

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011871.D
 Acq On : 15 Dec 2022 14:59
 Operator : KP/MD
 Sample : N6038-17
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-37-(3-5)

Quant Time: Dec 16 00:14:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

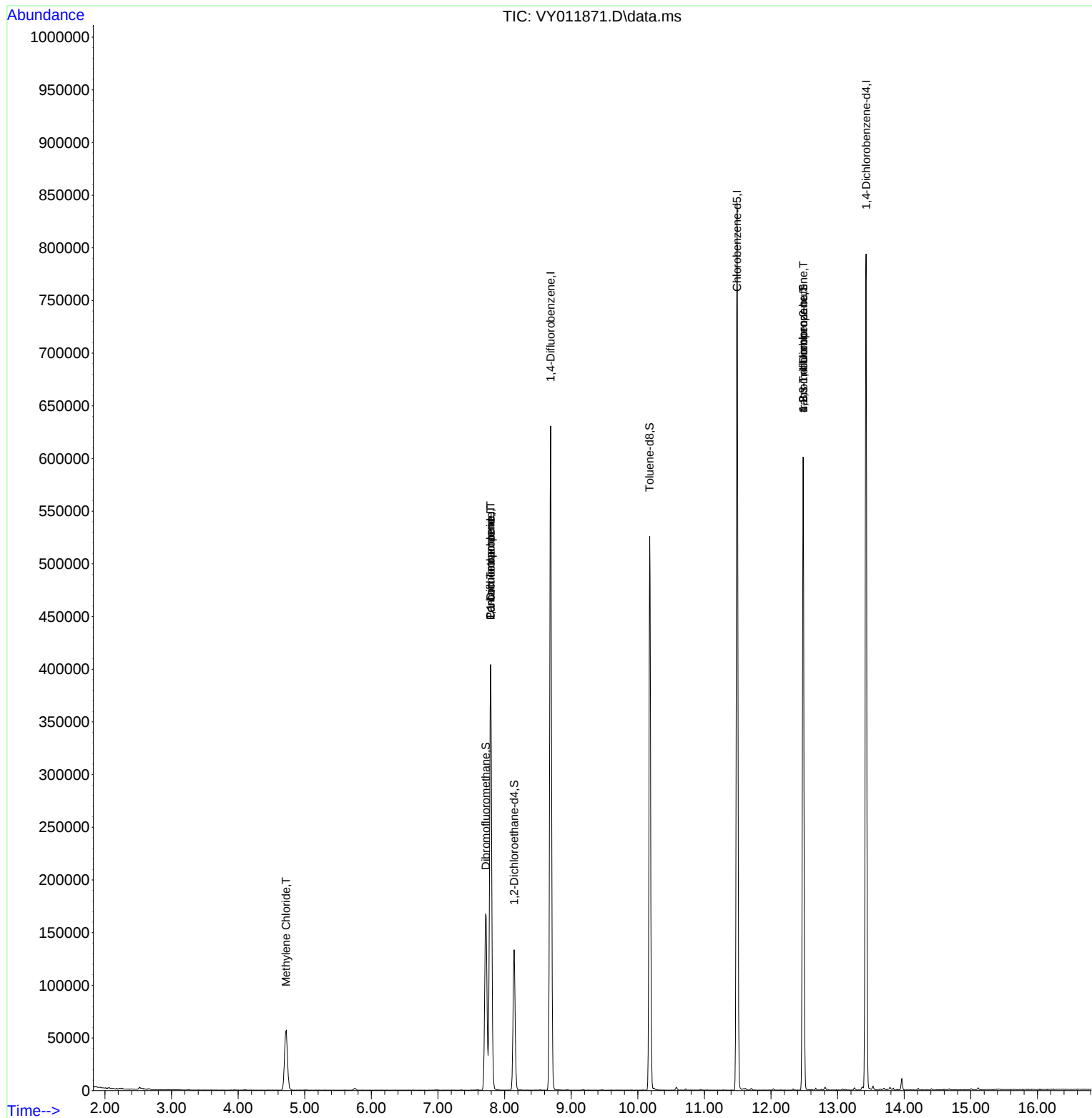
Internal Standards						
1) Pentafluorobenzene	7.789	168	311807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	524044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	458949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	207087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104305	48.918	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.840%		
35) Dibromofluoromethane	7.716	113	120223	51.774	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.540%		
50) Toluene-d8	10.179	98	346638	44.707	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.420%		
62) 4-Bromofluorobenzene	12.483	95	171052	56.932	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	113.860%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	113	Below Cal	#	41
3) Chloromethane	2.113	50	114	Below Cal	#	41
4) Vinyl Chloride	2.247	62	20	Below Cal	#	43
5) Bromomethane	2.662	94	197	Below Cal		89
11) Tert butyl alcohol	4.942	59	158	Below Cal	#	74
18) Methyl Acetate	4.741	43	103	Below Cal	#	50
20) Methylene Chloride	4.716	84	44116	9.837	ug/l	97
31) Cyclohexane	7.789	56	6243	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	23405	5.886	ug/l #	49
38) Carbon Tetrachloride	7.789	117	31178	6.674	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	89685	42.805	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	89685	97.134	ug/l #	13

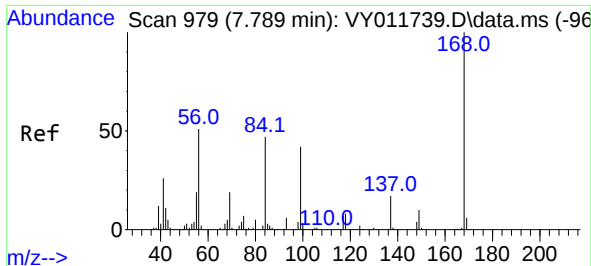
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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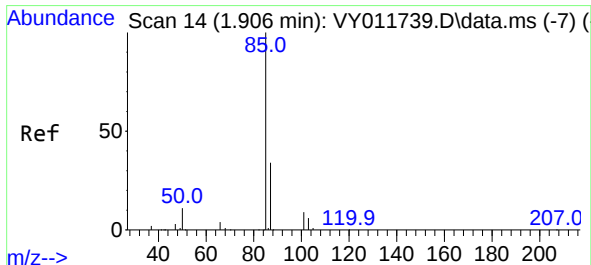
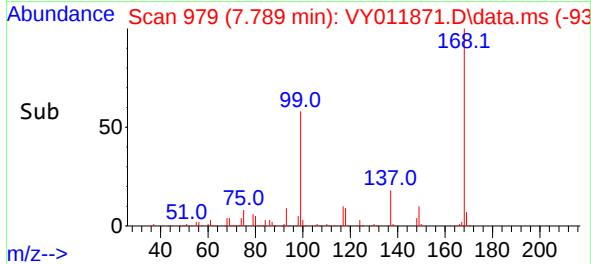
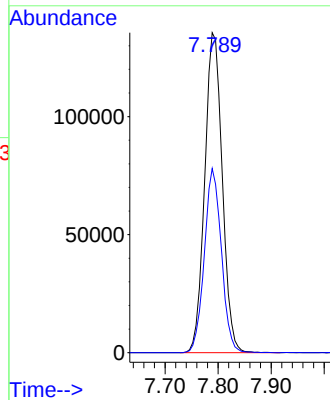
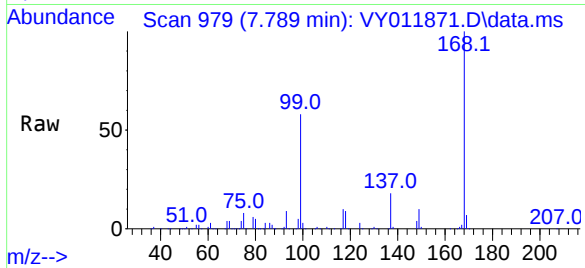




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

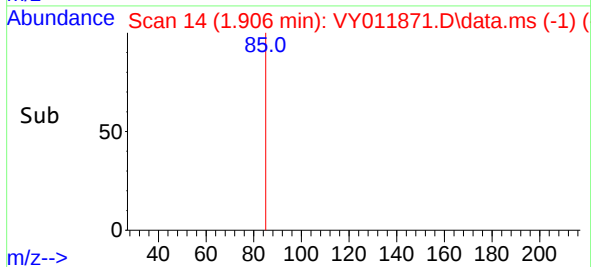
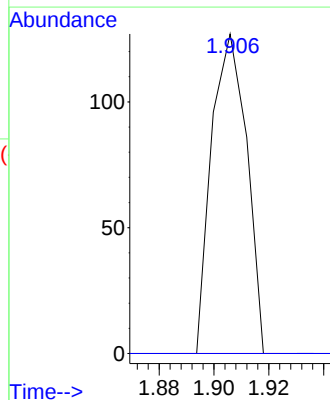
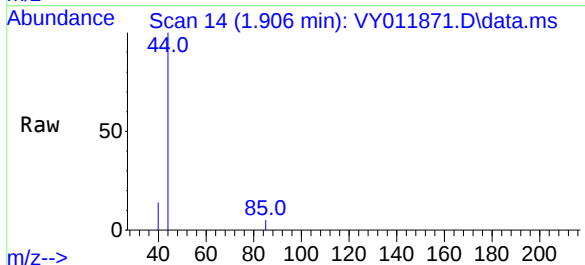
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

Tgt Ion:168 Resp: 311807
Ion Ratio Lower Upper
168 100
99 57.6 44.0 66.0

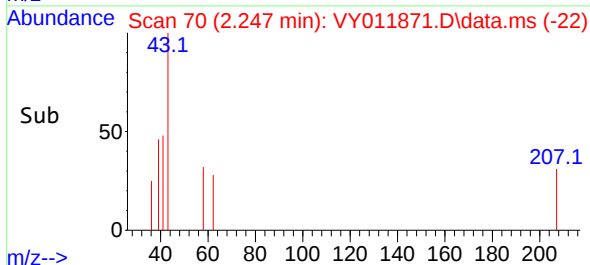
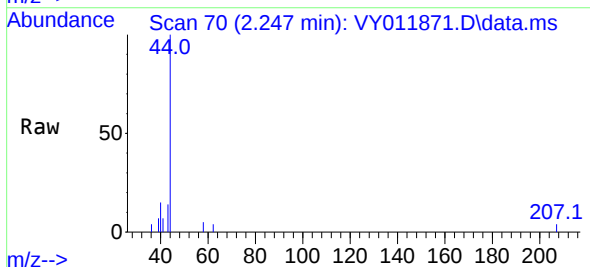
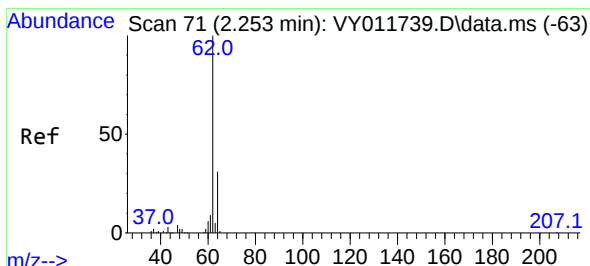
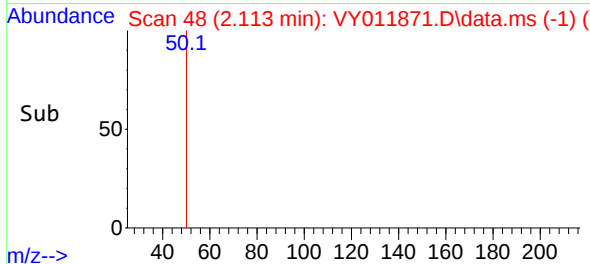
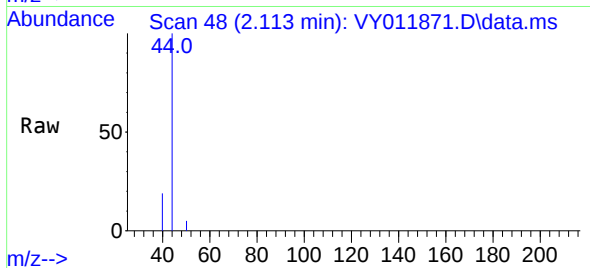
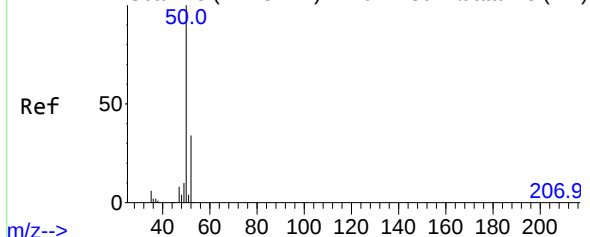


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 85 Resp: 113
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#



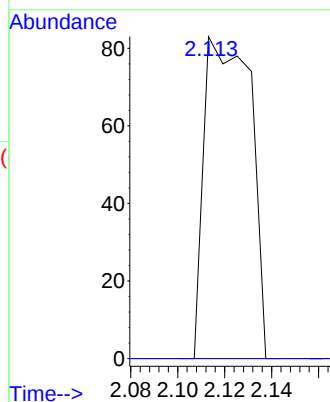
Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

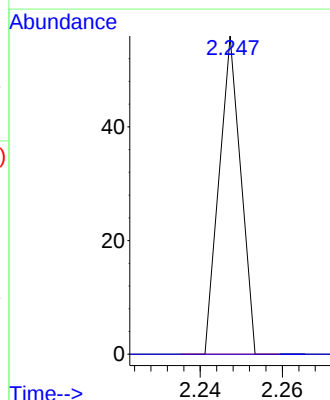
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

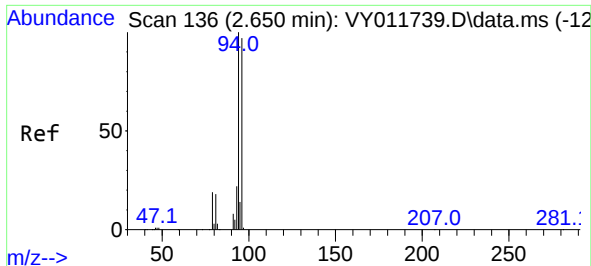
Tgt Ion: 50 Resp: 114
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 62 Resp: 20
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

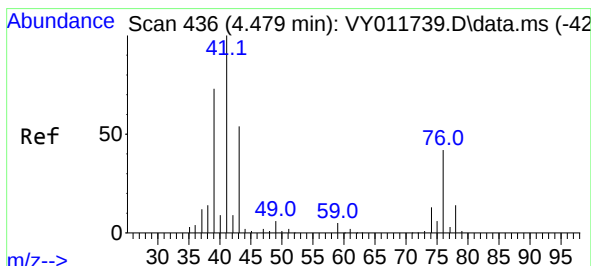
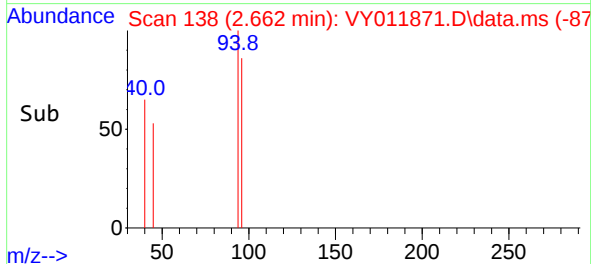
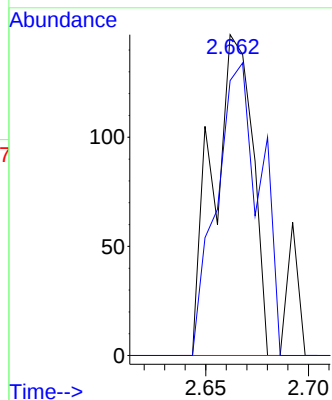
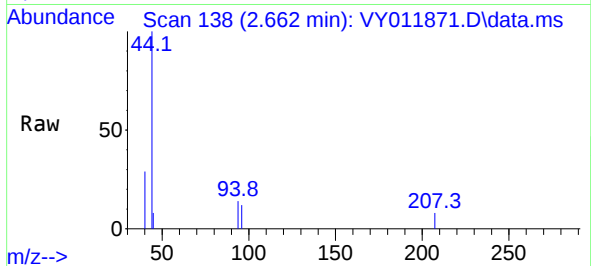




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

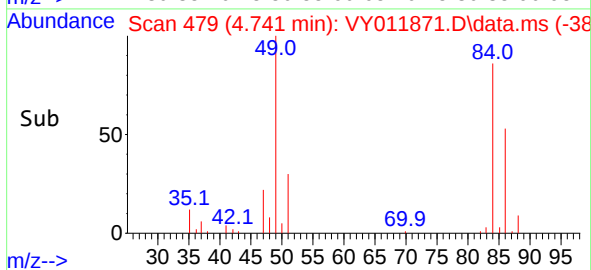
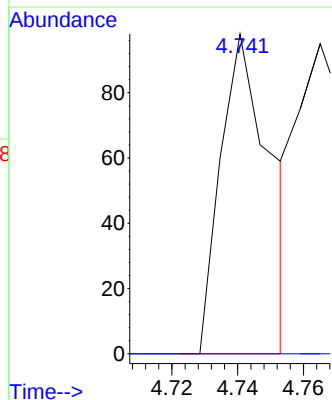
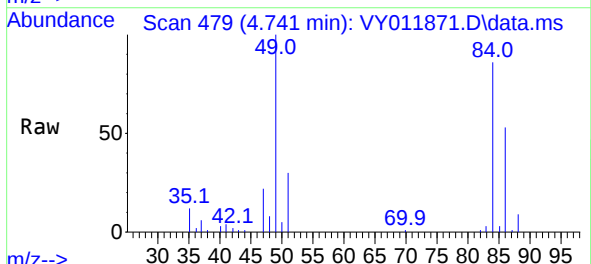
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

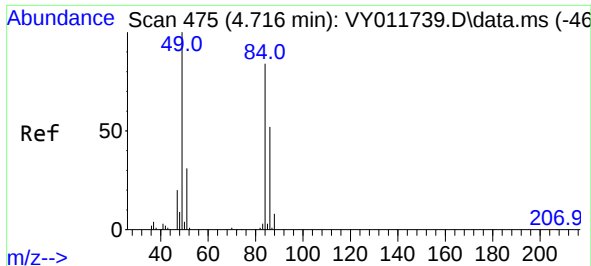
Tgt Ion: 94 Resp: 197
Ion Ratio Lower Upper
94 100
96 85.7 77.4 116.2



#18
Methyl Acetate
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.262 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



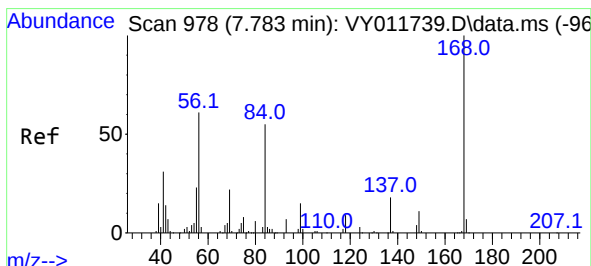
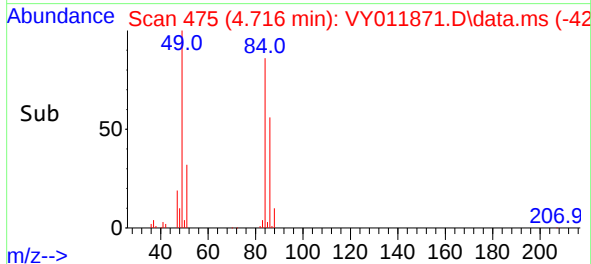
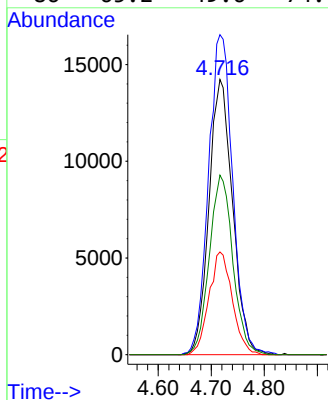
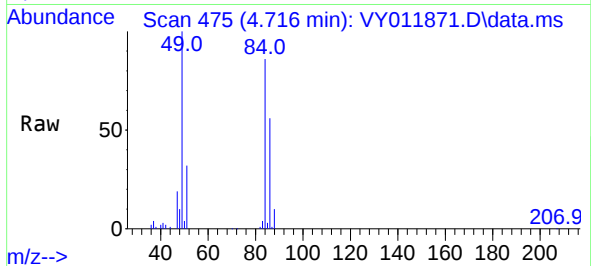


#20
Methylene Chloride
Concen: 9.837 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

Tgt Ion: 84 Resp: 44116

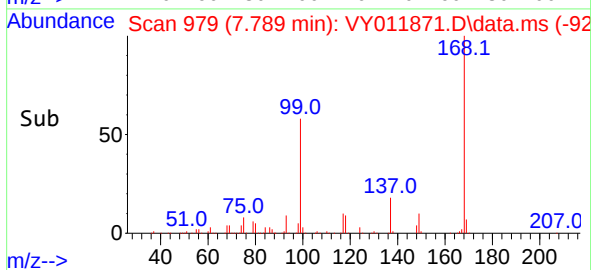
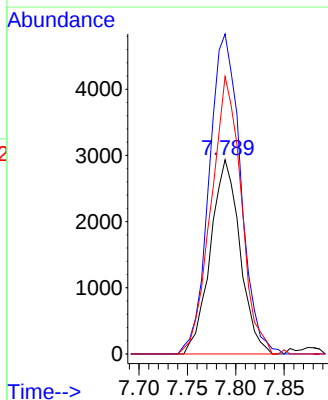
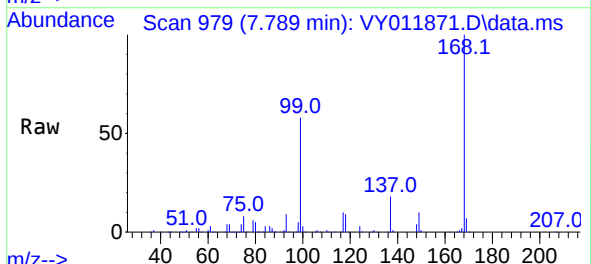
Ion	Ratio	Lower	Upper
84	100		
49	116.3	95.4	143.2
51	37.3	29.9	44.9
86	65.2	49.6	74.4

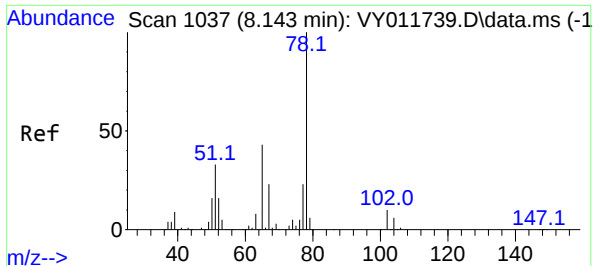


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 56 Resp: 6243

Ion	Ratio	Lower	Upper
56	100		
69	164.7	29.2	43.8#
84	142.8	72.6	108.8#

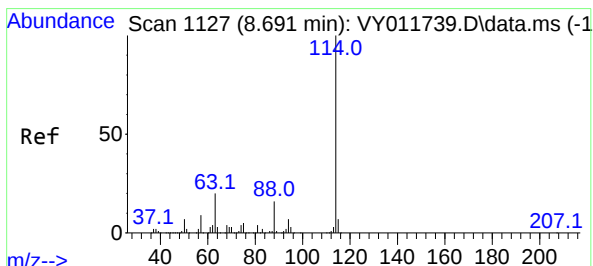
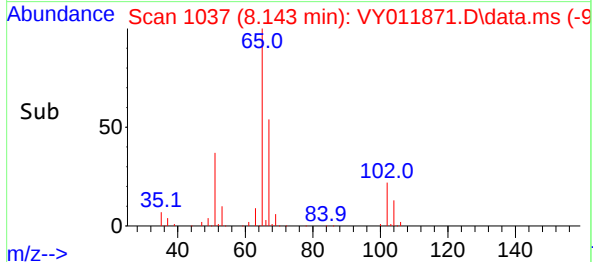
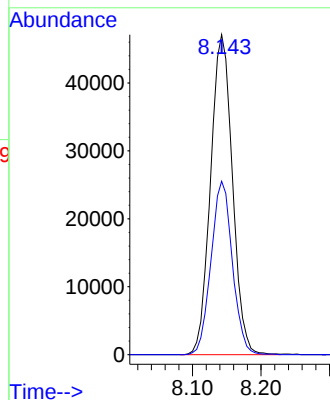
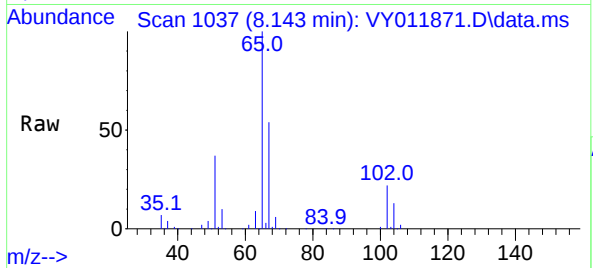




#33
1,2-Dichloroethane-d4
Concen: 48.918 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

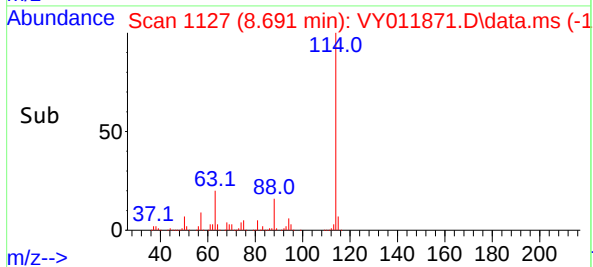
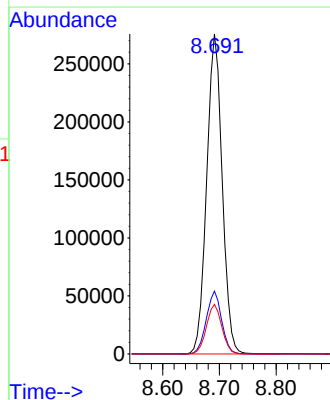
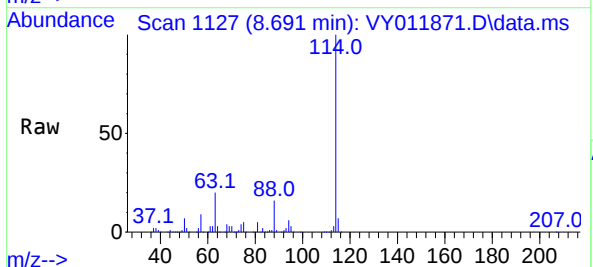
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

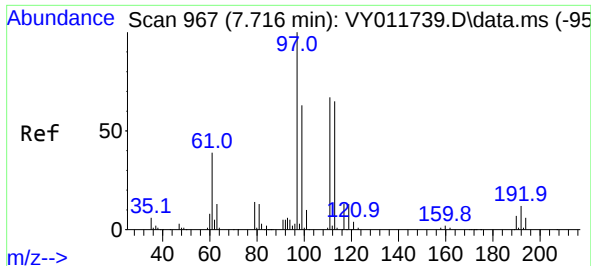
Tgt Ion: 65 Resp: 104305
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 114 Resp: 524044
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 15.5 0.0 32.2

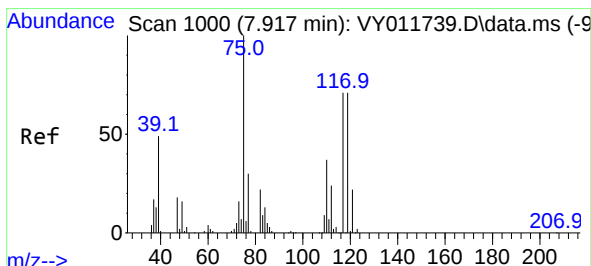
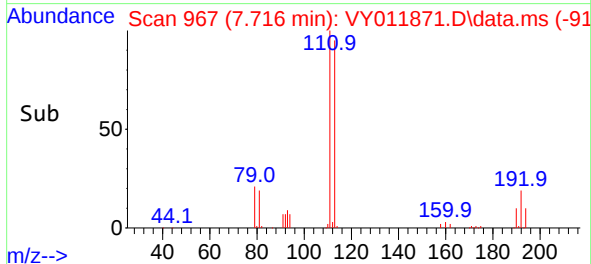
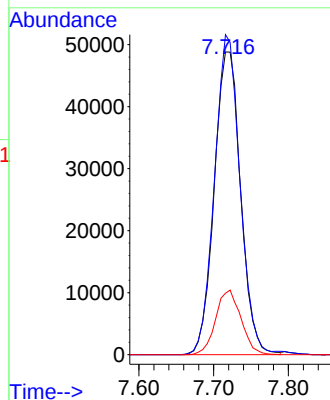
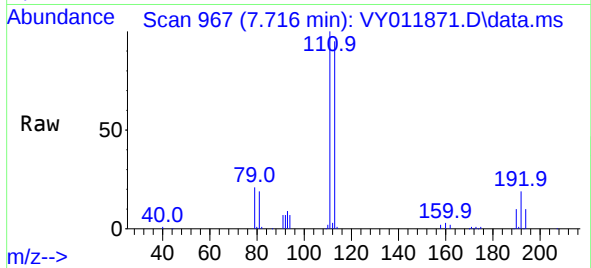




#35
Dibromofluoromethane
Concen: 51.774 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

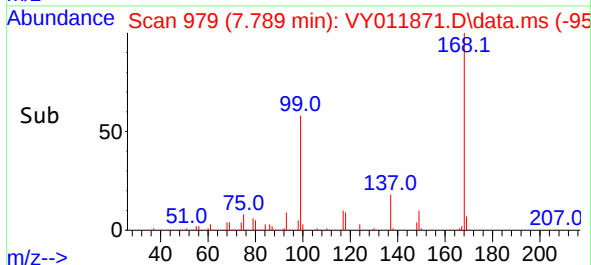
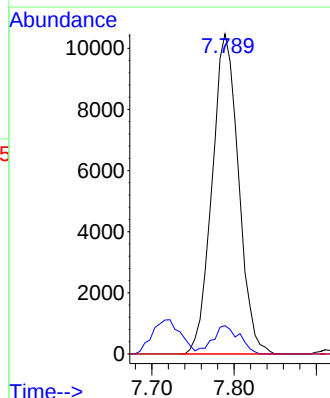
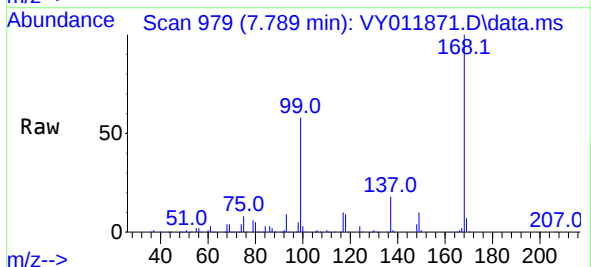
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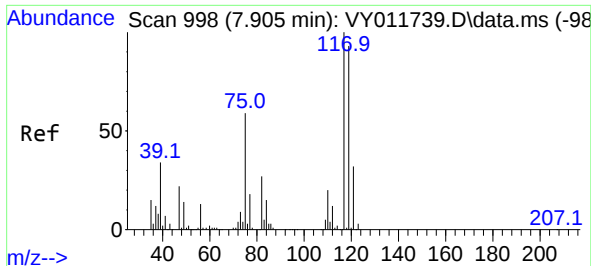
Tgt Ion:113 Resp: 120223
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 20.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 5.886 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 75 Resp: 23405
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.1#
77 0.0 25.1 37.7#

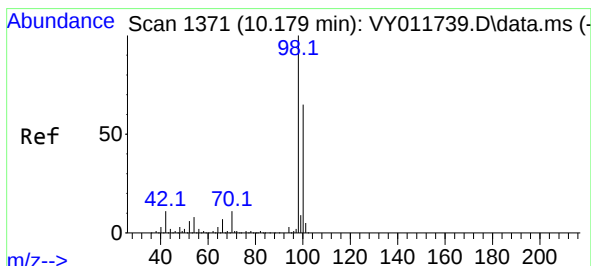
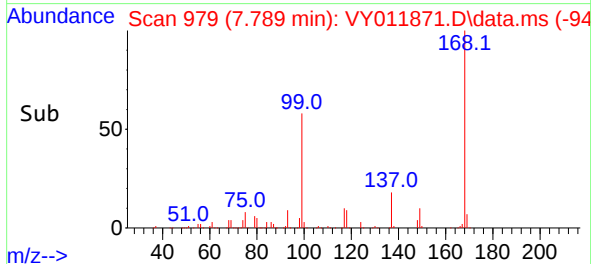
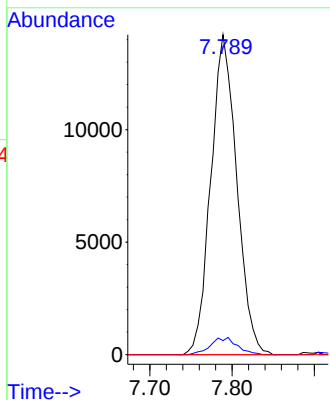
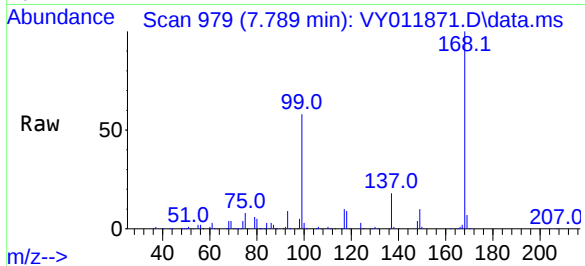




#38
Carbon Tetrachloride
Concen: 6.674 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

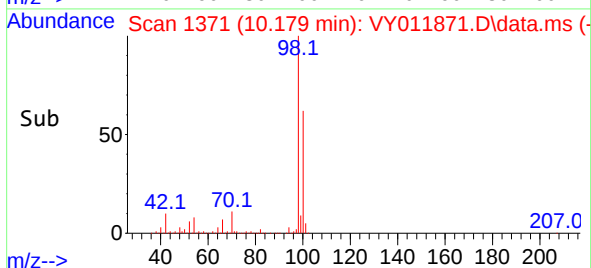
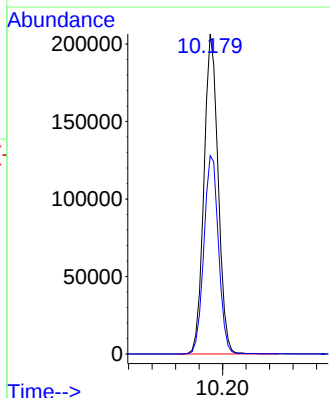
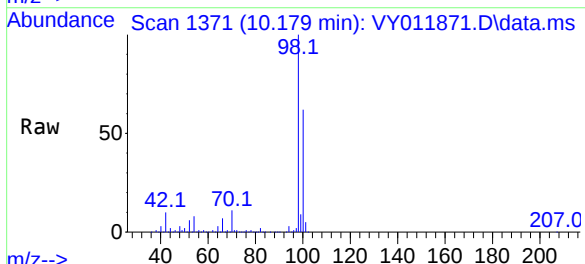
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

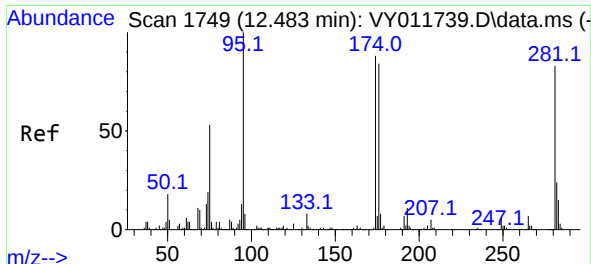
Tgt Ion:117 Resp: 31178
Ion Ratio Lower Upper
117 100
119 4.4 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 44.707 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 98 Resp: 346638
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

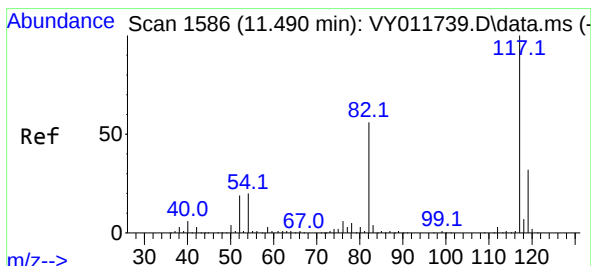
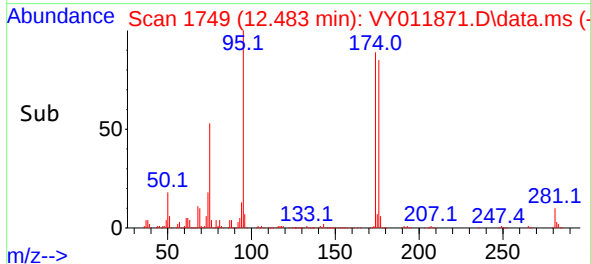
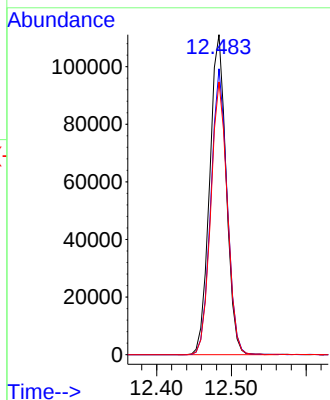
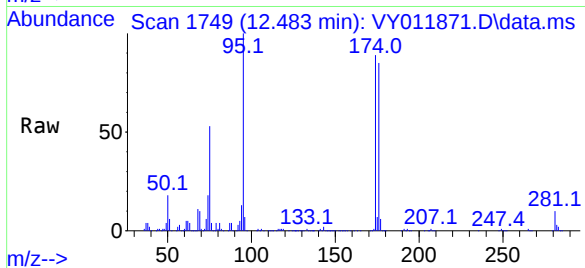




#62
4-Bromofluorobenzene
Concen: 56.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

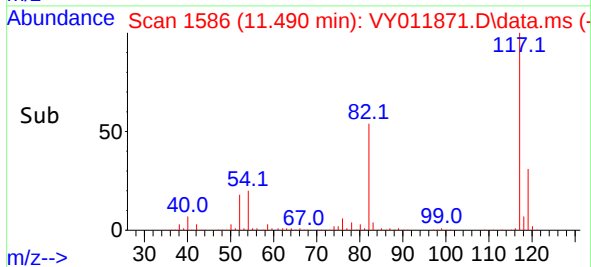
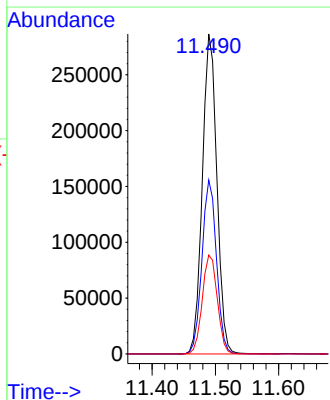
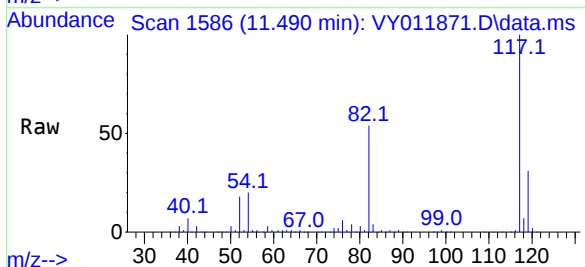
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

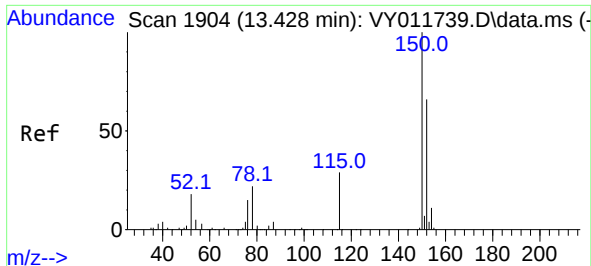
Tgt Ion: 95 Resp: 171052
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.0
176 84.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 117 Resp: 458949
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 30.9 25.4 38.2

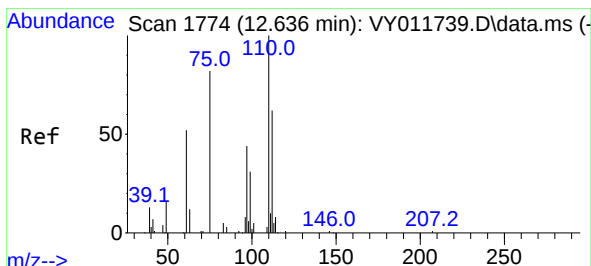
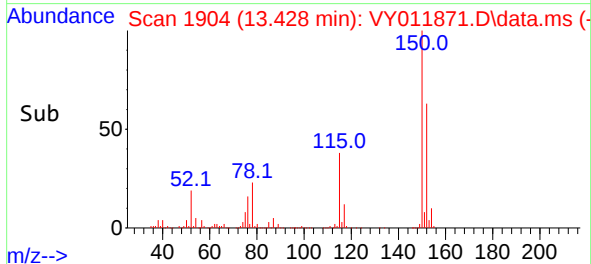
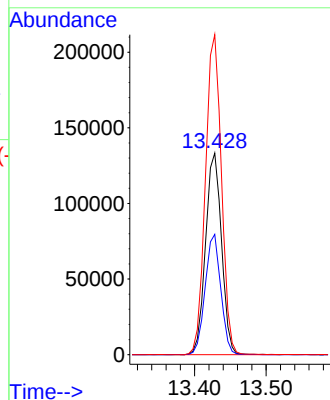
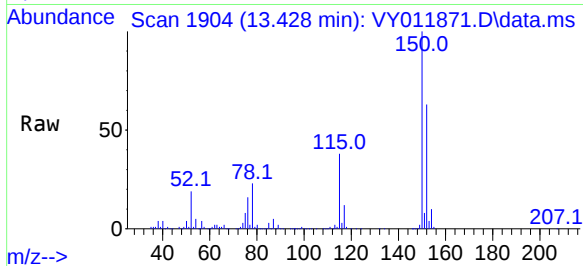




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011871.D
 Acq: 15 Dec 2022 14:59

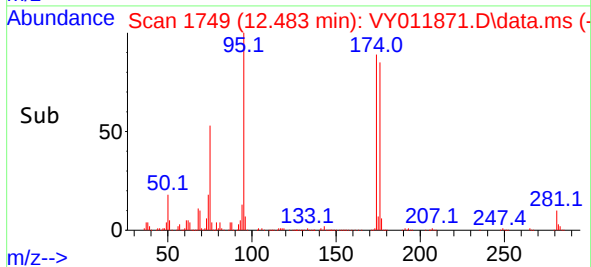
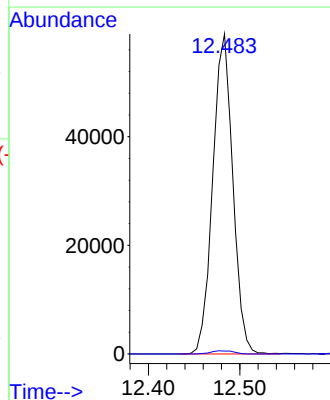
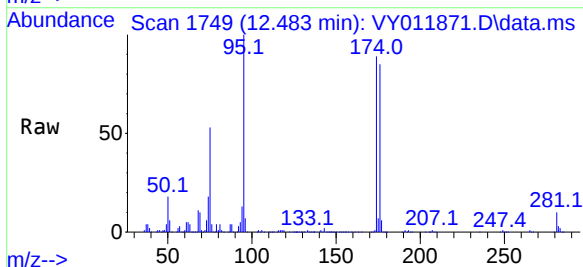
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-37-(3-5)

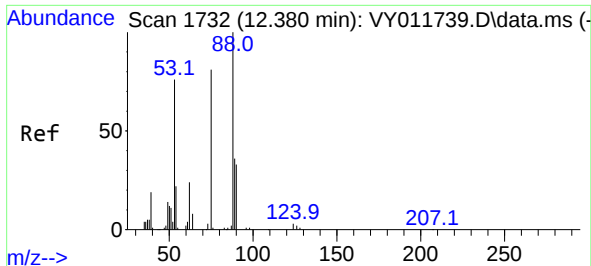
Tgt Ion:152 Resp: 207087
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.1 87.3
 150 159.0 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 42.805 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY011871.D
 Acq: 15 Dec 2022 14:59

Tgt Ion: 75 Resp: 89685
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 97.134 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

Tgt Ion: 75 Resp: 89685
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

