

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011875.D
 Acq On : 15 Dec 2022 16:30
 Operator : KP/MD
 Sample : N6038-21
 Misc : 3.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-39-(3-5)

Quant Time: Dec 16 00:15:12 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)

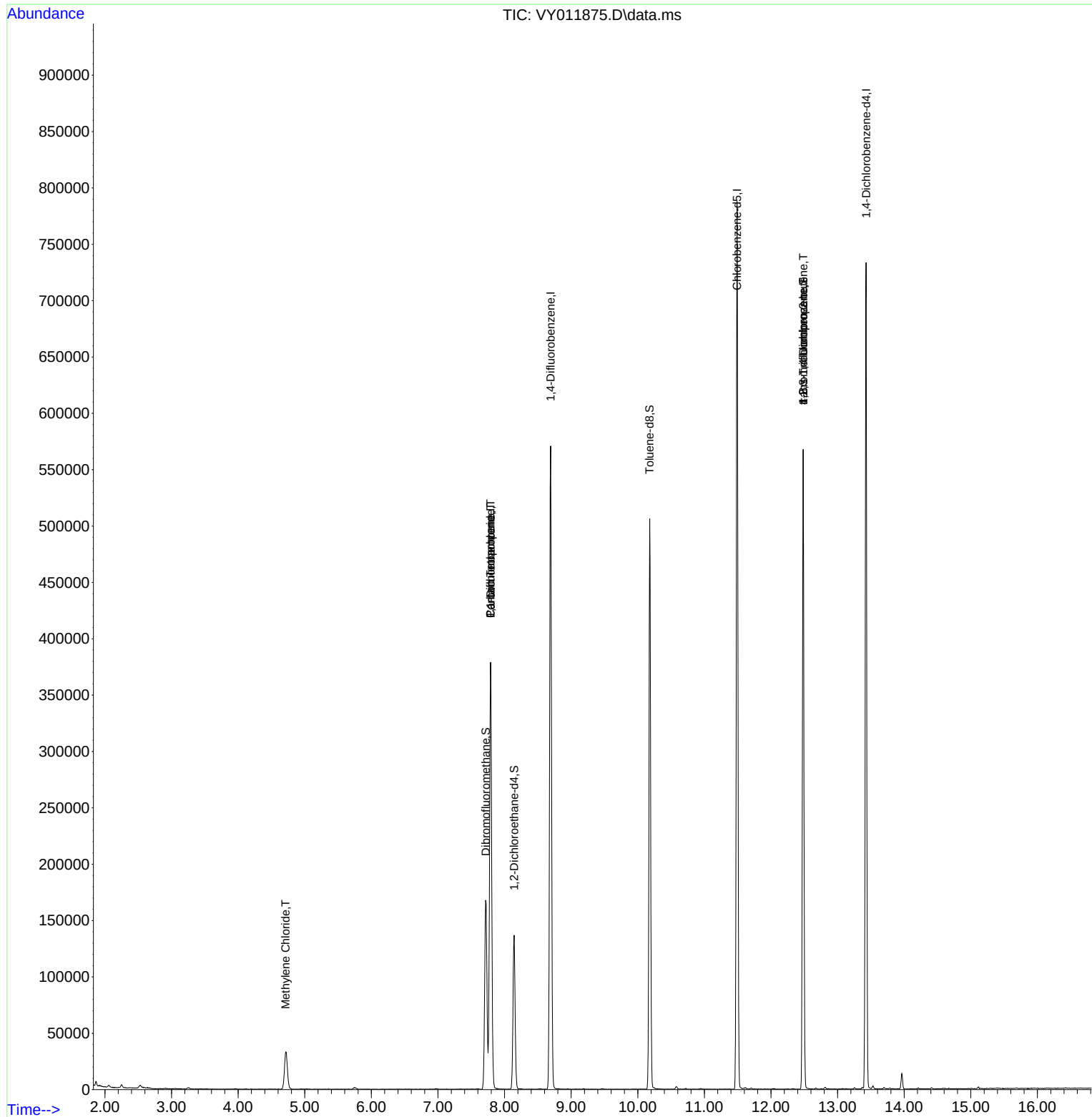
Internal Standards						
1) Pentafluorobenzene	7.789	168	289265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	493200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	427552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107349	54.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.700%	
35) Dibromofluoromethane	7.716	113	119640	54.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.980%	
50) Toluene-d8	10.179	98	336008	46.276	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.560%	
62) 4-Bromofluorobenzene	12.483	95	159749	56.457	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	91	Below Cal	#	41
3) Chloromethane	2.113	50	19	Below Cal	#	41
5) Bromomethane	2.656	94	121	Below Cal		87
11) Tert butyl alcohol	4.942	59	106	Below Cal	#	74
18) Methyl Acetate	4.479	43	162	Below Cal	#	50
20) Methylene Chloride	4.710	84	26358	3.966	ug/l	94
31) Cyclohexane	7.795	56	5660	Below Cal	#	15
36) 1,1-Dichloropropene	7.789	75	21849	5.838	ug/l #	50
38) Carbon Tetrachloride	7.789	117	29442	6.697	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	84489	44.458	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84489	100.884	ug/l #	13

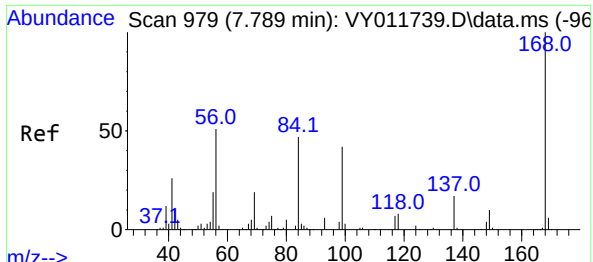
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
Data File : VY011875.D
Acq On : 15 Dec 2022 16:30
Operator : KP/MD
Sample : N6038-21
Misc : 3.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-39-(3-5)

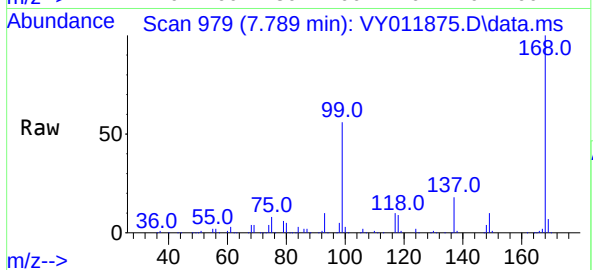
Quant Time: Dec 16 00:15:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration



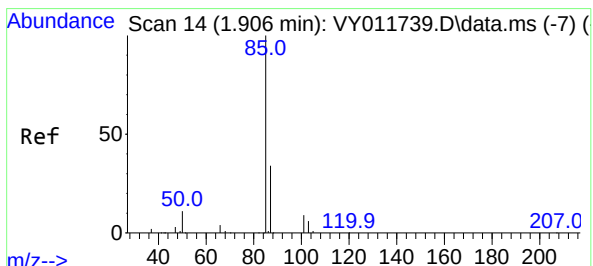
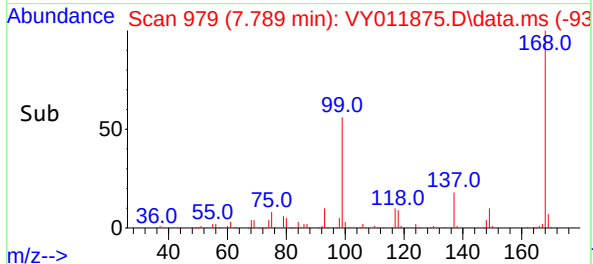
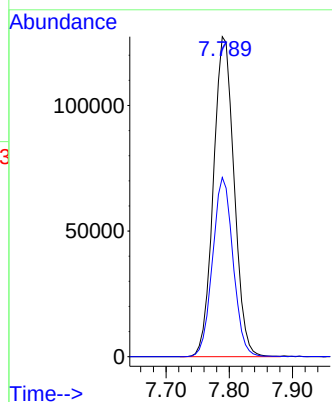


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

Instrument :
MSVOA_Y
ClientSampleId :
RB-39-(3-5)

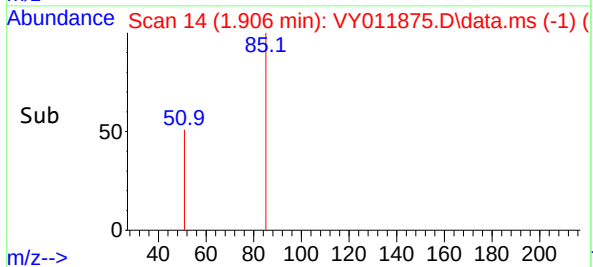
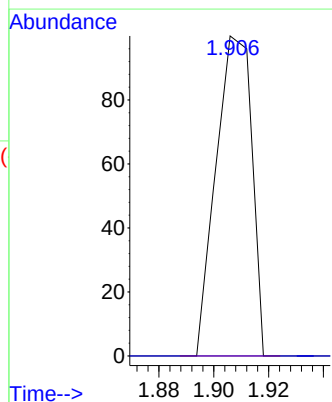
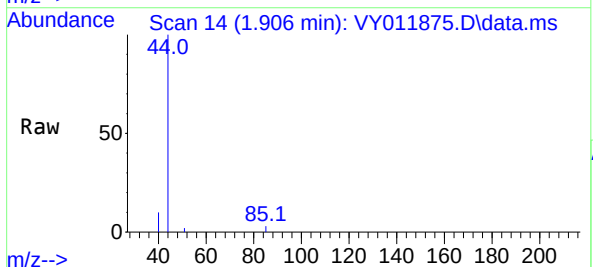


Tgt Ion:168 Resp: 289265
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0

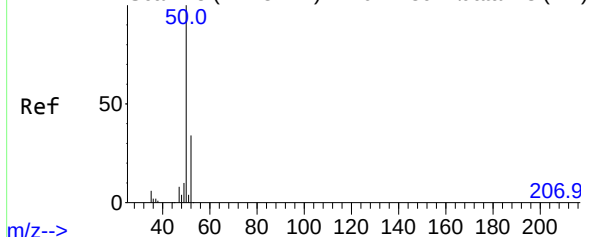


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

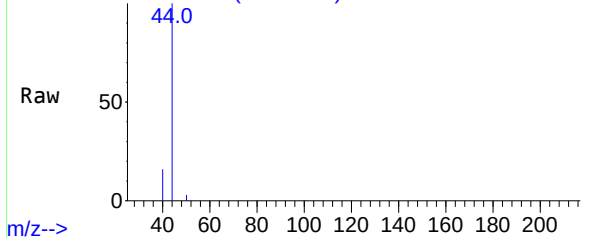
Tgt Ion: 85 Resp: 91
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#



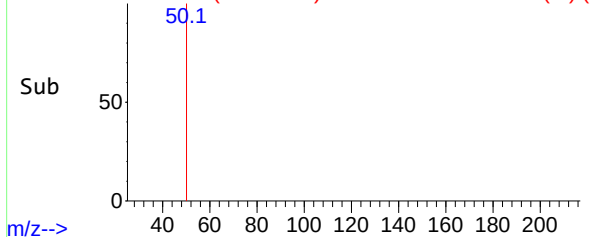
Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



m/z--> Scan 48 (2.113 min): VY011875.D\data.ms



m/z--> Scan 48 (2.113 min): VY011875.D\data.ms (-1)



m/z-->

#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011875.D

Acq: 15 Dec 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

RB-39-(3-5)

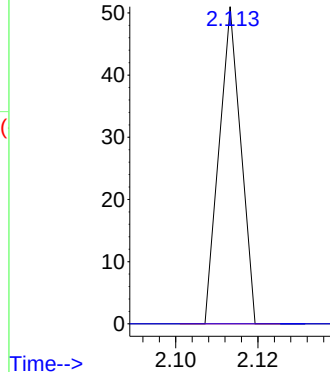
Tgt Ion: 50 Resp: 19

Ion Ratio Lower Upper

50 100

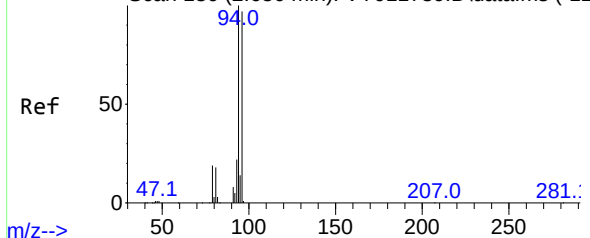
52 0.0 26.8 40.2#

Abundance

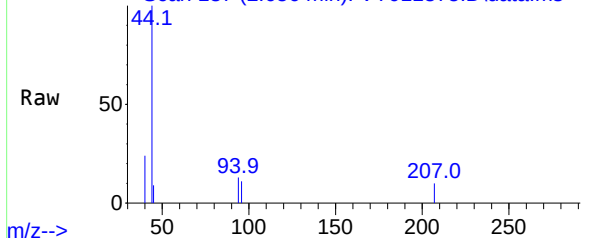


Time-->

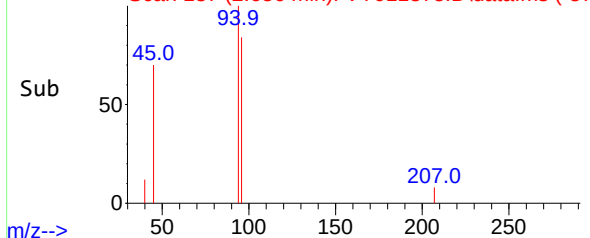
Abundance Scan 136 (2.650 min): VY011739.D\data.ms (-12)



m/z--> Scan 137 (2.656 min): VY011875.D\data.ms



m/z--> Scan 137 (2.656 min): VY011875.D\data.ms (-87)



m/z-->

#5

Bromomethane

Concen: Below Cal

RT: 2.656 min Scan# 137

Delta R.T. 0.006 min

Lab File: VY011875.D

Acq: 15 Dec 2022 16:30

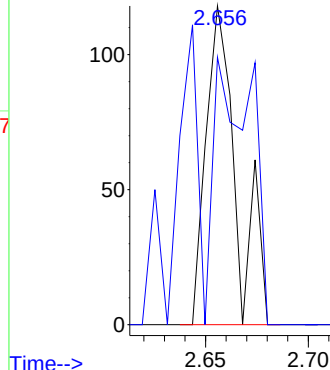
Tgt Ion: 94 Resp: 121

Ion Ratio Lower Upper

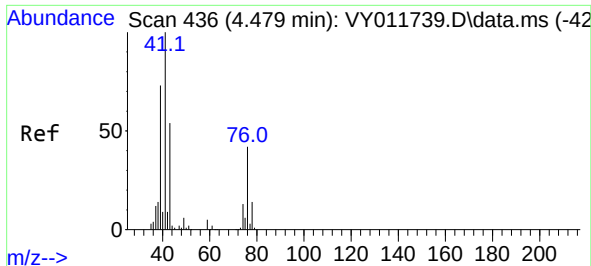
94 100

96 83.9 77.4 116.2

Abundance



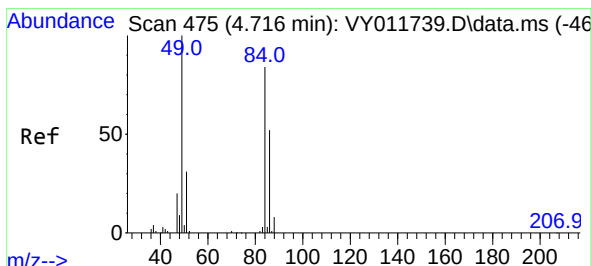
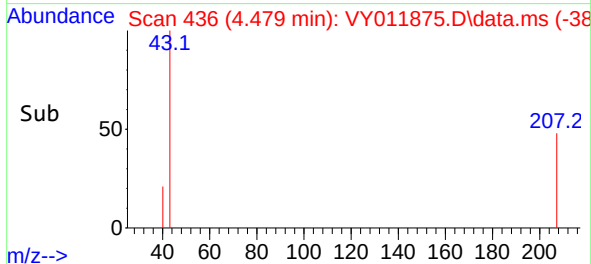
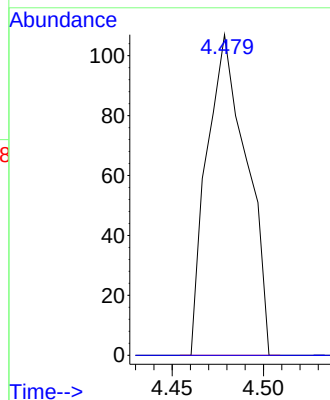
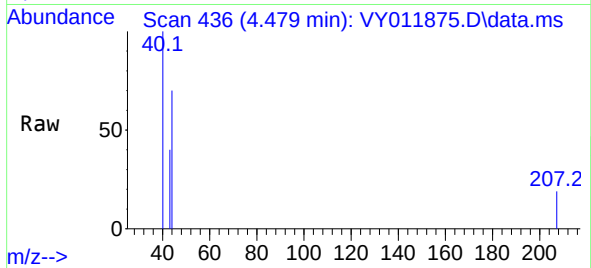
Time-->



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

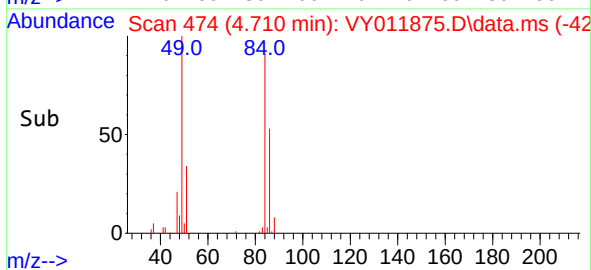
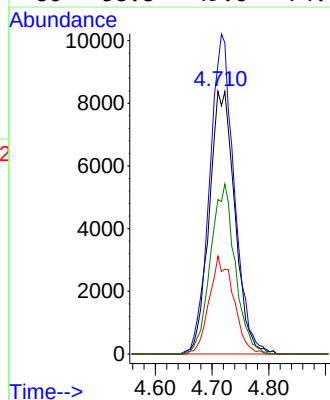
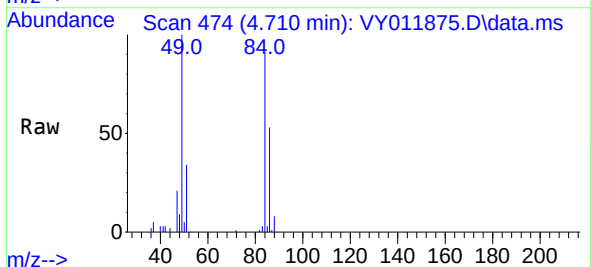
Instrument :
MSVOA_Y
ClientSampleId :
RB-39-(3-5)

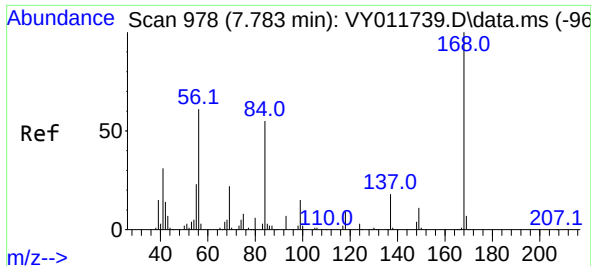
Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: 3.966 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

Tgt Ion: 84 Resp: 26358
Ion Ratio Lower Upper
84 100
49 110.2 95.4 143.2
51 37.2 29.9 44.9
86 58.8 49.6 74.4





#31

Cyclohexane

Concen: Below Cal

RT: 7.795 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY011875.D

Acq: 15 Dec 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

RB-39-(3-5)

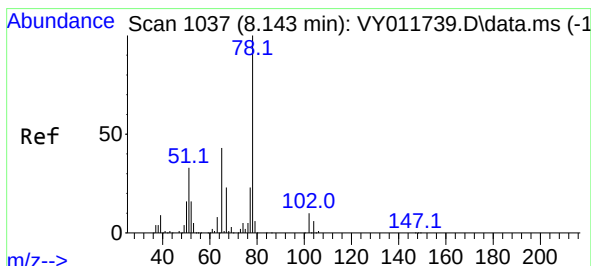
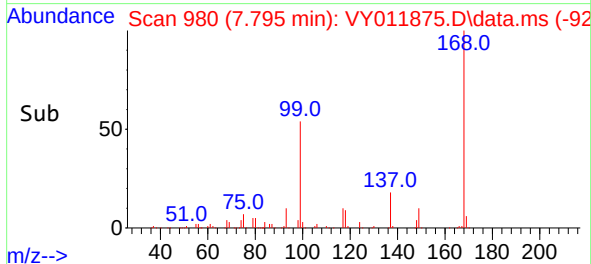
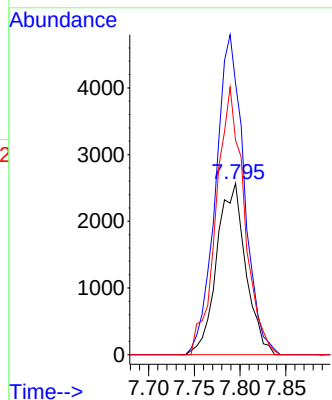
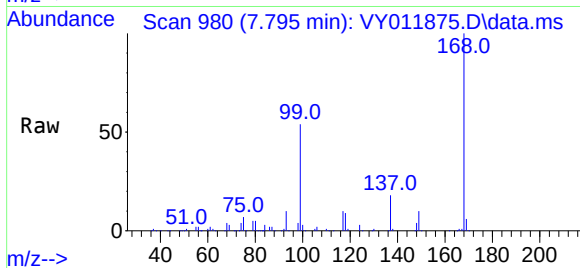
Tgt Ion: 56 Resp: 5660

Ion Ratio Lower Upper

56 100

69 158.3 29.2 43.8#

84 125.1 72.6 108.8#



#33

1,2-Dichloroethane-d4

Concen: 54.849 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011875.D

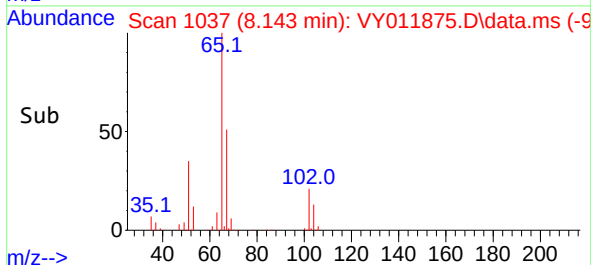
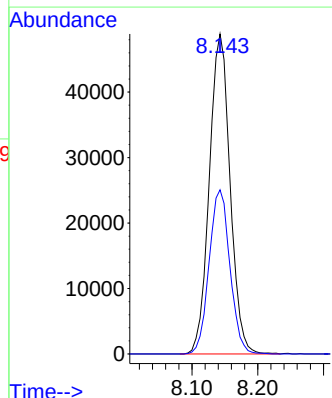
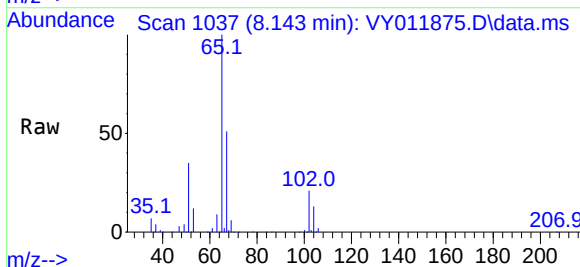
Acq: 15 Dec 2022 16:30

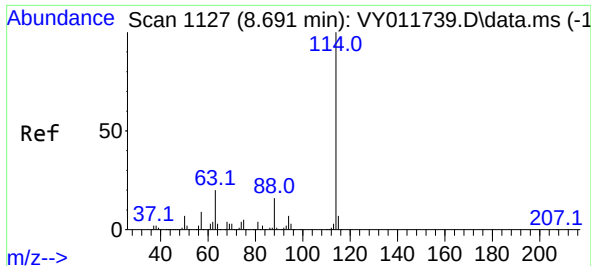
Tgt Ion: 65 Resp: 107349

Ion Ratio Lower Upper

65 100

67 51.3 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: VY011875.D

Acq: 15 Dec 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

RB-39-(3-5)

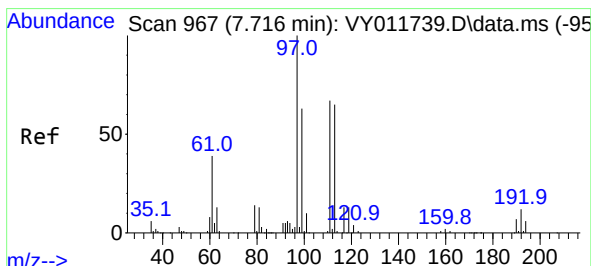
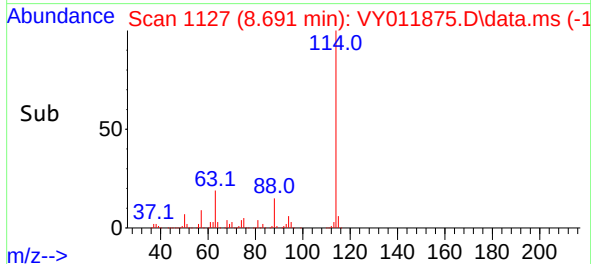
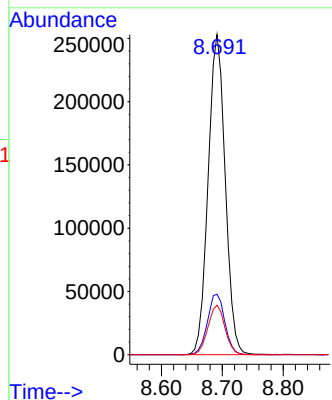
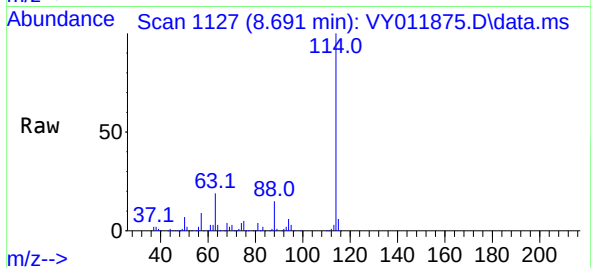
Tgt Ion:114 Resp: 493200

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 54.987 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011875.D

Acq: 15 Dec 2022 16:30

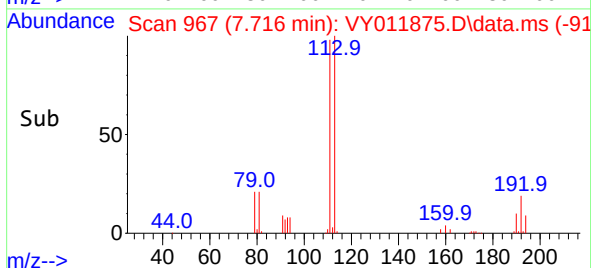
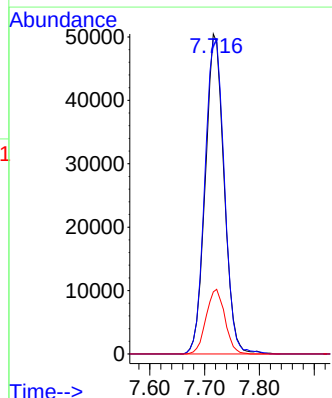
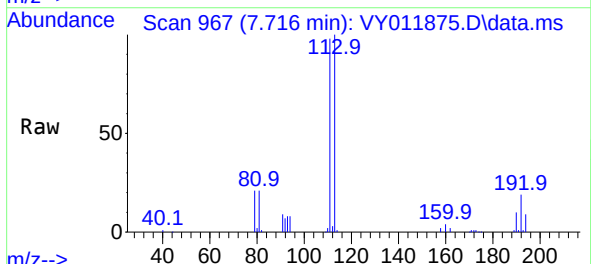
Tgt Ion:113 Resp: 119640

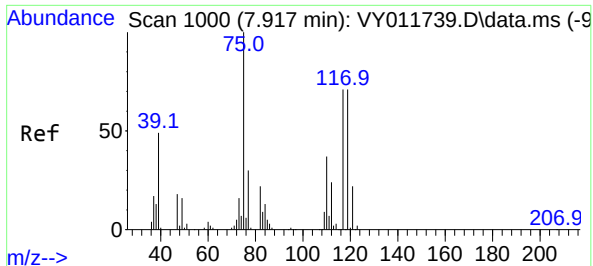
Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.4

192 20.2 16.0 24.0

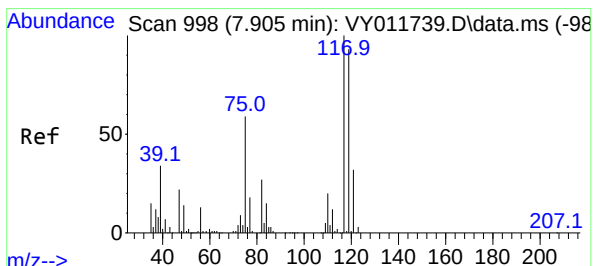
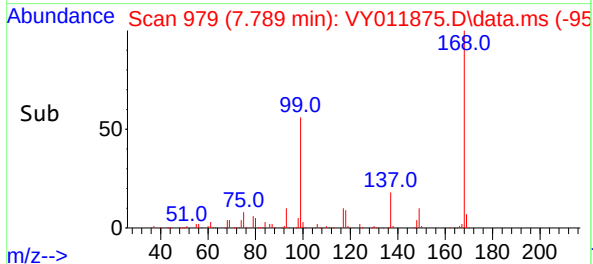
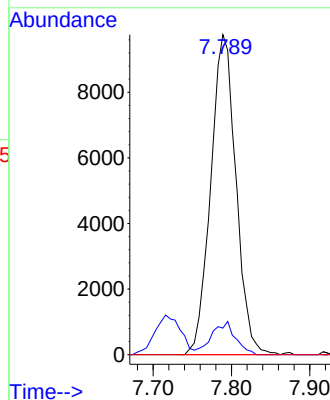
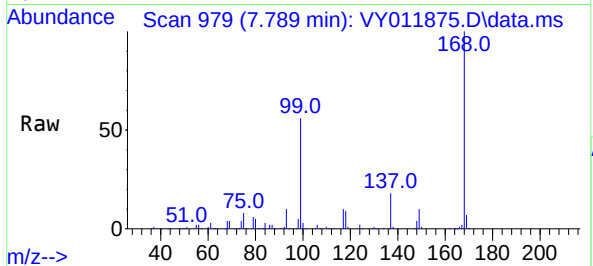




#36
1,1-Dichloropropene
Concen: 5.838 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

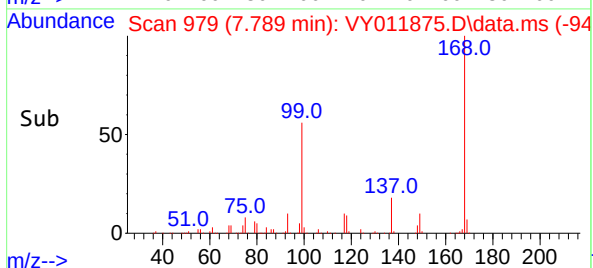
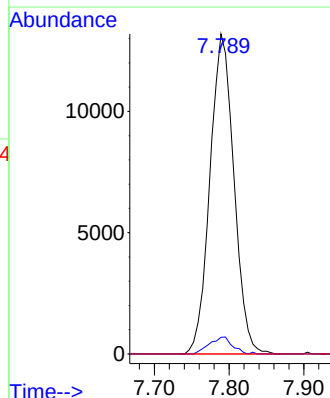
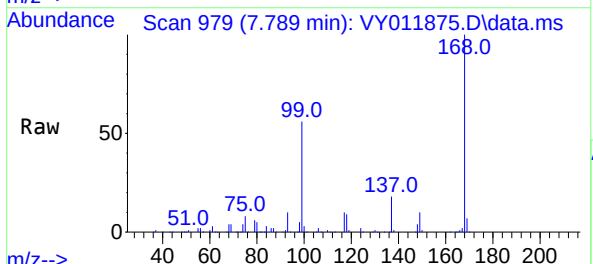
Instrument :
MSVOA_Y
ClientSampleId :
RB-39-(3-5)

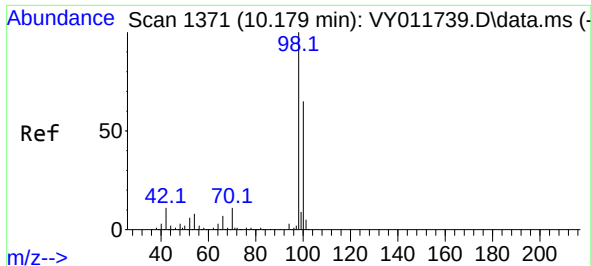
Tgt Ion: 75 Resp: 21849
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.697 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

Tgt Ion: 117 Resp: 29442
Ion Ratio Lower Upper
117 100
119 5.2 73.8 110.8#
121 0.0 25.2 37.8#

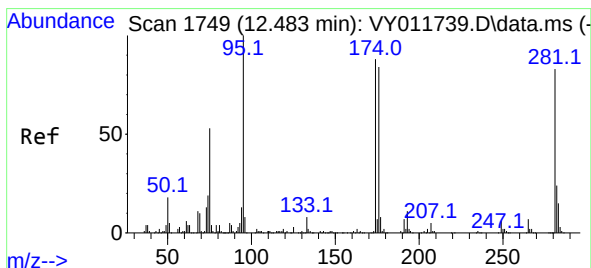
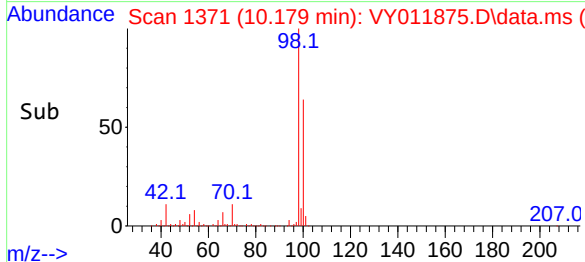
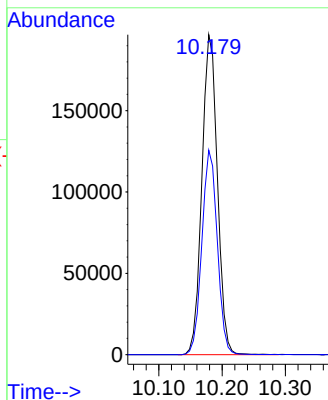
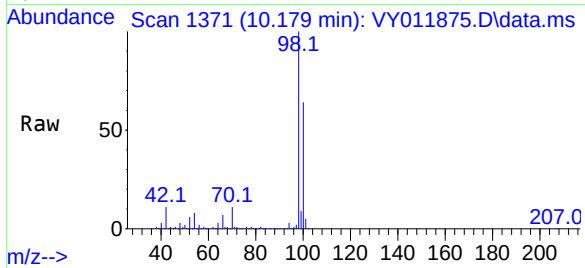




#50
Toluene-d8
Concen: 46.276 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

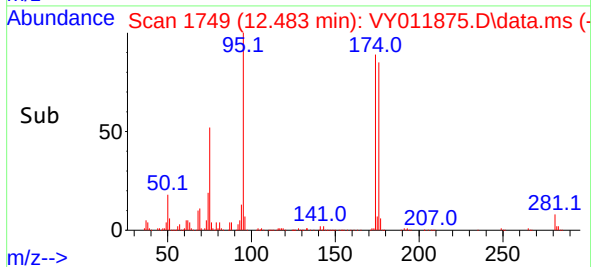
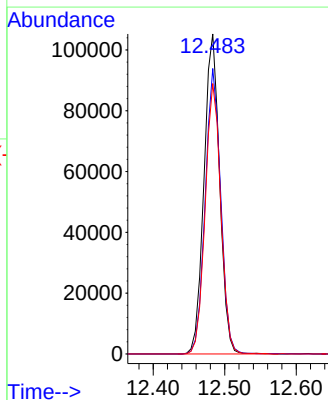
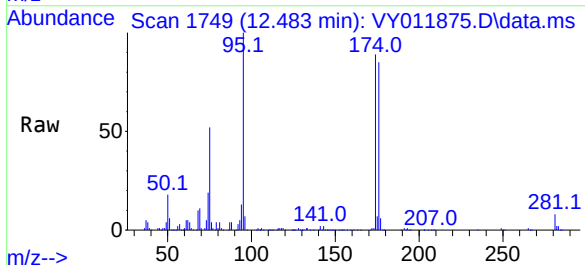
Instrument :
MSVOA_Y
ClientSampleId :
RB-39-(3-5)

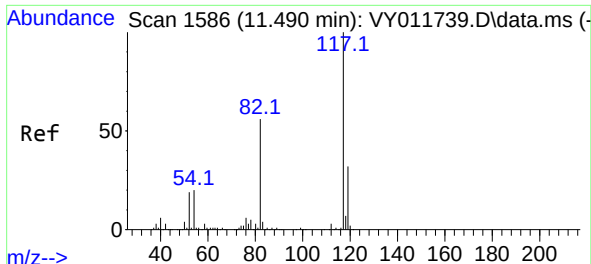
Tgt Ion: 98 Resp: 336008
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.457 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

Tgt Ion: 95 Resp: 159749
Ion Ratio Lower Upper
95 100
174 88.5 0.0 172.0
176 84.7 0.0 167.6

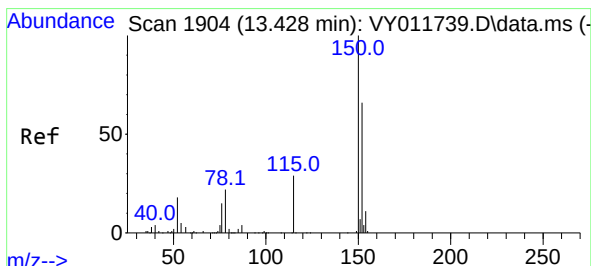
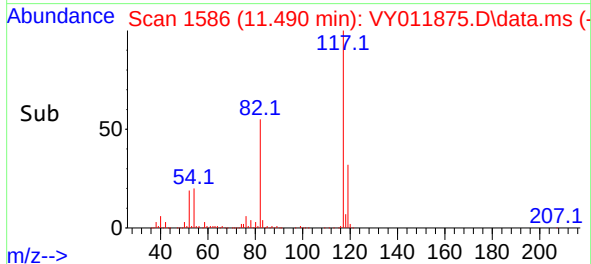
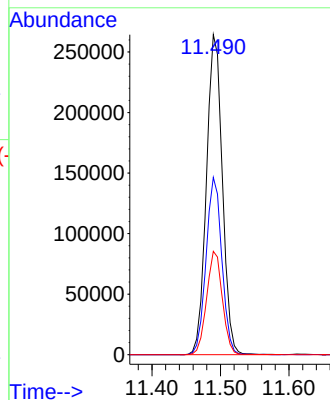
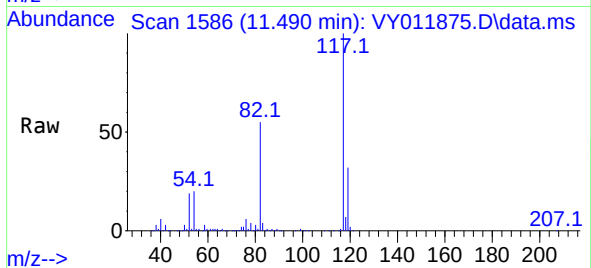




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

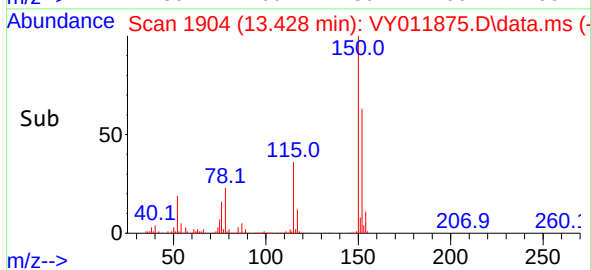
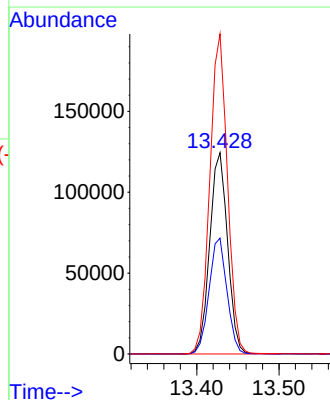
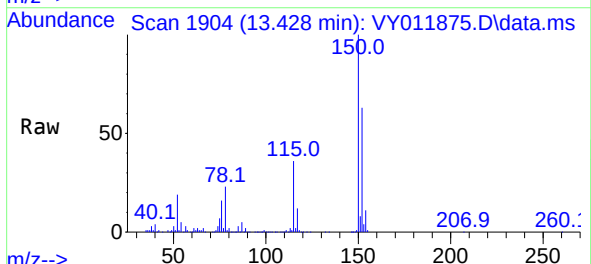
Instrument :
MSVOA_Y
ClientSampleId :
RB-39-(3-5)

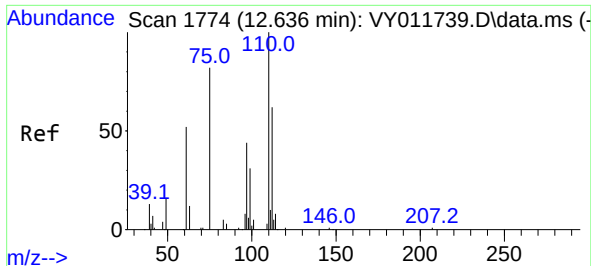
Tgt Ion:117 Resp: 427552
Ion Ratio Lower Upper
117 100
82 55.4 44.8 67.2
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

Tgt Ion:152 Resp: 187837
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 157.0 0.0 342.6

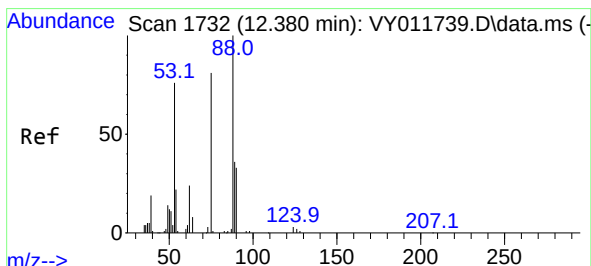
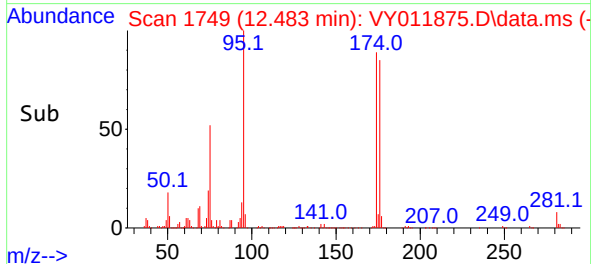
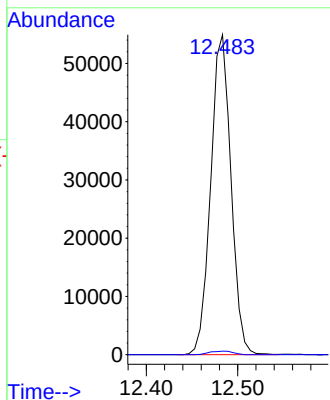
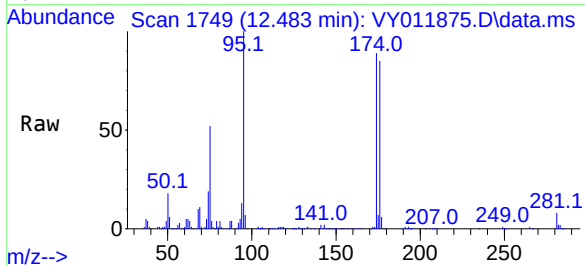




#76
1,2,3-Trichloropropane
Concen: 44.458 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

Instrument :
MSVOA_Y
ClientSampleId :
RB-39-(3-5)

Tgt Ion: 75 Resp: 84489
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.884 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011875.D
Acq: 15 Dec 2022 16:30

Tgt Ion: 75 Resp: 84489
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.1 37.0 55.4#

