

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018485.D
 Acq On : 05 Jun 2024 15:22
 Operator : SY/MD
 Sample : P2680-03RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241RE

Quant Time: Jun 05 15:47:11 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)

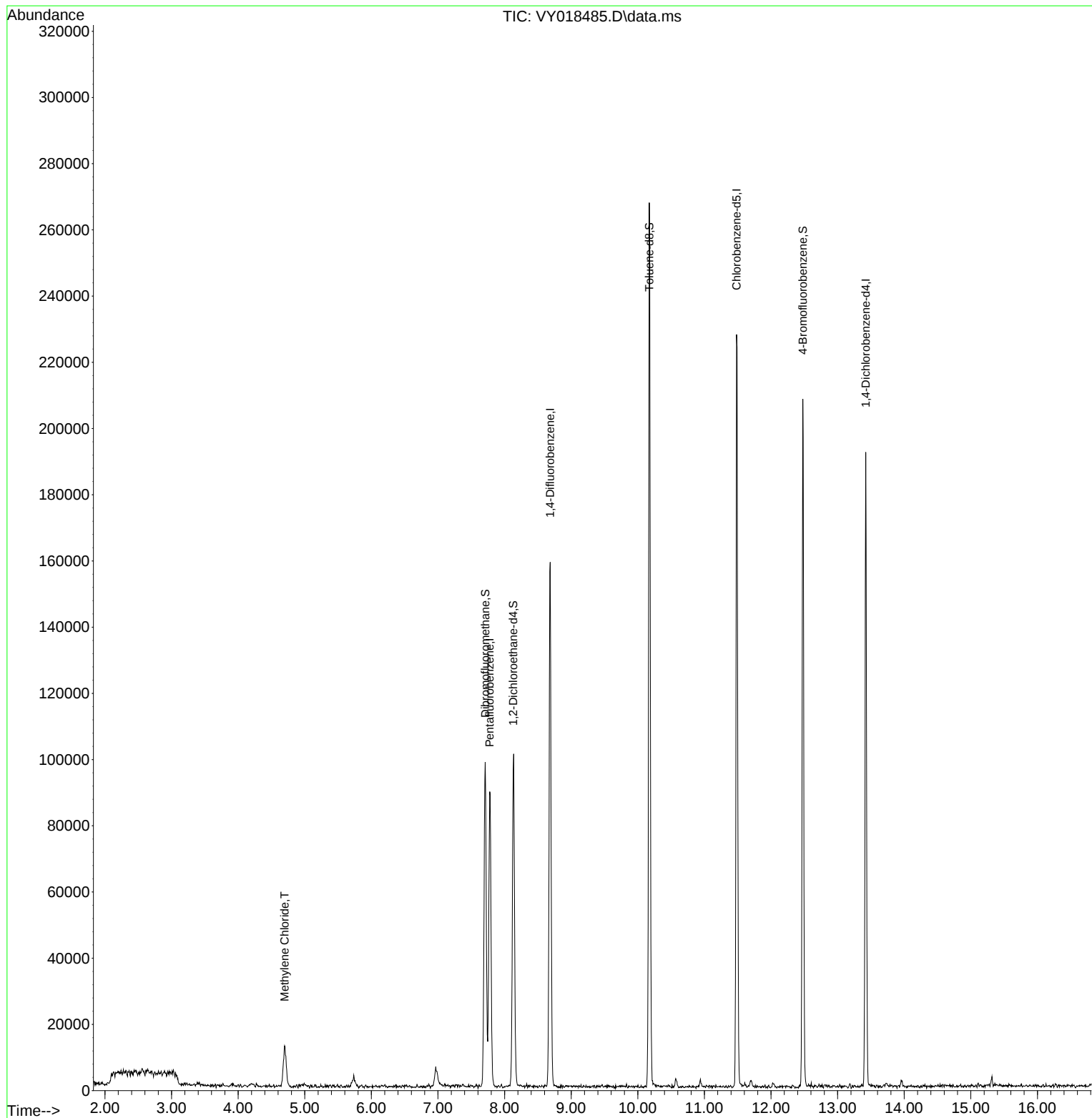
Internal Standards						
1) Pentafluorobenzene	7.777	168	62364	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	131034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	119867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	71940	58.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.480%
35) Dibromofluoromethane	7.710	113	67754	40.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.560%
50) Toluene-d8	10.173	98	170601	25.808	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	51.620%#
62) 4-Bromofluorobenzene	12.477	95	61958	30.104	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	8401	2.665	ug/l	# 88

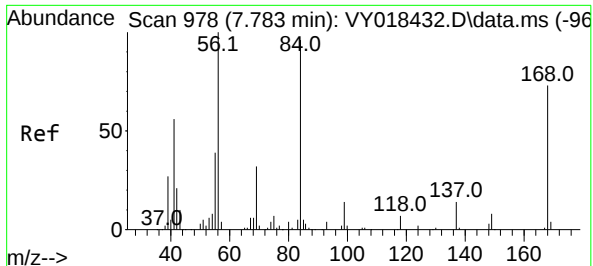
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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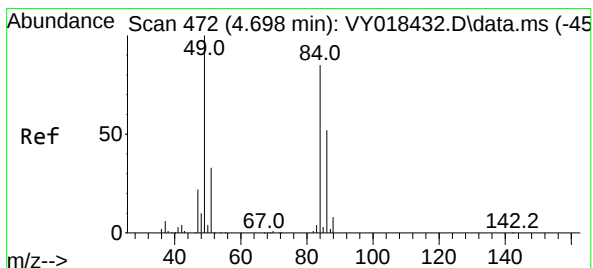
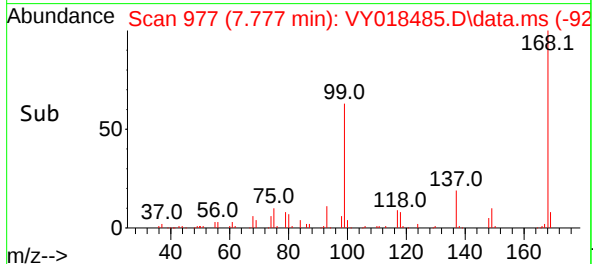
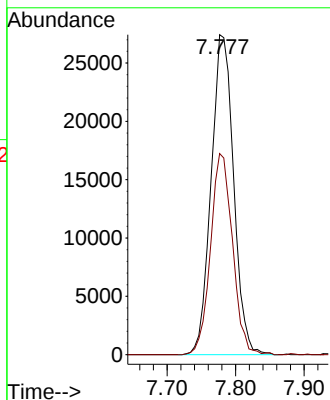
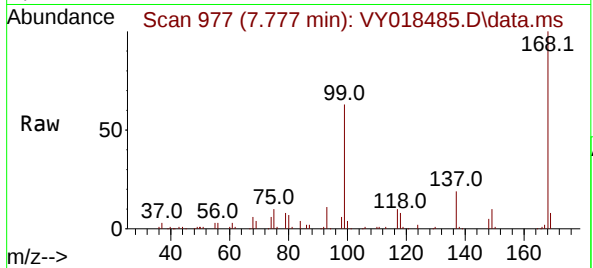




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018485.D
Acq: 05 Jun 2024 15:22

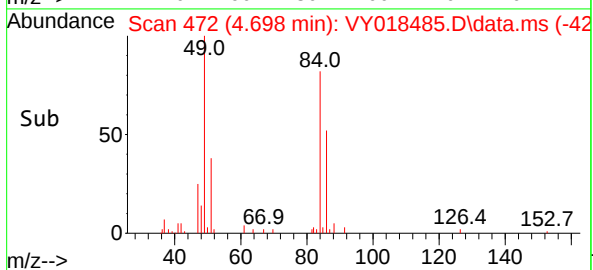
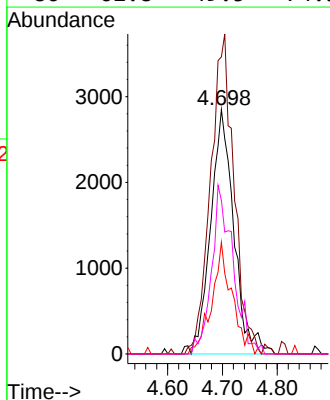
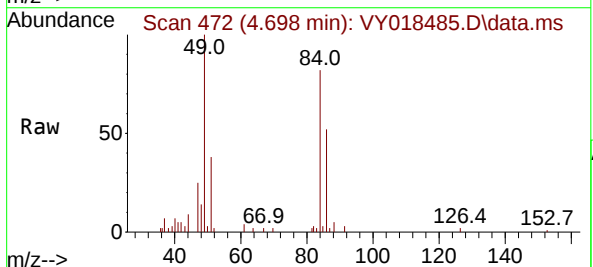
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241RE

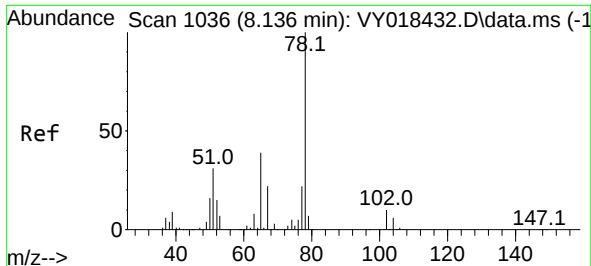
Tgt Ion:168 Resp: 62364
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#20
Methylene Chloride
Concen: 2.665 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018485.D
Acq: 05 Jun 2024 15:22

Tgt Ion: 84 Resp: 8401
Ion Ratio Lower Upper
84 100
49 121.5 84.4 126.6
51 45.7 26.0 39.0#
86 62.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 58.739 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018485.D

Acq: 05 Jun 2024 15:22

Instrument :

MSVOA_Y

ClientSampleId :

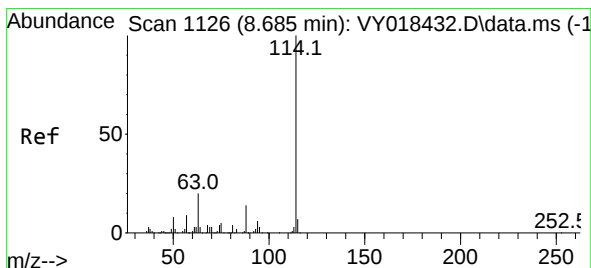
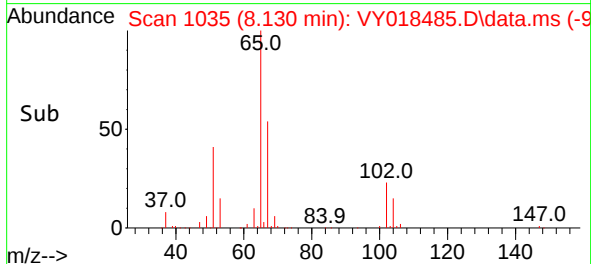
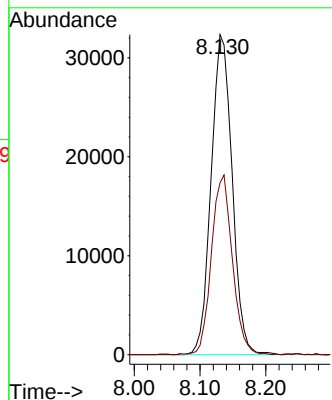
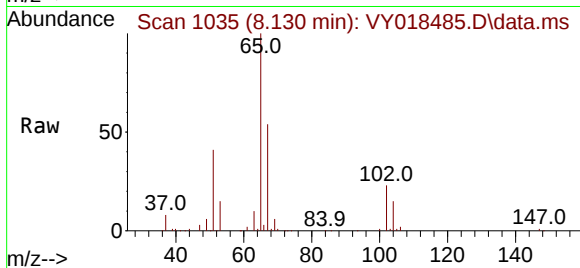
VNJ-241RE

Tgt Ion: 65 Resp: 71940

Ion Ratio Lower Upper

65 100

67 56.0 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: VY018485.D

Acq: 05 Jun 2024 15:22

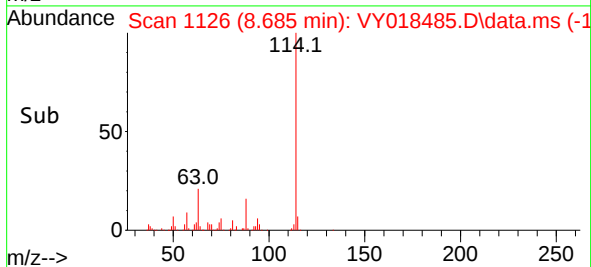
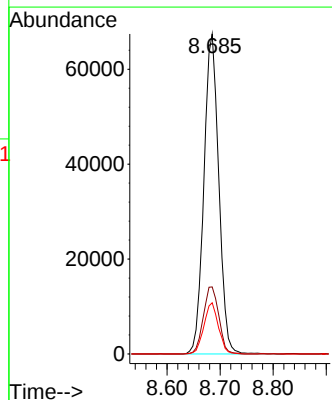
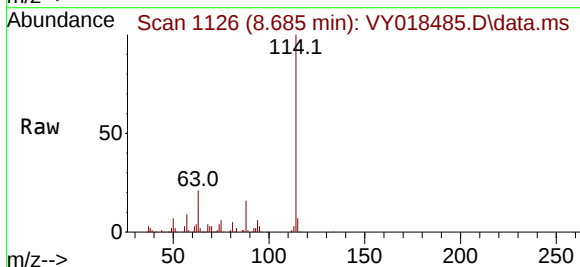
Tgt Ion: 114 Resp: 131034

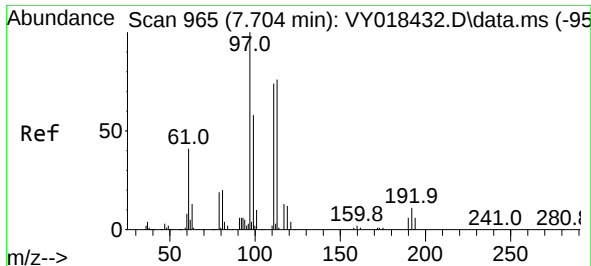
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 16.0 0.0 27.2

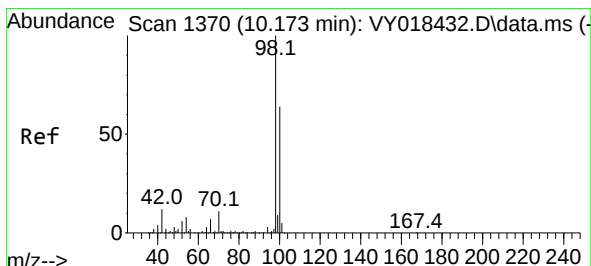
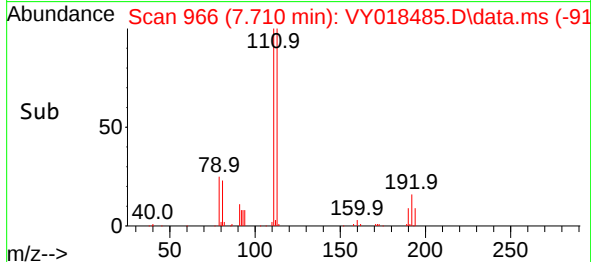
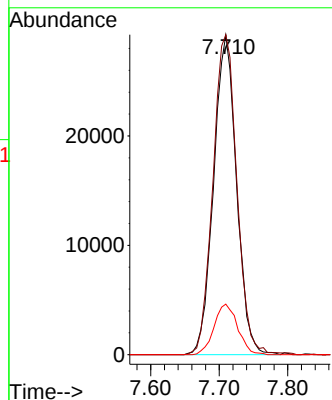
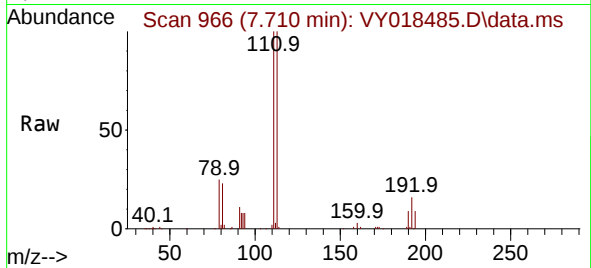




#35
Dibromofluoromethane
Concen: 40.776 ug/l
RT: 7.710 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY018485.D
Acq: 05 Jun 2024 15:22

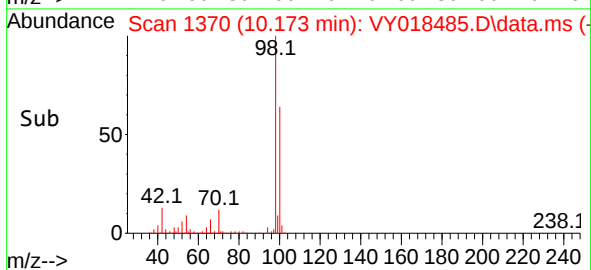
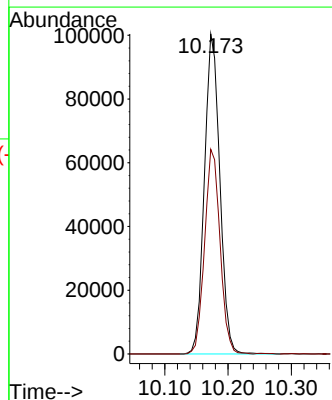
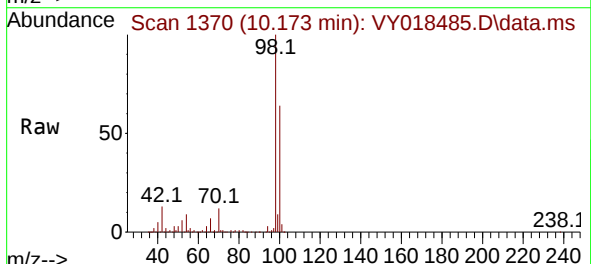
Instrument :
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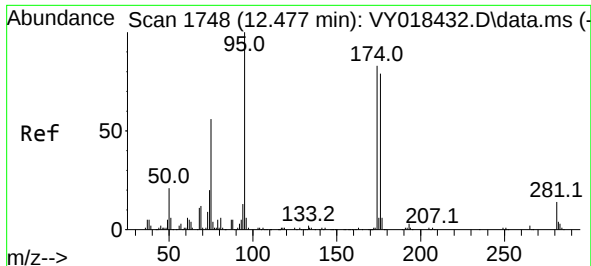
Tgt Ion:113 Resp: 67754
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 16.3 15.9 23.9



#50
Toluene-d8
Concen: 25.808 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018485.D
Acq: 05 Jun 2024 15:22

Tgt Ion: 98 Resp: 170601
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

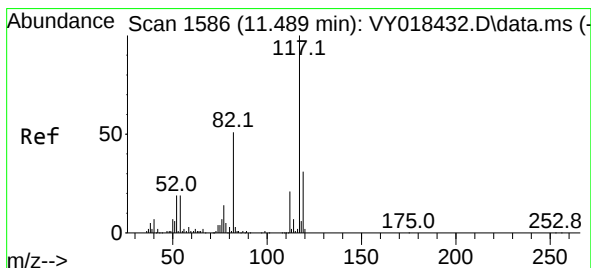
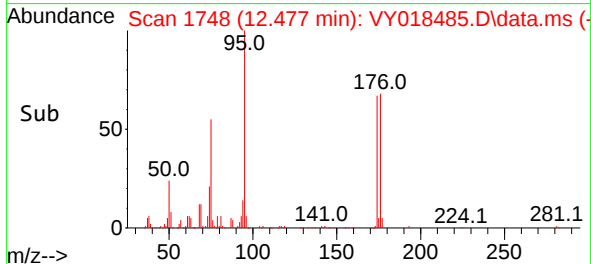
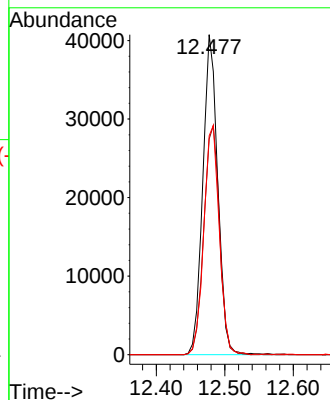
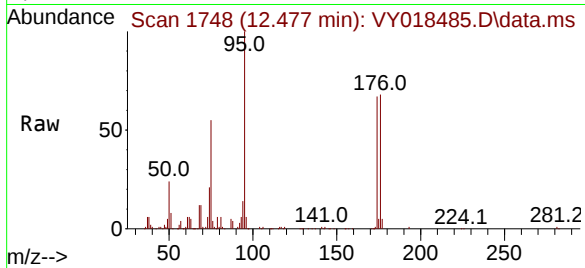




#62
4-Bromofluorobenzene
Concen: 30.104 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018485.D
Acq: 05 Jun 2024 15:22

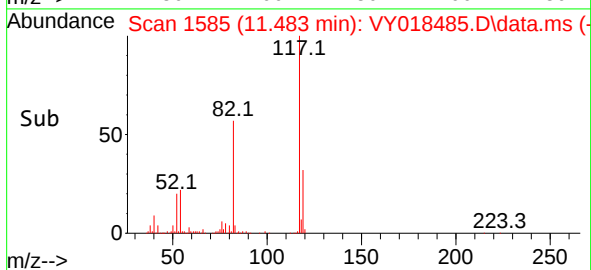
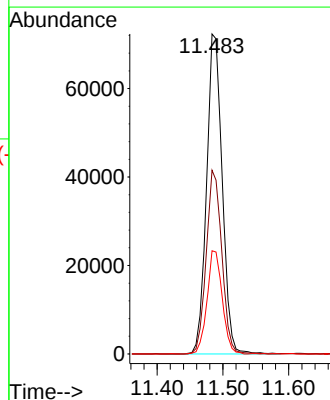
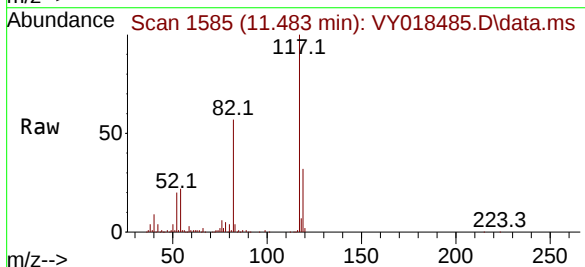
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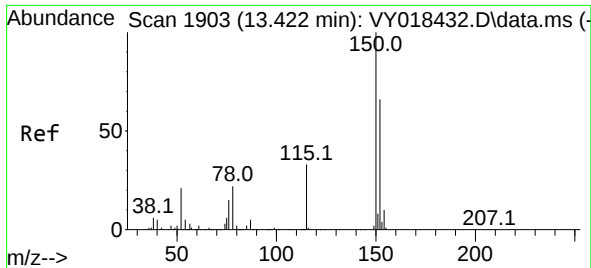
Tgt Ion: 95 Resp: 61958
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 74.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018485.D
Acq: 05 Jun 2024 15:22

Tgt Ion: 117 Resp: 119867
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 32.3 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: VY018485.D
 Acq: 05 Jun 2024 15:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241RE

Tgt Ion:152 Resp: 42753
 Ion Ratio Lower Upper
 152 100
 115 62.8 28.2 84.7
 150 158.6 0.0 345.6

