

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011970.D
 Acq On : 22 Dec 2022 13:28
 Operator : KP/MD
 Sample : N6160-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
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Quant Time: Dec 23 04:31:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	193972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123781	63.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.680%
35) Dibromofluoromethane	7.716	113	108771	52.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.179	98	422395	49.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.483	95	131597	46.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.580%

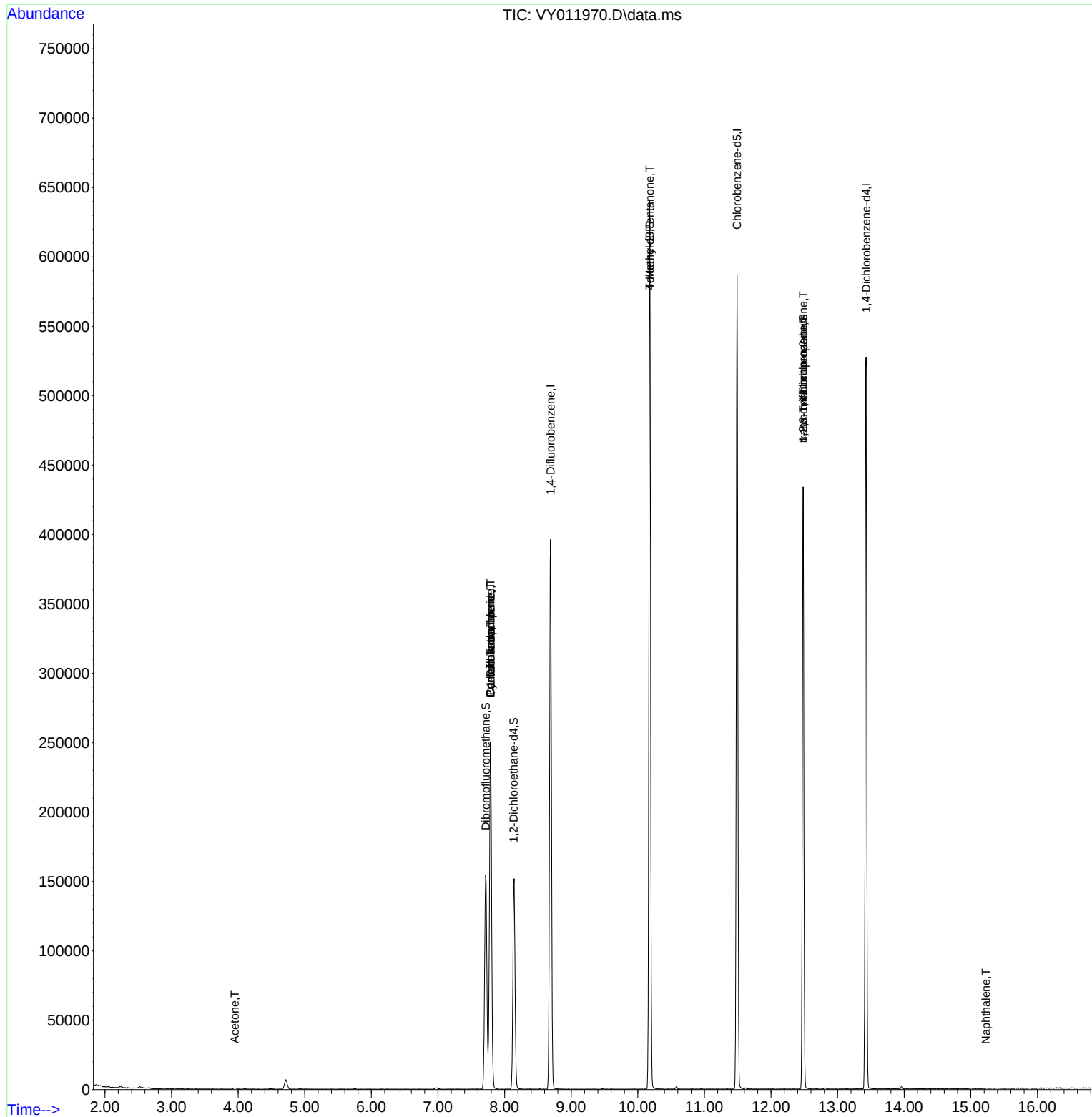
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	239	Below Cal	#	74
16) Acetone	3.948	43	1695	7.723	ug/l #	79
20) Methylene Chloride	4.716	84	5292	Below Cal		93
31) Cyclohexane	7.789	56	3616	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13608	4.072	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19278	4.995	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1532	1.049	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	68165	38.534	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68165	105.527	ug/l #	13
95) Naphthalene	15.227	128	299	2.832	ug/l #	69

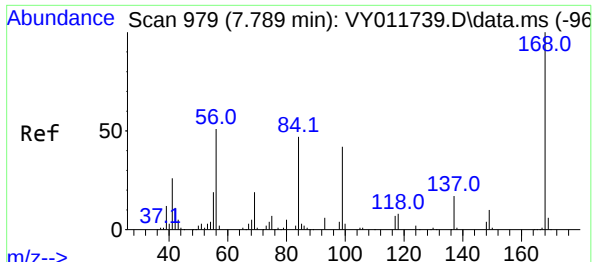
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
Data File : VY011970.D
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Operator : KP/MD
Sample : N6160-11
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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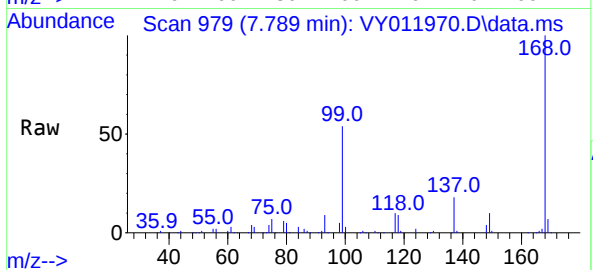
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration



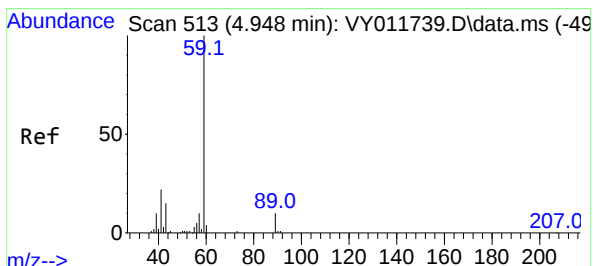
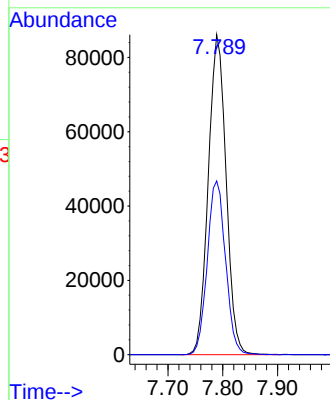
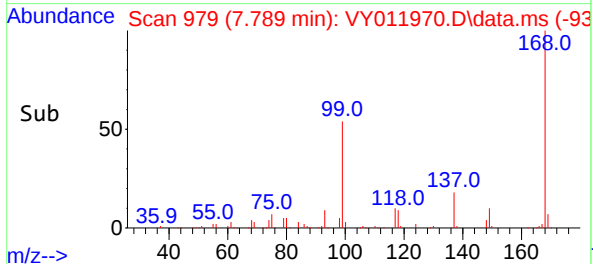


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

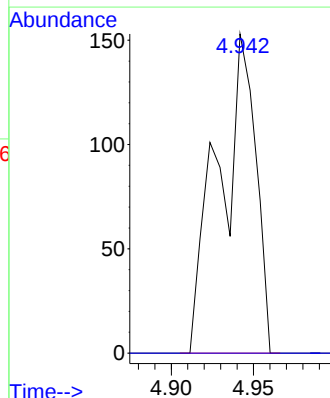
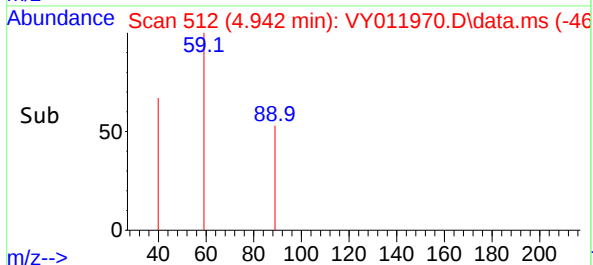
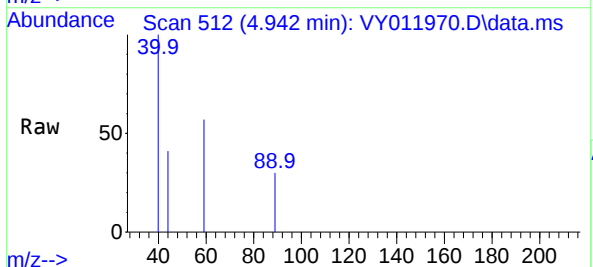


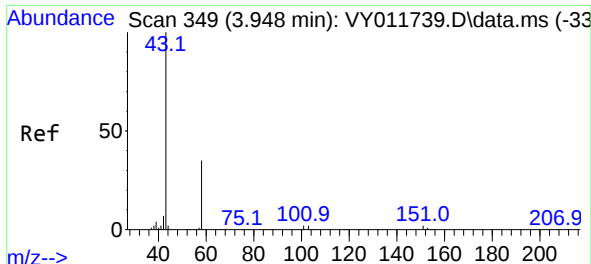
Tgt Ion:168 Resp: 193972
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

Tgt Ion: 59 Resp: 239
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

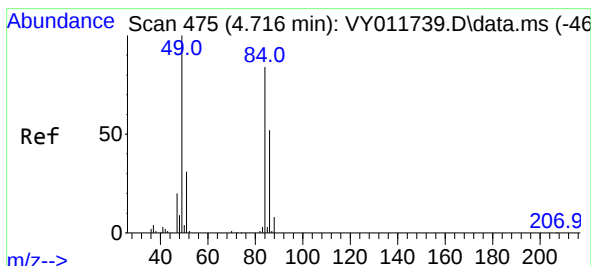
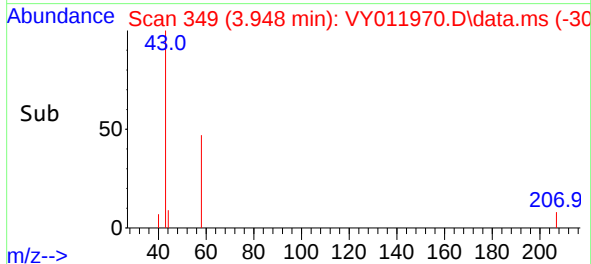
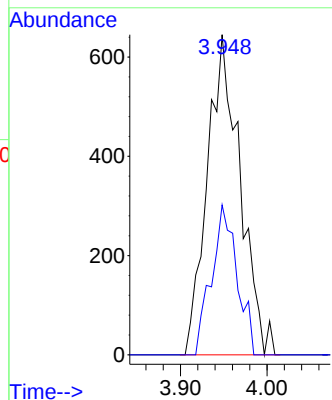
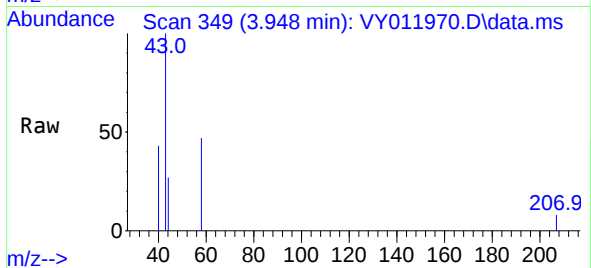




#16
Acetone
Concen: 7.723 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

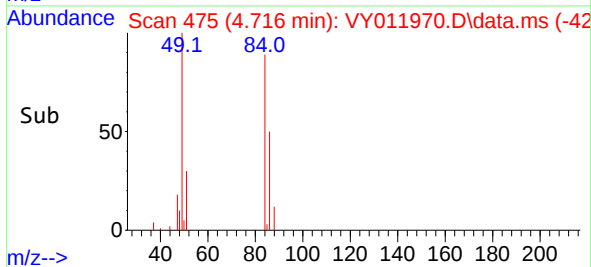
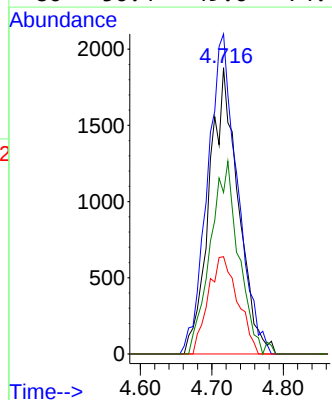
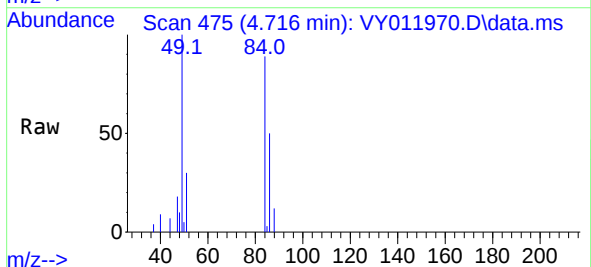
Instrument :
MSVOA_Y
ClientSampleId :
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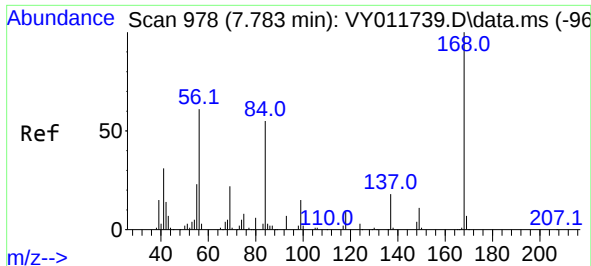
Tgt Ion: 43 Resp: 1695
Ion Ratio Lower Upper
43 100
58 46.8 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

Tgt Ion: 84 Resp: 5292
Ion Ratio Lower Upper
84 100
49 111.8 95.4 143.2
51 34.0 29.9 44.9
86 56.4 49.6 74.4

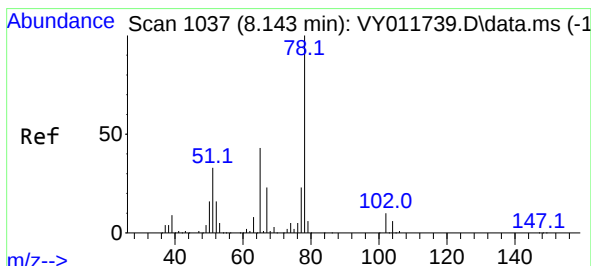
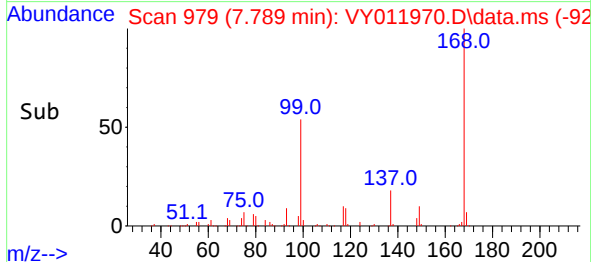
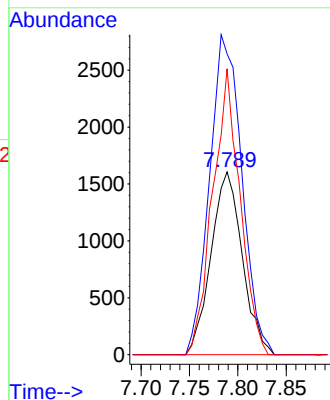
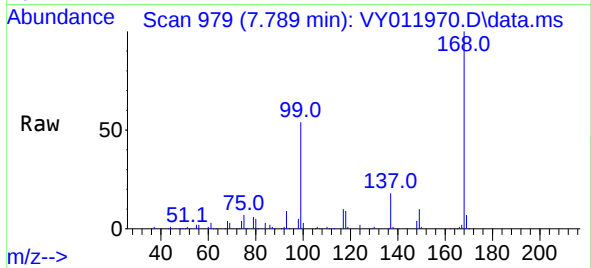




#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

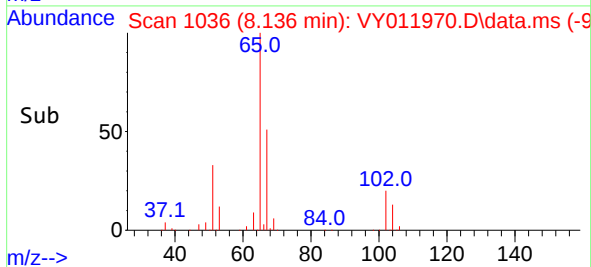
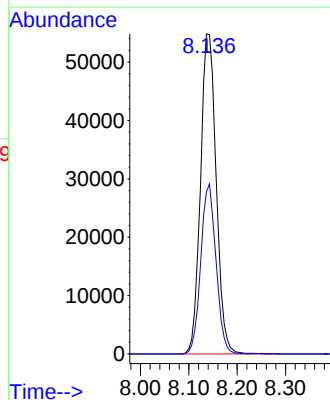
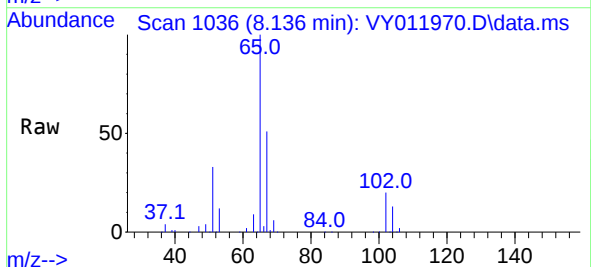
Instrument :
MSVOA_Y
ClientSampleId :
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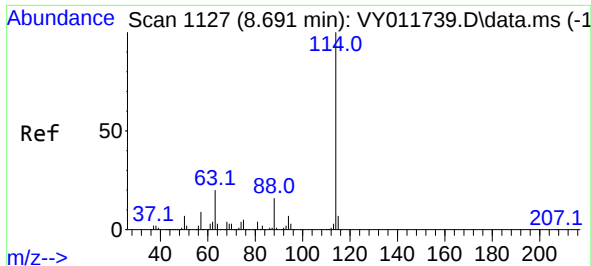
Tgt Ion: 56 Resp: 3616
Ion Ratio Lower Upper
56 100
69 164.6 29.2 43.8#
84 156.4 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 63.340 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

Tgt Ion: 65 Resp: 123781
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: VY011970.D

Acq: 22 Dec 2022 13:28

Instrument :

MSVOA_Y

ClientSampleId :

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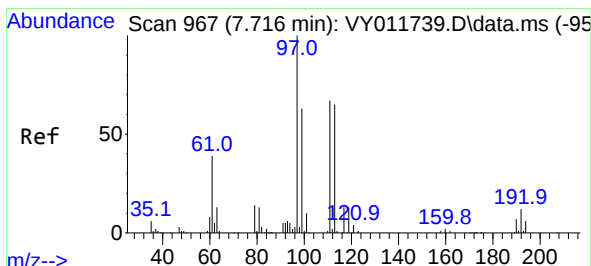
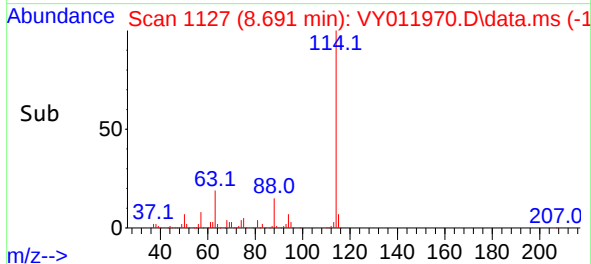
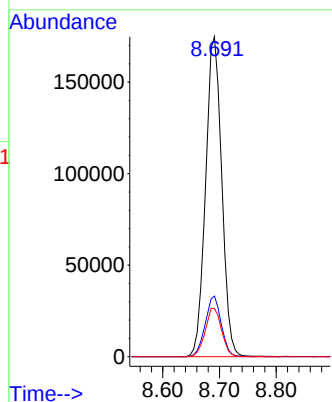
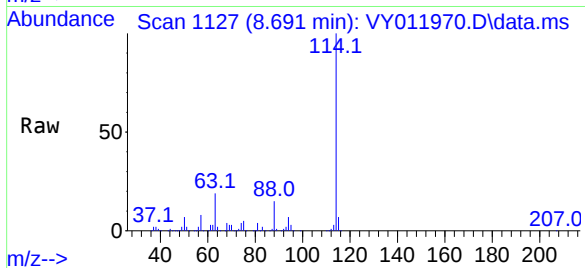
Tgt Ion:114 Resp: 346041

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.212 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011970.D

Acq: 22 Dec 2022 13:28

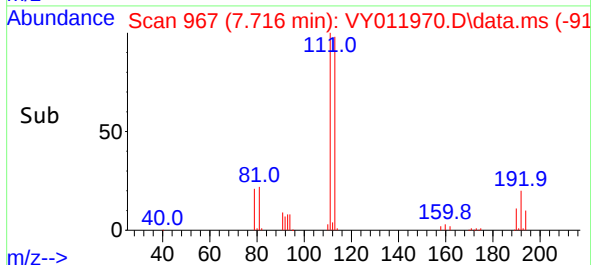
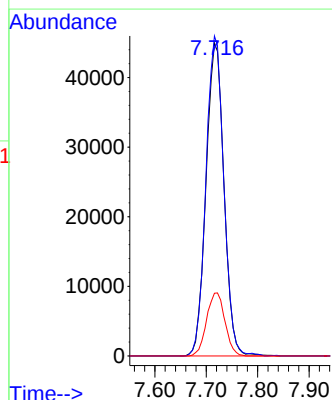
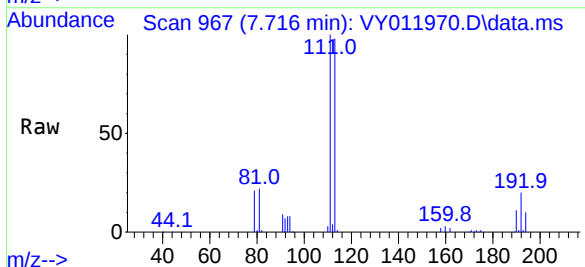
Tgt Ion:113 Resp: 108771

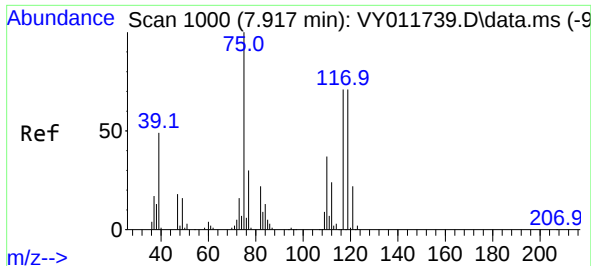
Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 20.6 16.0 24.0

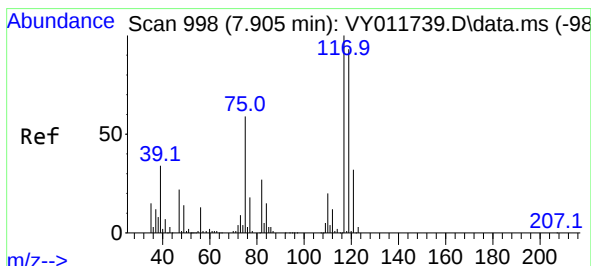
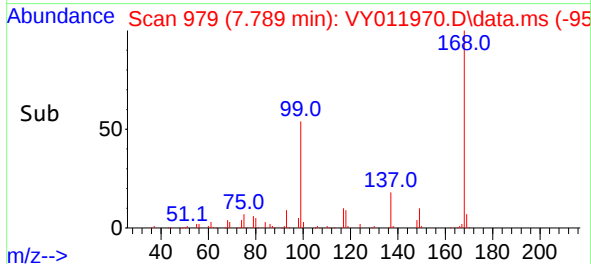
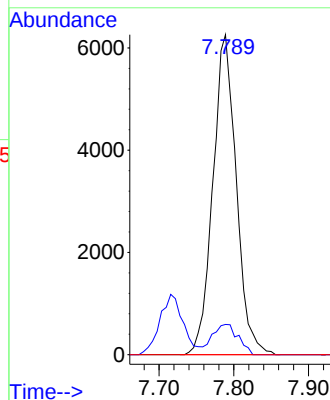
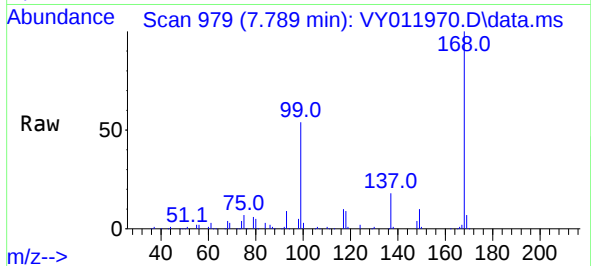




#36
1,1-Dichloropropene
Concen: 4.072 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

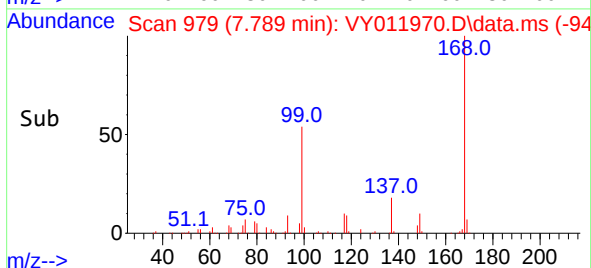
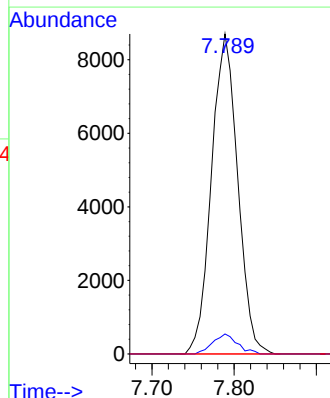
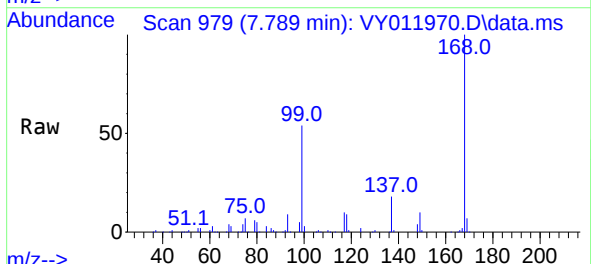
Instrument :
MSVOA_Y
ClientSampleId :
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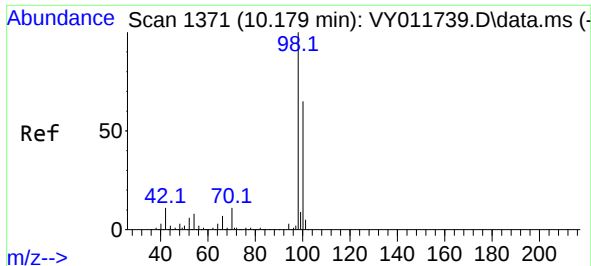
Tgt Ion: 75 Resp: 13608
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.995 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

Tgt Ion: 117 Resp: 19278
Ion Ratio Lower Upper
117 100
119 6.3 73.8 110.8#
121 0.0 25.2 37.8#

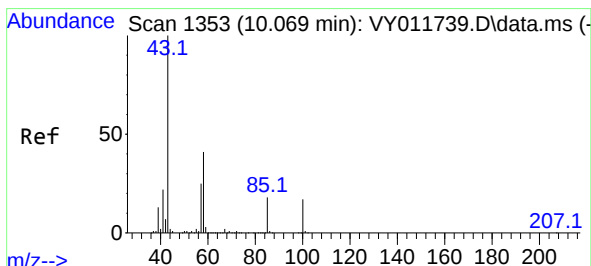
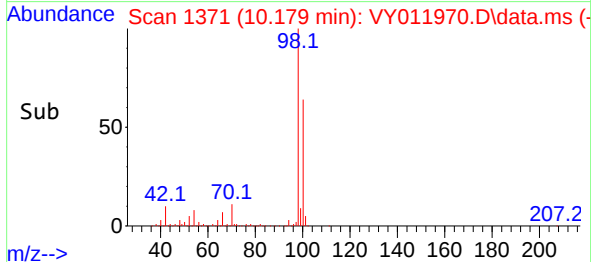
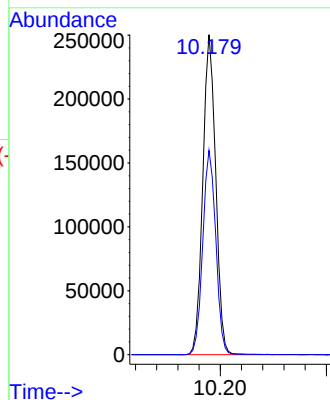
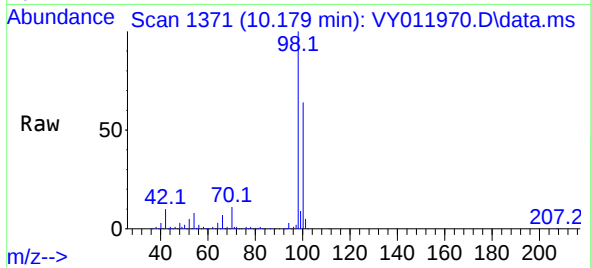




#50
Toluene-d8
Concen: 49.974 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

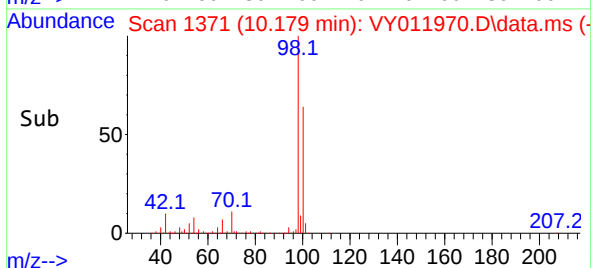
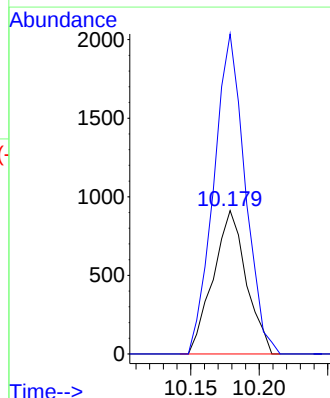
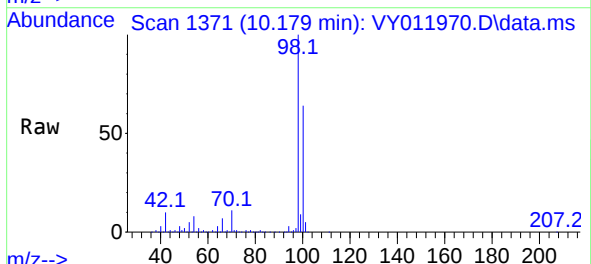
Instrument :
MSVOA_Y
ClientSampleId :
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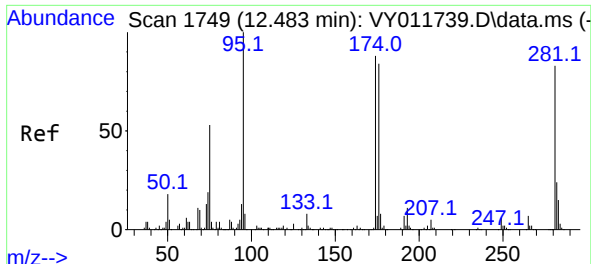
Tgt Ion: 98 Resp: 422395
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.049 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
58 211.6 32.9 49.3#

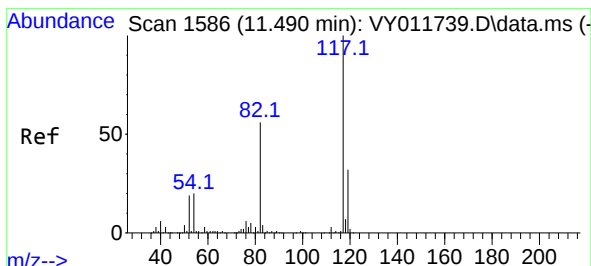
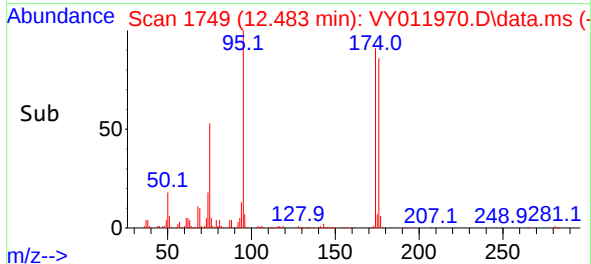
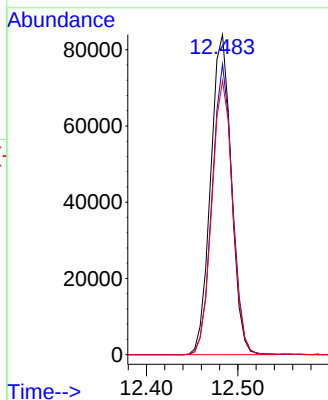
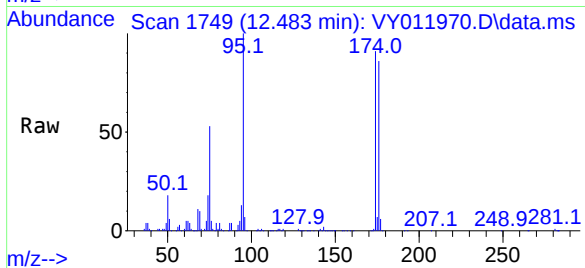




#62
4-Bromofluorobenzene
Concen: 46.293 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

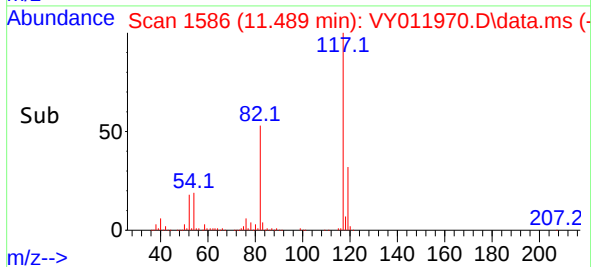
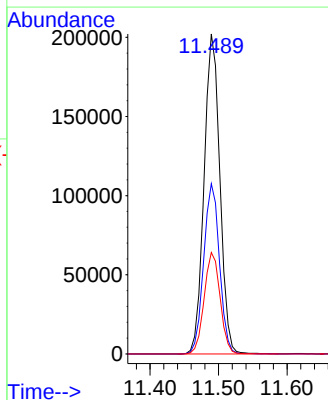
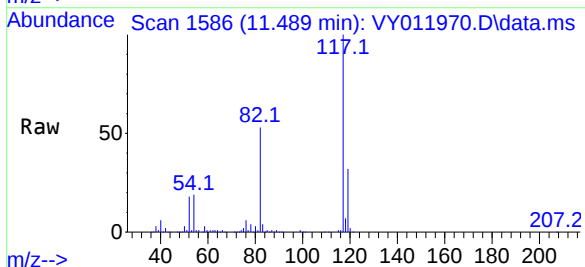
Instrument :
MSVOA_Y
ClientSampleId :
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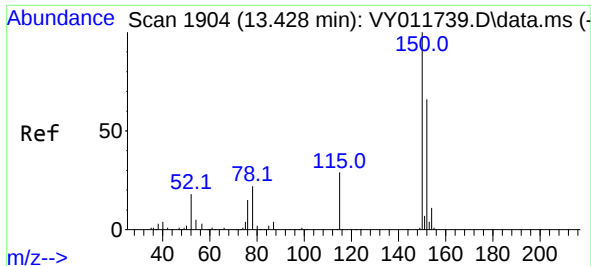
Tgt Ion: 95 Resp: 131597
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.0
176 86.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

Tgt Ion:117 Resp: 324733
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 31.7 25.4 38.2

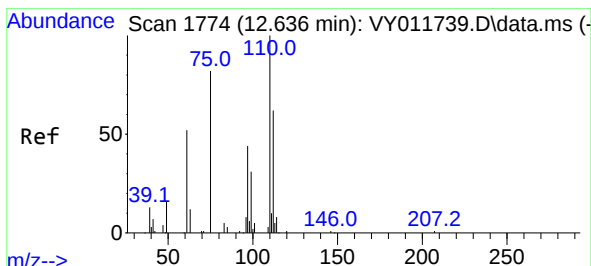
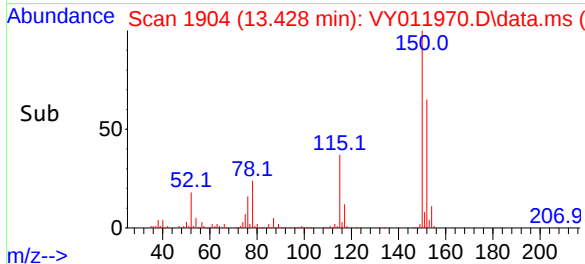
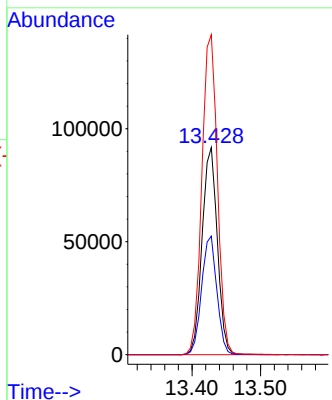
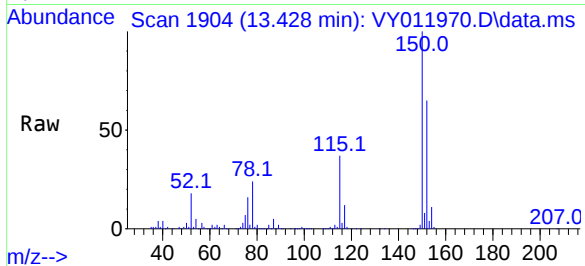




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

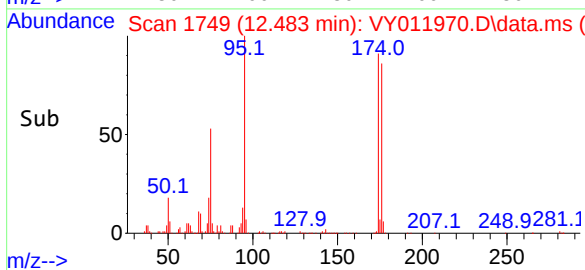
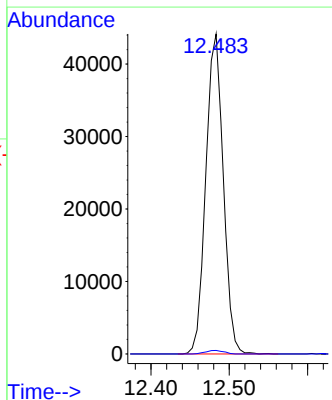
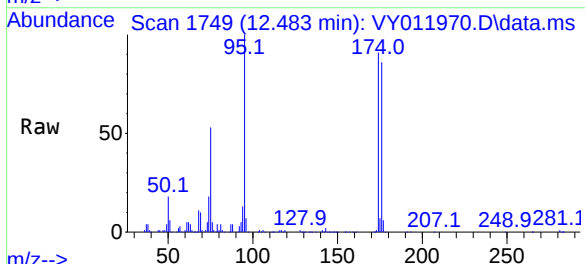
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

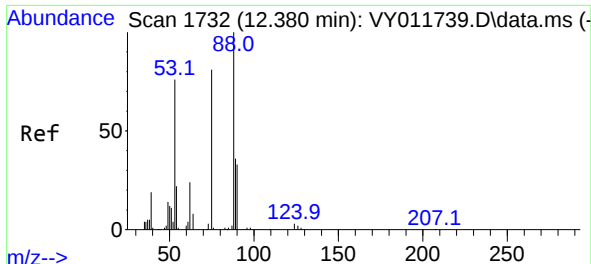
Tgt Ion:152 Resp: 142159
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 157.4 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 38.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

Tgt Ion: 75 Resp: 68165
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

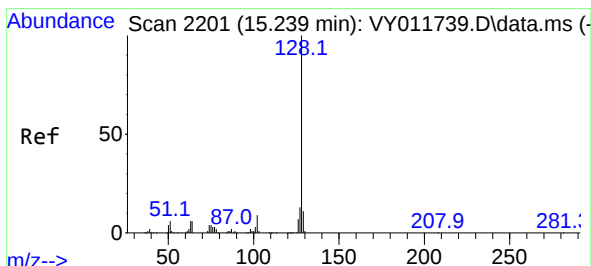
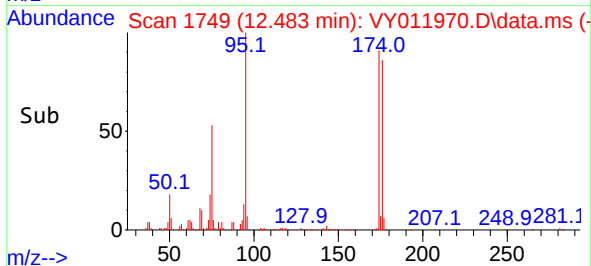
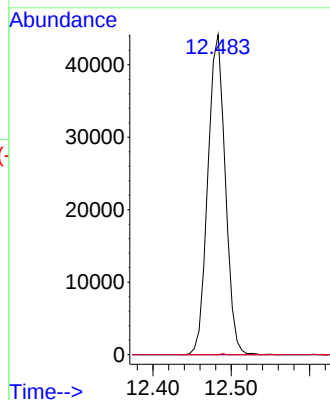
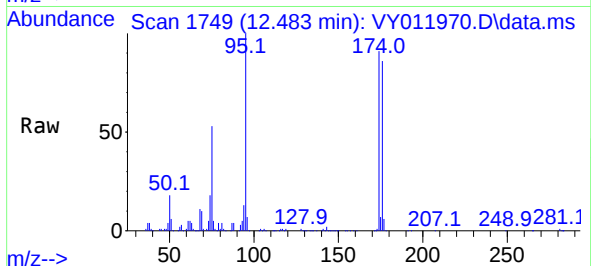




#81
trans-1,4-Dichloro-2-butene
Concen: 105.527 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 68165
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 2.832 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.012 min
Lab File: VY011970.D
Acq: 22 Dec 2022 13:28

Tgt Ion: 128 Resp: 299
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

