

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015495.D
 Acq On : 11 Sep 2023 18:27
 Operator : SY/MD
 Sample : 04374-03
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-2-(36-38)

Quant Time: Sep 12 01:21:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

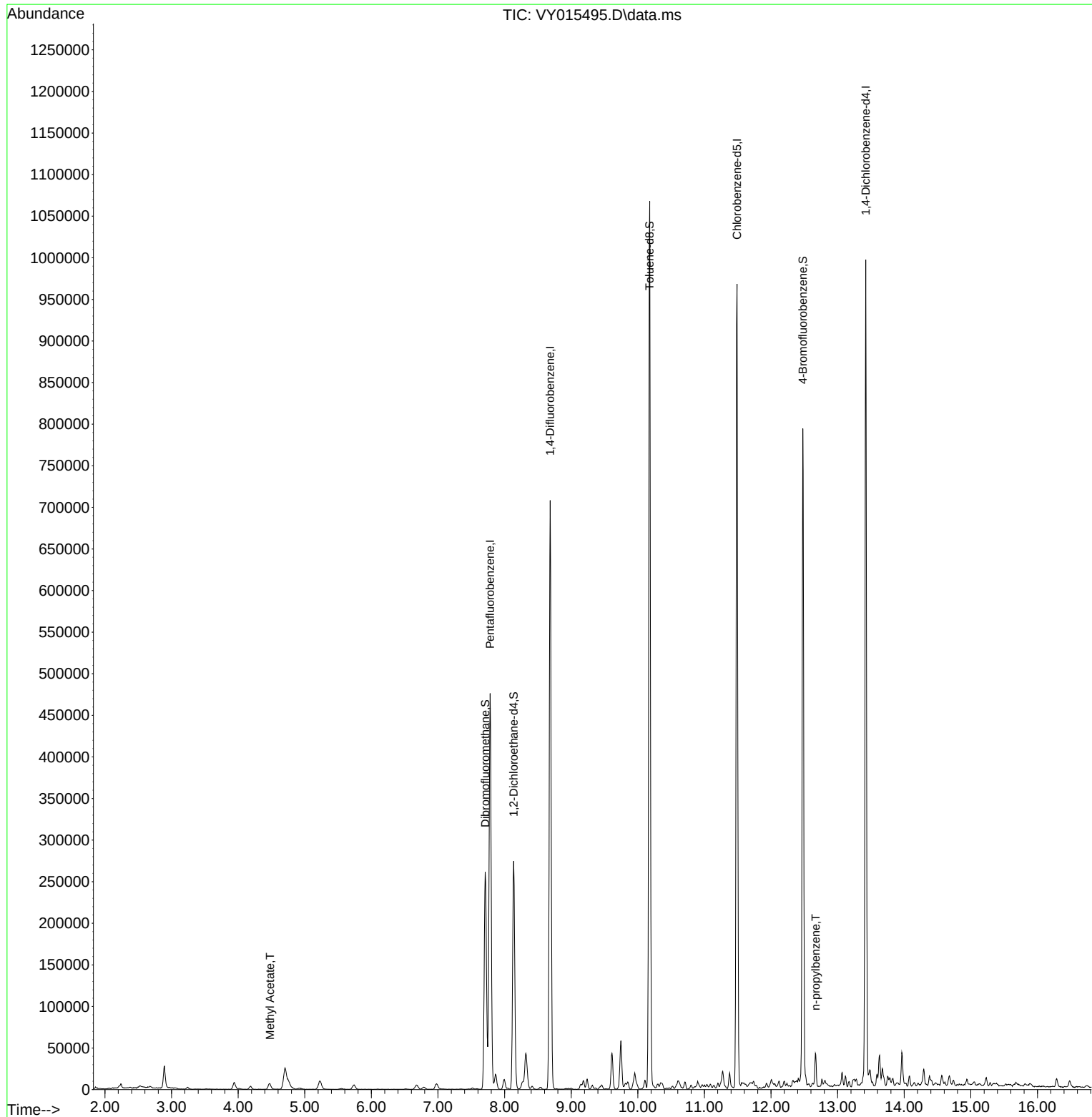
Internal Standards						
1) Pentafluorobenzene	7.783	168	365121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	593921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	528056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	247013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	209690	53.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.140%	
35) Dibromofluoromethane	7.710	113	184167	53.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.680%	
50) Toluene-d8	10.179	98	692543	55.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.800%	
62) 4-Bromofluorobenzene	12.477	95	233008	50.665	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.340%	
Target Compounds						
						Qvalue
18) Methyl Acetate	4.479	43	13681	2.312	ug/l	97
78) n-propylbenzene	12.672	91	30417	1.355	ug/l	100

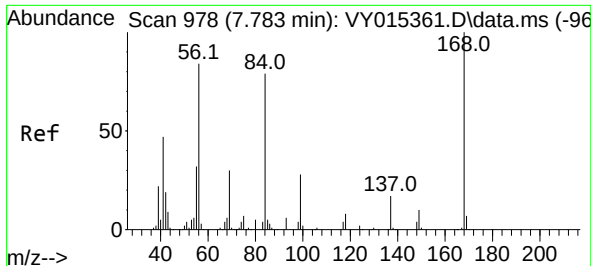
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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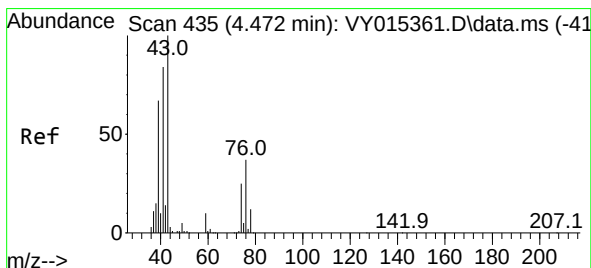
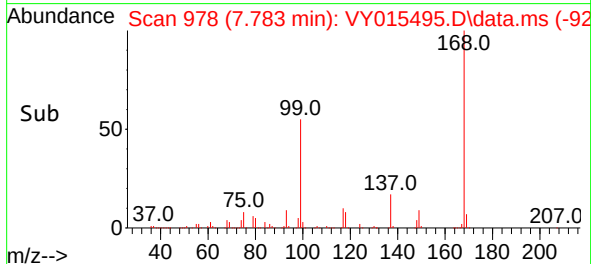
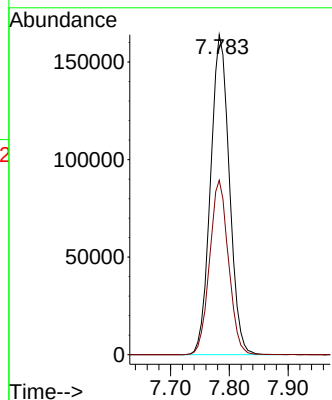
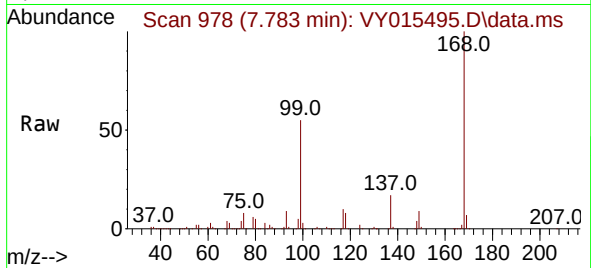




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

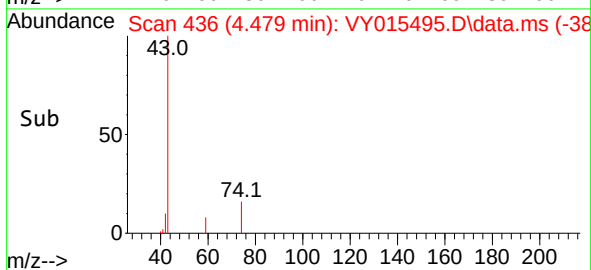
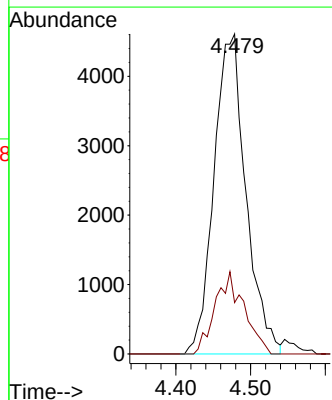
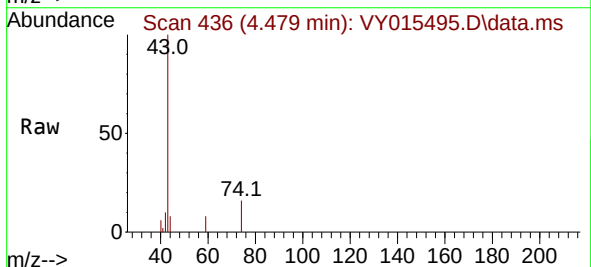
Instrument :
MSVOA_Y
ClientSampleId :
DB-2-(36-38)

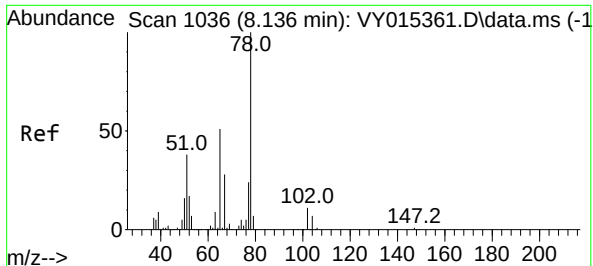
Tgt Ion:168 Resp: 365121
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#18
Methyl Acetate
Concen: 2.312 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Tgt Ion: 43 Resp: 13681
Ion Ratio Lower Upper
43 100
74 23.3 17.4 26.0





#33

1,2-Dichloroethane-d4

Concen: 53.574 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015495.D

Acq: 11 Sep 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

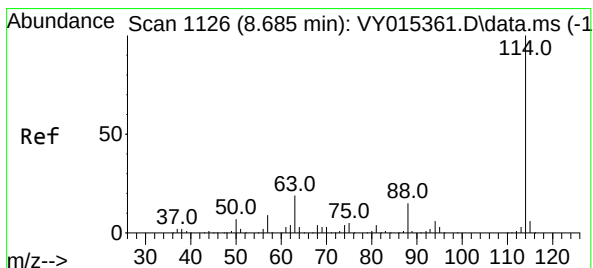
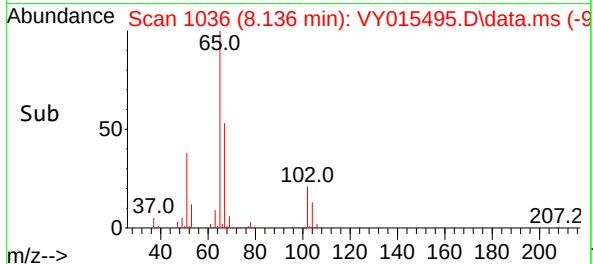
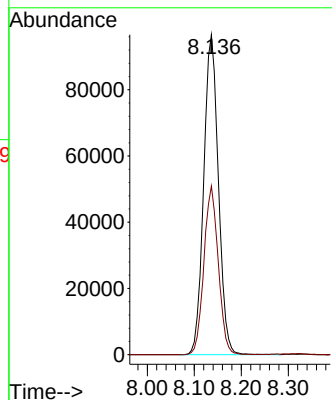
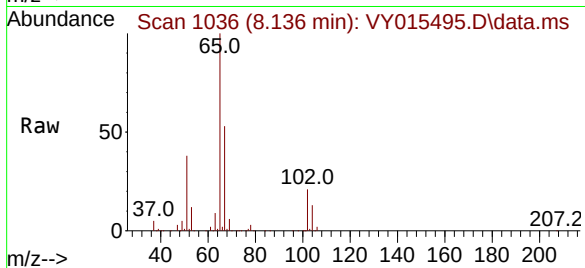
DB-2-(36-38)

Tgt Ion: 65 Resp: 209690

Ion Ratio Lower Upper

65 100

67 51.6 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: VY015495.D

Acq: 11 Sep 2023 18:27

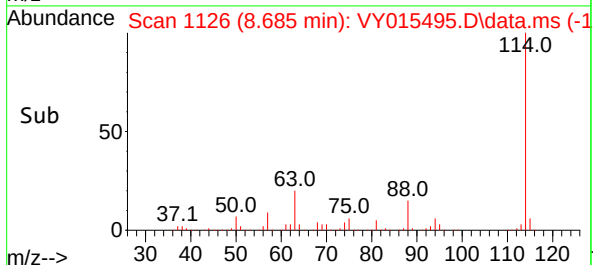
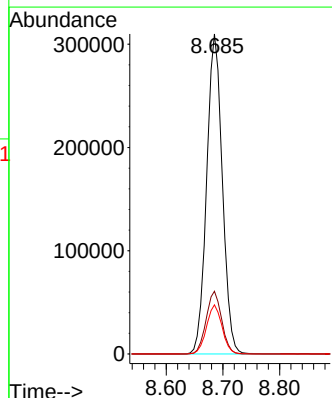
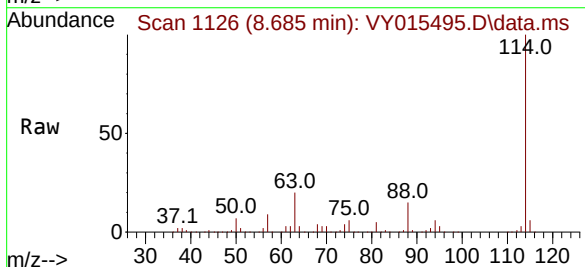
Tgt Ion: 114 Resp: 593921

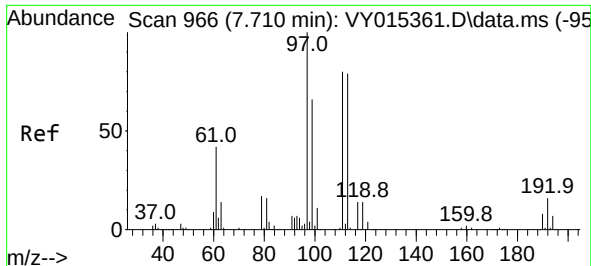
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.3 0.0 30.6

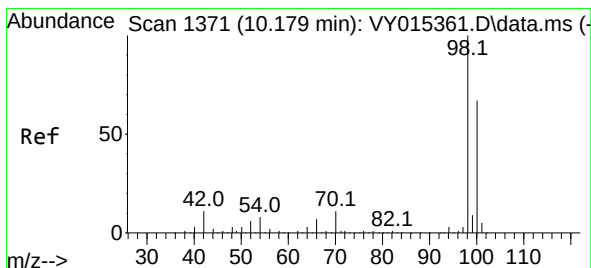
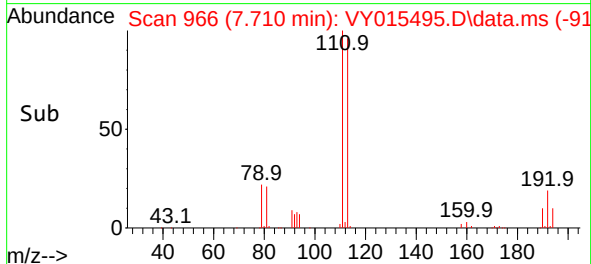
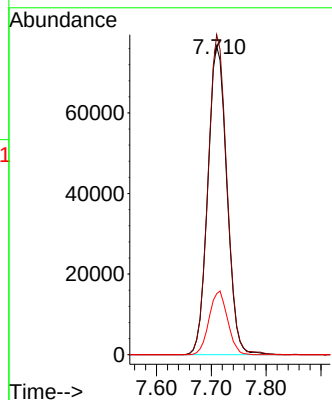
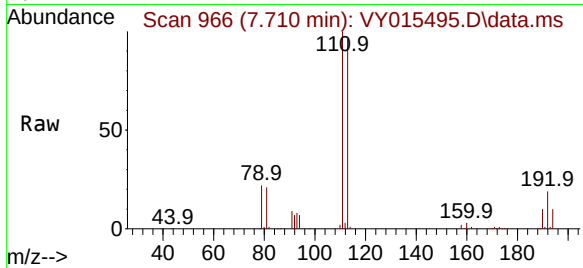




#35
Dibromofluoromethane
Concen: 53.836 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

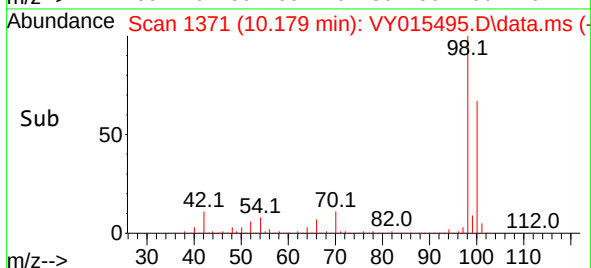
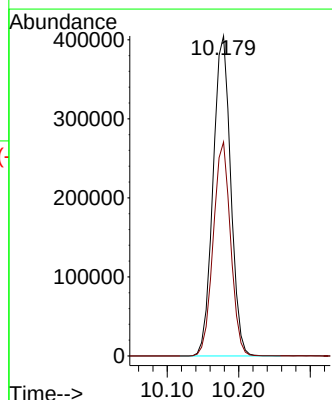
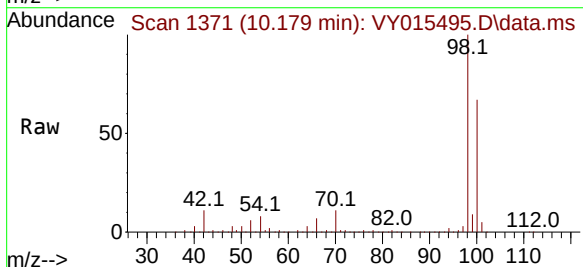
Instrument :
MSVOA_Y
ClientSampleId :
DB-2-(36-38)

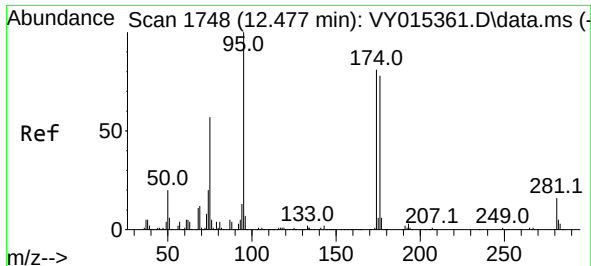
Tgt Ion:113 Resp: 184167
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 55.903 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Tgt Ion: 98 Resp: 692543
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

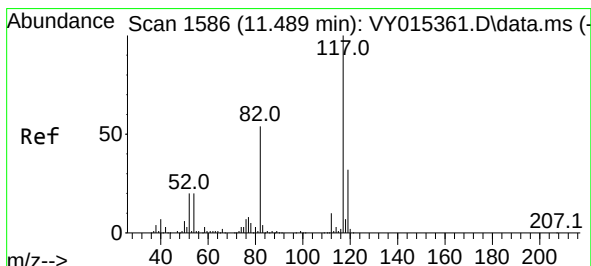
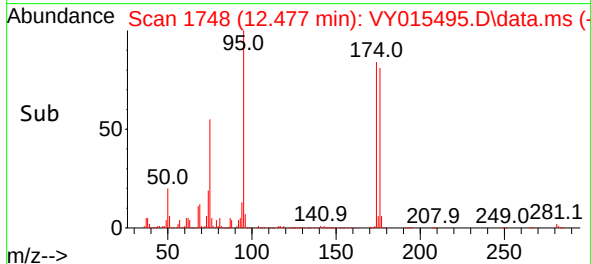
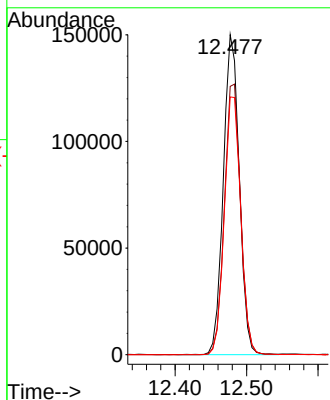
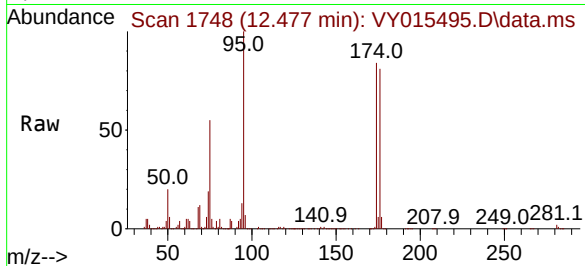




#62
4-Bromofluorobenzene
Concen: 50.665 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

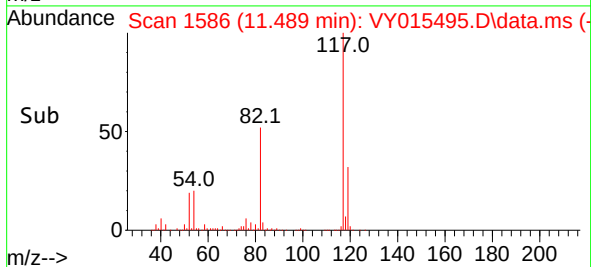
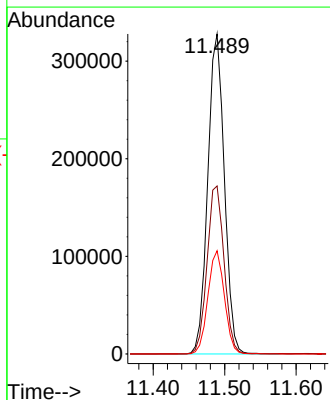
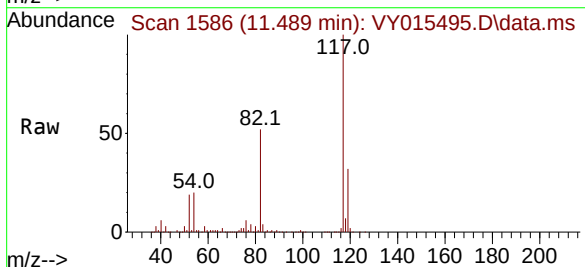
Instrument :
MSVOA_Y
ClientSampleId :
DB-2-(36-38)

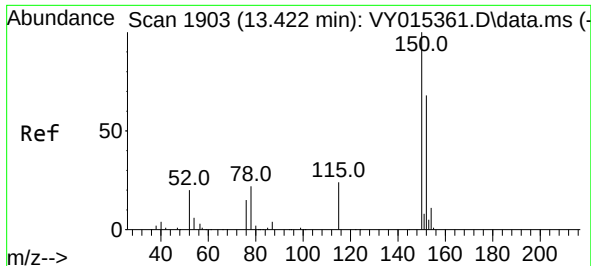
Tgt Ion: 95 Resp: 233008
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Tgt Ion: 117 Resp: 528056
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 32.3 26.3 39.5

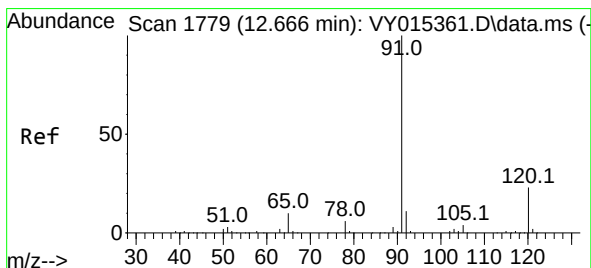
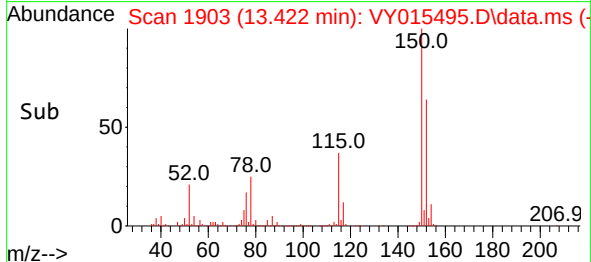
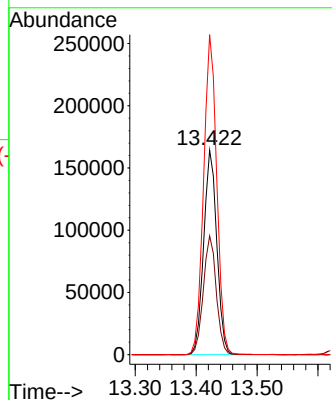
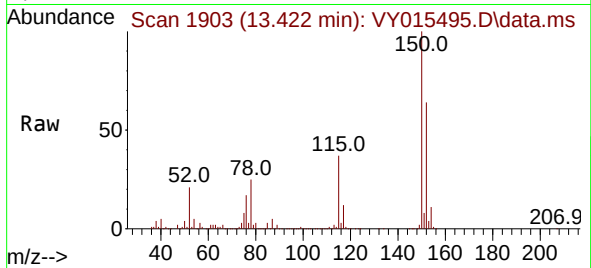




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Instrument :
MSVOA_Y
ClientSampleId :
DB-2-(36-38)

Tgt Ion:152 Resp: 247013
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 156.3 0.0 348.8



#78
n-propylbenzene
Concen: 1.355 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Tgt Ion: 91 Resp: 30417
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

