

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018262.D
 Acq On : 14 May 2024 16:46
 Operator : SY/MD
 Sample : P2473-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-051424

Quant Time: May 15 04:17:07 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)

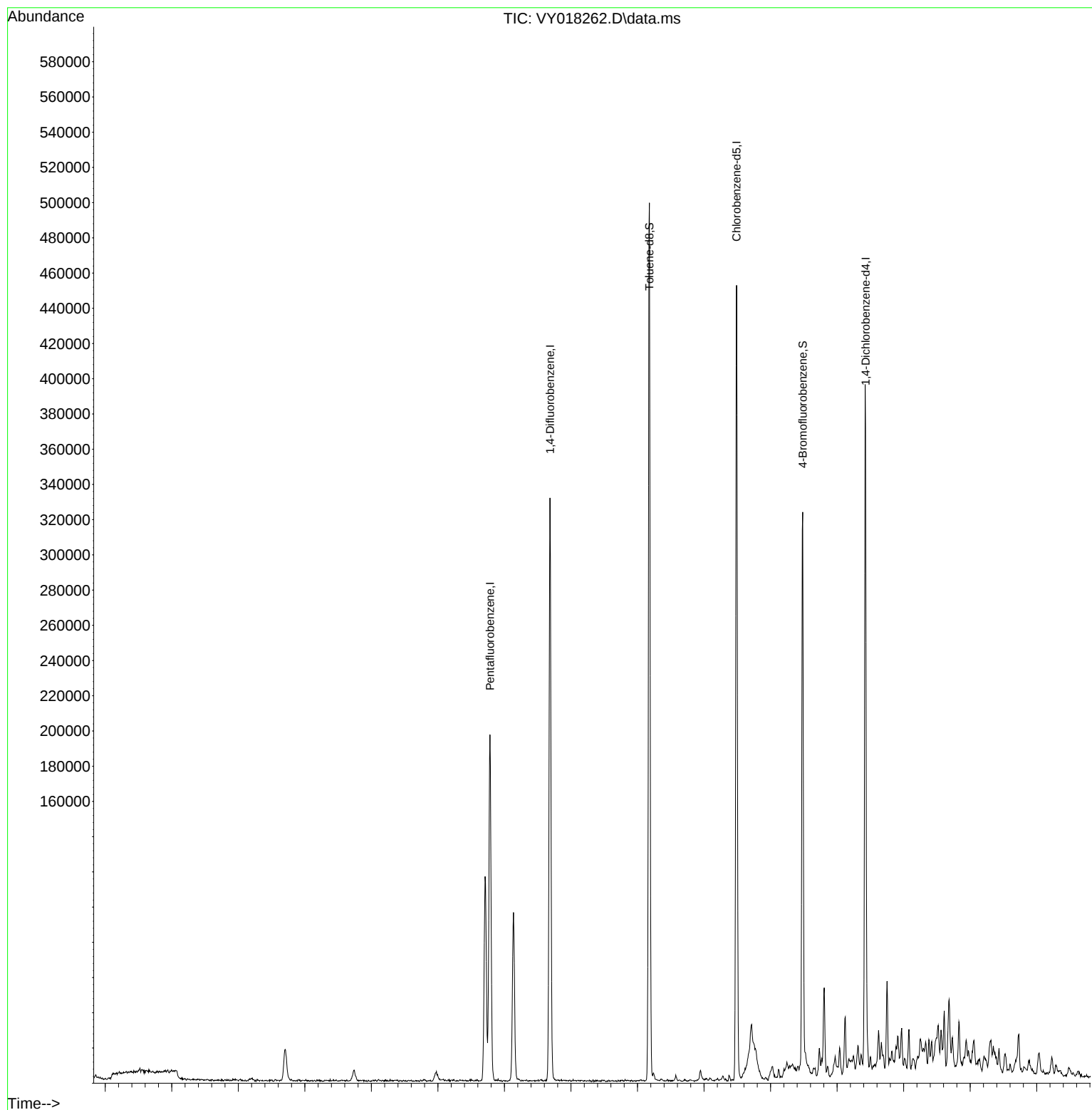
Internal Standards						
1) Pentafluorobenzene	7.783	168	152446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	255472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70023	62.437	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.880%			
35) Dibromofluoromethane	7.710	113	82983	53.936	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.880%			
50) Toluene-d8	10.179	98	334324	55.143	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.280%			
62) 4-Bromofluorobenzene	12.483	95	100291	51.223	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.440%			
Target Compounds						
20) Methylene Chloride	4.710	84	14636	9.252	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	16826	2.923	ug/l	98

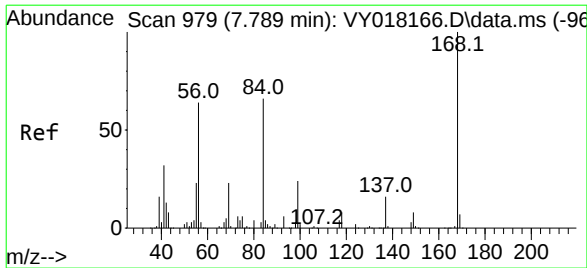
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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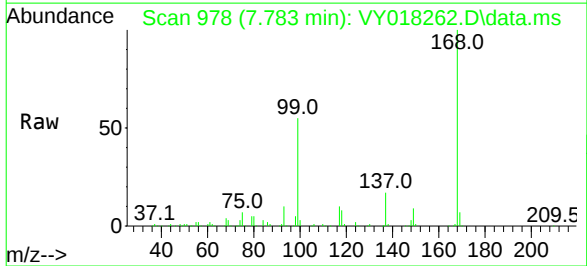
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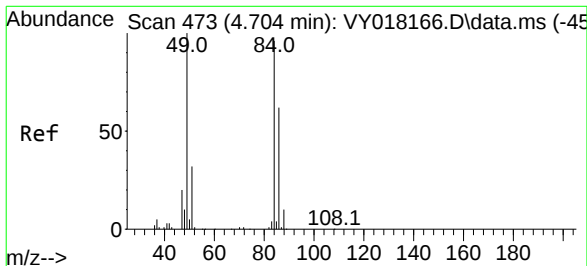
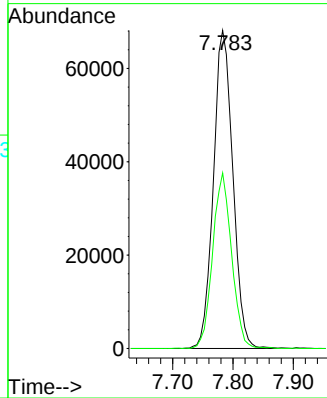
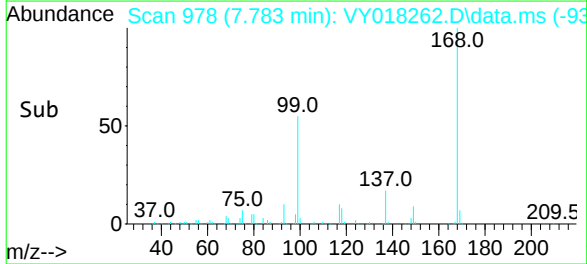


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018262.D
Acq: 14 May 2024 16:46

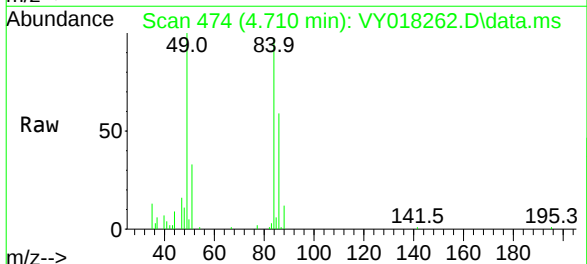
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-051424



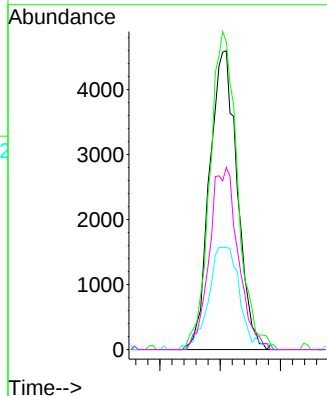
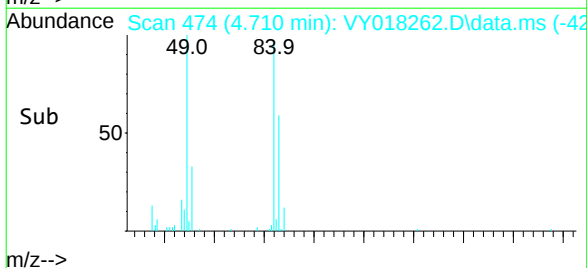
Tgt Ion:168 Resp: 152446
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7

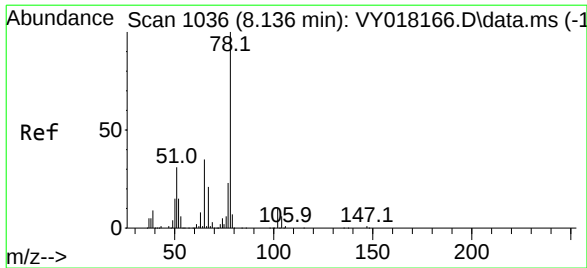


#20
Methylene Chloride
Concen: 9.252 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018262.D
Acq: 14 May 2024 16:46



Tgt Ion: 84 Resp: 14636
Ion Ratio Lower Upper
84 100
49 103.0 84.4 126.6
51 34.3 26.0 39.0
86 61.0 49.5 74.3

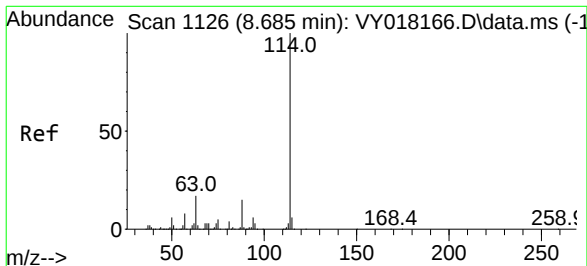
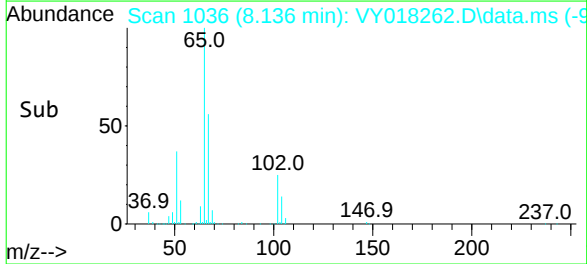
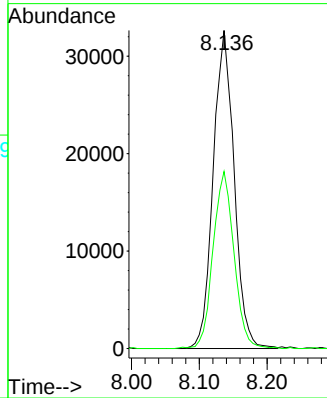
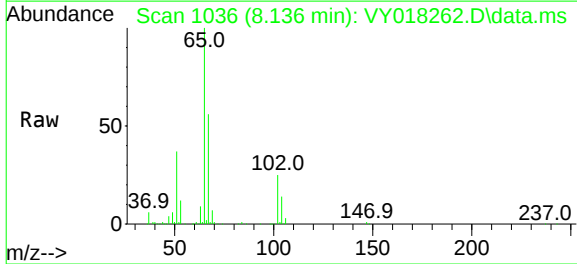




#33
1,2-Dichloroethane-d4
Concen: 62.437 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018262.D
Acq: 14 May 2024 16:46

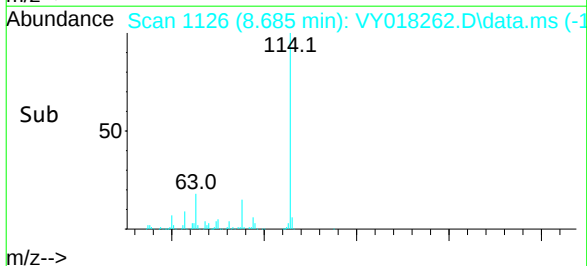
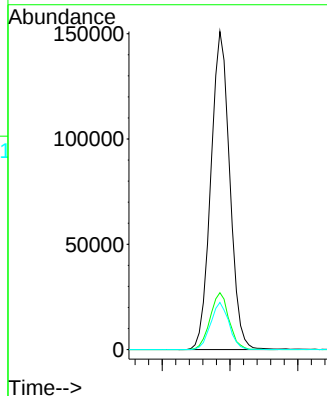
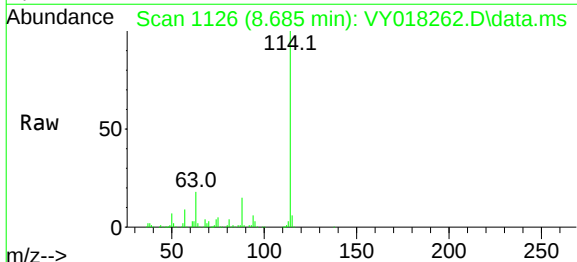
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-051424

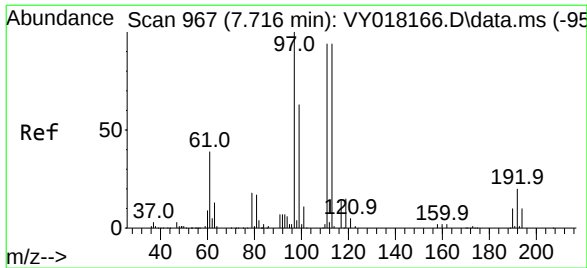
Tgt Ion: 65 Resp: 70023
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018262.D
Acq: 14 May 2024 16:46

Tgt Ion: 114 Resp: 292751
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 14.8 0.0 27.2

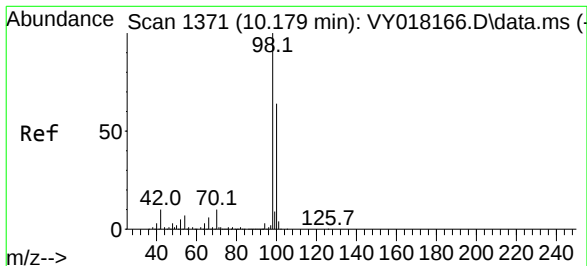
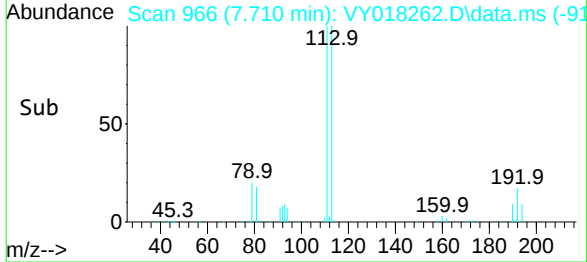
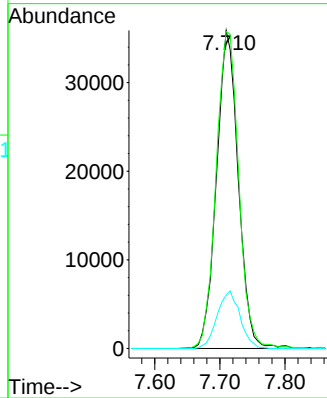
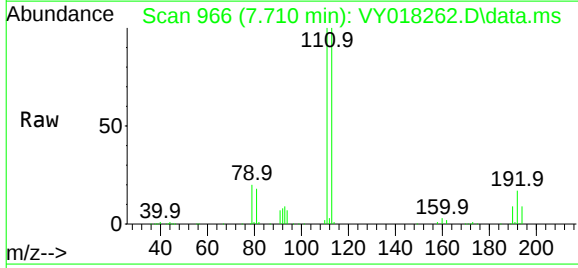




#35
Dibromofluoromethane
Concen: 53.936 ug/l
RT: 7.710 min Scan# 96
Delta R.T. -0.006 min
Lab File: VY018262.D
Acq: 14 May 2024 16:46

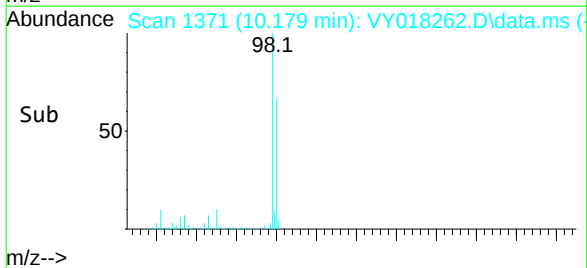
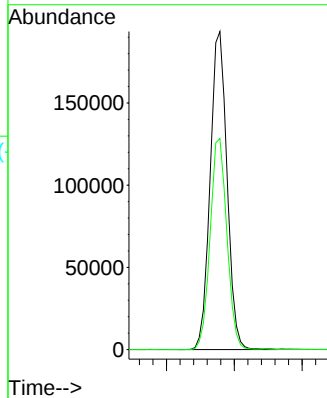
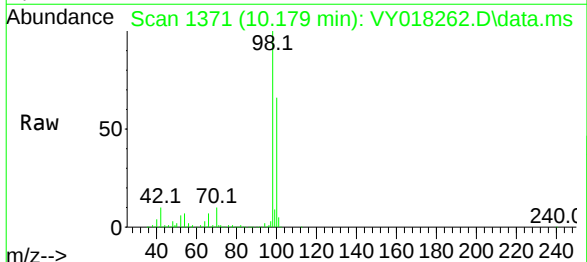
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-051424

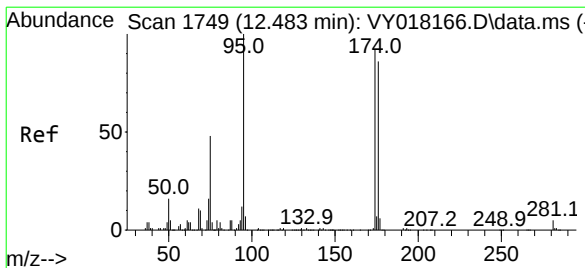
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	19.1	15.9	23.9



#50
Toluene-d8
Concen: 55.143 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018262.D
Acq: 14 May 2024 16:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 51.223 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018262.D

Acq: 14 May 2024 16:46

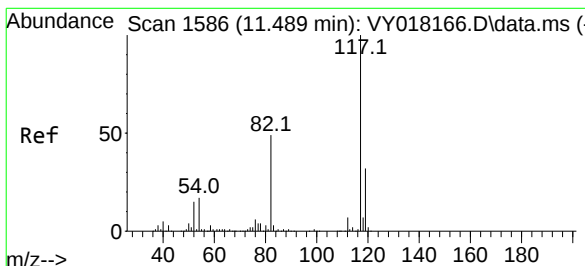
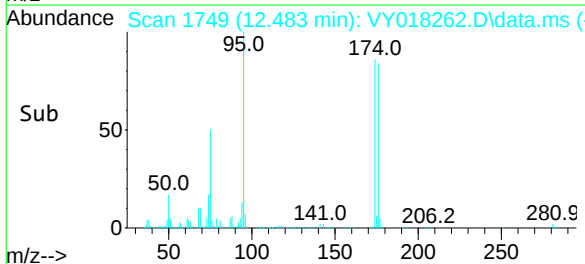
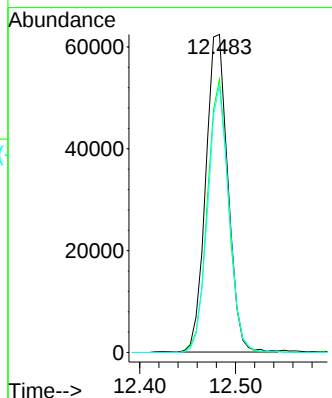
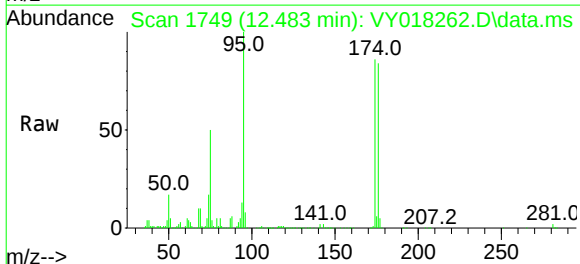
Instrument :

MSVOA_Y

ClientSampleId :

TR-04-051424

Tgt Ion:	95	Resp:	100291
Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	175.6
176	80.7	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

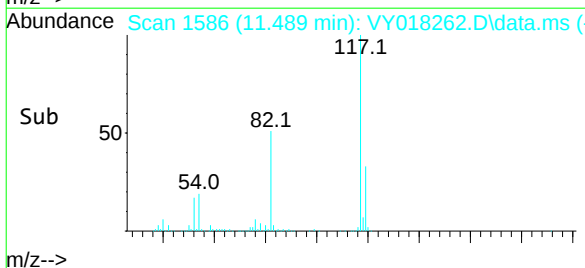
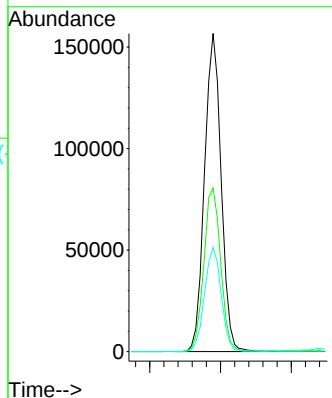
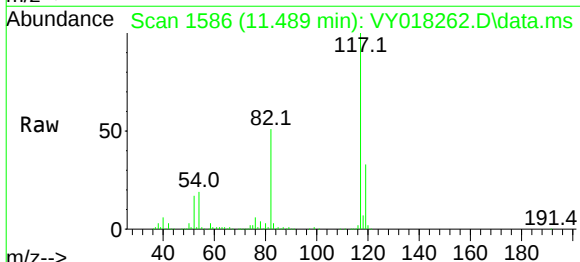
RT: 11.489 min Scan# 1586

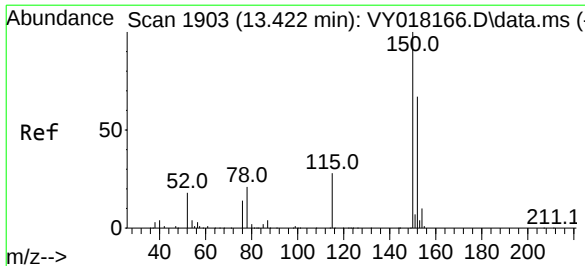
Delta R.T. 0.000 min

Lab File: VY018262.D

Acq: 14 May 2024 16:46

Tgt Ion:	117	Resp:	255472
Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.4	63.6
119	32.7	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 19

Delta R.T. 0.006 min

Lab File: VY018262.D

Acq: 14 May 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-051424

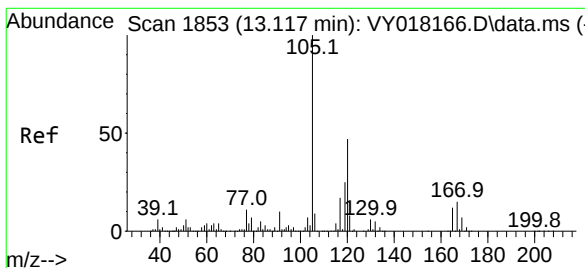
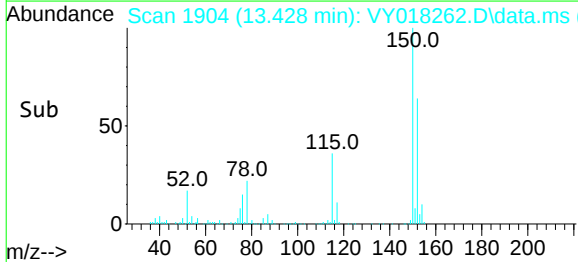
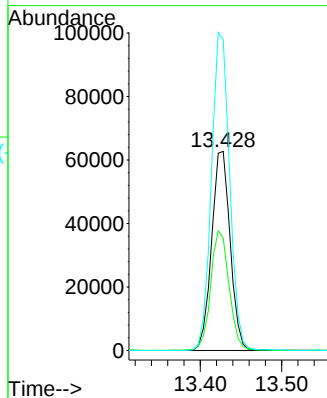
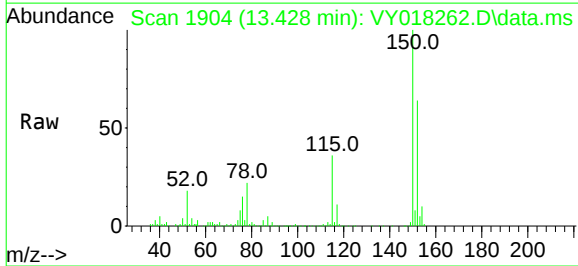
Tgt Ion:152 Resp: 99388

Ion Ratio Lower Upper

152 100

115 59.8 28.2 84.7

150 156.5 0.0 345.6



#84

1,2,4-Trimethylbenzene

Concen: 2.923 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018262.D

Acq: 14 May 2024 16:46

Tgt Ion:105 Resp: 16826

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6

