

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018295.D
 Acq On : 16 May 2024 19:10
 Operator : SY/MD
 Sample : P2513-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15

Quant Time: May 17 01:19:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

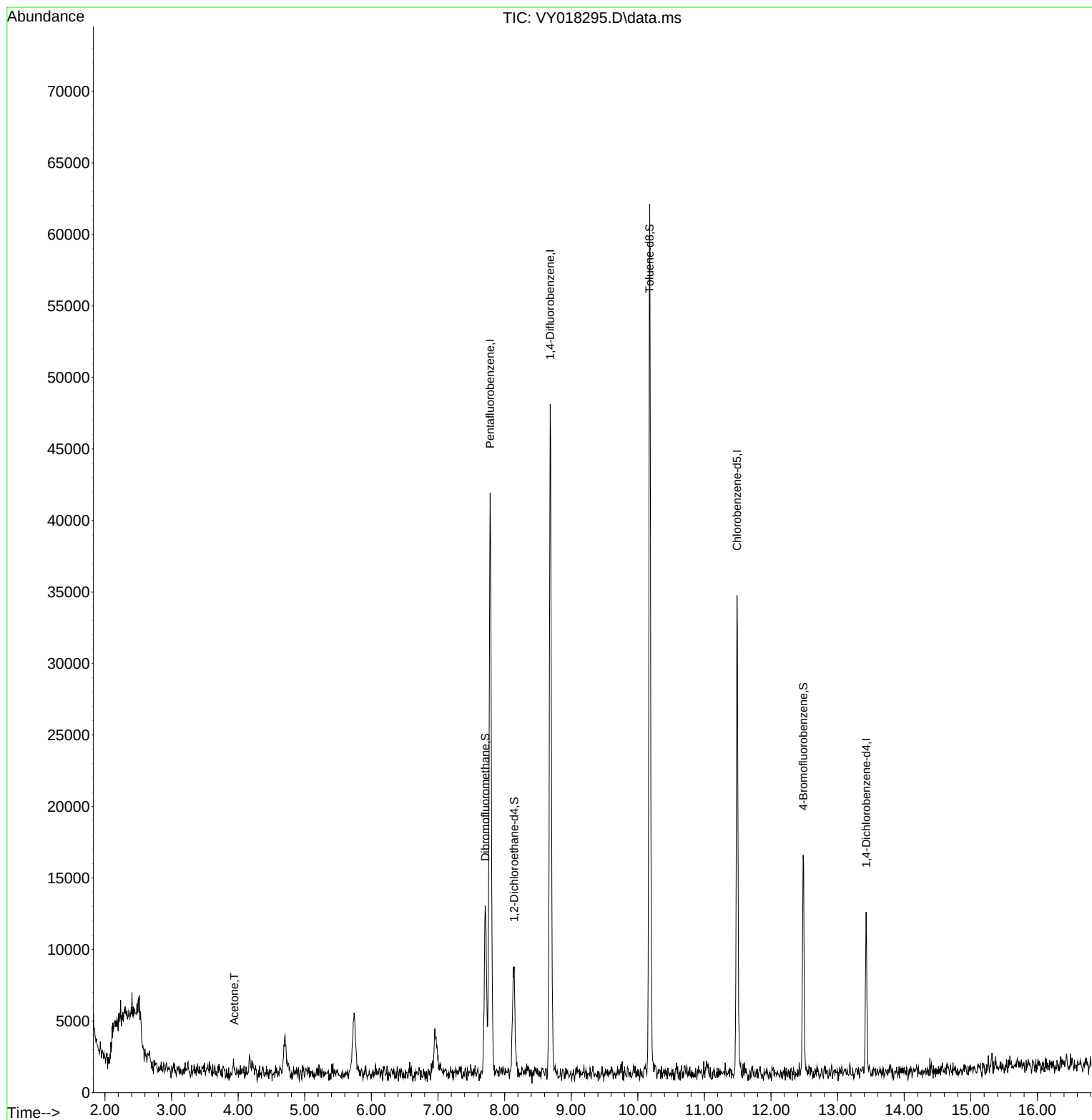
Internal Standards						
1) Pentafluorobenzene	7.783	168	30851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	41770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5514	24.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.580%#
35) Dibromofluoromethane	7.710	113	8976	40.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.780%
50) Toluene-d8	10.179	98	40269	46.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.483	95	4631	16.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	33.160%
Target Compounds						
16) Acetone	3.942	43	931	20.555	ug/l	Qvalue # 75

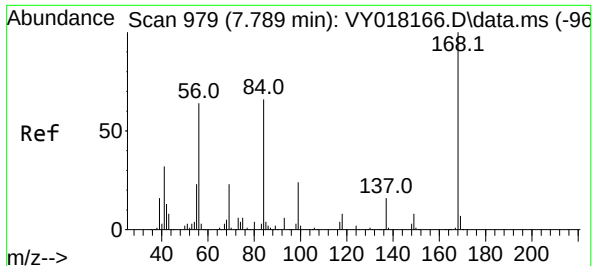
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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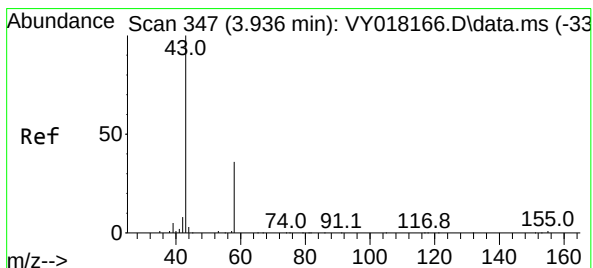
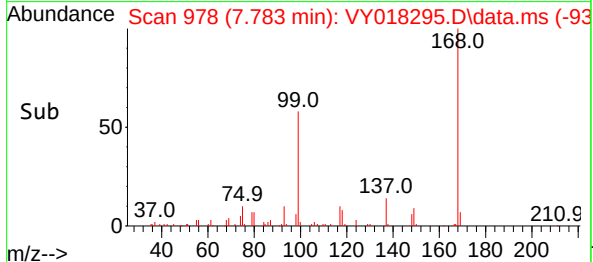
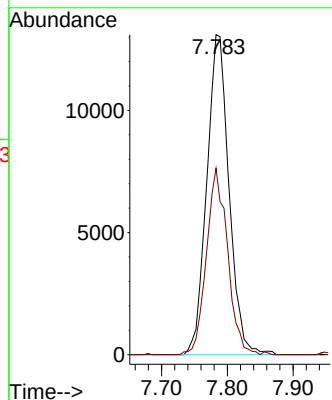
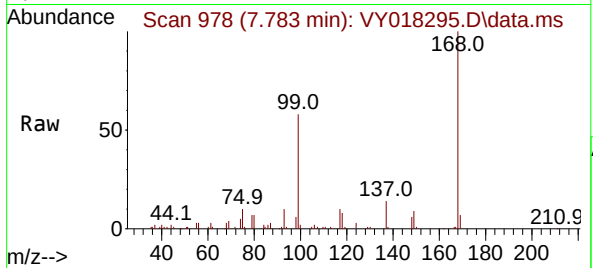




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018295.D
Acq: 16 May 2024 19:10

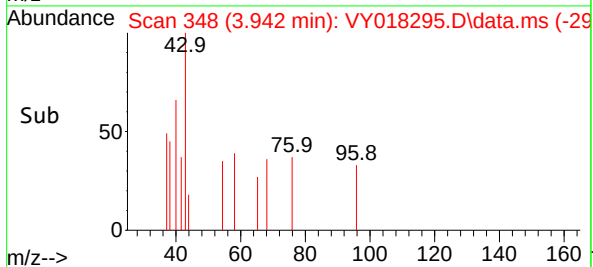
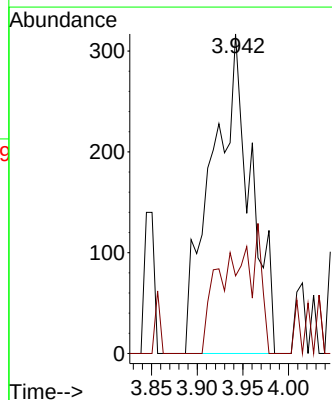
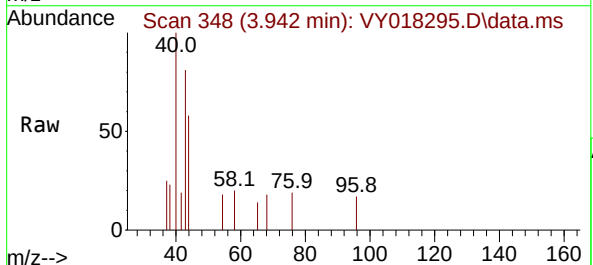
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

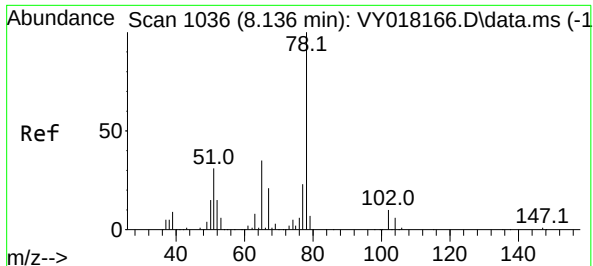
Tgt Ion:168 Resp: 30851
Ion Ratio Lower Upper
168 100
99 58.2 39.1 58.7



#16
Acetone
Concen: 20.555 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018295.D
Acq: 16 May 2024 19:10

Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 24.3 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 24.295 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY018295.D

Acq: 16 May 2024 19:10

Instrument :

MSVOA_Y

ClientSampleId :

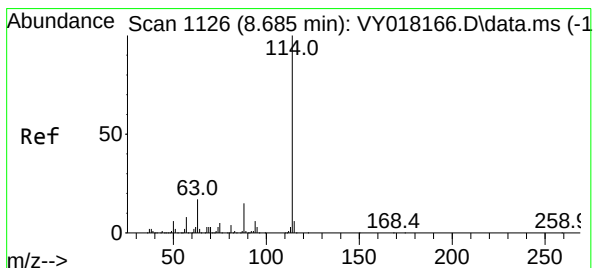
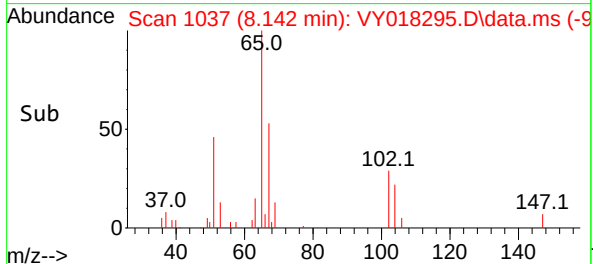
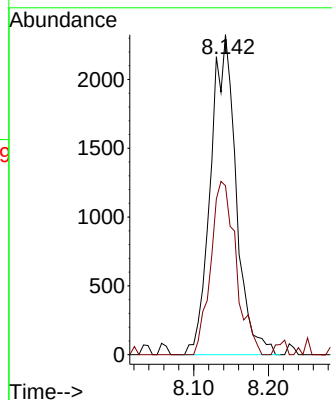
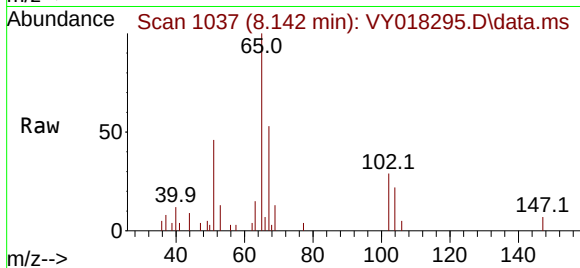
TP-15

Tgt Ion: 65 Resp: 5514

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018295.D

Acq: 16 May 2024 19:10

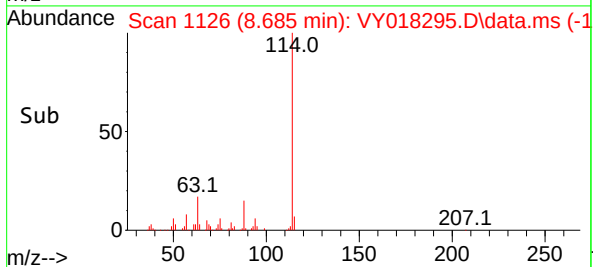
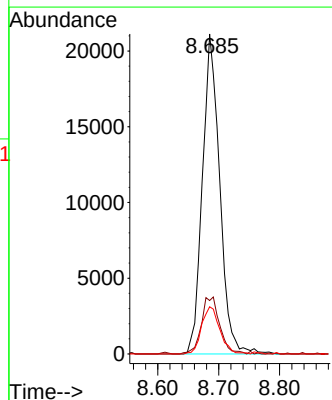
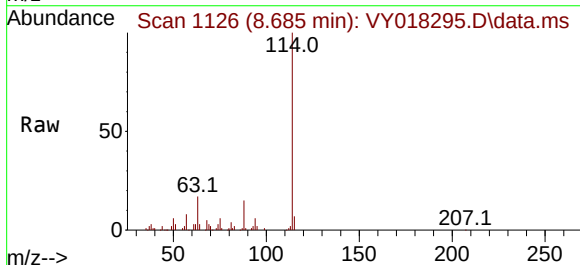
Tgt Ion: 114 Resp: 41770

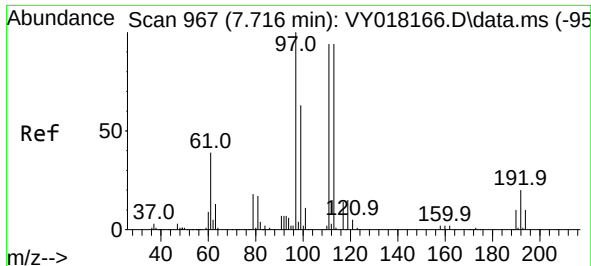
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.7 0.0 27.2

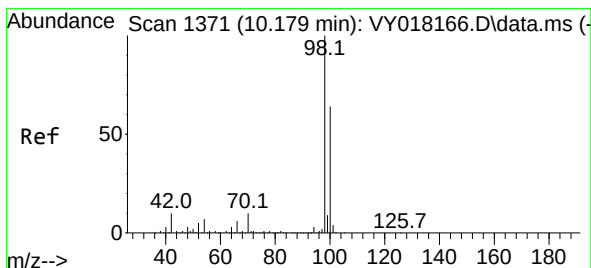
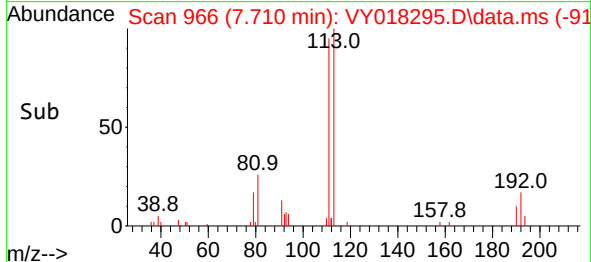
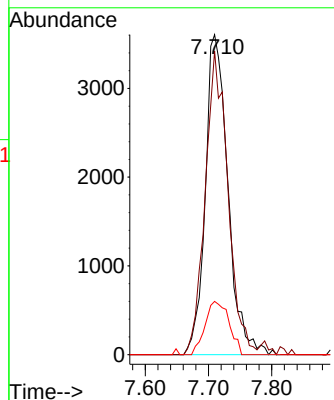
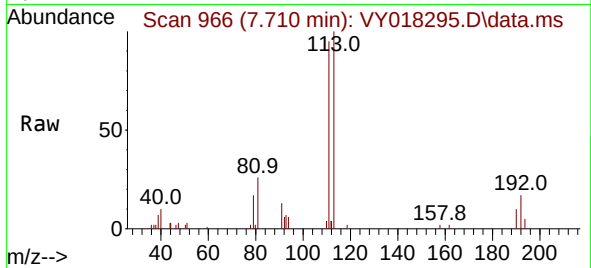




#35
 Dibromofluoromethane
 Concen: 40.889 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VY018295.D
 Acq: 16 May 2024 19:10

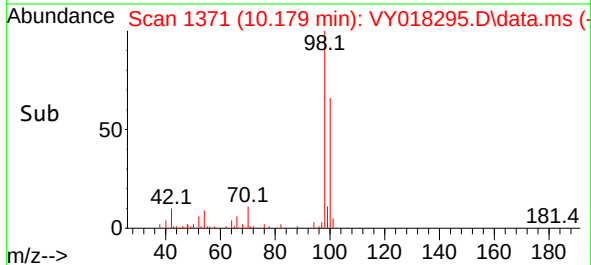
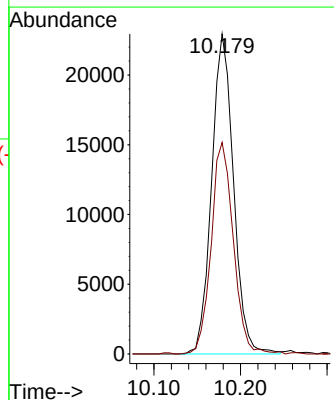
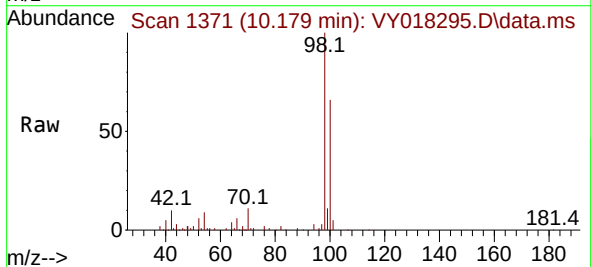
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15

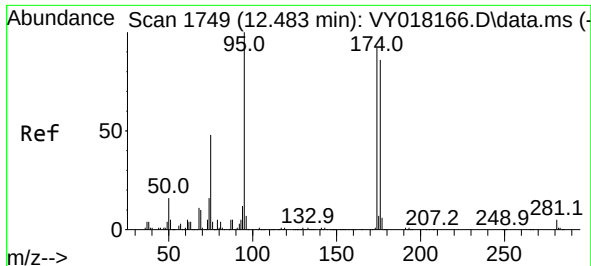
Tgt Ion:113	Resp:	8976
Ion	Ratio	Lower Upper
113	100	
111	95.2	82.2 123.4
192	17.6	15.9 23.9



#50
 Toluene-d8
 Concen: 46.551 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY018295.D
 Acq: 16 May 2024 19:10

Tgt Ion: 98	Resp:	40269
Ion	Ratio	Lower Upper
98	100	
100	67.0	52.0 78.0

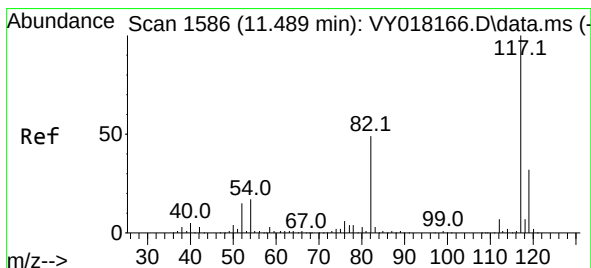
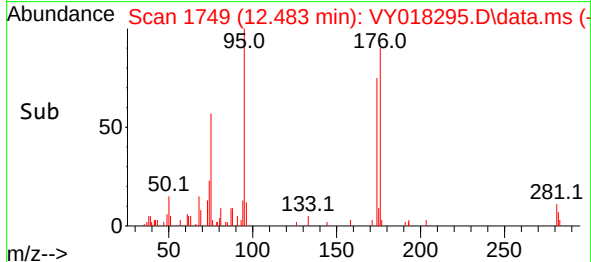
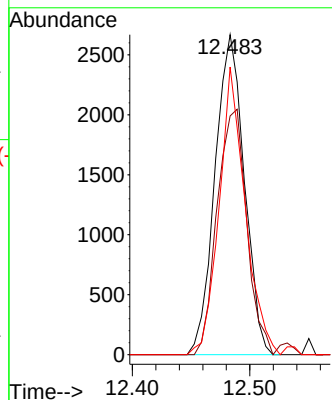
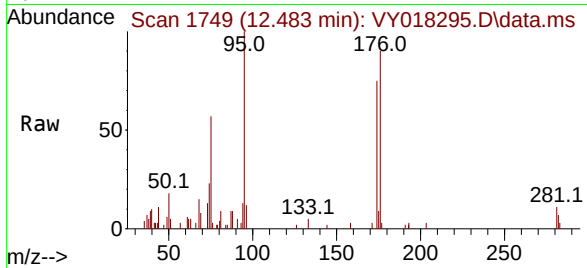




#62
4-Bromofluorobenzene
Concen: 16.577 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018295.D
Acq: 16 May 2024 19:10

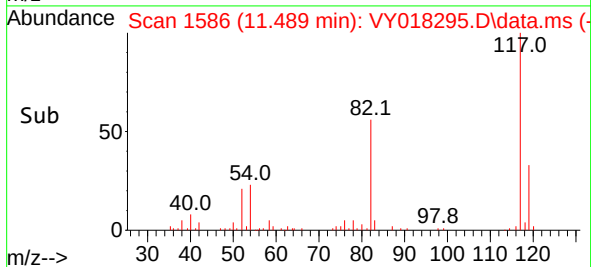
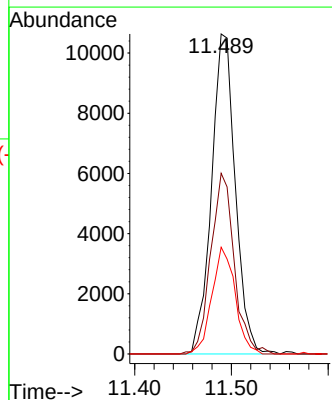
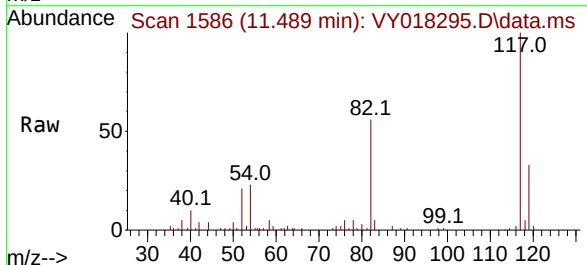
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

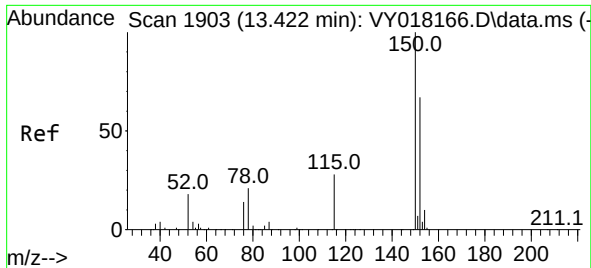
Tgt Ion:	95	Resp:	4631
Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	175.6
176	80.0	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018295.D
Acq: 16 May 2024 19:10

Tgt Ion:	117	Resp:	18209
Ion	Ratio	Lower	Upper
117	100		
82	56.5	42.4	63.6
119	33.4	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018295.D

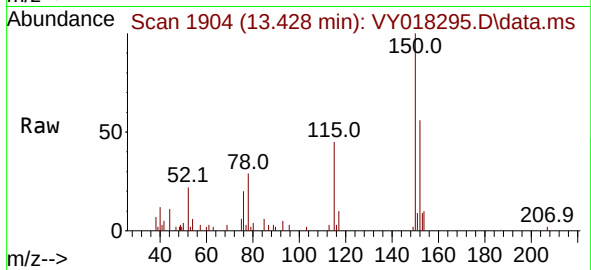
Acq: 16 May 2024 19:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-15



Tgt Ion:152 Resp: 2801

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 153.8 0.0 345.6

