

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011775.D
 Acq On : 12 Dec 2022 16:42
 Operator : KP/MD
 Sample : N5997-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2803-COMP

Quant Time: Dec 13 00:20:32 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)

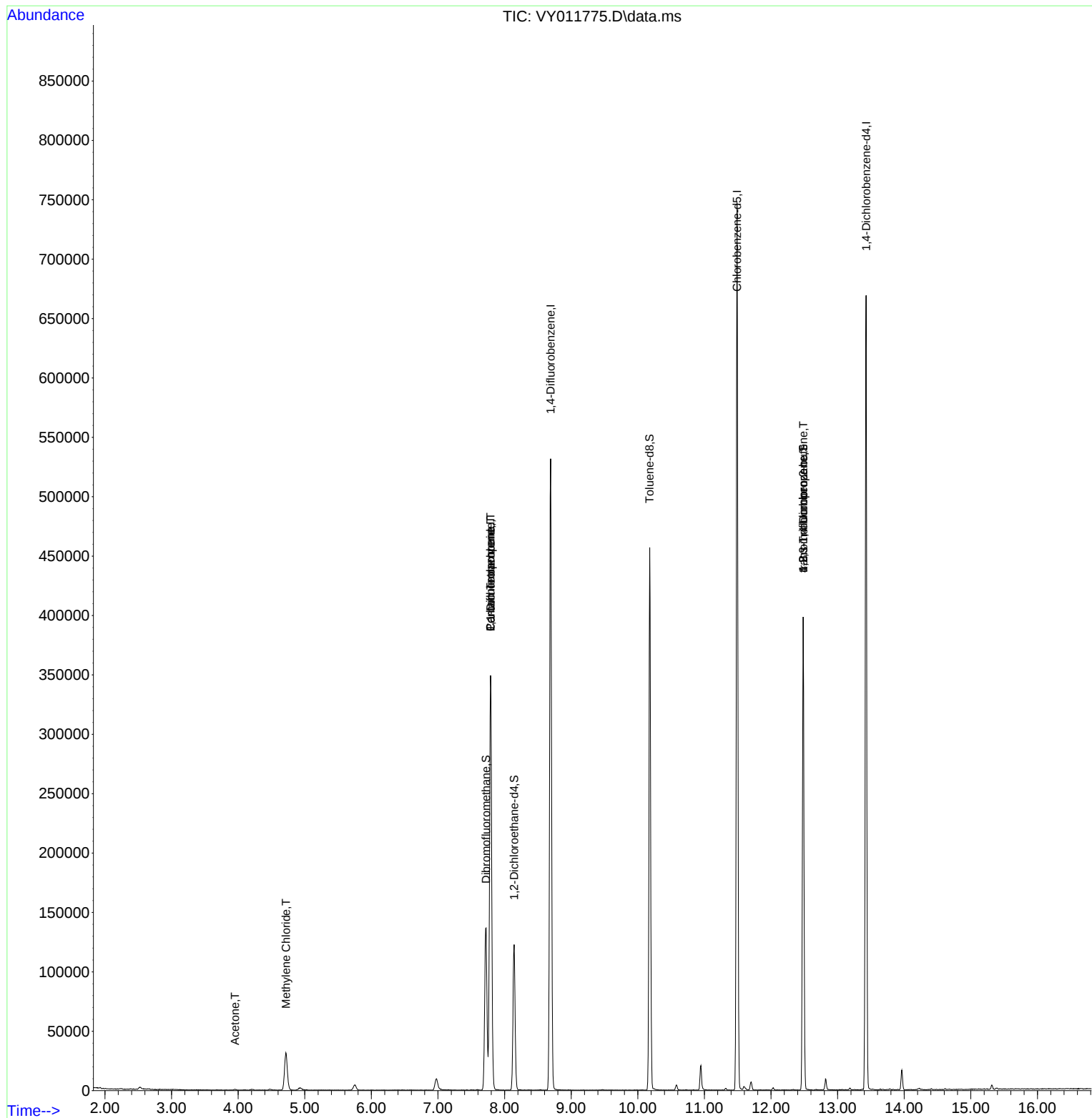
Internal Standards						
1) Pentafluorobenzene	7.789	168	271907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	456497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	395226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95931	51.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.760%	
35) Dibromofluoromethane	7.722	113	96856	47.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.140%	
50) Toluene-d8	10.179	98	295390	43.568	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.140%	
62) 4-Bromofluorobenzene	12.483	95	109872	40.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	144	Below Cal	#	41
5) Bromomethane	2.668	94	68	Below Cal		98
11) Tert butyl alcohol	4.923	59	2181	Below Cal	#	74
16) Acetone	3.954	43	1074	1.447	ug/l #	84
18) Methyl Acetate	4.472	43	572	Below Cal	#	58
20) Methylene Chloride	4.716	84	23414	3.382	ug/l	98
31) Cyclohexane	7.789	56	5419	Below Cal	#	12
36) 1,1-Dichloropropene	7.789	75	20133	5.812	ug/l #	50
38) Carbon Tetrachloride	7.789	117	27446	6.745	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	57263	32.706	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57263	74.216	ug/l #	13

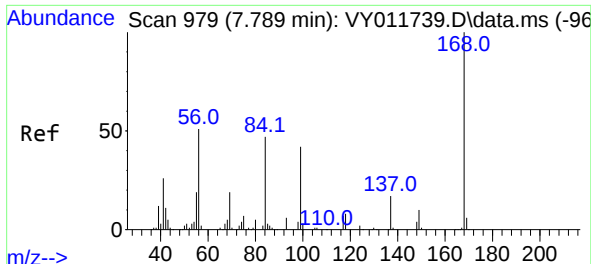
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
Data File : VY011775.D
Acq On : 12 Dec 2022 16:42
Operator : KP/MD
Sample : N5997-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
2803-COMP

Quant Time: Dec 13 00:20:32 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

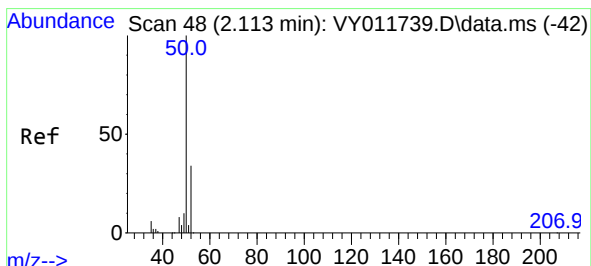
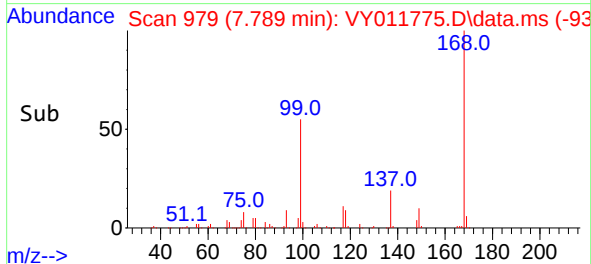
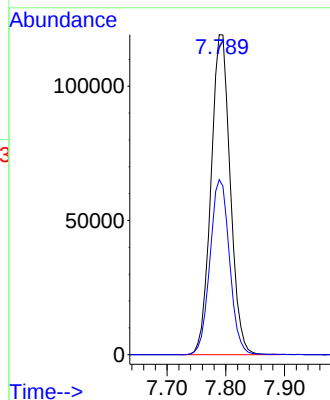
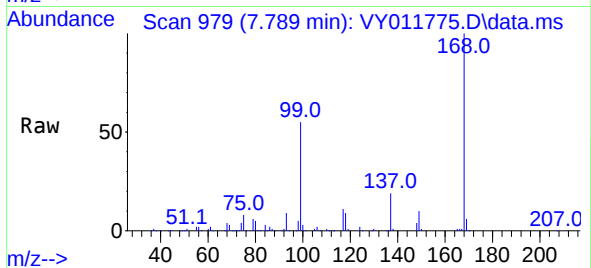




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

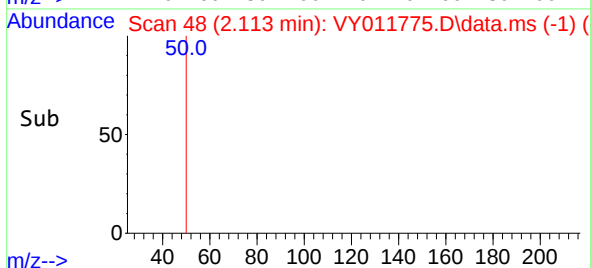
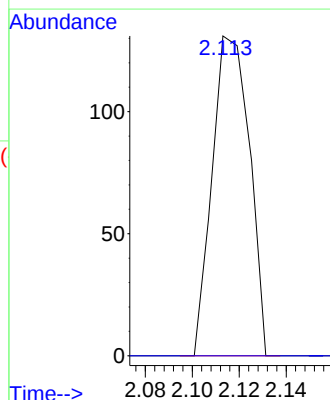
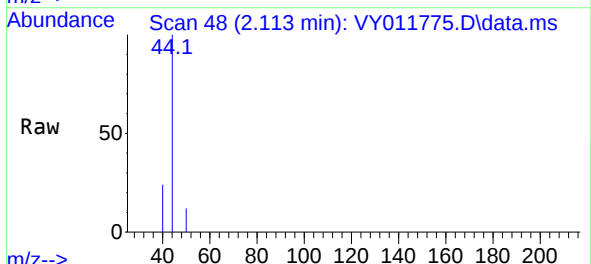
Instrument :
MSVOA_Y
ClientSampleId :
2803-COMP

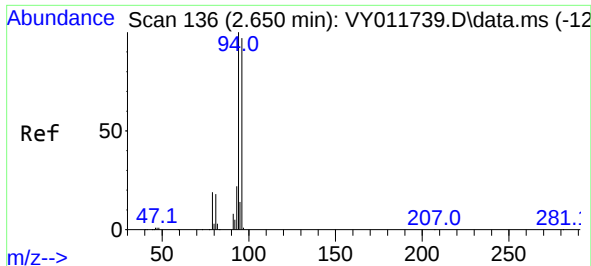
Tgt Ion:168 Resp: 271907
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Tgt Ion: 50 Resp: 144
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

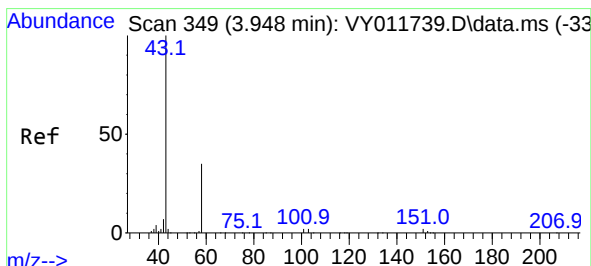
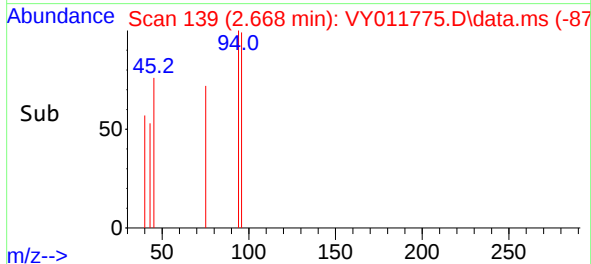
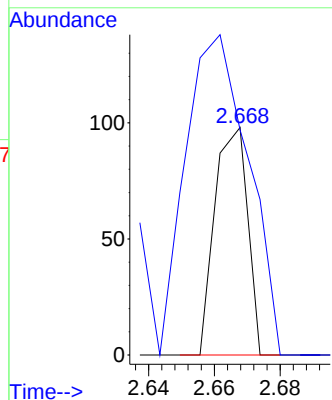
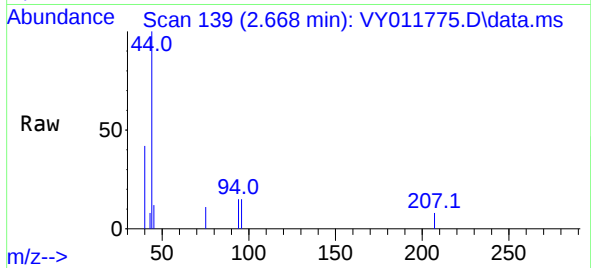




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

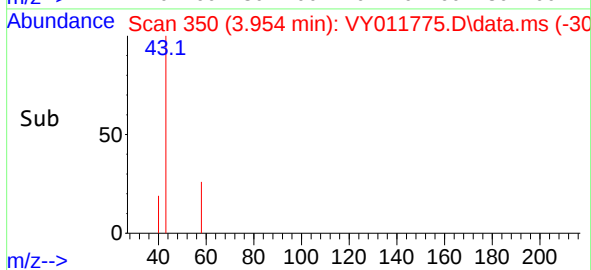
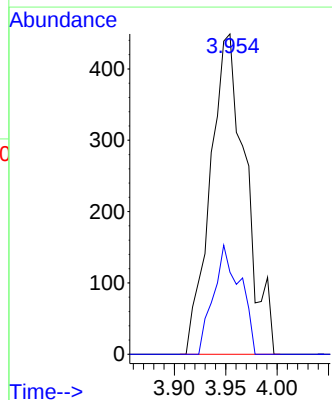
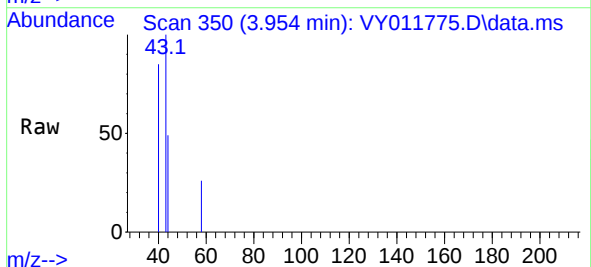
Instrument :
MSVOA_Y
ClientSampleId :
2803-COMP

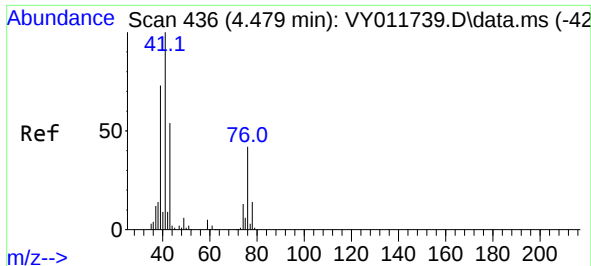
Tgt Ion: 94 Resp: 68
Ion Ratio Lower Upper
94 100
96 99.0 77.4 116.2



#16
Acetone
Concen: 1.447 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 25.6 27.9 41.9#

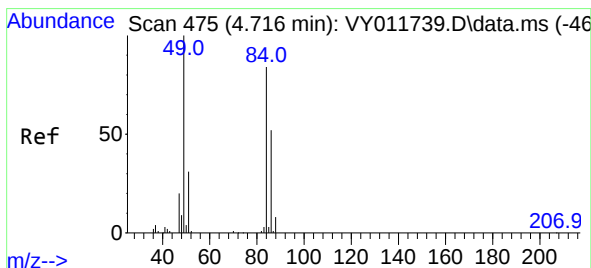
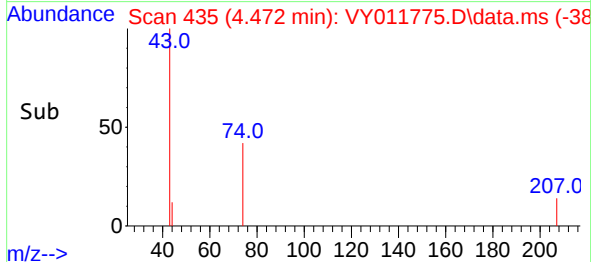
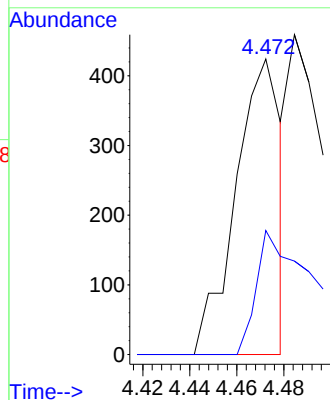
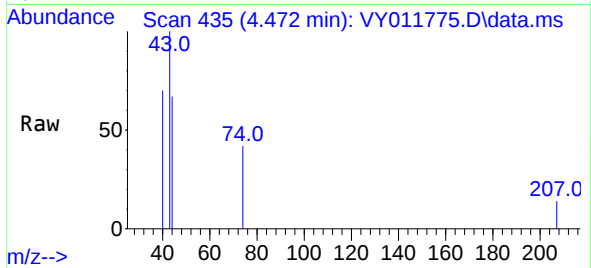




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

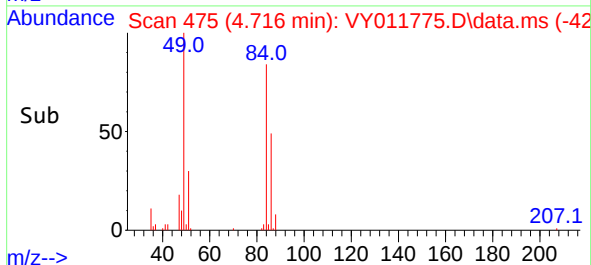
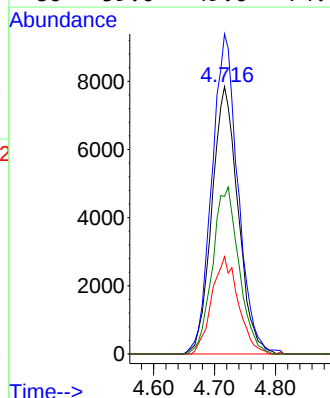
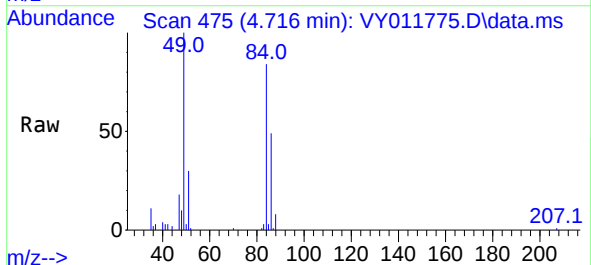
Instrument :
MSVOA_Y
ClientSampleId :
2803-COMP

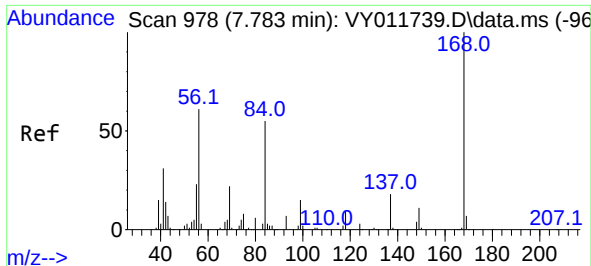
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
74 46.2 20.1 30.1#



#20
Methylene Chloride
Concen: 3.382 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Tgt Ion: 84 Resp: 23414
Ion Ratio Lower Upper
84 100
49 119.7 95.4 143.2
51 36.4 29.9 44.9
86 59.0 49.6 74.4

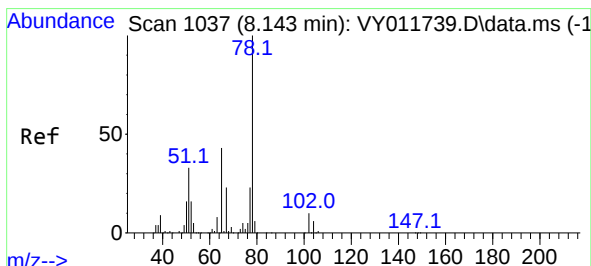
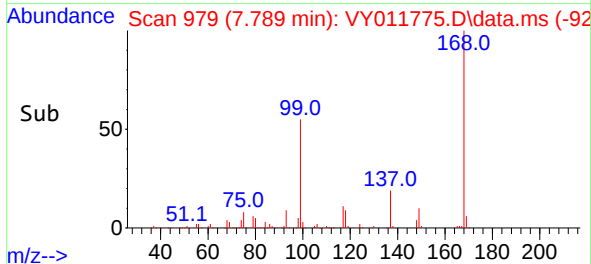
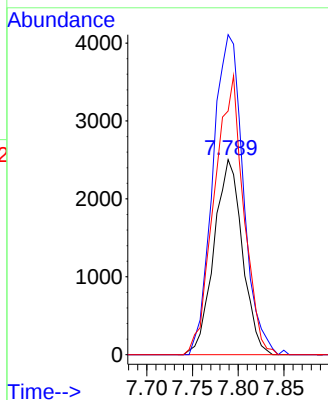
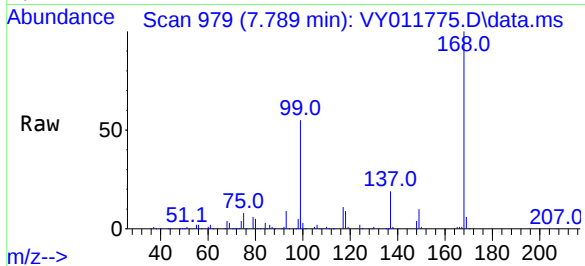




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

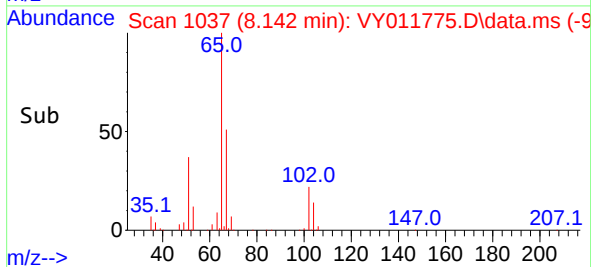
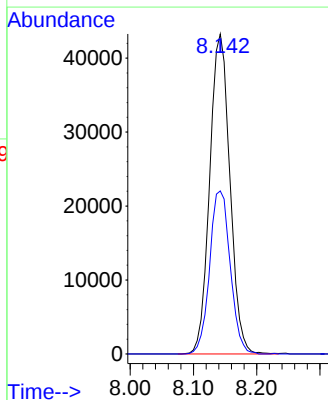
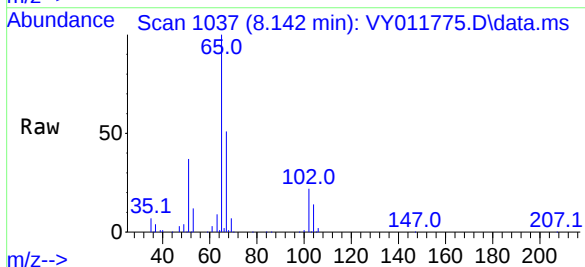
Instrument :
MSVOA_Y
ClientSampleId :
2803-COMP

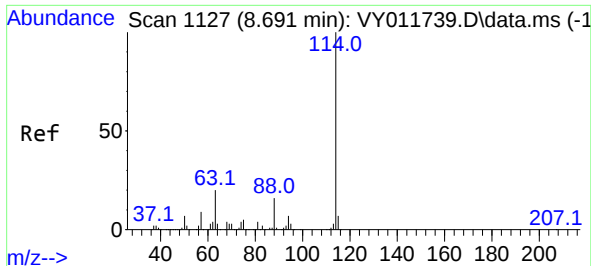
Tgt Ion: 56 Resp: 5419
Ion Ratio Lower Upper
56 100
69 164.1 29.2 43.8#
84 125.0 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 51.883 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Tgt Ion: 65 Resp: 95931
Ion Ratio Lower Upper
65 100
67 51.9 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: VY011775.D

Acq: 12 Dec 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

2803-COMP

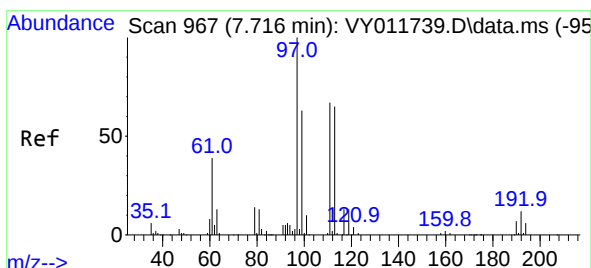
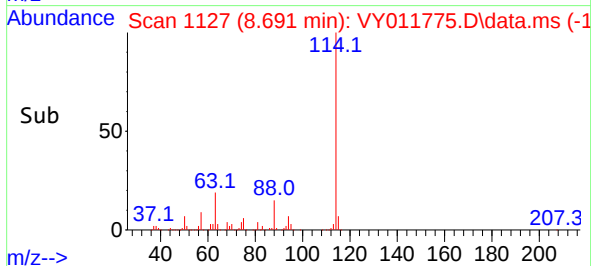
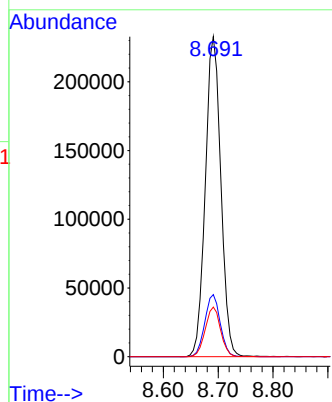
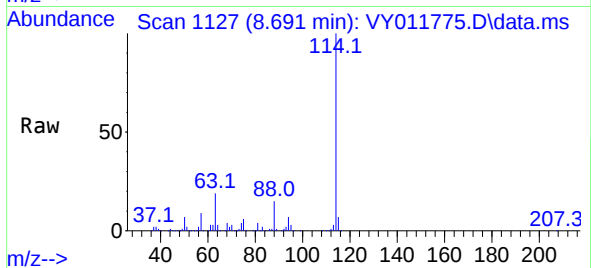
Tgt Ion:114 Resp: 456497

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.566 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011775.D

Acq: 12 Dec 2022 16:42

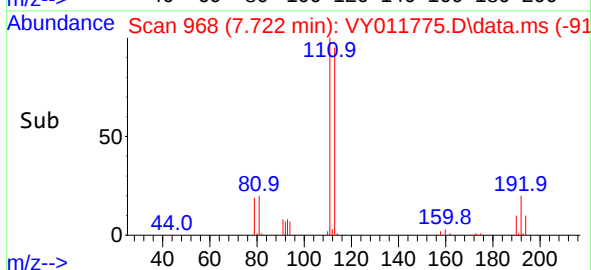
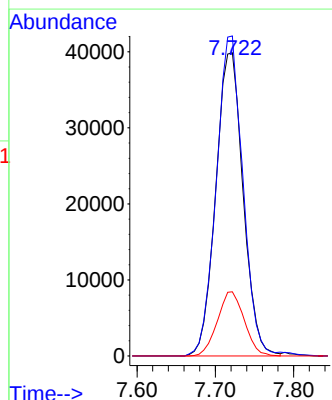
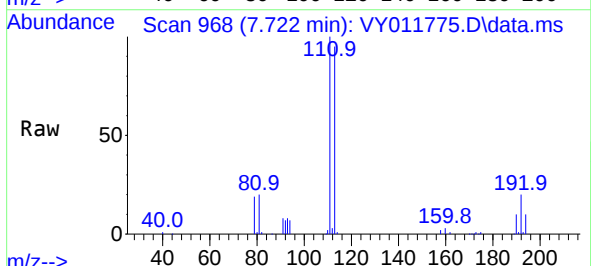
Tgt Ion:113 Resp: 96856

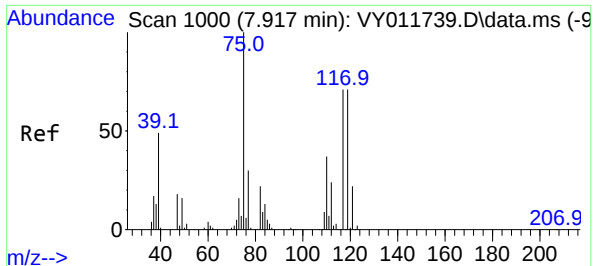
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

192 20.8 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.812 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011775.D

Acq: 12 Dec 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

2803-COMP

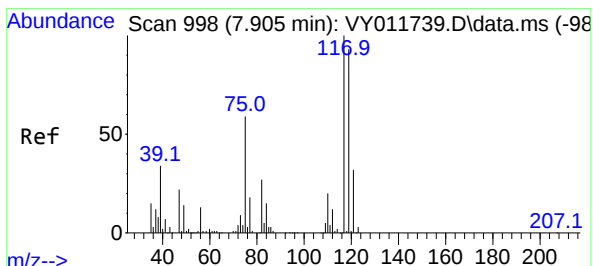
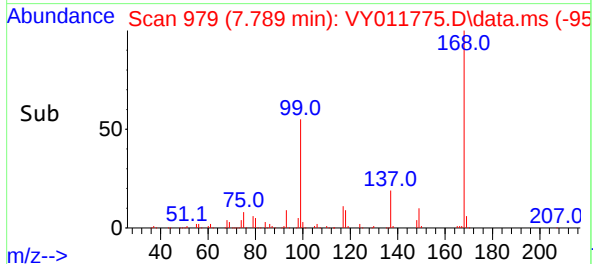
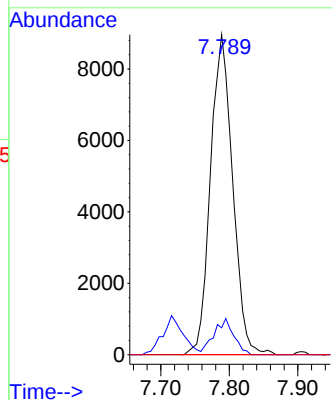
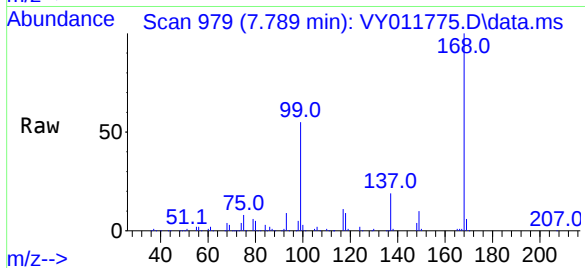
Tgt Ion: 75 Resp: 20133

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.745 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011775.D

Acq: 12 Dec 2022 16:42

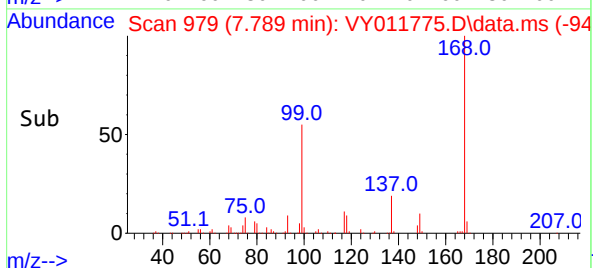
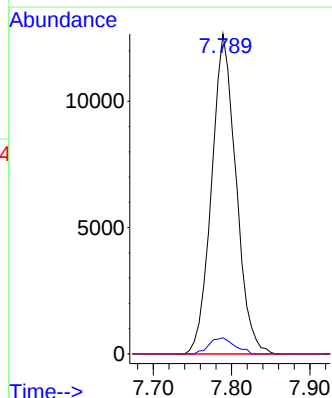
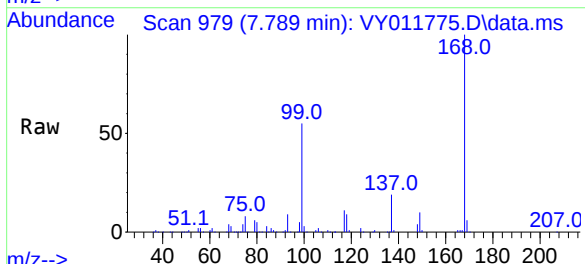
Tgt Ion: 117 Resp: 27446

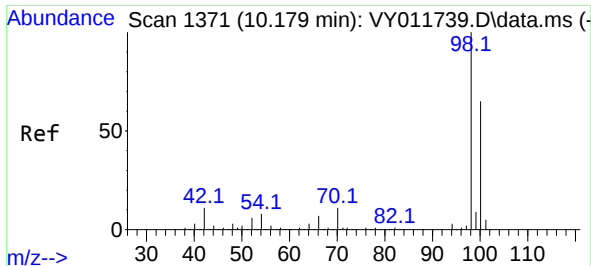
Ion Ratio Lower Upper

117 100

119 5.0 73.8 110.8#

121 0.0 25.2 37.8#

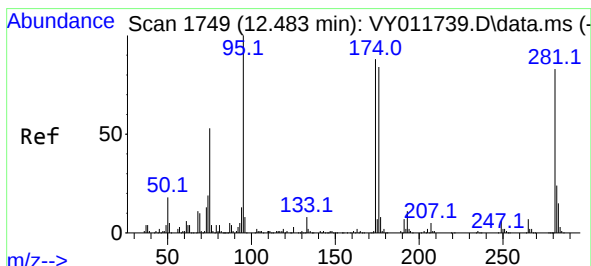
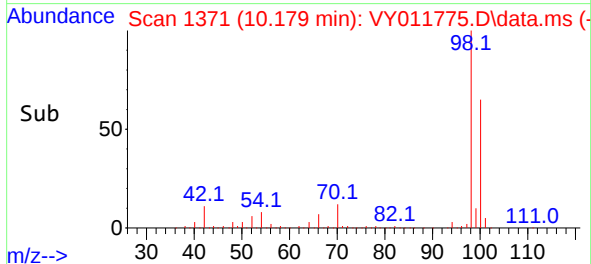
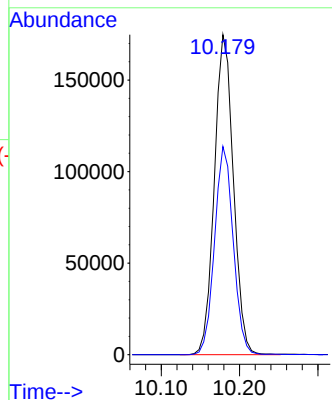
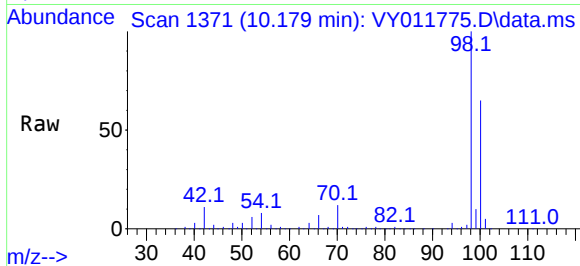




#50
Toluene-d8
Concen: 43.568 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

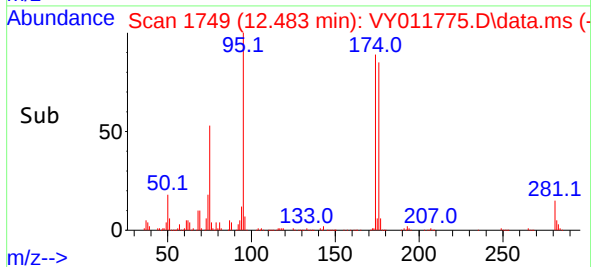
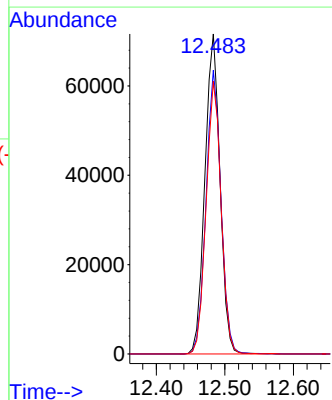
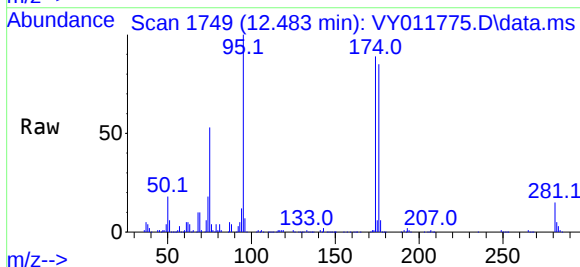
Instrument :
MSVOA_Y
ClientSampleId :
2803-COMP

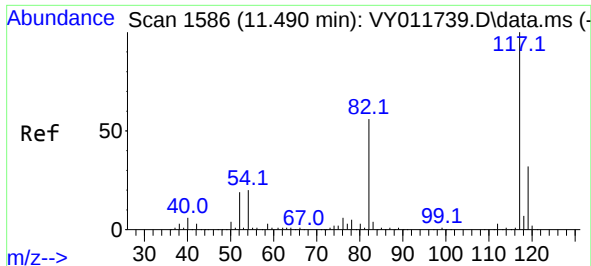
Tgt Ion: 98 Resp: 295390
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.660 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Tgt Ion: 95 Resp: 109872
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.0
176 84.6 0.0 167.6

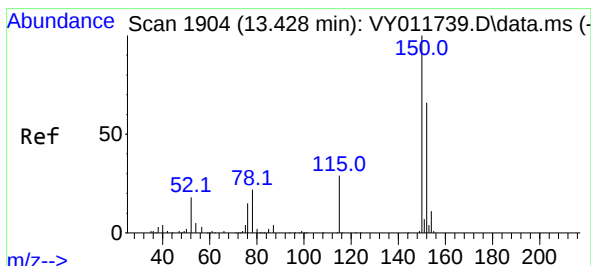
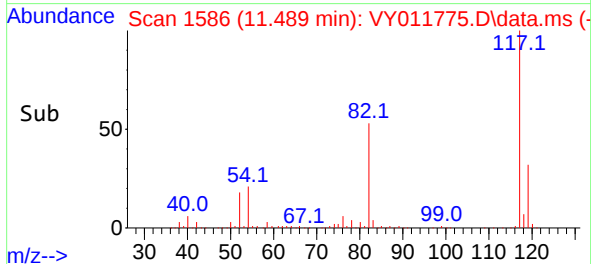
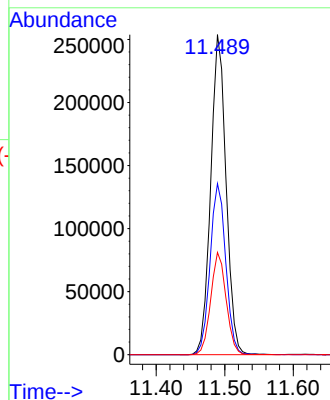
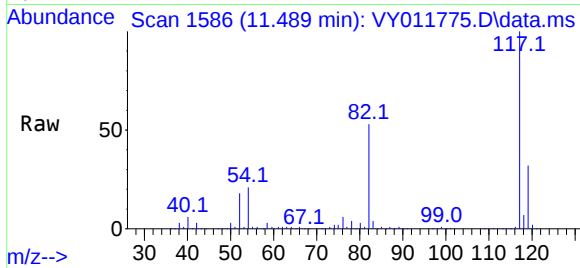




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

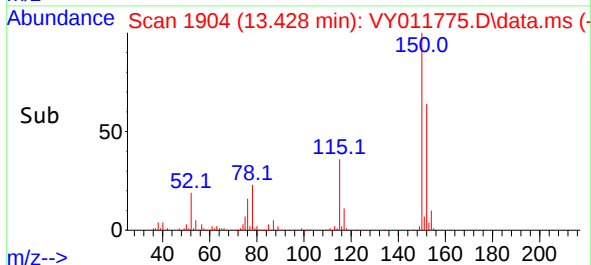
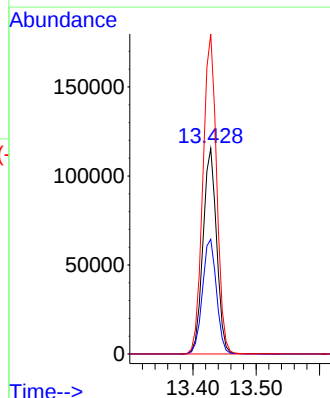
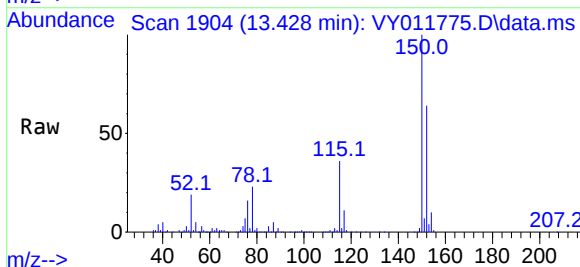
Instrument :
MSVOA_Y
ClientSampleId :
2803-COMP

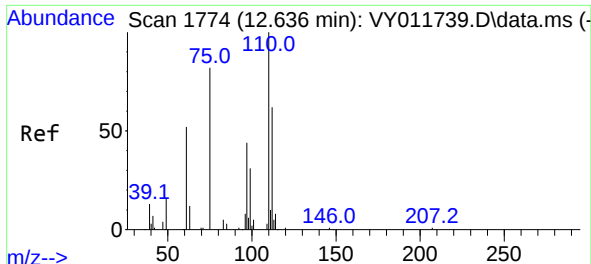
Tgt Ion:117 Resp: 395226
Ion Ratio Lower Upper
117 100
82 53.5 44.8 67.2
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Tgt Ion:152 Resp: 173054
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 157.5 0.0 342.6

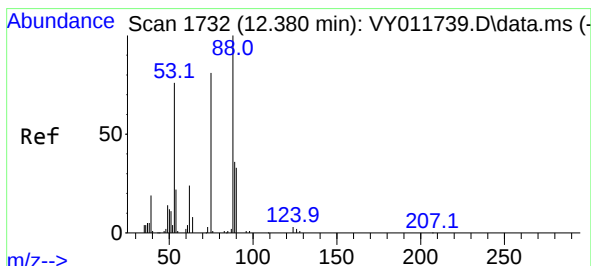
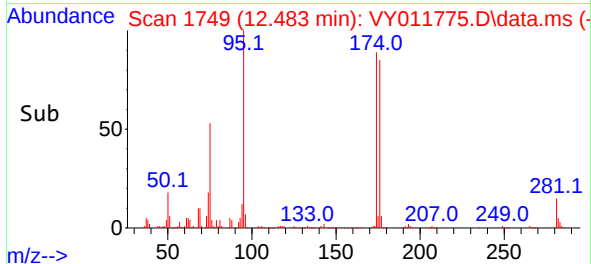
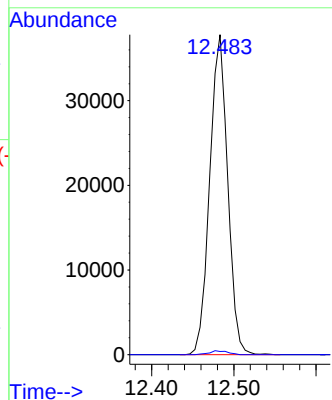
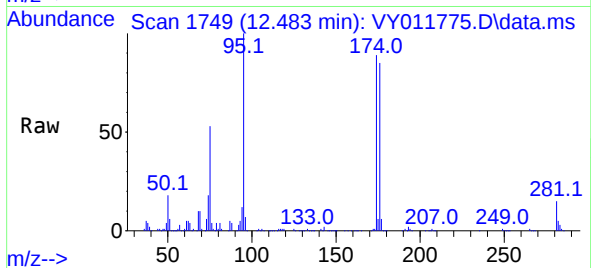




#76
1,2,3-Trichloropropane
Concen: 32.706 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :
2803-COMP

Tgt Ion: 75 Resp: 57263
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Tgt Ion: 75 Resp: 57263
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.3 37.0 55.4#

