

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074484.D
 Acq On : 07 Oct 2022 12:09
 Operator : VA/SY
 Sample : N5014-12RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 02:24:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

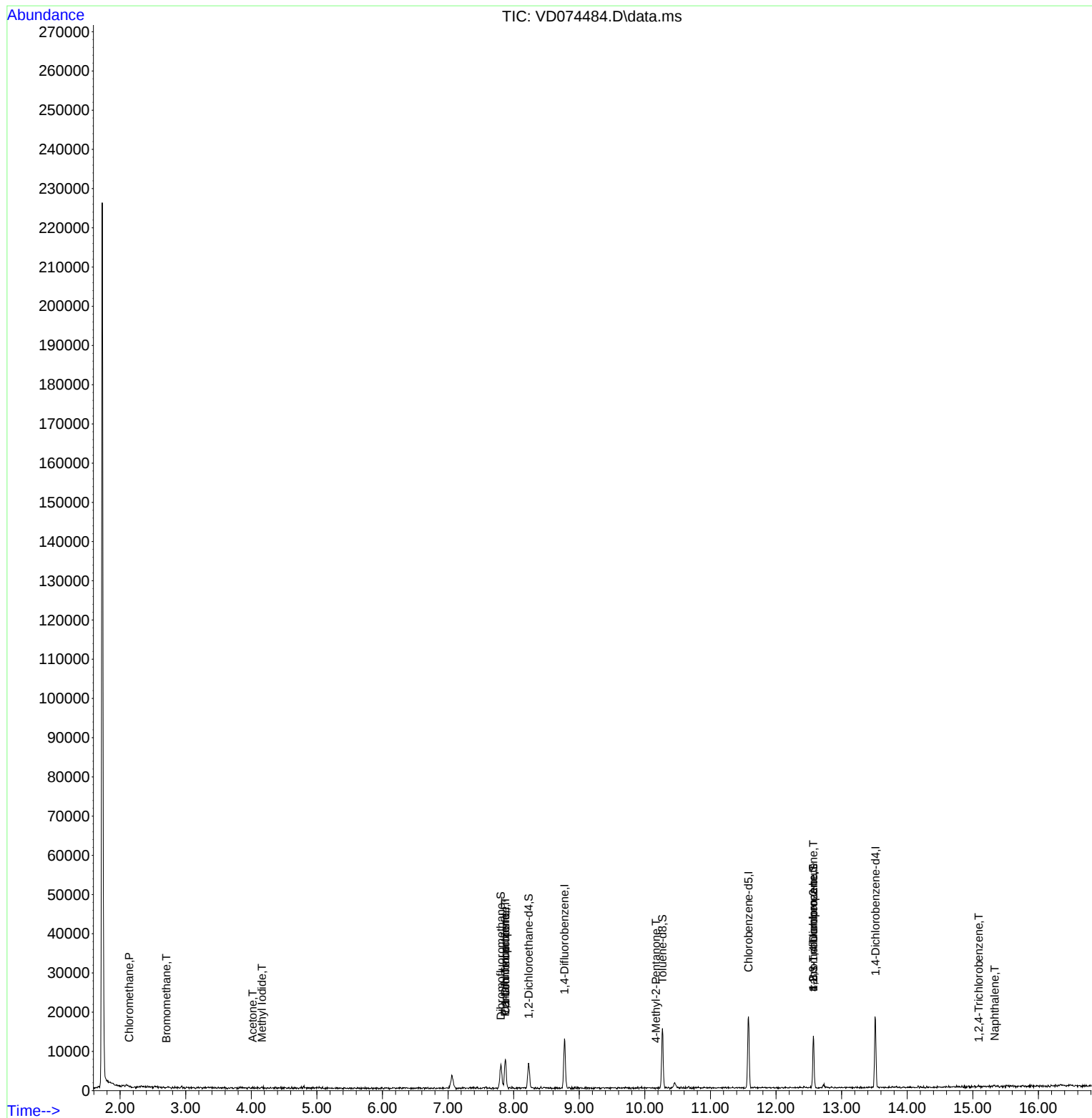
Internal Standards						
1) Pentafluorobenzene	7.869	168	7075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	11835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	5526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5181	82.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.840%#	
35) Dibromofluoromethane	7.804	113	4689	55.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.520%	
50) Toluene-d8	10.269	98	11214	36.686	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 73.380%	
62) 4-Bromofluorobenzene	12.569	95	4339	44.644	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.280%	
Target Compounds						
						Qvalue
3) Chloromethane	2.140	50	232	2.693	ug/l #	37
5) Bromomethane	2.705	94	58	1.325	ug/l #	3
10) Methyl Iodide	4.163	142	223	7.662	ug/l #	43
16) Acetone	4.022	43	121	18.630	ug/l #	37
20) Methylene Chloride	4.799	84	329	Below Cal	#	45
36) 1,1-Dichloropropene	7.875	75	362	3.040	ug/l #	39
38) Carbon Tetrachloride	7.875	117	572	5.420	ug/l #	14
51) 4-Methyl-2-Pentanone	10.169	43	55	1.484	ug/l #	29
76) 1,2,3-Trichloropropane	12.569	75	2129	50.189	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	2129	111.978	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.092	180	132	1.279	ug/l #	13
95) Naphthalene	15.333	128	494	2.509	ug/l #	69

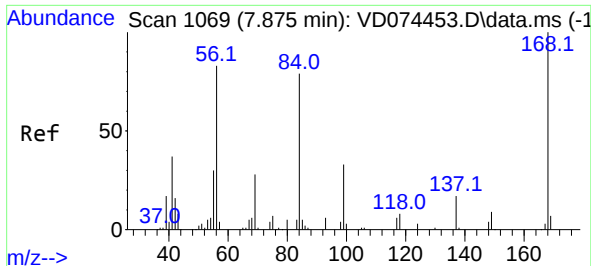
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 08 02:24:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration

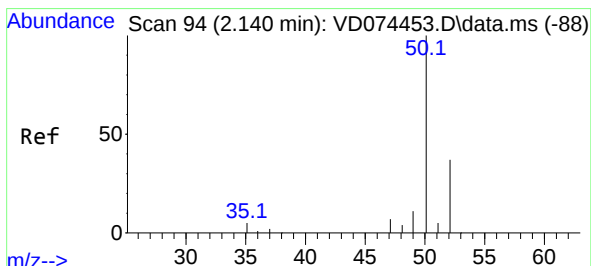
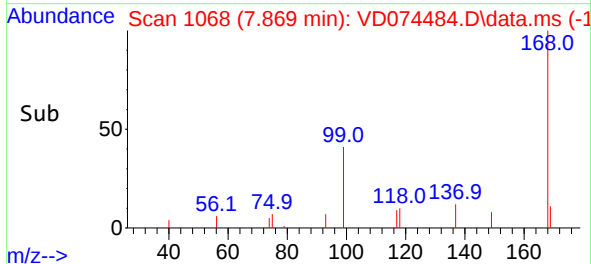
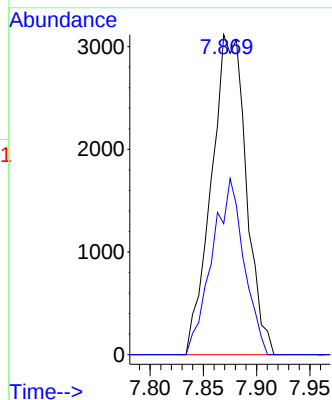
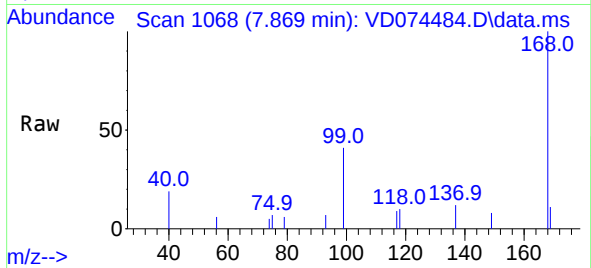




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

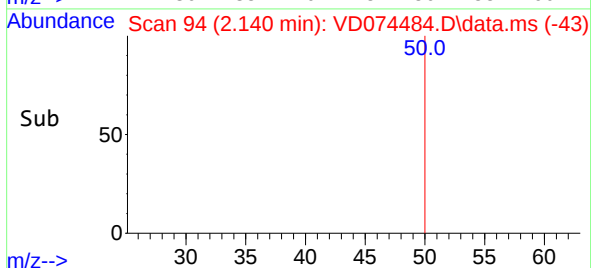
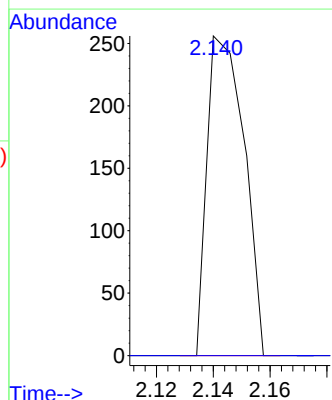
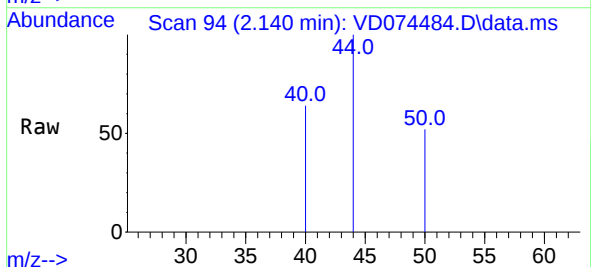
Instrument :
MSVOA_D
ClientSampleId :

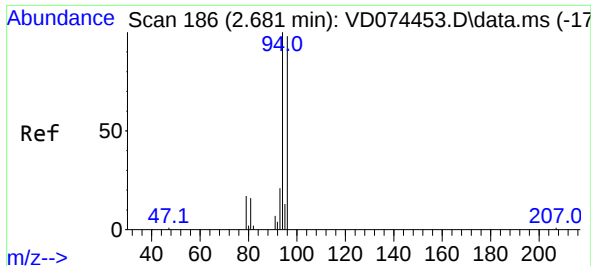
Tgt Ion:168 Resp: 7075
Ion Ratio Lower Upper
168 100
99 40.9 40.9 61.3



#3
Chloromethane
Concen: 2.693 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Tgt Ion: 50 Resp: 232
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

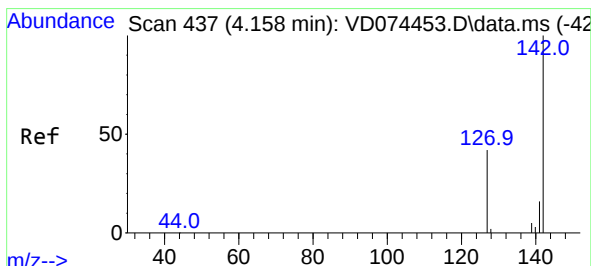
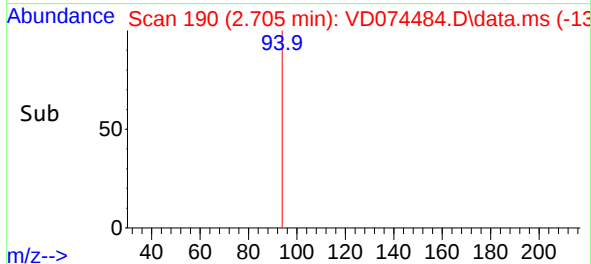
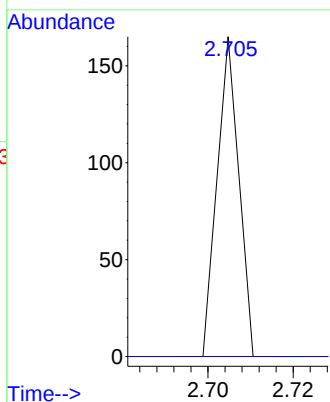
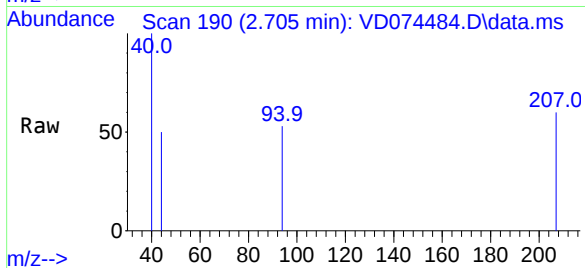




#5
Bromomethane
Concen: 1.325 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.023 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

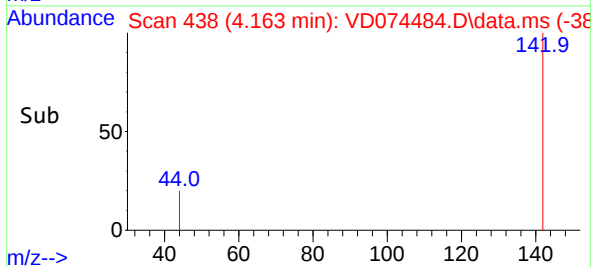
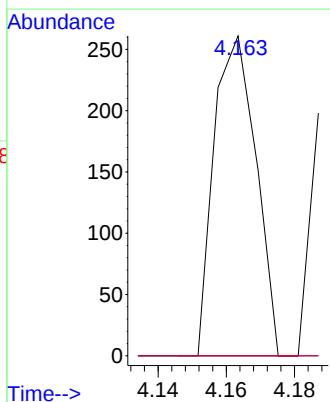
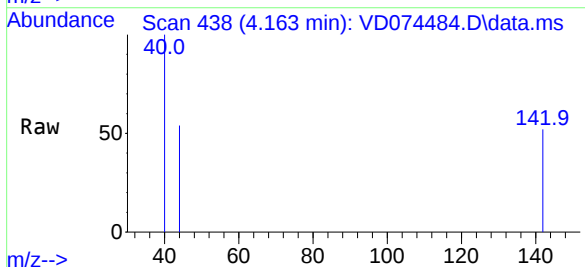
Instrument :
MSVOA_D
ClientSampleId :

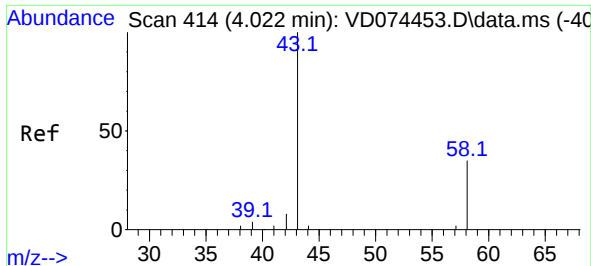
Tgt Ion: 94 Resp: 58
Ion Ratio Lower Upper
94 100
96 0.0 74.6 112.0#



#10
Methyl Iodide
Concen: 7.662 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

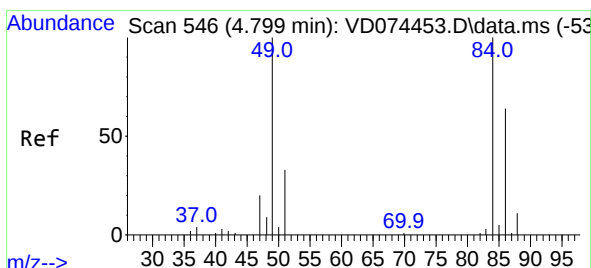
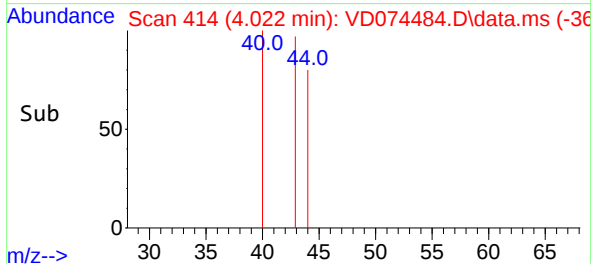
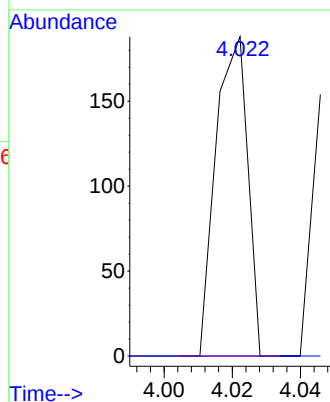
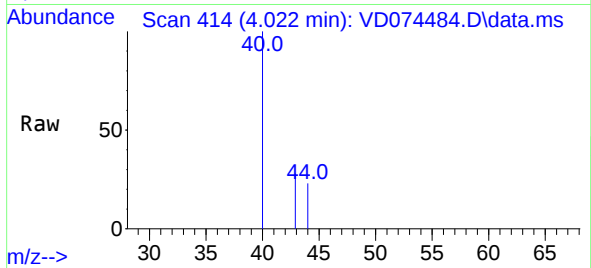




#16
Acetone
Concen: 18.630 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

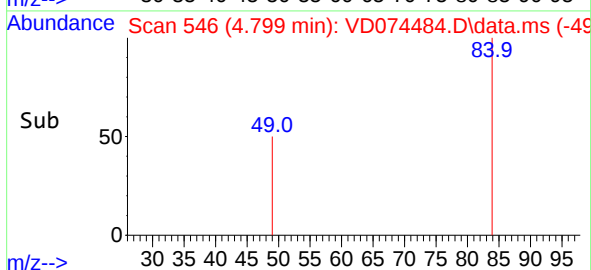
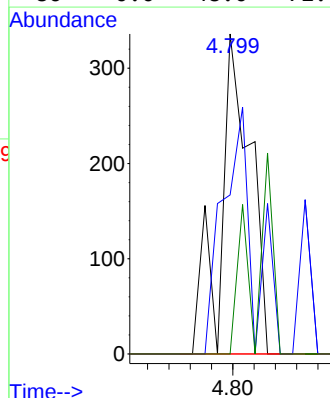
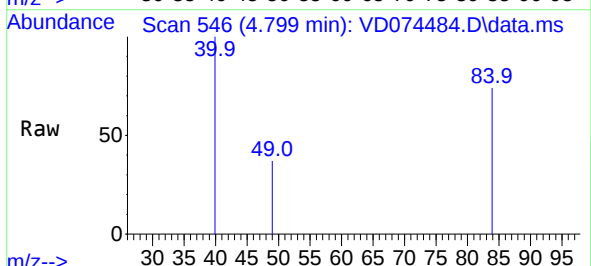
Instrument :
MSVOA_D
ClientSampleId :

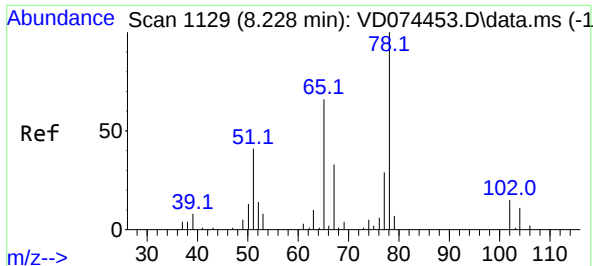
Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Tgt Ion: 84 Resp: 329
Ion Ratio Lower Upper
84 100
49 49.7 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#

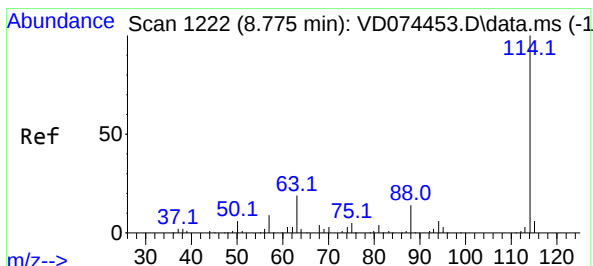
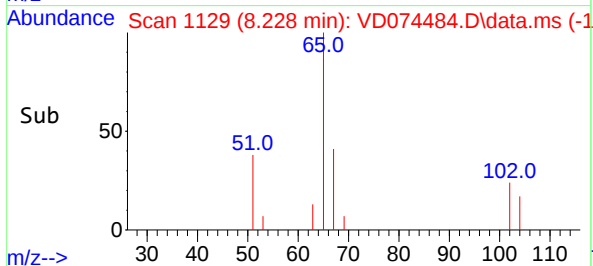
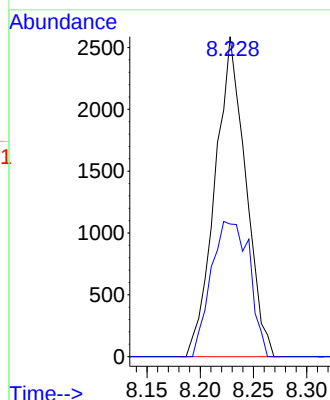
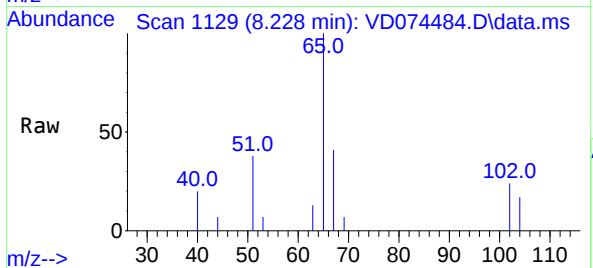




#33
1,2-Dichloroethane-d4
Concen: 82.422 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

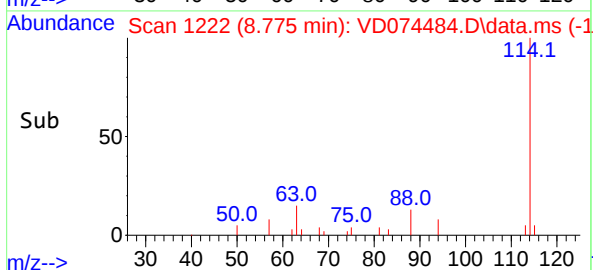
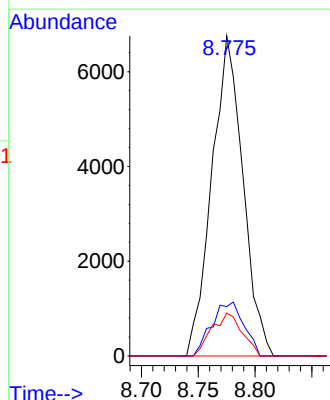
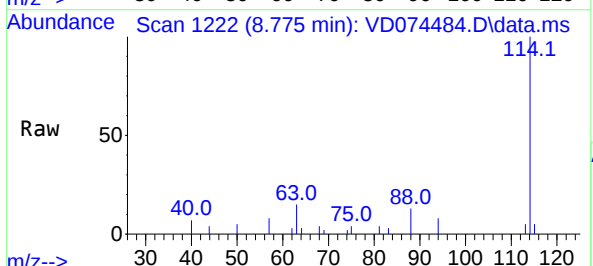
Instrument :
MSVOA_D
ClientSampleId :

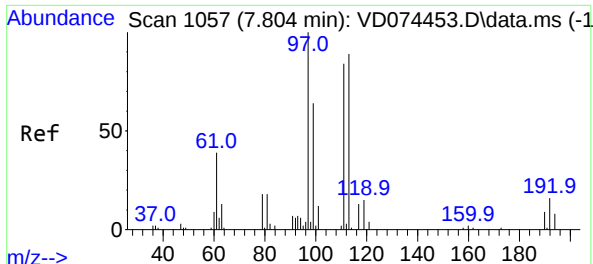
Tgt Ion: 65 Resp: 5181
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

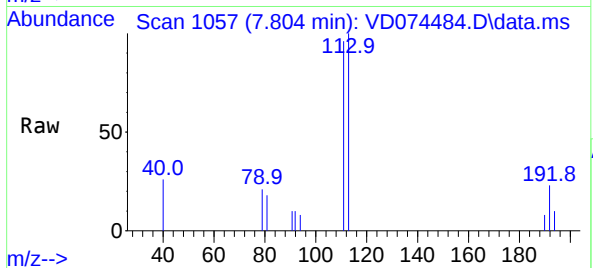
Tgt Ion: 114 Resp: 12867
Ion Ratio Lower Upper
114 100
63 15.5 0.0 33.2
88 13.4 0.0 28.2



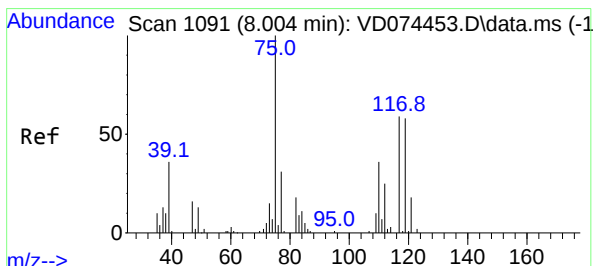
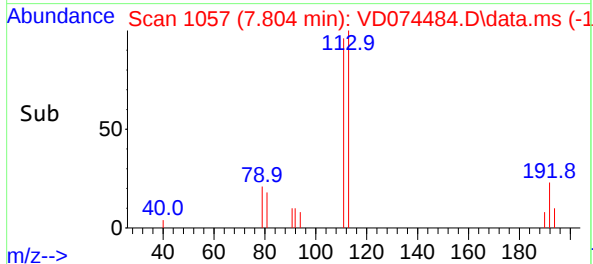
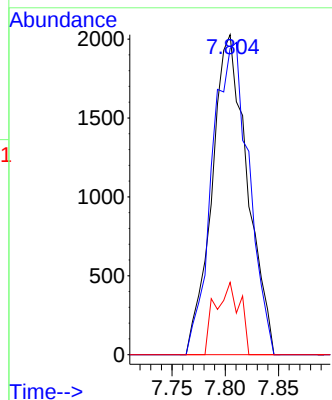


#35
Dibromofluoromethane
Concen: 55.265 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :

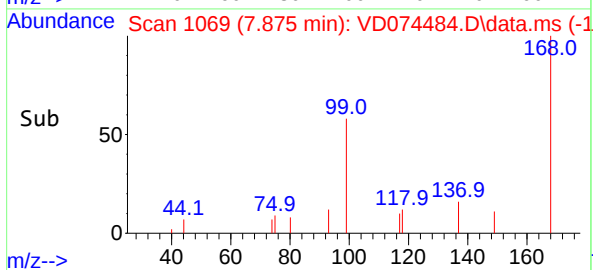
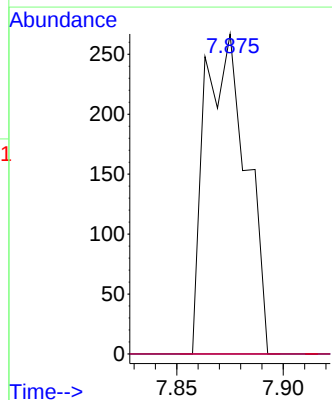
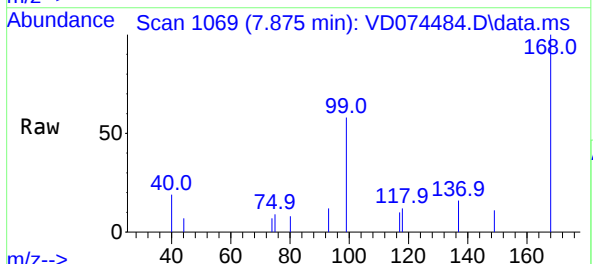


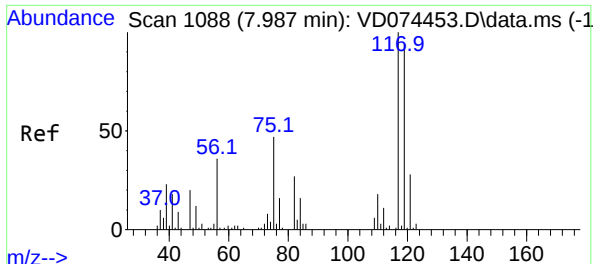
Tgt Ion:113 Resp: 4689
Ion Ratio Lower Upper
113 100
111 101.6 82.3 123.5
192 15.7 16.4 24.6#



#36
1,1-Dichloropropene
Concen: 3.040 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

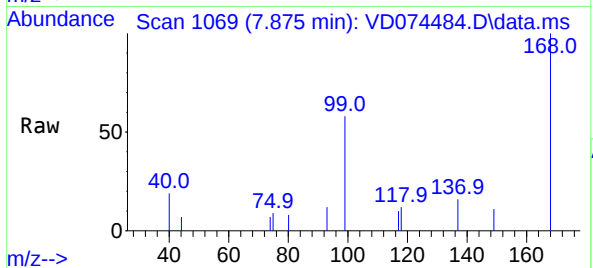
Tgt Ion: 75 Resp: 362
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



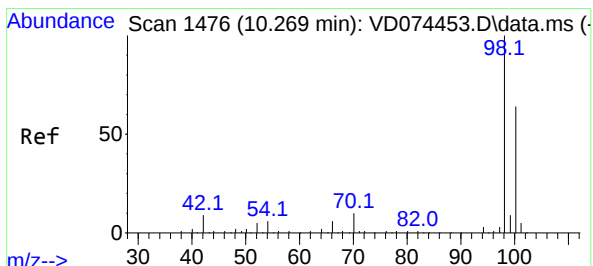
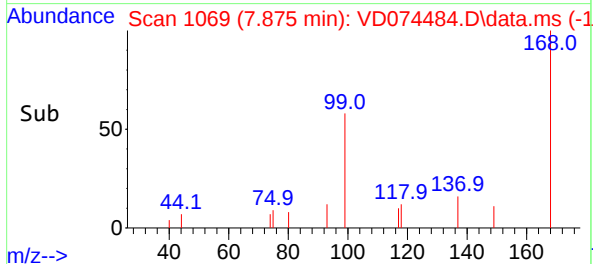
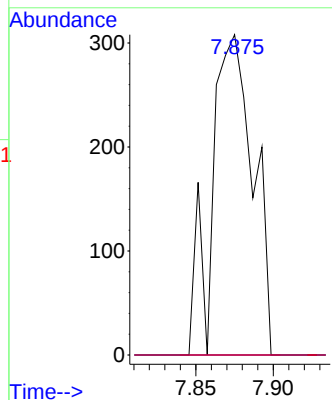


#38
Carbon Tetrachloride
Concen: 5.420 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :

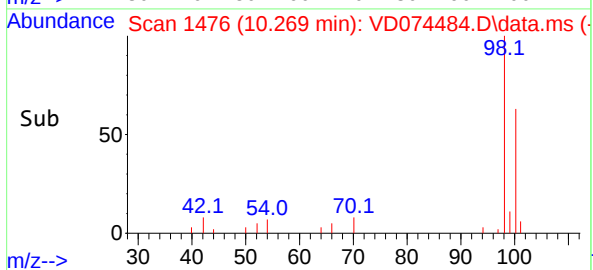
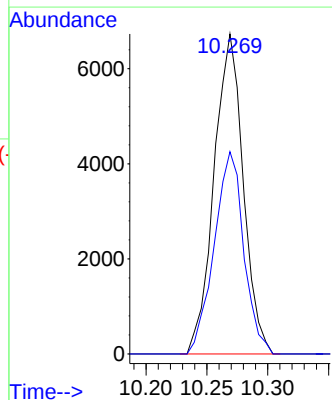
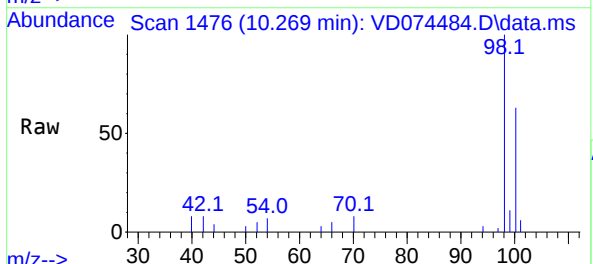


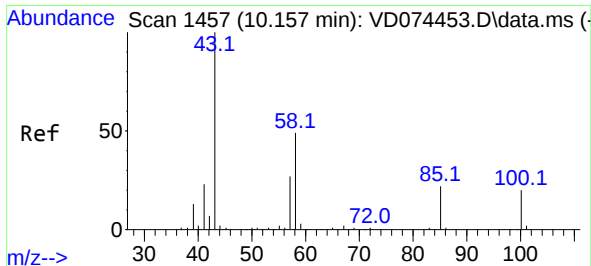
Tgt Ion:117 Resp: 572
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 36.686 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Tgt Ion: 98 Resp: 11214
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

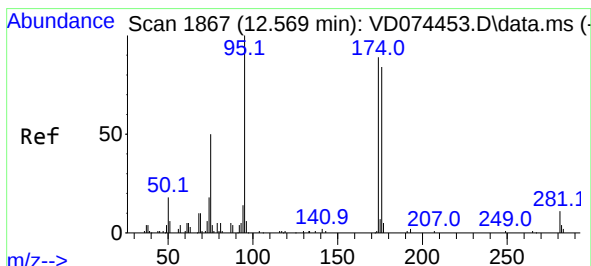
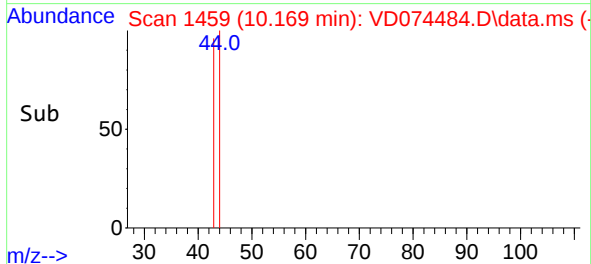
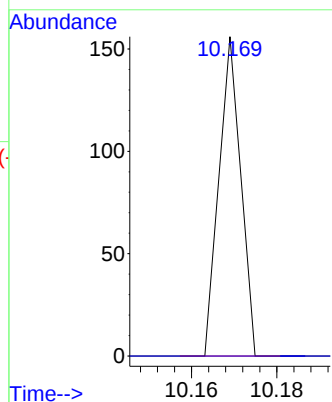
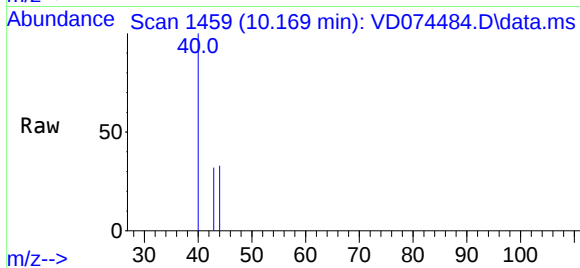




#51
4-Methyl-2-Pentanone
Concen: 1.484 ug/l
RT: 10.169 min Scan# 1457
Delta R.T. 0.012 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

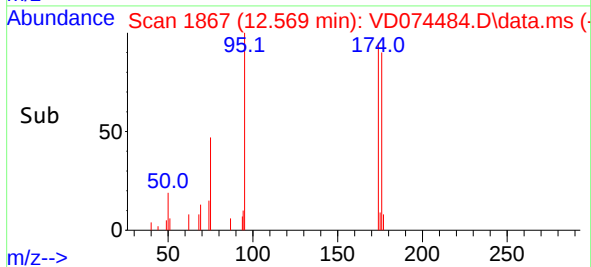
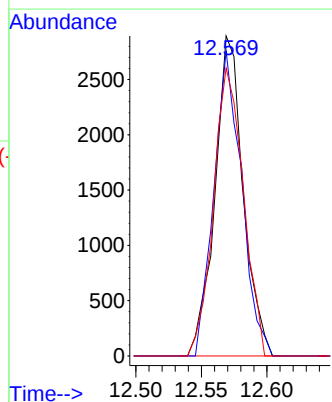
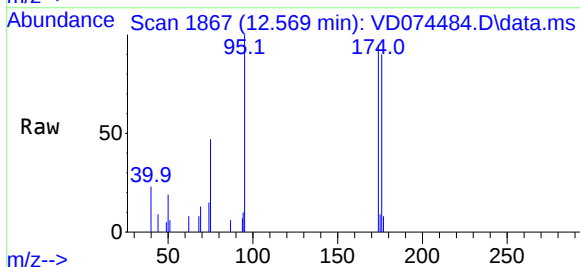
Instrument :
MSVOA_D
ClientSampleId :

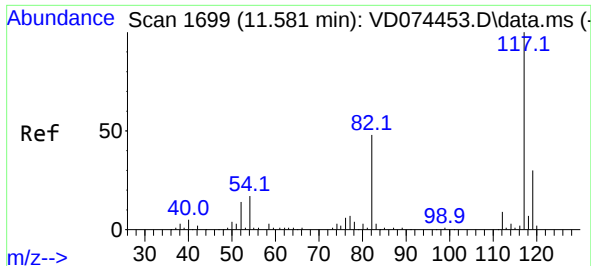
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 44.644 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

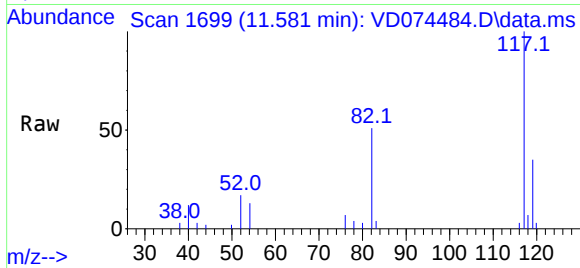
Tgt Ion: 95 Resp: 4339
Ion Ratio Lower Upper
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174 93.6 0.0 197.0
176 95.1 0.0 182.6



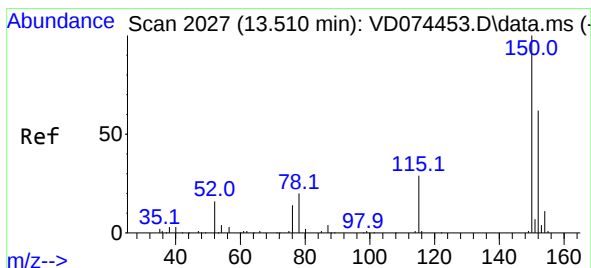
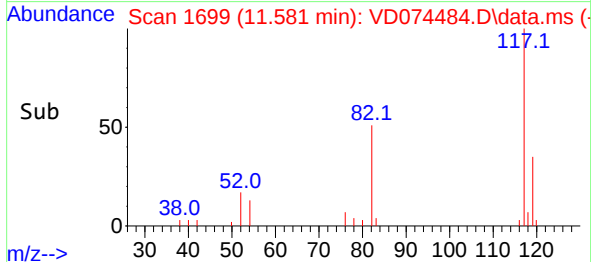
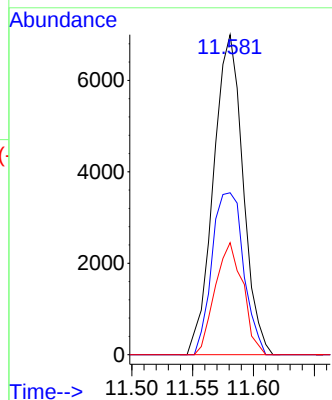


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :

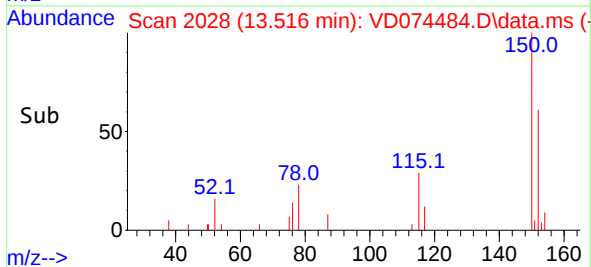
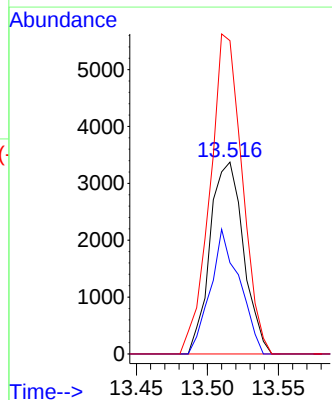
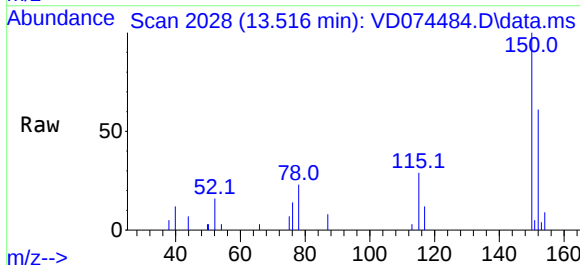


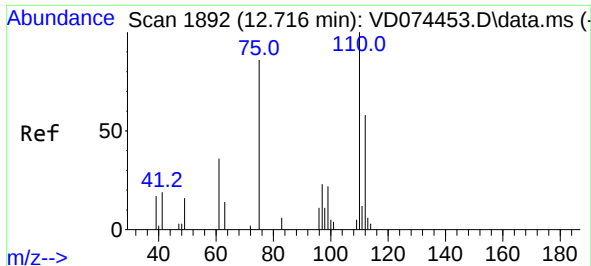
Tgt Ion:117 Resp: 11835
Ion Ratio Lower Upper
117 100
82 50.6 41.6 62.4
119 35.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Tgt Ion:152 Resp: 5526
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 160.9 0.0 348.2

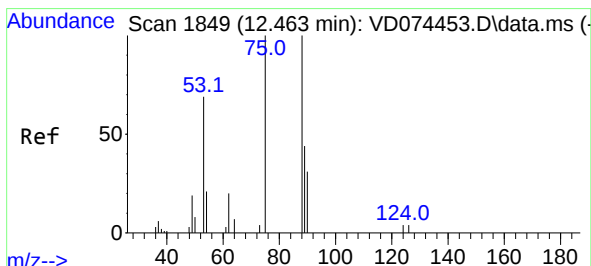
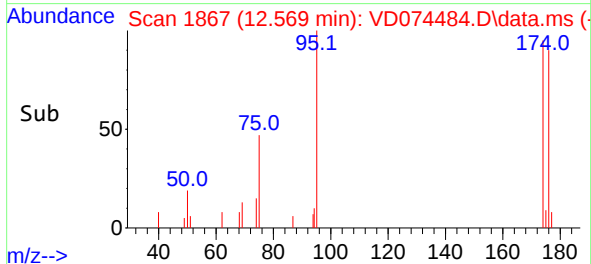
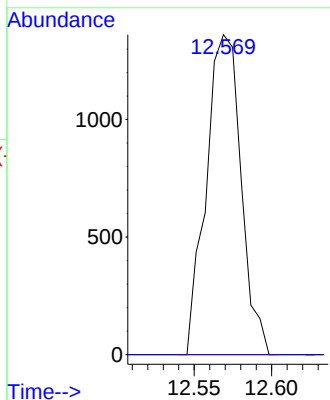
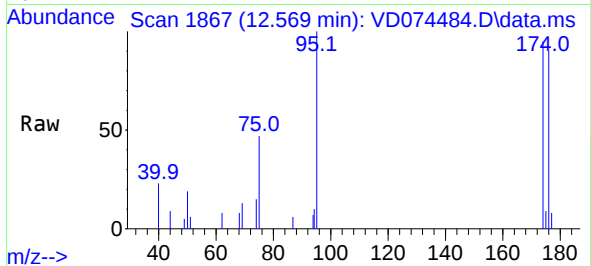




#76
1,2,3-Trichloropropane
Concen: 50.189 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

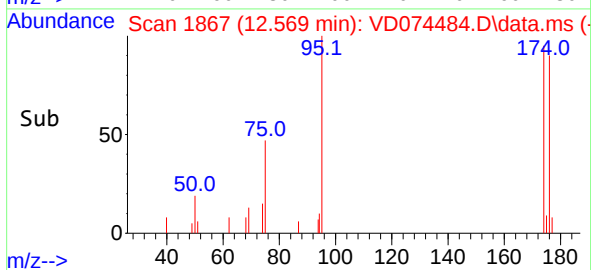
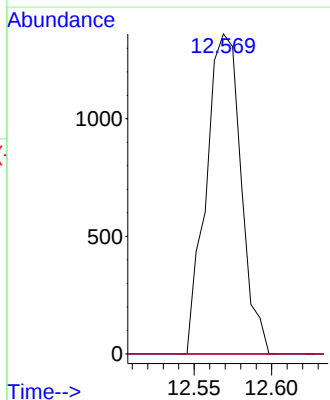
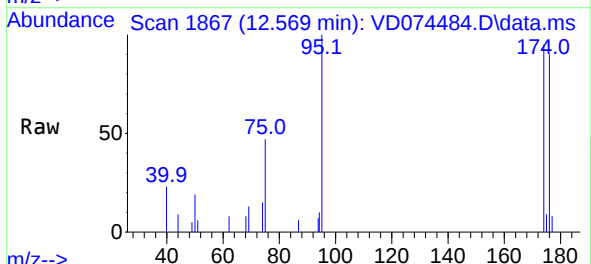
Instrument :
MSVOA_D
ClientSampleId :

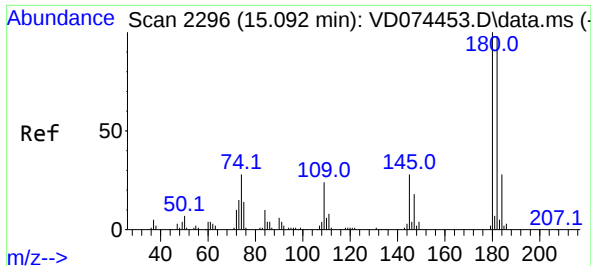
Tgt Ion: 75 Resp: 2129
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.978 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

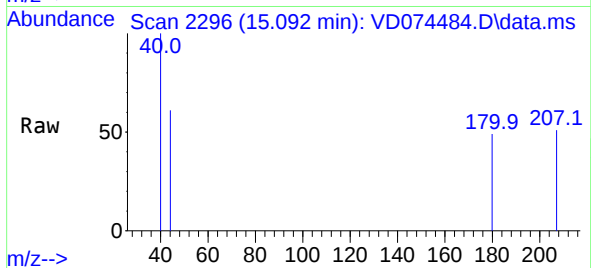
Tgt Ion: 75 Resp: 2129
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



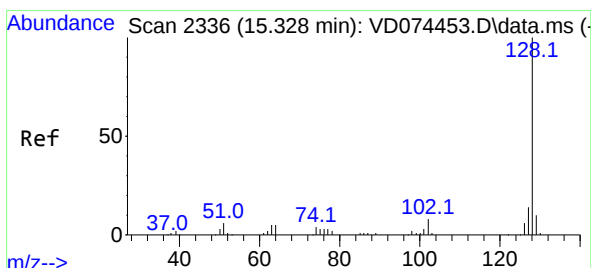
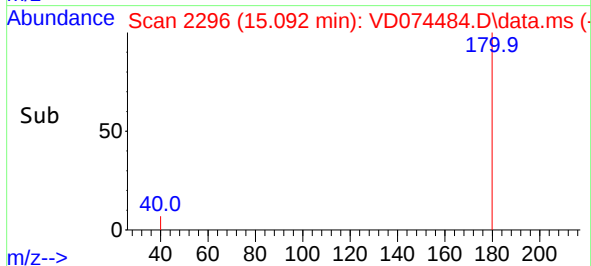
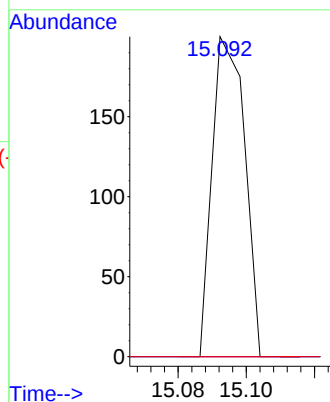


#93
1,2,4-Trichlorobenzene
Concen: 1.279 ug/l
RT: 15.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:180 Resp: 132
Ion Ratio Lower Upper
180 100
182 0.0 46.9 140.6#
145 0.0 14.1 42.3#



#95
Naphthalene
Concen: 2.509 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Tgt Ion:128 Resp: 494
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.3 12.5#

