

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068988.D
 Acq On : 26 Apr 2021 15:04
 Operator : VA/SY
 Sample : M2170-01
 Misc : 7.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 27 07:12:55 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)

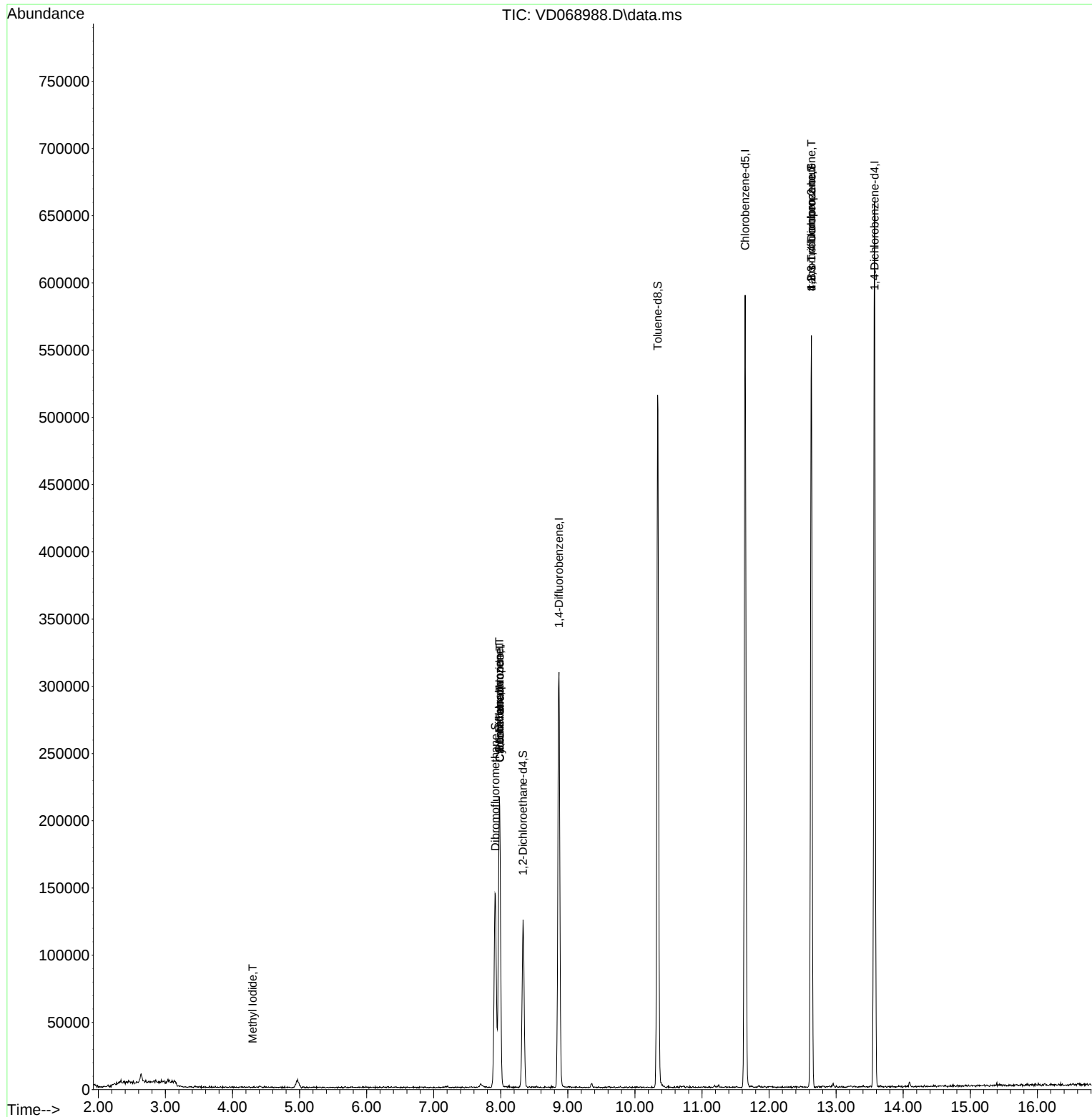
Internal Standards						
1) Pentafluorobenzene	7.979	168	165979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	285714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	364286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	178253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	92769	52.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.78%	
35) Dibromofluoromethane	7.920	113	103975	55.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.90%	
50) Toluene-d8	10.338	98	365763	52.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.34%	
62) 4-Bromofluorobenzene	12.632	95	161026	69.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 138.32%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	54	2.27	ug/l #	41
11) Tert butyl alcohol	5.238	59	168	Below Cal	#	73
20) Methylene Chloride	4.961	84	2622	Below Cal	#	79
31) Cyclohexane	7.985	56	3866	1.32	ug/l #	19
36) 1,1-Dichloropropene	7.979	75	12614	4.36	ug/l #	50
38) Carbon Tetrachloride	7.985	117	16540	5.78	ug/l #	18
76) 1,2,3-Trichloropropane	12.632	75	77976	47.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	77976	111.12	ug/l #	16

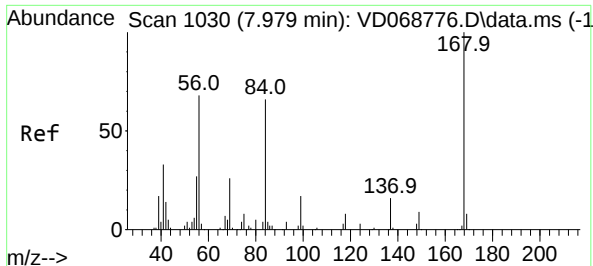
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
Data File : VD068988.D
Acq On : 26 Apr 2021 15:04
Operator : VA/SY
Sample : M2170-01
Misc : 7.88G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 27 07:12:55 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

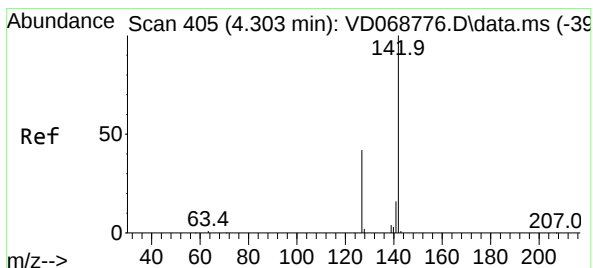
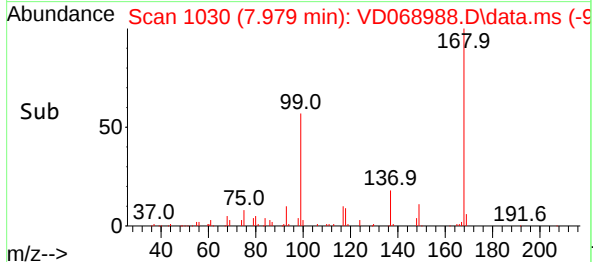
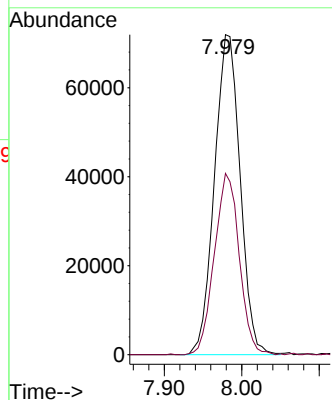
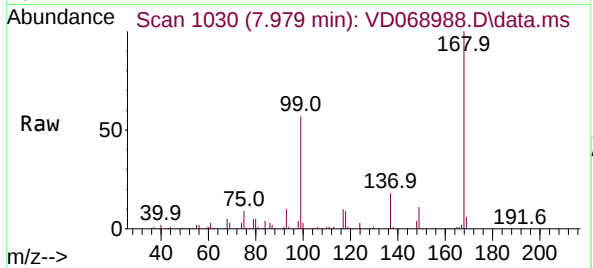




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

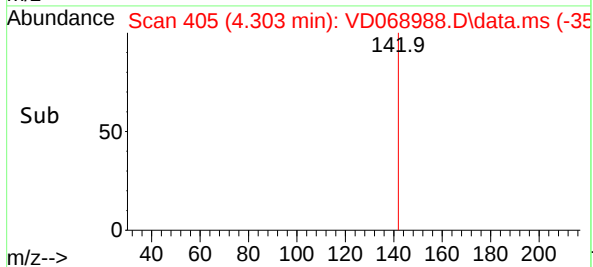
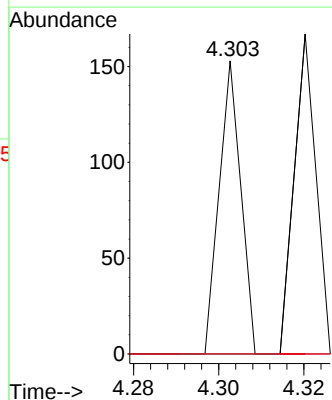
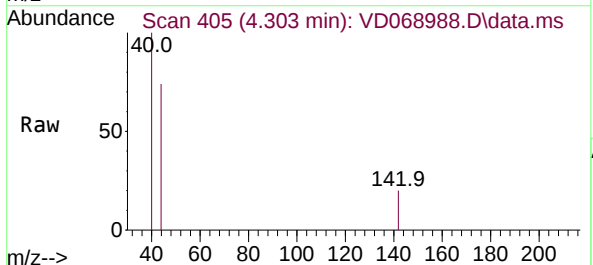
Instrument :
MSVOA_D
ClientSampled :

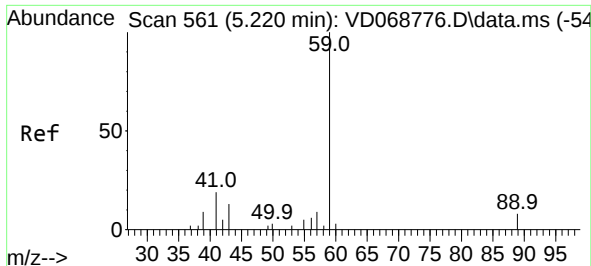
Tgt Ion:168 Resp: 165979
Ion Ratio Lower Upper
168 100
99 56.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.27 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

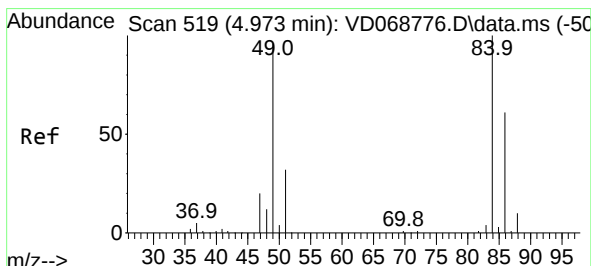
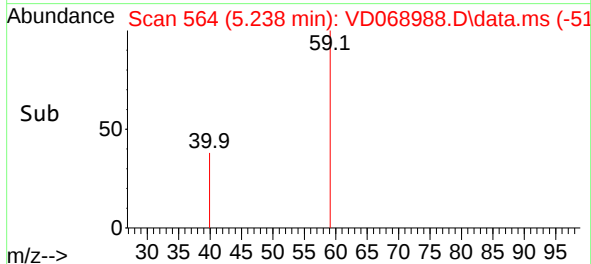
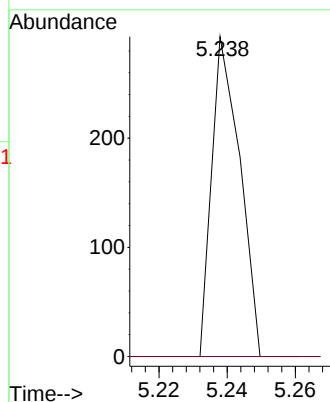
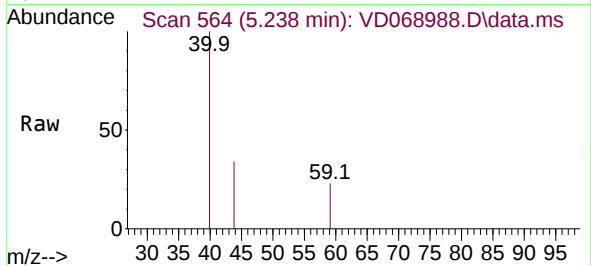




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.018 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

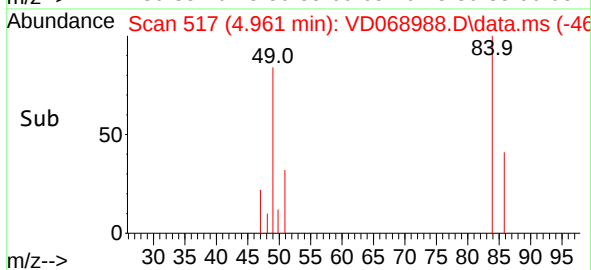
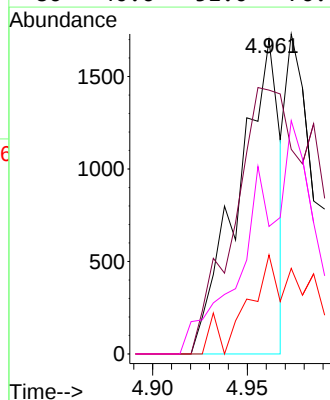
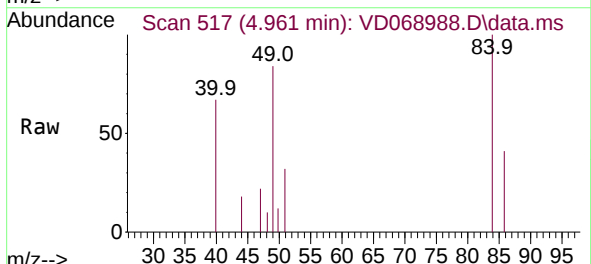
Instrument :
MSVOA_D
ClientSampled :

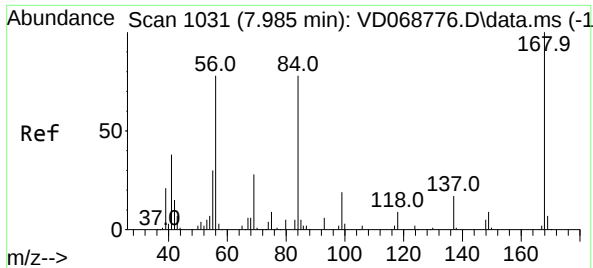
Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

Tgt Ion: 84 Resp: 2622
Ion Ratio Lower Upper
84 100
49 84.0 83.4 125.0
51 31.5 23.4 35.2
86 40.6 51.0 76.4#

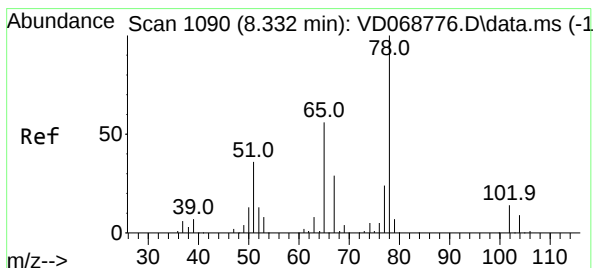
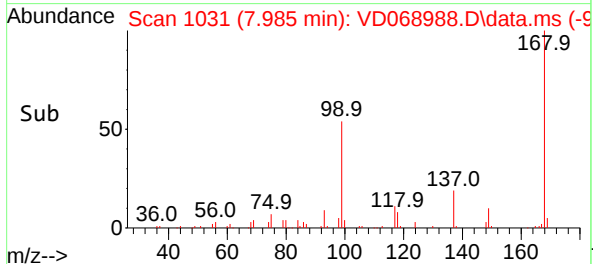
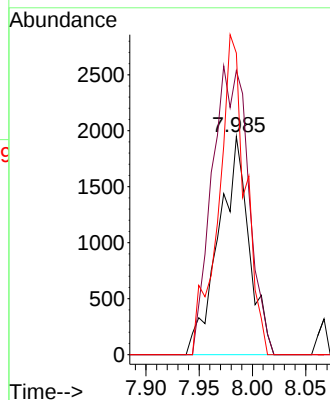
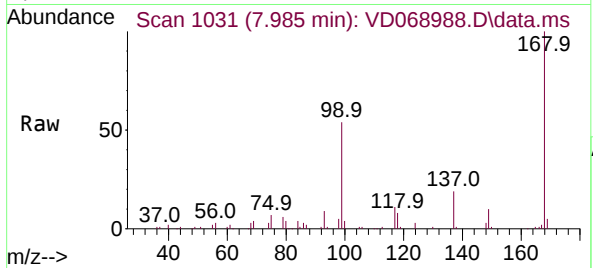




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

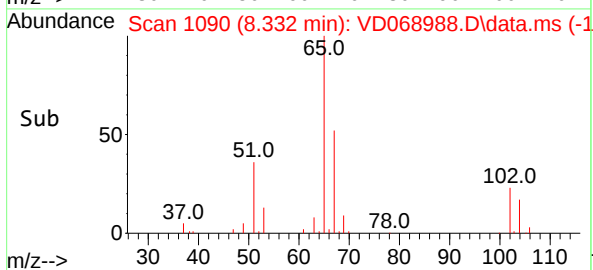
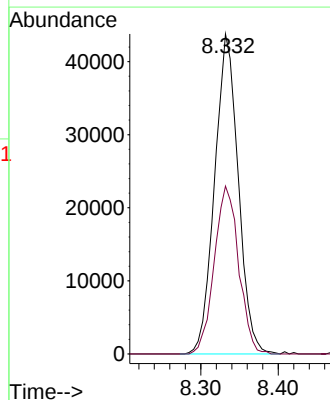
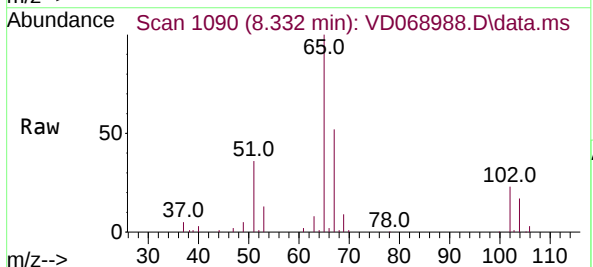
Instrument :
MSVOA_D
ClientSampled :

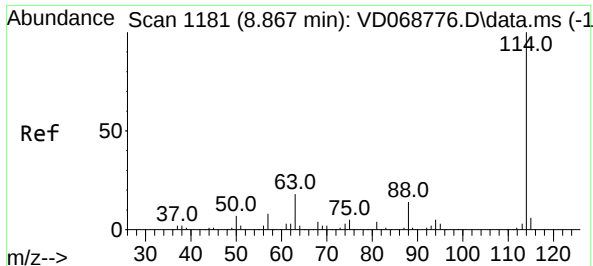
Tgt Ion: 56 Resp: 3866
Ion Ratio Lower Upper
56 100
69 130.4 30.0 45.0#
84 157.5 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 52.89 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

Tgt Ion: 65 Resp: 92769
Ion Ratio Lower Upper
65 100
67 54.1 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: VD068988.D

Acq: 26 Apr 2021 15:04

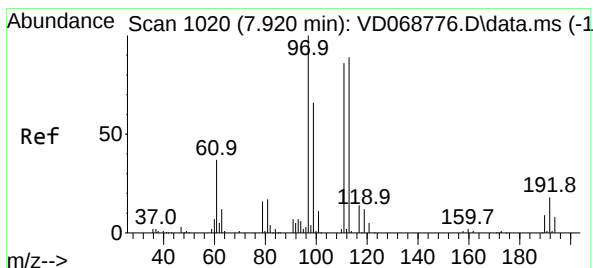
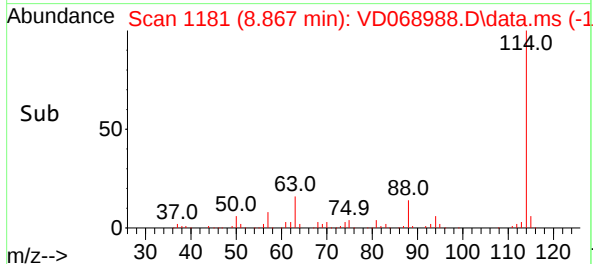
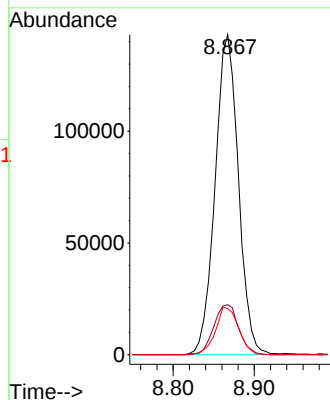
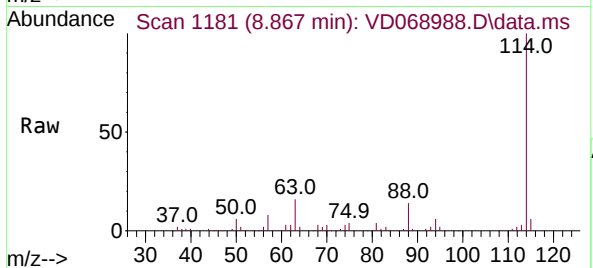
Tgt Ion:114 Resp: 285714

Ion Ratio Lower Upper

114 100

63 15.6 0.0 38.2

88 14.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 55.95 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068988.D

Acq: 26 Apr 2021 15:04

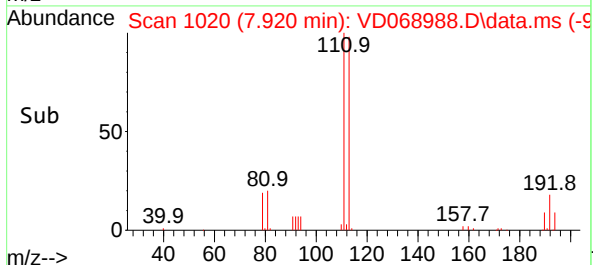
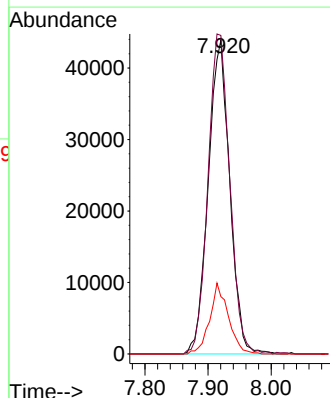
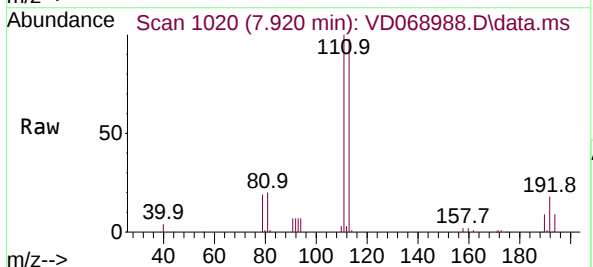
Tgt Ion:113 Resp: 103975

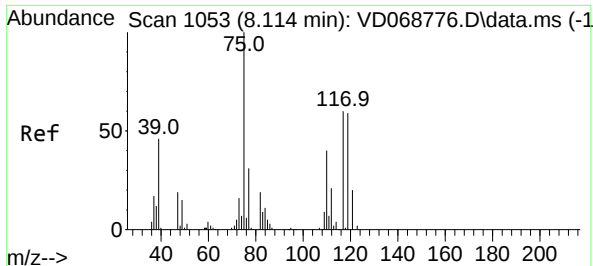
Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

192 19.6 15.1 22.7

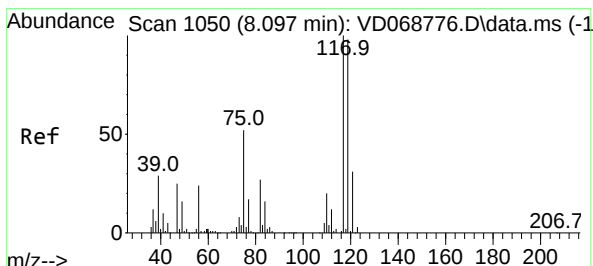
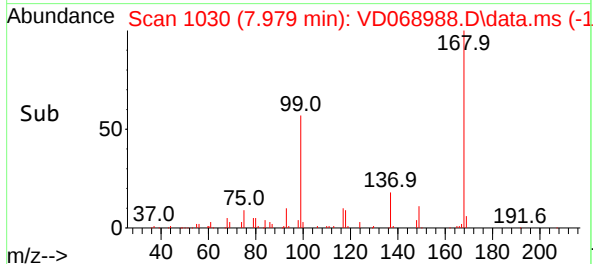
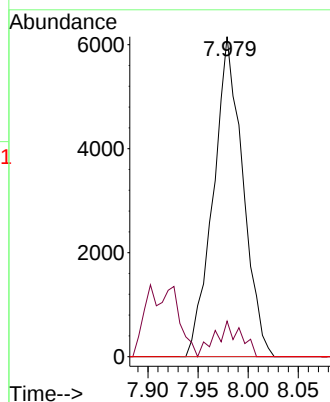
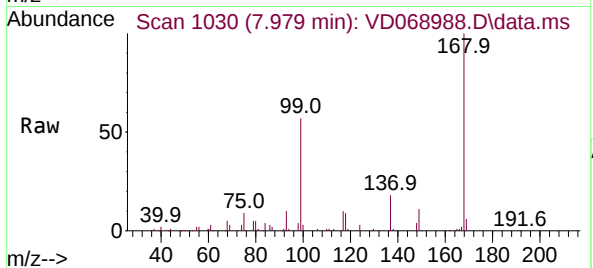




#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

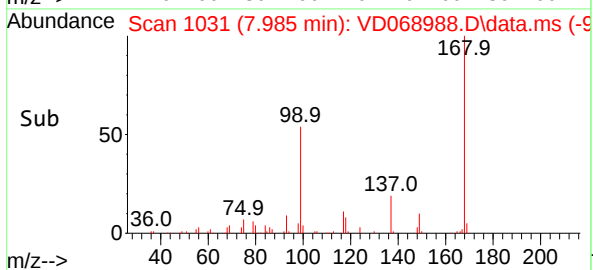
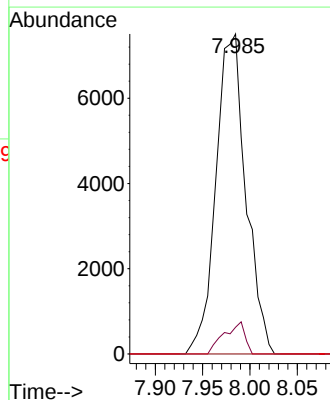
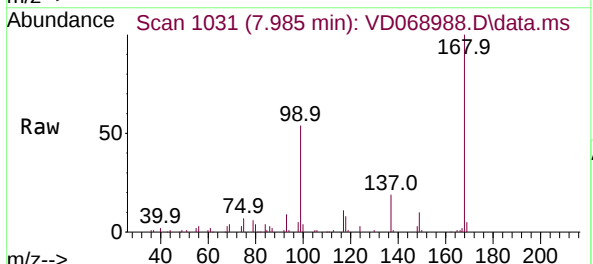
Instrument :
MSVOA_D
ClientSampled :

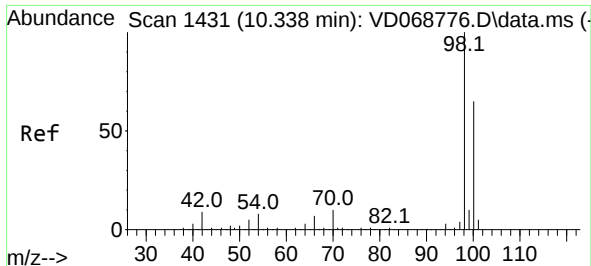
Tgt Ion:	75	Resp:	12614
Ion Ratio	Lower	Upper	
75	100		
110	9.6	18.1	54.4#
77	0.0	24.7	37.1#



#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

Tgt Ion:	117	Resp:	16540
Ion Ratio	Lower	Upper	
117	100		
119	8.4	76.6	115.0#
121	0.0	26.1	39.1#

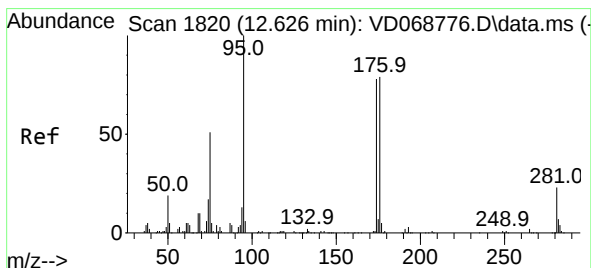
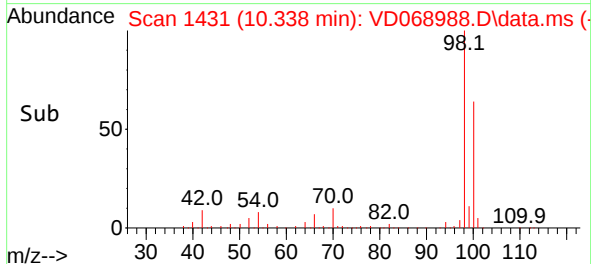
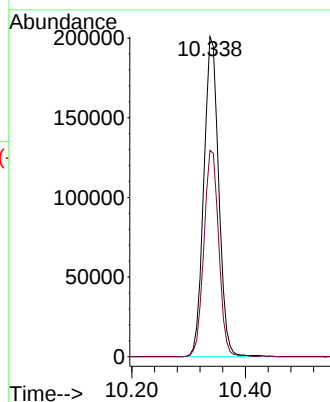
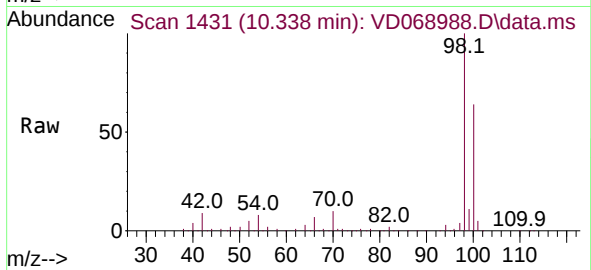




#50
Toluene-d8
Concen: 52.17 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

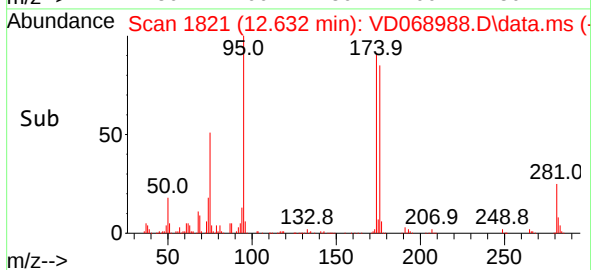
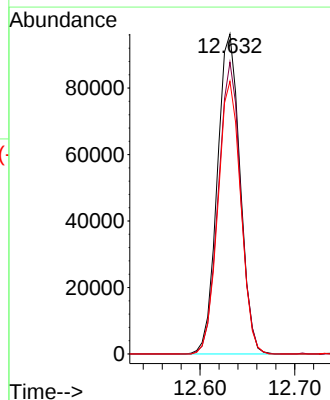
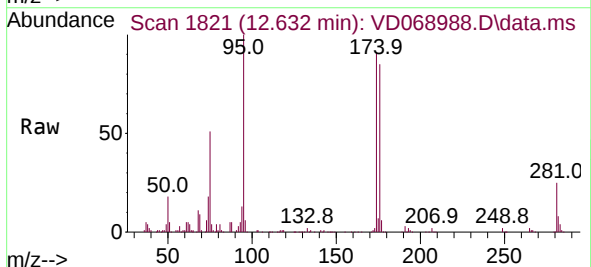
Instrument :
MSVOA_D
ClientSampled :

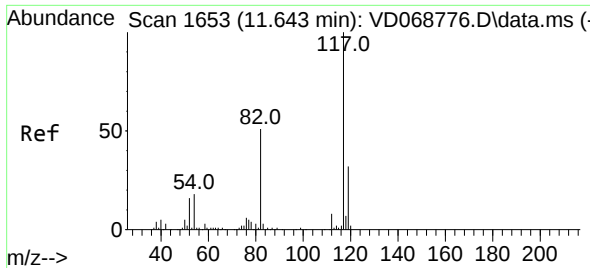
Tgt Ion: 98 Resp: 365763
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

Tgt Ion: 95 Resp: 161026
Ion Ratio Lower Upper
95 100
174 89.3 0.0 168.0
176 85.2 0.0 160.2

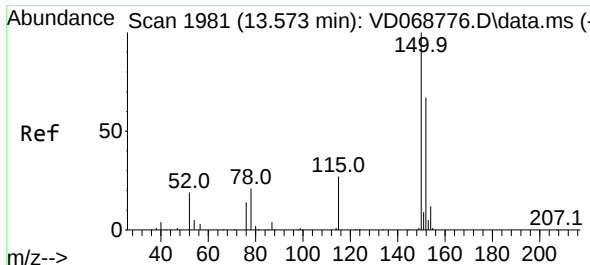
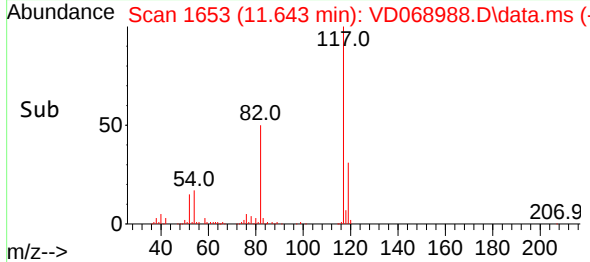
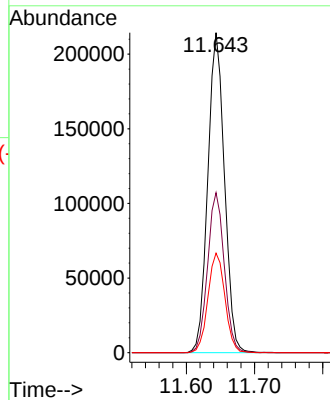
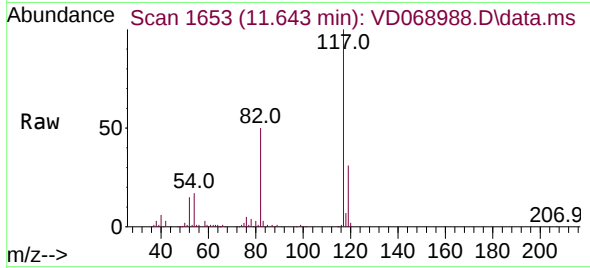




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

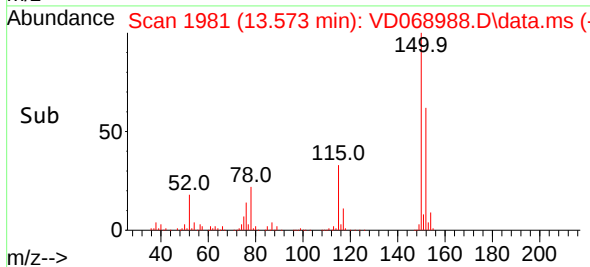
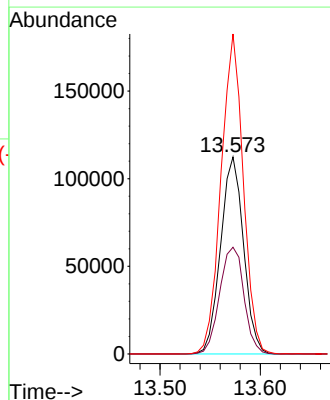
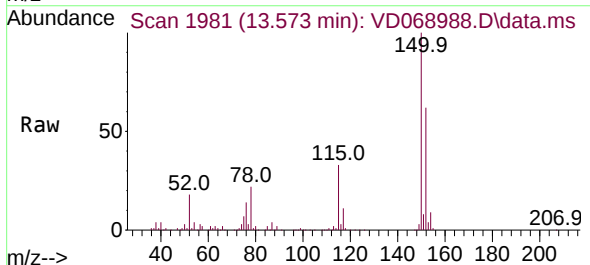
Instrument :
MSVOA_D
ClientSampleId :

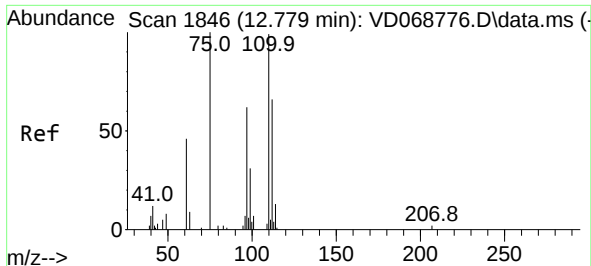
Tgt Ion:117 Resp: 364286
Ion Ratio Lower Upper
117 100
82 50.0 43.5 65.3
119 31.1 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

Tgt Ion:152 Resp: 178253
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 157.2 0.0 347.6

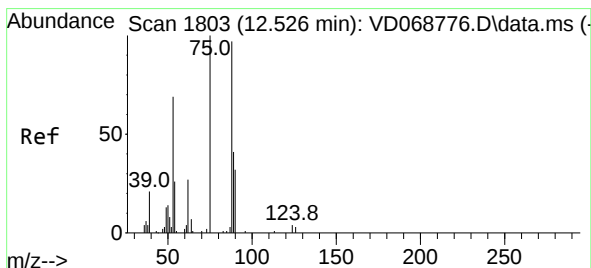
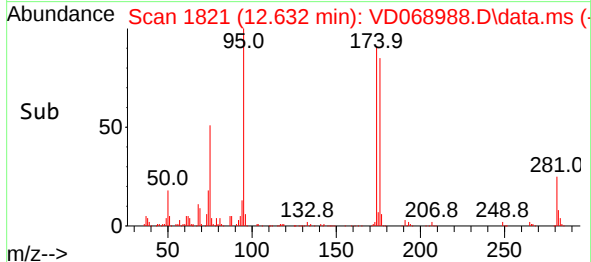
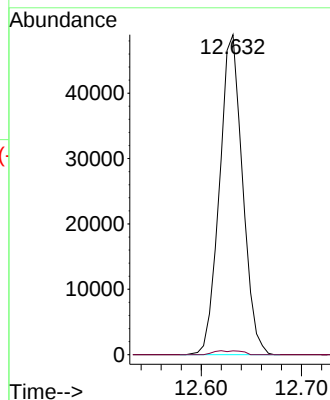
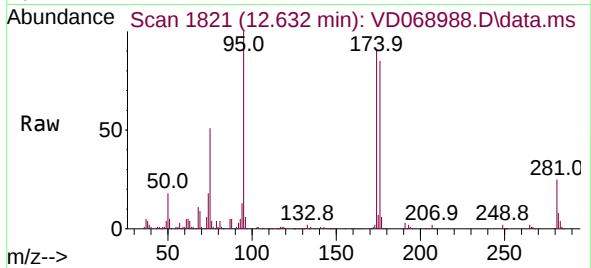




#76
1,2,3-Trichloropropane
Concen: 47.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 77976
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068988.D
Acq: 26 Apr 2021 15:04

Tgt Ion: 75 Resp: 77976
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 36.6 54.8#

