

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012002.D
 Acq On : 23 Dec 2022 16:58
 Operator : KP/MD
 Sample : N6178-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:26:32 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)

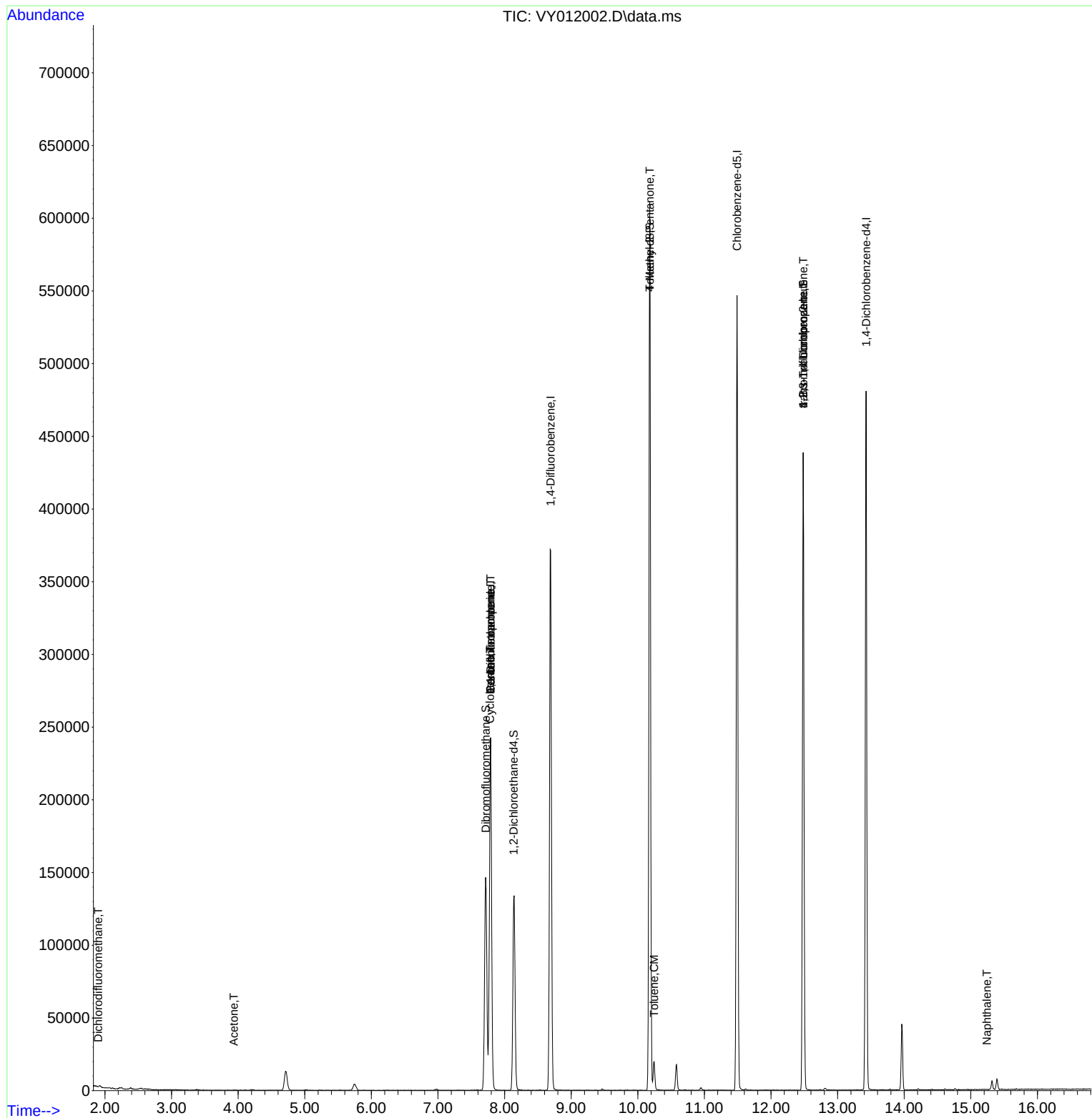
Internal Standards						
1) Pentafluorobenzene	7.789	168	187141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109238	57.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.880%	
35) Dibromofluoromethane	7.716	113	103203	52.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.080%	
50) Toluene-d8	10.179	98	402137	49.977	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.483	95	121116	44.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72	2.513	ug/l #	41
16) Acetone	3.936	43	216	5.251	ug/l #	40
20) Methylene Chloride	4.722	84	10500	Below Cal		86
31) Cyclohexane	7.783	56	3559	1.121	ug/l #	2
36) 1,1-Dichloropropene	7.789	75	13373	4.204	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18943	5.156	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1489	1.071	ug/l #	1
52) Toluene	10.246	92	8250	1.422	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	63840	40.525	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63840	110.978	ug/l #	13
95) Naphthalene	15.239	128	109	2.800	ug/l #	69

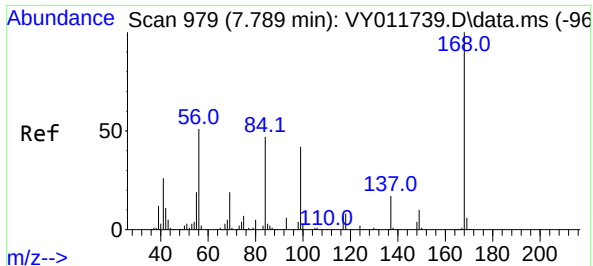
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
Data File : VY012002.D
Acq On : 23 Dec 2022 16:58
Operator : KP/MD
Sample : N6178-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 23 22:26:32 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

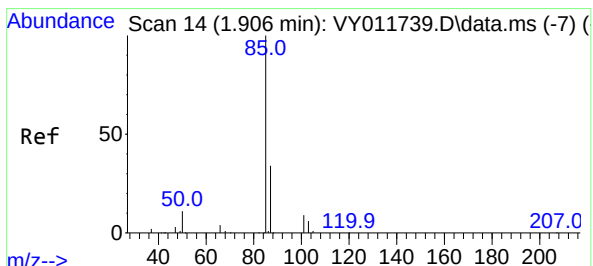
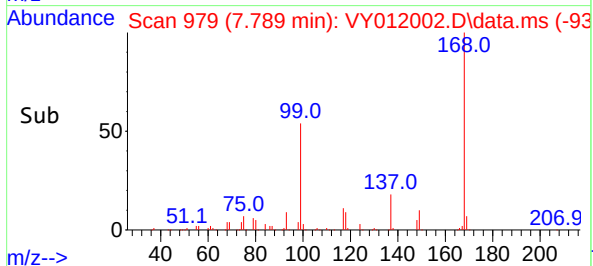
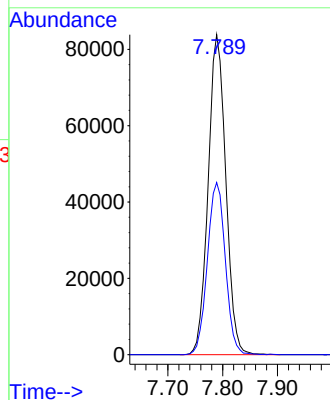
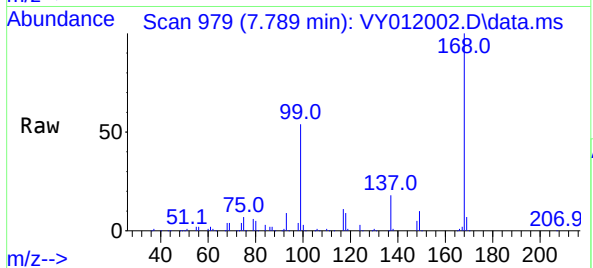




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

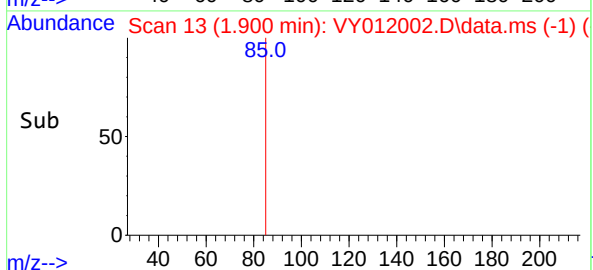
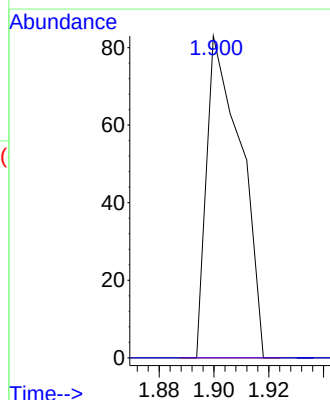
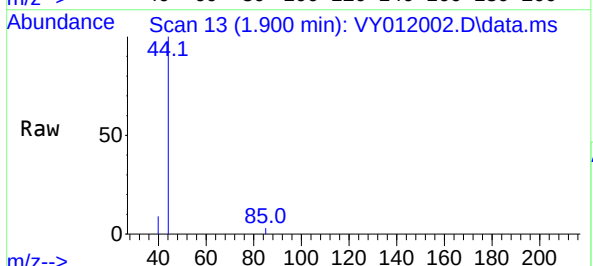
Instrument :
MSVOA_Y
ClientSampleId :

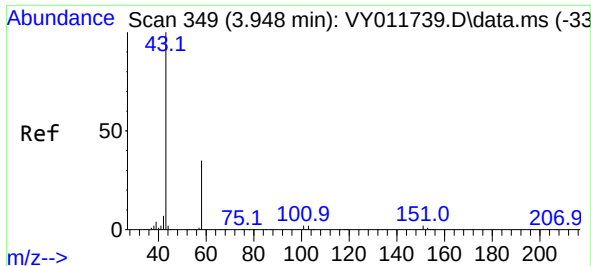
Tgt Ion:168 Resp: 187141
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.513 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

Tgt Ion: 85 Resp: 72
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

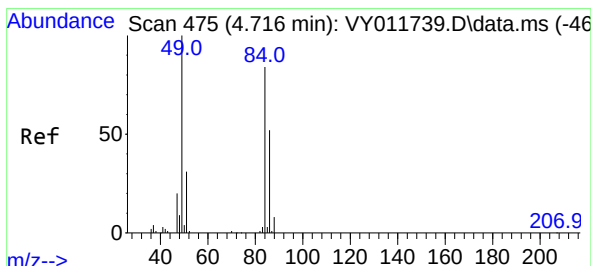
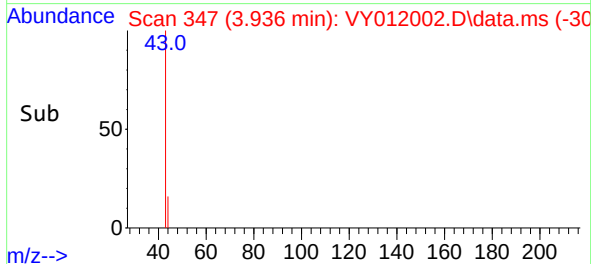
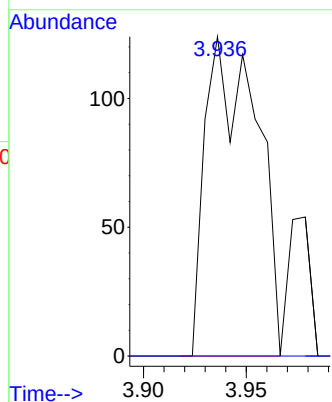
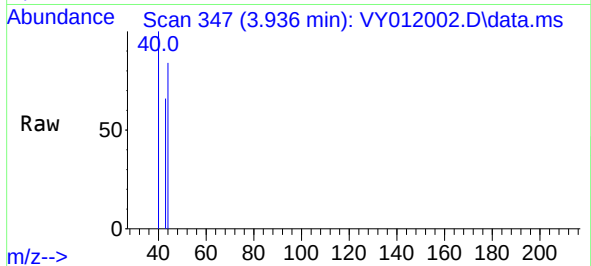




#16
Acetone
Concen: 5.251 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

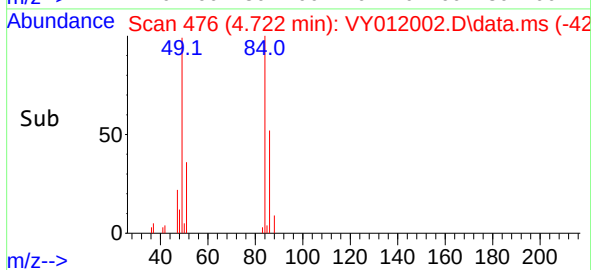
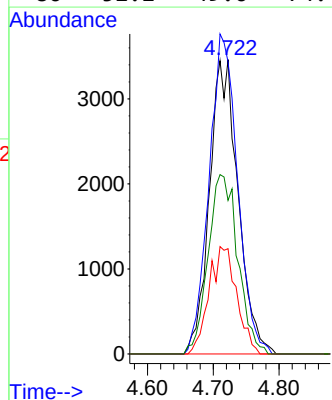
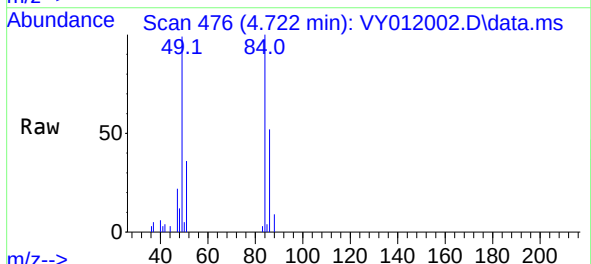
Instrument :
MSVOA_Y
ClientSampleId :

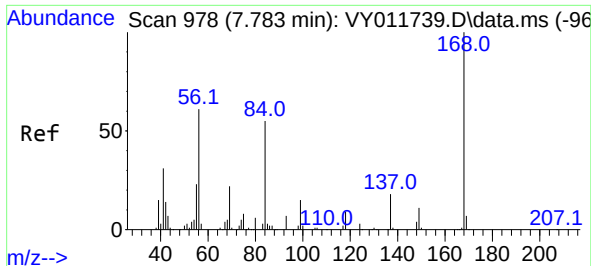
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

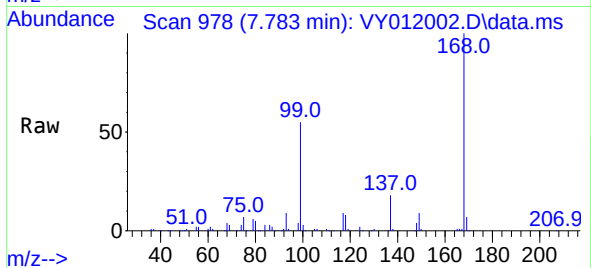
Tgt Ion: 84 Resp: 10500
Ion Ratio Lower Upper
84 100
49 99.2 95.4 143.2
51 35.7 29.9 44.9
86 52.2 49.6 74.4



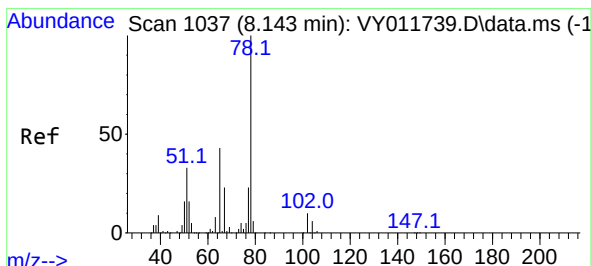
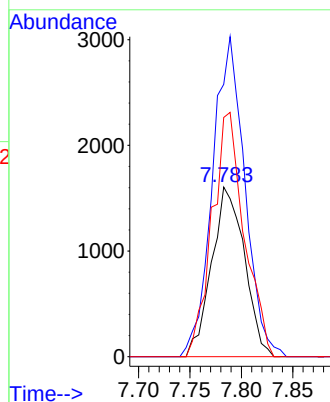
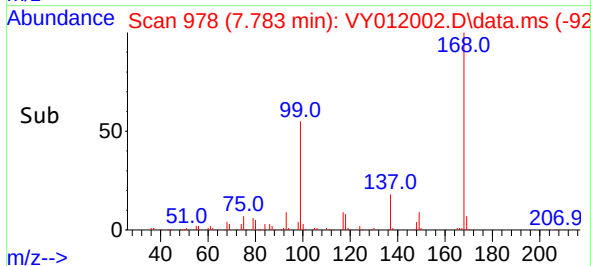


#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

Instrument :
MSVOA_Y
ClientSampleId :

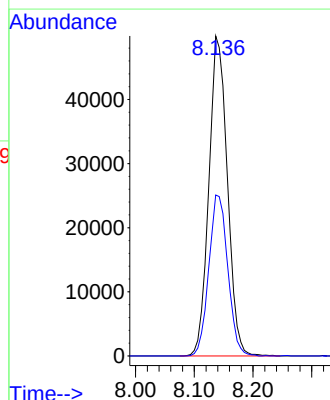
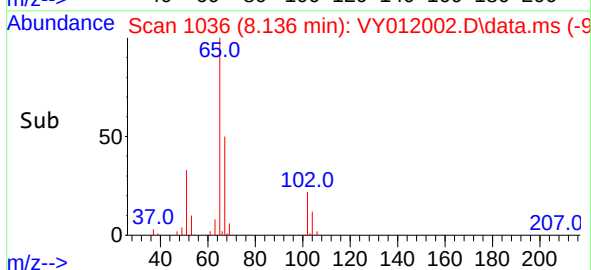
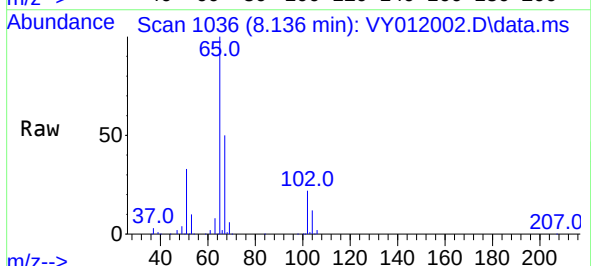


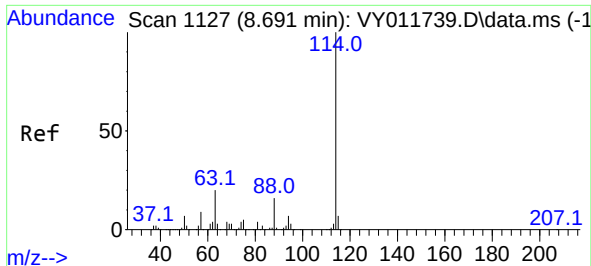
Tgt Ion: 56 Resp: 3559
Ion Ratio Lower Upper
56 100
69 160.5 29.2 43.8#
84 141.0 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 57.939 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

Tgt Ion: 65 Resp: 109238
Ion Ratio Lower Upper
65 100
67 51.5 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: VY012002.D

Acq: 23 Dec 2022 16:58

Instrument :

MSVOA_Y

ClientSampleId :

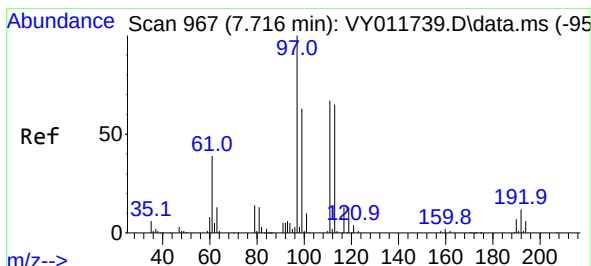
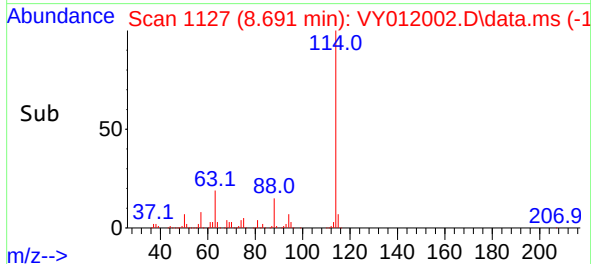
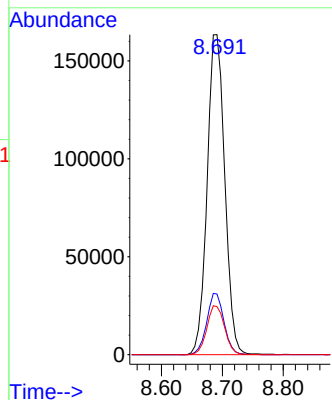
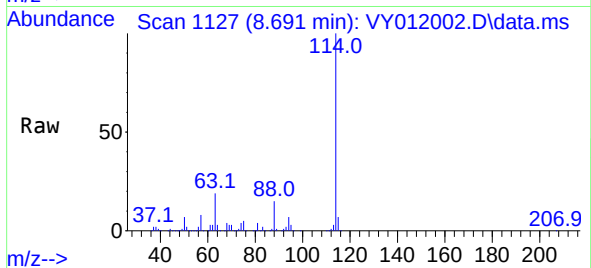
Tgt Ion:114 Resp: 329425

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.038 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012002.D

Acq: 23 Dec 2022 16:58

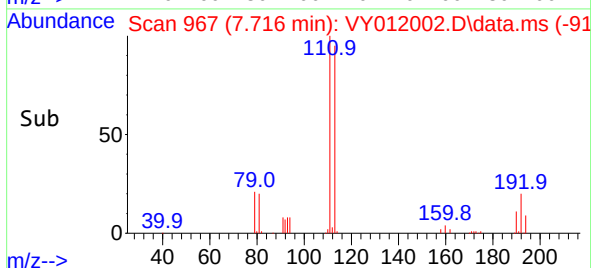
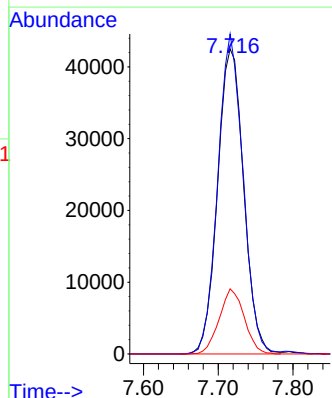
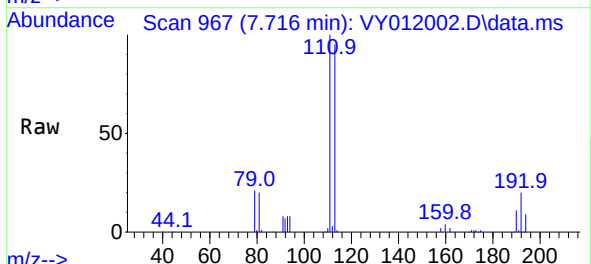
Tgt Ion:113 Resp: 103203

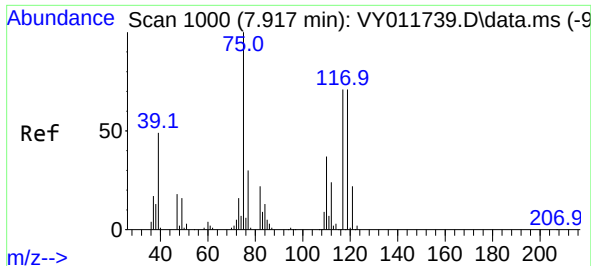
Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

192 20.5 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.204 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

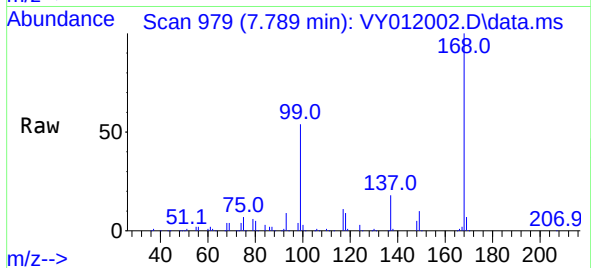
Lab File: VY012002.D

Acq: 23 Dec 2022 16:58

Instrument :

MSVOA_Y

ClientSampleId :



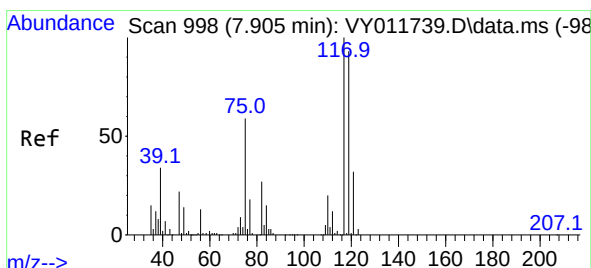
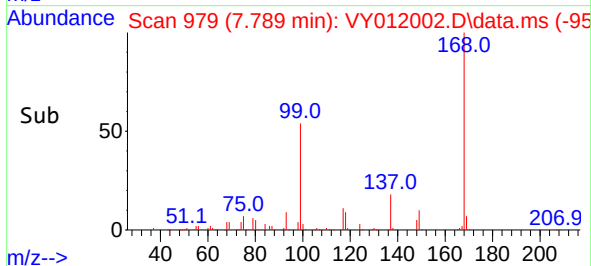
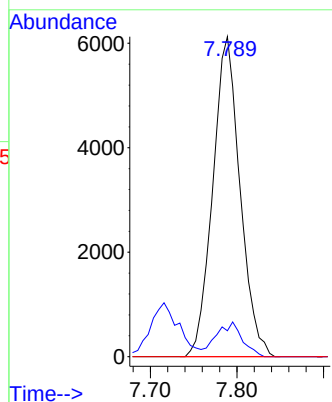
Tgt Ion: 75 Resp: 13373

Ion Ratio Lower Upper

75 100

110 10.3 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.156 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY012002.D

Acq: 23 Dec 2022 16:58

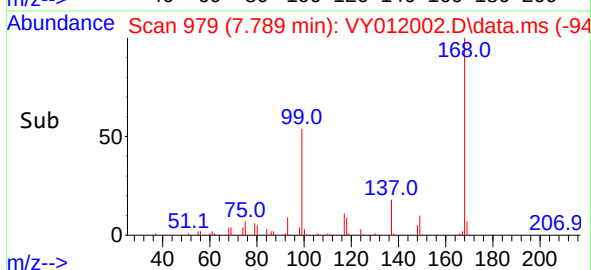
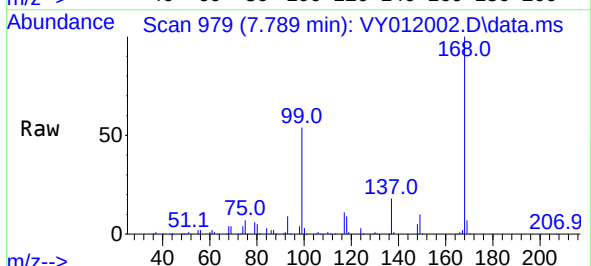
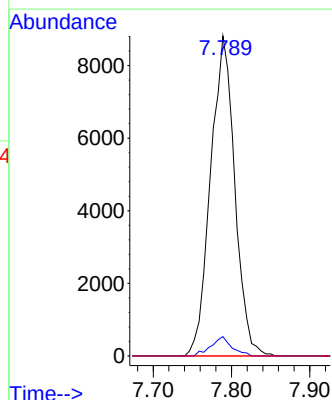
Tgt Ion: 117 Resp: 18943

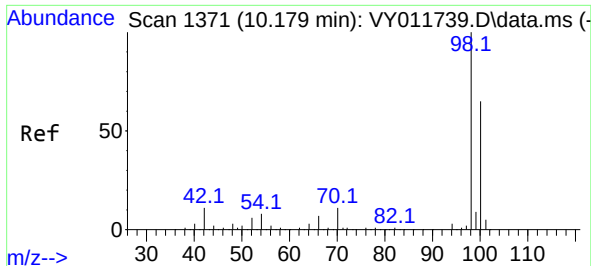
Ion Ratio Lower Upper

117 100

119 6.1 73.8 110.8#

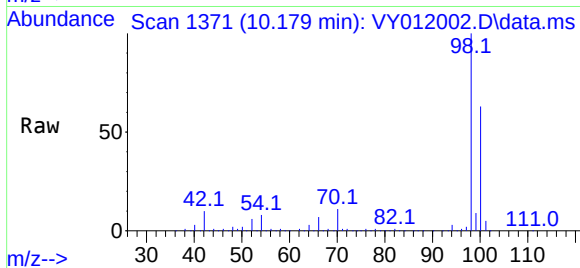
121 0.0 25.2 37.8#



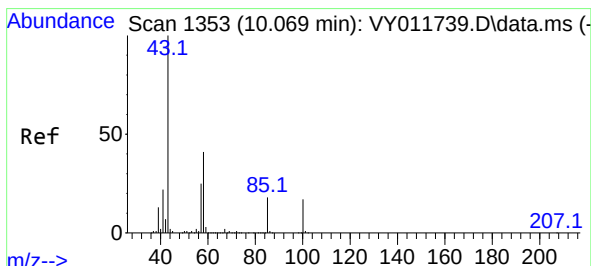
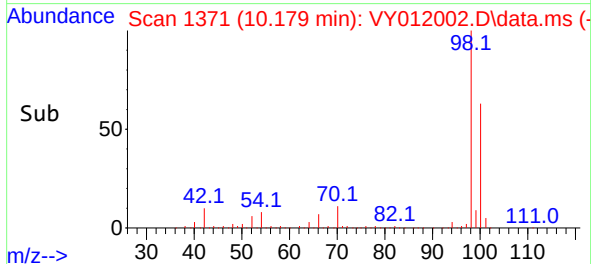
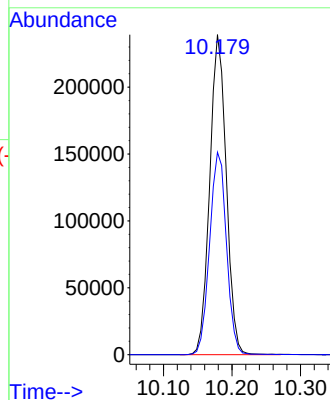


#50
Toluene-d8
Concen: 49.977 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

Instrument :
MSVOA_Y
ClientSampleId :

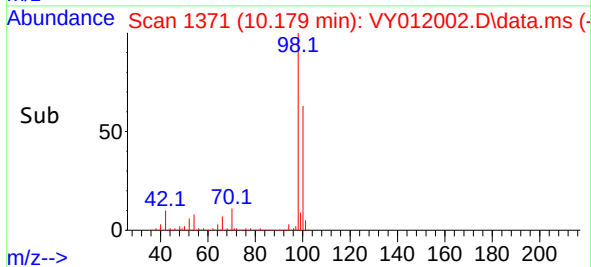
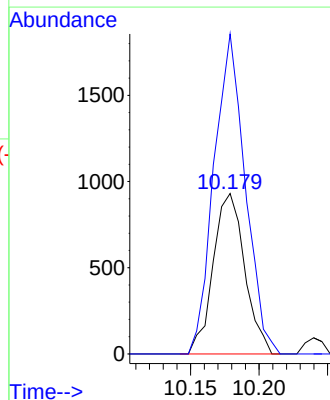
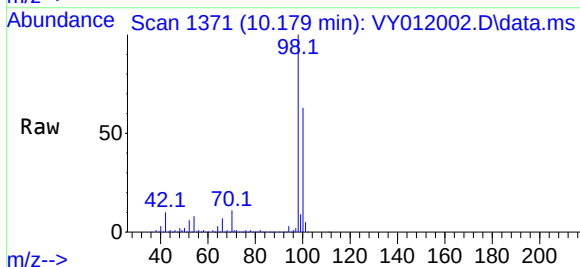


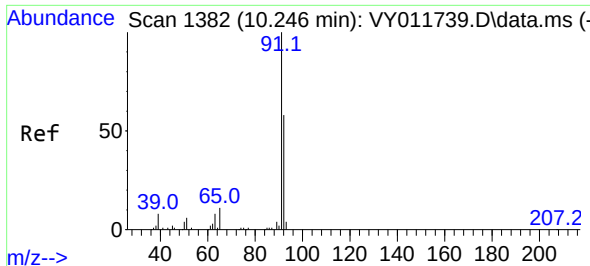
Tgt Ion: 98 Resp: 402137
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.071 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 197.7 32.9 49.3#

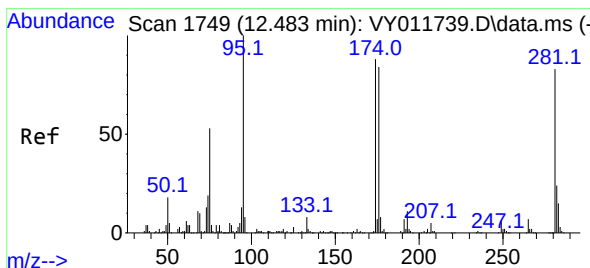
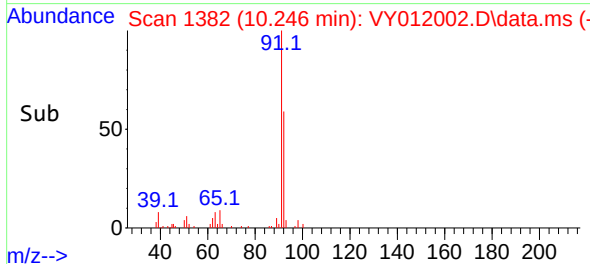
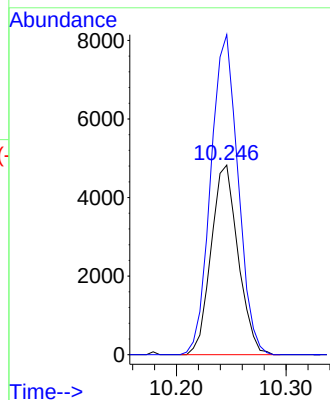
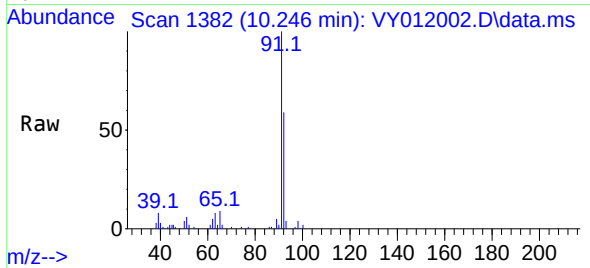




#52
Toluene
Concen: 1.422 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

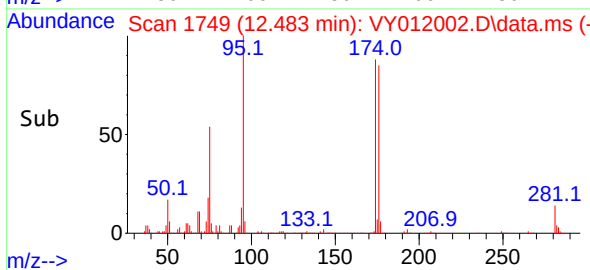
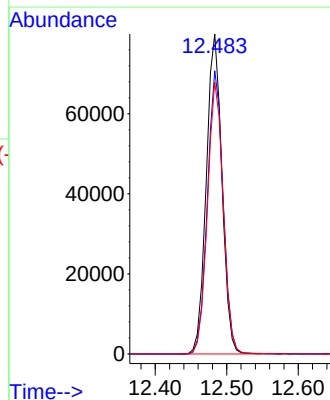
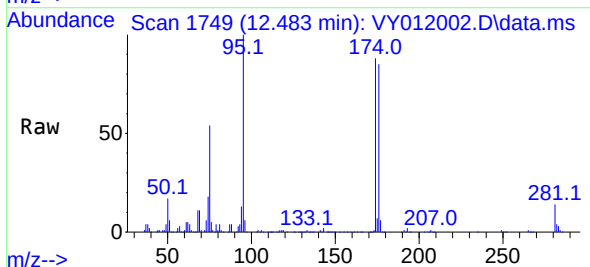
Instrument :
MSVOA_Y
ClientSampleId :

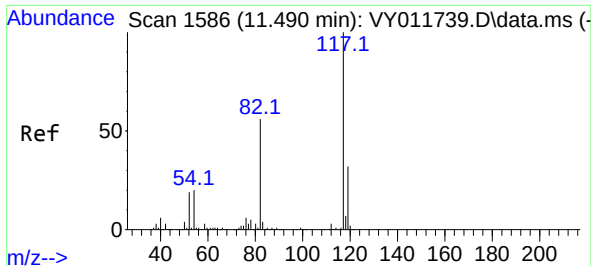
Tgt Ion: 92 Resp: 8250
Ion Ratio Lower Upper
92 100
91 170.6 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 44.755 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

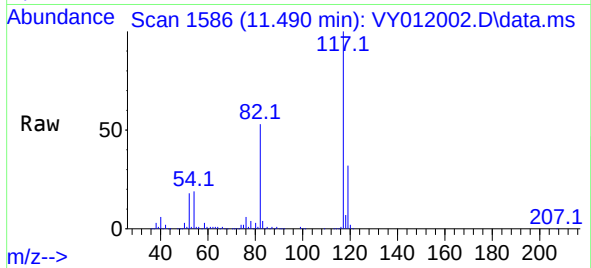
Tgt Ion: 95 Resp: 121116
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.0
176 85.7 0.0 167.6



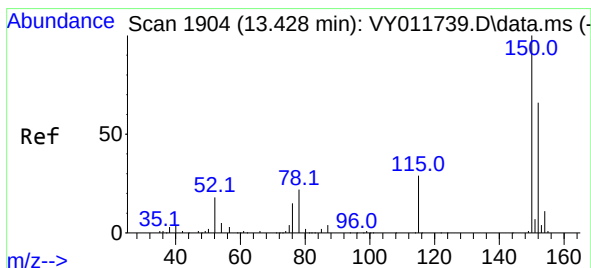
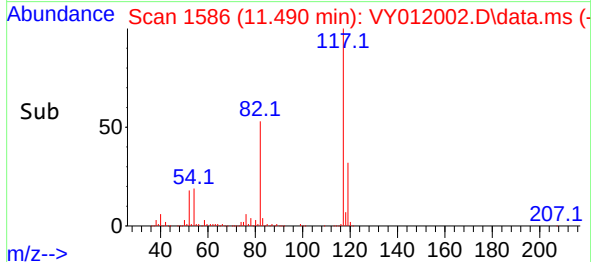
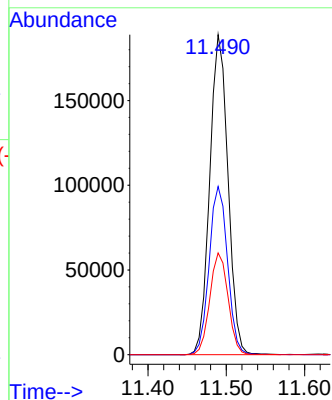


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

Instrument :
MSVOA_Y
ClientSampleId :

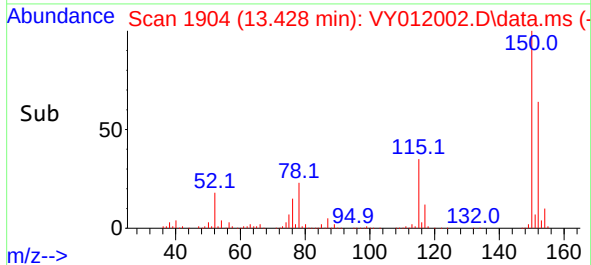
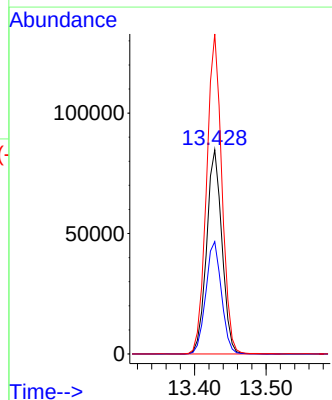
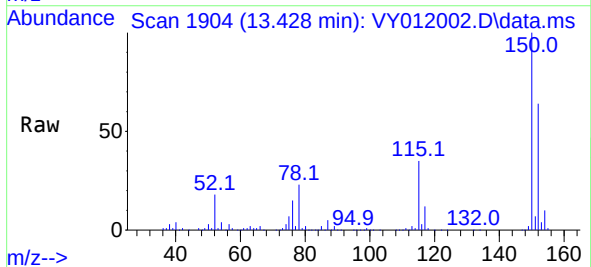


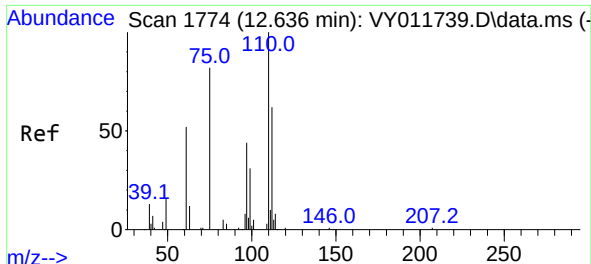
Tgt Ion:117 Resp: 305455
Ion Ratio Lower Upper
117 100
82 52.6 44.8 67.2
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

Tgt Ion:152 Resp: 126599
Ion Ratio Lower Upper
152 100
115 56.1 29.1 87.3
150 156.1 0.0 342.6

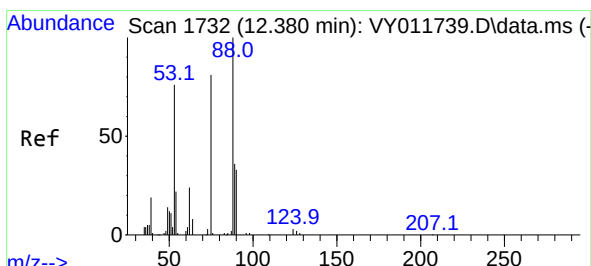
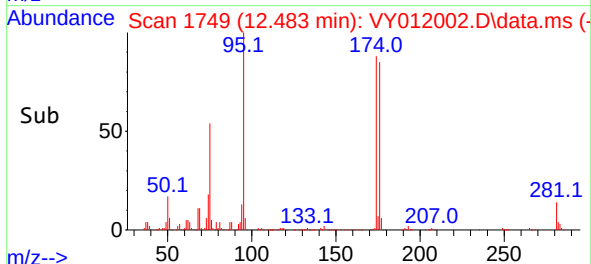
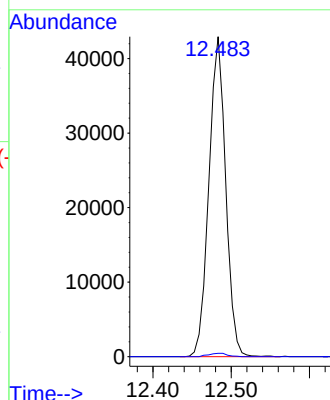
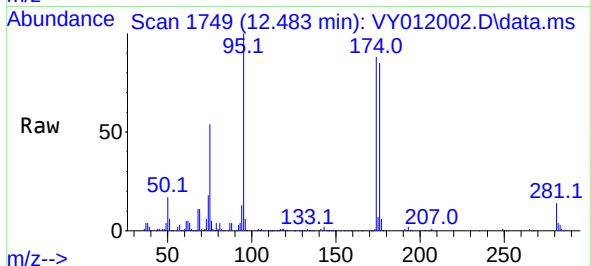




#76
1,2,3-Trichloropropane
Concen: 40.525 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

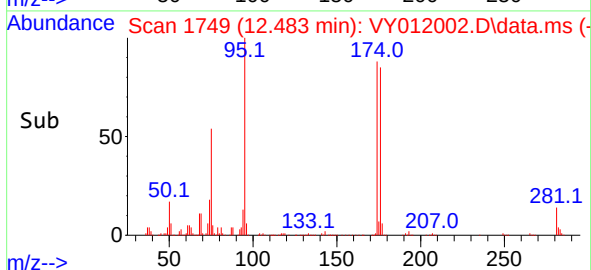
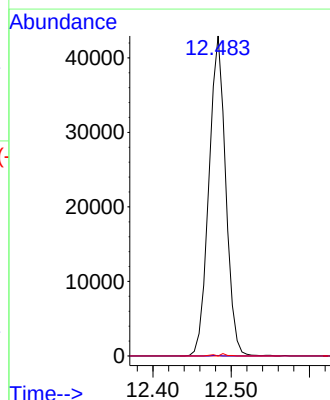
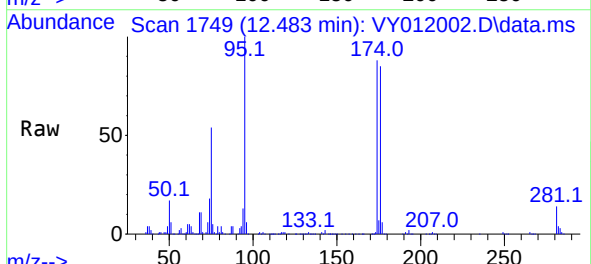
Instrument :
MSVOA_Y
ClientSampleId :

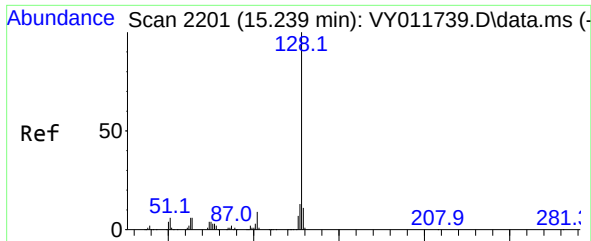
Tgt Ion: 75 Resp: 63840
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.978 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

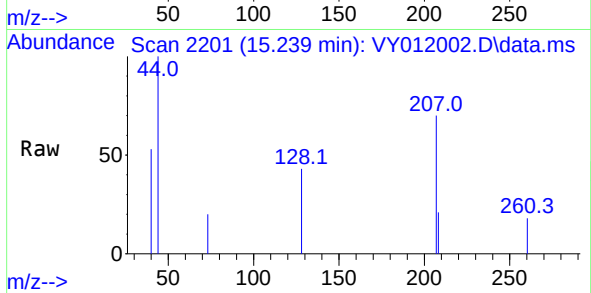
Tgt Ion: 75 Resp: 63840
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.4 37.0 55.4#





#95
Naphthalene
Concen: 2.800 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY012002.D
Acq: 23 Dec 2022 16:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	109
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#

