

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013759.D
 Acq On : 16 May 2023 15:05
 Operator : KP/MD
 Sample : 02774-04
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-N-1

Quant Time: May 17 07:47:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

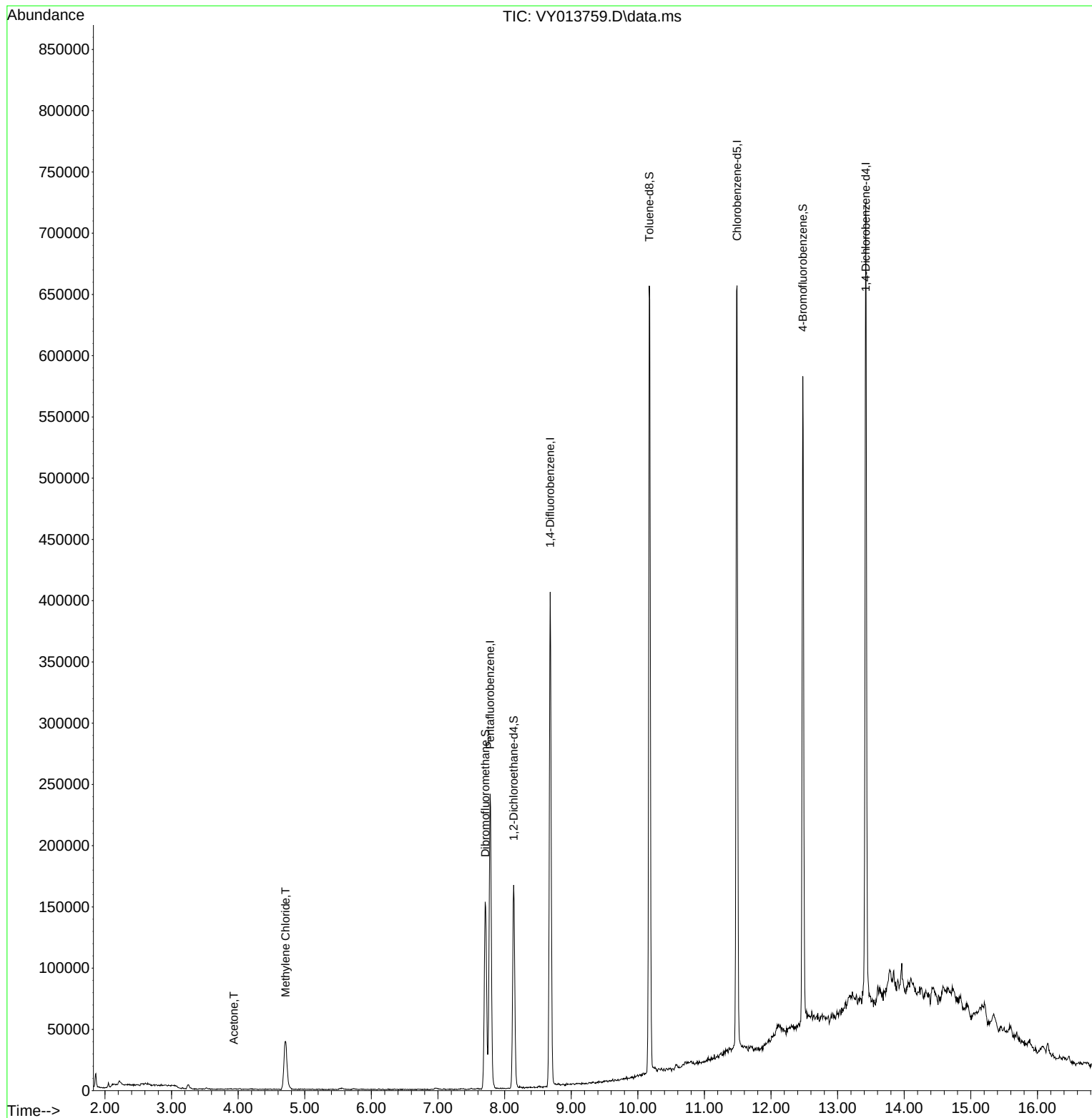
Internal Standards						
1) Pentafluorobenzene	7.783	168	182503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	327482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128687	64.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.640%
35) Dibromofluoromethane	7.710	113	109864	53.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.680%
50) Toluene-d8	10.173	98	417526	56.983	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.960%
62) 4-Bromofluorobenzene	12.477	95	152361	61.680	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	123.360%
Target Compounds						
16) Acetone	3.936	43	910	1.155	ug/l	90
20) Methylene Chloride	4.710	84	28394	4.073	ug/l #	84

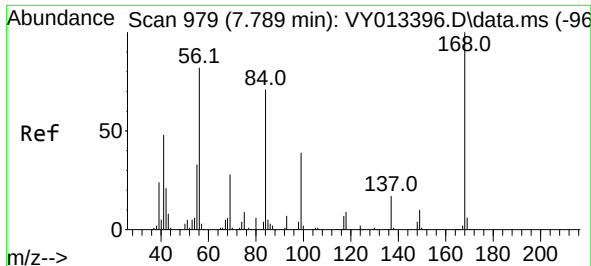
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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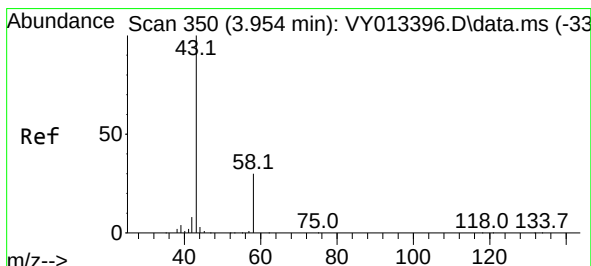
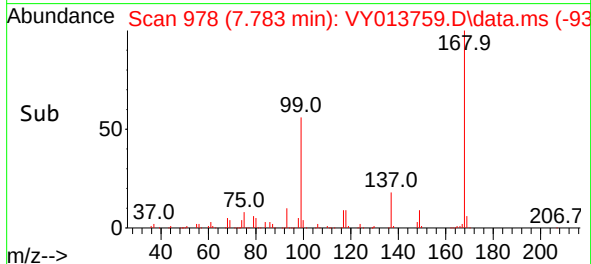
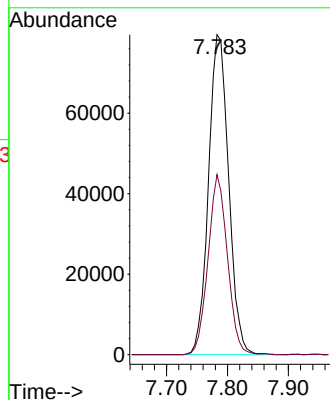
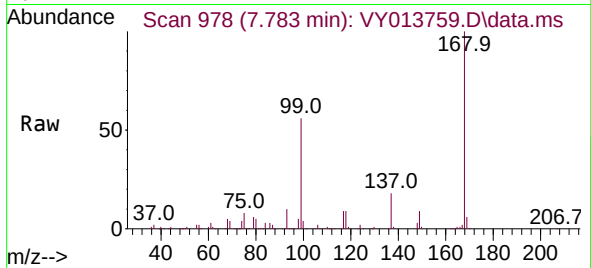




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013759.D
Acq: 16 May 2023 15:05

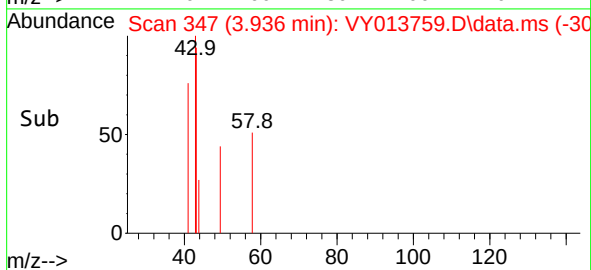
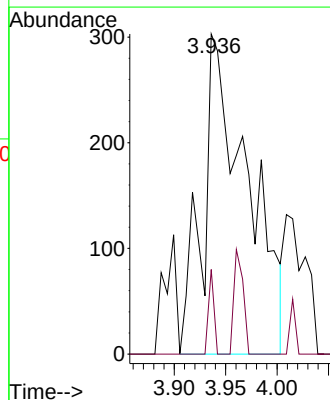
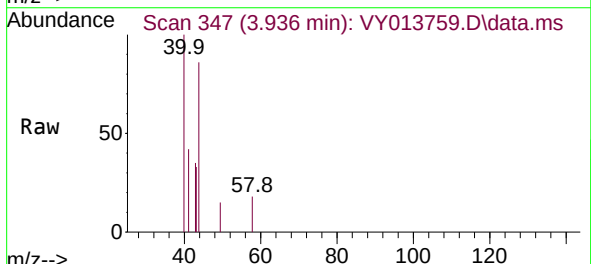
Instrument :
MSVOA_Y
ClientSampleId :
WC-N-1

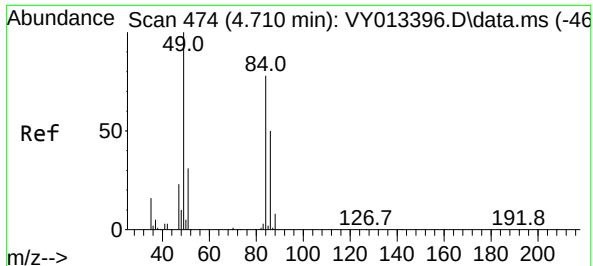
Tgt Ion:168 Resp: 182503
Ion Ratio Lower Upper
168 100
99 56.2 41.8 62.6



#16
Acetone
Concen: 1.155 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY013759.D
Acq: 16 May 2023 15:05

Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 26.4 25.4 38.0

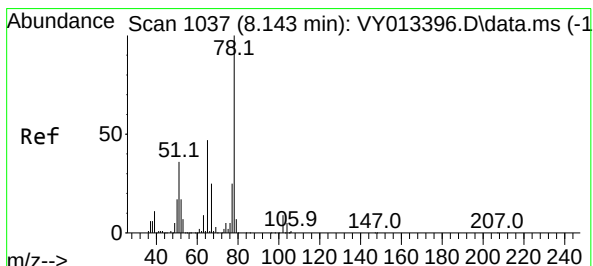
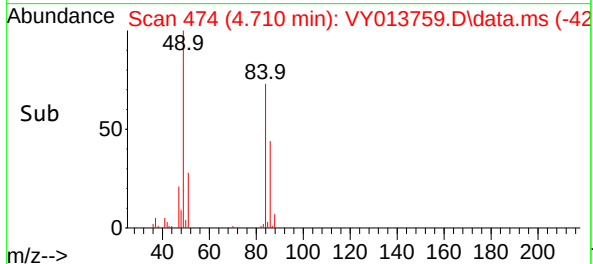
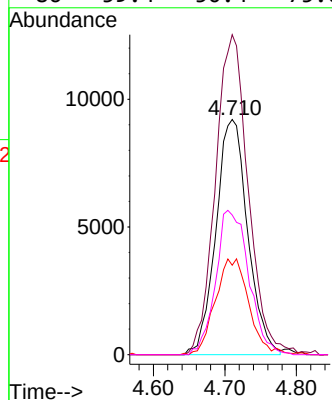
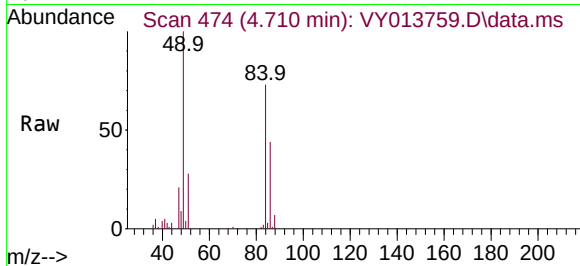




#20
Methylene Chloride
Concen: 4.073 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013759.D
Acq: 16 May 2023 15:05

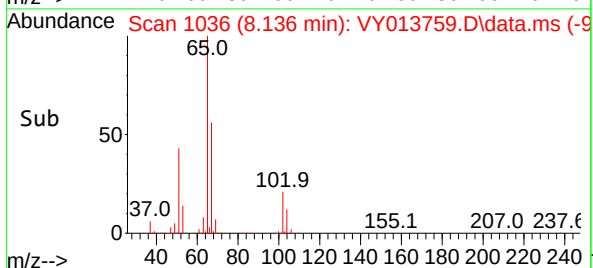
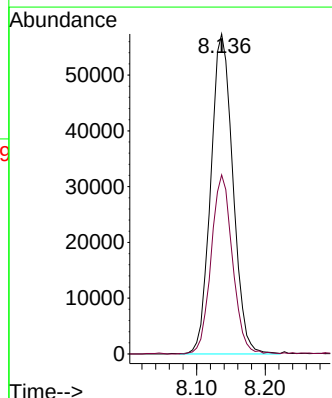
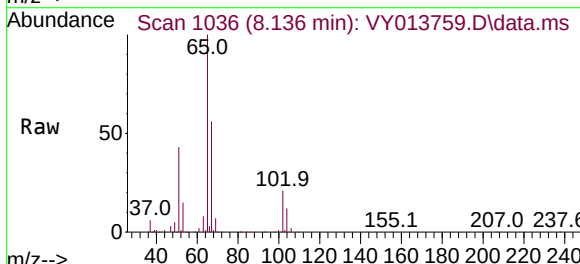
Instrument :
MSVOA_Y
ClientSampleId :
WC-N-1

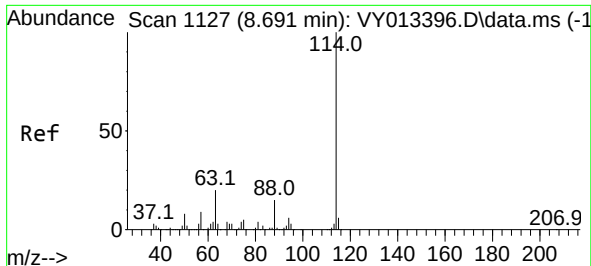
Tgt Ion:	84	Resp:	28394
Ion	Ratio	Lower	Upper
84	100		
49	136.1	88.0	132.0#
51	38.1	27.4	41.0
86	59.4	50.4	75.6



#33
1,2-Dichloroethane-d4
Concen: 64.323 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013759.D
Acq: 16 May 2023 15:05

Tgt Ion:	65	Resp:	128687
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013759.D

Acq: 16 May 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

WC-N-1

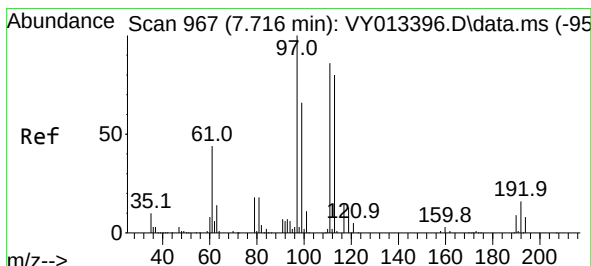
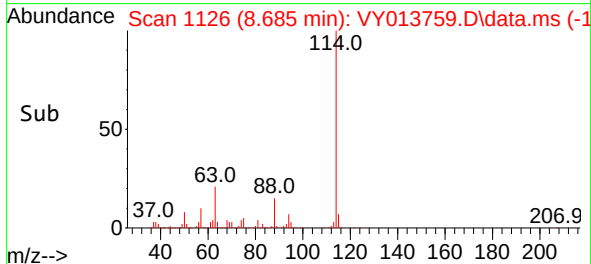
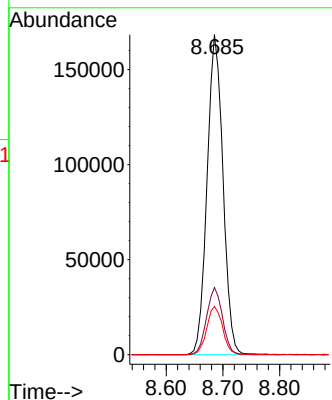
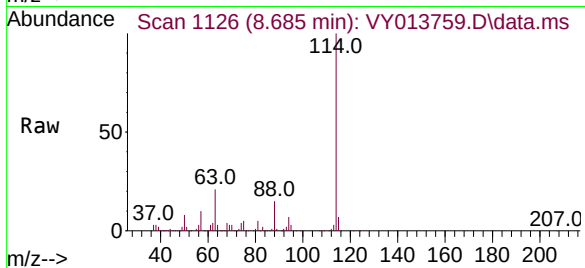
Tgt Ion:114 Resp: 327482

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 53.339 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013759.D

Acq: 16 May 2023 15:05

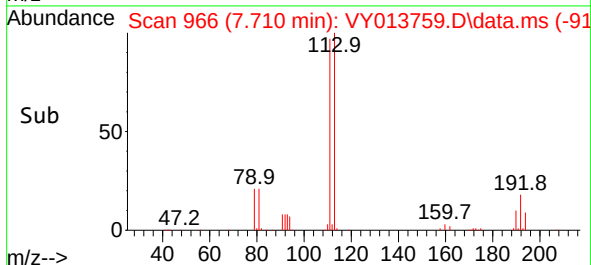
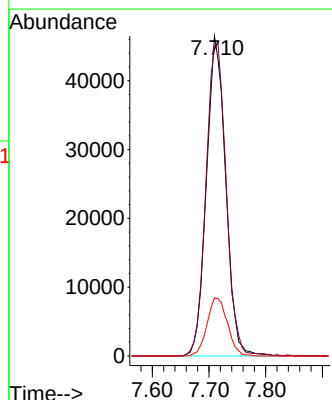
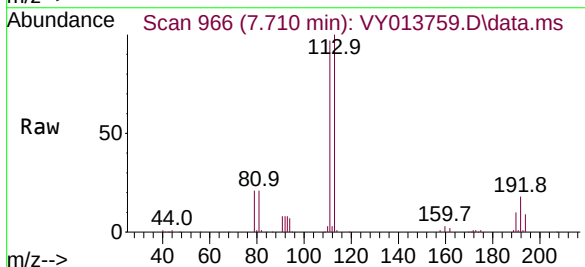
Tgt Ion:113 Resp: 109864

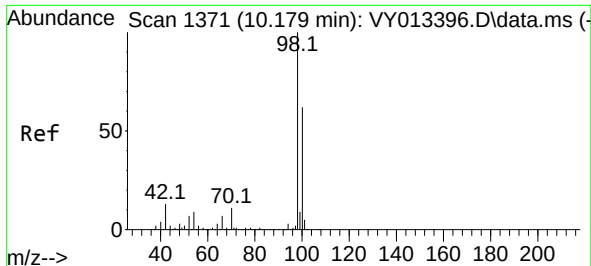
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

192 19.2 16.7 25.1

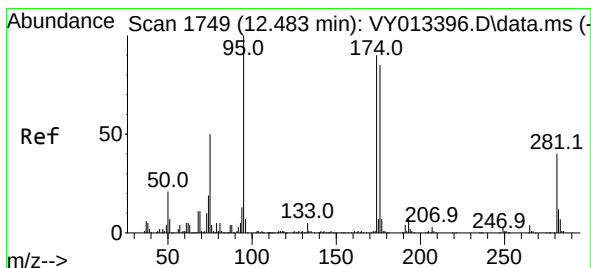
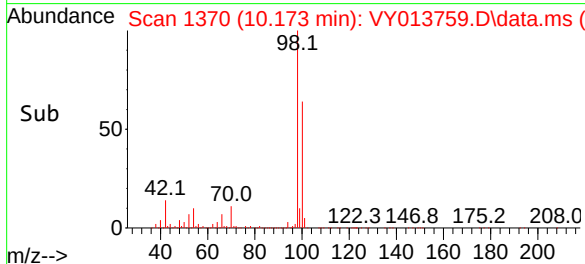
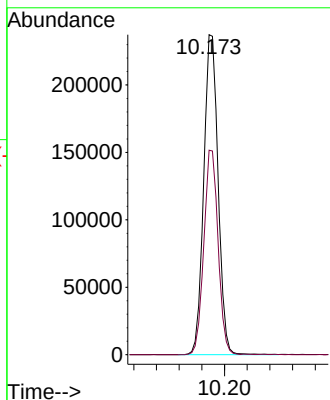
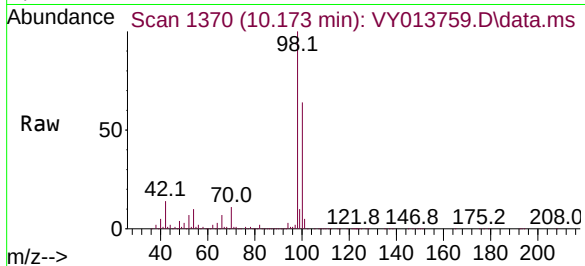




#50
Toluene-d8
Concen: 56.983 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013759.D
Acq: 16 May 2023 15:05

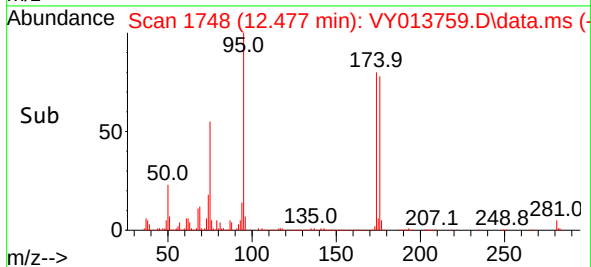
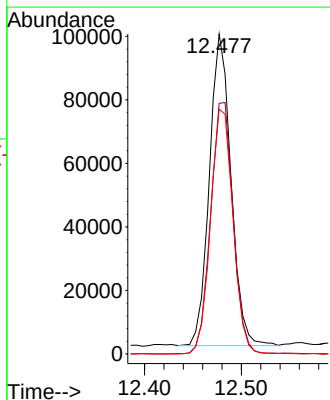
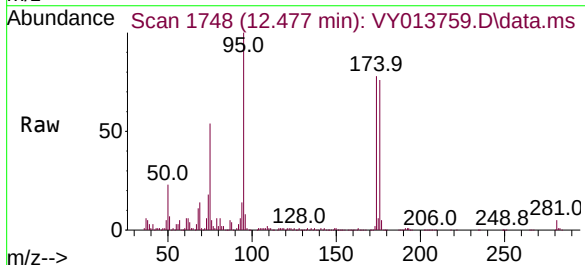
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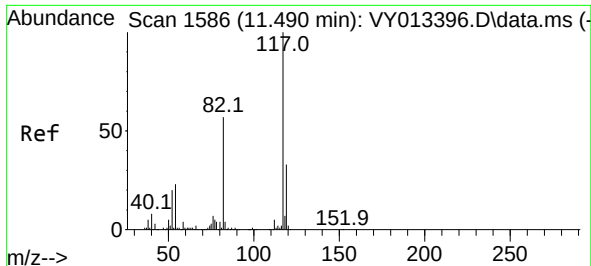
Tgt Ion: 98 Resp: 417526
Ion Ratio Lower Upper
98 100
100 63.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 61.680 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013759.D
Acq: 16 May 2023 15:05

Tgt Ion: 95 Resp: 152361
Ion Ratio Lower Upper
95 100
174 84.8 0.0 182.0
176 81.6 0.0 175.4

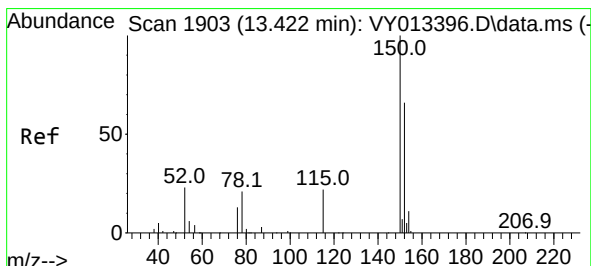
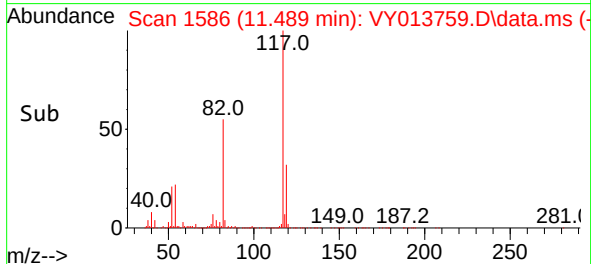
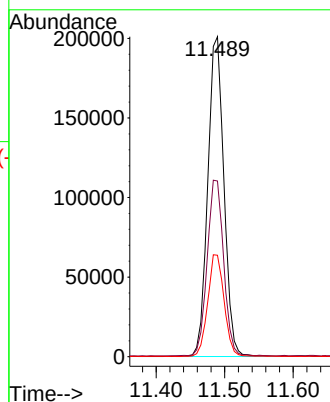
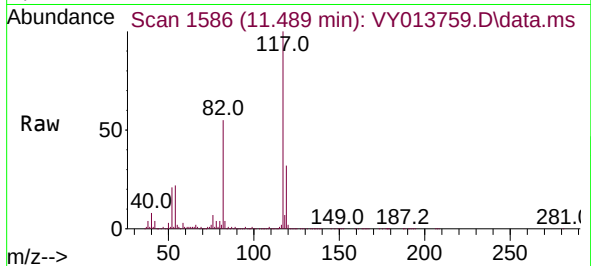




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013759.D
Acq: 16 May 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
WC-N-1

Tgt Ion:117 Resp: 329938
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.6
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013759.D
Acq: 16 May 2023 15:05

Tgt Ion:152 Resp: 154319
Ion Ratio Lower Upper
152 100
115 57.1 28.1 84.2
150 157.6 0.0 352.0

