

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084228.D
 Acq On : 30 Sep 2024 19:42
 Operator : JC\MD
 Sample : P4116-27
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20240918

Quant Time: Oct 01 07:16:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

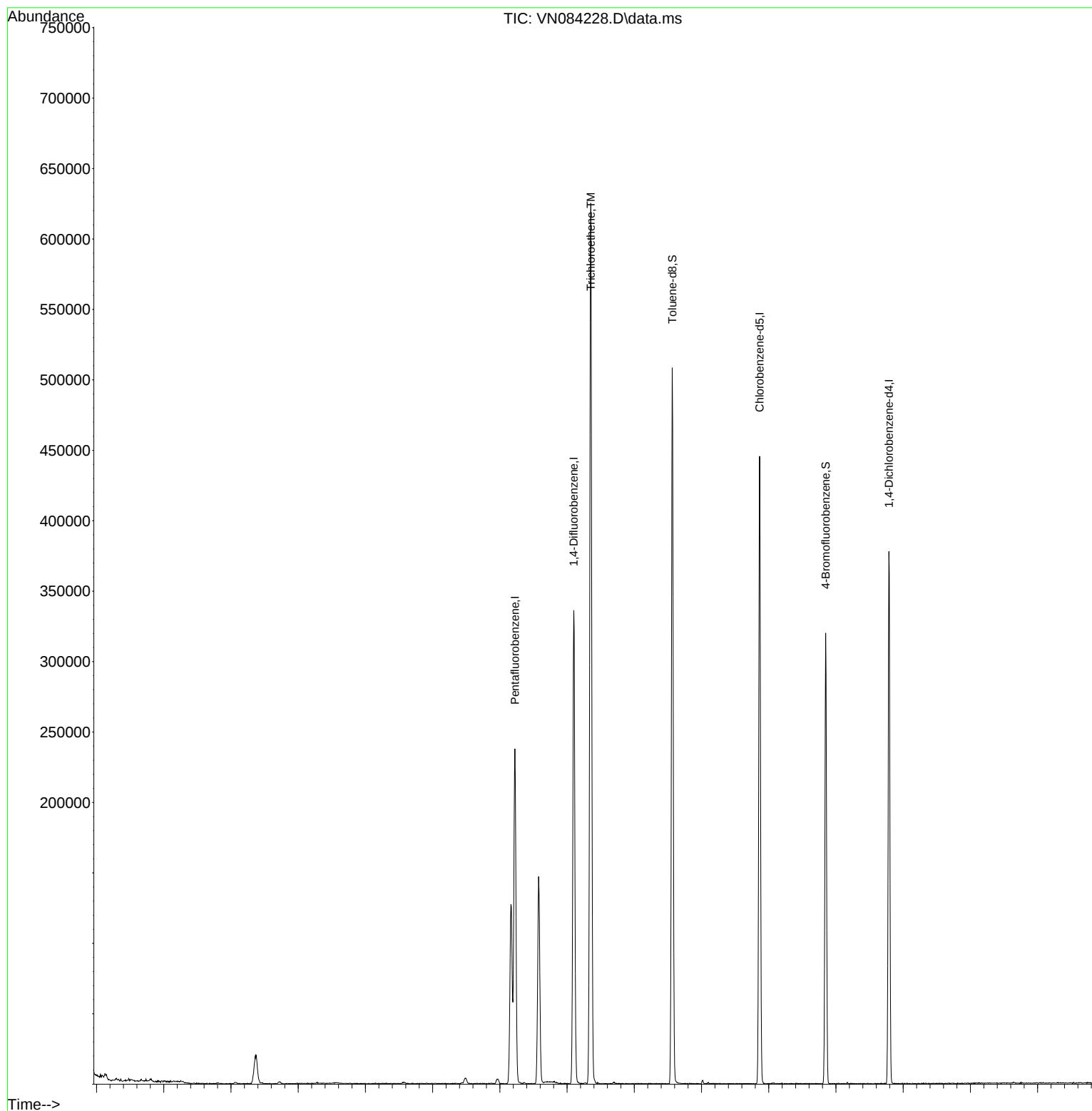
Internal Standards						
1) Pentafluorobenzene	8.224	168	166591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120919	48.955	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	97.900%	
35) Dibromofluoromethane	8.171	113	93714	49.787	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.580%	
50) Toluene-d8	10.565	98	344192	49.702	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.400%	
62) 4-Bromofluorobenzene	12.847	95	111378	44.147	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	88.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	2020	1.025	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.377	101	13420	6.901	ug/l	100
12) 1,1-Dichloroethene	4.342	96	3300	1.759	ug/l #	88
27) cis-1,2-Dichloroethene	7.483	96	2662	1.121	ug/l	89
30) Chloroform	7.959	83	3937	1.006	ug/l	91
44) Trichloroethene	9.353	130	221254	111.206	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	780	0.419	ug/l #	71

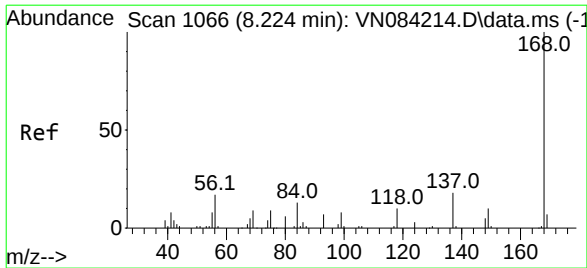
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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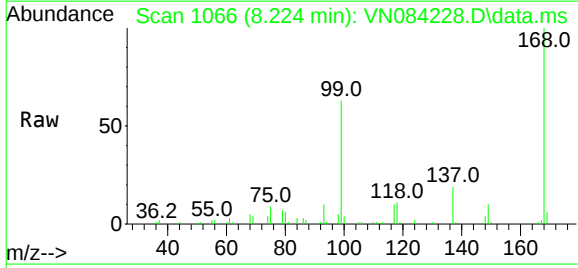
Quant Time: Oct 01 07:16:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



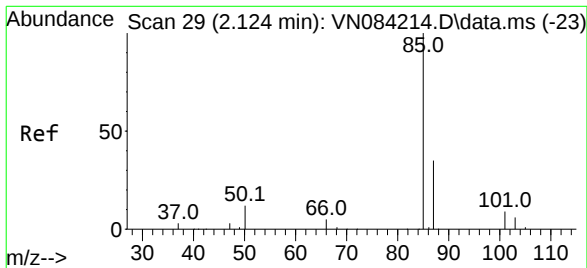
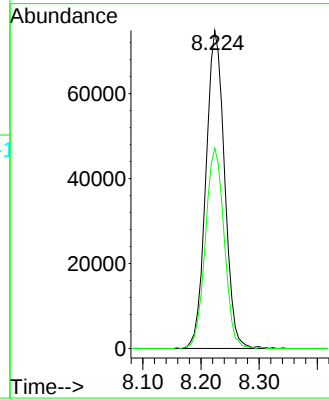
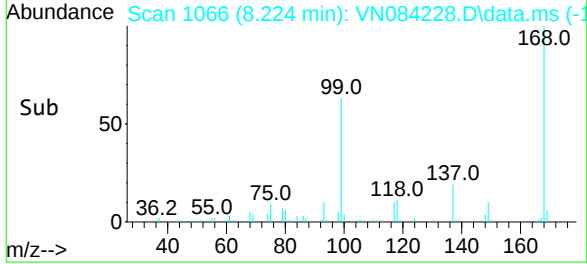


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084228.D
Acq: 30 Sep 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20240918

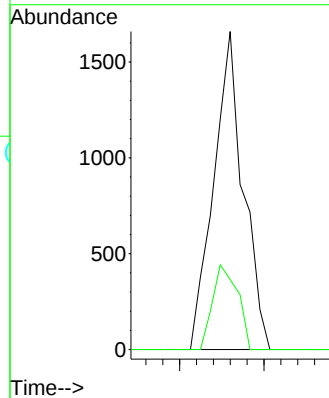
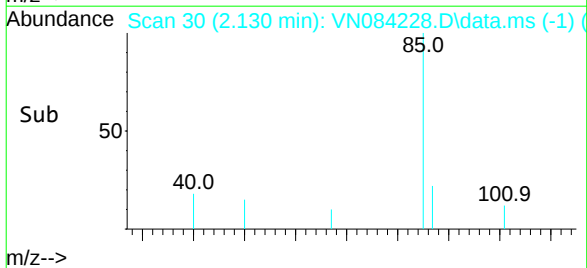
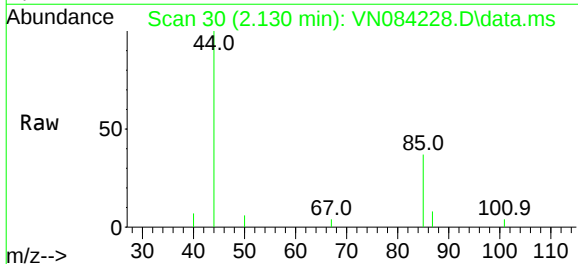


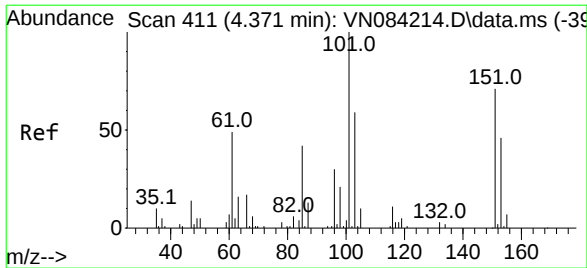
Tgt Ion:168 Resp: 166591
Ion Ratio Lower Upper
168 100
99 63.0 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 1.025 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084228.D
Acq: 30 Sep 2024 19:42

Tgt Ion: 85 Resp: 2020
Ion Ratio Lower Upper
85 100
87 22.0 17.6 52.9

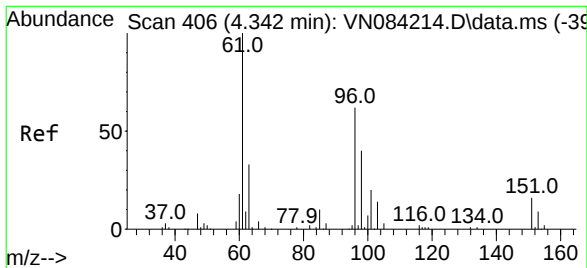
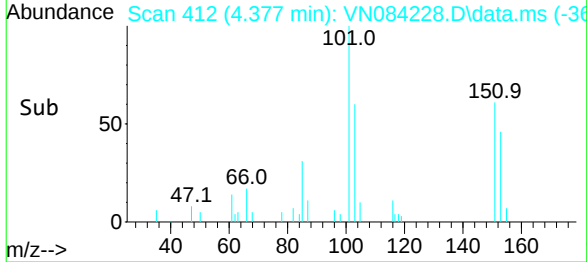
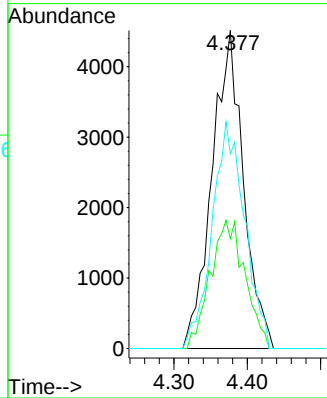
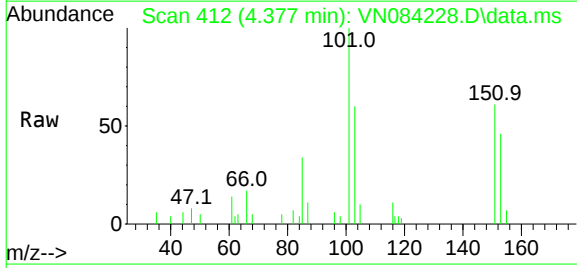




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.901 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084228.D
Acq: 30 Sep 2024 19:42

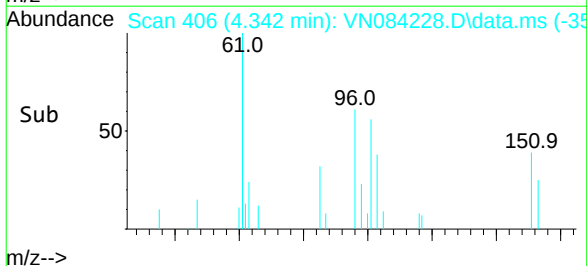
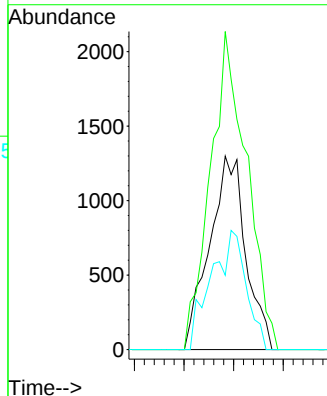
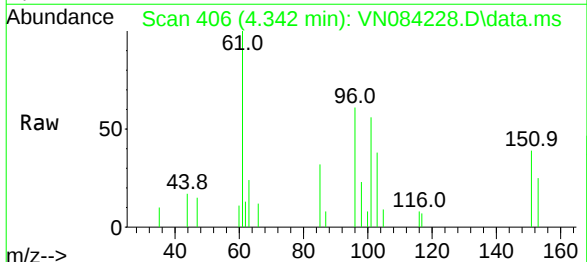
Instrument :
MSVOA_N
ClientSampleId :
DUP05-20240918

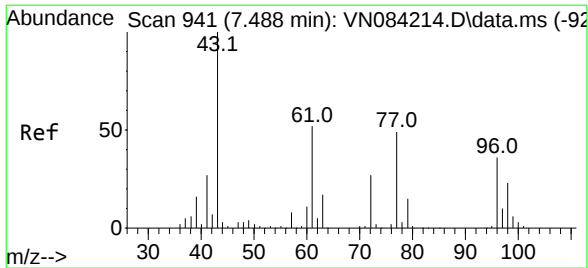
Tgt Ion:	101	Resp:	13420
Ion	Ratio	Lower	Upper
101	100		
85	44.6	36.2	54.4
151	74.2	59.3	88.9



#12
1,1-Dichloroethene
Concen: 1.759 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084228.D
Acq: 30 Sep 2024 19:42

Tgt Ion:	96	Resp:	3300
Ion	Ratio	Lower	Upper
96	100		
61	164.4	128.6	192.8
98	38.4	51.7	77.5#

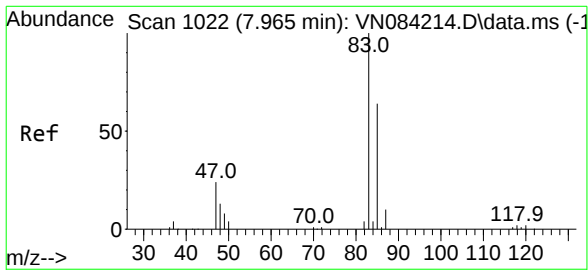
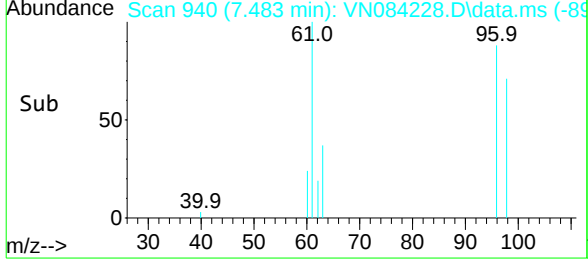
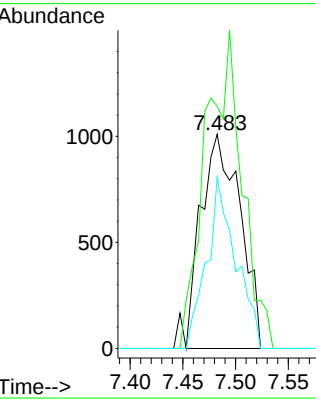
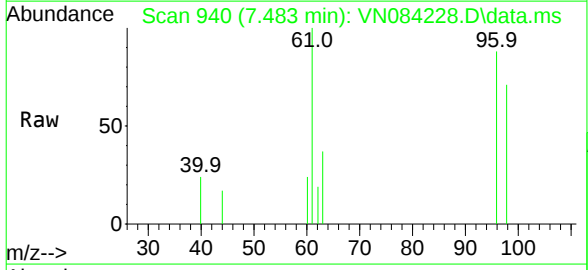




#27
 cis-1,2-Dichloroethene
 Concen: 1.121 ug/l
 RT: 7.483 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VN084228.D
 Acq: 30 Sep 2024 19:42

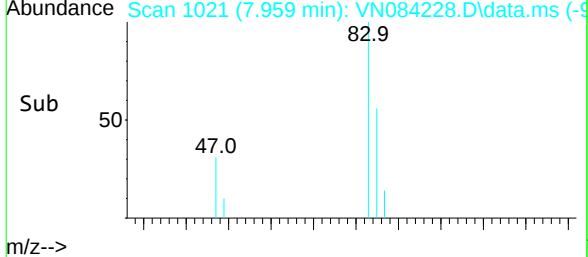
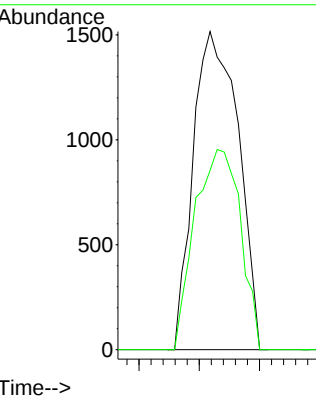
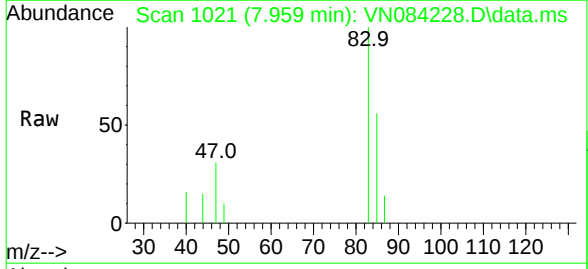
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20240918

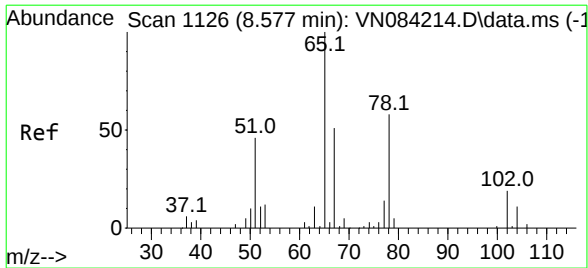
Tgt Ion:	96	Resp:	2662
Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	301.8
98	58.3	0.0	128.2



#30
 Chloroform
 Concen: 1.006 ug/l
 RT: 7.959 min Scan# 1021
 Delta R.T. -0.006 min
 Lab File: VN084228.D
 Acq: 30 Sep 2024 19:42

Tgt Ion:	83	Resp:	3937
Ion	Ratio	Lower	Upper
83	100		
85	56.3	51.0	76.4



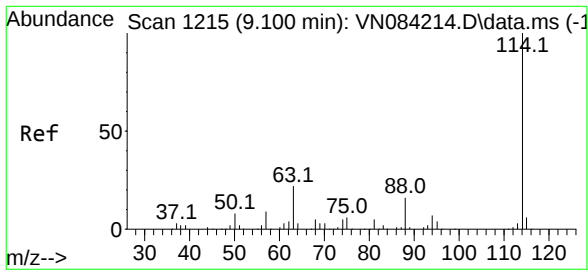
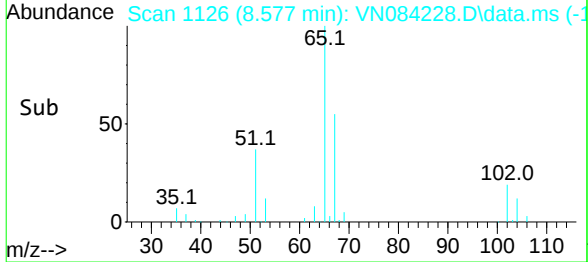
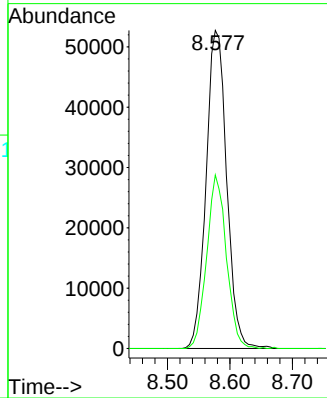
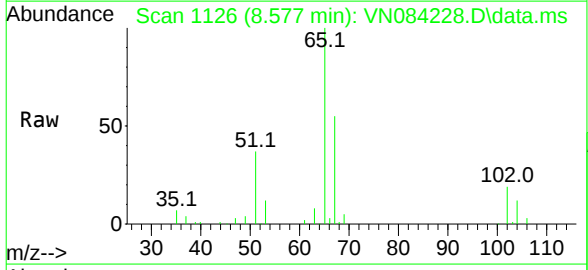


#33
 1,2-Dichloroethane-d4
 Concen: 48.955 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084228.D
 Acq: 30 Sep 2024 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20240918

Tgt Ion: 65 Resp: 120919

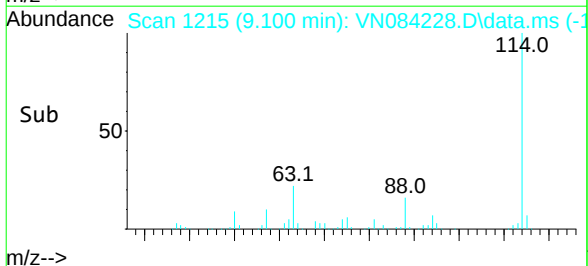
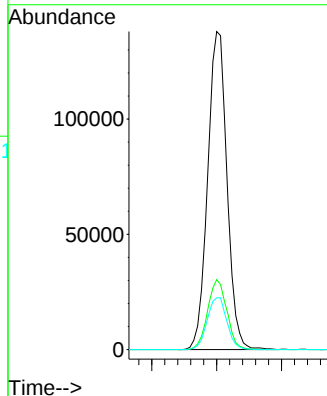
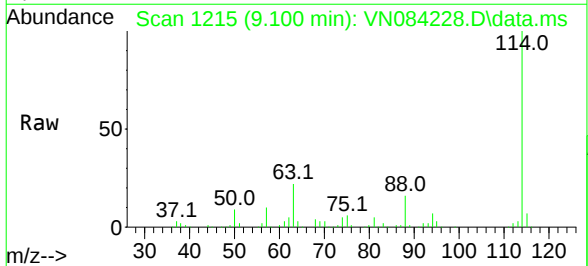
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.0

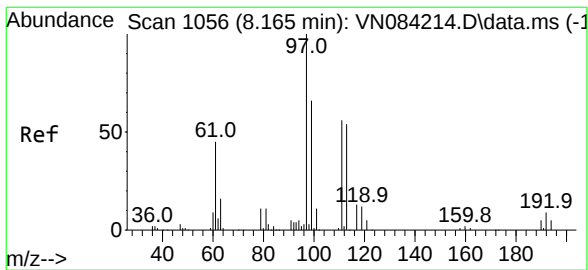


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084228.D
 Acq: 30 Sep 2024 19:42

Tgt Ion: 114 Resp: 285515

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.8
88	16.3	0.0	31.6





#35

Dibromofluoromethane

Concen: 49.787 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084228.D

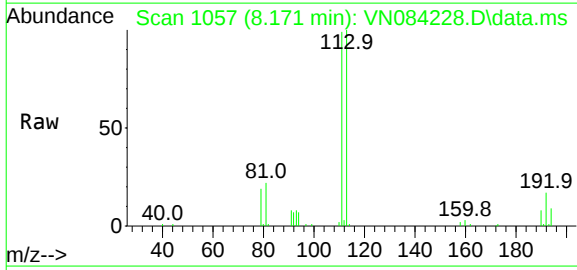
Acq: 30 Sep 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20240918



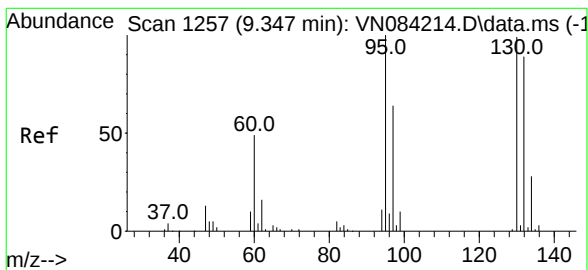
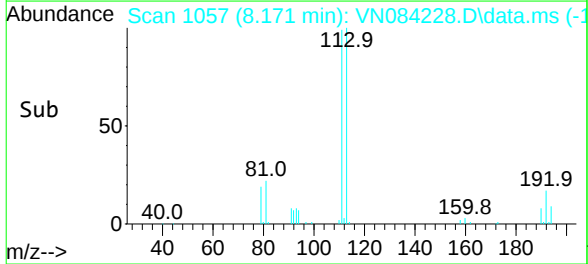
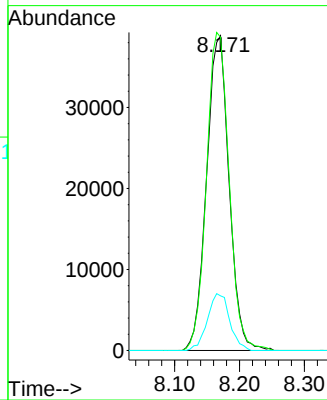
Tgt Ion:113 Resp: 93714

Ion Ratio Lower Upper

113 100

111 101.4 83.3 124.9

192 17.9 13.5 20.3



#44

Trichloroethene

Concen: 111.206 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084228.D

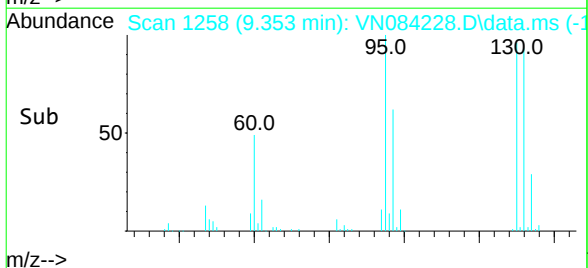
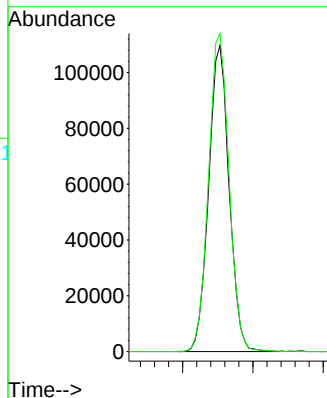
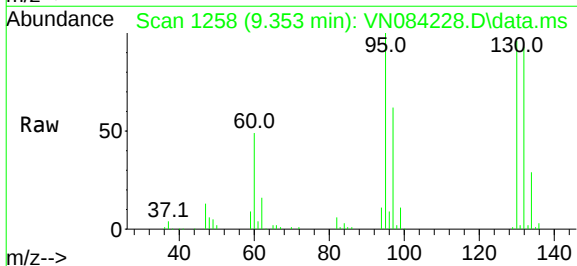
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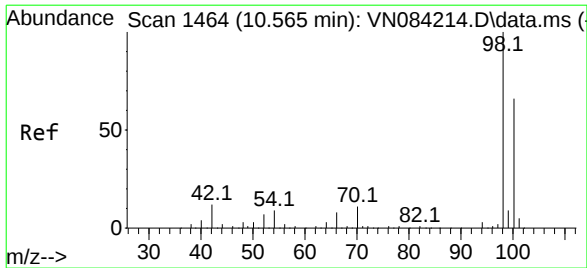
Tgt Ion:130 Resp: 221254

Ion Ratio Lower Upper

130 100

95 103.9 0.0 203.0





#50

Toluene-d8

Concen: 49.702 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084228.D

Acq: 30 Sep 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

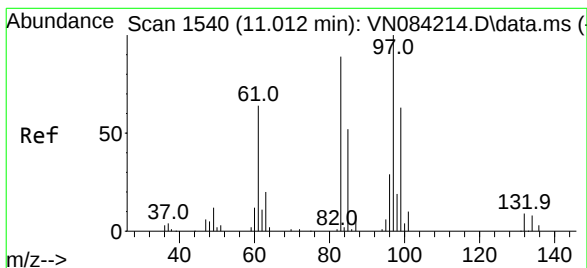
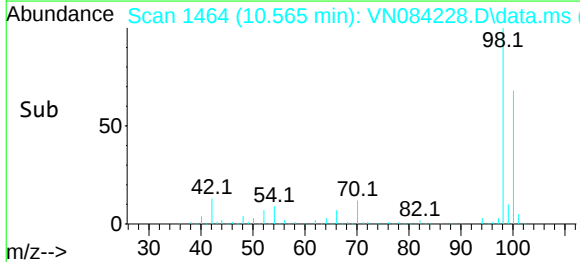
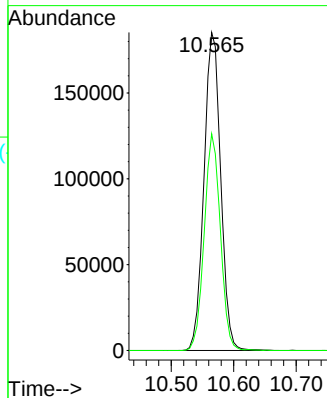
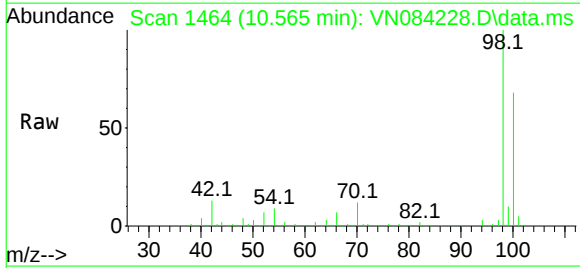
DUP05-20240918

Tgt Ion: 98 Resp: 344192

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1



#55

1,1,2-Trichloroethane

Concen: 0.419 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN084228.D

Acq: 30 Sep 2024 19:42

Tgt Ion: 97 Resp: 780

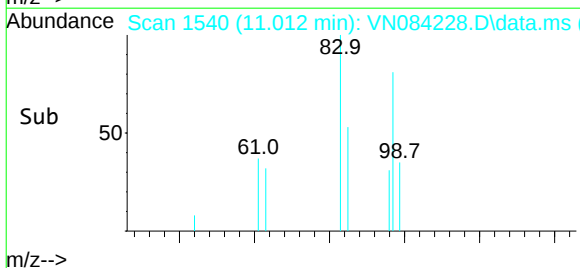
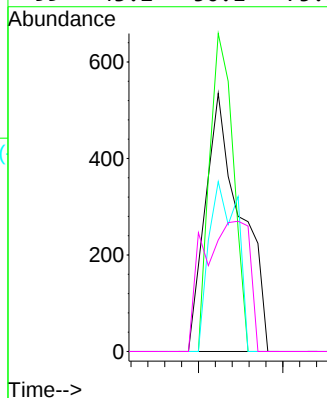
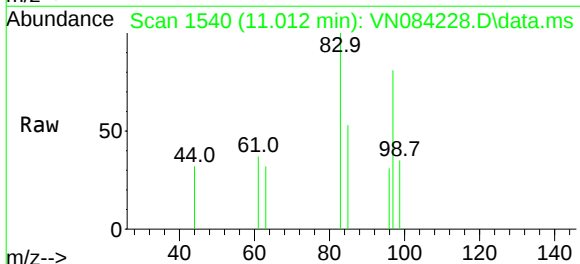
Ion Ratio Lower Upper

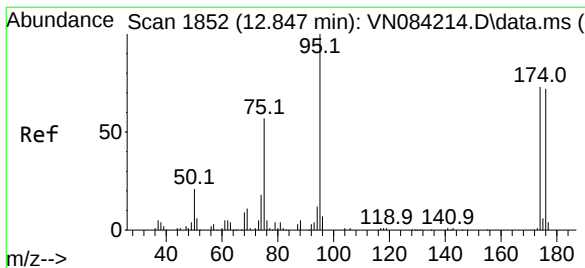
97 100

83 123.2 71.0 106.4#

85 65.8 41.7 62.5#

99 43.2 50.1 75.1#





#62

4-Bromofluorobenzene

Concen: 44.147 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084228.D

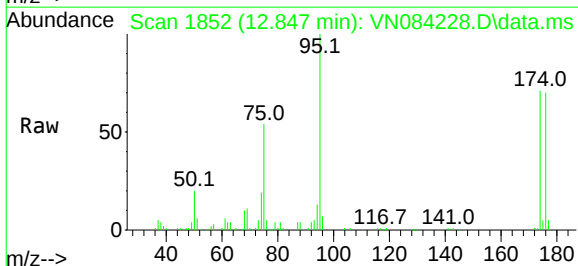
Acq: 30 Sep 2024 19:42

Instrument :

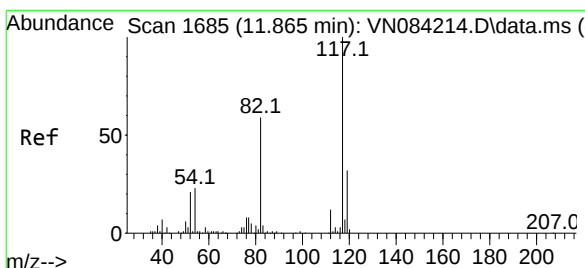
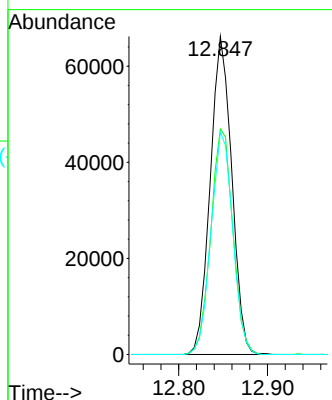
MSVOA_N

ClientSampleId :

DUP05-20240918



Tgt Ion:	95	Resp:	111378
Ion Ratio	Lower	Upper	
95	100		
174	72.8	0.0	145.2
176	70.8	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

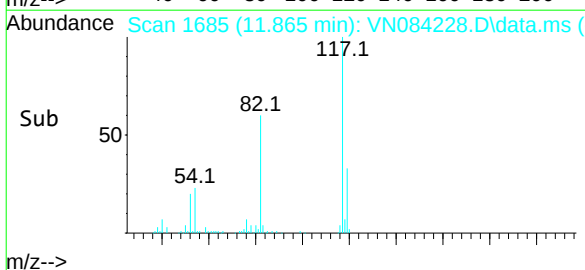
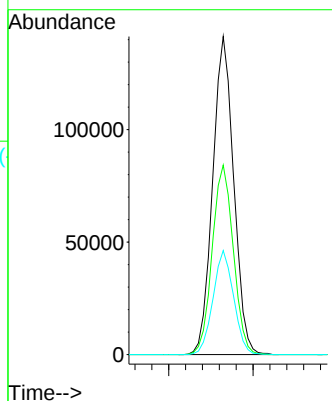
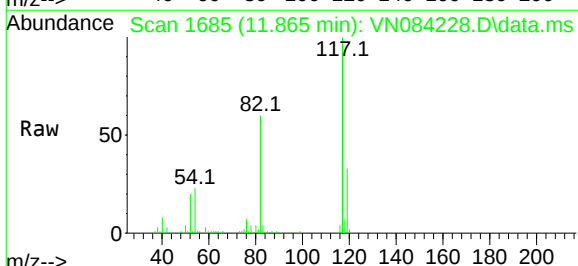
RT: 11.865 min Scan# 1685

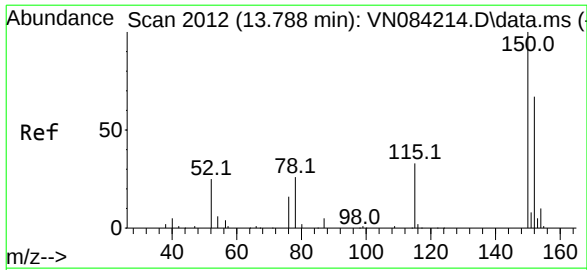
Delta R.T. -0.000 min

Lab File: VN084228.D

Acq: 30 Sep 2024 19:42

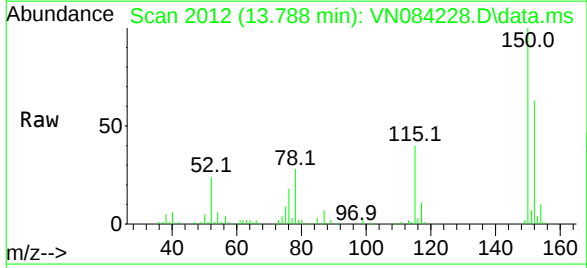
Tgt Ion:	117	Resp:	245180
Ion Ratio	Lower	Upper	
117	100		
82	59.6	47.2	70.8
119	32.7	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN084228.D
Acq: 30 Sep 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20240918



Tgt Ion:	152	Resp:	100934
Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.3	93.9
150	158.0	0.0	349.8

