

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015903.D
 Acq On : 10 Oct 2023 17:39
 Operator : SY/MD
 Sample : 04817-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:22:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

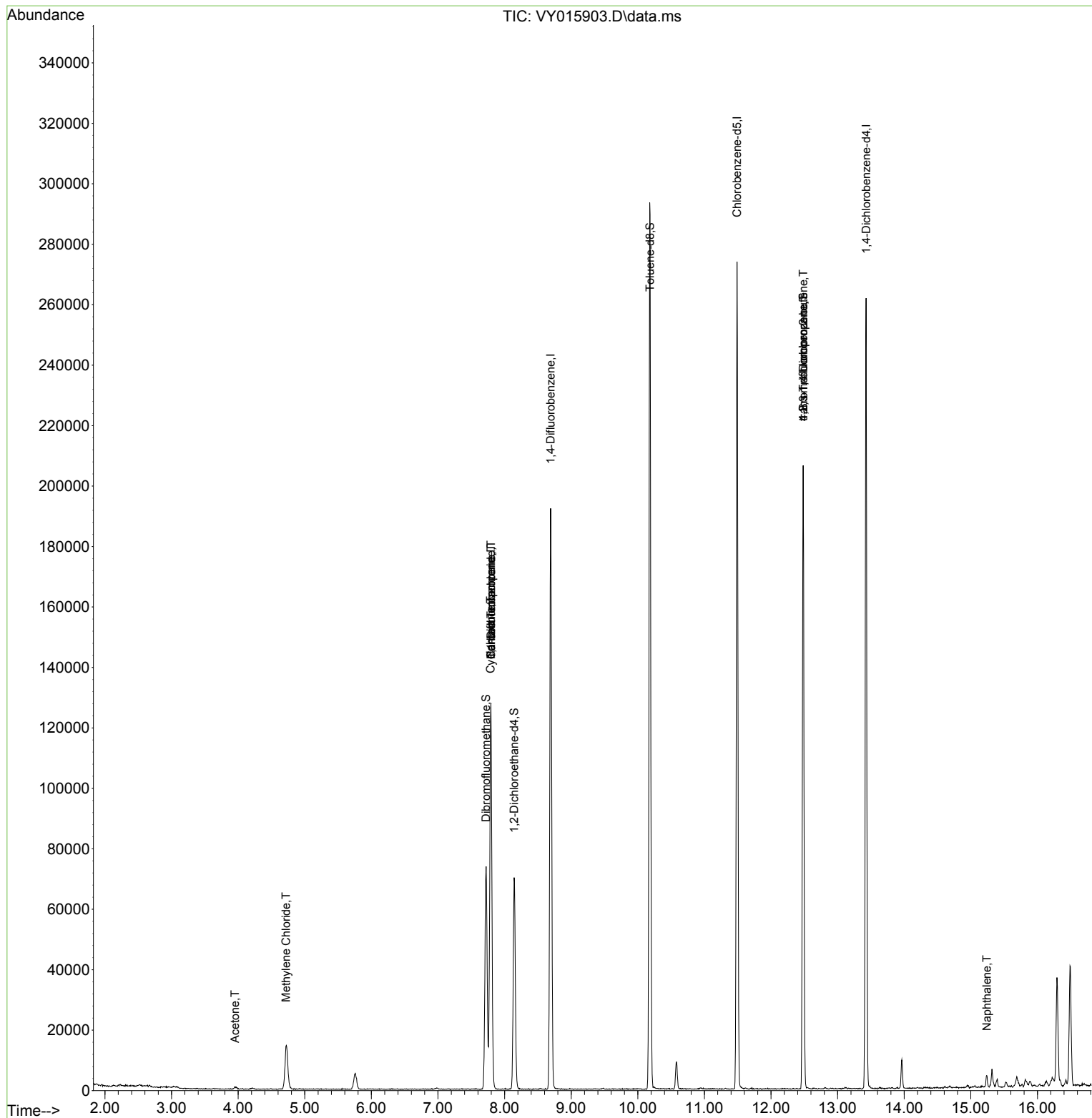
Internal Standards						
1) Pentafluorobenzene	7.795	168	99896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	167539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54491	60.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.240%	
35) Dibromofluoromethane	7.722	113	53976	57.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.520%	
50) Toluene-d8	10.185	98	196902	63.933	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.860%	
62) 4-Bromofluorobenzene	12.483	95	62199	49.722	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1137	8.659	ug/l #	80
20) Methylene Chloride	4.716	84	11224	3.165	ug/l	85
31) Cyclohexane	7.789	56	1869	1.941	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7286	7.040	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9820	7.901	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	31898	39.714	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31898	88.066	ug/l #	10
95) Naphthalene	15.239	128	3655	1.238	ug/l	98

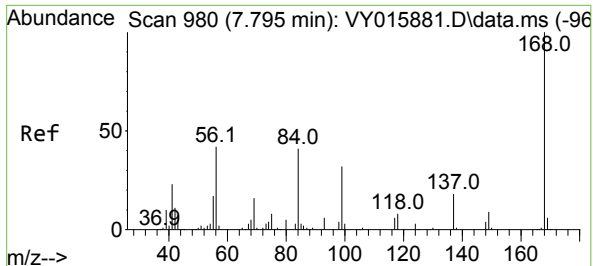
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015903.D
Acq On : 10 Oct 2023 17:39
Operator : SY/MD
Sample : 04817-04
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

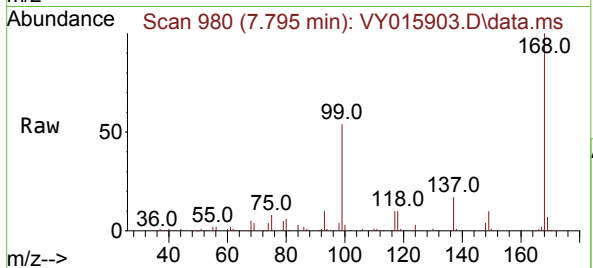
Quant Time: Oct 11 01:22:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
Response via : Initial Calibration



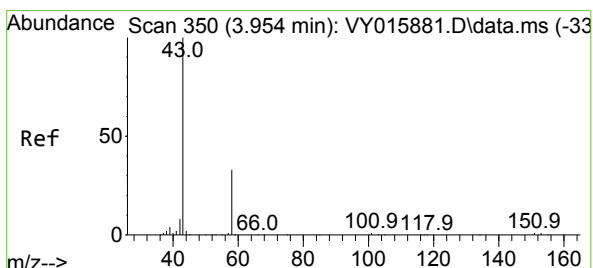
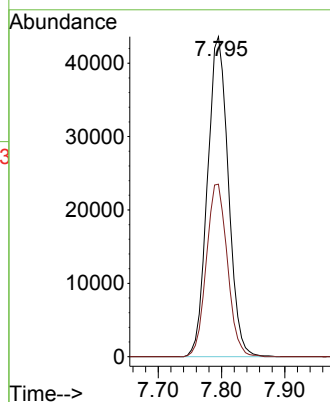
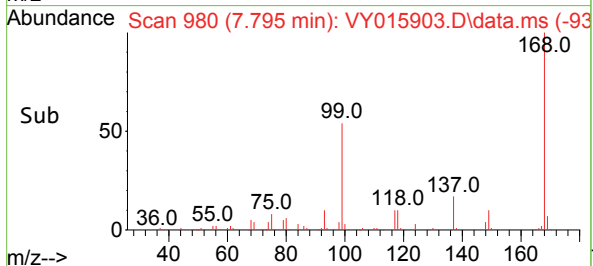


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015903.D
Acq: 10 Oct 2023 17:39

Instrument :
MSVOA_Y
ClientSampleId :

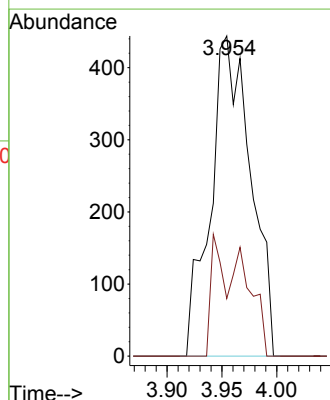
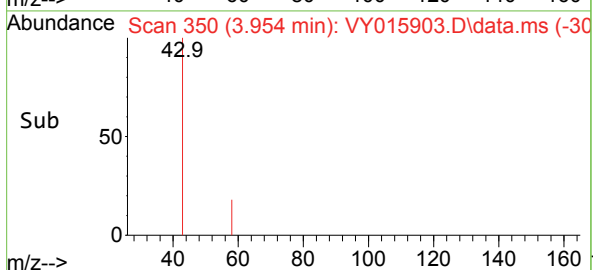
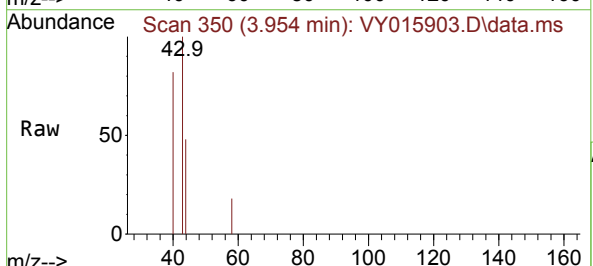


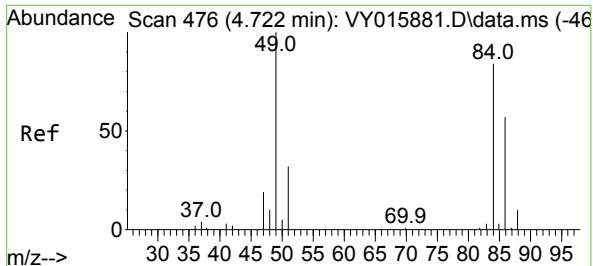
Tgt Ion:168 Resp: 99896
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 8.659 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY015903.D
Acq: 10 Oct 2023 17:39

Tgt Ion: 43 Resp: 1137
Ion Ratio Lower Upper
43 100
58 18.0 22.7 34.1#





#20

Methylene Chloride

Concen: 3.165 ug/l

RT: 4.716 min Scan# 41

Delta R.T. -0.006 min

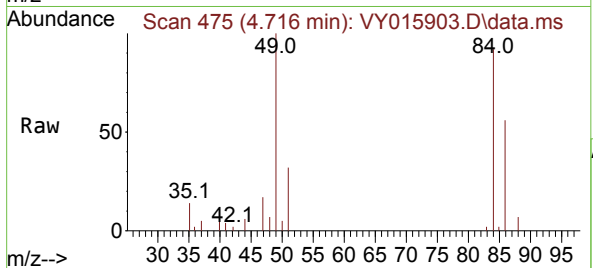
Lab File: VY015903.D

Acq: 10 Oct 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 11224

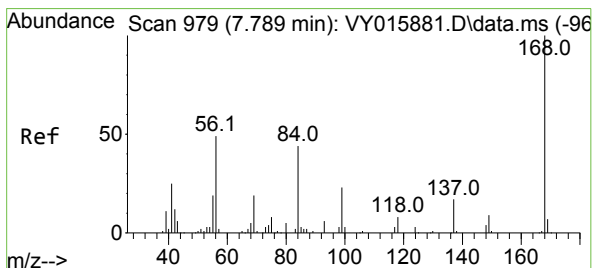
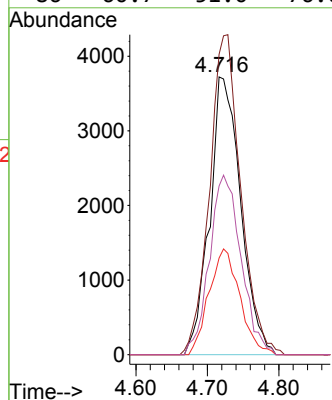
Ion Ratio Lower Upper

84 100

49 108.1 106.9 160.3

51 34.8 33.2 49.8

86 60.7 51.0 76.6



#31

Cyclohexane

Concen: 1.941 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY015903.D

Acq: 10 Oct 2023 17:39

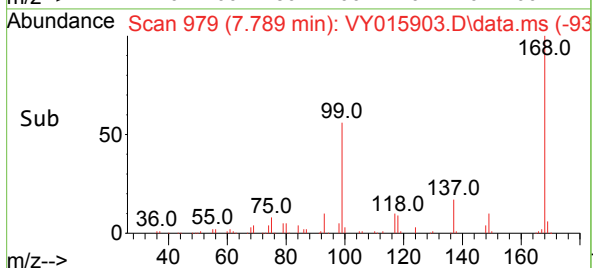
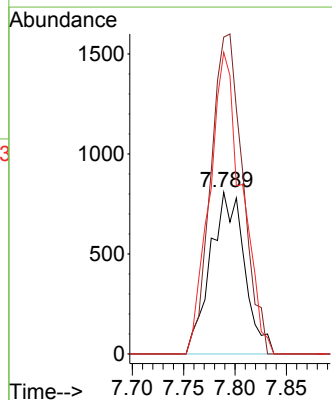
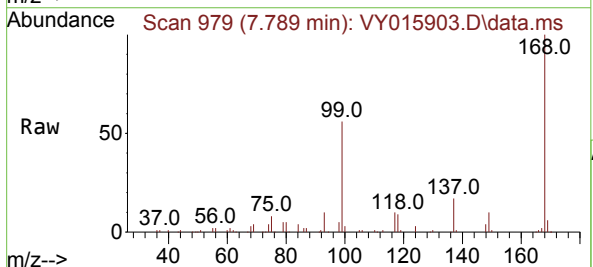
Tgt Ion: 56 Resp: 1869

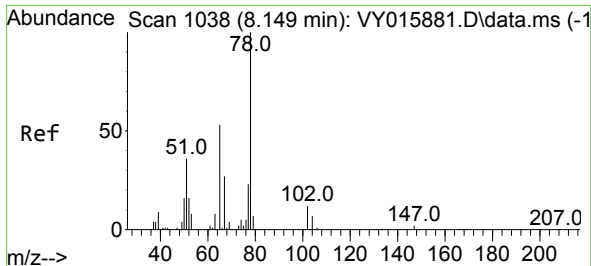
Ion Ratio Lower Upper

56 100

69 195.8 27.8 41.6#

84 186.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.622 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015903.D

Acq: 10 Oct 2023 17:39

Instrument :

MSVOA_Y

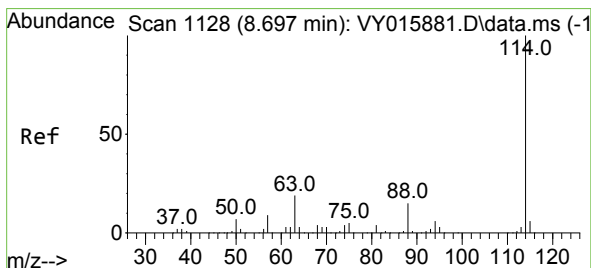
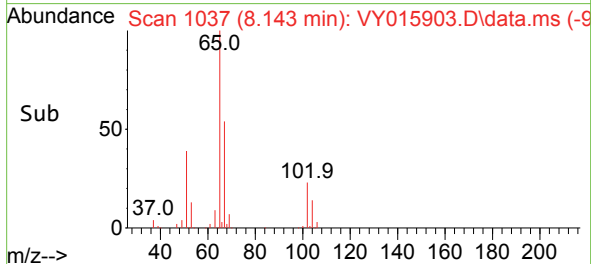
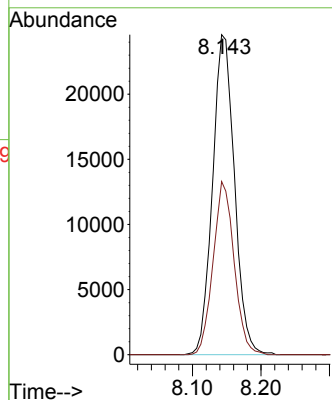
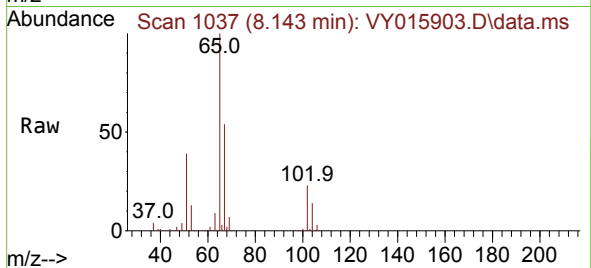
ClientSampleId :

Tgt Ion: 65 Resp: 54491

Ion Ratio Lower Upper

65 100

67 52.0 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: VY015903.D

Acq: 10 Oct 2023 17:39

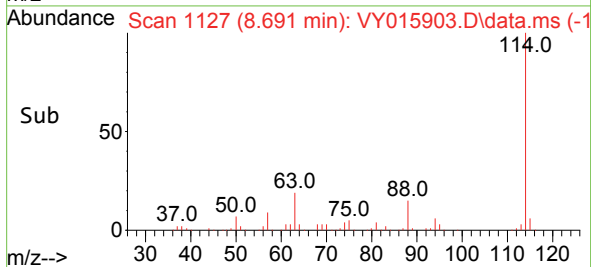
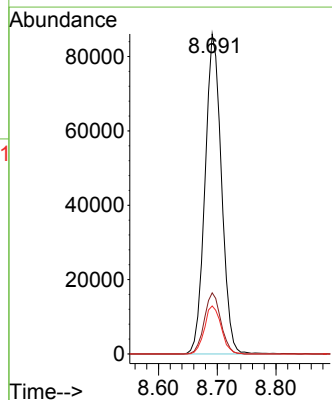
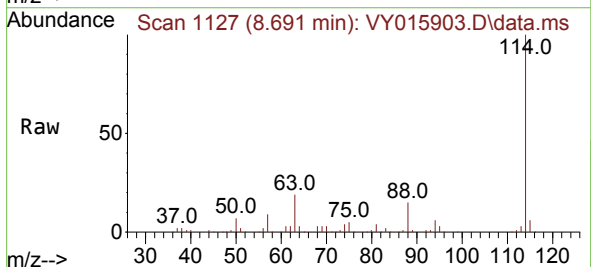
Tgt Ion: 114 Resp: 167539

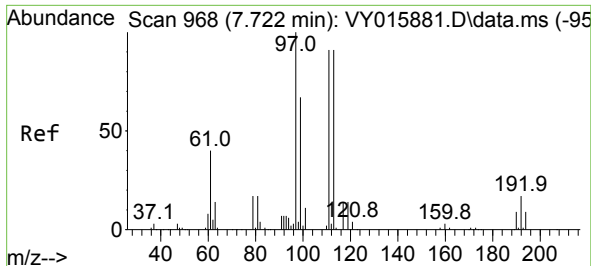
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.0 0.0 30.6

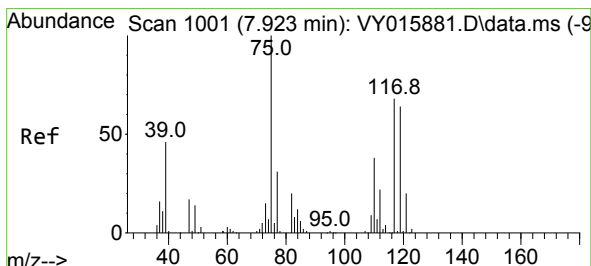
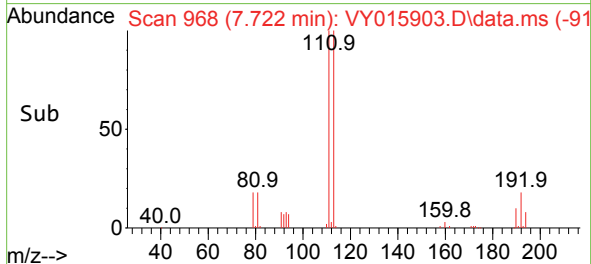
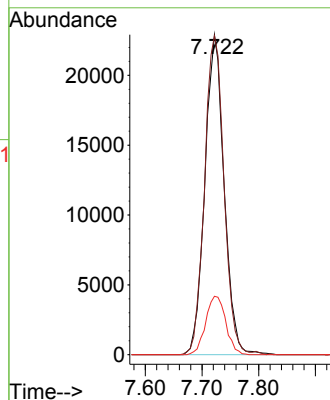
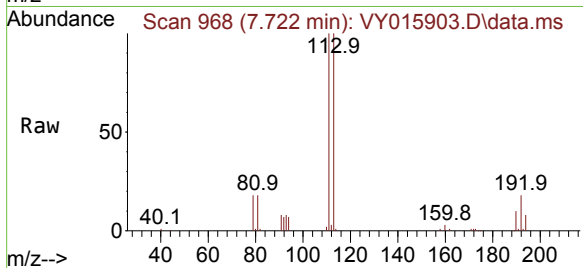




#35
Dibromofluoromethane
Concen: 57.760 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015903.D
Acq: 10 Oct 2023 17:39

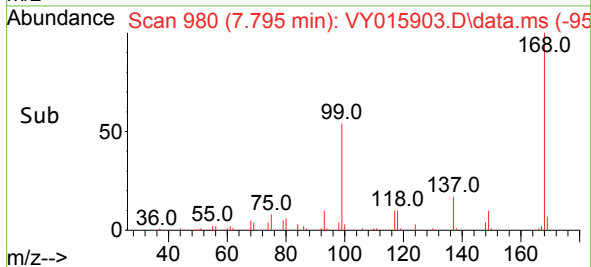
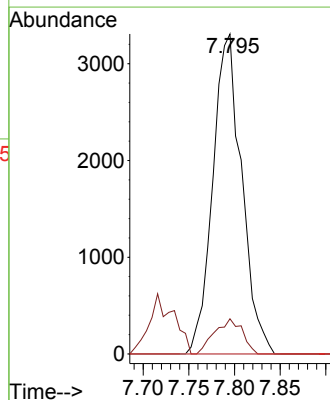
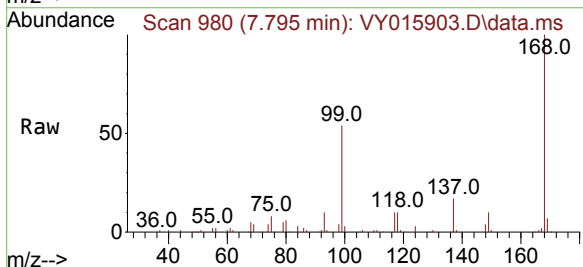
Instrument :
MSVOA_Y
ClientSampleId :

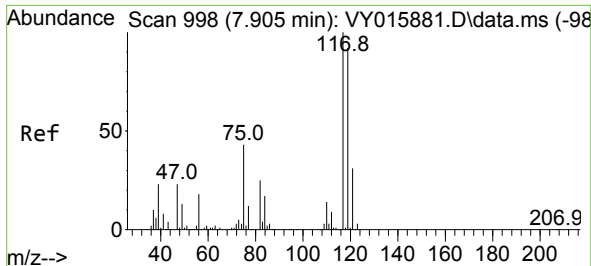
Tgt Ion:113 Resp: 53976
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.040 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY015903.D
Acq: 10 Oct 2023 17:39

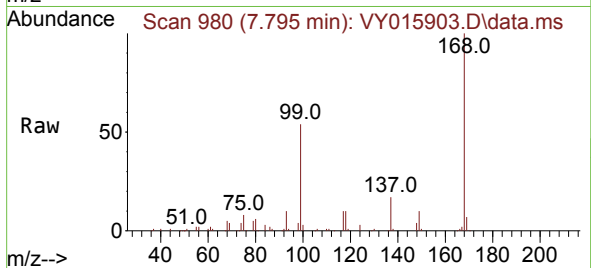
Tgt Ion: 75 Resp: 7286
Ion Ratio Lower Upper
75 100
110 10.5 17.8 53.5#
77 0.0 24.4 36.6#



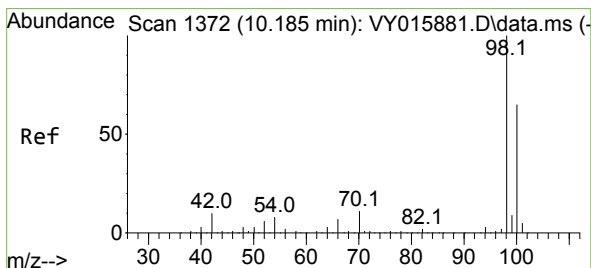
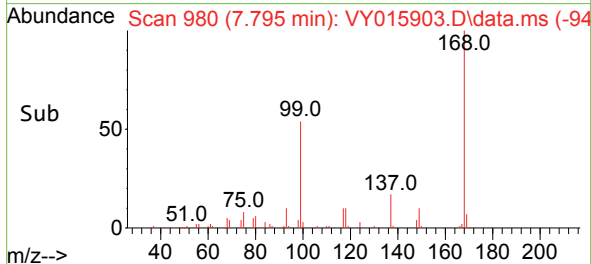
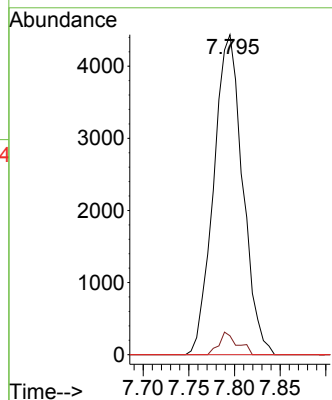


#38
Carbon Tetrachloride
Concen: 7.901 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015903.D
Acq: 10 Oct 2023 17:39

Instrument :
MSVOA_Y
ClientSampleId :

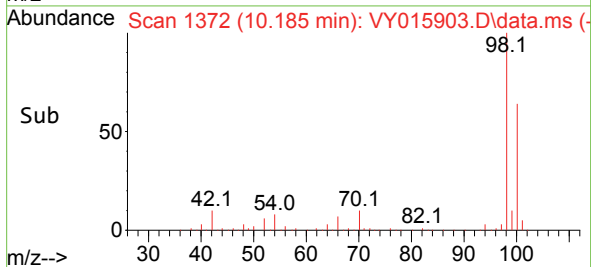
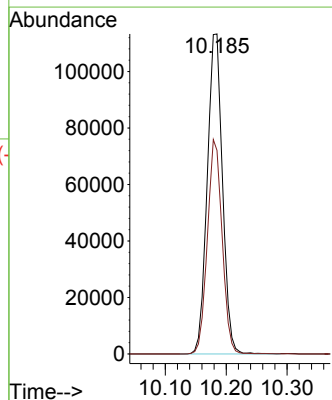
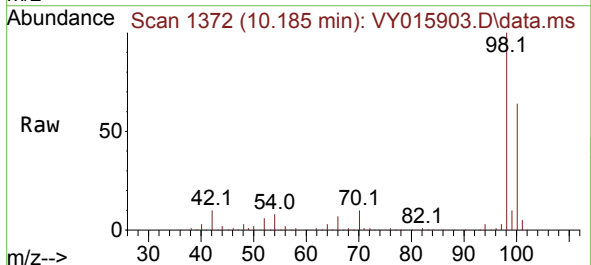


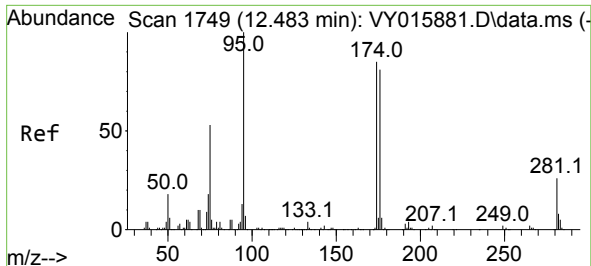
Tgt Ion:117 Resp: 9820
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 63.933 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015903.D
Acq: 10 Oct 2023 17:39

Tgt Ion: 98 Resp: 196902
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

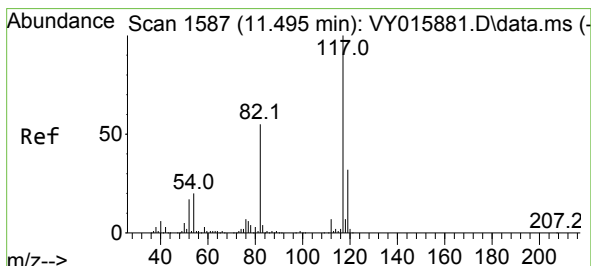
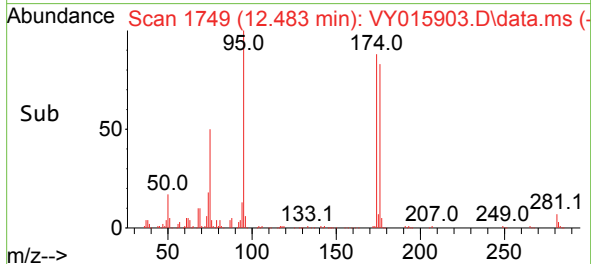
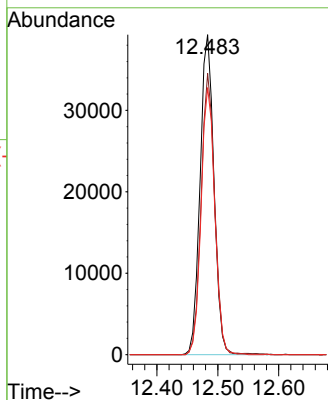
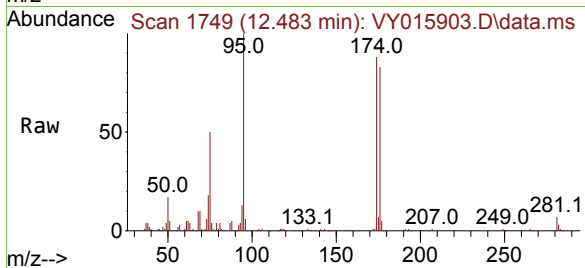




#62
4-Bromofluorobenzene
Concen: 49.722 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015903.D
Acq: 10 Oct 2023 17:39

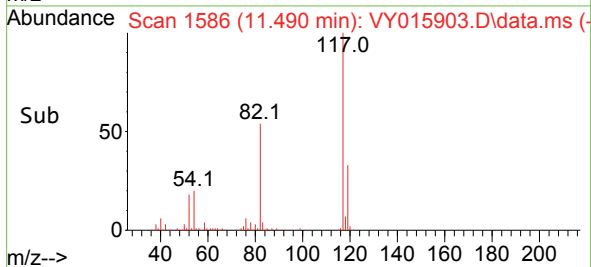
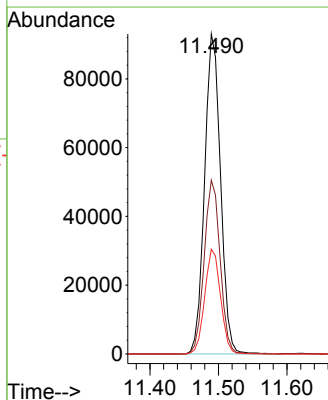
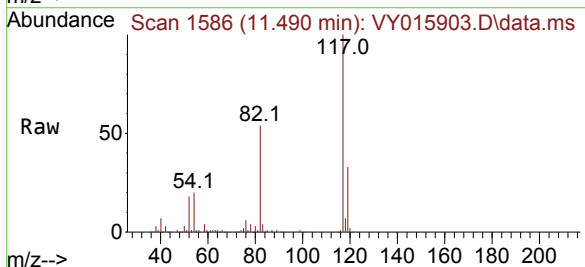
Instrument :
MSVOA_Y
ClientSampleId :

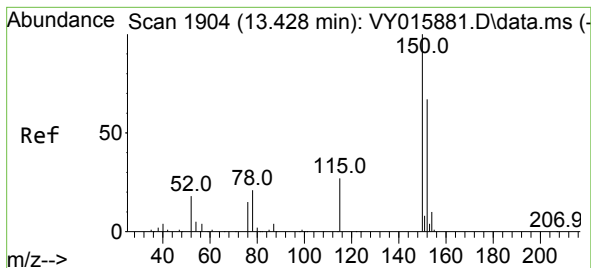
Tgt Ion: 95 Resp: 62199
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015903.D
Acq: 10 Oct 2023 17:39

Tgt Ion:117 Resp: 151026
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.8 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

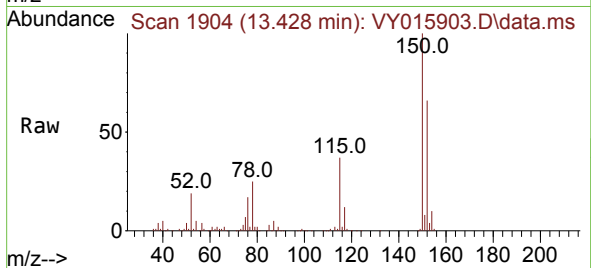
Lab File: VY015903.D

Acq: 10 Oct 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :



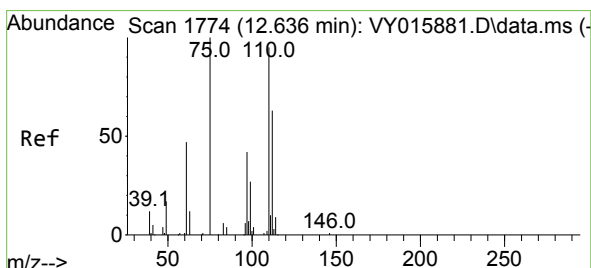
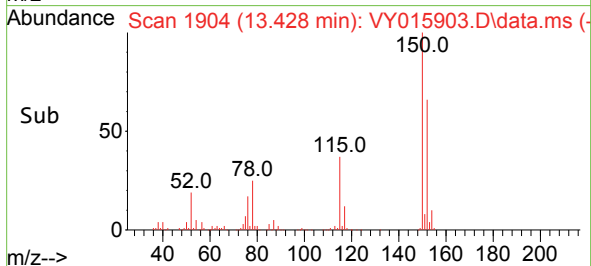
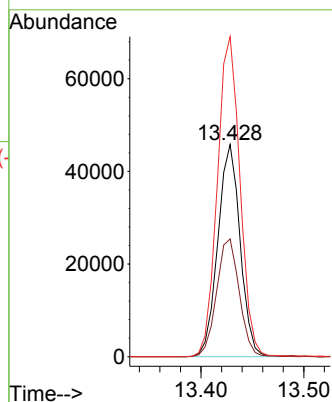
Tgt Ion:152 Resp: 68803

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 153.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 39.714 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY015903.D

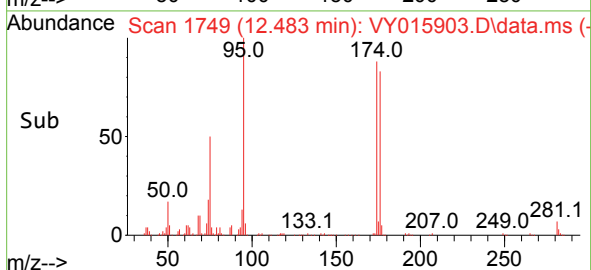
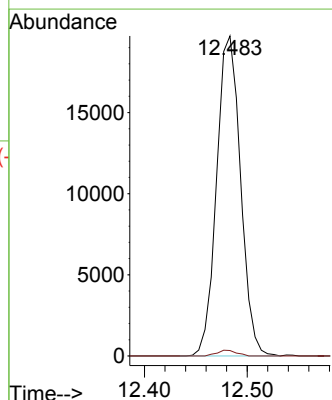
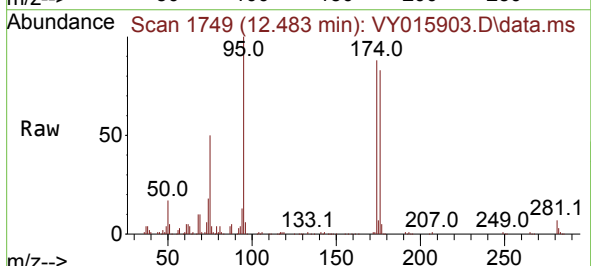
Acq: 10 Oct 2023 17:39

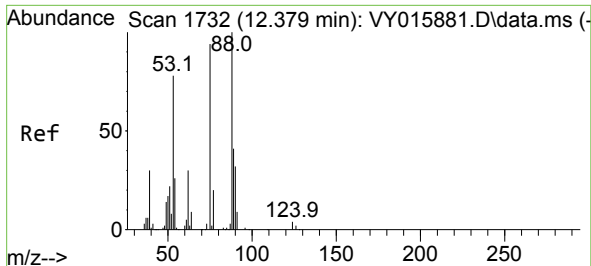
Tgt Ion: 75 Resp: 31898

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

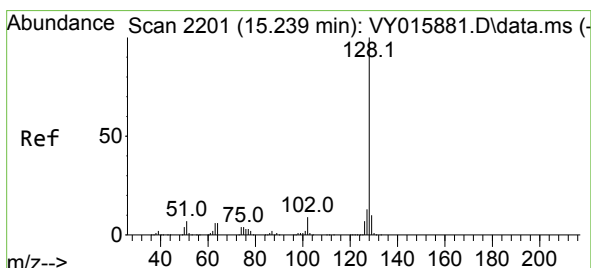
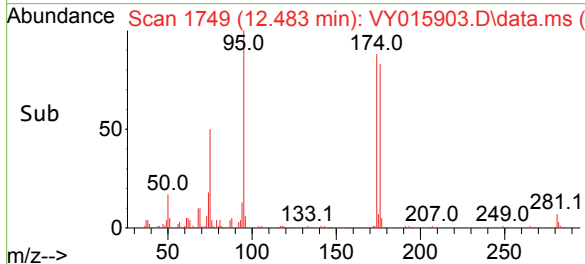
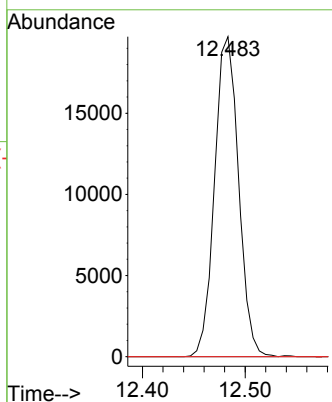
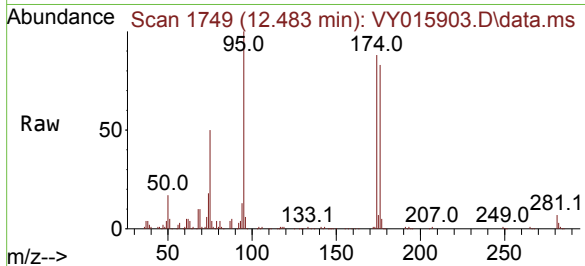




#81
trans-1,4-Dichloro-2-butene
Concen: 88.066 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015903.D
Acq: 10 Oct 2023 17:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31898
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.238 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY015903.D
Acq: 10 Oct 2023 17:39

Tgt Ion:128 Resp: 3655
Ion Ratio Lower Upper
128 100
127 14.2 10.8 16.2
129 9.6 8.6 13.0

