

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068851.D
 Acq On : 15 Apr 2021 12:53
 Operator : VA/SY
 Sample : M2029-01
 Misc : 5.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 01:06:38 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)

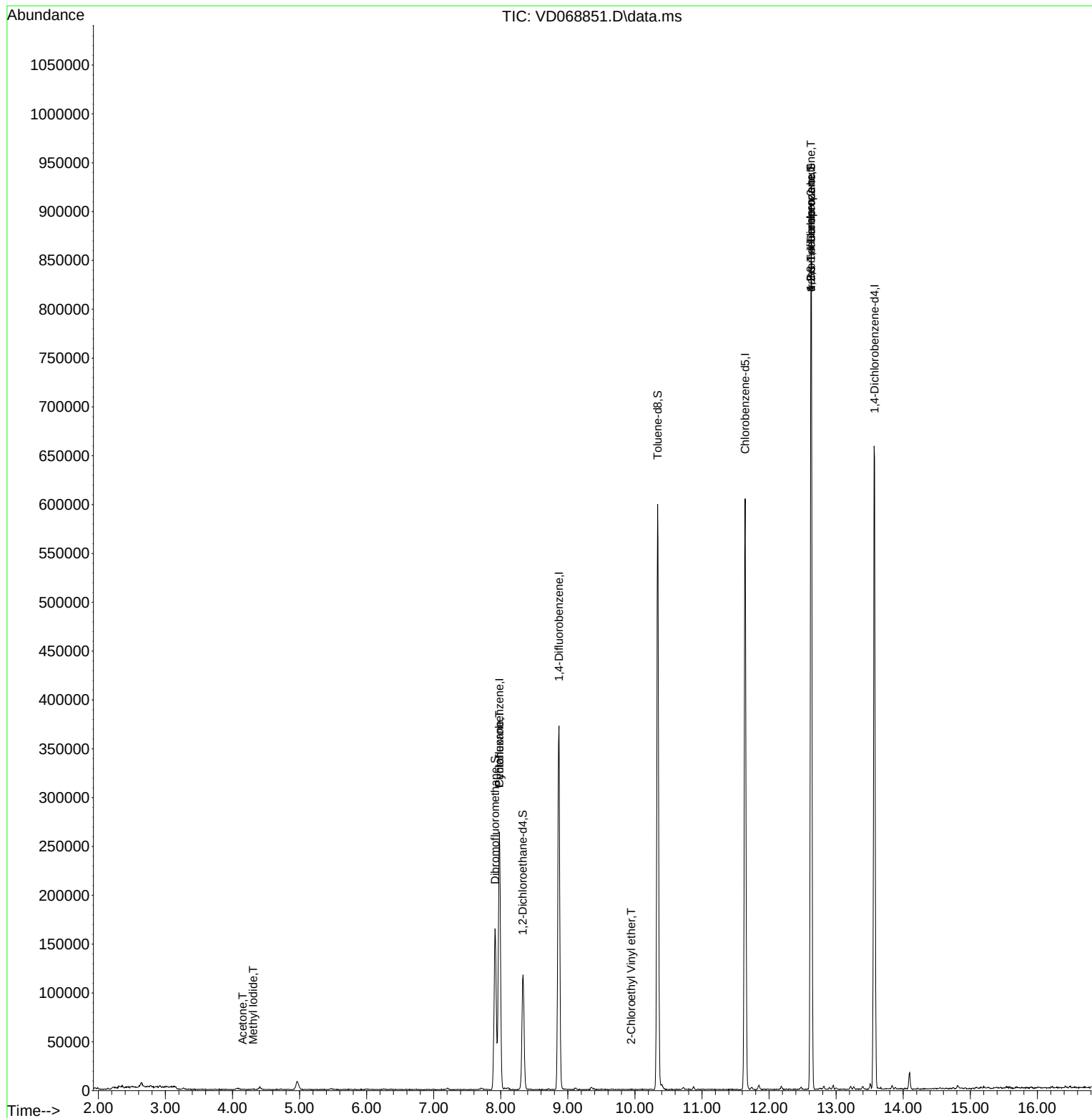
Internal Standards						
1) Pentafluorobenzene	7.979	168	198516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	340268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	359709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	184212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	93964	44.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.58%
35) Dibromofluoromethane	7.914	113	115142	52.02	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.04%
50) Toluene-d8	10.338	98	429123	51.40	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.80%
62) 4-Bromofluorobenzene	12.626	95	178602	64.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.82%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.308	142	276	2.36	ug/l #	66
16) Acetone	4.150	43	427	1.47	ug/l #	40
20) Methylene Chloride	4.961	84	7219	Below	Cal	92
31) Cyclohexane	7.979	56	4904	1.40	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.943	63	57	17.04	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	92721	55.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	92721	127.86	ug/l #	16

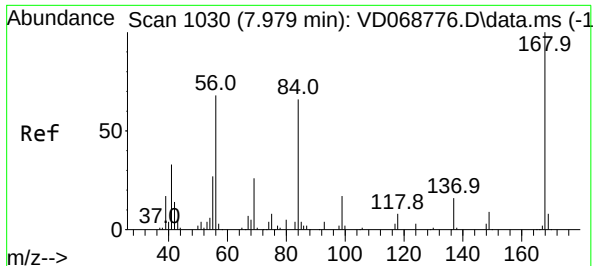
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

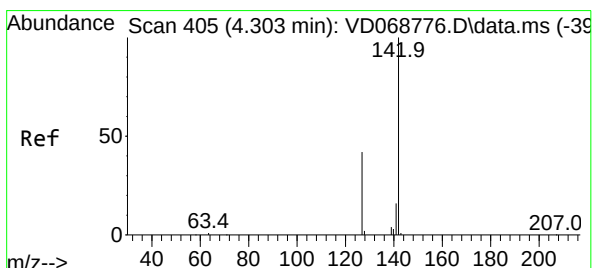
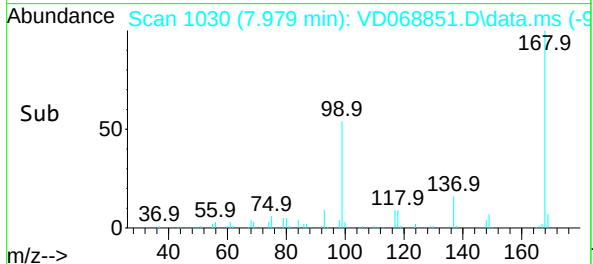
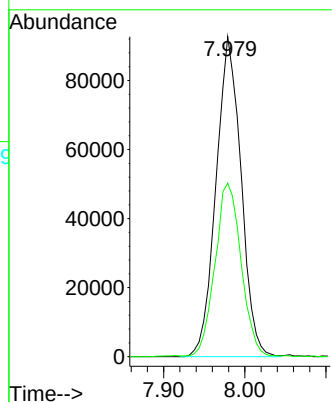
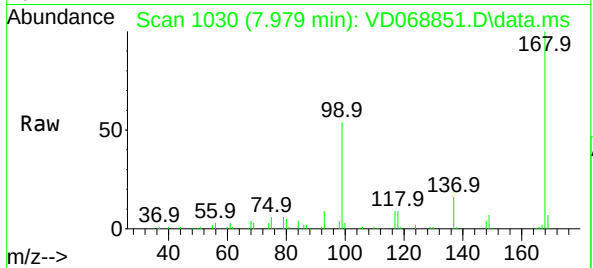




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

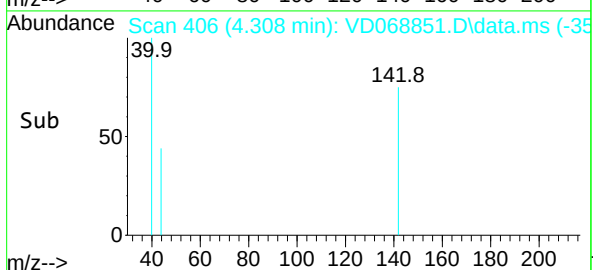
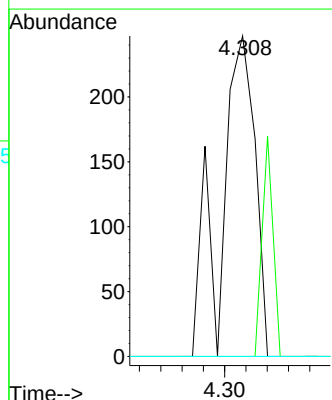
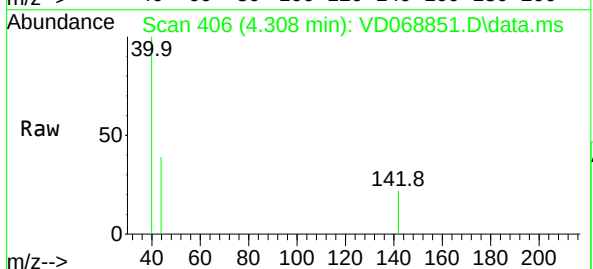
Instrument :
MSVOA_D
ClientSampled :

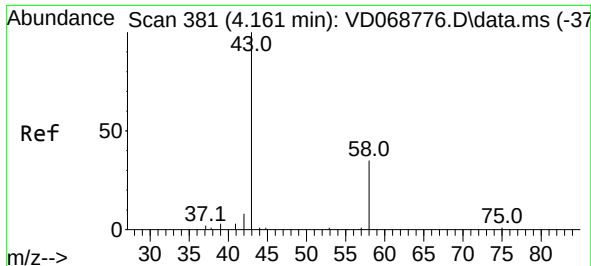
Tgt Ion:168 Resp: 198516
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.36 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.005 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

Tgt Ion:142 Resp: 276
Ion Ratio Lower Upper
142 100
127 21.7 34.7 52.1#
141 0.0 11.0 16.4#

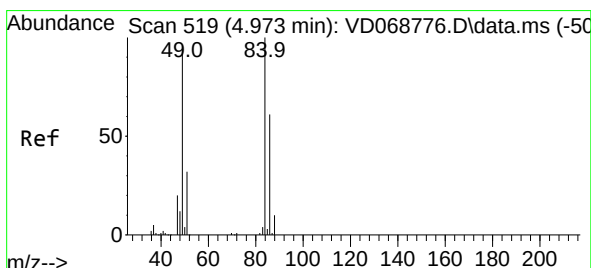
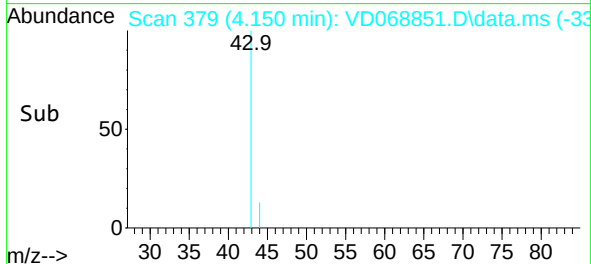
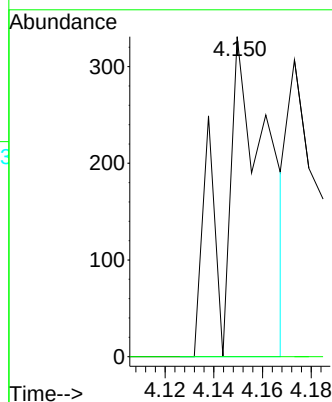
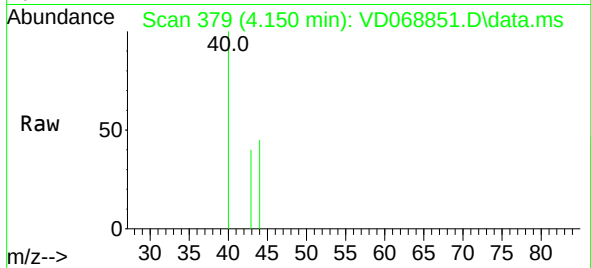




#16
Acetone
Concen: 1.47 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

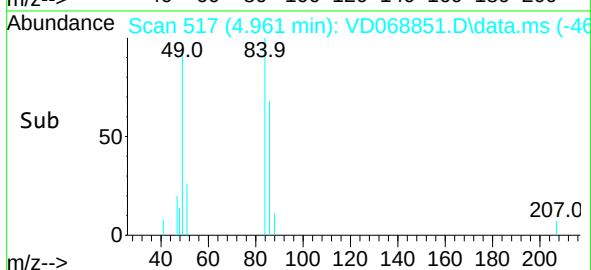
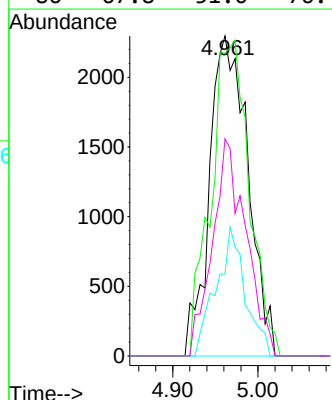
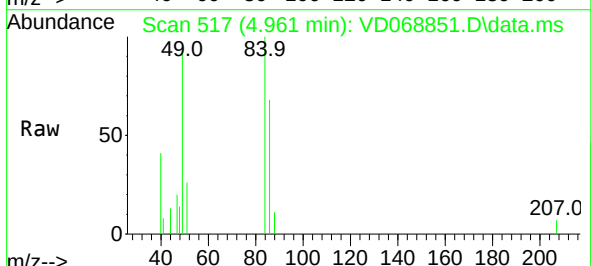
Instrument :
MSVOA_D
ClientSampled :

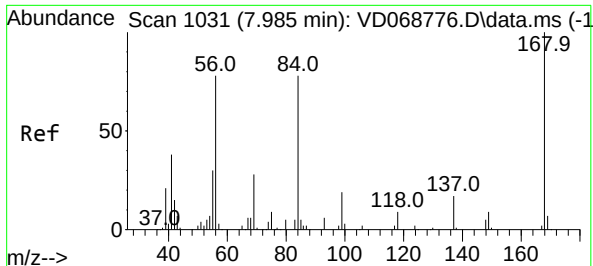
Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

Tgt Ion: 84 Resp: 7219
Ion Ratio Lower Upper
84 100
49 94.6 83.4 125.0
51 25.6 23.4 35.2
86 67.8 51.0 76.4

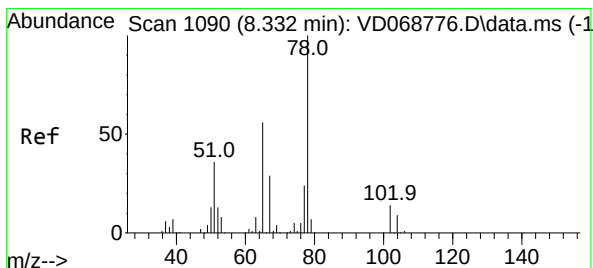
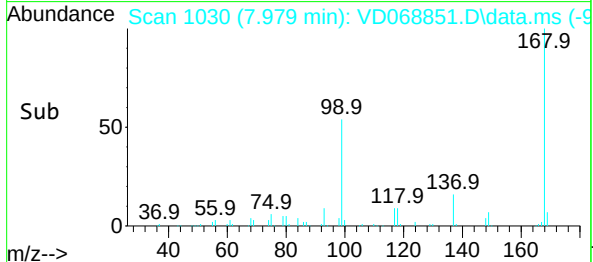
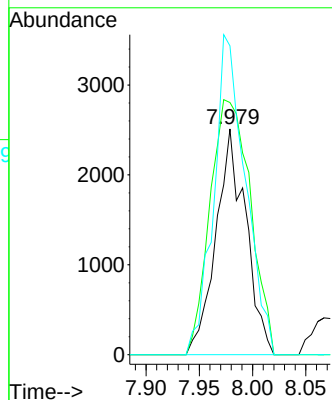
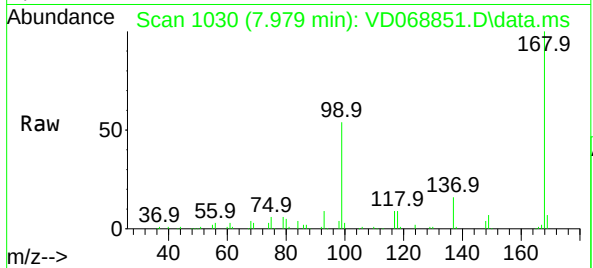




#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

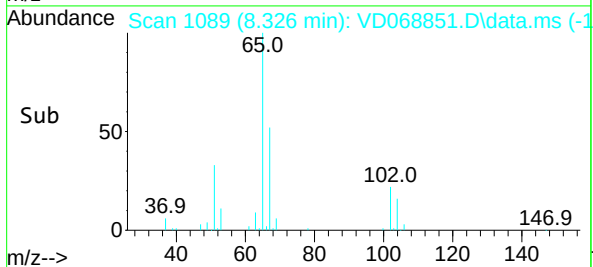
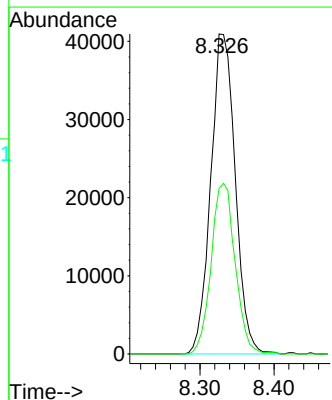
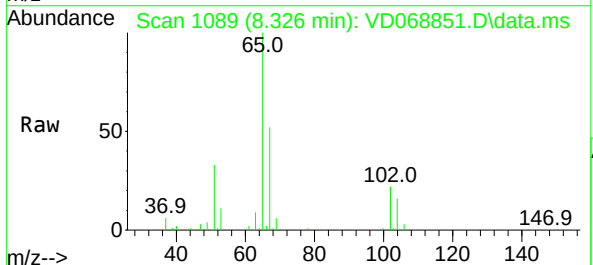
Instrument :
MSVOA_D
ClientSampled :

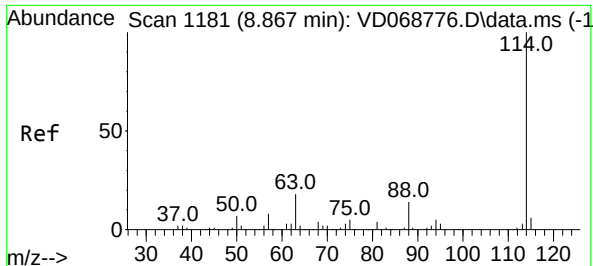
Tgt Ion: 56 Resp: 4904
Ion Ratio Lower Upper
56 100
69 111.7 30.0 45.0#
84 136.7 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 44.79 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

Tgt Ion: 65 Resp: 93964
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0

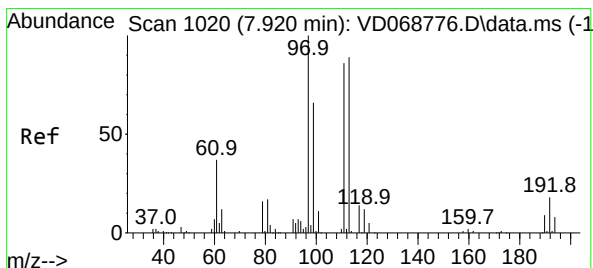
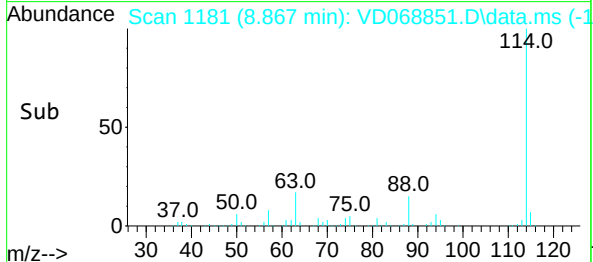
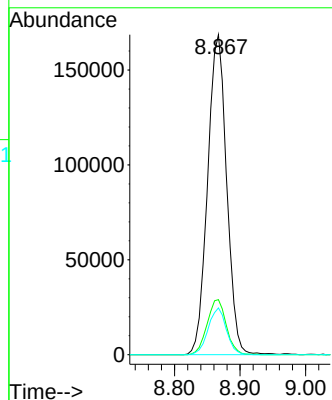
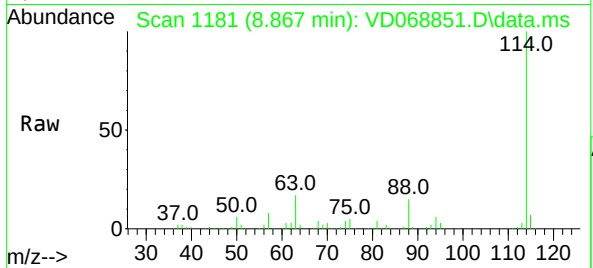




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

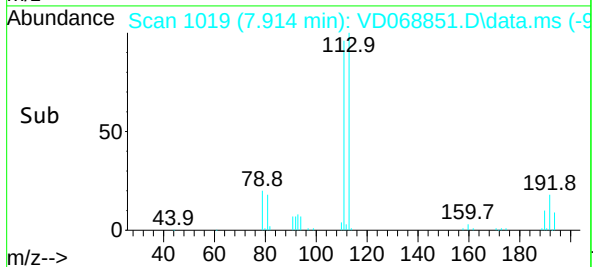
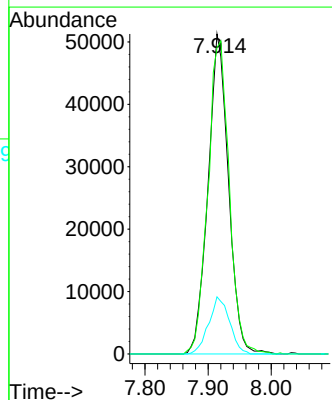
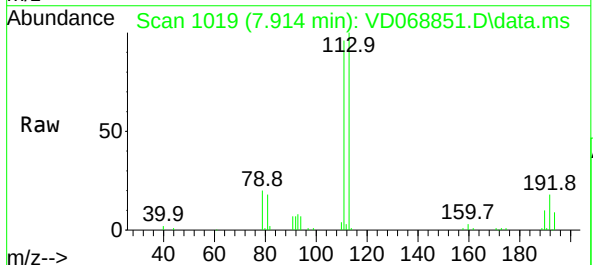
Instrument :
MSVOA_D
ClientSampleId :

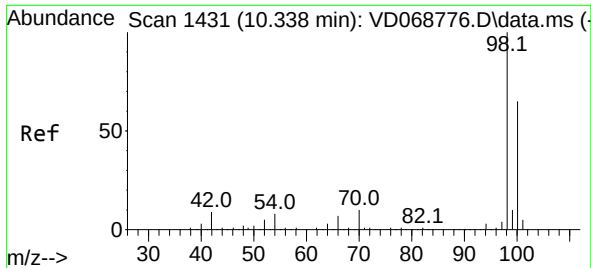
Tgt Ion:114 Resp: 340268
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.02 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

Tgt Ion:113 Resp: 115142
Ion Ratio Lower Upper
113 100
111 102.2 82.5 123.7
192 18.2 15.1 22.7

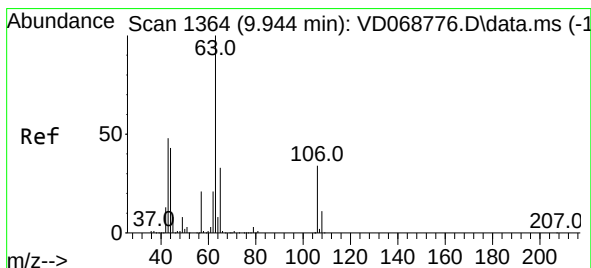
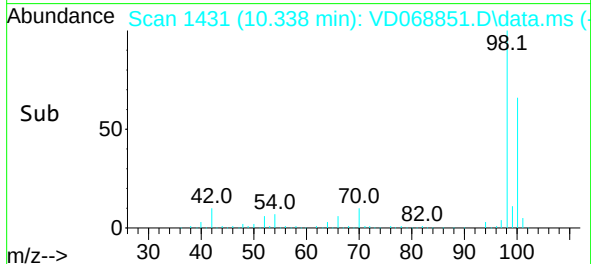
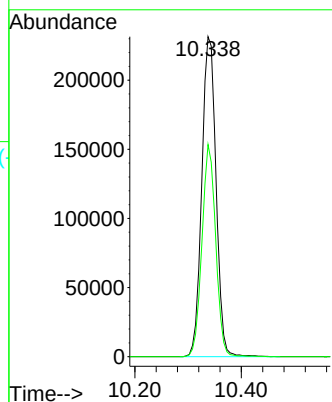
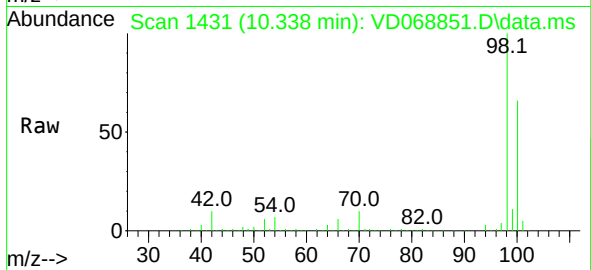




#50
Toluene-d8
Concen: 51.40 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

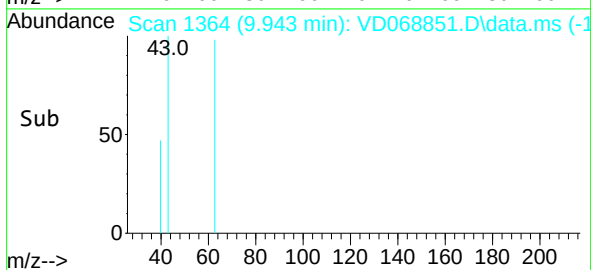
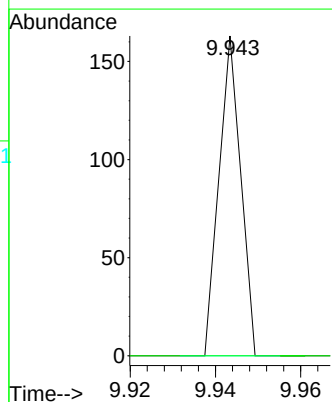
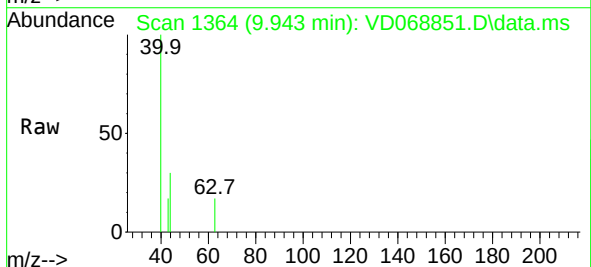
Instrument :
MSVOA_D
ClientSampled :

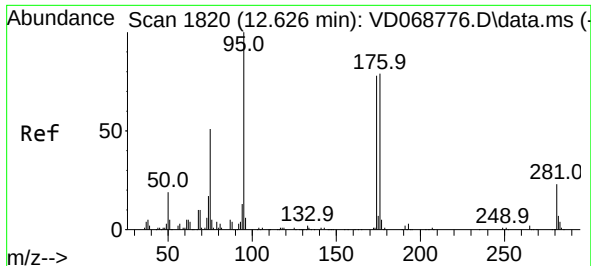
Tgt Ion: 98 Resp: 429123
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.04 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. -0.001 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

Tgt Ion: 63 Resp: 57
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

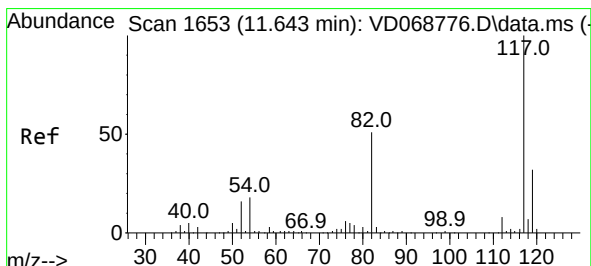
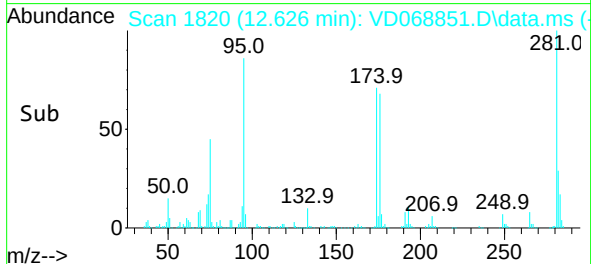
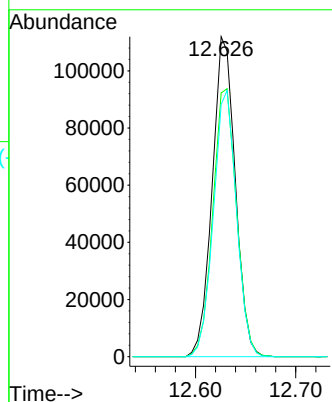
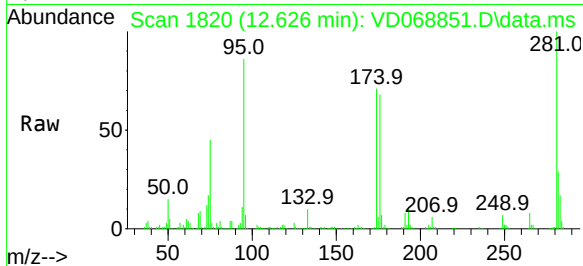




#62
4-Bromofluorobenzene
Concen: 64.41 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

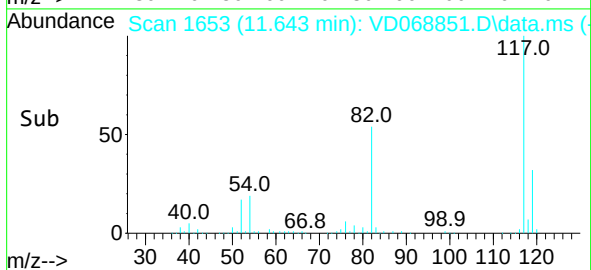
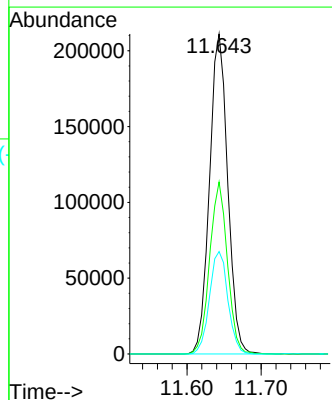
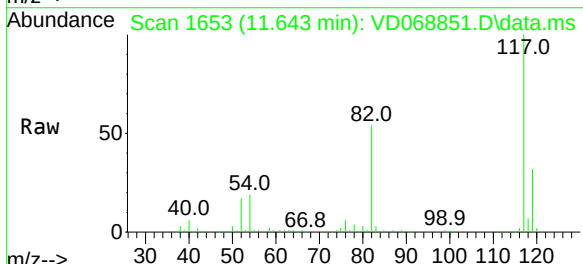
Instrument :
MSVOA_D
ClientSampled :

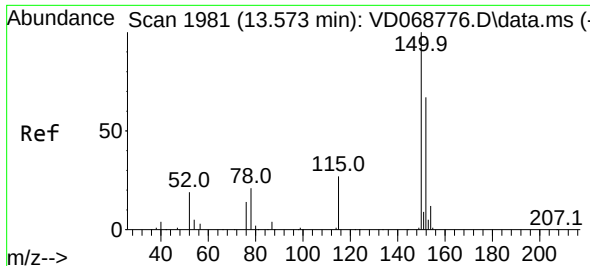
Tgt Ion: 95 Resp: 178602
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.0
176 82.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

Tgt Ion: 117 Resp: 359709
Ion Ratio Lower Upper
117 100
82 53.8 43.5 65.3
119 32.0 26.7 40.1

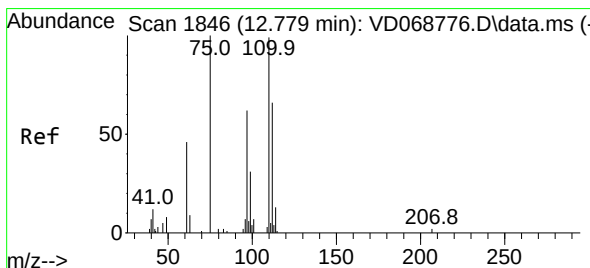
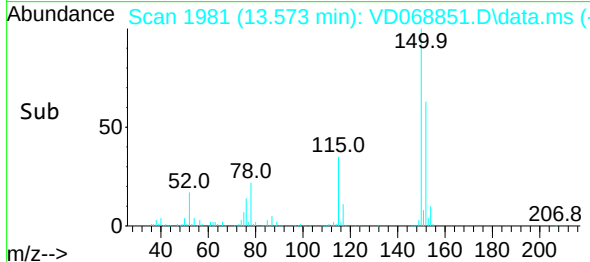
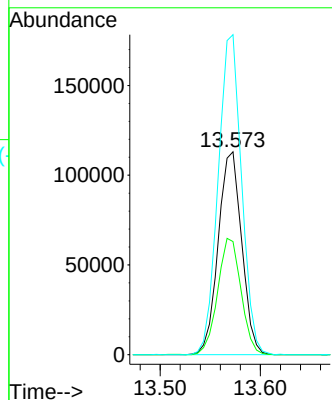
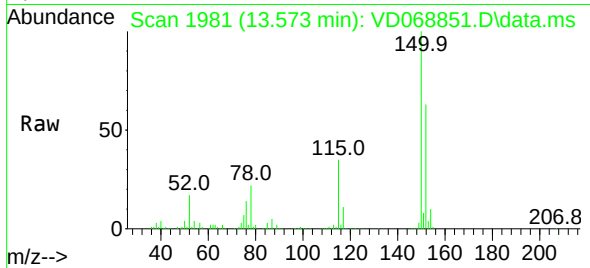




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

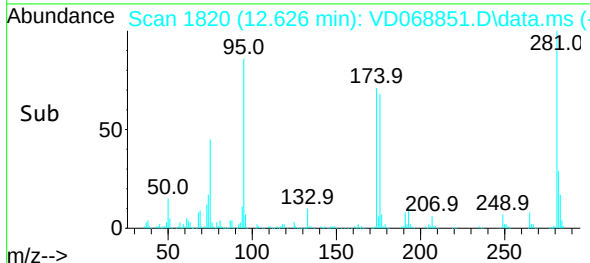
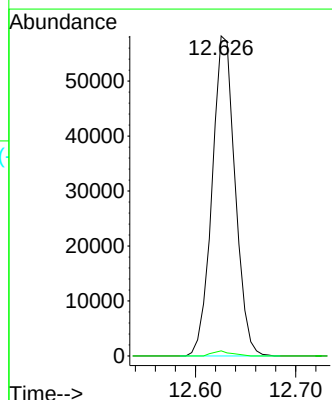
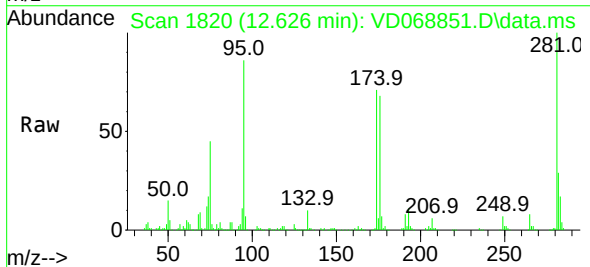
Instrument :
MSVOA_D
ClientSampled :

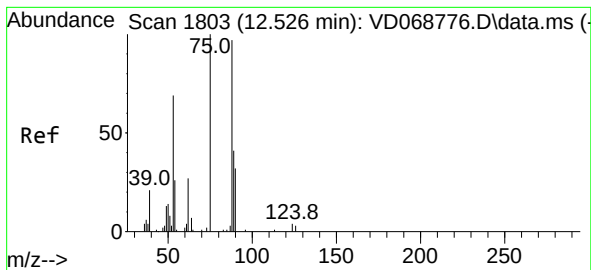
Tgt Ion:152 Resp: 184212
Ion Ratio Lower Upper
152 100
115 57.0 29.3 87.8
150 157.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 55.10 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068851.D
Acq: 15 Apr 2021 12:53

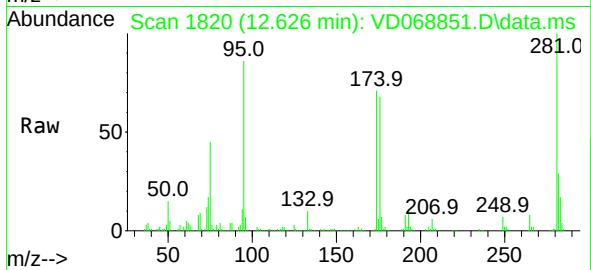
Tgt Ion: 75 Resp: 92721
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.86 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD068851.D
 Acq: 15 Apr 2021 12:53

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	92721
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	1.1	36.6	54.8#

