

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011872.D
 Acq On : 15 Dec 2022 15:22
 Operator : KP/MD
 Sample : N6038-18
 Misc : 3.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-38-(0-2)

Quant Time: Dec 16 00:14:47 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	118988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	186611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50044	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	41445	51.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.300%
35) Dibromofluoromethane	7.722	113	48067	58.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.300%
50) Toluene-d8	10.179	98	126652	46.071	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.140%
62) 4-Bromofluorobenzene	12.483	95	48777	44.589	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.180%

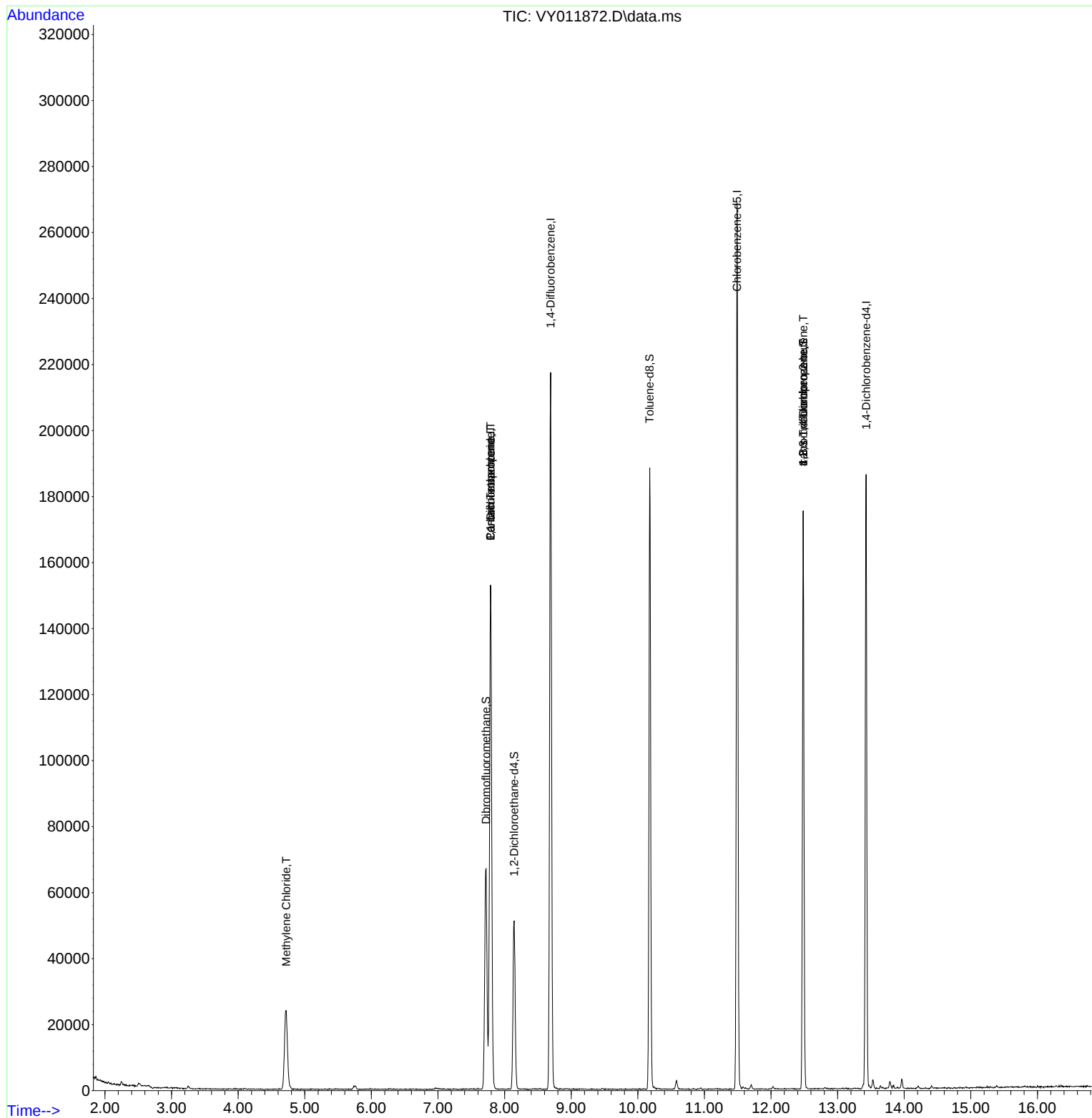
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.113	50	102	Below Cal	#	41
4) Vinyl Chloride	2.387	62	29	Below Cal	#	43
5) Bromomethane	2.662	94	148	Below Cal	#	53
18) Methyl Acetate	4.515	43	20	Below Cal	#	50
20) Methylene Chloride	4.722	84	18701	11.665	ug/l	95
31) Cyclohexane	7.789	56	2516	Below Cal	#	9
36) 1,1-Dichloropropene	7.789	75	8880	6.271	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	12058	7.249	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	25097	49.568	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	25097	112.480	ug/l	# 13

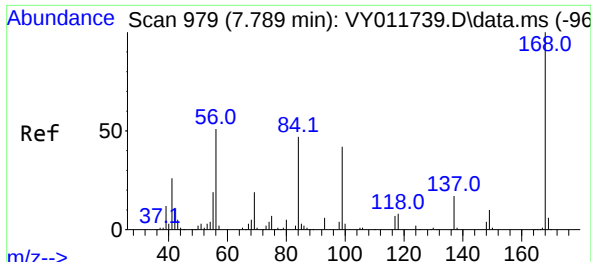
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
Data File : VY011872.D
Acq On : 15 Dec 2022 15:22
Operator : KP/MD
Sample : N6038-18
Misc : 3.96g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

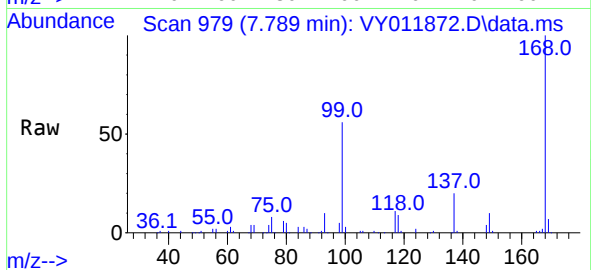
Quant Time: Dec 16 00:14:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration



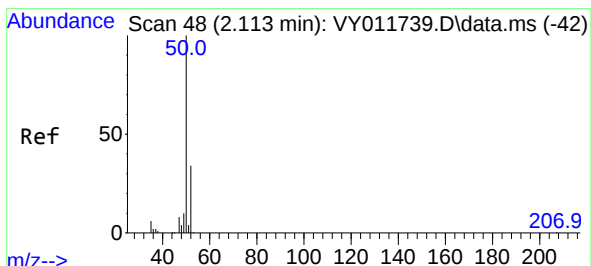
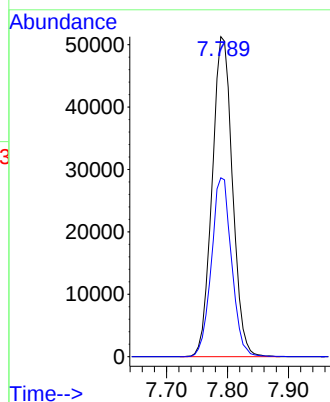
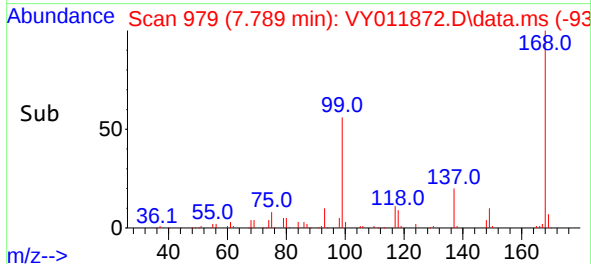


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

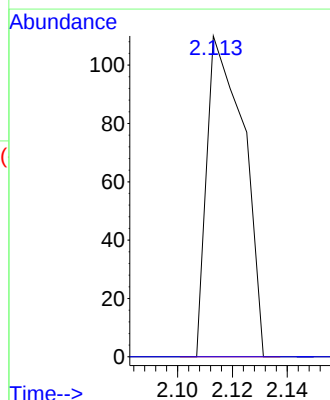
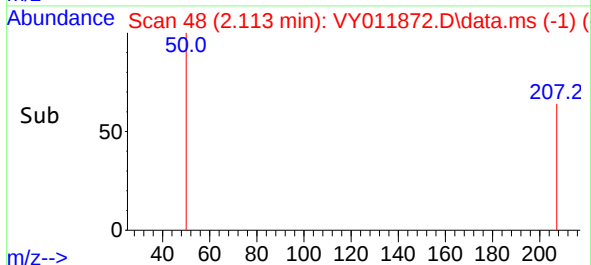
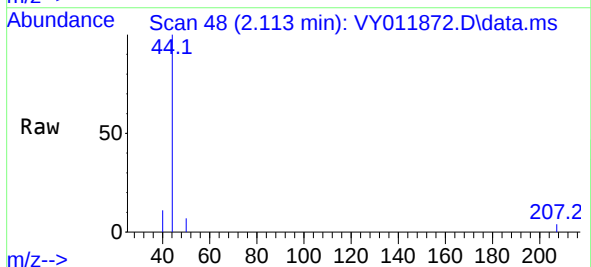


Tgt Ion:168 Resp: 118988
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0

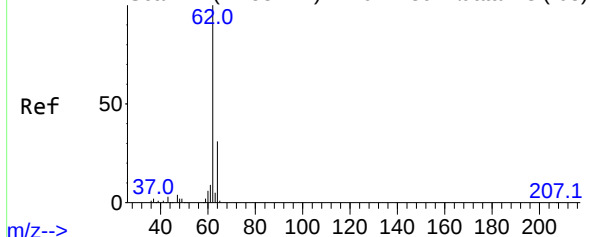


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Tgt Ion: 50 Resp: 102
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



Abundance Scan 71 (2.253 min): VY011739.D\data.ms (-63)

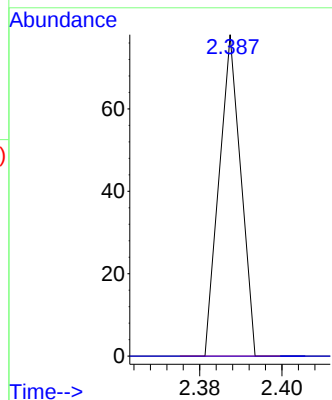
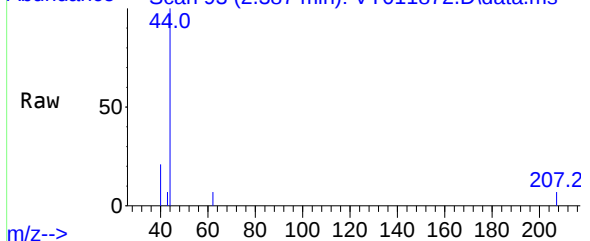


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.387 min Scan# 91
Delta R.T. 0.134 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

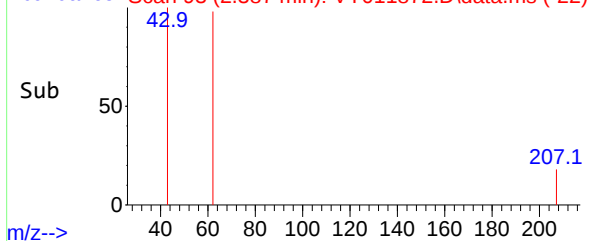
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

Tgt Ion: 62 Resp: 29
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

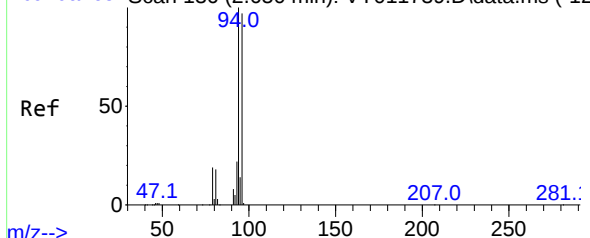
Abundance Scan 93 (2.387 min): VY011872.D\data.ms



Abundance Scan 93 (2.387 min): VY011872.D\data.ms (-22)



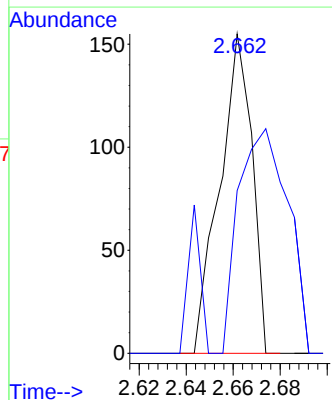
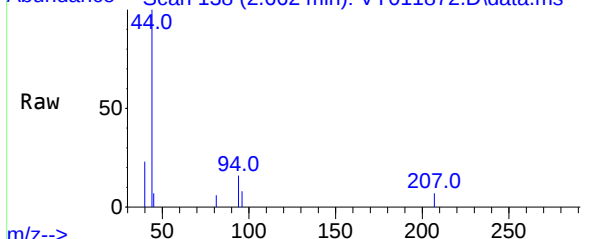
Abundance Scan 136 (2.650 min): VY011739.D\data.ms (-12)



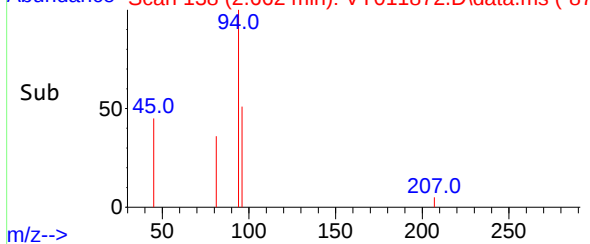
#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

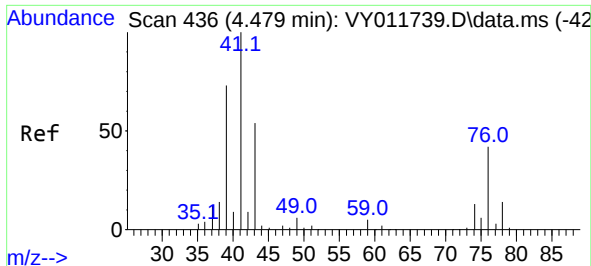
Tgt Ion: 94 Resp: 148
Ion Ratio Lower Upper
94 100
96 51.0 77.4 116.2#

Abundance Scan 138 (2.662 min): VY011872.D\data.ms



Abundance Scan 138 (2.662 min): VY011872.D\data.ms (-87)

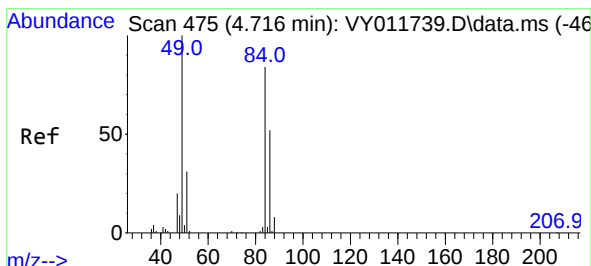
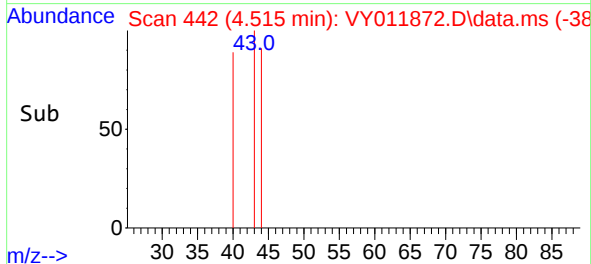
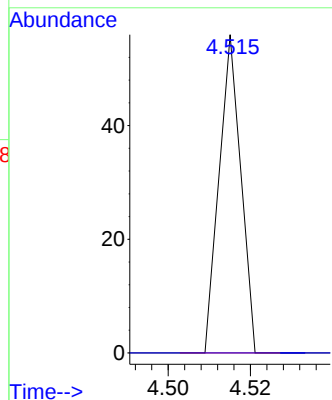
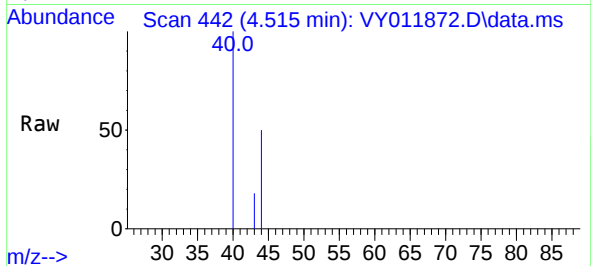




#18
Methyl Acetate
Concen: Below Cal
RT: 4.515 min Scan# 442
Delta R.T. 0.036 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

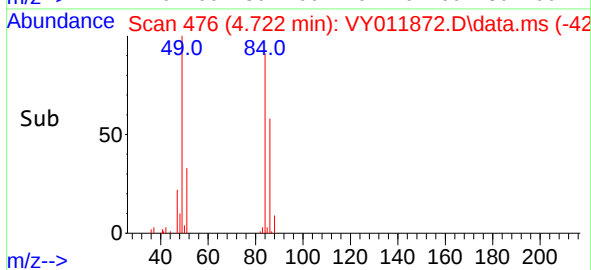
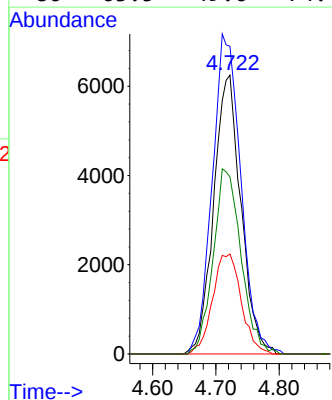
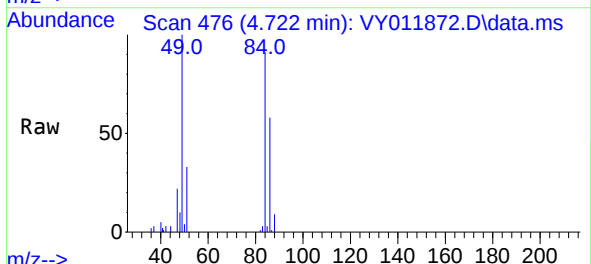
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

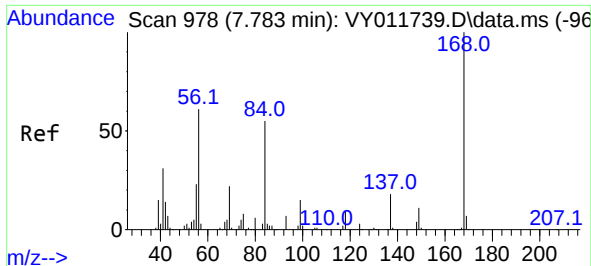
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: 11.665 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Tgt Ion: 84 Resp: 18701
Ion Ratio Lower Upper
84 100
49 110.4 95.4 143.2
51 35.9 29.9 44.9
86 63.5 49.6 74.4

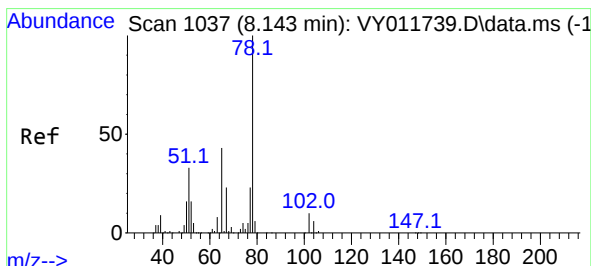
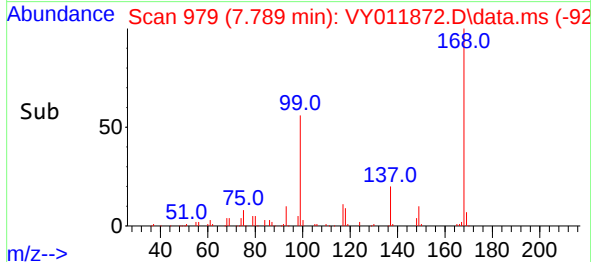
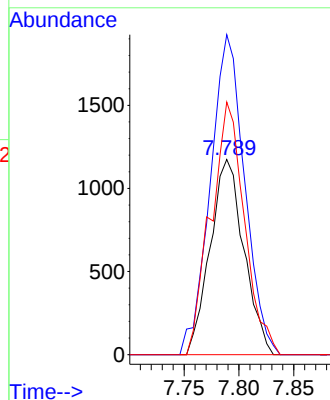
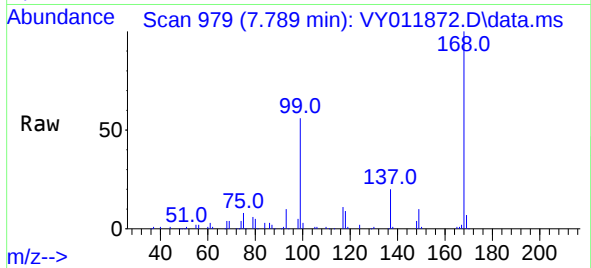




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

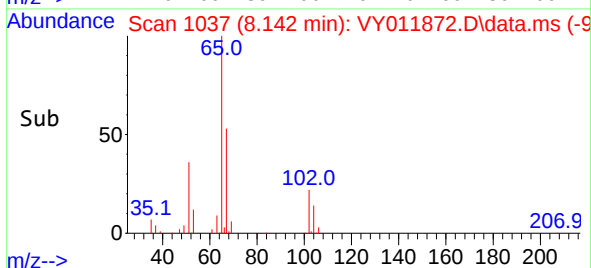
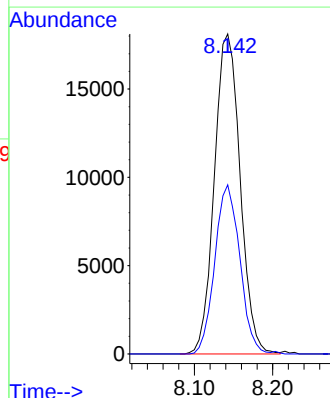
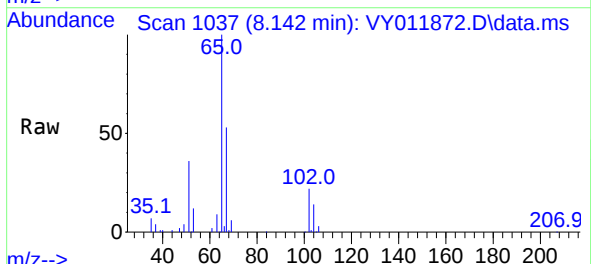
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

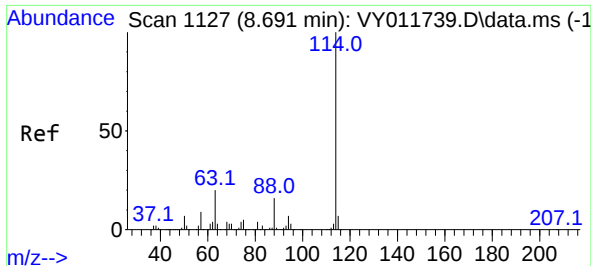
Tgt Ion: 56 Resp: 2516
Ion Ratio Lower Upper
56 100
69 164.0 29.2 43.8#
84 129.5 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 51.154 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Tgt Ion: 65 Resp: 41445
Ion Ratio Lower Upper
65 100
67 51.4 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: VY011872.D

Acq: 15 Dec 2022 15:22

Instrument :

MSVOA_Y

ClientSampleId :

RB-38-(0-2)

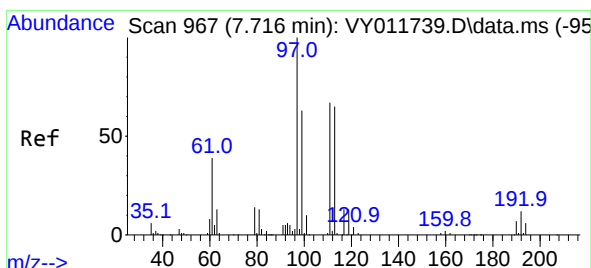
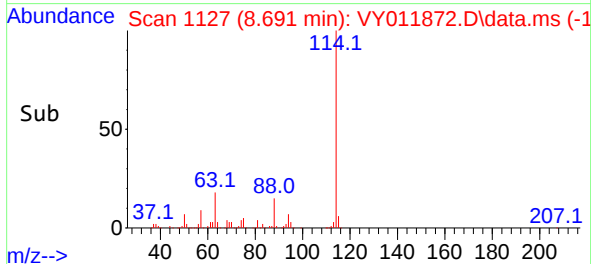
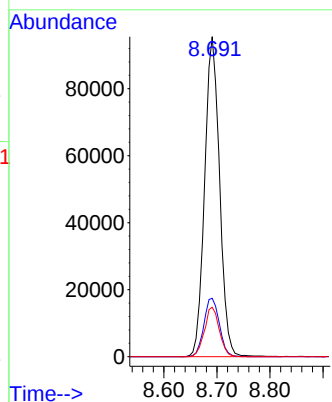
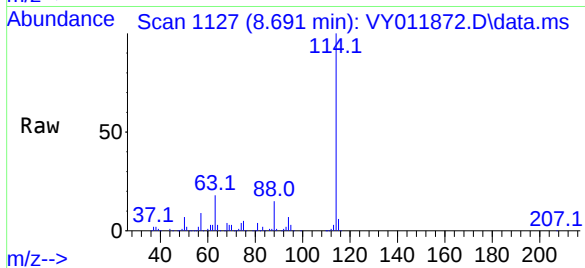
Tgt Ion:114 Resp: 186611

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 58.647 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011872.D

Acq: 15 Dec 2022 15:22

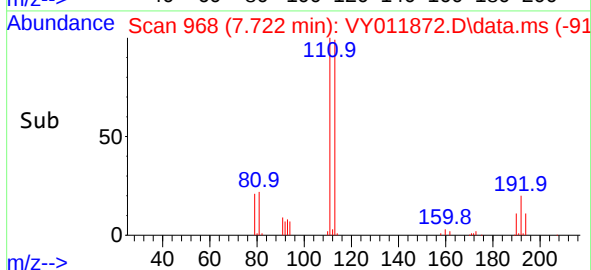
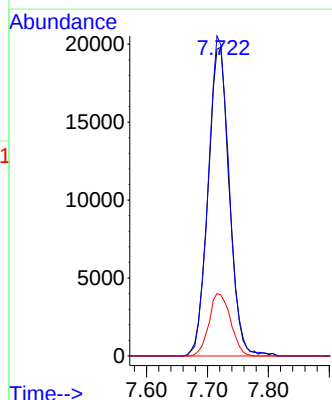
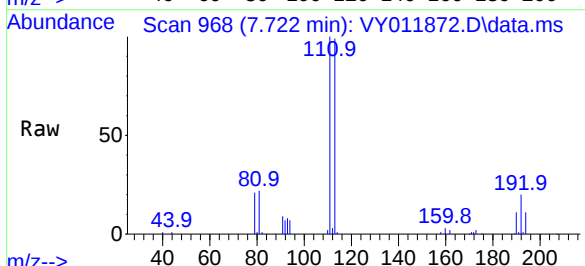
Tgt Ion:113 Resp: 48067

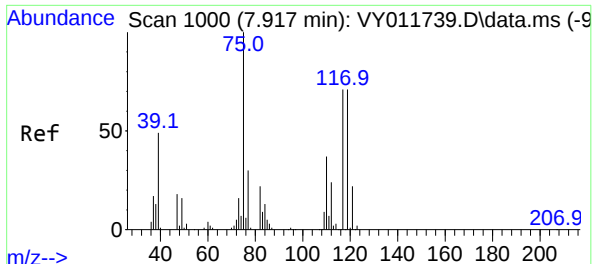
Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.4

192 20.4 16.0 24.0





#36

1,1-Dichloropropene

Concen: 6.271 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011872.D

Acq: 15 Dec 2022 15:22

Instrument :

MSVOA_Y

ClientSampleId :

RB-38-(0-2)

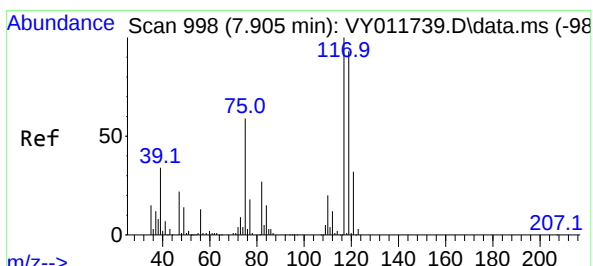
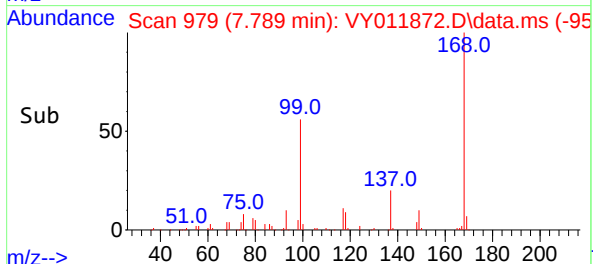
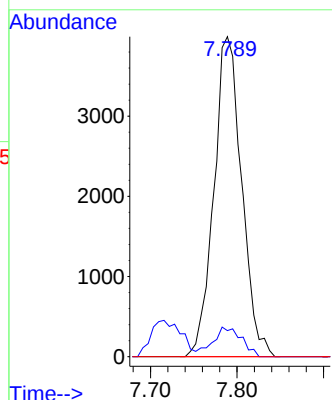
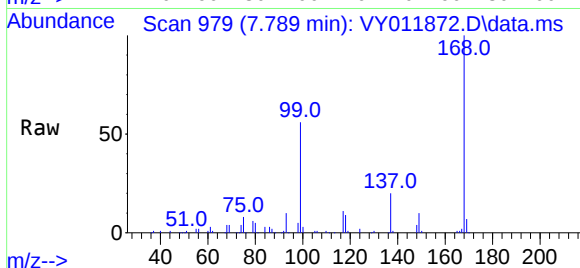
Tgt Ion: 75 Resp: 8880

Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.249 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011872.D

Acq: 15 Dec 2022 15:22

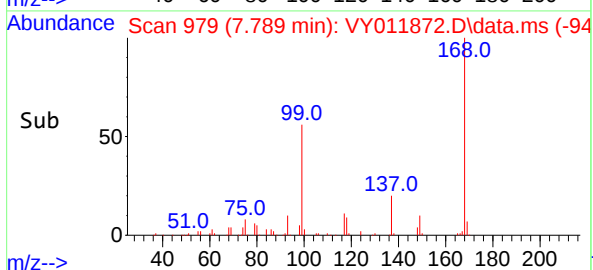
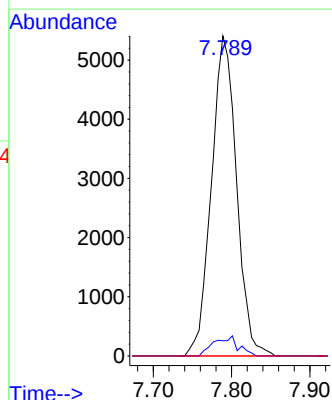
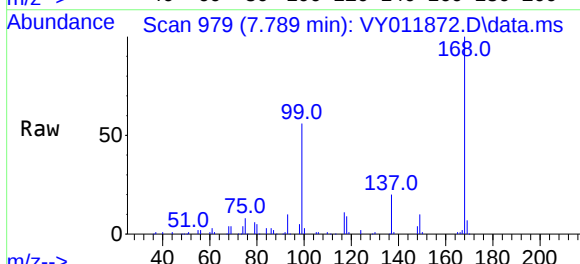
Tgt Ion: 117 Resp: 12058

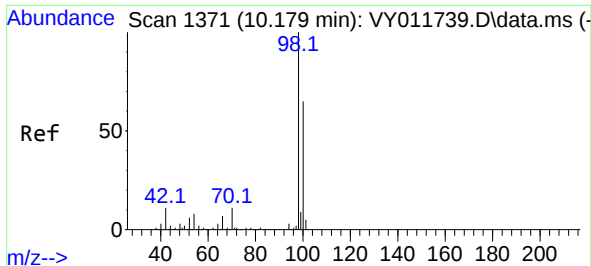
Ion Ratio Lower Upper

117 100

119 4.8 73.8 110.8#

121 0.0 25.2 37.8#

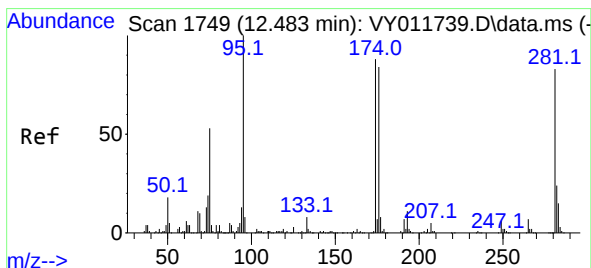
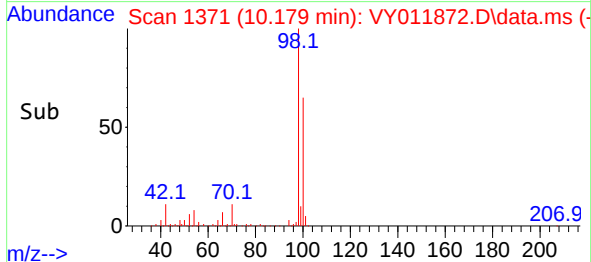
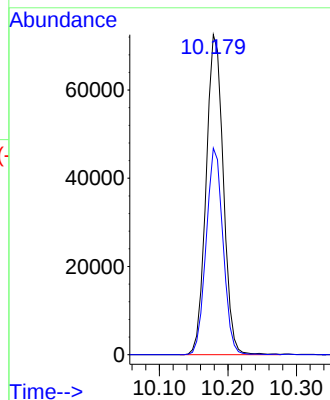
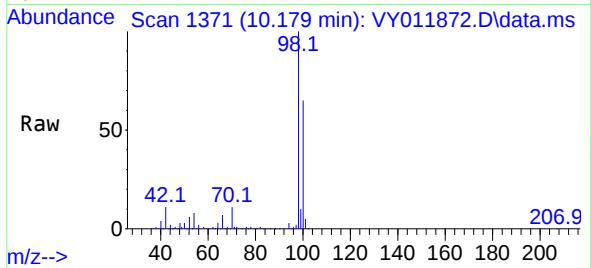




#50
Toluene-d8
Concen: 46.071 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

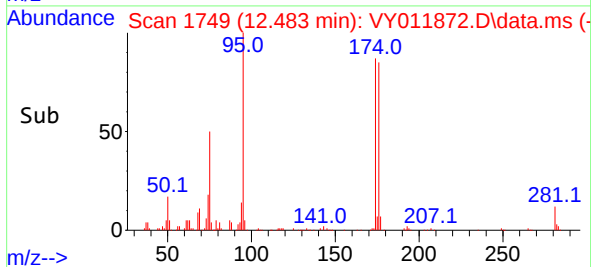
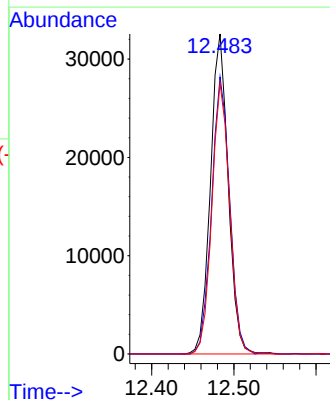
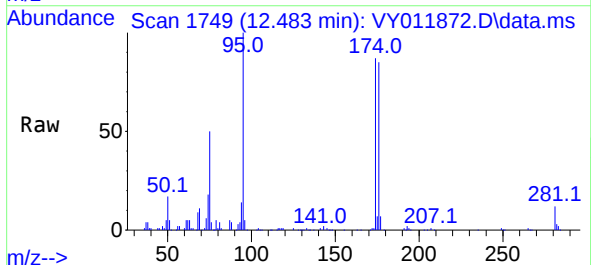
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

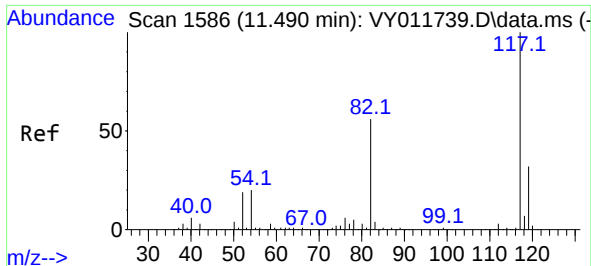
Tgt Ion: 98 Resp: 126652
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.589 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Tgt Ion: 95 Resp: 48777
Ion Ratio Lower Upper
95 100
174 88.5 0.0 172.0
176 84.8 0.0 167.6

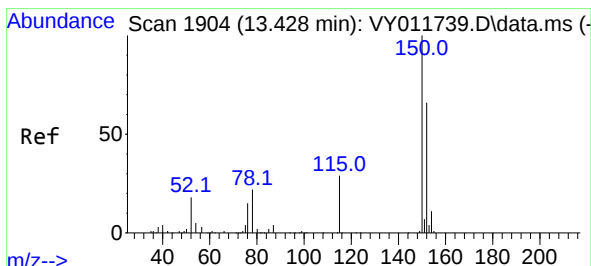
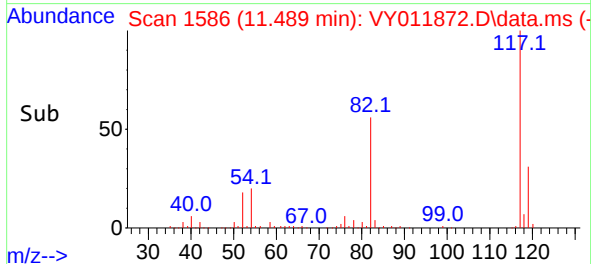
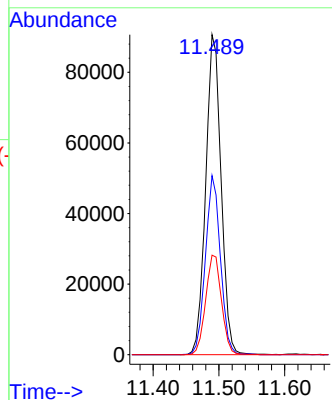
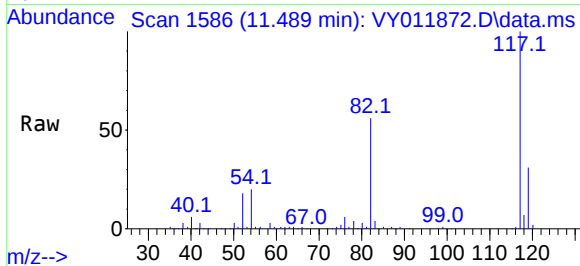




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

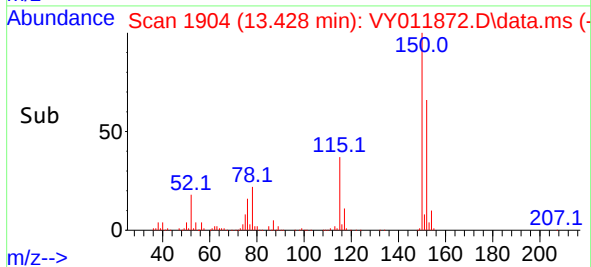
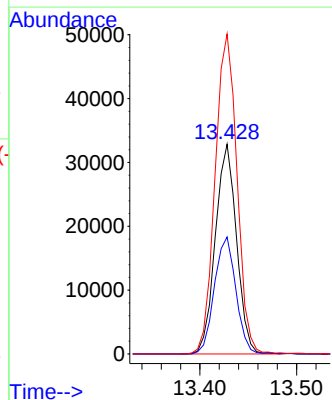
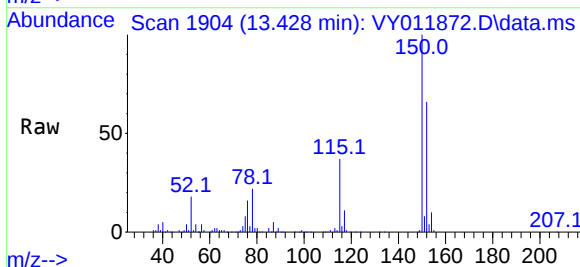
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

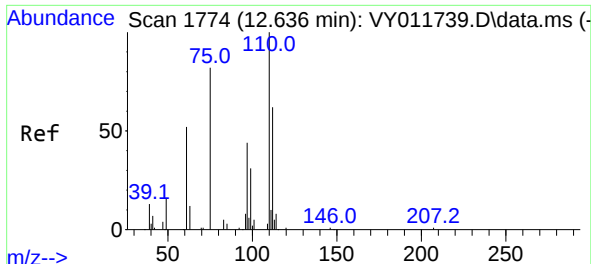
Tgt Ion:117 Resp: 147571
Ion Ratio Lower Upper
117 100
82 55.9 44.8 67.2
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Tgt Ion:152 Resp: 50044
Ion Ratio Lower Upper
152 100
115 56.6 29.1 87.3
150 157.6 0.0 342.6

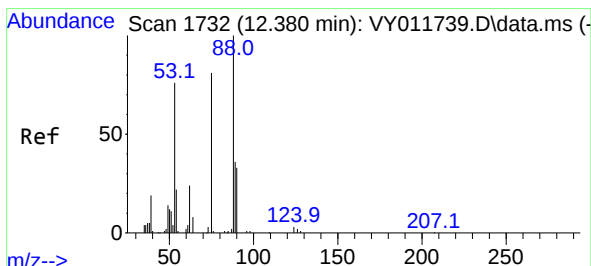
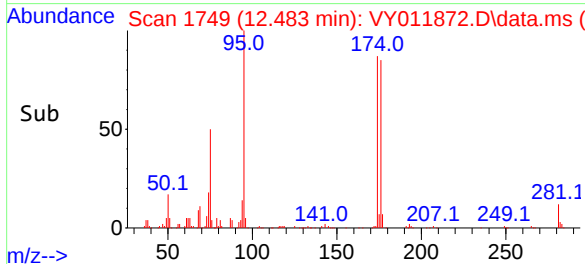
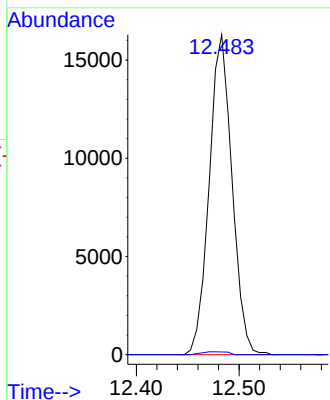
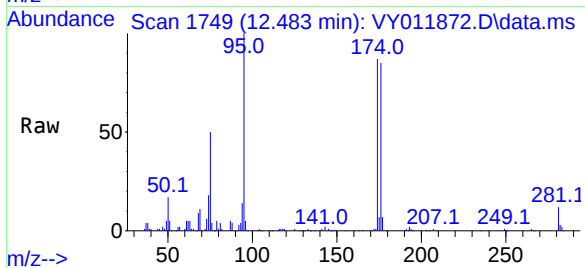




#76
1,2,3-Trichloropropane
Concen: 49.568 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)

Tgt Ion: 75 Resp: 25097
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.480 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011872.D
Acq: 15 Dec 2022 15:22

Tgt Ion: 75 Resp: 25097
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

