

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017194.D
 Acq On : 02 Feb 2024 19:10
 Operator : SY/MD
 Sample : P1295-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-013024

Quant Time: Feb 02 22:34:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

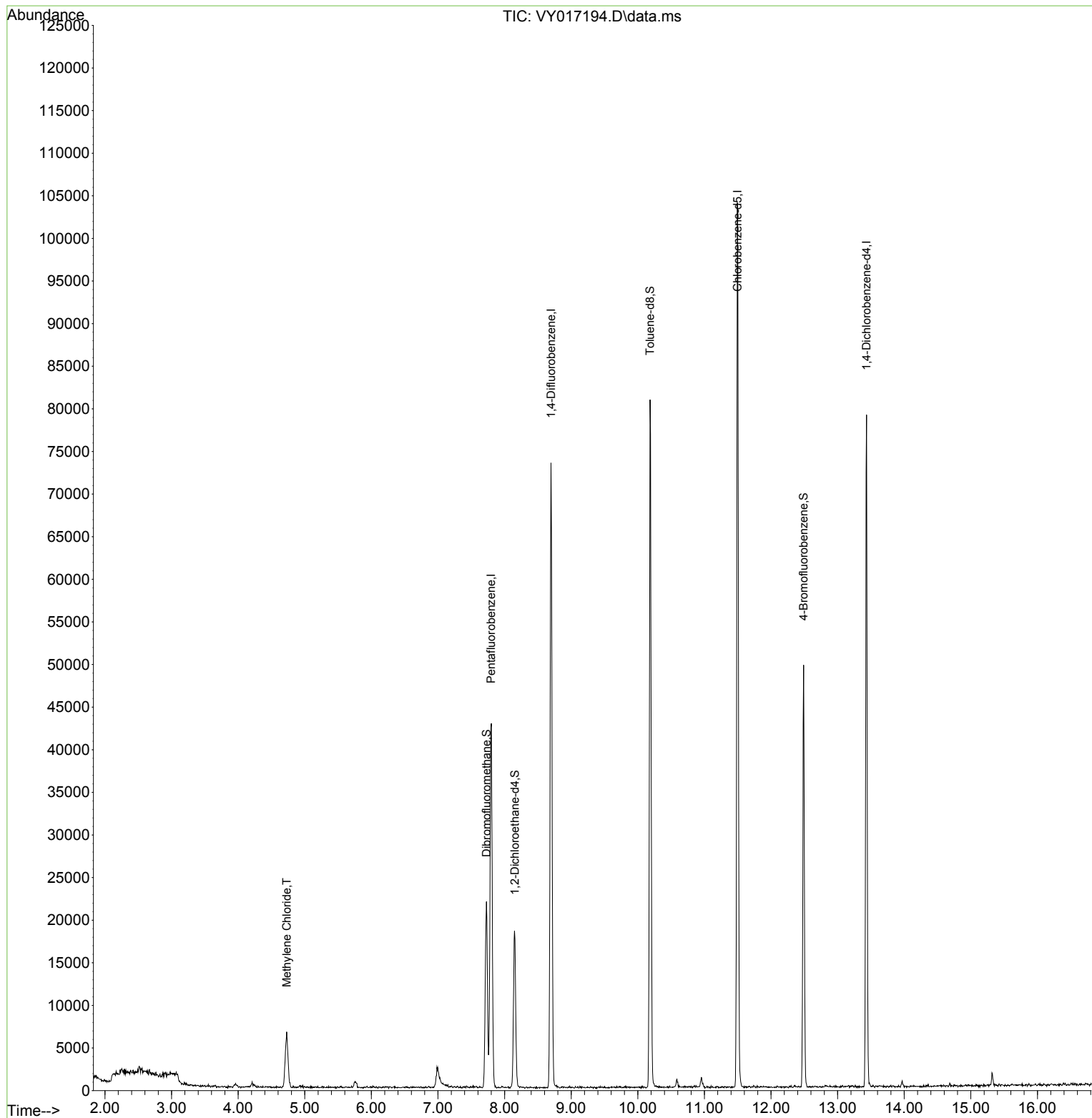
Internal Standards						
1) Pentafluorobenzene	7.795	168	33178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	62165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	57724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	20272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	14418	48.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.300%		
35) Dibromofluoromethane	7.728	113	15893	47.350	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.700%		
50) Toluene-d8	10.185	98	54379	44.497	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.000%		
62) 4-Bromofluorobenzene	12.489	95	15463	38.626	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.260%		
Target Compounds						
20) Methylene Chloride	4.728	84	4758	10.573	ug/l	Qvalue 93

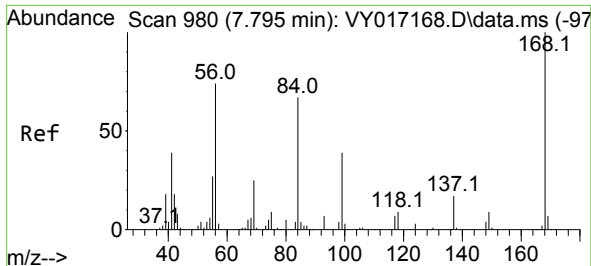
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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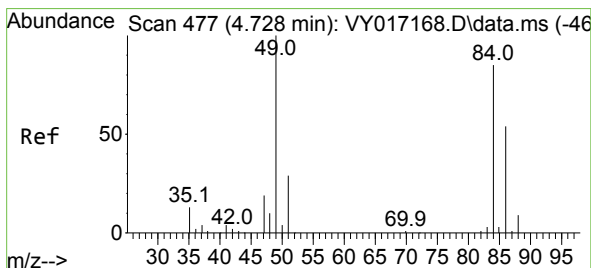
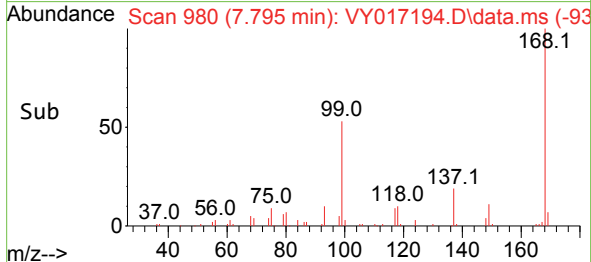
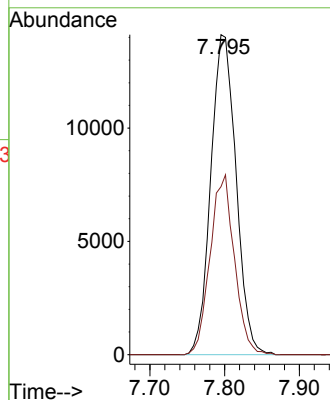
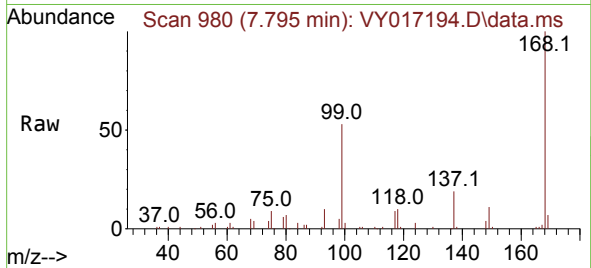




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

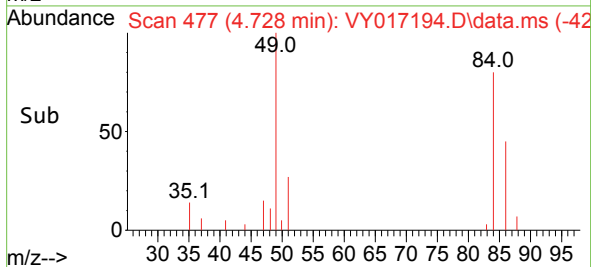
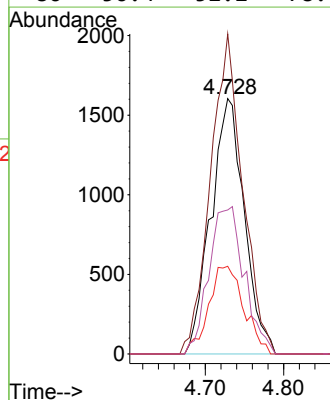
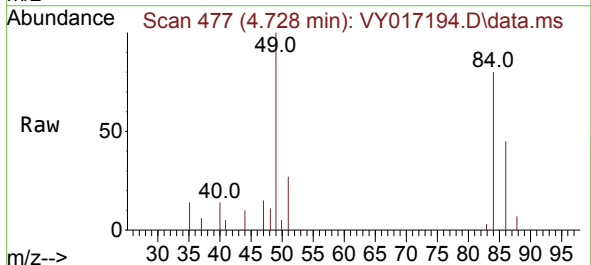
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

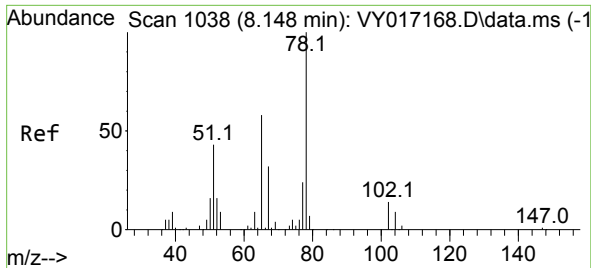
Tgt Ion:168 Resp: 33178
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#20
Methylene Chloride
Concen: 10.573 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

Tgt Ion: 84 Resp: 4758
Ion Ratio Lower Upper
84 100
49 125.3 95.2 142.8
51 34.4 29.9 44.9
86 56.4 52.2 78.4

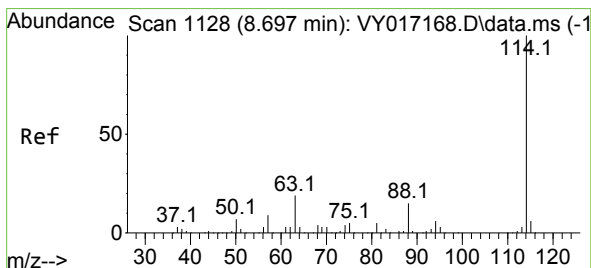
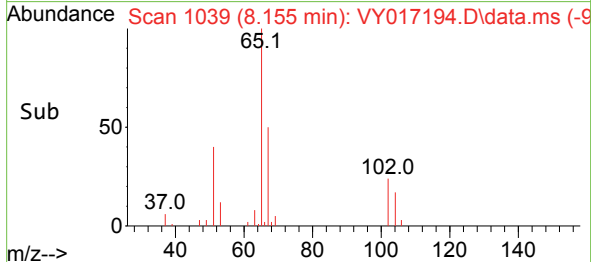
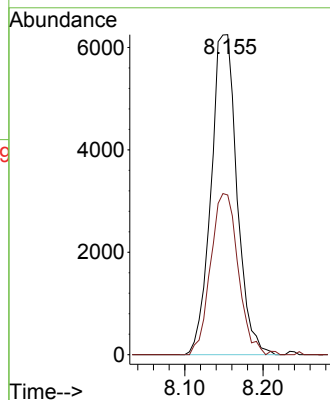
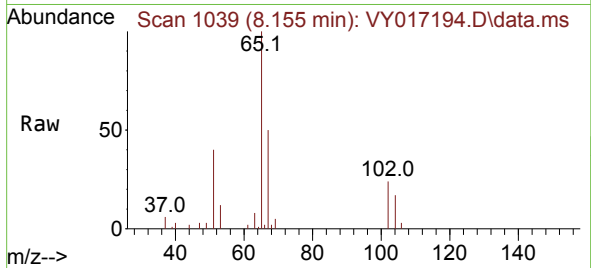




#33
 1,2-Dichloroethane-d4
 Concen: 48.645 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY017194.D
 Acq: 02 Feb 2024 19:10

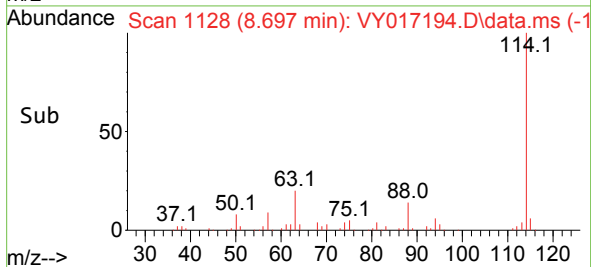
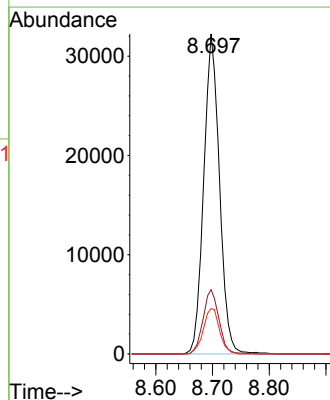
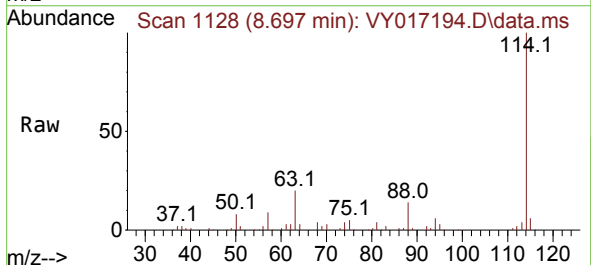
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-013024

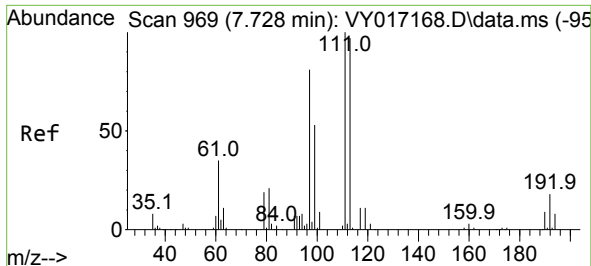
Tgt Ion: 65 Resp: 14418
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY017194.D
 Acq: 02 Feb 2024 19:10

Tgt Ion: 114 Resp: 62165
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.4
 88 14.2 0.0 29.0

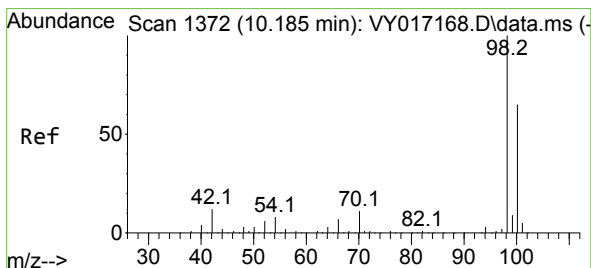
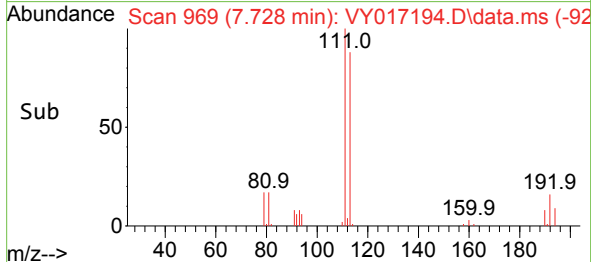
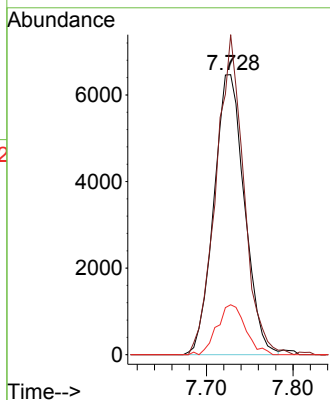
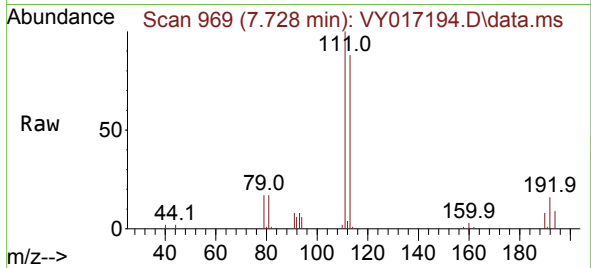




#35
 Dibromofluoromethane
 Concen: 47.350 ug/l
 RT: 7.728 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VY017194.D
 Acq: 02 Feb 2024 19:10

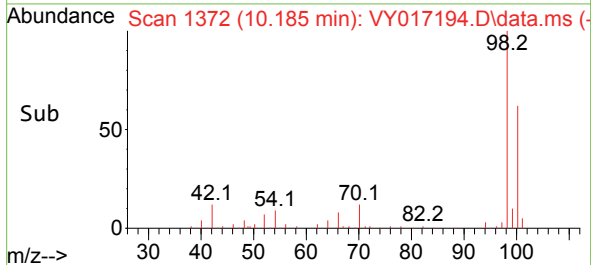
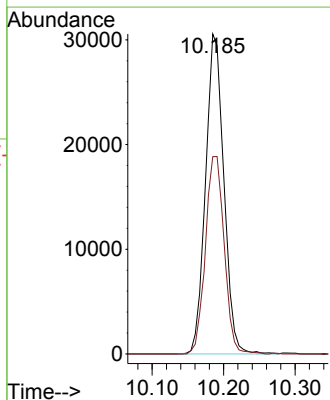
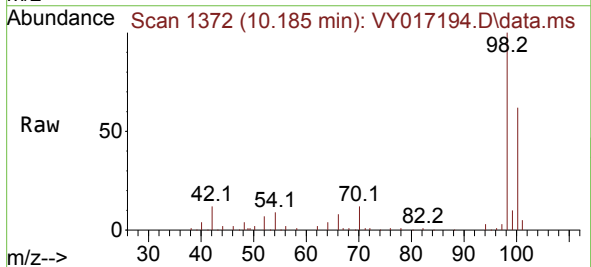
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-013024

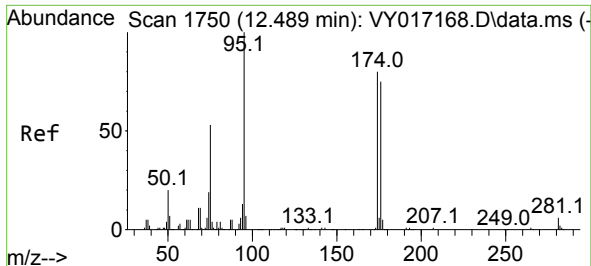
Tgt Ion:	113	Resp:	15893
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.8	125.6
192	16.6	14.5	21.7



#50
 Toluene-d8
 Concen: 44.497 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: VY017194.D
 Acq: 02 Feb 2024 19:10

Tgt Ion:	98	Resp:	54379
Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.3	78.5

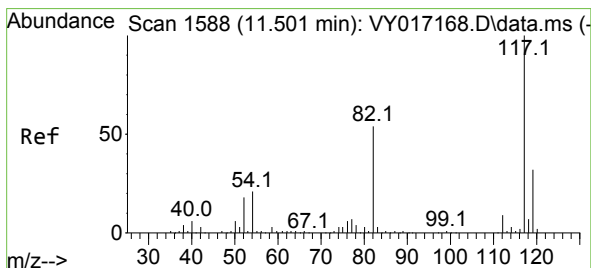
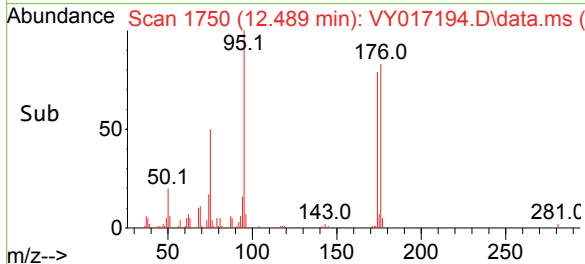
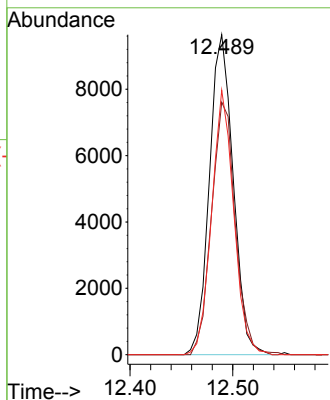
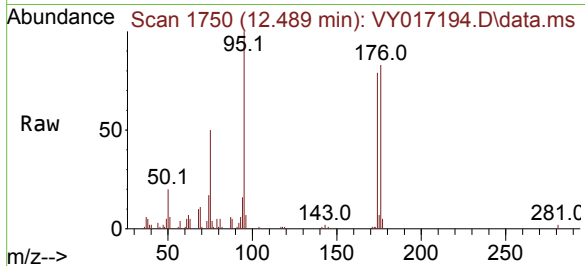




#62
4-Bromofluorobenzene
Concen: 38.626 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

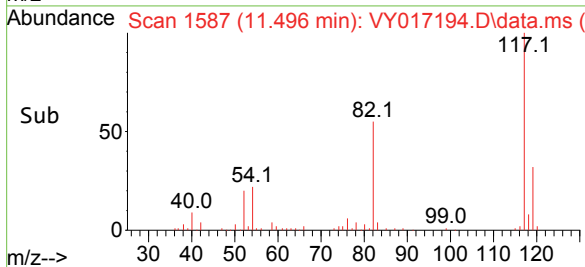
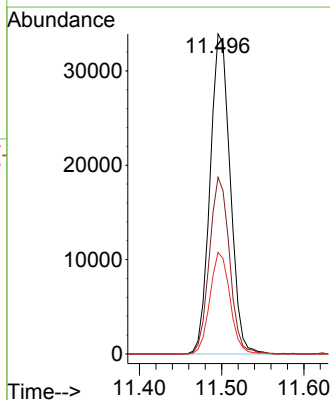
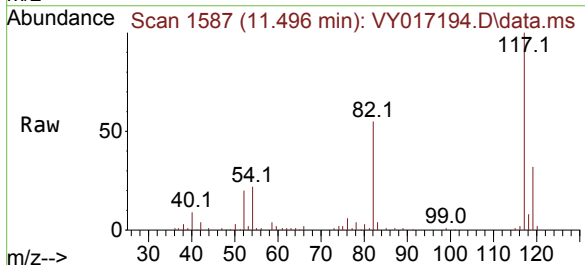
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

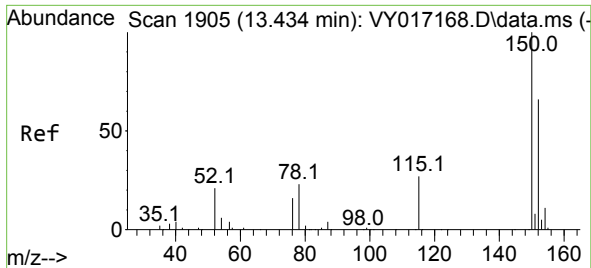
Tgt Ion:	95	Resp:	15463
Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	160.0
176	77.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

Tgt Ion:	117	Resp:	57724
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.8	65.8
119	31.8	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017194.D

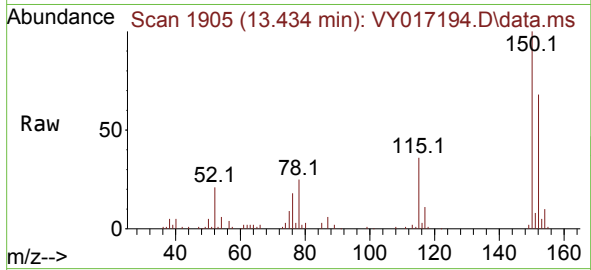
Acq: 02 Feb 2024 19:10

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-013024



Tgt Ion:152 Resp: 20272

Ion Ratio Lower Upper

152 100

115 56.7 30.0 90.0

150 152.8 0.0 344.6

