

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011843.D
 Acq On : 14 Dec 2022 14:26
 Operator : KP/MD
 Sample : N6037-12RE
 Misc : 4.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-23-(0.5-2.5)RE

Quant Time: Dec 15 01:20:09 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	20630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	31881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	26667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7954	57.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.380%
35) Dibromofluoromethane	7.716	113	4901	33.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.600%
50) Toluene-d8	10.179	98	21581	45.931	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.860%
62) 4-Bromofluorobenzene	12.483	95	8098	43.189	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.380%

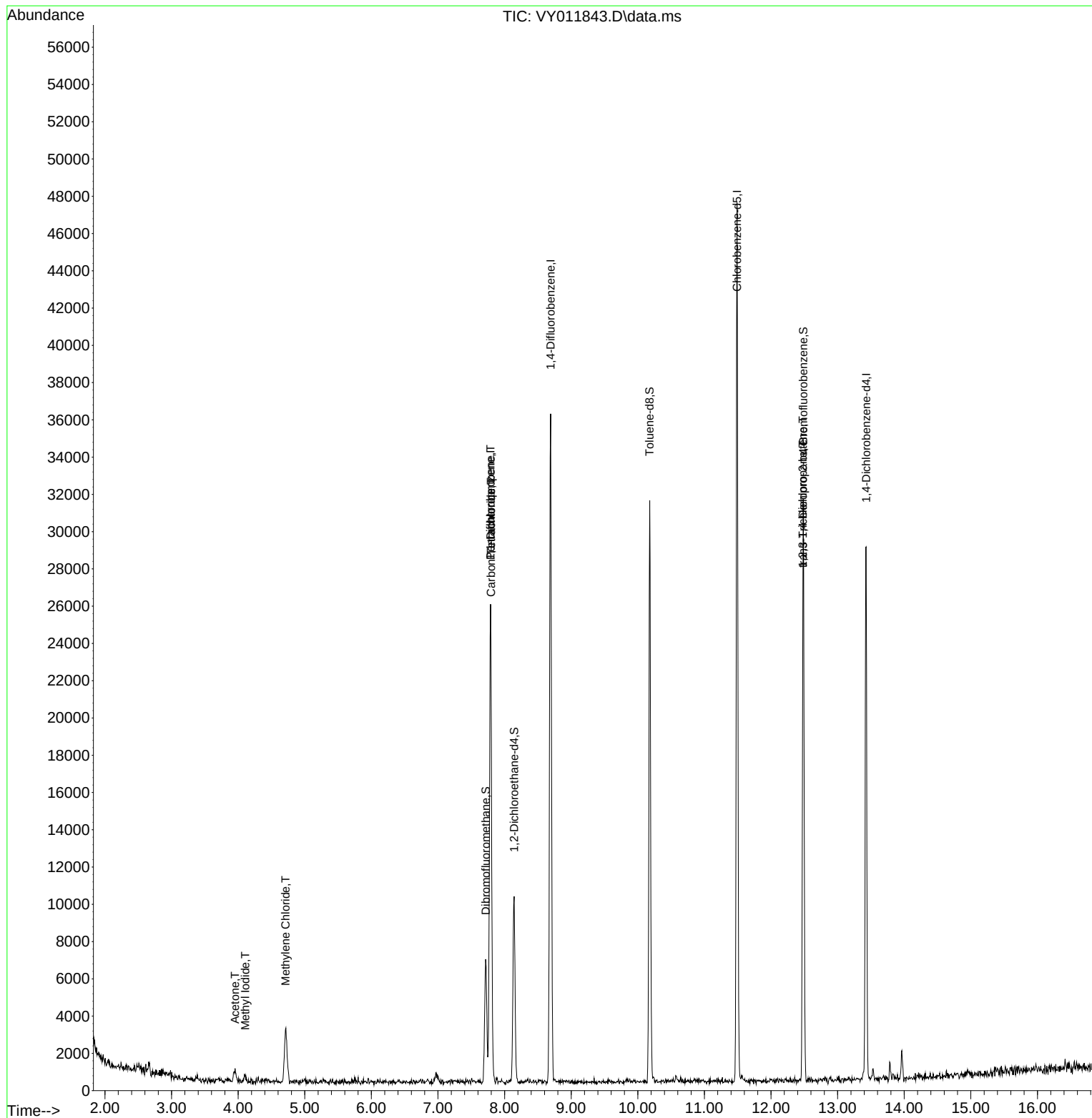
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.113	50	84	Below Cal	#	41
5) Bromomethane	2.656	94	159	Below Cal	#	42
10) Methyl Iodide	4.107	142	476	2.401	ug/l #	52
16) Acetone	3.954	43	1054	18.711	ug/l	90
20) Methylene Chloride	4.710	84	2184	5.685	ug/l #	83
31) Cyclohexane	7.777	56	312	Below Cal	#	48
36) 1,1-Dichloropropene	7.789	75	1655	6.841	ug/l #	41
38) Carbon Tetrachloride	7.795	117	2024	7.122	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	4170	49.802	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4170	113.011	ug/l #	13

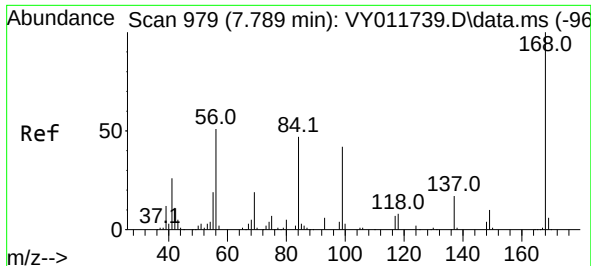
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
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RB-23-(0.5-2.5)RE

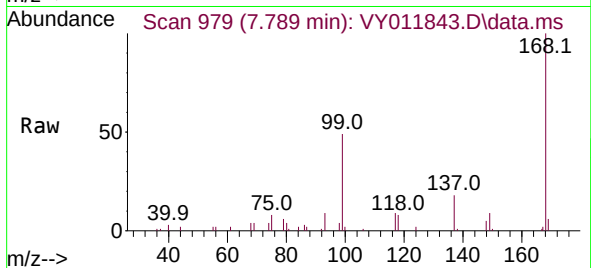
Quant Time: Dec 15 01:20:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
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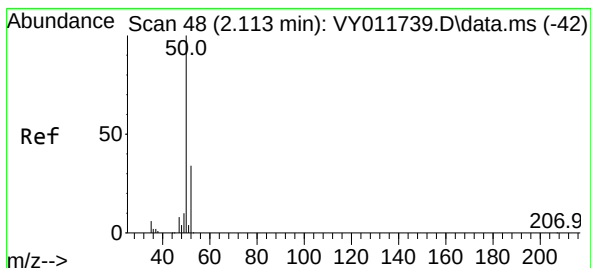
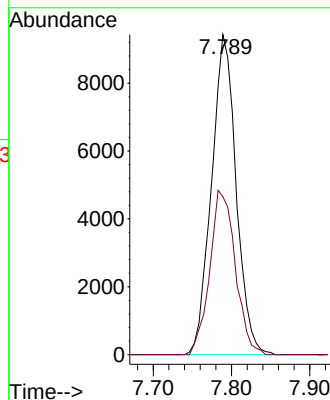
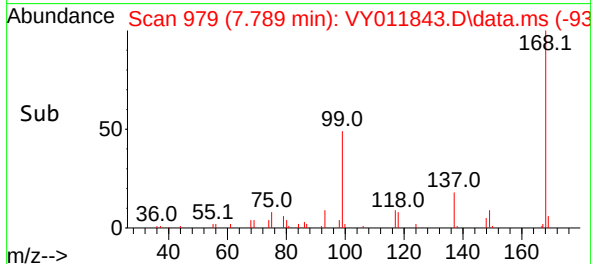


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(0.5-2.5)RE

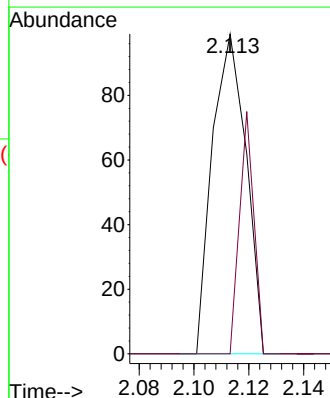
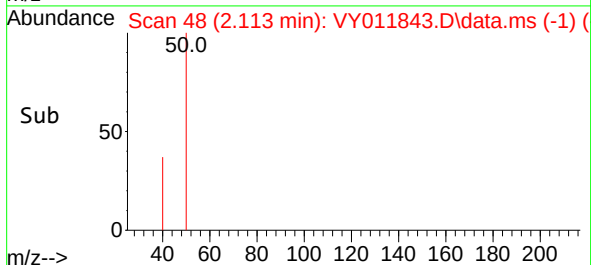
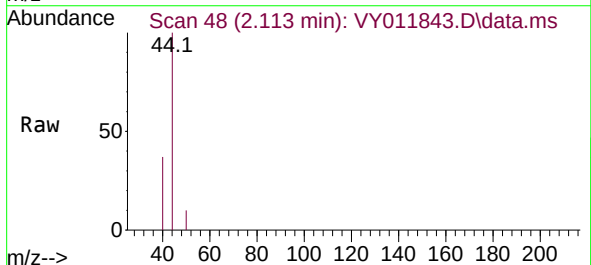


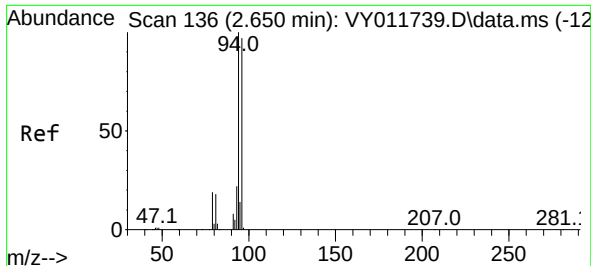
Tgt Ion:168 Resp: 20630
Ion Ratio Lower Upper
168 100
99 49.3 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Tgt Ion: 50 Resp: 84
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

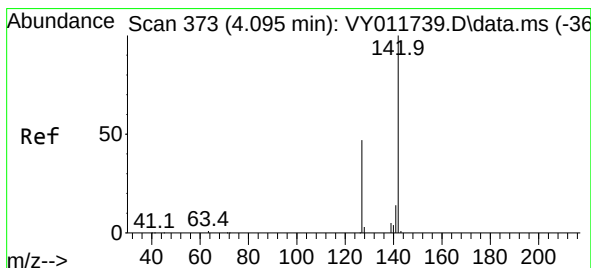
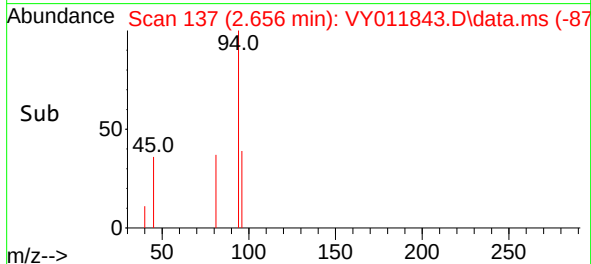
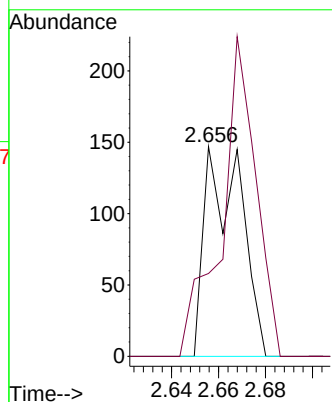
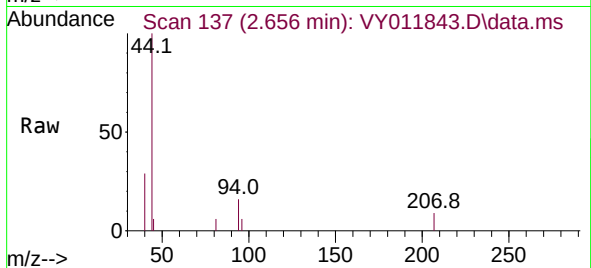




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

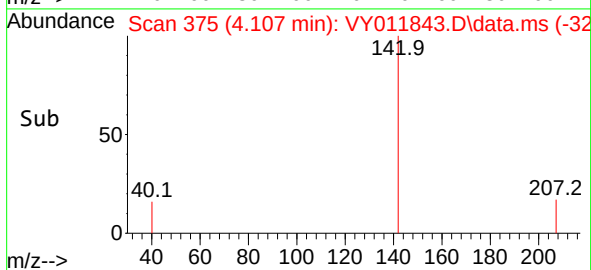
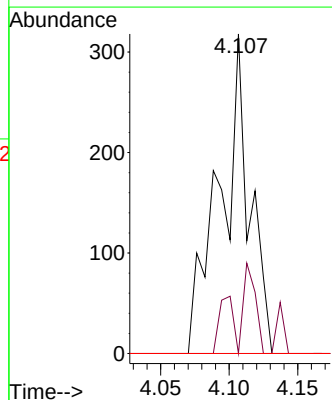
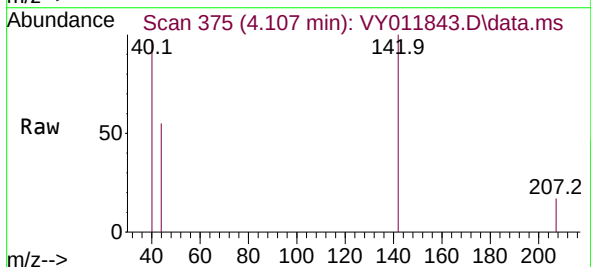
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(0.5-2.5)RE

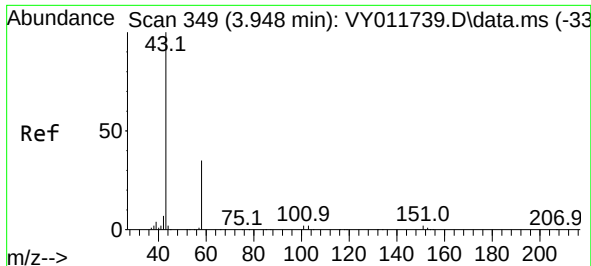
Tgt Ion: 94 Resp: 159
Ion Ratio Lower Upper
94 100
96 39.5 77.4 116.2#



#10
Methyl Iodide
Concen: 2.401 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Tgt Ion:142 Resp: 476
Ion Ratio Lower Upper
142 100
127 11.6 37.0 55.4#
141 0.0 11.4 17.0#

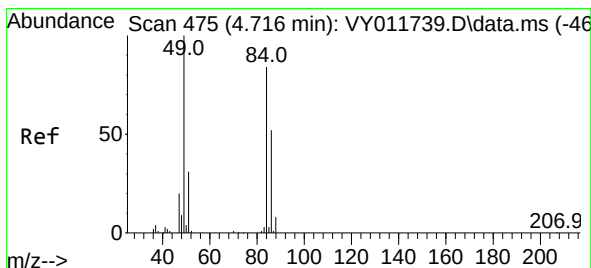
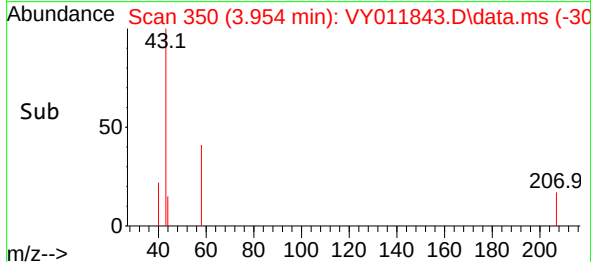
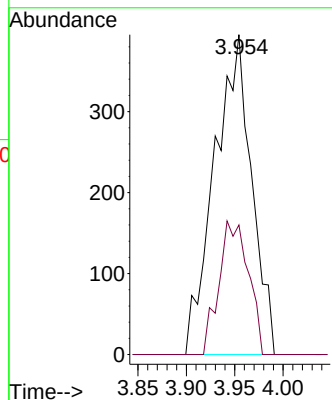
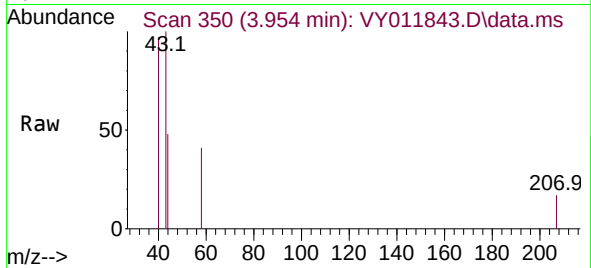




#16
Acetone
Concen: 18.711 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

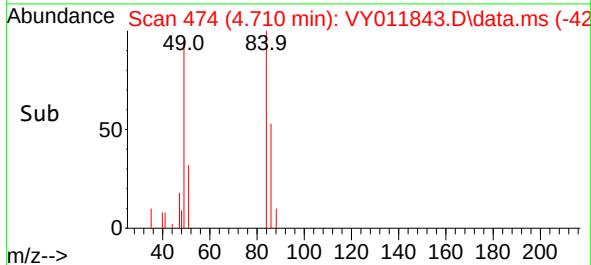
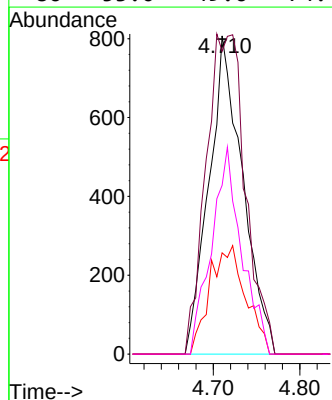
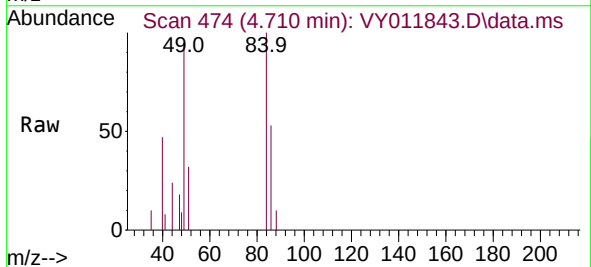
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(0.5-2.5)RE

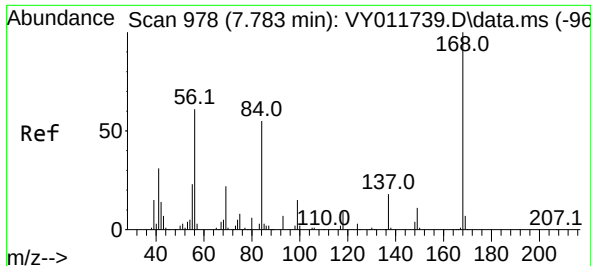
Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 40.5 27.9 41.9



#20
Methylene Chloride
Concen: 5.685 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Tgt Ion: 84 Resp: 2184
Ion Ratio Lower Upper
84 100
49 95.2 95.4 143.2#
51 31.8 29.9 44.9
86 53.0 49.6 74.4

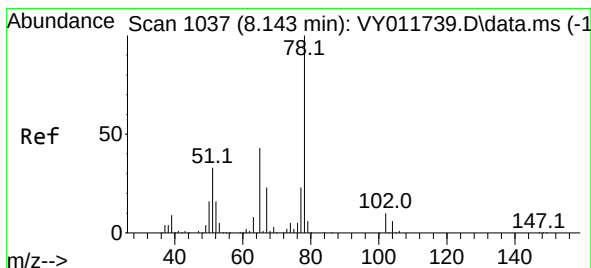
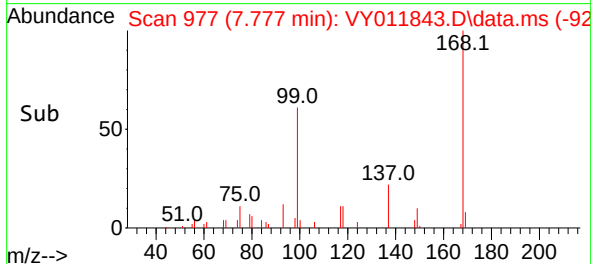
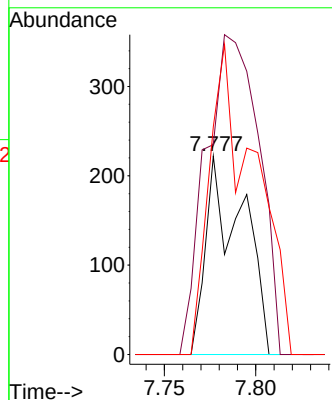
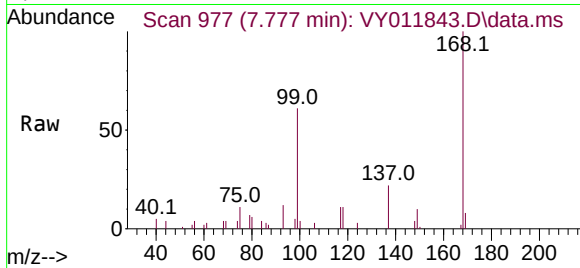




#31
Cyclohexane
Concen: Below Cal
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

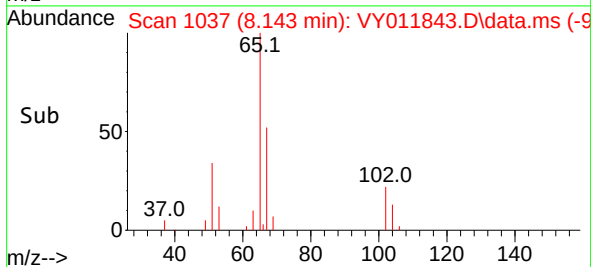
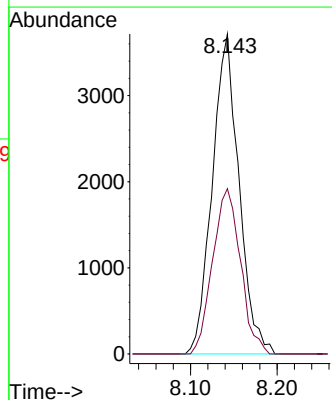
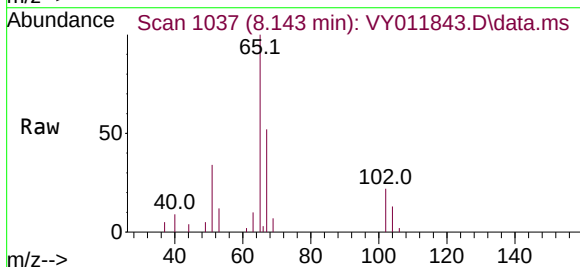
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(0.5-2.5)RE

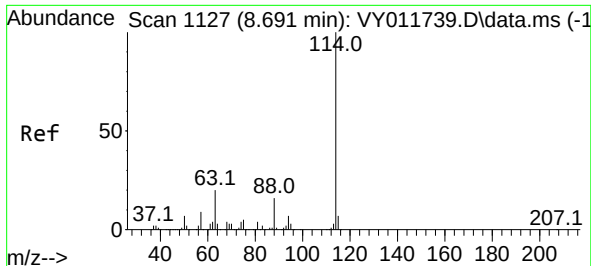
Tgt Ion: 56 Resp: 312
Ion Ratio Lower Upper
56 100
69 105.9 29.2 43.8#
84 114.9 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 57.190 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Tgt Ion: 65 Resp: 7954
Ion Ratio Lower Upper
65 100
67 53.9 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: VY011843.D

Acq: 14 Dec 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

RB-23-(0.5-2.5)RE

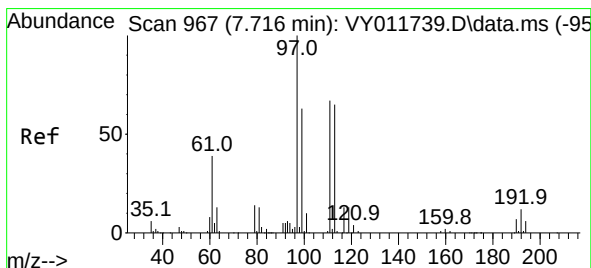
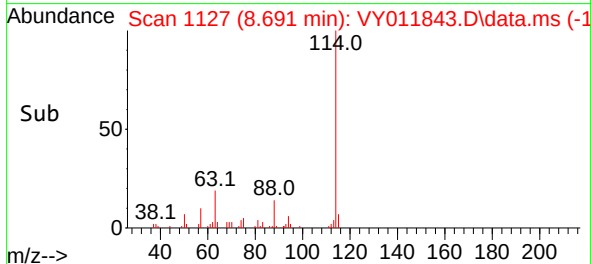
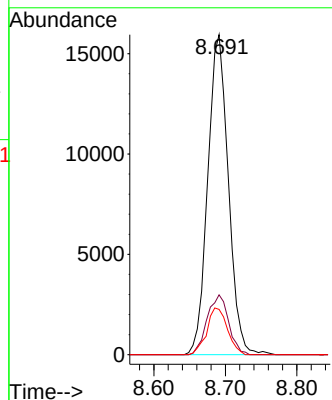
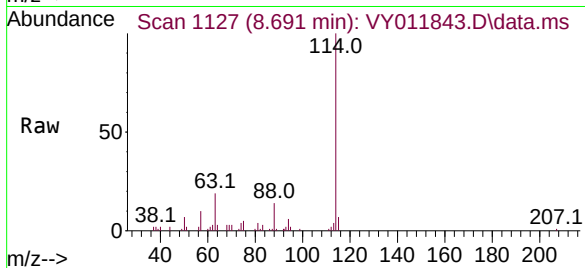
Tgt Ion:114 Resp: 31881

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 14.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 33.302 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011843.D

Acq: 14 Dec 2022 14:26

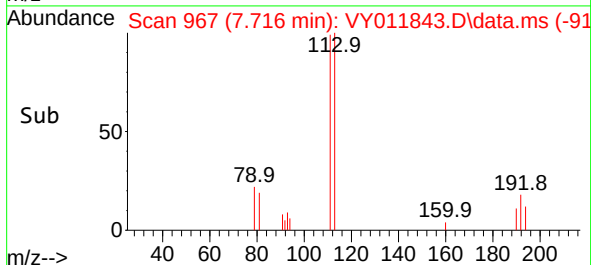
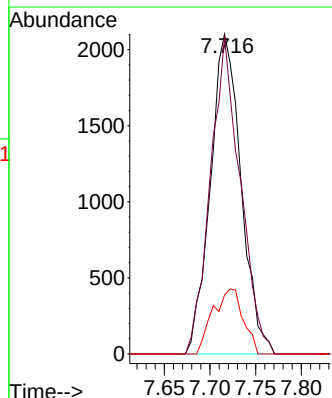
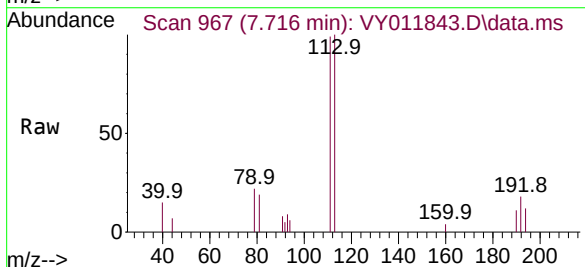
Tgt Ion:113 Resp: 4901

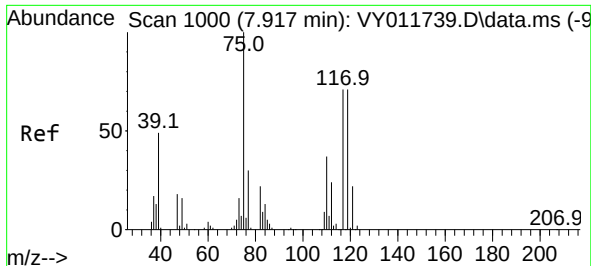
Ion Ratio Lower Upper

113 100

111 96.4 83.0 124.4

192 20.0 16.0 24.0

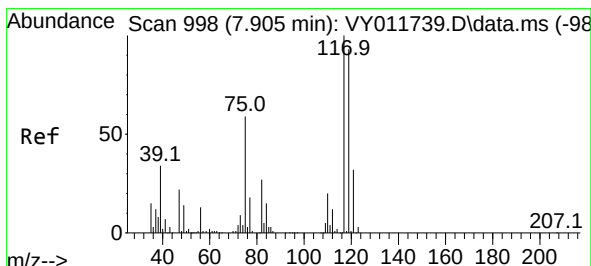
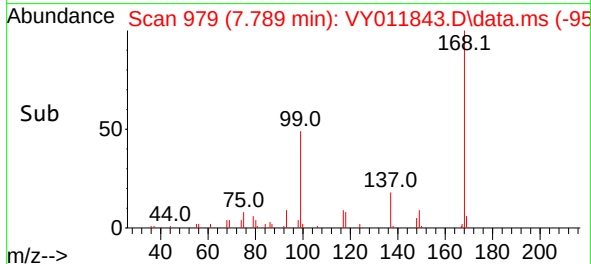
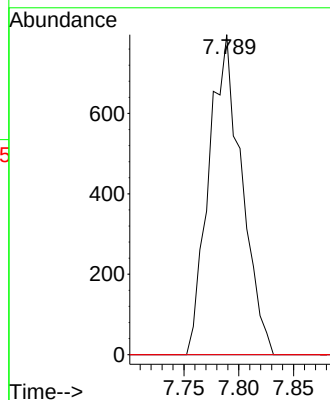
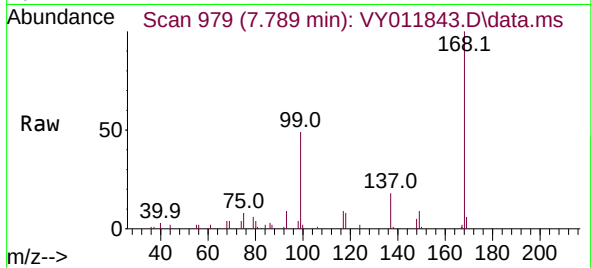




#36
1,1-Dichloropropene
Concen: 6.841 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

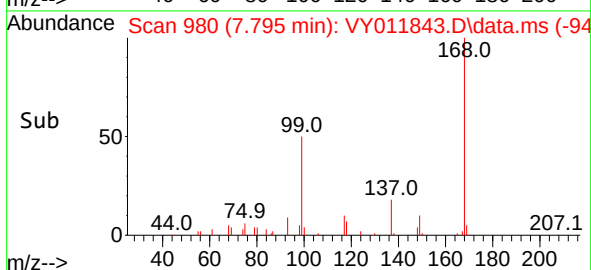
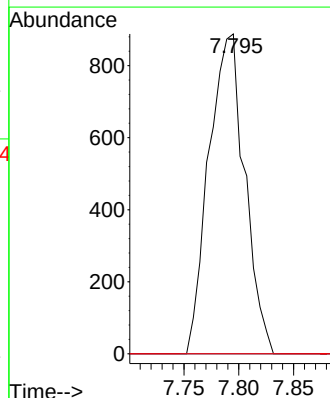
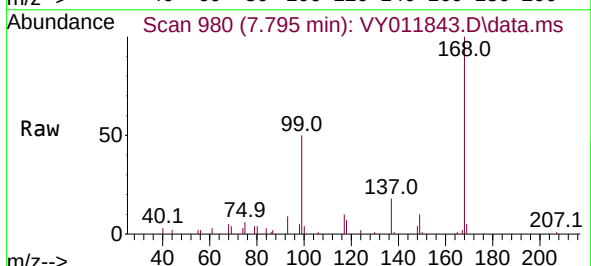
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RB-23-(0.5-2.5)RE

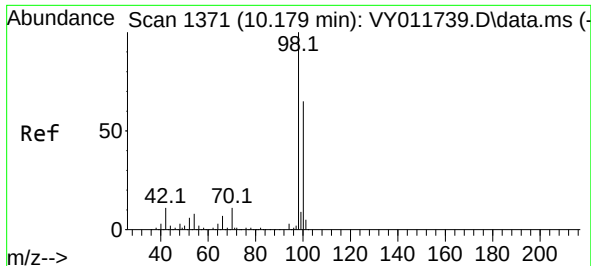
Tgt Ion: 75 Resp: 1655
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.122 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Tgt Ion: 117 Resp: 2024
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#

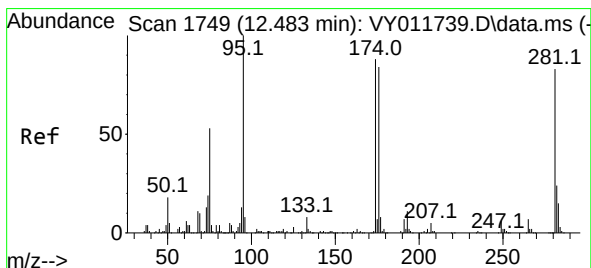
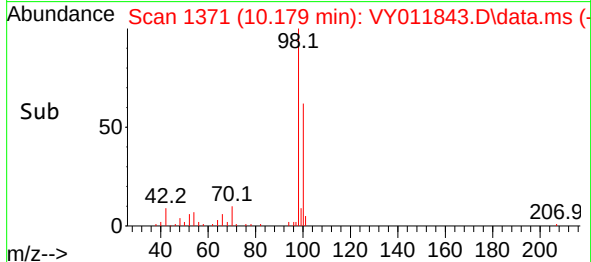
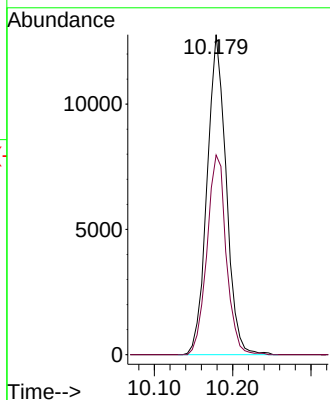
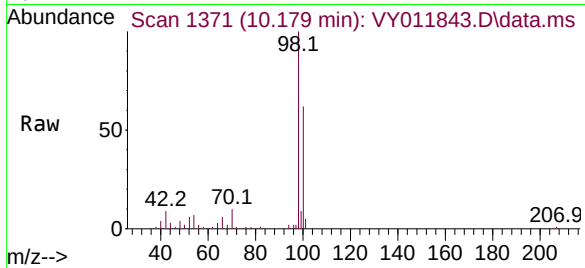




#50
Toluene-d8
Concen: 45.931 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

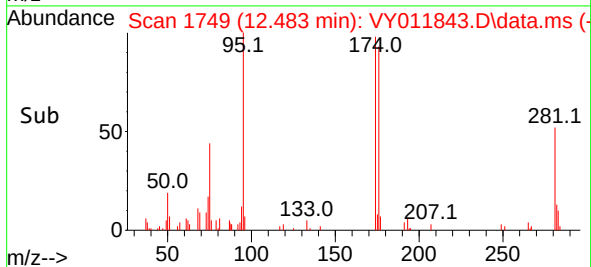
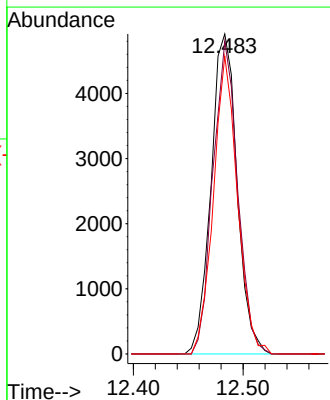
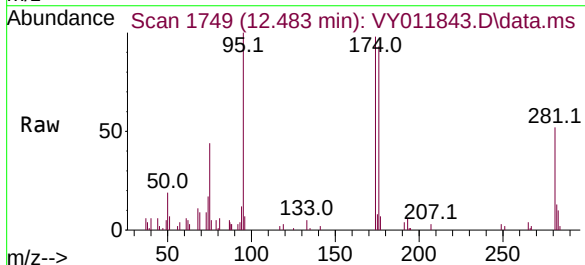
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(0.5-2.5)RE

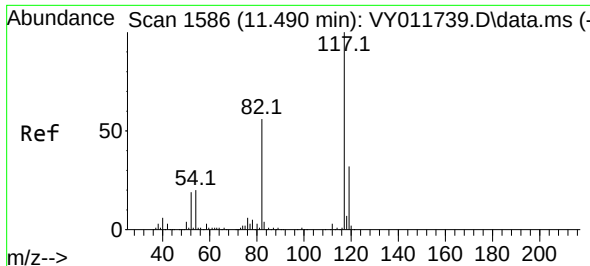
Tgt Ion: 98 Resp: 21581
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.189 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Tgt Ion: 95 Resp: 8098
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.0
176 86.0 0.0 167.6

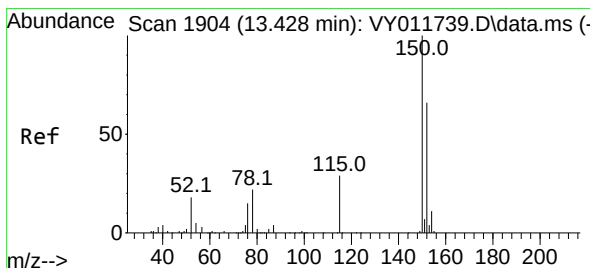
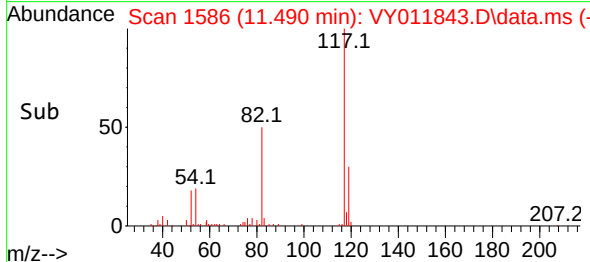
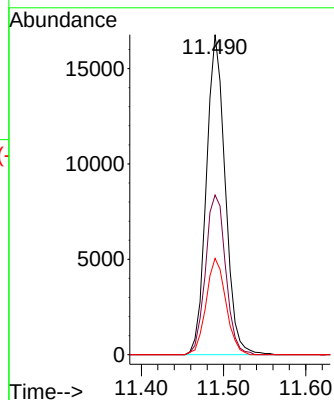
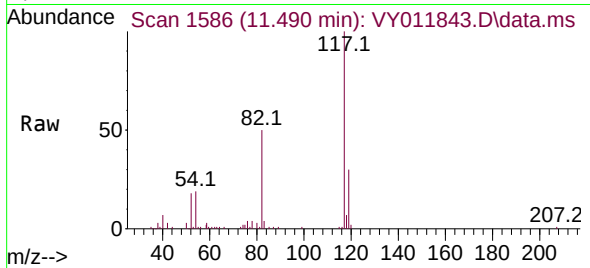




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

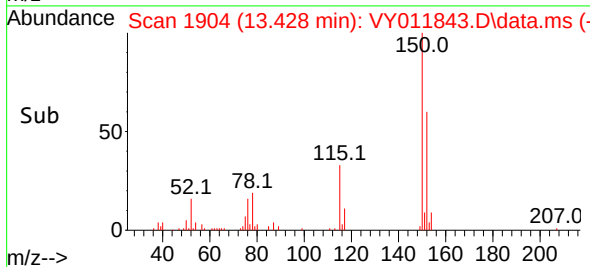
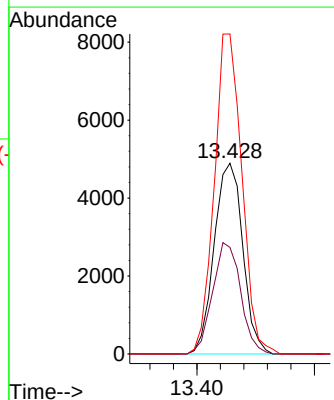
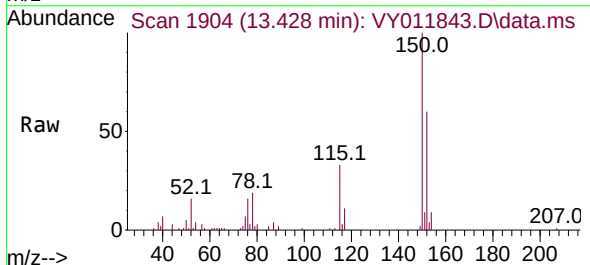
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(0.5-2.5)RE

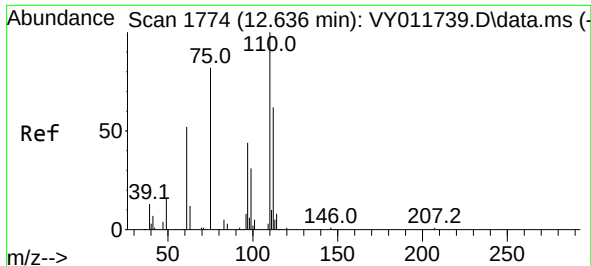
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.9	44.8	67.2
119	30.1	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.1	87.3
150	161.6	0.0	342.6

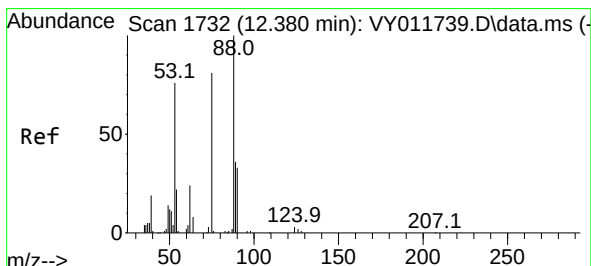
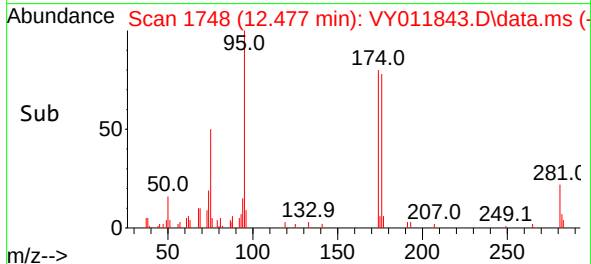
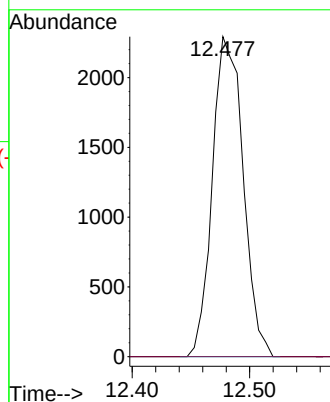
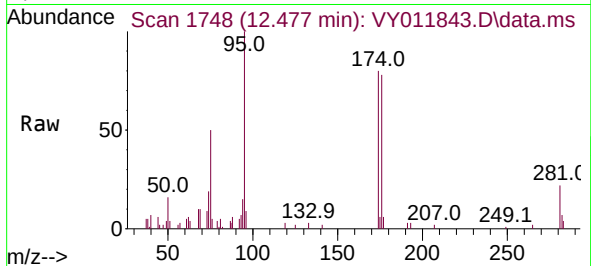




#76
1,2,3-Trichloropropane
Concen: 49.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(0.5-2.5)RE

Tgt Ion: 75 Resp: 4170
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 113.011 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Tgt Ion: 75 Resp: 4170
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

