

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015830.D
 Acq On : 04 Oct 2023 16:13
 Operator : SY/MD
 Sample : 04714-04
 Misc : 3.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Oct 05 06:55:48 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)

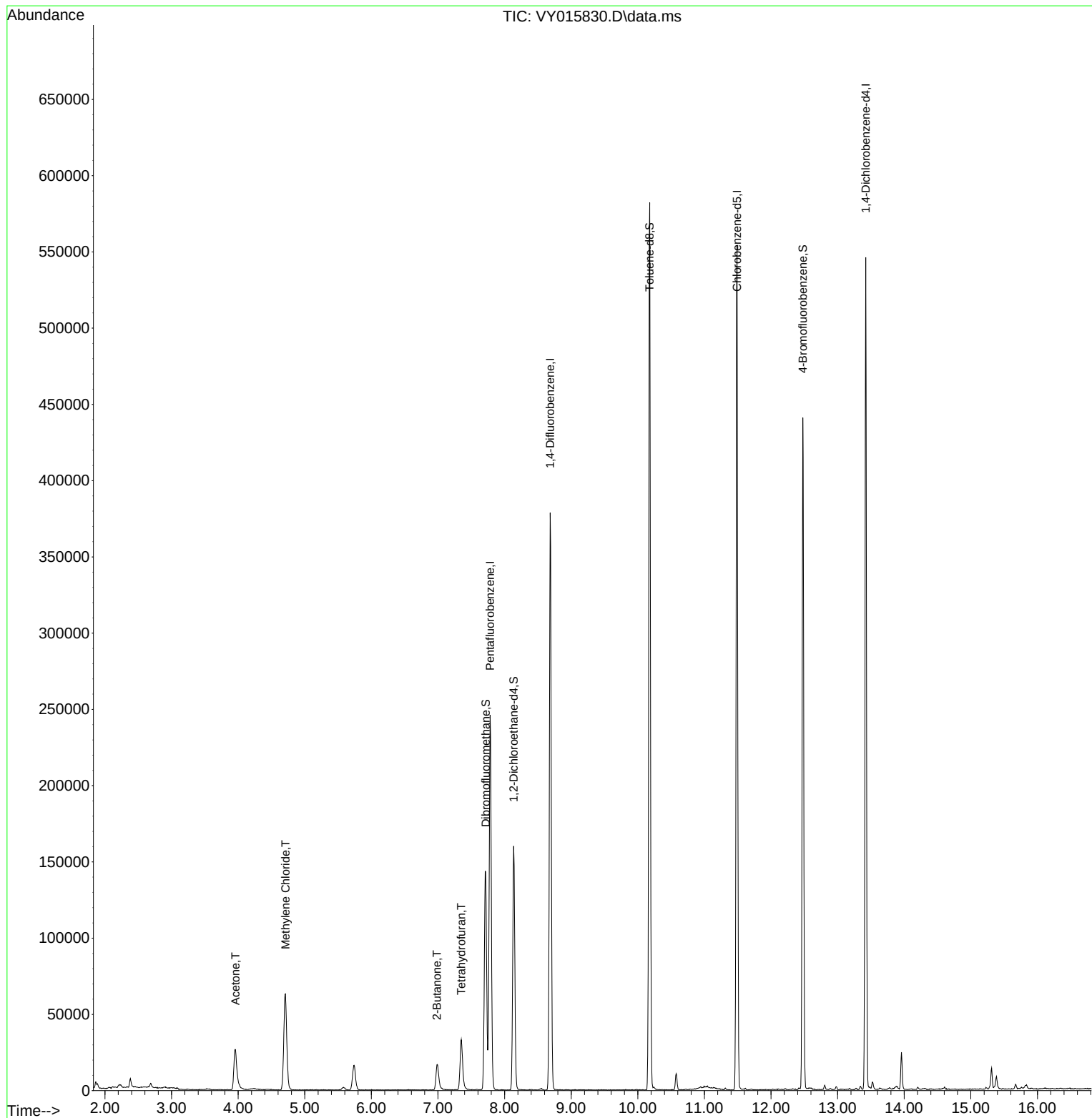
Internal Standards						
1) Pentafluorobenzene	7.783	168	188742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124250	59.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.660%
35) Dibromofluoromethane	7.715	113	104976	54.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.120%
50) Toluene-d8	10.178	98	385292	58.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.040%
62) 4-Bromofluorobenzene	12.477	95	130434	50.483	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.960%
Target Compounds						
16) Acetone	3.960	43	57782	51.993	ug/l	97
20) Methylene Chloride	4.710	84	48705	16.797	ug/l	91
25) 2-Butanone	6.984	43	32108	20.440	ug/l	94
29) Tetrahydrofuran	7.350	42	27516	30.991	ug/l	92

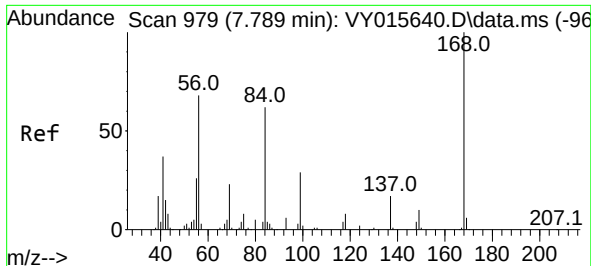
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
Data File : VY015830.D
Acq On : 04 Oct 2023 16:13
Operator : SY/MD
Sample : 04714-04
Misc : 3.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Quant Time: Oct 05 06:55:48 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

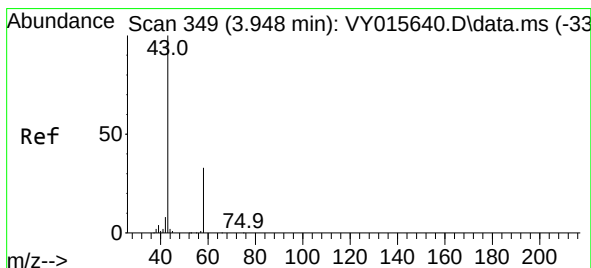
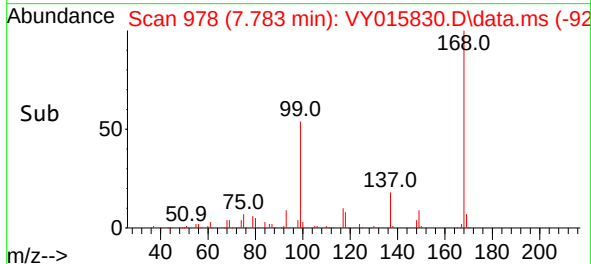
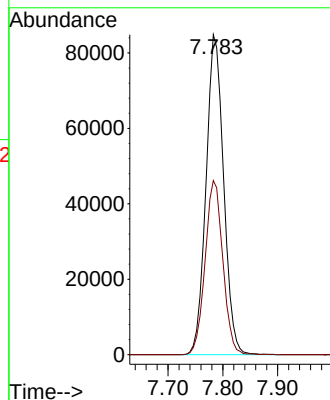
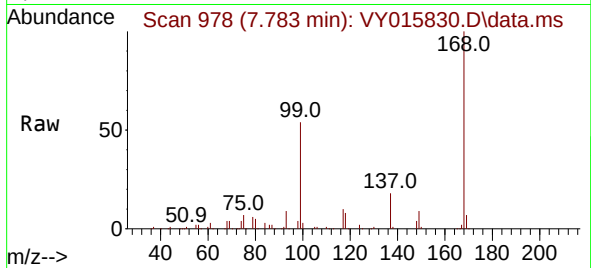




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015830.D
Acq: 04 Oct 2023 16:13

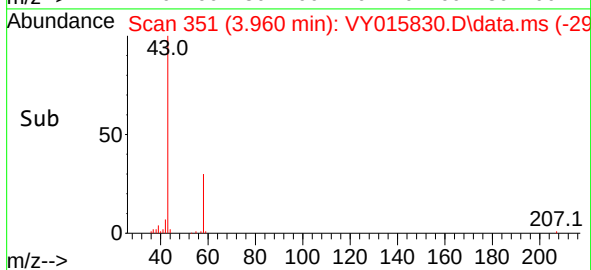
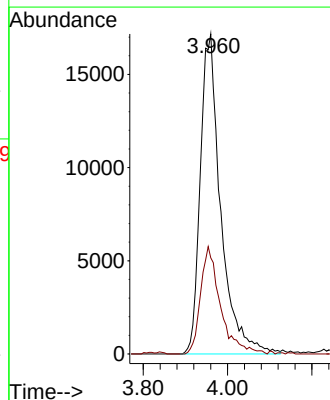
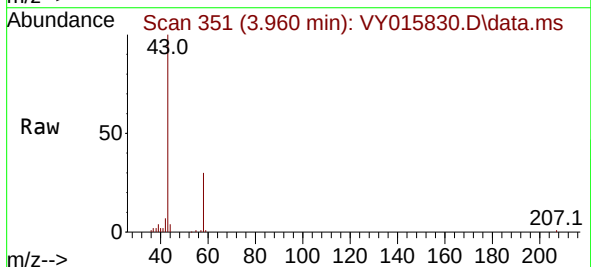
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

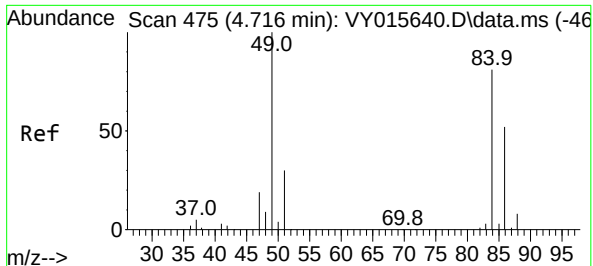
Tgt Ion:168 Resp: 188742
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#16
Acetone
Concen: 51.993 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015830.D
Acq: 04 Oct 2023 16:13

Tgt Ion: 43 Resp: 57782
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1

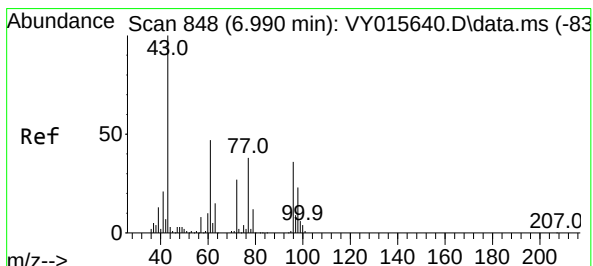
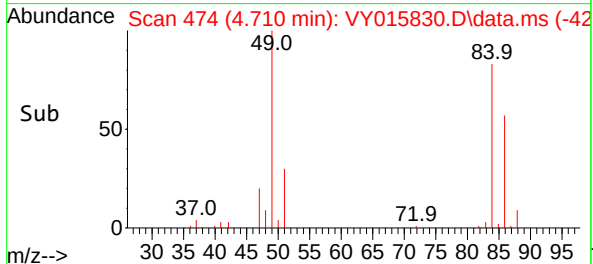
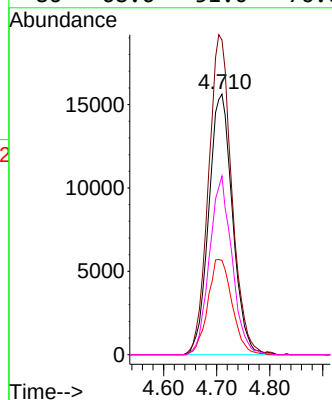
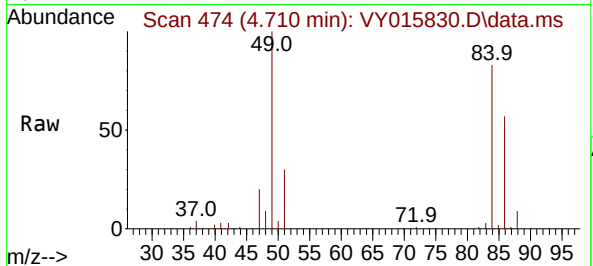




#20
Methylene Chloride
Concen: 16.797 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015830.D
Acq: 04 Oct 2023 16:13

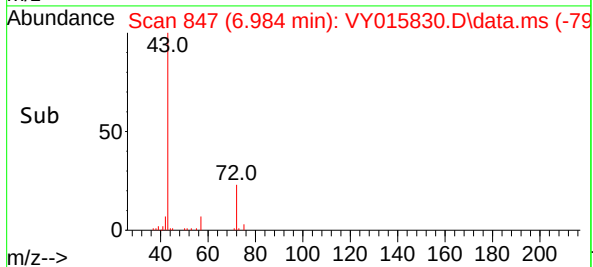
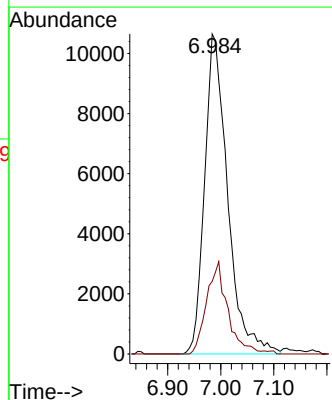
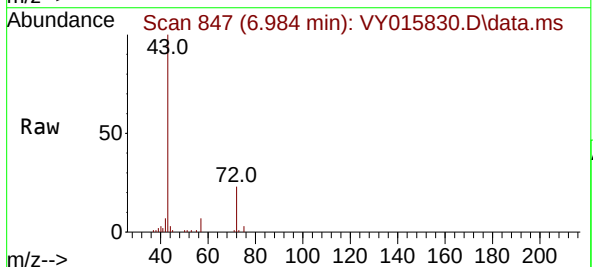
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

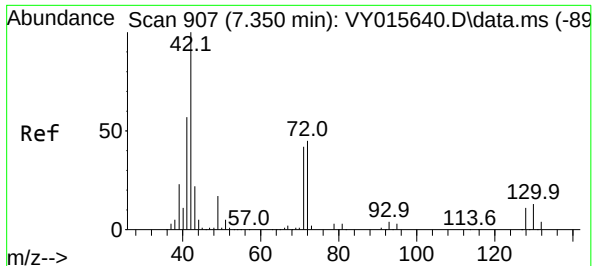
Tgt Ion:	84	Resp:	48705
Ion	Ratio	Lower	Upper
84	100		
49	120.8	106.9	160.3
51	36.2	33.2	49.8
86	68.6	51.0	76.6



#25
2-Butanone
Concen: 20.440 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015830.D
Acq: 04 Oct 2023 16:13

Tgt Ion:	43	Resp:	32108
Ion	Ratio	Lower	Upper
43	100		
72	22.7	20.5	30.7





#29

Tetrahydrofuran

Concen: 30.991 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY015830.D

Acq: 04 Oct 2023 16:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

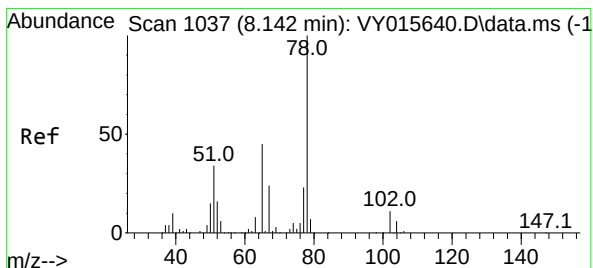
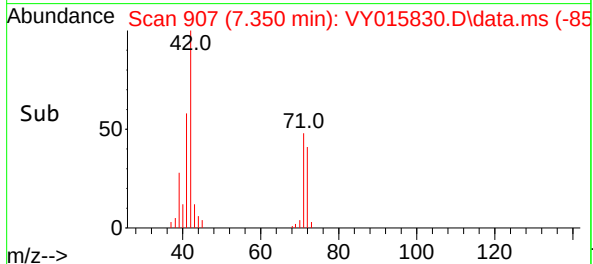
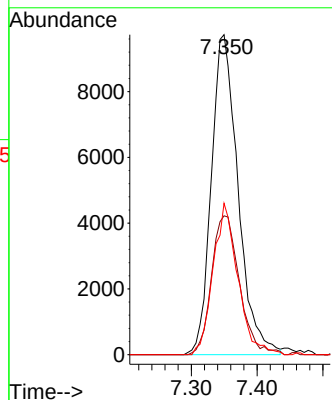
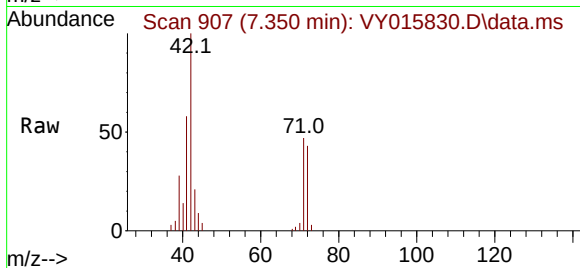
Tgt Ion: 42 Resp: 27516

Ion Ratio Lower Upper

42 100

72 45.4 32.8 49.2

71 43.8 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 59.831 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015830.D

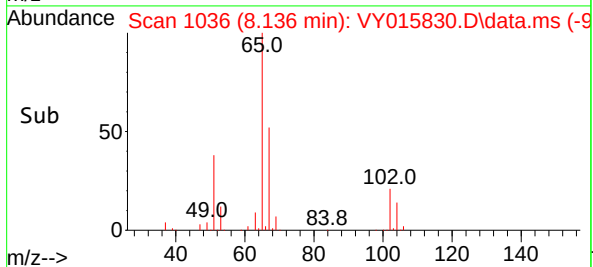
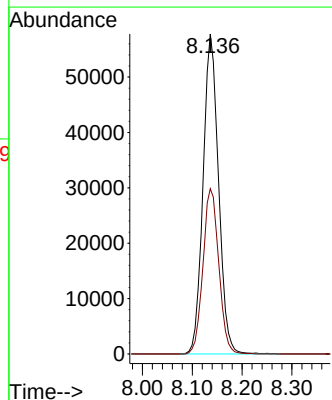
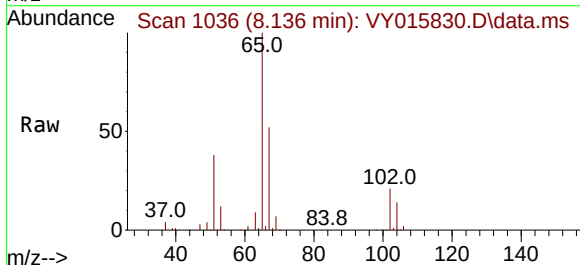
Acq: 04 Oct 2023 16:13

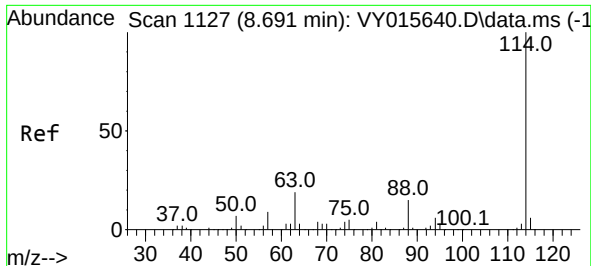
Tgt Ion: 65 Resp: 124250

Ion Ratio Lower Upper

65 100

67 52.7 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: VY015830.D

Acq: 04 Oct 2023 16:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

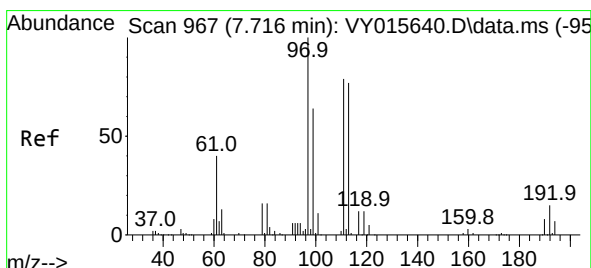
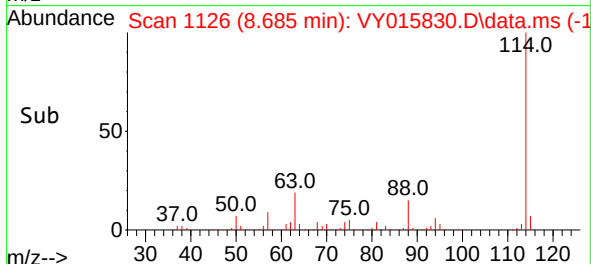
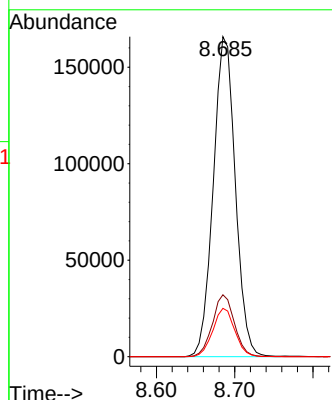
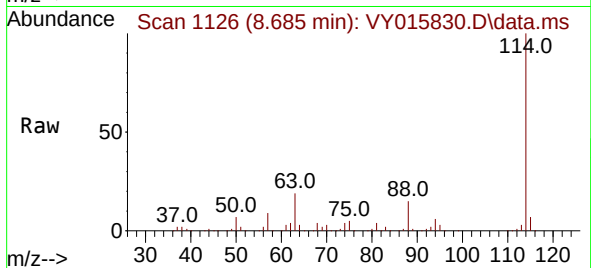
Tgt Ion:114 Resp: 324420

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.062 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY015830.D

Acq: 04 Oct 2023 16:13

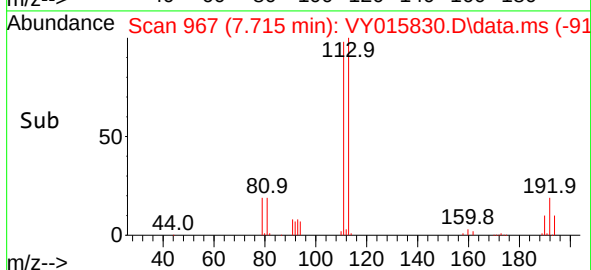
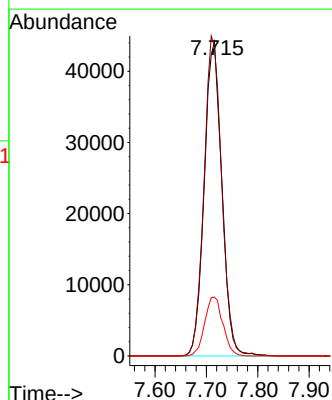
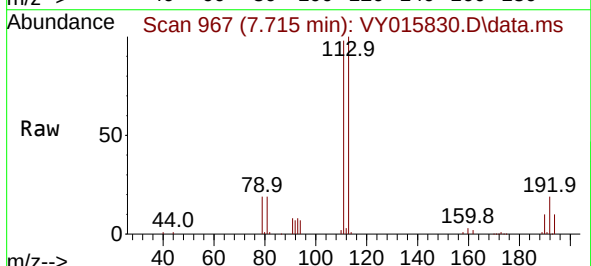
Tgt Ion:113 Resp: 104976

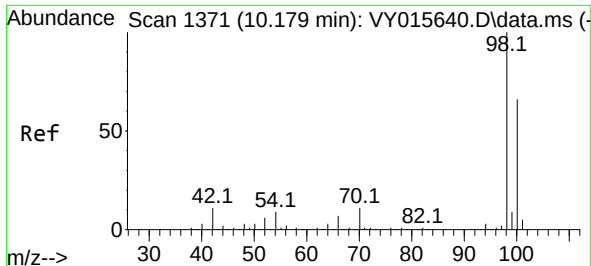
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 19.3 16.9 25.3

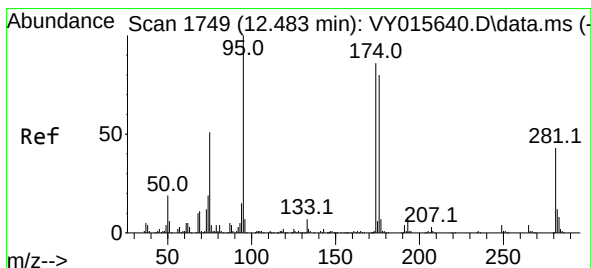
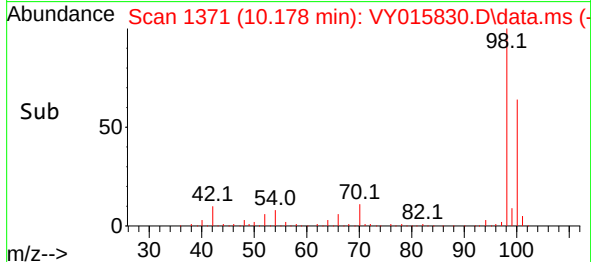
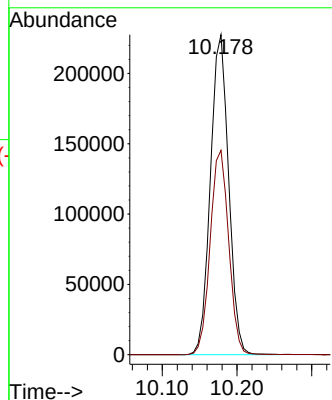
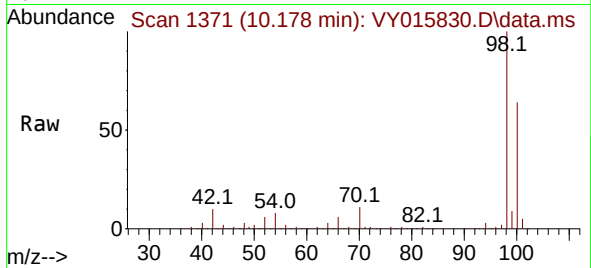




#50
Toluene-d8
Concen: 58.521 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY015830.D
Acq: 04 Oct 2023 16:13

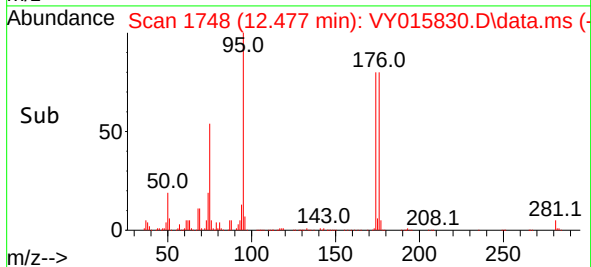
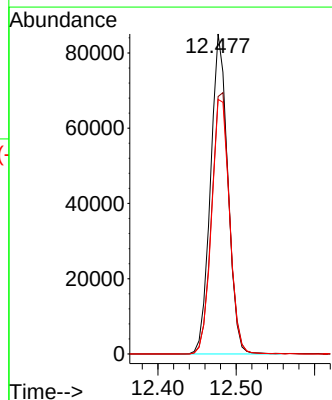
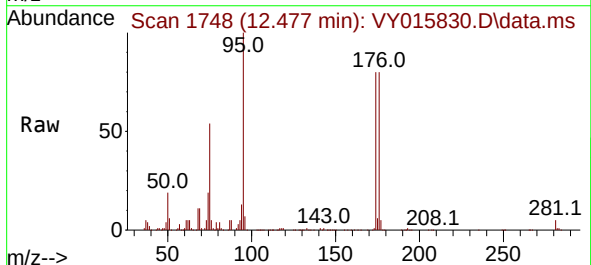
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

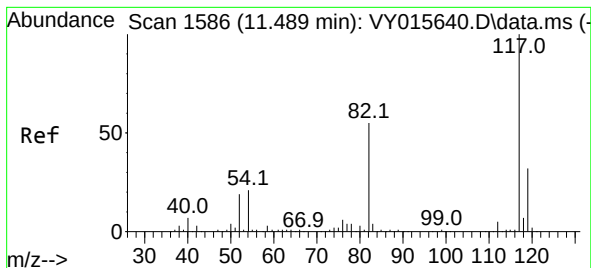
Tgt Ion: 98 Resp: 385292
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.483 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015830.D
Acq: 04 Oct 2023 16:13

Tgt Ion: 95 Resp: 130434
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 82.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015830.D

Acq: 04 Oct 2023 16:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

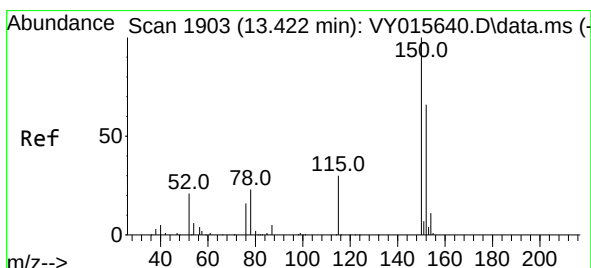
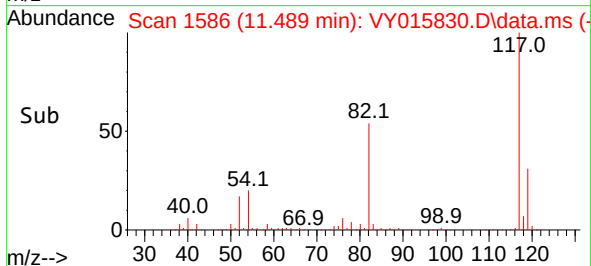
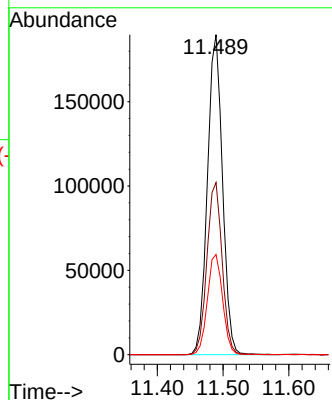
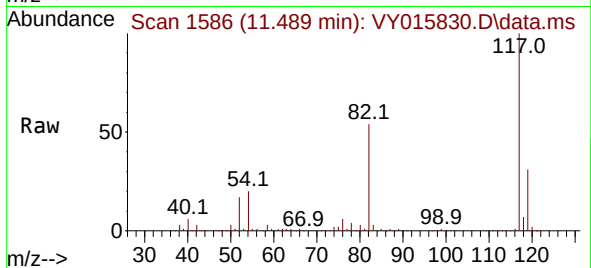
Tgt Ion:117 Resp: 302198

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 31.3 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: VY015830.D

Acq: 04 Oct 2023 16:13

Tgt Ion:152 Resp: 135159

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.5 0.0 348.8

