

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017274.D
 Acq On : 06 Feb 2024 18:58
 Operator : SY/MD
 Sample : P1336-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 356

Quant Time: Feb 07 00:11:43 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)

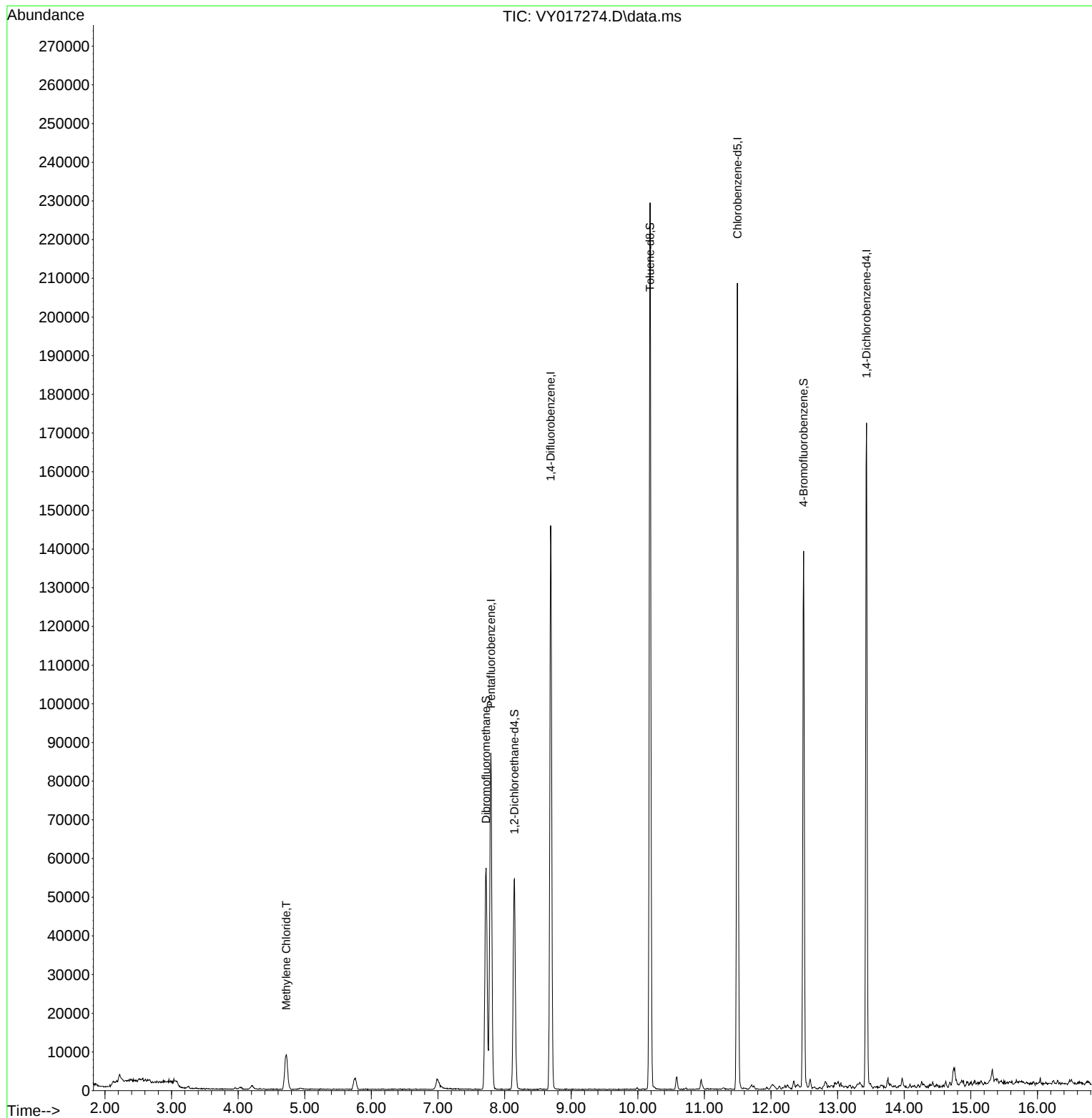
Internal Standards						
1) Pentafluorobenzene	7.795	168	63942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	122130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	108676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	41228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	41464	72.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.180%	
35) Dibromofluoromethane	7.722	113	41217	62.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.000%	
50) Toluene-d8	10.185	98	145332	60.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 121.060%	
62) 4-Bromofluorobenzene	12.489	95	42449	53.972	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.940%	
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	7083	7.310	ug/l	96

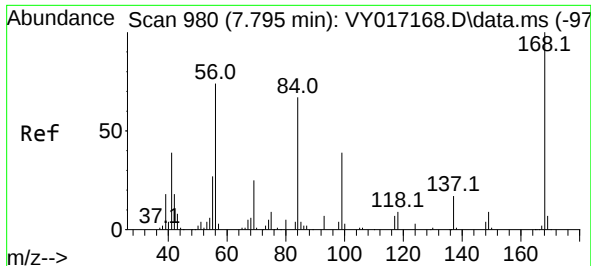
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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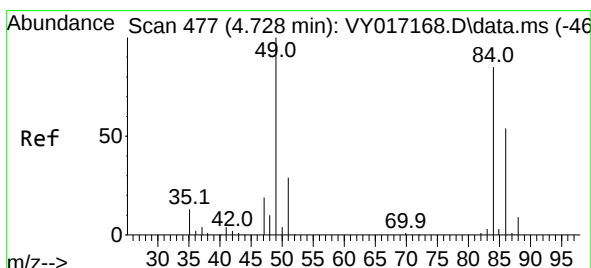
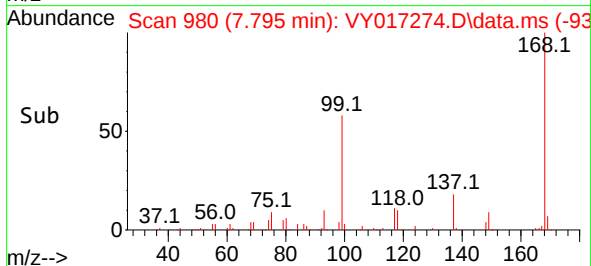
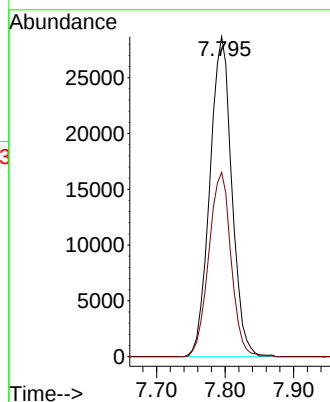
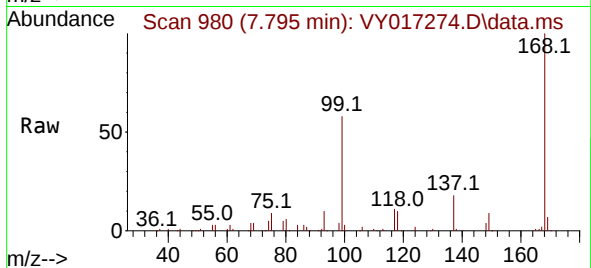




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017274.D
Acq: 06 Feb 2024 18:58

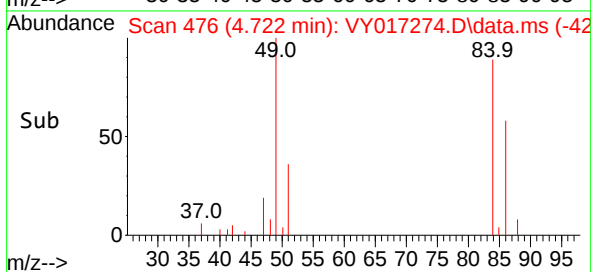
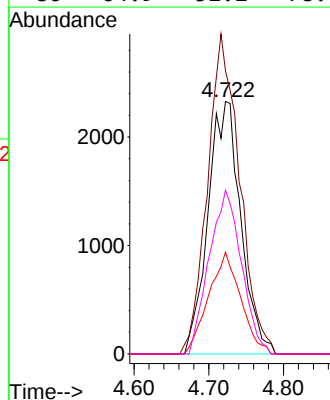
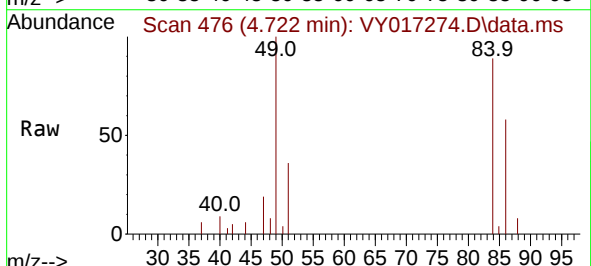
Instrument :
MSVOA_Y
ClientSampleId :
356

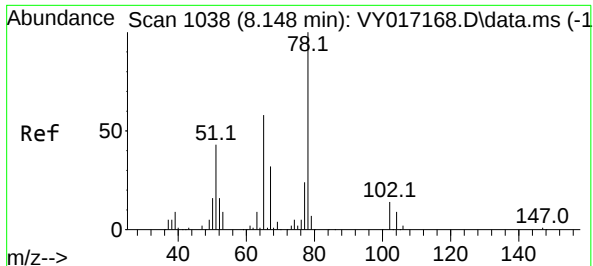
Tgt Ion:168 Resp: 63942
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4



#20
Methylene Chloride
Concen: 7.310 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017274.D
Acq: 06 Feb 2024 18:58

Tgt Ion: 84 Resp: 7083
Ion Ratio Lower Upper
84 100
49 112.2 95.2 142.8
51 40.3 29.9 44.9
86 64.9 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 72.589 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017274.D

Acq: 06 Feb 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

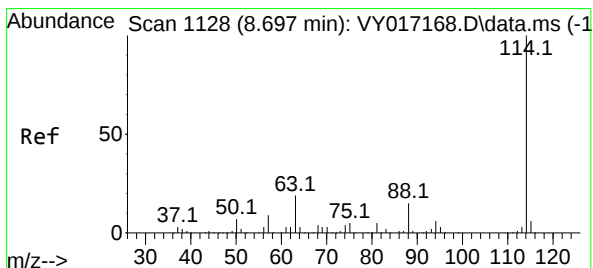
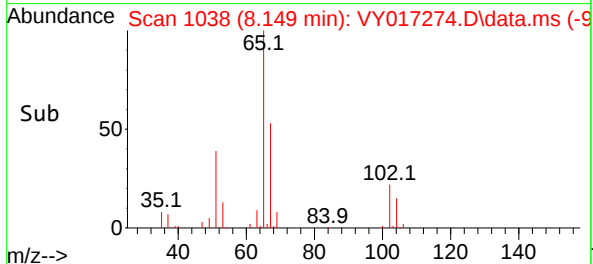
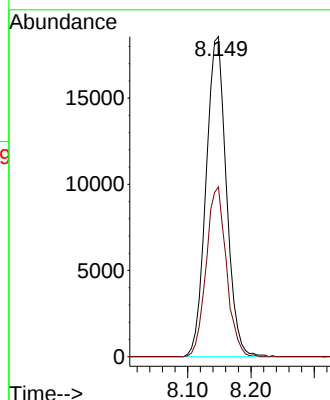
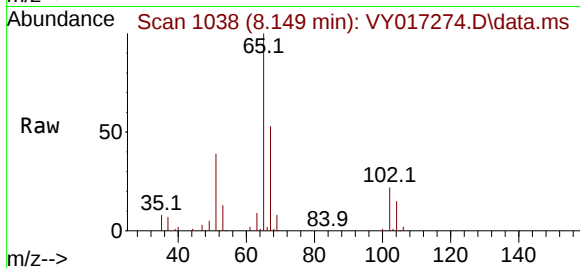
356

Tgt Ion: 65 Resp: 41464

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017274.D

Acq: 06 Feb 2024 18:58

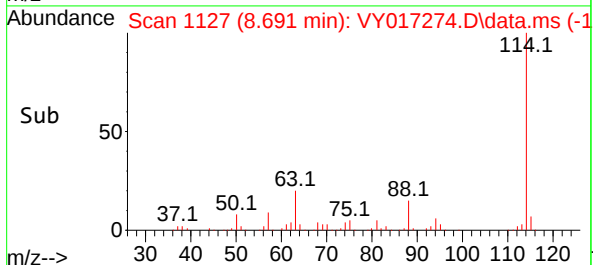
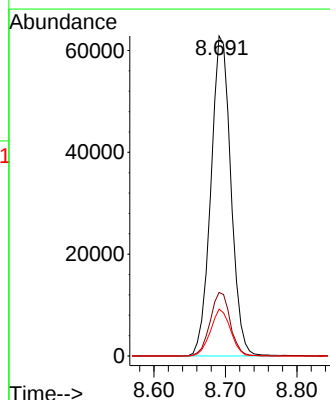
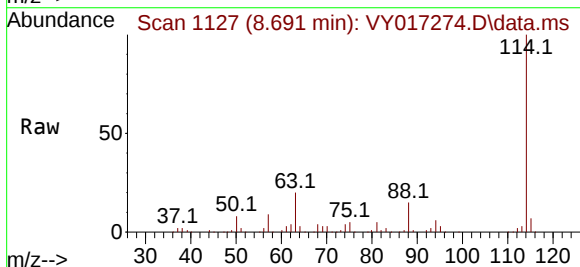
Tgt Ion: 114 Resp: 122130

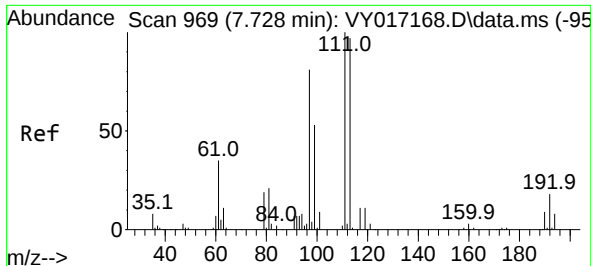
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.7 0.0 29.0

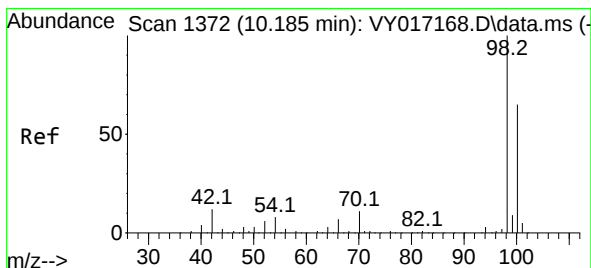
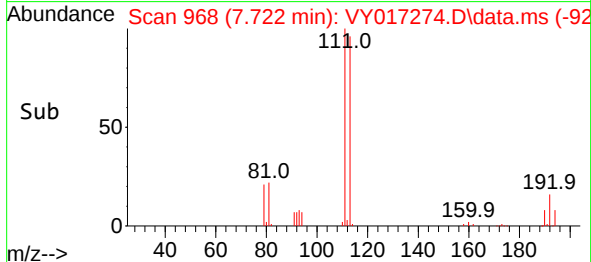
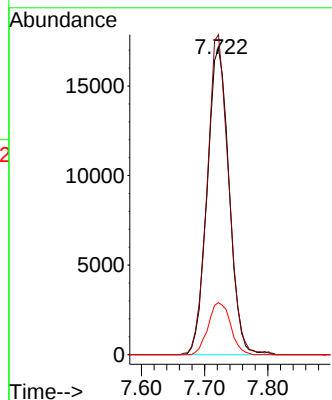
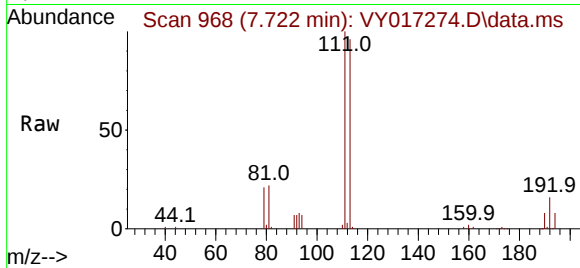




#35
Dibromofluoromethane
Concen: 62.505 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017274.D
Acq: 06 Feb 2024 18:58

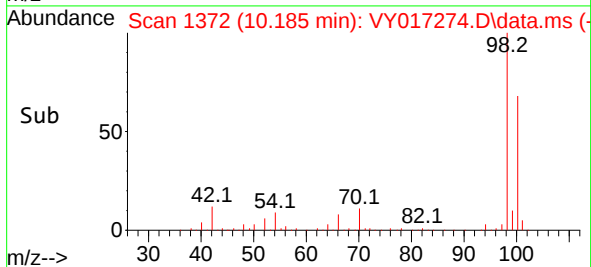
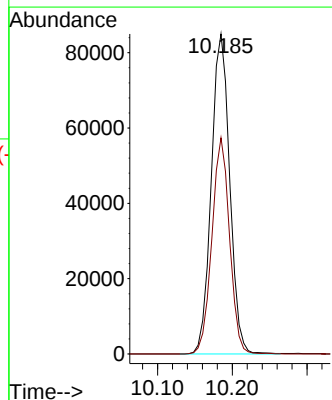
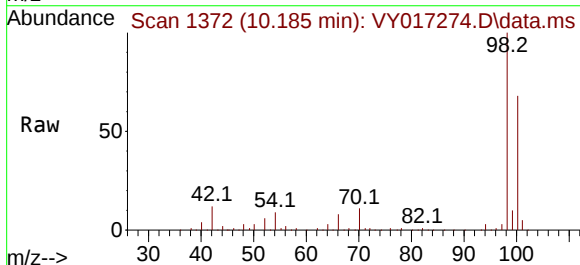
Instrument :
MSVOA_Y
ClientSampleId :
356

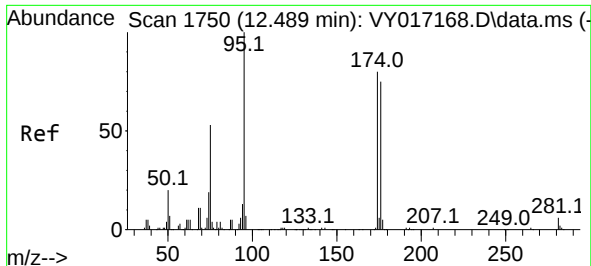
Tgt Ion:113 Resp: 41217
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 17.3 14.5 21.7



#50
Toluene-d8
Concen: 60.532 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017274.D
Acq: 06 Feb 2024 18:58

Tgt Ion: 98 Resp: 145332
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

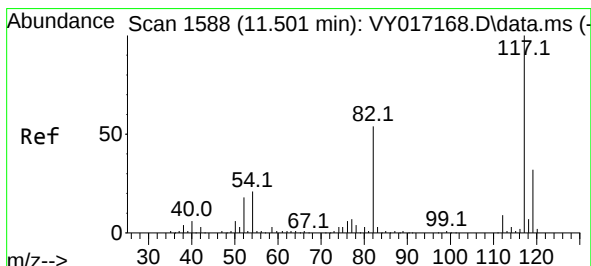
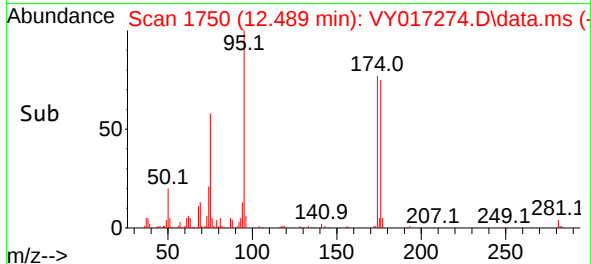
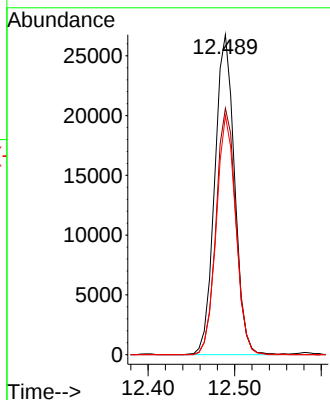
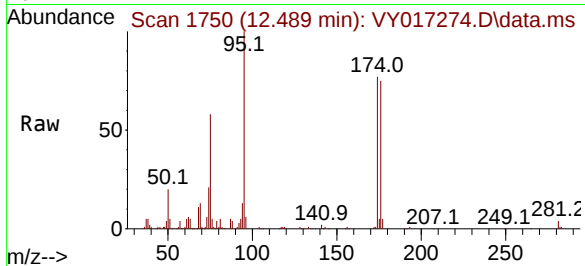




#62
4-Bromofluorobenzene
Concen: 53.972 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017274.D
Acq: 06 Feb 2024 18:58

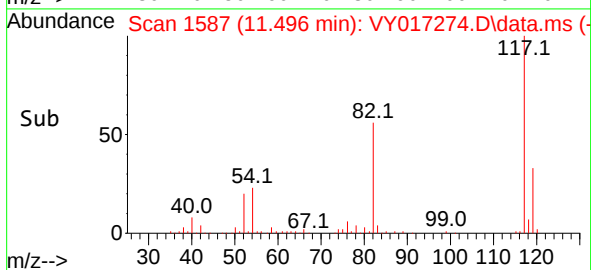
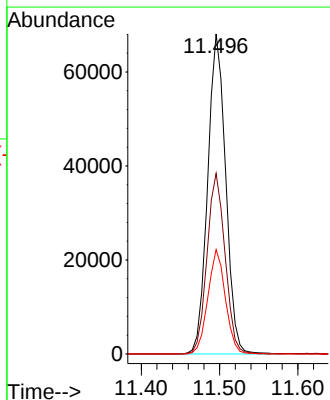
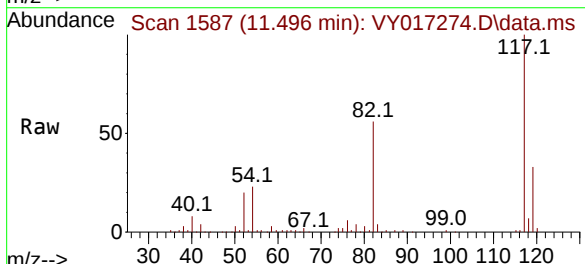
Instrument :
MSVOA_Y
ClientSampleId :
356

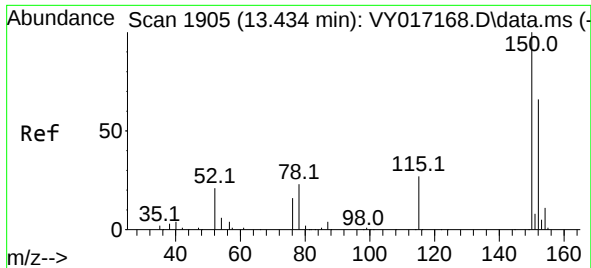
Tgt Ion:	95	Resp:	42449
Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	160.0
176	73.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017274.D
Acq: 06 Feb 2024 18:58

Tgt Ion:	117	Resp:	108676
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.8	65.8
119	32.6	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: VY017274.D

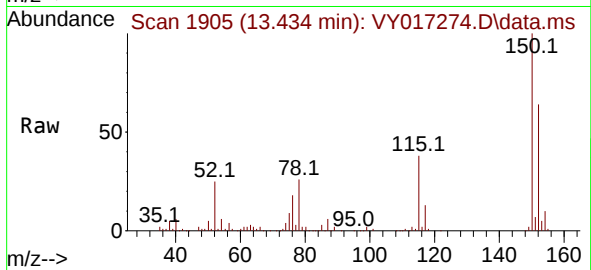
Acq: 06 Feb 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

356



Tgt Ion:152 Resp: 41228

Ion Ratio Lower Upper

152 100

115 61.4 30.0 90.0

150 157.1 0.0 344.6

