

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015827.D
 Acq On : 04 Oct 2023 15:01
 Operator : SY/MD
 Sample : 04714-01
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Oct 05 06:54:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

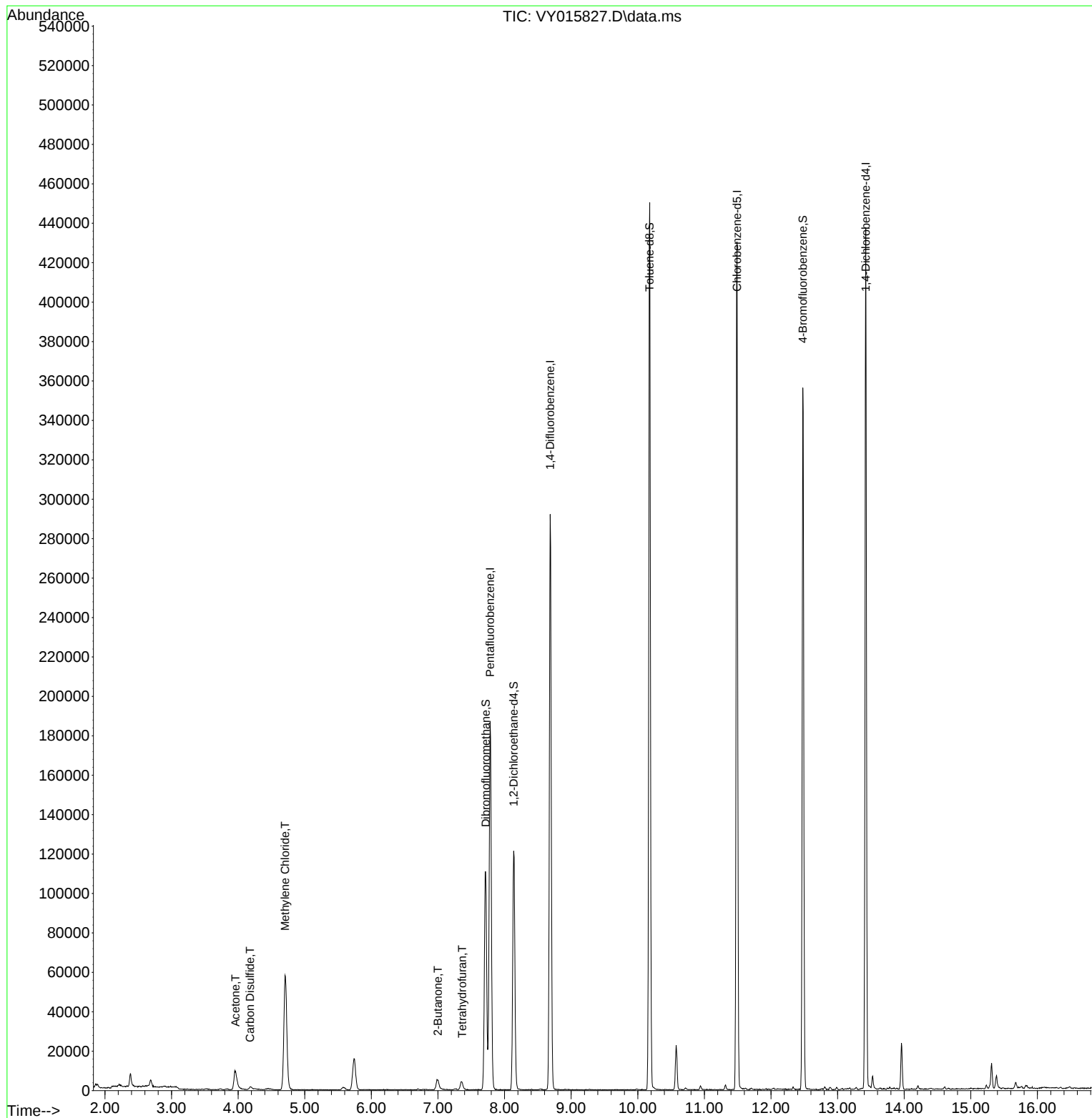
Internal Standards						
1) Pentafluorobenzene	7.783	168	147037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	98613	60.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.900%
35) Dibromofluoromethane	7.716	113	80151	53.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.060%
50) Toluene-d8	10.179	98	298277	58.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.420%
62) 4-Bromofluorobenzene	12.477	95	100840	50.146	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.300%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	21165	24.446	ug/l	90
17) Carbon Disulfide	4.180	76	2725	1.084	ug/l	99
20) Methylene Chloride	4.704	84	44981	20.907	ug/l	91
25) 2-Butanone	6.996	43	9701	7.927	ug/l	97
29) Tetrahydrofuran	7.362	42	3822	5.526	ug/l	97

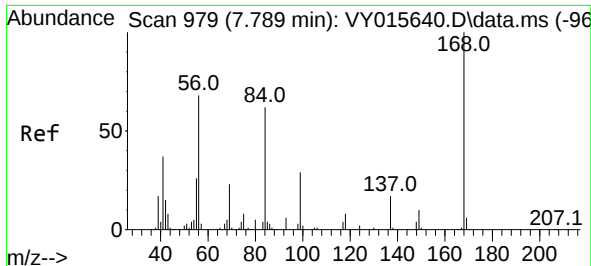
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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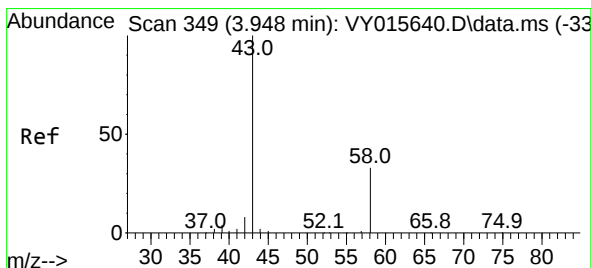
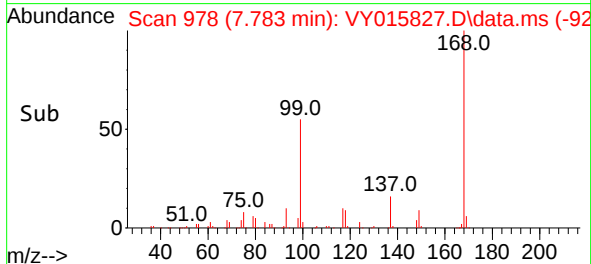
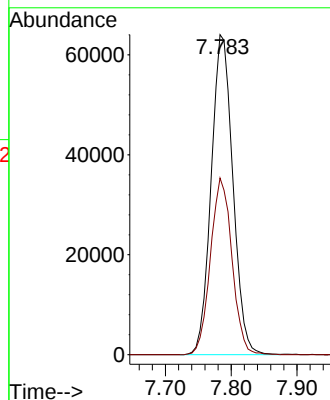
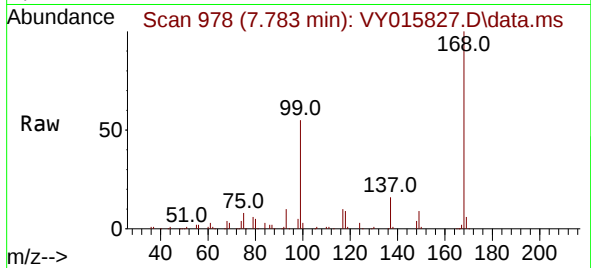




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015827.D
Acq: 04 Oct 2023 15:01

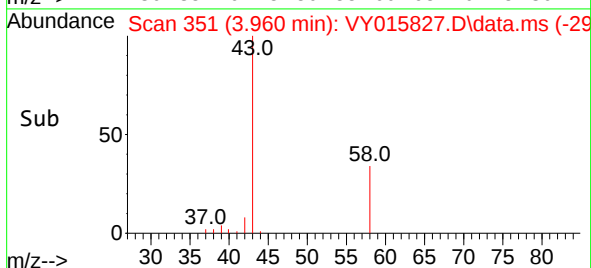
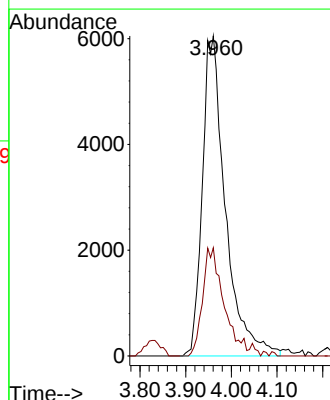
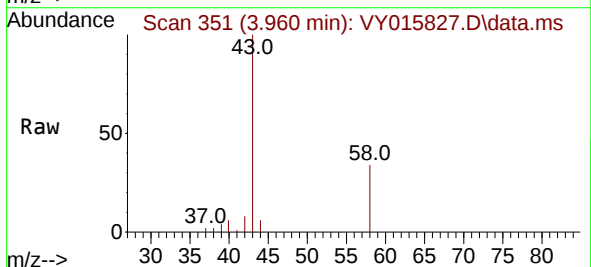
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

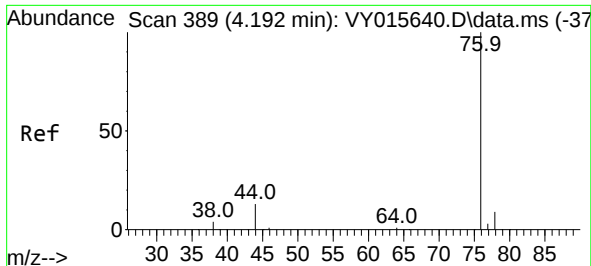
Tgt Ion:168 Resp: 147037
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#16
Acetone
Concen: 24.446 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015827.D
Acq: 04 Oct 2023 15:01

Tgt Ion: 43 Resp: 21165
Ion Ratio Lower Upper
43 100
58 33.8 22.7 34.1

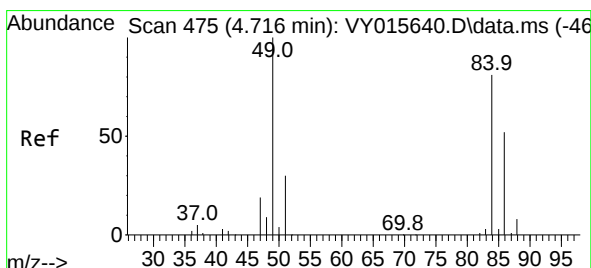
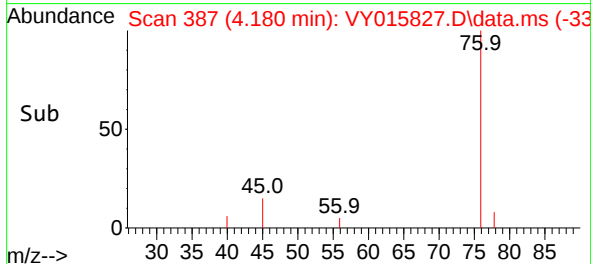
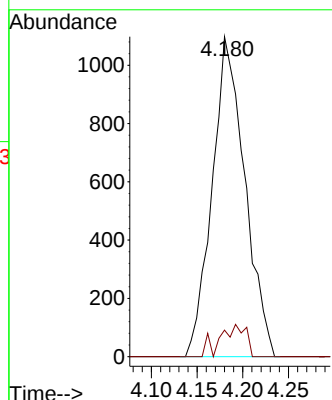
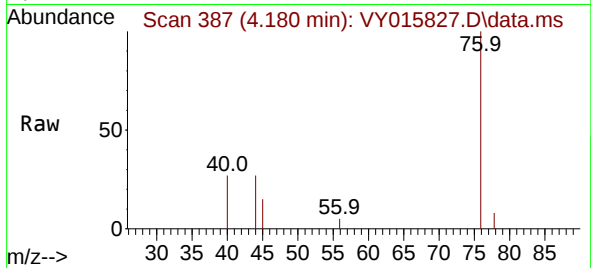




#17
Carbon Disulfide
Concen: 1.084 ug/l
RT: 4.180 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY015827.D
Acq: 04 Oct 2023 15:01

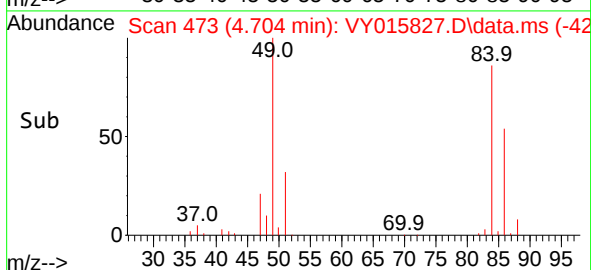
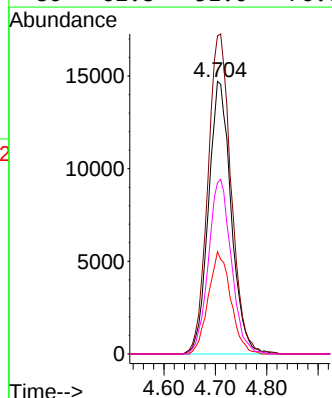
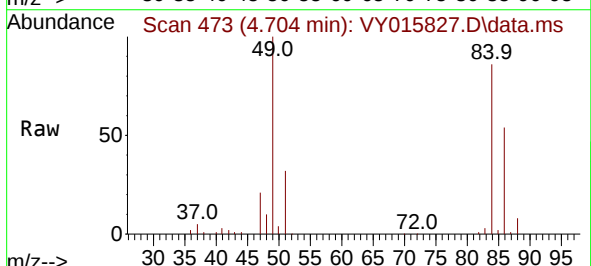
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

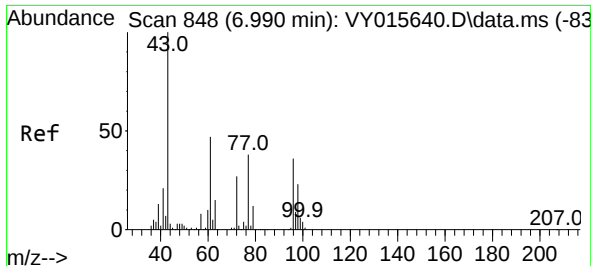
Tgt Ion: 76 Resp: 2725
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#20
Methylene Chloride
Concen: 20.907 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015827.D
Acq: 04 Oct 2023 15:01

Tgt Ion: 84 Resp: 44981
Ion Ratio Lower Upper
84 100
49 116.7 106.9 160.3
51 37.6 33.2 49.8
86 62.8 51.0 76.6

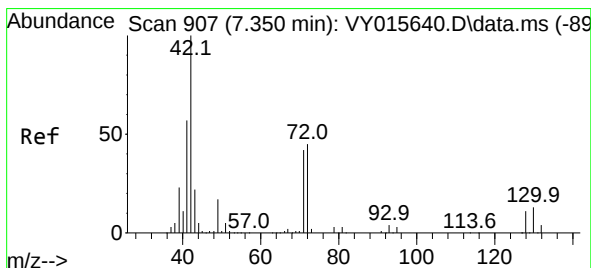
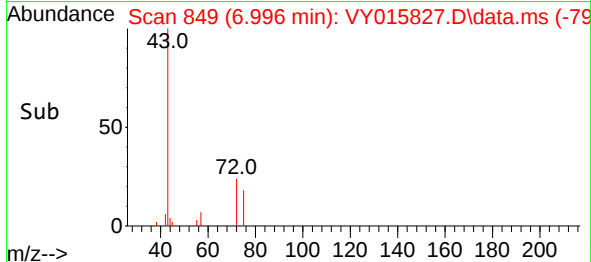
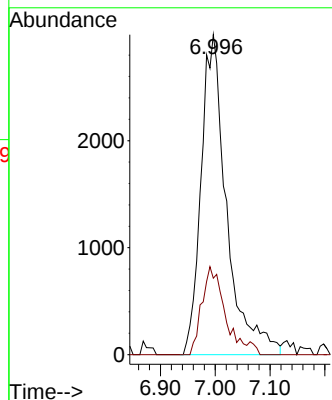
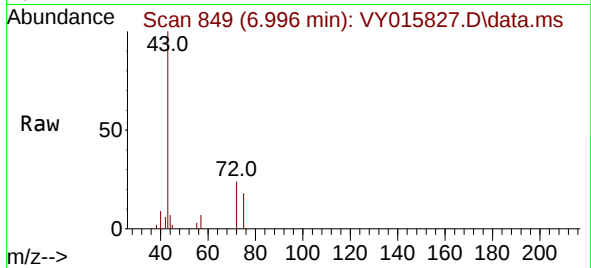




#25
2-Butanone
Concen: 7.927 ug/l
RT: 6.996 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015827.D
Acq: 04 Oct 2023 15:01

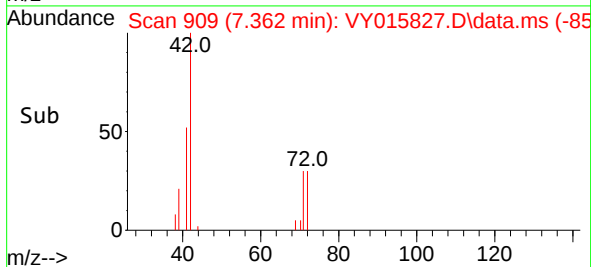
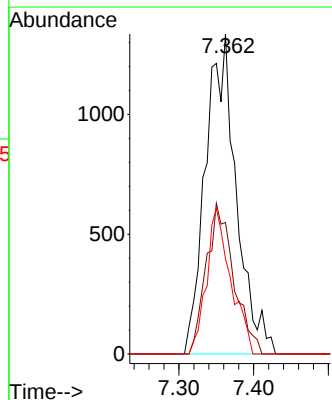
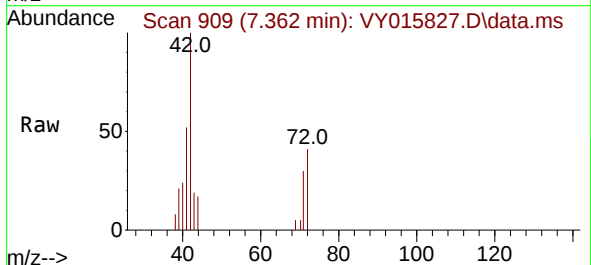
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

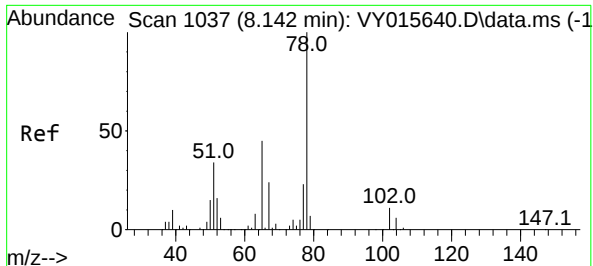
Tgt Ion: 43 Resp: 9701
Ion Ratio Lower Upper
43 100
72 23.9 20.5 30.7



#29
Tetrahydrofuran
Concen: 5.526 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY015827.D
Acq: 04 Oct 2023 15:01

Tgt Ion: 42 Resp: 3822
Ion Ratio Lower Upper
42 100
72 42.1 32.8 49.2
71 35.8 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 60.954 ug/l

RT: 8.137 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY015827.D

Acq: 04 Oct 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

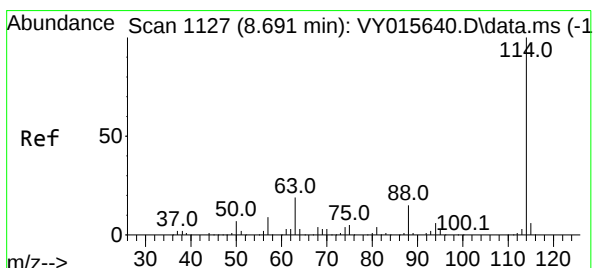
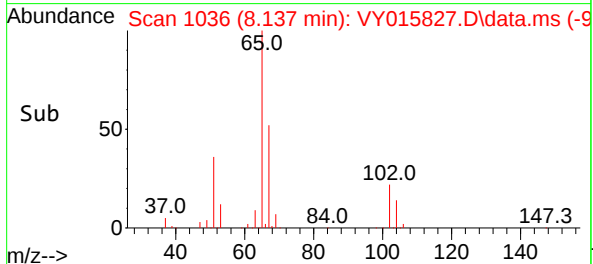
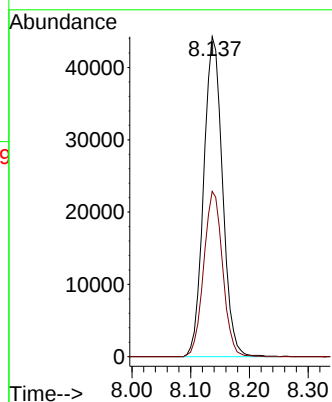
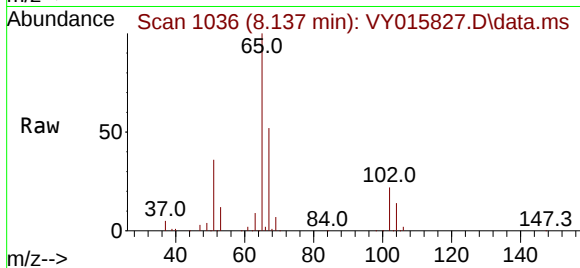
TP-1

Tgt Ion: 65 Resp: 98613

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015827.D

Acq: 04 Oct 2023 15:01

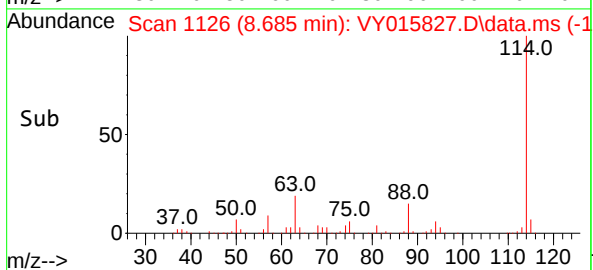
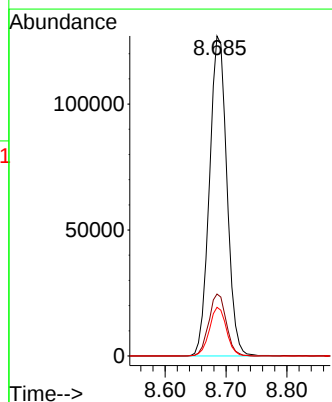
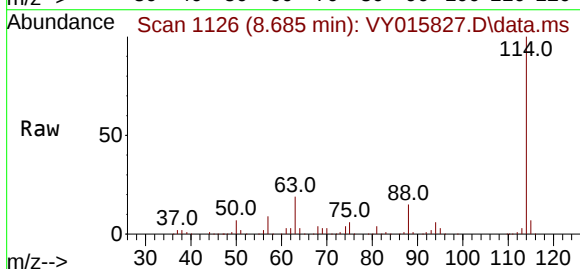
Tgt Ion: 114 Resp: 252499

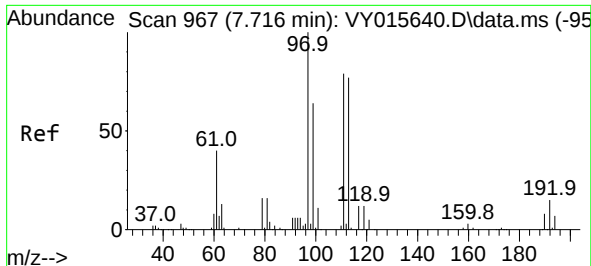
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.035 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY015827.D

Acq: 04 Oct 2023 15:01

Instrument :

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ClientSampleId :

TP-1

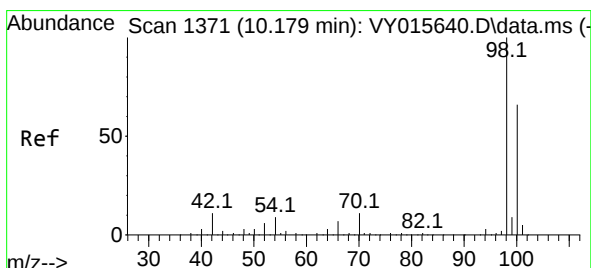
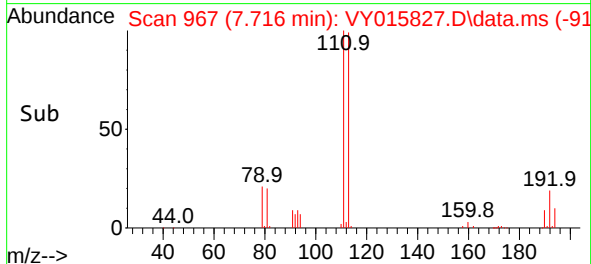
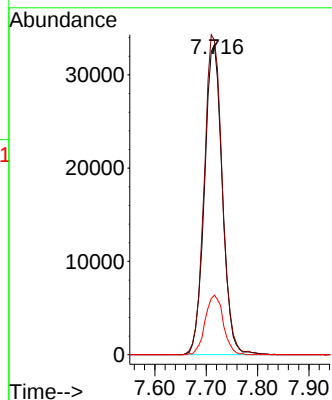
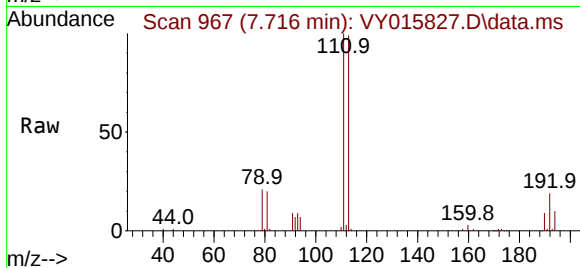
Tgt Ion:113 Resp: 80151

Ion Ratio Lower Upper

113 100

111 104.0 81.3 121.9

192 19.4 16.9 25.3



#50

Toluene-d8

Concen: 58.209 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015827.D

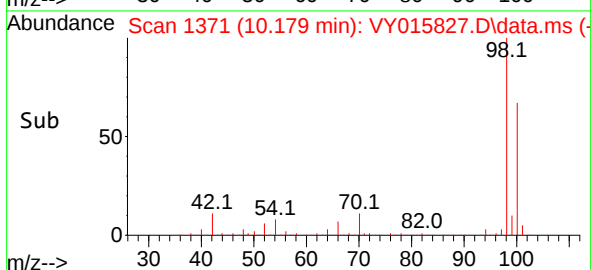
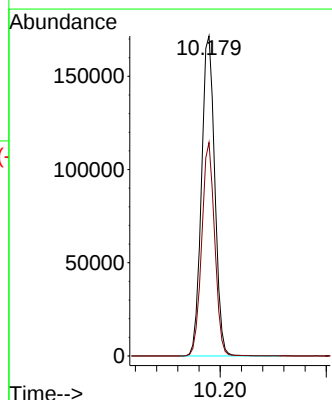
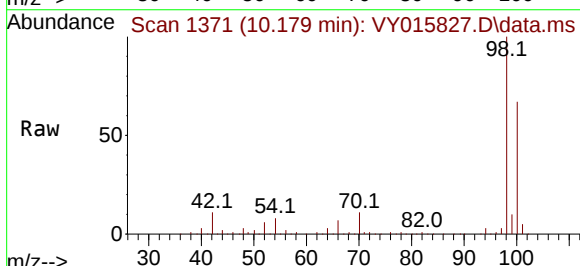
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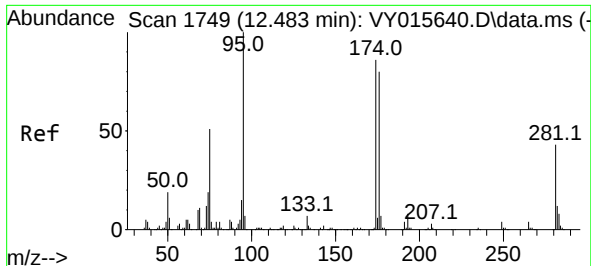
Tgt Ion: 98 Resp: 298277

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

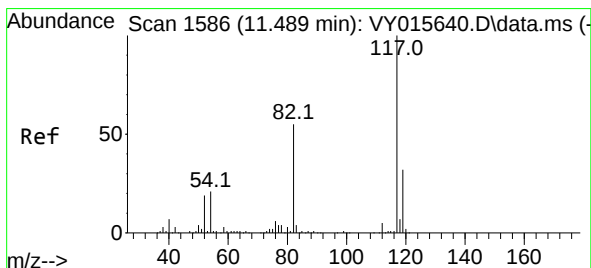
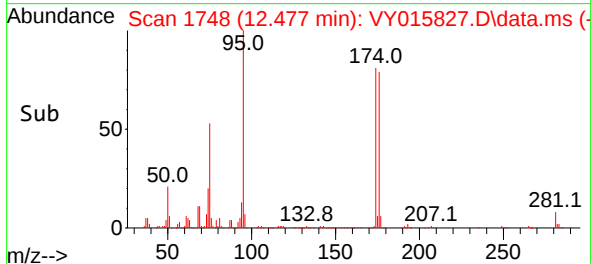
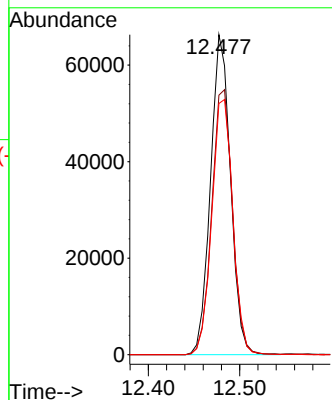
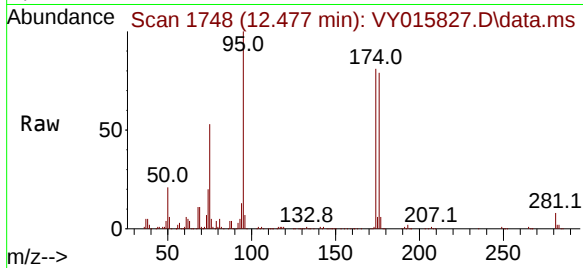




#62
4-Bromofluorobenzene
Concen: 50.146 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015827.D
Acq: 04 Oct 2023 15:01

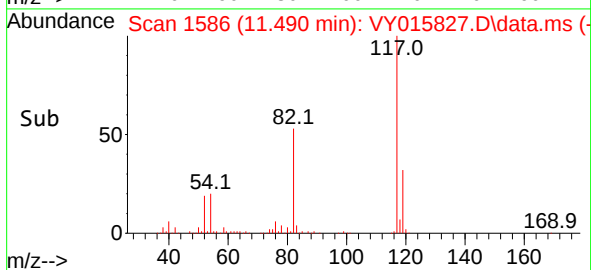
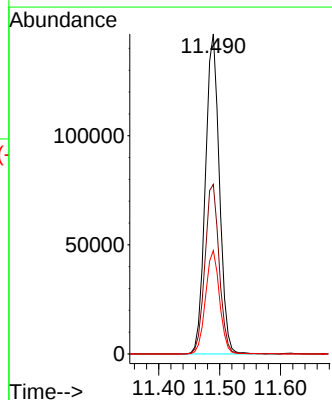
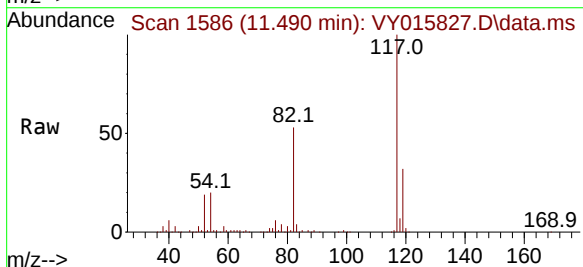
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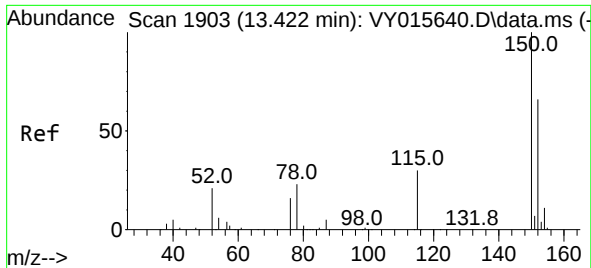
Tgt Ion: 95 Resp: 100840
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015827.D
Acq: 04 Oct 2023 15:01

Tgt Ion: 117 Resp: 235010
Ion Ratio Lower Upper
117 100
82 53.0 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: VY015827.D

Acq: 04 Oct 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

Tgt Ion:152 Resp: 107006

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 157.3 0.0 348.8

