

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011939.D
 Acq On : 21 Dec 2022 12:17
 Operator : KP/MD
 Sample : VY1221SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBL01

Quant Time: Dec 22 00:12:35 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)

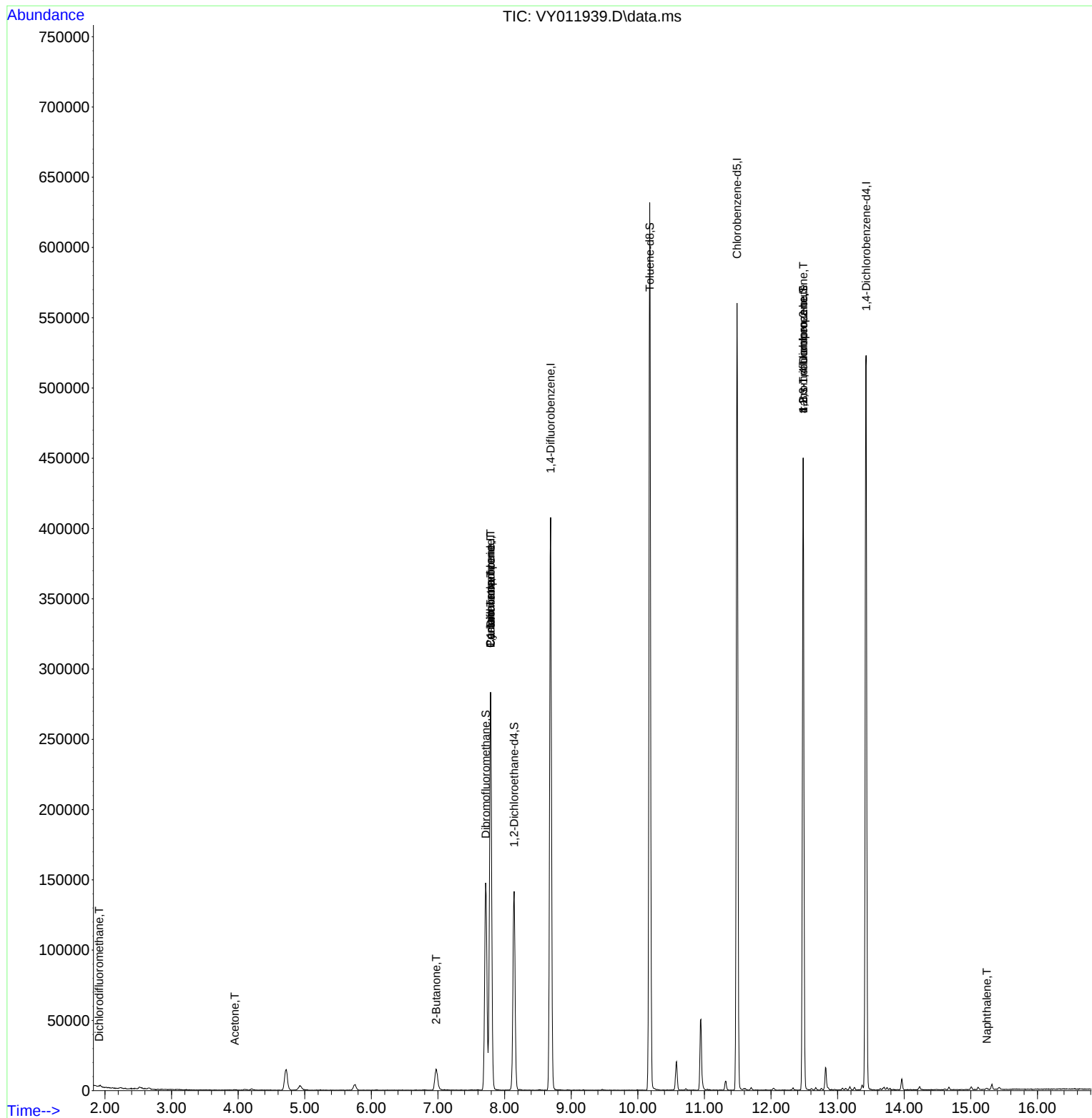
Internal Standards						
1) Pentafluorobenzene	7.789	168	216816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	351772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	311120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113378	51.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.800%	
35) Dibromofluoromethane	7.716	113	104560	49.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.740%	
50) Toluene-d8	10.179	98	413884	48.169	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.340%	
62) 4-Bromofluorobenzene	12.483	95	129742	44.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.800%	
Target Compounds						
2) Dichlorodifluoromethane	1.912	85	105	2.525	ug/l #	41
11) Tert butyl alcohol	4.924	59	3497	Below Cal	#	74
16) Acetone	3.948	43	552	5.704	ug/l	96
20) Methylene Chloride	4.722	84	12088	Below Cal		92
25) 2-Butanone	6.972	43	854	1.174	ug/l #	82
31) Cyclohexane	7.789	56	4168	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15510	4.566	ug/l #	50
38) Carbon Tetrachloride	7.789	117	21878	5.577	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	66847	37.793	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66847	103.496	ug/l #	13
95) Naphthalene	15.239	128	1275	3.008	ug/l #	88

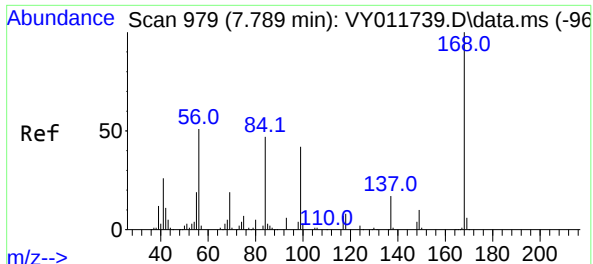
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Dec 22 00:12:35 2022
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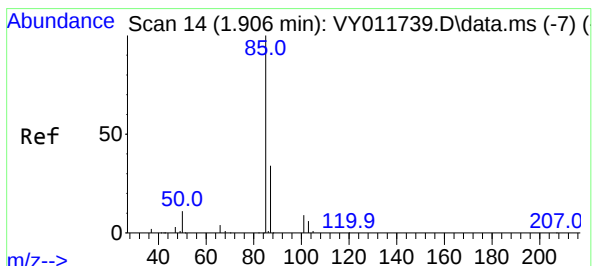
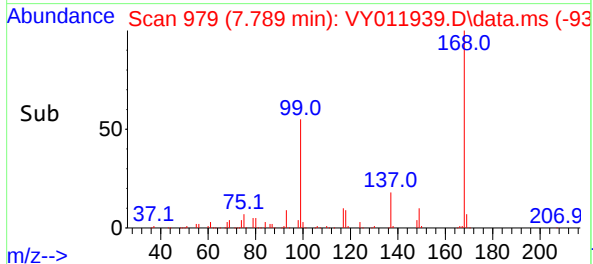
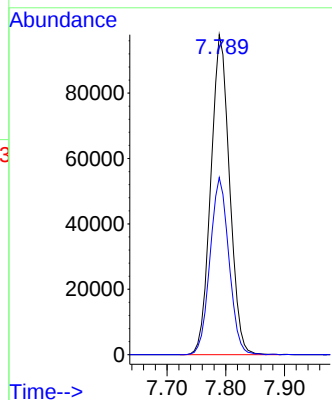
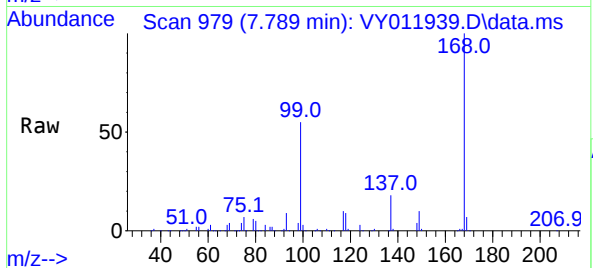




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

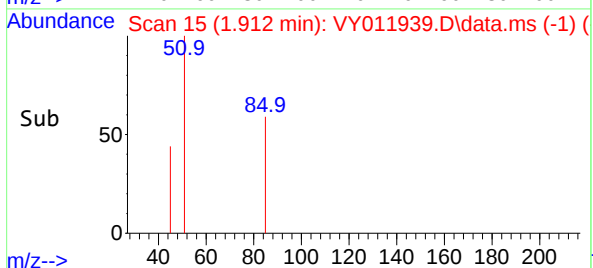
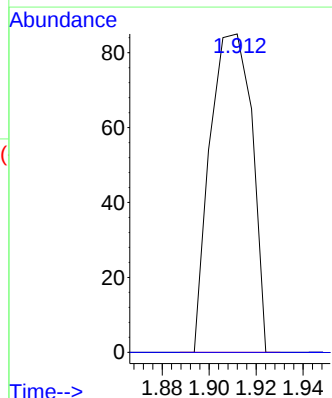
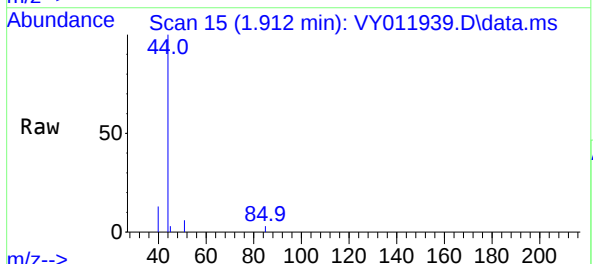
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL01

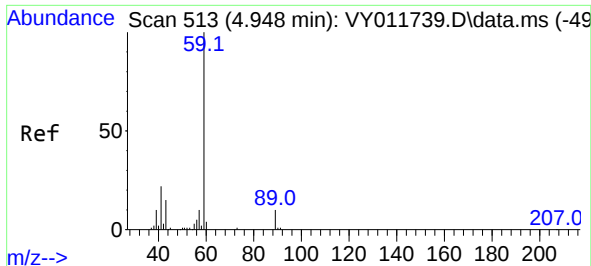
Tgt Ion:168 Resp: 216816
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.525 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 85 Resp: 105
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

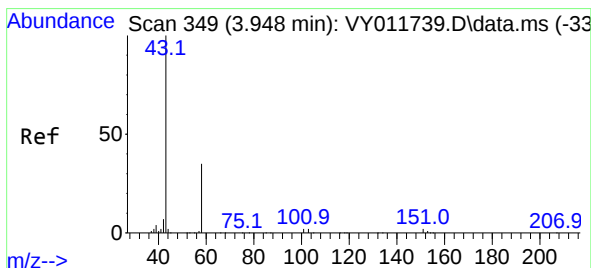
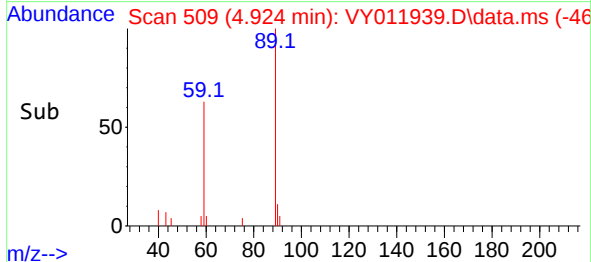
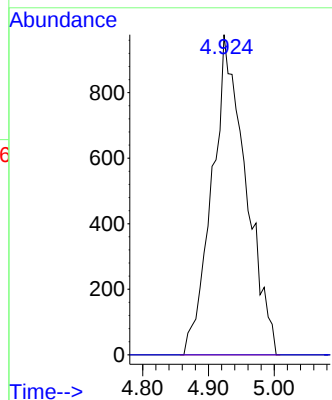
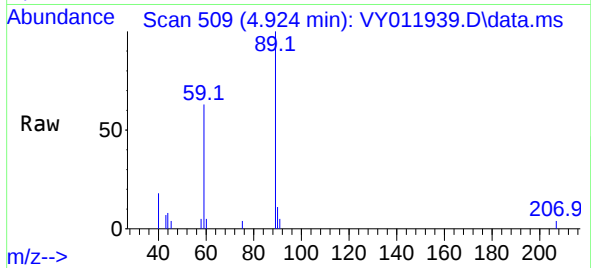




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

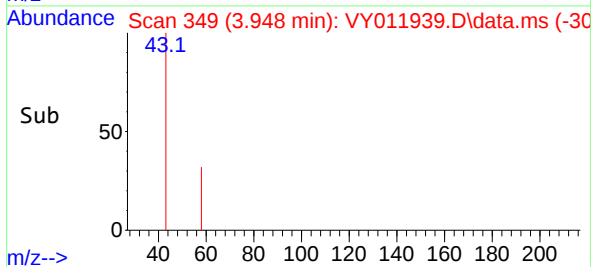
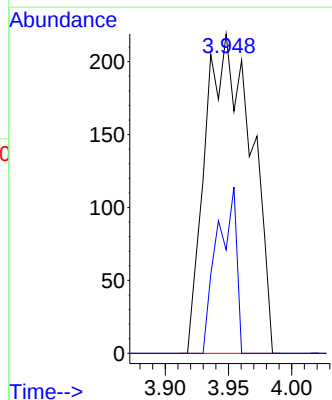
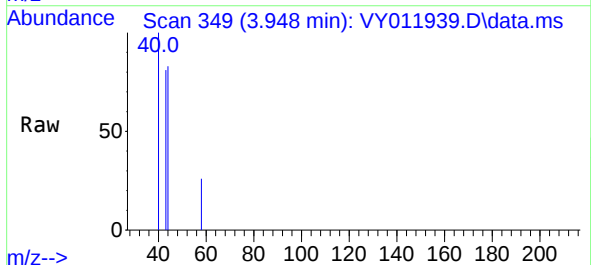
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL01

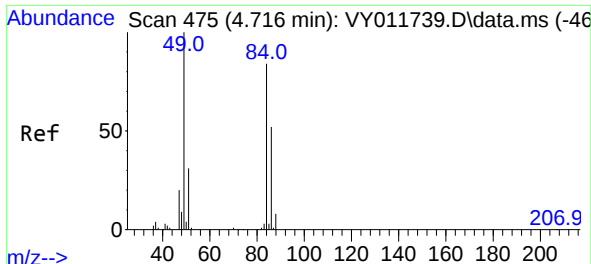
Tgt Ion: 59 Resp: 3497
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 5.704 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 32.4 27.9 41.9



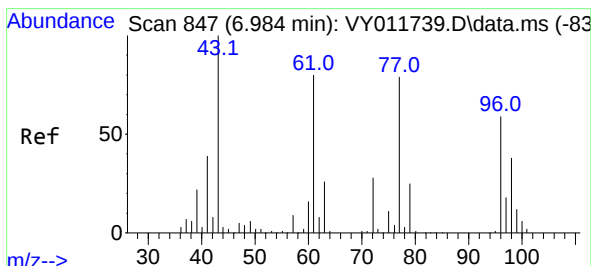
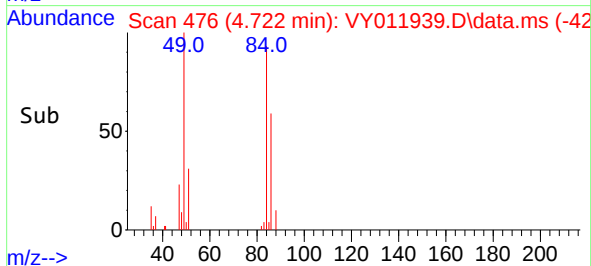
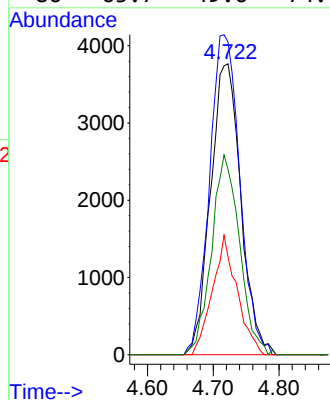
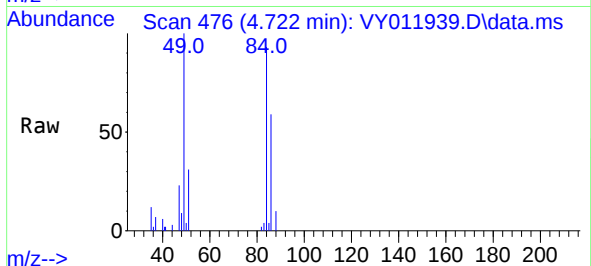


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL01

Tgt Ion: 84 Resp: 12088

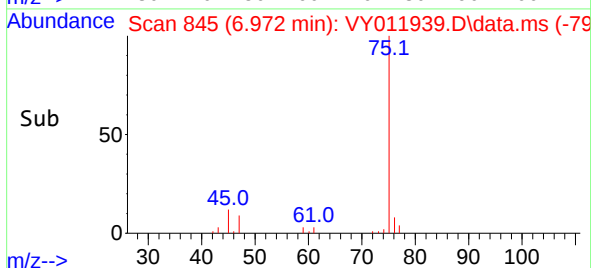
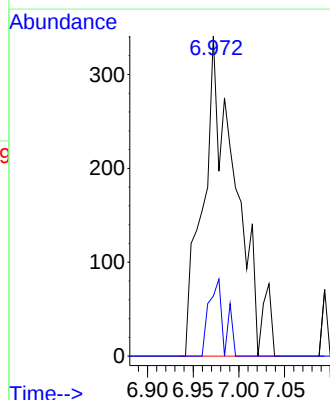
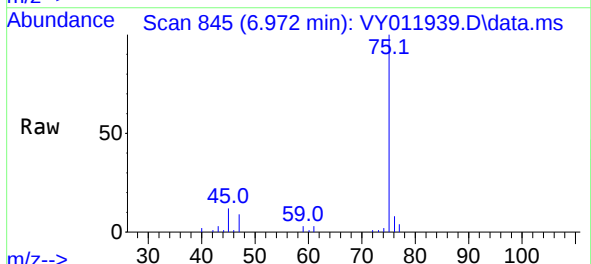
Ion	Ratio	Lower	Upper
84	100		
49	107.5	95.4	143.2
51	33.6	29.9	44.9
86	63.7	49.6	74.4

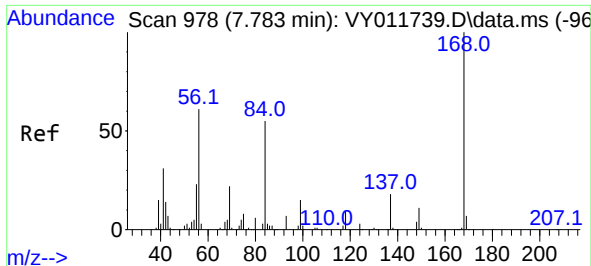


#25
2-Butanone
Concen: 1.174 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 43 Resp: 854

Ion	Ratio	Lower	Upper
43	100		
72	18.8	22.6	34.0#

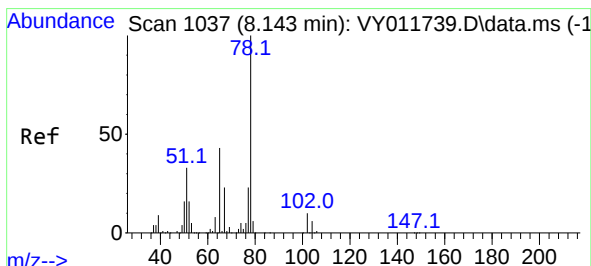
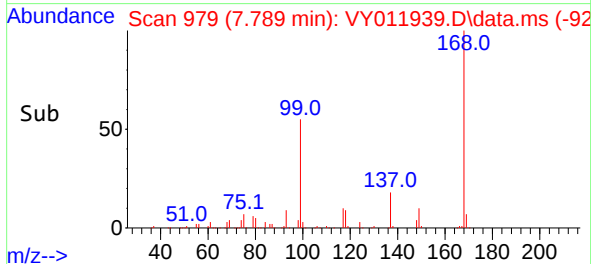
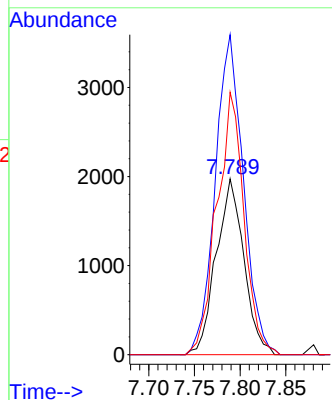
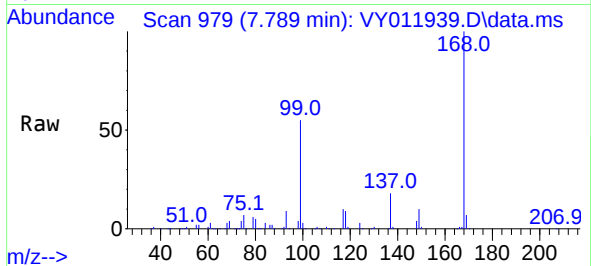




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

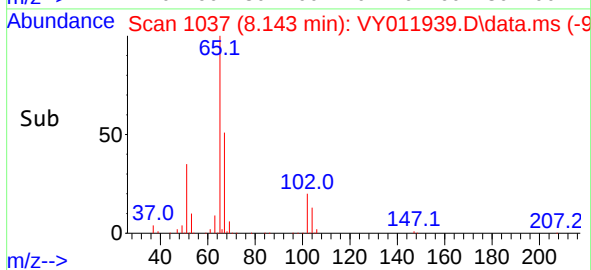
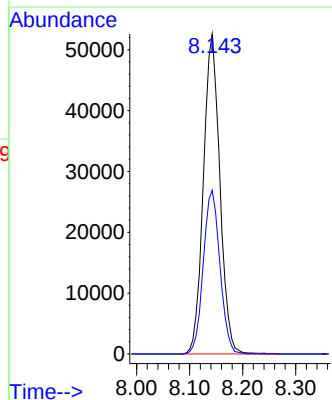
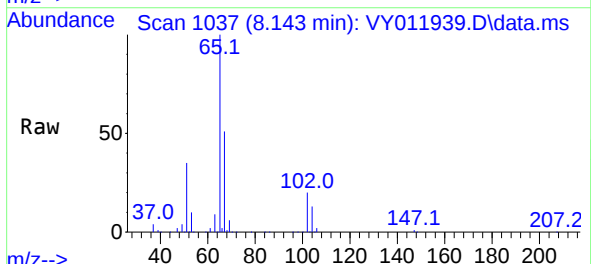
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL01

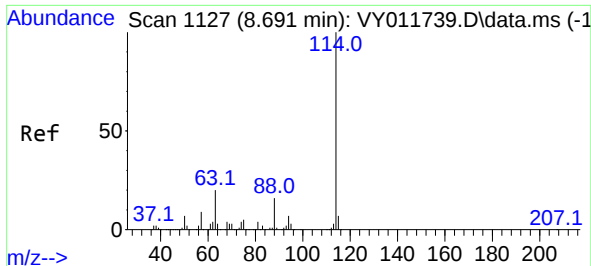
Tgt Ion: 56 Resp: 4168
Ion Ratio Lower Upper
56 100
69 181.9 29.2 43.8#
84 149.2 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 51.904 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 65 Resp: 113378
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: VY011939.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBL01

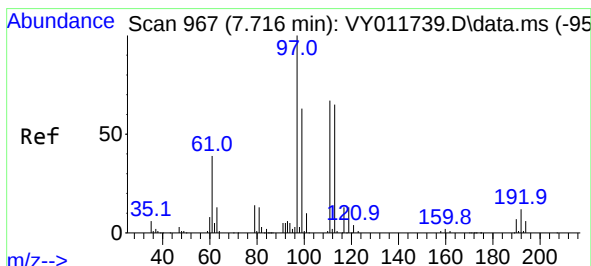
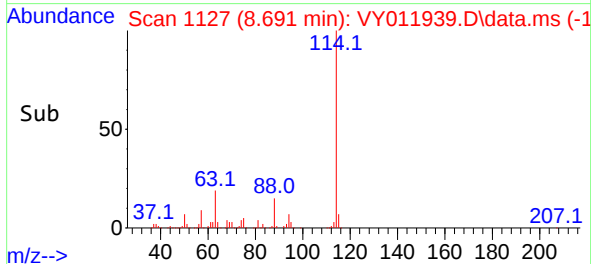
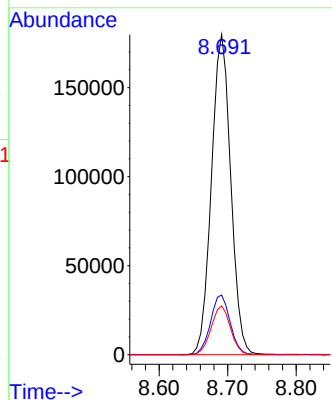
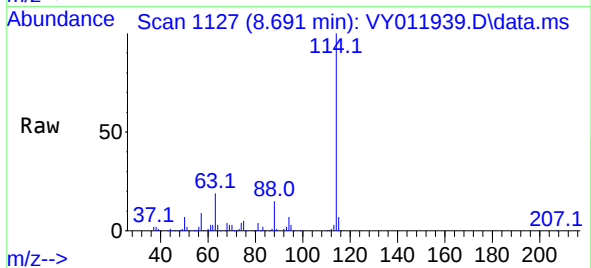
Tgt Ion:114 Resp: 351772

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.373 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011939.D

Acq: 21 Dec 2022 12:17

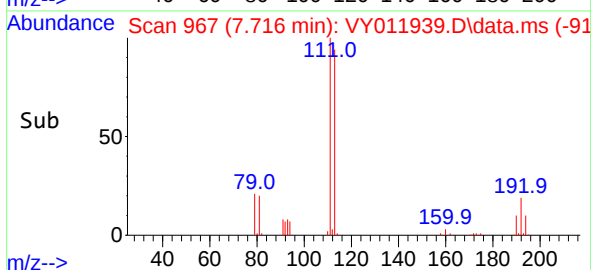
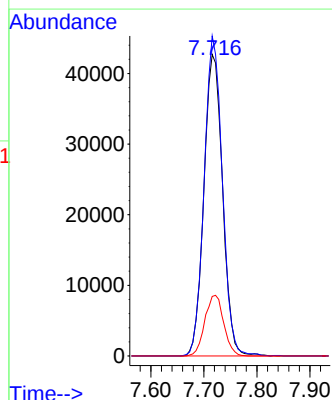
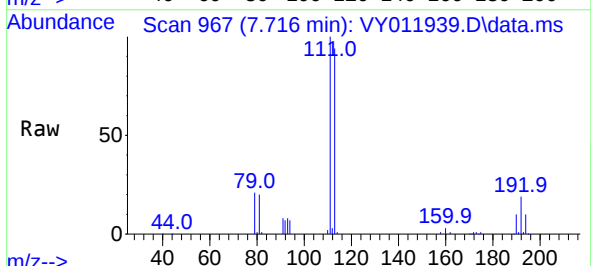
Tgt Ion:113 Resp: 104560

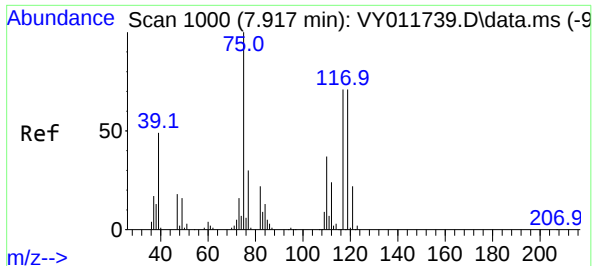
Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

192 20.3 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.566 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011939.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBL01

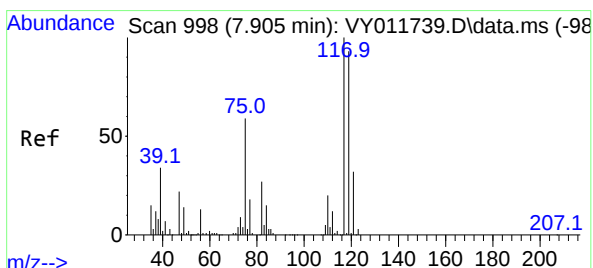
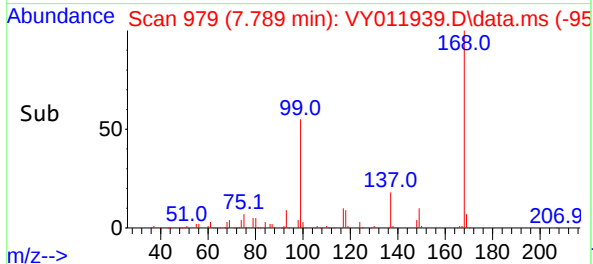
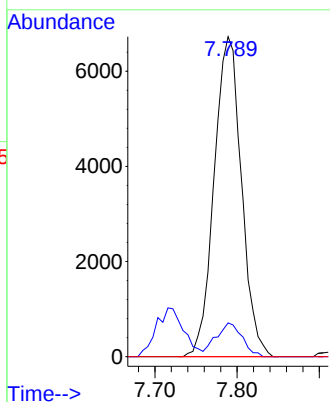
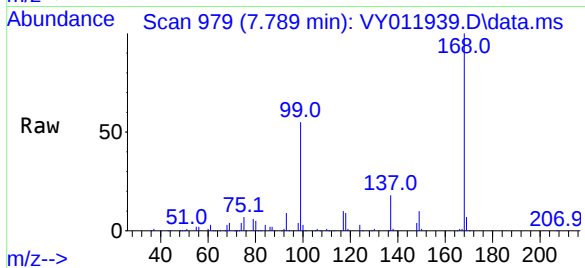
Tgt Ion: 75 Resp: 15510

Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.577 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011939.D

Acq: 21 Dec 2022 12:17

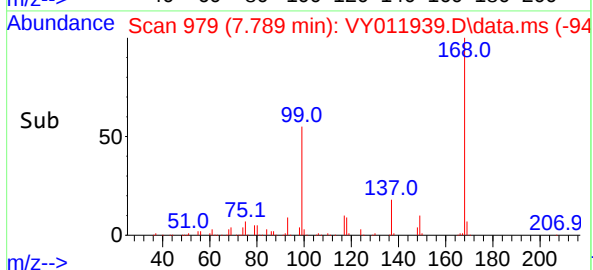
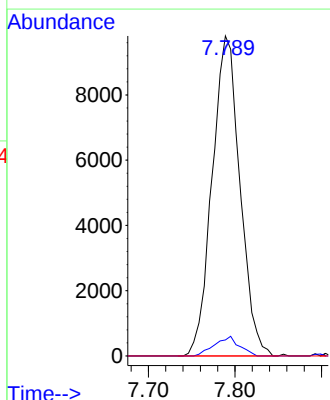
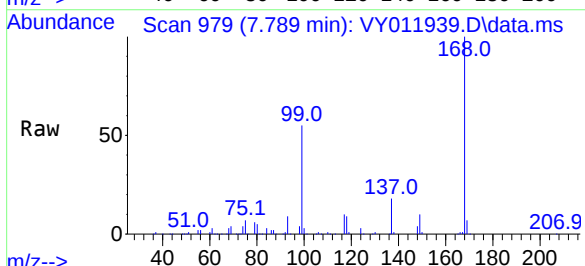
Tgt Ion: 117 Resp: 21878

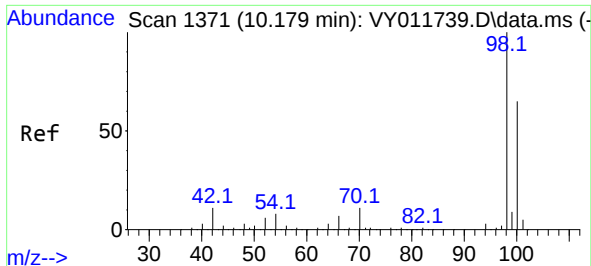
Ion Ratio Lower Upper

117 100

119 5.0 73.8 110.8#

121 0.0 25.2 37.8#

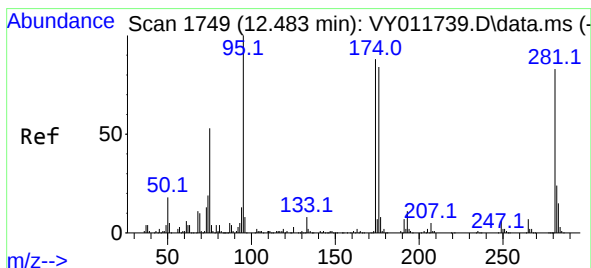
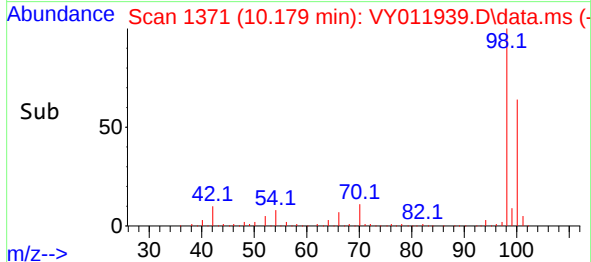
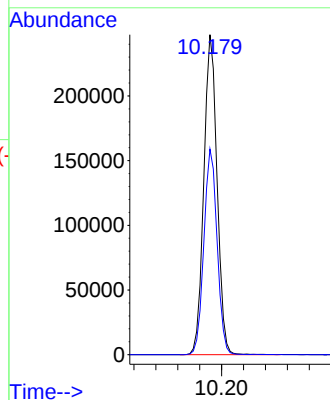
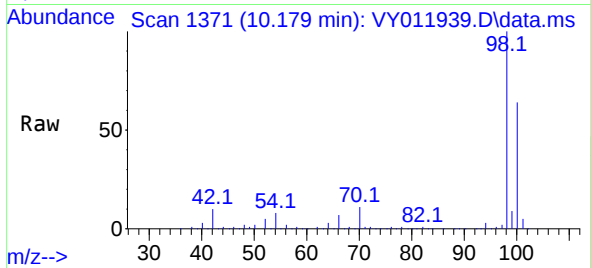




#50
Toluene-d8
Concen: 48.169 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

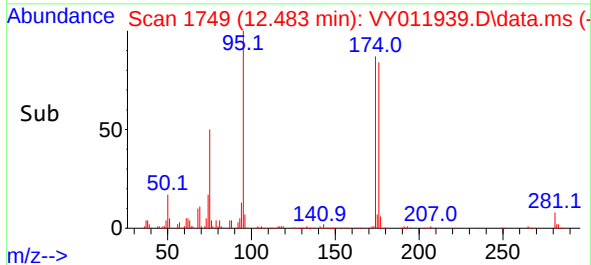
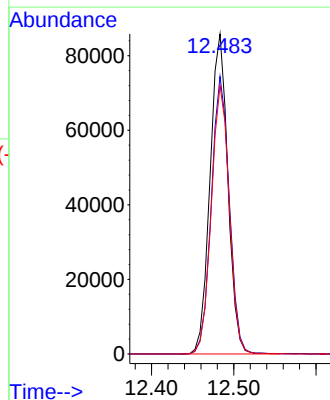
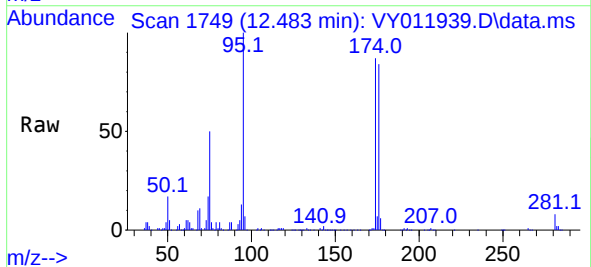
Instrument :
MSVOA_Y
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VY1221SBL01

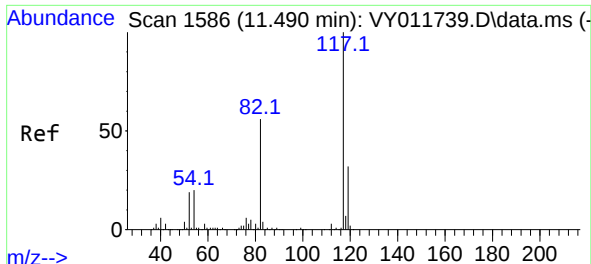
Tgt Ion: 98 Resp: 413884
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 95 Resp: 129742
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.0
176 84.6 0.0 167.6

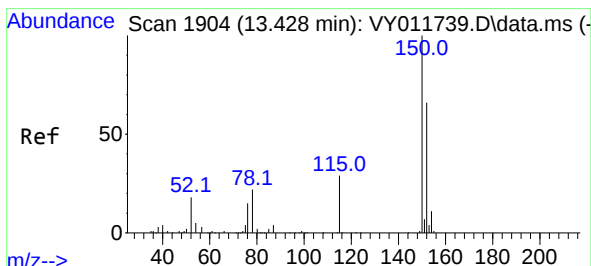
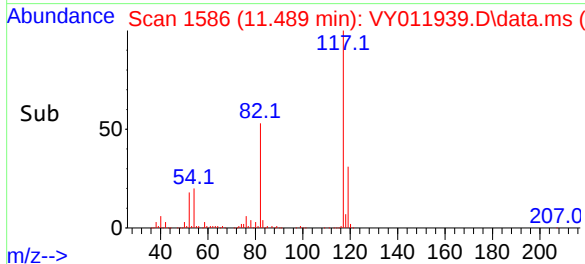
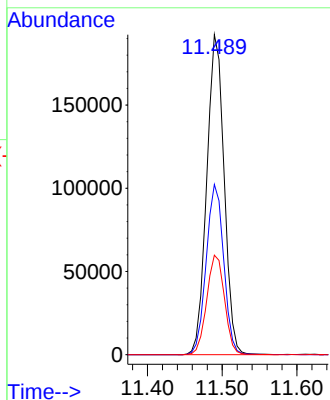
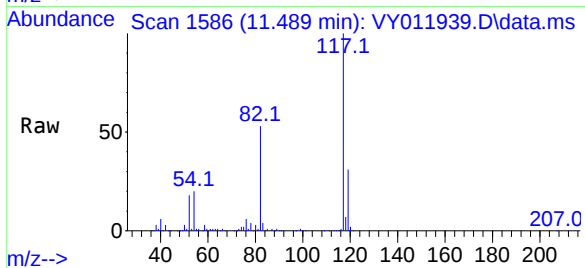




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

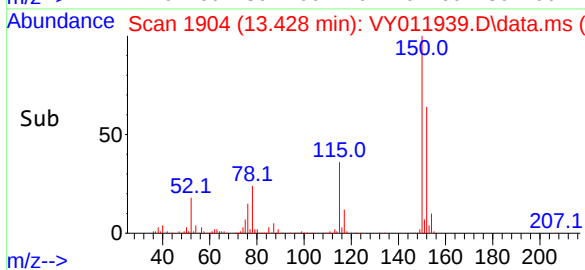
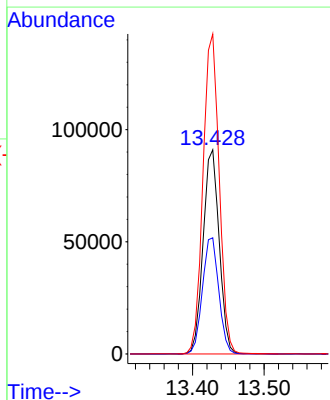
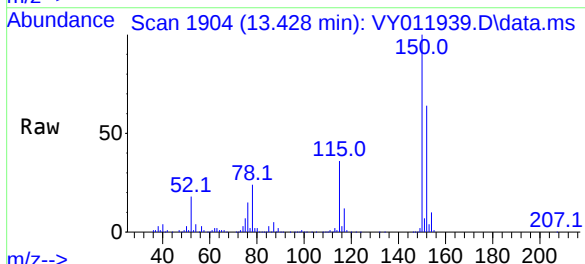
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL01

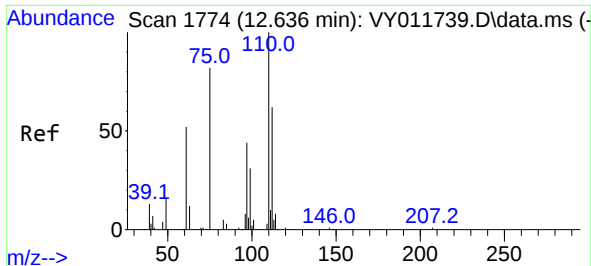
Tgt Ion:117 Resp: 311120
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

Tgt Ion:152 Resp: 142146
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 158.1 0.0 342.6

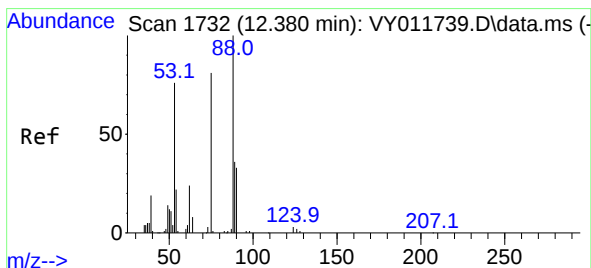
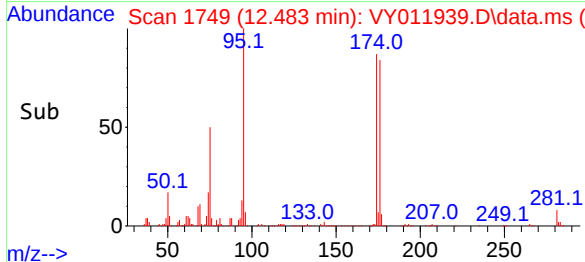
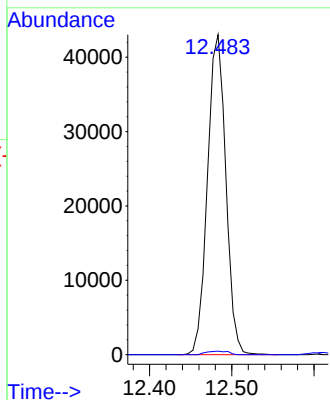
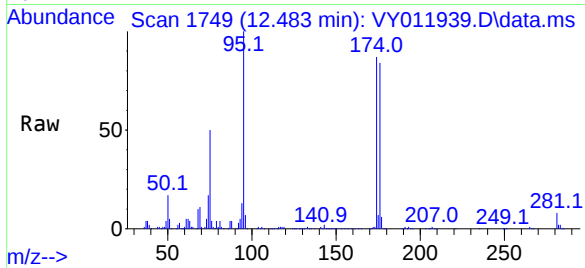




#76
1,2,3-Trichloropropane
Concen: 37.793 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

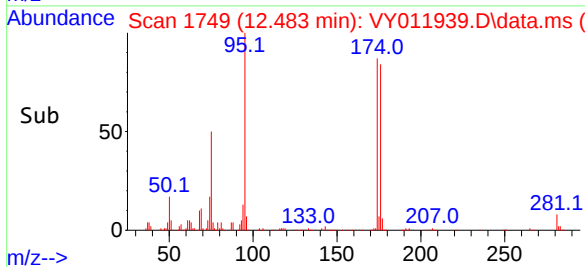
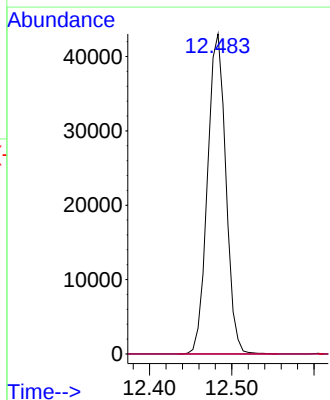
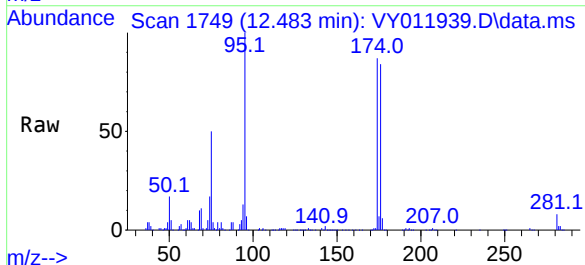
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL01

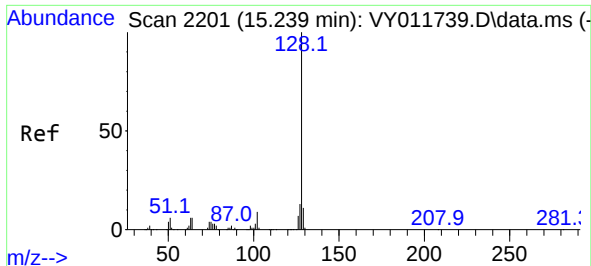
Tgt Ion: 75 Resp: 66847
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.496 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

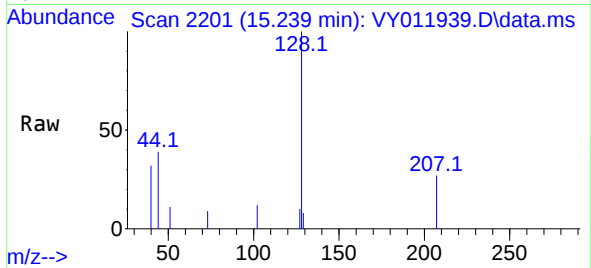
Tgt Ion: 75 Resp: 66847
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.008 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011939.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL01



Tgt Ion:	128	Resp:	1275
Ion	Ratio	Lower	Upper
128	100		
127	9.0	10.2	15.2#
129	5.5	8.8	13.2#

