

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068029.D
 Acq On : 07 Jan 2021 12:56
 Operator : VA/SY
 Sample : M1020-01RE
 Misc : 6.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 356

Quant Time: Jan 08 00:14:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

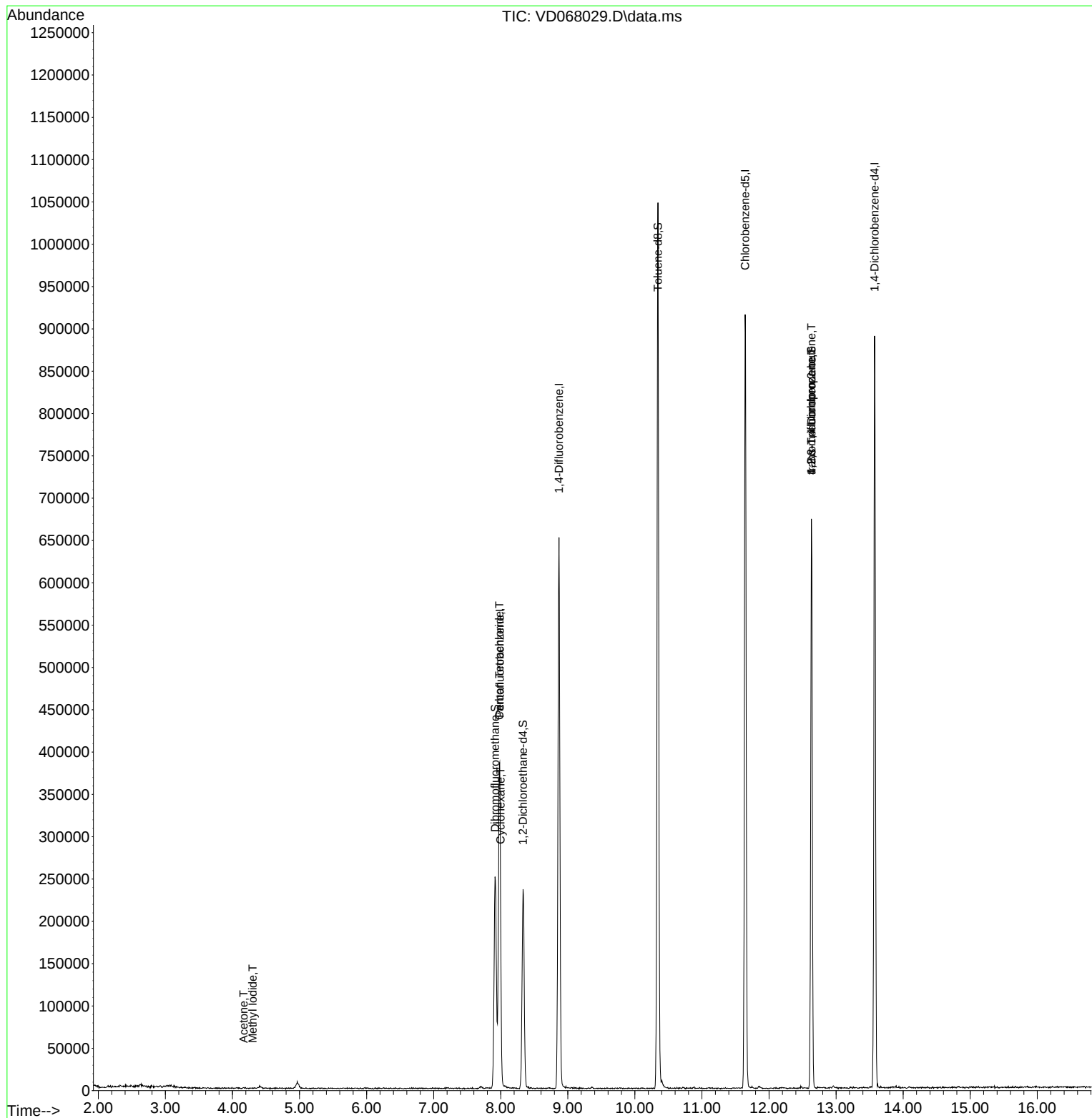
Internal Standards						
1) Pentafluorobenzene	7.985	168	275876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	545297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	520236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	225969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	185161	62.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.30%			
35) Dibromofluoromethane	7.914	113	186297	54.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.44%			
50) Toluene-d8	10.344	98	690920	53.50	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.00%			
62) 4-Bromofluorobenzene	12.632	95	222989	50.48	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.96%			
Target Compounds						
5) Bromomethane	2.773	94	374	Below Cal	#	1
10) Methyl Iodide	4.303	142	202	3.91	ug/l #	79
16) Acetone	4.168	43	1060	1.86	ug/l #	47
20) Methylene Chloride	4.956	84	5328	Below Cal	#	57
31) Cyclohexane	7.997	56	7279	1.20	ug/l #	48
38) Carbon Tetrachloride	7.979	117	30889	5.58	ug/l #	19
76) 1,2,3-Trichloropropane	12.632	75	114928	60.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	114928	123.83	ug/l #	12

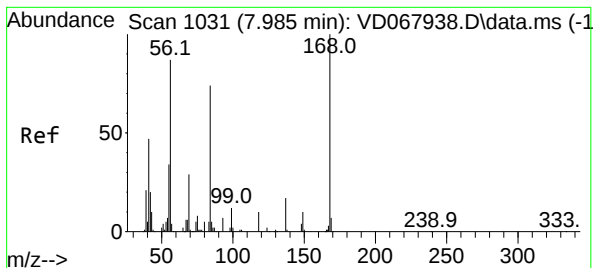
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

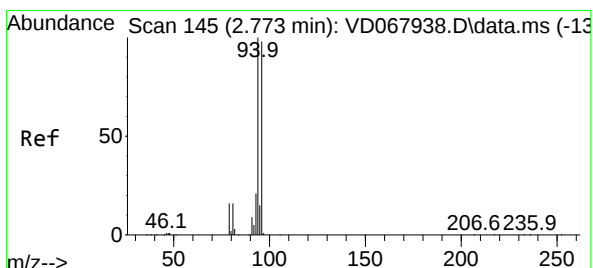
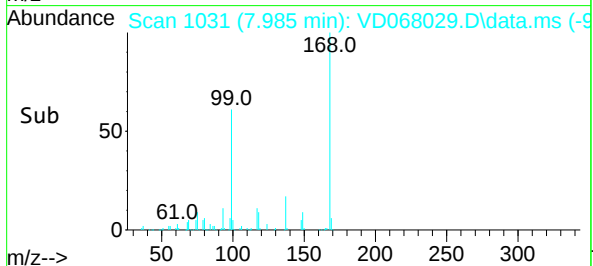
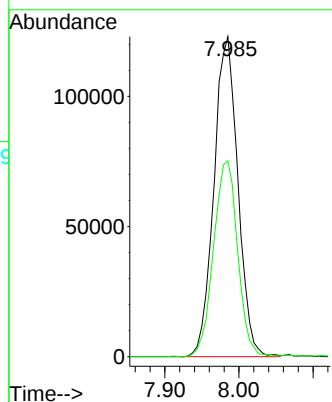
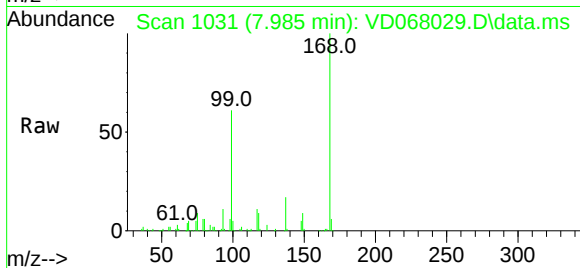




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

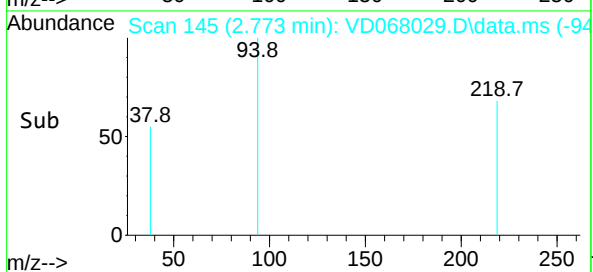
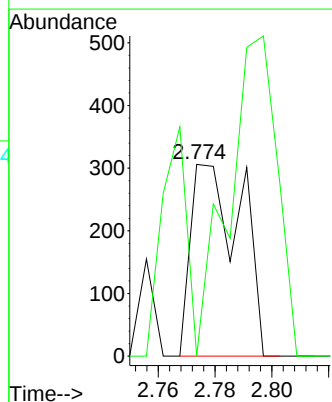
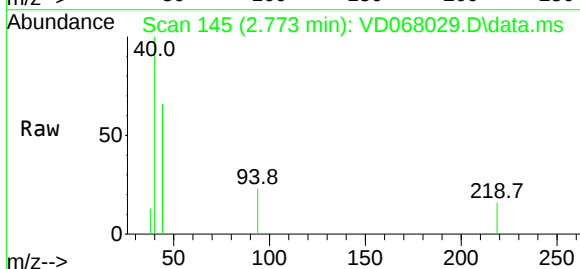
Instrument :
MSVOA_D
ClientSampled :
356

Tgt Ion:168 Resp: 275876
Ion Ratio Lower Upper
168 100
99 61.2 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

Tgt Ion: 94 Resp: 374
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#

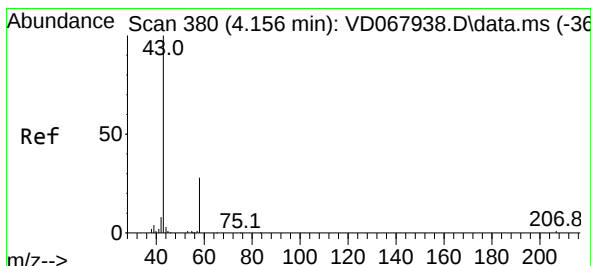
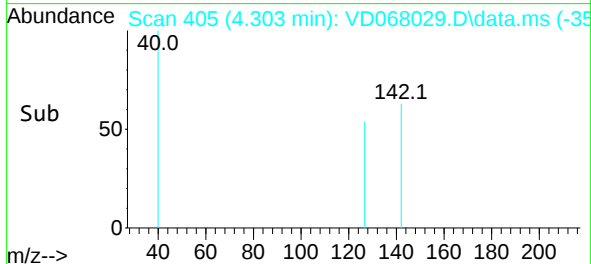
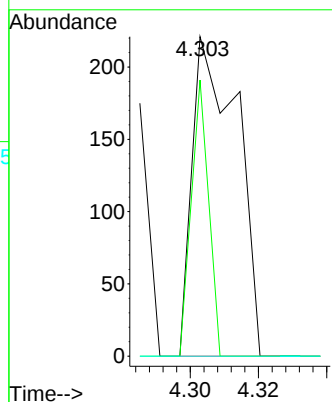
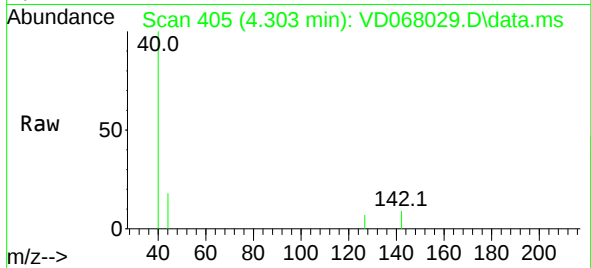




#10
Methyl Iodide
Concen: 3.91 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

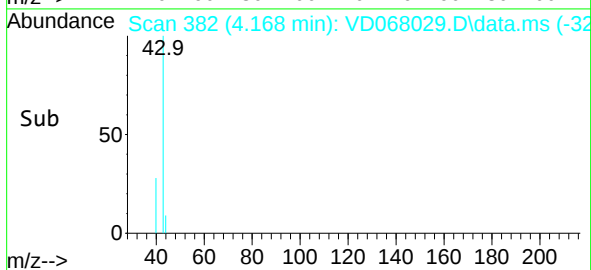
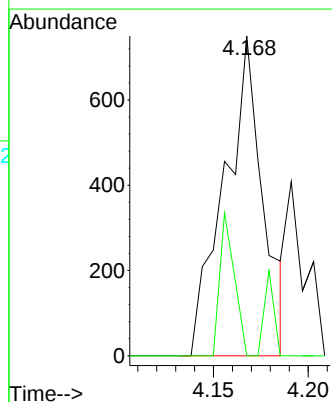
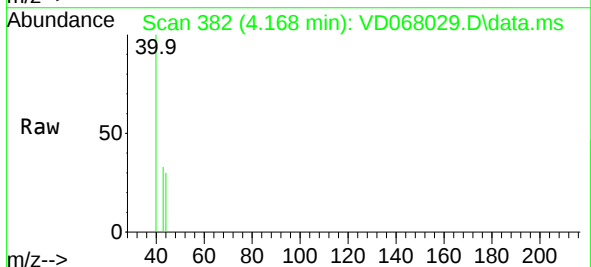
Instrument :
MSVOA_D
ClientSampled :
356

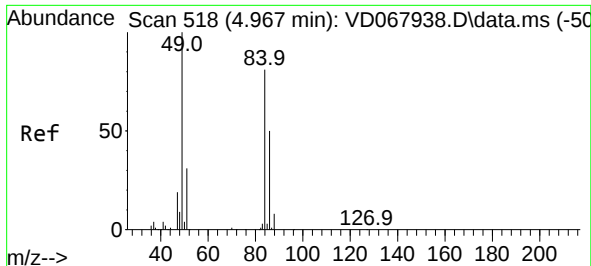
Tgt Ion:142 Resp: 202
Ion Ratio Lower Upper
142 100
127 33.2 34.4 51.6#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.86 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#

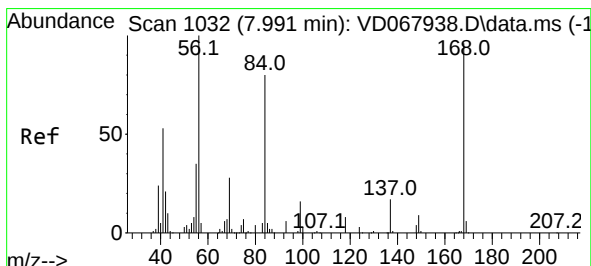
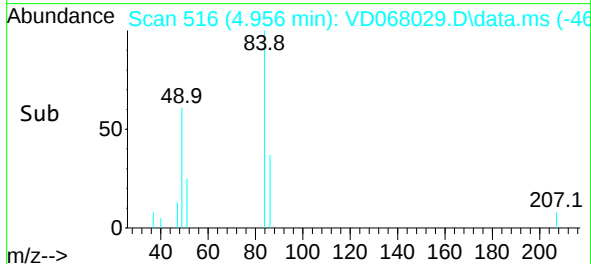
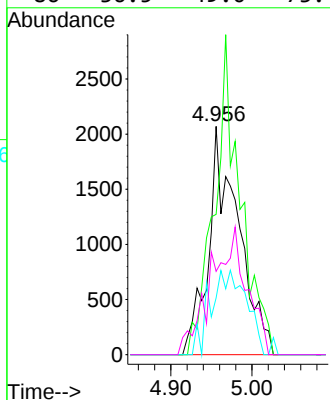
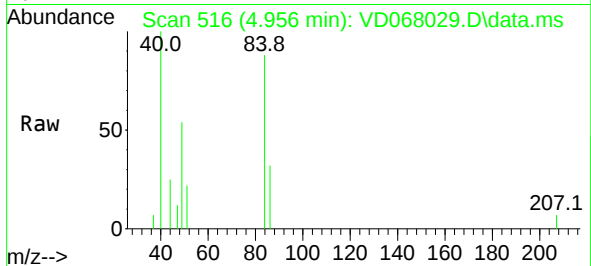




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

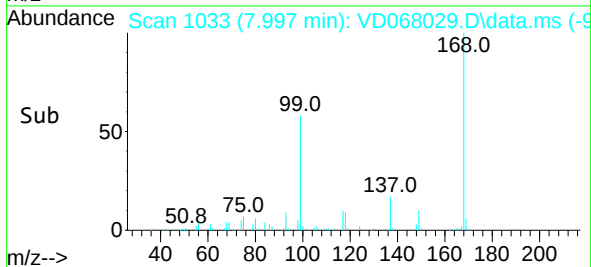
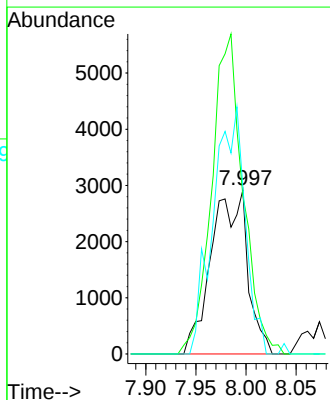
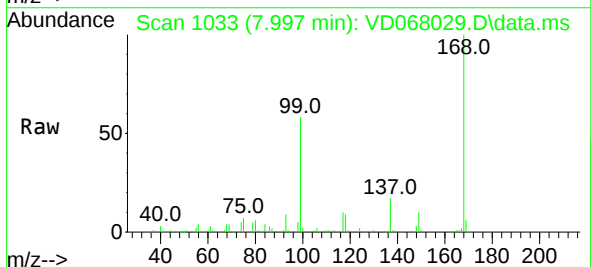
Instrument :
MSVOA_D
ClientSampleId :
356

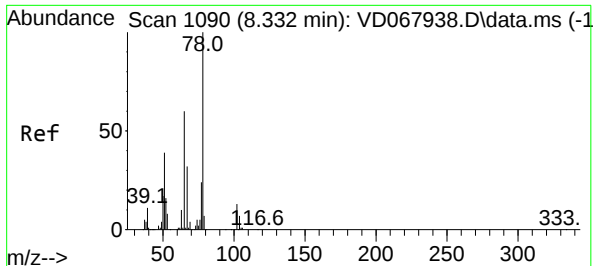
Tgt Ion:	84	Resp:	5328
Ion	Ratio	Lower	Upper
84	100		
49	61.4	98.3	147.5#
51	24.9	30.3	45.5#
86	36.5	49.0	73.4#



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.997 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

Tgt Ion:	56	Resp:	7279
Ion	Ratio	Lower	Upper
56	100		
69	96.7	22.7	34.1#
84	102.1	64.2	96.4#

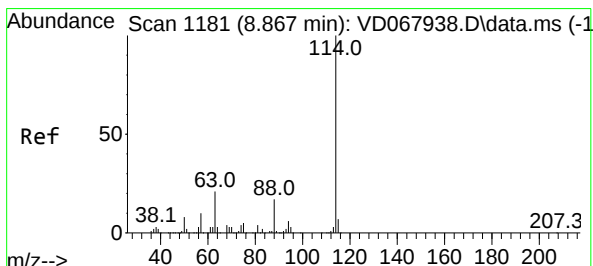
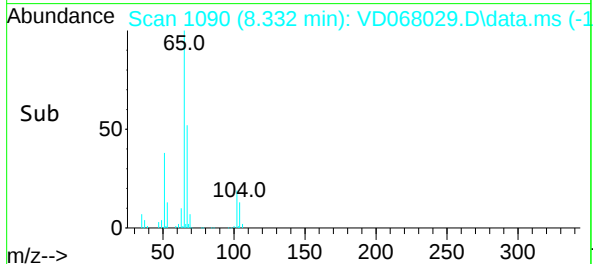
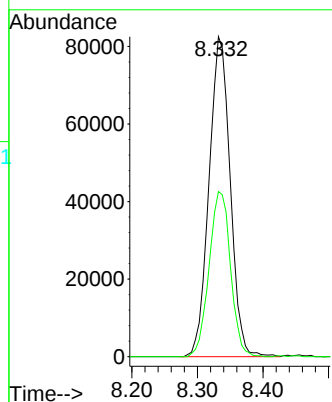
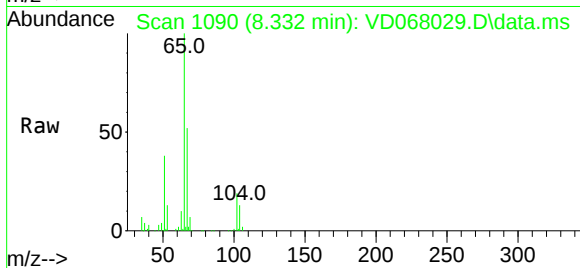




#33
1,2-Dichloroethane-d4
Concen: 62.15 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

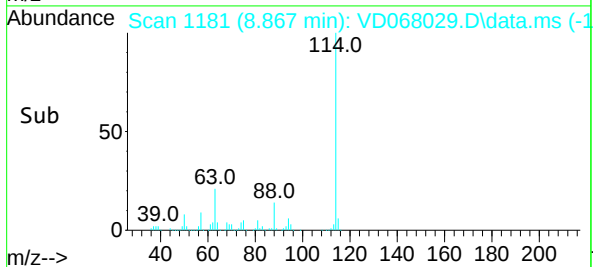
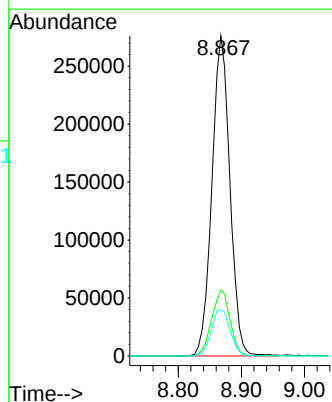
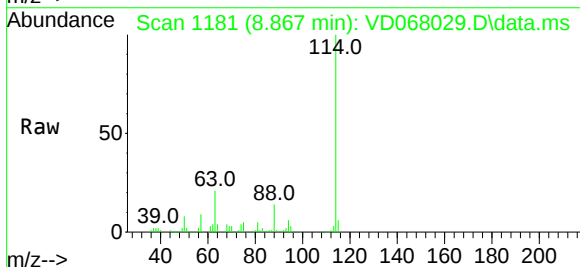
Instrument :
MSVOA_D
ClientSampled :
356

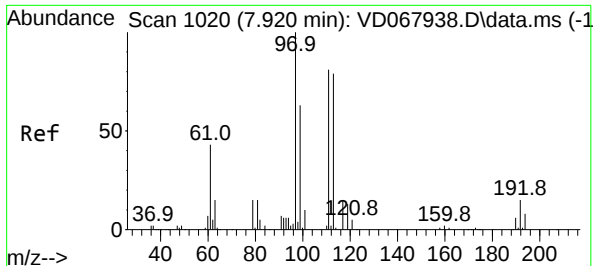
Tgt Ion: 65 Resp: 185161
Ion Ratio Lower Upper
65 100
67 52.1 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

Tgt Ion: 114 Resp: 545297
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.4
88 14.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.22 ug/l

RT: 7.914 min Scan# 1019

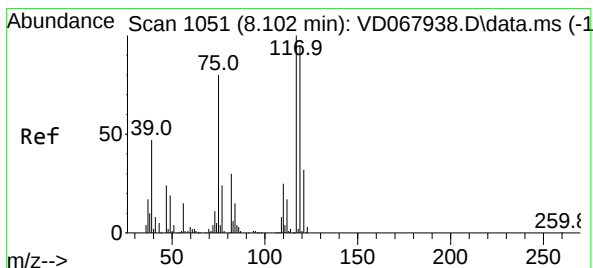
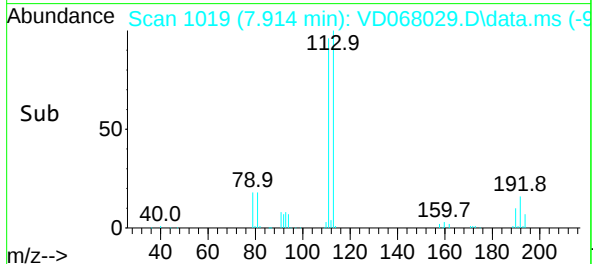
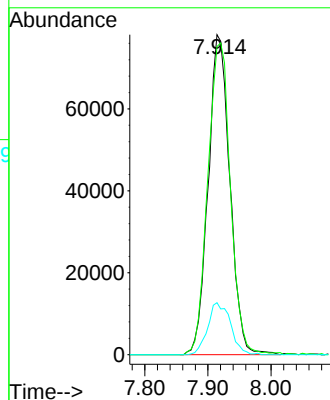
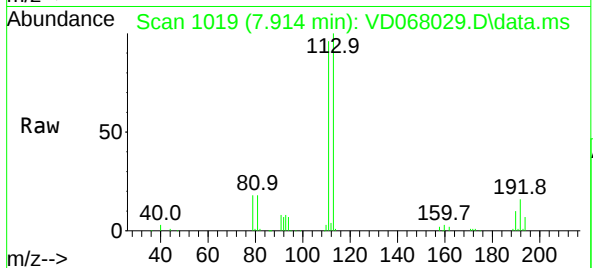
Delta R.T. -0.006 min

Lab File: VD068029.D

Acq: 07 Jan 2021 12:56

Instrument :
MSVOA_D
ClientSampled :
356

Tgt Ion:	113	Resp:	186297
Ion Ratio	Lower	Upper	
113	100		
111	101.8	79.3	118.9
192	17.1	14.5	21.7



#38

Carbon Tetrachloride

Concen: 5.58 ug/l

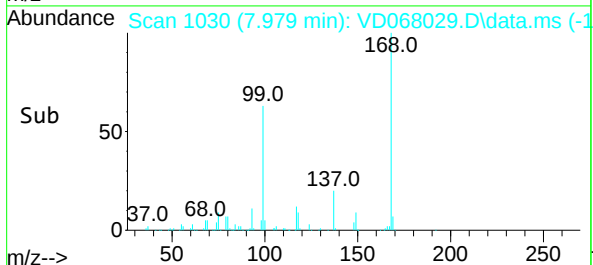
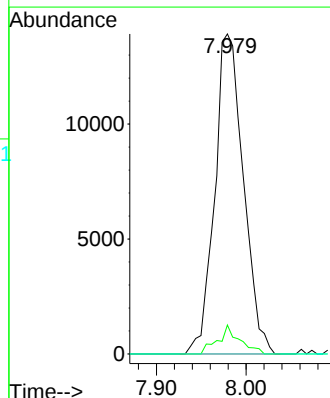
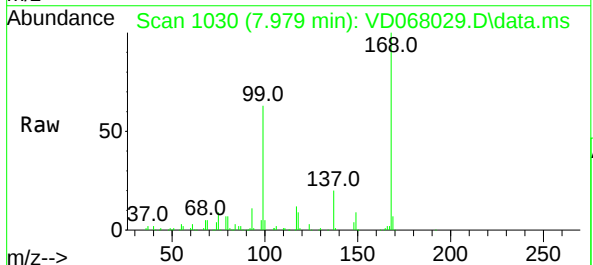
RT: 7.979 min Scan# 1030

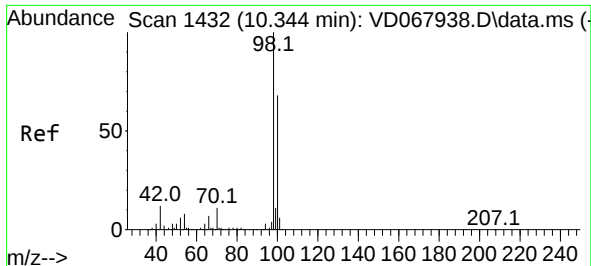
Delta R.T. -0.123 min

Lab File: VD068029.D

Acq: 07 Jan 2021 12:56

Tgt Ion:	117	Resp:	30889
Ion Ratio	Lower	Upper	
117	100		
119	9.0	76.2	114.4#
121	0.0	25.9	38.9#

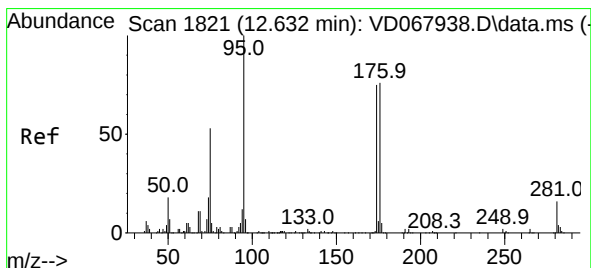
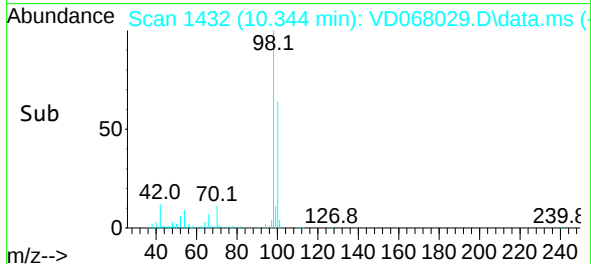
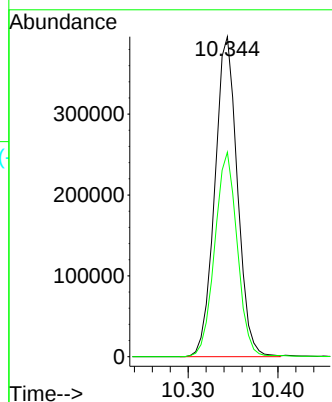
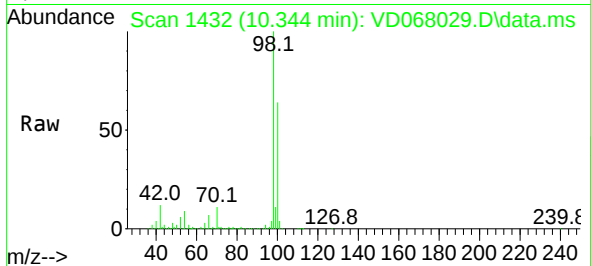




#50
Toluene-d8
Concen: 53.50 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

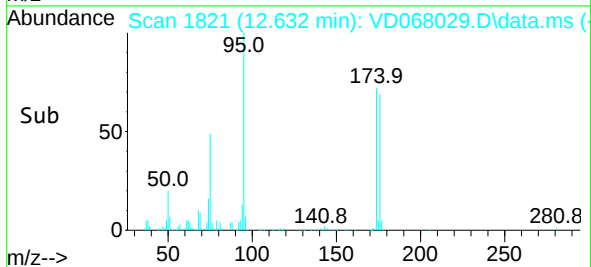
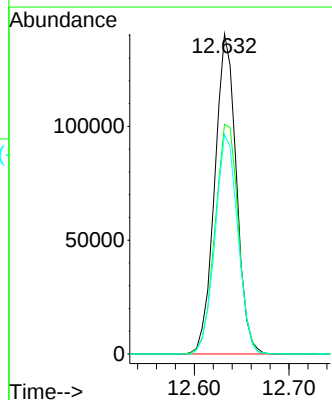
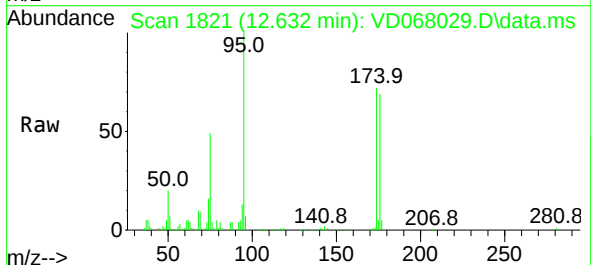
Instrument :
MSVOA_D
ClientSampleId :
356

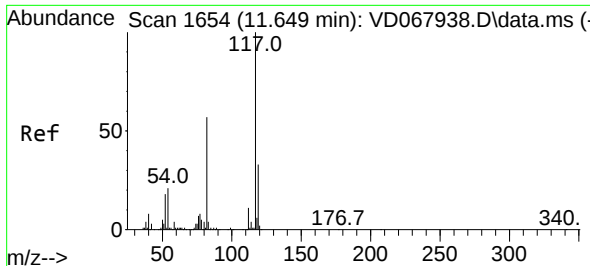
Tgt Ion: 98 Resp: 690920
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

Tgt Ion: 95 Resp: 222989
Ion Ratio Lower Upper
95 100
174 77.8 0.0 150.6
176 72.1 0.0 151.2

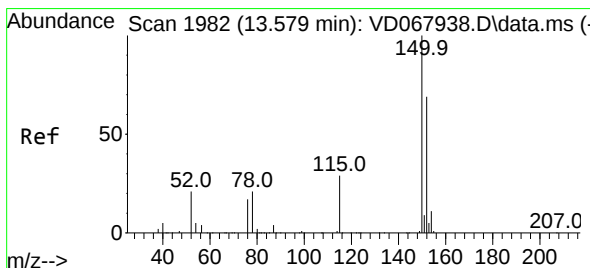
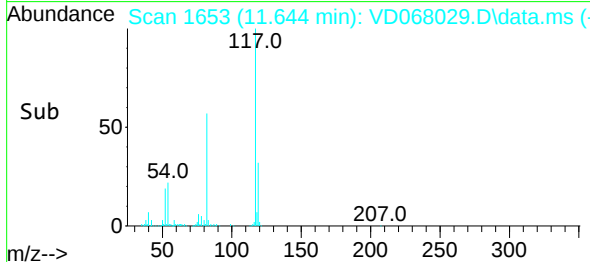
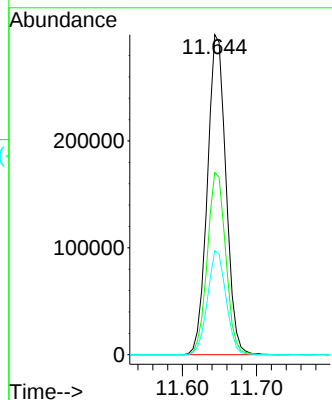
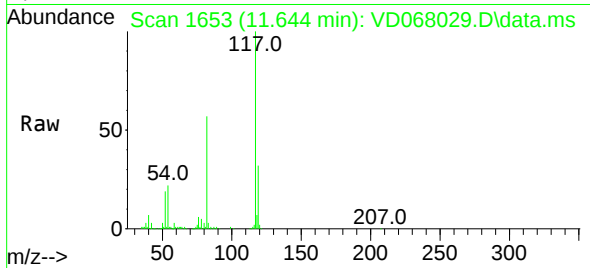




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

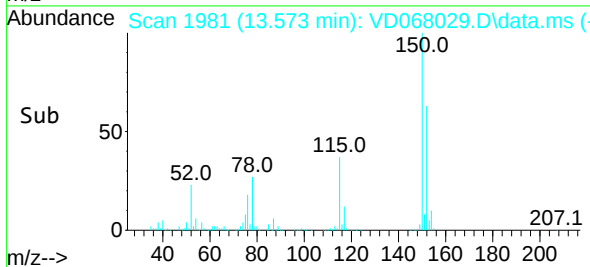
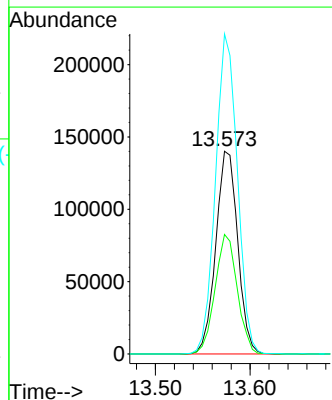
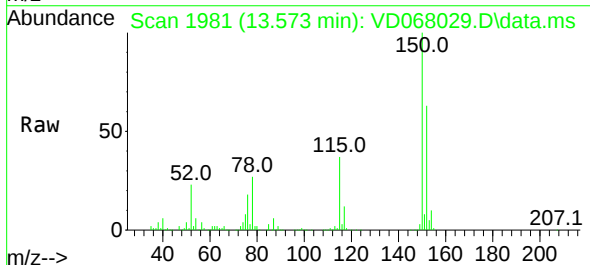
Instrument :
MSVOA_D
ClientSampled :
356

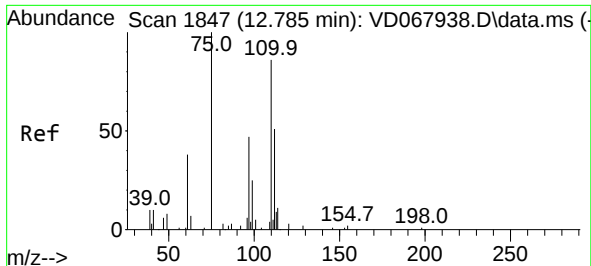
Tgt Ion:117 Resp: 520236
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.0
119 32.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

Tgt Ion:152 Resp: 225969
Ion Ratio Lower Upper
152 100
115 59.8 29.3 88.0
150 157.7 0.0 340.0

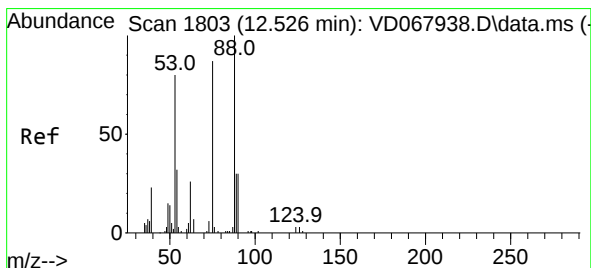
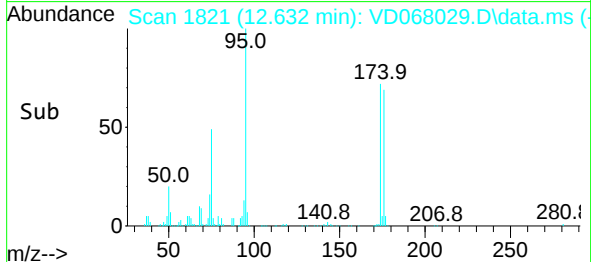
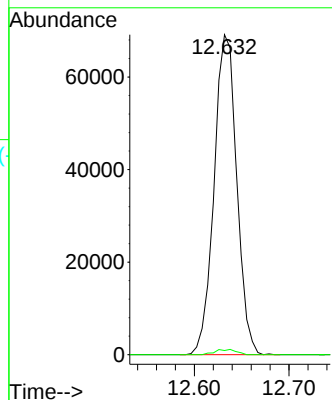
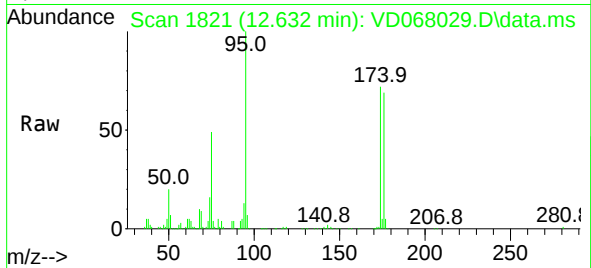




#76
1,2,3-Trichloropropane
Concen: 60.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

Instrument :
MSVOA_D
ClientSampled :
356

Tgt Ion: 75 Resp: 114928
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068029.D
Acq: 07 Jan 2021 12:56

Tgt Ion: 75 Resp: 114928
Ion Ratio Lower Upper
75 100
53 0.2 74.9 112.3#
89 0.0 33.8 50.8#

