

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018547.D
 Acq On : 10 Jun 2024 13:48
 Operator : SY/MD
 Sample : P2787-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-06072024

Quant Time: Jun 11 01:55:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

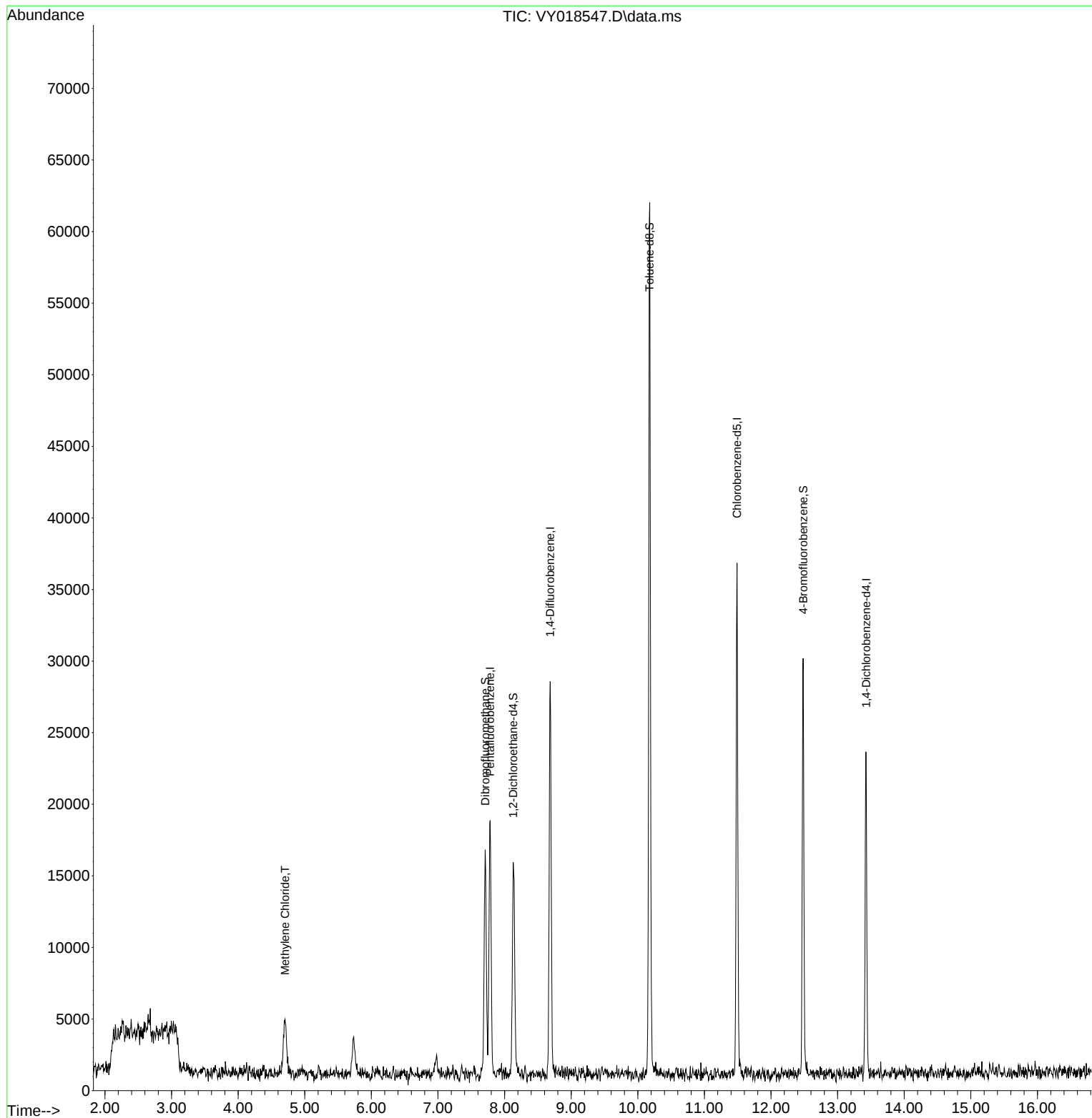
Internal Standards						
1) Pentafluorobenzene	7.783	168	12295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	23322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	10944	45.325	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.660%		
35) Dibromofluoromethane	7.709	113	10817	36.576	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	73.160%		
50) Toluene-d8	10.179	98	39054	33.194	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	66.380%		
62) 4-Bromofluorobenzene	12.483	95	9059	24.730	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	49.460%		
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	2720	6.235	ug/l #	80

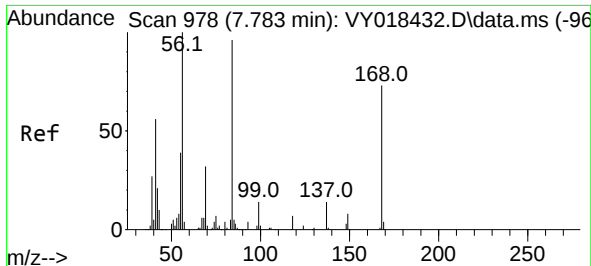
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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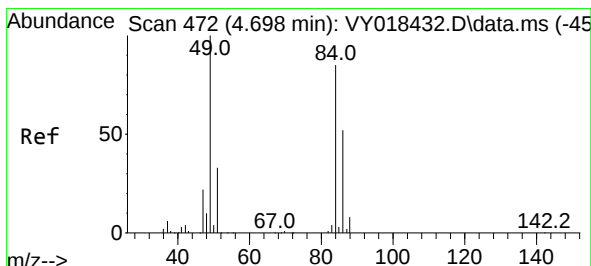
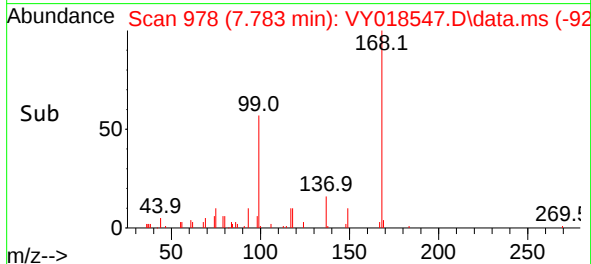
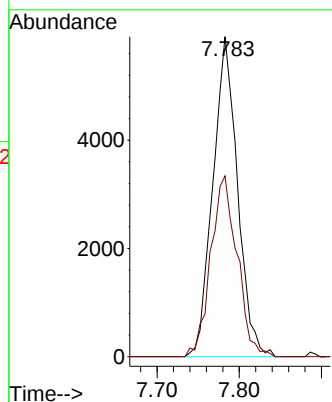
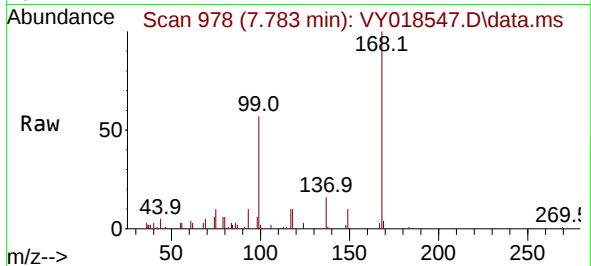




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

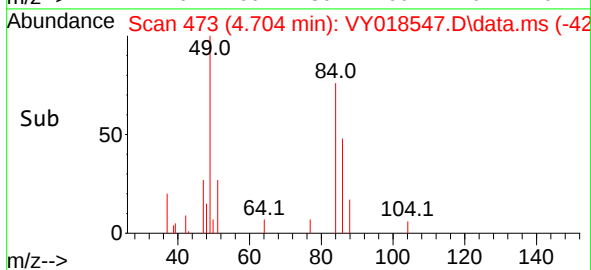
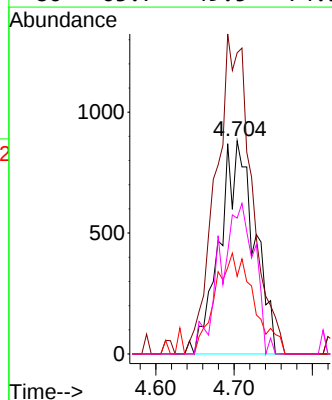
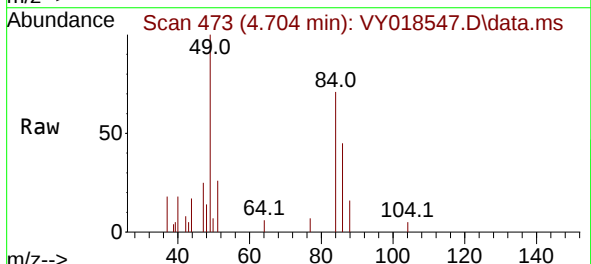
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-06072024

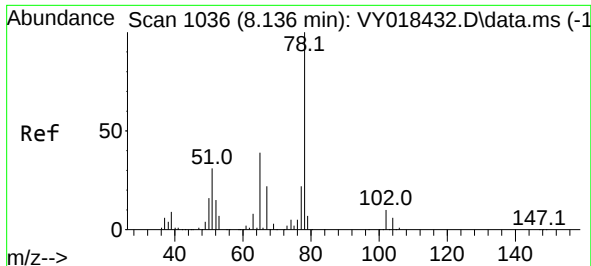
Tgt Ion:168 Resp: 12295
Ion Ratio Lower Upper
168 100
99 56.5 39.1 58.7



#20
Methylene Chloride
Concen: 6.235 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Tgt Ion: 84 Resp: 2720
Ion Ratio Lower Upper
84 100
49 141.3 84.4 126.6#
51 28.3 26.0 39.0
86 63.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 45.325 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018547.D

Acq: 10 Jun 2024 13:48

Instrument :

MSVOA_Y

ClientSampleId :

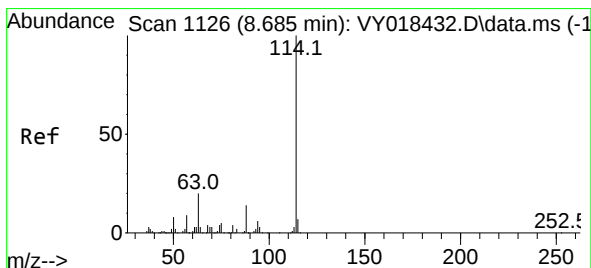
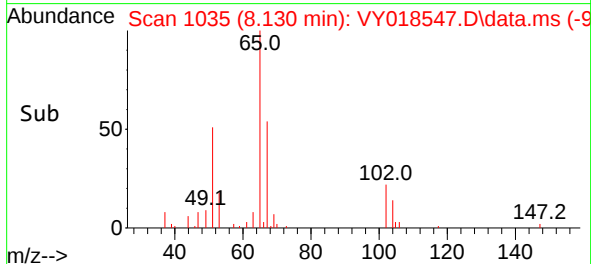
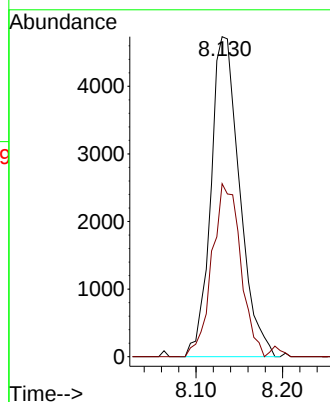
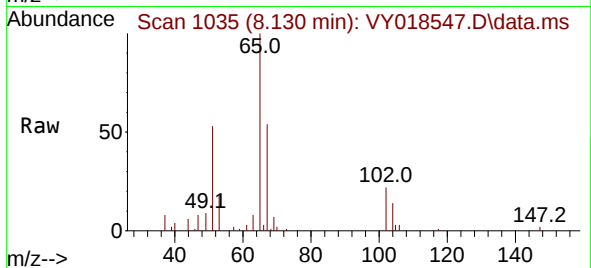
SU-04-06072024

Tgt Ion: 65 Resp: 10944

Ion Ratio Lower Upper

65 100

67 53.6 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: VY018547.D

Acq: 10 Jun 2024 13:48

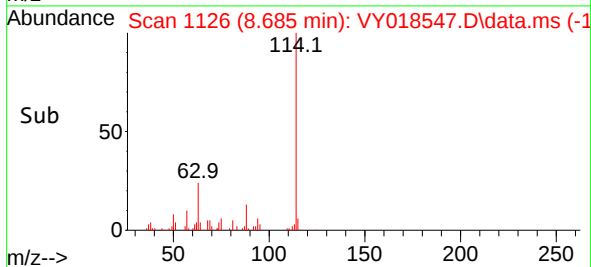
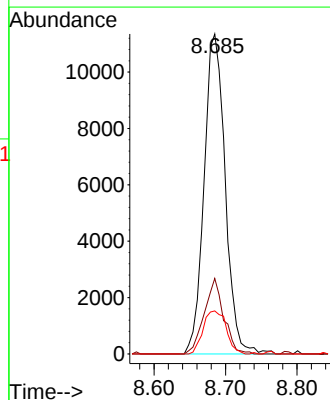
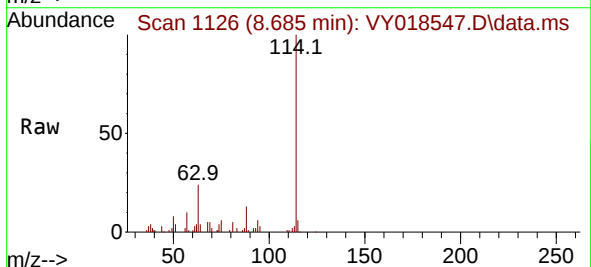
Tgt Ion: 114 Resp: 23322

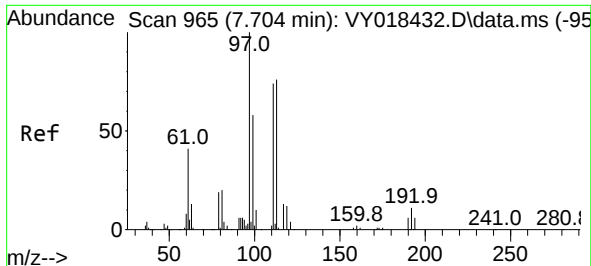
Ion Ratio Lower Upper

114 100

63 23.6 0.0 35.0

88 13.5 0.0 27.2

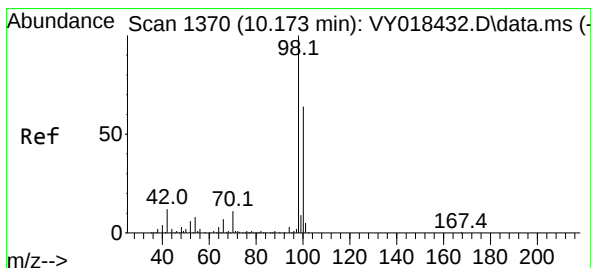
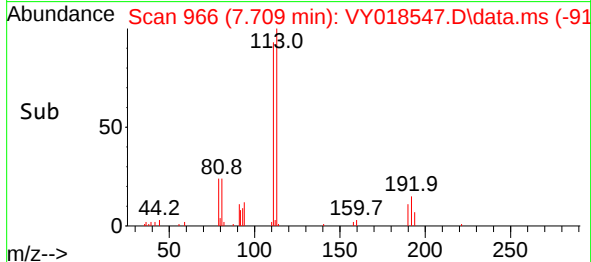
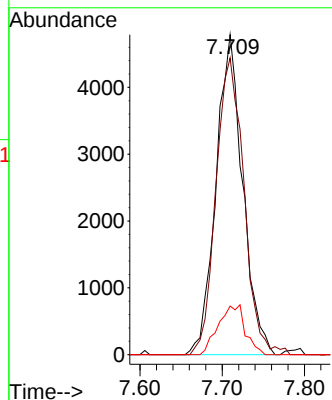
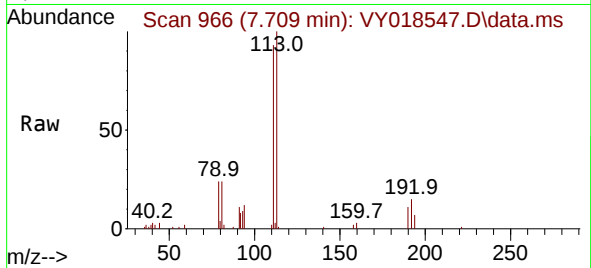




#35
Dibromofluoromethane
Concen: 36.576 ug/l
RT: 7.709 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

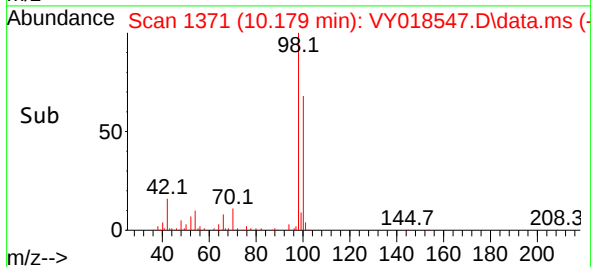
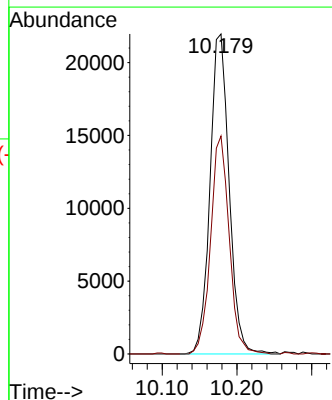
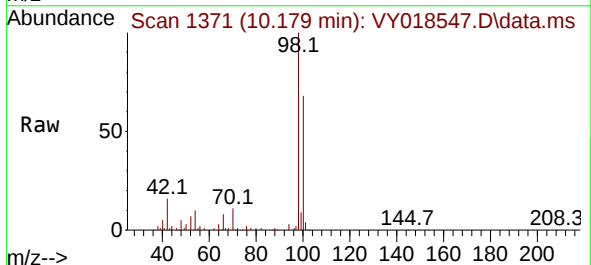
Instrument :
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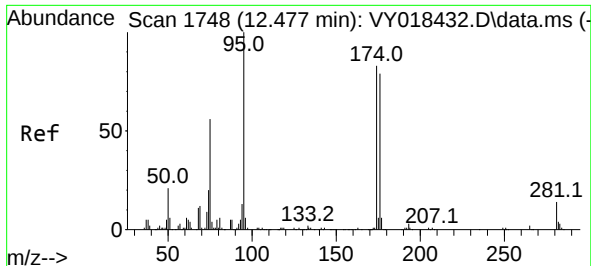
Tgt Ion:113 Resp: 10817
Ion Ratio Lower Upper
113 100
111 97.0 82.2 123.4
192 15.6 15.9 23.9#



#50
Toluene-d8
Concen: 33.194 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Tgt Ion: 98 Resp: 39054
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0

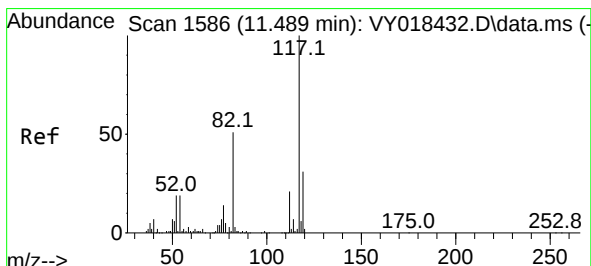
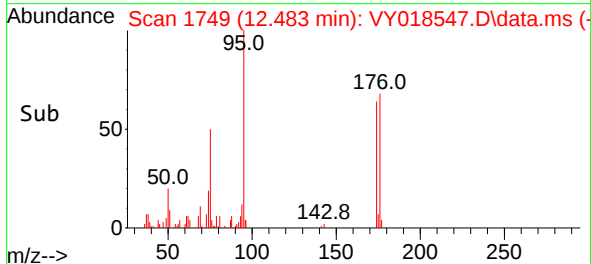
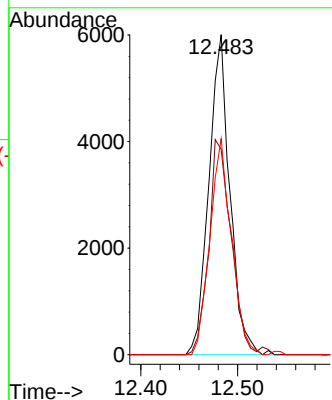
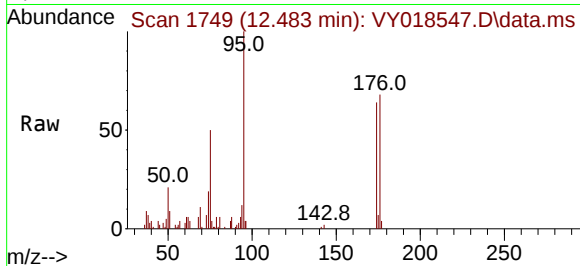




#62
4-Bromofluorobenzene
Concen: 24.730 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

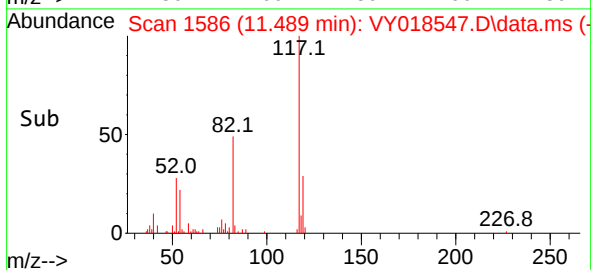
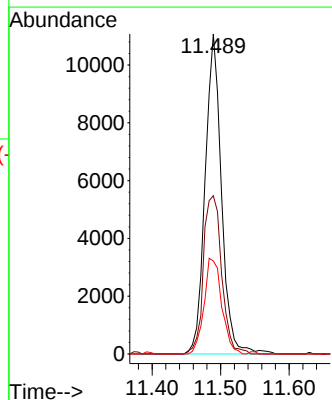
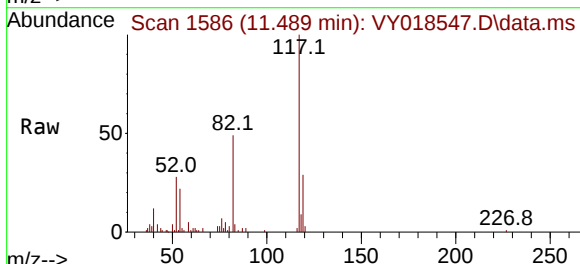
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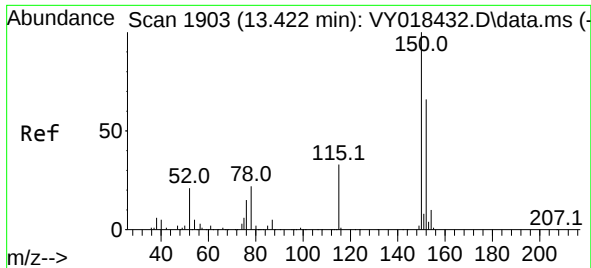
Tgt Ion:	95	Resp:	9059
Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	175.6
176	69.6	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Tgt Ion:	117	Resp:	18403
Ion	Ratio	Lower	Upper
117	100		
82	49.4	42.4	63.6
119	29.0	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: VY018547.D

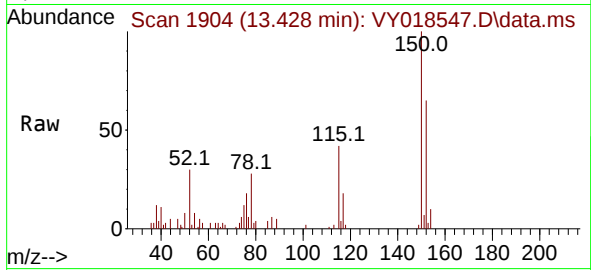
Acq: 10 Jun 2024 13:48

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-06072024



Tgt Ion:152 Resp: 5069

Ion Ratio Lower Upper

152 100

115 69.0 28.2 84.7

150 161.9 0.0 345.6

