

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015268.D
 Acq On : 23 Aug 2023 01:02
 Operator : SY/MD
 Sample : 04110-08
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-1(X-X)

Quant Time: Aug 23 04:58:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

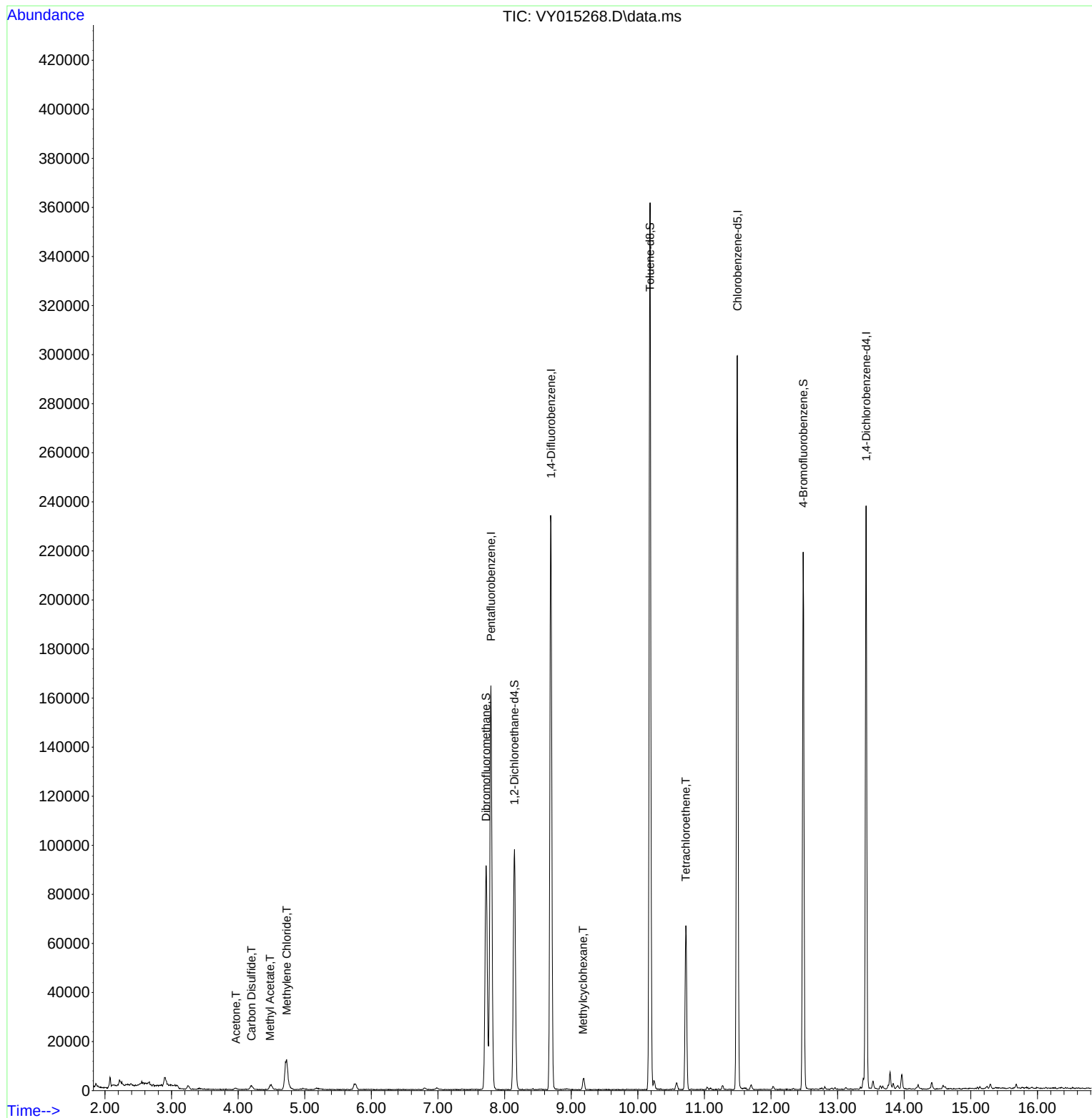
Internal Standards						
1) Pentafluorobenzene	7.795	168	125692	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	203484	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	166173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77859	51.603	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.200%	
35) Dibromofluoromethane	7.722	113	64366	49.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.340%	
50) Toluene-d8	10.185	98	234922	48.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.420%	
62) 4-Bromofluorobenzene	12.483	95	62684	35.218	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	1121	2.274	ug/l	95
17) Carbon Disulfide	4.198	76	3502	2.275	ug/l	100
18) Methyl Acetate	4.479	43	3981	2.204	ug/l #	82
20) Methylene Chloride	4.728	84	9146	3.742	ug/l #	89
39) Methylcyclohexane	9.179	83	1970	1.213	ug/l #	88
64) Tetrachloroethene	10.721	164	14632	12.639	ug/l	93

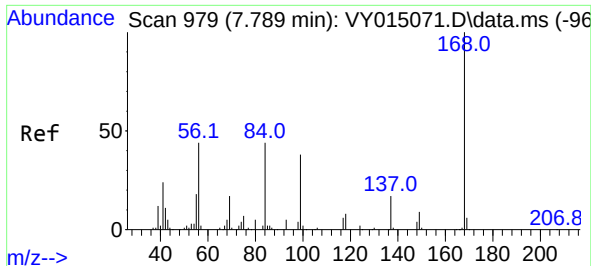
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015268.D
Acq On : 23 Aug 2023 01:02
Operator : SY/MD
Sample : 04110-08
Misc : 4.26g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-1(X-X)

Quant Time: Aug 23 04:58:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

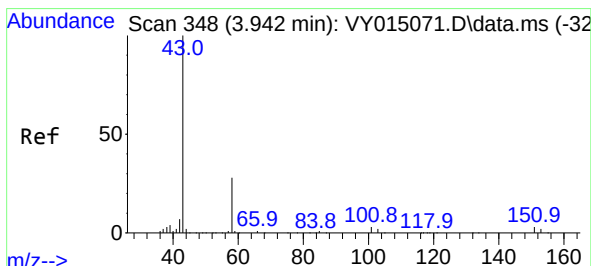
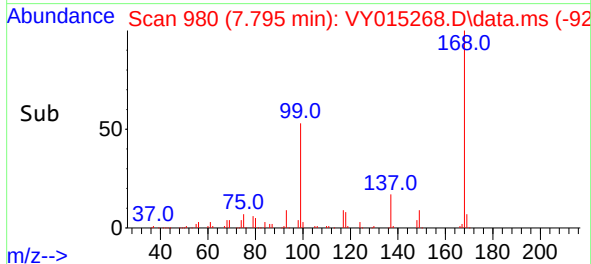
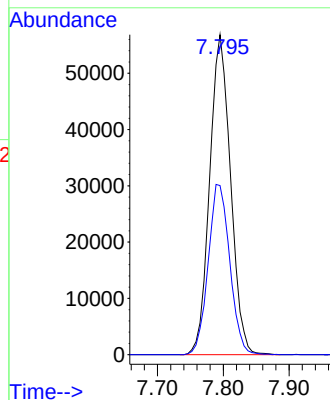
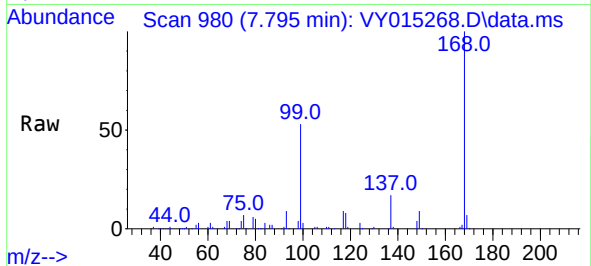




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015268.D
Acq: 23 Aug 2023 01:02

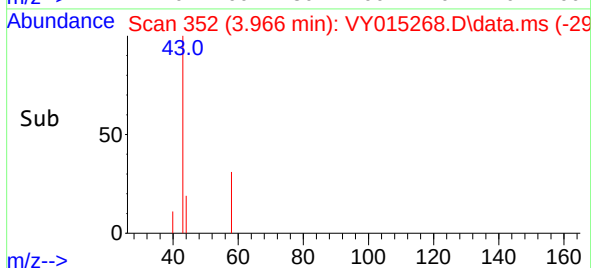
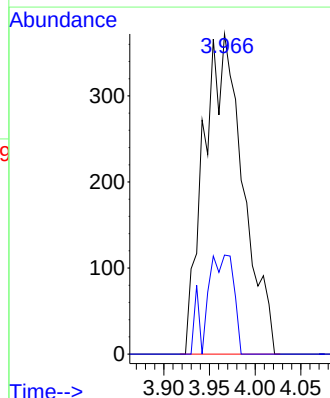
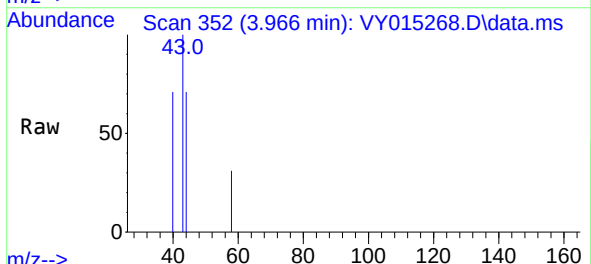
Instrument :
MSVOA_Y
ClientSampleId :
DUP-1(X-X)

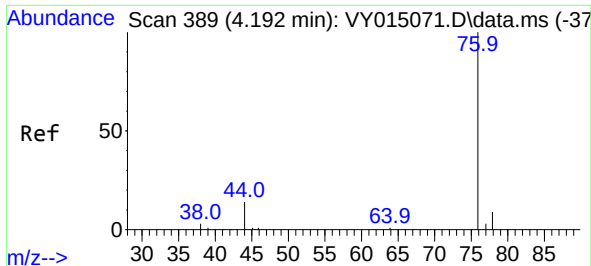
Tgt Ion:168 Resp: 125692
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#16
Acetone
Concen: 2.274 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015268.D
Acq: 23 Aug 2023 01:02

Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1

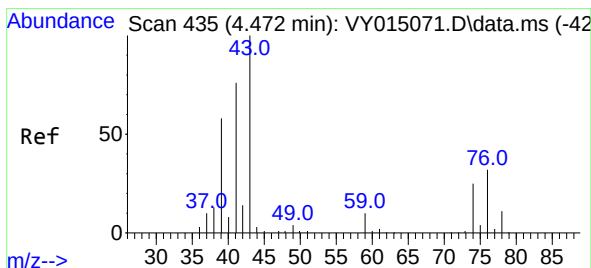
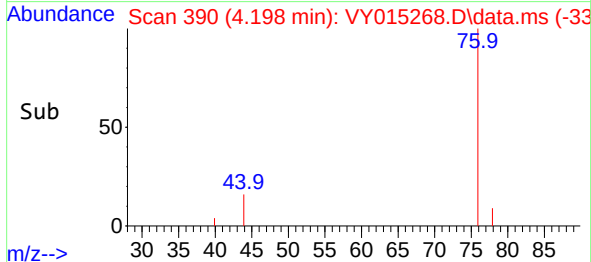
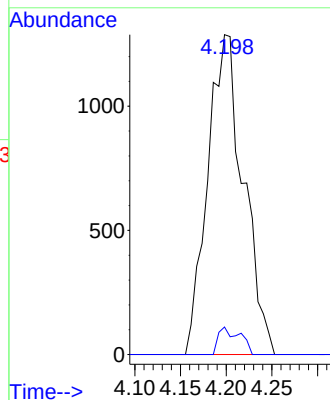
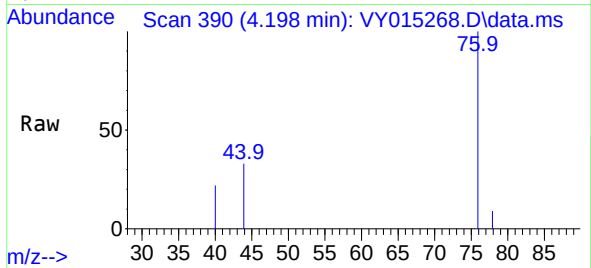




#17
Carbon Disulfide
Concen: 2.275 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.012 min
Lab File: VY015268.D
Acq: 23 Aug 2023 01:02

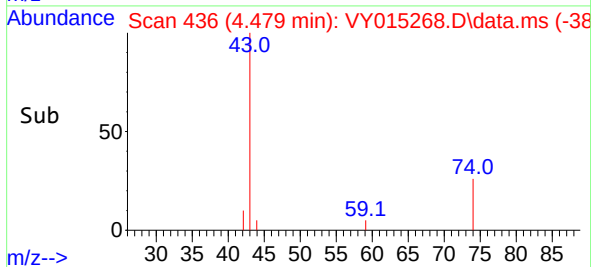
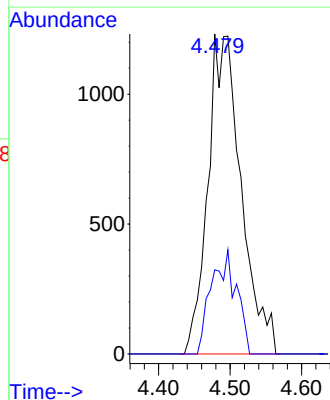
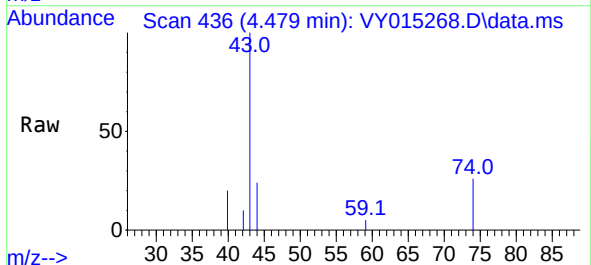
Instrument :
MSVOA_Y
ClientSampleId :
DUP-1(X-X)

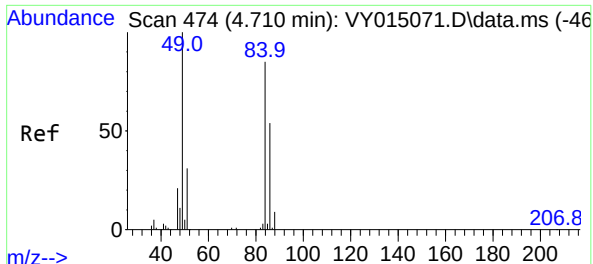
Tgt Ion: 76 Resp: 3502
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 2.204 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY015268.D
Acq: 23 Aug 2023 01:02

Tgt Ion: 43 Resp: 3981
Ion Ratio Lower Upper
43 100
74 13.4 17.4 26.0#

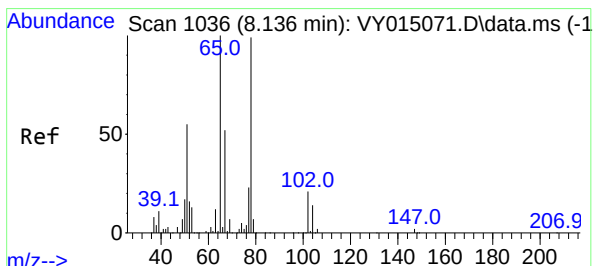
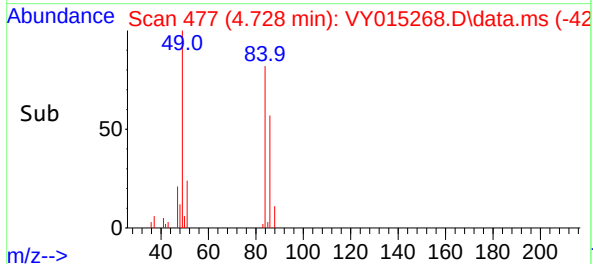
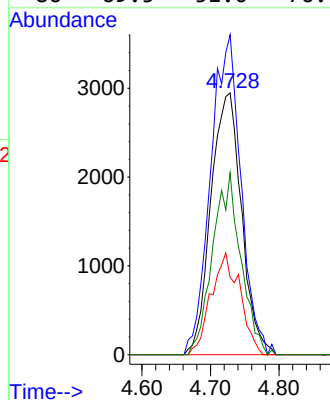
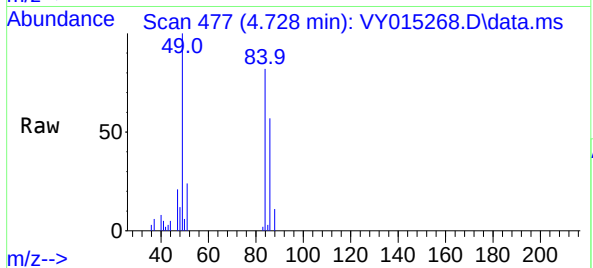




#20
Methylene Chloride
Concen: 3.742 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY015268.D
Acq: 23 Aug 2023 01:02

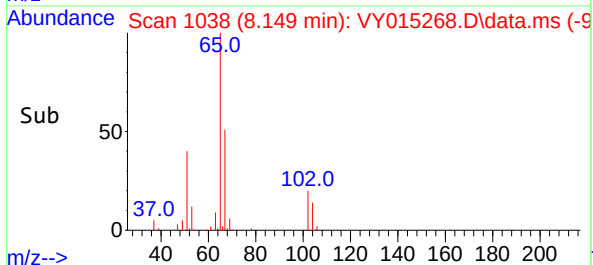
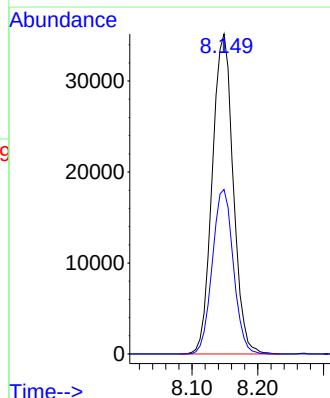
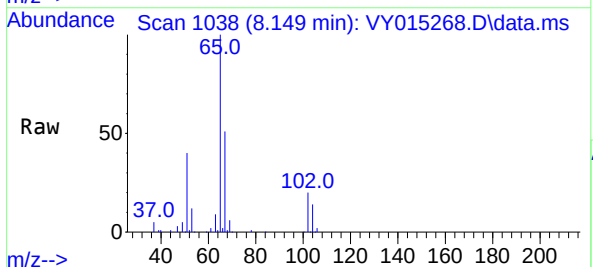
Instrument :
MSVOA_Y
ClientSampleId :
DUP-1(X-X)

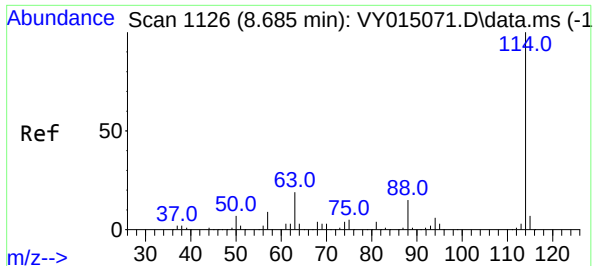
Tgt Ion: 84 Resp: 9146
Ion Ratio Lower Upper
84 100
49 122.3 106.9 160.3
51 29.5 33.2 49.8#
86 69.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 51.603 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015268.D
Acq: 23 Aug 2023 01:02

Tgt Ion: 65 Resp: 77859
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015268.D

Acq: 23 Aug 2023 01:02

Instrument :

MSVOA_Y

ClientSampleId :

DUP-1(X-X)

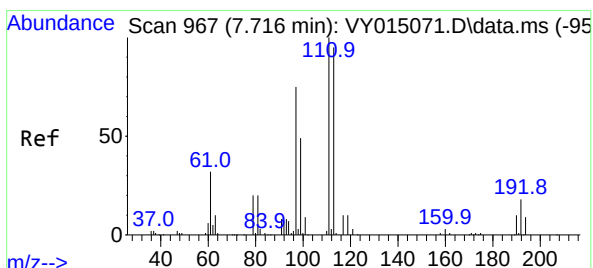
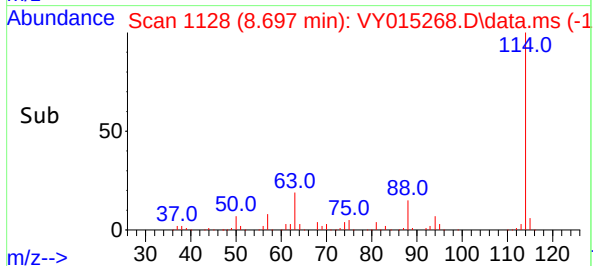
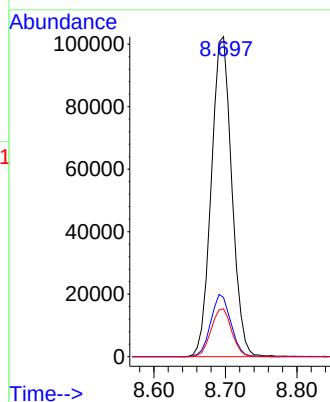
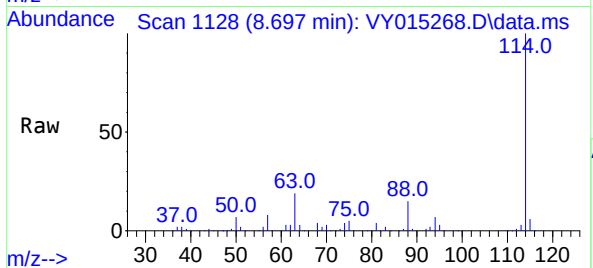
Tgt Ion:114 Resp: 203484

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.169 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015268.D

Acq: 23 Aug 2023 01:02

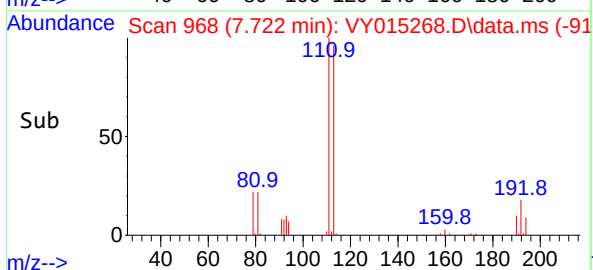
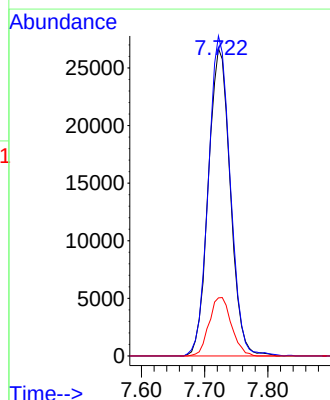
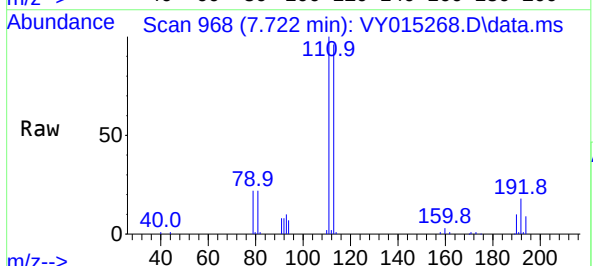
Tgt Ion:113 Resp: 64366

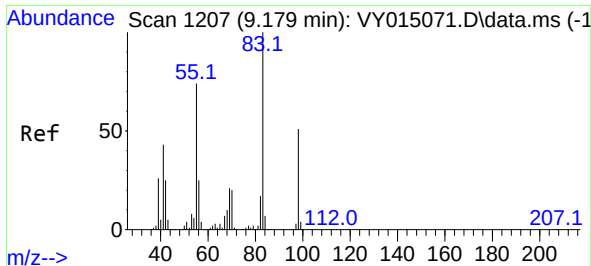
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.3 16.9 25.3





#39

Methylcyclohexane

Concen: 1.213 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015268.D

Acq: 23 Aug 2023 01:02

Instrument :

MSVOA_Y

ClientSampleId :

DUP-1(X-X)

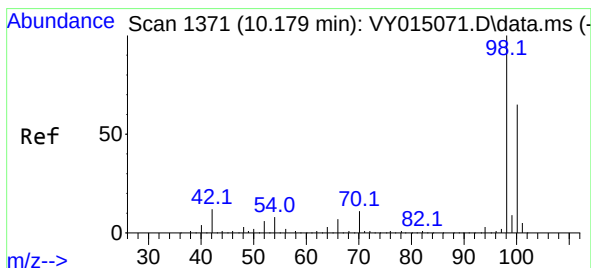
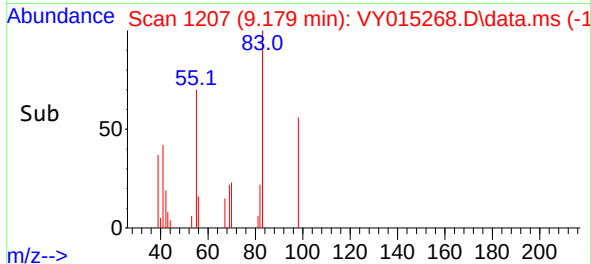
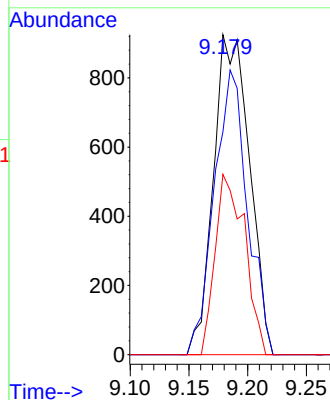
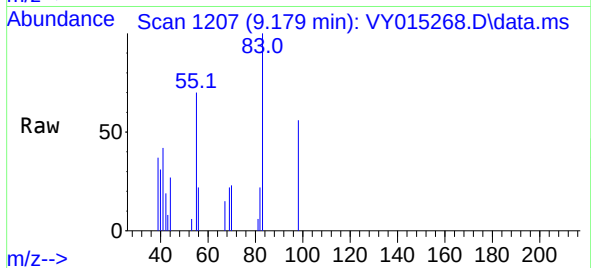
Tgt Ion: 83 Resp: 1970

Ion Ratio Lower Upper

83 100

55 69.6 63.0 94.4

98 56.3 37.4 56.2#



#50

Toluene-d8

Concen: 48.207 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015268.D

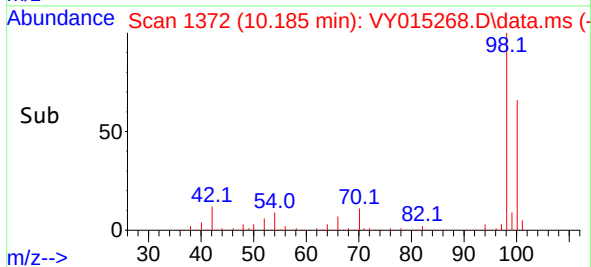
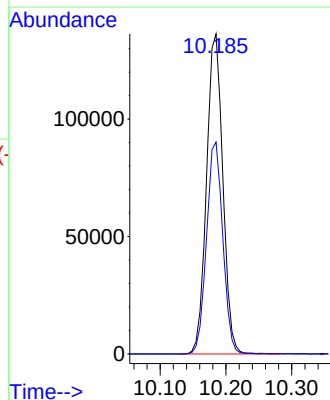
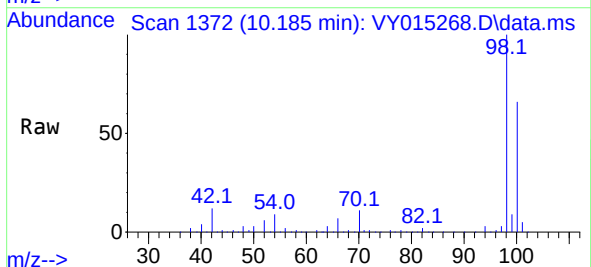
Acq: 23 Aug 2023 01:02

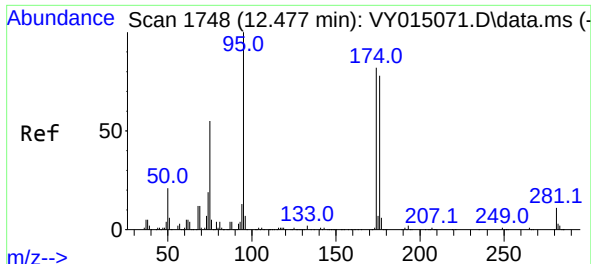
Tgt Ion: 98 Resp: 234922

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1

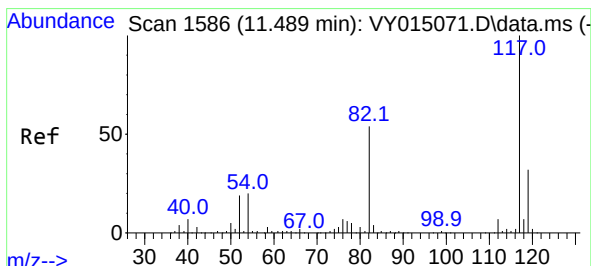
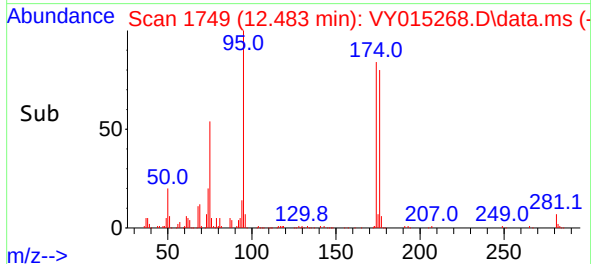
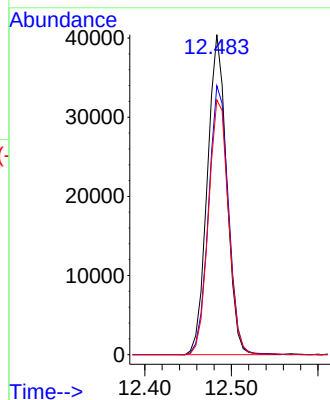
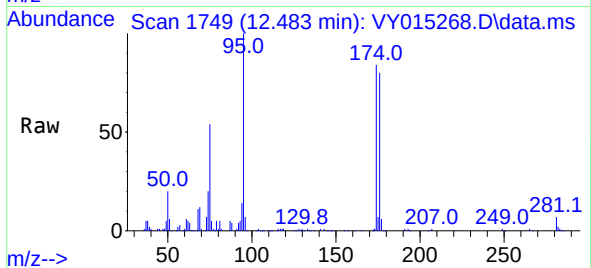




#62
4-Bromofluorobenzene
Concen: 35.218 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015268.D
Acq: 23 Aug 2023 01:02

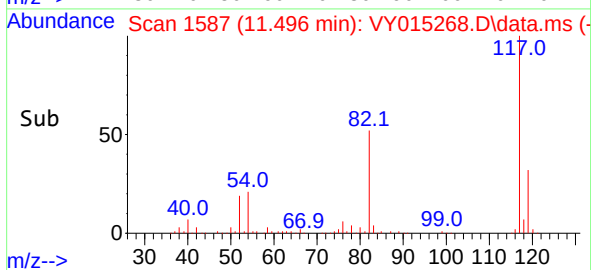
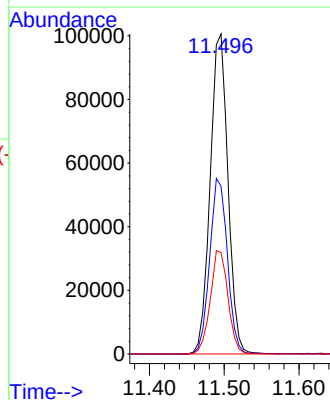
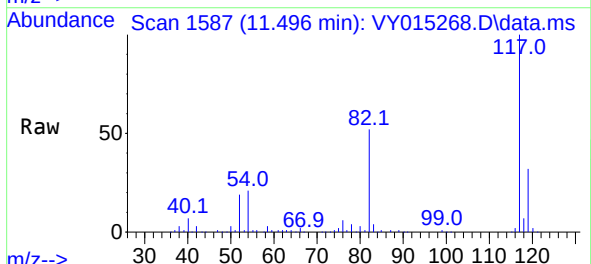
Instrument :
MSVOA_Y
ClientSampleId :
DUP-1(X-X)

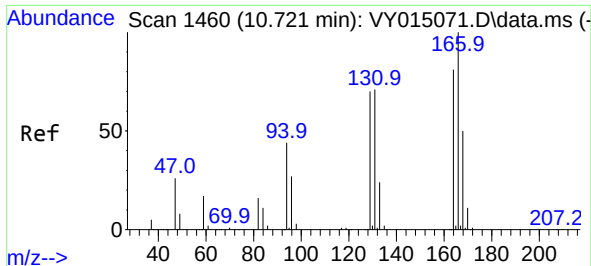
Tgt Ion: 95 Resp: 62684
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015268.D
Acq: 23 Aug 2023 01:02

Tgt Ion: 117 Resp: 166173
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 31.7 26.3 39.5



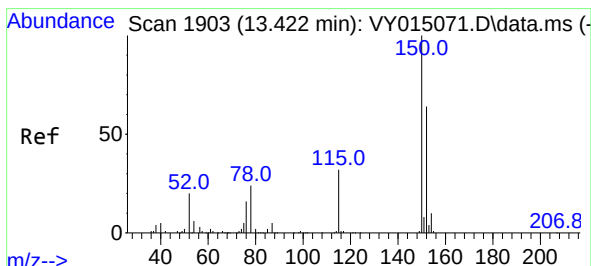
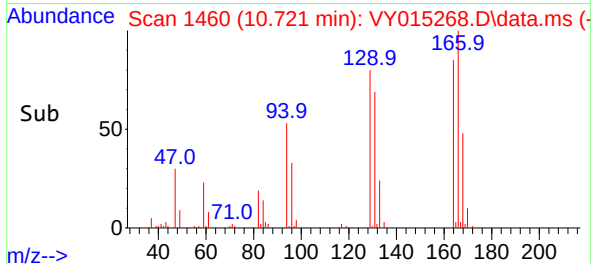
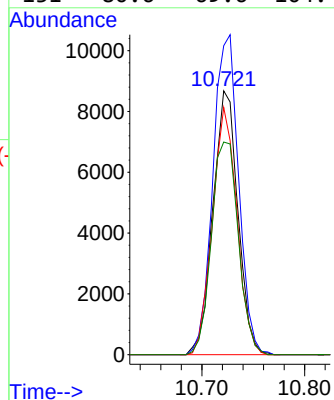
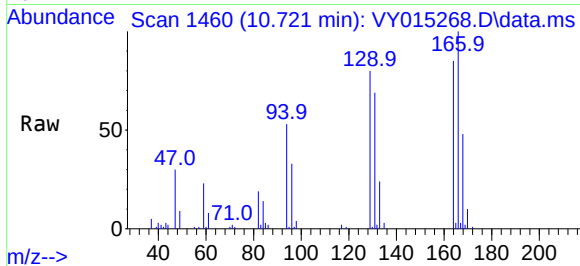


#64
Tetrachloroethene
Concen: 12.639 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015268.D
Acq: 23 Aug 2023 01:02

Instrument :
MSVOA_Y
ClientSampleId :
DUP-1(X-X)

Tgt Ion:164 Resp: 14632

Ion	Ratio	Lower	Upper
164	100		
166	117.1	103.0	154.6
129	93.7	77.2	115.8
131	80.6	69.6	104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015268.D
Acq: 23 Aug 2023 01:02

Tgt Ion:152 Resp: 59290

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.8	86.5
150	157.6	0.0	348.8

