

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018370.D
 Acq On : 24 May 2024 17:28
 Operator : SY/MD
 Sample : P2616-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

Quant Time: May 25 03:26:28 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)

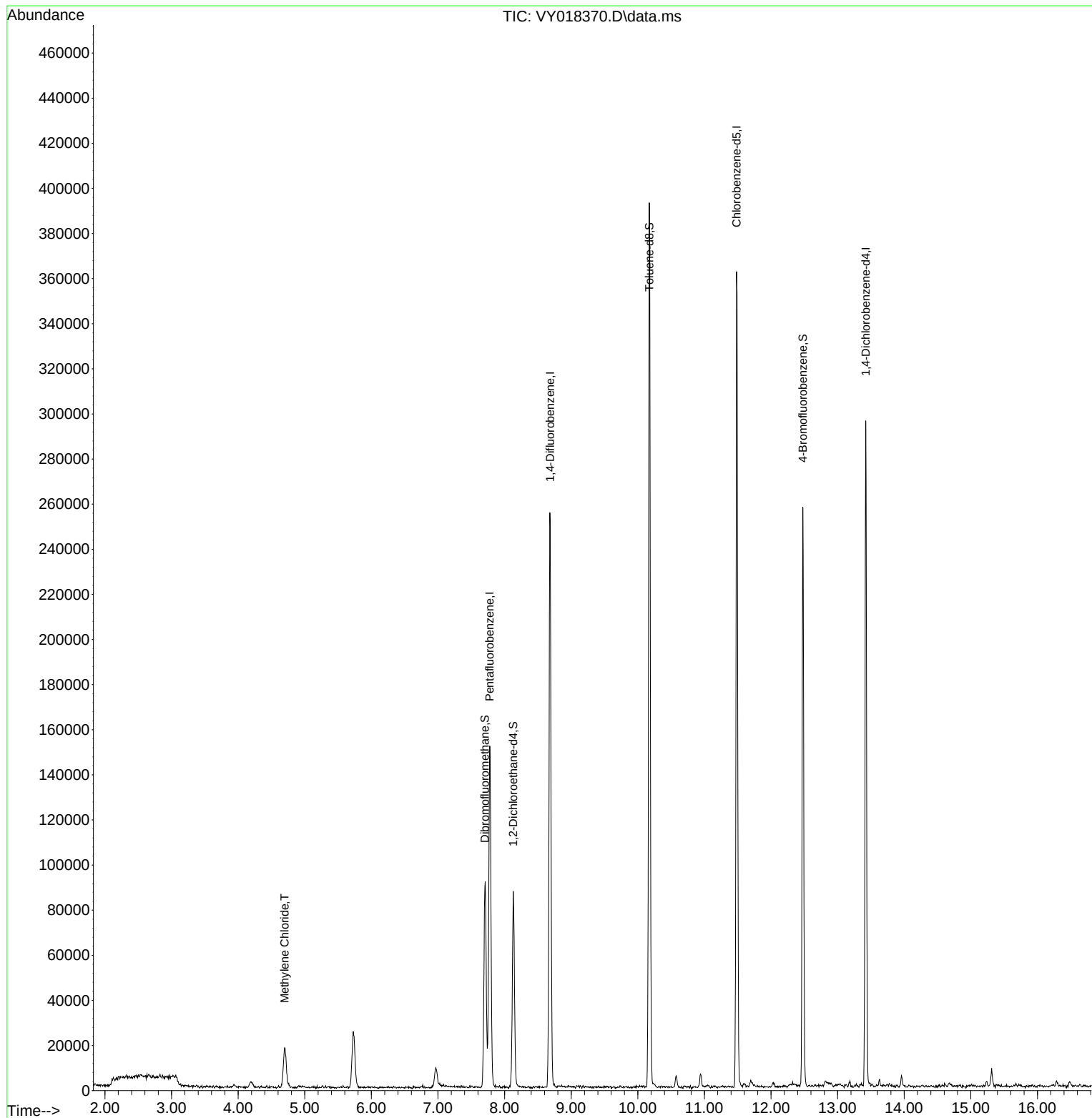
Internal Standards						
1) Pentafluorobenzene	7.776	168	108846	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	221560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	195167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	62015	60.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.280%	
35) Dibromofluoromethane	7.703	113	66762	51.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.340%	
50) Toluene-d8	10.172	98	258811	51.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	12.477	95	78692	50.557	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.120%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.698	84	13370	6.762	ug/l	# 96

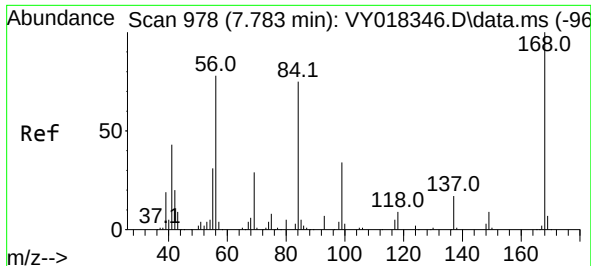
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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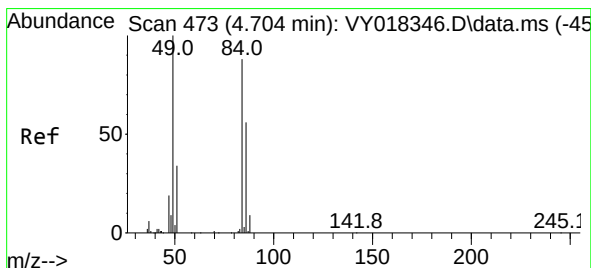
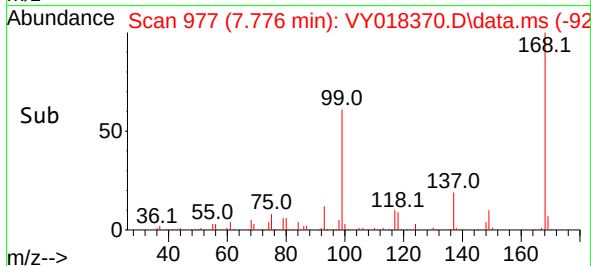
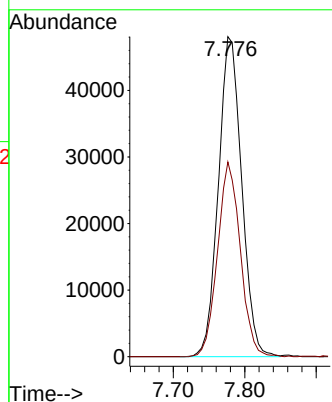
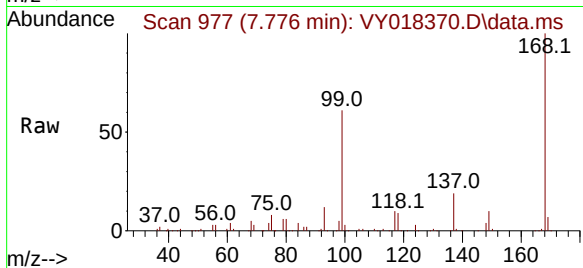




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY018370.D
Acq: 24 May 2024 17:28

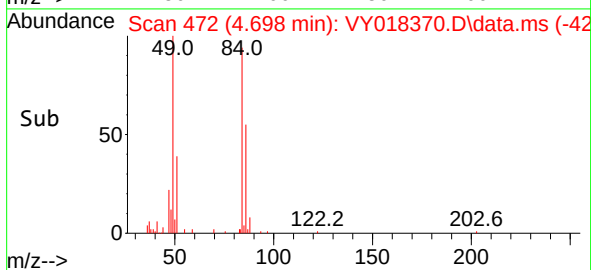
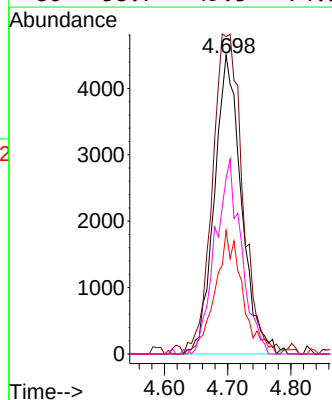
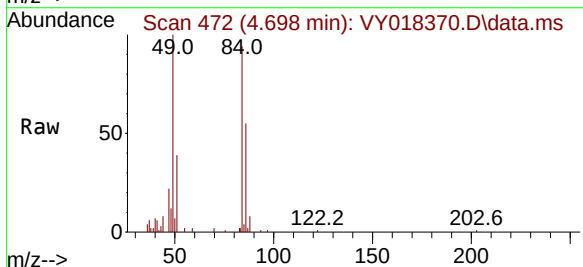
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

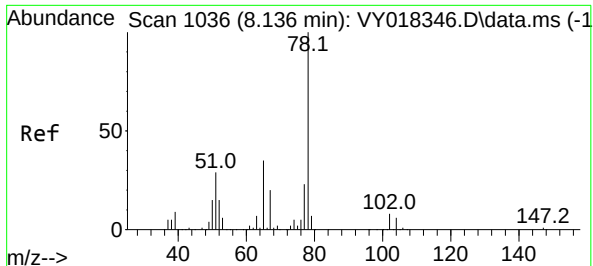
Tgt Ion:168 Resp: 108846
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#20
Methylene Chloride
Concen: 6.762 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018370.D
Acq: 24 May 2024 17:28

Tgt Ion: 84 Resp: 13370
Ion Ratio Lower Upper
84 100
49 104.7 84.4 126.6
51 41.2 26.0 39.0#
86 58.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 60.137 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.007 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

Instrument :

MSVOA_Y

ClientSampleId :

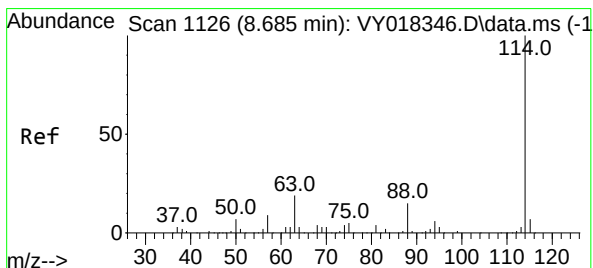
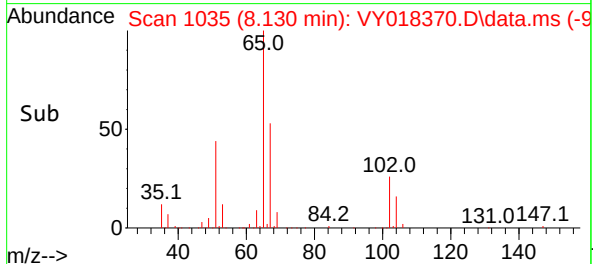
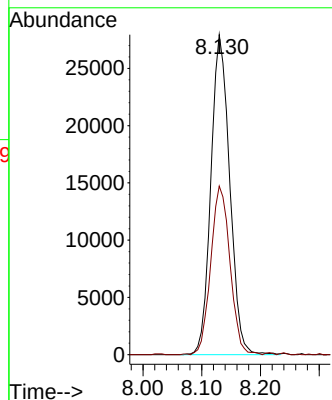
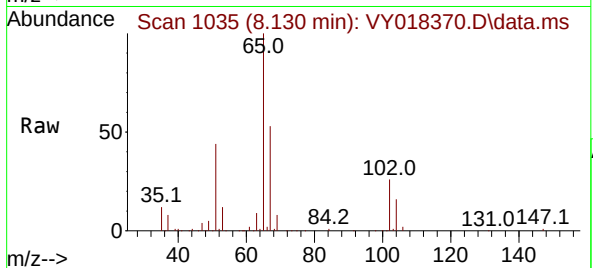
VNJ-206

Tgt Ion: 65 Resp: 62015

Ion Ratio Lower Upper

65 100

67 53.9 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: VY018370.D

Acq: 24 May 2024 17:28

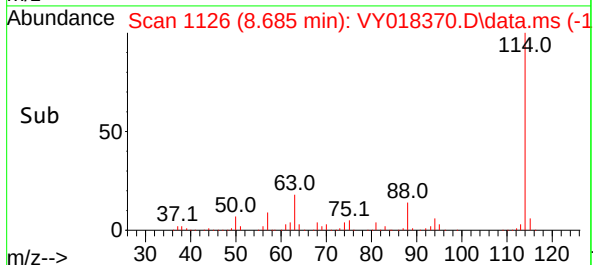
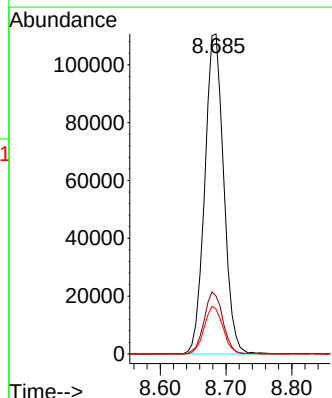
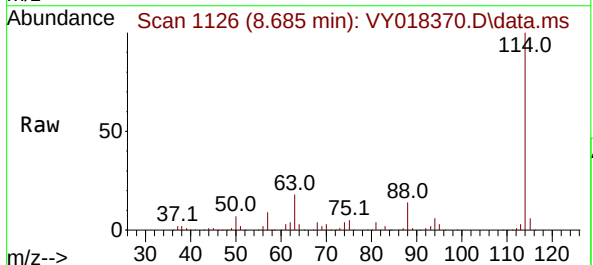
Tgt Ion: 114 Resp: 221560

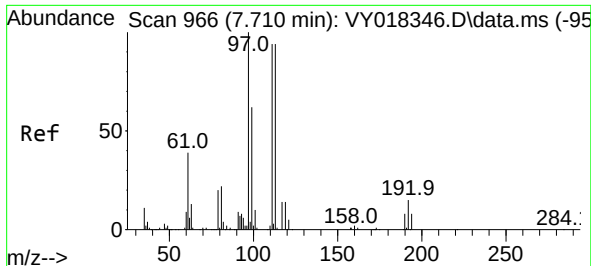
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.0 0.0 27.2

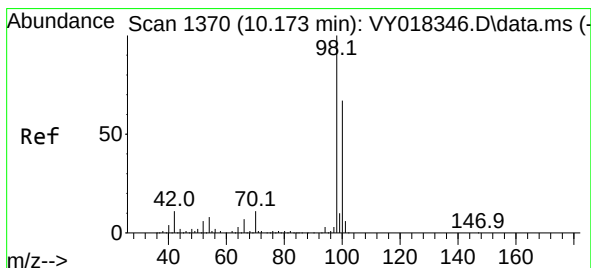
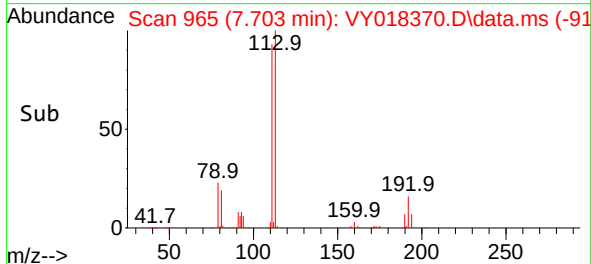
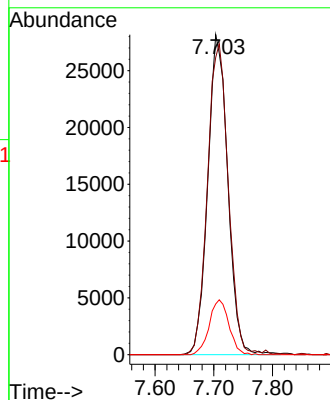
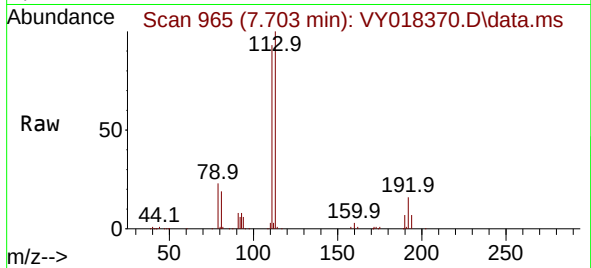




#35
Dibromofluoromethane
Concen: 51.672 ug/l
RT: 7.703 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018370.D
Acq: 24 May 2024 17:28

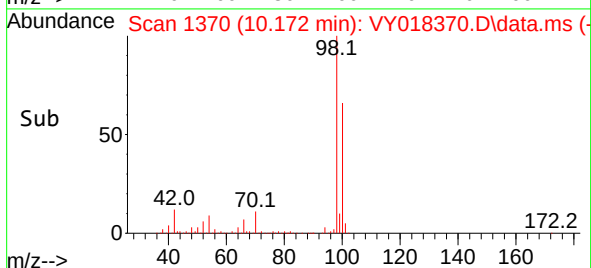
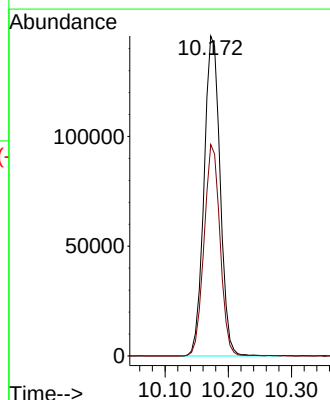
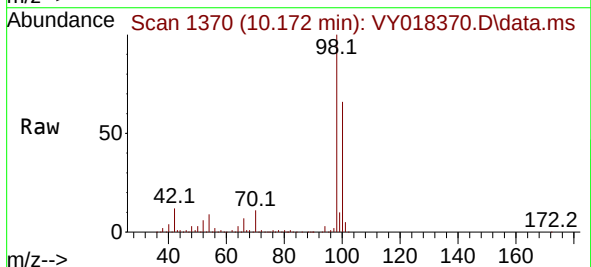
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

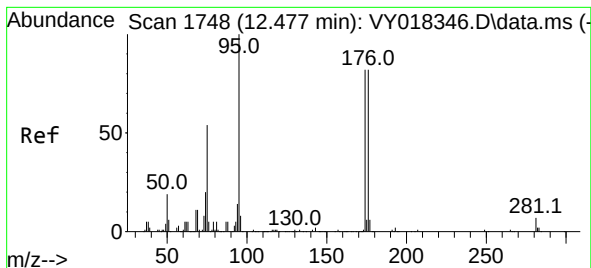
Tgt Ion:113 Resp: 66762
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 16.9 15.9 23.9



#50
Toluene-d8
Concen: 51.378 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018370.D
Acq: 24 May 2024 17:28

Tgt Ion: 98 Resp: 258811
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

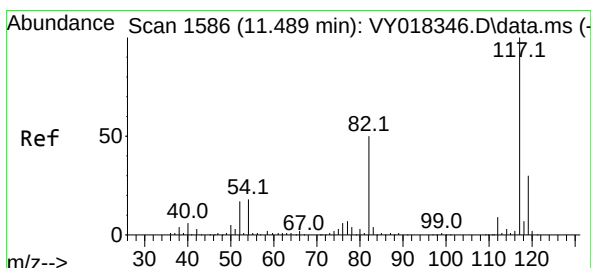
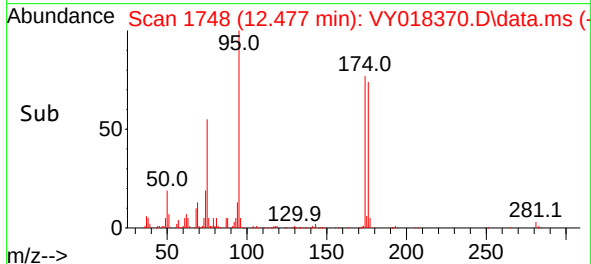
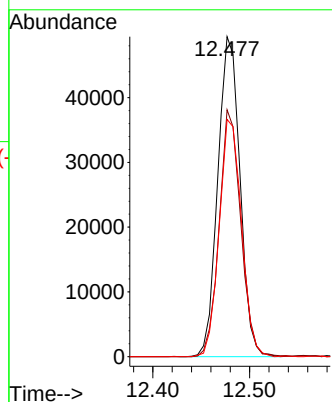
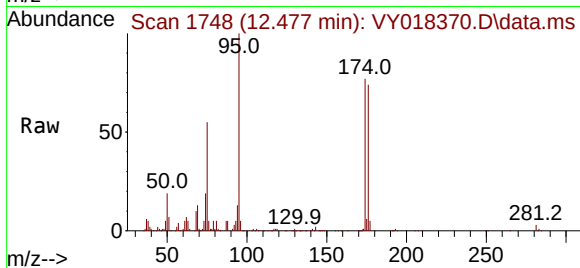




#62
4-Bromofluorobenzene
Concen: 50.557 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018370.D
Acq: 24 May 2024 17:28

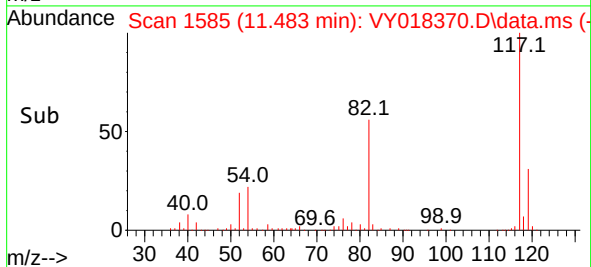
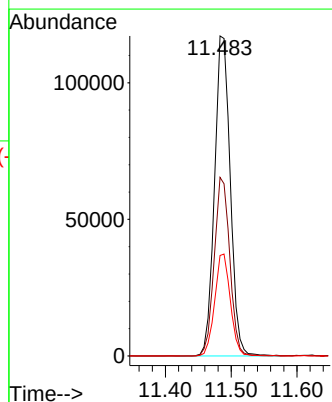
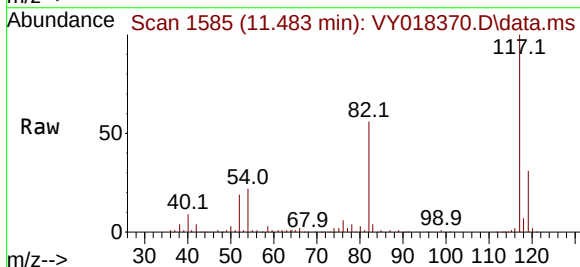
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

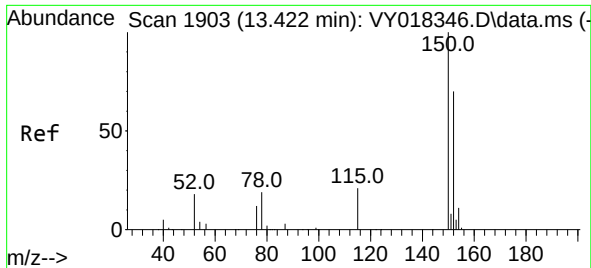
Tgt Ion: 95 Resp: 78692
Ion Ratio Lower Upper
95 100
174 74.9 0.0 175.6
176 74.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018370.D
Acq: 24 May 2024 17:28

Tgt Ion: 117 Resp: 195167
Ion Ratio Lower Upper
117 100
82 55.8 42.4 63.6
119 31.4 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: VY018370.D
 Acq: 24 May 2024 17:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

Tgt Ion:152 Resp: 72218
 Ion Ratio Lower Upper
 152 100
 115 60.5 28.2 84.7
 150 154.1 0.0 345.6

