

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012623\
 Data File : VN076416.D
 Acq On : 26 Jan 2023 13:37
 Operator : JC\MD
 Sample : PB150465ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150465ZHE#01

Quant Time: Jan 27 00:34:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

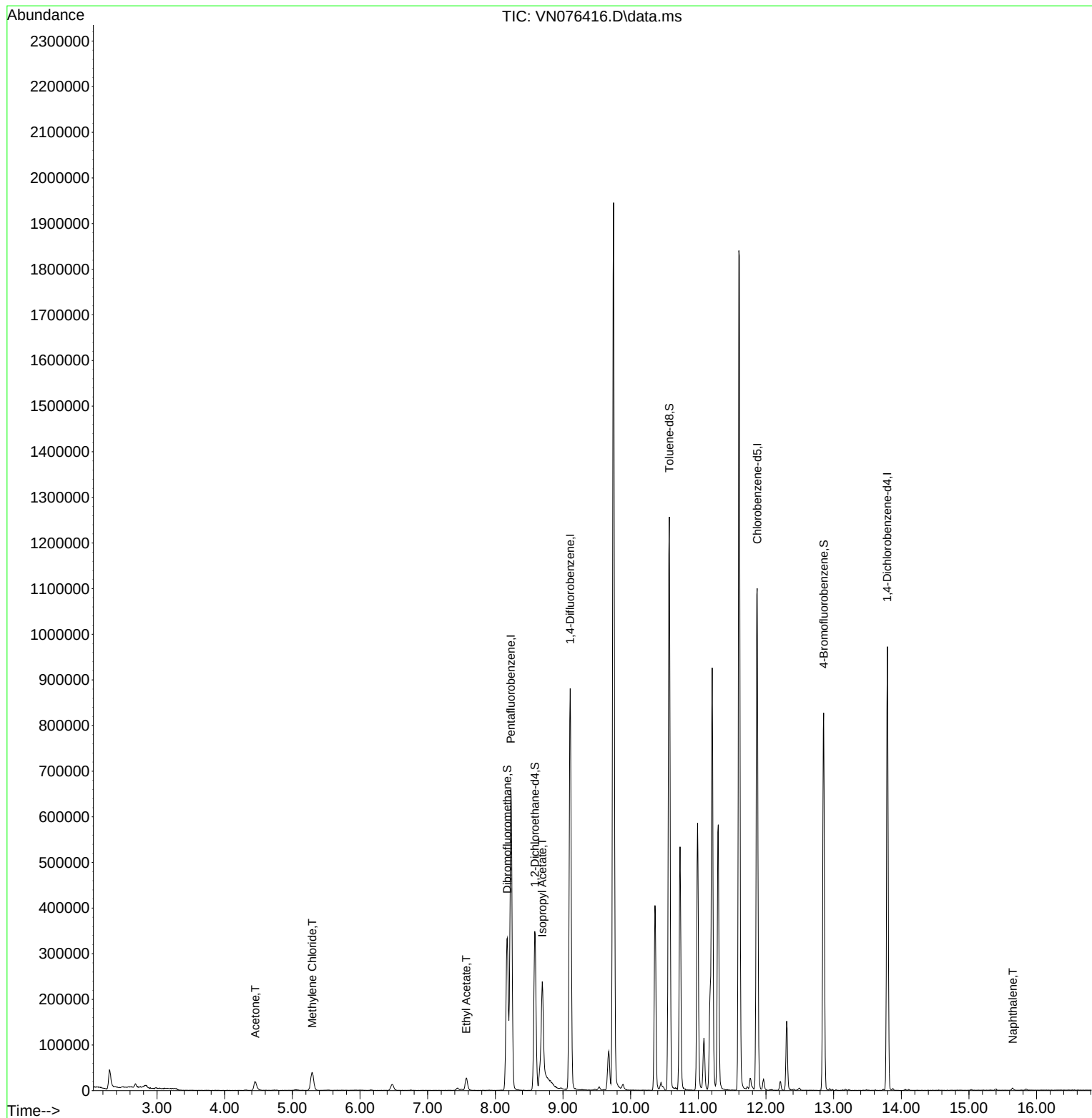
Internal Standards						
1) Pentafluorobenzene	8.229	168	474973	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	789383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	666245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	297407	55.922	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	111.840%	
35) Dibromofluoromethane	8.177	113	245832	49.785	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	99.560%	
50) Toluene-d8	10.570	98	879718	48.240	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	96.480%	
62) 4-Bromofluorobenzene	12.853	95	276095	46.377	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	=	92.760%	
Target Compounds						
16) Acetone	4.453	43	37793	22.101	ug/l	# 87
20) Methylene Chloride	5.294	84	33434	6.099	ug/l	97
37) Ethyl Acetate	7.571	43	41479	7.401	ug/l	99
43) Isopropyl Acetate	8.694	43	353381	38.597	ug/l	# 74
95) Naphthalene	15.647	128	5121	2.203	ug/l	# 92

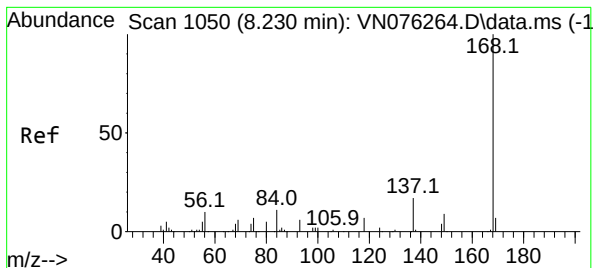
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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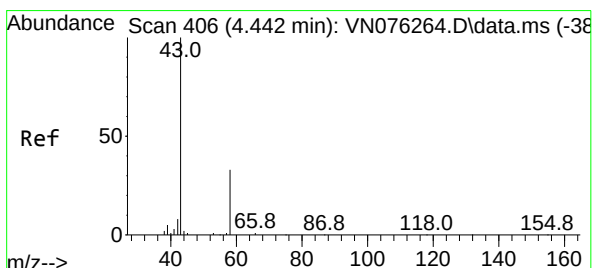
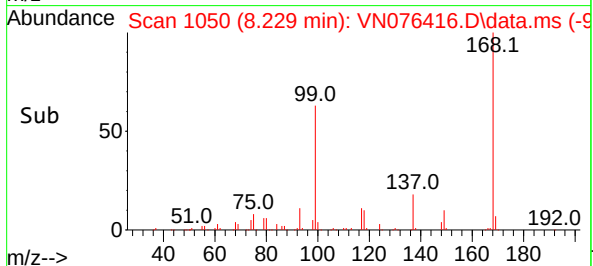
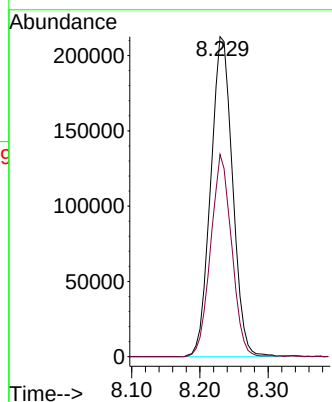
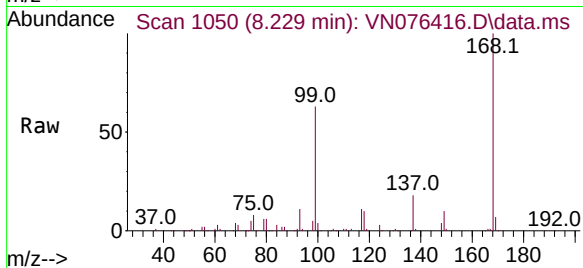




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

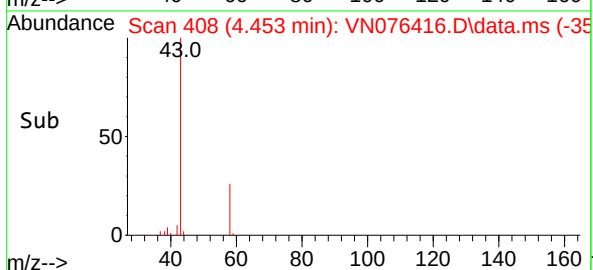
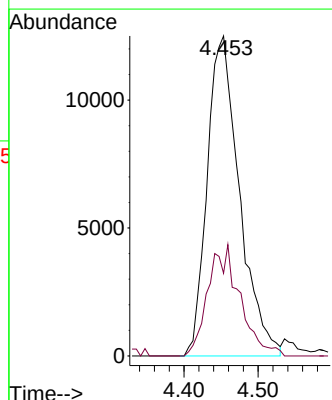
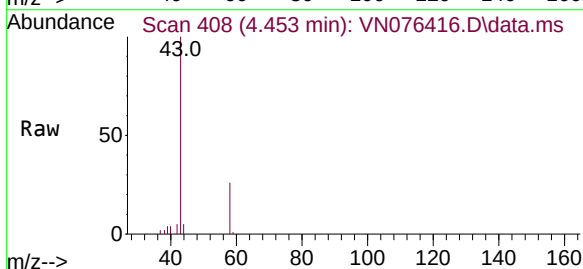
Instrument :
MSVOA_N
ClientSampleId :
PB150465ZHE#01

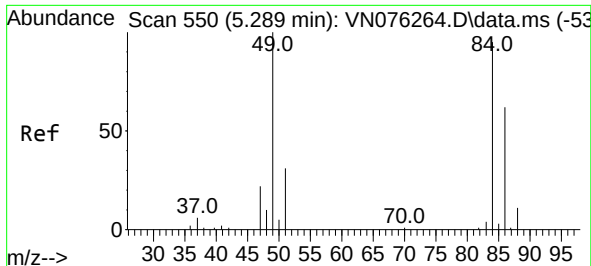
Tgt Ion:168 Resp: 474973
Ion Ratio Lower Upper
168 100
99 63.2 41.6 62.4#



#16
Acetone
Concen: 22.101 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

Tgt Ion: 43 Resp: 37793
Ion Ratio Lower Upper
43 100
58 25.8 26.7 40.1#

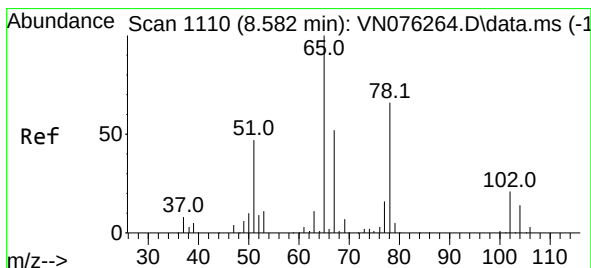
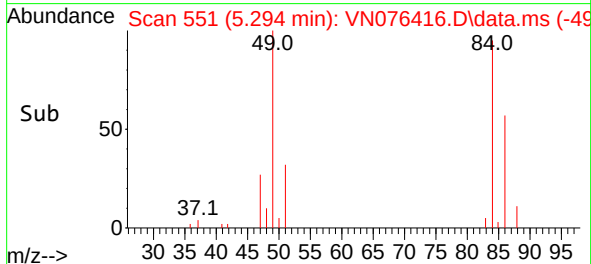
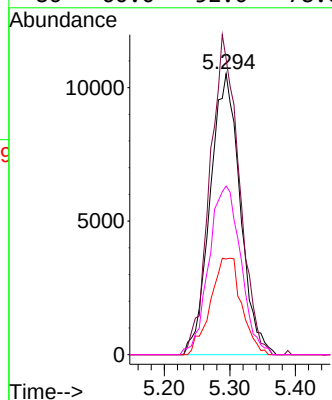
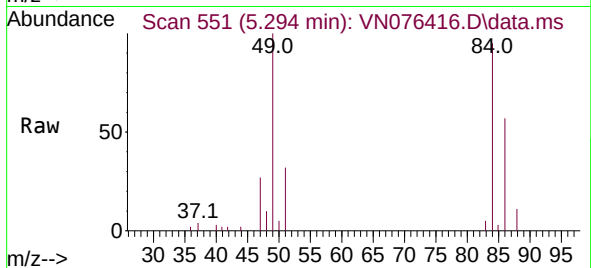




#20
Methylene Chloride
Concen: 6.099 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

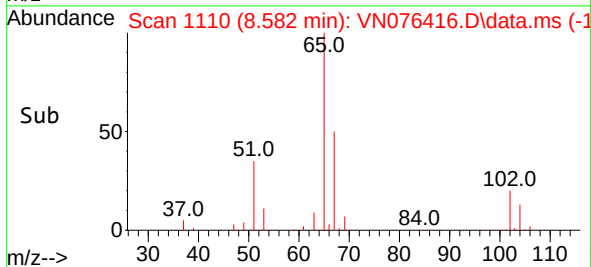
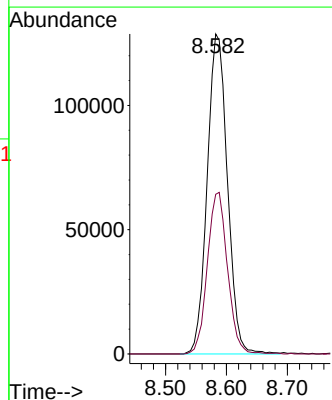
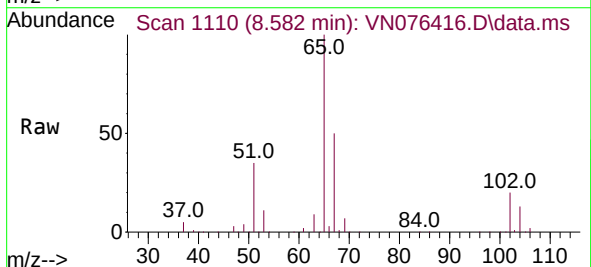
Instrument :
MSVOA_N
ClientSampleId :
PB150465ZHE#01

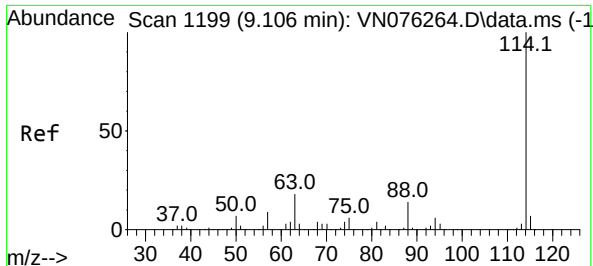
Tgt Ion: 84	Resp:	33434	
Ion	Ratio	Lower	Upper
84	100		
49	105.3	84.5	126.7
51	34.1	26.0	39.0
86	60.0	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 55.922 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

Tgt Ion: 65	Resp: 297407
Ion Ratio	Lower Upper
65 100	
67 50.2	0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076416.D

Acq: 26 Jan 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

PB150465ZHE#01

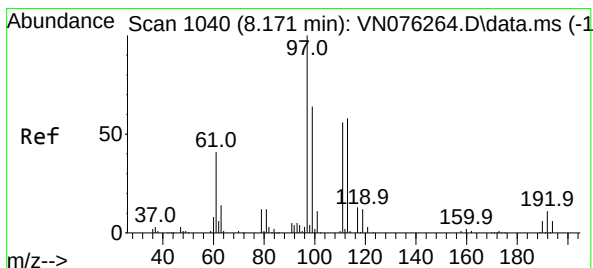
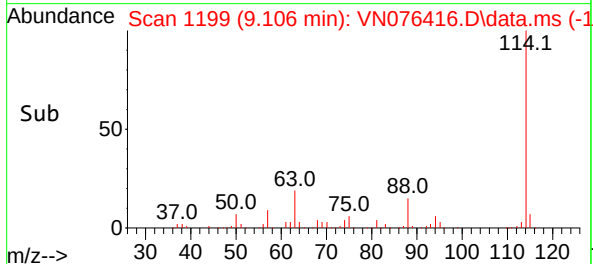
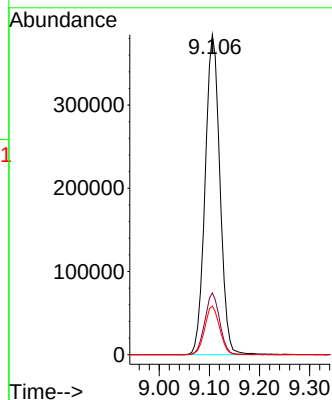
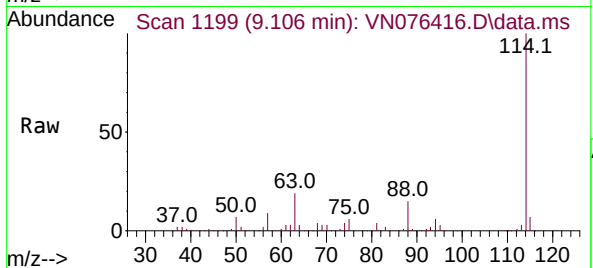
Tgt Ion:114 Resp: 789383

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.8

88 15.2 0.0 28.0



#35

Dibromofluoromethane

Concen: 49.785 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076416.D

Acq: 26 Jan 2023 13:37

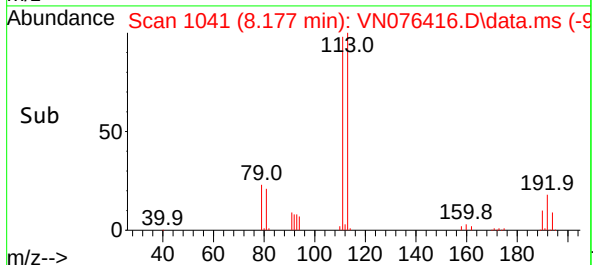
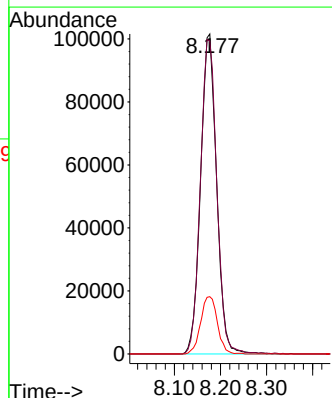
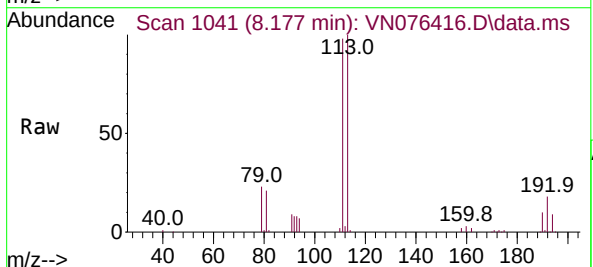
Tgt Ion:113 Resp: 245832

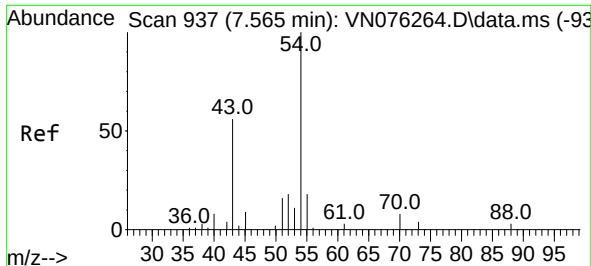
Ion Ratio Lower Upper

113 100

111 100.7 82.7 124.1

192 18.7 15.6 23.4

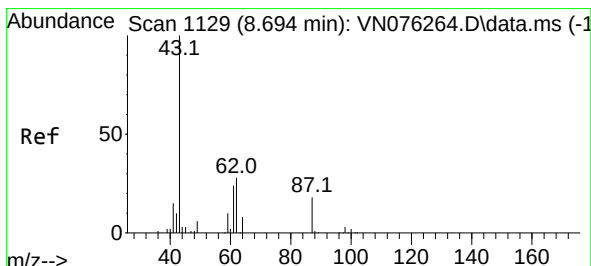
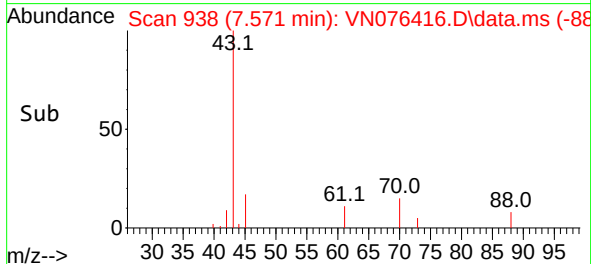
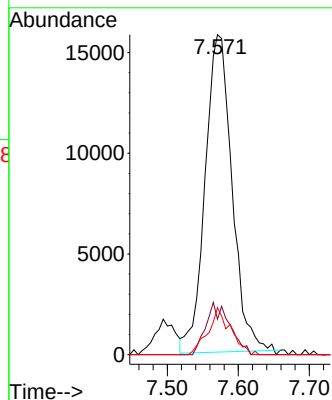
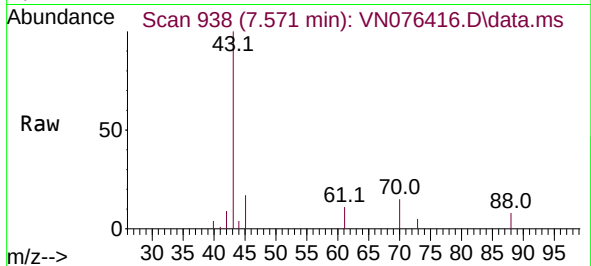




#37
Ethyl Acetate
Concen: 7.401 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

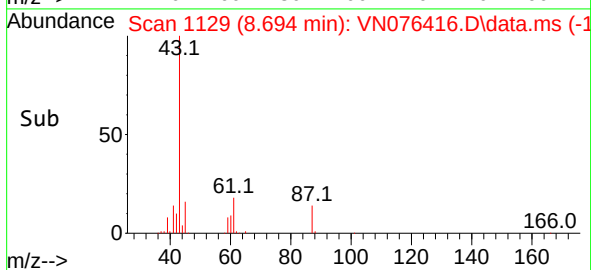
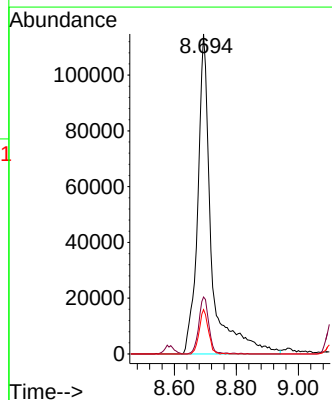
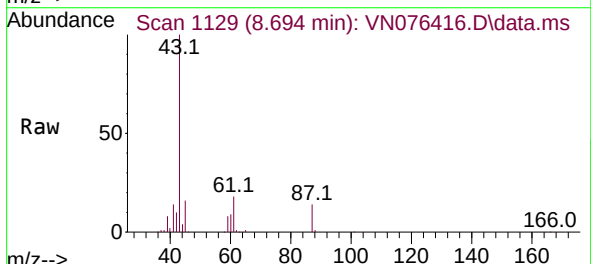
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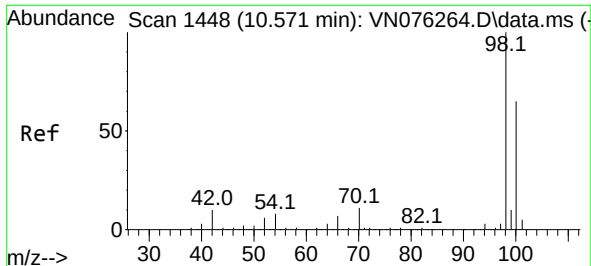
Tgt Ion: 43 Resp: 41479
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 12.5 10.0 15.0



#43
Isopropyl Acetate
Concen: 38.597 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

Tgt Ion: 43 Resp: 353381
Ion Ratio Lower Upper
43 100
61 12.8 23.5 35.3#
87 9.1 13.8 20.6#

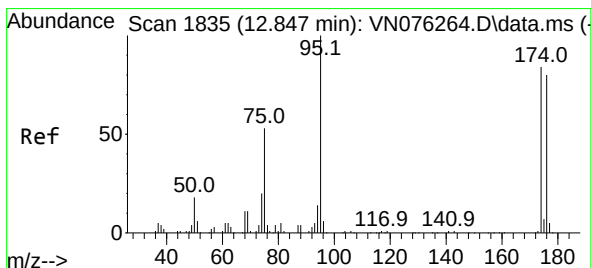
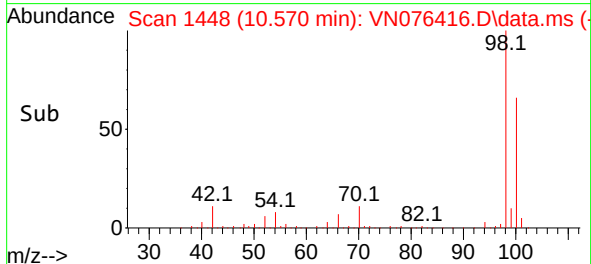
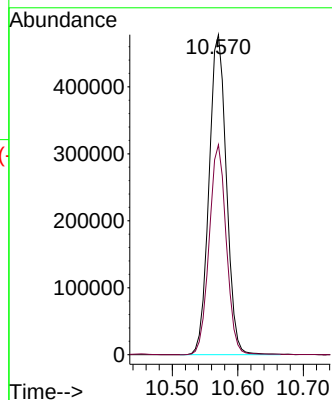
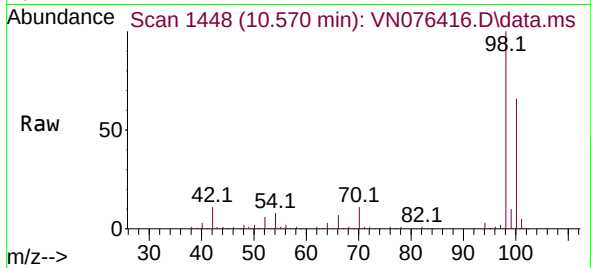




#50
Toluene-d8
Concen: 48.240 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

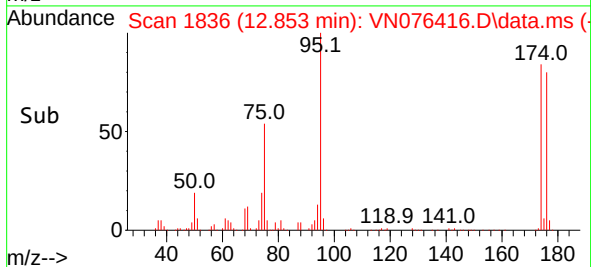
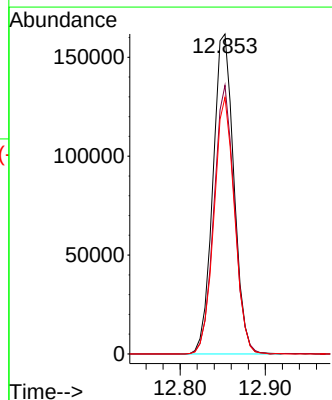
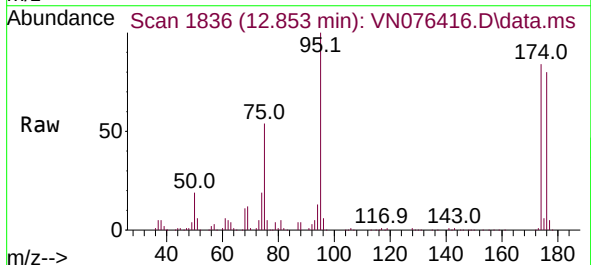
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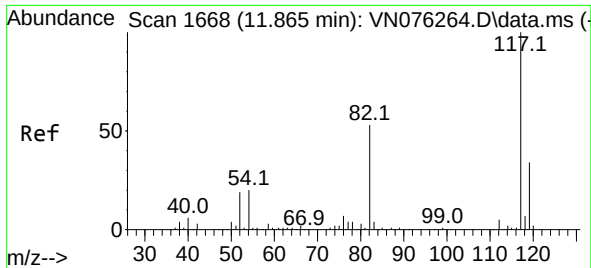
Tgt Ion: 98 Resp: 879718
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.377 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

Tgt Ion: 95 Resp: 276095
Ion Ratio Lower Upper
95 100
174 82.1 0.0 174.6
176 78.7 0.0 167.8

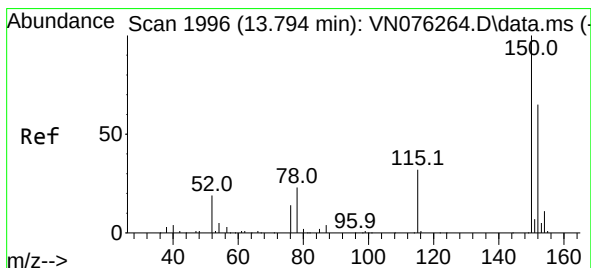
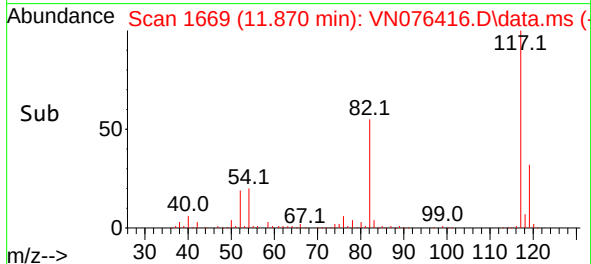
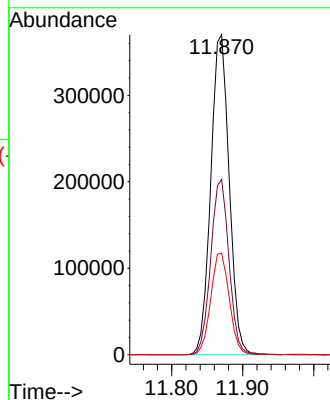
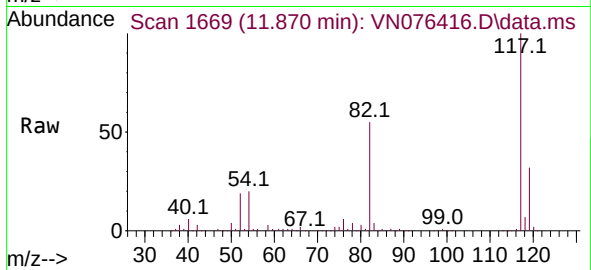




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.005 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

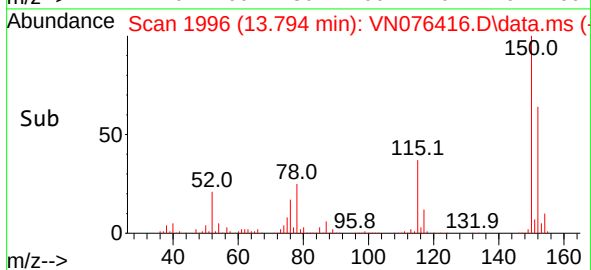
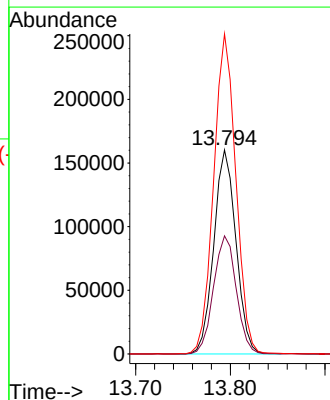
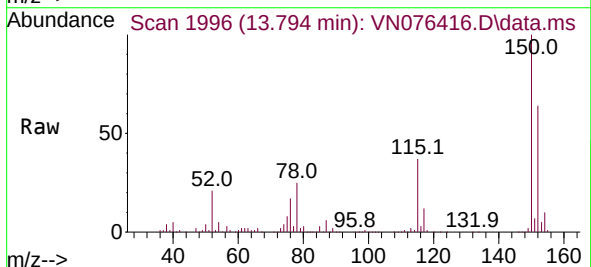
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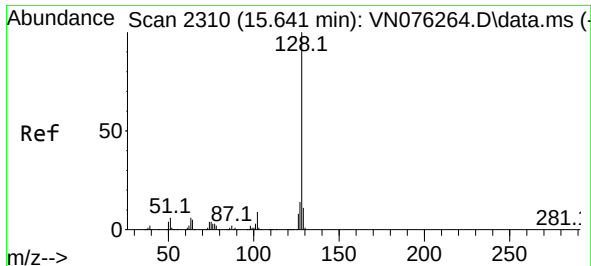
Tgt Ion:117 Resp: 666245
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.2
119 31.7 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

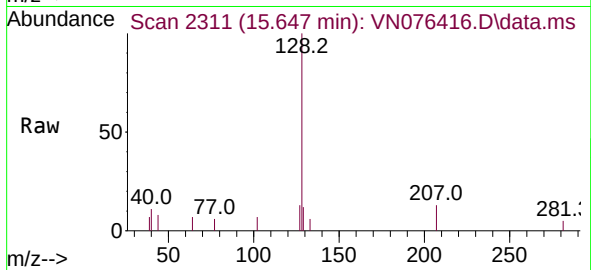
Tgt Ion:152 Resp: 260534
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.9
150 157.3 0.0 351.4





#95
Naphthalene
Concen: 2.203 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076416.D
Acq: 26 Jan 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :
PB150465ZHE#01



Tgt Ion:128 Resp: 5121
Ion Ratio Lower Upper
128 100
127 17.2 10.3 15.5#
129 12.2 8.6 13.0

