

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015270.D
 Acq On : 23 Aug 2023 01:49
 Operator : SY/MD
 Sample : 04110-11
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12(5-7)

Quant Time: Aug 23 04:59:29 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)

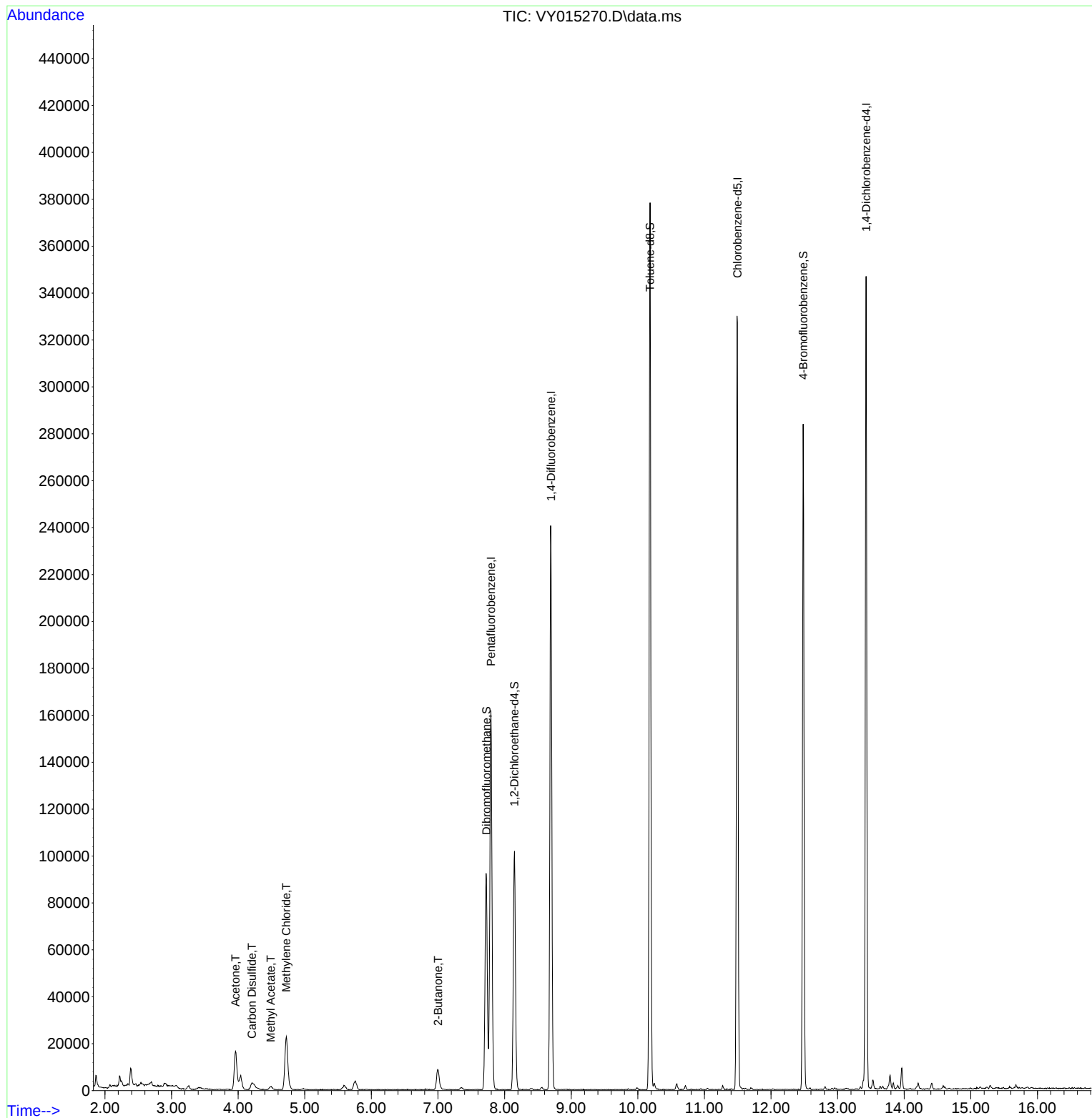
Internal Standards						
1) Pentafluorobenzene	7.795	168	126562	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	204820	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	182992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80193	52.784	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.560%	
35) Dibromofluoromethane	7.728	113	64485	48.938	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.880%	
50) Toluene-d8	10.185	98	240952	49.122	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.240%	
62) 4-Bromofluorobenzene	12.483	95	78200	43.648	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.300%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	31108	62.678	ug/l	93
17) Carbon Disulfide	4.204	76	3838	2.476	ug/l #	95
18) Methyl Acetate	4.491	43	2854	1.569	ug/l	93
20) Methylene Chloride	4.722	84	17141	11.038	ug/l #	82
25) 2-Butanone	7.003	43	15366	21.866	ug/l	96

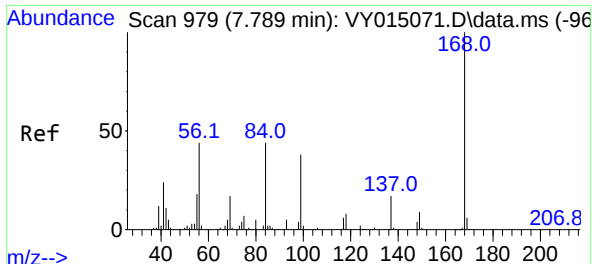
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-12(5-7)

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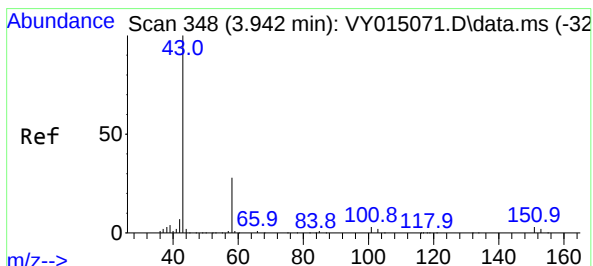
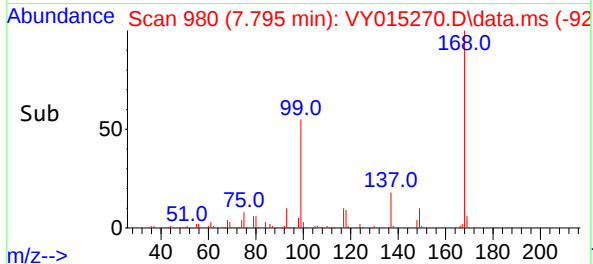
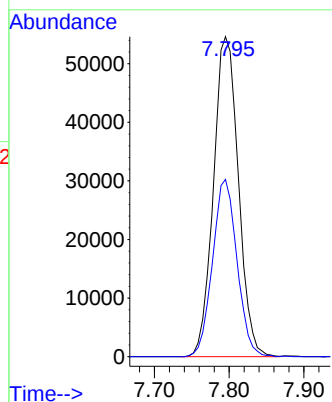
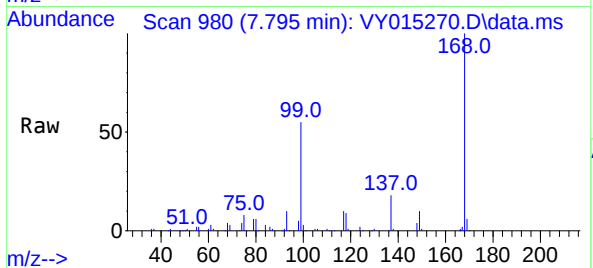




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015270.D
Acq: 23 Aug 2023 01:49

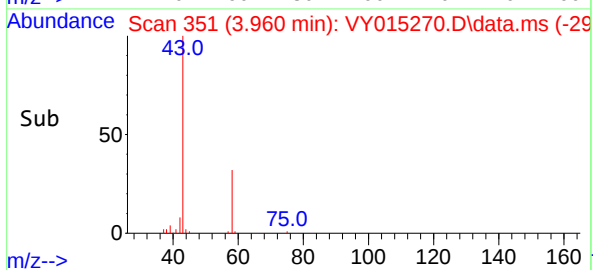
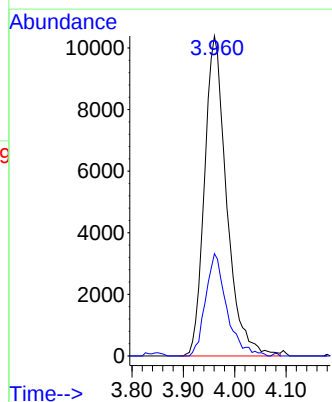
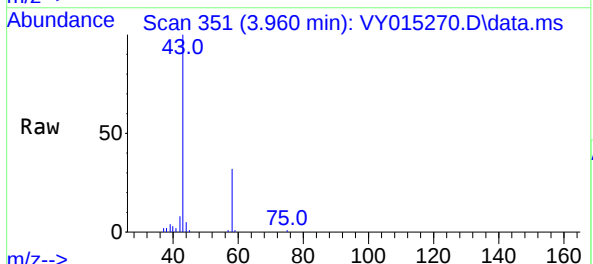
Instrument :
MSVOA_Y
ClientSampleId :
TP-12(5-7)

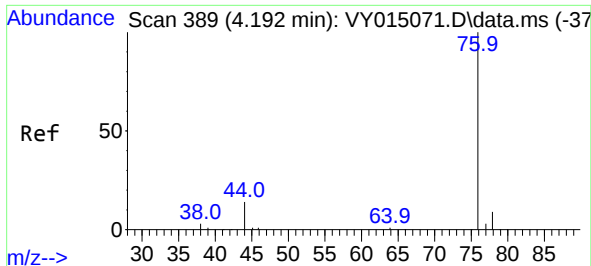
Tgt Ion:168 Resp: 126562
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#16
Acetone
Concen: 62.678 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015270.D
Acq: 23 Aug 2023 01:49

Tgt Ion: 43 Resp: 31108
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1

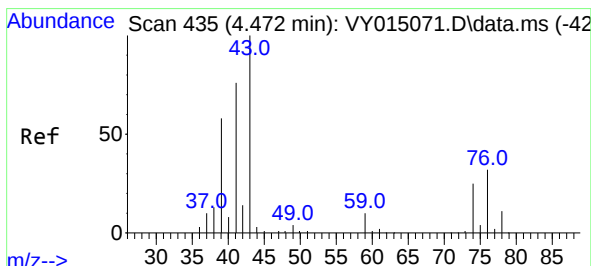
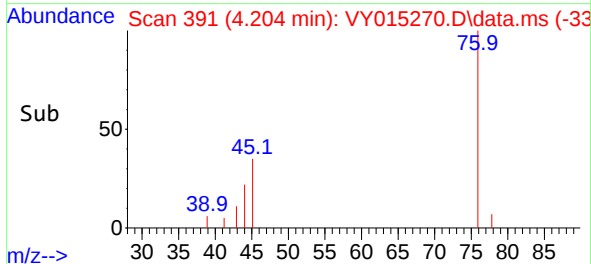
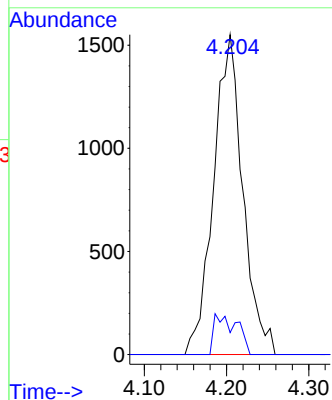
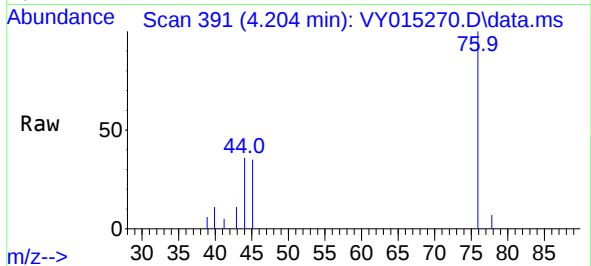




#17
Carbon Disulfide
Concen: 2.476 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015270.D
Acq: 23 Aug 2023 01:49

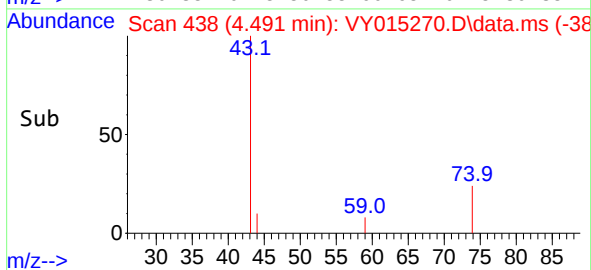
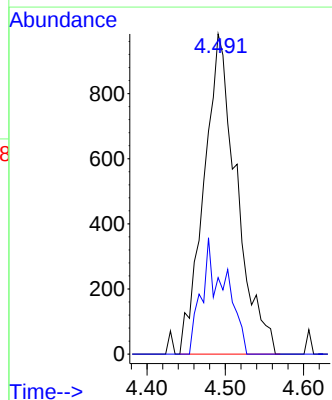
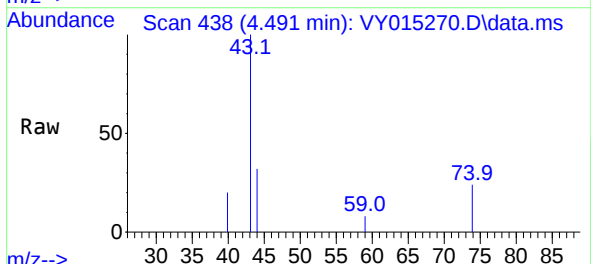
Instrument :
MSVOA_Y
ClientSampleId :
TP-12(5-7)

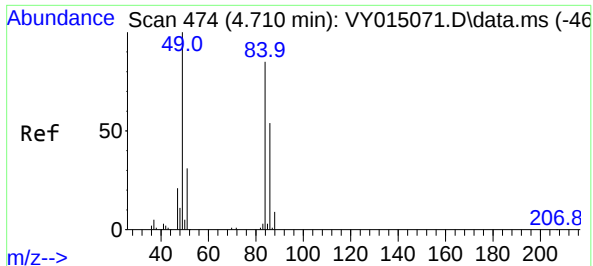
Tgt Ion: 76 Resp: 3838
Ion Ratio Lower Upper
76 100
78 6.9 7.0 10.4#



#18
Methyl Acetate
Concen: 1.569 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.025 min
Lab File: VY015270.D
Acq: 23 Aug 2023 01:49

Tgt Ion: 43 Resp: 2854
Ion Ratio Lower Upper
43 100
74 18.3 17.4 26.0



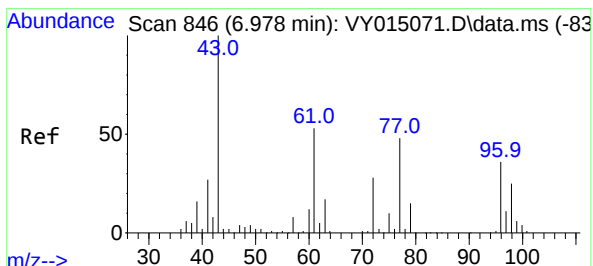
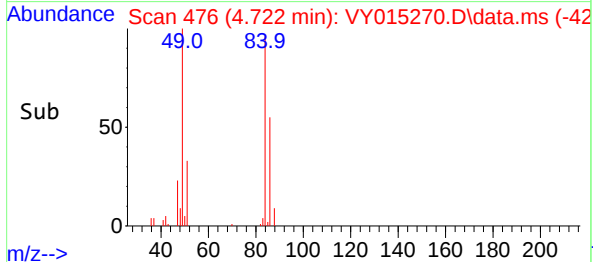
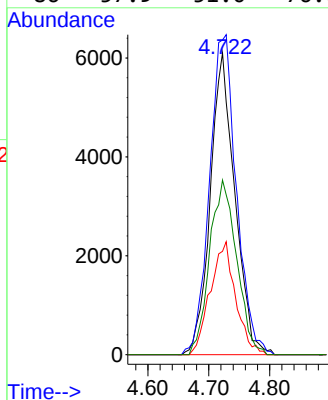
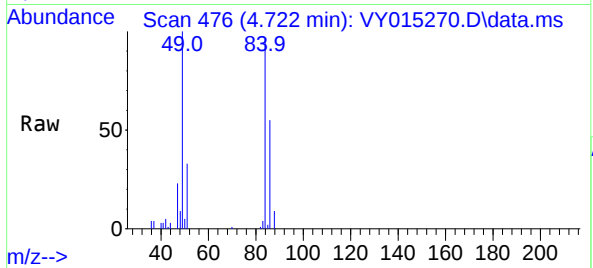


#20
Methylene Chloride
Concen: 11.038 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015270.D
Acq: 23 Aug 2023 01:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-12(5-7)

Tgt Ion: 84 Resp: 17141

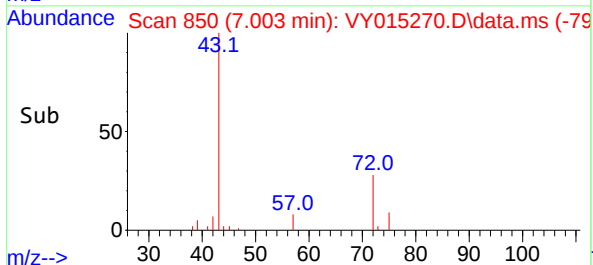
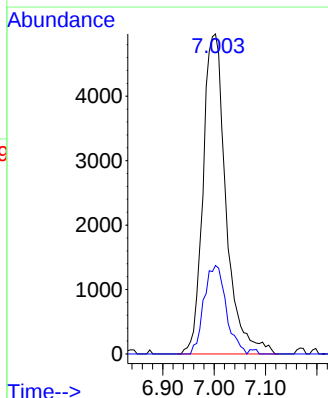
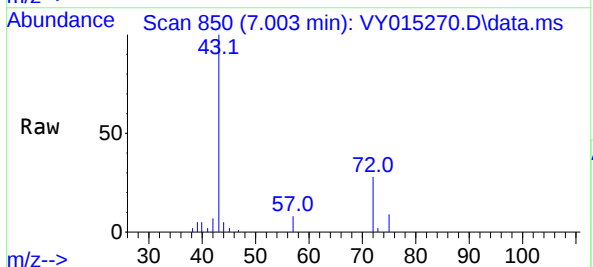
Ion	Ratio	Lower	Upper
84	100		
49	104.3	106.9	160.3#
51	34.3	33.2	49.8
86	57.9	51.0	76.6

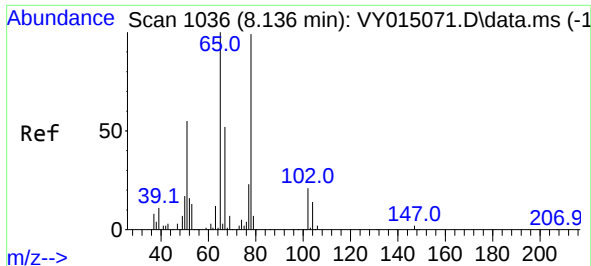


#25
2-Butanone
Concen: 21.866 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.024 min
Lab File: VY015270.D
Acq: 23 Aug 2023 01:49

Tgt Ion: 43 Resp: 15366

Ion	Ratio	Lower	Upper
43	100		
72	27.6	20.5	30.7





#33

1,2-Dichloroethane-d4

Concen: 52.784 ug/l

RT: 8.149 min Scan# 1036

Delta R.T. 0.012 min

Lab File: VY015270.D

Acq: 23 Aug 2023 01:49

Instrument :

MSVOA_Y

ClientSampleId :

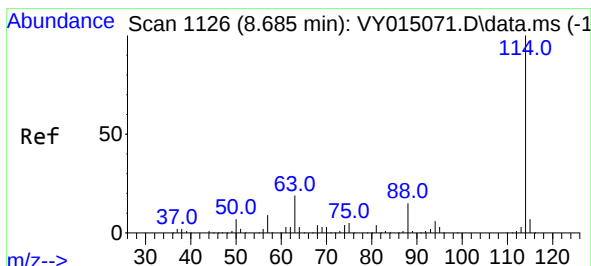
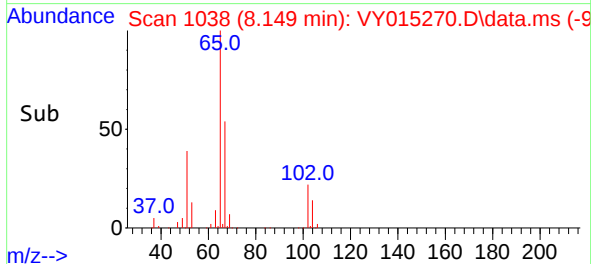
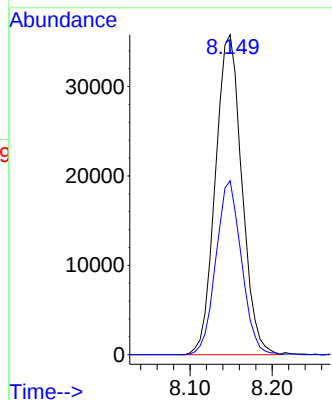
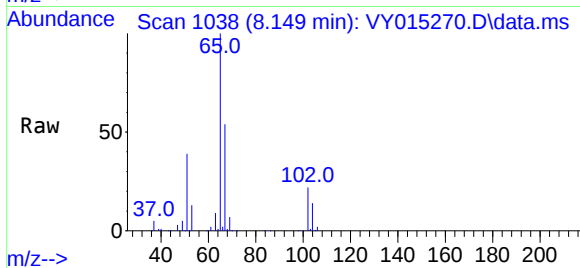
TP-12(5-7)

Tgt Ion: 65 Resp: 80193

Ion Ratio Lower Upper

65 100

67 52.4 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: VY015270.D

Acq: 23 Aug 2023 01:49

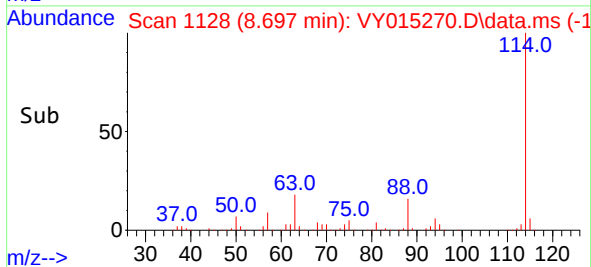
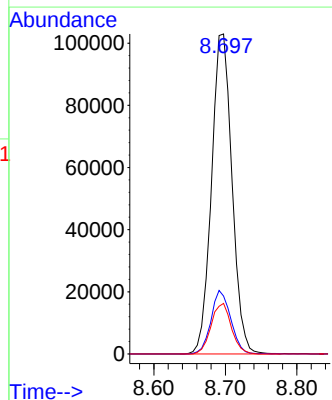
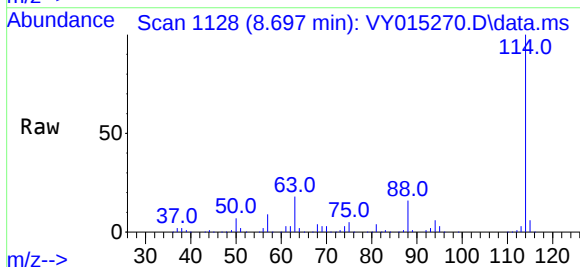
Tgt Ion: 114 Resp: 204820

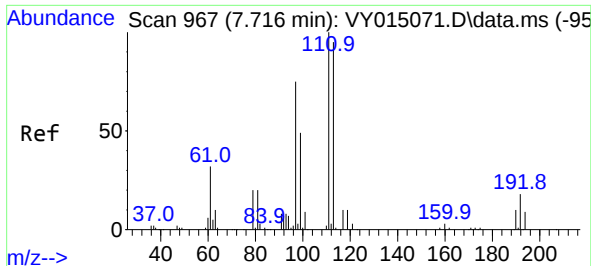
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

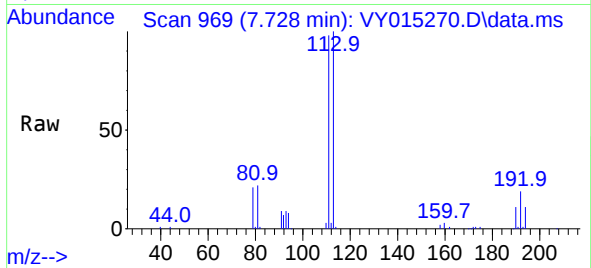
88 15.8 0.0 30.6



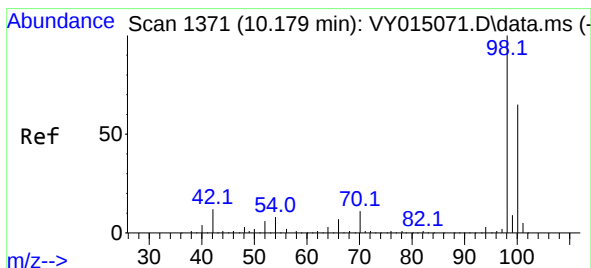
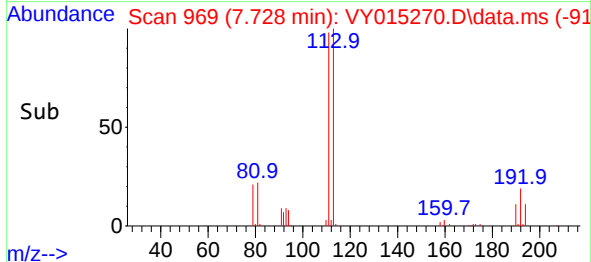
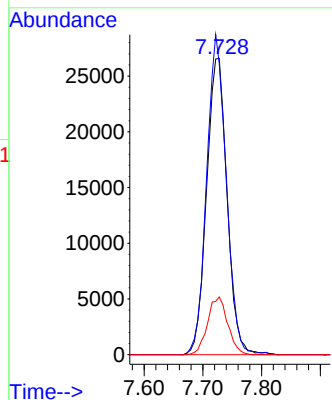


#35
Dibromofluoromethane
Concen: 48.938 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015270.D
Acq: 23 Aug 2023 01:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-12(5-7)

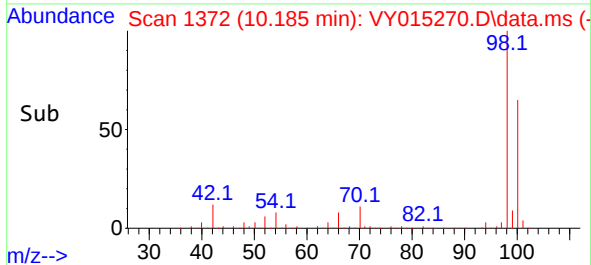
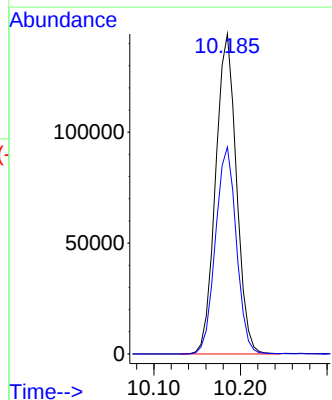
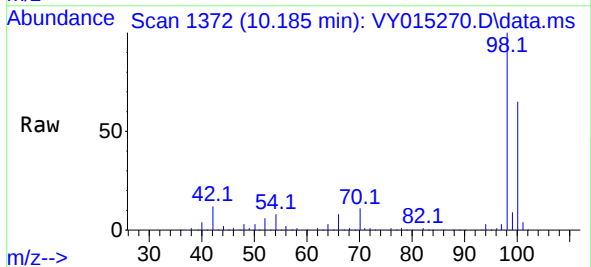


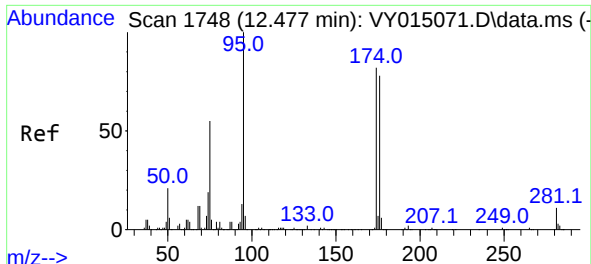
Tgt Ion:113 Resp: 64485
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 49.122 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015270.D
Acq: 23 Aug 2023 01:49

Tgt Ion: 98 Resp: 240952
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

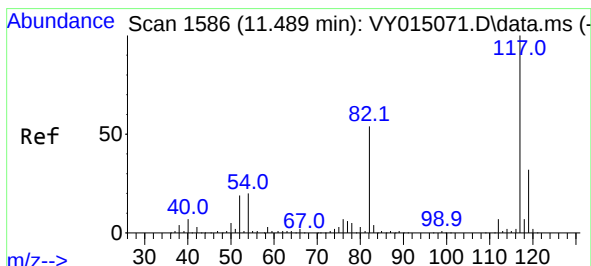
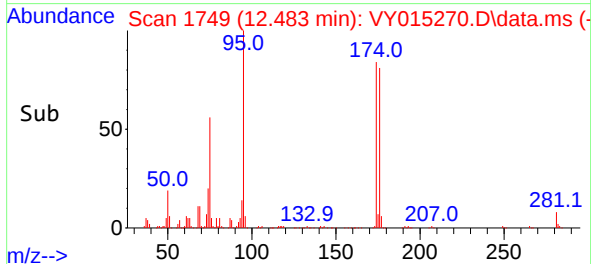
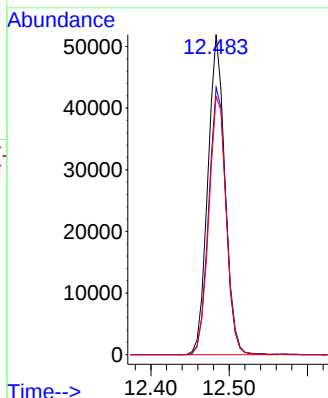
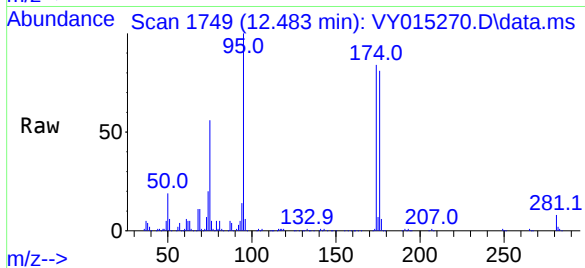




#62
4-Bromofluorobenzene
Concen: 43.648 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015270.D
Acq: 23 Aug 2023 01:49

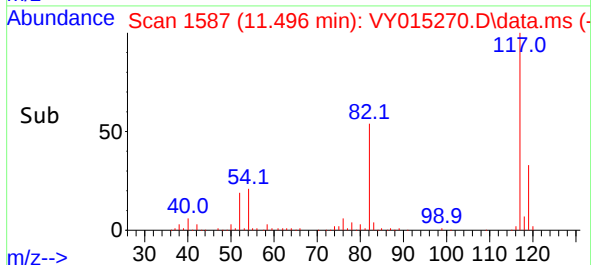
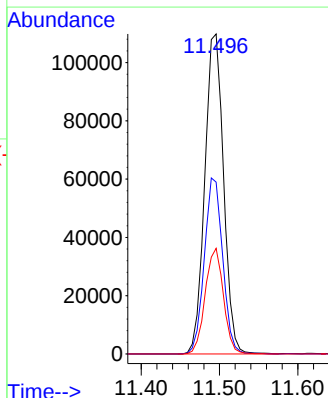
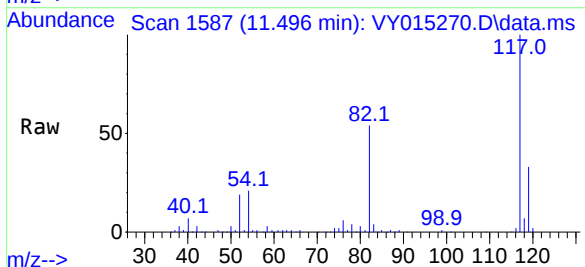
Instrument :
MSVOA_Y
ClientSampleId :
TP-12(5-7)

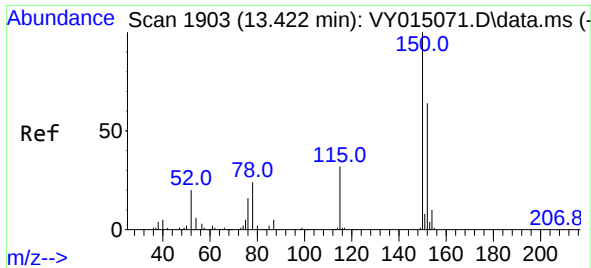
Tgt Ion: 95 Resp: 78200
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015270.D
Acq: 23 Aug 2023 01:49

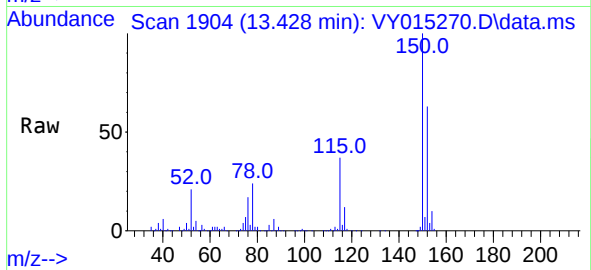
Tgt Ion: 117 Resp: 182992
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 33.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015270.D
 Acq: 23 Aug 2023 01:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12(5-7)



Tgt Ion:152 Resp: 85052
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.8 86.5
 150 157.9 0.0 348.8

