

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017684.D
 Acq On : 15 Mar 2024 19:43
 Operator : SY/MD
 Sample : P1774-02
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP9

Quant Time: Mar 16 00:21:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

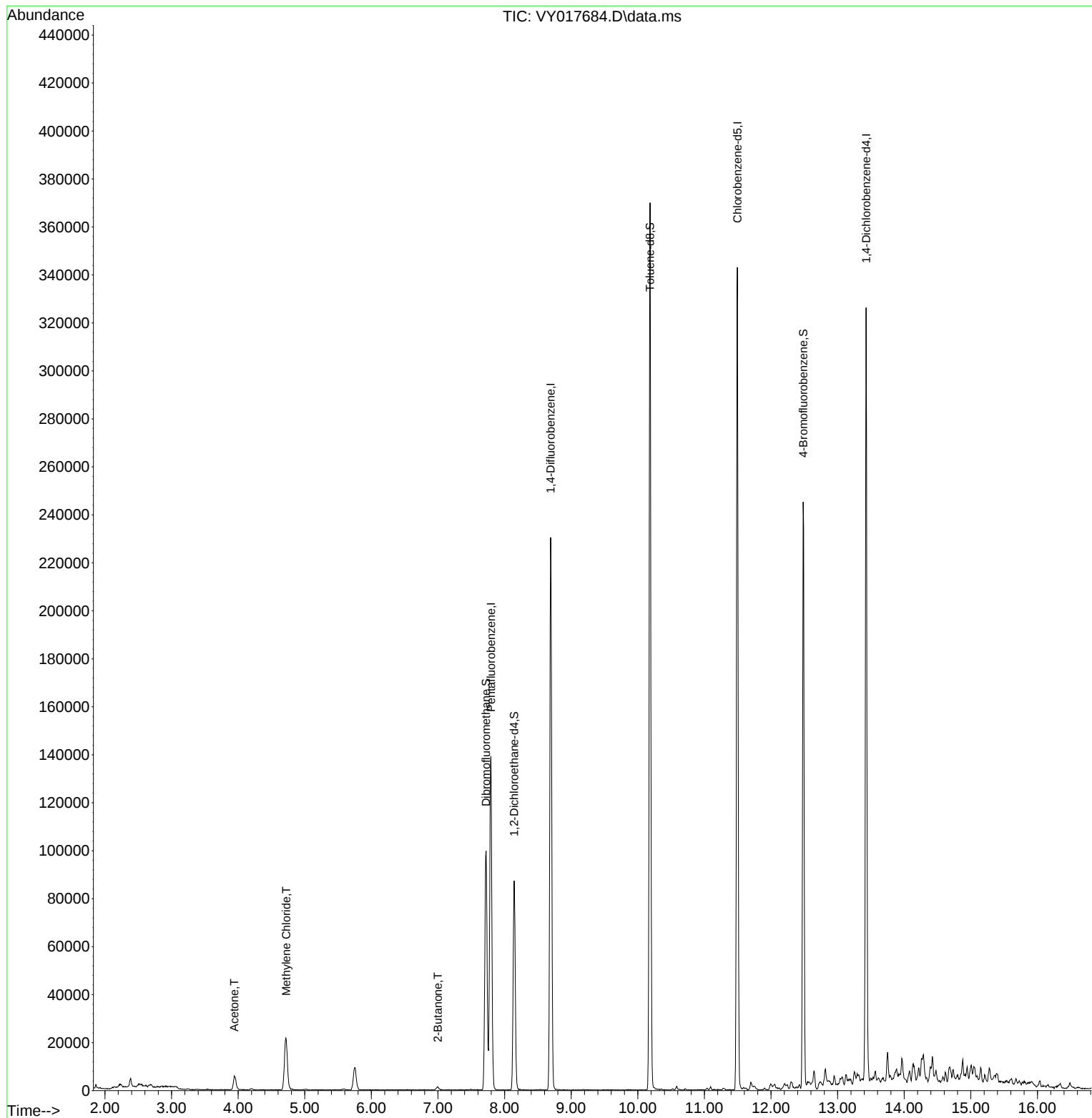
Internal Standards						
1) Pentafluorobenzene	7.795	168	117384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	203993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64702	58.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.320%
35) Dibromofluoromethane	7.722	113	72325	48.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.860%
50) Toluene-d8	10.185	98	248598	47.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.483	95	73415	44.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.480%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	10512	48.717	ug/l	94
20) Methylene Chloride	4.722	84	18298	10.058	ug/l	90
25) 2-Butanone	6.996	43	2251	7.320	ug/l	98

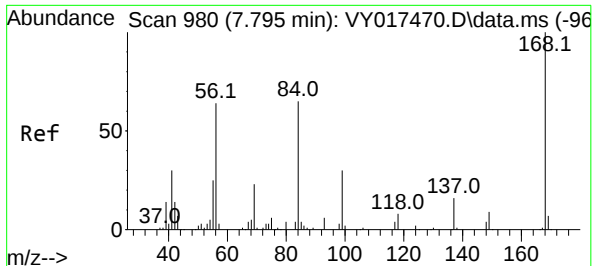
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
Data File : VY017684.D
Acq On : 15 Mar 2024 19:43
Operator : SY/MD
Sample : P1774-02
Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP9

Quant Time: Mar 16 00:21:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

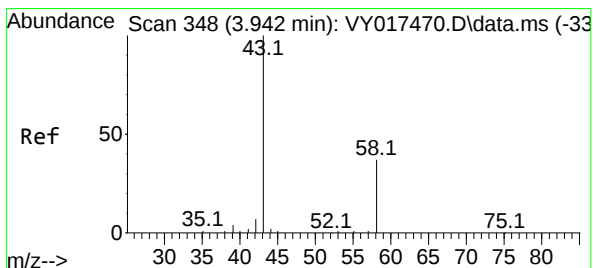
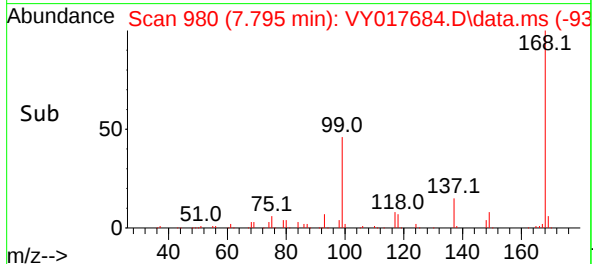
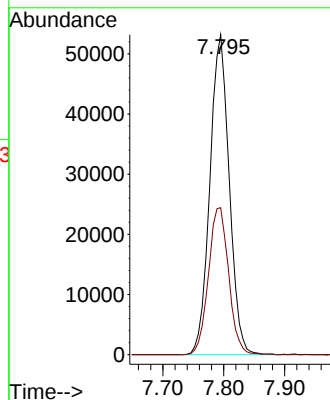
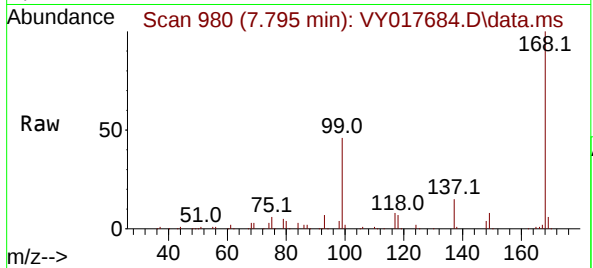




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

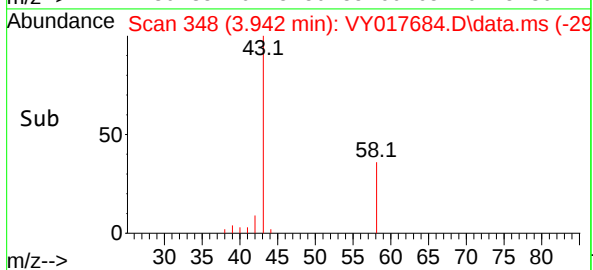
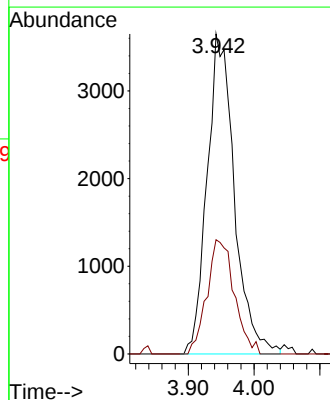
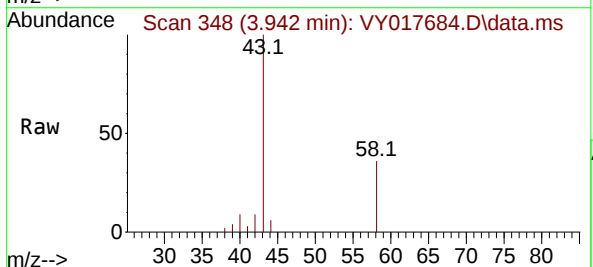
Instrument :
MSVOA_Y
ClientSampleId :
TP9

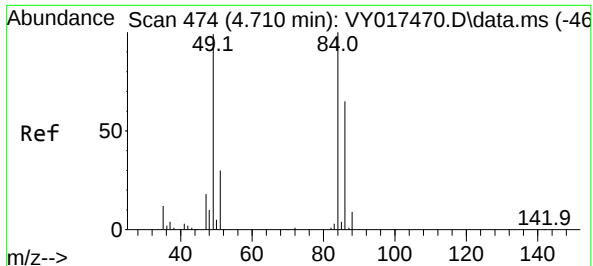
Tgt Ion:168 Resp: 117384
Ion Ratio Lower Upper
168 100
99 45.9 39.1 58.7



#16
Acetone
Concen: 48.717 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion: 43 Resp: 10512
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5

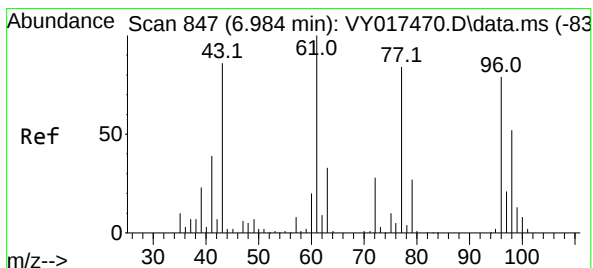
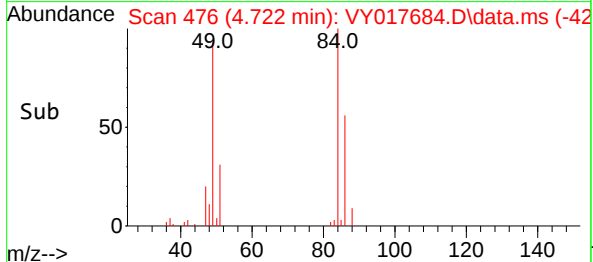
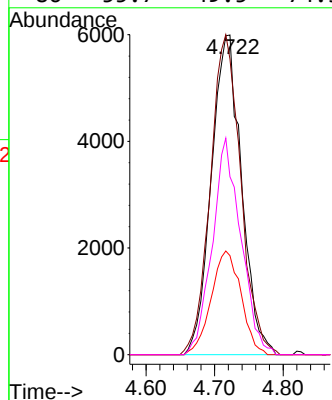
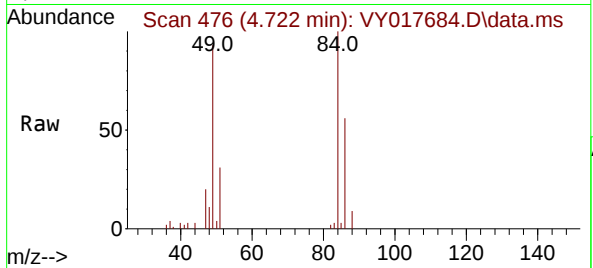




#20
Methylene Chloride
Concen: 10.058 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

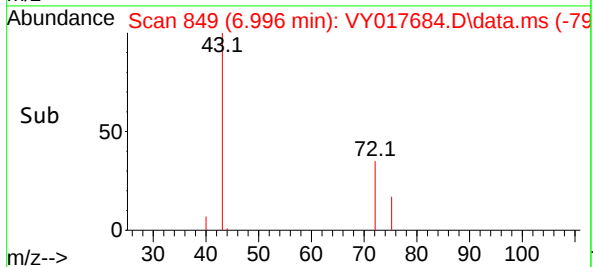
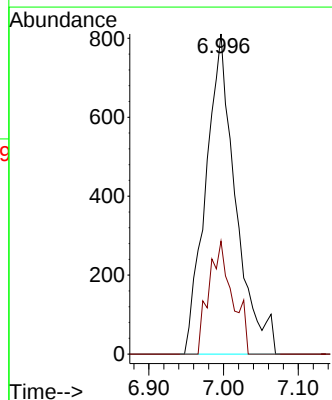
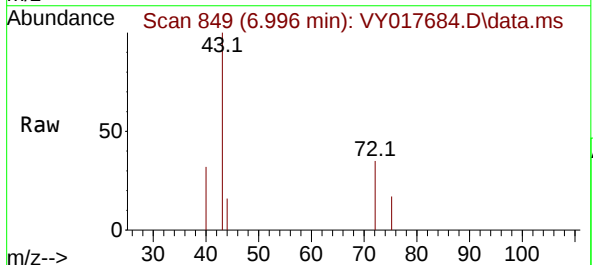
Instrument :
MSVOA_Y
ClientSampleId :
TP9

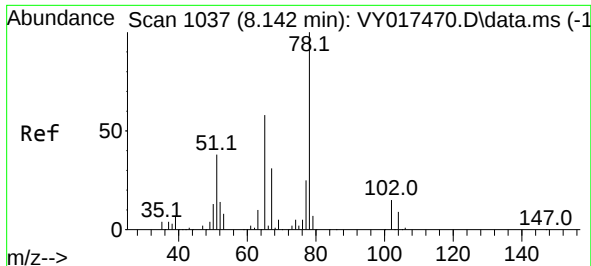
Tgt Ion:	84	Resp:	18298
Ion	Ratio	Lower	Upper
84	100		
49	92.5	84.4	126.6
51	31.0	26.0	39.0
86	55.7	49.5	74.3



#25
2-Butanone
Concen: 7.320 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion:	43	Resp:	2251
Ion	Ratio	Lower	Upper
43	100		
72	35.3	27.3	40.9





#33

1,2-Dichloroethane-d4

Concen: 58.160 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017684.D

Acq: 15 Mar 2024 19:43

Instrument :

MSVOA_Y

ClientSampleId :

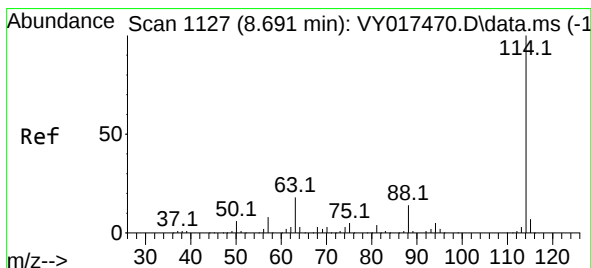
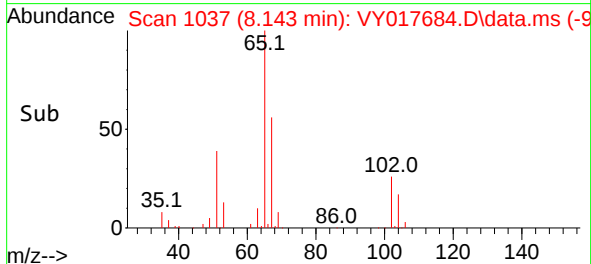
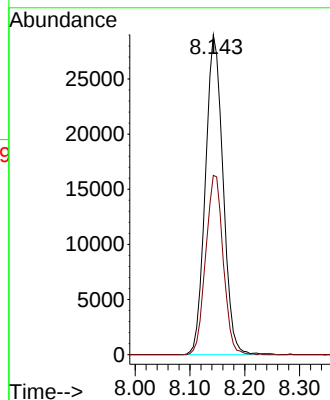
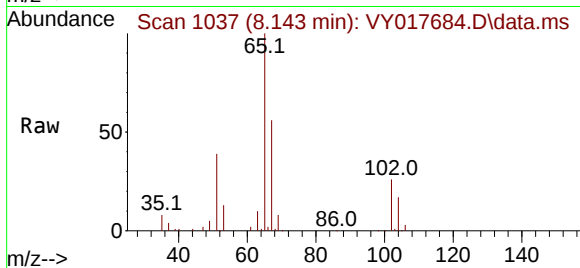
TP9

Tgt Ion: 65 Resp: 64702

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017684.D

Acq: 15 Mar 2024 19:43

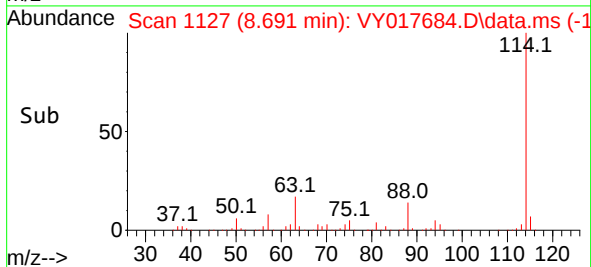
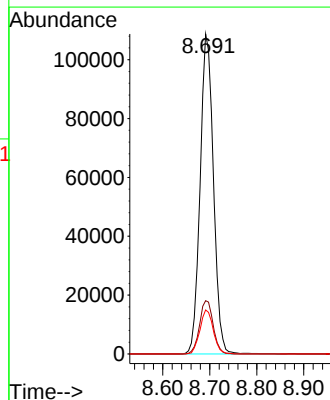
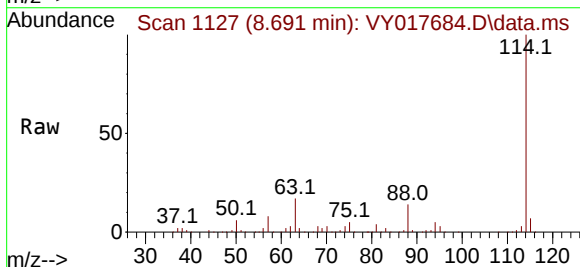
Tgt Ion: 114 Resp: 214330

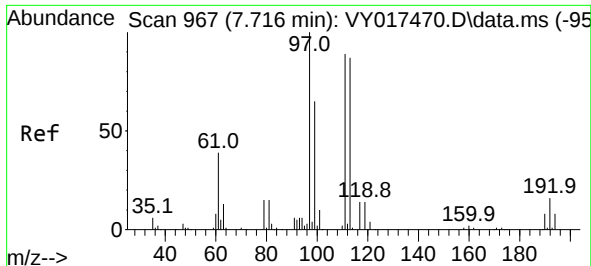
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.8 0.0 27.2

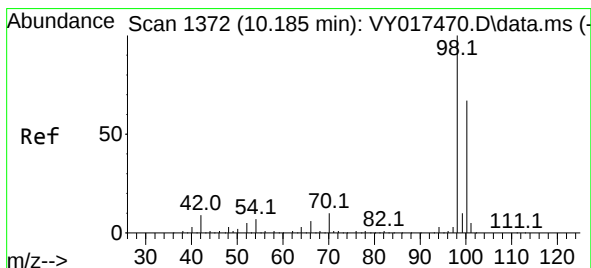
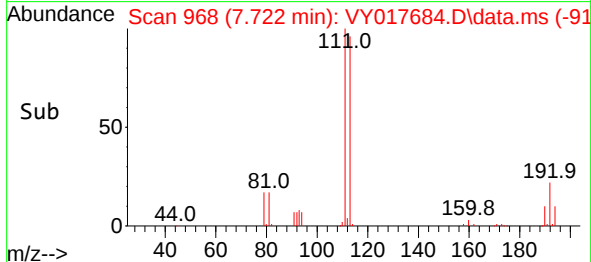
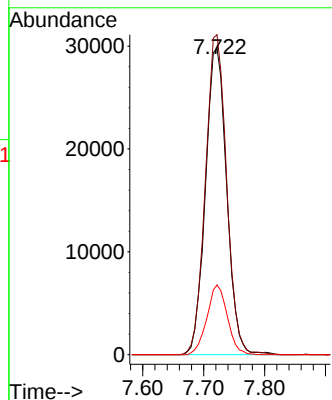
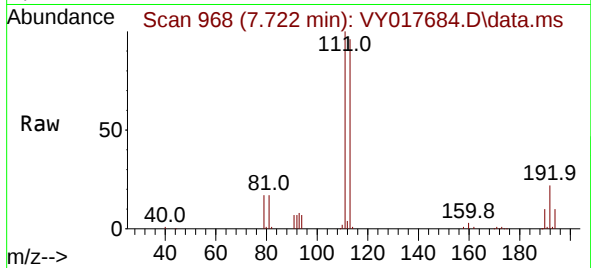




#35
Dibromofluoromethane
Concen: 48.426 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

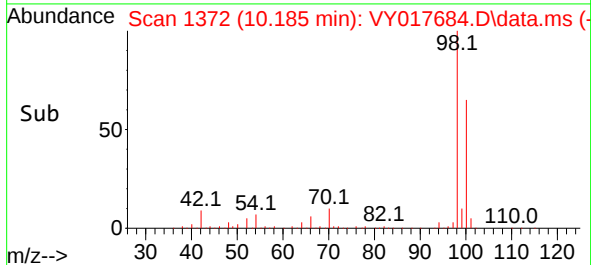
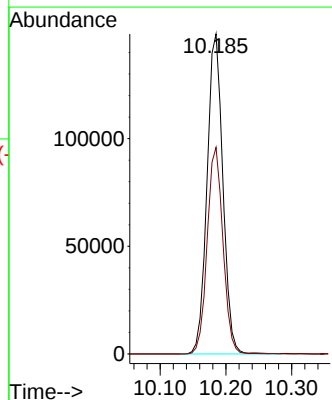
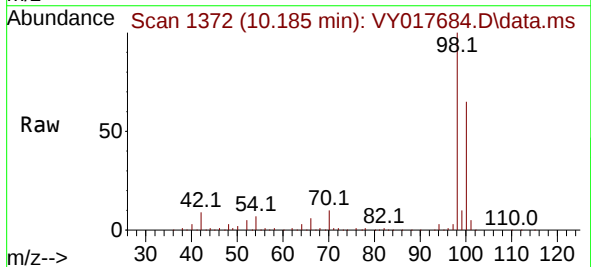
Instrument :
MSVOA_Y
ClientSampleId :
TP9

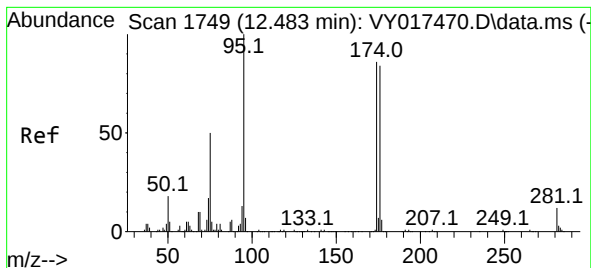
Tgt Ion:113 Resp: 72325
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 21.8 15.9 23.9



#50
Toluene-d8
Concen: 47.607 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion: 98 Resp: 248598
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

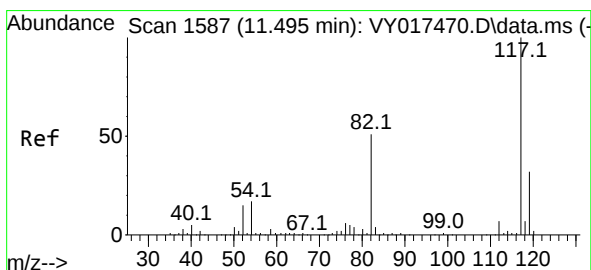
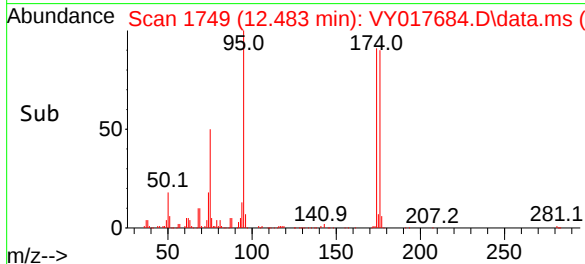
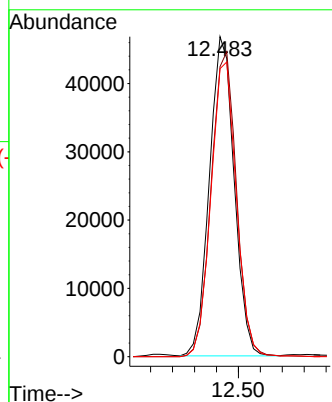
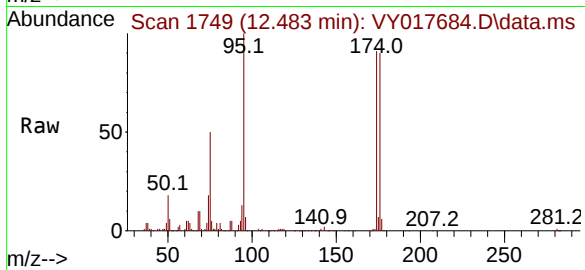




#62
4-Bromofluorobenzene
Concen: 44.735 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

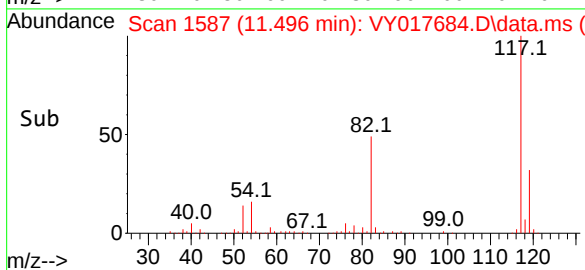
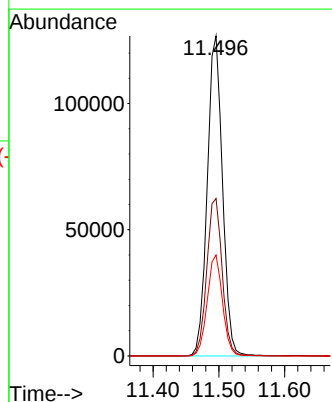
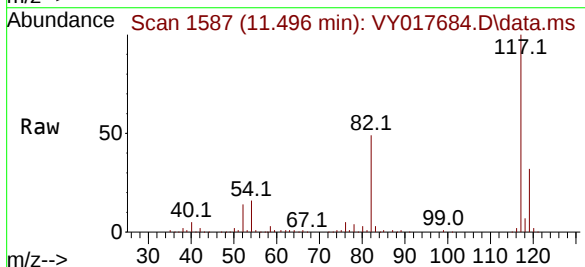
Instrument :
MSVOA_Y
ClientSampleId :
TP9

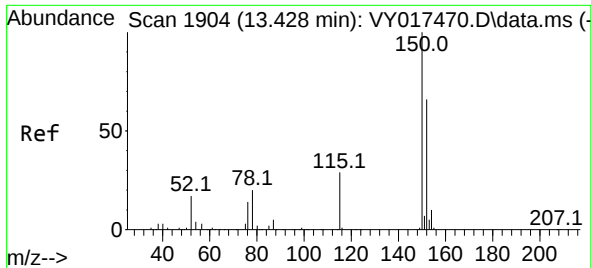
Tgt Ion: 95 Resp: 73415
Ion Ratio Lower Upper
95 100
174 97.5 0.0 175.6
176 94.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion: 117 Resp: 203993
Ion Ratio Lower Upper
117 100
82 49.2 42.4 63.6
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017684.D

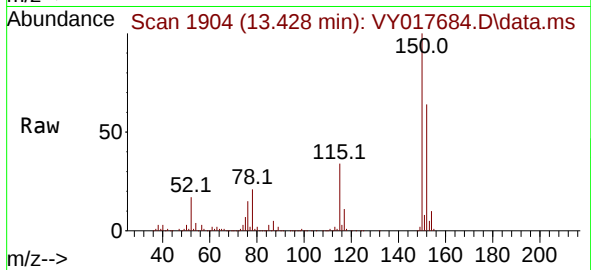
Acq: 15 Mar 2024 19:43

Instrument :

MSVOA_Y

ClientSampleId :

TP9



Tgt Ion:152 Resp: 87030

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 156.4 0.0 345.6

