

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018413.D
 Acq On : 30 May 2024 14:40
 Operator : SY/MD
 Sample : P2654-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-052924

Quant Time: May 31 01:02:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

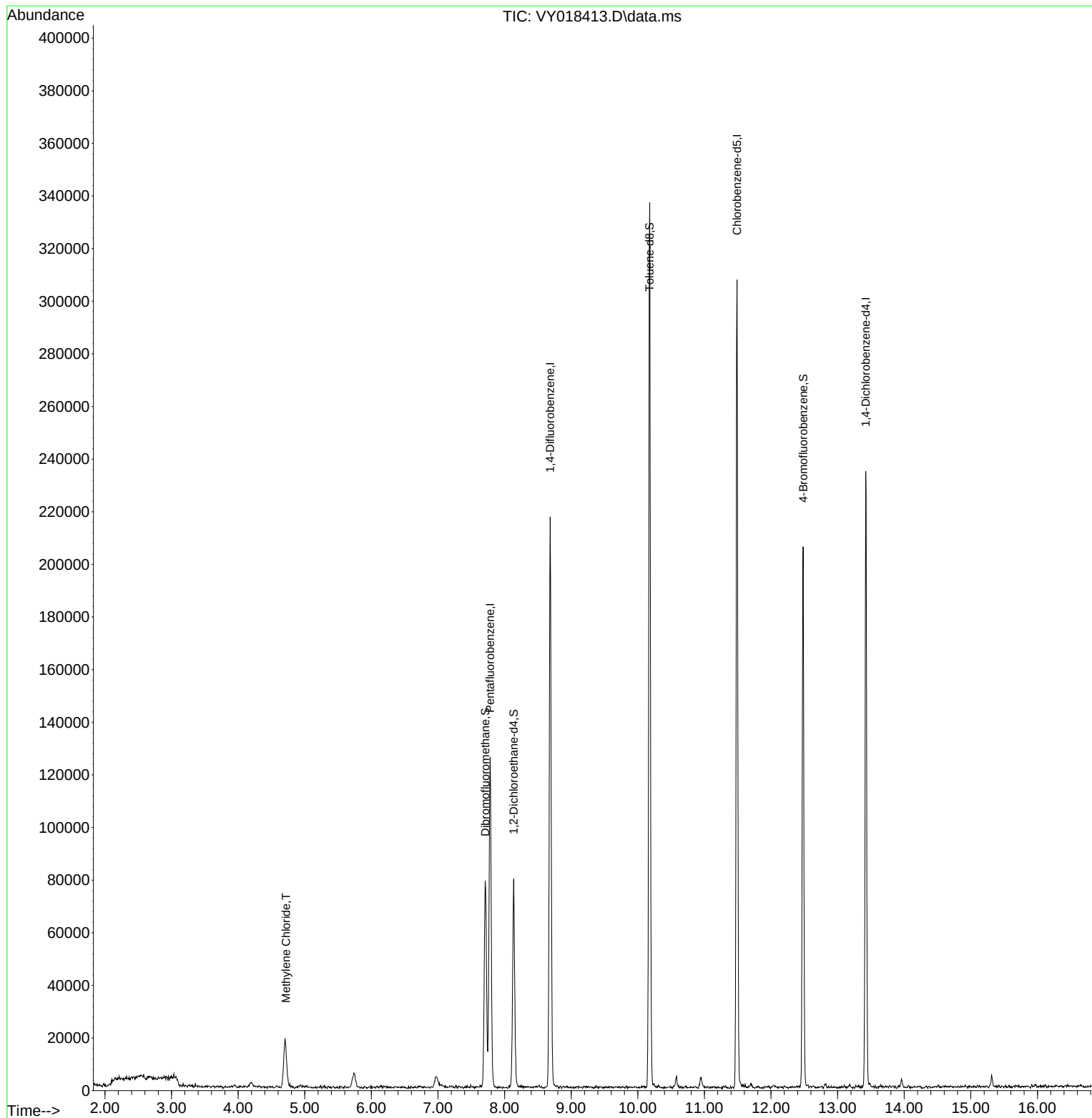
Internal Standards						
1) Pentafluorobenzene	7.783	168	89346	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	180037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	163336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53228	62.882	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	125.760%	
35) Dibromofluoromethane	7.710	113	56031	53.369	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	106.740%	
50) Toluene-d8	10.179	98	220572	53.886	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	107.780%	
62) 4-Bromofluorobenzene	12.483	95	62557	49.460	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	98.920%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	13004	9.003	ug/l	91

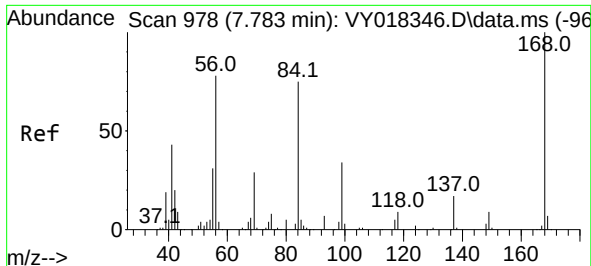
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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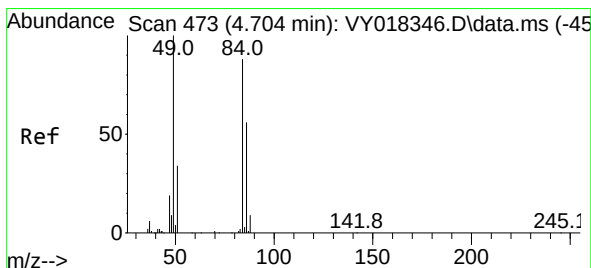
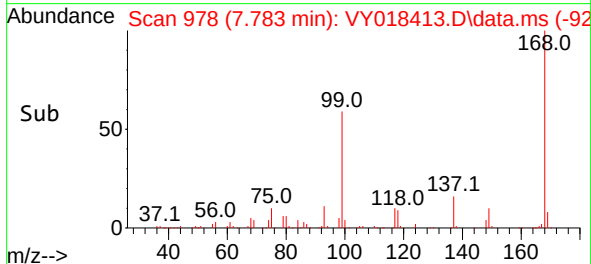
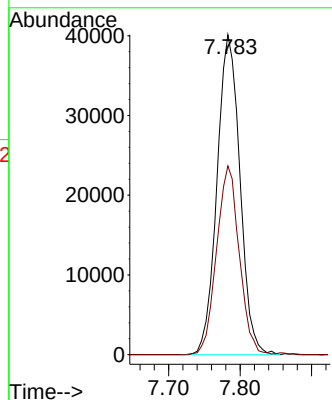
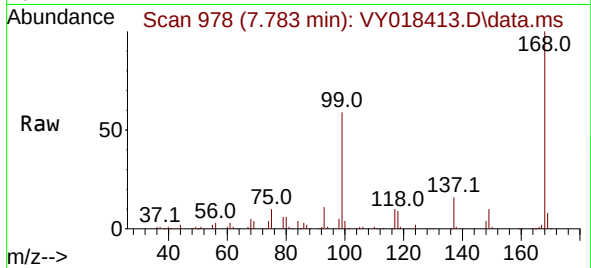




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

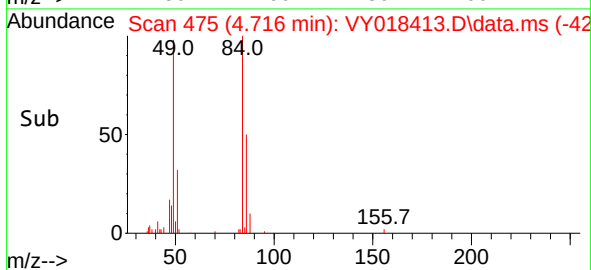
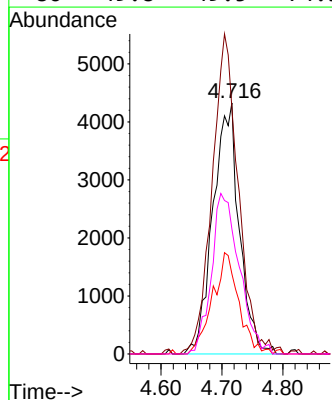
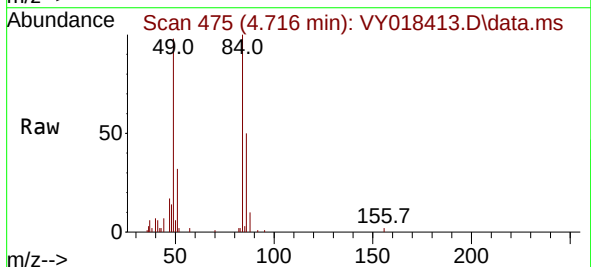
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-052924

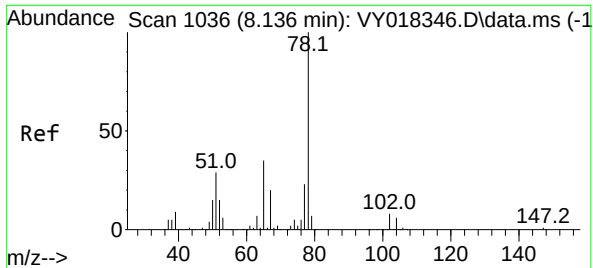
Tgt Ion:168 Resp: 89346
Ion Ratio Lower Upper
168 100
99 59.0 39.1 58.7#



#20
Methylene Chloride
Concen: 9.003 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

Tgt Ion: 84 Resp: 13004
Ion Ratio Lower Upper
84 100
49 98.1 84.4 126.6
51 31.9 26.0 39.0
86 49.8 49.5 74.3

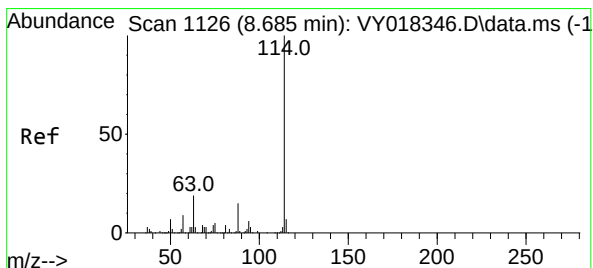
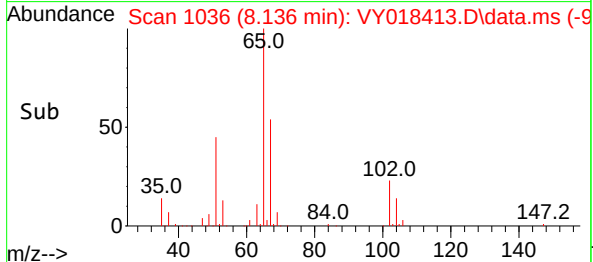
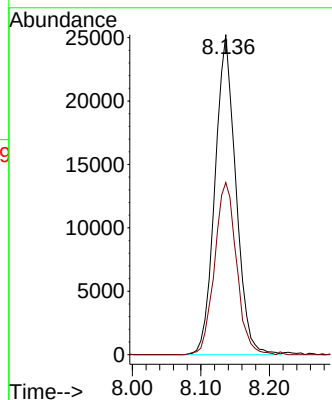
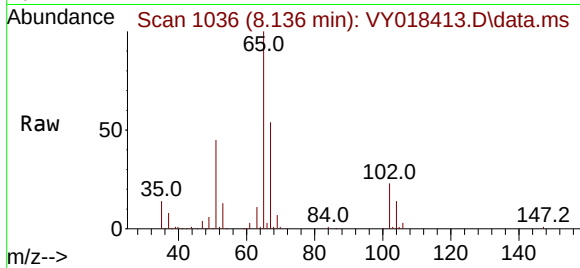




#33
 1,2-Dichloroethane-d4
 Concen: 62.882 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018413.D
 Acq: 30 May 2024 14:40

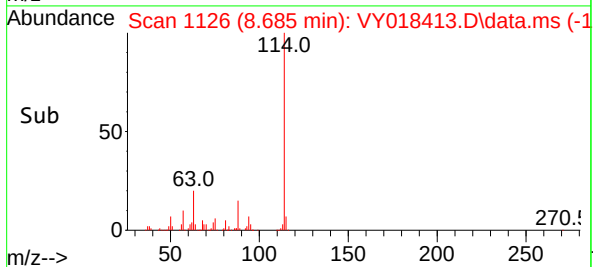
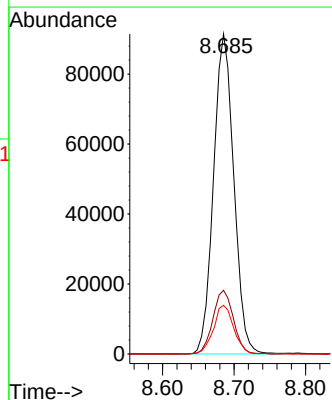
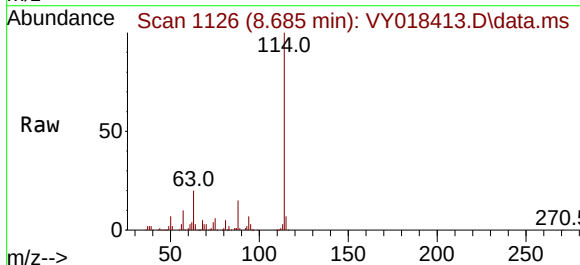
Instrument :
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 ClientSampleId :
 OR-03-052924

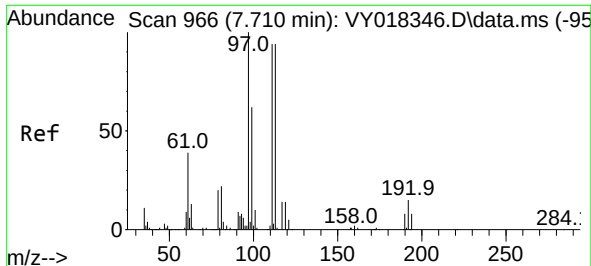
Tgt Ion: 65 Resp: 53228
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018413.D
 Acq: 30 May 2024 14:40

Tgt Ion:114 Resp: 180037
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 35.0
 88 15.2 0.0 27.2

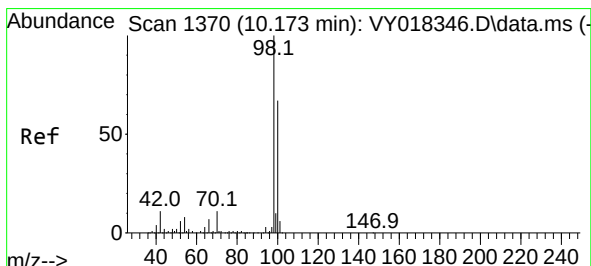
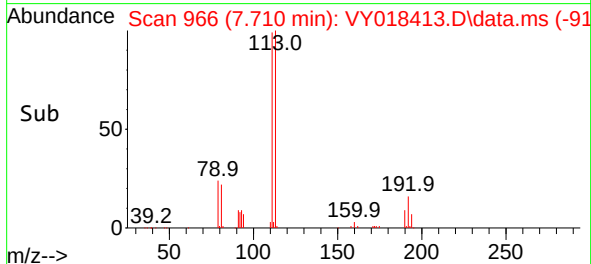
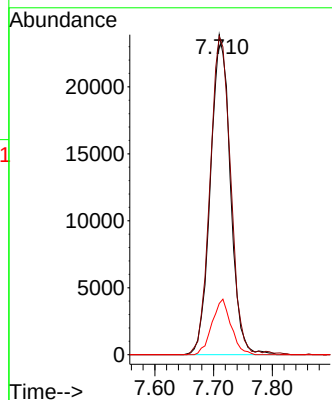
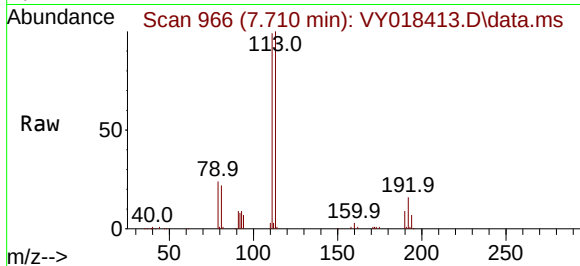




#35
Dibromofluoromethane
Concen: 53.369 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

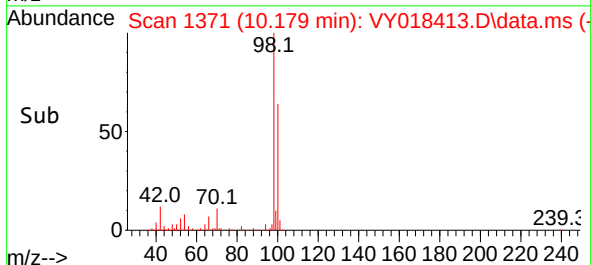
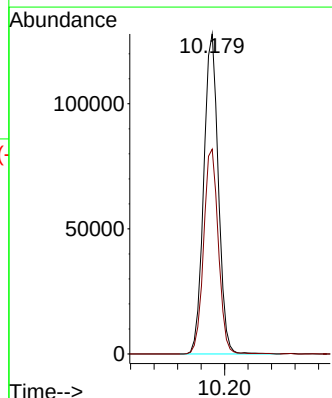
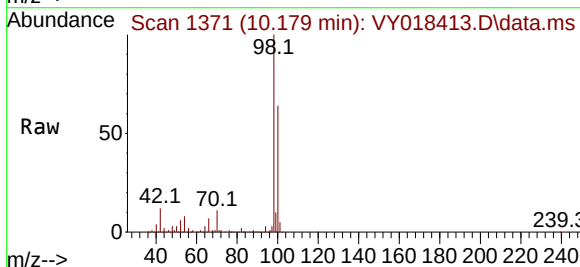
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-052924

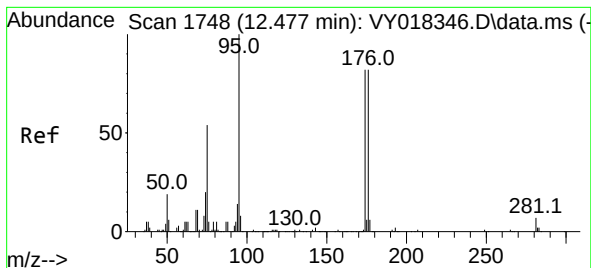
Tgt Ion:113 Resp: 56031
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 16.7 15.9 23.9



#50
Toluene-d8
Concen: 53.886 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

Tgt Ion: 98 Resp: 220572
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

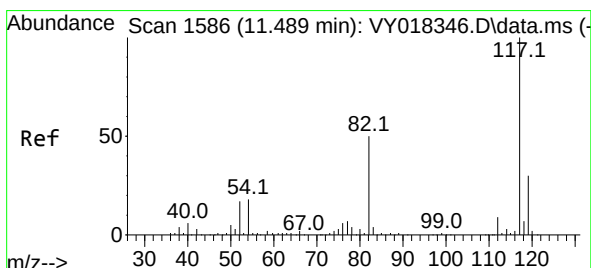
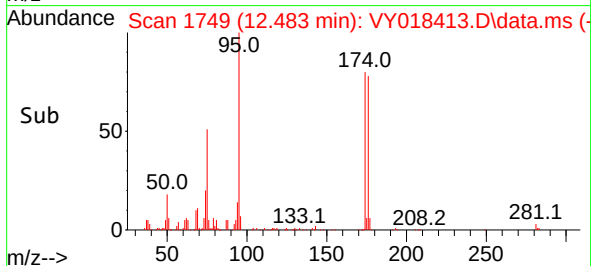
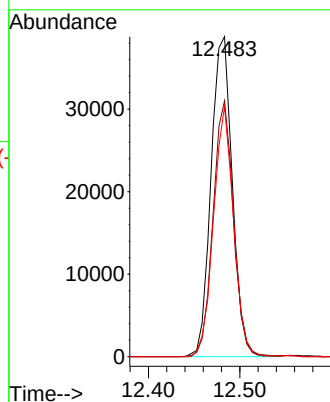
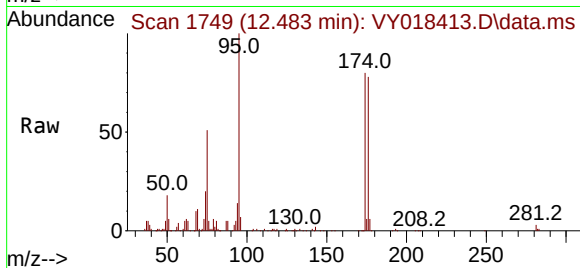




#62
4-Bromofluorobenzene
Concen: 49.460 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

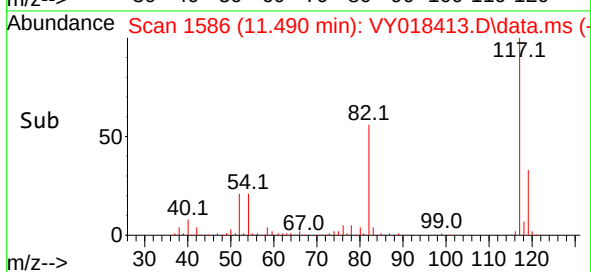
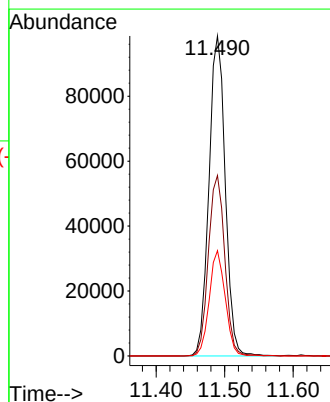
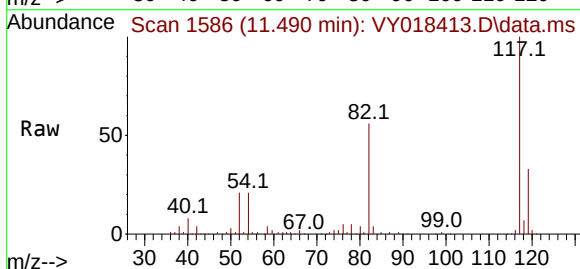
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MSVOA_Y
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OR-03-052924

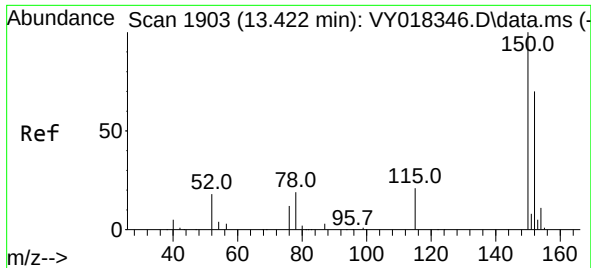
Tgt Ion: 95 Resp: 62557
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 73.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

Tgt Ion: 117 Resp: 163336
Ion Ratio Lower Upper
117 100
82 56.4 42.4 63.6
119 32.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018413.D
 Acq: 30 May 2024 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-052924

Tgt Ion:152 Resp: 56576
 Ion Ratio Lower Upper
 152 100
 115 61.0 28.2 84.7
 150 157.8 0.0 345.6

