

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014083.D
 Acq On : 08 Jun 2023 19:12
 Operator : KP/MD
 Sample : 03072-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 30100

Quant Time: Jun 09 04:24:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

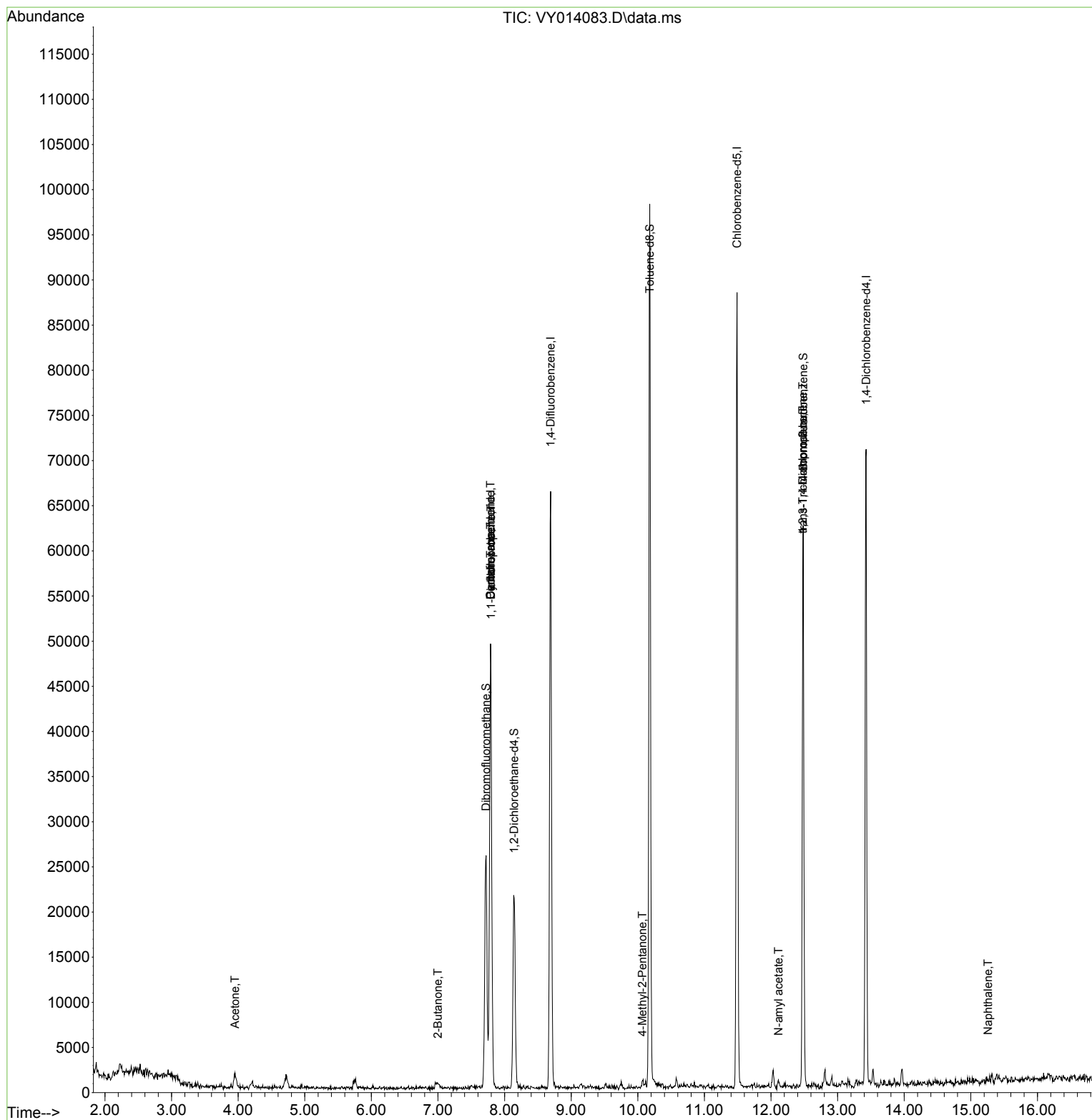
Internal Standards						
1) Pentafluorobenzene	7.789	168	37304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	55127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	47310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18577	37.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.240%
35) Dibromofluoromethane	7.722	113	18336	52.338	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.680%
50) Toluene-d8	10.179	98	65136	48.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.483	95	17737	38.932	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.860%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	2651	15.691	ug/l #	85
20) Methylene Chloride	4.728	84	1150	Below Cal	#	71
25) 2-Butanone	6.996	43	431	2.048	ug/l #	49
31) Cyclohexane	7.789	56	838	1.409	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	2764	5.538	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3758	6.719	ug/l #	15
51) 4-Methyl-2-Pentanone	10.069	43	962	2.324	ug/l #	72
74) N-amyl acetate	12.111	43	591	1.252	ug/l #	46
76) 1,2,3-Trichloropropane	12.477	75	8959	35.716	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8959	75.773	ug/l #	10
95) Naphthalene	15.257	128	226	4.120	ug/l #	69

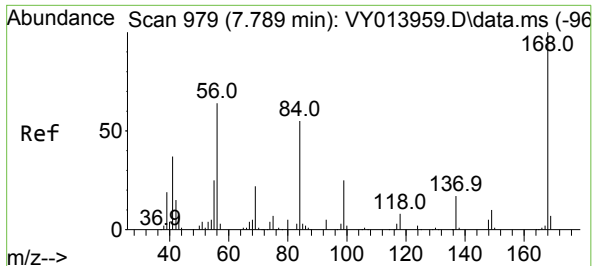
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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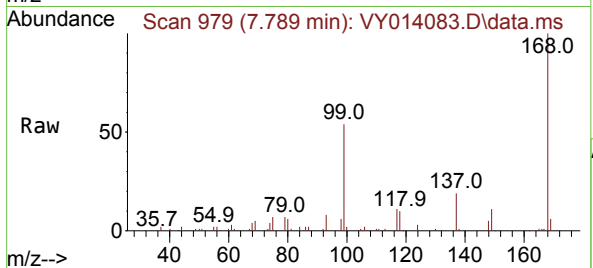
Quant Time: Jun 09 04:24:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration



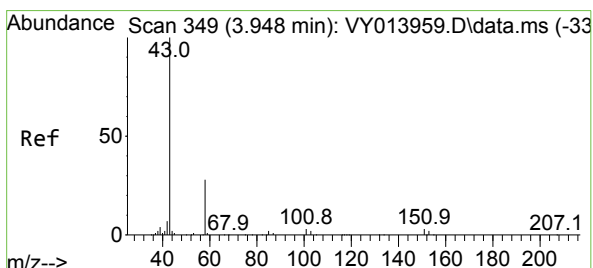
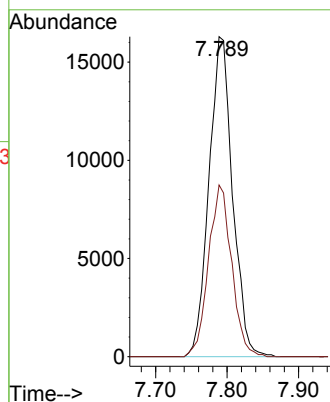
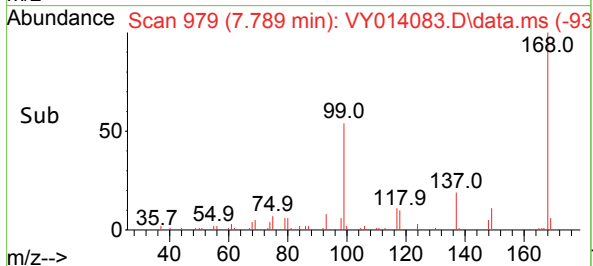


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
30100

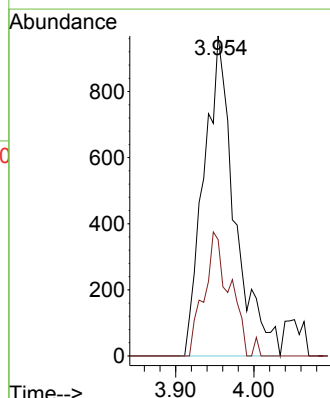
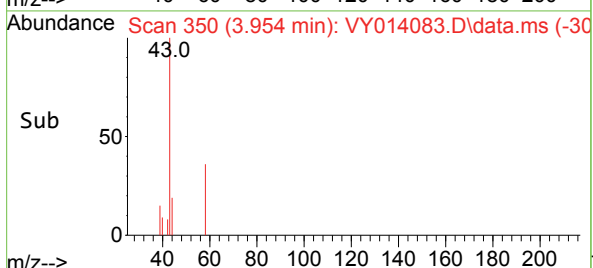
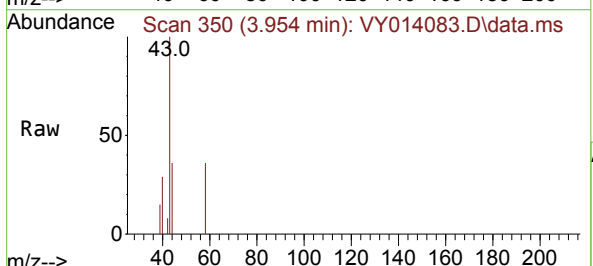


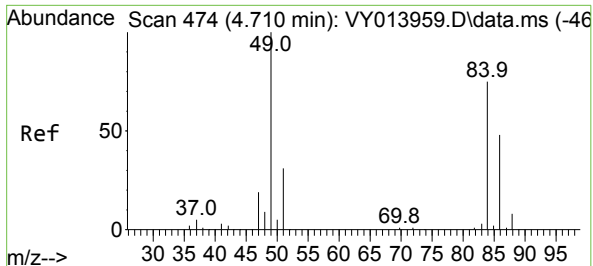
Tgt Ion:168 Resp: 37304
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 15.691 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 36.4 22.7 34.1#

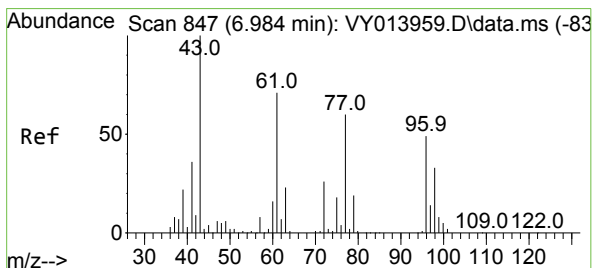
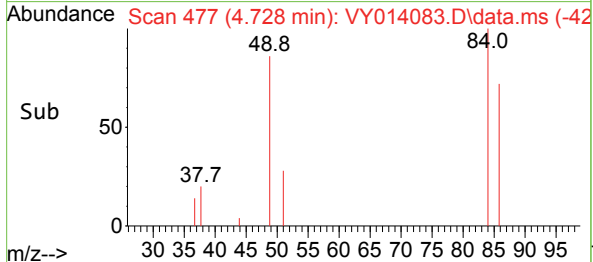
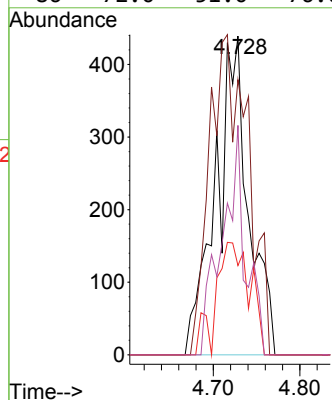
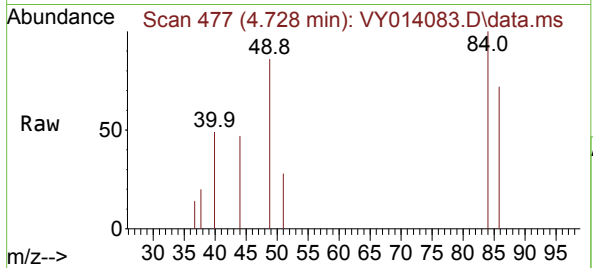




#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

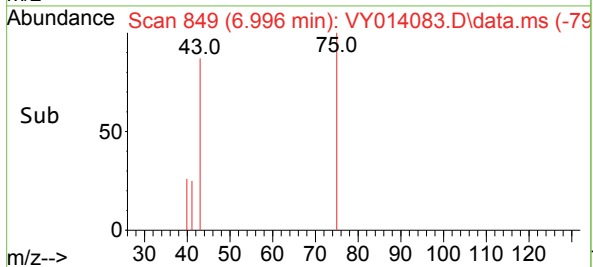
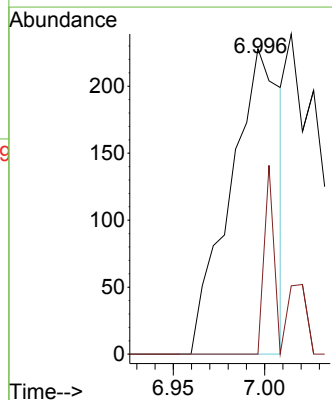
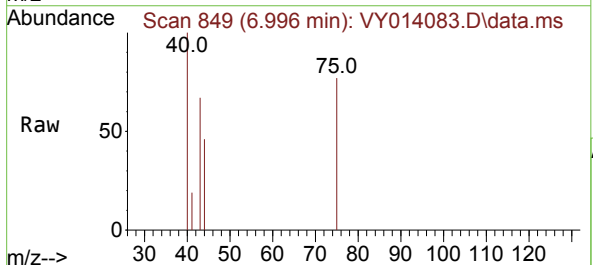
Instrument :
MSVOA_Y
ClientSampleId :
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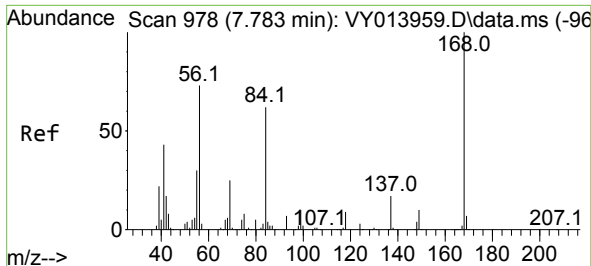
Tgt Ion: 84 Resp: 1150
Ion Ratio Lower Upper
84 100
49 86.3 106.9 160.3#
51 28.0 33.2 49.8#
86 72.0 51.0 76.6



#25
2-Butanone
Concen: 2.048 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

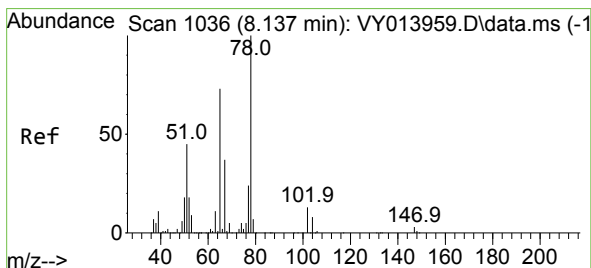
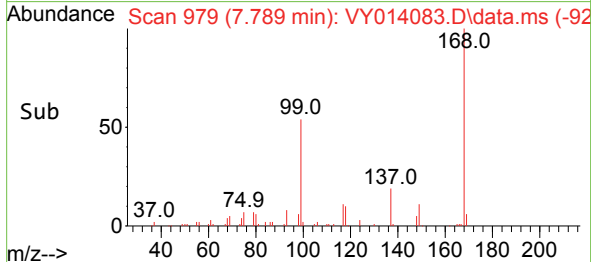
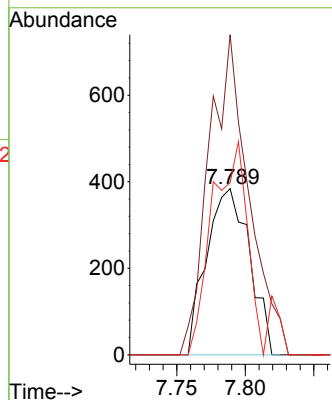
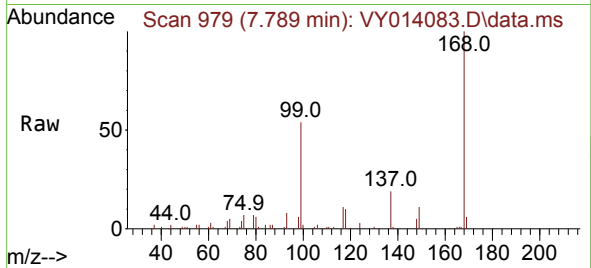




#31
Cyclohexane
Concen: 1.409 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

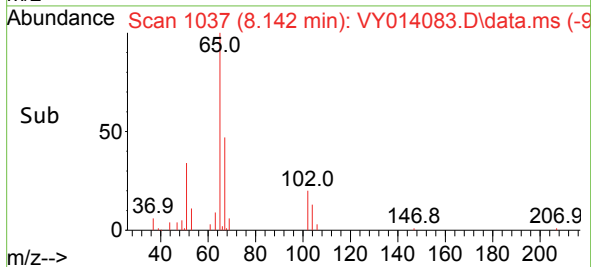
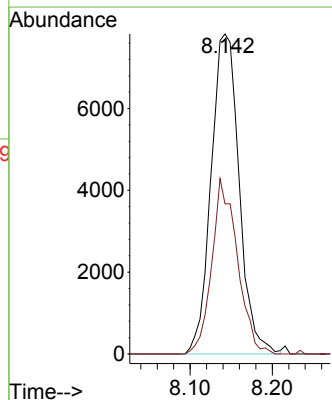
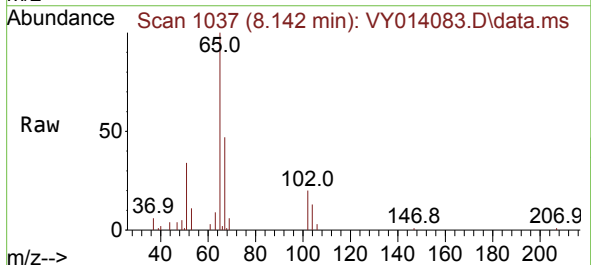
Instrument :
MSVOA_Y
ClientSampleId :
30100

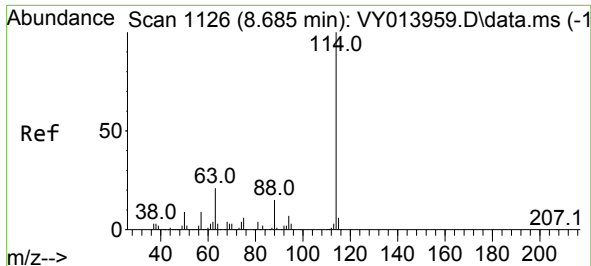
Tgt Ion: 56 Resp: 838
Ion Ratio Lower Upper
56 100
69 192.7 27.8 41.6#
84 103.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 37.619 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Tgt Ion: 65 Resp: 18577
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014083.D

Acq: 08 Jun 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

30100

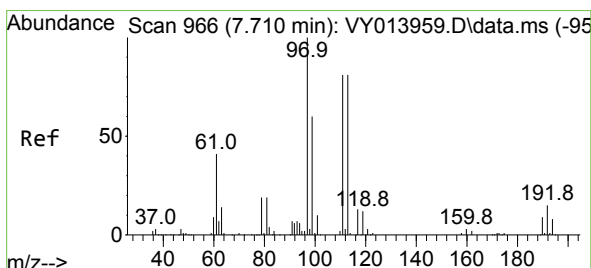
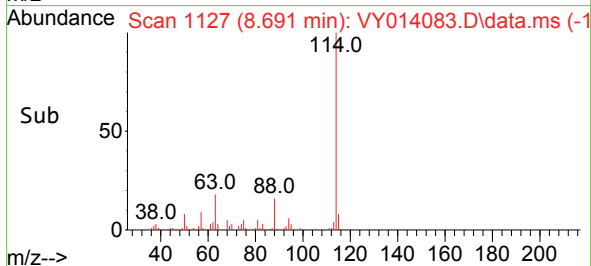
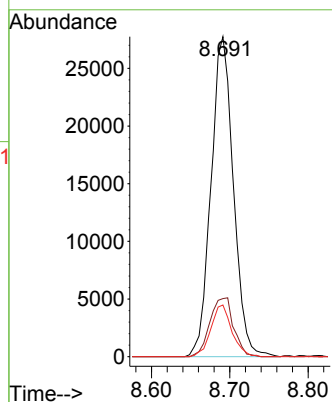
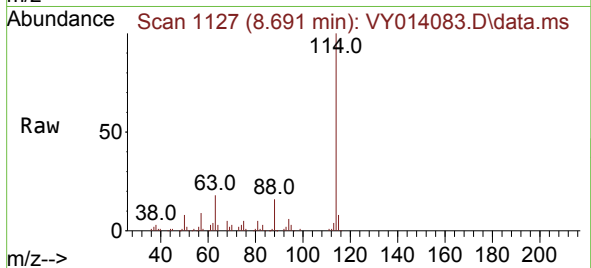
Tgt Ion:114 Resp: 55127

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.338 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014083.D

Acq: 08 Jun 2023 19:12

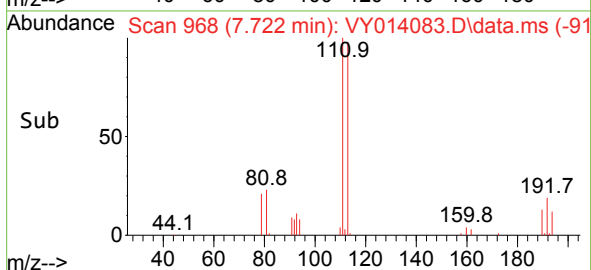
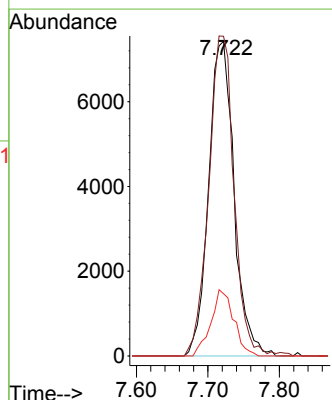
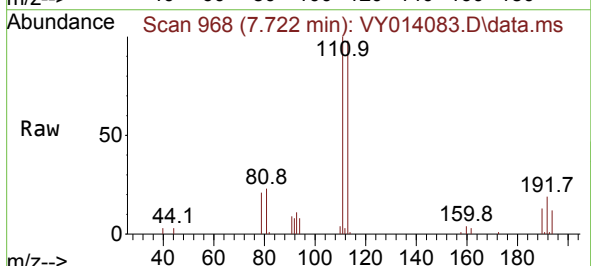
Tgt Ion:113 Resp: 18336

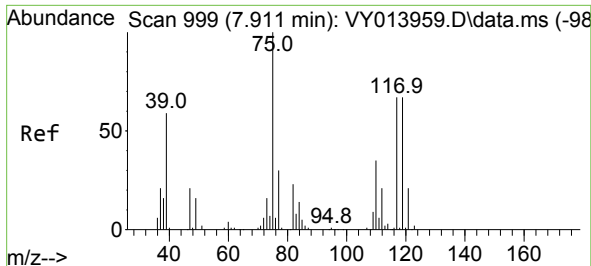
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 18.9 16.9 25.3

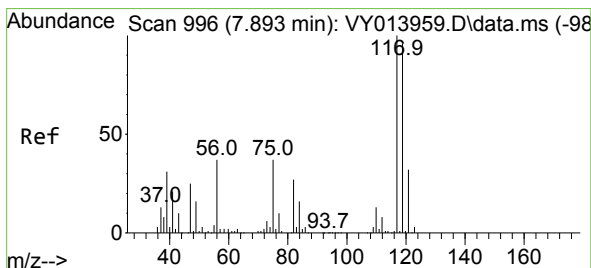
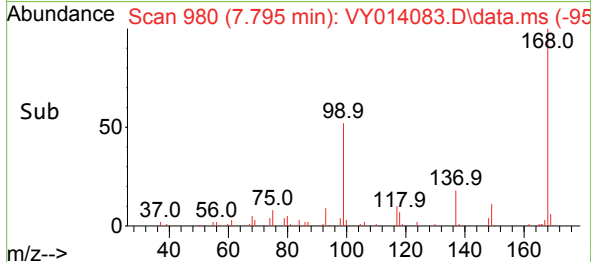
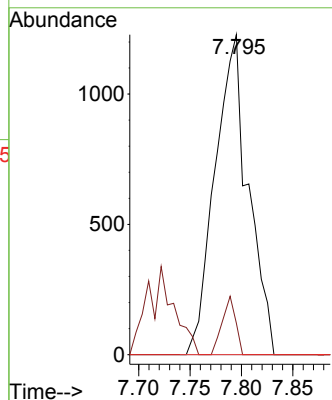
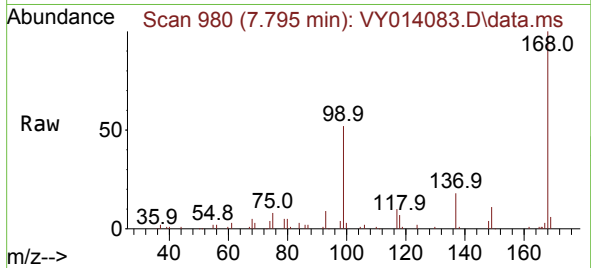




#36
1,1-Dichloropropene
Concen: 5.538 ug/l
RT: 7.795 min Scan# 910
Delta R.T. -0.116 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

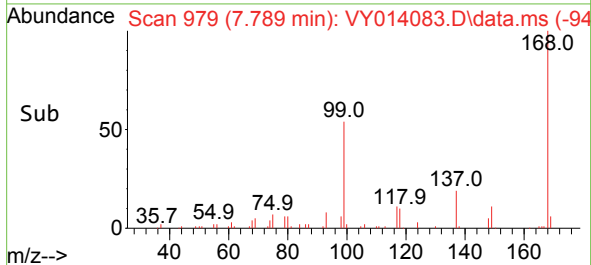
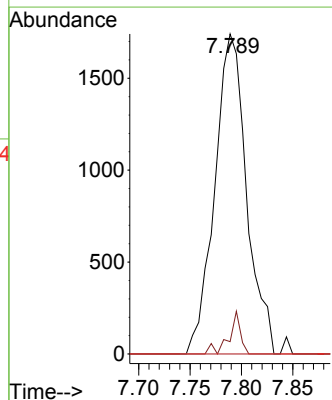
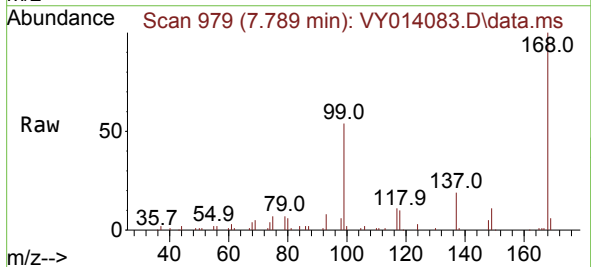
Instrument :
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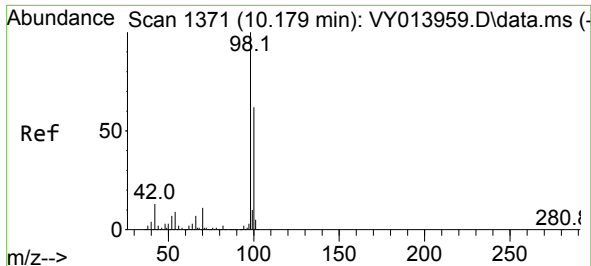
Tgt Ion: 75 Resp: 2764
Ion Ratio Lower Upper
75 100
110 7.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.719 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Tgt Ion: 117 Resp: 3758
Ion Ratio Lower Upper
117 100
119 3.8 76.4 114.6#
121 0.0 25.8 38.6#

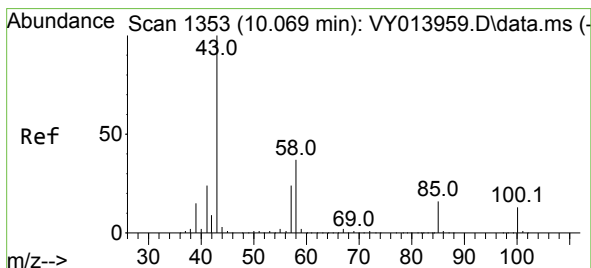
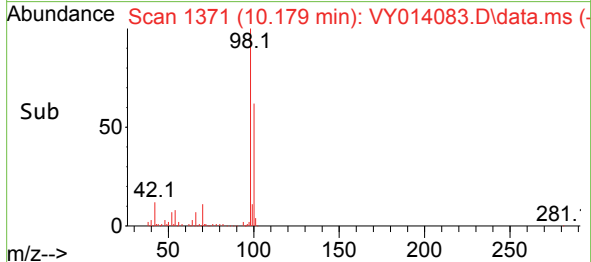
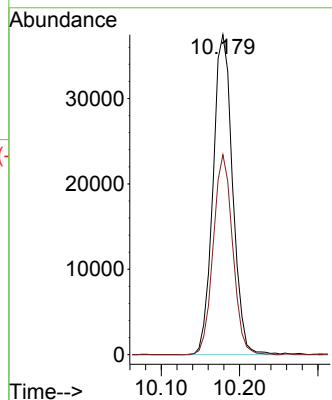
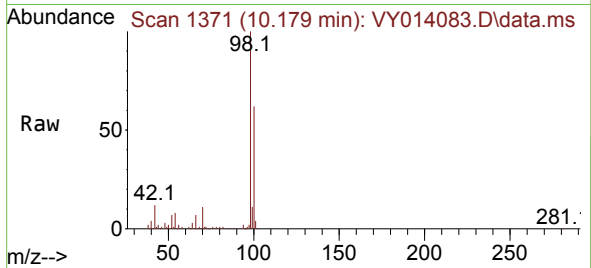




#50
Toluene-d8
Concen: 48.742 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

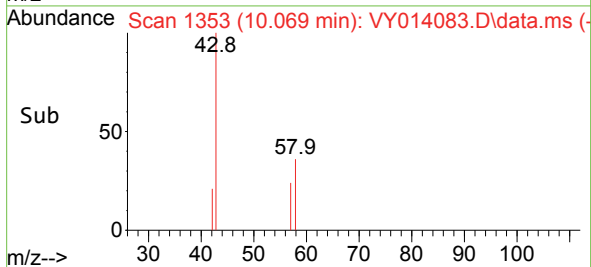
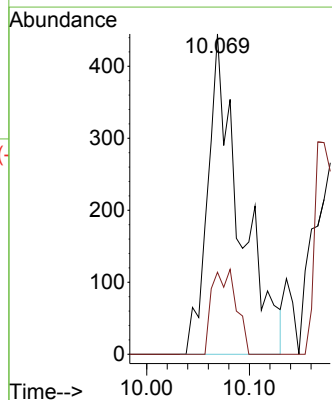
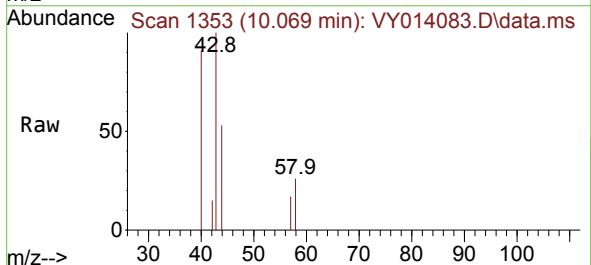
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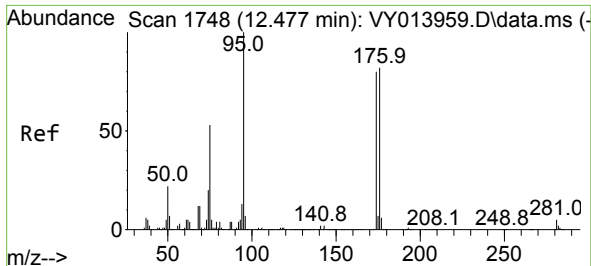
Tgt Ion: 98 Resp: 65136
Ion Ratio Lower Upper
98 100
100 61.9 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 2.324 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
58 20.1 29.0 43.6#

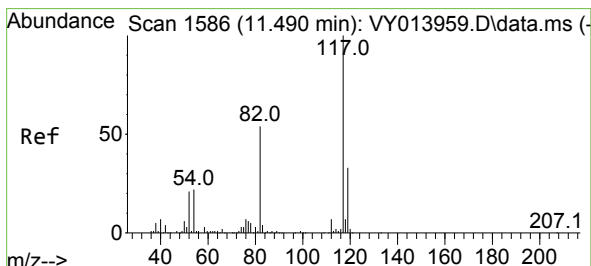
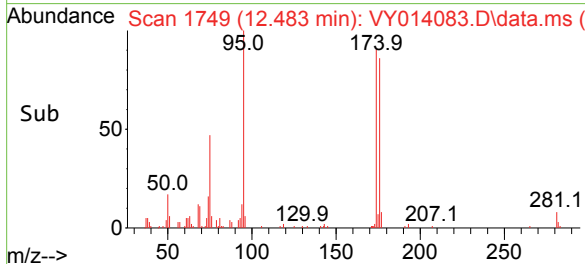
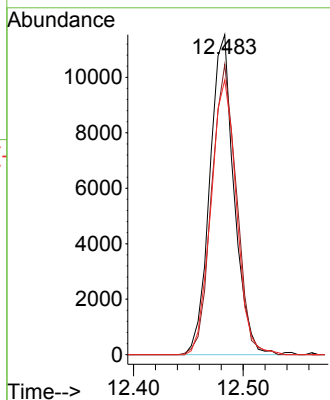
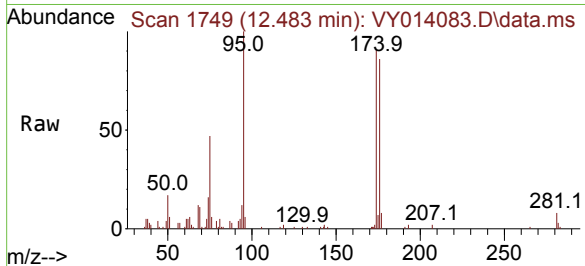




#62
4-Bromofluorobenzene
Concen: 38.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

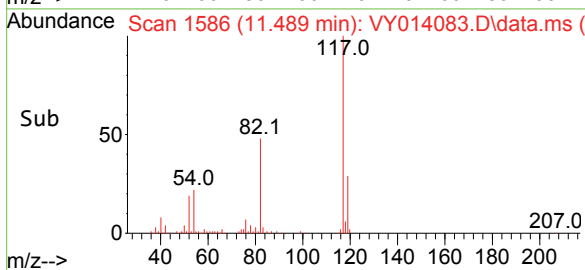
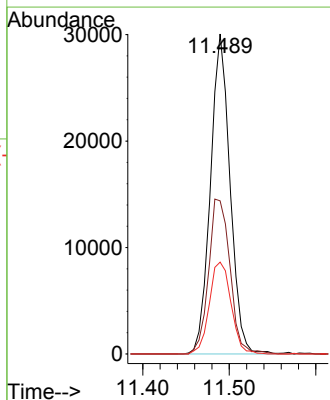
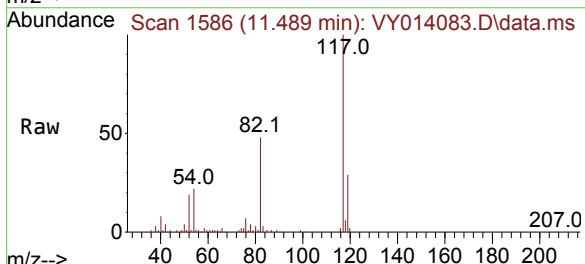
Instrument :
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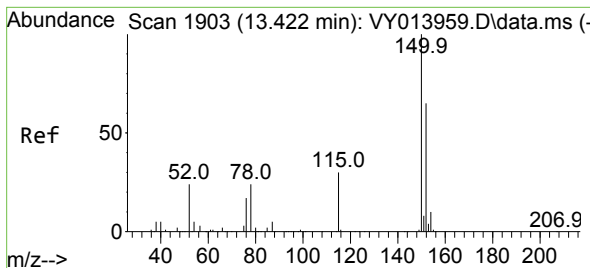
Tgt Ion: 95 Resp: 17737
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.2
176 90.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Tgt Ion: 117 Resp: 47310
Ion Ratio Lower Upper
117 100
82 47.9 43.4 65.0
119 28.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY014083.D

Acq: 08 Jun 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

30100

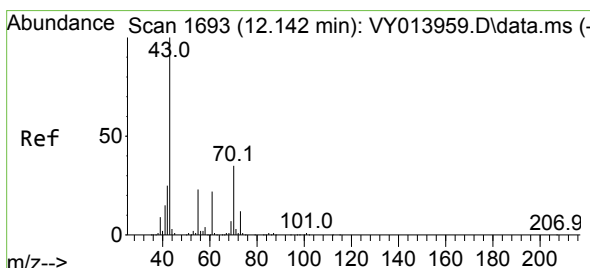
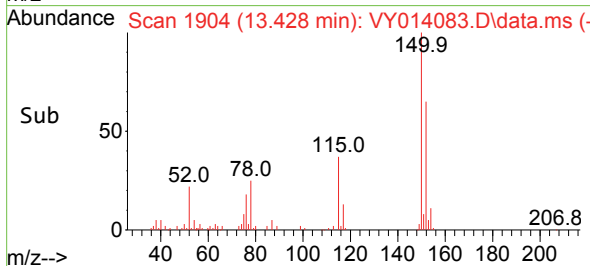
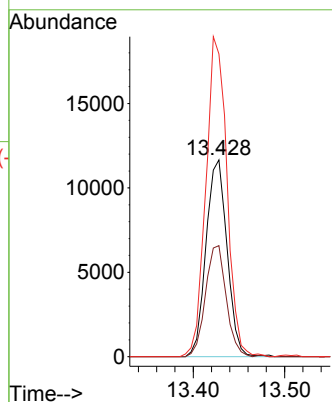
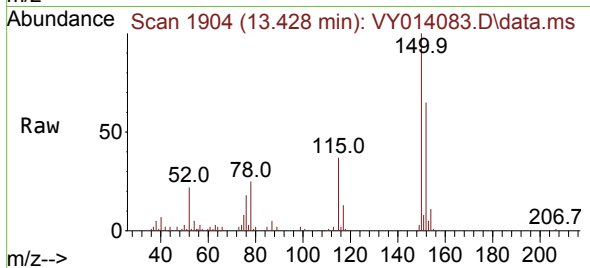
Tgt Ion:152 Resp: 18640

Ion Ratio Lower Upper

152 100

115 55.6 28.8 86.5

150 162.1 0.0 348.8



#74

N-ethyl acetate

Concen: 1.252 ug/l

RT: 12.111 min Scan# 1688

Delta R.T. -0.031 min

Lab File: VY014083.D

Acq: 08 Jun 2023 19:12

Tgt Ion: 43 Resp: 591

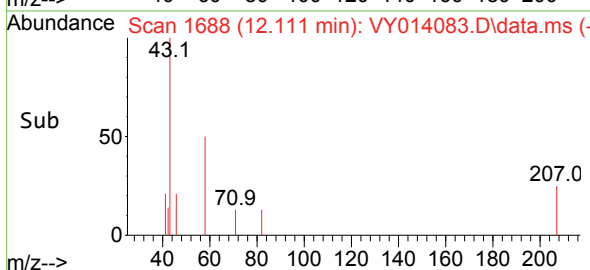
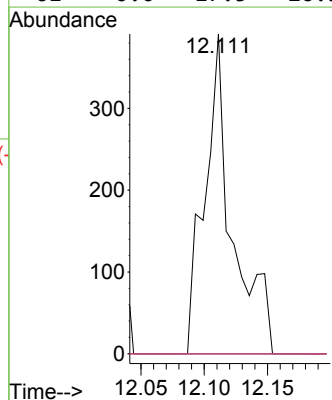
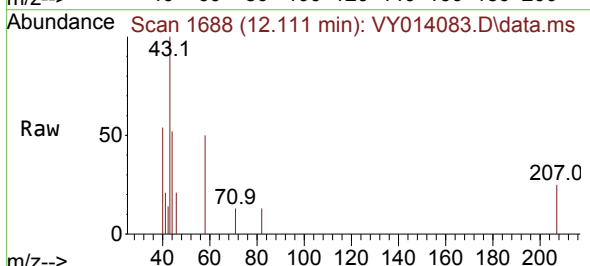
Ion Ratio Lower Upper

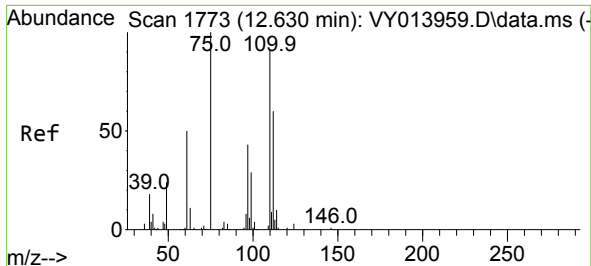
43 100

70 0.0 29.7 44.5#

55 0.0 18.3 27.5#

61 0.0 17.5 26.3#

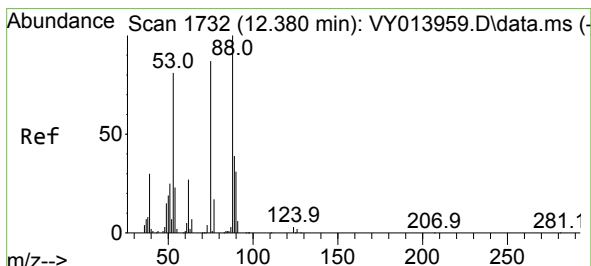
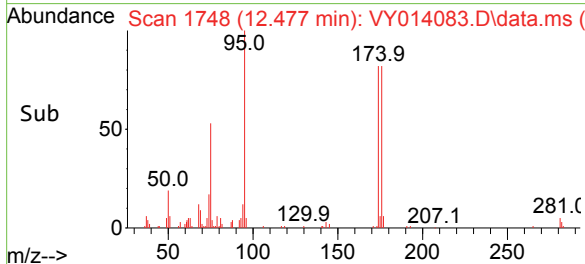
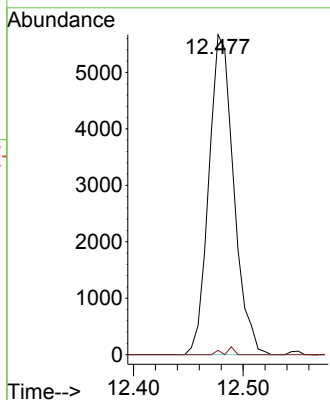
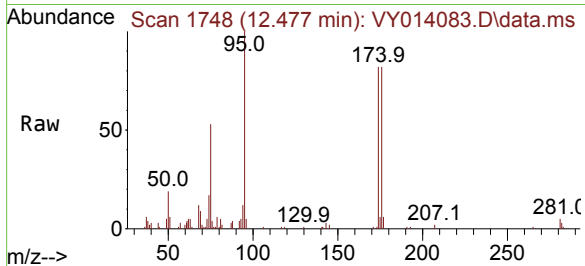




#76
1,2,3-Trichloropropane
Concen: 35.716 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

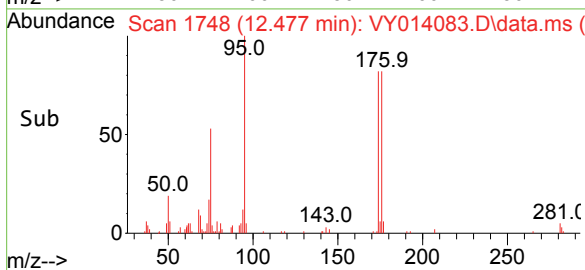
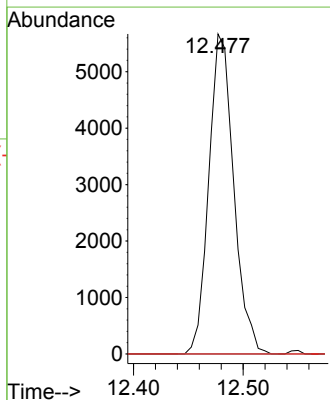
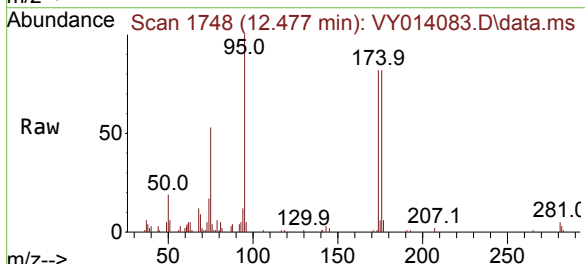
Instrument :
MSVOA_Y
ClientSampleId :
30100

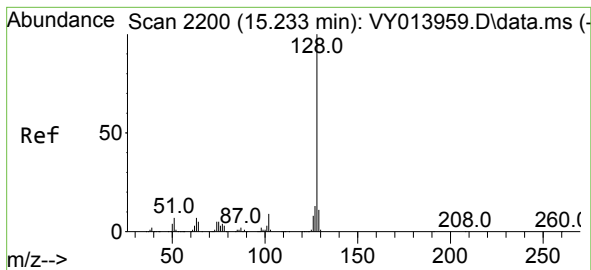
Tgt Ion: 75 Resp: 8959
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.773 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

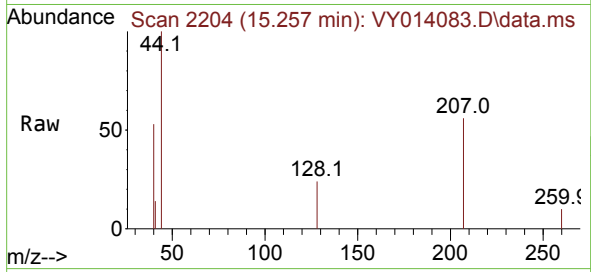
Tgt Ion: 75 Resp: 8959
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 4.120 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.024 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
30100



Tgt Ion:128 Resp: 226
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

