

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011824.D
 Acq On : 14 Dec 2022 04:16
 Operator : KP/MD
 Sample : N6037-20
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-26-(2-4)

Quant Time: Dec 14 05:38:37 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)

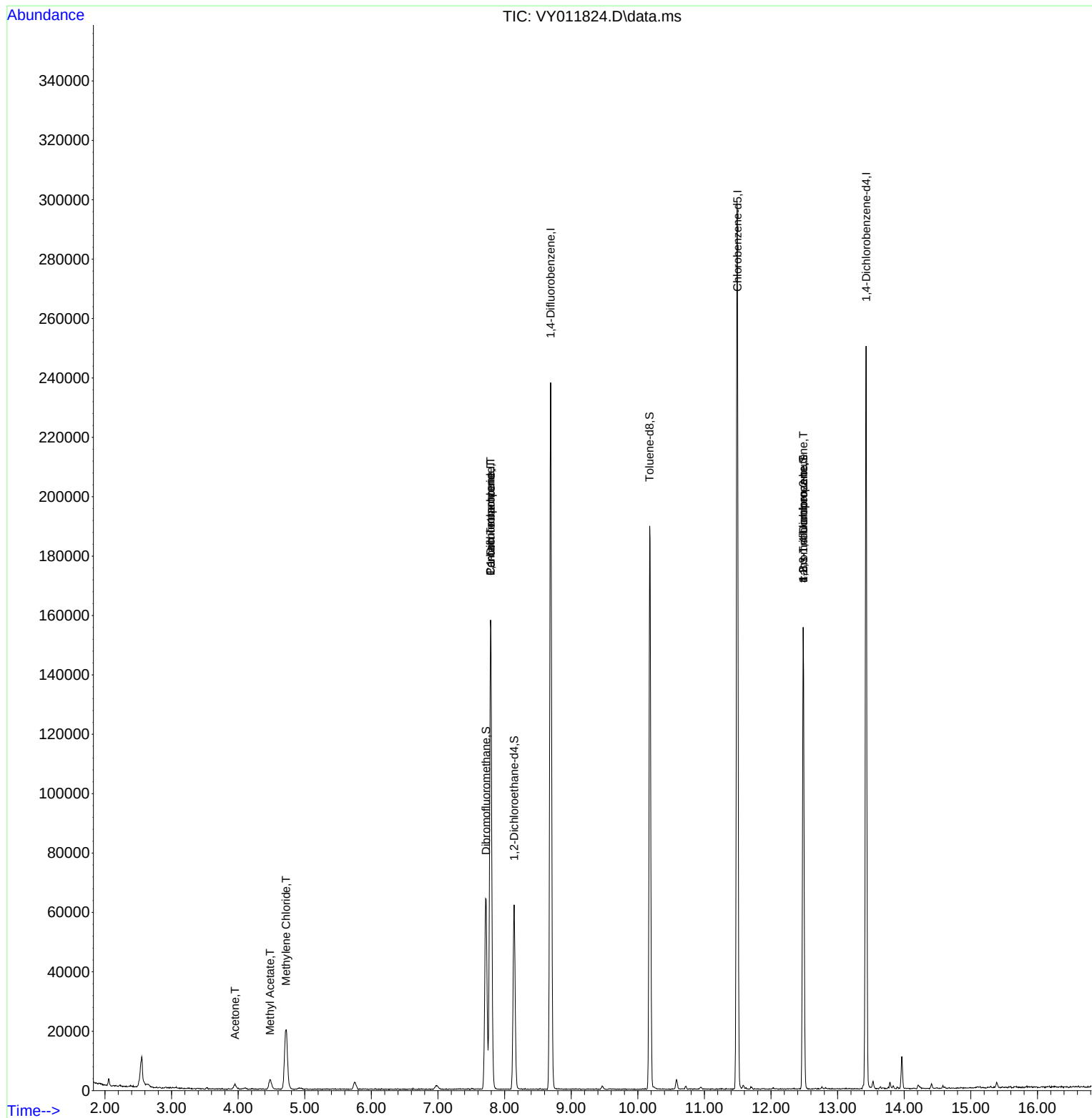
Internal Standards						
1) Pentafluorobenzene	7.789	168	122698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	171599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48516	58.788	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.580%			
35) Dibromofluoromethane	7.722	113	46582	51.925	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.860%			
50) Toluene-d8	10.179	98	128264	42.486	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 84.980%			
62) 4-Bromofluorobenzene	12.483	95	42879	35.168	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.340%			
Target Compounds						
3) Chloromethane	2.119	50	154	Below Cal	#	41
5) Bromomethane	2.656	94	255	Below Cal	#	45
11) Tert butyl alcohol	4.923	59	338	Below Cal	#	74
16) Acetone	3.954	43	2858	8.531	ug/l #	84
18) Methyl Acetate	4.478	43	6668	6.839	ug/l	94
20) Methylene Chloride	4.716	84	16245	8.778	ug/l	98
31) Cyclohexane	7.789	56	2424	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	9220	6.000	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11941	6.615	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	22265	33.613	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22265	76.276	ug/l #	13

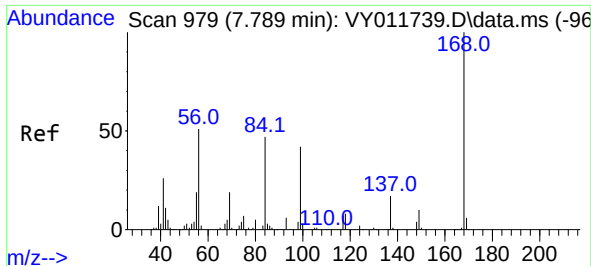
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
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Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)

Quant Time: Dec 14 05:38:37 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

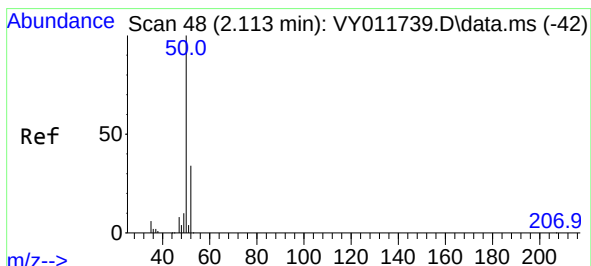
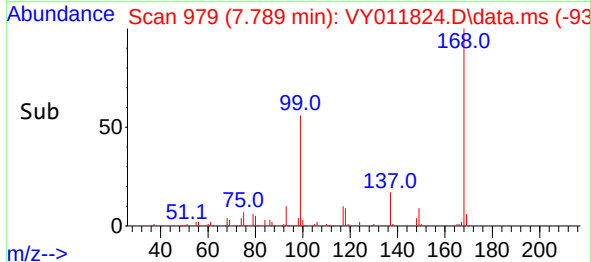
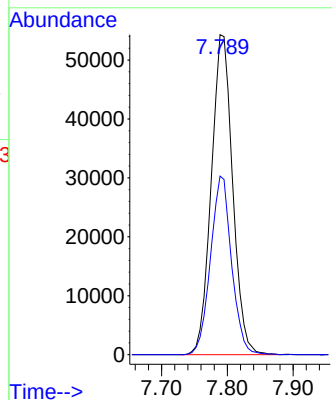
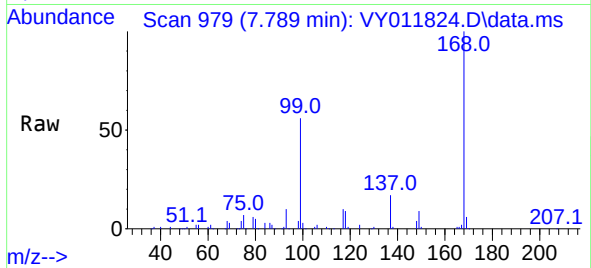




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

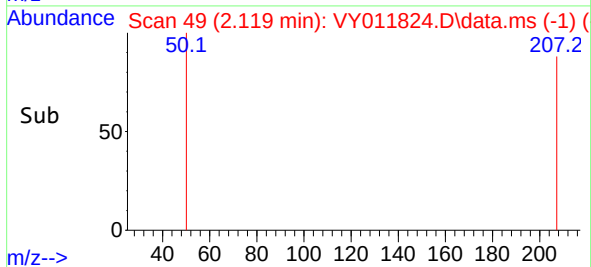
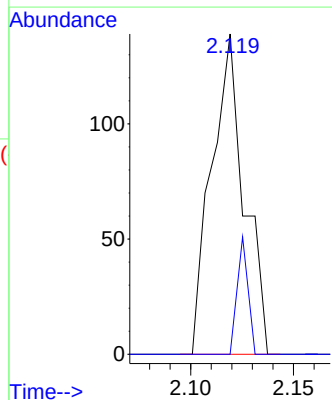
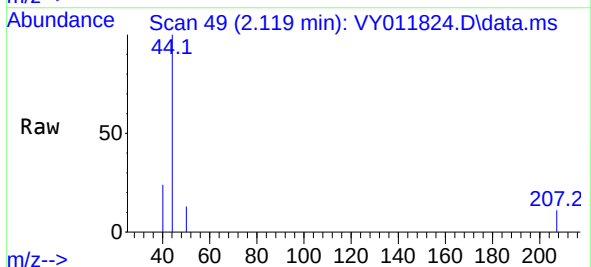
Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)

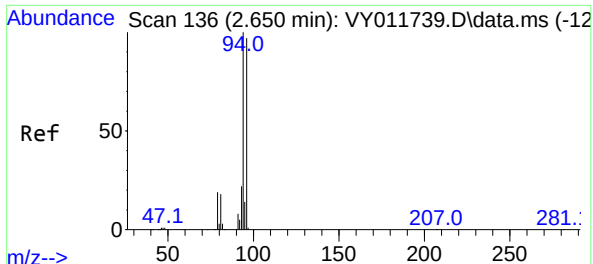
Tgt Ion:168 Resp: 122698
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Tgt Ion: 50 Resp: 154
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

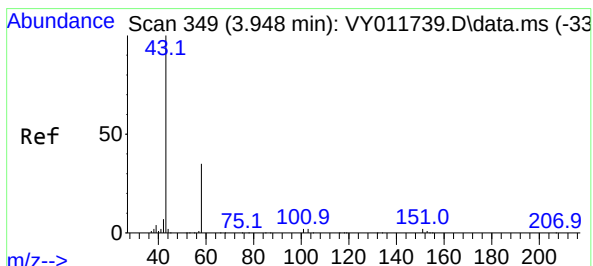
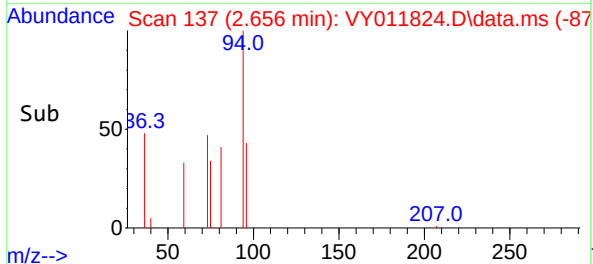
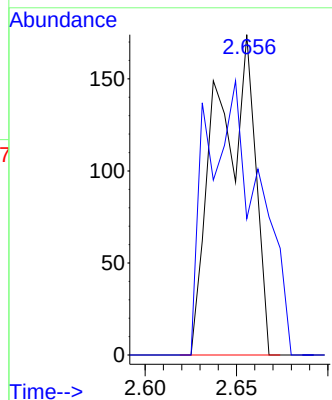
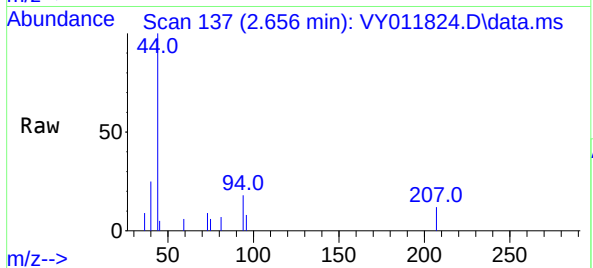




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

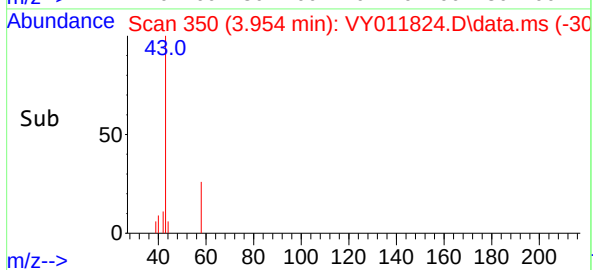
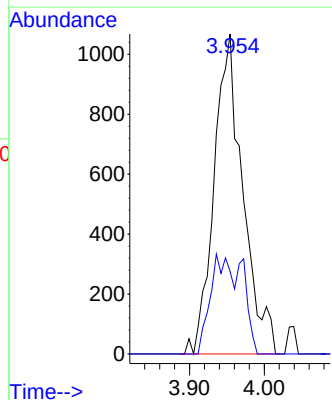
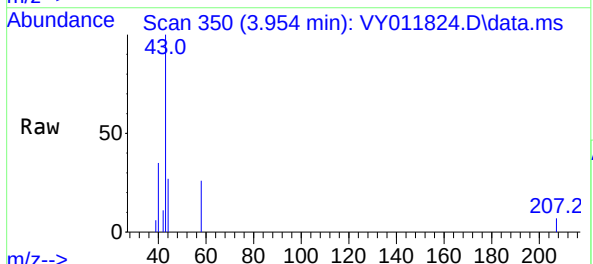
Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)

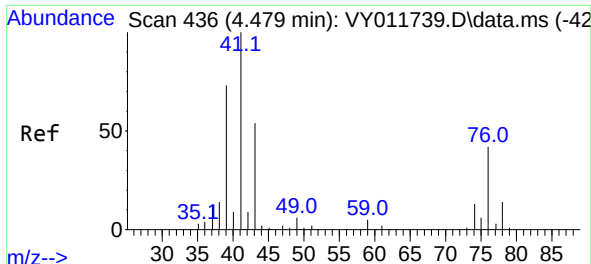
Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 42.5 77.4 116.2#



#16
Acetone
Concen: 8.531 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Tgt Ion: 43 Resp: 2858
Ion Ratio Lower Upper
43 100
58 25.7 27.9 41.9#

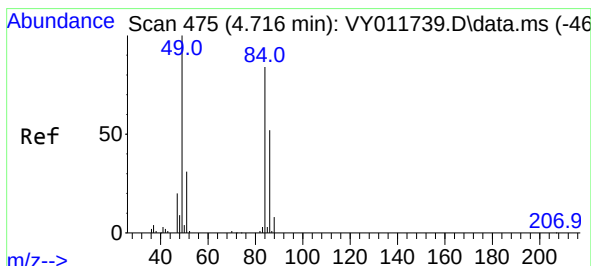
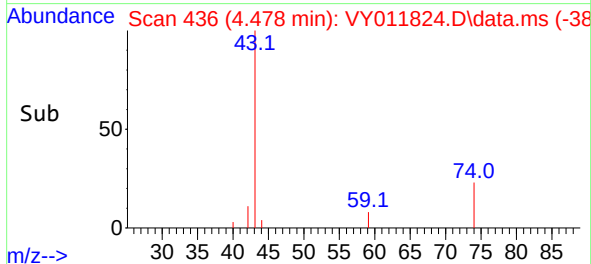
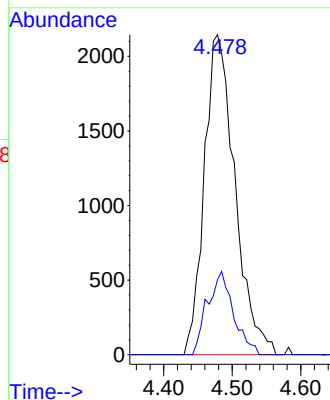
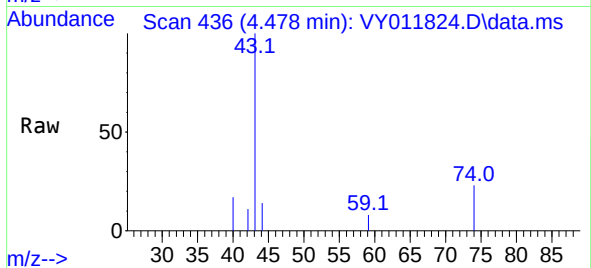




#18
Methyl Acetate
Concen: 6.839 ug/l
RT: 4.478 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

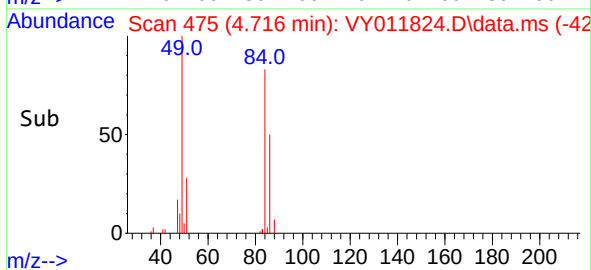
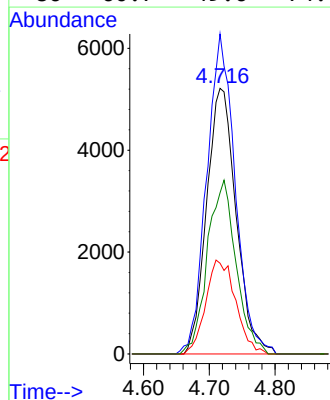
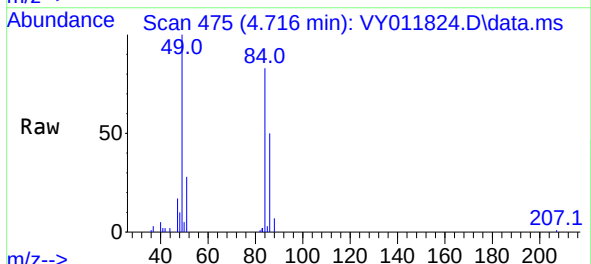
Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)

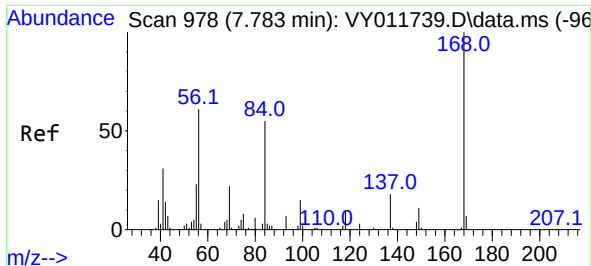
Tgt Ion: 43 Resp: 6668
Ion Ratio Lower Upper
43 100
74 22.2 20.1 30.1



#20
Methylene Chloride
Concen: 8.778 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

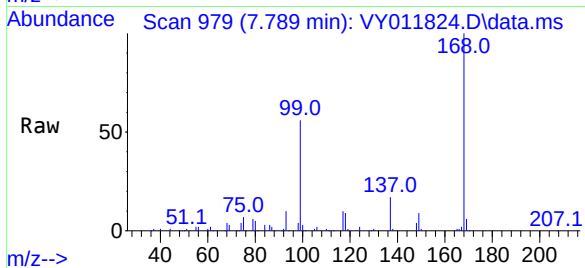
Tgt Ion: 84 Resp: 16245
Ion Ratio Lower Upper
84 100
49 120.5 95.4 143.2
51 34.2 29.9 44.9
86 60.7 49.6 74.4



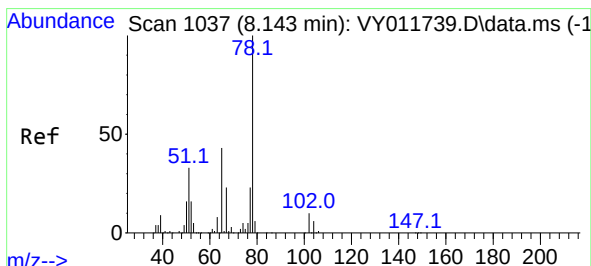
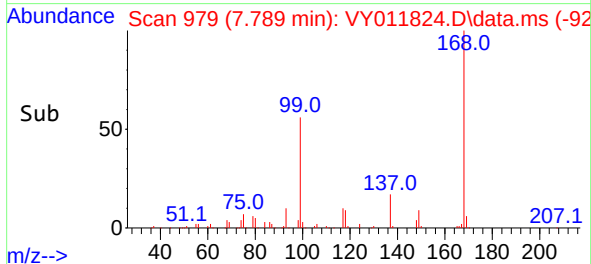
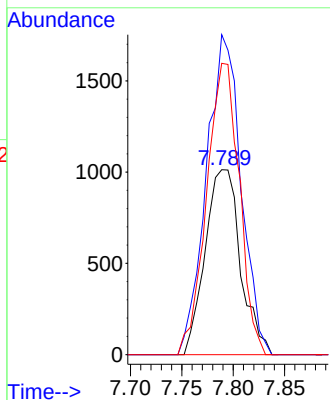


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)

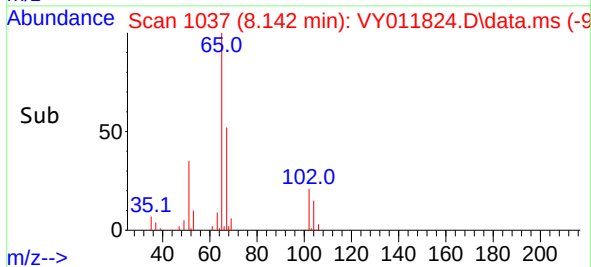
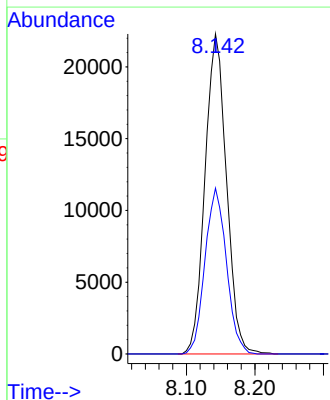
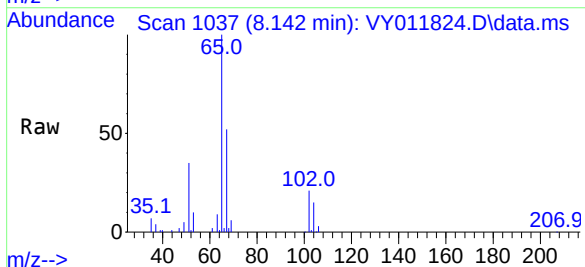


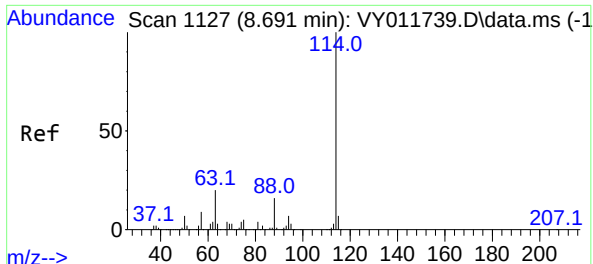
Tgt Ion: 56 Resp: 2424
Ion Ratio Lower Upper
56 100
69 173.1 29.2 43.8#
84 157.6 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 58.788 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Tgt Ion: 65 Resp: 48516
Ion Ratio Lower Upper
65 100
67 51.7 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: VY011824.D

Acq: 14 Dec 2022 04:16

Instrument :

MSVOA_Y

ClientSampleId :

RB-26-(2-4)

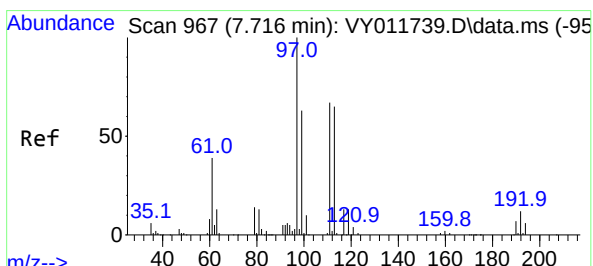
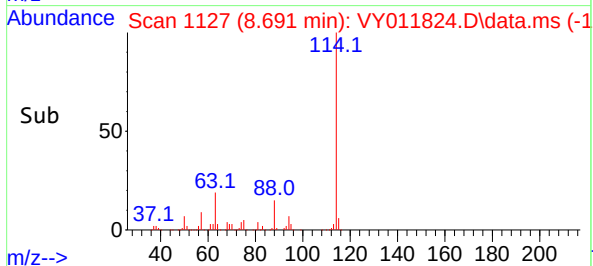
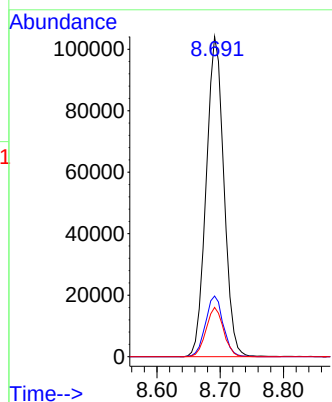
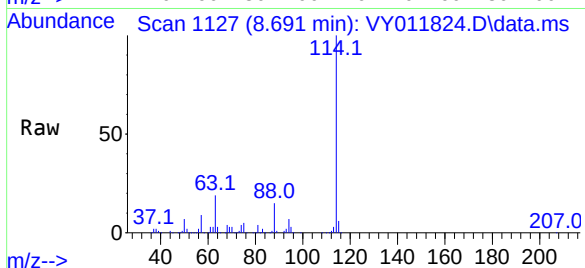
Tgt Ion:114 Resp: 202499

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.925 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011824.D

Acq: 14 Dec 2022 04:16

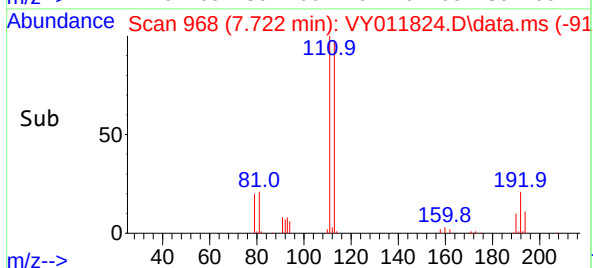
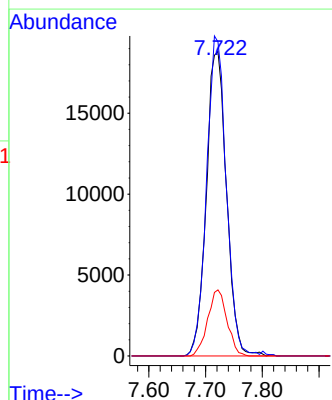
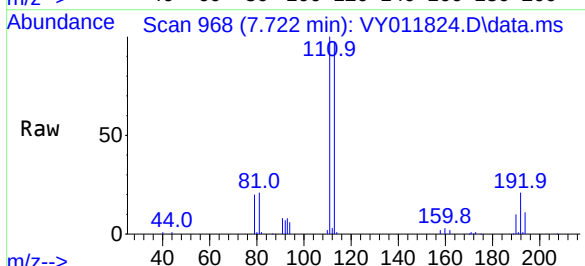
Tgt Ion:113 Resp: 46582

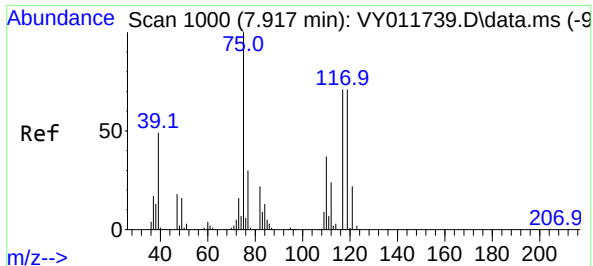
Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 20.8 16.0 24.0





#36

1,1-Dichloropropene

Concen: 6.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011824.D

Acq: 14 Dec 2022 04:16

Instrument :

MSVOA_Y

ClientSampleId :

RB-26-(2-4)

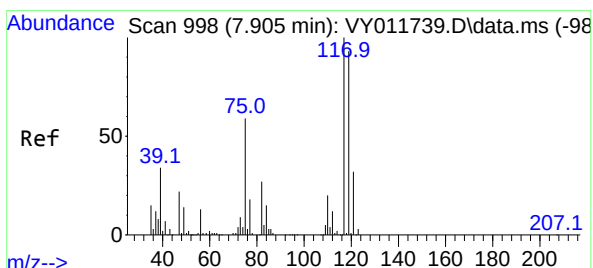
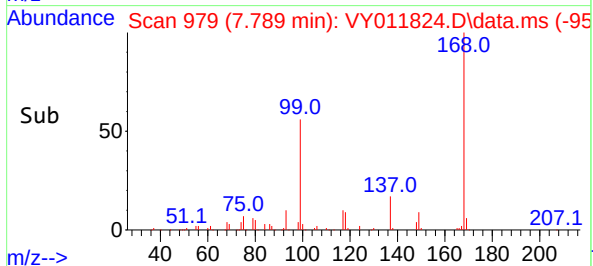
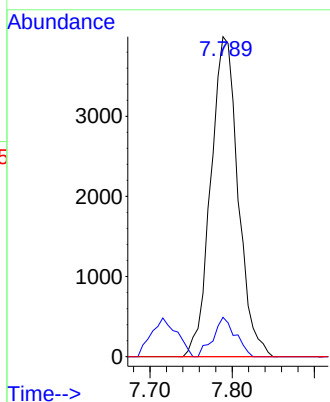
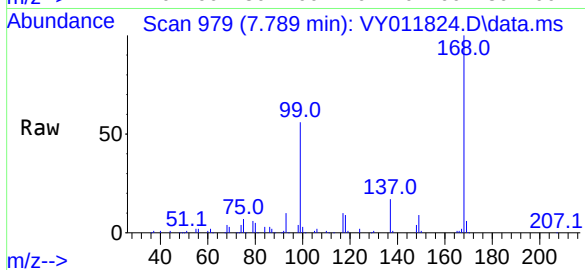
Tgt Ion: 75 Resp: 9220

Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.615 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011824.D

Acq: 14 Dec 2022 04:16

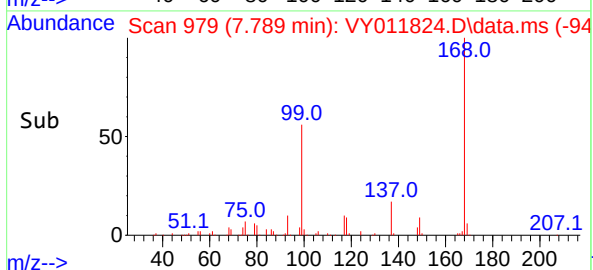
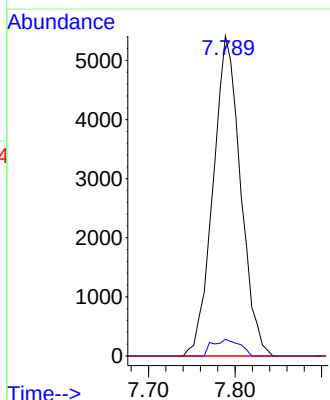
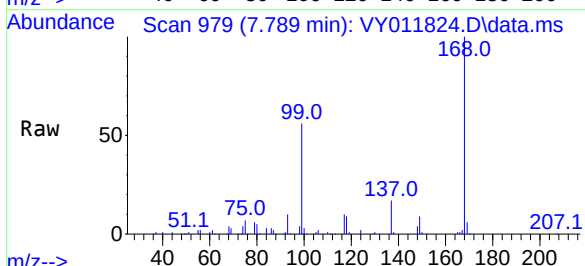
Tgt Ion: 117 Resp: 11941

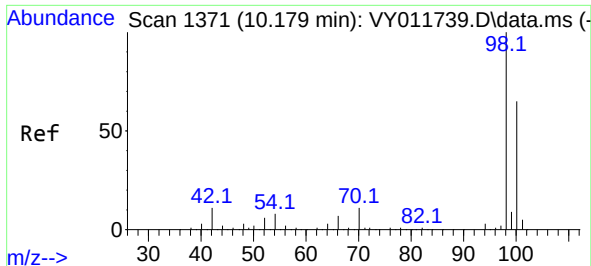
Ion Ratio Lower Upper

117 100

119 5.2 73.8 110.8#

121 0.0 25.2 37.8#

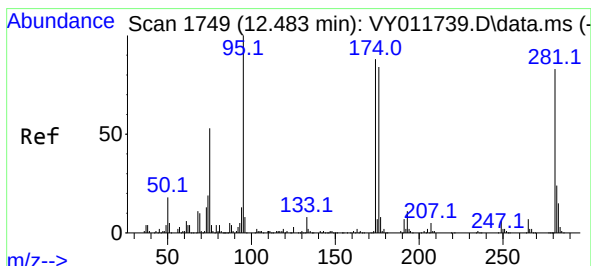
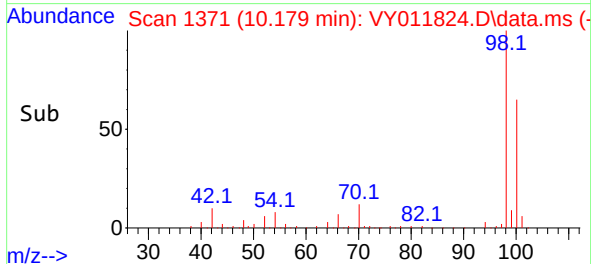
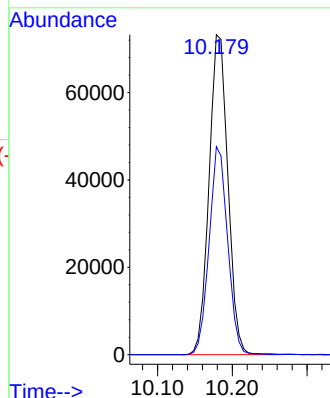
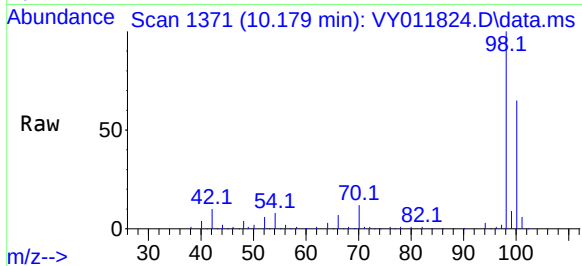




#50
Toluene-d8
Concen: 42.486 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

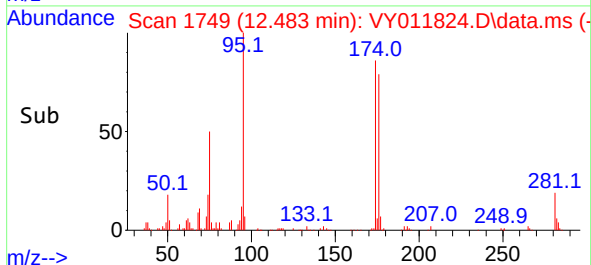
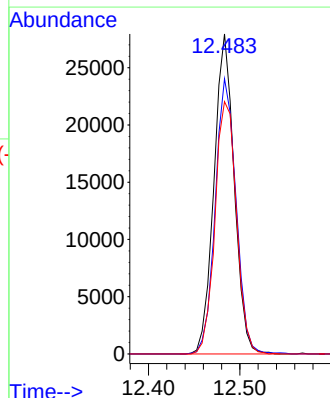
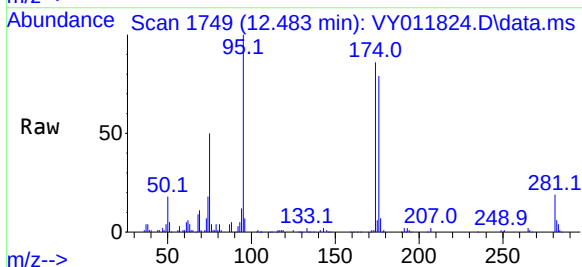
Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)

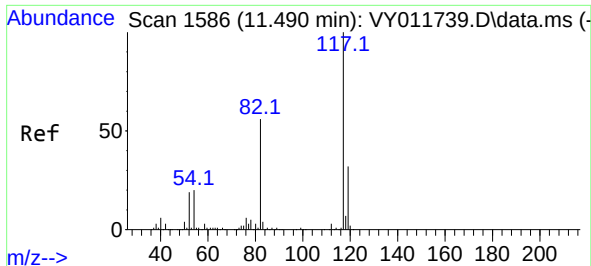
Tgt Ion: 98 Resp: 128264
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 35.168 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Tgt Ion: 95 Resp: 42879
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.0
176 83.8 0.0 167.6

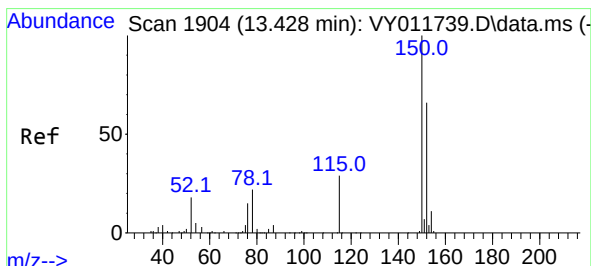
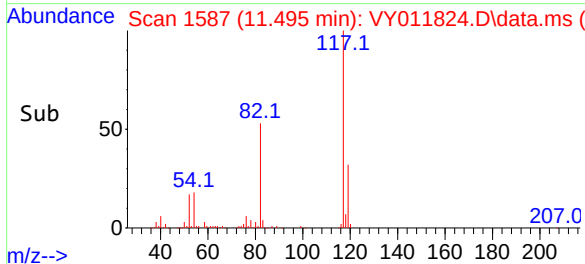
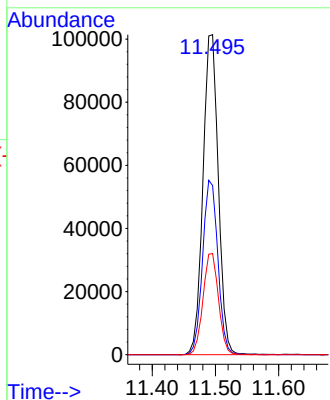
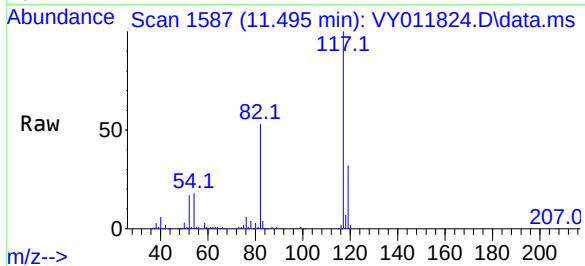




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

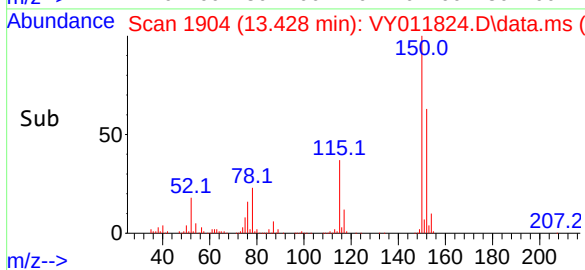
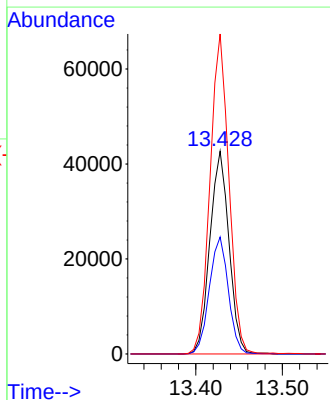
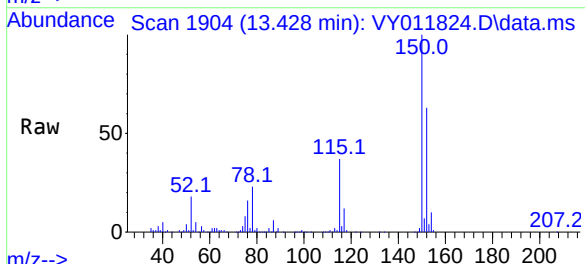
Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)

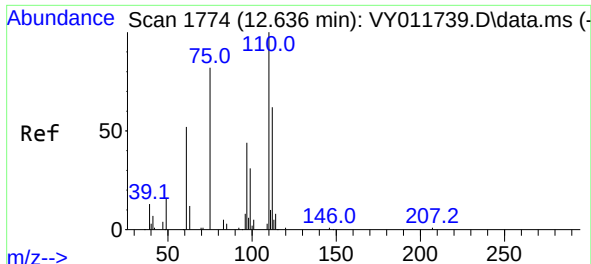
Tgt Ion:117 Resp: 171599
Ion Ratio Lower Upper
117 100
82 52.9 44.8 67.2
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Tgt Ion:152 Resp: 65470
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 155.6 0.0 342.6

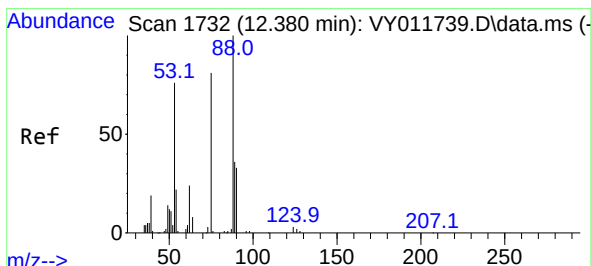
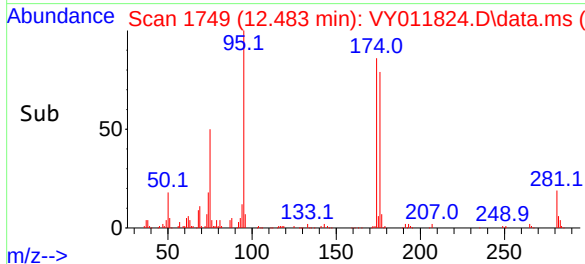
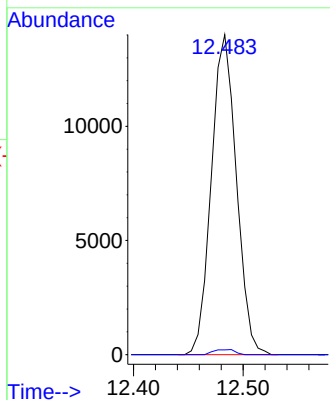
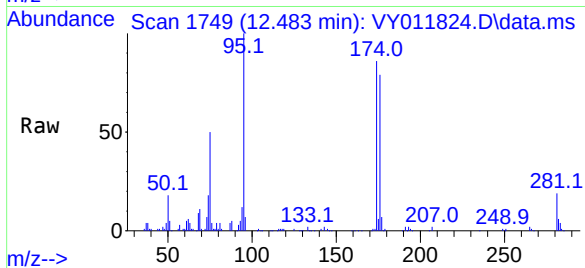




#76
1,2,3-Trichloropropane
Concen: 33.613 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)

Tgt Ion: 75 Resp: 22265
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.276 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Tgt Ion: 75 Resp: 22265
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

