

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015277.D
 Acq On : 23 Aug 2023 04:33
 Operator : SY/MD
 Sample : 04109-08
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-1

Quant Time: Aug 23 05:01:50 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)

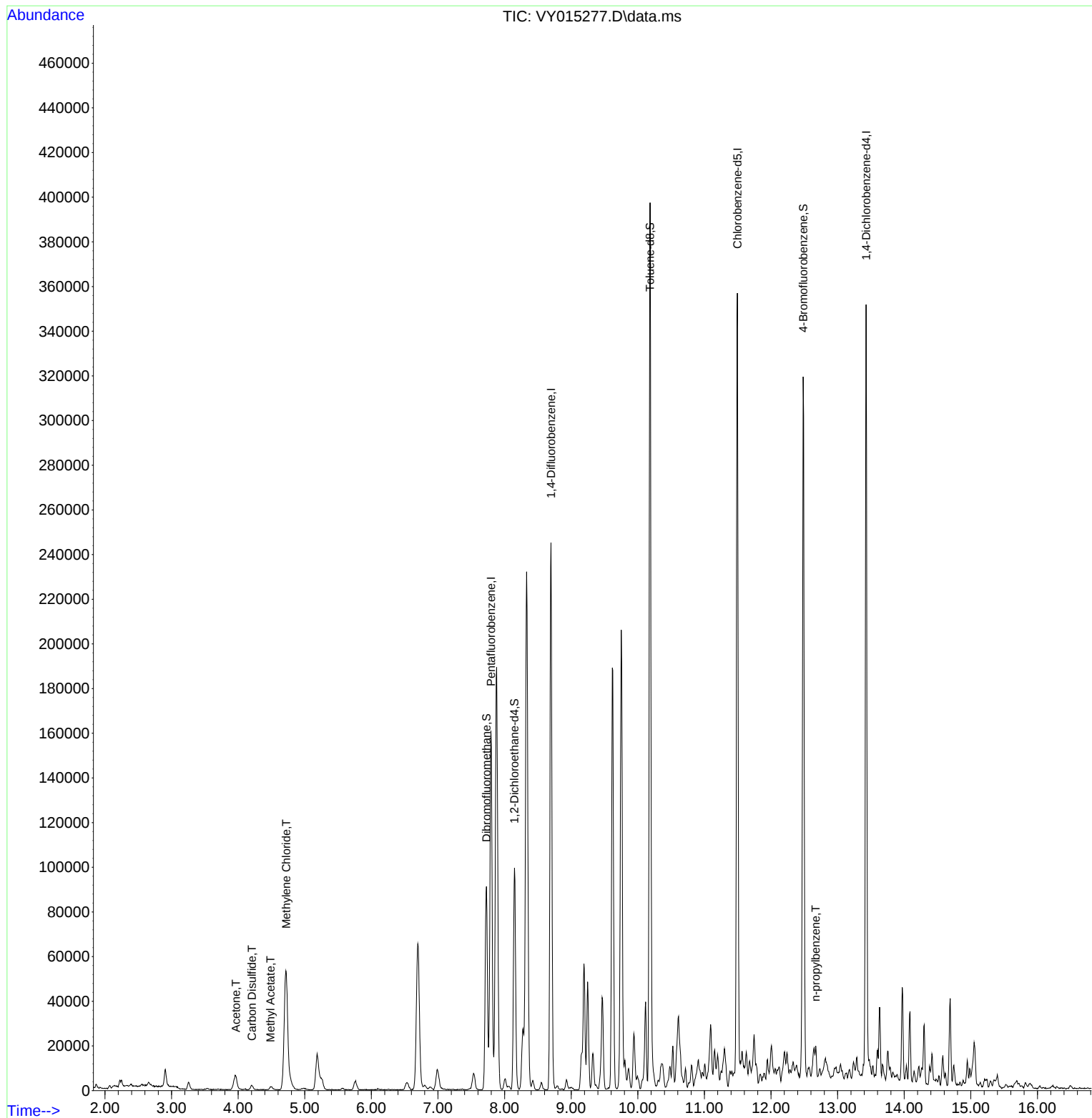
Internal Standards						
1) Pentafluorobenzene	7.795	168	125504	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	208040	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	186758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78802	52.306	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.620%
35) Dibromofluoromethane	7.728	113	65283	48.777	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.185	98	248569	49.891	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.483	95	82043	45.085	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.160%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	9168	18.628	ug/l	96
17) Carbon Disulfide	4.204	76	3957	2.575	ug/l	96
18) Methyl Acetate	4.485	43	2916	1.617	ug/l	93
20) Methylene Chloride	4.722	84	16829	10.881	ug/l	86
78) n-propylbenzene	12.672	91	9892	1.490	ug/l	97

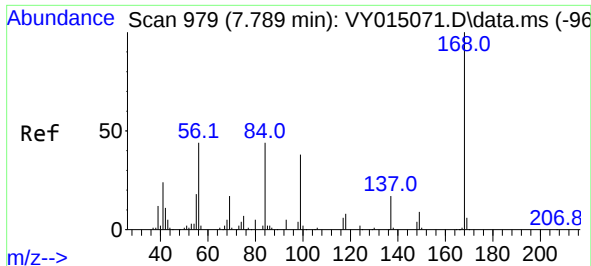
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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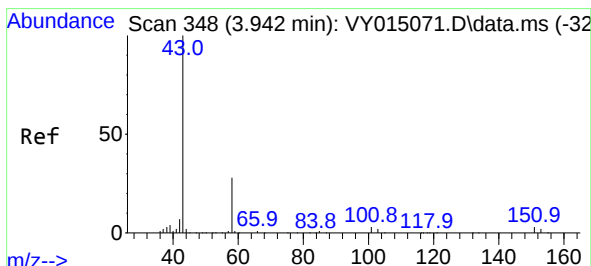
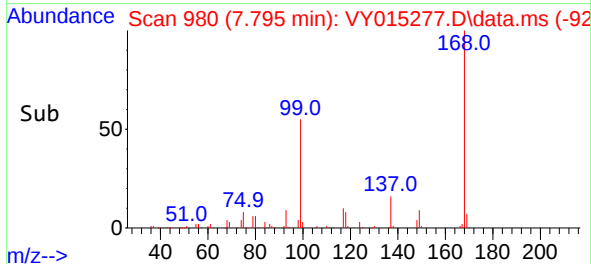
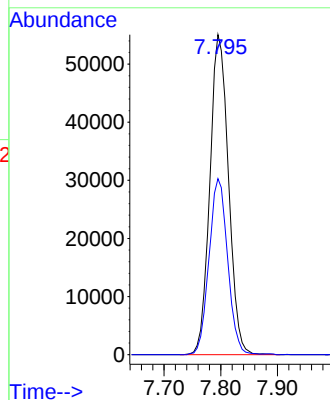
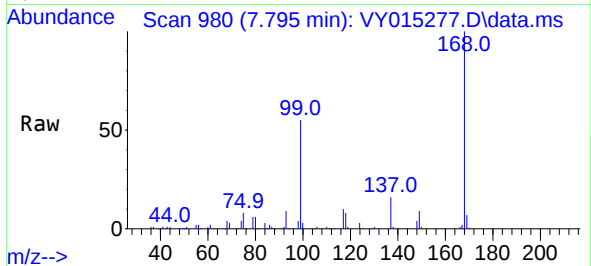




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015277.D
Acq: 23 Aug 2023 04:33

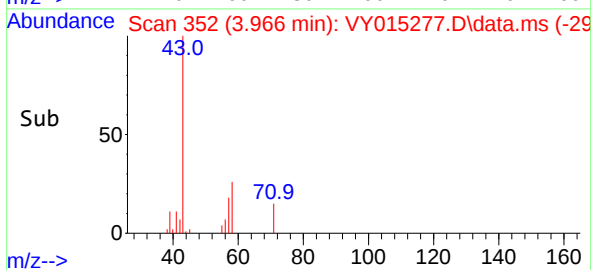
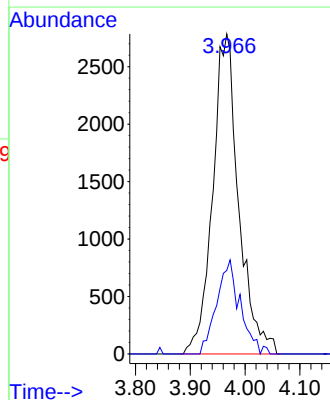
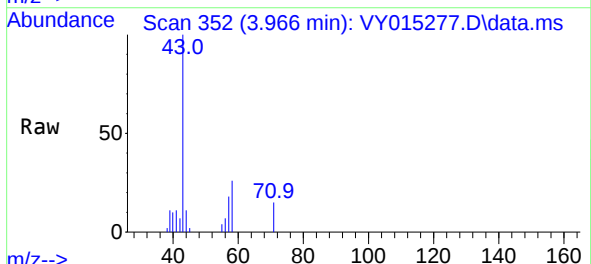
Instrument :
MSVOA_Y
ClientSampleId :
DUP-1

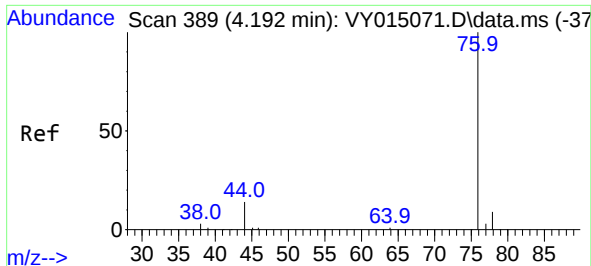
Tgt Ion:168 Resp: 125504
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#16
Acetone
Concen: 18.628 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015277.D
Acq: 23 Aug 2023 04:33

Tgt Ion: 43 Resp: 9168
Ion Ratio Lower Upper
43 100
58 26.1 22.7 34.1

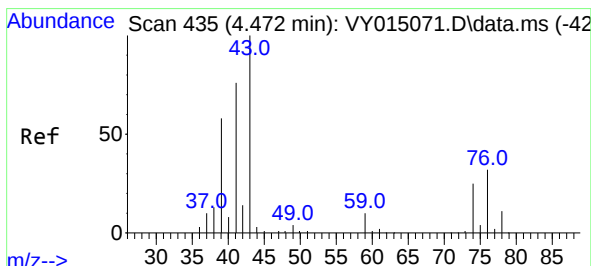
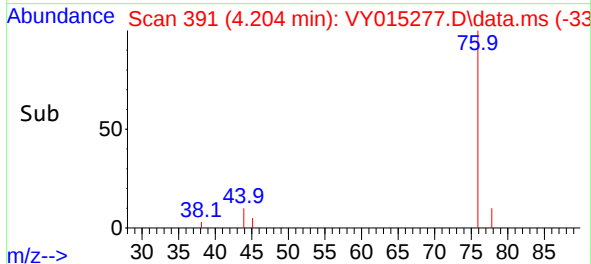
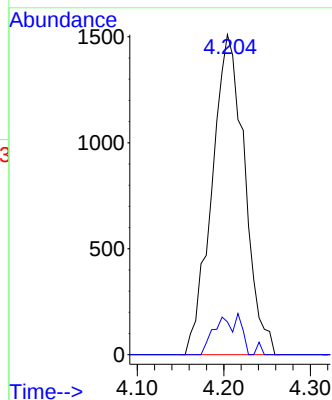
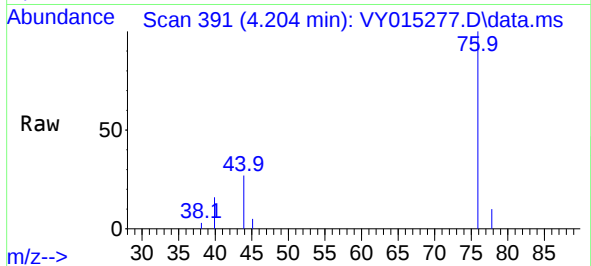




#17
Carbon Disulfide
Concen: 2.575 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015277.D
Acq: 23 Aug 2023 04:33

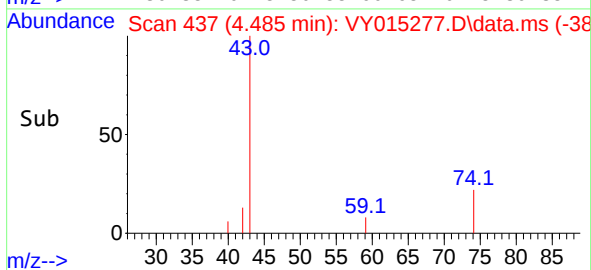
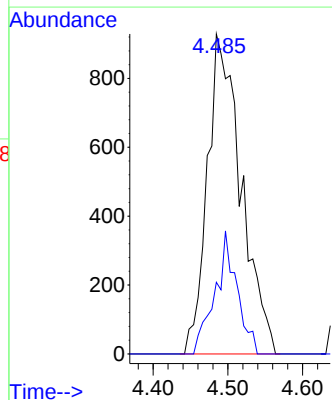
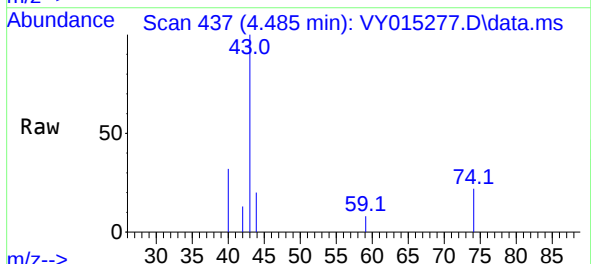
Instrument :
MSVOA_Y
ClientSampleId :
DUP-1

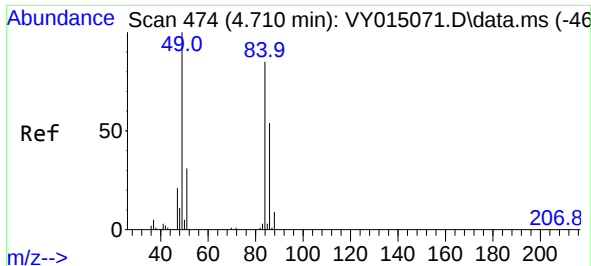
Tgt Ion: 76 Resp: 3957
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.4



#18
Methyl Acetate
Concen: 1.617 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY015277.D
Acq: 23 Aug 2023 04:33

Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0

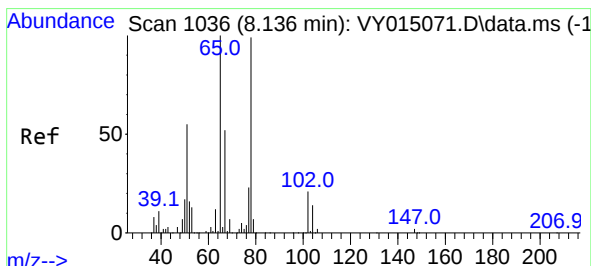
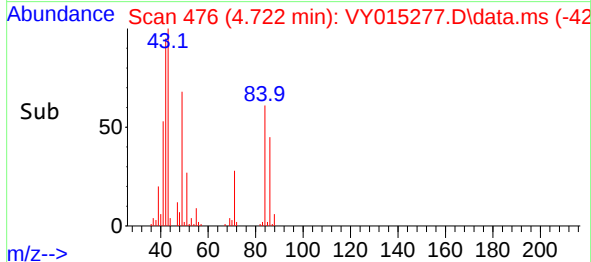
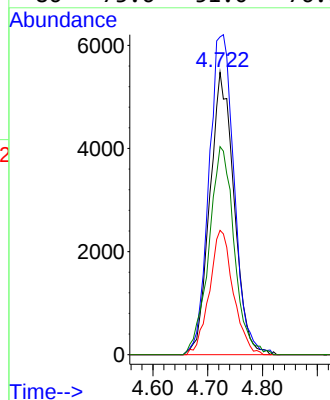
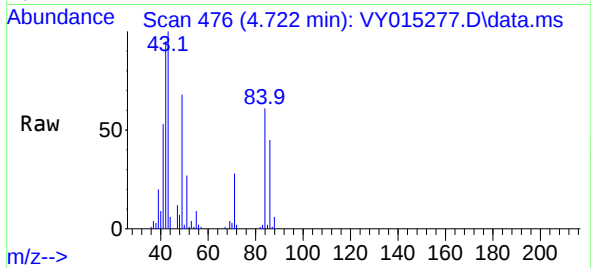




#20
Methylene Chloride
Concen: 10.881 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015277.D
Acq: 23 Aug 2023 04:33

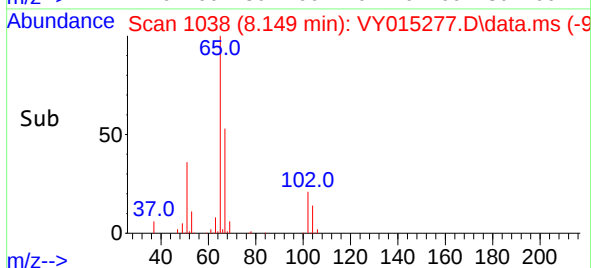
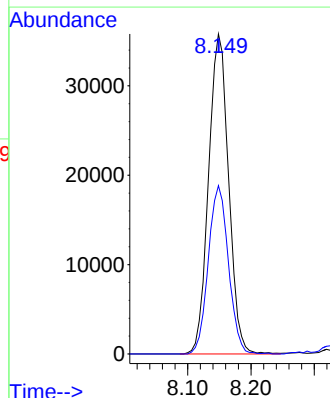
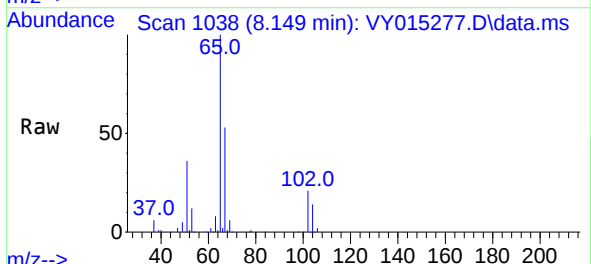
Instrument :
MSVOA_Y
ClientSampleId :
DUP-1

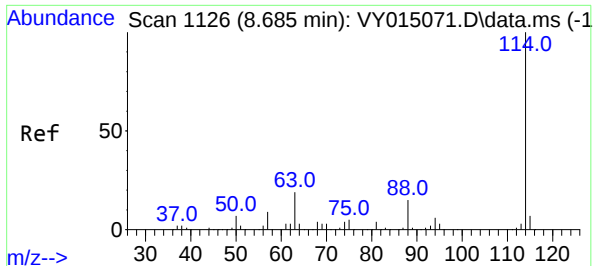
Tgt Ion: 84 Resp: 16829
Ion Ratio Lower Upper
84 100
49 112.5 106.9 160.3
51 44.0 33.2 49.8
86 73.6 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 52.306 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015277.D
Acq: 23 Aug 2023 04:33

Tgt Ion: 65 Resp: 78802
Ion Ratio Lower Upper
65 100
67 52.8 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: VY015277.D

Acq: 23 Aug 2023 04:33

Instrument :

MSVOA_Y

ClientSampleId :

DUP-1

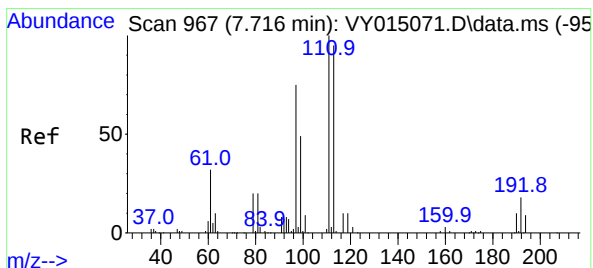
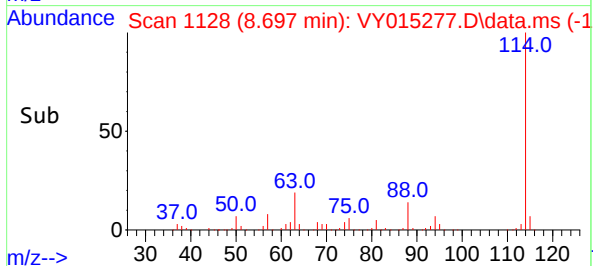
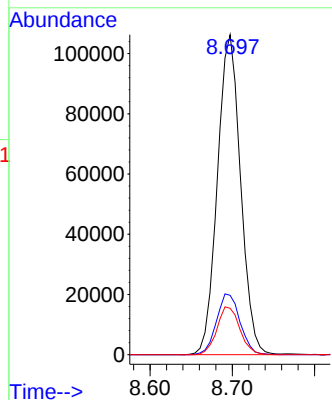
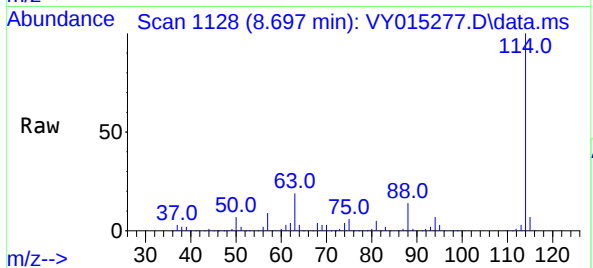
Tgt Ion:114 Resp: 208040

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.777 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015277.D

Acq: 23 Aug 2023 04:33

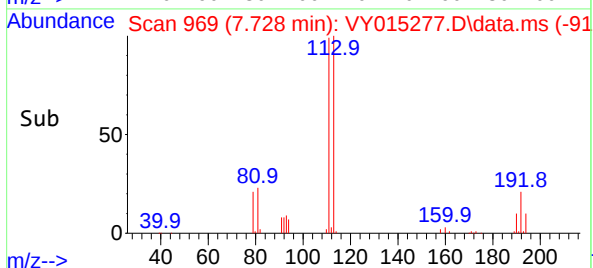
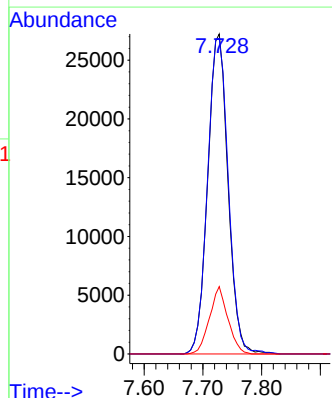
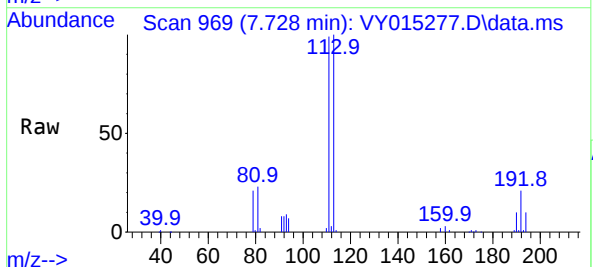
Tgt Ion:113 Resp: 65283

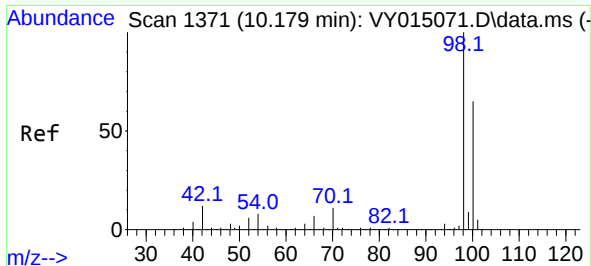
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 19.1 16.9 25.3

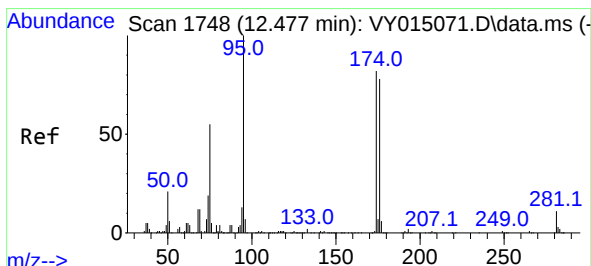
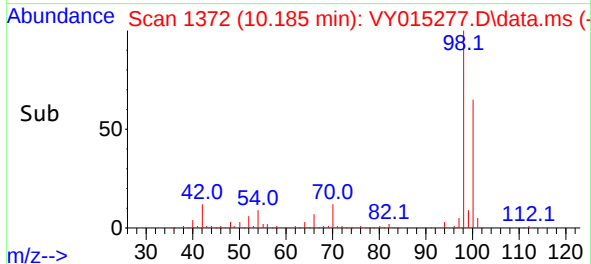
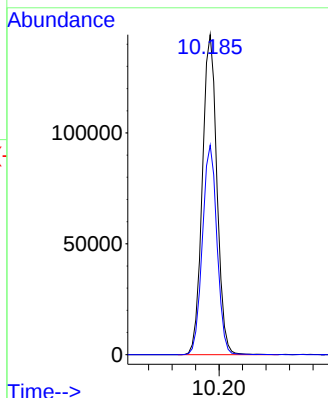
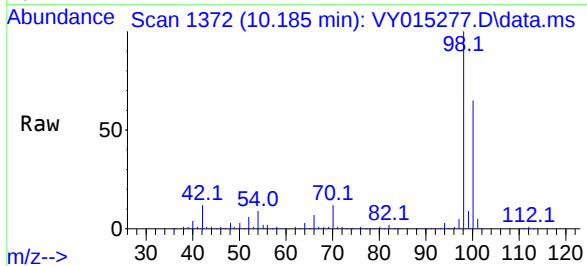




#50
Toluene-d8
Concen: 49.891 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015277.D
Acq: 23 Aug 2023 04:33

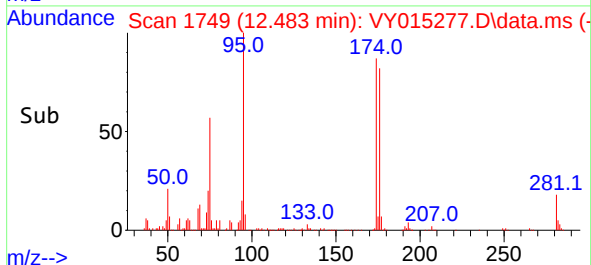
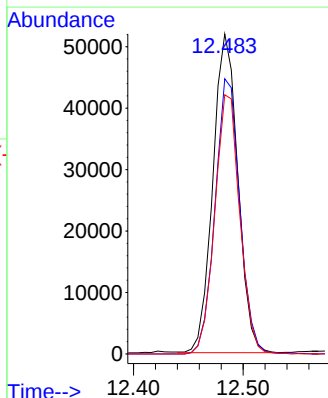
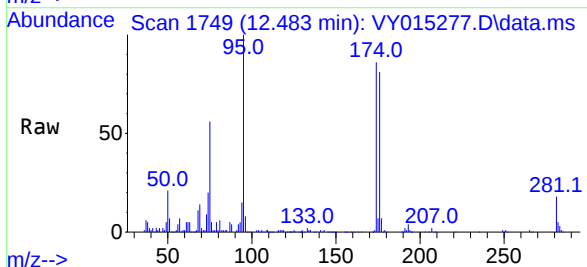
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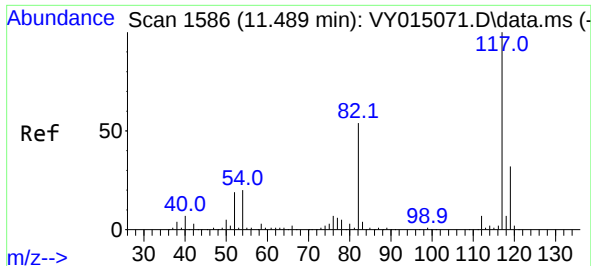
Tgt Ion: 98 Resp: 248569
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.085 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015277.D
Acq: 23 Aug 2023 04:33

Tgt Ion: 95 Resp: 82043
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 81.4 0.0 173.8

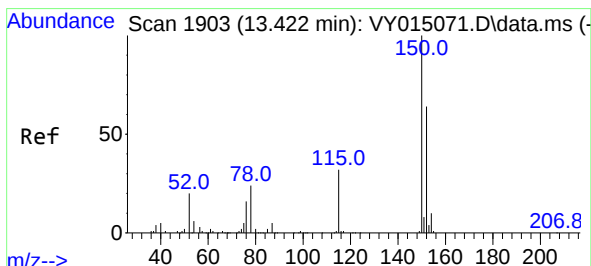
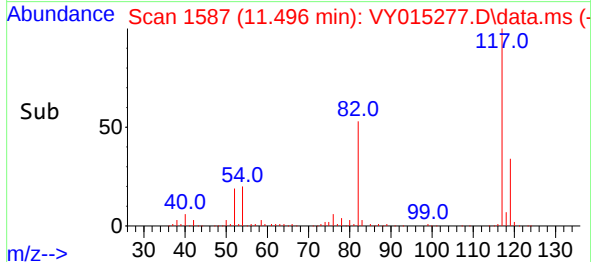
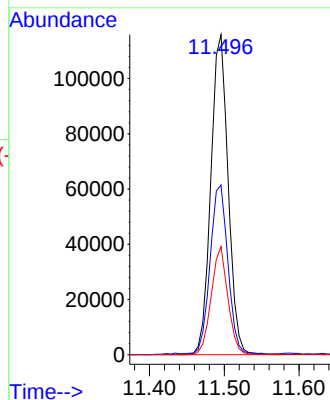
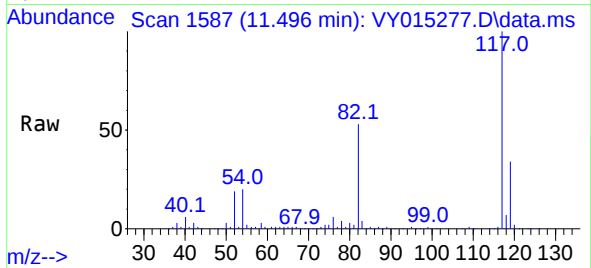




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015277.D
Acq: 23 Aug 2023 04:33

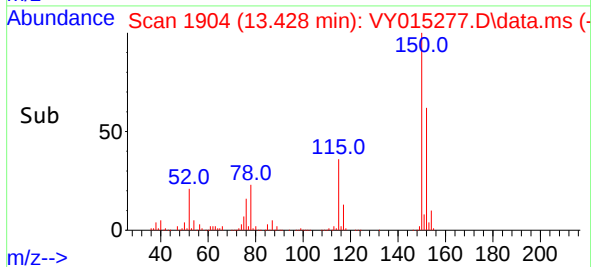
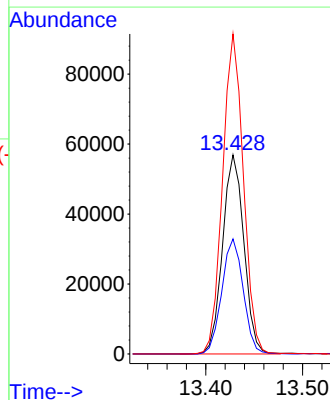
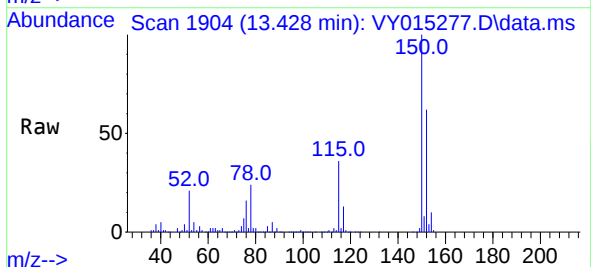
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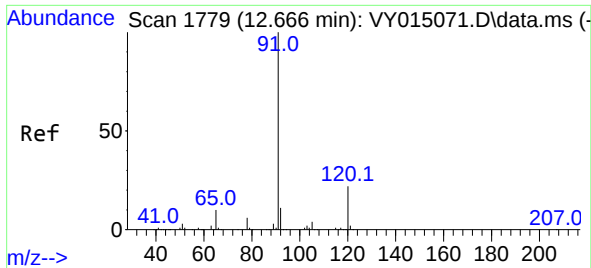
Tgt Ion:117 Resp: 186758
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 33.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015277.D
Acq: 23 Aug 2023 04:33

Tgt Ion:152 Resp: 86937
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 157.4 0.0 348.8





#78

n-propylbenzene

Concen: 1.490 ug/l

RT: 12.672 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015277.D

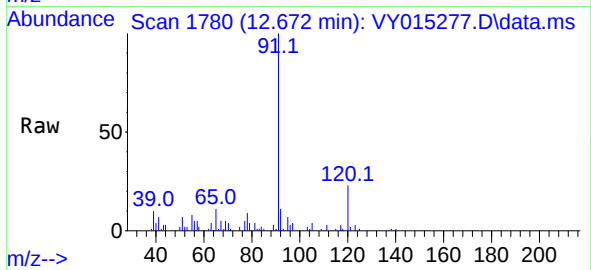
Acq: 23 Aug 2023 04:33

Instrument :

MSVOA_Y

ClientSampleId :

DUP-1



Tgt Ion: 91 Resp: 9892

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4

