

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014375.D
 Acq On : 22 Jun 2023 13:42
 Operator : KP/MD
 Sample : VY0622SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBL01

Quant Time: Jun 22 17:18:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

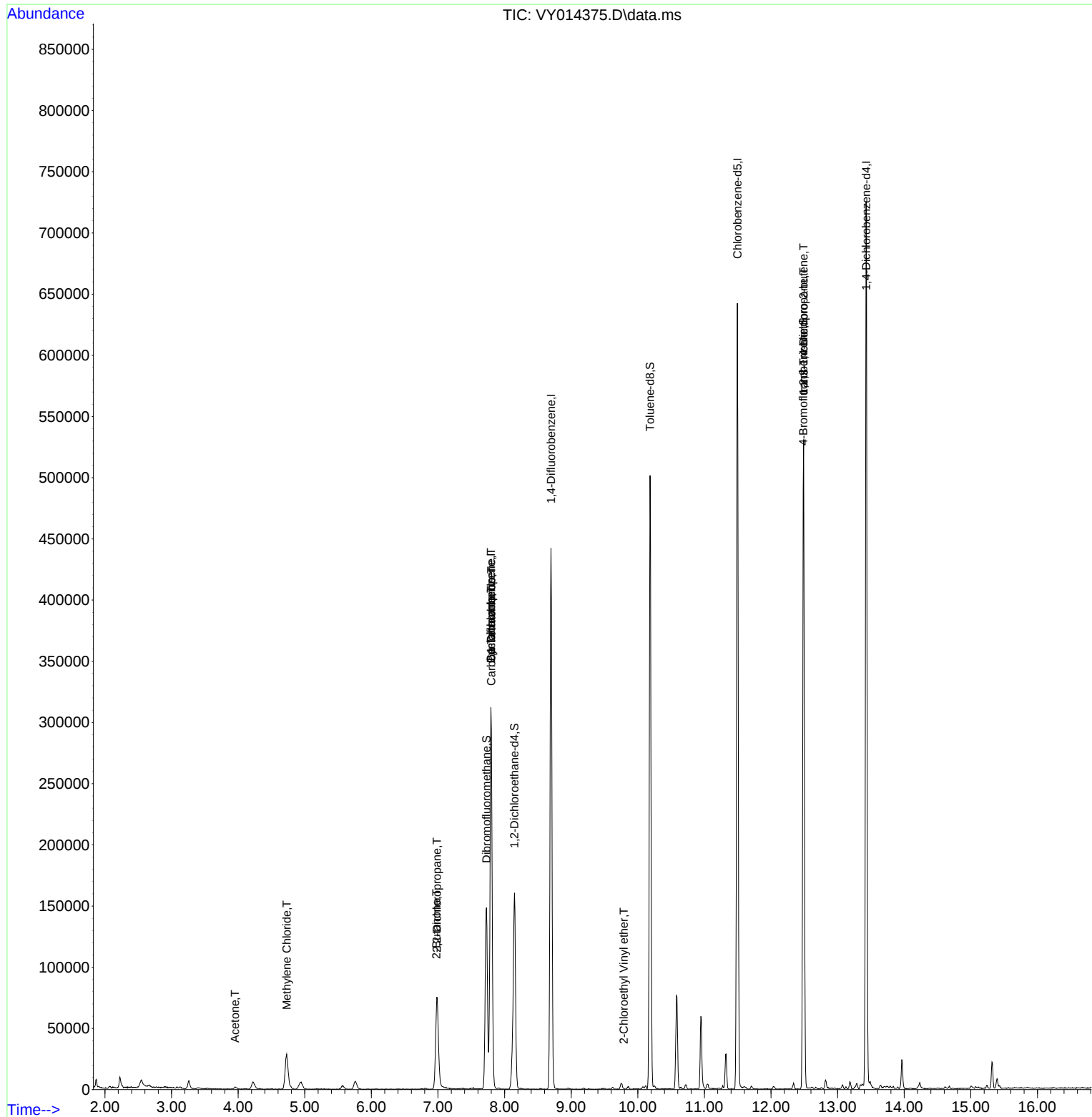
Internal Standards						
1) Pentafluorobenzene	7.795	168	239840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	366175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	341976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124335	37.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.460%
35) Dibromofluoromethane	7.728	113	102079	39.309	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.620%
50) Toluene-d8	10.185	98	324673	33.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	66.880%
62) 4-Bromofluorobenzene	12.483	95	125125	36.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	6244	Below Cal	#	90
16) Acetone	3.954	43	2907	2.888	ug/l	98
20) Methylene Chloride	4.728	84	20561	3.029	ug/l	92
25) 2-Butanone	6.978	43	4690	3.785	ug/l #	68
26) 2,2-Dichloropropane	6.984	77	5628	1.094	ug/l #	54
31) Cyclohexane	7.795	56	5321	1.189	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	18380	4.540	ug/l #	50
38) Carbon Tetrachloride	7.801	117	23652	5.063	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.789	63	38	28.641	ug/l #	48
76) 1,2,3-Trichloropropane	12.489	75	69924	28.856	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	69924	62.376	ug/l #	11

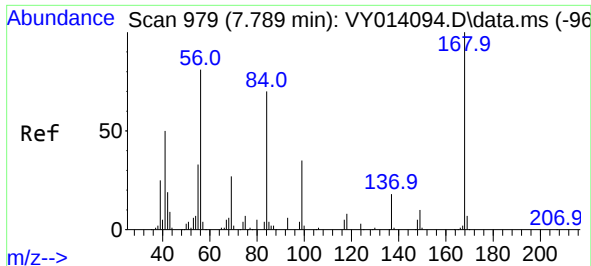
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
Data File : VY014375.D
Acq On : 22 Jun 2023 13:42
Operator : KP/MD
Sample : VY06222SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY06222SBL01

Quant Time: Jun 22 17:18:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

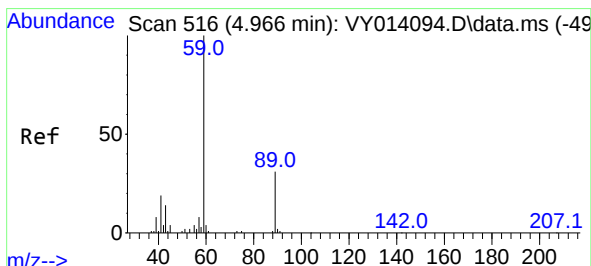
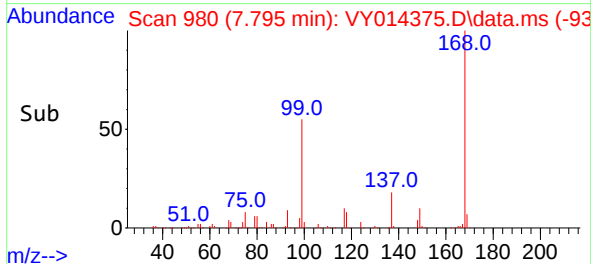
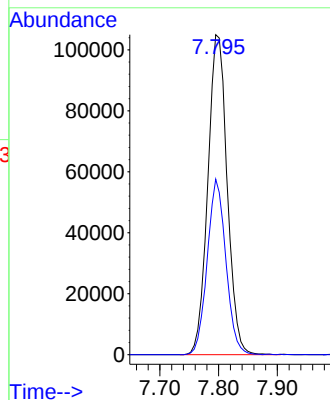
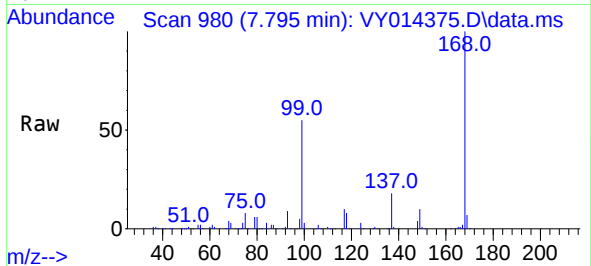




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

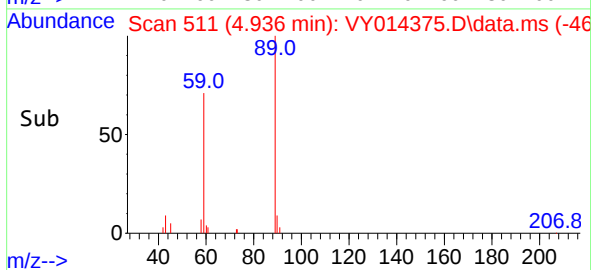
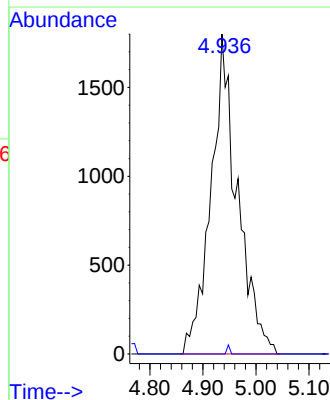
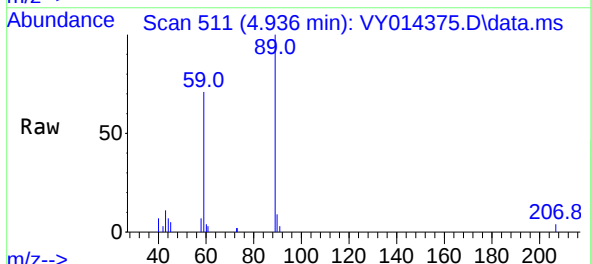
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

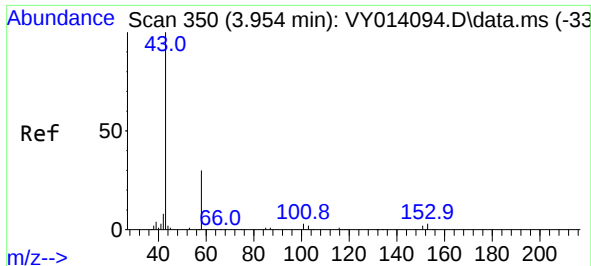
Tgt Ion:168 Resp: 239840
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

Tgt Ion: 59 Resp: 6244
Ion Ratio Lower Upper
59 100
57 0.3 3.0 4.4#

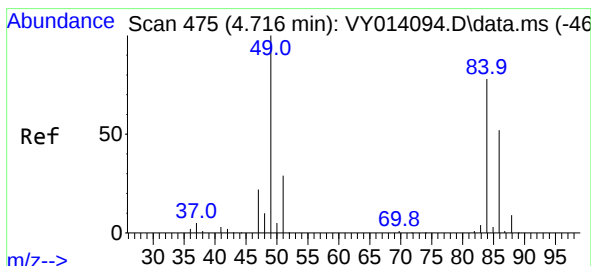
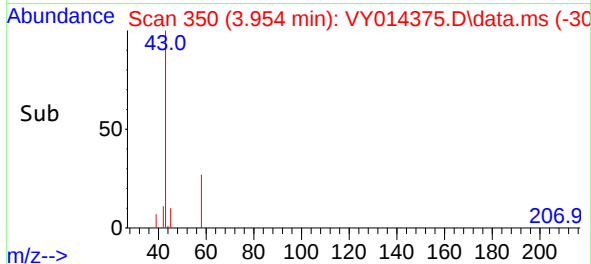
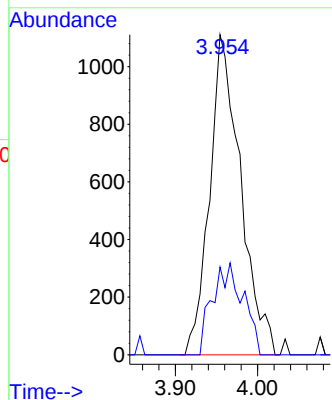
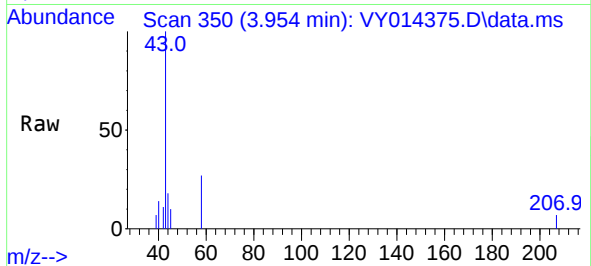




#16
Acetone
Concen: 2.888 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

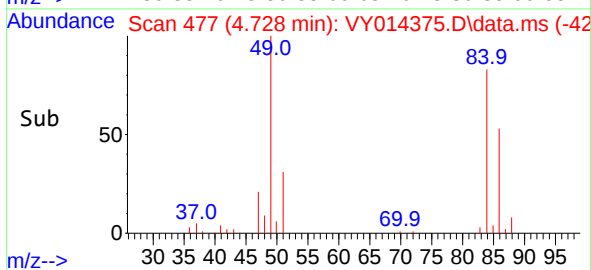
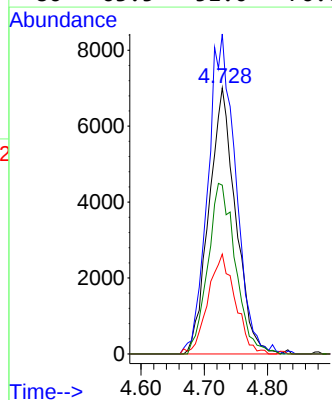
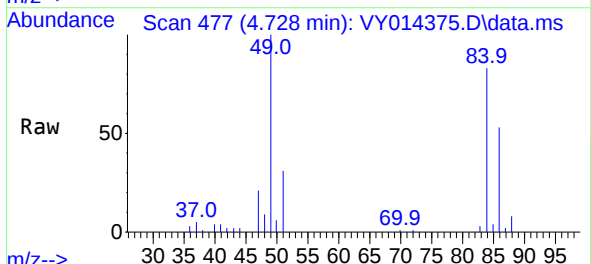
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

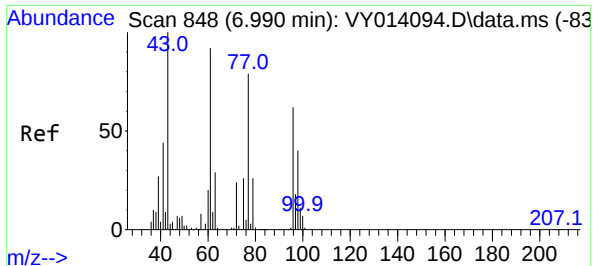
Tgt Ion: 43 Resp: 2907
Ion Ratio Lower Upper
43 100
58 27.4 22.7 34.1



#20
Methylene Chloride
Concen: 3.029 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

Tgt Ion: 84 Resp: 20561
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 37.5 33.2 49.8
86 63.5 51.0 76.6





#25

2-Butanone

Concen: 3.785 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014375.D

Acq: 22 Jun 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

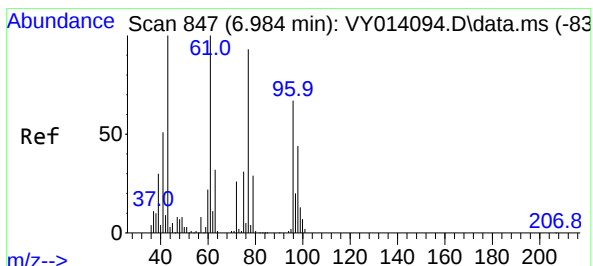
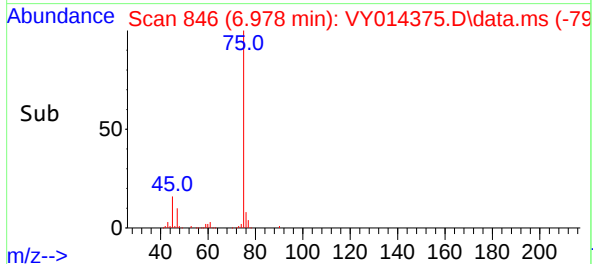
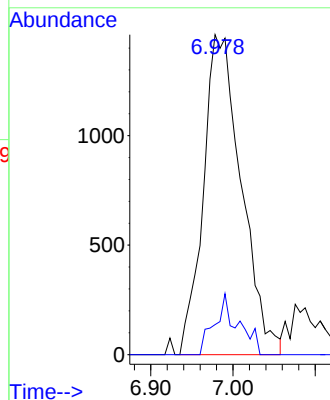
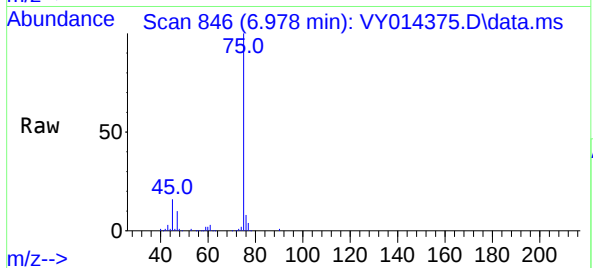
VY0622SBL01

Tgt Ion: 43 Resp: 4690

Ion Ratio Lower Upper

43 100

72 9.4 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.094 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014375.D

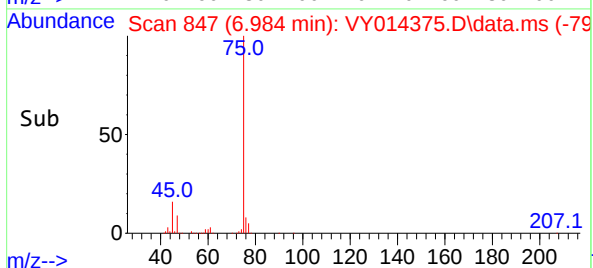
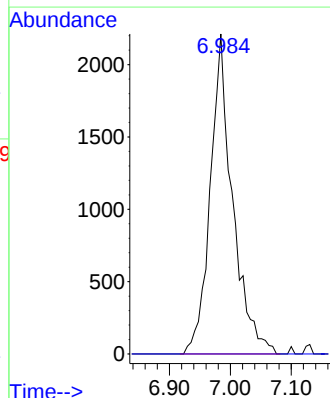
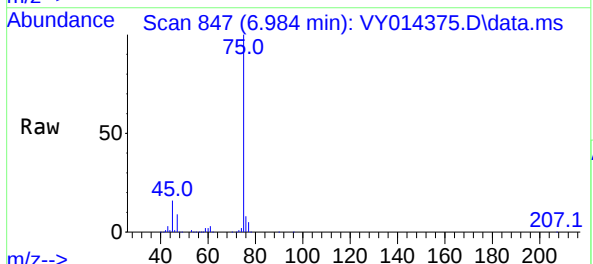
Acq: 22 Jun 2023 13:42

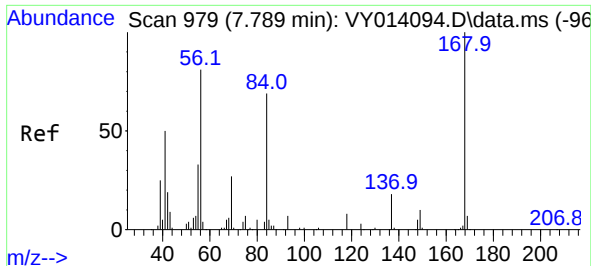
Tgt Ion: 77 Resp: 5628

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

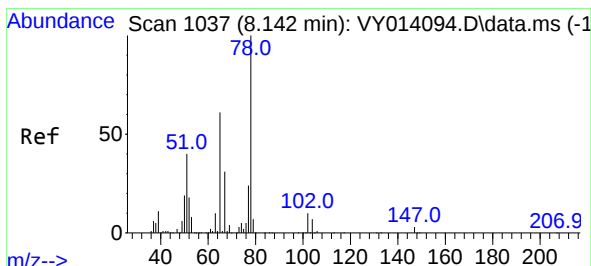
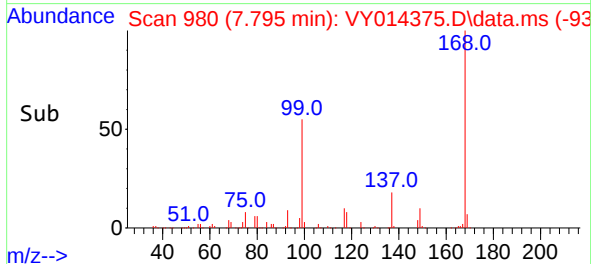
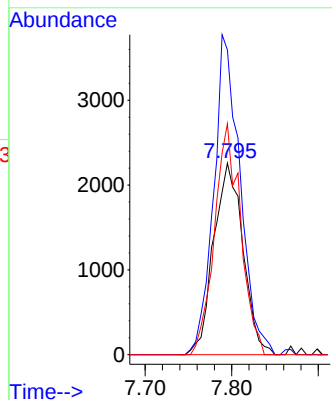
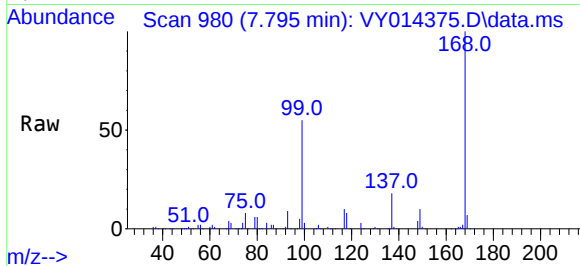




#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

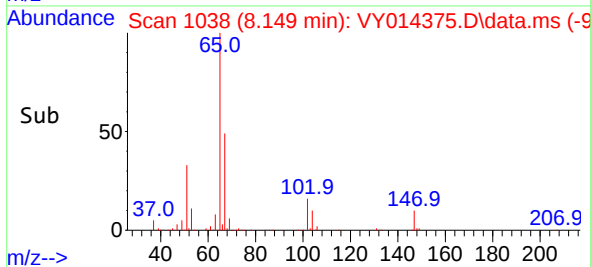
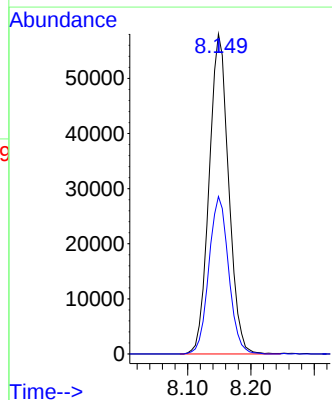
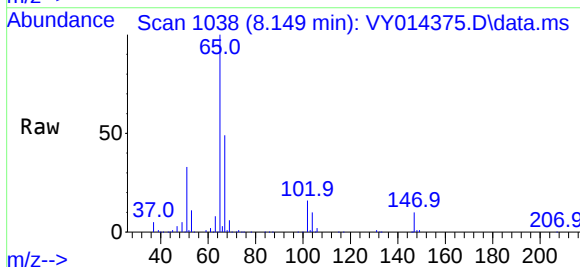
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

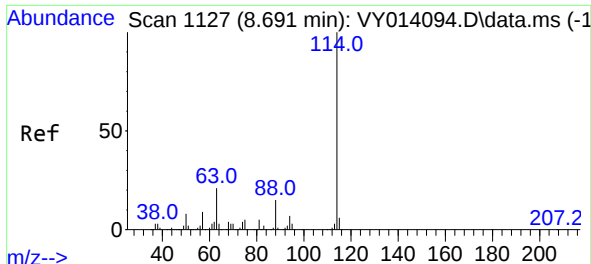
Tgt Ion: 56 Resp: 5321
Ion Ratio Lower Upper
56 100
69 159.1 27.8 41.6#
84 120.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 37.228 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

Tgt Ion: 65 Resp: 124335
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014375.D

Acq: 22 Jun 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBL01

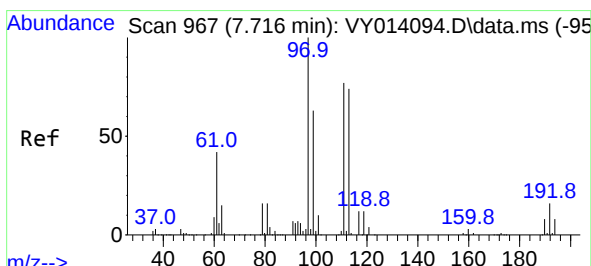
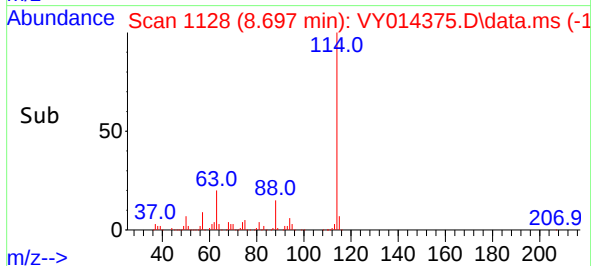
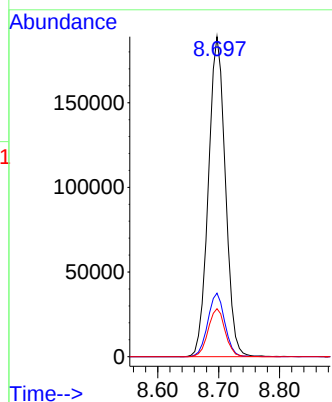
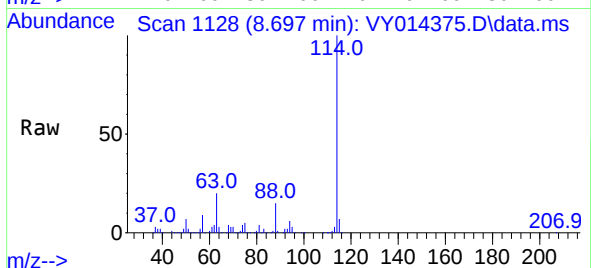
Tgt Ion:114 Resp: 366175

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 39.309 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014375.D

Acq: 22 Jun 2023 13:42

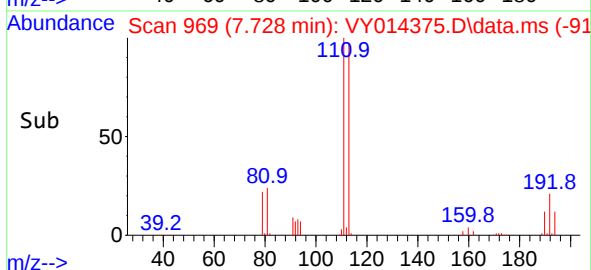
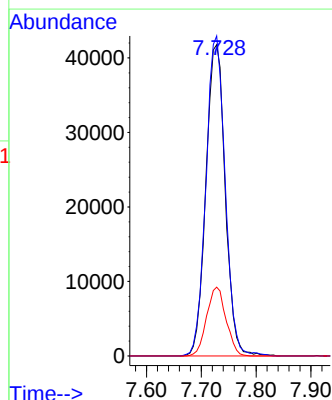
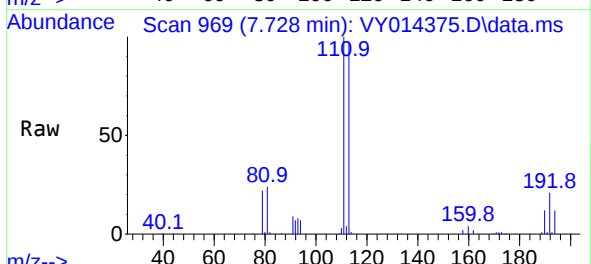
Tgt Ion:113 Resp: 102079

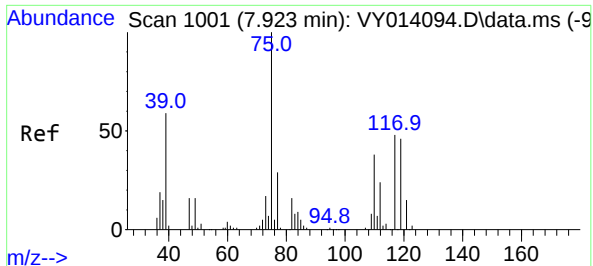
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 22.1 16.9 25.3

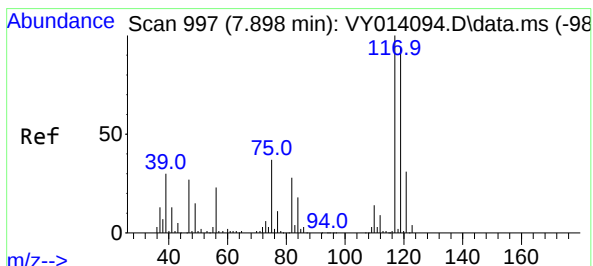
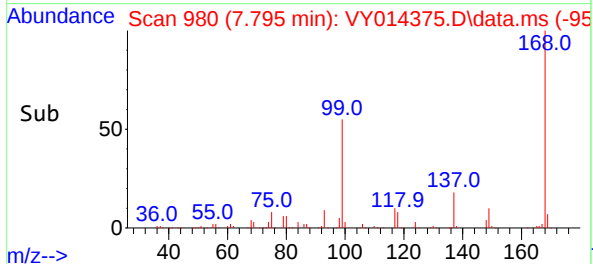
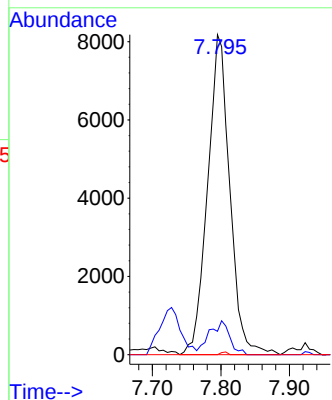
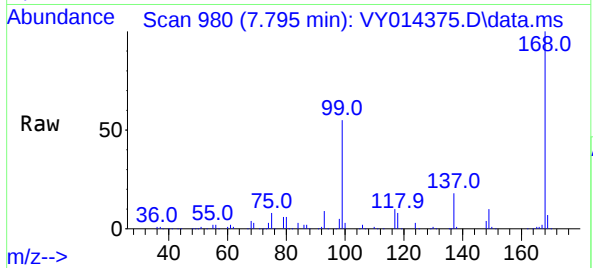




#36
1,1-Dichloropropene
Concen: 4.540 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

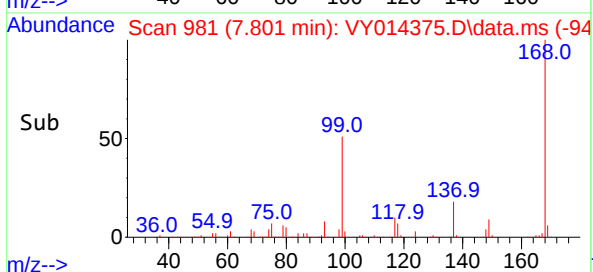
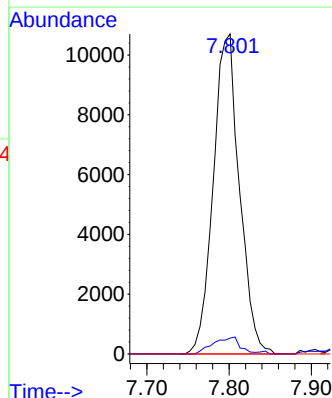
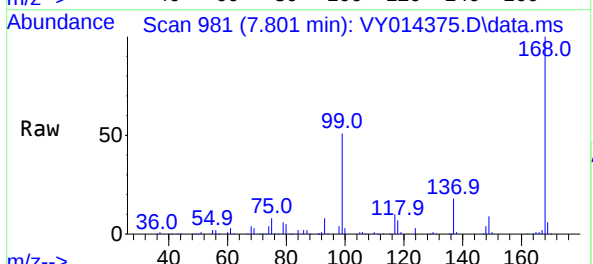
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

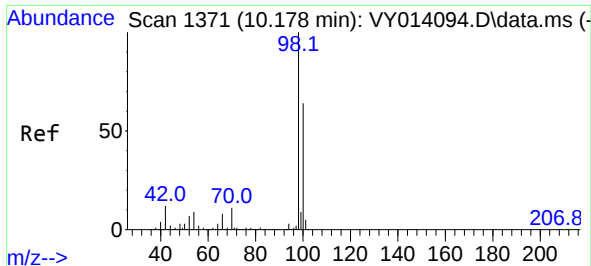
Tgt Ion: 75 Resp: 18380
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.063 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.097 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

Tgt Ion: 117 Resp: 23652
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#

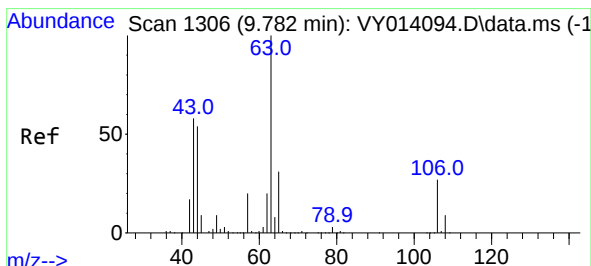
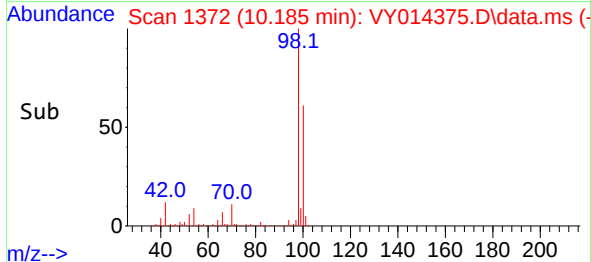
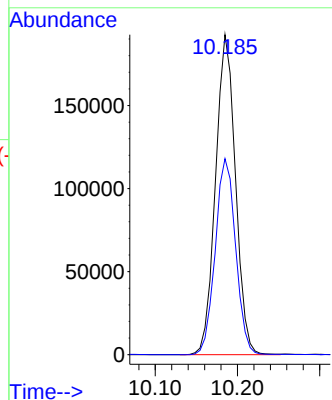
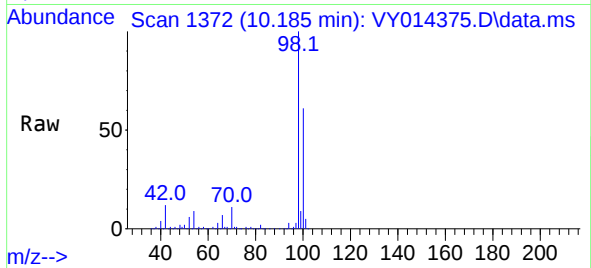




#50
Toluene-d8
Concen: 33.442 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

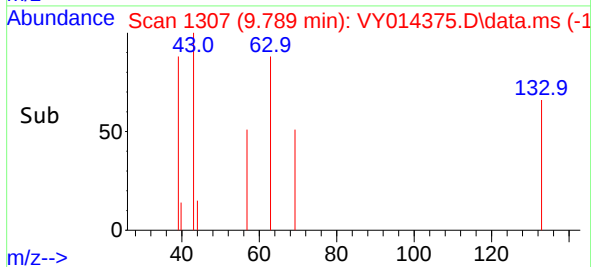
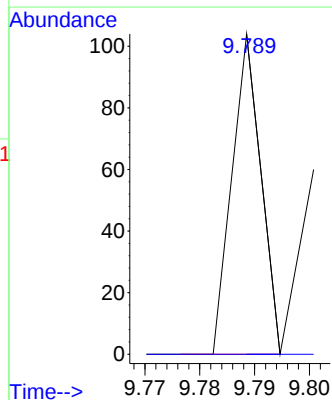
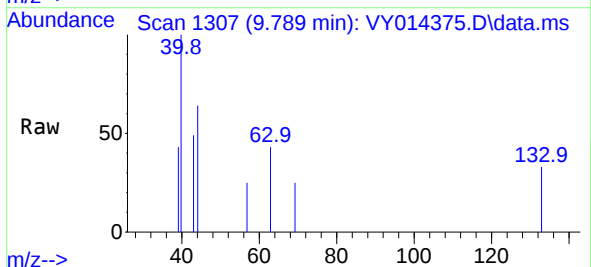
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

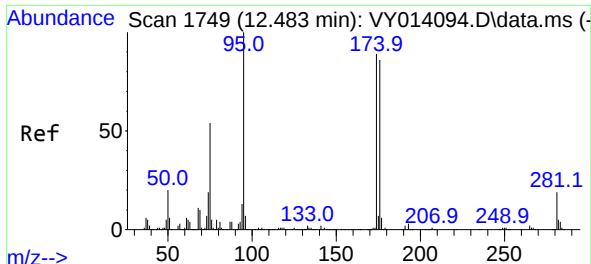
Tgt Ion: 98 Resp: 324673
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#58
2-Chloroethyl Vinyl ether
Concen: 28.641 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.007 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

Tgt Ion: 63 Resp: 38
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#

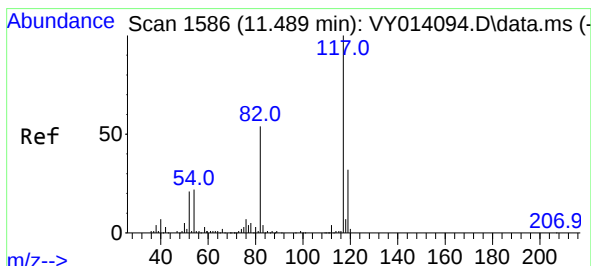
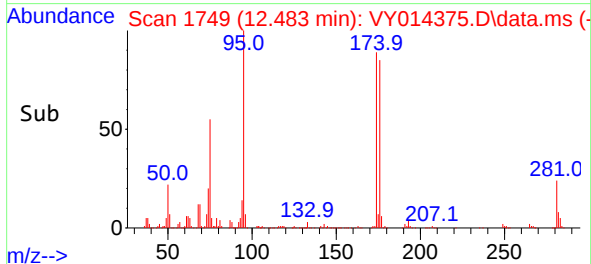
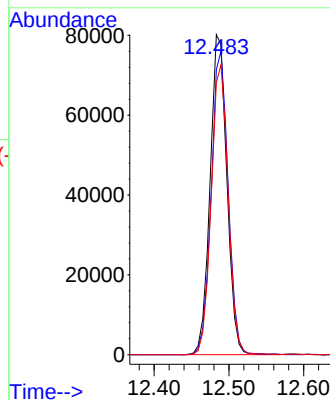
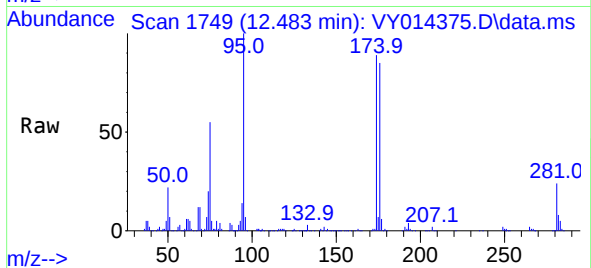




#62
4-Bromofluorobenzene
Concen: 36.281 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

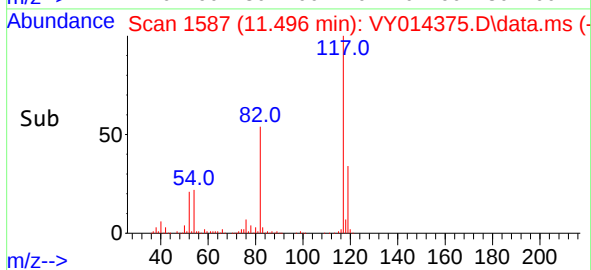
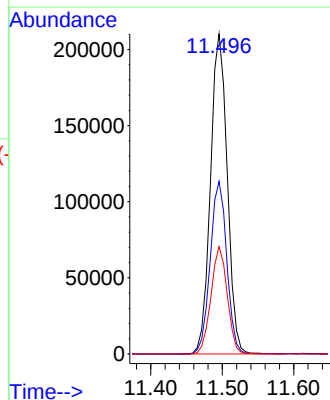
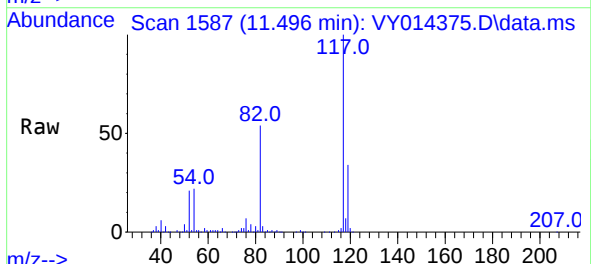
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

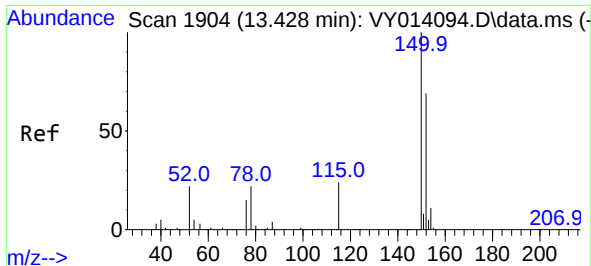
Tgt Ion: 95 Resp: 125125
Ion Ratio Lower Upper
95 100
174 95.7 0.0 178.2
176 91.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

Tgt Ion: 117 Resp: 341976
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 33.5 26.3 39.5

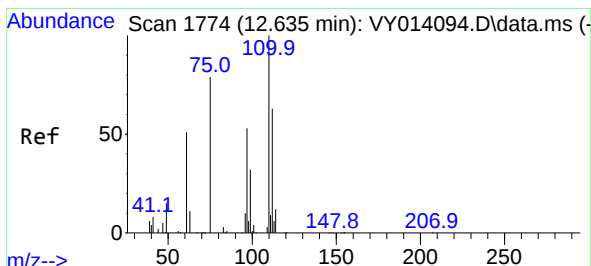
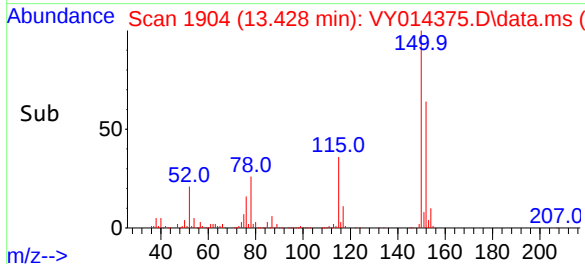
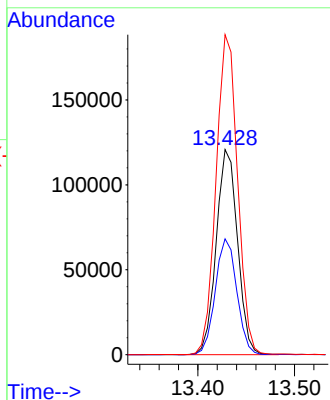
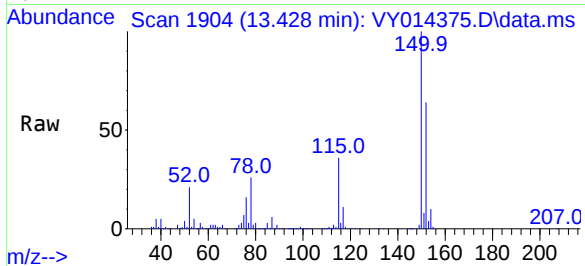




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

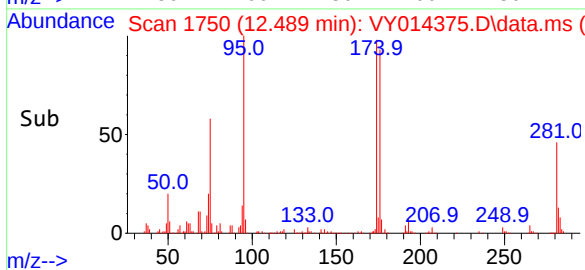
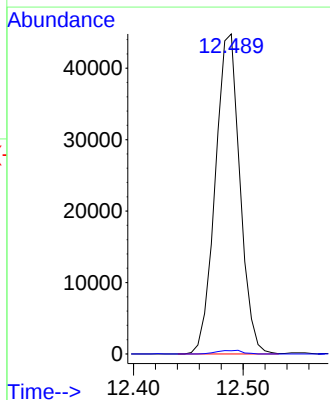
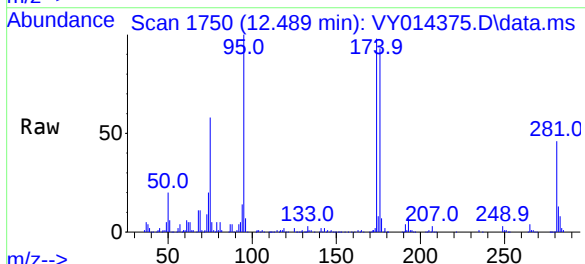
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

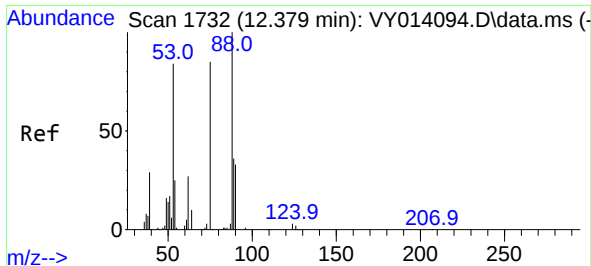
Tgt Ion:152 Resp: 184697
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.5
150 157.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 28.856 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY014375.D
Acq: 22 Jun 2023 13:42

Tgt Ion: 75 Resp: 69924
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.376 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY014375.D
 Acq: 22 Jun 2023 13:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBL01

Tgt Ion: 75 Resp: 69924
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.4 37.4 56.0#

