

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015778.D
 Acq On : 02 Oct 2023 15:41
 Operator : SY/MD
 Sample : 04642-01
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-01-09272023

Quant Time: Oct 02 16:59:16 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)

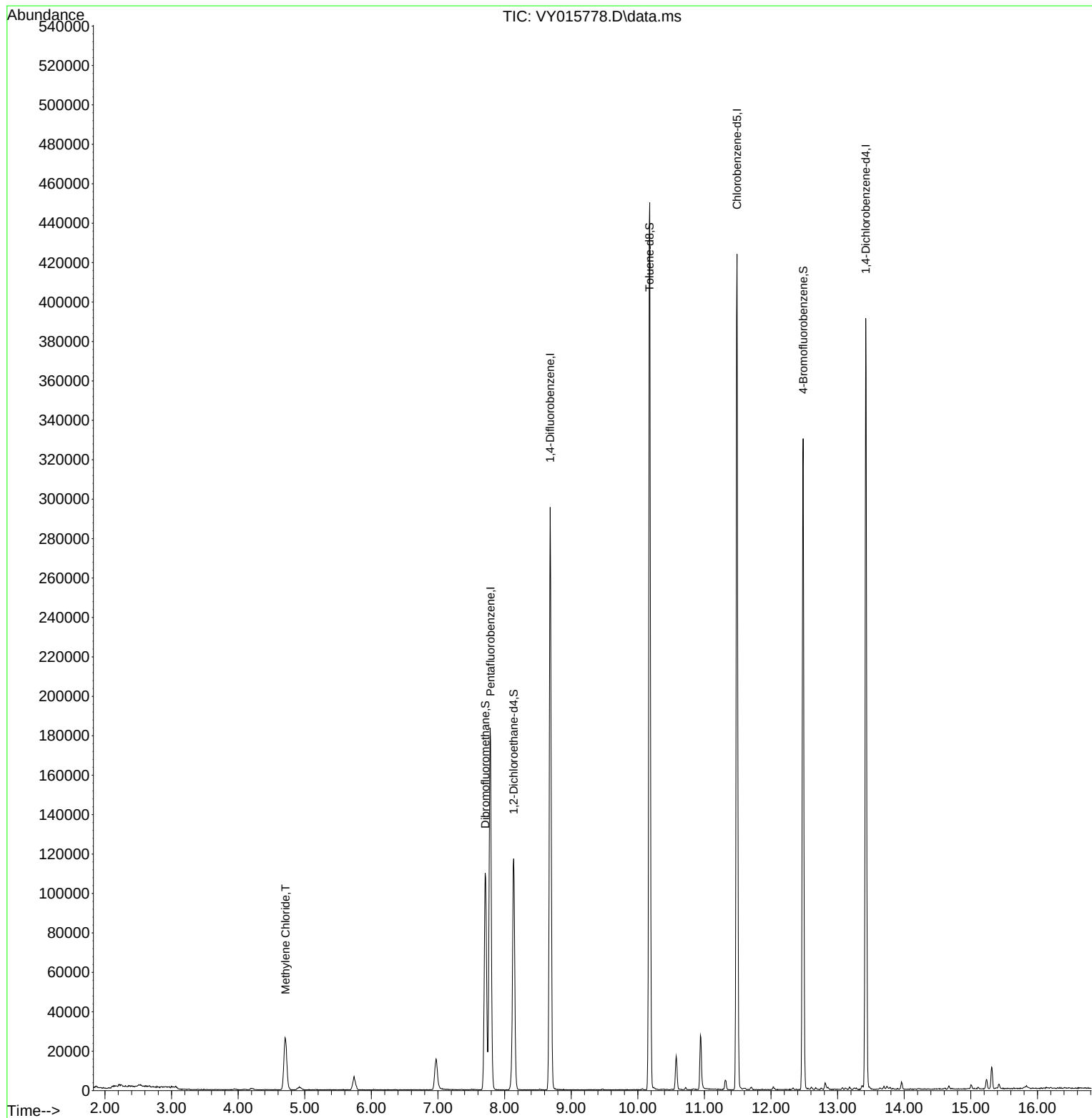
Internal Standards						
1) Pentafluorobenzene	7.789	168	143995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	251038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90442	57.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.160%
35) Dibromofluoromethane	7.710	113	80080	53.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.600%
50) Toluene-d8	10.179	98	293693	57.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.300%
62) 4-Bromofluorobenzene	12.483	95	96768	48.401	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.800%
Target Compounds						
20) Methylene Chloride	4.710	84	20845	7.070	ug/l	Qvalue 89

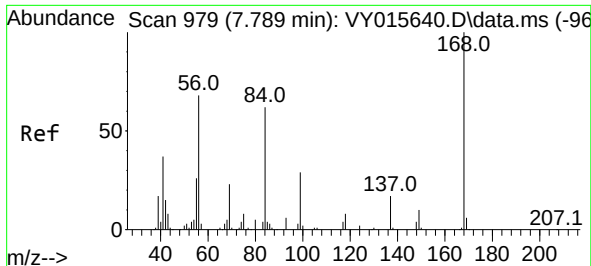
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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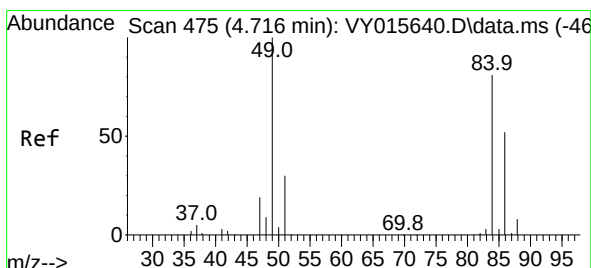
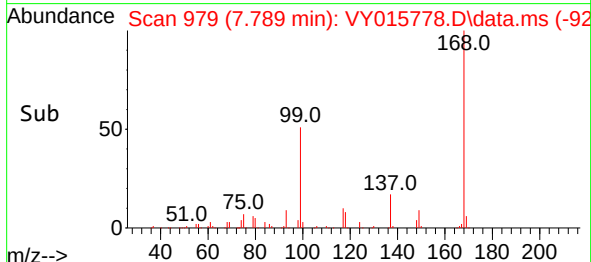
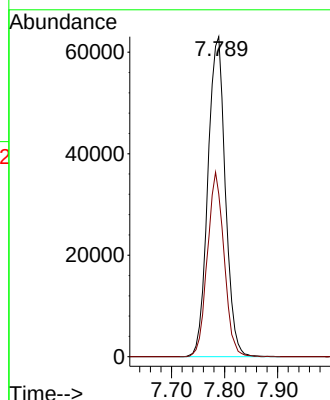
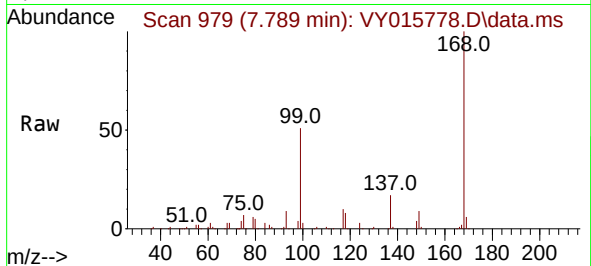




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015778.D
Acq: 02 Oct 2023 15:41

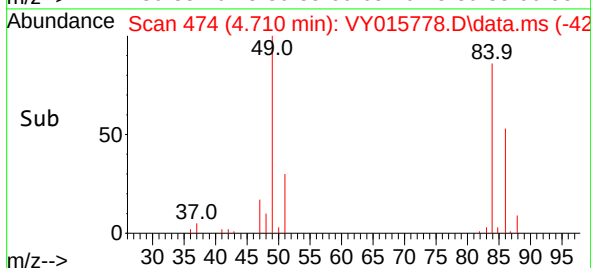
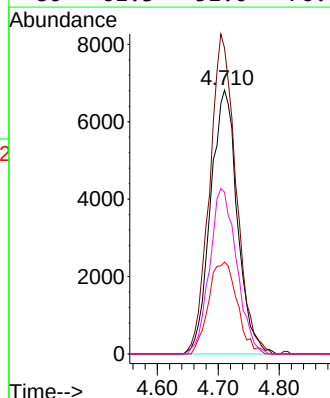
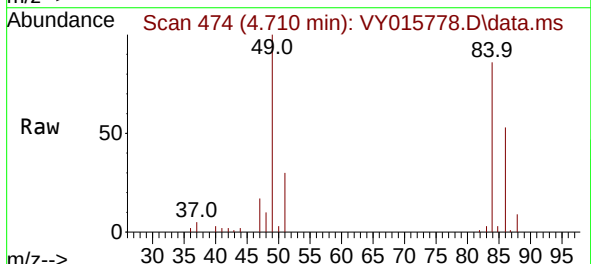
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-09272023

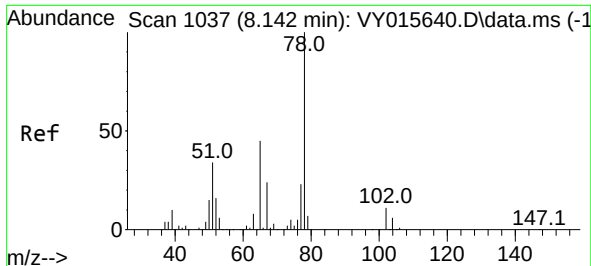
Tgt Ion:168 Resp: 143995
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#20
Methylene Chloride
Concen: 7.070 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015778.D
Acq: 02 Oct 2023 15:41

Tgt Ion: 84 Resp: 20845
Ion Ratio Lower Upper
84 100
49 116.0 106.9 160.3
51 34.8 33.2 49.8
86 61.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.085 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015778.D

Acq: 02 Oct 2023 15:41

Instrument :

MSVOA_Y

ClientSampleId :

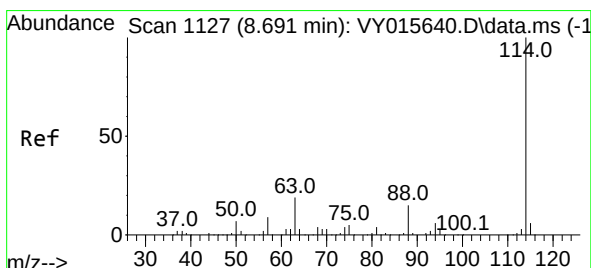
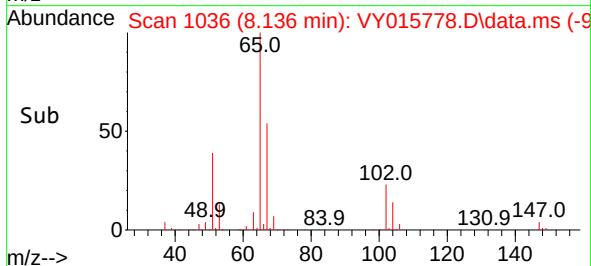
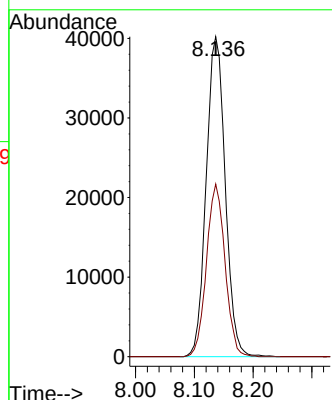
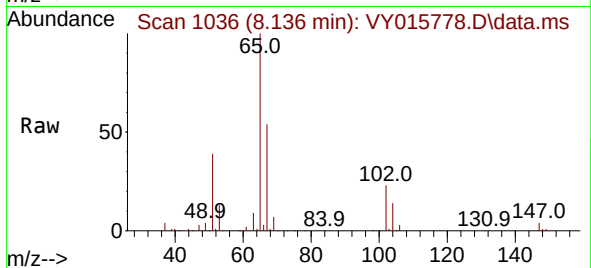
PAT-01-09272023

Tgt Ion: 65 Resp: 90442

Ion Ratio Lower Upper

65 100

67 52.6 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: VY015778.D

Acq: 02 Oct 2023 15:41

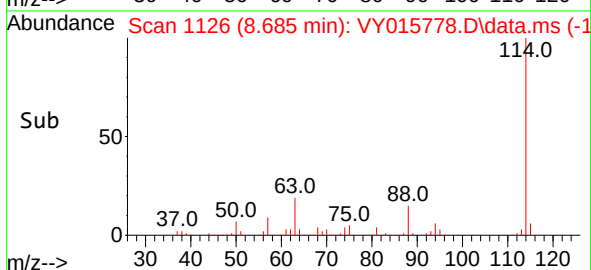
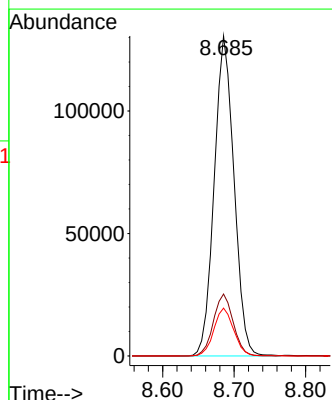
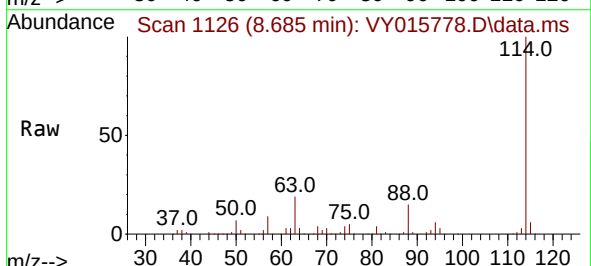
Tgt Ion: 114 Resp: 251038

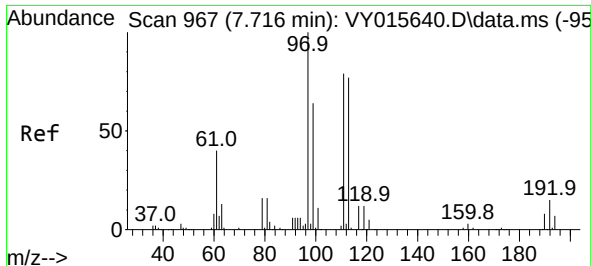
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.296 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY015778.D

Acq: 02 Oct 2023 15:41

Instrument :

MSVOA_Y

ClientSampleId :

PAT-01-09272023

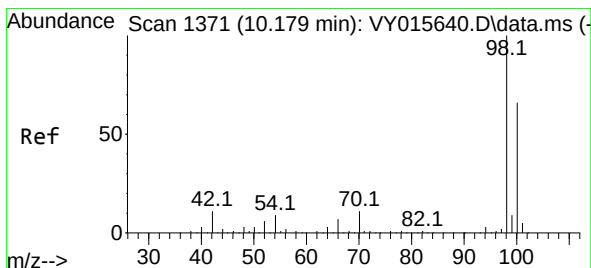
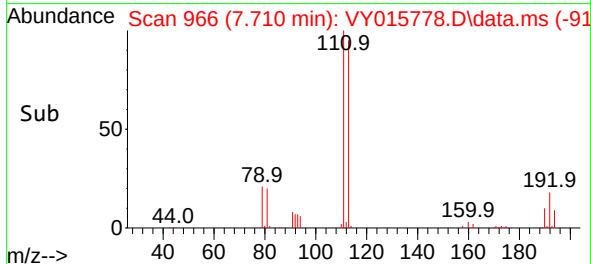
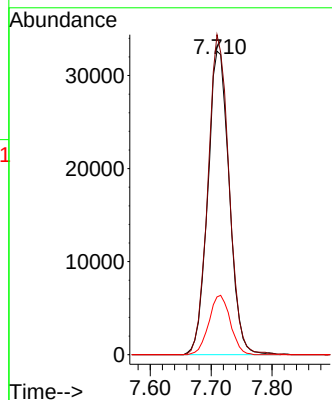
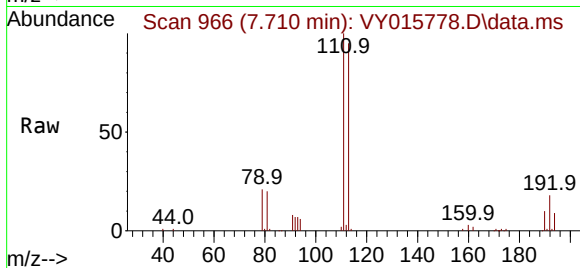
Tgt Ion:113 Resp: 80080

Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.5 16.9 25.3



#50

Toluene-d8

Concen: 57.648 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015778.D

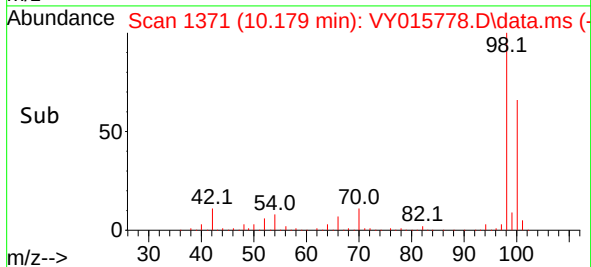
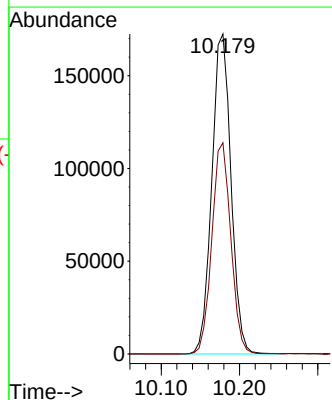
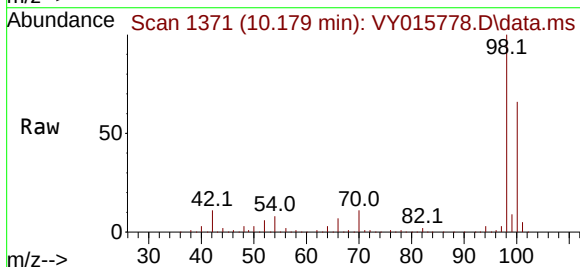
Acq: 02 Oct 2023 15:41

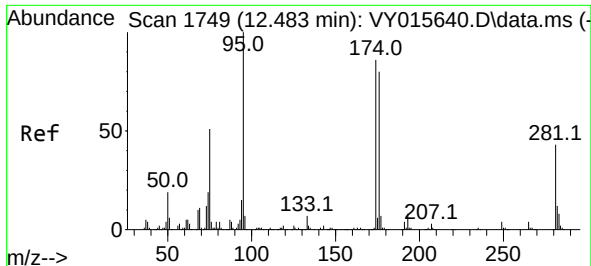
Tgt Ion: 98 Resp: 293693

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

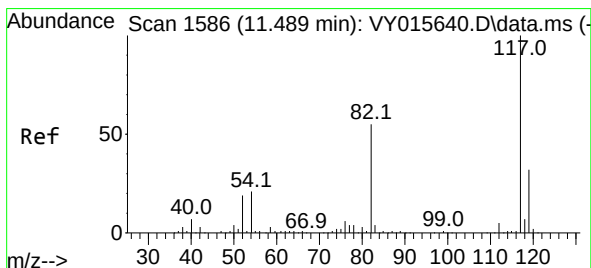
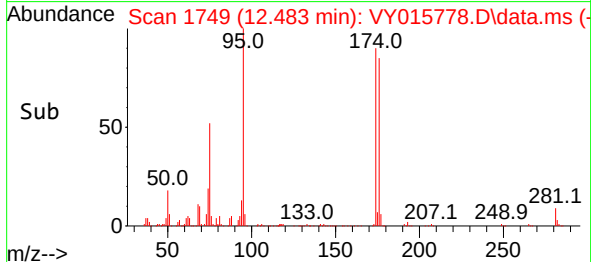
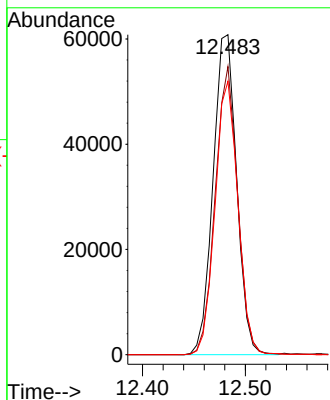
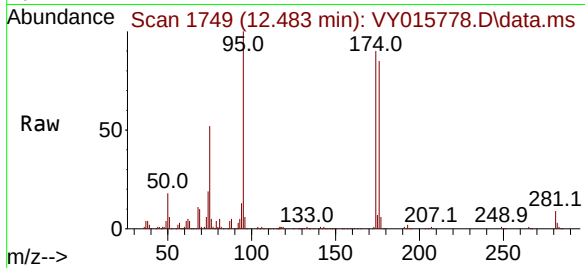




#62
4-Bromofluorobenzene
Concen: 48.401 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015778.D
Acq: 02 Oct 2023 15:41

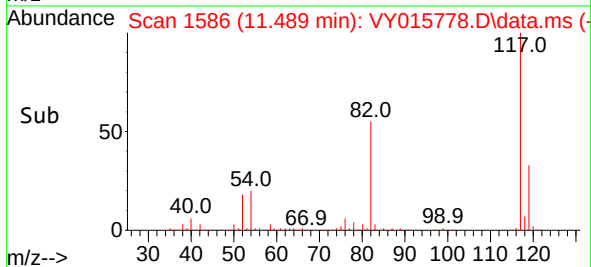
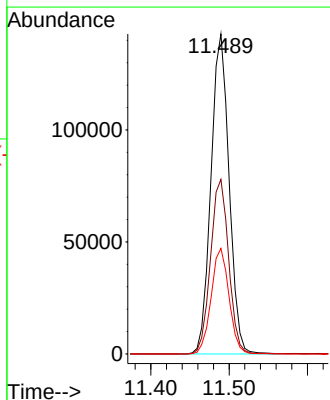
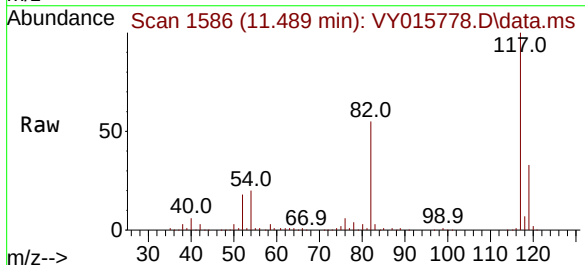
Instrument :
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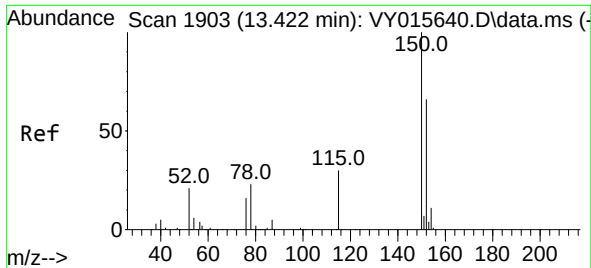
Tgt Ion:	95	Resp:	96768
Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	178.2
176	83.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015778.D
Acq: 02 Oct 2023 15:41

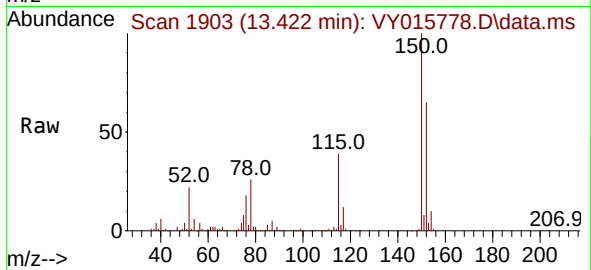
Tgt Ion:	117	Resp:	229487
Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.4	65.0
119	33.0	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015778.D
 Acq: 02 Oct 2023 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-01-09272023



Tgt Ion:	152	Resp:	99709
Ion Ratio	Lower	Upper	
152	100		
115	57.2	28.8	86.5
150	156.3	0.0	348.8

