

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013668.D
 Acq On : 09 May 2023 15:11
 Operator : KP/MD
 Sample : 02624-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WZ-2A

Quant Time: May 10 05:37:42 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)

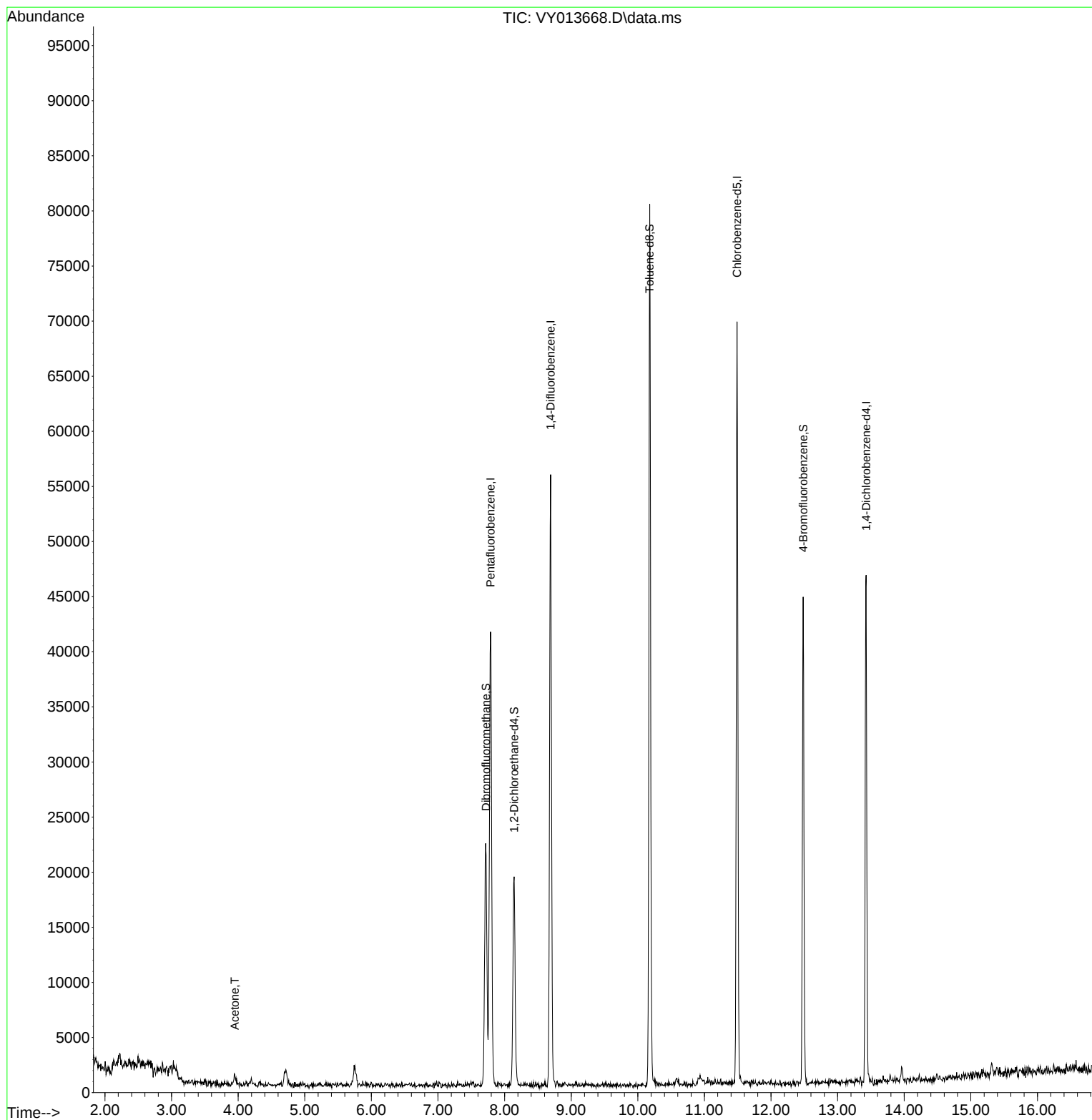
Internal Standards						
1) Pentafluorobenzene	7.789	168	33885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	45527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	36439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	15898	42.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.600%
35) Dibromofluoromethane	7.722	113	15767	55.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.120%
50) Toluene-d8	10.178	98	52878	51.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.483	95	12316	35.864	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.720%
Target Compounds						
16) Acetone	3.948	43	1548	10.582	ug/l	Qvalue 89

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

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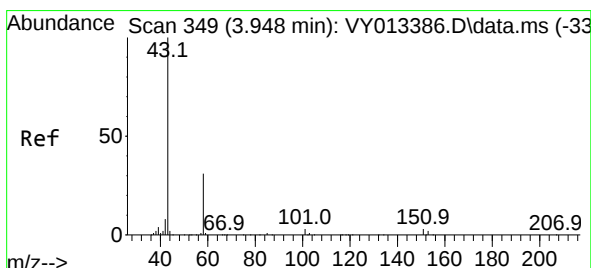
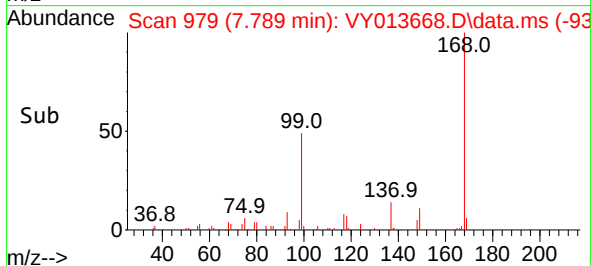
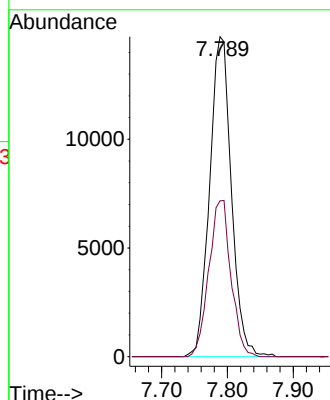
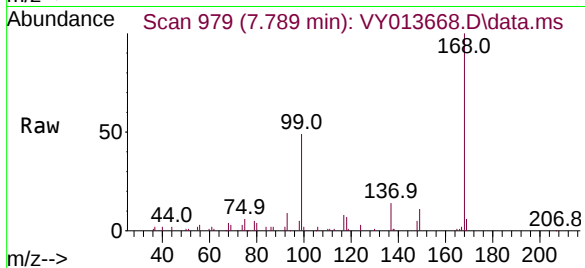




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013668.D
Acq: 09 May 2023 15:11

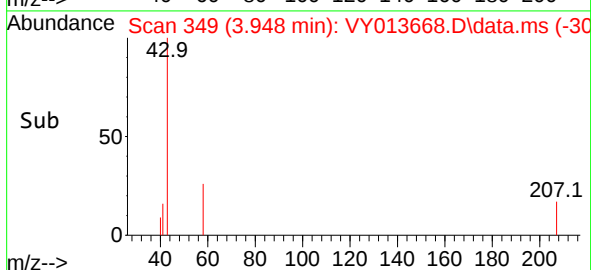
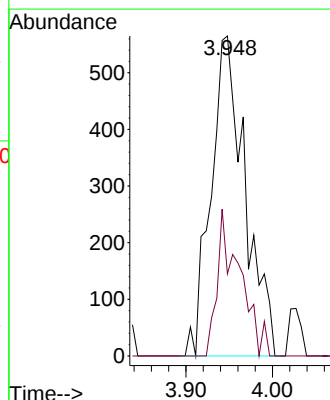
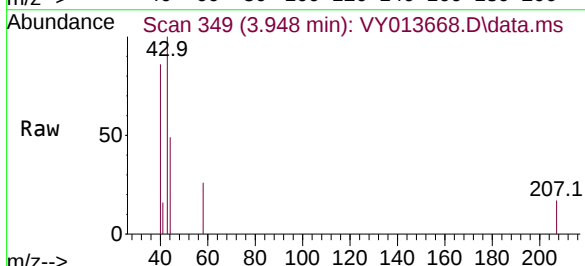
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2A

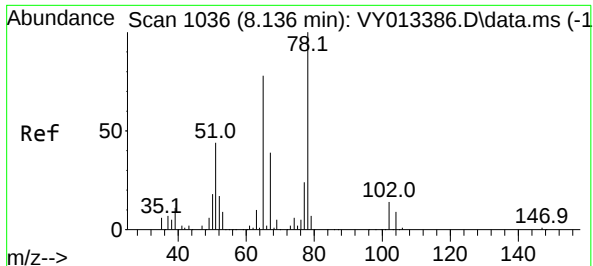
Tgt Ion:168 Resp: 33885
Ion Ratio Lower Upper
168 100
99 48.7 41.8 62.6



#16
Acetone
Concen: 10.582 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013668.D
Acq: 09 May 2023 15:11

Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 25.7 25.4 38.0

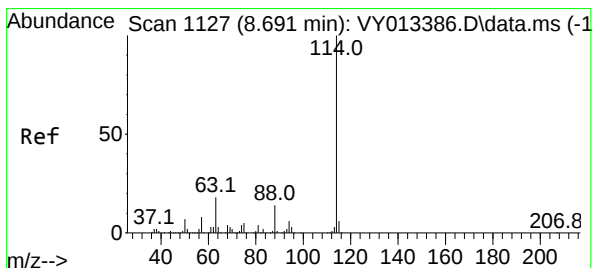
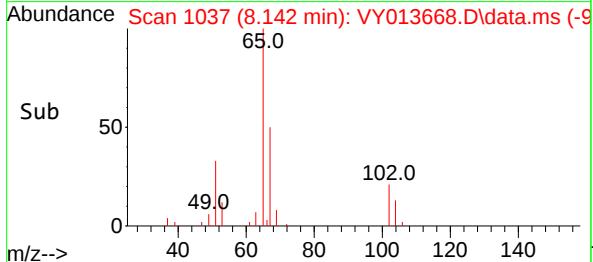
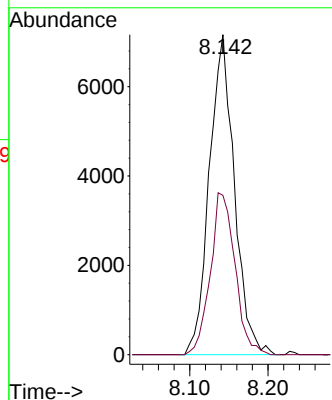
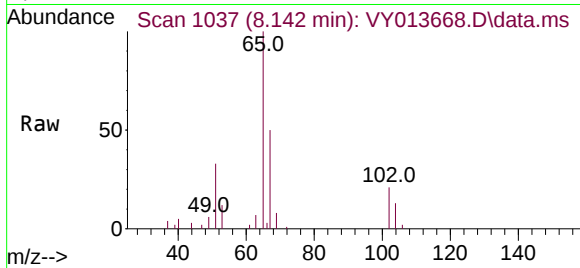




#33
1,2-Dichloroethane-d4
Concen: 42.799 ug/l
RT: 8.142 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY013668.D
Acq: 09 May 2023 15:11

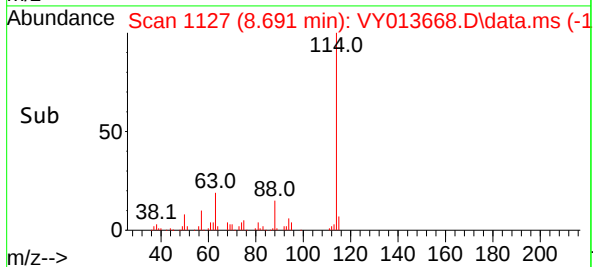
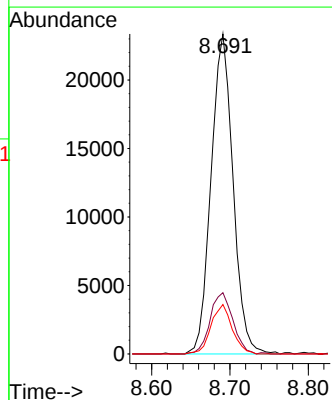
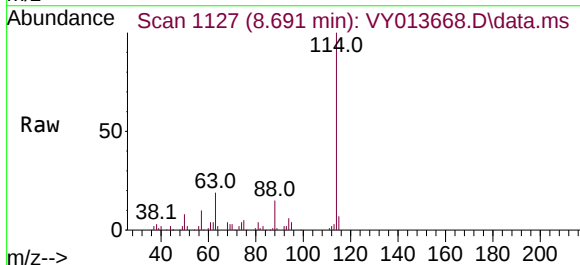
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2A

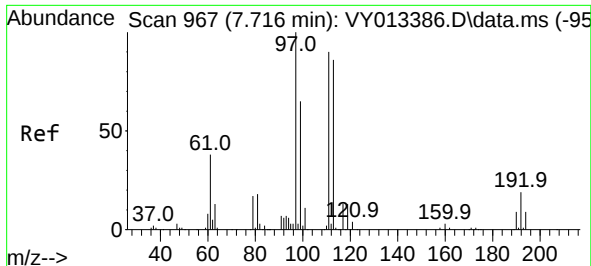
Tgt Ion: 65 Resp: 15898
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013668.D
Acq: 09 May 2023 15:11

Tgt Ion: 114 Resp: 45527
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.6
88 15.4 0.0 28.8

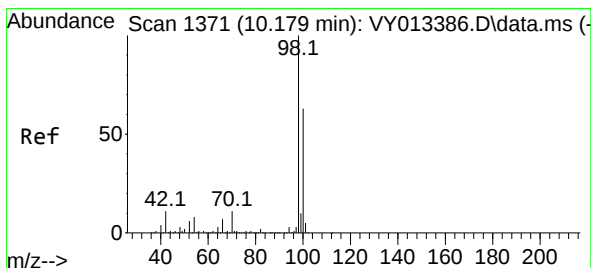
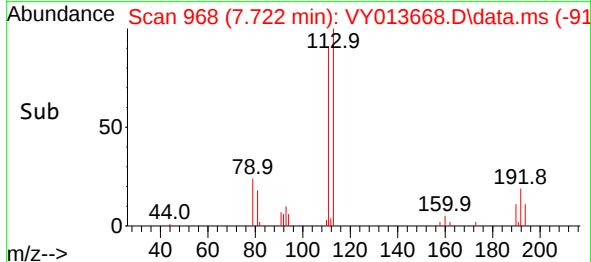
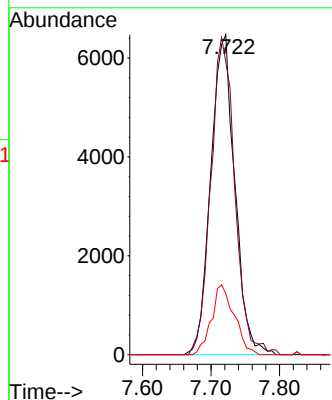
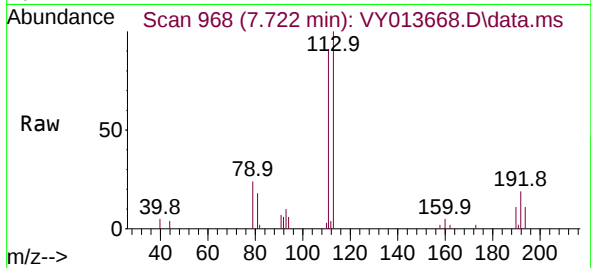




#35
Dibromofluoromethane
Concen: 55.063 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013668.D
Acq: 09 May 2023 15:11

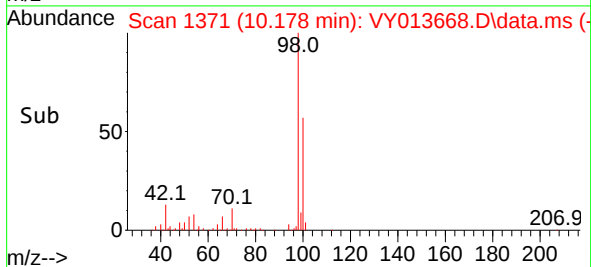
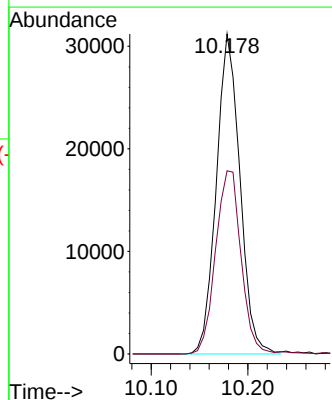
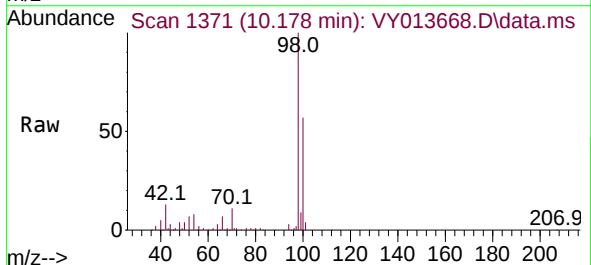
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2A

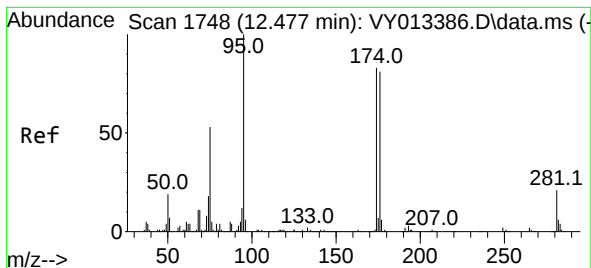
Tgt Ion:113 Resp: 15767
Ion Ratio Lower Upper
113 100
111 99.0 82.2 123.2
192 20.7 16.7 25.1



#50
Toluene-d8
Concen: 51.910 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY013668.D
Acq: 09 May 2023 15:11

Tgt Ion: 98 Resp: 52878
Ion Ratio Lower Upper
98 100
100 62.1 50.5 75.7

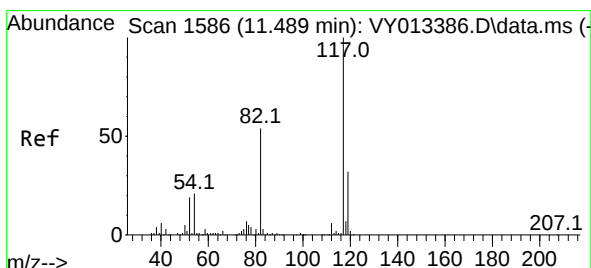
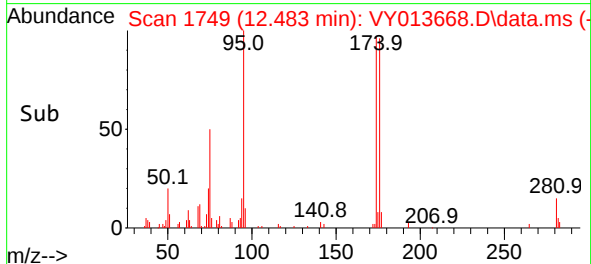
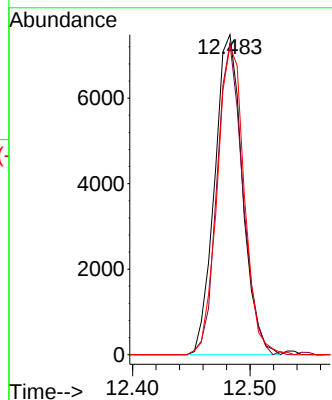
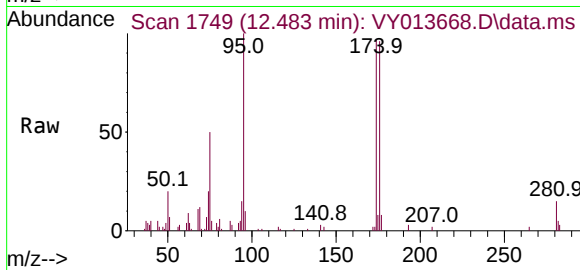




#62
4-Bromofluorobenzene
Concen: 35.864 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013668.D
Acq: 09 May 2023 15:11

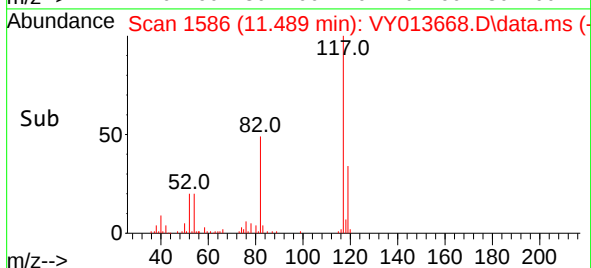
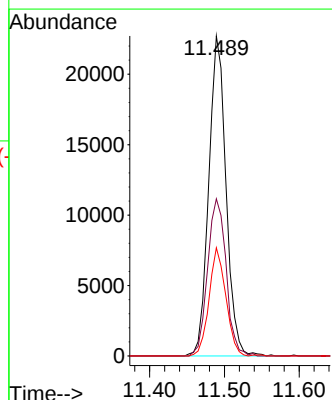
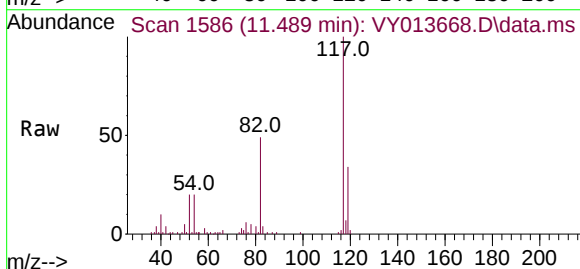
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2A

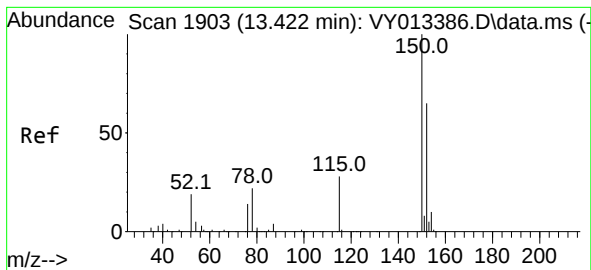
Tgt Ion:	95	Resp:	12316
Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	182.0
176	93.9	0.0	175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013668.D
Acq: 09 May 2023 15:11

Tgt Ion:	117	Resp:	36439
Ion	Ratio	Lower	Upper
117	100		
82	49.1	43.0	64.6
119	33.8	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013668.D

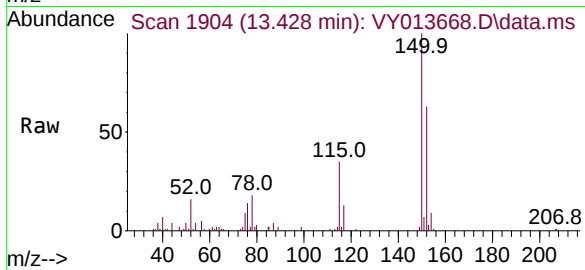
Acq: 09 May 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

WZ-2A



Tgt Ion:152 Resp: 12631

Ion Ratio Lower Upper

152 100

115 57.7 28.1 84.2

150 154.1 0.0 352.0

