

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068034.D
 Acq On : 07 Jan 2021 15:12
 Operator : VA/SY
 Sample : M1044-06
 Misc : 5.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Jan 08 00:15:31 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	7.979	168	288042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	560418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	531638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	232925	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	185240	59.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.10%
35) Dibromofluoromethane	7.920	113	185957	52.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.32%
50) Toluene-d8	10.344	98	699607	52.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.42%
62) 4-Bromofluorobenzene	12.632	95	231803	51.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.12%

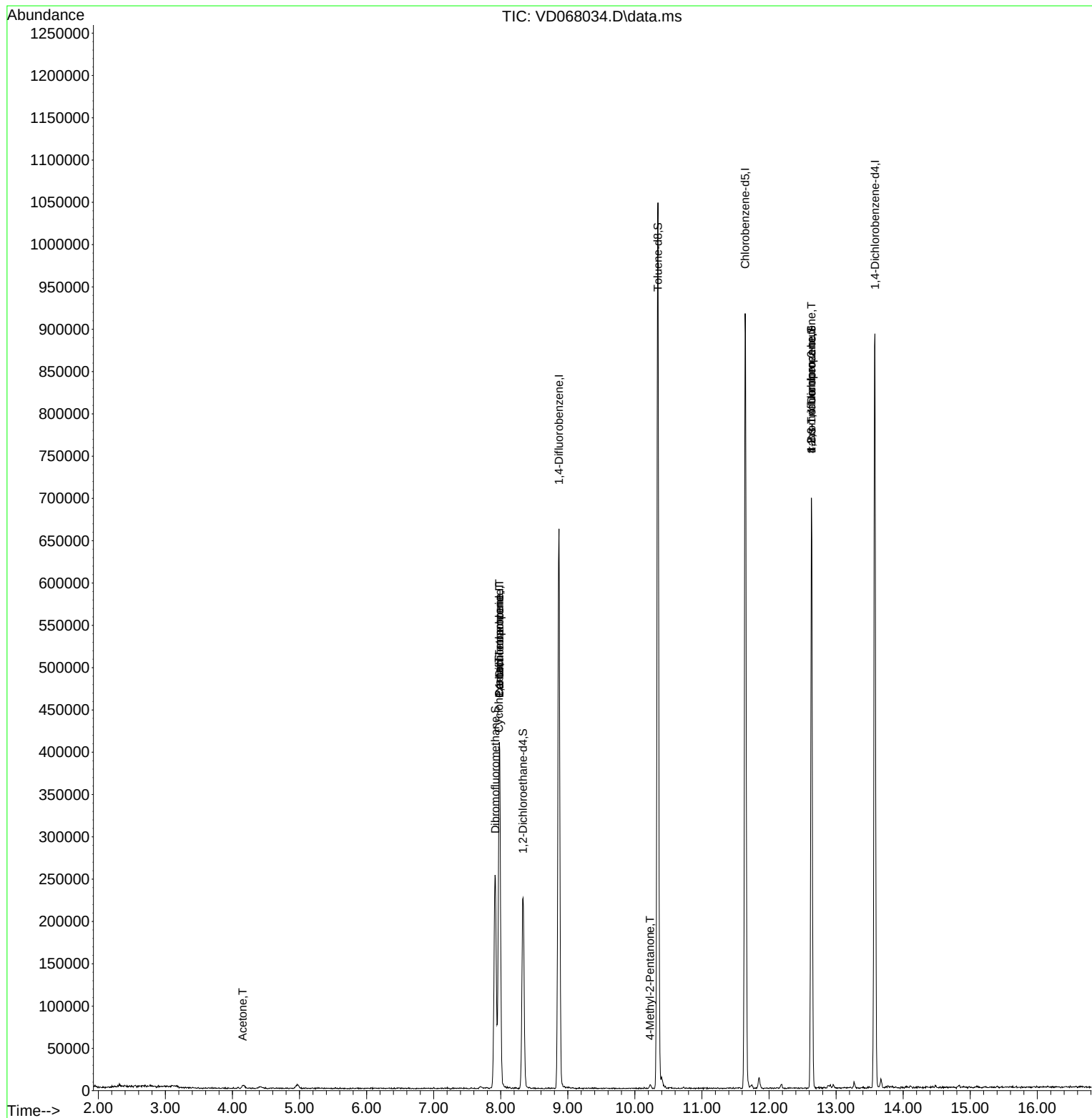
Target Compounds					Qvalue
5) Bromomethane	2.785	94	381	Below Cal	# 1
11) Tert butyl alcohol	5.203	59	58	Below Cal	# 74
16) Acetone	4.150	43	3310	5.57	ug/l 100
20) Methylene Chloride	4.962	84	1994	Below Cal	# 85
31) Cyclohexane	7.973	56	7395	1.16	ug/l # 1
36) 1,1-Dichloropropene	7.979	75	25354	4.26	ug/l # 48
38) Carbon Tetrachloride	7.979	117	32453	5.70	ug/l # 16
51) 4-Methyl-2-Pentanone	10.226	43	3210	1.40	ug/l # 84
76) 1,2,3-Trichloropropane	12.632	75	117283	59.81	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.632	75	117283	122.59	ug/l # 13

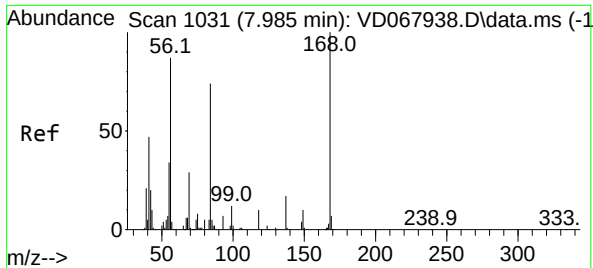
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
Data File : VD068034.D
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Quant Time: Jan 08 00:15:31 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

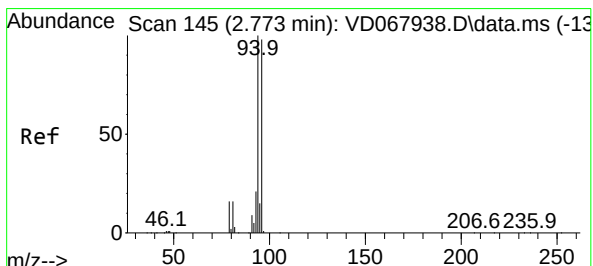
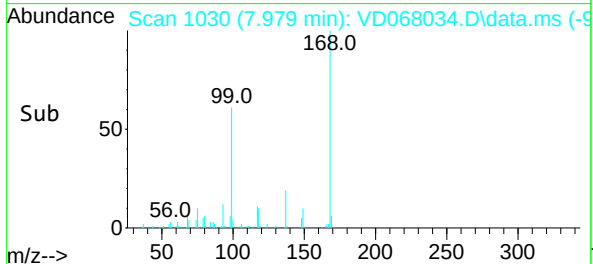
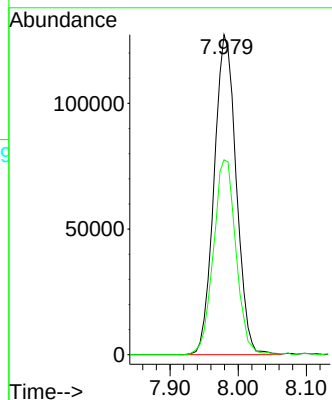
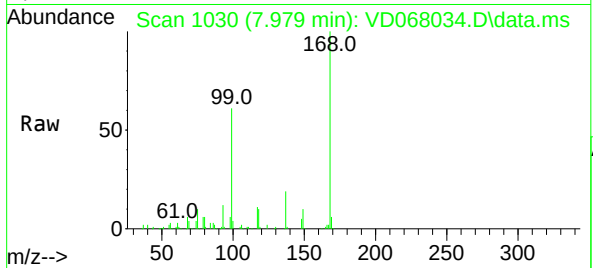




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

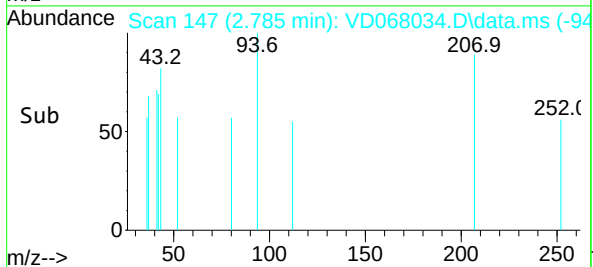
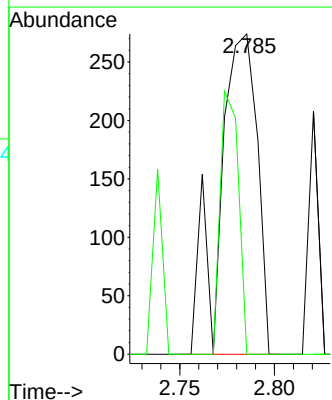
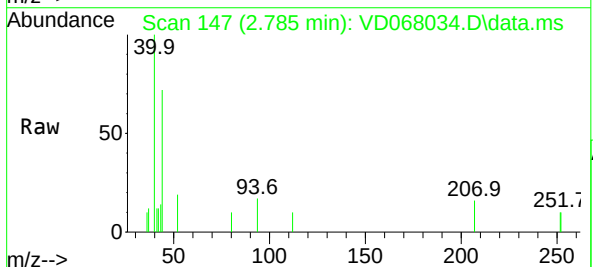
Instrument :
MSVOA_D
ClientSampleId :
TP-6

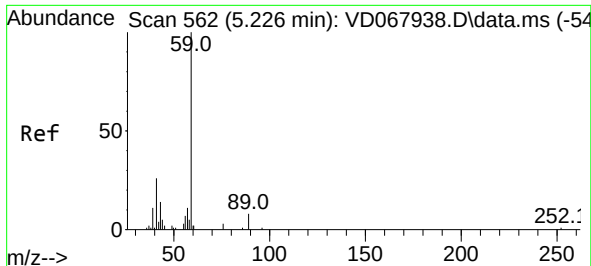
Tgt Ion:168 Resp: 288042
Ion Ratio Lower Upper
168 100
99 60.9 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

Tgt Ion: 94 Resp: 381
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#

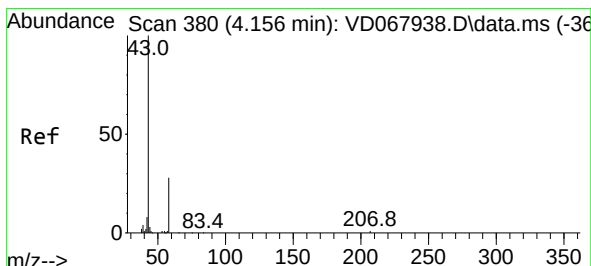
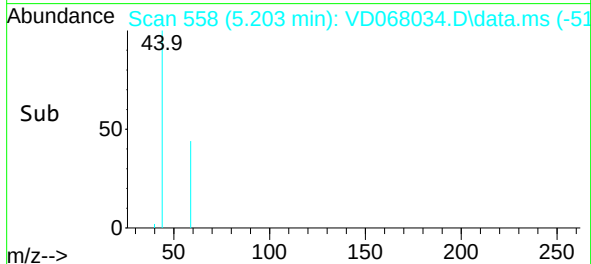
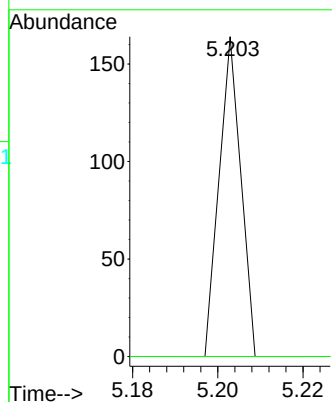
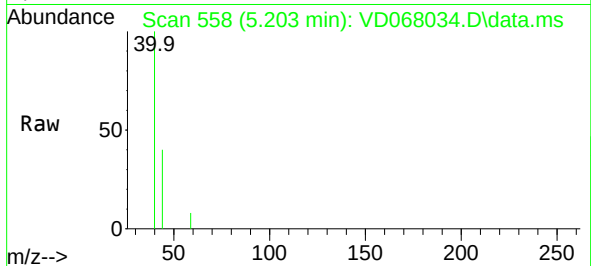




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.023 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

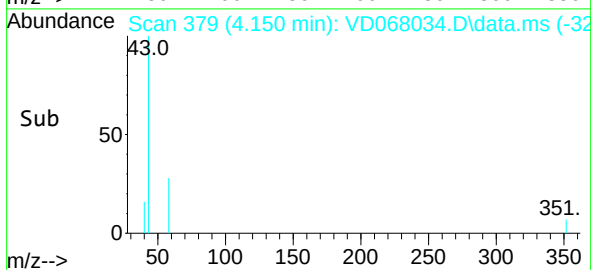
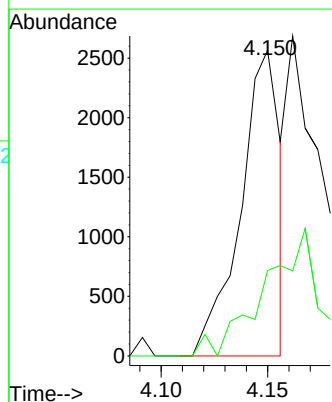
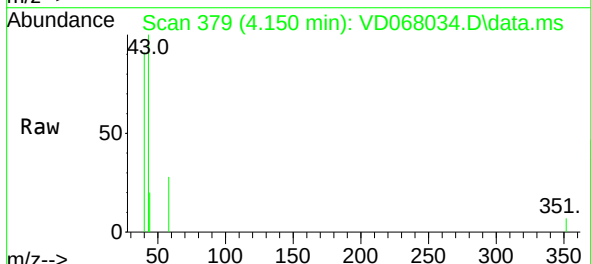
Instrument :
MSVOA_D
ClientSampleId :
TP-6

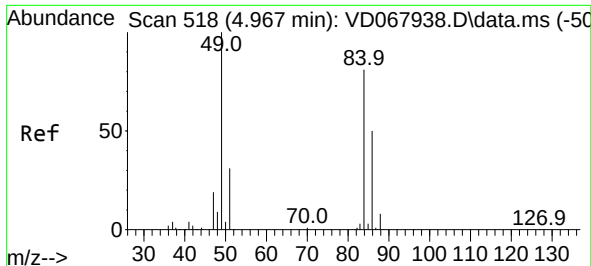
Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 5.57 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

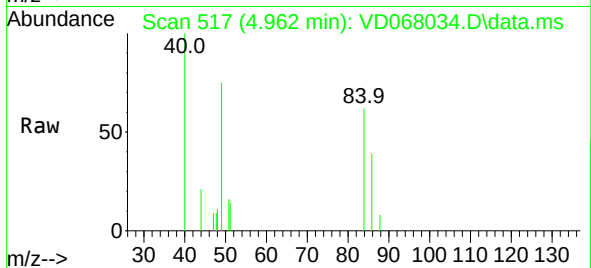
Tgt Ion: 43 Resp: 3310
Ion Ratio Lower Upper
43 100
58 28.0 22.3 33.5



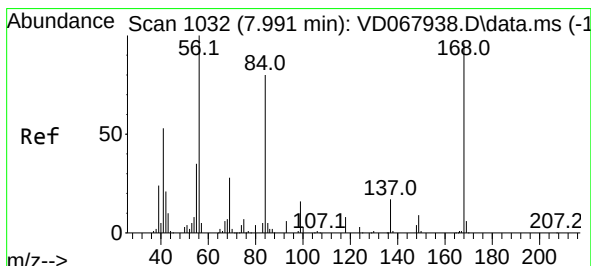
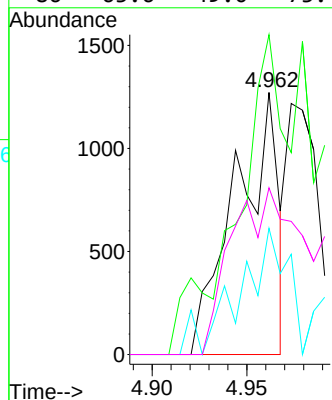
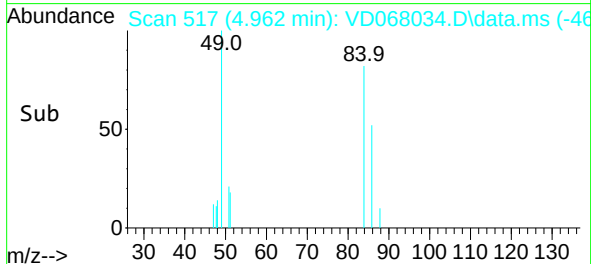


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

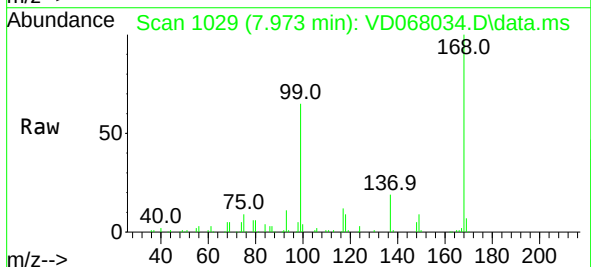
Instrument :
MSVOA_D
ClientSampled :
TP-6



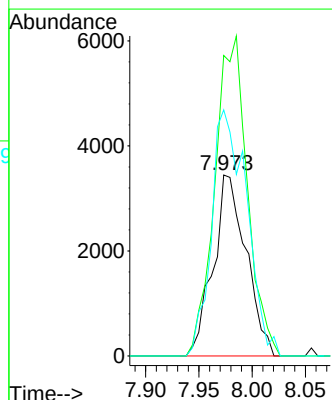
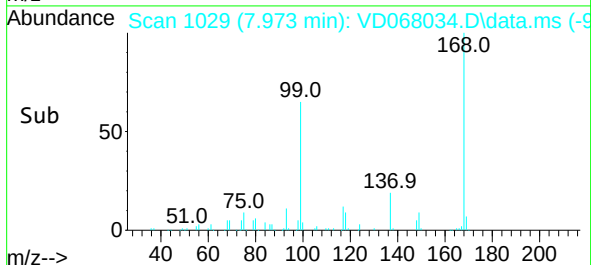
Tgt Ion:	84	Resp:	1994
Ion	Ratio	Lower	Upper
84	100		
49	100.3	98.3	147.5
51	48.2	30.3	45.5#
86	63.6	49.0	73.4

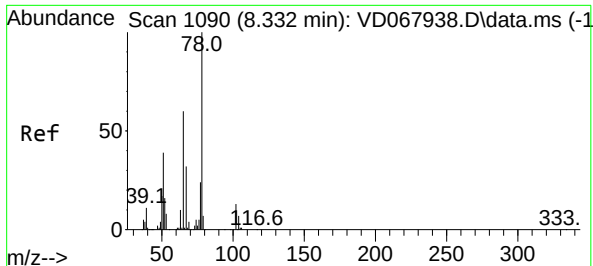


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12



Tgt Ion:	56	Resp:	7395
Ion	Ratio	Lower	Upper
56	100		
69	166.1	22.7	34.1#
84	136.1	64.2	96.4#

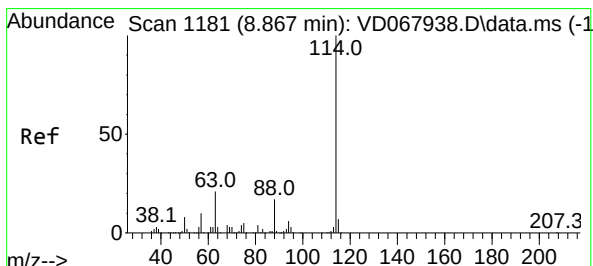
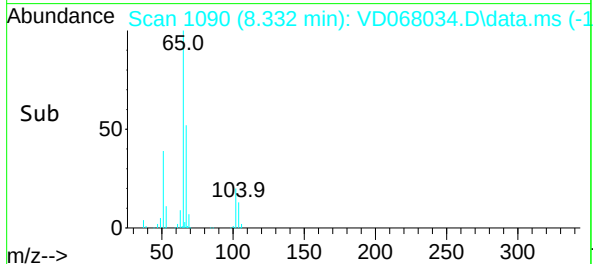
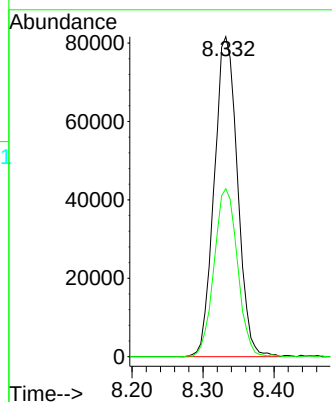
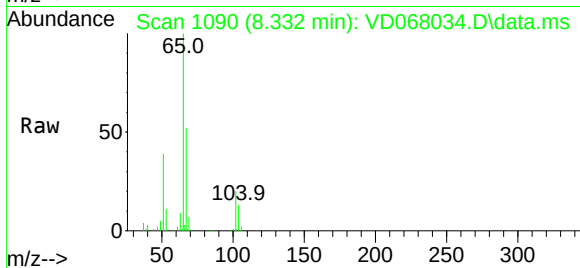




#33
1,2-Dichloroethane-d4
Concen: 59.55 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

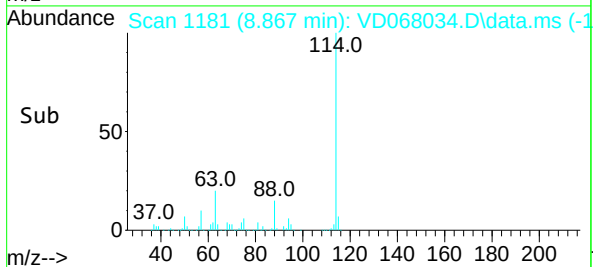
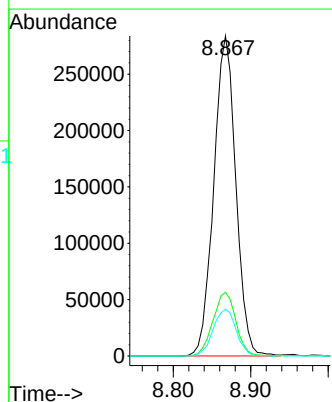
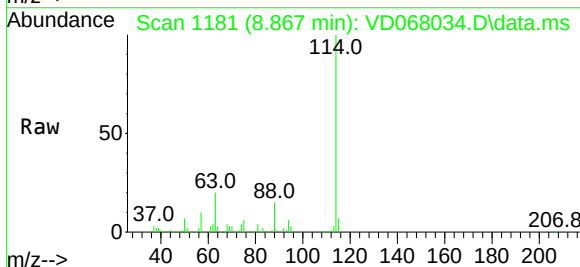
Instrument :
MSVOA_D
ClientSampled :
TP-6

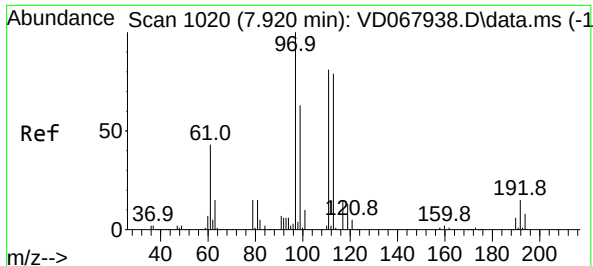
Tgt Ion: 65 Resp: 185240
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

Tgt Ion: 114 Resp: 560418
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.4
88 14.6 0.0 33.2

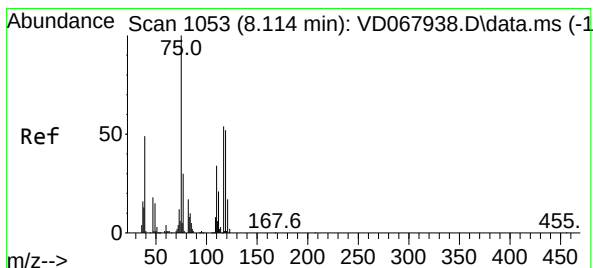
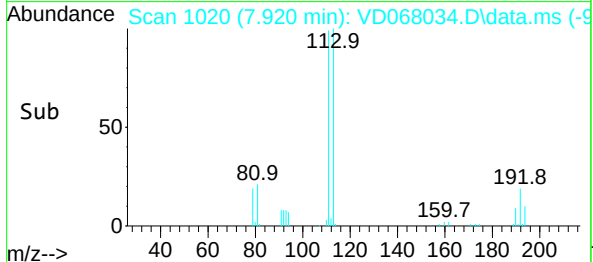
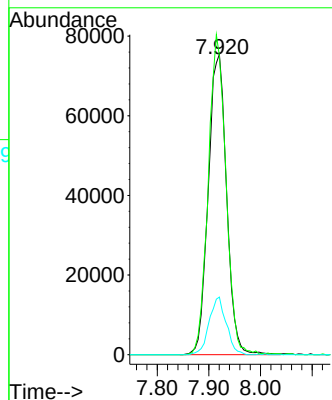
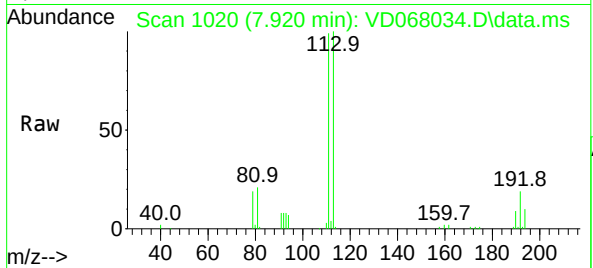




#35
Dibromofluoromethane
Concen: 52.66 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

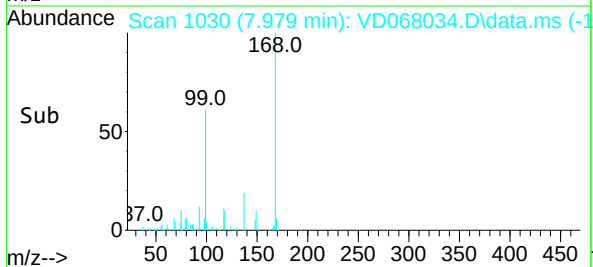
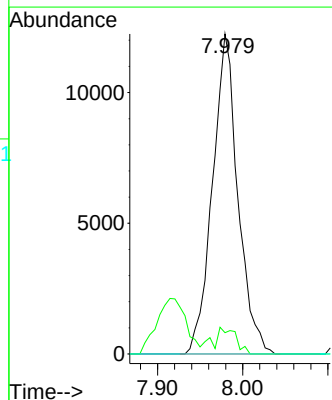
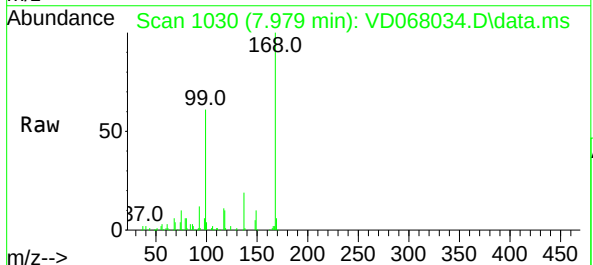
Instrument :
MSVOA_D
ClientSampled :
TP-6

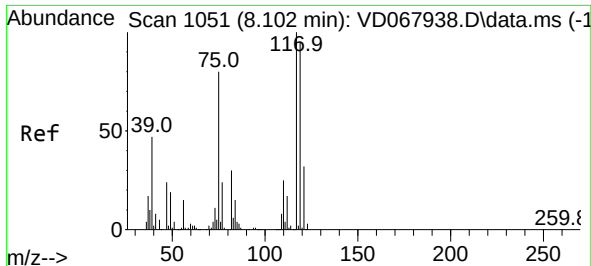
Tgt Ion:113 Resp: 185957
Ion Ratio Lower Upper
113 100
111 102.8 79.3 118.9
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.26 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

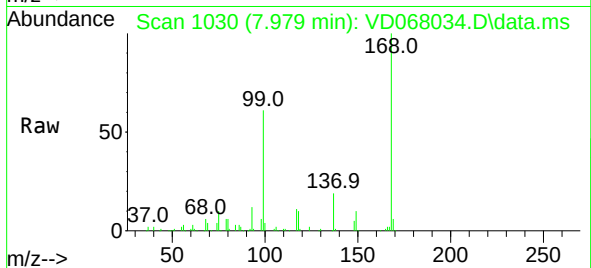
Tgt Ion: 75 Resp: 25354
Ion Ratio Lower Upper
75 100
110 6.8 17.0 51.0#
77 0.0 24.6 37.0#



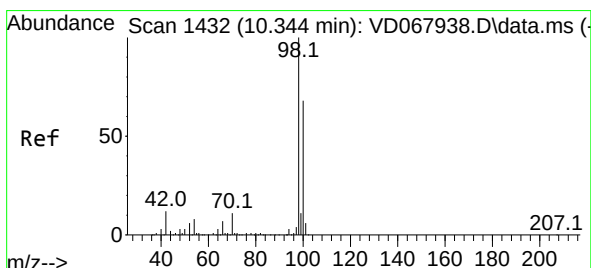
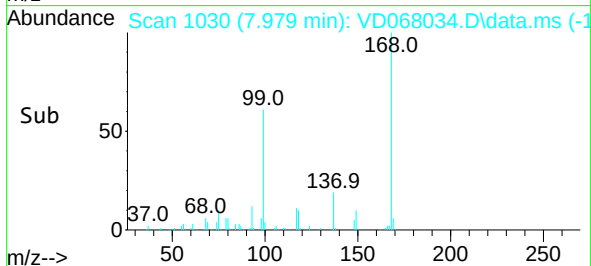
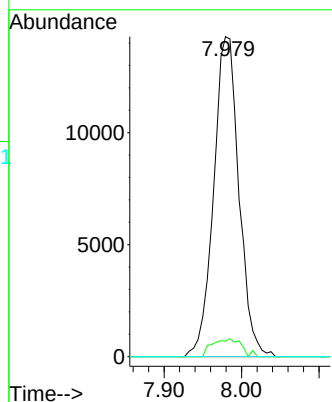


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

Instrument :
MSVOA_D
ClientSampled :
TP-6

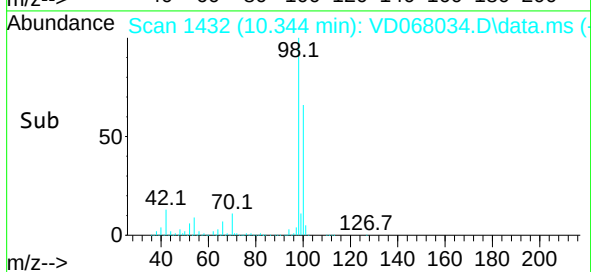
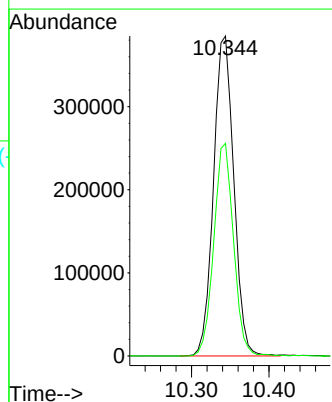
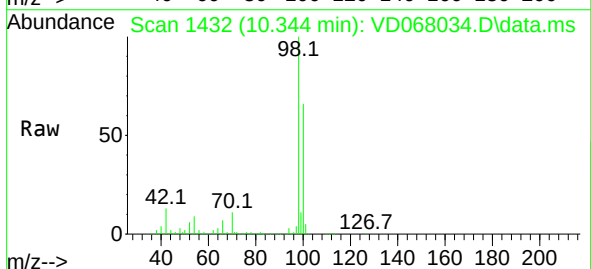


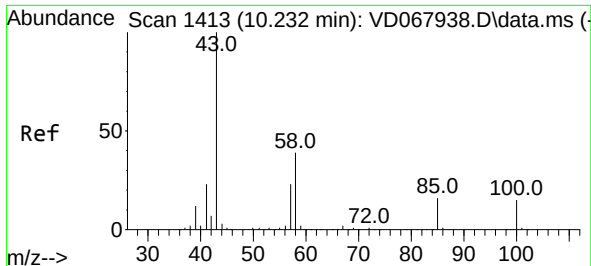
Tgt Ion:117 Resp: 32453
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.4#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 52.71 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

Tgt Ion: 98 Resp: 699607
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

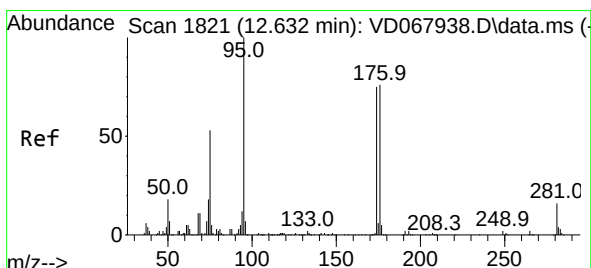
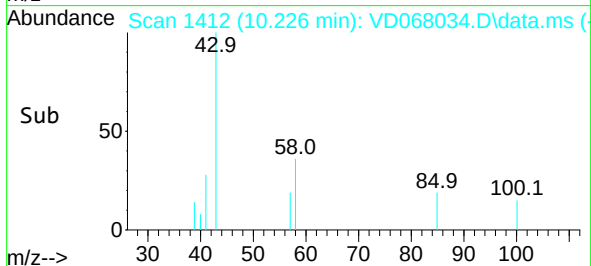
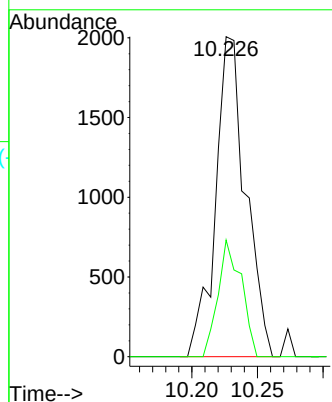
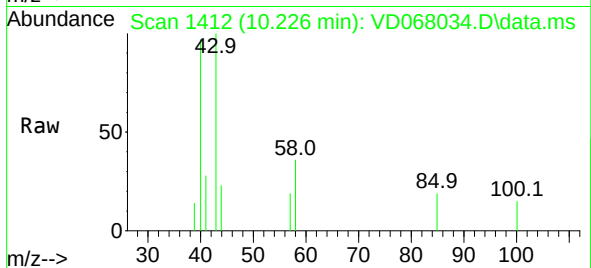




#51
4-Methyl-2-Pentanone
Concen: 1.40 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

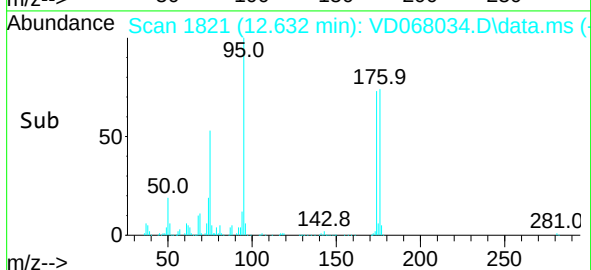
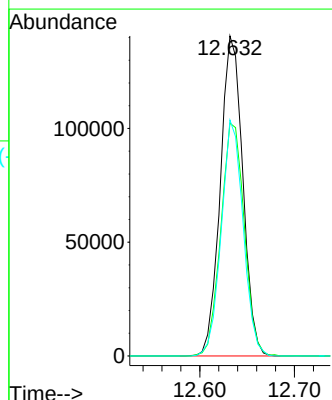
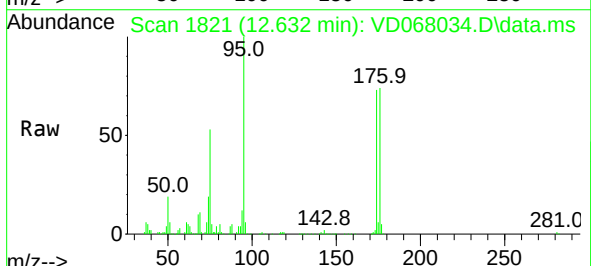
Instrument :
MSVOA_D
ClientSampled :
TP-6

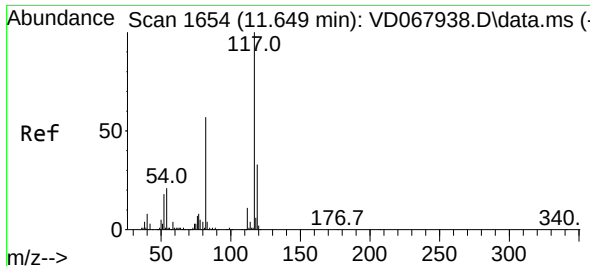
Tgt Ion: 43 Resp: 3210
Ion Ratio Lower Upper
43 100
58 28.1 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 51.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

Tgt Ion: 95 Resp: 231803
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.6
176 71.7 0.0 151.2

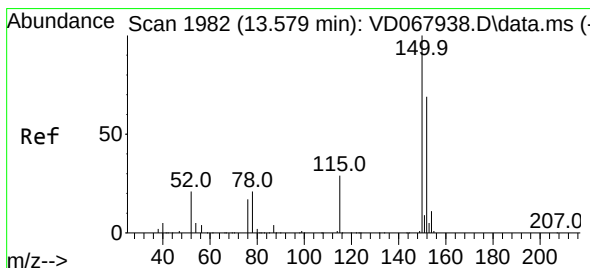
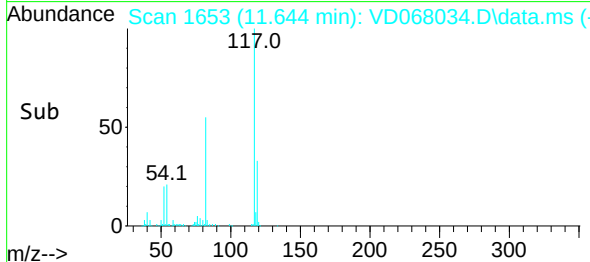
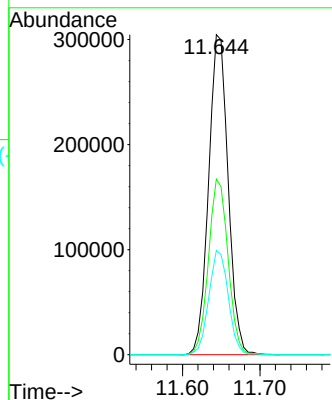
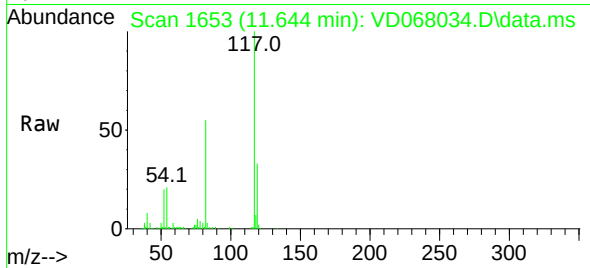




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

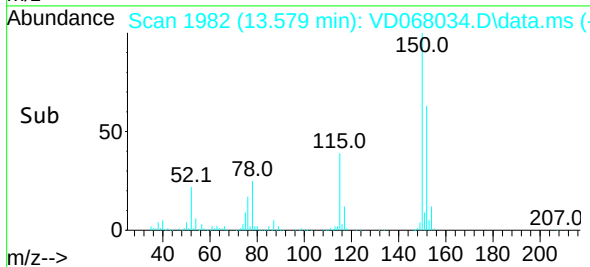
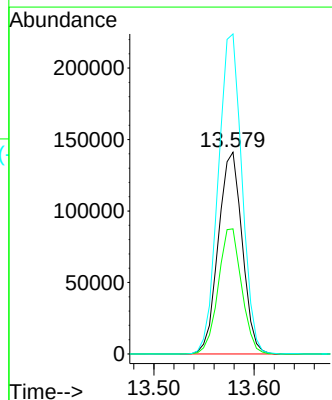
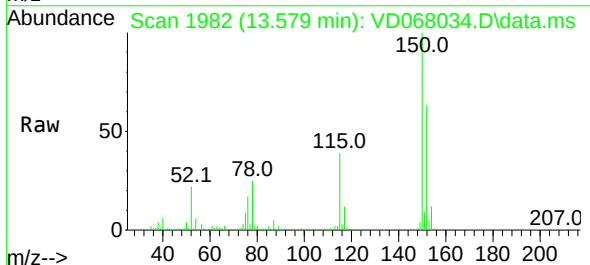
Instrument :
MSVOA_D
ClientSampleId :
TP-6

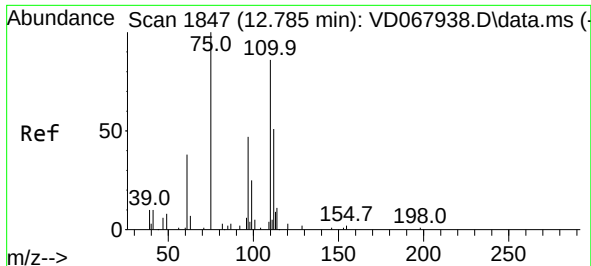
Tgt Ion:117 Resp: 531638
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 32.6 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

Tgt Ion:152 Resp: 232925
Ion Ratio Lower Upper
152 100
115 60.9 29.3 88.0
150 157.7 0.0 340.0

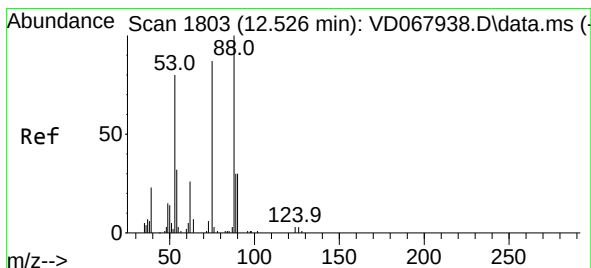
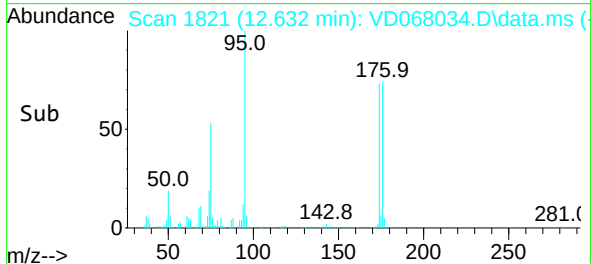
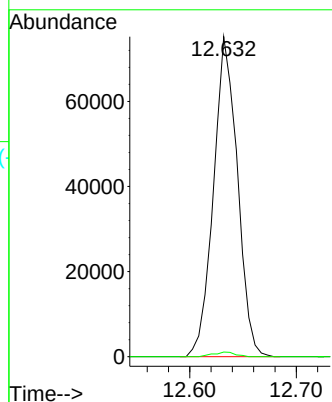
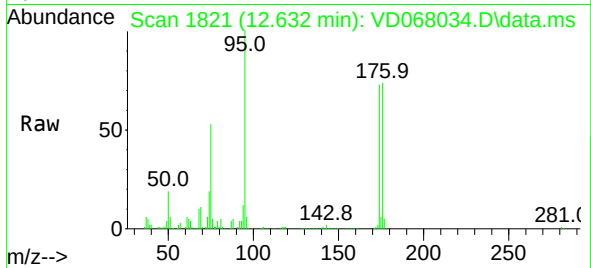




#76
1,2,3-Trichloropropane
Concen: 59.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

Instrument :
MSVOA_D
ClientSampled :
TP-6

Tgt Ion: 75 Resp: 117283
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.59 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068034.D
Acq: 07 Jan 2021 15:12

Tgt Ion: 75 Resp: 117283
Ion Ratio Lower Upper
75 100
53 0.3 74.9 112.3#
89 0.0 33.8 50.8#

