

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014465.D
 Acq On : 27 Jun 2023 17:56
 Operator : KP/MD
 Sample : 03375-05RE
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 03375-04MS

Quant Time: Jun 28 02:27:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

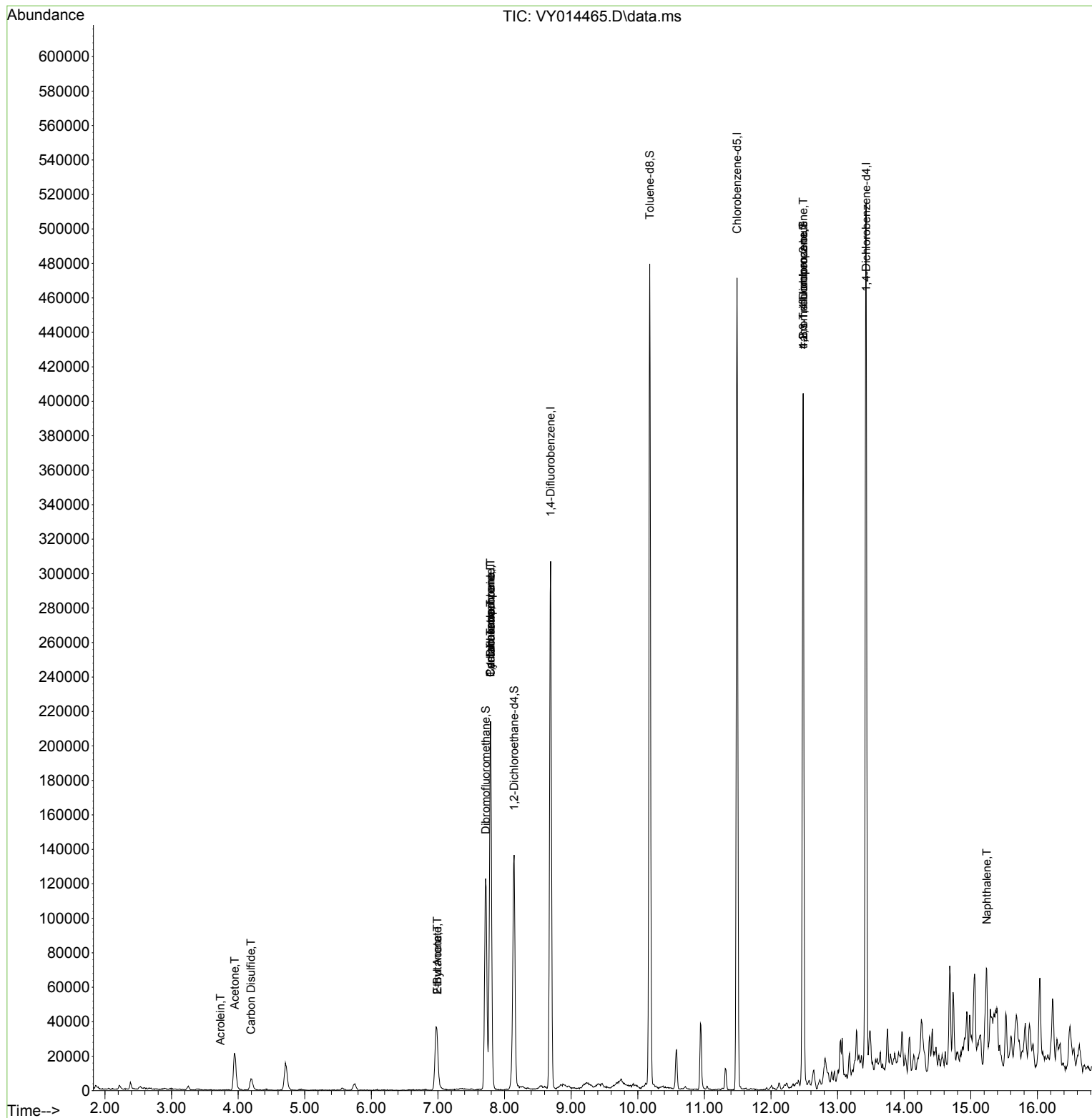
Internal Standards						
1) Pentafluorobenzene	7.789	168	165005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113706	55.502	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.000%			
35) Dibromofluoromethane	7.716	113	82868	51.676	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.360%			
50) Toluene-d8	10.179	98	308293	48.363	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.720%			
62) 4-Bromofluorobenzene	12.483	95	106360	46.736	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.480%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	368	Below Cal	#	89
13) Acrolein	3.735	56	79	4.633	ug/l #	14
16) Acetone	3.948	43	38840	60.250	ug/l	99
17) Carbon Disulfide	4.192	76	9505	2.021	ug/l	99
25) 2-Butanone	6.990	43	7498	9.338	ug/l #	89
31) Cyclohexane	7.789	56	3312	1.309	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	12004	4.858	ug/l #	52
37) Ethyl Acetate	6.990	43	7498	4.403	ug/l #	74
38) Carbon Tetrachloride	7.789	117	16475	5.298	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	61043	35.566	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61043	80.973	ug/l #	11
95) Naphthalene	15.239	128	44836	7.610	ug/l	98

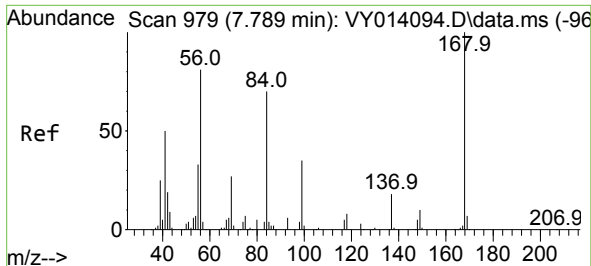
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
Data File : VY014465.D
Acq On : 27 Jun 2023 17:56
Operator : KP/MD
Sample : 03375-05RE
Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
03375-04MS

Quant Time: Jun 28 02:27:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

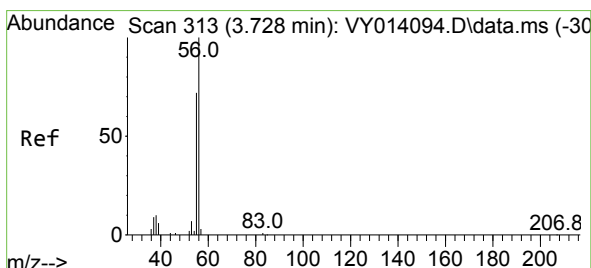
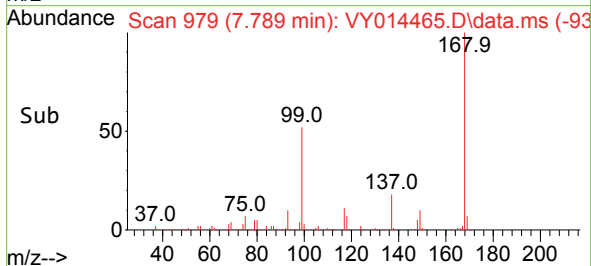
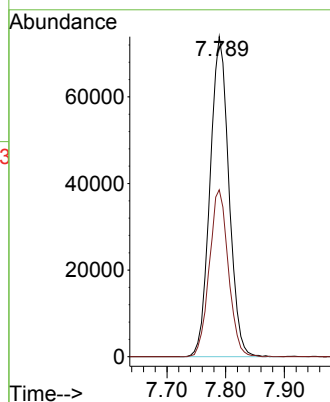
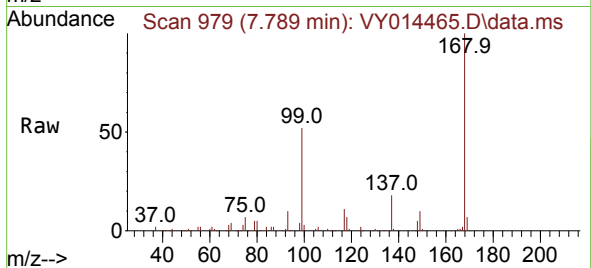




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

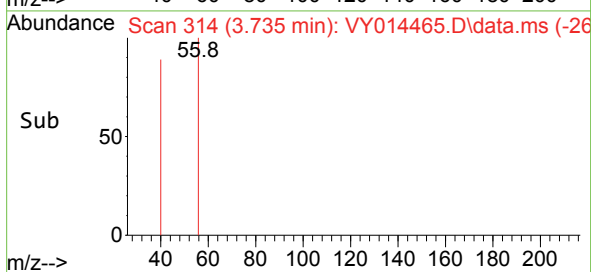
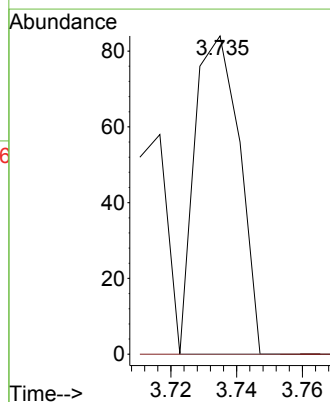
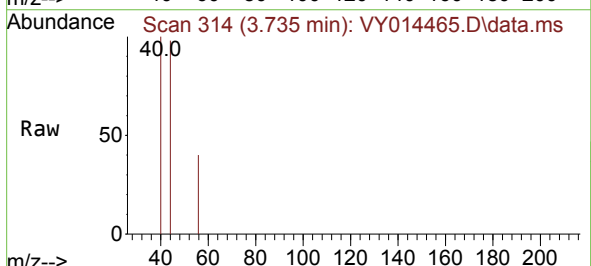
Instrument :
MSVOA_Y
ClientSampleId :
O3375-04MS

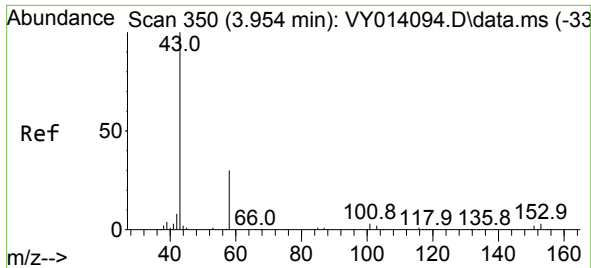
Tgt Ion:168 Resp: 165005
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#13
Acrolein
Concen: 4.633 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.007 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

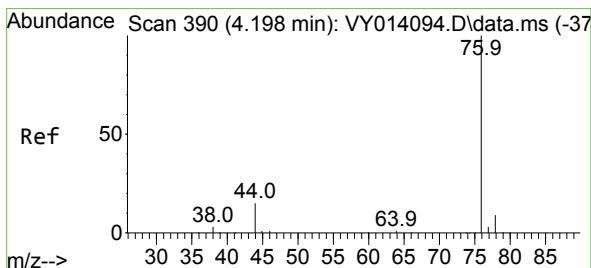
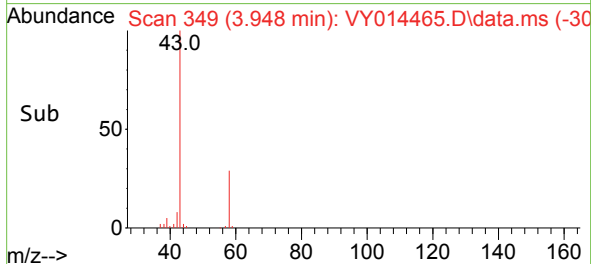
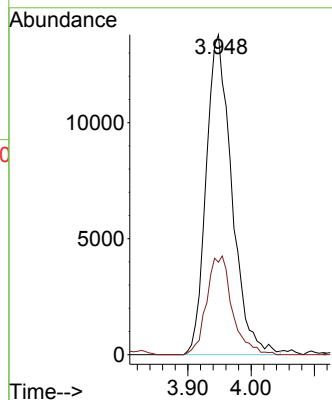
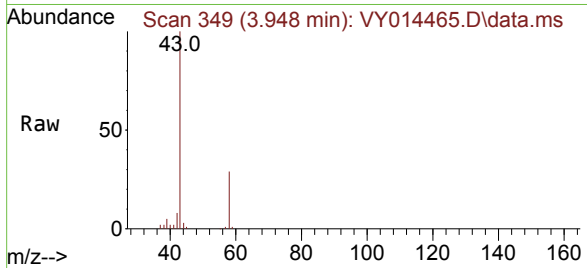




#16
Acetone
Concen: 60.250 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

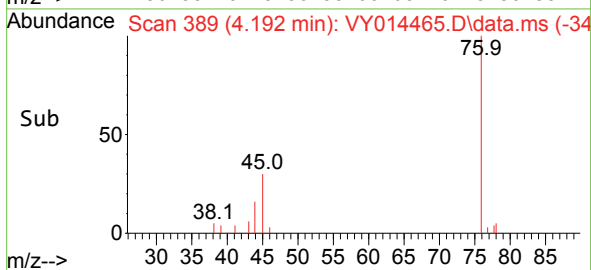
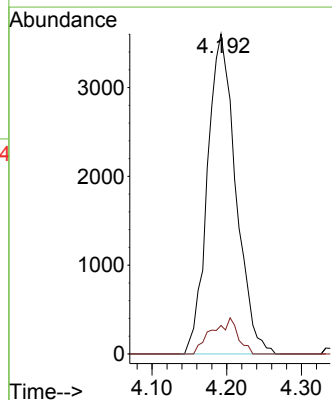
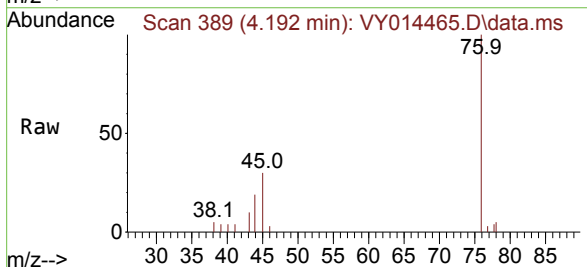
Instrument :
MSVOA_Y
ClientSampleId :
O3375-04MS

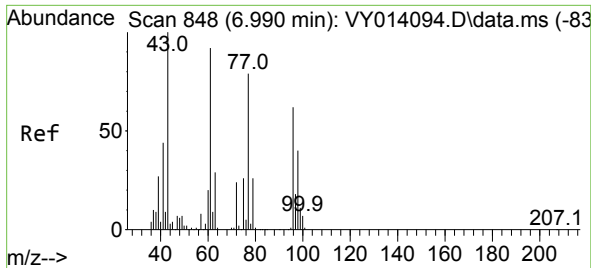
Tgt Ion: 43 Resp: 38840
Ion Ratio Lower Upper
43 100
58 28.9 22.7 34.1



#17
Carbon Disulfide
Concen: 2.021 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

Tgt Ion: 76 Resp: 9505
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

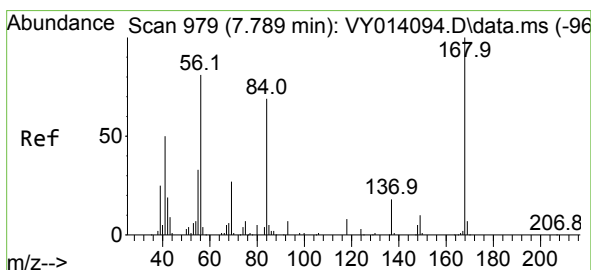
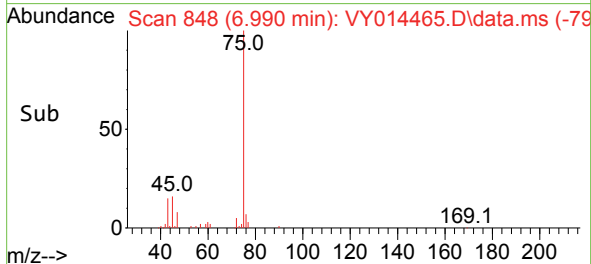
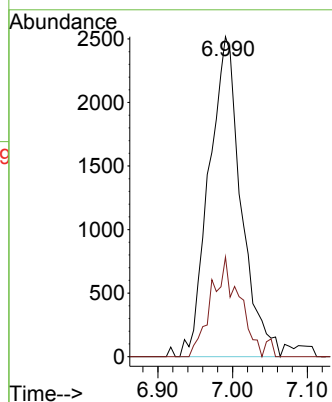
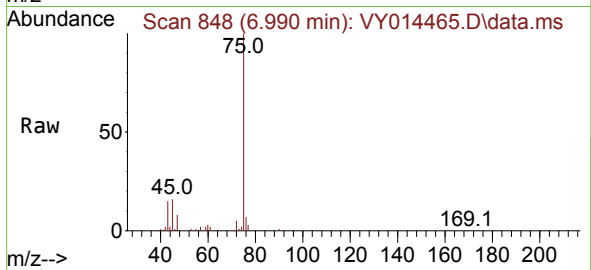




#25
2-Butanone
Concen: 9.338 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

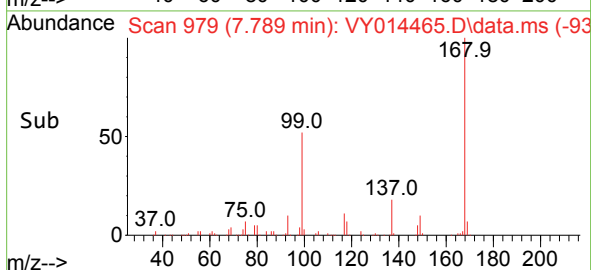
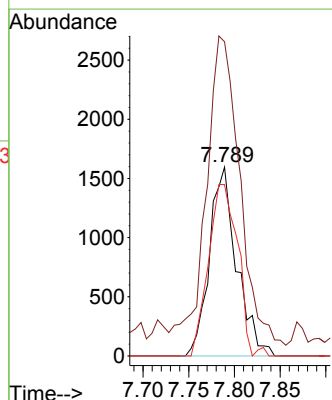
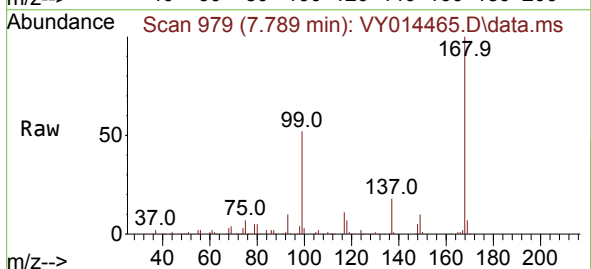
Instrument :
MSVOA_Y
ClientSampleId :
O3375-04MS

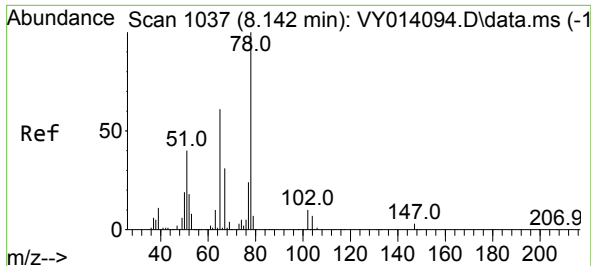
Tgt Ion: 43 Resp: 7498
Ion Ratio Lower Upper
43 100
72 31.1 20.5 30.7#



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

Tgt Ion: 56 Resp: 3312
Ion Ratio Lower Upper
56 100
69 158.1 27.8 41.6#
84 90.8 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 55.502 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY014465.D

Acq: 27 Jun 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

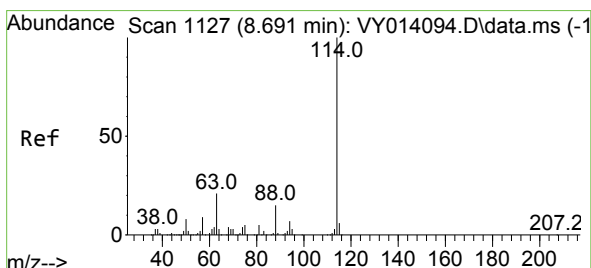
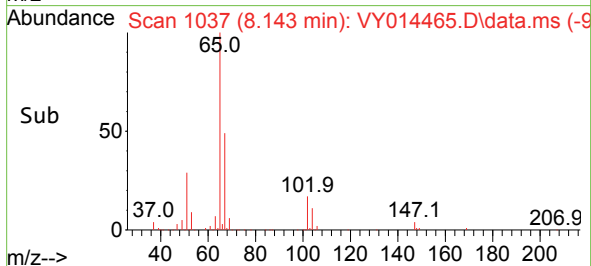
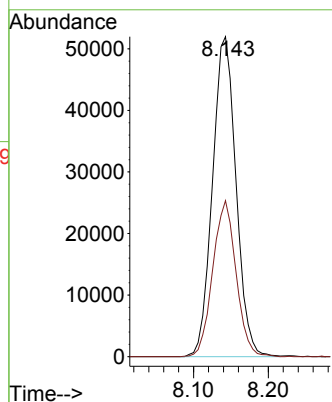
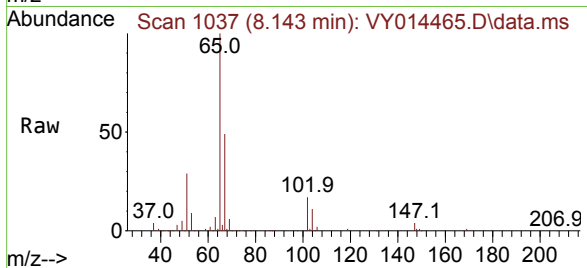
O3375-04MS

Tgt Ion: 65 Resp: 113706

Ion Ratio Lower Upper

65 100

67 48.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014465.D

Acq: 27 Jun 2023 17:56

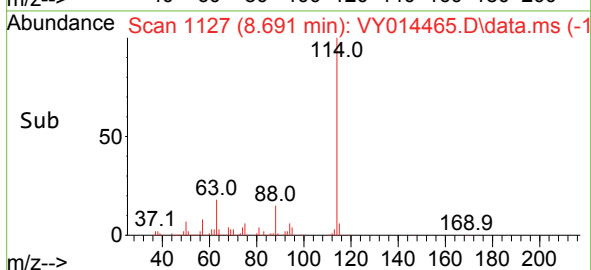
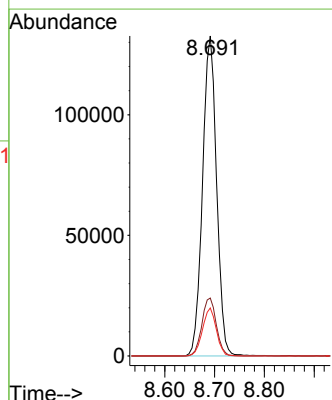
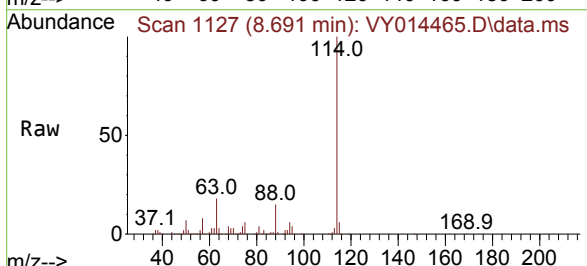
Tgt Ion:114 Resp: 259559

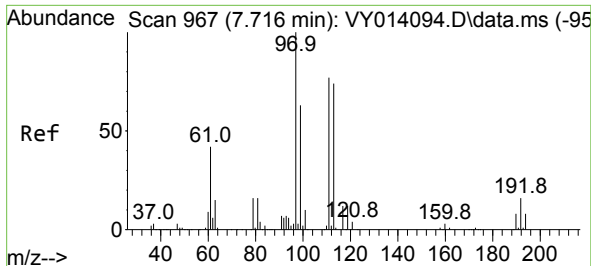
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.0 0.0 30.6

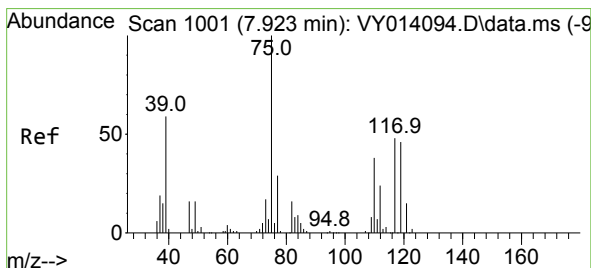
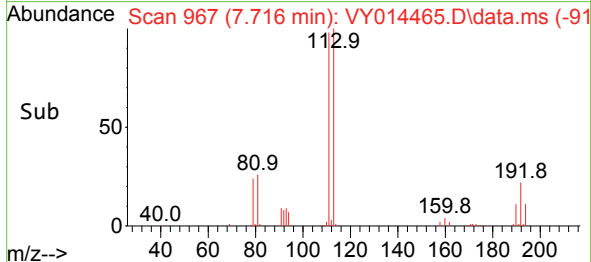
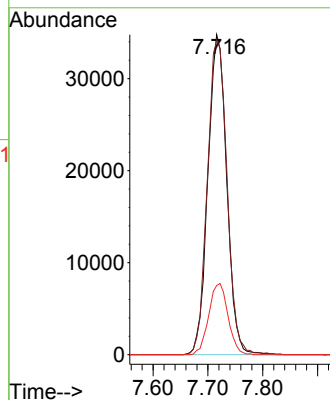
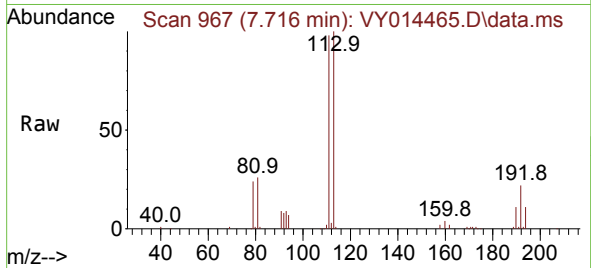




#35
Dibromofluoromethane
Concen: 51.676 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

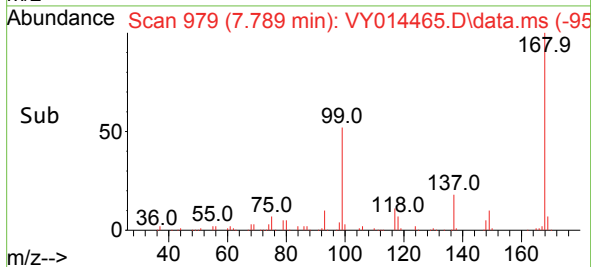
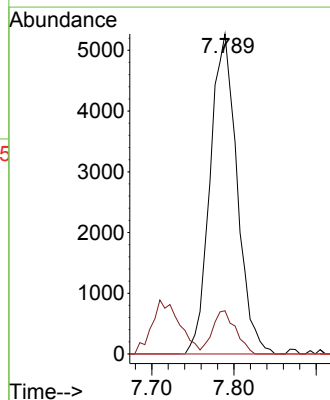
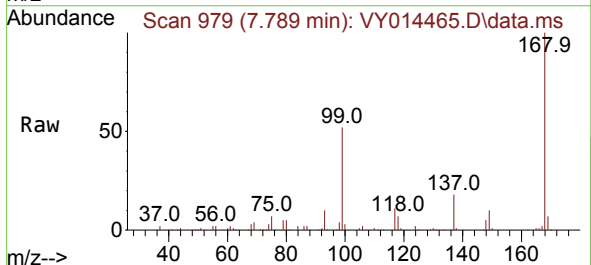
Instrument :
MSVOA_Y
ClientSampleId :
O3375-04MS

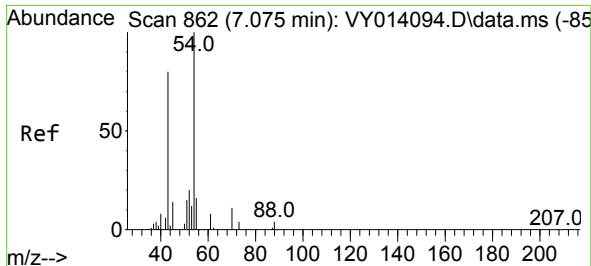
Tgt Ion:113 Resp: 82868
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 22.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

Tgt Ion: 75 Resp: 12004
Ion Ratio Lower Upper
75 100
110 11.7 17.8 53.5#
77 0.0 24.4 36.6#

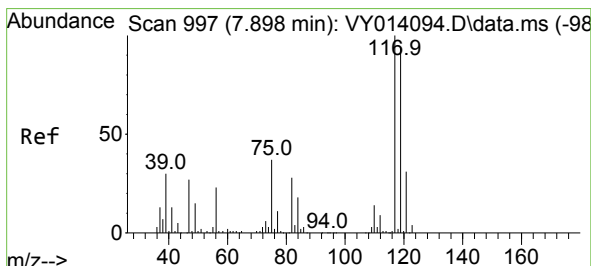
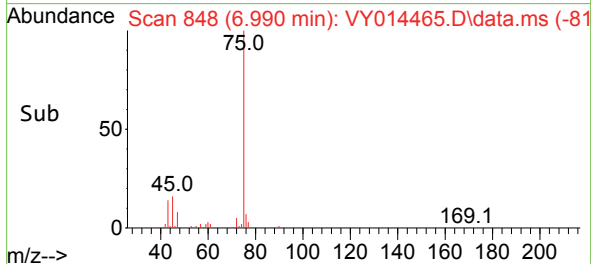
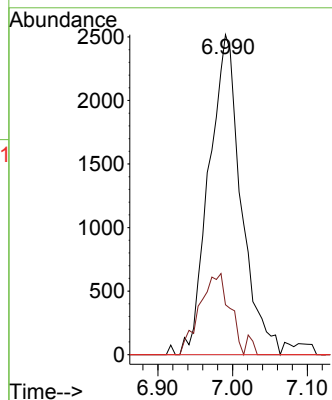
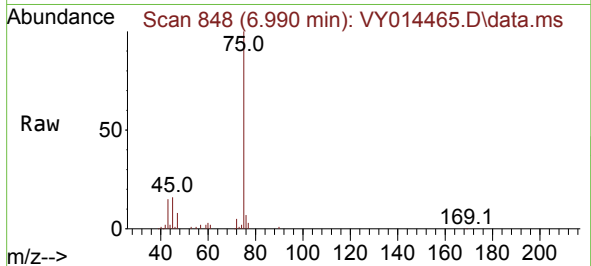




#37
Ethyl Acetate
Concen: 4.403 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.085 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

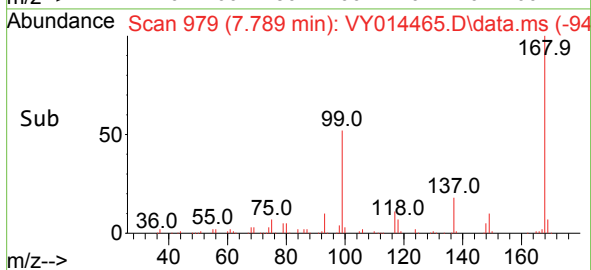
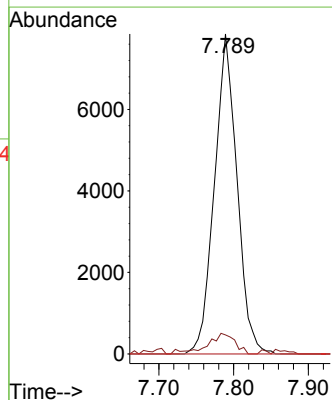
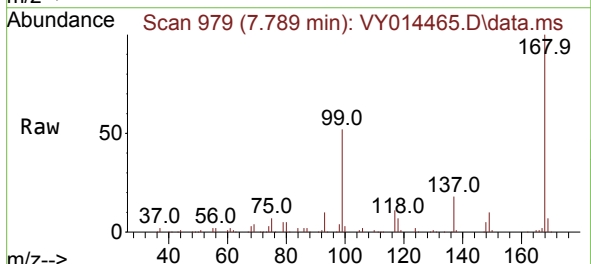
Instrument :
MSVOA_Y
ClientSampleId :
O3375-04MS

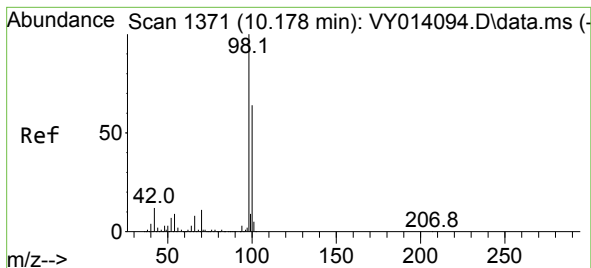
Tgt Ion: 43 Resp: 7498
Ion Ratio Lower Upper
43 100
61 23.5 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.298 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

Tgt Ion: 117 Resp: 16475
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#

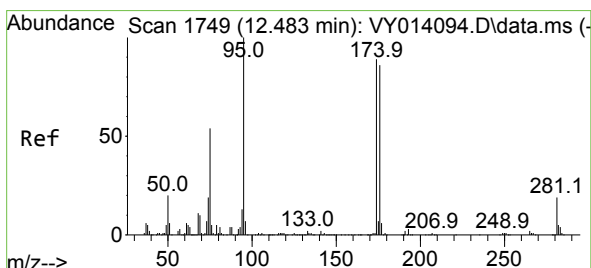
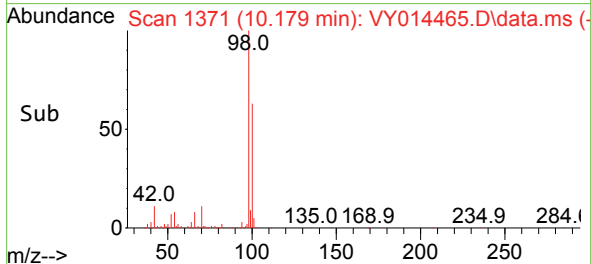
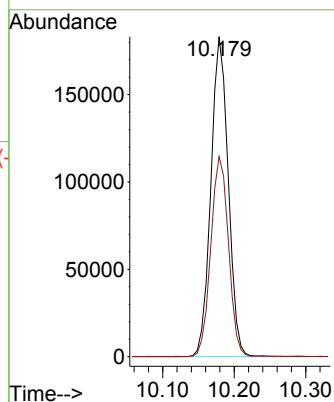
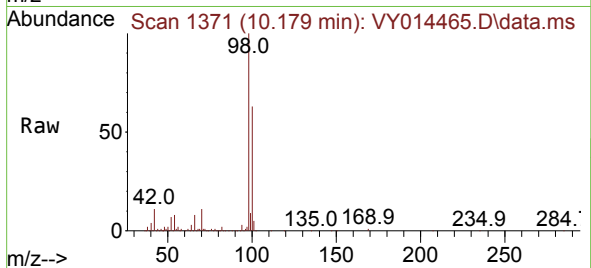




#50
Toluene-d8
Concen: 48.363 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

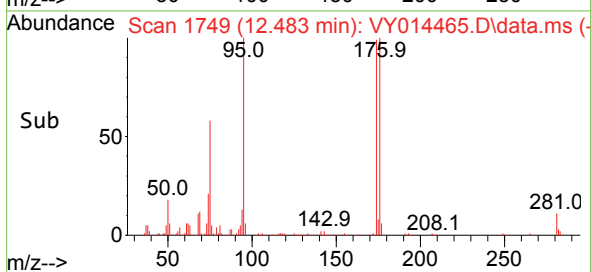
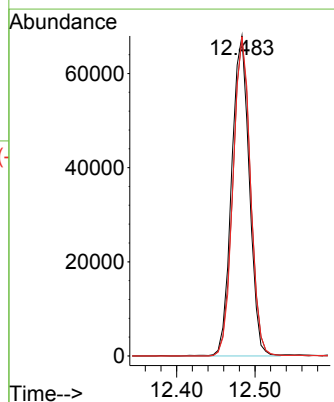
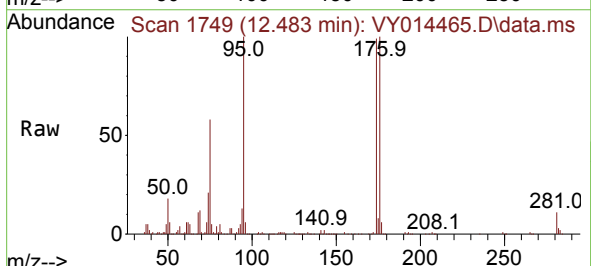
Instrument :
MSVOA_Y
ClientSampleId :
O3375-04MS

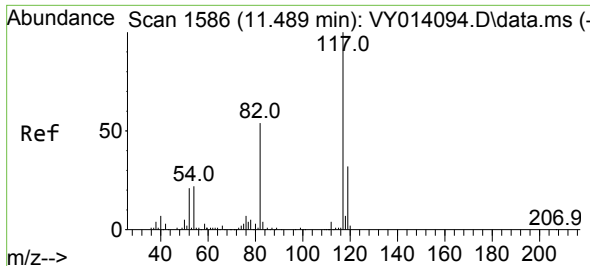
Tgt Ion: 98 Resp: 308293
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.736 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

Tgt Ion: 95 Resp: 106360
Ion Ratio Lower Upper
95 100
174 98.5 0.0 178.2
176 98.0 0.0 173.8

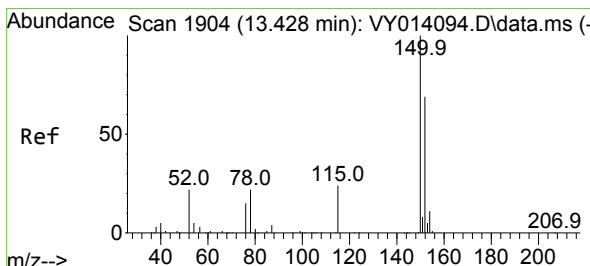
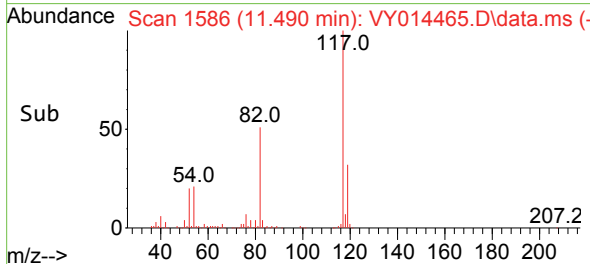
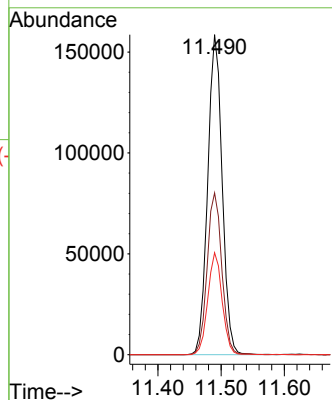
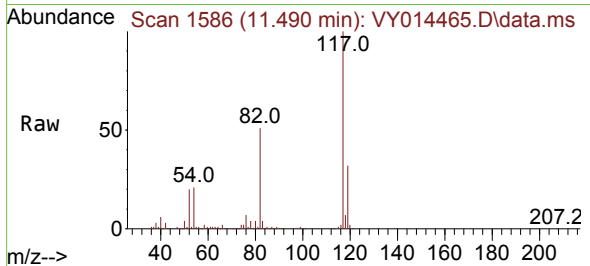




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

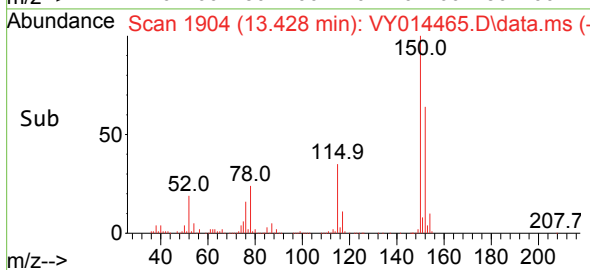
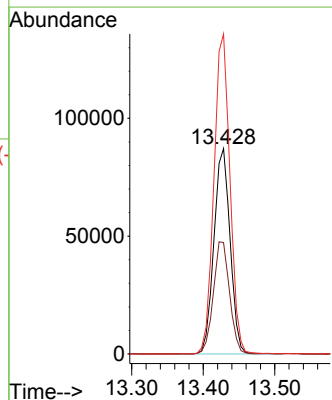
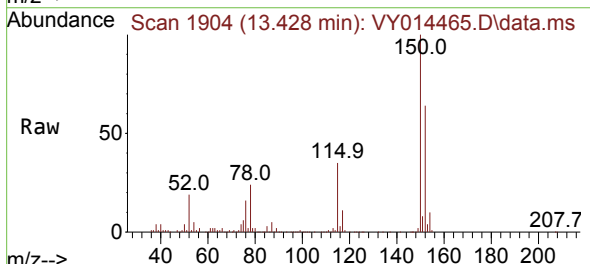
Instrument :
MSVOA_Y
ClientSampleId :
O3375-04MS

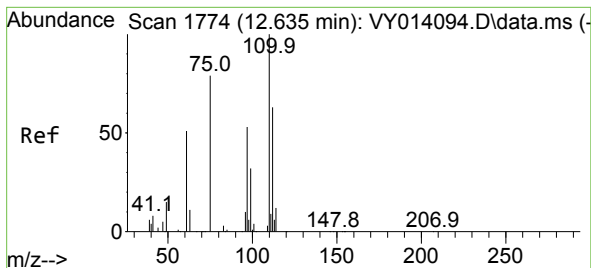
Tgt Ion:117 Resp: 252486
Ion Ratio Lower Upper
117 100
82 50.6 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

Tgt Ion:152 Resp: 136821
Ion Ratio Lower Upper
152 100
115 54.9 28.8 86.5
150 154.6 0.0 348.8

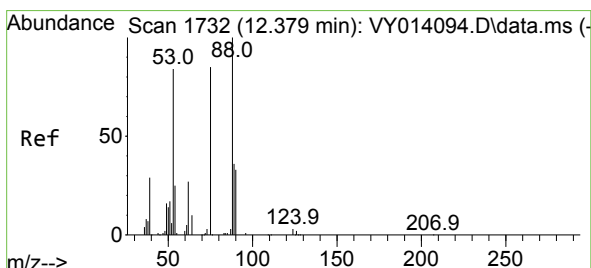
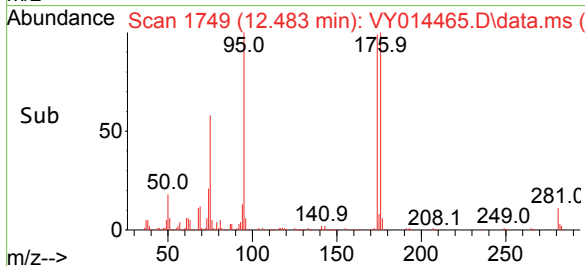
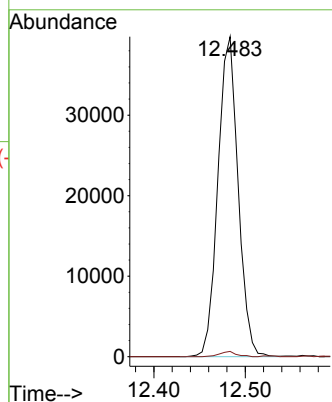
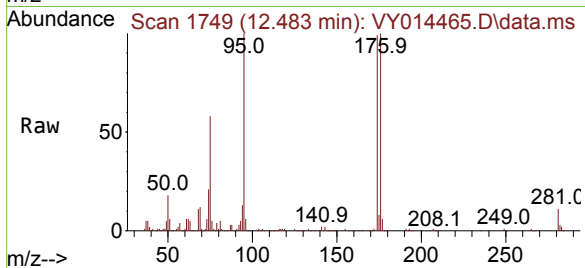




#76
1,2,3-Trichloropropane
Concen: 35.566 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

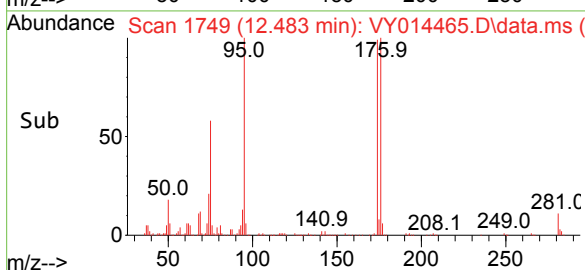
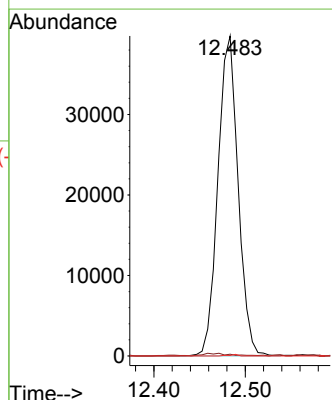
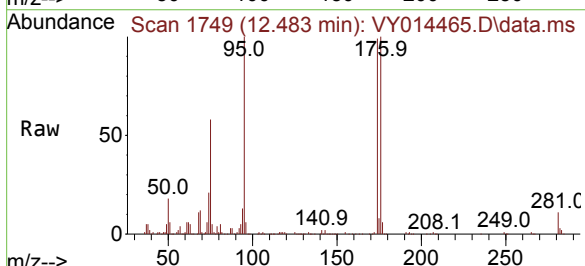
Instrument :
MSVOA_Y
ClientSampleId :
O3375-04MS

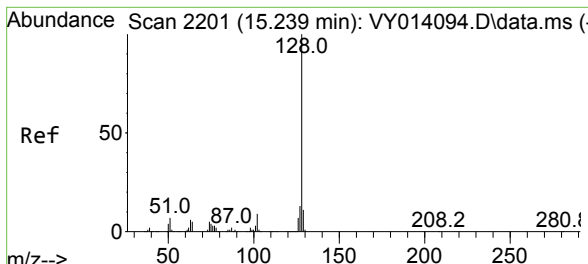
Tgt Ion: 75 Resp: 61043
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014465.D
Acq: 27 Jun 2023 17:56

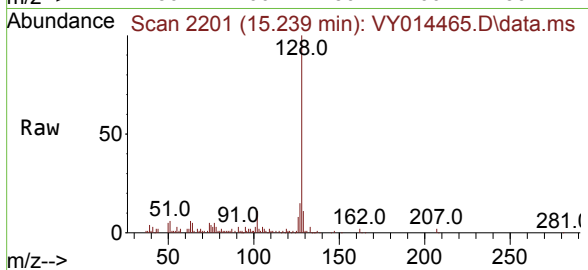
Tgt Ion: 75 Resp: 61043
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#





#95
 Naphthalene
 Concen: 7.610 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY014465.D
 Acq: 27 Jun 2023 17:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 O3375-04MS



Tgt Ion:	128	Resp:	44836
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.8	16.2
129	11.6	8.6	13.0

