

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070546.D
 Acq On : 04 Oct 2021 12:48
 Operator : VA/SY
 Sample : VD1004SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1004SBL01

Quant Time: Oct 05 04:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

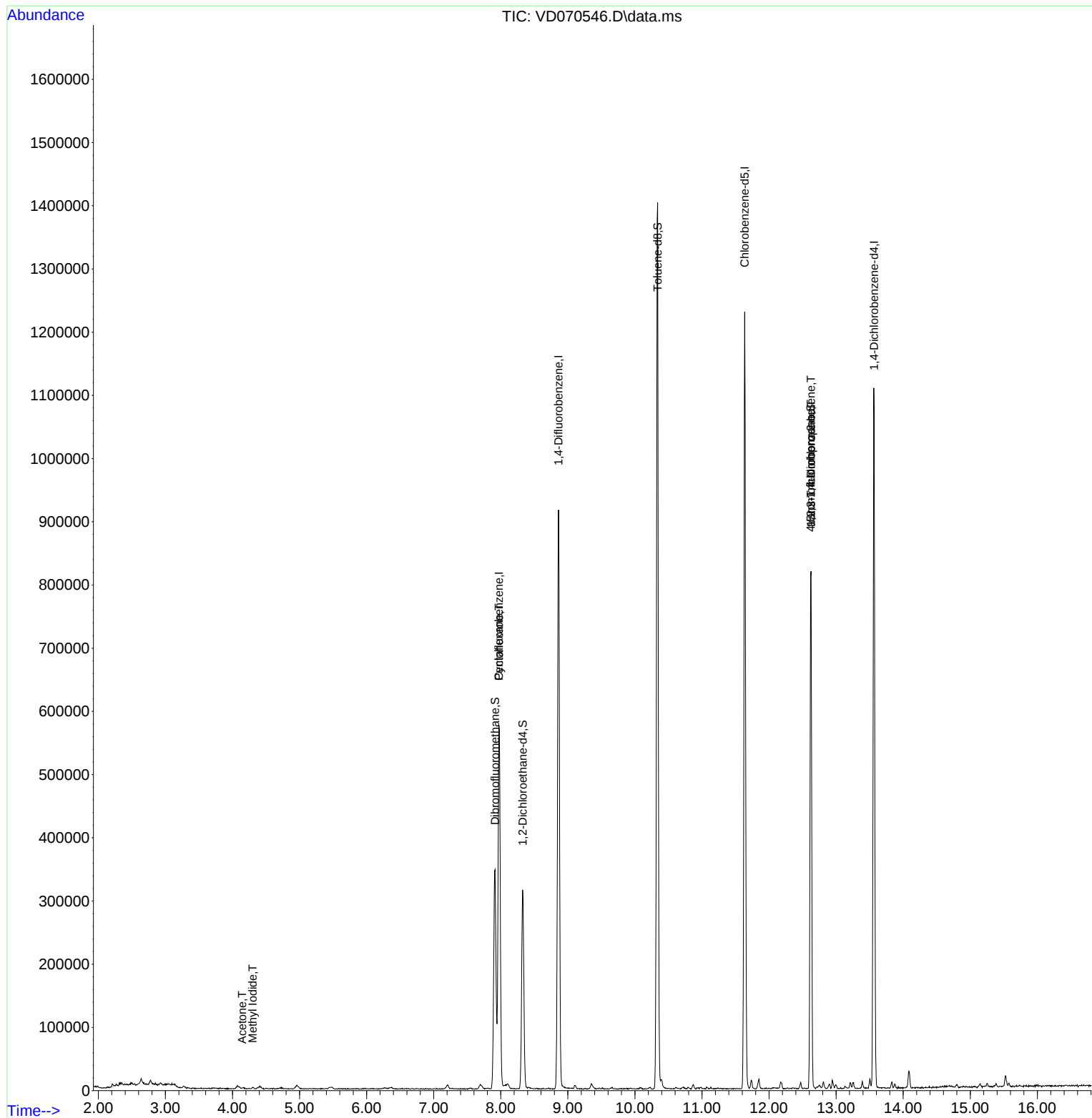
Internal Standards						
1) Pentafluorobenzene	7.973	168	404868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	798497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	715138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	294566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255002	49.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.100%		
35) Dibromofluoromethane	7.914	113	259754	45.701	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.400%		
50) Toluene-d8	10.338	98	992232	48.081	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.160%		
62) 4-Bromofluorobenzene	12.620	95	307264	42.603	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1497	Below Cal		90
3) Chloromethane	2.209	50	3651	Below Cal		97
5) Bromomethane	2.779	94	4626	Below Cal	#	78
6) Chloroethane	2.920	64	1640	Below Cal	#	76
10) Methyl Iodide	4.303	142	2775	1.571 ug/l	#	58
16) Acetone	4.144	43	1255	1.352 ug/l	#	36
18) Methyl Acetate	4.732	43	242	Below Cal	#	48
20) Methylene Chloride	4.950	84	4456	Below Cal	#	77
31) Cyclohexane	7.973	56	11229	1.254 ug/l	#	1
76) 1,2,3-Trichloropropane	12.626	75	147698	49.570 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	147698	124.203 ug/l	#	17

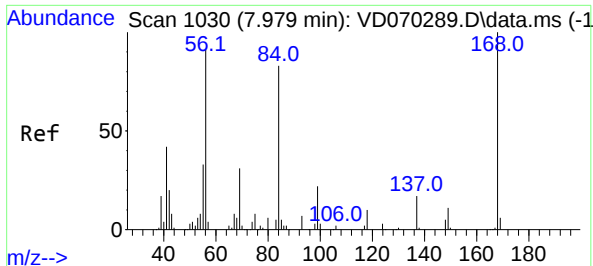
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD1004SBL01

Quant Time: Oct 05 04:59:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

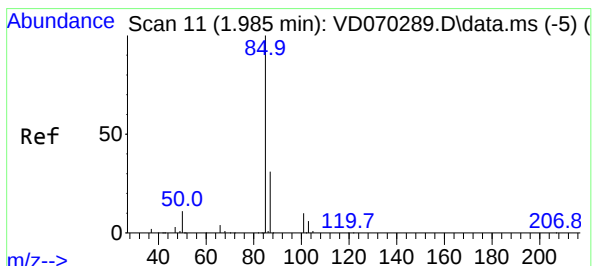
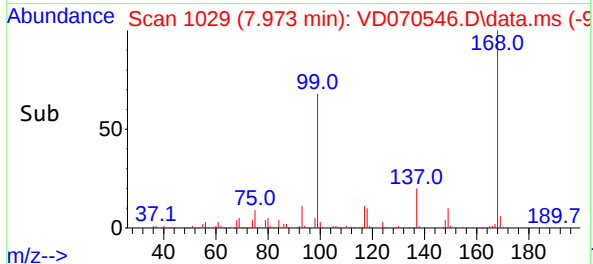
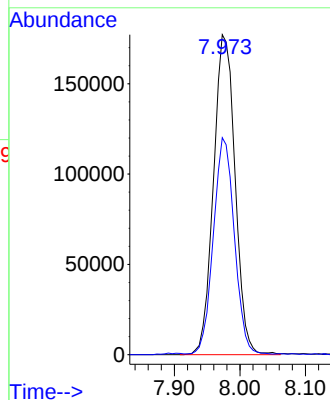
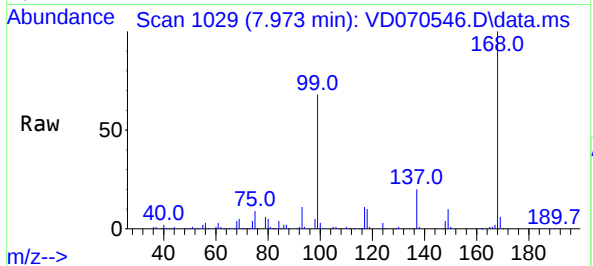




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

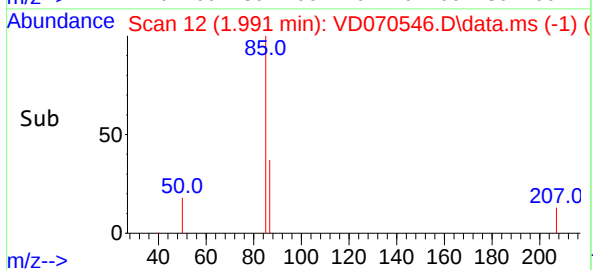
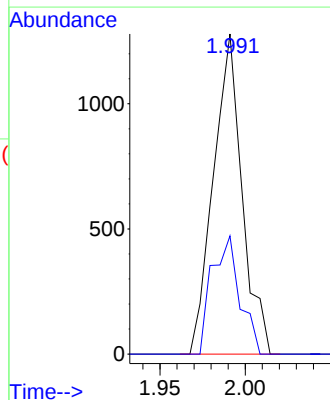
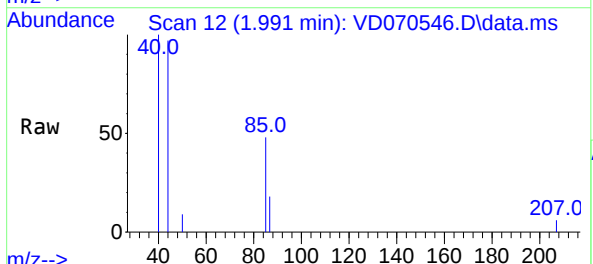
Instrument :
MSVOA_D
ClientSampleId :
VD1004SBL01

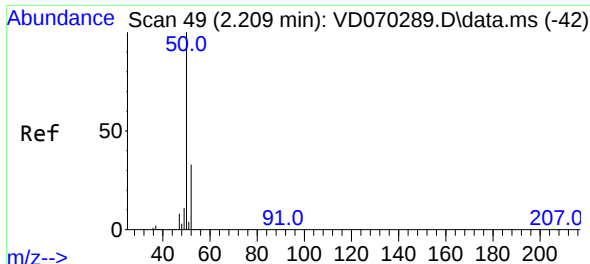
Tgt Ion:168 Resp: 404868
Ion Ratio Lower Upper
168 100
99 67.5 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

Tgt Ion: 85 Resp: 1497
Ion Ratio Lower Upper
85 100
87 36.9 15.6 46.8

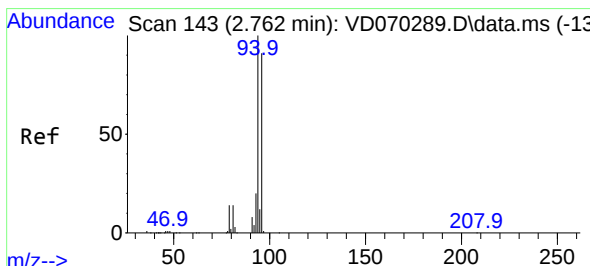
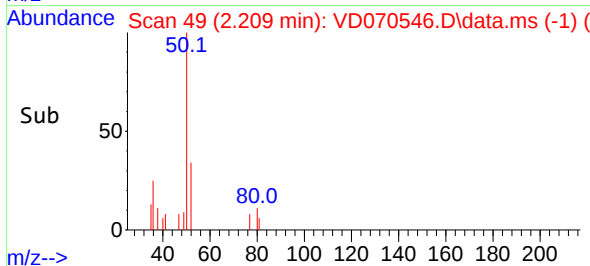
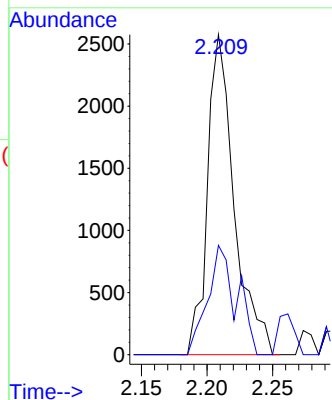
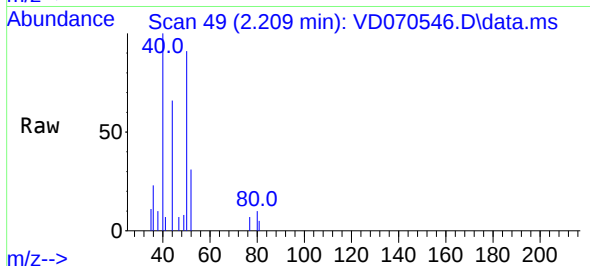




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

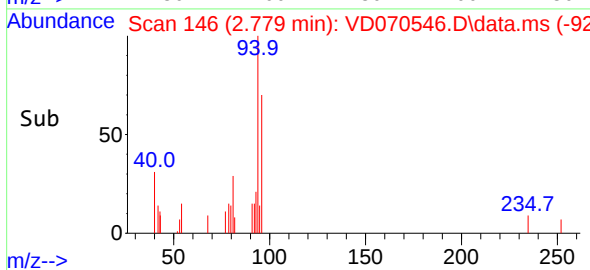
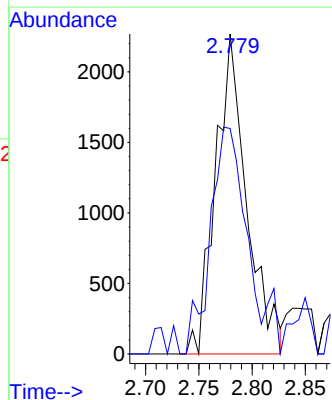
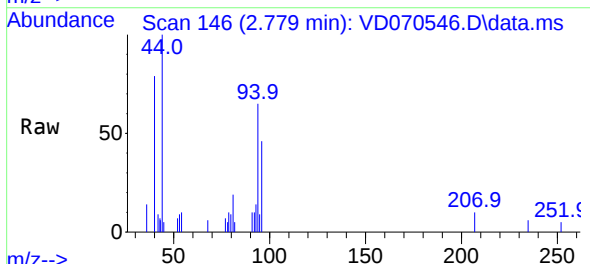
Instrument :
MSVOA_D
ClientSampleId :
VD1004SBL01

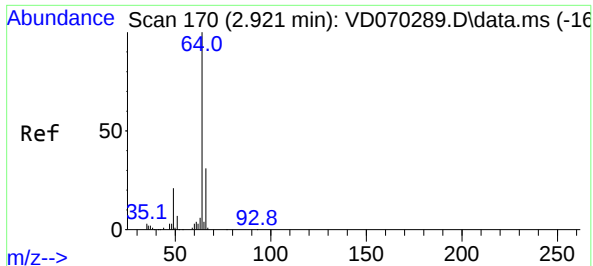
Tgt Ion: 50 Resp: 3651
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

Tgt Ion: 94 Resp: 4626
Ion Ratio Lower Upper
94 100
96 70.5 73.0 109.6#

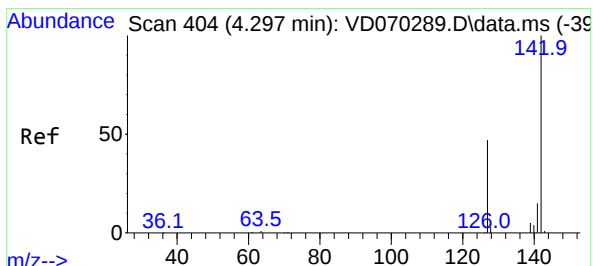
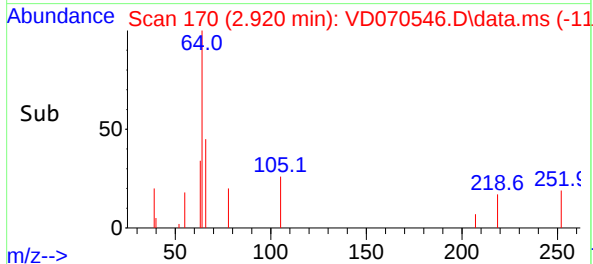
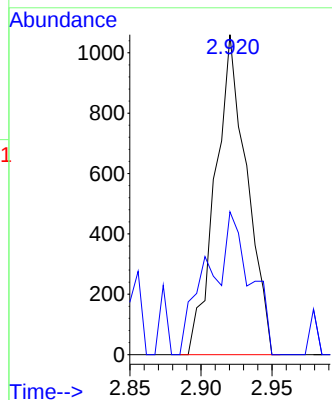
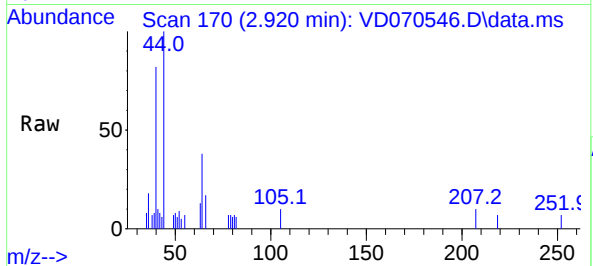




#6
Chloroethane
Concen: Below Cal
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

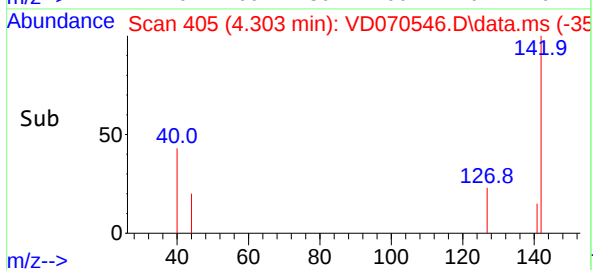
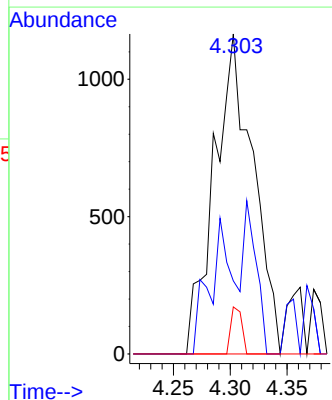
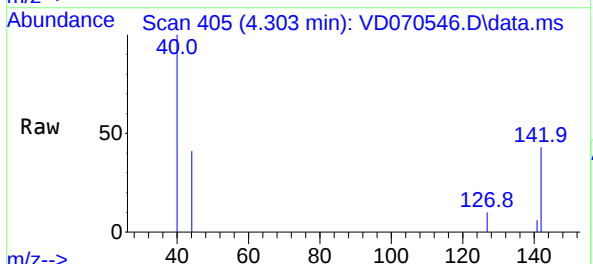
Instrument :
MSVOA_D
ClientSampleId :
VD1004SBL01

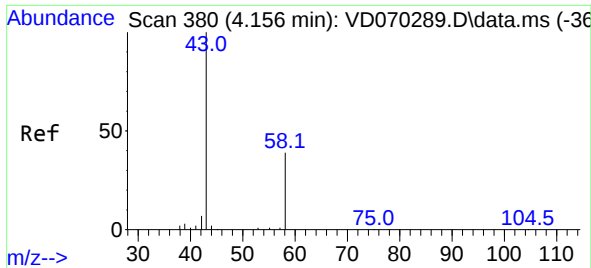
Tgt Ion: 64 Resp: 1640
Ion Ratio Lower Upper
64 100
66 44.6 25.0 37.4#



#10
Methyl Iodide
Concen: 1.571 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

Tgt Ion:142 Resp: 2775
Ion Ratio Lower Upper
142 100
127 15.2 36.9 55.3#
141 4.1 11.8 17.6#

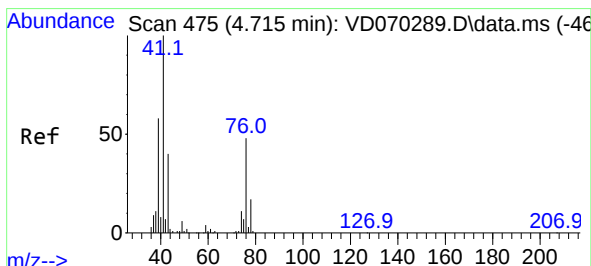
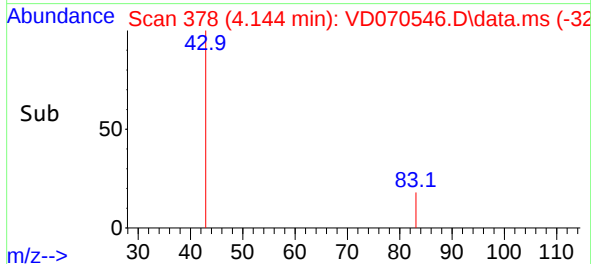
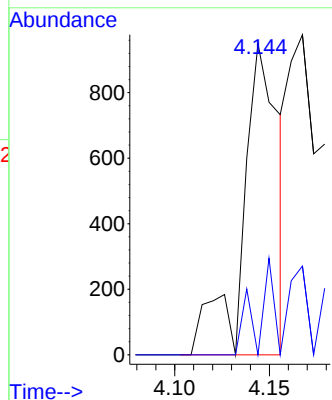
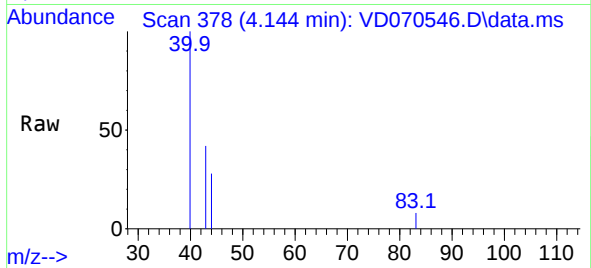




#16
Acetone
Concen: 1.352 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

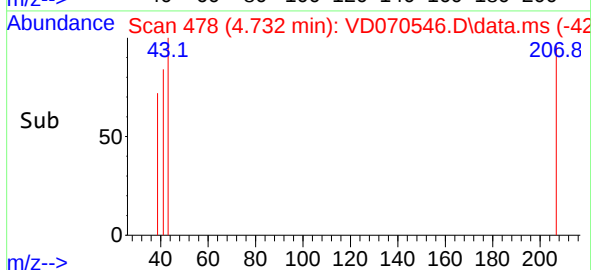
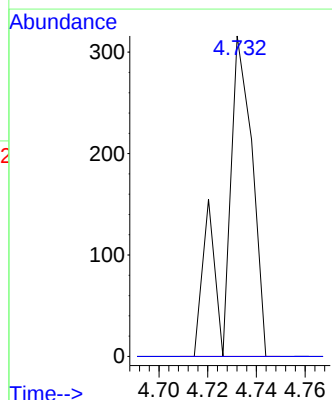
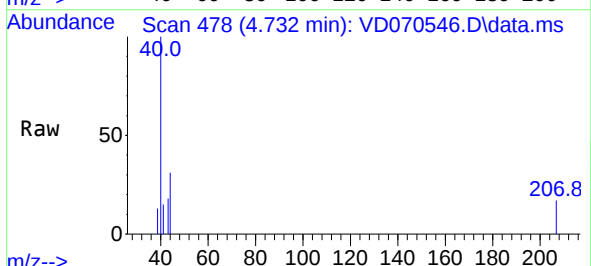
Instrument :
MSVOA_D
ClientSampleId :
VD1004SBL01

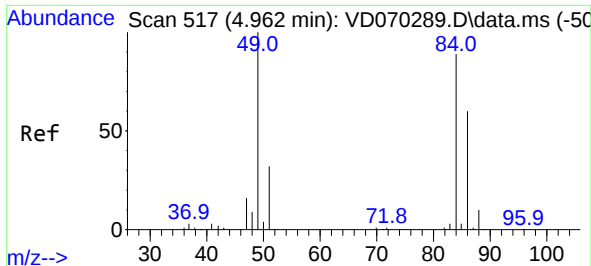
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.017 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

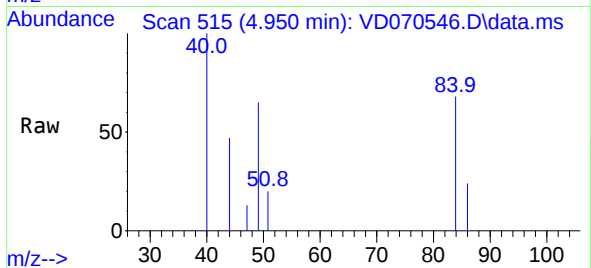
Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





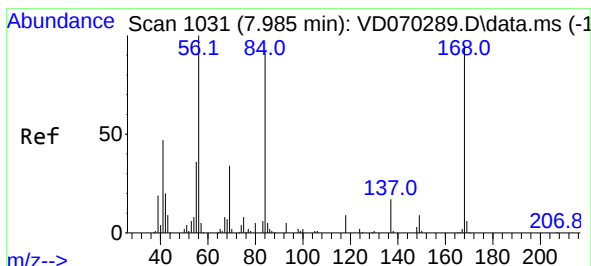
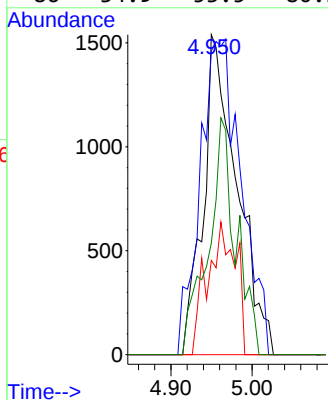
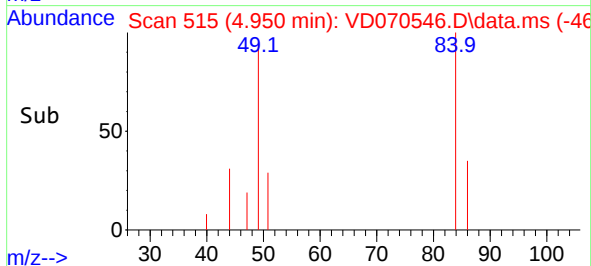
#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD1004SBL01

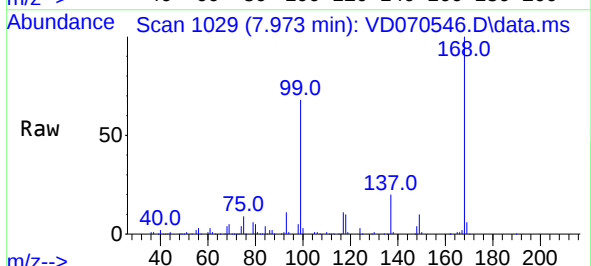


Tgt Ion: 84 Resp: 4456

Ion	Ratio	Lower	Upper
84	100		
49	94.9	89.6	134.4
51	29.4	28.6	43.0
86	34.9	53.5	80.3#

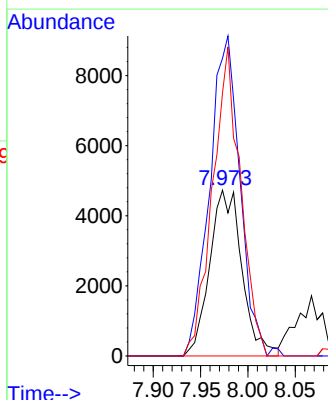
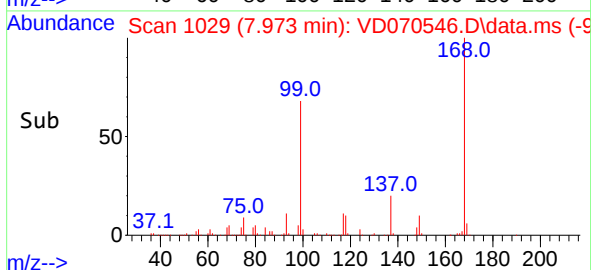


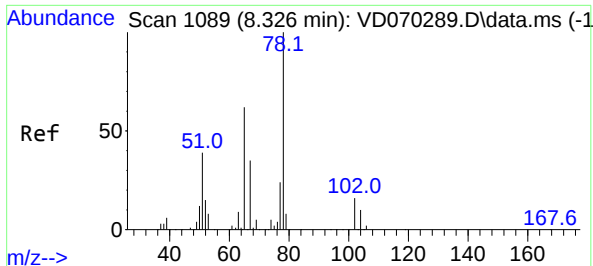
#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48



Tgt Ion: 56 Resp: 11229

Ion	Ratio	Lower	Upper
56	100		
69	179.6	26.9	40.3#
84	158.8	73.6	110.4#

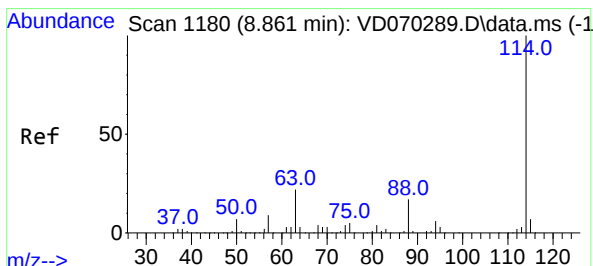
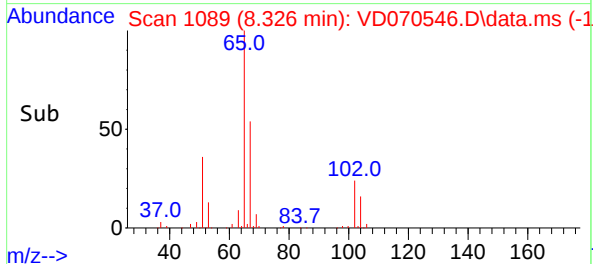
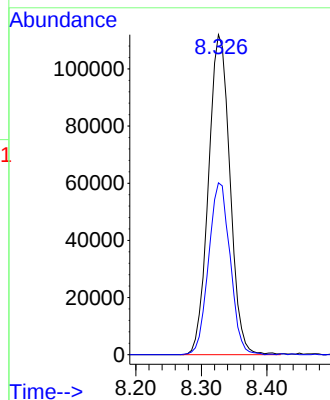
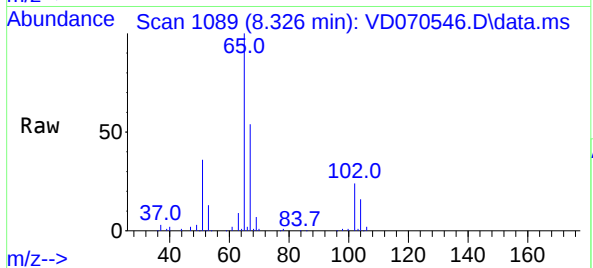




#33
1,2-Dichloroethane-d4
Concen: 49.052 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

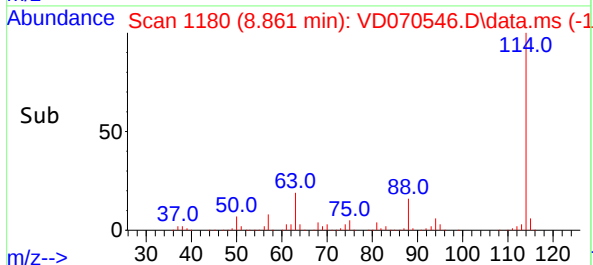
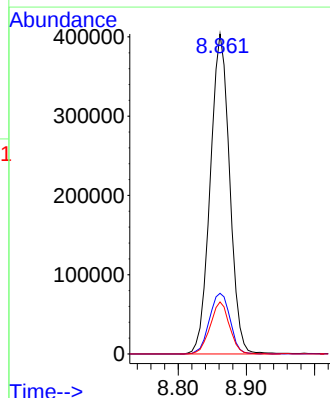
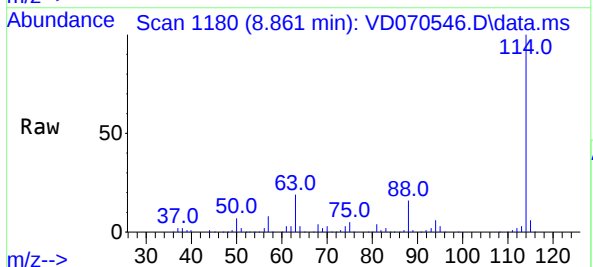
Instrument :
MSVOA_D
ClientSampleId :
VD1004SBL01

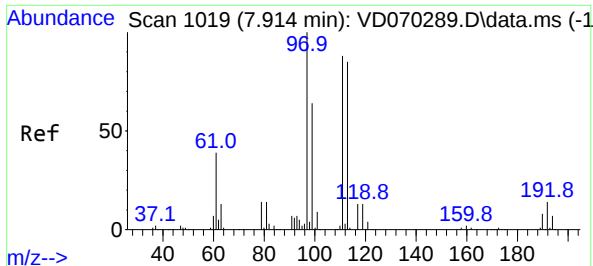
Tgt Ion: 65 Resp: 255002
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

Tgt Ion: 114 Resp: 798497
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.4
88 16.2 0.0 33.4

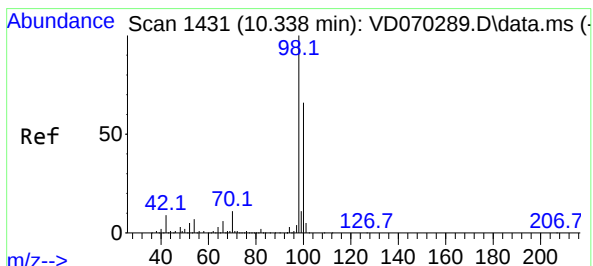
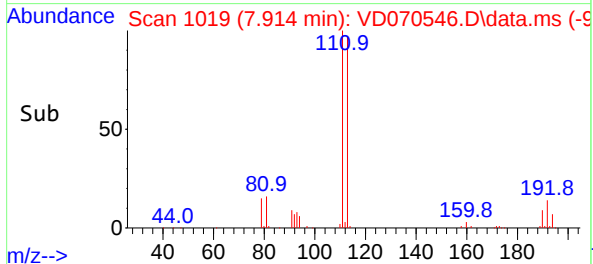
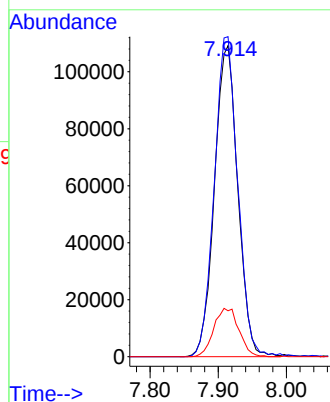
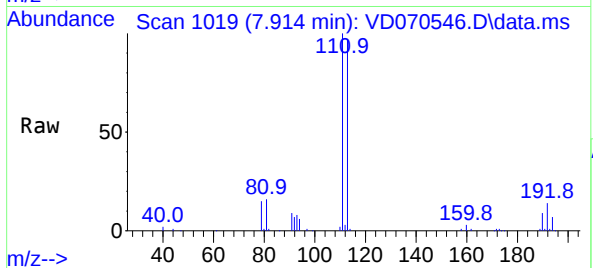




#35
Dibromofluoromethane
Concen: 45.701 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

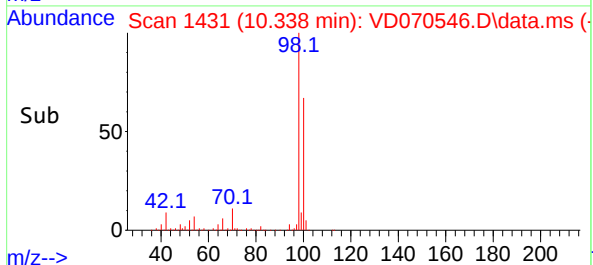
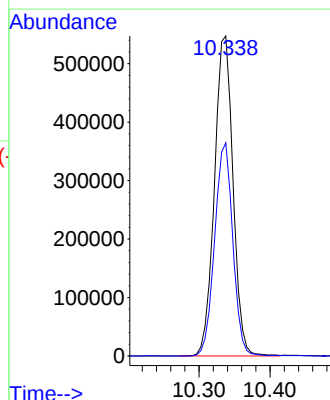
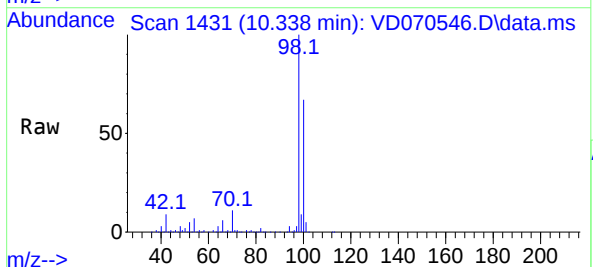
Instrument :
MSVOA_D
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VD1004SBL01

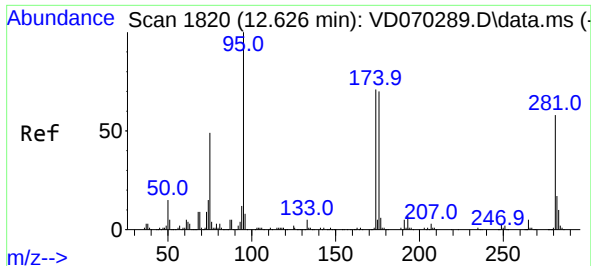
Tgt Ion:113 Resp: 259754
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.2
192 16.7 13.0 19.6



#50
Toluene-d8
Concen: 48.081 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

Tgt Ion: 98 Resp: 992232
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

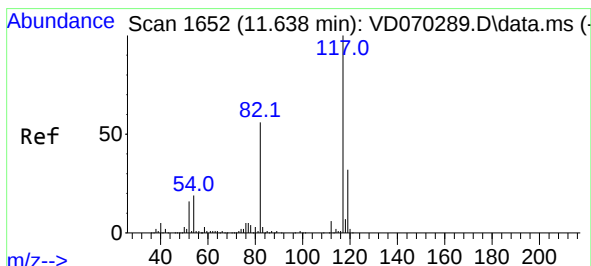
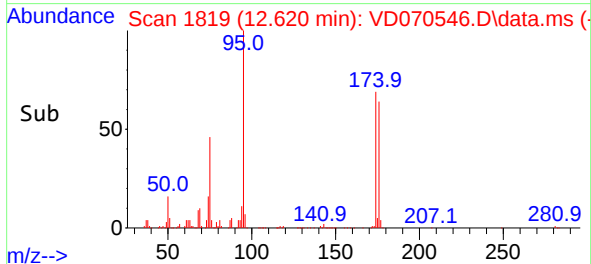
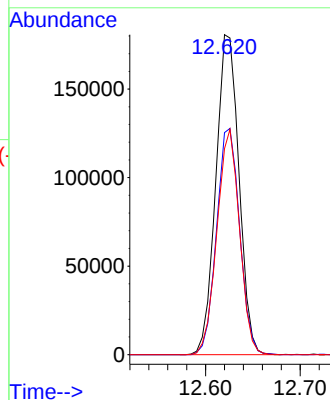
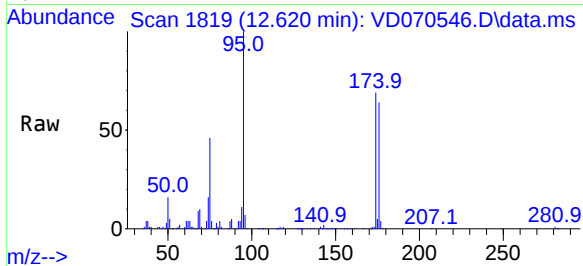




#62
4-Bromofluorobenzene
Concen: 42.603 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

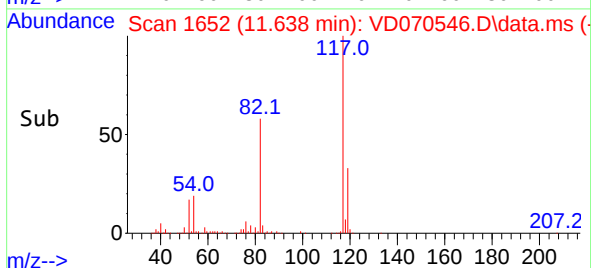
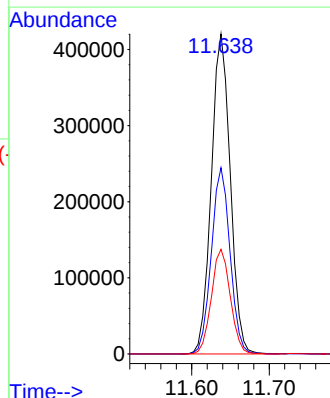
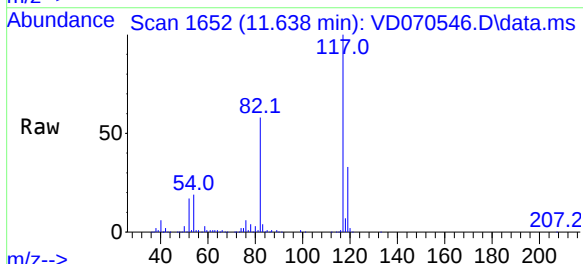
Instrument :
MSVOA_D
ClientSampleId :
VD1004SBL01

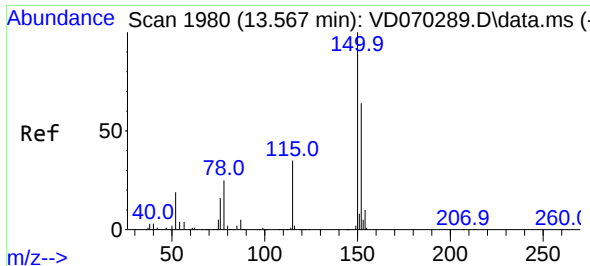
Tgt Ion: 95 Resp: 307264
Ion Ratio Lower Upper
95 100
174 70.6 0.0 140.6
176 68.4 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

Tgt Ion: 117 Resp: 715138
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 32.7 25.2 37.8

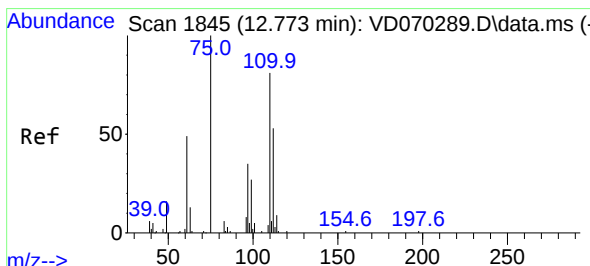
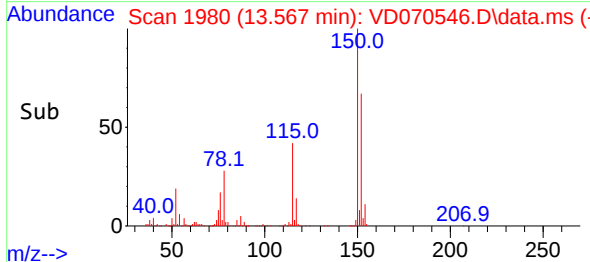
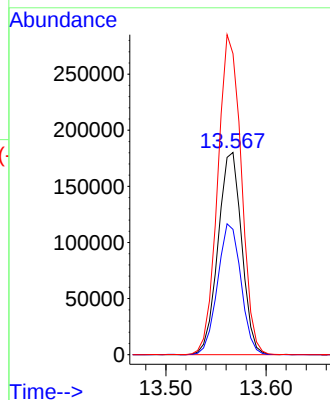
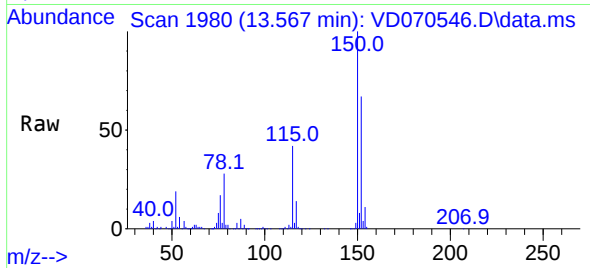




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

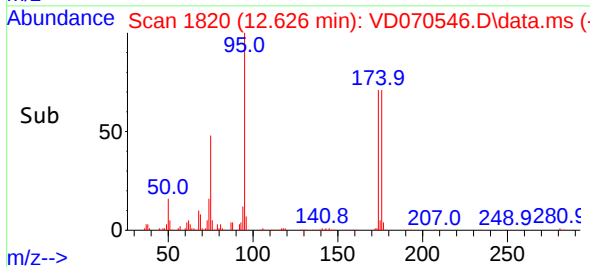
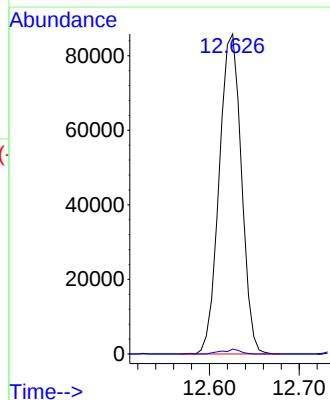
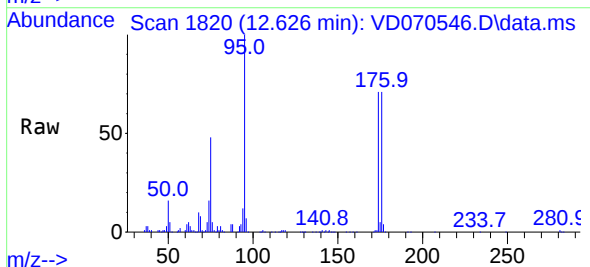
Instrument :
MSVOA_D
ClientSampleId :
VD1004SBL01

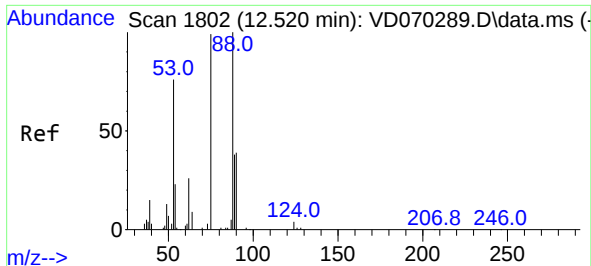
Tgt Ion:152 Resp: 294566
Ion Ratio Lower Upper
152 100
115 64.3 32.1 96.3
150 157.9 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 49.570 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070546.D
Acq: 04 Oct 2021 12:48

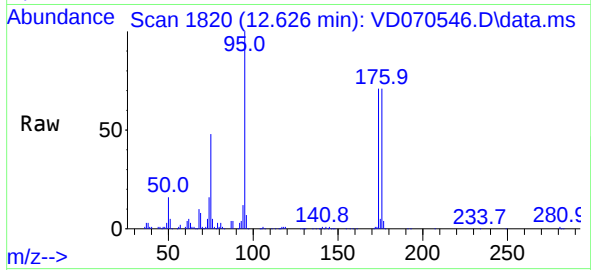
Tgt Ion: 75 Resp: 147698
Ion Ratio Lower Upper
75 100
77 1.2 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.203 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070546.D
 Acq: 04 Oct 2021 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1004SBL01



Tgt Ion: 75 Resp: 147698
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.2 96.2#
 89 0.0 35.6 53.4#

