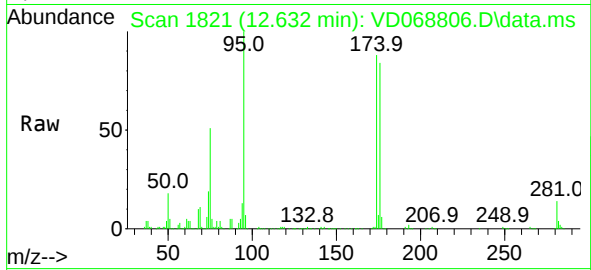
Tgt Ion: 75 Resp: 159724
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.41 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068806.D
 Acq: 09 Apr 2021 12:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBL01



Tgt Ion: 75 Resp: 159724

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.0	36.6	54.8#

