

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083916.D
 Acq On : 16 Sep 2024 14:39
 Operator : JC\MD
 Sample : P3957-13DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20240910DL

Quant Time: Sep 17 02:32:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

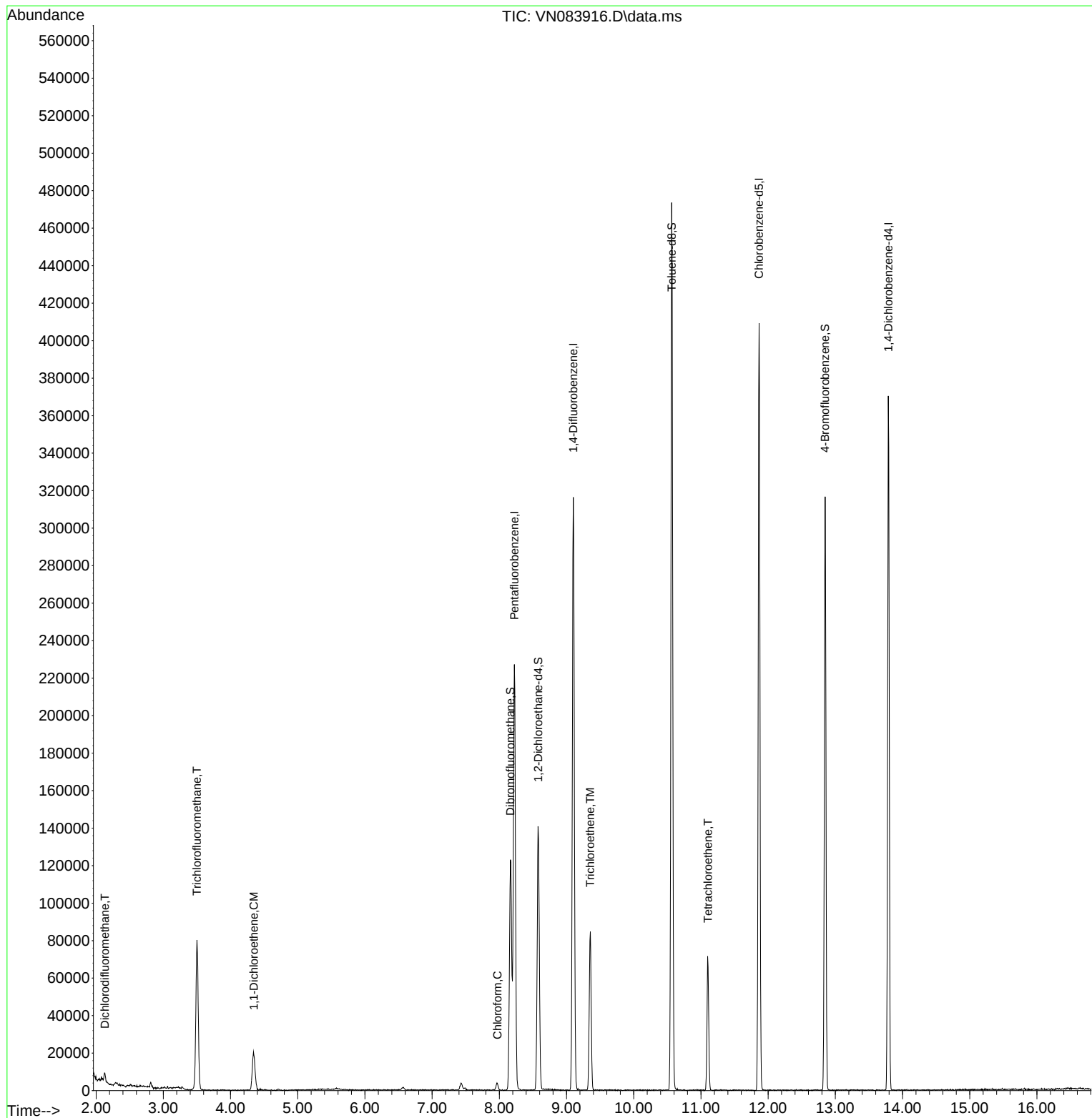
Internal Standards						
1) Pentafluorobenzene	8.224	168	152729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118200	51.326	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.660%	
35) Dibromofluoromethane	8.165	113	85403	51.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.040%	
50) Toluene-d8	10.565	98	312596	54.020	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.040%	
62) 4-Bromofluorobenzene	12.847	95	105248	44.084	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	3474	1.959	ug/l	97
7) Trichlorofluoromethane	3.501	101	84875	25.719	ug/l	98
12) 1,1-Dichloroethene	4.348	96	11391	6.896	ug/l	97
30) Chloroform	7.971	83	3912	1.056	ug/l #	82
44) Trichloroethene	9.353	130	28170	16.042	ug/l	94
64) Tetrachloroethene	11.106	164	15285	10.442	ug/l	94

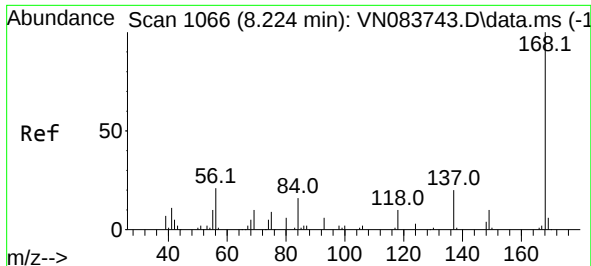
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

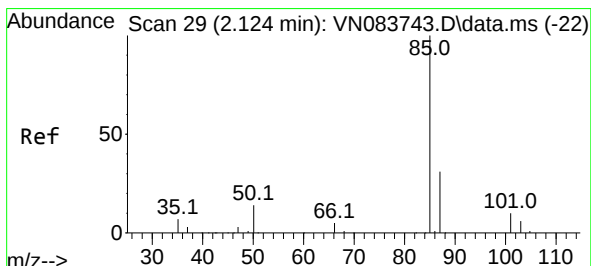
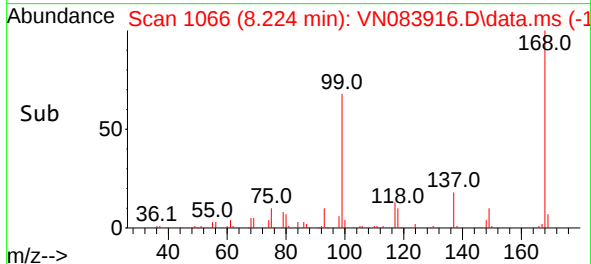
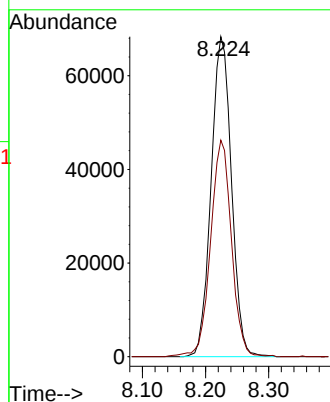
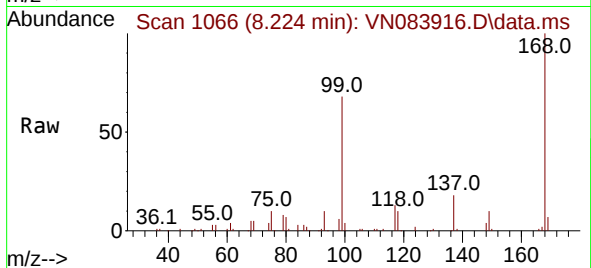




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN083916.D
Acq: 16 Sep 2024 14:39

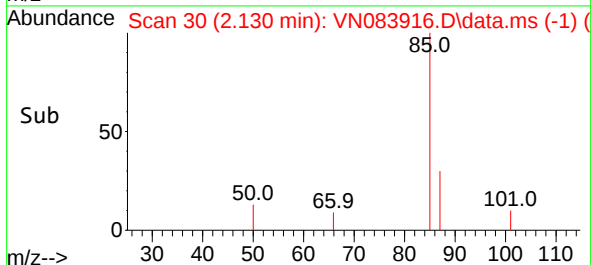
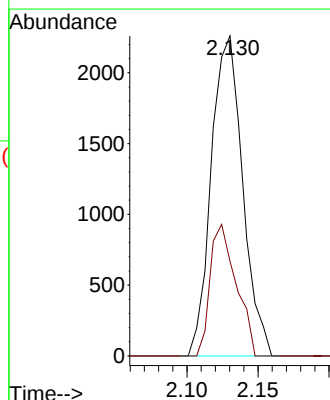
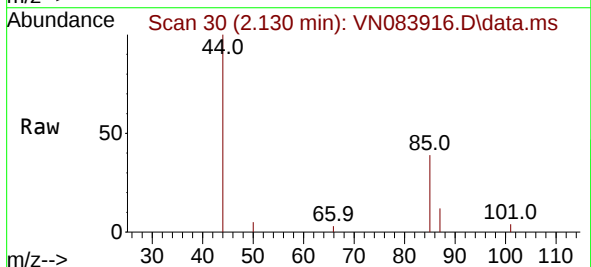
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20240910DL

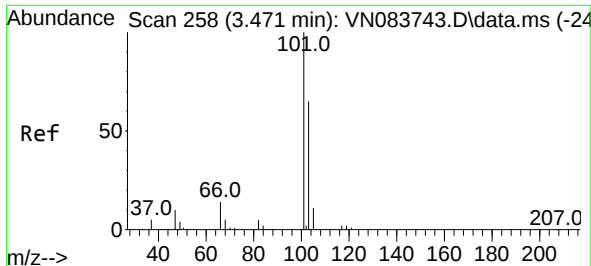
Tgt Ion:168 Resp: 152729
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 1.959 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN083916.D
Acq: 16 Sep 2024 14:39

Tgt Ion: 85 Resp: 3474
Ion Ratio Lower Upper
85 100
87 29.6 15.7 47.0

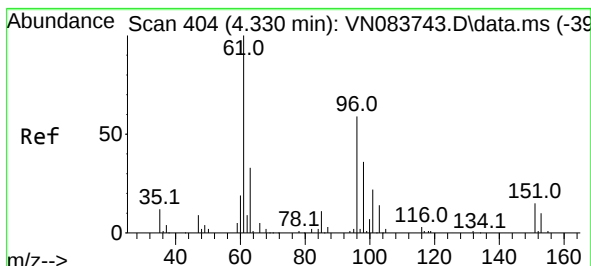
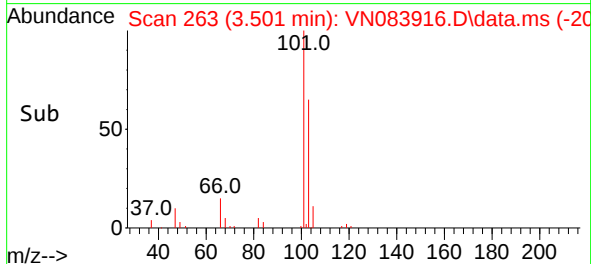
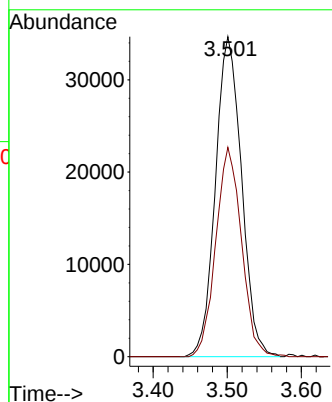
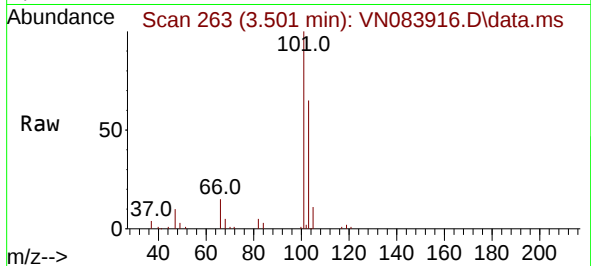




#7
 Trichlorofluoromethane
 Concen: 25.719 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.030 min
 Lab File: VN083916.D
 Acq: 16 Sep 2024 14:39

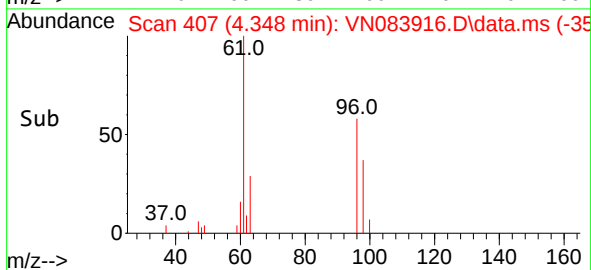
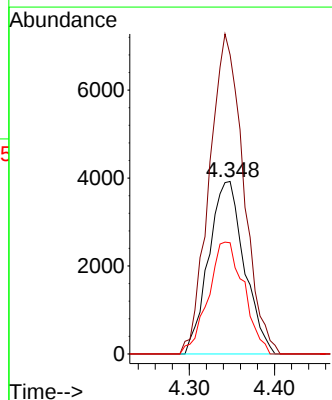
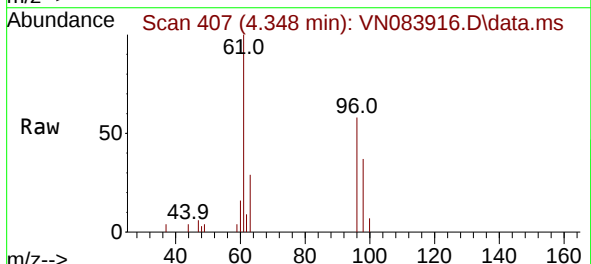
Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20240910DL

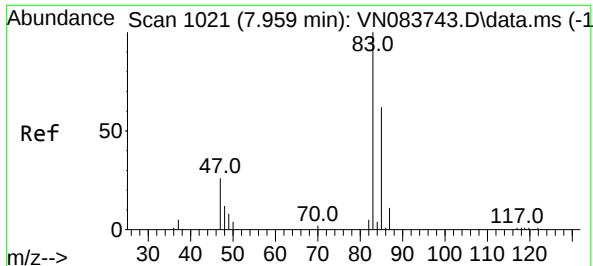
Tgt Ion:101 Resp: 84875
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.0



#12
 1,1-Dichloroethene
 Concen: 6.896 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.018 min
 Lab File: VN083916.D
 Acq: 16 Sep 2024 14:39

Tgt Ion: 96 Resp: 11391
 Ion Ratio Lower Upper
 96 100
 61 173.4 143.4 215.0
 98 64.5 52.7 79.1





#30

Chloroform

Concen: 1.056 ug/l

RT: 7.971 min Scan# 1021

Delta R.T. 0.012 min

Lab File: VN083916.D

Acq: 16 Sep 2024 14:39

Instrument :

MSVOA_N

ClientSampleId :

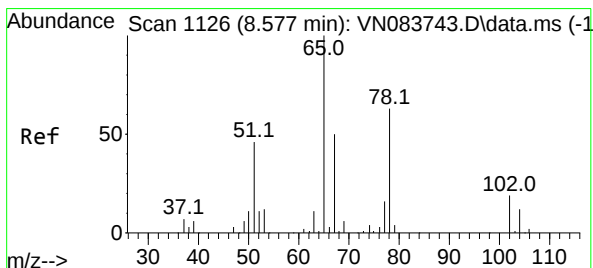
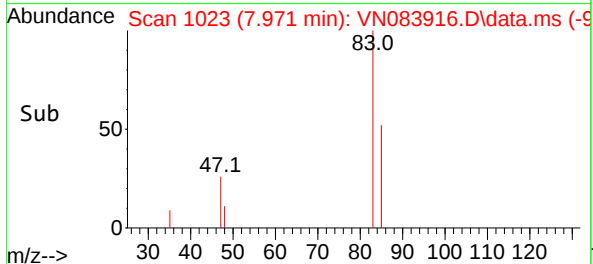
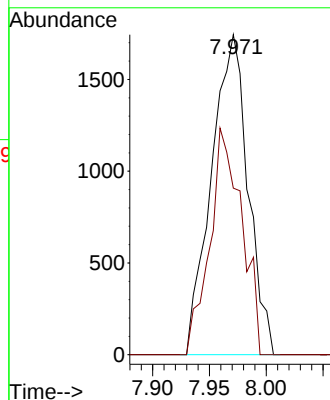
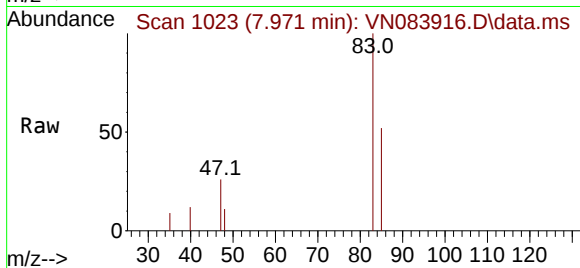
MW201D-20240910DL

Tgt Ion: 83 Resp: 3912

Ion Ratio Lower Upper

83 100

85 52.1 52.8 79.2#



#33

1,2-Dichloroethane-d4

Concen: 51.326 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083916.D

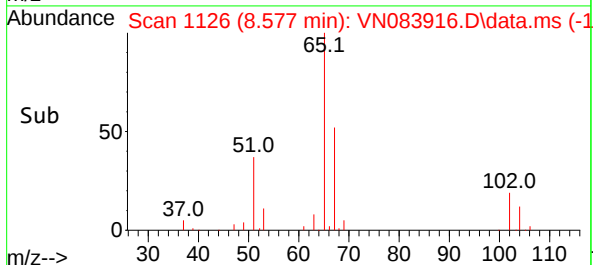
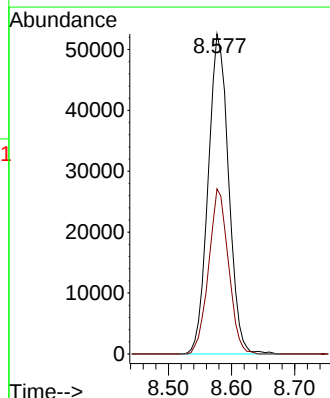
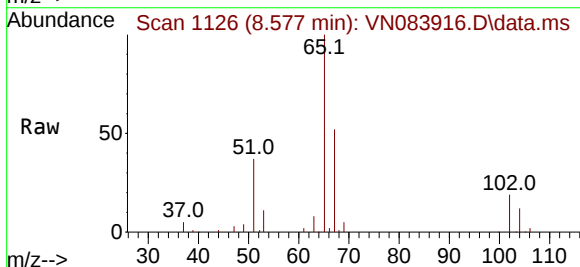
Acq: 16 Sep 2024 14:39

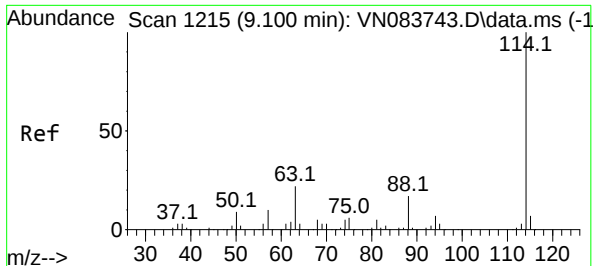
Tgt Ion: 65 Resp: 118200

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083916.D

Acq: 16 Sep 2024 14:39

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20240910DL

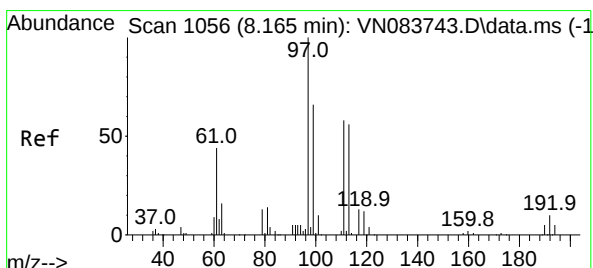
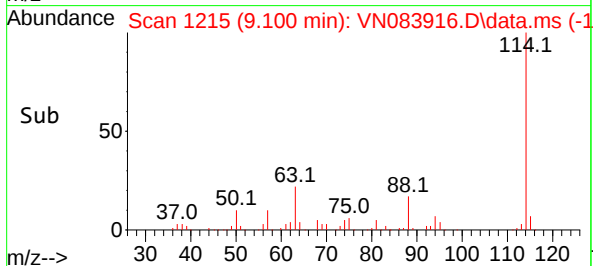
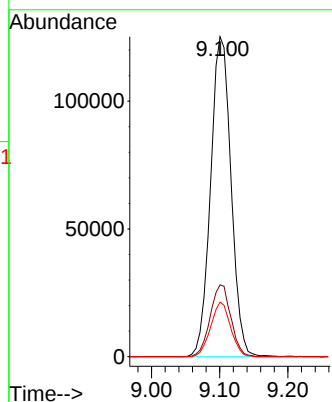
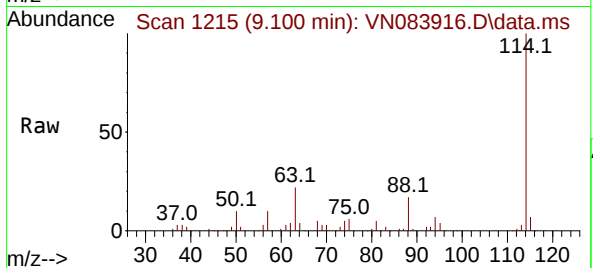
Tgt Ion:114 Resp: 261468

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.021 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083916.D

Acq: 16 Sep 2024 14:39

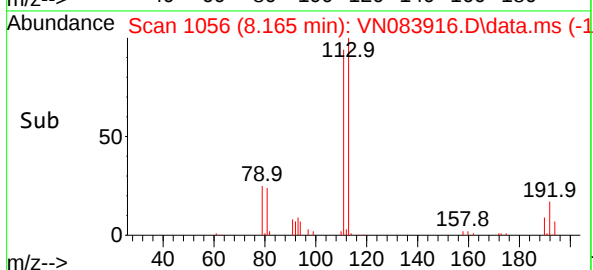
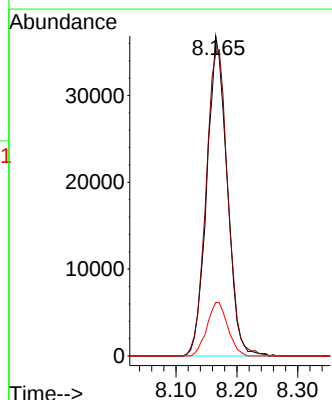
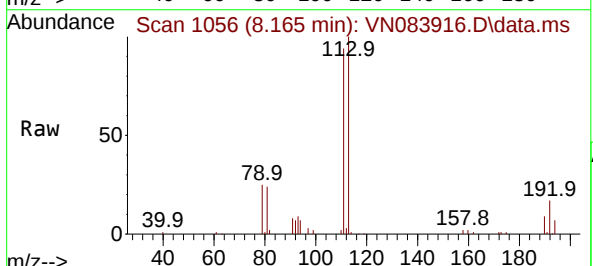
Tgt Ion:113 Resp: 85403

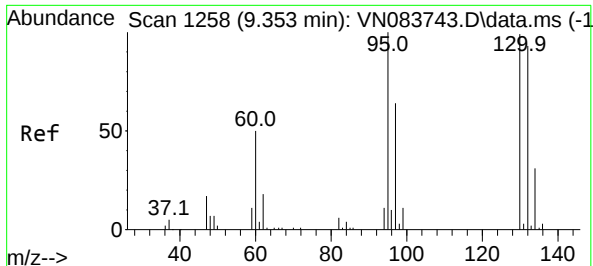
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 17.1 14.3 21.5

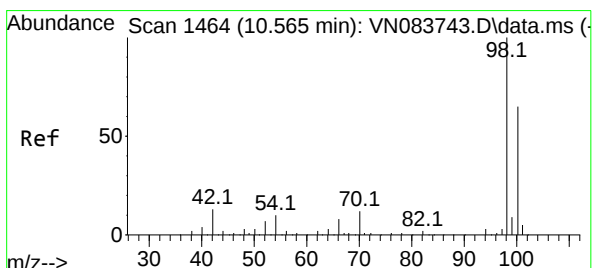
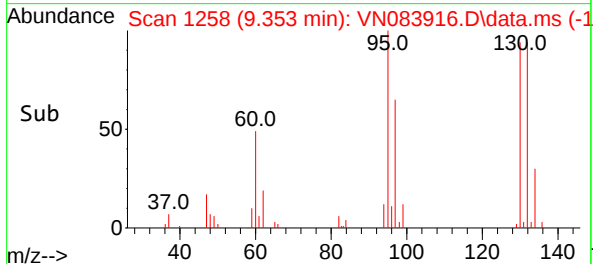
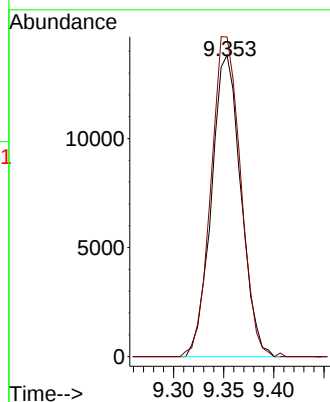
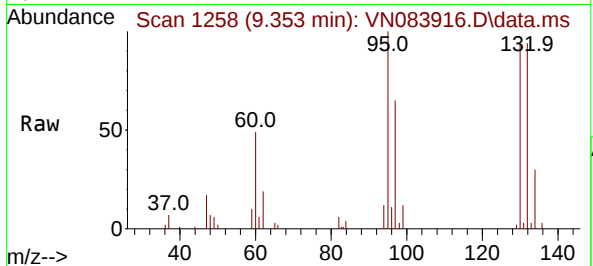




#44
Trichloroethene
Concen: 16.042 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083916.D
Acq: 16 Sep 2024 14:39

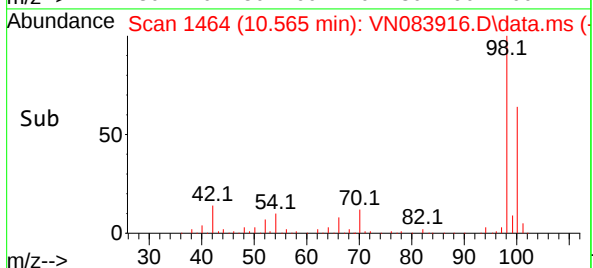
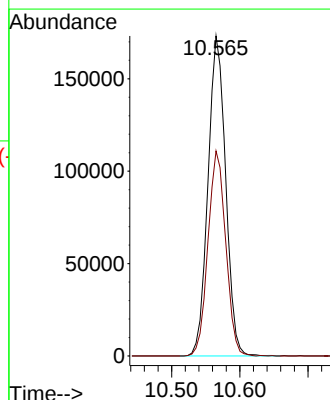
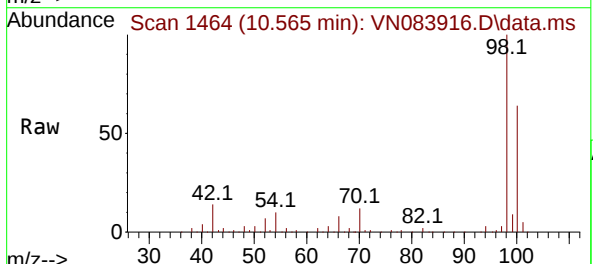
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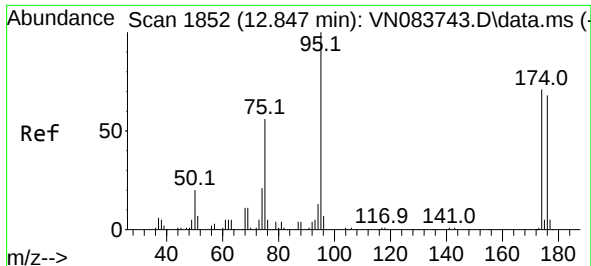
Tgt Ion:130 Resp: 28170
Ion Ratio Lower Upper
130 100
95 106.0 0.0 200.4



#50
Toluene-d8
Concen: 54.020 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083916.D
Acq: 16 Sep 2024 14:39

Tgt Ion: 98 Resp: 312596
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

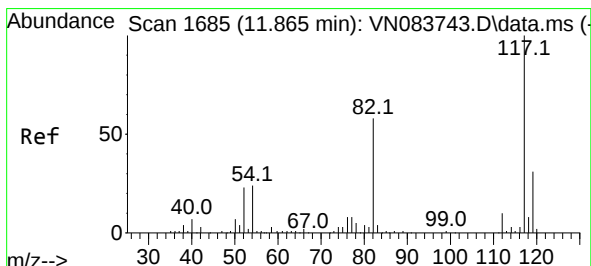
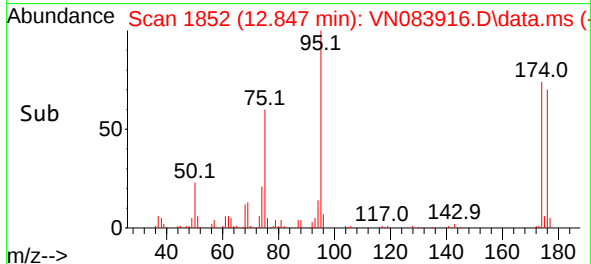
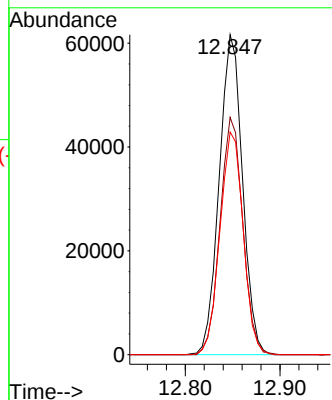
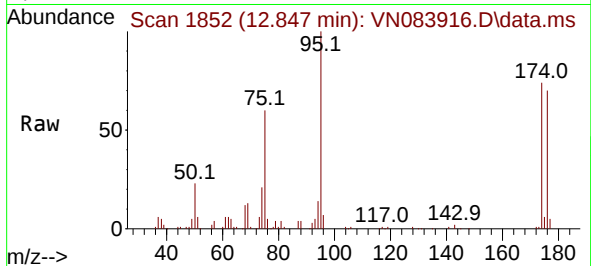




#62
4-Bromofluorobenzene
Concen: 44.084 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083916.D
Acq: 16 Sep 2024 14:39

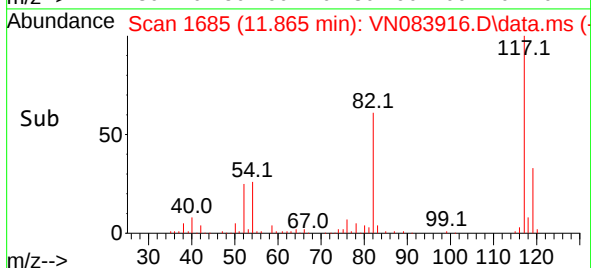
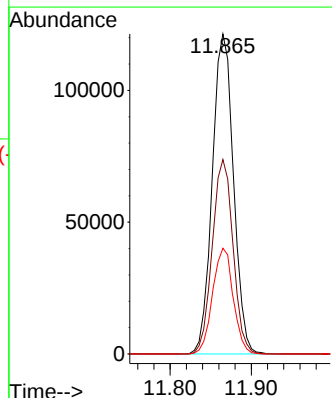
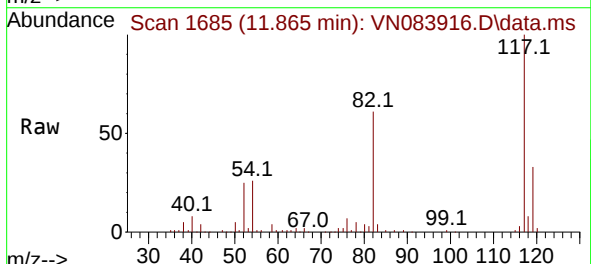
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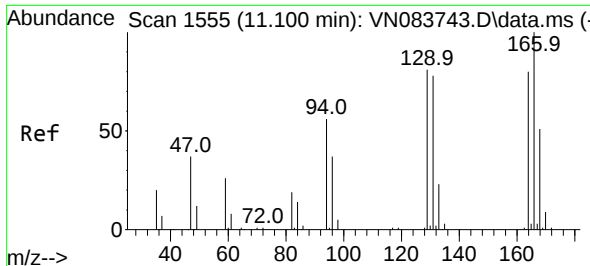
Tgt Ion: 95 Resp: 105248
Ion Ratio Lower Upper
95 100
174 72.5 0.0 139.8
176 69.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083916.D
Acq: 16 Sep 2024 14:39

Tgt Ion: 117 Resp: 220107
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.0
119 33.1 26.3 39.5

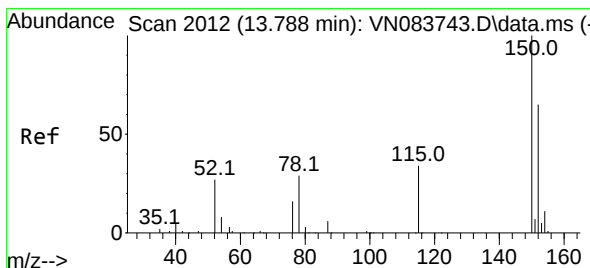
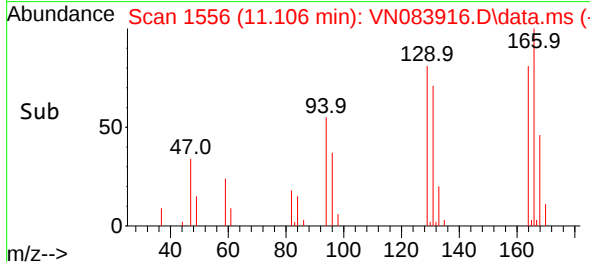
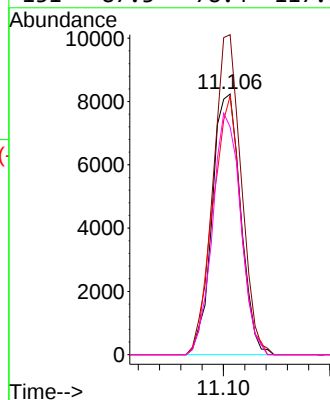
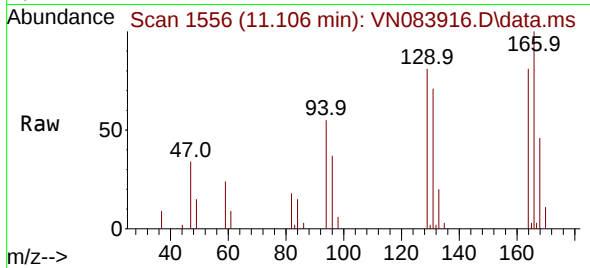




#64
Tetrachloroethene
Concen: 10.442 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083916.D
Acq: 16 Sep 2024 14:39

Instrument :
MSVOA_N
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MW201D-20240910DL

Tgt	Ion:164	Resp:	15285
Ion	Ratio	Lower	Upper
164	100		
166	122.7	103.7	155.5
129	99.3	79.9	119.9
131	87.3	78.4	117.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083916.D
Acq: 16 Sep 2024 14:39

Tgt Ion:152	Resp:	90616	
Ion	Ratio	Lower	Upper
152	100		
115	64.3	32.2	96.6
150	162.0	0.0	348.6

