

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068785.D
 Acq On : 08 Apr 2021 13:20
 Operator : VA/SY
 Sample : M1979-12
 Misc : 4.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:01:31 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)

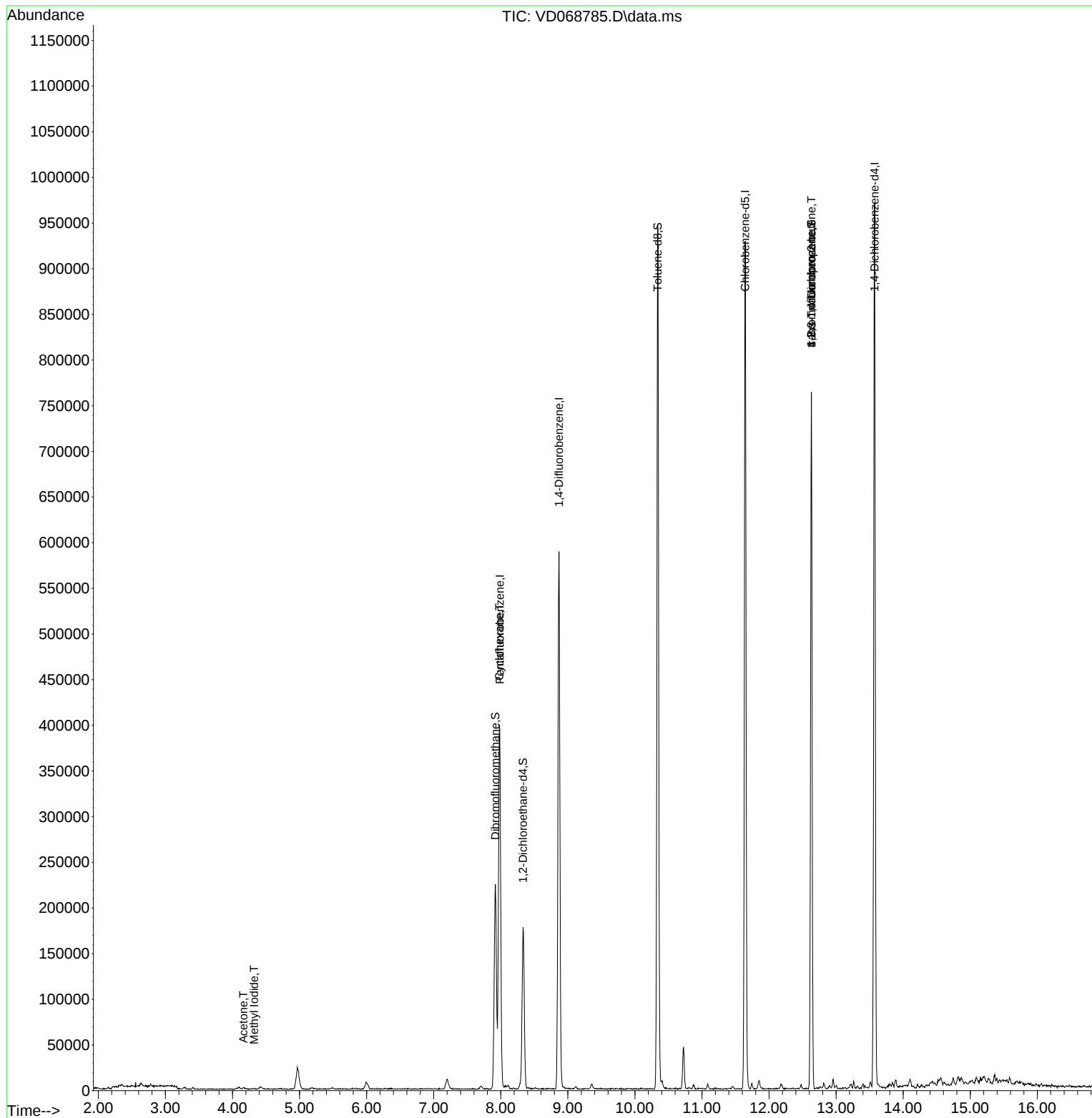
Internal Standards						
1) Pentafluorobenzene	7.985	168	305535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	535016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	548457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	266422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138525	42.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.80%
35) Dibromofluoromethane	7.920	113	161285	46.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.70%
50) Toluene-d8	10.338	98	671609	51.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.32%
62) 4-Bromofluorobenzene	12.632	95	238112	54.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.22%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.320	142	781	2.45	ug/l #	50
11) Tert butyl alcohol	5.220	59	309	Below Cal	#	73
16) Acetone	4.162	43	2403	5.37	ug/l	92
31) Cyclohexane	7.979	56	7780	1.45	ug/l #	22
76) 1,2,3-Trichloropropane	12.632	75	117649	48.34	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	117649	112.18	ug/l #	16

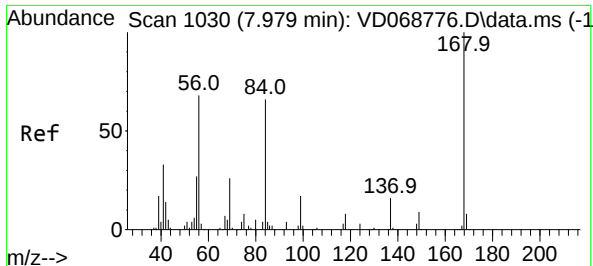
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 09 01:01:31 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

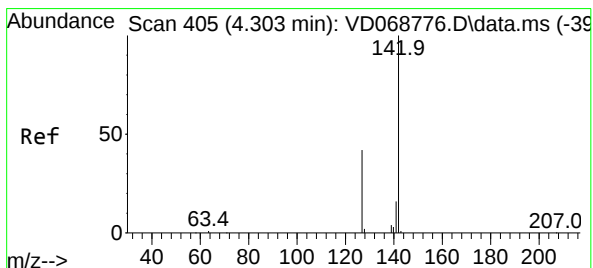
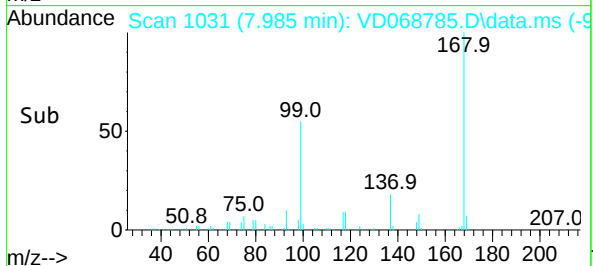
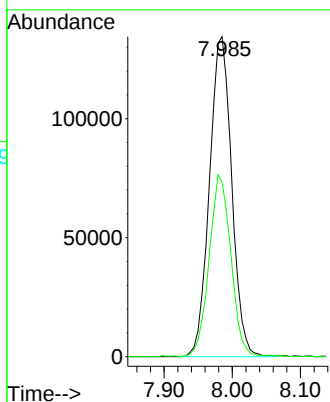
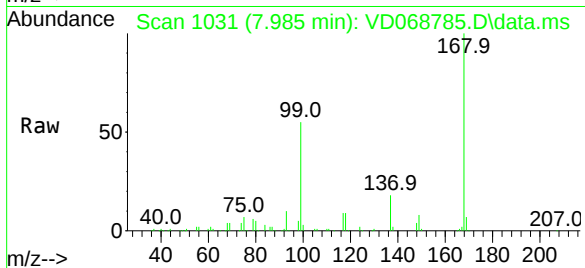




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

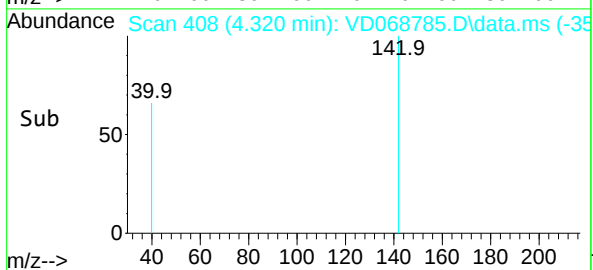
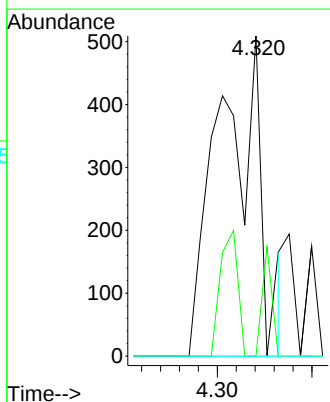
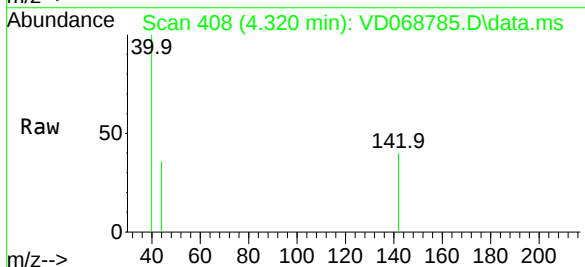
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 305535
Ion Ratio Lower Upper
168 100
99 54.4 46.2 69.2



#10
Methyl Iodide
Concen: 2.45 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

Tgt Ion:142 Resp: 781
Ion Ratio Lower Upper
142 100
127 7.8 34.7 52.1#
141 0.0 11.0 16.4#



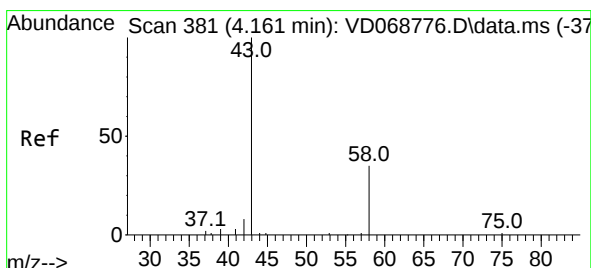
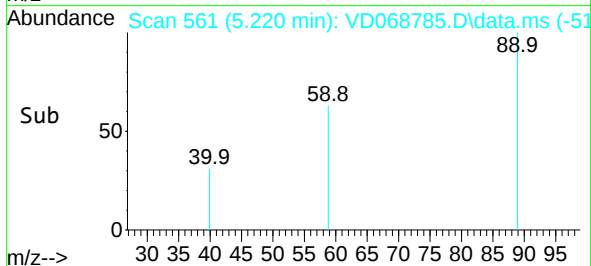
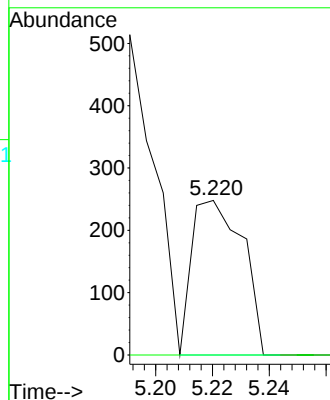
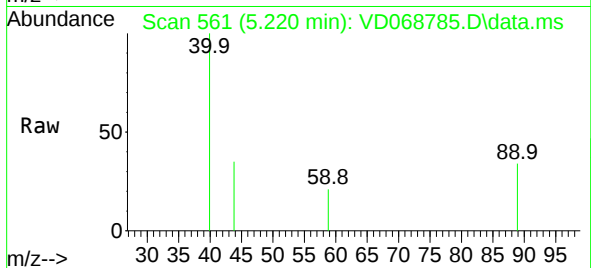


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

Instrument :
MSVOA_D
ClientSampled :

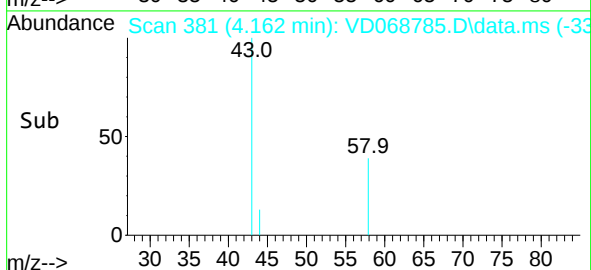
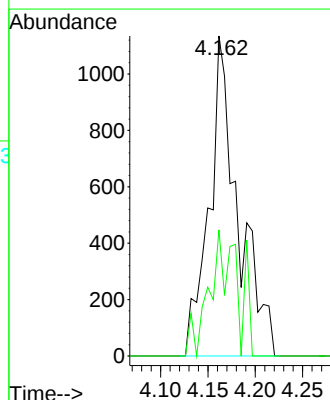
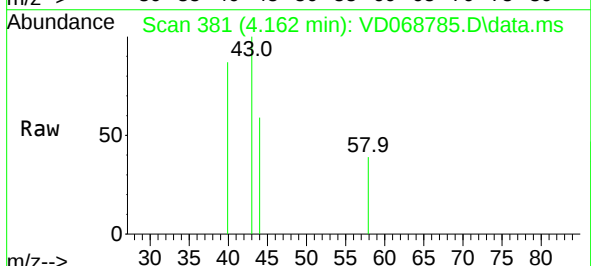
Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

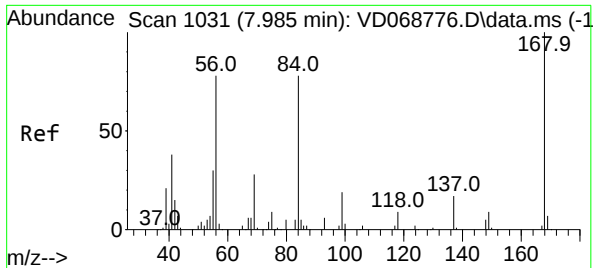


#16

Acetone
Concen: 5.37 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

Tgt Ion: 43 Resp: 2403
Ion Ratio Lower Upper
43 100
58 39.4 28.0 42.0

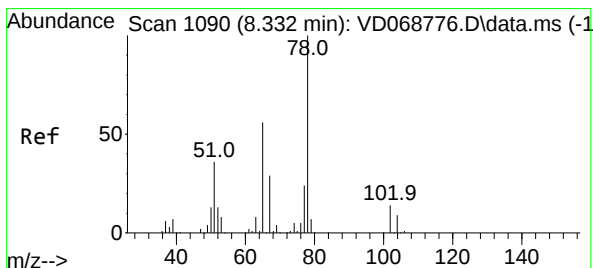
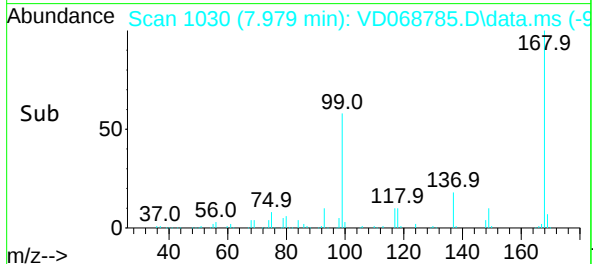
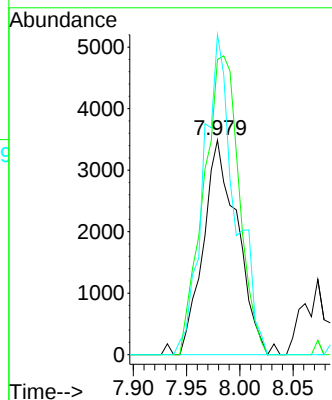
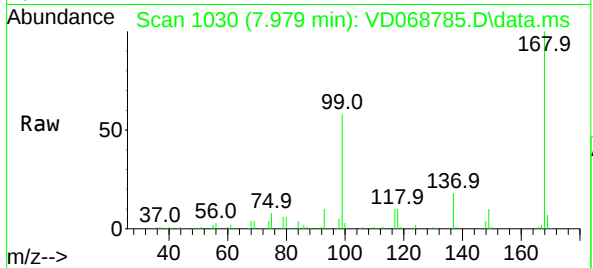




#31
Cyclohexane
Concen: 1.45 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

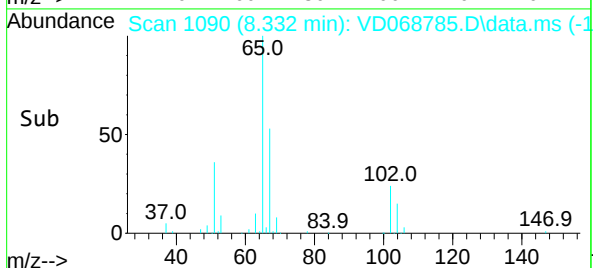
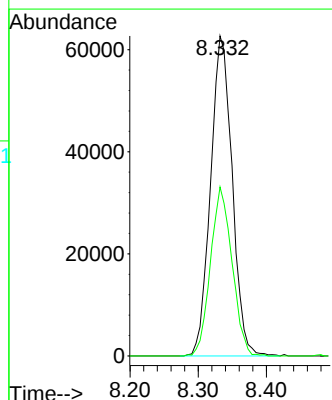
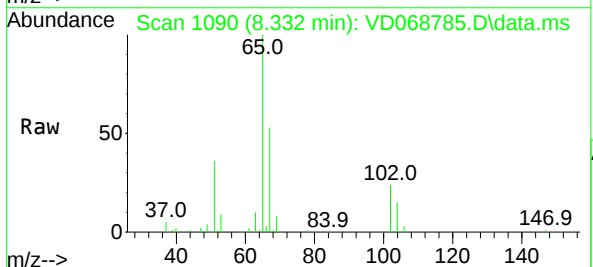
Instrument :
MSVOA_D
ClientSampled :

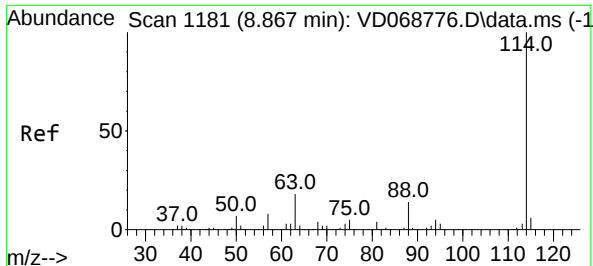
Tgt Ion: 56 Resp: 7780
Ion Ratio Lower Upper
56 100
69 137.6 30.0 45.0#
84 149.1 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 42.90 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

Tgt Ion: 65 Resp: 138525
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0

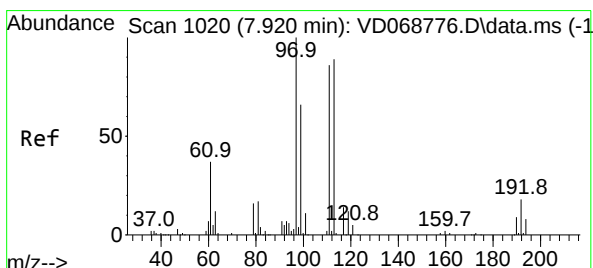
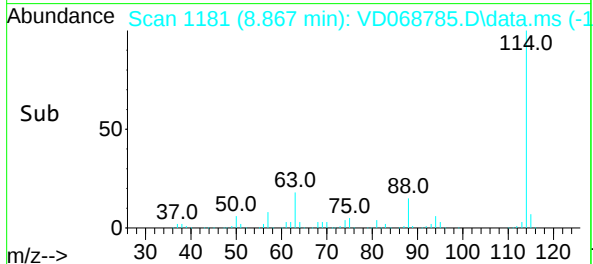
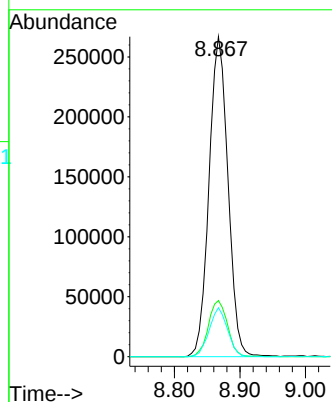
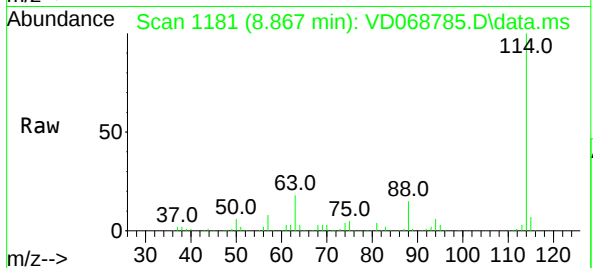




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

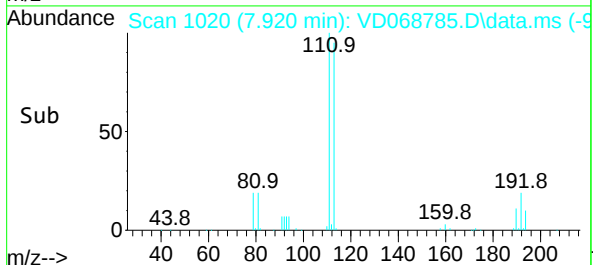
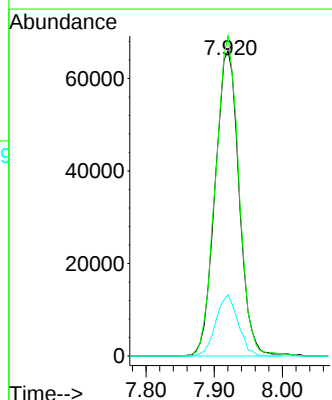
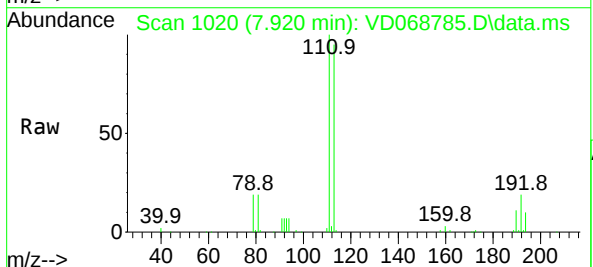
Instrument :
MSVOA_D
ClientSampled :

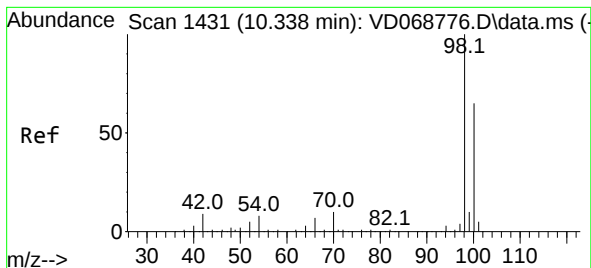
Tgt Ion:114 Resp: 535016
Ion Ratio Lower Upper
114 100
63 17.5 0.0 38.2
88 15.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.35 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

Tgt Ion:113 Resp: 161285
Ion Ratio Lower Upper
113 100
111 102.5 82.5 123.7
192 18.7 15.1 22.7

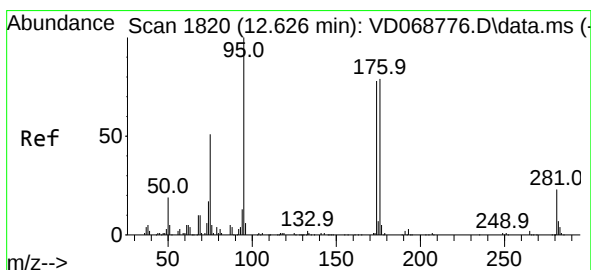
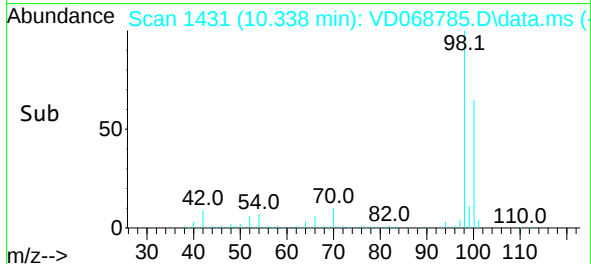
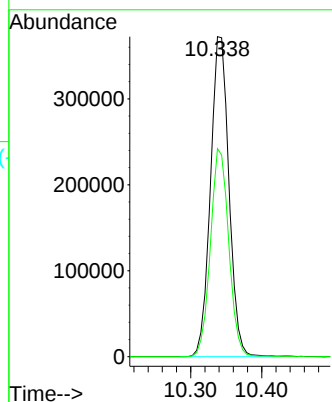
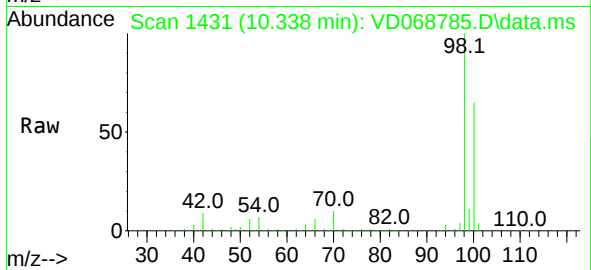




#50
Toluene-d8
Concen: 51.16 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

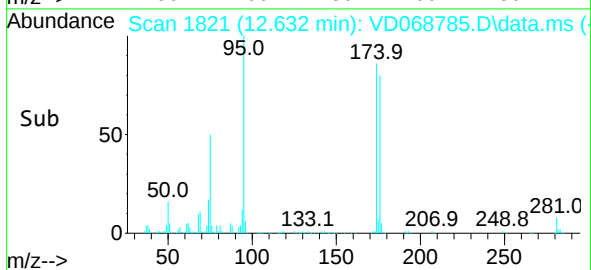
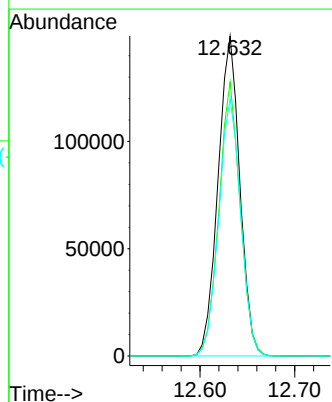
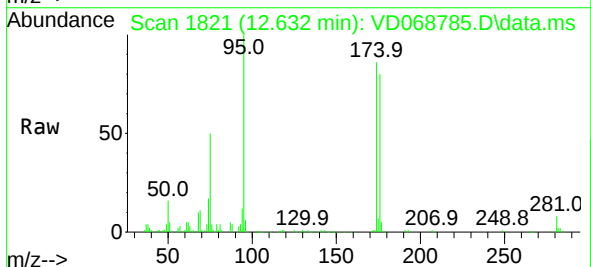
Instrument :
MSVOA_D
ClientSampleId :

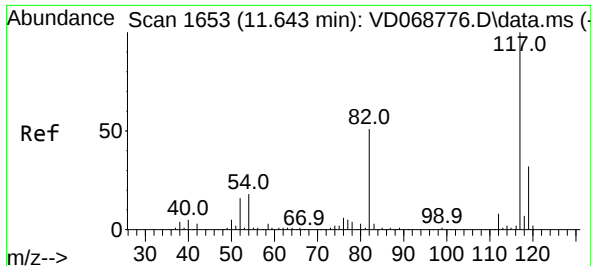
Tgt Ion: 98 Resp: 671609
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

Tgt Ion: 95 Resp: 238112
Ion Ratio Lower Upper
95 100
174 83.6 0.0 168.0
176 80.8 0.0 160.2

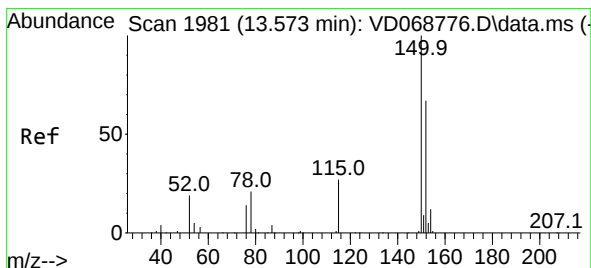
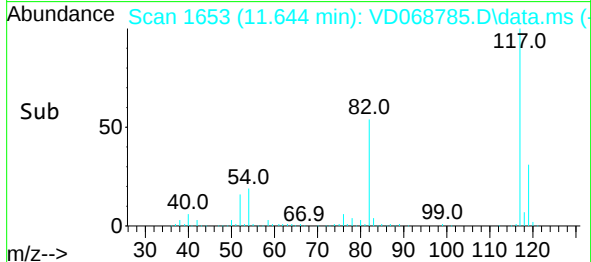
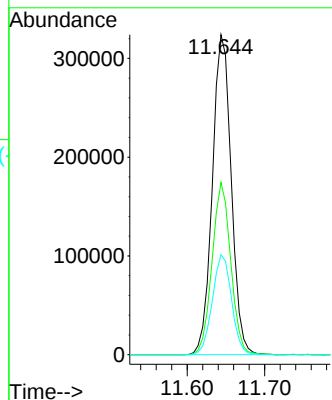
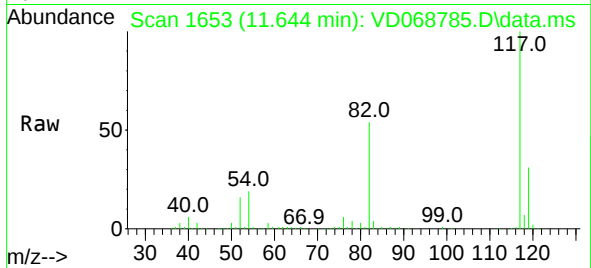




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

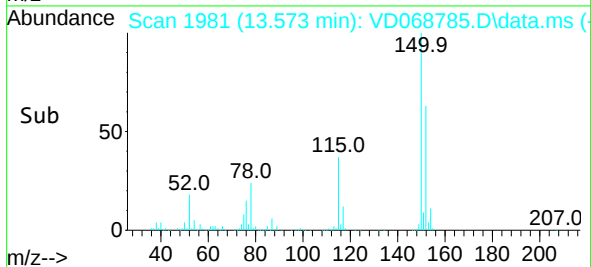
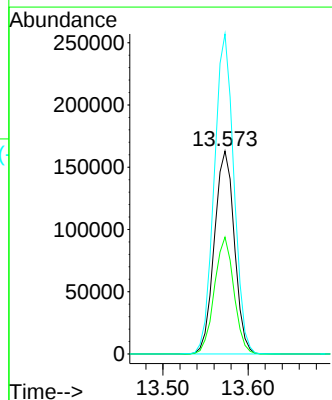
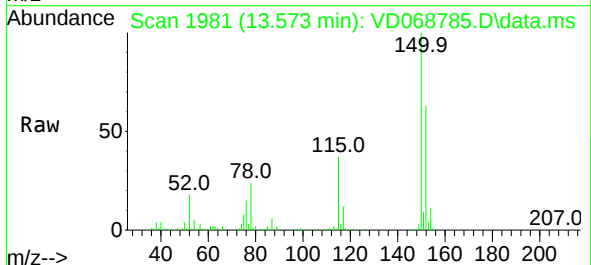
Instrument :
MSVOA_D
ClientSampled :

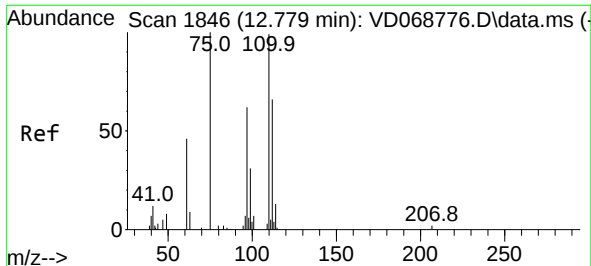
Tgt Ion:117 Resp: 548457
Ion Ratio Lower Upper
117 100
82 53.8 43.5 65.3
119 31.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

Tgt Ion:152 Resp: 266422
Ion Ratio Lower Upper
152 100
115 56.0 29.3 87.8
150 154.8 0.0 347.6

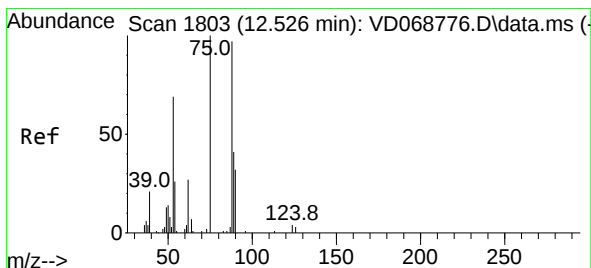
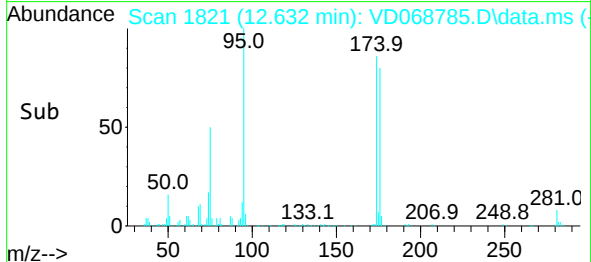
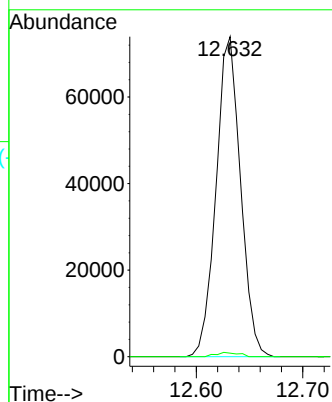
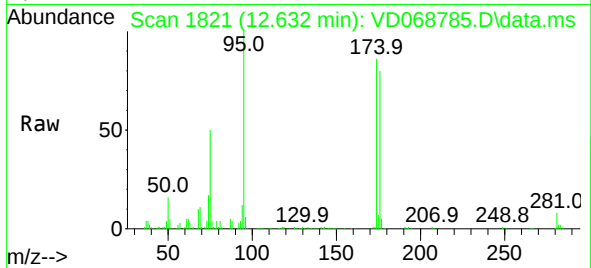




#76
1,2,3-Trichloropropane
Concen: 48.34 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 117649
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068785.D
Acq: 08 Apr 2021 13:20

Tgt Ion: 75 Resp: 117649
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

