

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081142.D
 Acq On : 22 Feb 2024 17:59
 Operator : JC\MD
 Sample : P1539-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20241106-AMENDED-COMPOSITE-35N-N-4-05

Quant Time: Feb 23 04:29:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

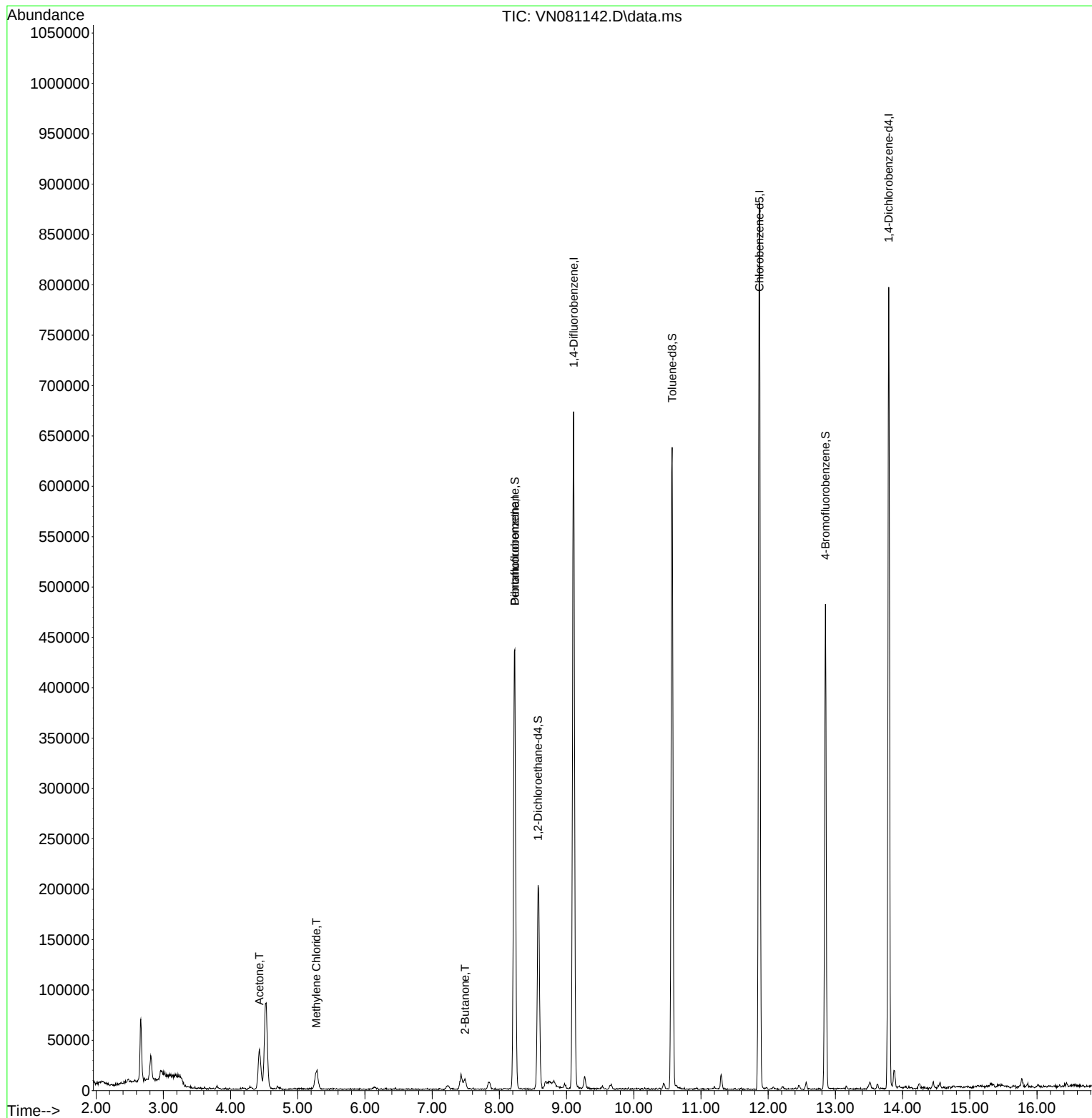
Internal Standards						
1) Pentafluorobenzene	8.229	168	310315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	506763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166567	43.792	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.580%		
35) Dibromofluoromethane	8.229	113	789	0.239	ug/l	0.06
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.480%#		
50) Toluene-d8	10.570	98	439666	37.549	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	75.100%#		
62) 4-Bromofluorobenzene	12.853	95	162327	36.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	73.780%#		
Target Compounds					Qvalue	
16) Acetone	4.430	43	72848	48.675	ug/l	93
20) Methylene Chloride	5.277	84	14854	2.962	ug/l #	73
25) 2-Butanone	7.488	43	16620	6.874	ug/l #	86

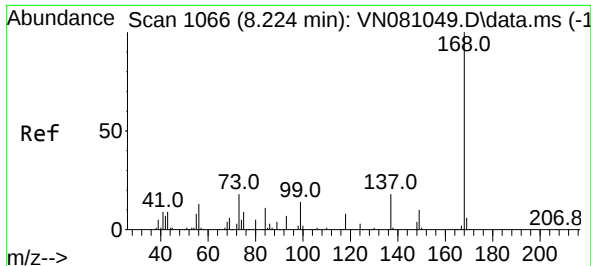
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081142.D
Acq: 22 Feb 2024 17:59

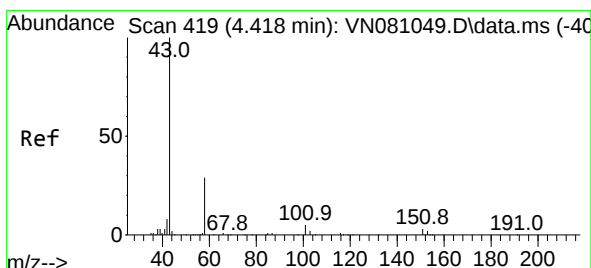
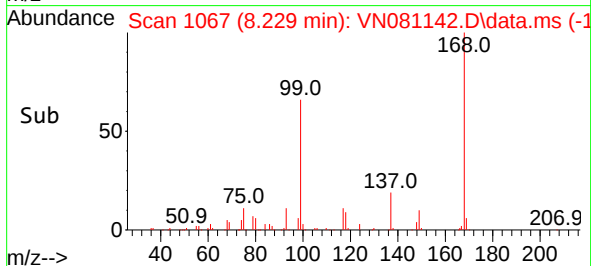
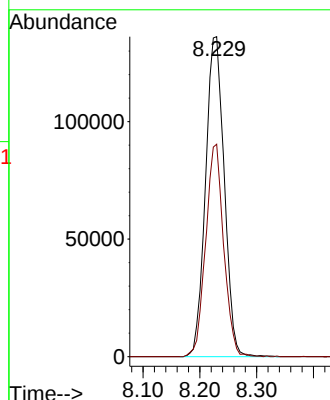
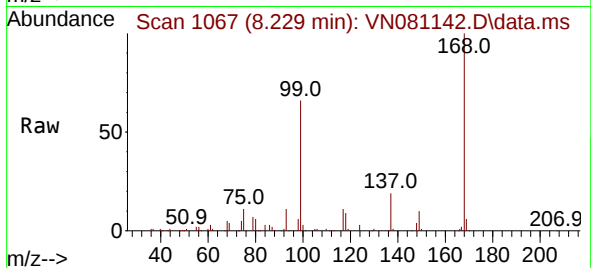
Instrument :

MSVOA_N

ClientSampleId :

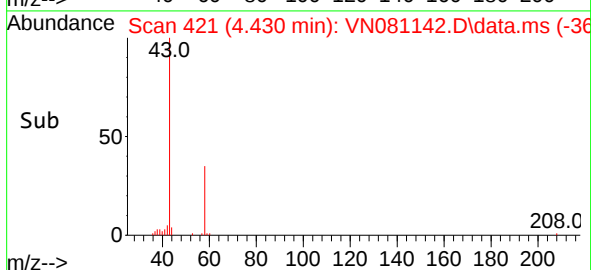
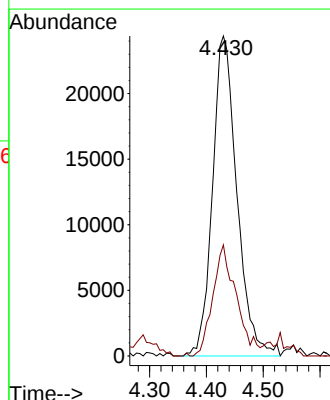
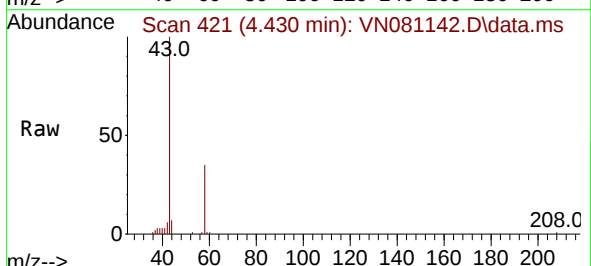
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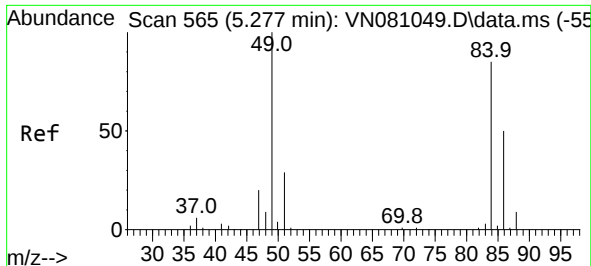
Tgt Ion:168 Resp: 310315
Ion Ratio Lower Upper
168 100
99 66.4 59.9 89.9



#16
Acetone
Concen: 48.675 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081142.D
Acq: 22 Feb 2024 17:59

Tgt Ion: 43 Resp: 72848
Ion Ratio Lower Upper
43 100
58 34.7 24.8 37.2





#20
Methylene Chloride
Concen: 2.962 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081142.D
Acq: 22 Feb 2024 17:59

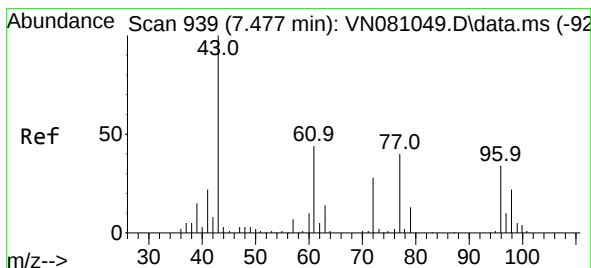
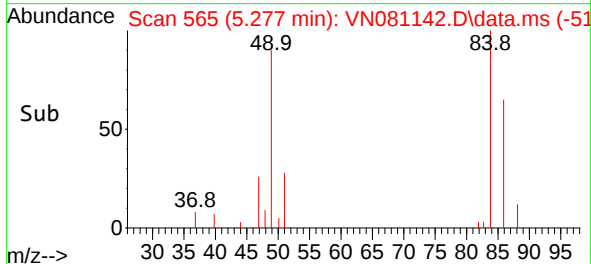
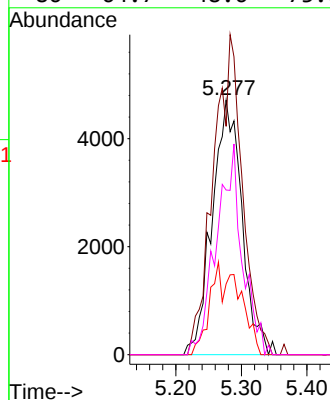
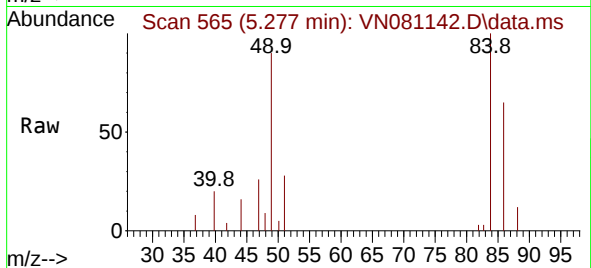
Instrument :

MSVOA_N

ClientSampleId :

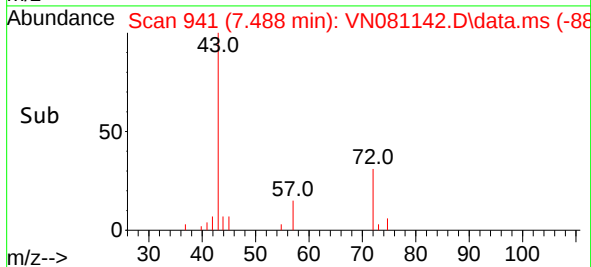
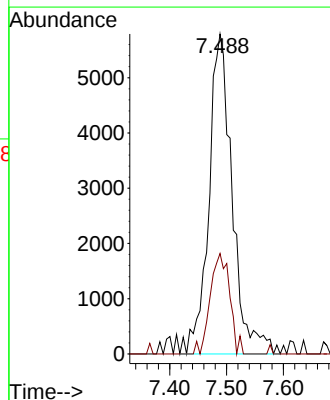
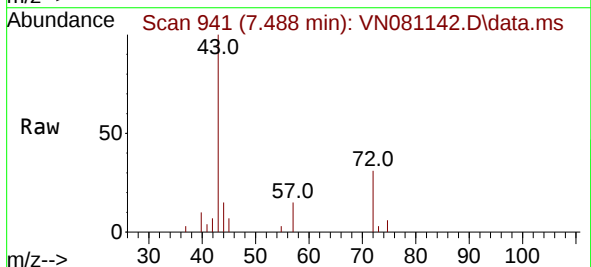
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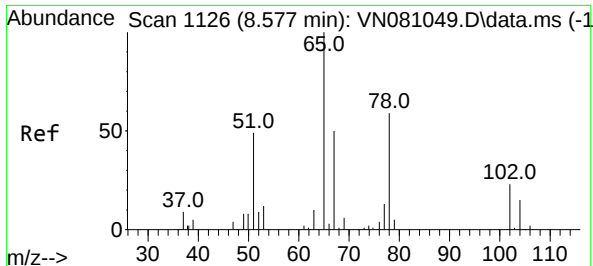
Tgt Ion:	84	Resp:	14854
Ion	Ratio	Lower	Upper
84	100		
49	89.7	108.1	162.1#
51	27.8	32.9	49.3#
86	64.7	48.6	73.0



#25
2-Butanone
Concen: 6.874 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081142.D
Acq: 22 Feb 2024 17:59

Tgt Ion:	43	Resp:	16620
Ion	Ratio	Lower	Upper
43	100		
72	31.4	19.5	29.3#





#33

1,2-Dichloroethane-d4

Concen: 43.792 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081142.D

Acq: 22 Feb 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

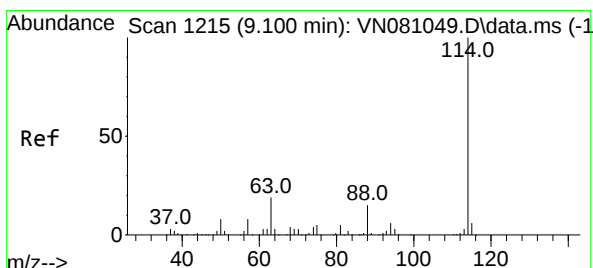
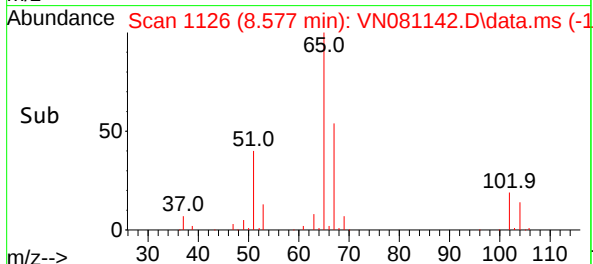
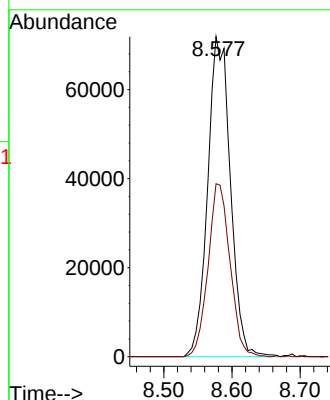
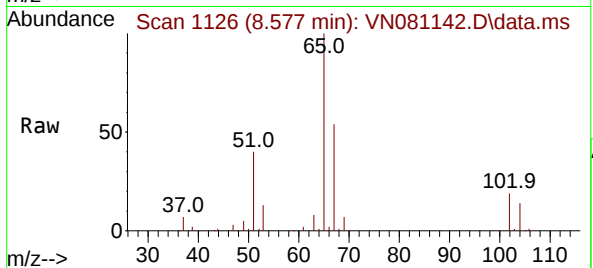
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Tgt Ion: 65 Resp: 166567

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081142.D

Acq: 22 Feb 2024 17:59

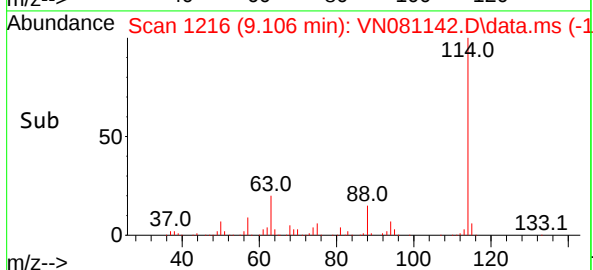
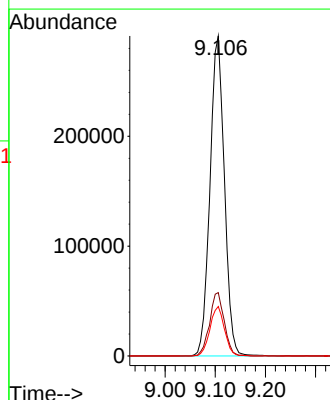
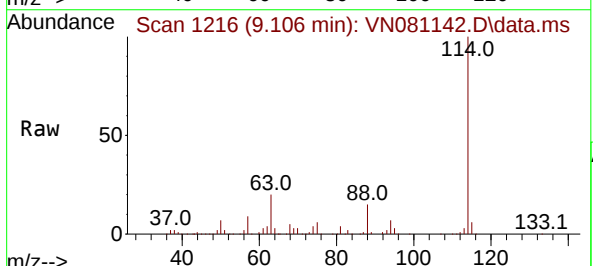
Tgt Ion: 114 Resp: 583008

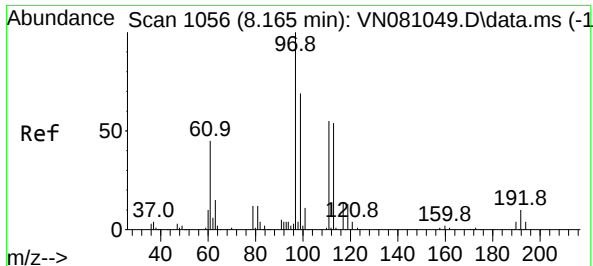
Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 0.239 ug/l

RT: 8.229 min Scan# 1056

Delta R.T. 0.065 min

Lab File: VN081142.D

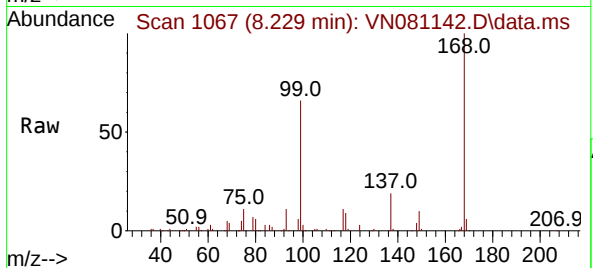
Acq: 22 Feb 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

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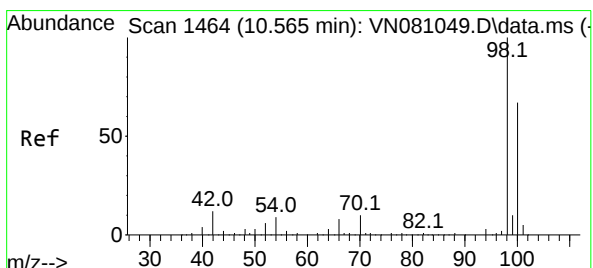
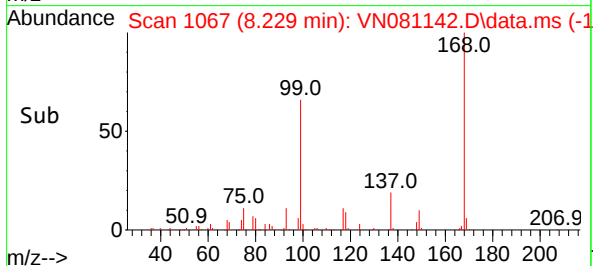
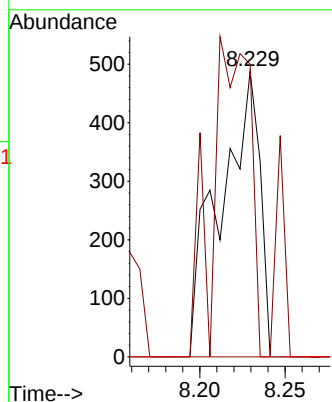
Tgt Ion:113 Resp: 789

Ion Ratio Lower Upper

113 100

111 16.9 82.2 123.4#

192 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 37.549 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081142.D

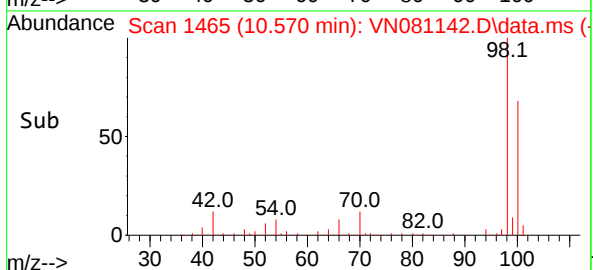
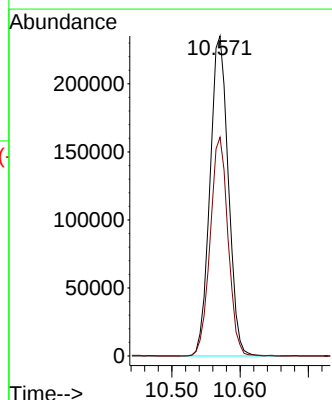
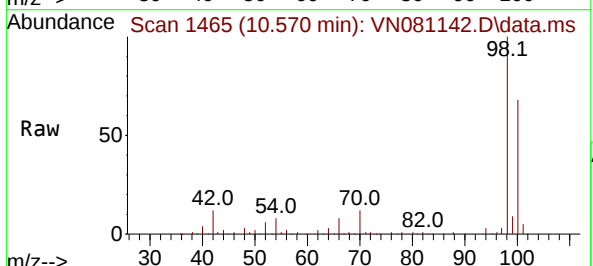
Acq: 22 Feb 2024 17:59

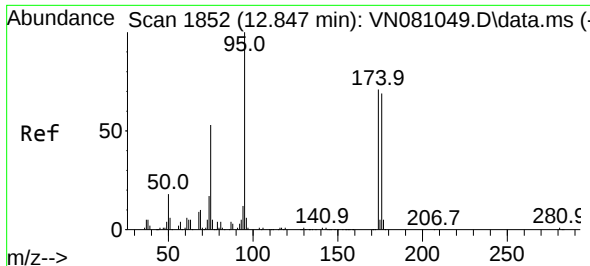
Tgt Ion: 98 Resp: 439666

Ion Ratio Lower Upper

98 100

100 66.6 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 36.895 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081142.D
Acq: 22 Feb 2024 17:59

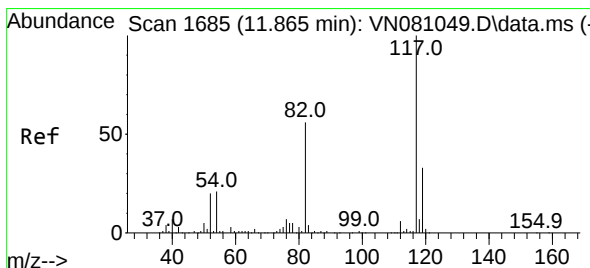
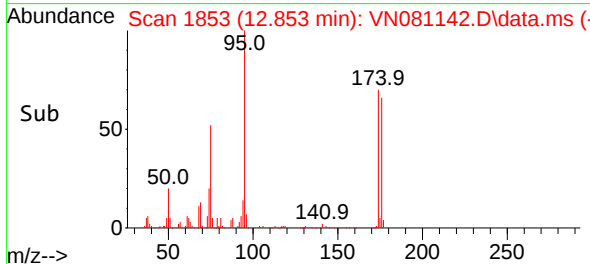
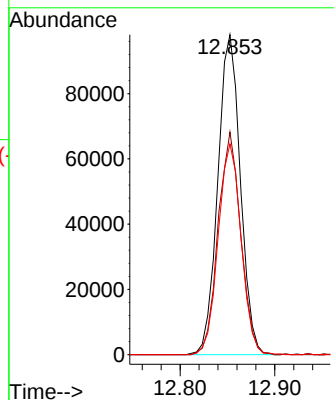
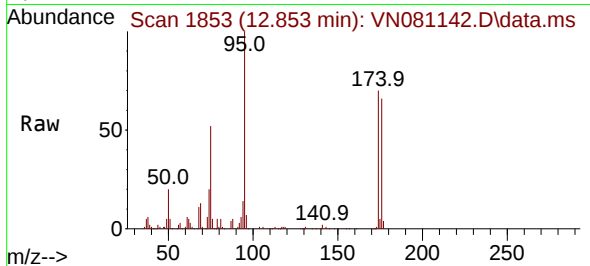
Instrument :

MSVOA_N

ClientSampleId :

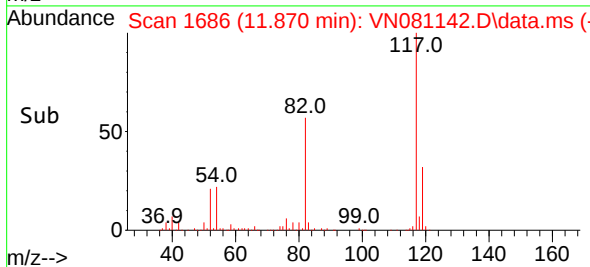
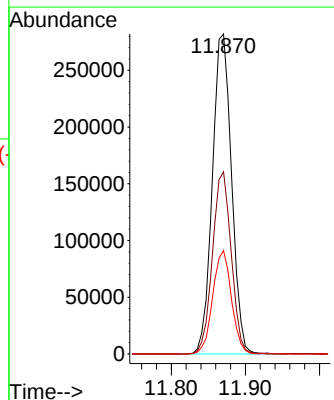
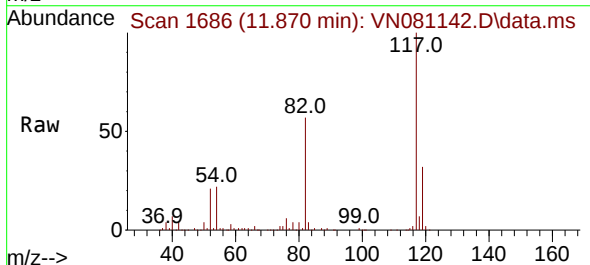
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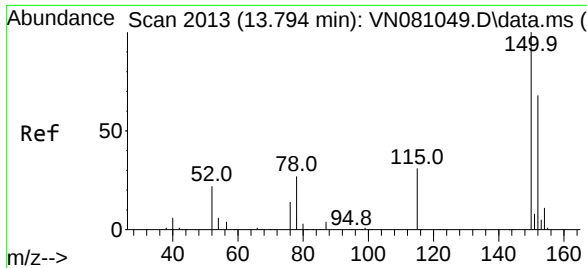
Tgt Ion: 95 Resp: 162327
Ion Ratio Lower Upper
95 100
174 69.4 0.0 120.4
176 66.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081142.D
Acq: 22 Feb 2024 17:59

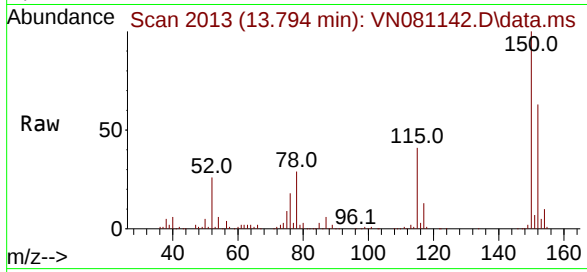
Tgt Ion: 117 Resp: 506763
Ion Ratio Lower Upper
117 100
82 57.0 52.7 79.1
119 32.3 25.3 37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
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Tgt Ion:152 Resp: 201463
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 160.0 0.0 339.8

