

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011778.D
 Acq On : 12 Dec 2022 17:50
 Operator : KP/MD
 Sample : N6024-04
 Misc : 3.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-21

Quant Time: Dec 13 00:20:57 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)

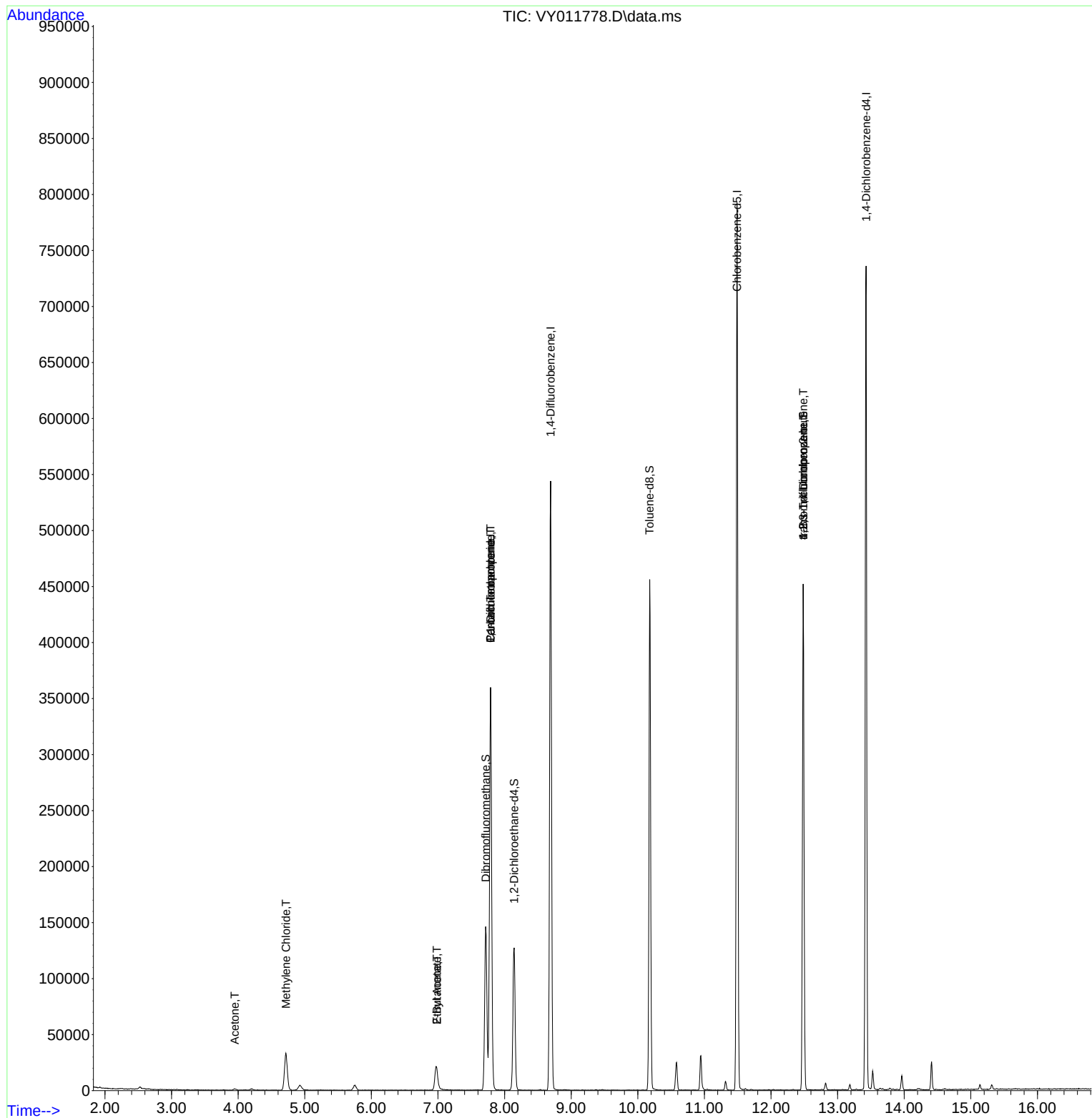
Internal Standards						
1) Pentafluorobenzene	7.789	168	275941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	466255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	417967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	192103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	101546	54.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.680%	
35) Dibromofluoromethane	7.716	113	102548	49.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.920%	
50) Toluene-d8	10.179	98	300092	43.294	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.580%	
62) 4-Bromofluorobenzene	12.483	95	117087	42.642	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	52	Below Cal	#	41
3) Chloromethane	2.113	50	92	Below Cal	#	41
4) Vinyl Chloride	2.424	62	24	Below Cal	#	43
5) Bromomethane	2.662	94	92	Below Cal	#	22
11) Tert butyl alcohol	4.924	59	4450	Below Cal	#	74
16) Acetone	3.948	43	2181	2.895	ug/l #	86
18) Methyl Acetate	4.710	43	33	Below Cal	#	50
20) Methylene Chloride	4.716	84	24838	3.836	ug/l	95
25) 2-Butanone	6.984	43	2171	2.240	ug/l #	89
31) Cyclohexane	7.789	56	5577	Below Cal	#	4
36) 1,1-Dichloropropene	7.789	75	21159	5.980	ug/l #	50
37) Ethyl Acetate	6.984	43	2171	1.050	ug/l #	24
38) Carbon Tetrachloride	7.789	117	27858	6.703	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	62046	31.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62046	72.441	ug/l #	13

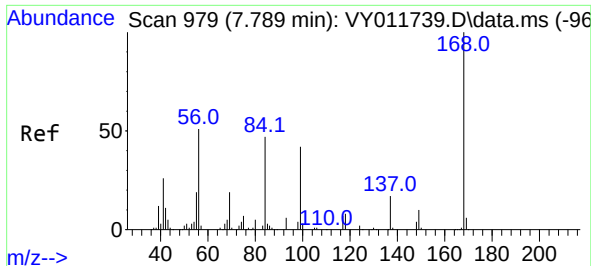
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
Data File : VY011778.D
Acq On : 12 Dec 2022 17:50
Operator : KP/MD
Sample : N6024-04
Misc : 3.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-21

Quant Time: Dec 13 00:20:57 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

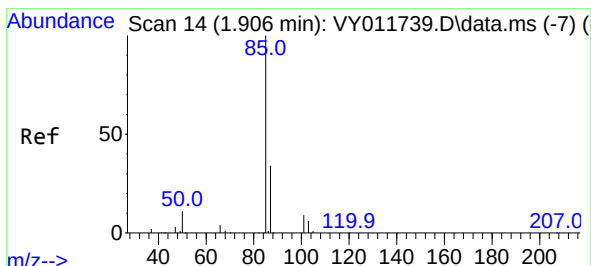
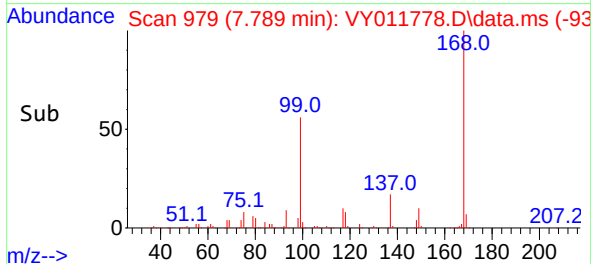
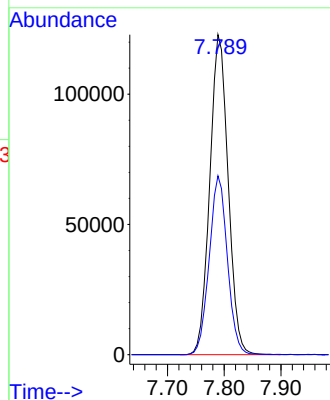
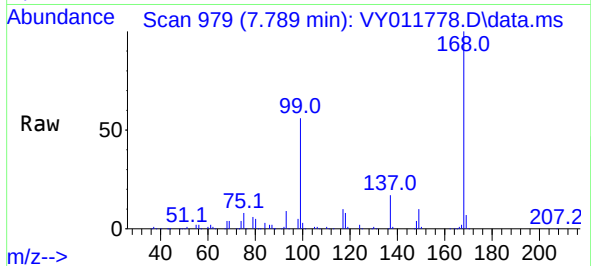




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

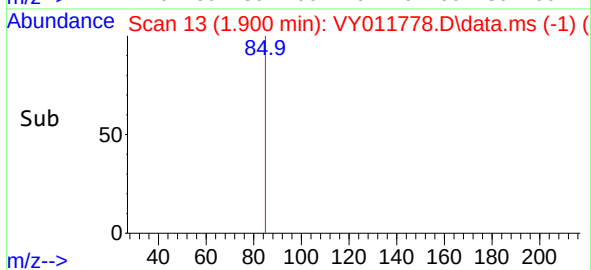
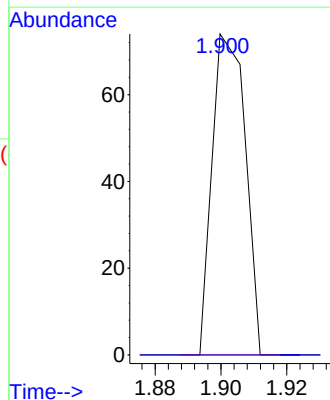
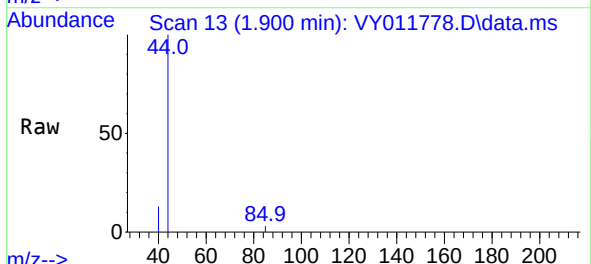
Instrument :
MSVOA_Y
ClientSampleId :
MH-21

Tgt Ion:168 Resp: 275941
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0

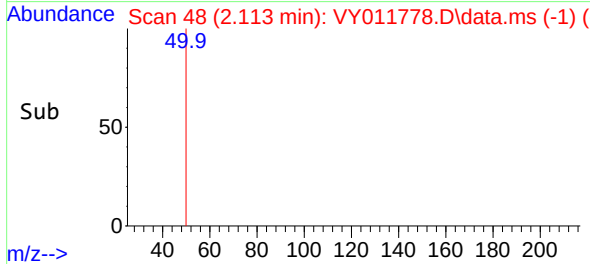
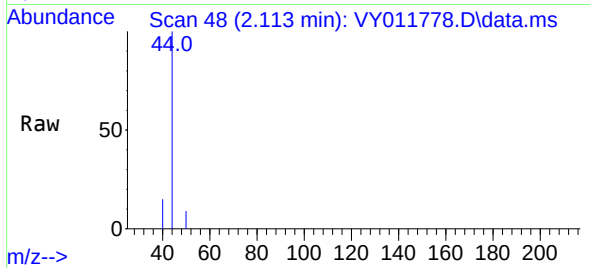
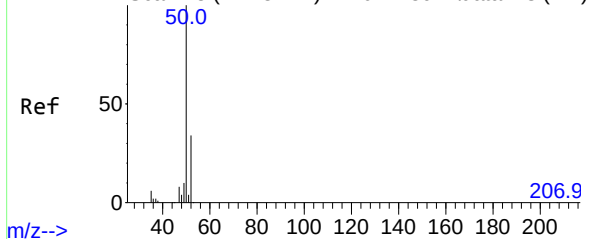


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

Tgt Ion: 85 Resp: 52
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#



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



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011778.D

Acq: 12 Dec 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

MH-21

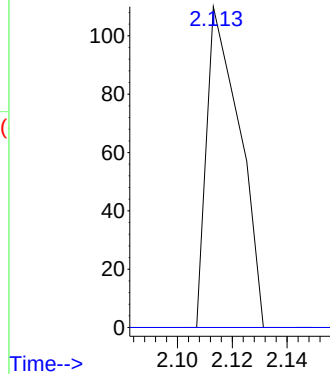
Tgt Ion: 50 Resp: 92

Ion Ratio Lower Upper

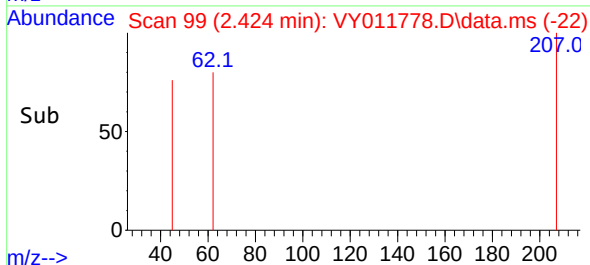
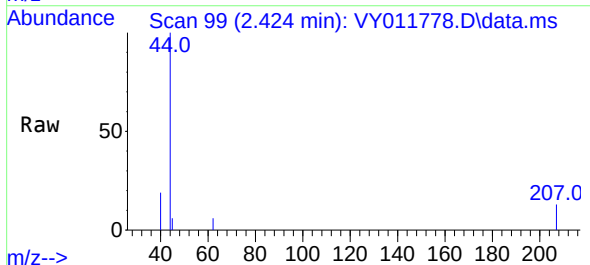
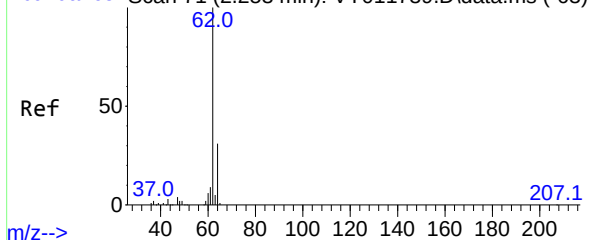
50 100

52 0.0 26.8 40.2#

Abundance



Abundance Scan 71 (2.253 min): VY011739.D\data.ms (-63)



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.424 min Scan# 99

Delta R.T. 0.171 min

Lab File: VY011778.D

Acq: 12 Dec 2022 17:50

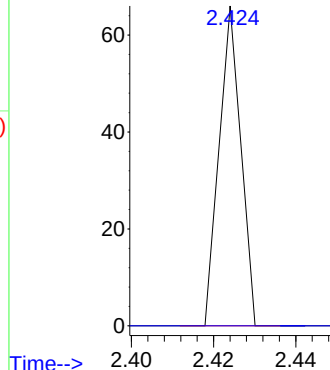
Tgt Ion: 62 Resp: 24

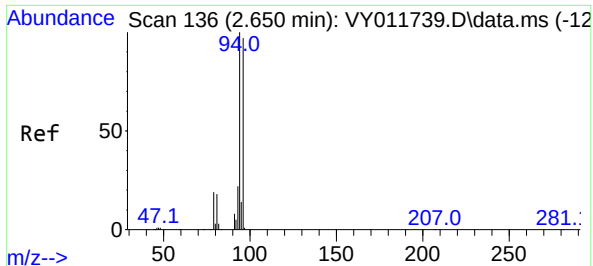
Ion Ratio Lower Upper

62 100

64 0.0 25.0 37.6#

Abundance

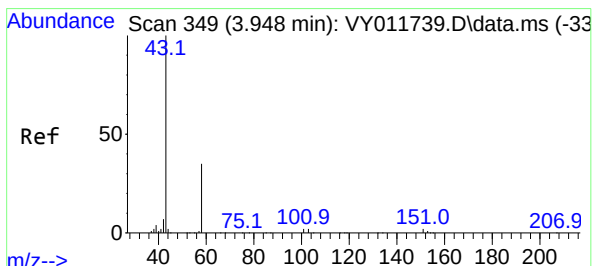
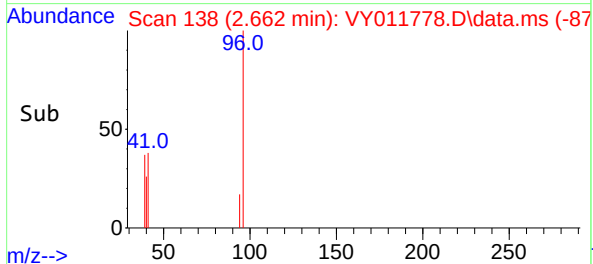
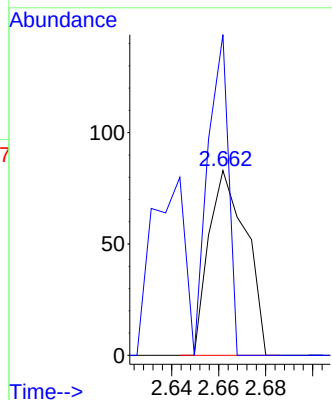
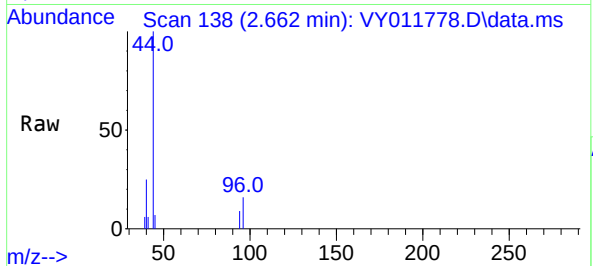




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

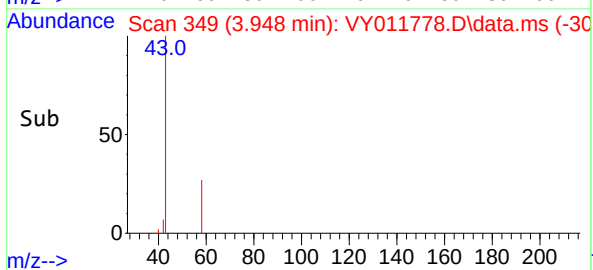
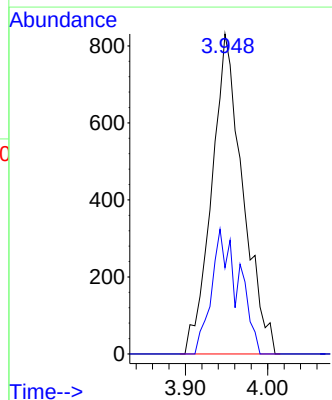
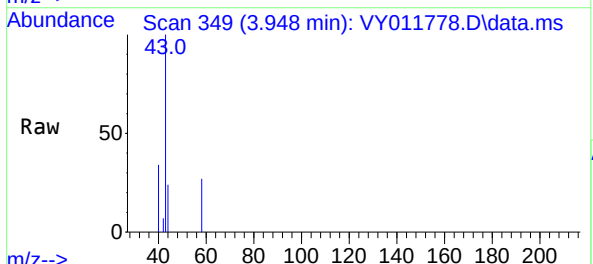
Instrument :
MSVOA_Y
ClientSampleId :
MH-21

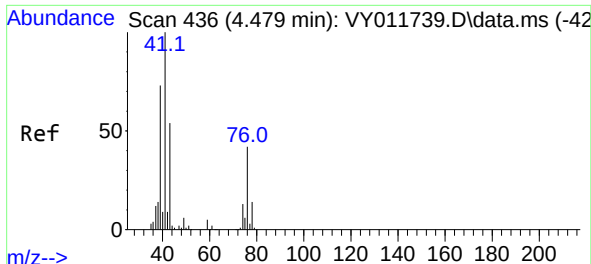
Tgt Ion: 94 Resp: 92
Ion Ratio Lower Upper
94 100
96 173.5 77.4 116.2#



#16
Acetone
Concen: 2.895 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
58 27.0 27.9 41.9#

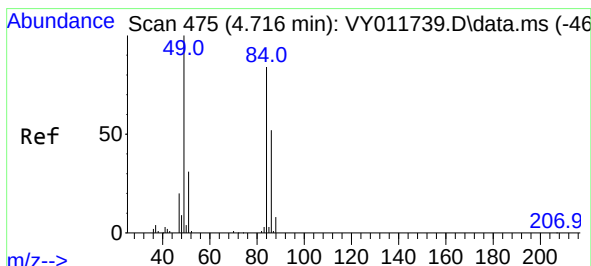
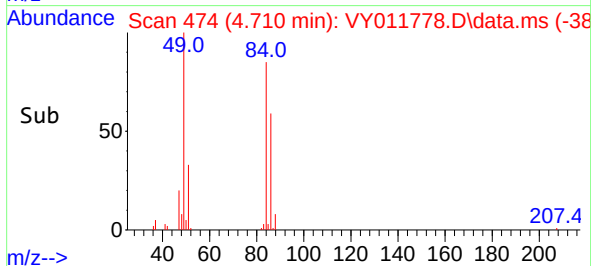
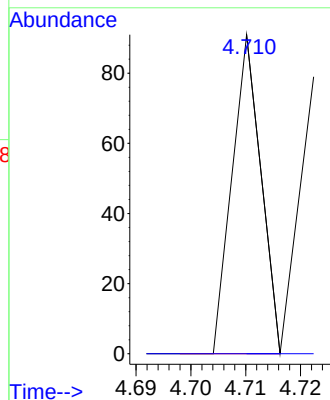
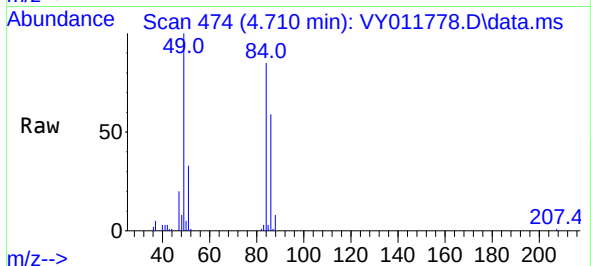




#18
Methyl Acetate
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.231 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

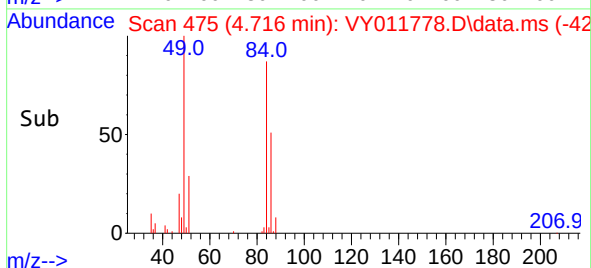
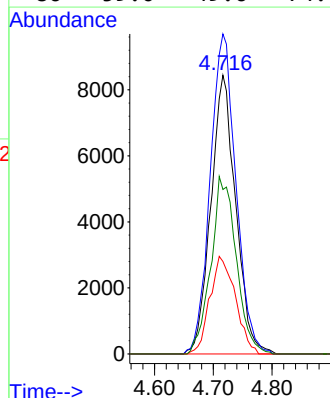
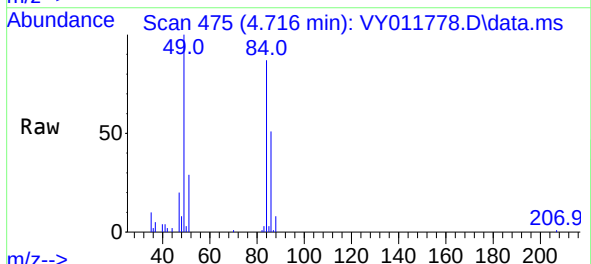
Instrument :
MSVOA_Y
ClientSampleId :
MH-21

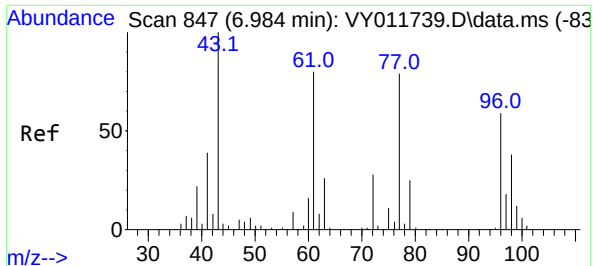
Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: 3.836 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

Tgt Ion: 84 Resp: 24838
Ion Ratio Lower Upper
84 100
49 114.8 95.4 143.2
51 33.2 29.9 44.9
86 59.0 49.6 74.4





#25

2-Butanone

Concen: 2.240 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011778.D

Acq: 12 Dec 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

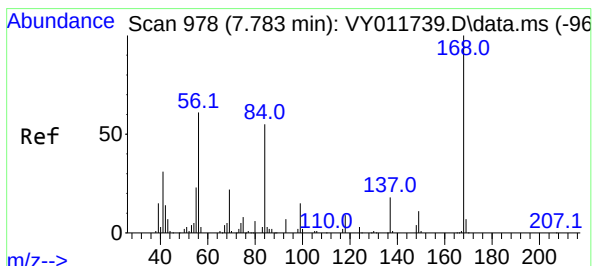
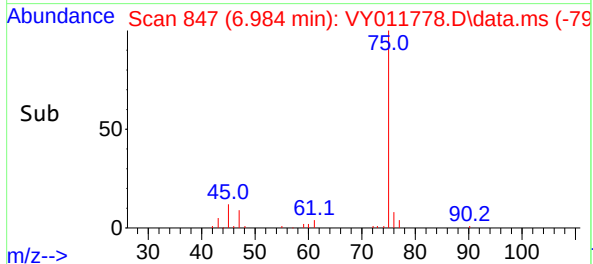
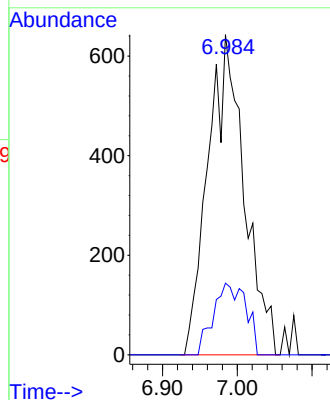
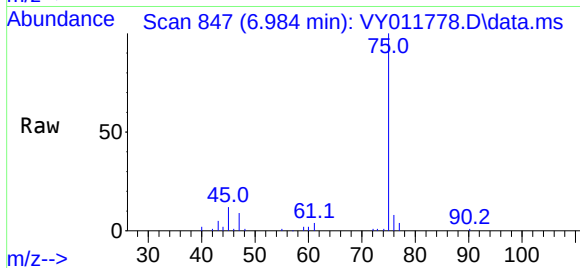
MH-21

Tgt Ion: 43 Resp: 2171

Ion Ratio Lower Upper

43 100

72 22.4 22.6 34.0#



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY011778.D

Acq: 12 Dec 2022 17:50

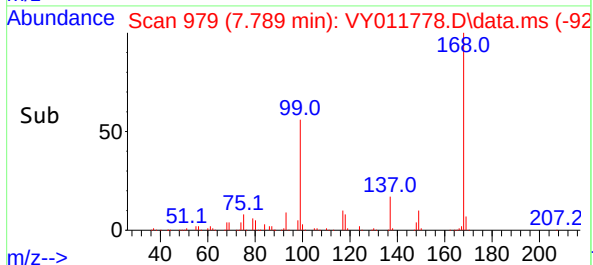
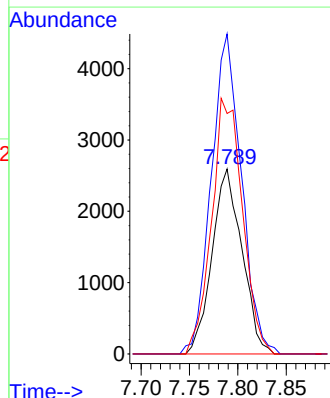
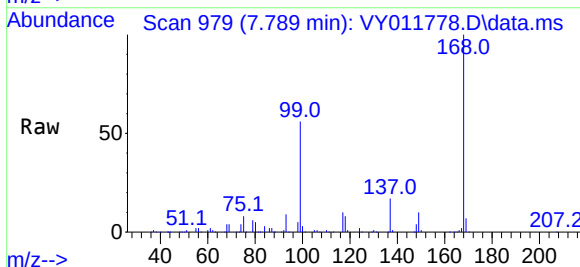
Tgt Ion: 56 Resp: 5577

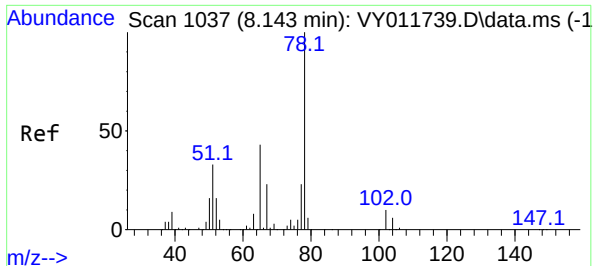
Ion Ratio Lower Upper

56 100

69 173.0 29.2 43.8#

84 130.1 72.6 108.8#

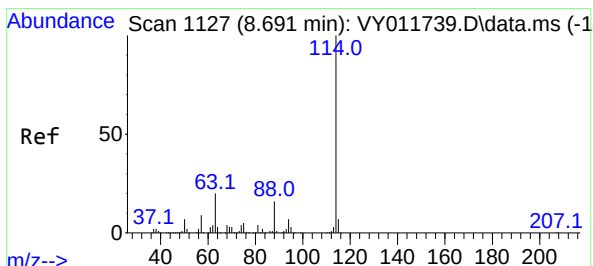
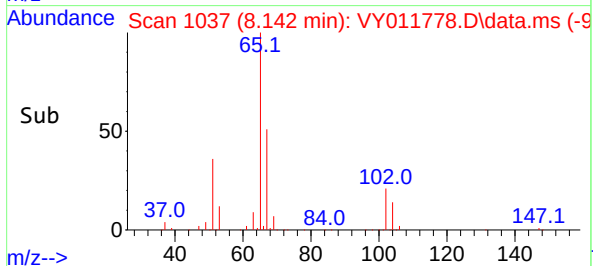
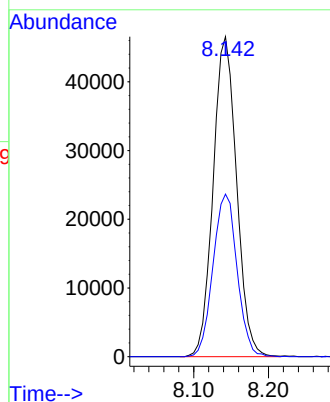
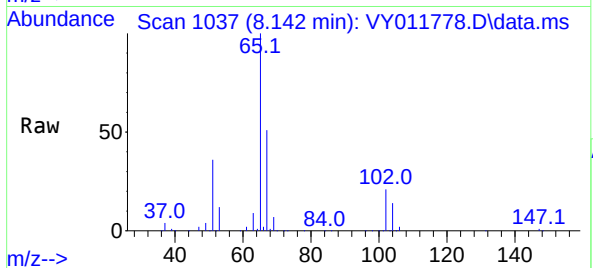




#33
1,2-Dichloroethane-d4
Concen: 54.345 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

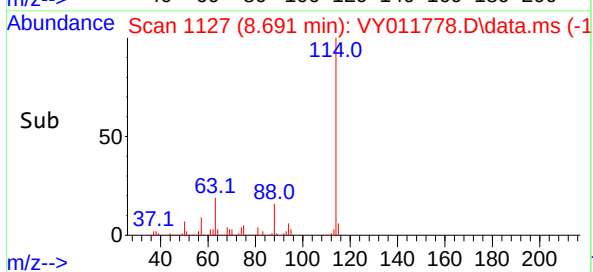
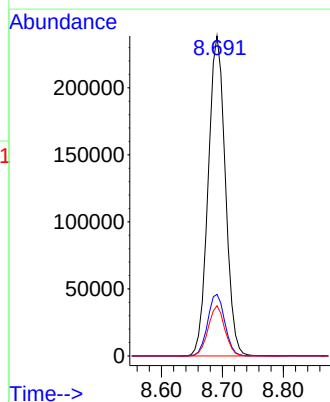
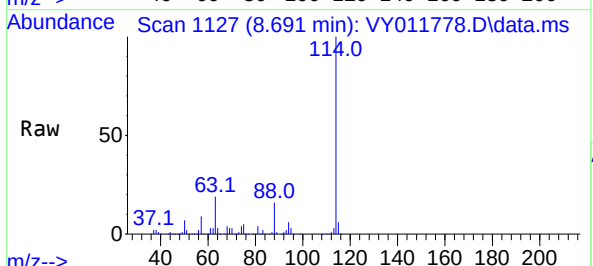
Instrument :
MSVOA_Y
ClientSampleId :
MH-21

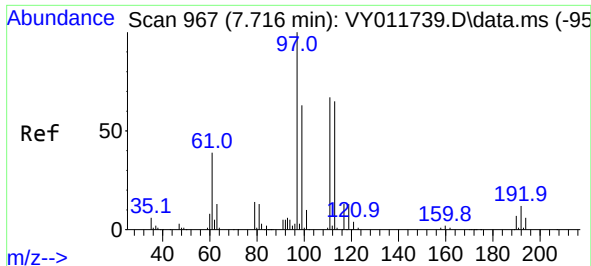
Tgt Ion: 65 Resp: 101546
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

Tgt Ion: 114 Resp: 466255
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.6
88 15.7 0.0 32.2

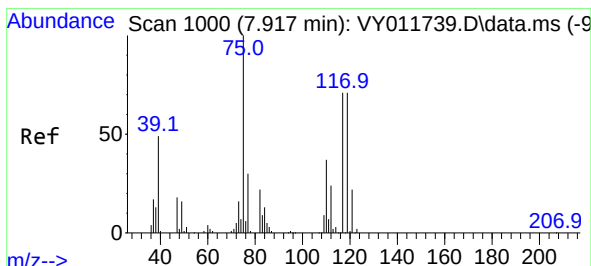
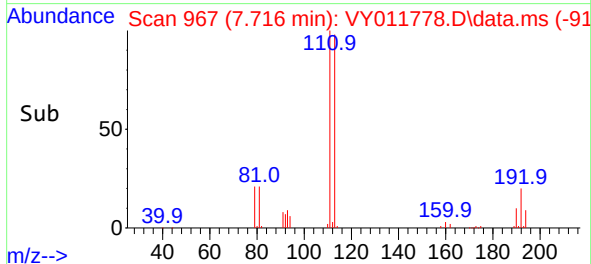
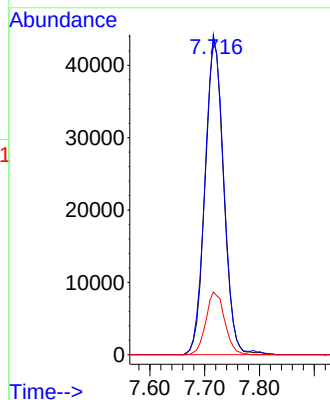
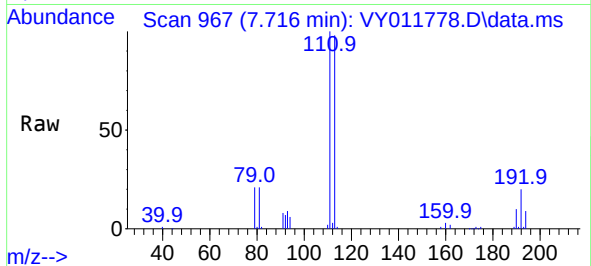




#35
Dibromofluoromethane
Concen: 49.461 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

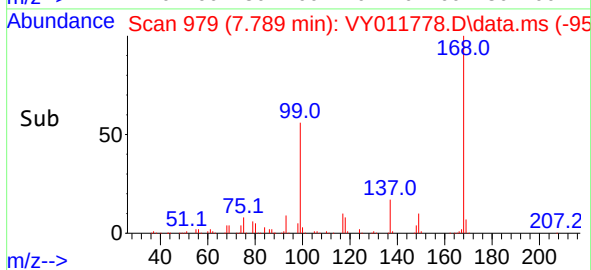
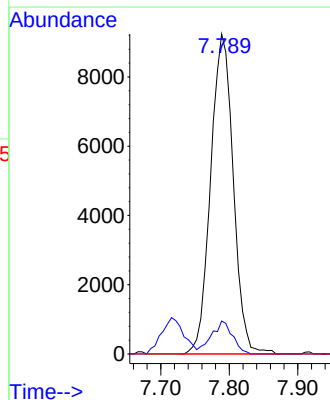
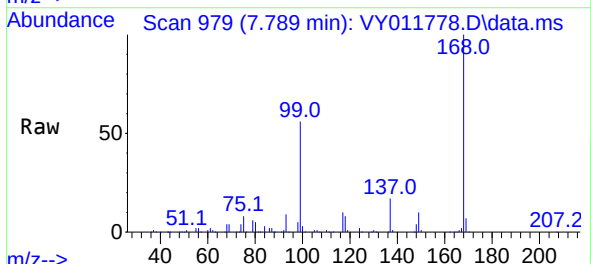
Instrument :
MSVOA_Y
ClientSampleId :
MH-21

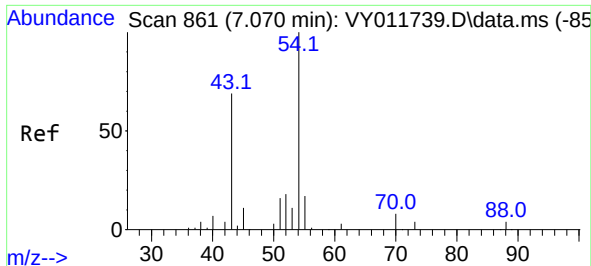
Tgt Ion:113 Resp: 102548
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 20.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 5.980 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

Tgt Ion: 75 Resp: 21159
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.1#
77 0.0 25.1 37.7#

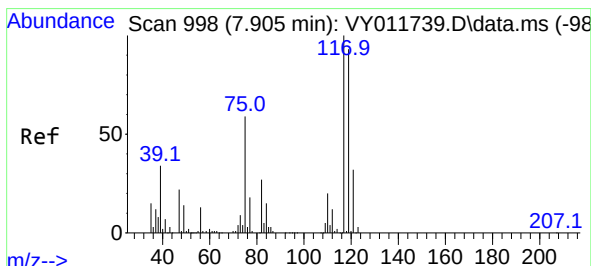
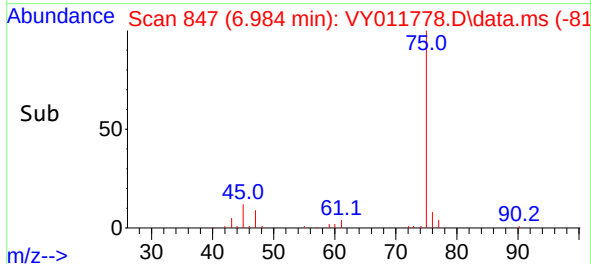
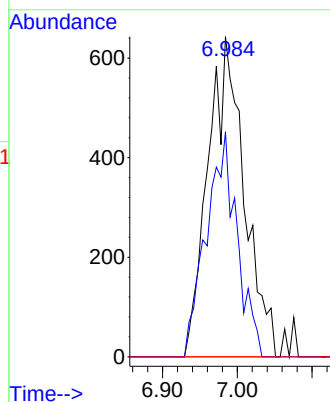
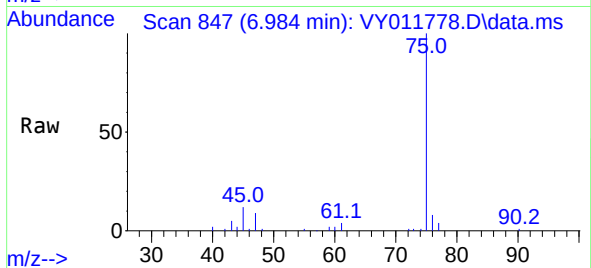




#37
Ethyl Acetate
Concen: 1.050 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

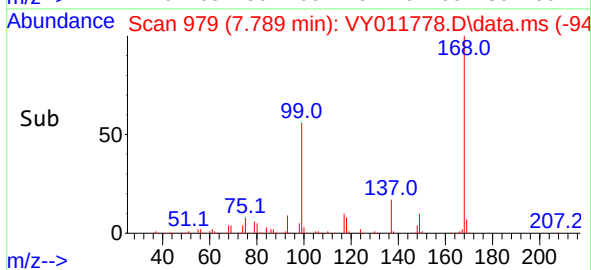
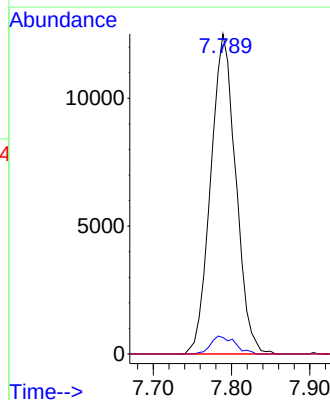
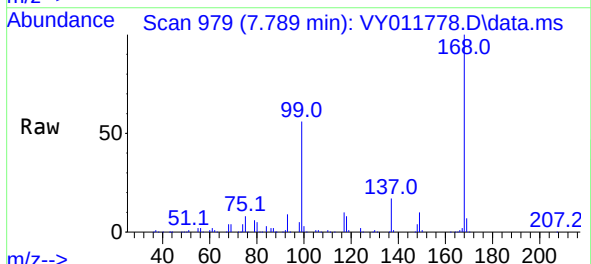
Instrument :
MSVOA_Y
ClientSampleId :
MH-21

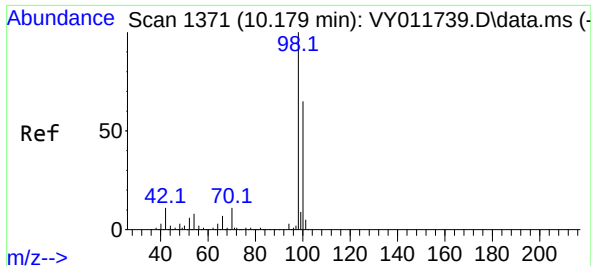
Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
61 59.2 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

Tgt Ion: 117 Resp: 27858
Ion Ratio Lower Upper
117 100
119 5.2 73.8 110.8#
121 0.0 25.2 37.8#

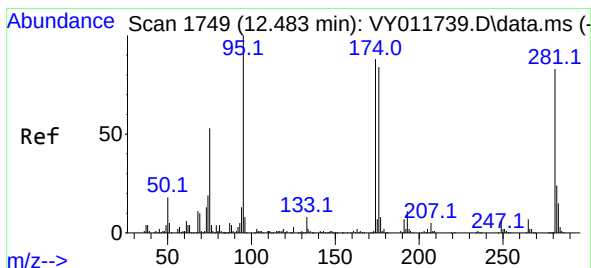
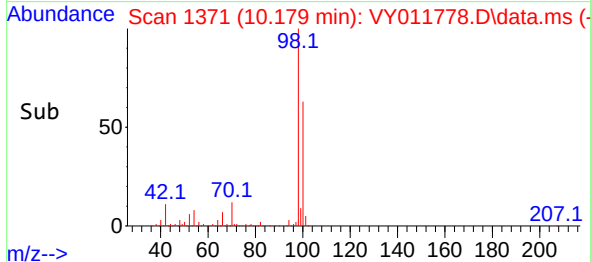
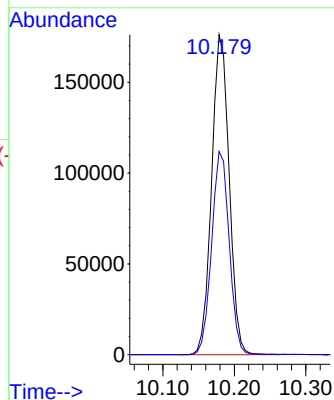
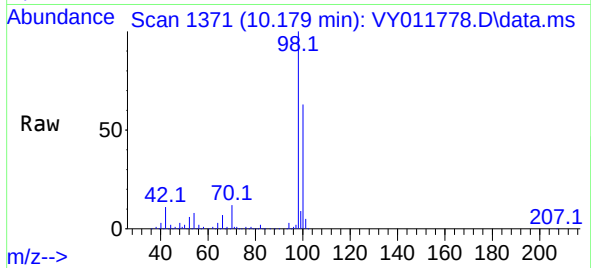




#50
Toluene-d8
Concen: 43.294 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

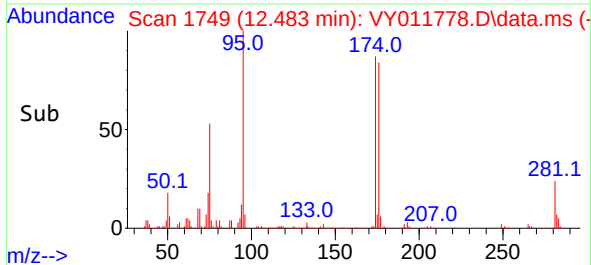
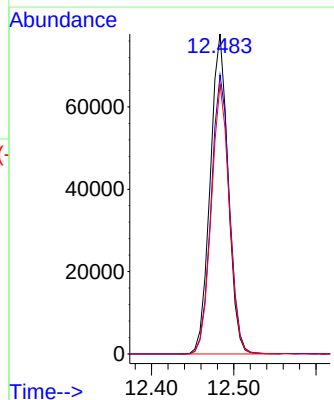
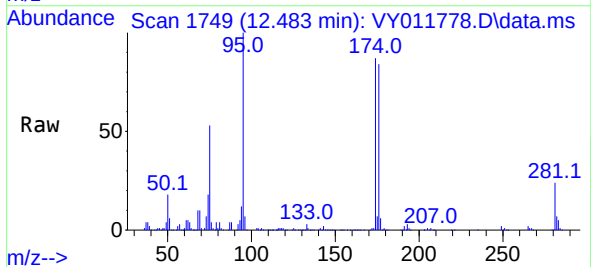
Instrument :
MSVOA_Y
ClientSampleId :
MH-21

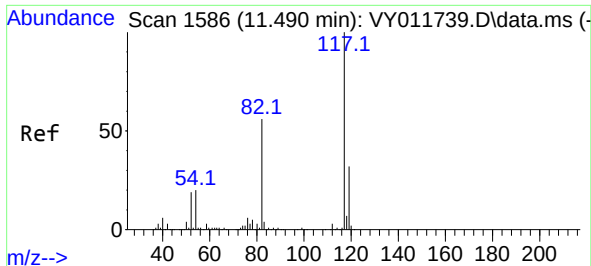
Tgt Ion: 98 Resp: 300092
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.642 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

Tgt Ion: 95 Resp: 117087
Ion Ratio Lower Upper
95 100
174 89.4 0.0 172.0
176 84.9 0.0 167.6

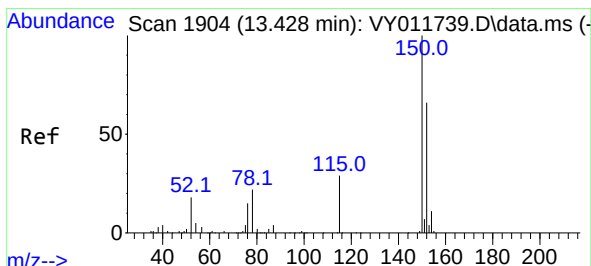
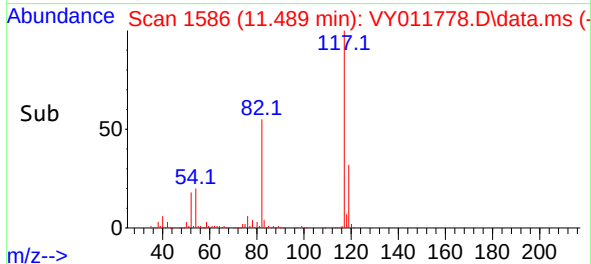
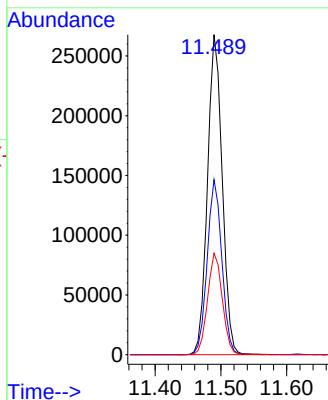
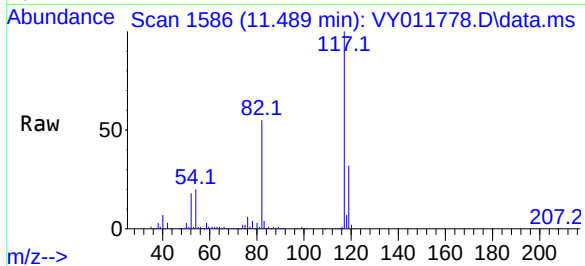




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

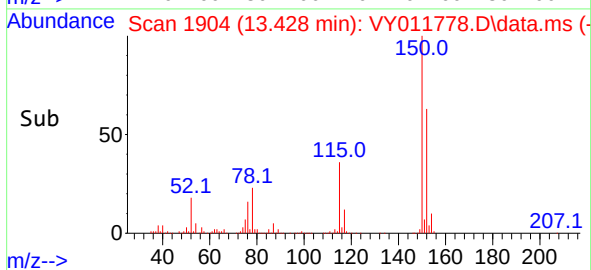
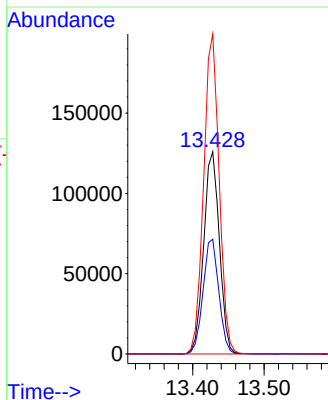
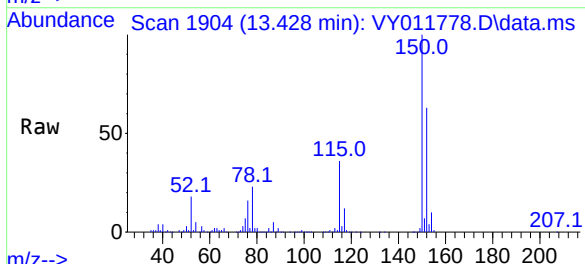
Instrument :
MSVOA_Y
ClientSampleId :
MH-21

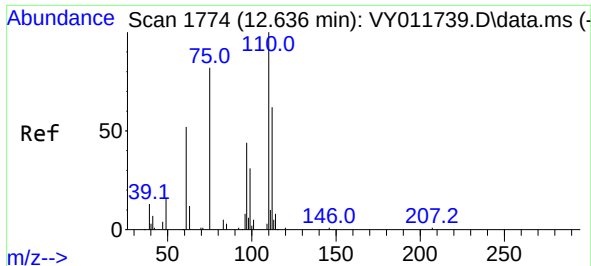
Tgt Ion:117 Resp: 417967
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

Tgt Ion:152 Resp: 192103
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 156.5 0.0 342.6

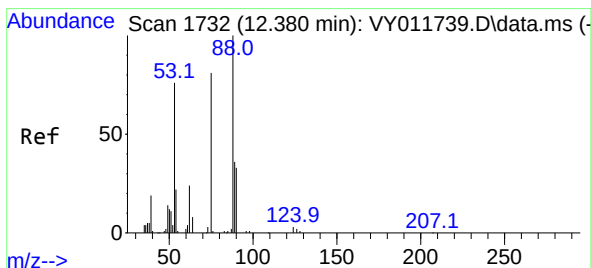
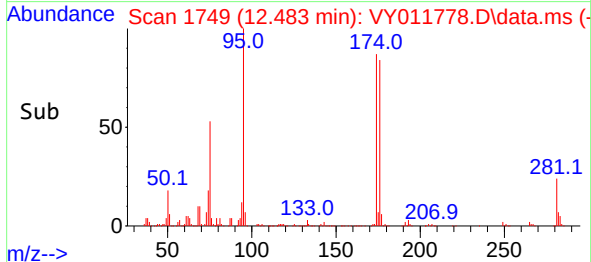
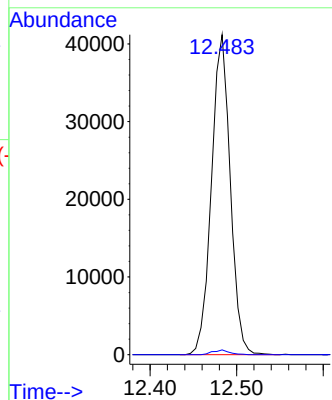
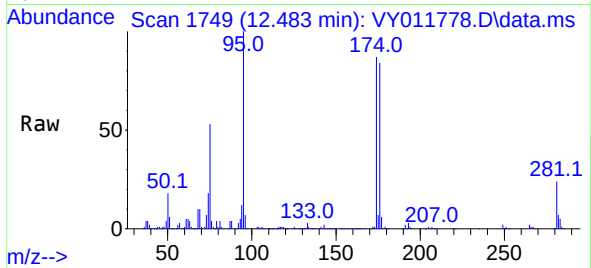




#76
1,2,3-Trichloropropane
Concen: 31.924 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
MH-21

Tgt Ion: 75 Resp: 62046
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.441 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011778.D
Acq: 12 Dec 2022 17:50

Tgt Ion: 75 Resp: 62046
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.2 37.0 55.4#

