

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068105.D
 Acq On : 20 Jan 2021 11:34
 Operator : VA/SY
 Sample : VD0120SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBL01

Quant Time: Jan 20 14:31:57 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)

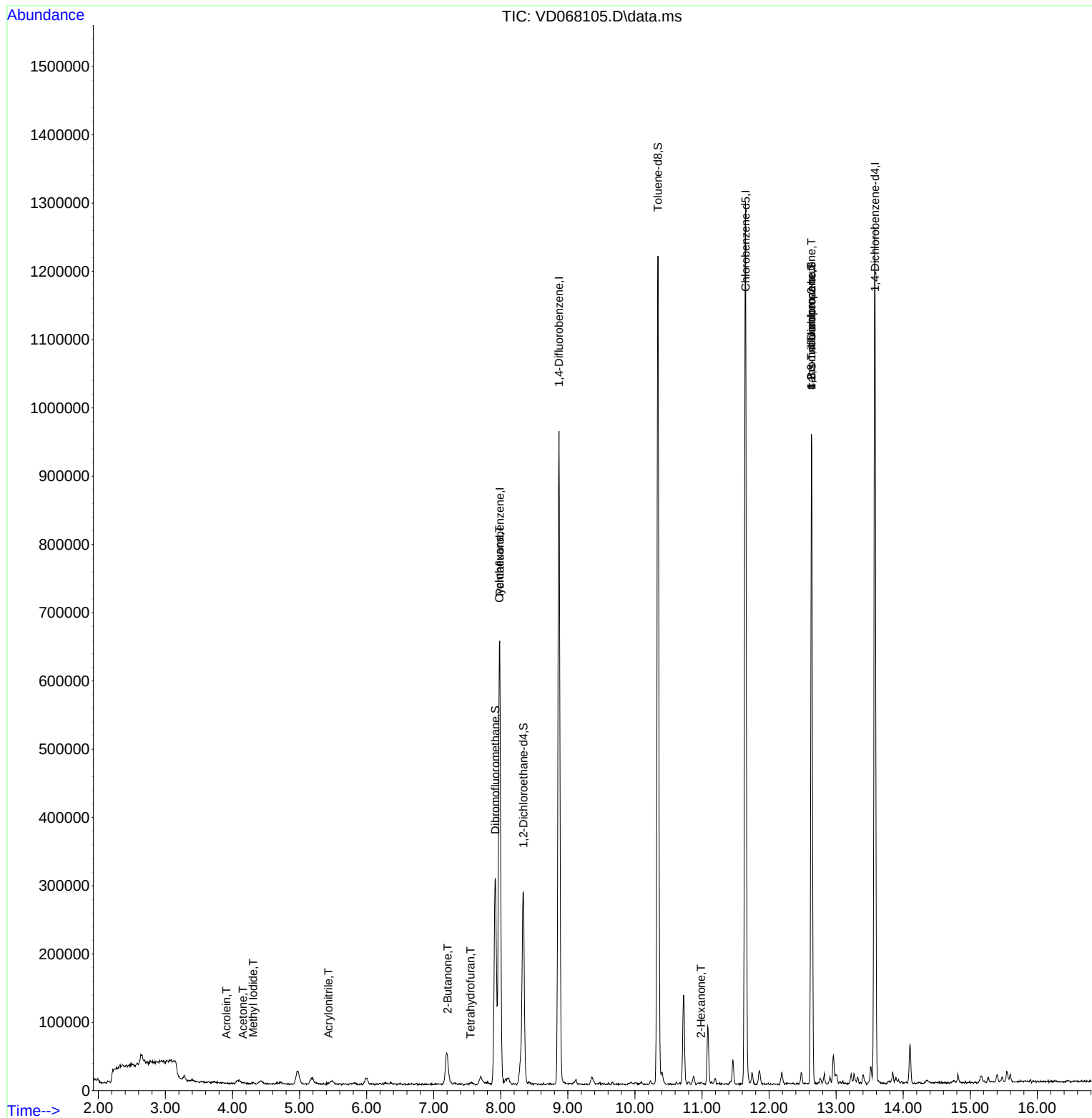
Internal Standards						
1) Pentafluorobenzene	7.985	168	492944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	849105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	760467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.578	152	345692	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	229899	48.75	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.50%		
35) Dibromofluoromethane	7.920	113	226675	48.29	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.58%		
50) Toluene-d8	10.343	98	857546	45.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.34%		
62) 4-Bromofluorobenzene	12.631	95	316865	46.86	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.72%		
Target Compounds						Qvalue
10) Methyl Iodide	4.308	142	1977	3.47	ug/l #	68
11) Tert butyl alcohol	5.185	59	8510	Below Cal	#	81
13) Acrolein	3.908	56	493	1.33	ug/l #	83
15) Acrylonitrile	5.432	53	1083	1.01	ug/l #	66
16) Acetone	4.155	43	2718	3.23	ug/l	90
20) Methylene Chloride	4.967	84	17350	Below Cal	#	94
25) 2-Butanone	7.208	43	4870	3.84	ug/l	94
29) Tetrahydrofuran	7.549	42	996	1.21	ug/l #	37
31) Cyclohexane	7.979	56	15260	1.49	ug/l #	42
59) 2-Hexanone	10.984	43	2263	1.11	ug/l	75
76) 1,2,3-Trichloropropane	12.631	75	158888	47.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	158888	96.19	ug/l #	14

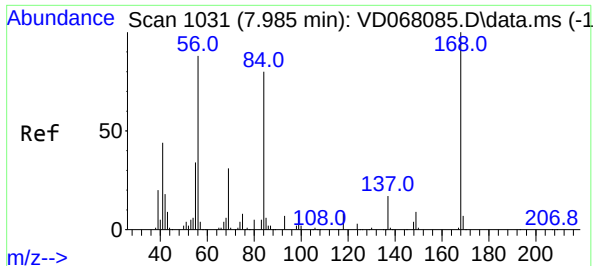
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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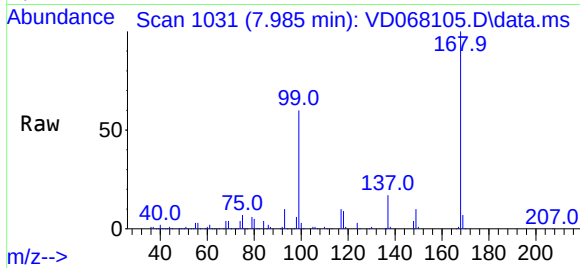
Quant Time: Jan 20 14:31:57 2021
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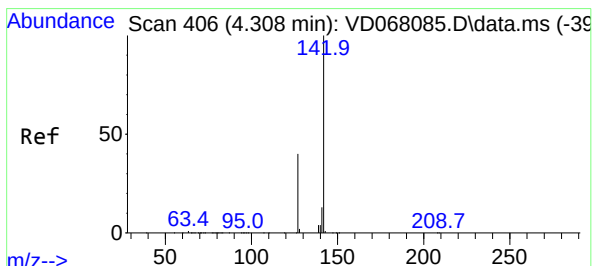
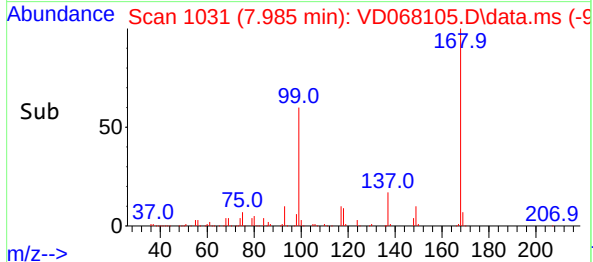
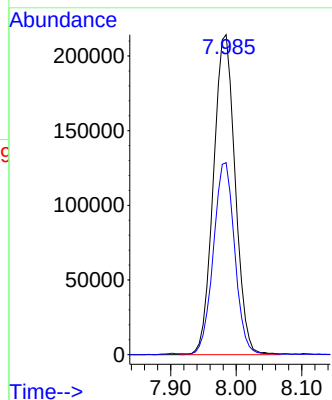


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

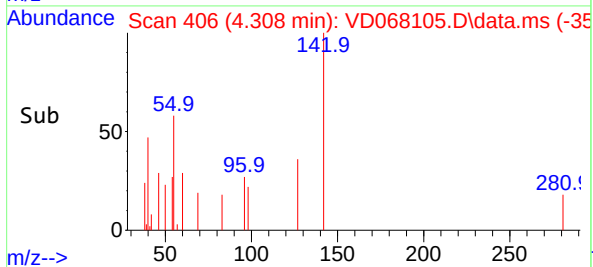
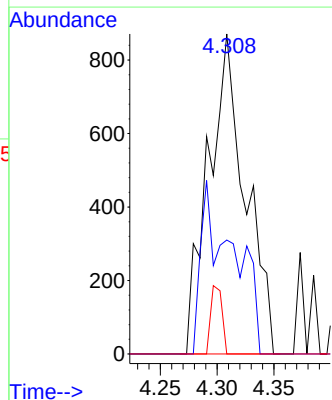
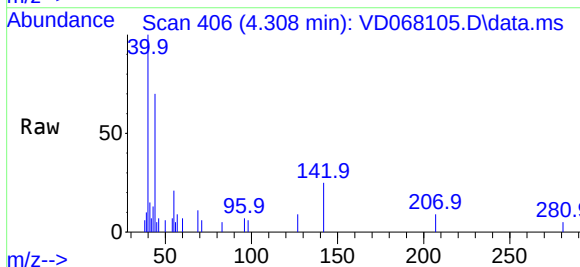


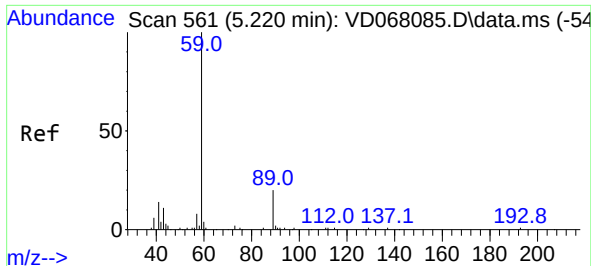
Tgt Ion:168 Resp: 492944
Ion Ratio Lower Upper
168 100
99 59.8 43.5 65.3



#10
Methyl Iodide
Concen: 3.47 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Tgt Ion:142 Resp: 1977
Ion Ratio Lower Upper
142 100
127 23.0 37.9 56.9#
141 6.4 11.5 17.3#

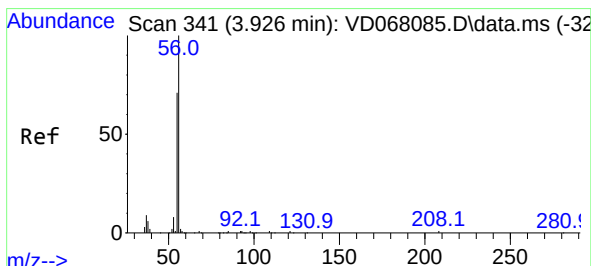
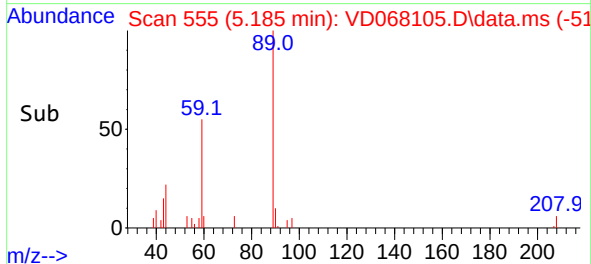
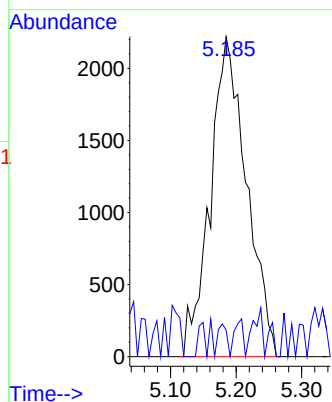
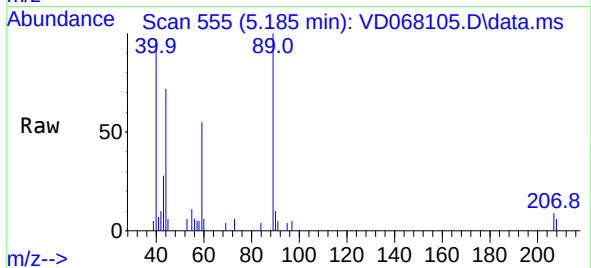




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

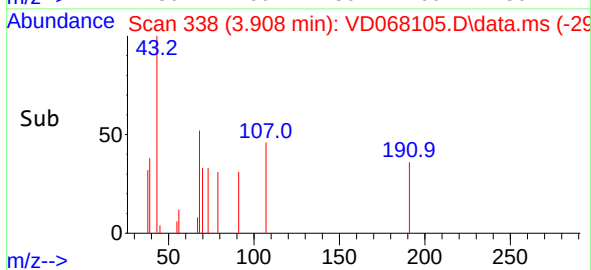
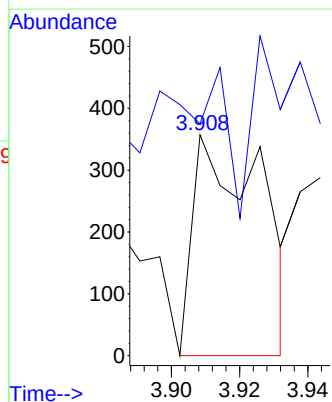
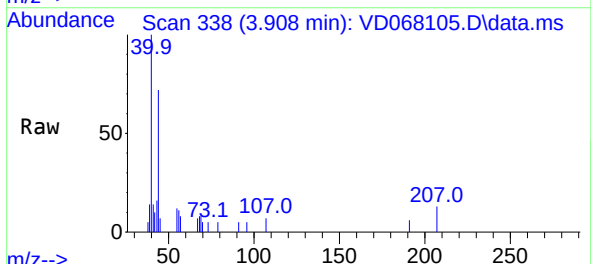
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

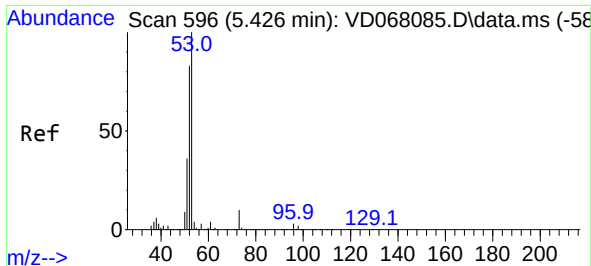
Tgt Ion: 59 Resp: 8510
Ion Ratio Lower Upper
59 100
57 2.5 7.4 11.2#



#13
Acrolein
Concen: 1.33 ug/l
RT: 3.908 min Scan# 338
Delta R.T. -0.018 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Tgt Ion: 56 Resp: 493
Ion Ratio Lower Upper
56 100
55 56.4 56.5 84.7#

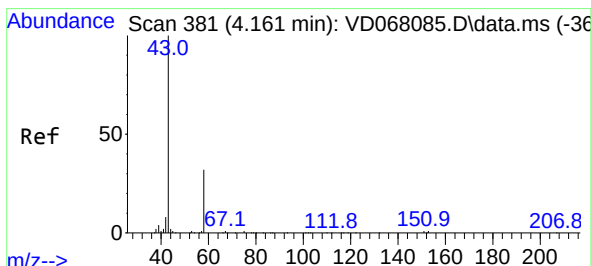
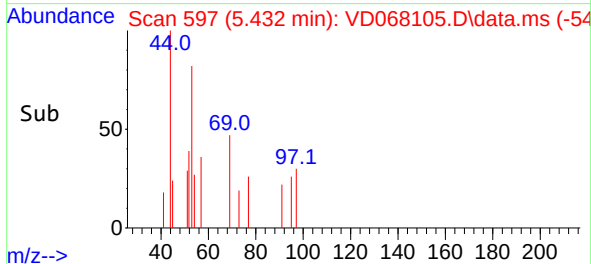
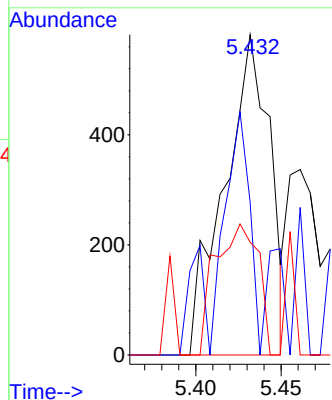
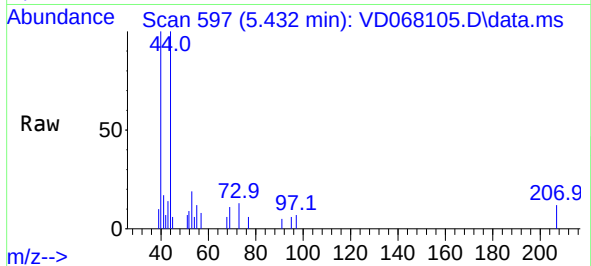




#15
Acrylonitrile
Concen: 1.01 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.006 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

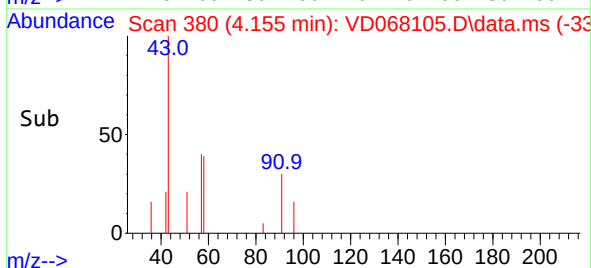
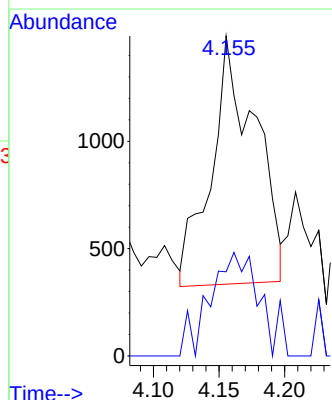
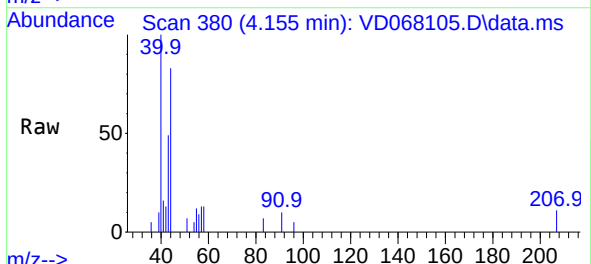
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

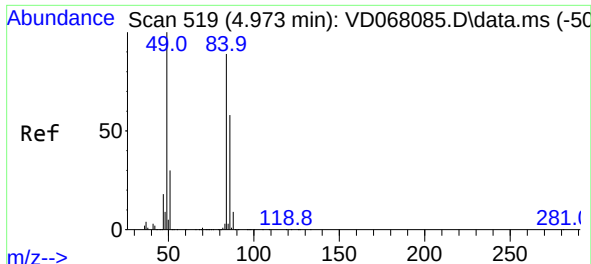
Tgt Ion: 53 Resp: 1083
Ion Ratio Lower Upper
53 100
52 40.8 66.2 99.2#
51 38.6 29.0 43.4



#16
Acetone
Concen: 3.23 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Tgt Ion: 43 Resp: 2718
Ion Ratio Lower Upper
43 100
58 35.8 24.2 36.4



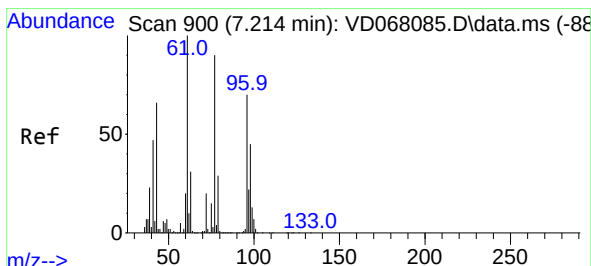
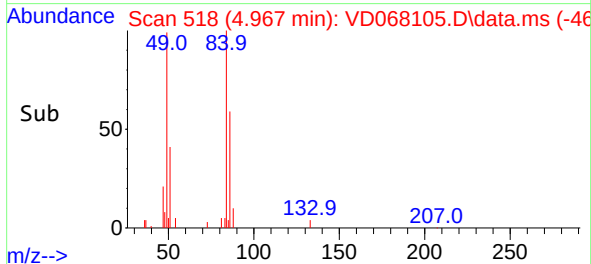
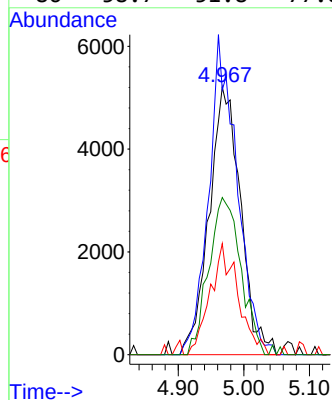
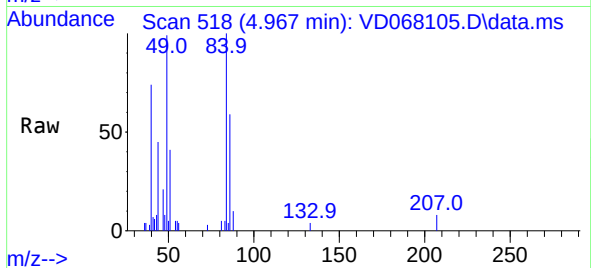


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

Tgt Ion: 84 Resp: 17350

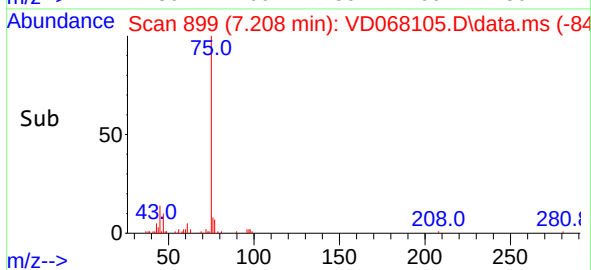
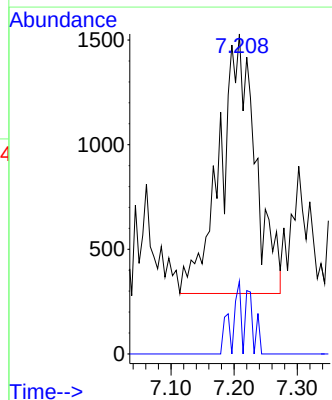
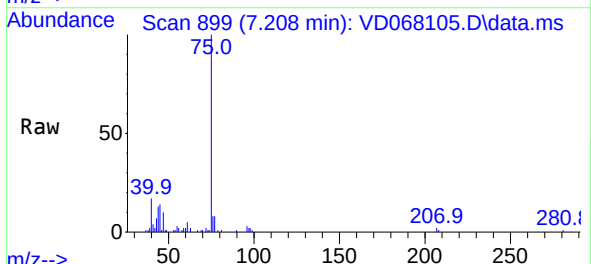
Ion	Ratio	Lower	Upper
84	100		
49	98.9	77.4	116.2
51	41.5	26.1	39.1#
86	58.7	51.8	77.8

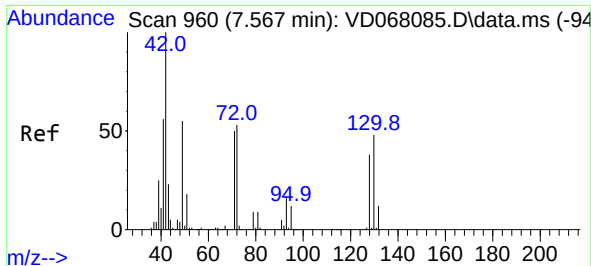


#25
2-Butanone
Concen: 3.84 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Tgt Ion: 43 Resp: 4870

Ion	Ratio	Lower	Upper
43	100		
72	28.1	25.1	37.7





#29

Tetrahydrofuran

Concen: 1.21 ug/l

RT: 7.549 min Scan# 957

Delta R.T. -0.018 min

Lab File: VD068105.D

Acq: 20 Jan 2021 11:34

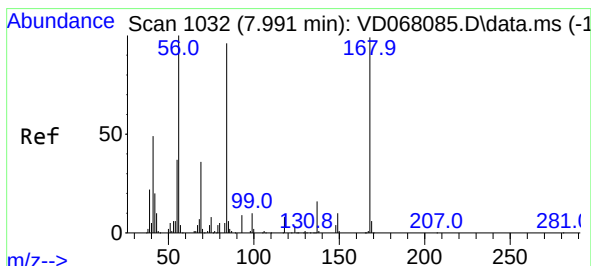
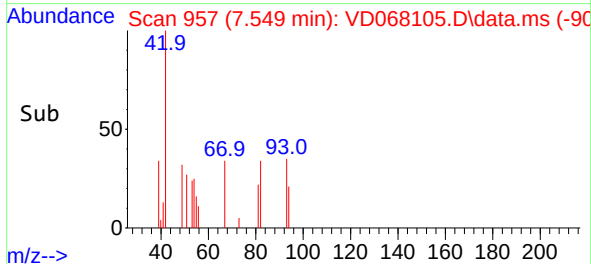
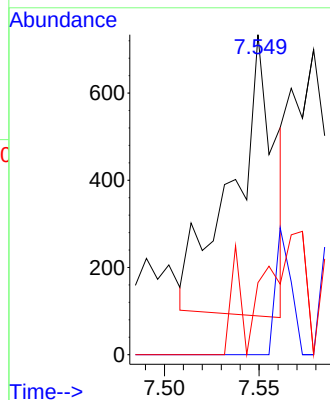
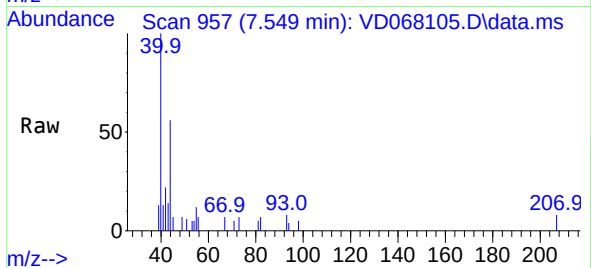
Tgt Ion: 42 Resp: 996

Ion Ratio Lower Upper

42 100

72 16.3 43.4 65.0#

71 0.0 40.8 61.2#



#31

Cyclohexane

Concen: 1.49 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.012 min

Lab File: VD068105.D

Acq: 20 Jan 2021 11:34

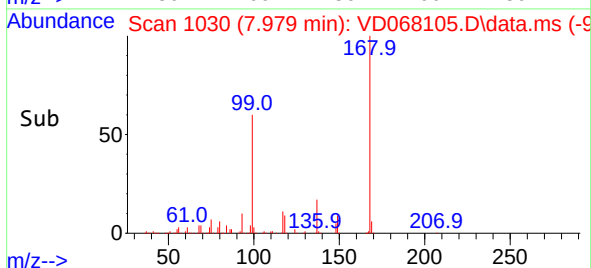
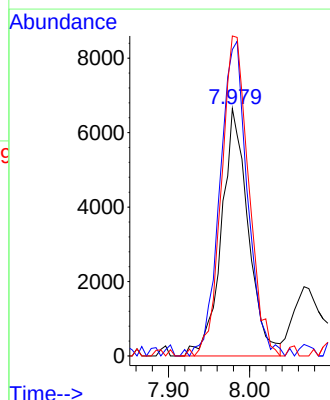
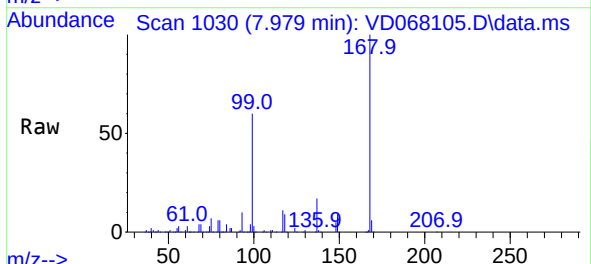
Tgt Ion: 56 Resp: 15260

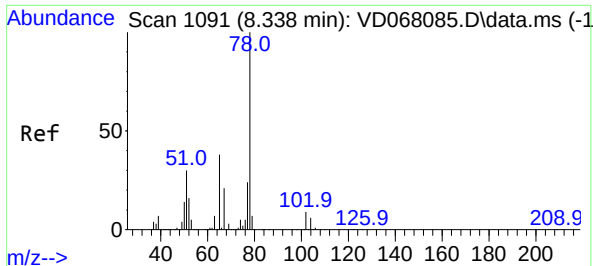
Ion Ratio Lower Upper

56 100

69 123.8 30.1 45.1#

84 129.4 82.1 123.1#

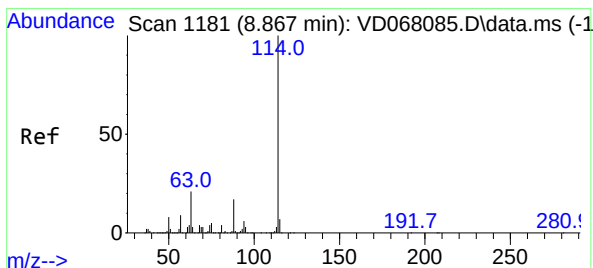
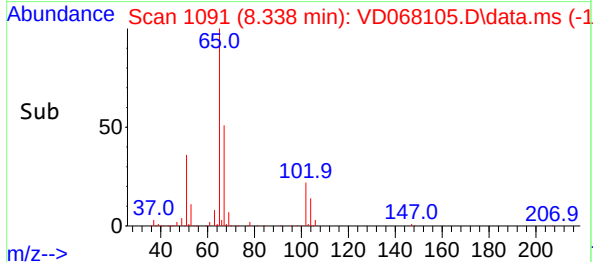
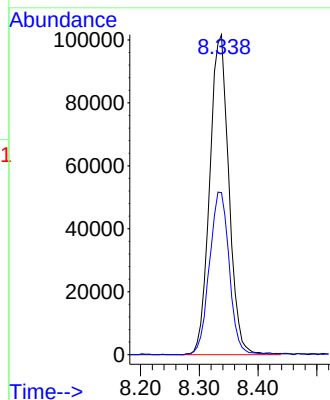
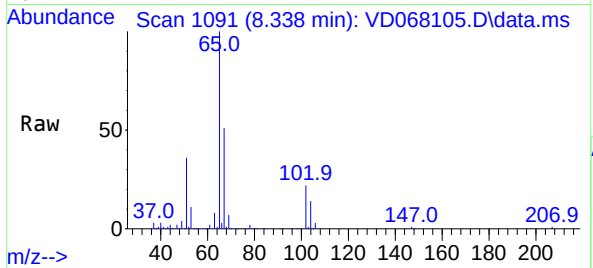




#33
1,2-Dichloroethane-d4
Concen: 48.75 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

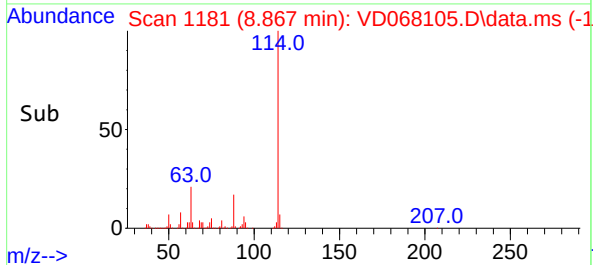
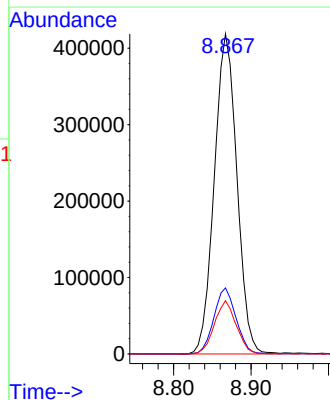
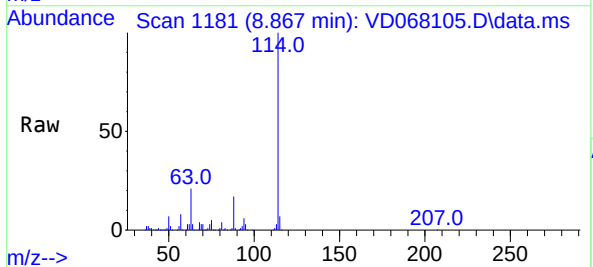
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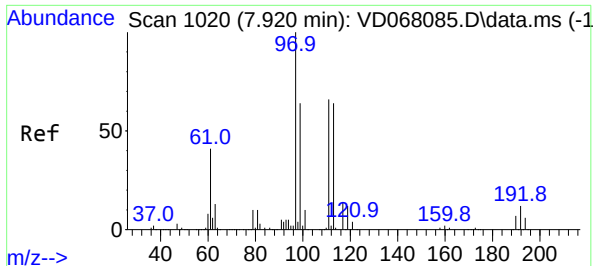
Tgt Ion: 65 Resp: 229899
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Tgt Ion:114 Resp: 849105
Ion Ratio Lower Upper
114 100
63 20.7 0.0 34.8
88 16.7 0.0 31.6

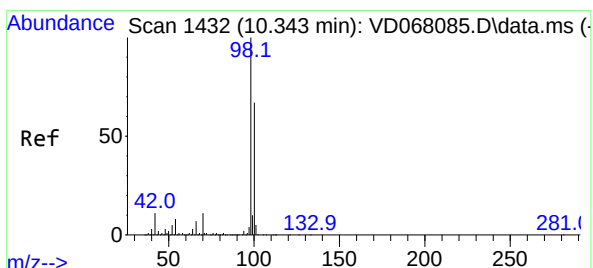
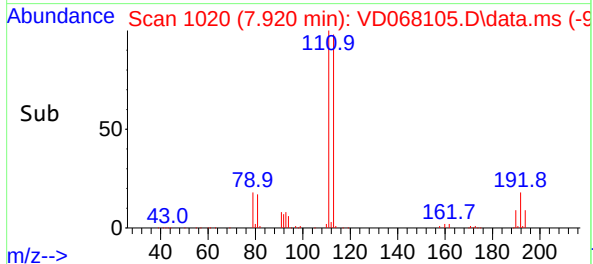
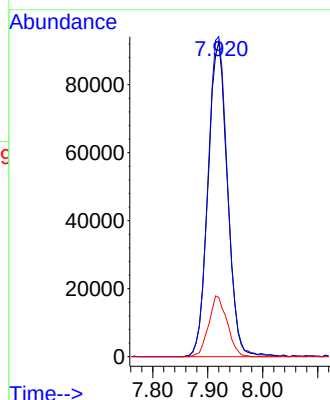
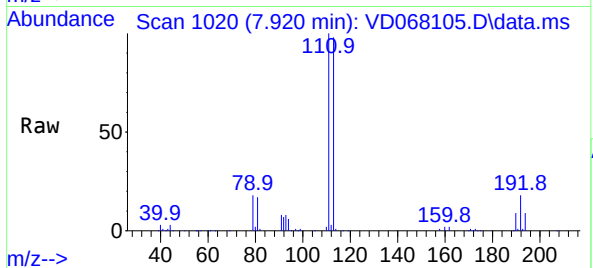




#35
Dibromofluoromethane
Concen: 48.29 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

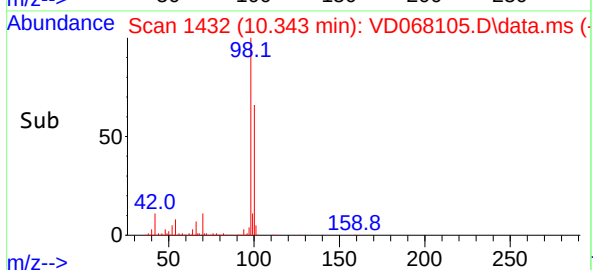
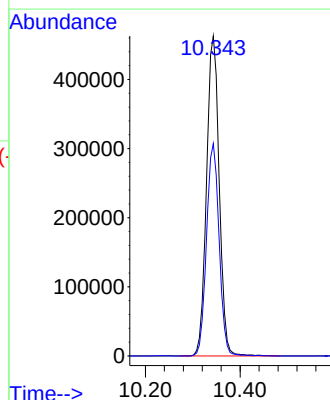
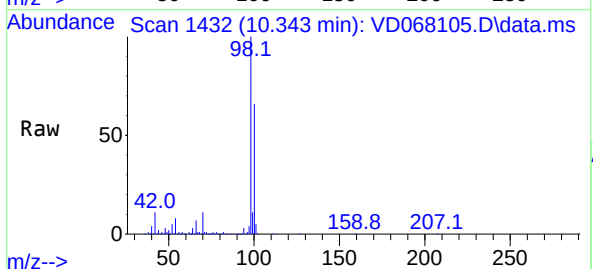
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

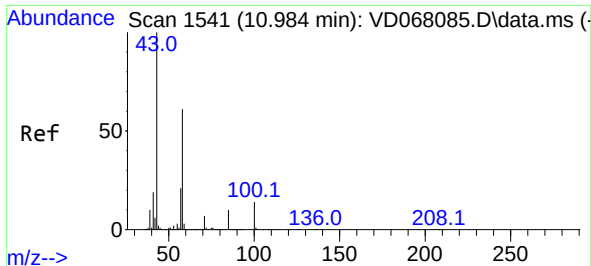
Tgt Ion:113 Resp: 226675
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.4 16.1 24.1



#50
Toluene-d8
Concen: 45.67 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Tgt Ion: 98 Resp: 857546
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4

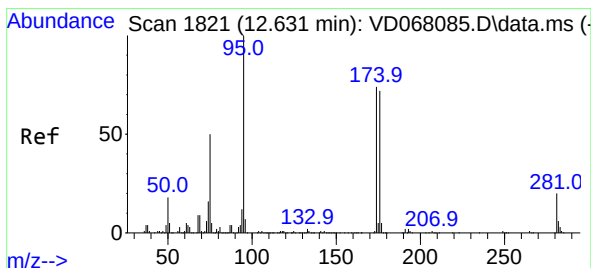
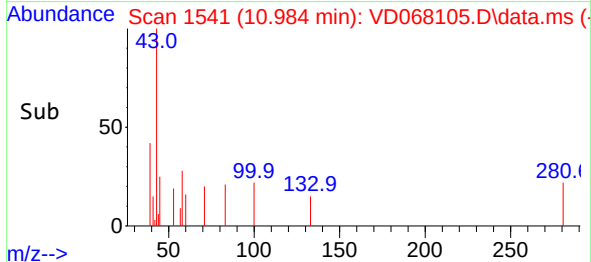
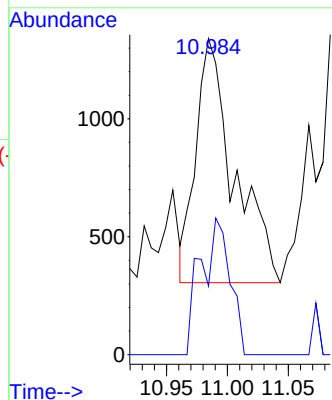
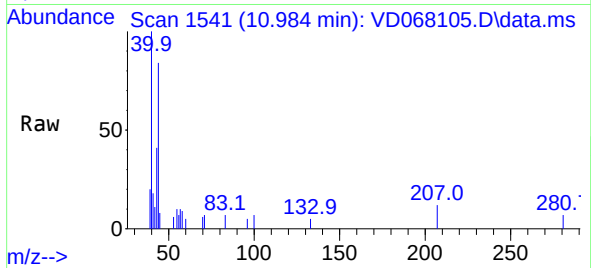




#59
2-Hexanone
Concen: 1.11 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

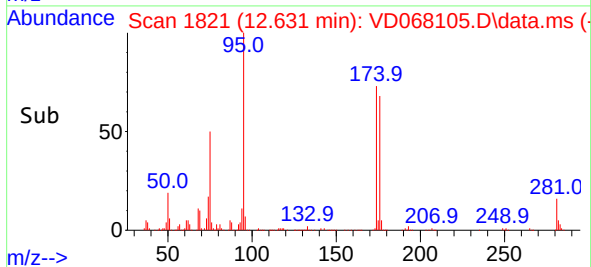
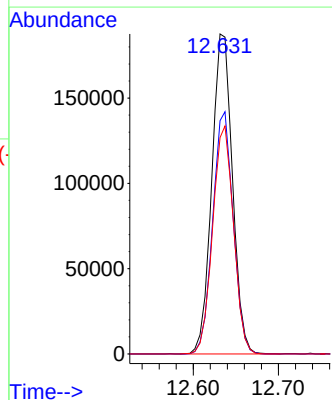
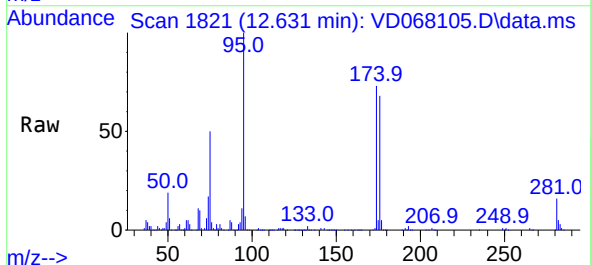
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

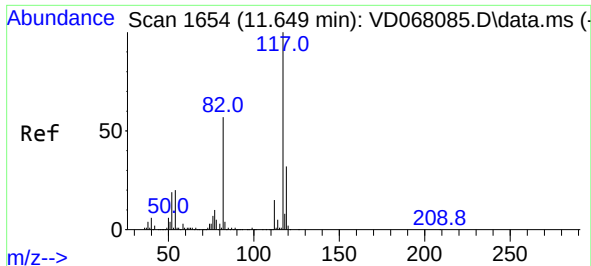
Tgt Ion: 43 Resp: 2263
Ion Ratio Lower Upper
43 100
58 42.8 31.0 93.0



#62
4-Bromofluorobenzene
Concen: 46.86 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Tgt Ion: 95 Resp: 316865
Ion Ratio Lower Upper
95 100
174 75.0 0.0 172.4
176 71.9 0.0 168.4



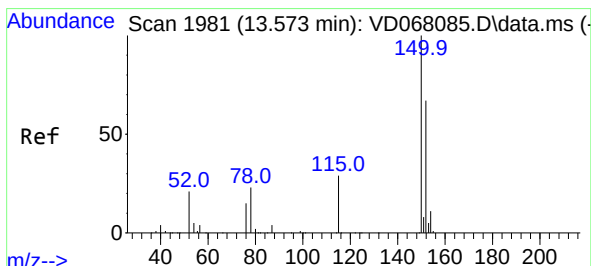
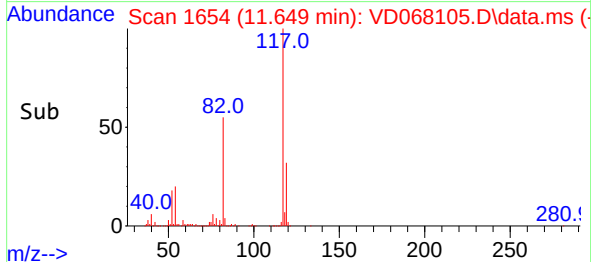
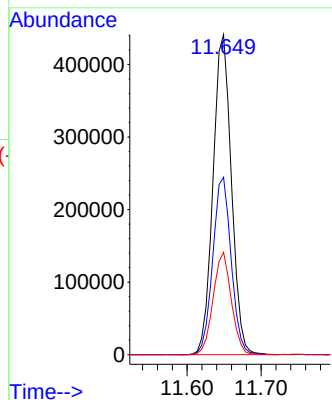
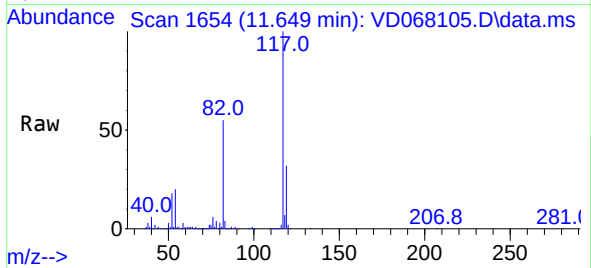


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

Tgt Ion:117 Resp: 760467

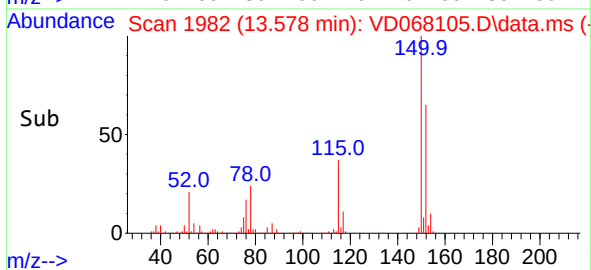
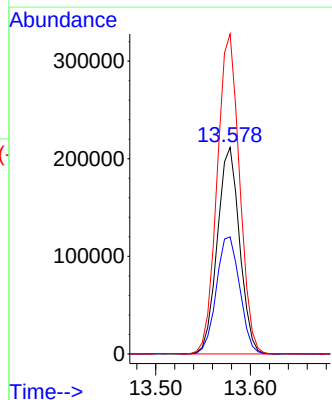
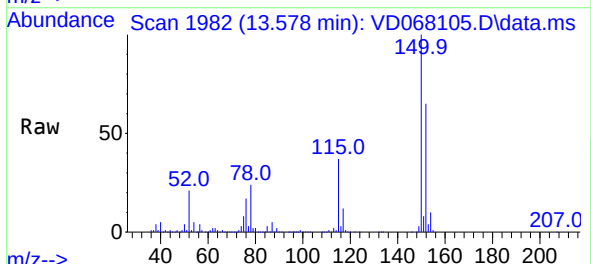
Ion	Ratio	Lower	Upper
117	100		
82	55.5	41.4	62.0
119	32.0	26.1	39.1

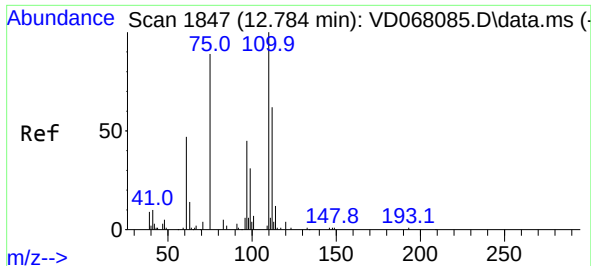


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Tgt Ion:152 Resp: 345692

Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.9	86.8
150	155.9	0.0	344.4

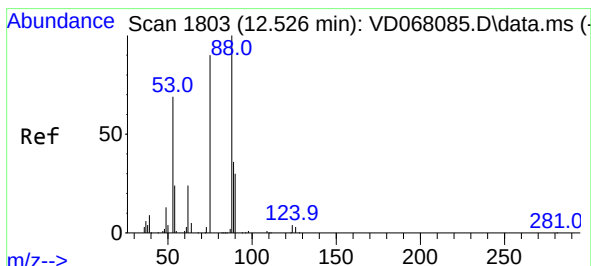
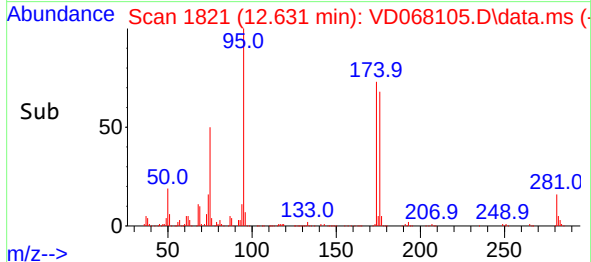
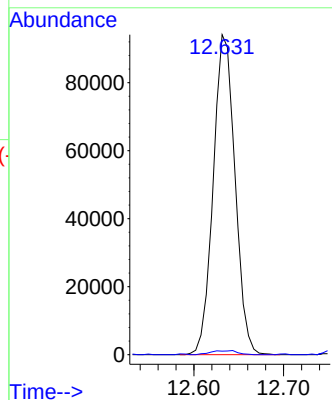
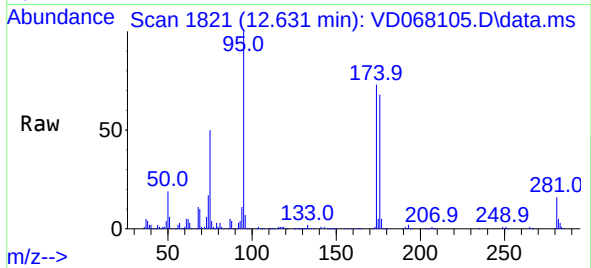




#76
1,2,3-Trichloropropane
Concen: 47.54 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

Tgt Ion: 75 Resp: 158888
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.19 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068105.D
Acq: 20 Jan 2021 11:34

Tgt Ion: 75 Resp: 158888
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.3 40.3 60.5#

