

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068825.D
 Acq On : 12 Apr 2021 11:29
 Operator : VA/SY
 Sample : VD0412SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:07:26 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)

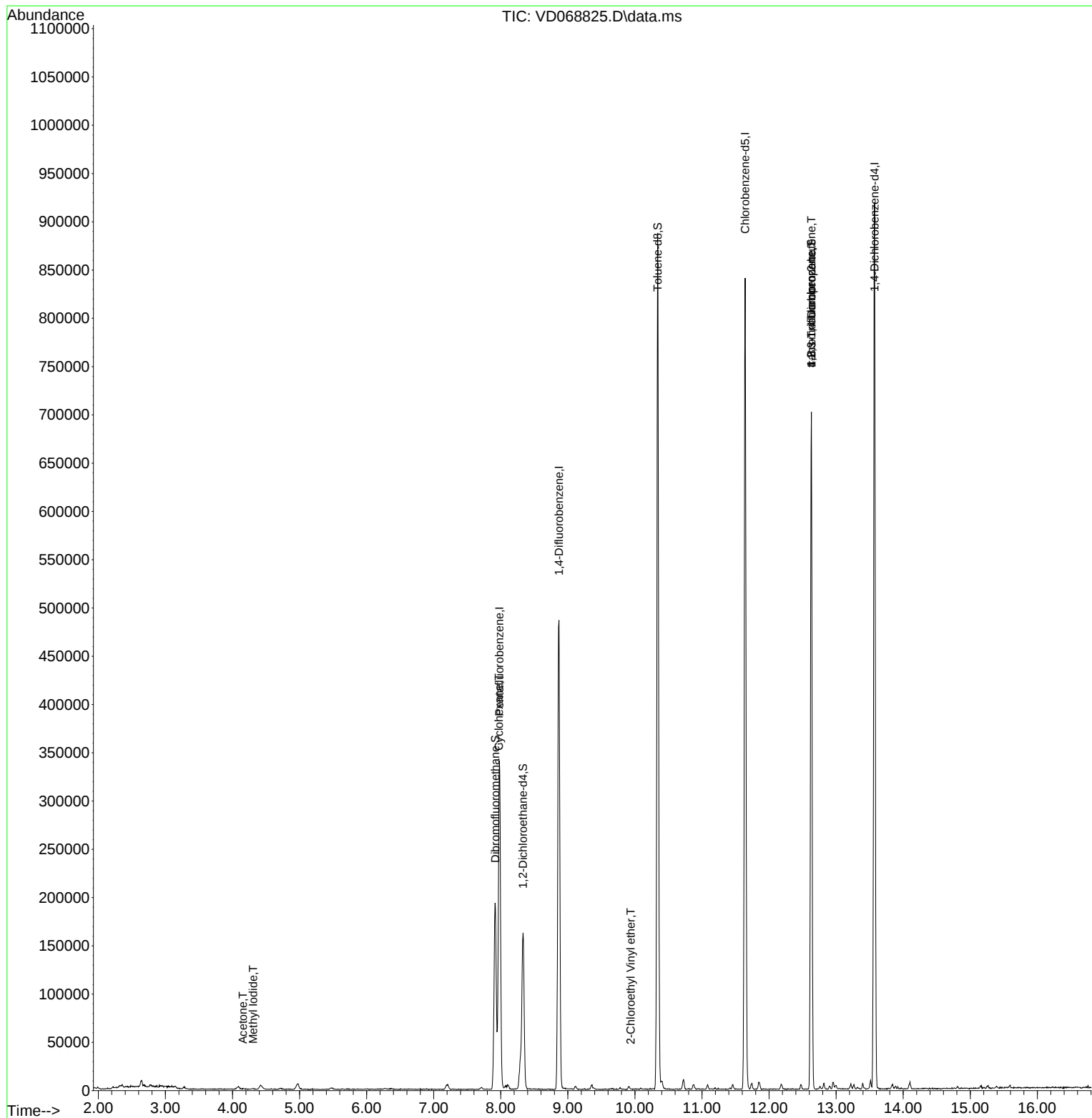
Internal Standards						
1) Pentafluorobenzene	7.979	168	263713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	456560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	520230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	255472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129133	46.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.66%
35) Dibromofluoromethane	7.920	113	138912	46.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.56%
50) Toluene-d8	10.338	98	609102	54.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.74%
62) 4-Bromofluorobenzene	12.632	95	227866	61.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.48%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	945	2.53	ug/l #	71
11) Tert butyl alcohol	5.214	59	63	Below	Cal #	73
16) Acetone	4.156	43	1105	2.86	ug/l #	40
20) Methylene Chloride	4.967	84	5050	Below	Cal	85
31) Cyclohexane	7.973	56	6502	1.40	ug/l #	38
58) 2-Chloroethyl Vinyl ether	9.938	63	176	17.11	ug/l #	44
76) 1,2,3-Trichloropropane	12.632	75	114001	48.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	114001	113.36	ug/l #	16

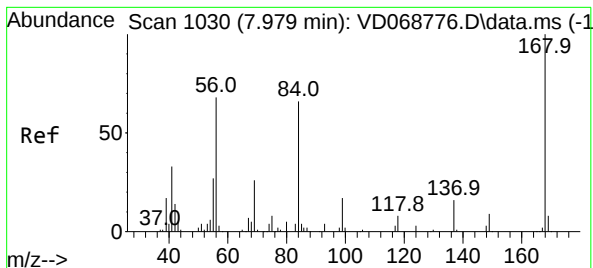
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068825.D
Acq On : 12 Apr 2021 11:29
Operator : VA/SY
Sample : VD0412SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 13 01:07:26 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

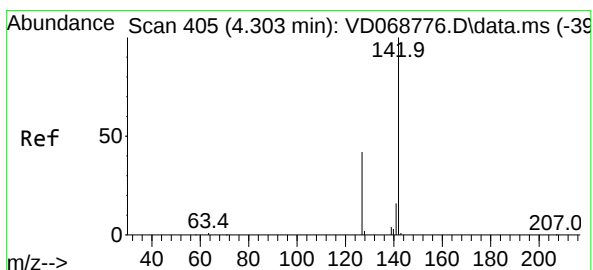
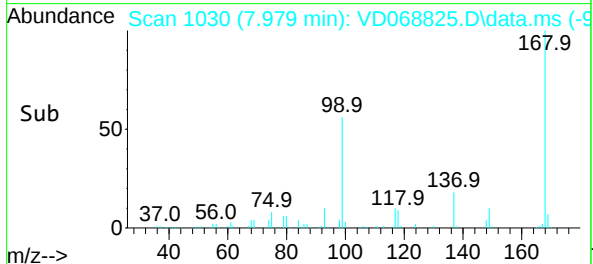
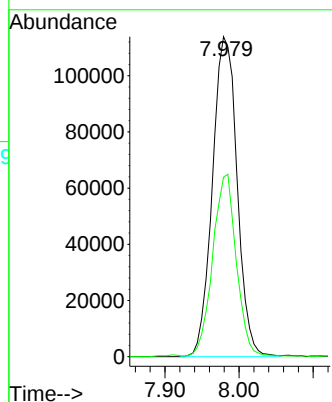
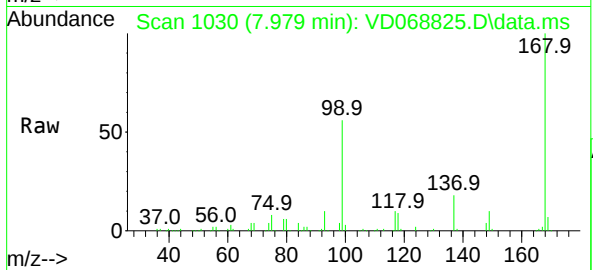




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

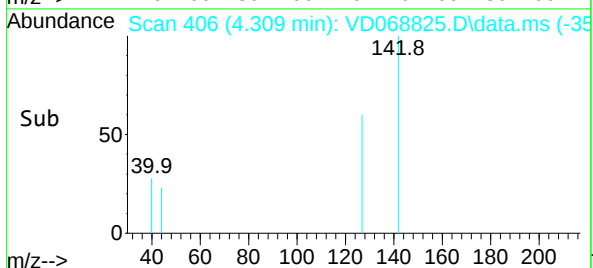
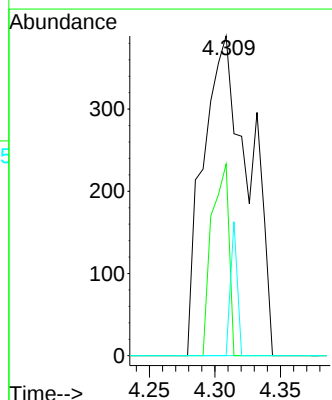
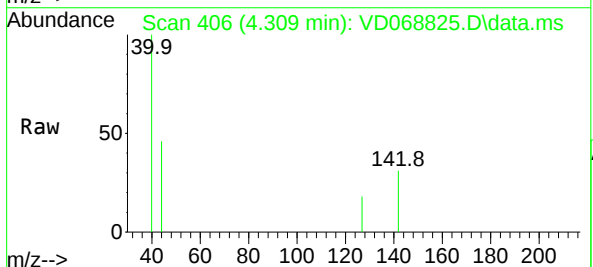
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 263713
Ion Ratio Lower Upper
168 100
99 55.8 46.2 69.2



#10
Methyl Iodide
Concen: 2.53 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Tgt Ion:142 Resp: 945
Ion Ratio Lower Upper
142 100
127 22.3 34.7 52.1#
141 6.1 11.0 16.4#

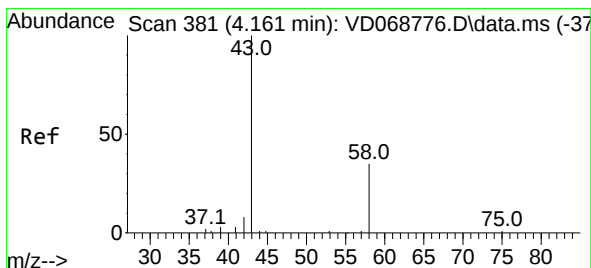
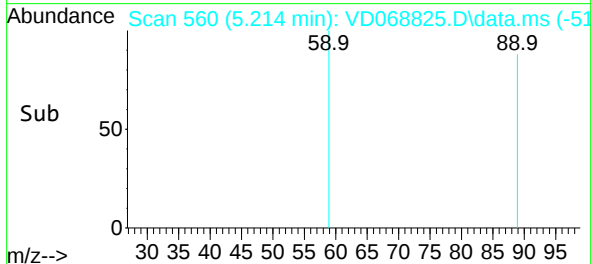
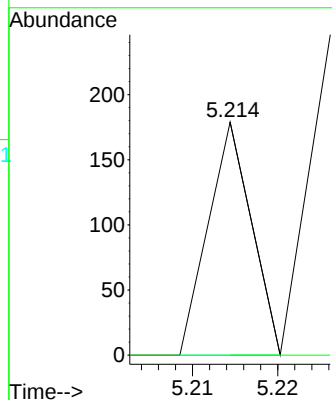
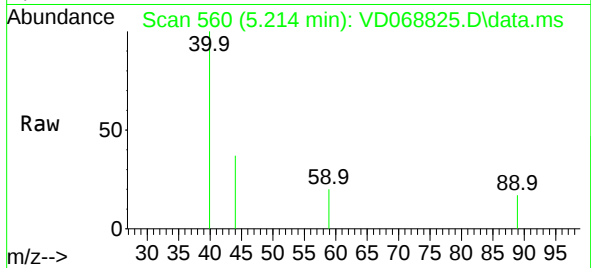




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

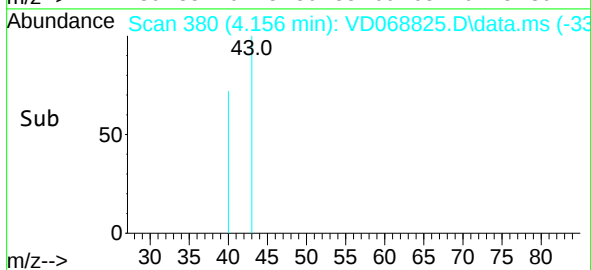
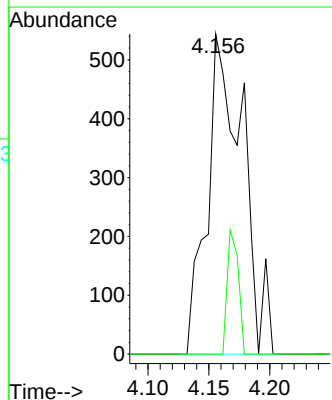
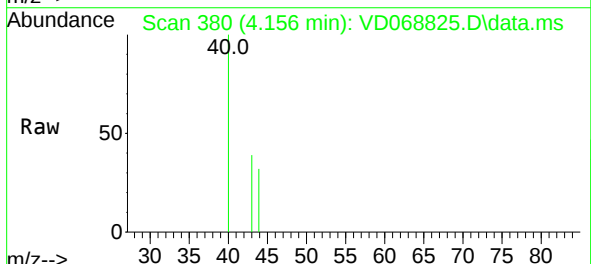
Instrument :
MSVOA_D
ClientSampled :

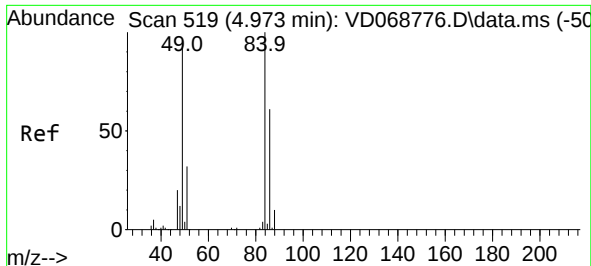
Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.86 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

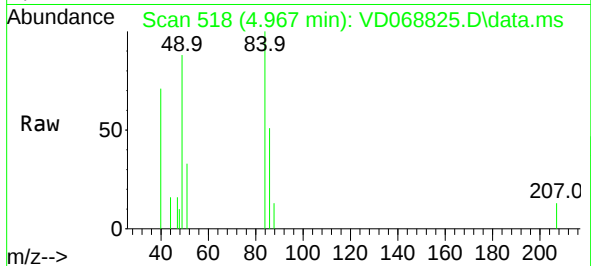
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



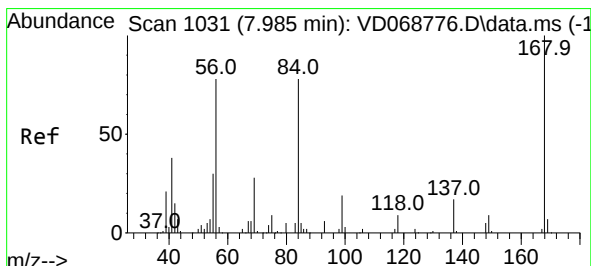
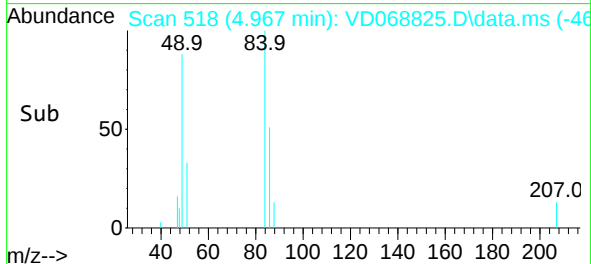
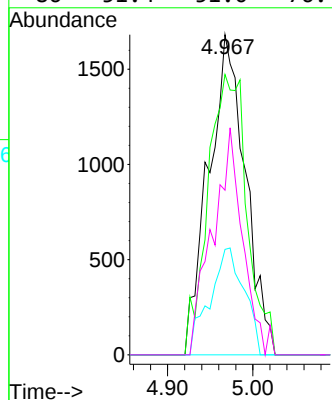


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :

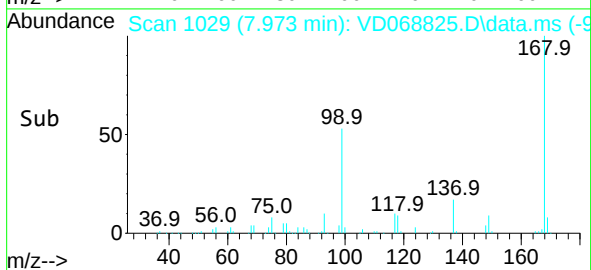
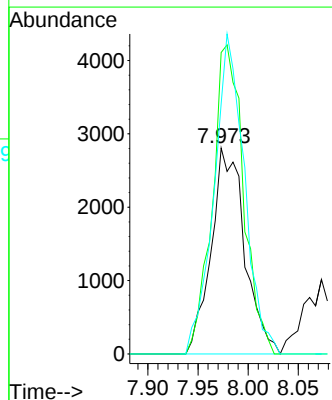
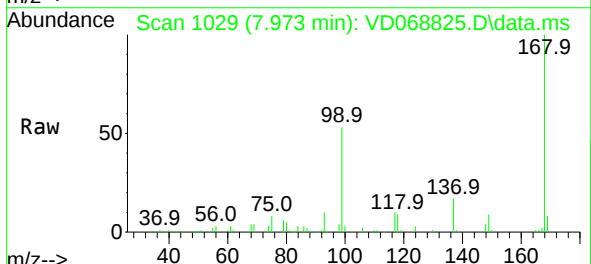


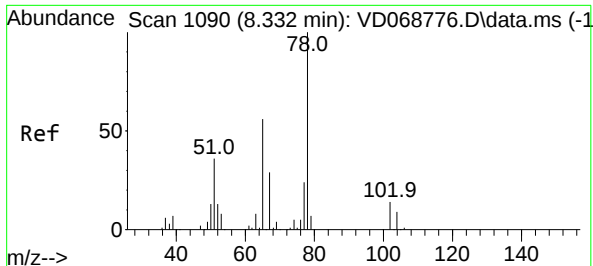
Tgt Ion:	84	Resp:	5050
Ion	Ratio	Lower	Upper
84	100		
49	87.6	83.4	125.0
51	32.9	23.4	35.2
86	51.4	51.0	76.4



#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Tgt Ion:	56	Resp:	6502
Ion	Ratio	Lower	Upper
56	100		
69	146.3	30.0	45.0#
84	121.5	82.0	123.0

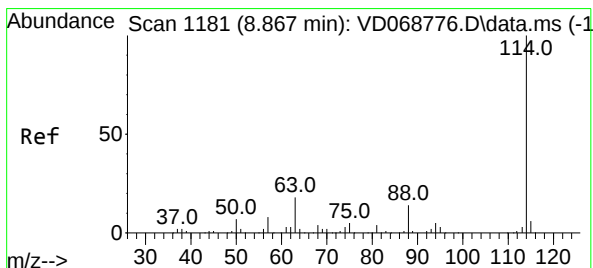
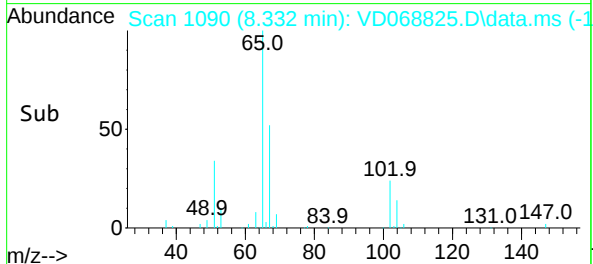
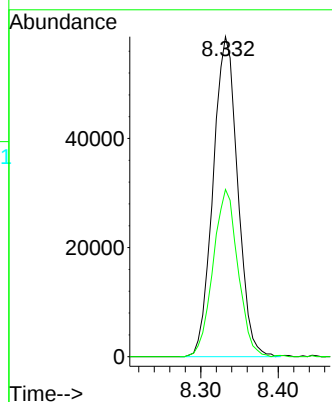
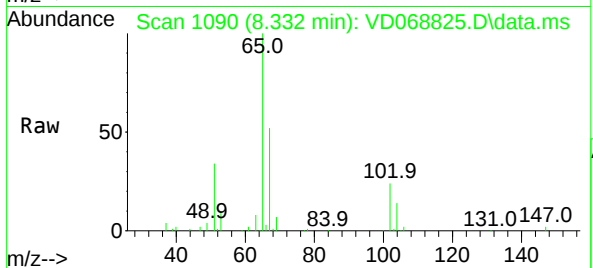




#33
1,2-Dichloroethane-d4
Concen: 46.33 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

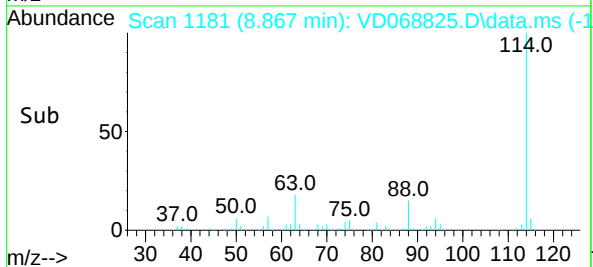
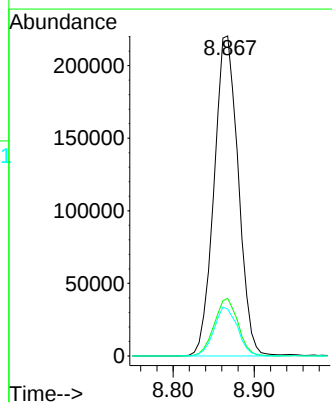
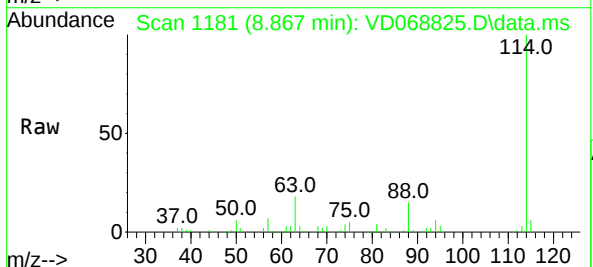
Instrument :
MSVOA_D
ClientSampled :

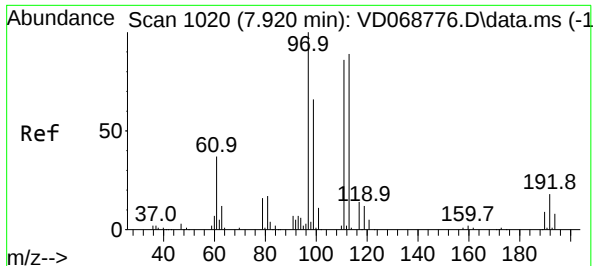
Tgt Ion: 65 Resp: 129133
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Tgt Ion: 114 Resp: 456560
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.78 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068825.D

Acq: 12 Apr 2021 11:29

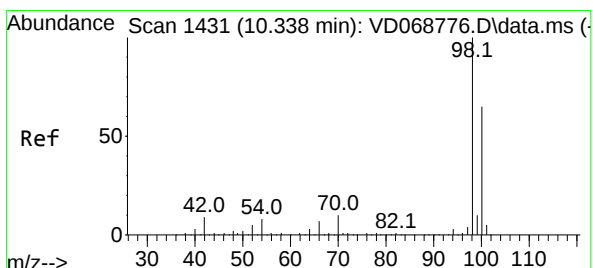
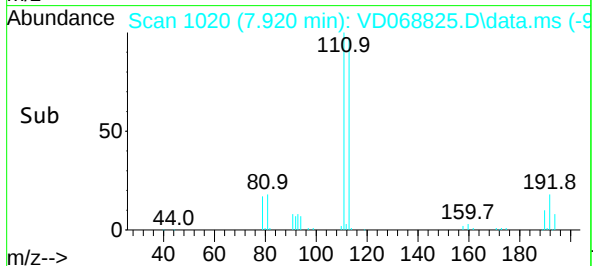
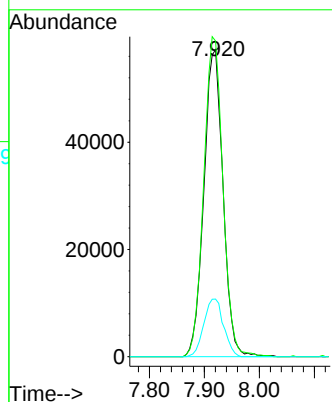
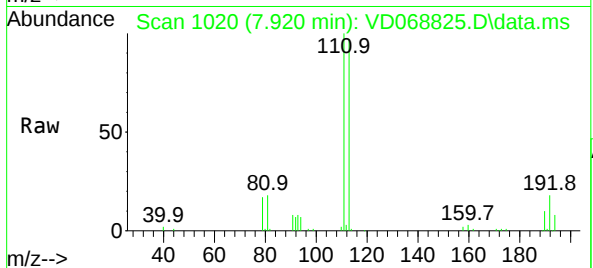
Tgt Ion:113 Resp: 138912

Ion Ratio Lower Upper

113 100

111 104.1 82.5 123.7

192 19.3 15.1 22.7



#50

Toluene-d8

Concen: 54.37 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD068825.D

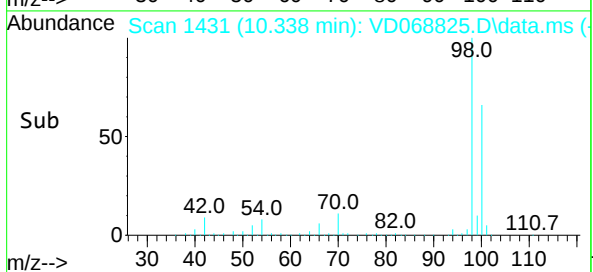
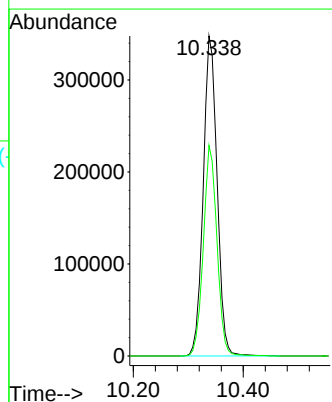
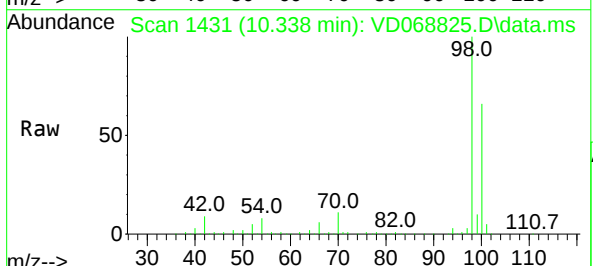
Acq: 12 Apr 2021 11:29

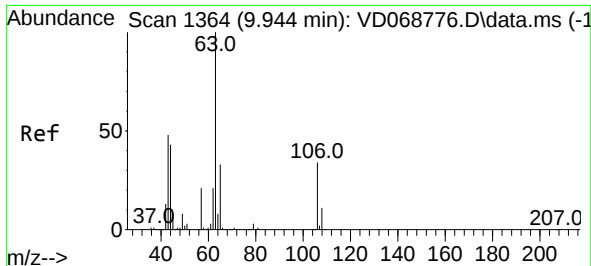
Tgt Ion: 98 Resp: 609102

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

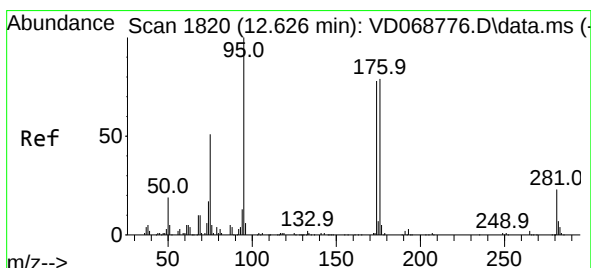
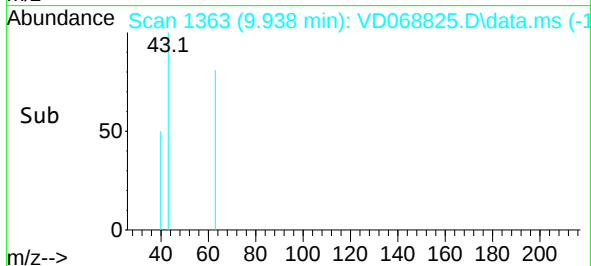
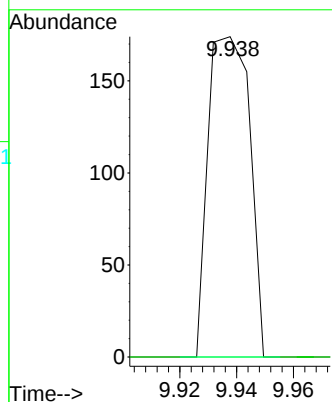
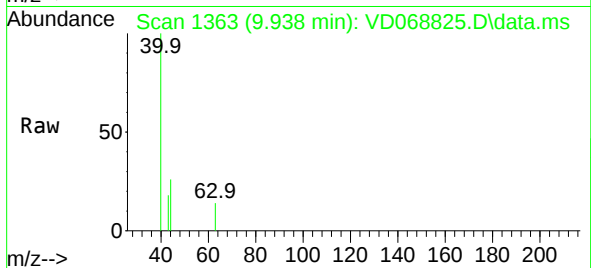




#58
2-Chloroethyl Vinyl ether
Concen: 17.11 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

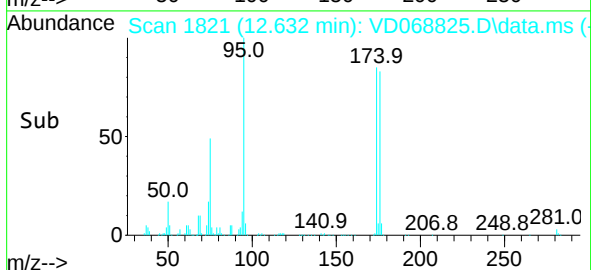
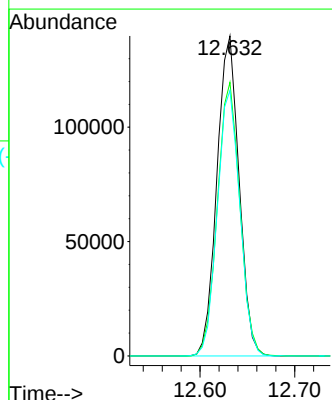
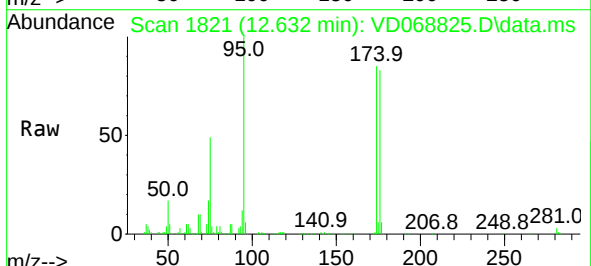
Instrument :
MSVOA_D
ClientSampleId :

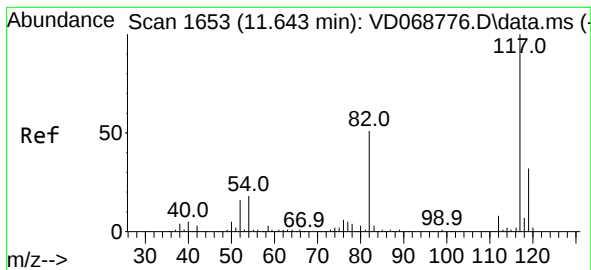
Tgt Ion: 63 Resp: 176
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 61.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Tgt Ion: 95 Resp: 227866
Ion Ratio Lower Upper
95 100
174 86.5 0.0 168.0
176 84.0 0.0 160.2

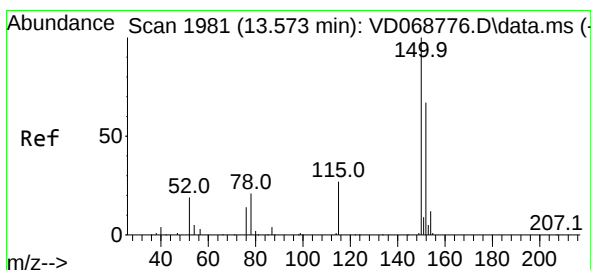
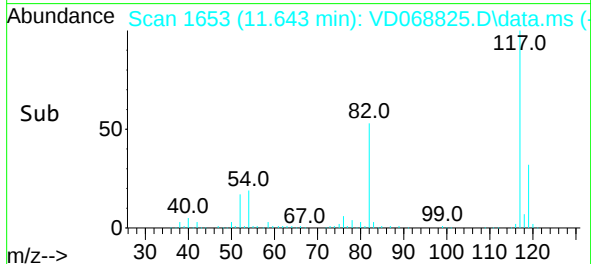
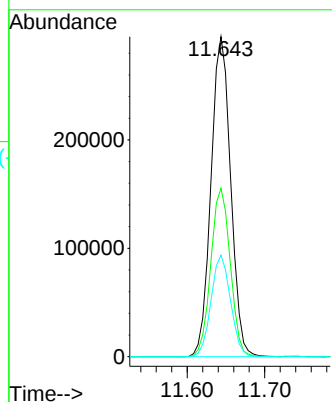
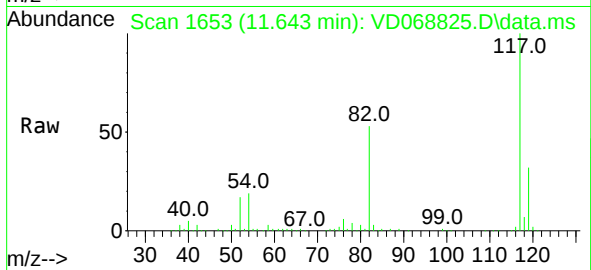




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

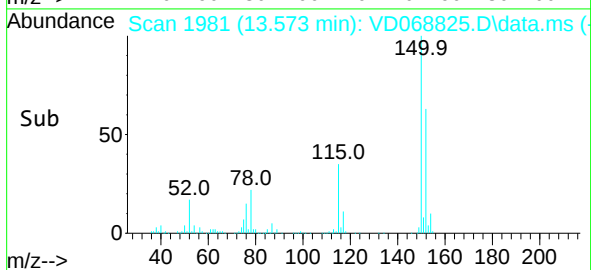
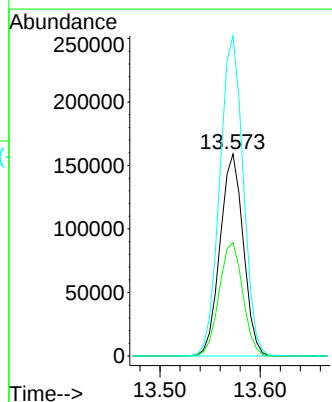
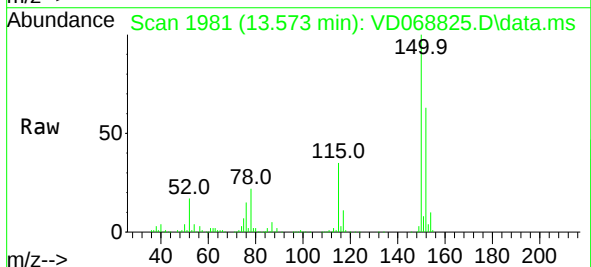
Instrument :
MSVOA_D
ClientSampleId :

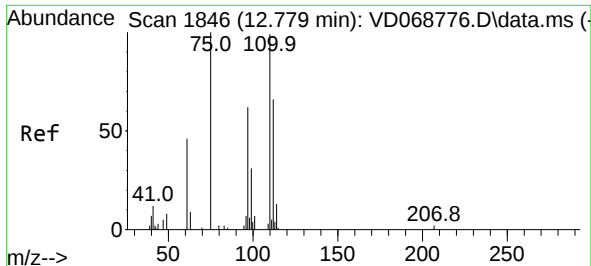
Tgt Ion:117 Resp: 520230
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 31.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Tgt Ion:152 Resp: 255472
Ion Ratio Lower Upper
152 100
115 57.2 29.3 87.8
150 160.0 0.0 347.6

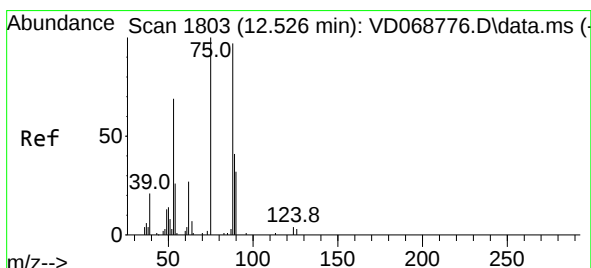
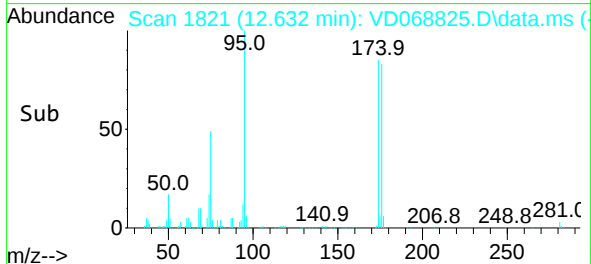
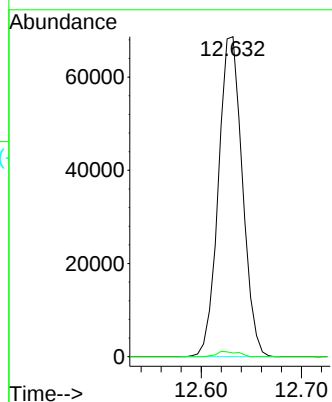
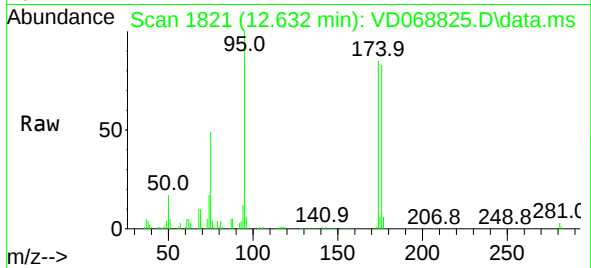




#76
1,2,3-Trichloropropane
Concen: 48.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 114001
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.36 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Tgt Ion: 75 Resp: 114001
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

