

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013785.D
 Acq On : 17 May 2023 18:47
 Operator : KP/MD
 Sample : 02812-10
 Misc : 6.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WG-0516-BD

Quant Time: May 18 07:17:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

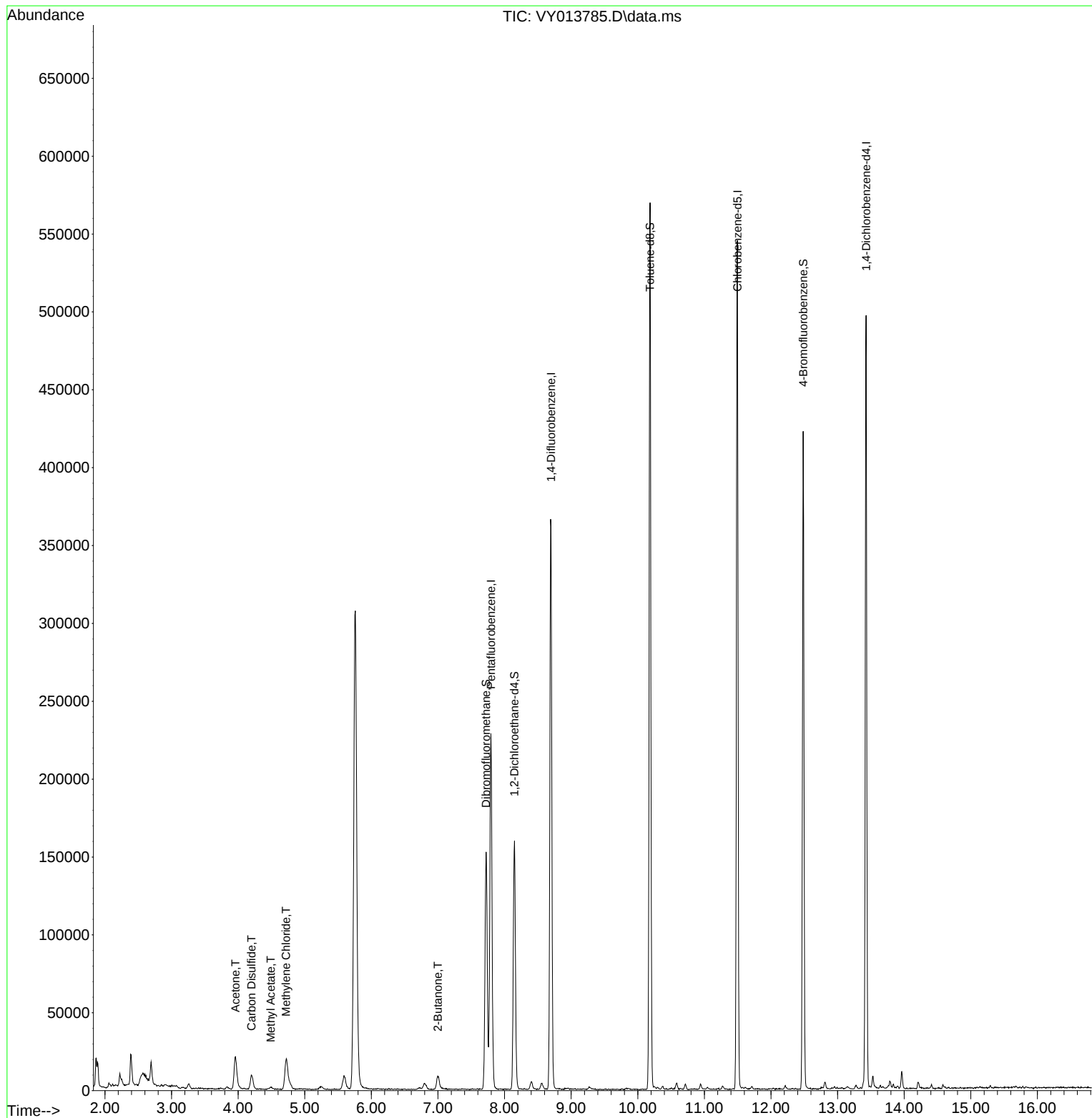
Internal Standards						
1) Pentafluorobenzene	7.795	168	174122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	287625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128892	63.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.440%
35) Dibromofluoromethane	7.722	113	105826	54.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.800%
50) Toluene-d8	10.185	98	365224	49.519	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.483	95	117121	47.808	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.620%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	40040	65.611	ug/l	99
17) Carbon Disulfide	4.198	76	18734	4.462	ug/l	99
18) Methyl Acetate	4.491	43	2763	1.299	ug/l	100
20) Methylene Chloride	4.716	84	13865	1.595	ug/l	93
25) 2-Butanone	6.996	43	14936	18.827	ug/l	97

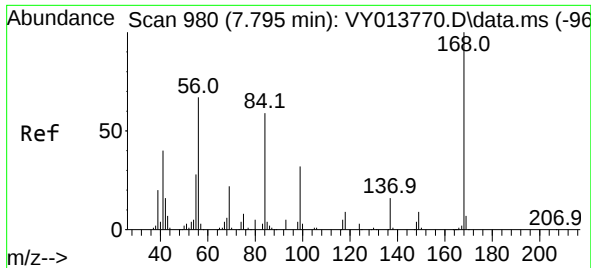
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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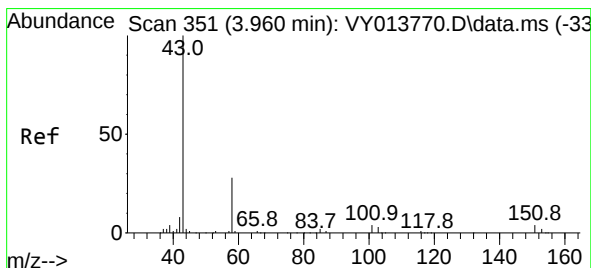
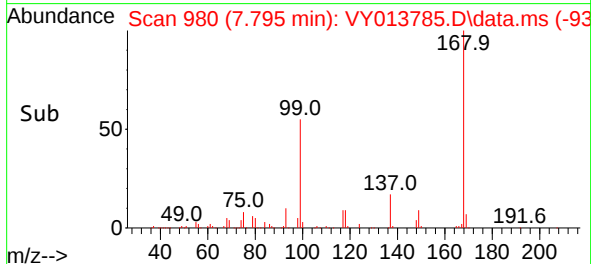
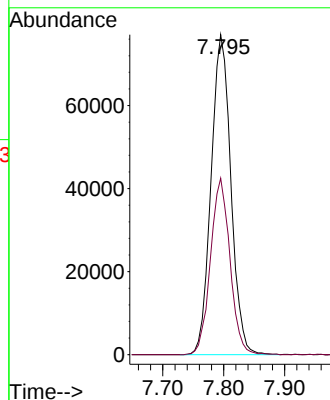
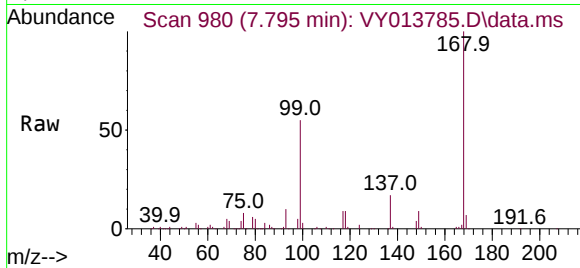




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY013785.D
Acq: 17 May 2023 18:47

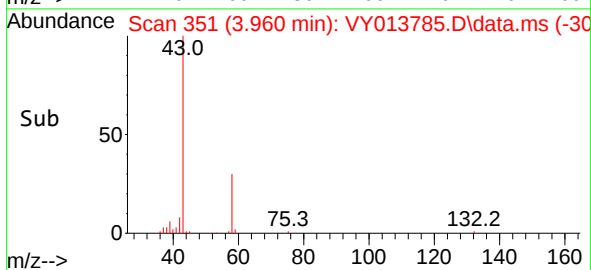
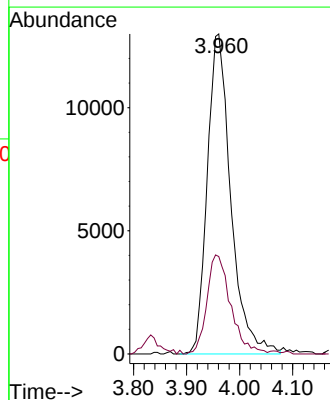
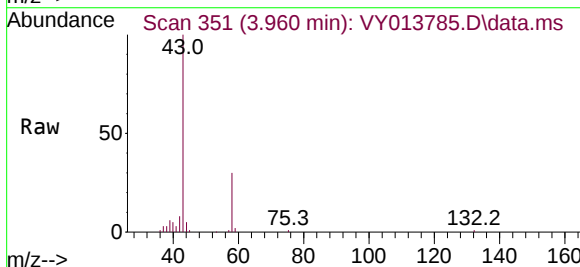
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-BD

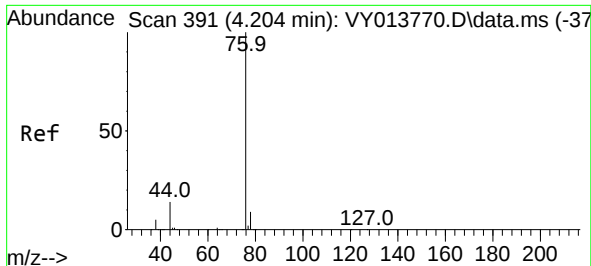
Tgt Ion:168 Resp: 174122
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#16
Acetone
Concen: 65.611 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013785.D
Acq: 17 May 2023 18:47

Tgt Ion: 43 Resp: 40040
Ion Ratio Lower Upper
43 100
58 30.0 23.7 35.5

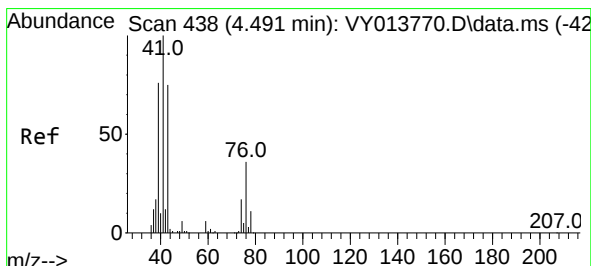
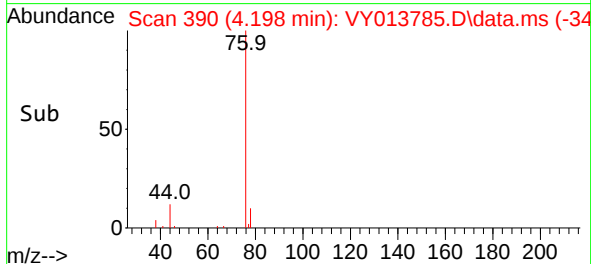
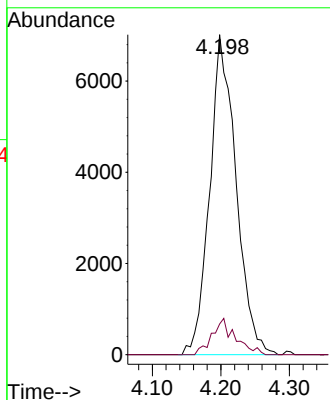
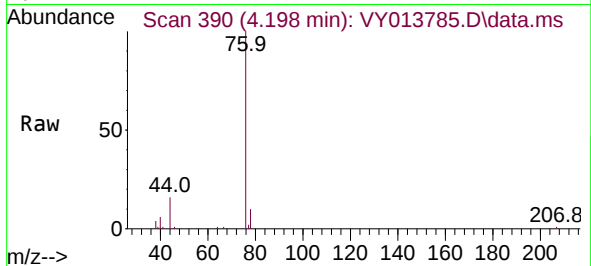




#17
Carbon Disulfide
Concen: 4.462 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013785.D
Acq: 17 May 2023 18:47

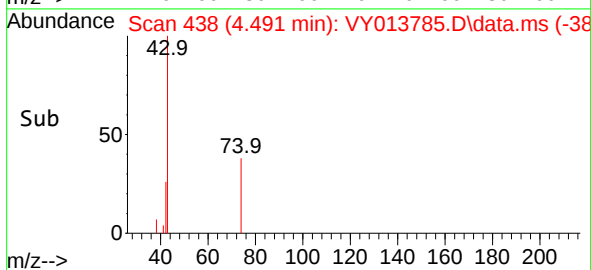
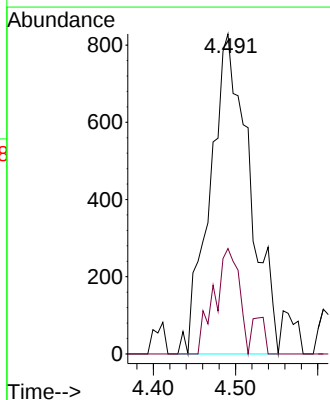
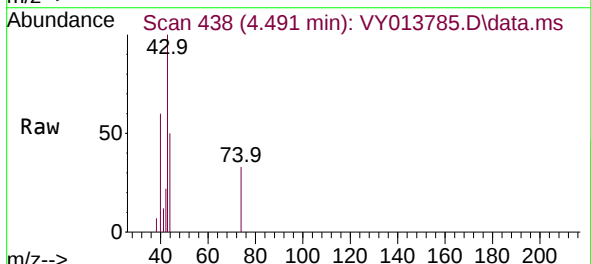
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-BD

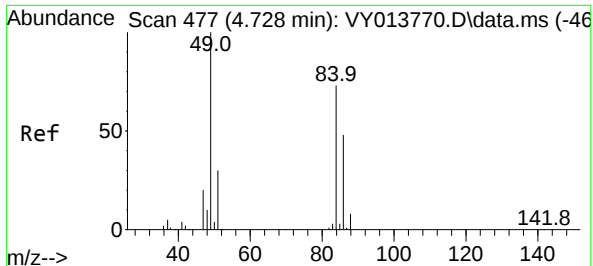
Tgt Ion: 76 Resp: 18734
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 1.299 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY013785.D
Acq: 17 May 2023 18:47

Tgt Ion: 43 Resp: 2763
Ion Ratio Lower Upper
43 100
74 20.6 16.6 25.0

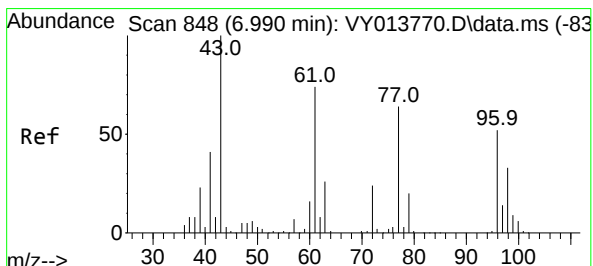
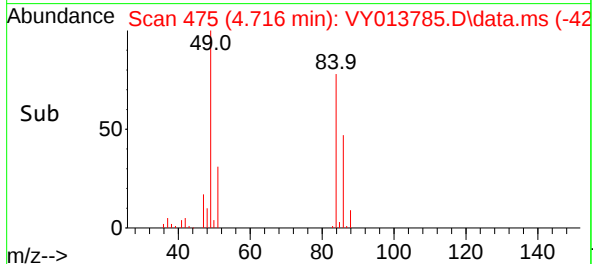
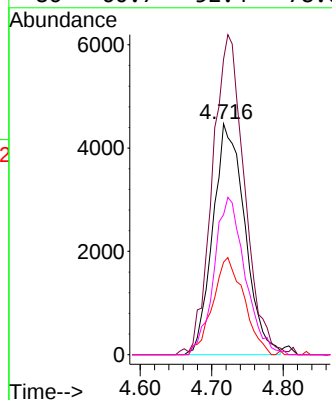
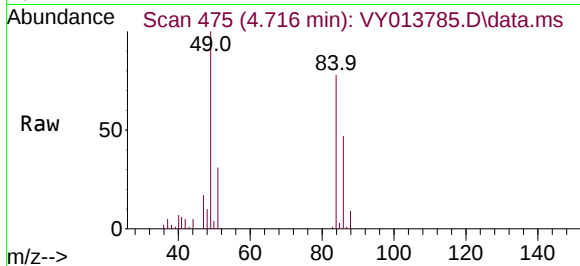




#20
Methylene Chloride
Concen: 1.595 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013785.D
Acq: 17 May 2023 18:47

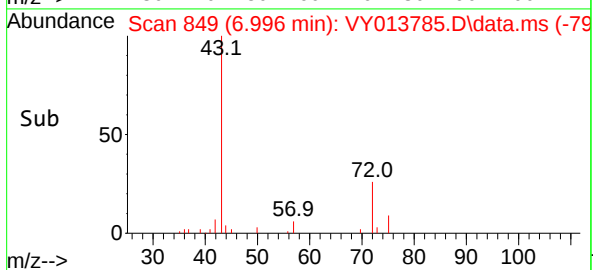
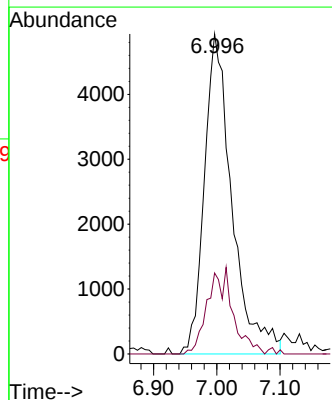
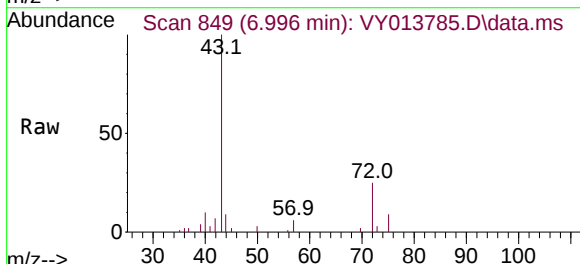
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-BD

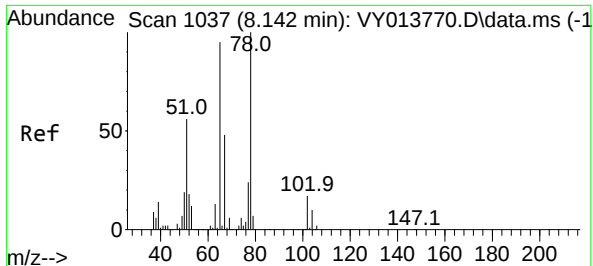
Tgt Ion:	84	Resp:	13865
Ion	Ratio	Lower	Upper
84	100		
49	126.4	109.4	164.0
51	40.1	32.8	49.2
86	60.7	52.4	78.6



#25
2-Butanone
Concen: 18.827 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY013785.D
Acq: 17 May 2023 18:47

Tgt Ion:	43	Resp:	14936
Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.0	28.6





#33

1,2-Dichloroethane-d4

Concen: 63.722 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013785.D

Acq: 17 May 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

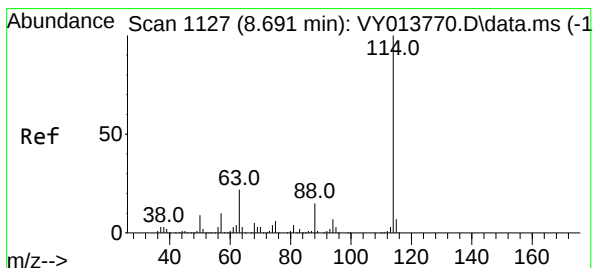
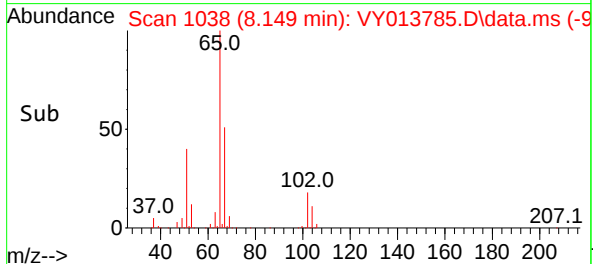
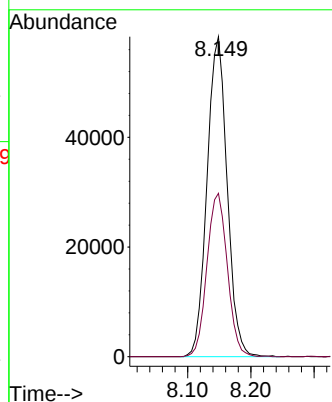
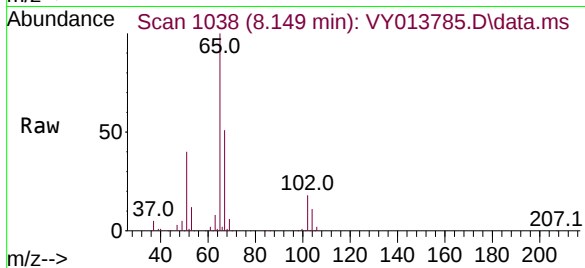
WG-0516-BD

Tgt Ion: 65 Resp: 128892

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY013785.D

Acq: 17 May 2023 18:47

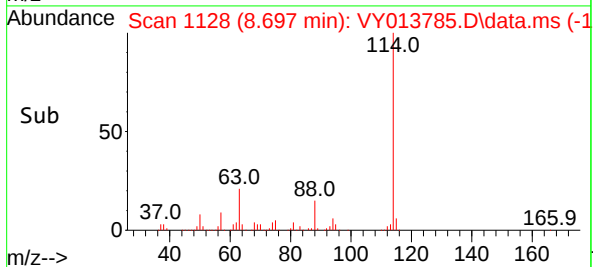
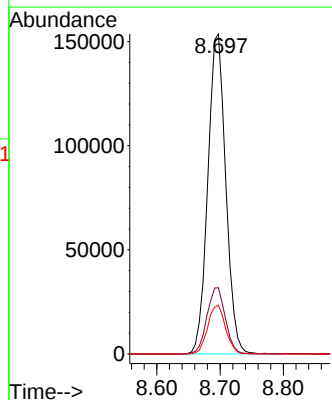
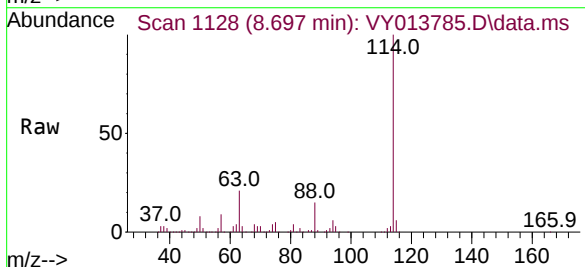
Tgt Ion: 114 Resp: 303380

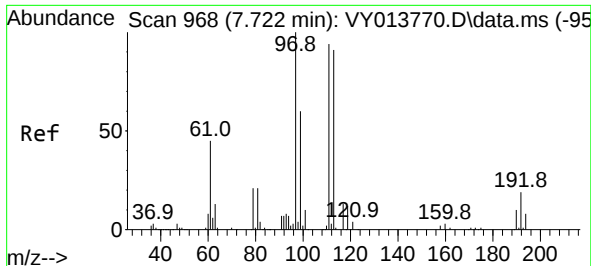
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

88 15.3 0.0 30.8

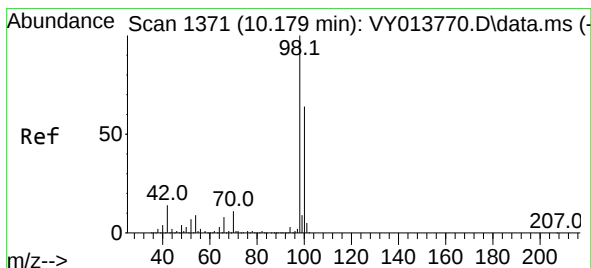
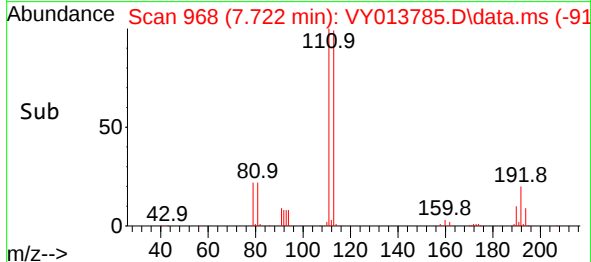
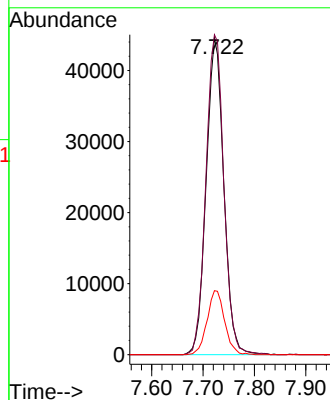
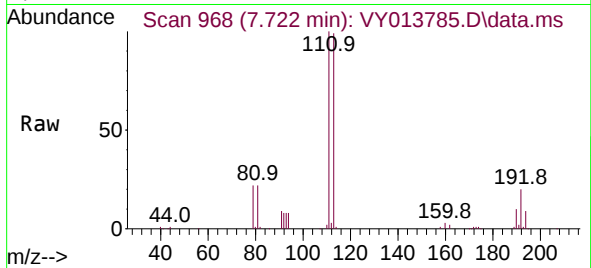




#35
Dibromofluoromethane
Concen: 54.397 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013785.D
Acq: 17 May 2023 18:47

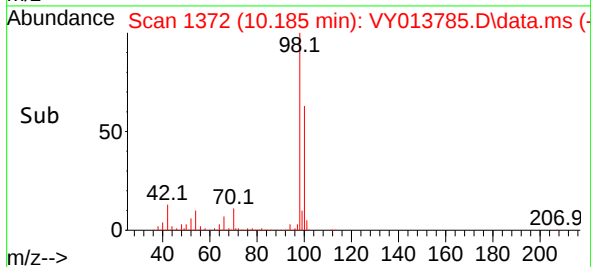
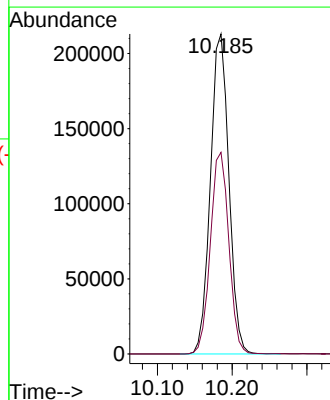
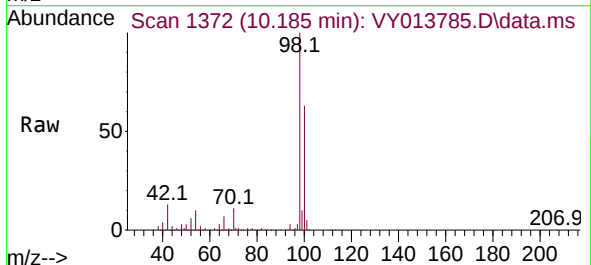
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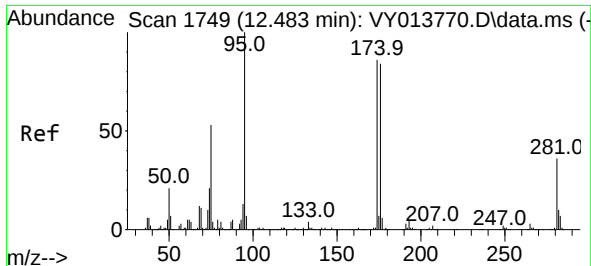
Tgt Ion:113 Resp: 105826
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 20.2 16.0 24.0



#50
Toluene-d8
Concen: 49.519 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY013785.D
Acq: 17 May 2023 18:47

Tgt Ion: 98 Resp: 365224
Ion Ratio Lower Upper
98 100
100 63.1 51.0 76.6

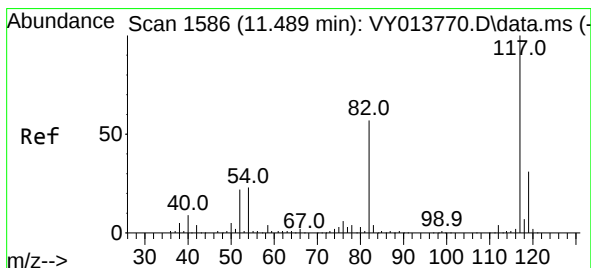
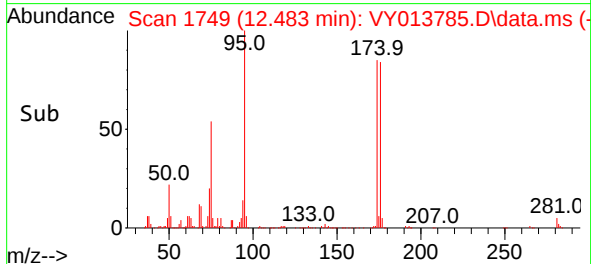
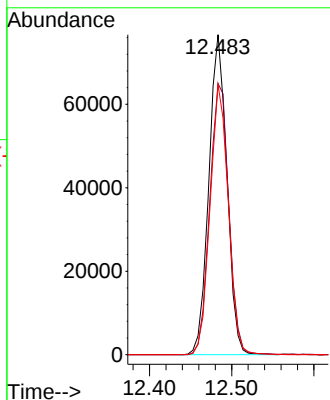
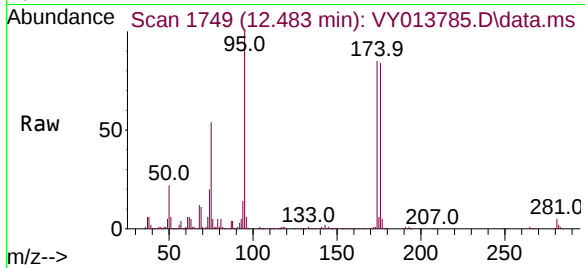




#62
4-Bromofluorobenzene
Concen: 47.808 ug/l
RT: 12.483 min Scan# 117121
Delta R.T. 0.000 min
Lab File: VY013785.D
Acq: 17 May 2023 18:47

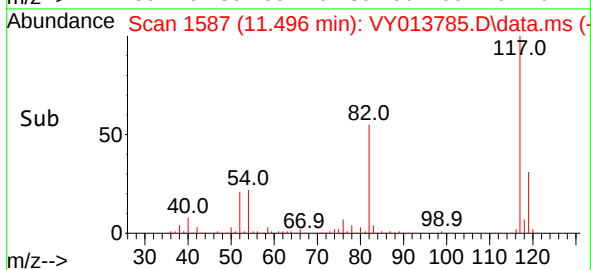
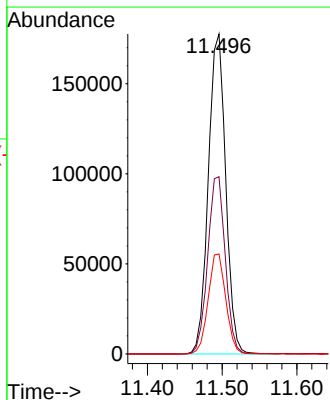
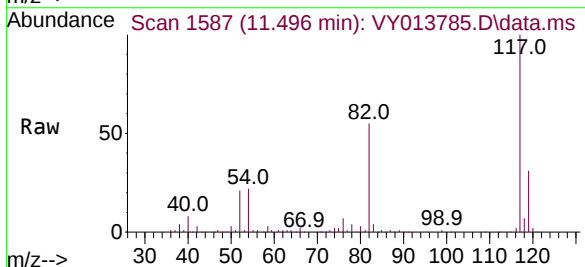
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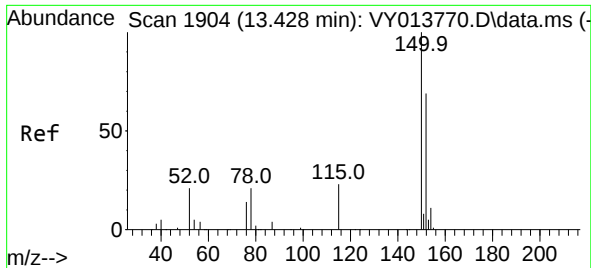
Tgt Ion: 95 Resp: 117121
Ion Ratio Lower Upper
95 100
174 89.5 0.0 168.8
176 85.2 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013785.D
Acq: 17 May 2023 18:47

Tgt Ion: 117 Resp: 287625
Ion Ratio Lower Upper
117 100
82 55.4 45.5 68.3
119 31.2 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013785.D

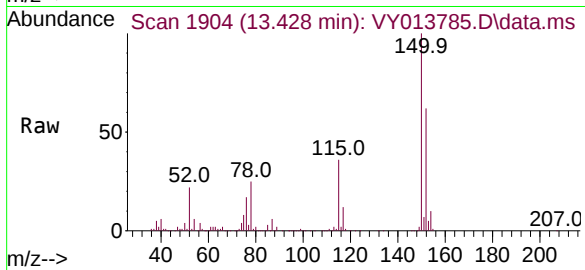
Acq: 17 May 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

WG-0516-BD



Tgt Ion:152 Resp: 122796

Ion Ratio Lower Upper

152 100

115 58.5 28.5 85.5

150 158.6 0.0 347.0

