

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068229.D
 Acq On : 28 Jan 2021 17:56
 Operator : VA/SY
 Sample : M1271-02
 Misc : 7.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-332

Quant Time: Jan 29 00:11:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

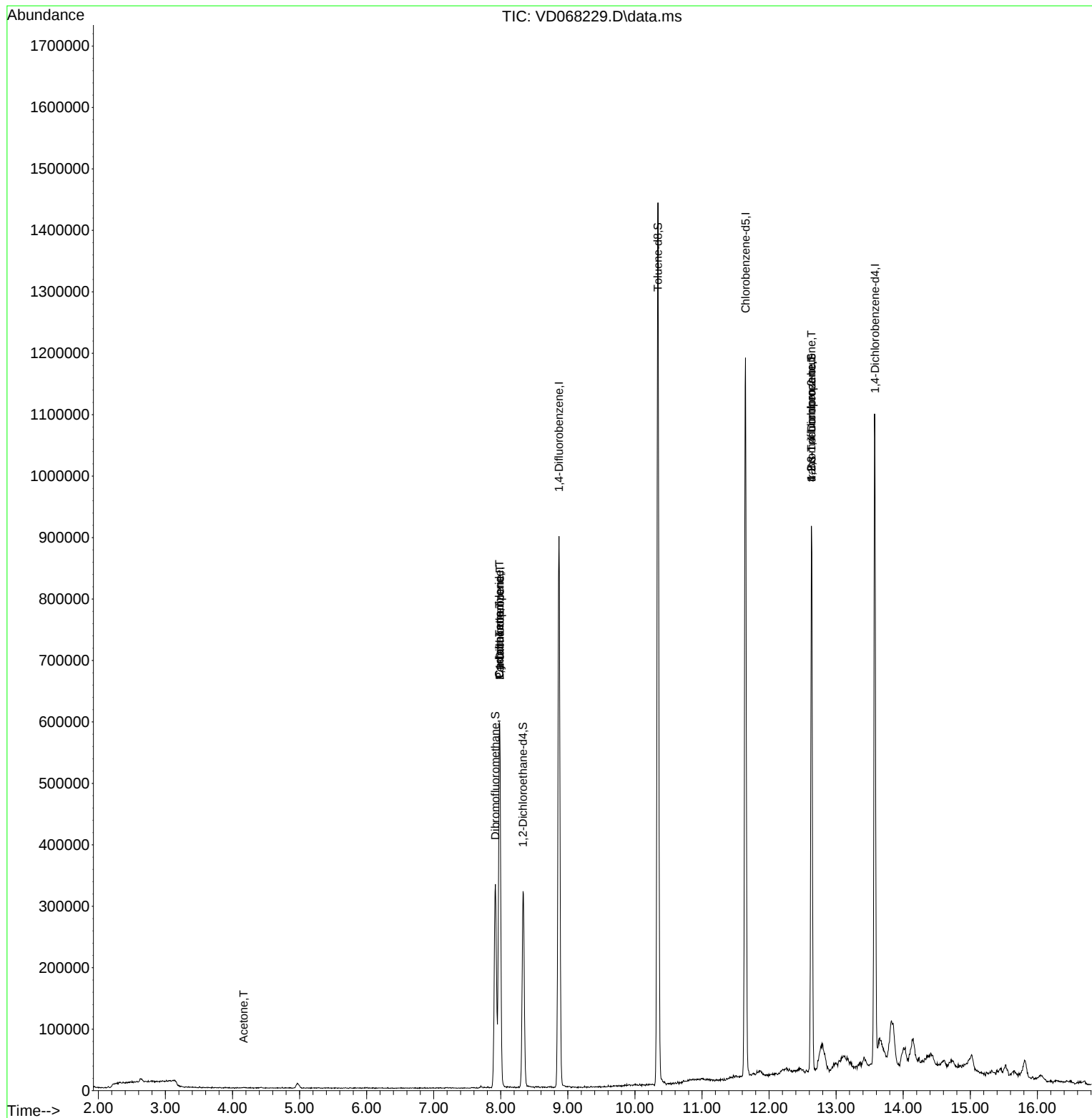
Internal Standards						
1) Pentafluorobenzene	7.985	168	461033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	814404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	704456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	283442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	257747	58.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.88%
35) Dibromofluoromethane	7.920	113	242857	53.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.88%
50) Toluene-d8	10.344	98	1009169	56.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.06%
62) 4-Bromofluorobenzene	12.632	95	309878	47.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.56%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	1865	2.37	ug/l #	44
20) Methylene Chloride	4.956	84	6404	Below Cal	#	83
31) Cyclohexane	7.979	56	10029	1.05	ug/l #	32
36) 1,1-Dichloropropene	7.985	75	38327	4.67	ug/l #	47
38) Carbon Tetrachloride	7.979	117	45881	5.97	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	154557	56.40	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	154557	114.12	ug/l #	14

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

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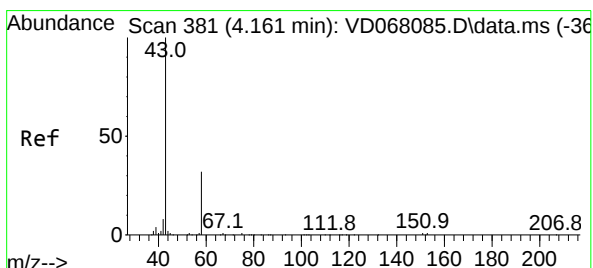
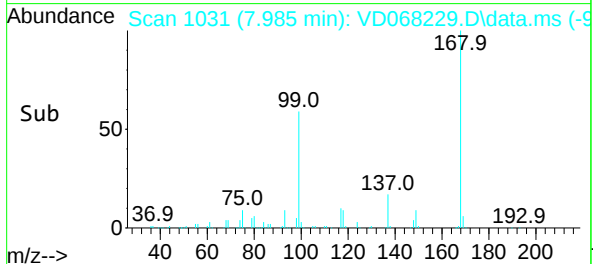
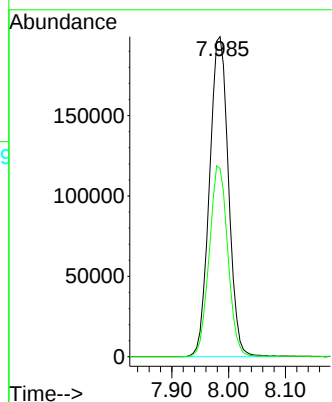
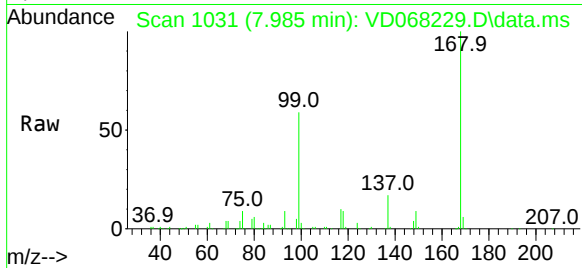




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

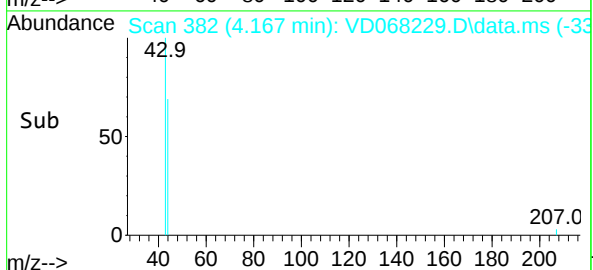
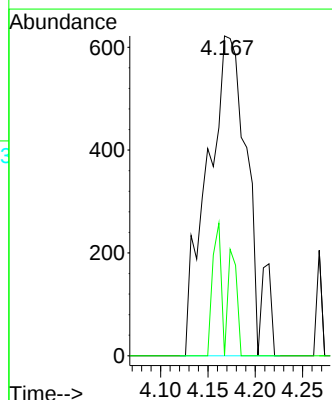
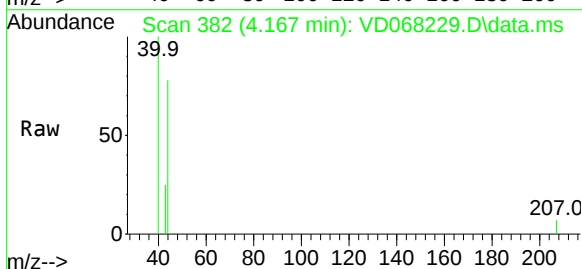
Instrument :
MSVOA_D
ClientSampleId :
RO-332

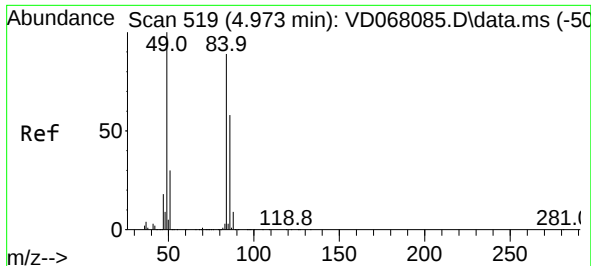
Tgt Ion:168 Resp: 461033
Ion Ratio Lower Upper
168 100
99 58.8 43.5 65.3



#16
Acetone
Concen: 2.37 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

Tgt Ion: 43 Resp: 1865
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

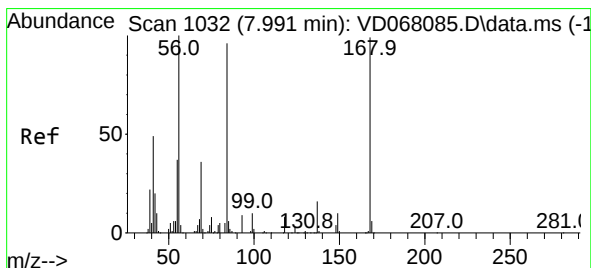
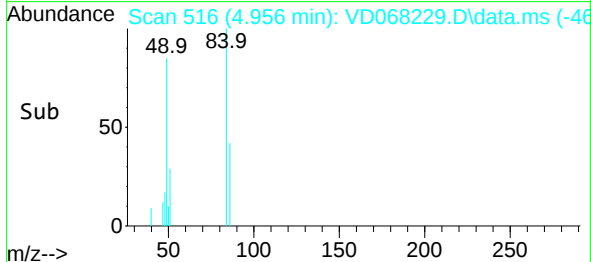
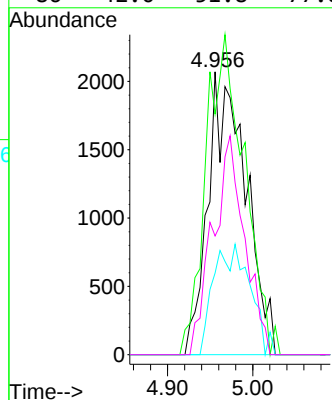
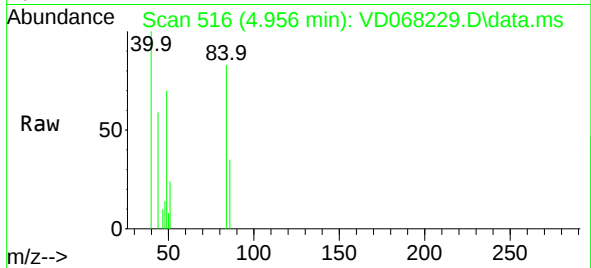




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.017 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

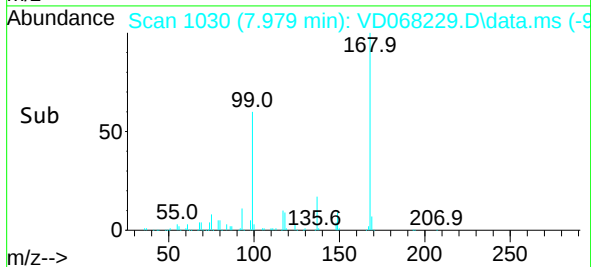
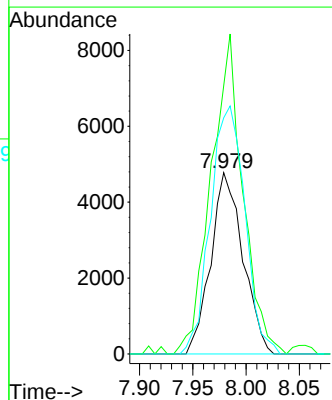
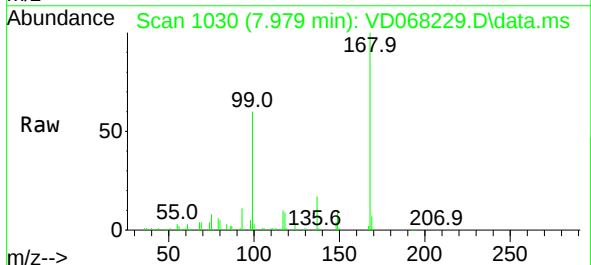
Instrument :
MSVOA_D
ClientSampleId :
RO-332

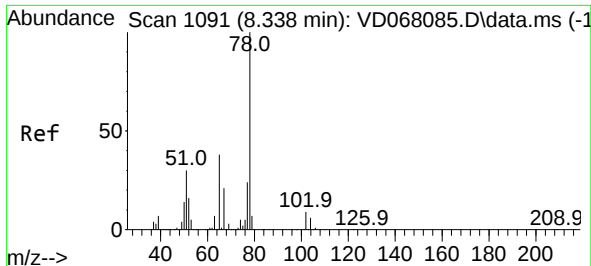
Tgt Ion:	84	Resp:	6404
Ion	Ratio	Lower	Upper
84	100		
49	85.1	77.4	116.2
51	28.8	26.1	39.1
86	42.0	51.8	77.8#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

Tgt Ion:	56	Resp:	10029
Ion	Ratio	Lower	Upper
56	100		
69	144.7	30.1	45.1#
84	130.3	82.1	123.1#

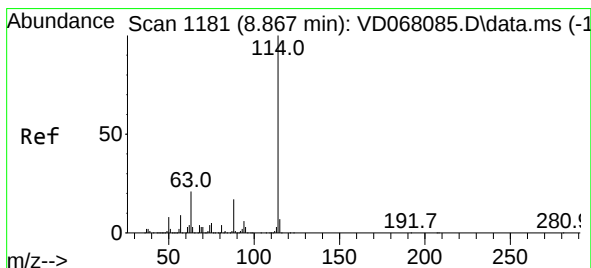
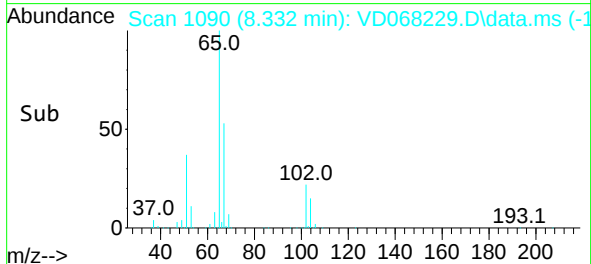
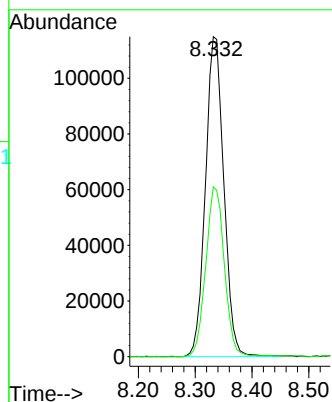
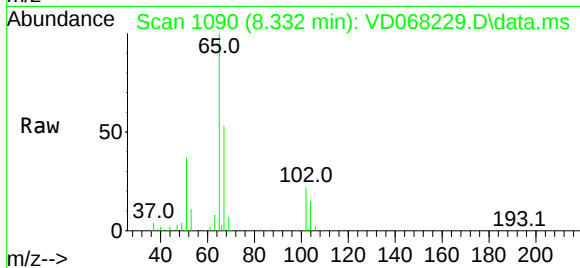




#33
1,2-Dichloroethane-d4
Concen: 58.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

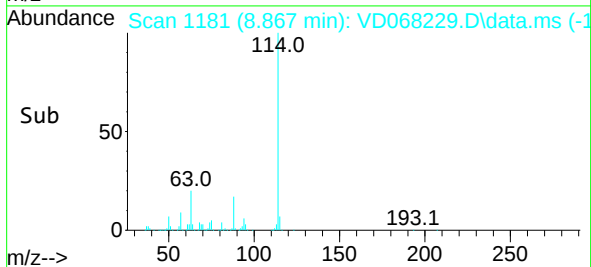
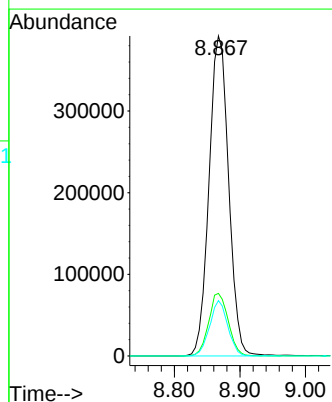
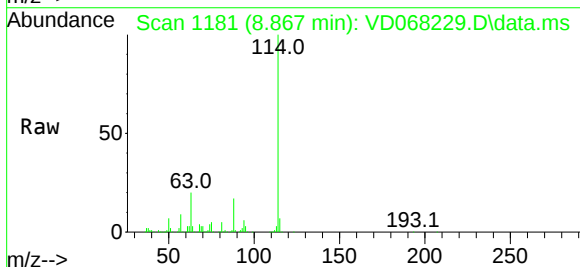
Instrument :
MSVOA_D
ClientSampleId :
RO-332

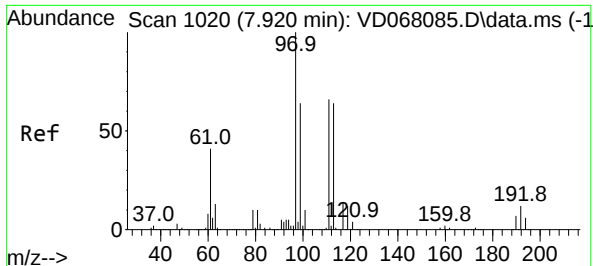
Tgt Ion: 65 Resp: 257747
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

Tgt Ion: 114 Resp: 814404
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 17.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.94 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068229.D

Acq: 28 Jan 2021 17:56

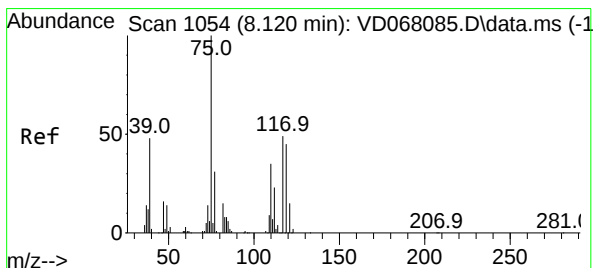
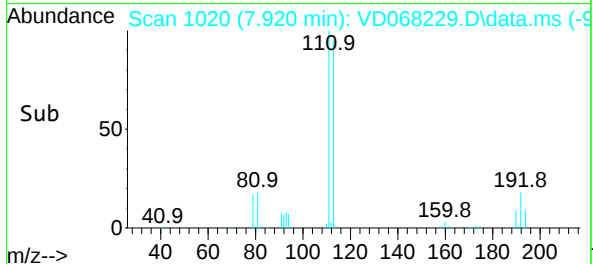
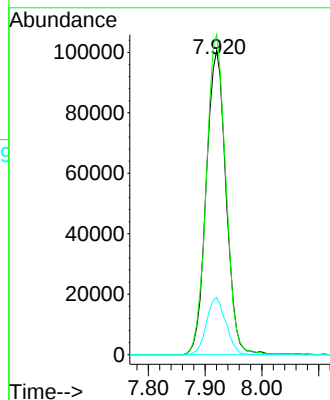
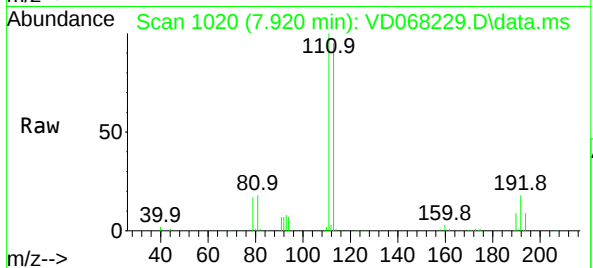
Tgt Ion:113 Resp: 242857

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.67 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068229.D

Acq: 28 Jan 2021 17:56

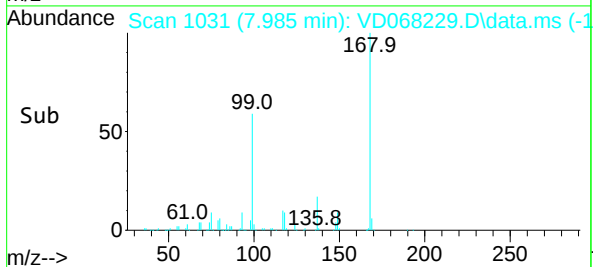
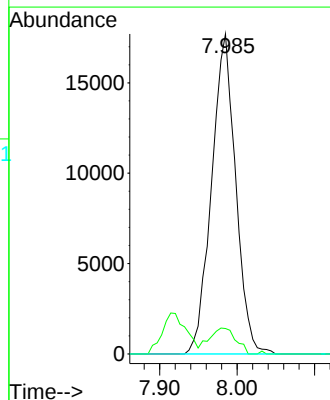
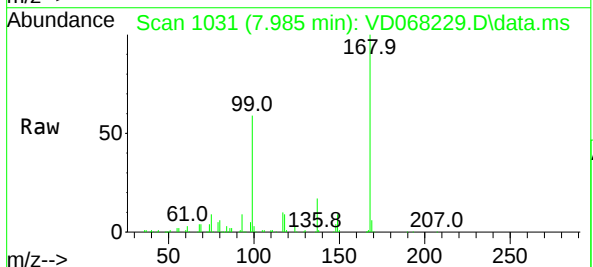
Tgt Ion: 75 Resp: 38327

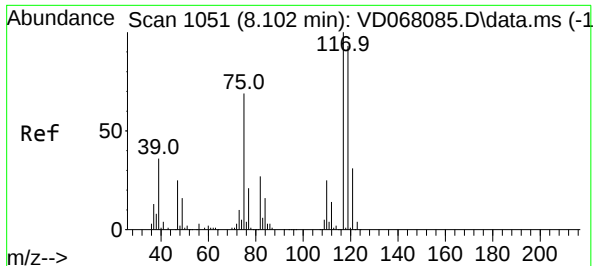
Ion Ratio Lower Upper

75 100

110 8.9 19.4 58.2#

77 0.0 25.3 37.9#

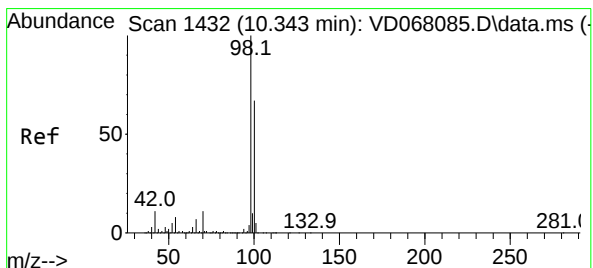
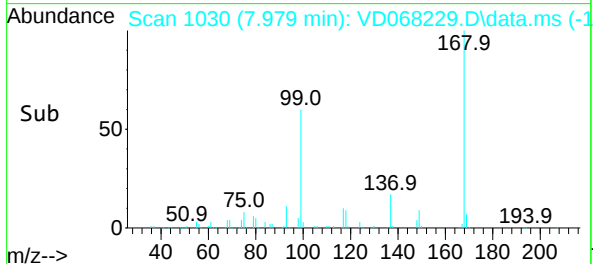
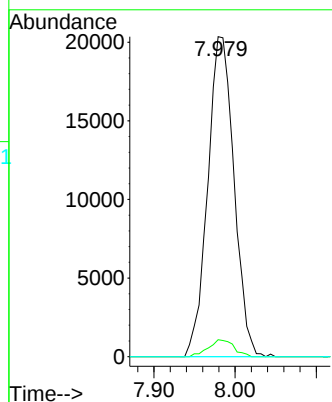
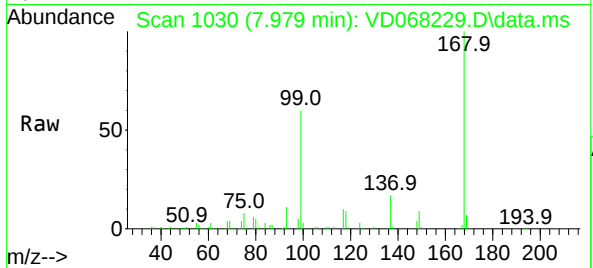




#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

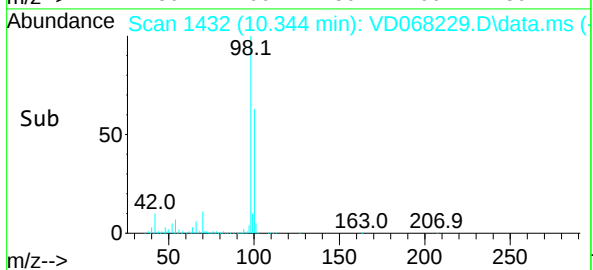
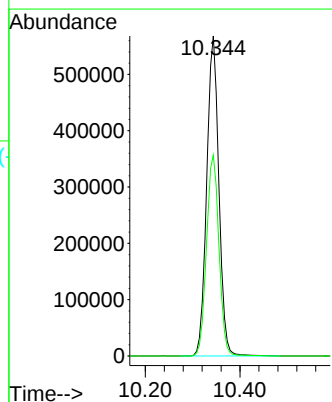
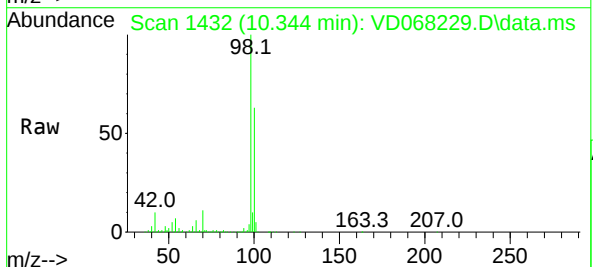
Instrument :
MSVOA_D
ClientSampled :
RO-332

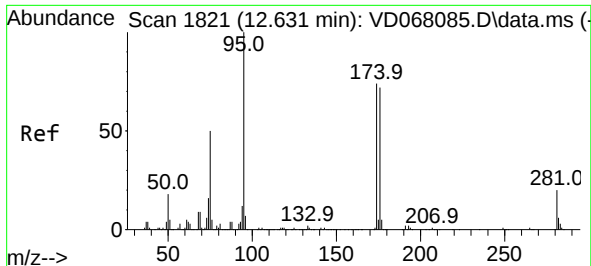
Tgt Ion:117 Resp: 45881
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.03 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

Tgt Ion: 98 Resp: 1009169
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4

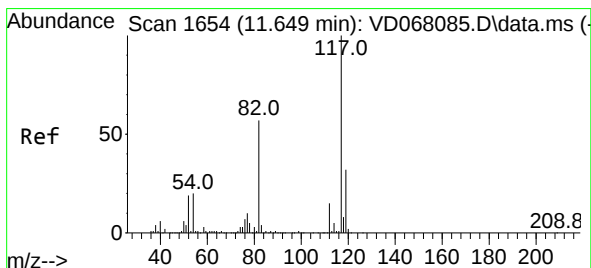
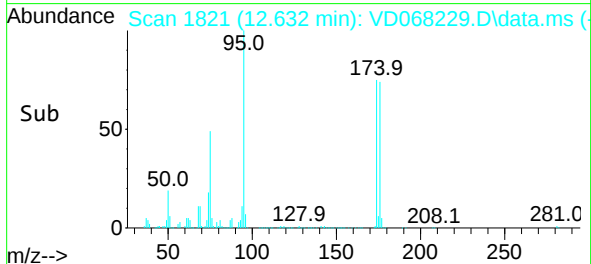
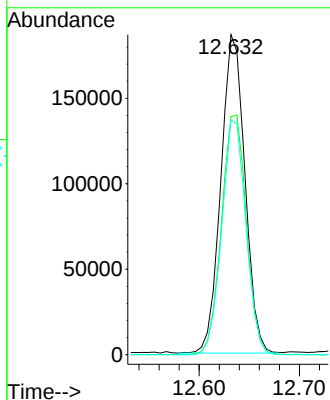
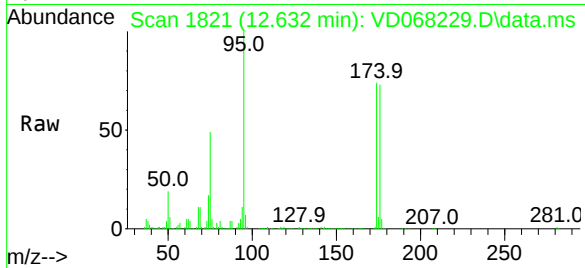




#62
4-Bromofluorobenzene
Concen: 47.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

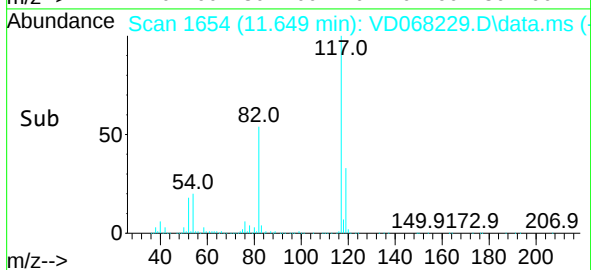
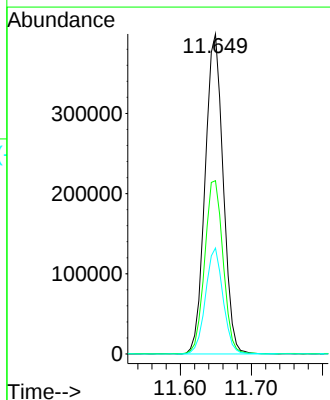
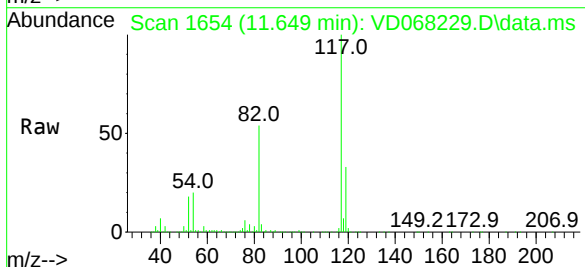
Instrument :
MSVOA_D
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RO-332

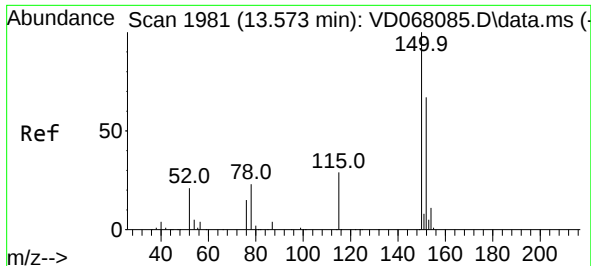
Tgt Ion: 95 Resp: 309878
Ion Ratio Lower Upper
95 100
174 77.9 0.0 172.4
176 74.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

Tgt Ion: 117 Resp: 704456
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 33.1 26.1 39.1

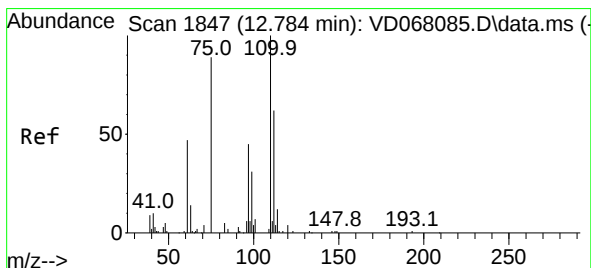
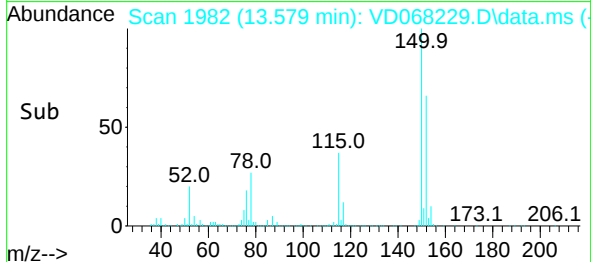
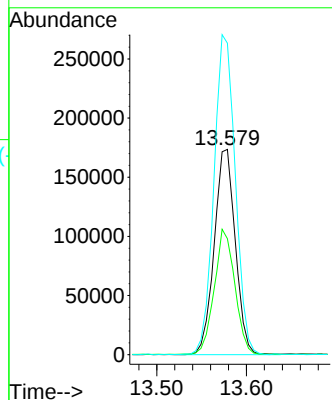
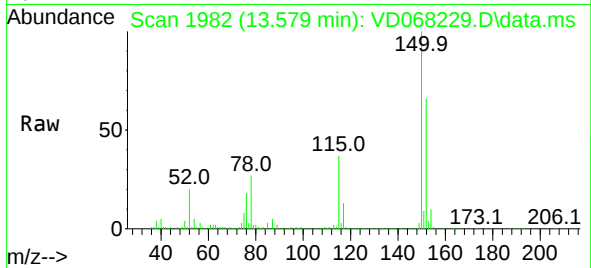




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

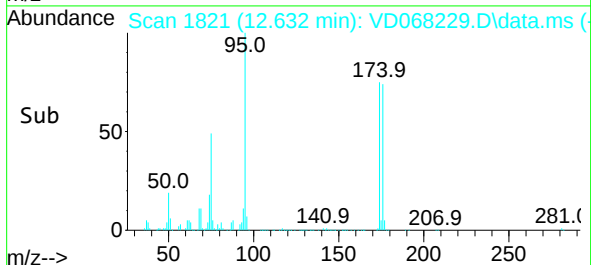
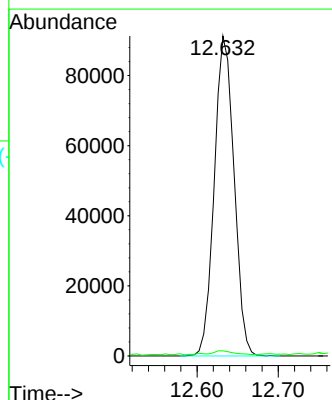
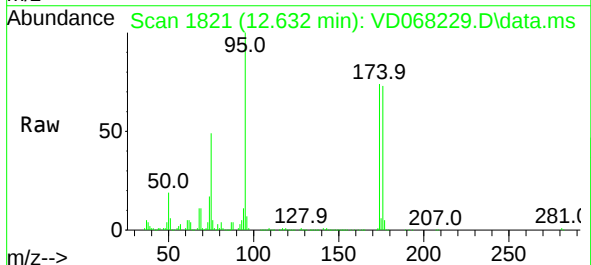
Instrument :
MSVOA_D
ClientSampleId :
RO-332

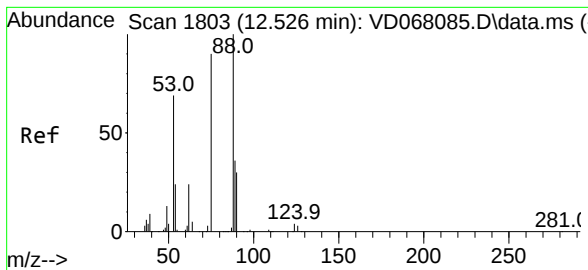
Tgt Ion:152 Resp: 283442
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.8
150 157.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 56.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068229.D
Acq: 28 Jan 2021 17:56

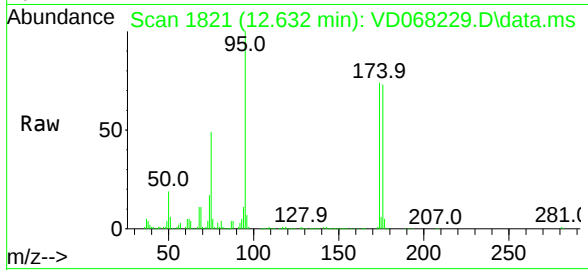
Tgt Ion: 75 Resp: 154557
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.12 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068229.D
 Acq: 28 Jan 2021 17:56

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-332



Tgt Ion: 75 Resp: 154557
 Ion Ratio Lower Upper
 75 100
 53 0.5 70.2 105.2#
 89 0.0 40.3 60.5#

