

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015274.D
 Acq On : 23 Aug 2023 03:23
 Operator : SY/MD
 Sample : 04110-17
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24(4-5)

Quant Time: Aug 23 05:00:50 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)

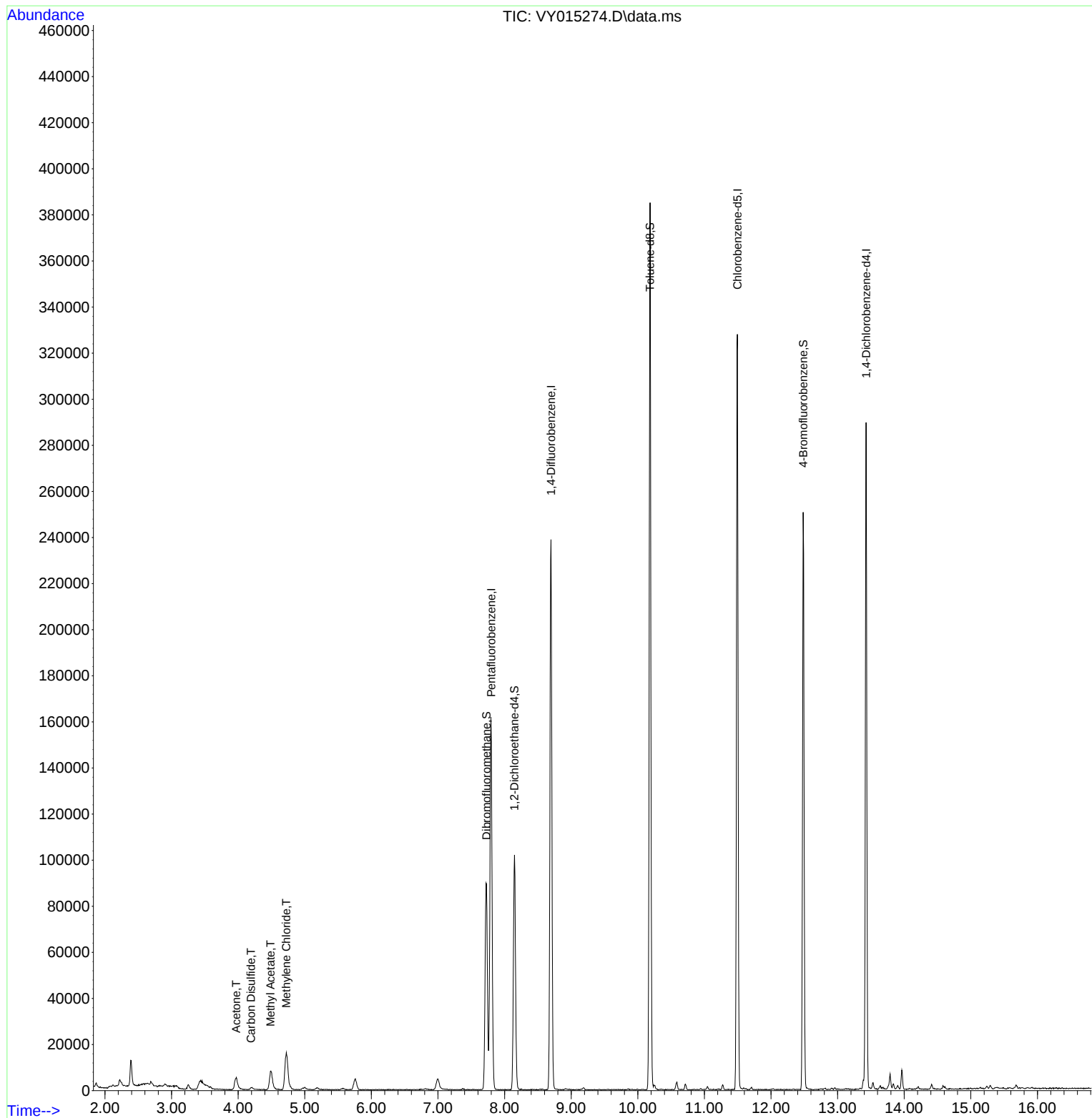
Internal Standards						
1) Pentafluorobenzene	7.801	168	125145	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	205641	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	178754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80036	53.277	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.560%	
35) Dibromofluoromethane	7.728	113	64485	48.743	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.480%	
50) Toluene-d8	10.185	98	240587	48.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.700%	
62) 4-Bromofluorobenzene	12.483	95	70709	39.310	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.620%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	10200	20.784	ug/l #	88
17) Carbon Disulfide	4.192	76	1972	1.287	ug/l #	94
18) Methyl Acetate	4.485	43	16962	9.432	ug/l	96
20) Methylene Chloride	4.722	84	12425	6.829	ug/l	93

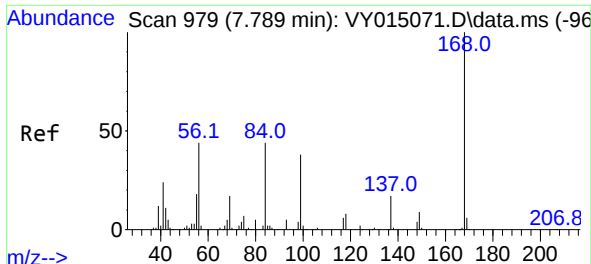
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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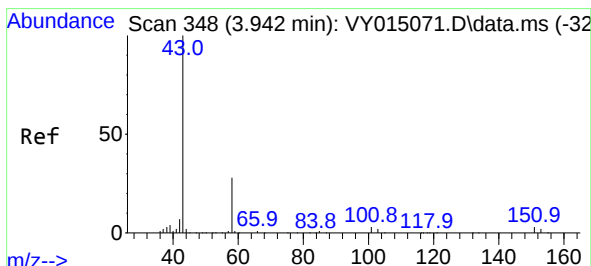
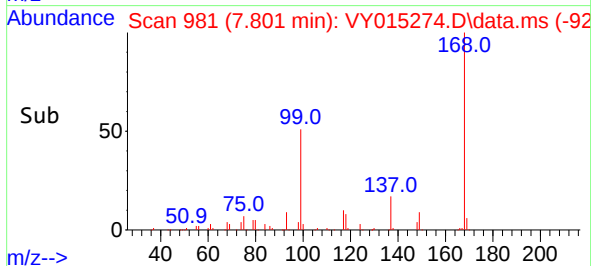
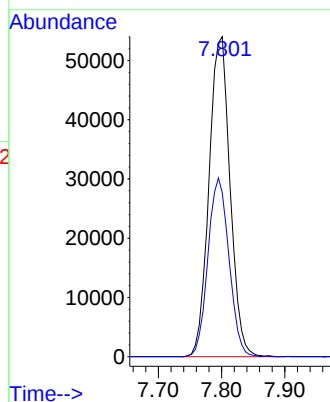
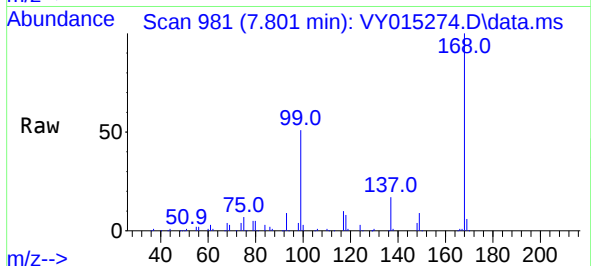




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

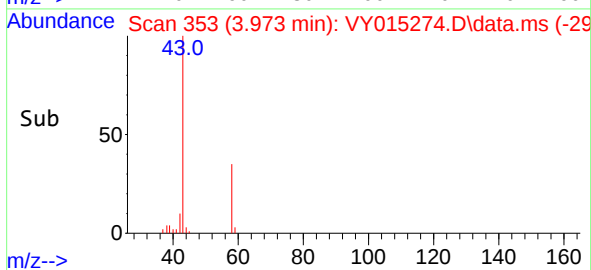
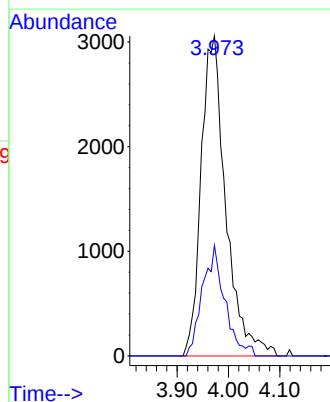
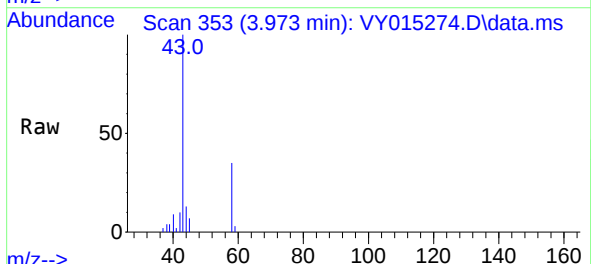
Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

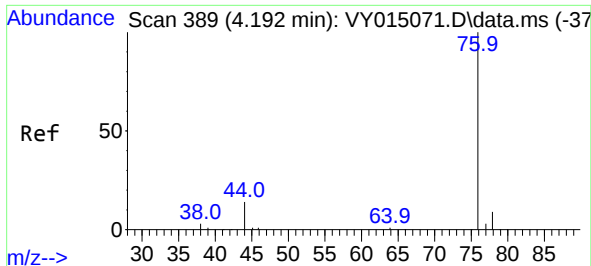
Tgt Ion:168 Resp: 125145
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#16
Acetone
Concen: 20.784 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 43 Resp: 10200
Ion Ratio Lower Upper
43 100
58 34.6 22.7 34.1#

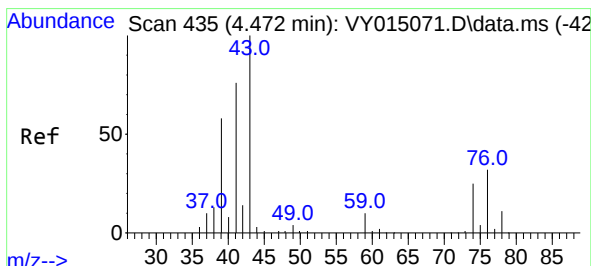
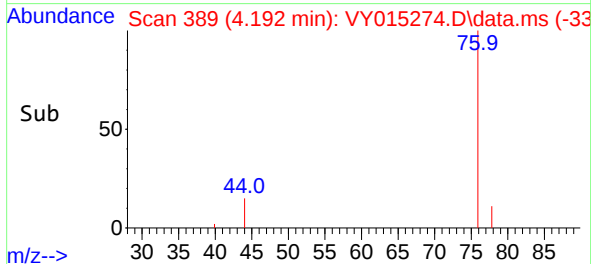
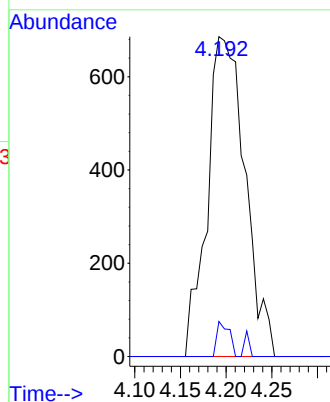
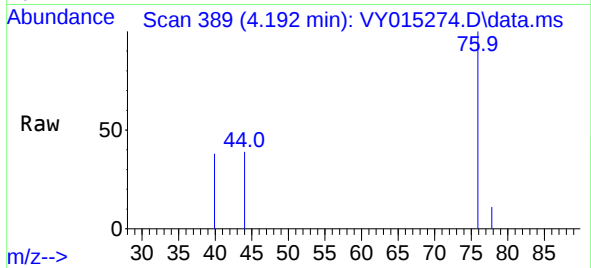




#17
Carbon Disulfide
Concen: 1.287 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

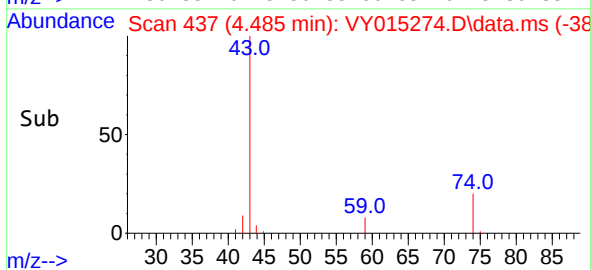
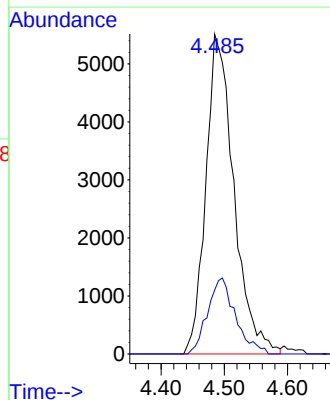
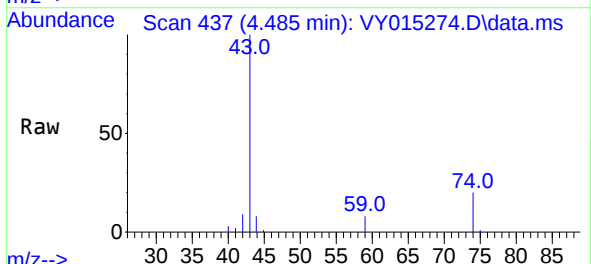
Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

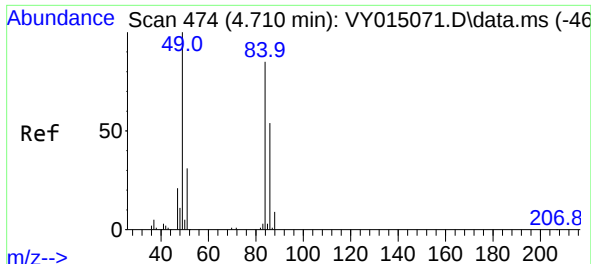
Tgt Ion: 76 Resp: 1972
Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.4#



#18
Methyl Acetate
Concen: 9.432 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 43 Resp: 16962
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0



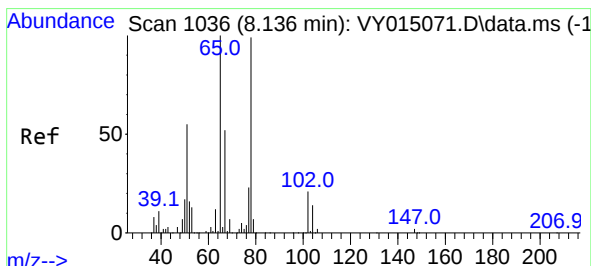
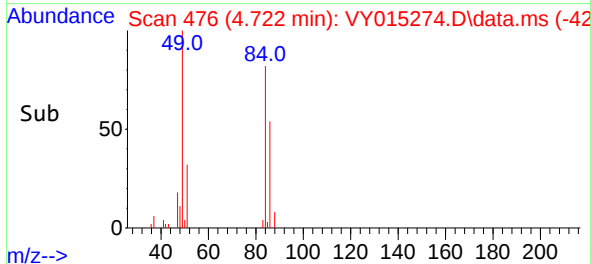
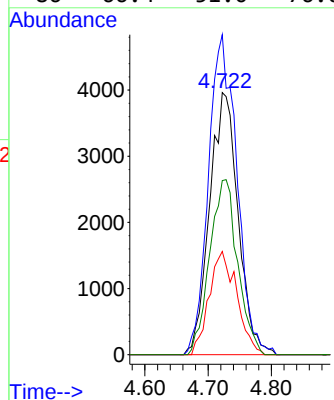
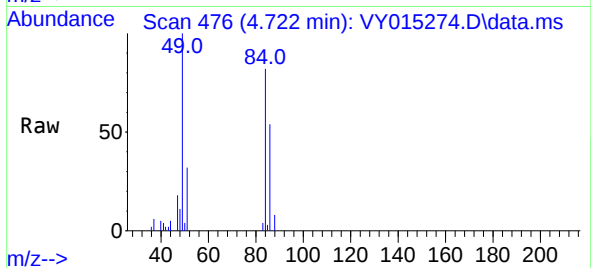


#20
Methylene Chloride
Concen: 6.829 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

Tgt Ion: 84 Resp: 12425

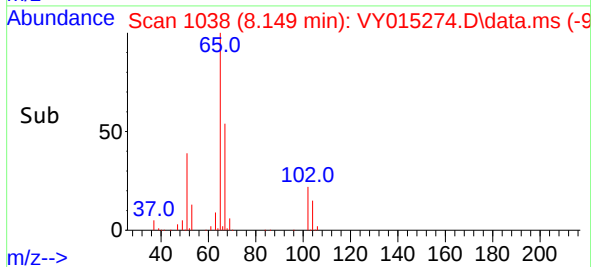
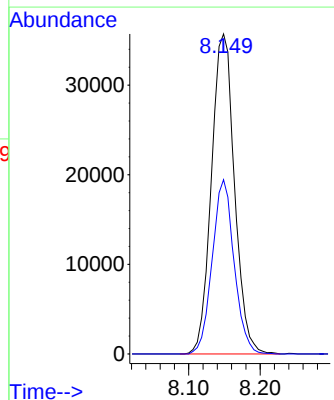
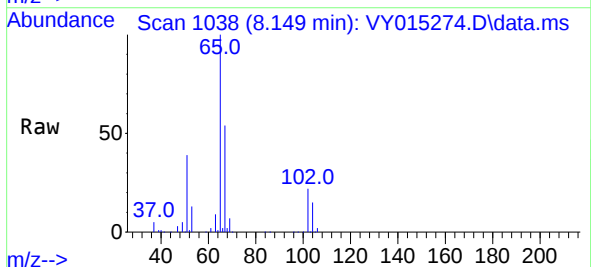
Ion	Ratio	Lower	Upper
84	100		
49	122.1	106.9	160.3
51	39.4	33.2	49.8
86	66.4	51.0	76.6

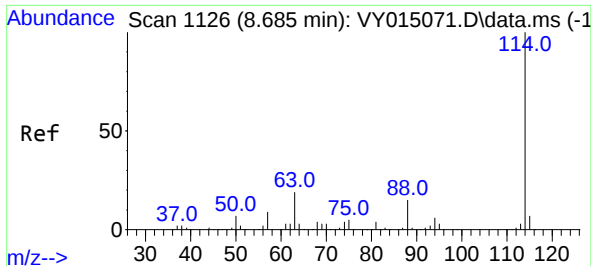


#33
1,2-Dichloroethane-d4
Concen: 53.277 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 65 Resp: 80036

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.8

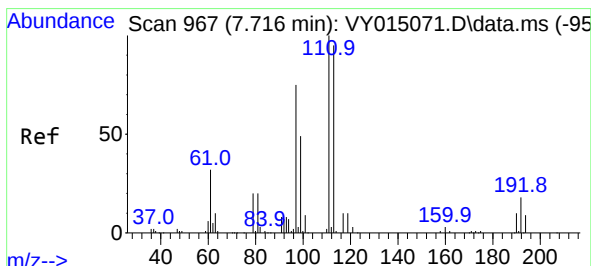
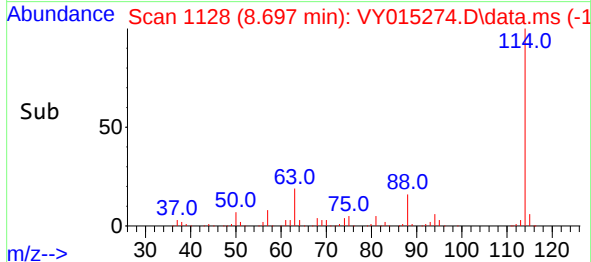
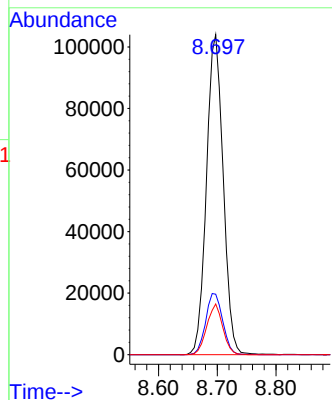
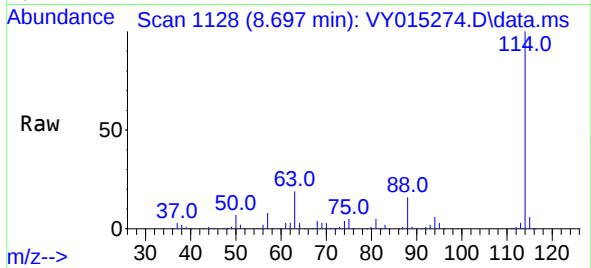




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

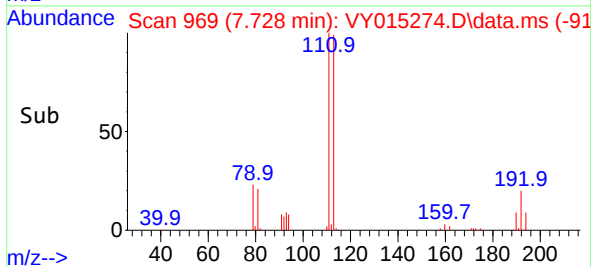
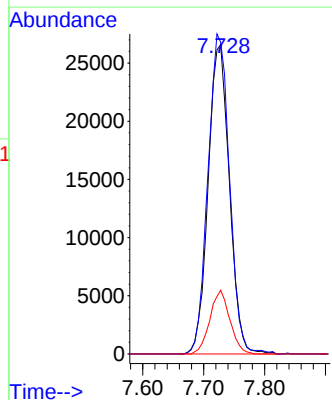
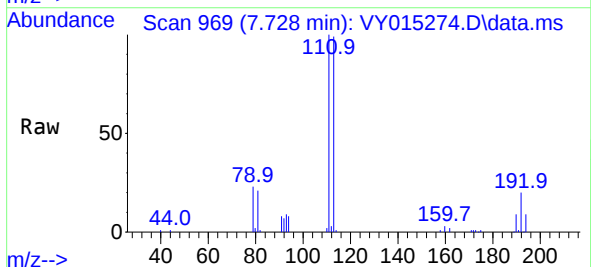
Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

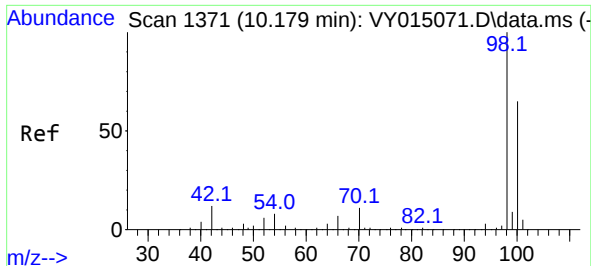
Tgt Ion:114 Resp: 205641
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.743 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion:113 Resp: 64485
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 19.3 16.9 25.3

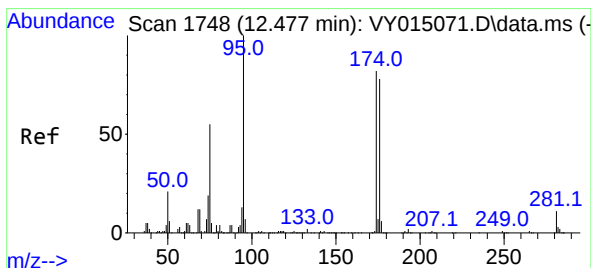
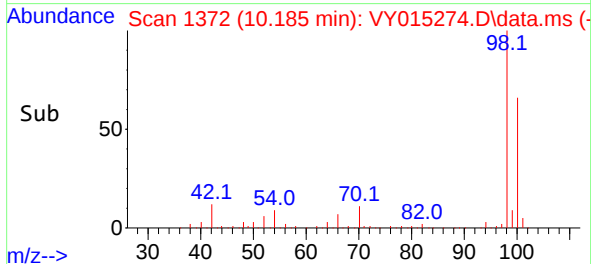
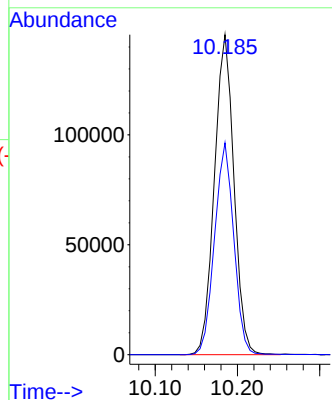
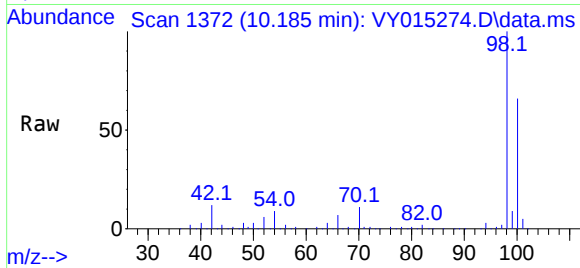




#50
Toluene-d8
Concen: 48.852 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

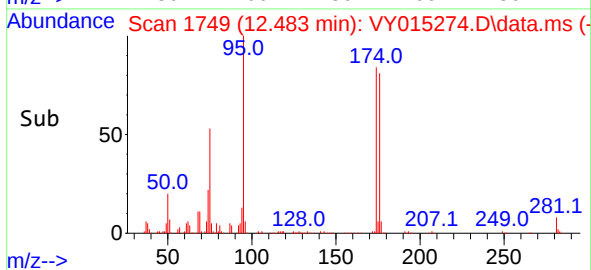
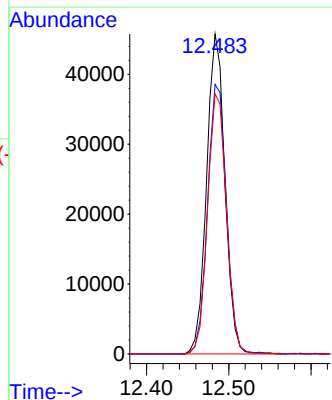
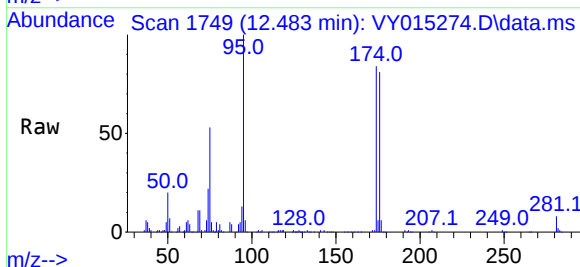
Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

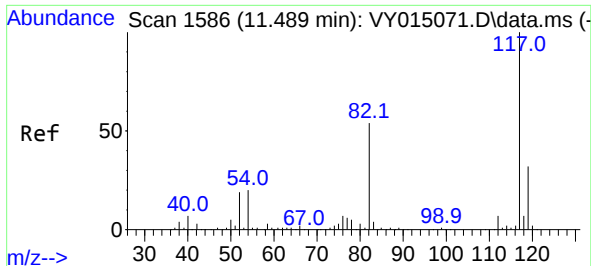
Tgt Ion: 98 Resp: 240587
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.310 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 95 Resp: 70709
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 83.9 0.0 173.8

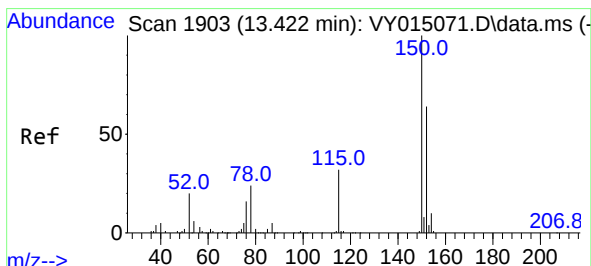
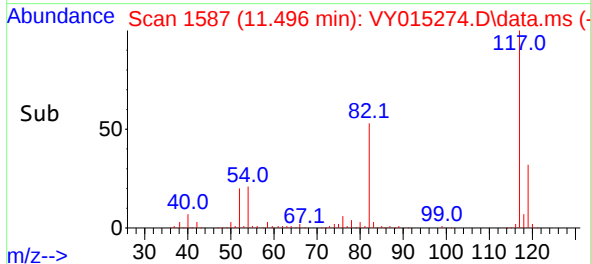
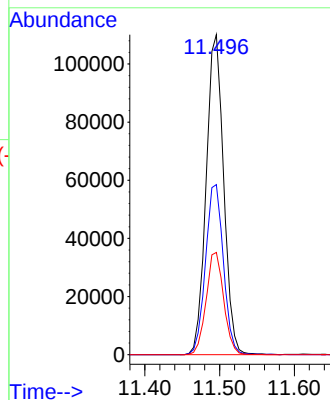
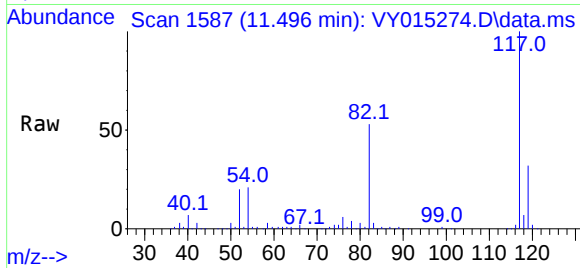




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

Tgt Ion:117 Resp: 178754
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.0 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: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion:152 Resp: 72227
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 155.9 0.0 348.8

