

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015256.D
 Acq On : 22 Aug 2023 19:48
 Operator : SY/MD
 Sample : 04109-04
 Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-02(6-7)

Quant Time: Aug 23 02:47:00 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)

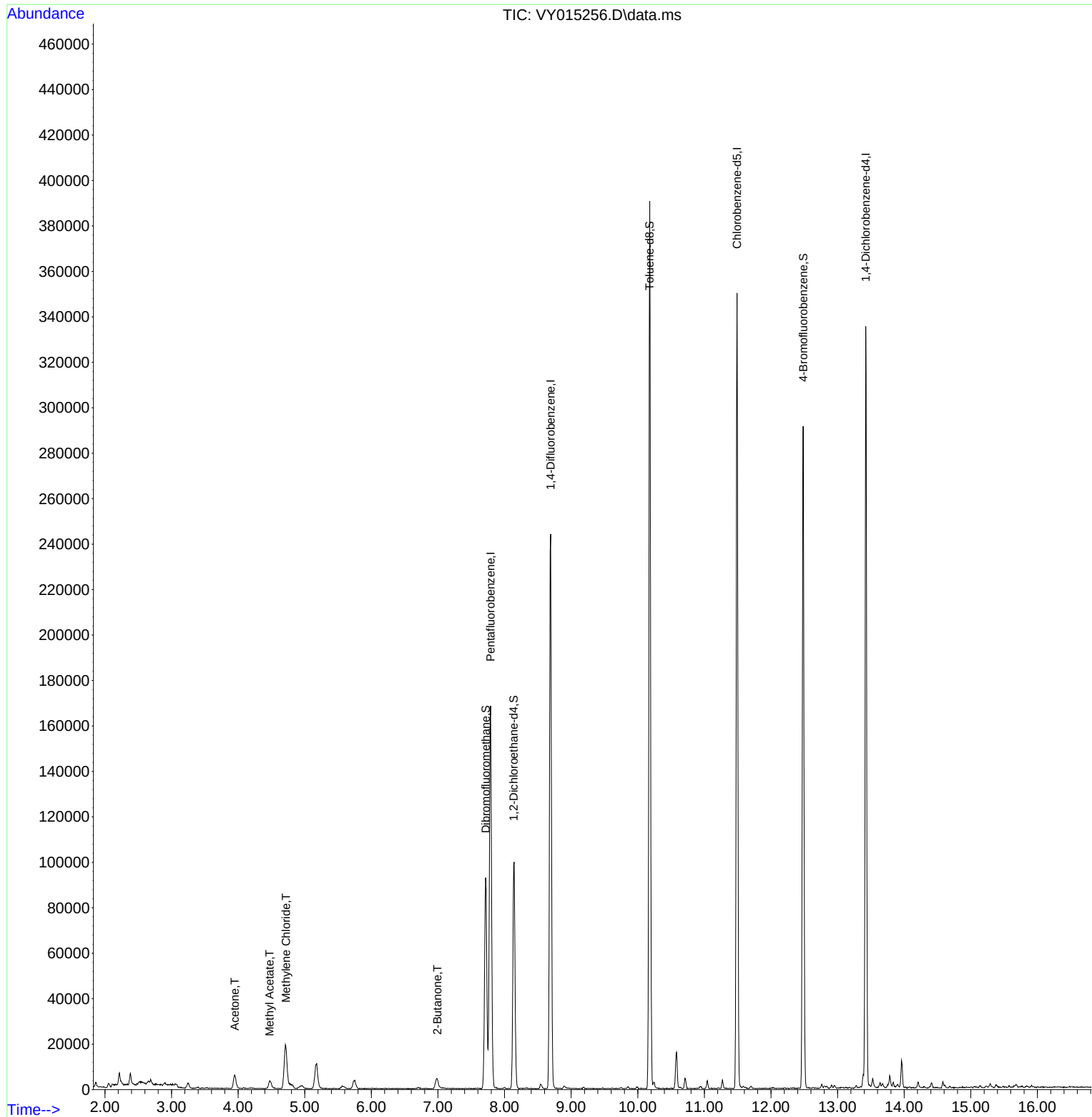
Internal Standards						
1) Pentafluorobenzene	7.789	168	130081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	78192	50.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.140%
35) Dibromofluoromethane	7.716	113	64739	47.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.179	98	248003	48.841	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.483	95	79426	42.826	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.660%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	10703	20.981	ug/l #	87
18) Methyl Acetate	4.473	43	6705	3.587	ug/l #	89
20) Methylene Chloride	4.716	84	14216	7.993	ug/l	88
25) 2-Butanone	6.990	43	2683	3.715	ug/l #	87

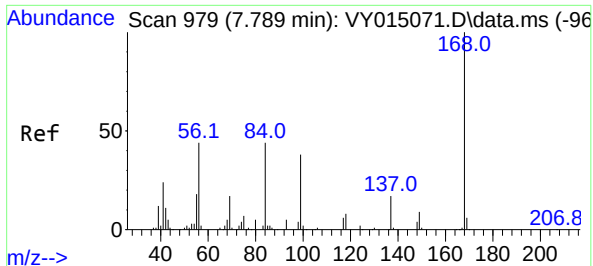
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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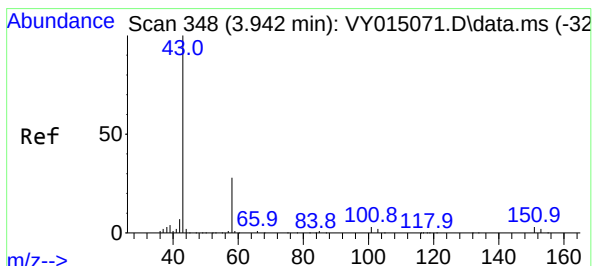
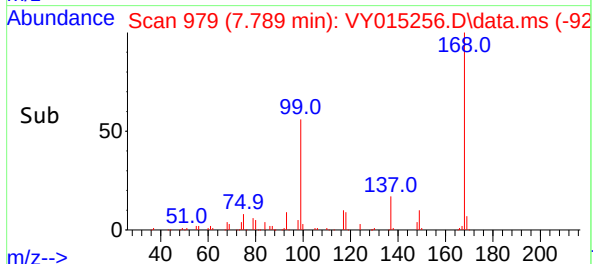
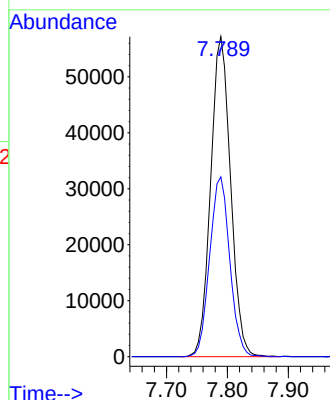
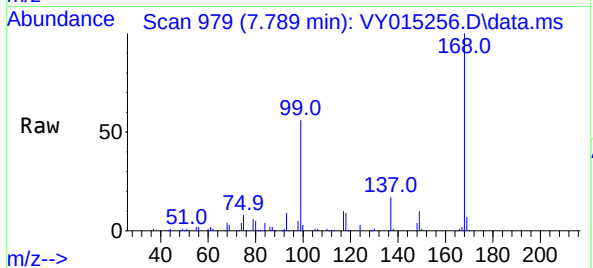




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

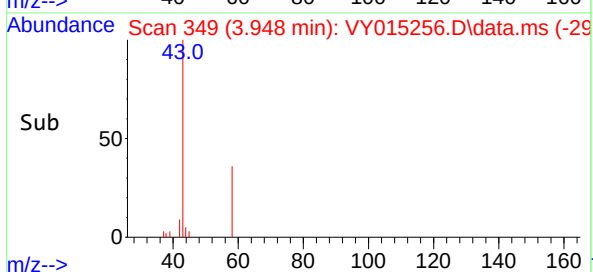
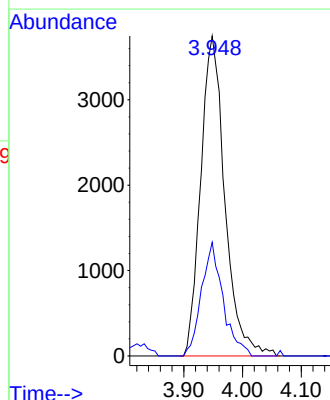
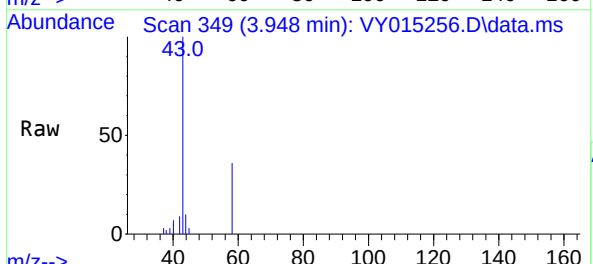
Instrument :
MSVOA_Y
ClientSampleId :
TP-02(6-7)

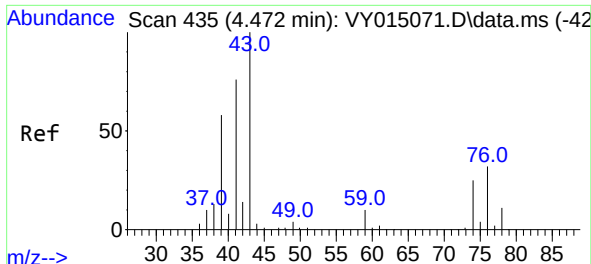
Tgt Ion:168 Resp: 130081
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#16
Acetone
Concen: 20.981 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

Tgt Ion: 43 Resp: 10703
Ion Ratio Lower Upper
43 100
58 35.5 22.7 34.1#

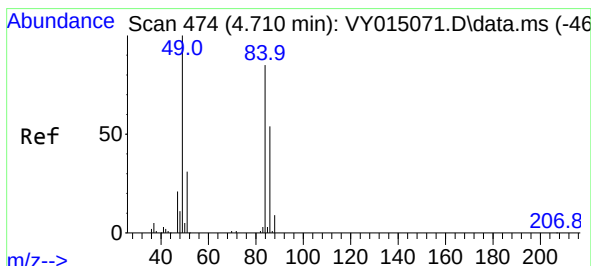
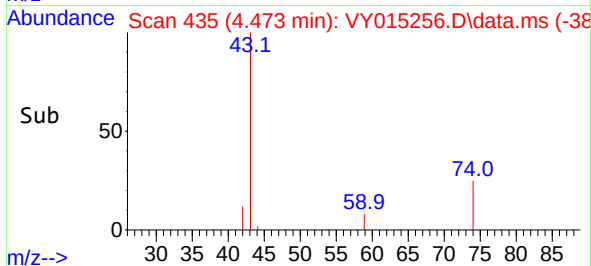
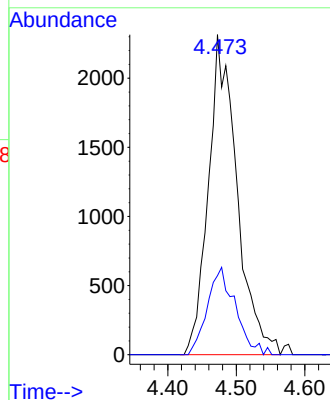
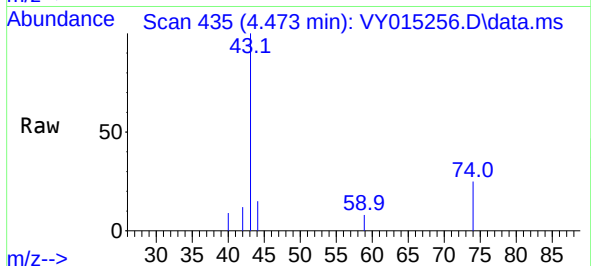




#18
Methyl Acetate
Concen: 3.587 ug/l
RT: 4.473 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

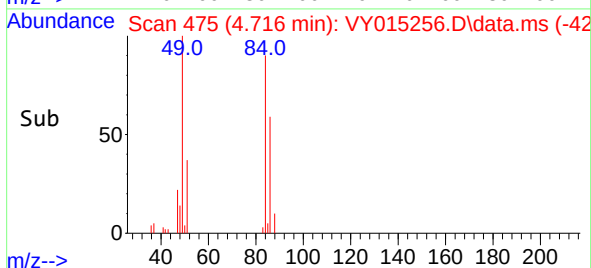
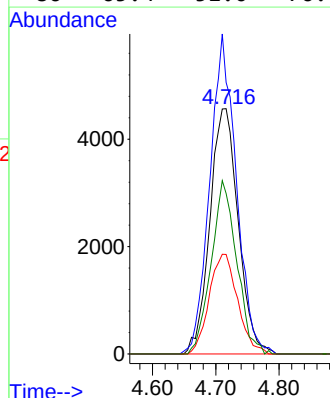
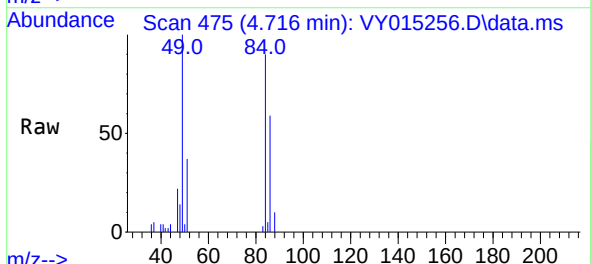
Instrument :
MSVOA_Y
ClientSampleId :
TP-02(6-7)

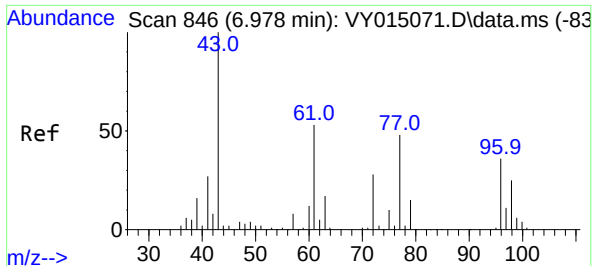
Tgt Ion: 43 Resp: 6705
Ion Ratio Lower Upper
43 100
74 26.8 17.4 26.0#



#20
Methylene Chloride
Concen: 7.993 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

Tgt Ion: 84 Resp: 14216
Ion Ratio Lower Upper
84 100
49 110.7 106.9 160.3
51 40.6 33.2 49.8
86 65.4 51.0 76.6

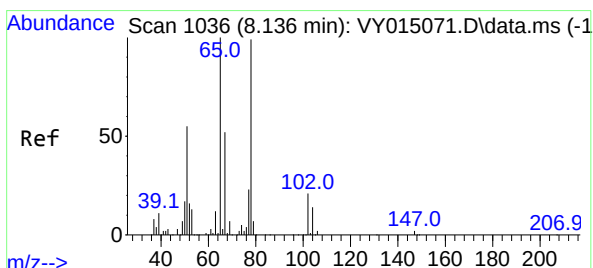
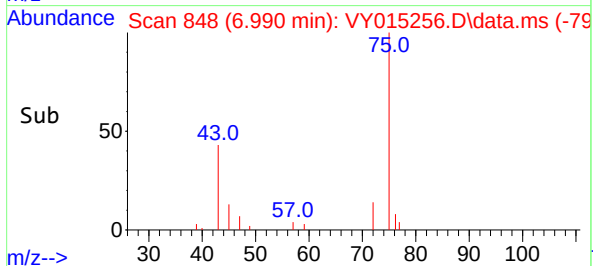
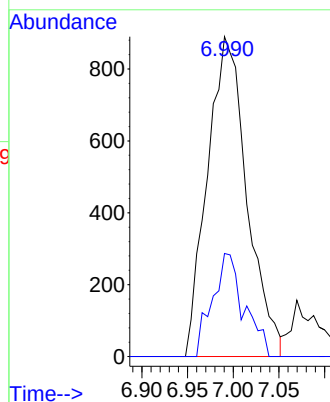
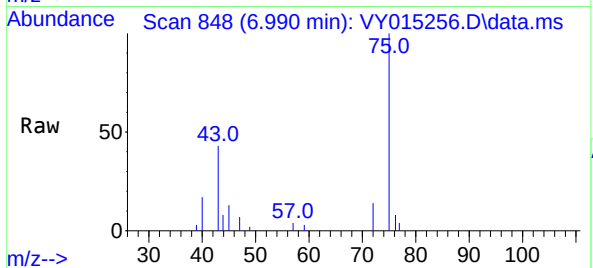




#25
2-Butanone
Concen: 3.715 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

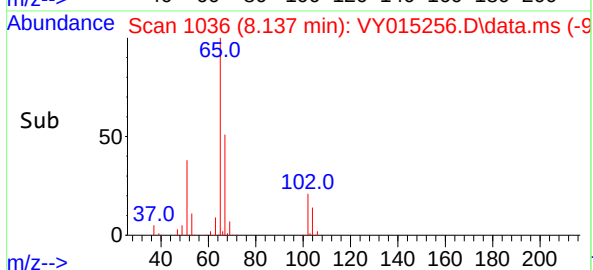
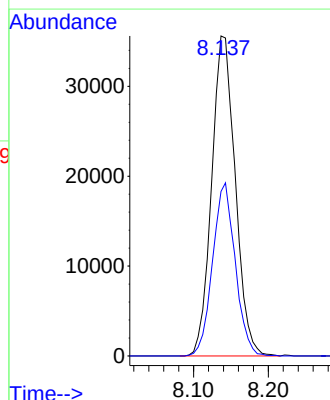
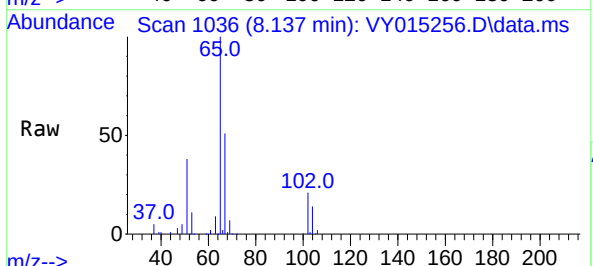
Instrument :
MSVOA_Y
ClientSampleId :
TP-02(6-7)

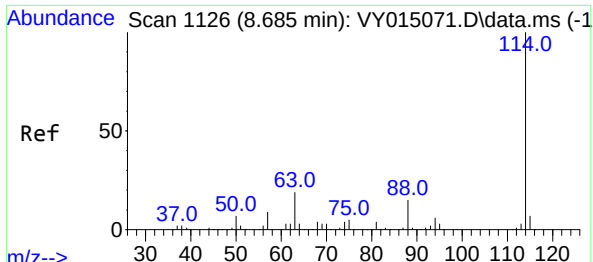
Tgt Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
72 32.2 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 50.075 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

Tgt Ion: 65 Resp: 78192
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8



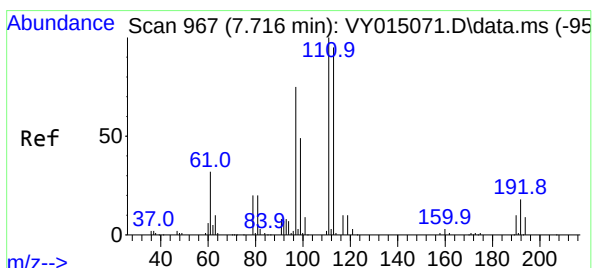
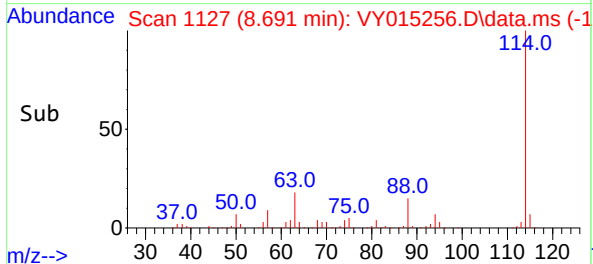
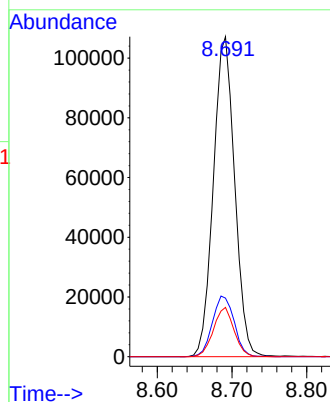
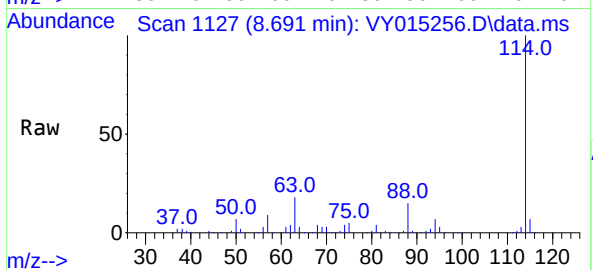


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-02(6-7)

Tgt Ion:114 Resp: 212026

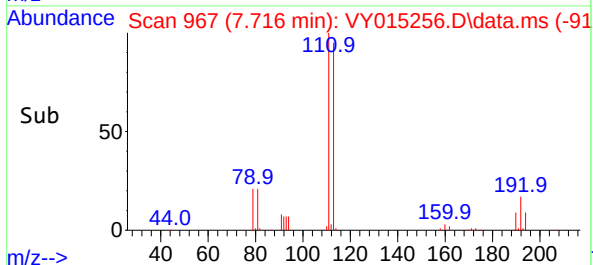
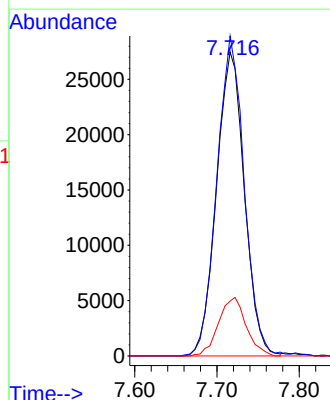
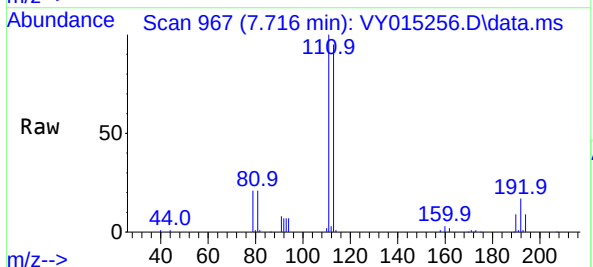
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	42.4
88	15.4	0.0	30.6

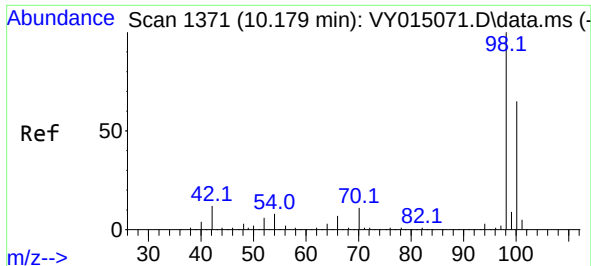


#35
Dibromofluoromethane
Concen: 47.461 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

Tgt Ion:113 Resp: 64739

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	19.1	16.9	25.3

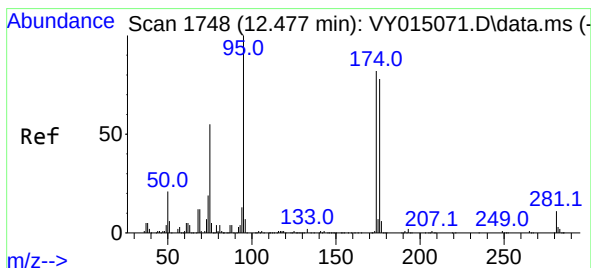
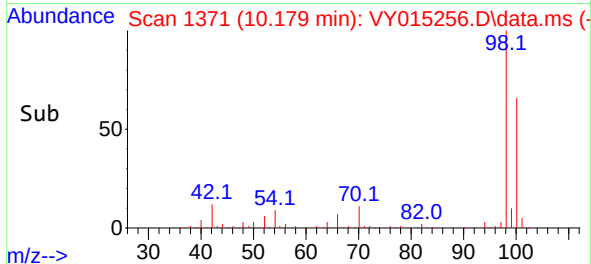
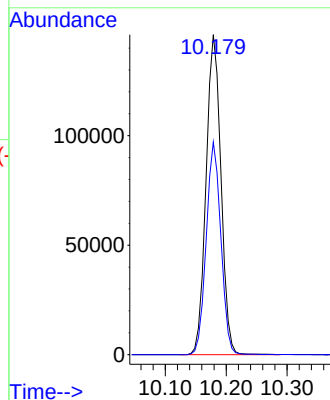
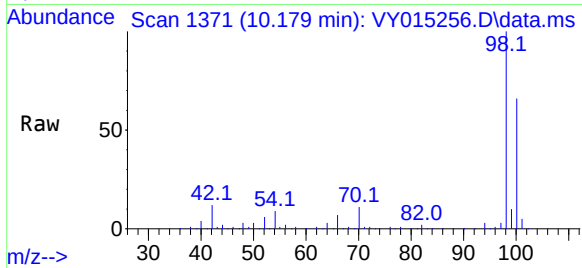




#50
Toluene-d8
Concen: 48.841 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

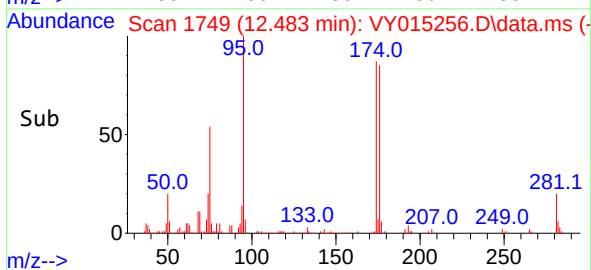
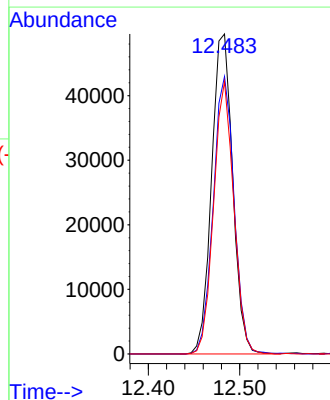
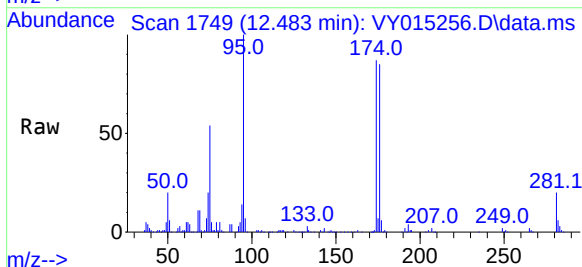
Instrument :
MSVOA_Y
ClientSampleId :
TP-02(6-7)

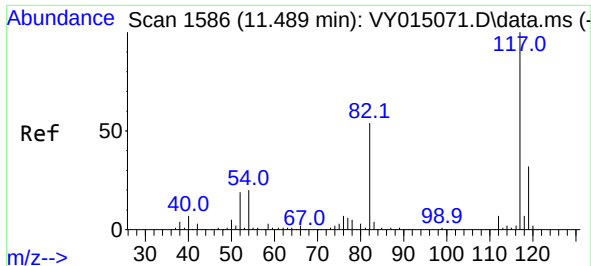
Tgt Ion: 98 Resp: 248003
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.826 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

Tgt Ion: 95 Resp: 79426
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 81.2 0.0 173.8

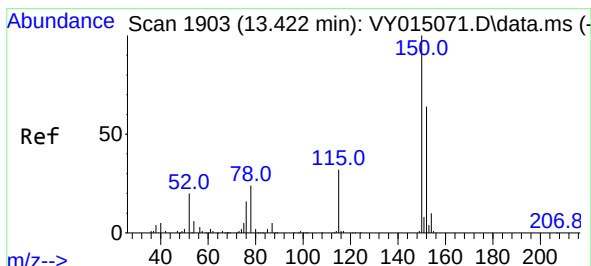
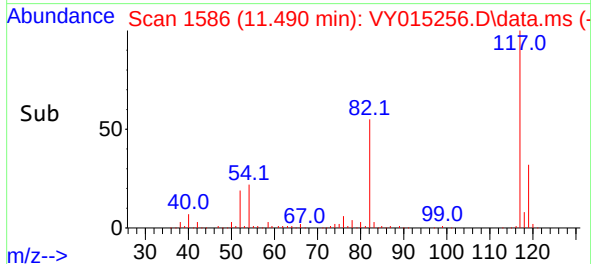
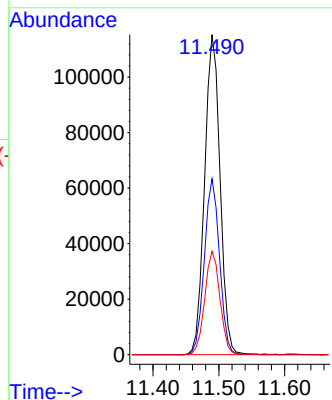
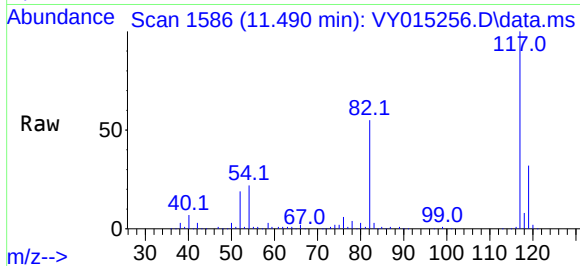




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-02(6-7)

Tgt Ion:117 Resp: 188564
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015256.D
Acq: 22 Aug 2023 19:48

Tgt Ion:152 Resp: 84198
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 159.4 0.0 348.8

