

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083920.D
 Acq On : 16 Sep 2024 16:15
 Operator : JC\MD
 Sample : P3957-15DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20240911DL

Quant Time: Sep 17 02:34:22 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)

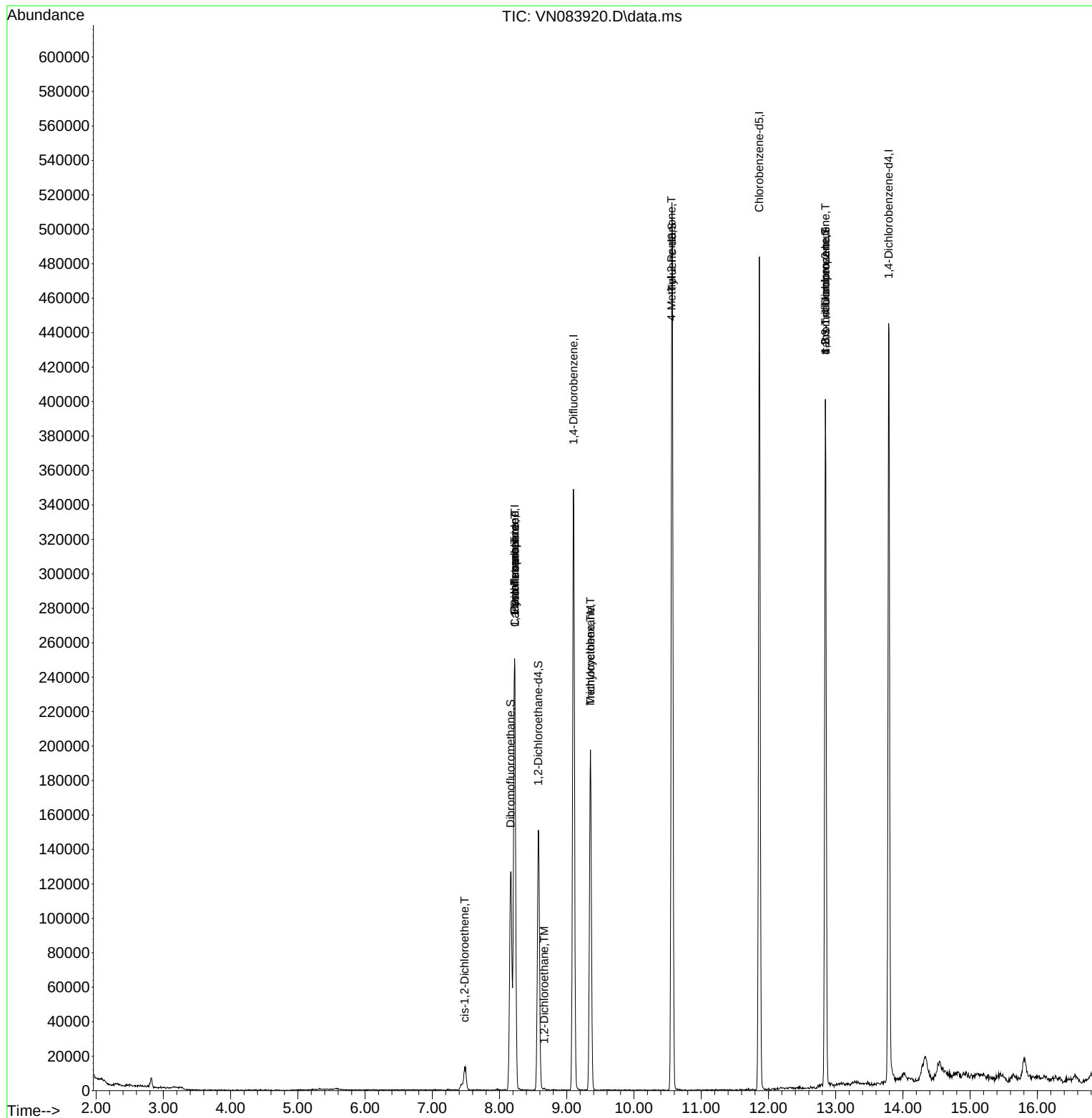
Internal Standards						
1) Pentafluorobenzene	8.224	168	171011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130221	50.501	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.000%	
35) Dibromofluoromethane	8.165	113	92036	50.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.900%	
50) Toluene-d8	10.565	98	346191	54.897	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.800%	
62) 4-Bromofluorobenzene	12.847	95	133344	51.251	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	341	Below Cal	#	41
27) cis-1,2-Dichloroethene	7.483	96	8377	3.560	ug/l	88
31) Cyclohexane	8.224	56	4790	1.285	ug/l #	35
36) 1,1-Dichloropropene	8.230	75	15752	5.737	ug/l #	50
38) Carbon Tetrachloride	8.230	117	19329	6.205	ug/l #	17
39) Methylcyclohexane	9.353	83	902	0.289	ug/l #	1
42) 1,2-Dichloroethane	8.665	62	659	0.213	ug/l #	77
44) Trichloroethene	9.353	130	67019	35.021	ug/l	93
51) 4-Methyl-2-Pentanone	10.559	43	1826	0.743	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	75939	34.327	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75939	89.904	ug/l #	9

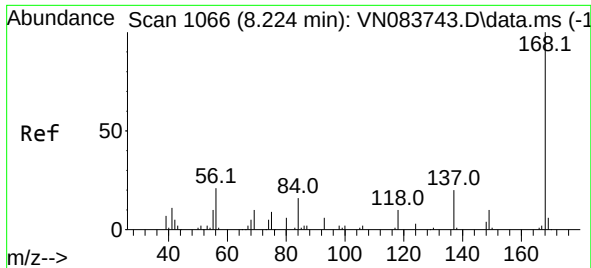
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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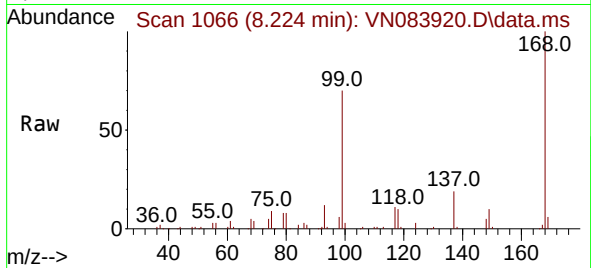
Quant Time: Sep 17 02:34:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



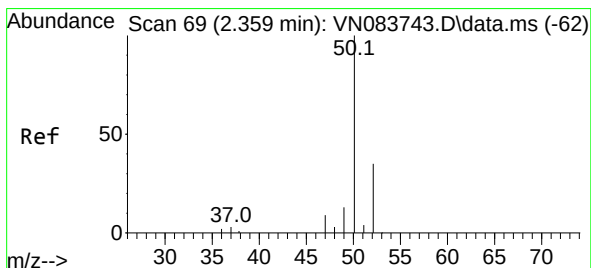
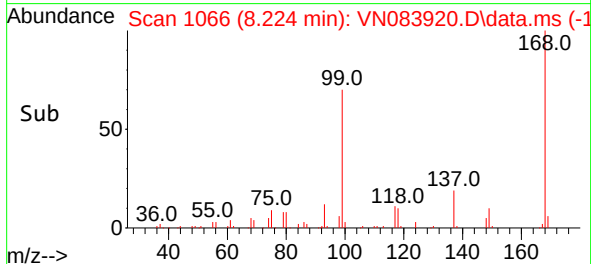
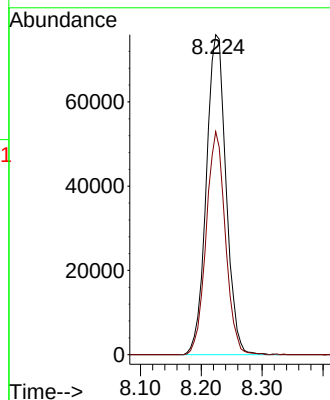


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083920.D
Acq: 16 Sep 2024 16:15

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20240911DL

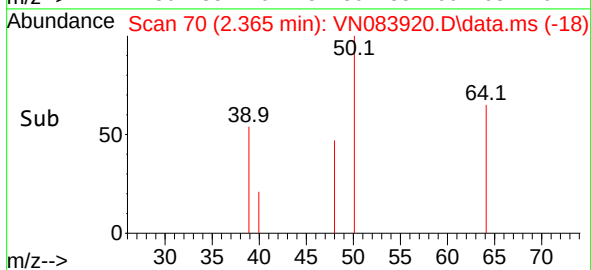
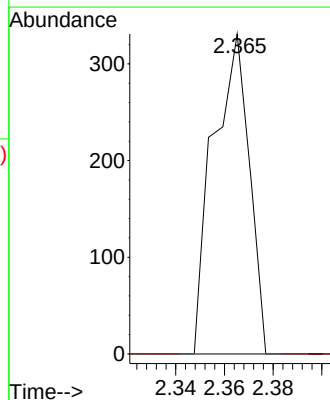
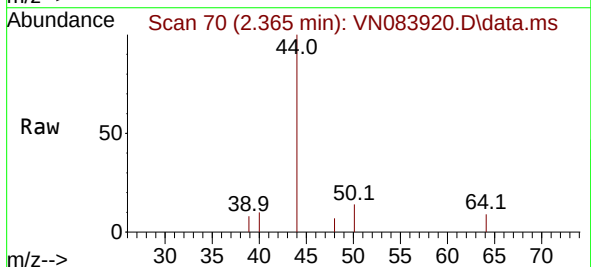


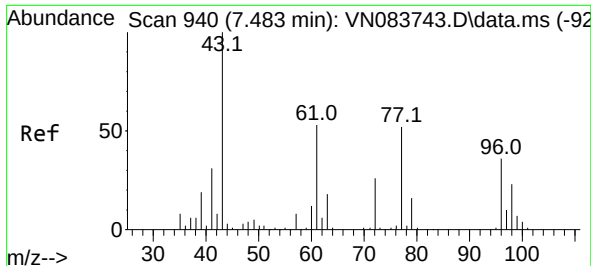
Tgt Ion:168 Resp: 171011
Ion Ratio Lower Upper
168 100
99 69.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083920.D
Acq: 16 Sep 2024 16:15

Tgt Ion: 50 Resp: 341
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

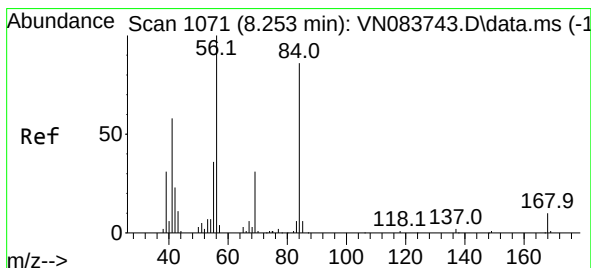
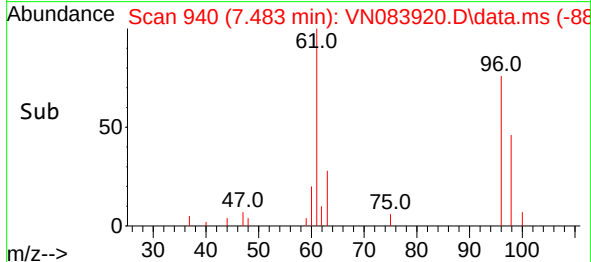
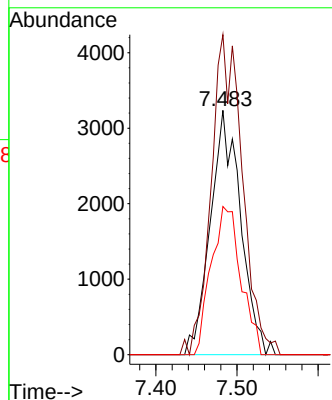
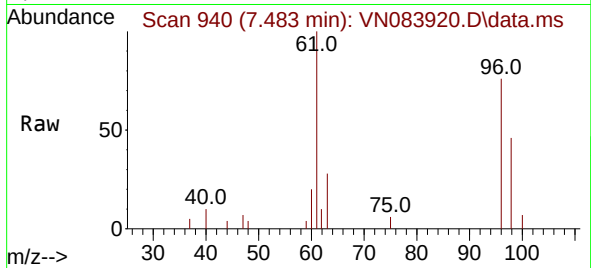




#27
 cis-1,2-Dichloroethene
 Concen: 3.560 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083920.D
 Acq: 16 Sep 2024 16:15

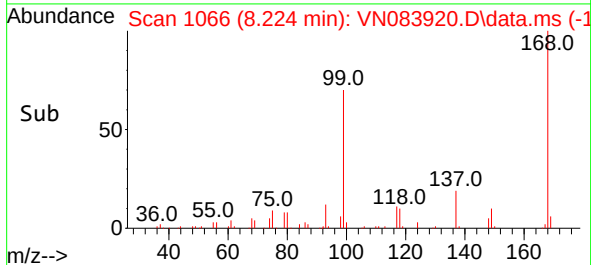
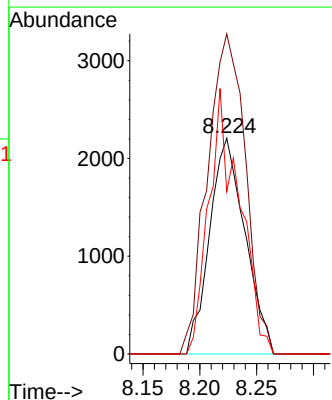
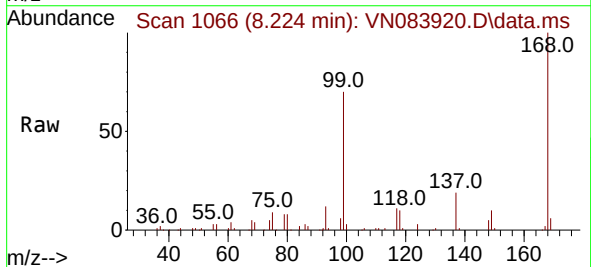
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20240911DL

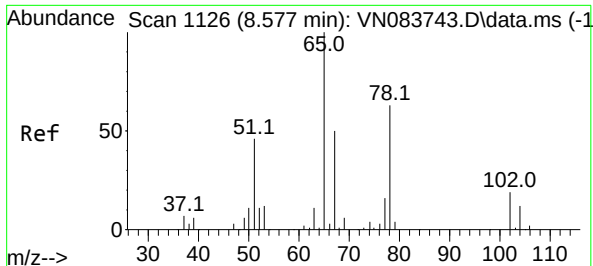
Tgt Ion:	96	Resp:	8377
Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	306.2
98	59.8	0.0	128.6



#31
 Cyclohexane
 Concen: 1.285 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.029 min
 Lab File: VN083920.D
 Acq: 16 Sep 2024 16:15

Tgt Ion:	56	Resp:	4790
Ion	Ratio	Lower	Upper
56	100		
69	148.4	26.9	40.3#
84	75.4	69.2	103.8





#33

1,2-Dichloroethane-d4

Concen: 50.501 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083920.D

Acq: 16 Sep 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

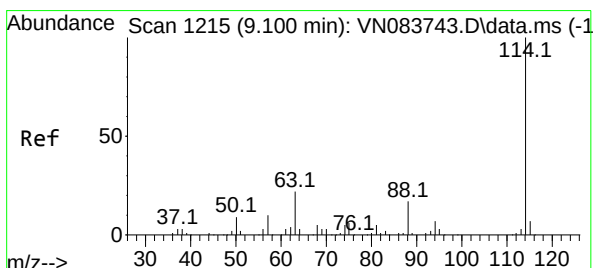
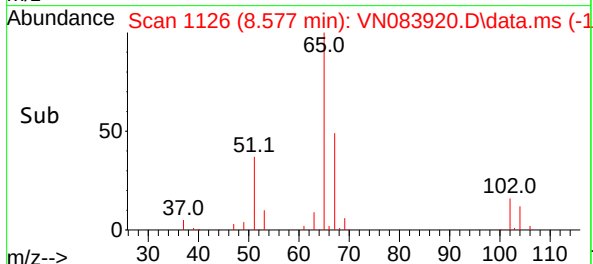
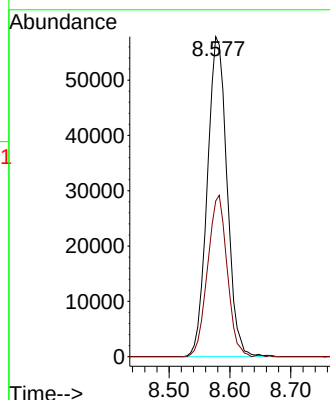
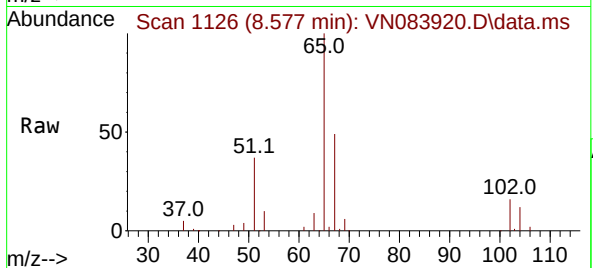
RE104D2-20240911DL

Tgt Ion: 65 Resp: 130221

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083920.D

Acq: 16 Sep 2024 16:15

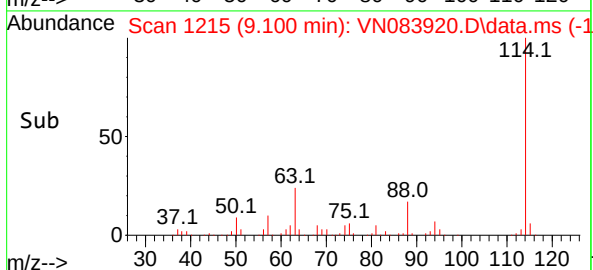
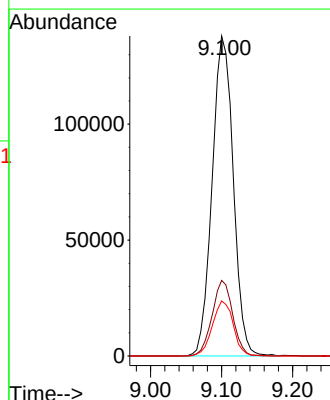
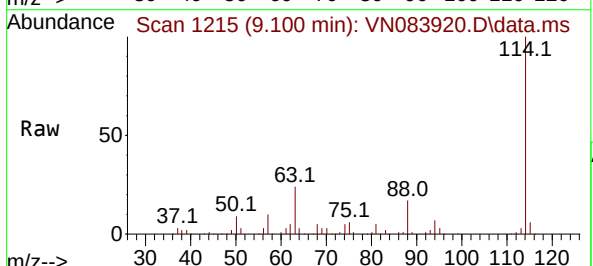
Tgt Ion: 114 Resp: 284938

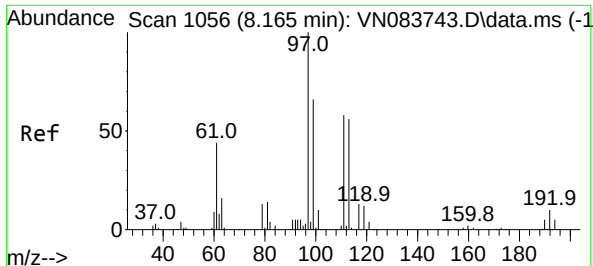
Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.4

88 17.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.455 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083920.D

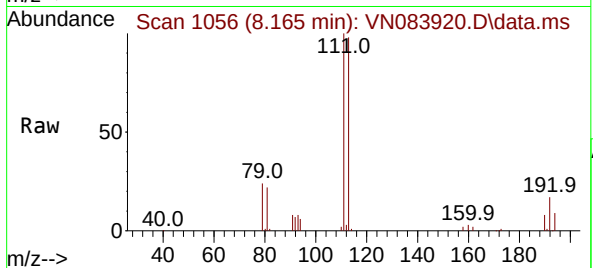
Acq: 16 Sep 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20240911DL



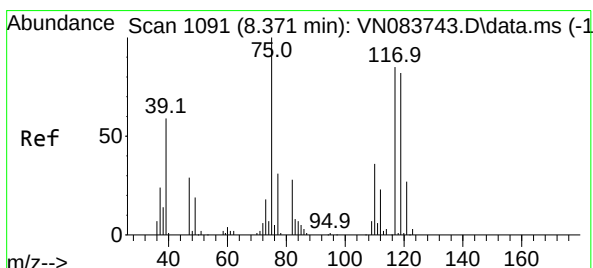
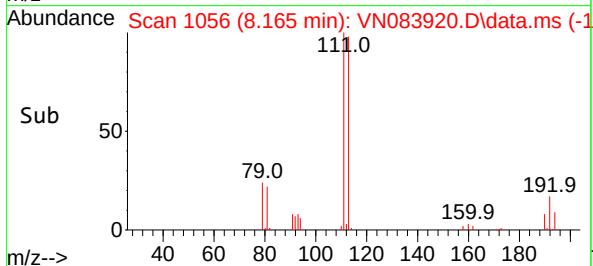
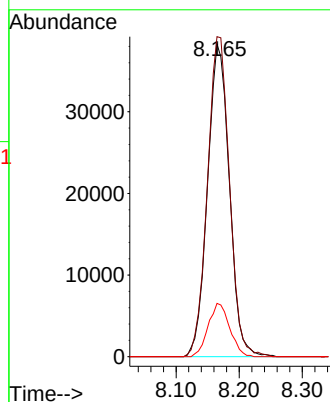
Tgt Ion:113 Resp: 92036

Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 16.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.737 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083920.D

Acq: 16 Sep 2024 16:15

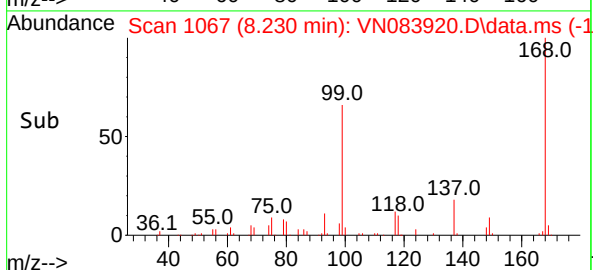
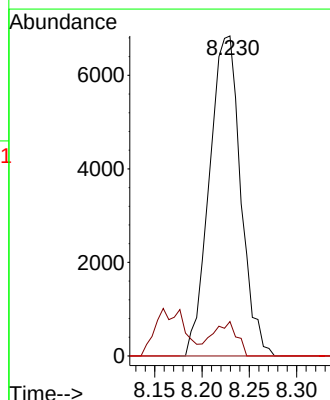
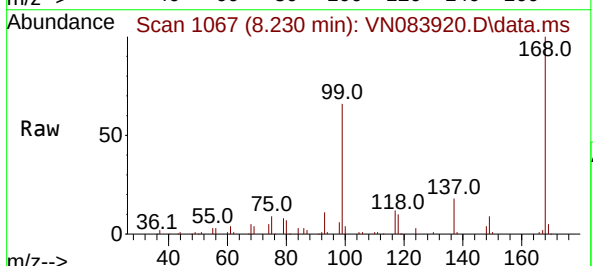
Tgt Ion: 75 Resp: 15752

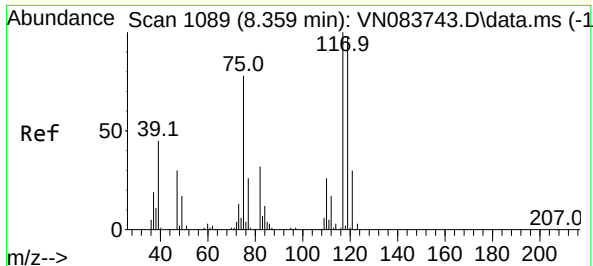
Ion Ratio Lower Upper

75 100

110 8.7 16.7 50.1#

77 0.0 25.2 37.8#

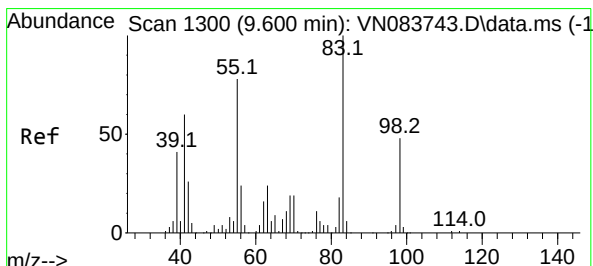
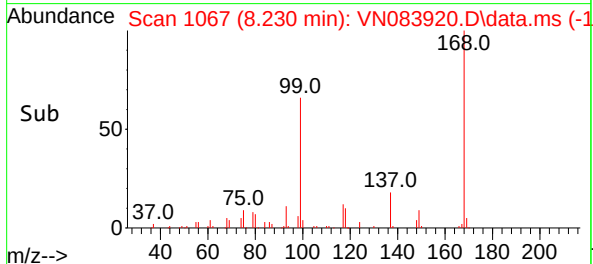
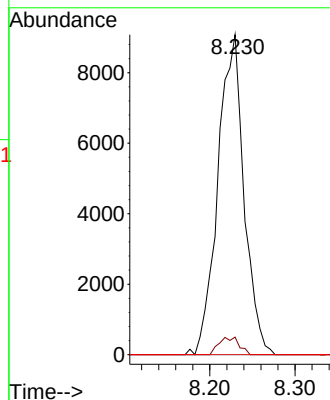
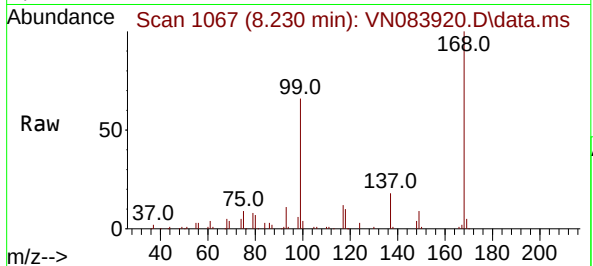




#38
Carbon Tetrachloride
Concen: 6.205 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.129 min
Lab File: VN083920.D
Acq: 16 Sep 2024 16:15

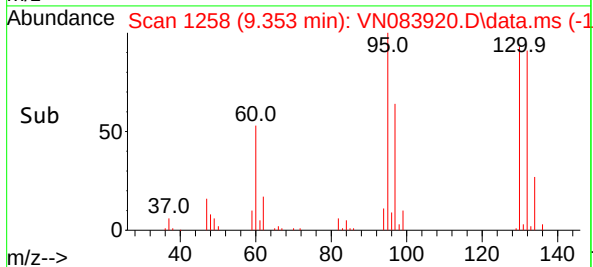
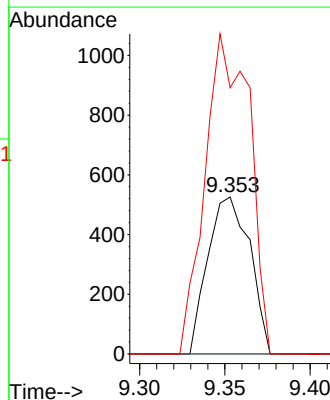
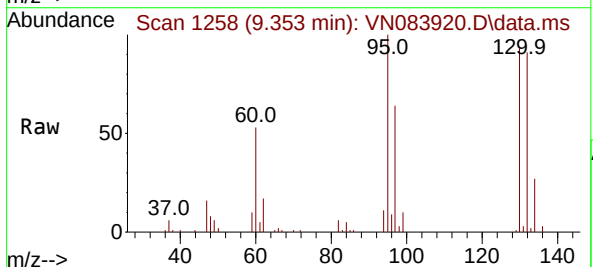
Instrument :
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RE104D2-20240911DL

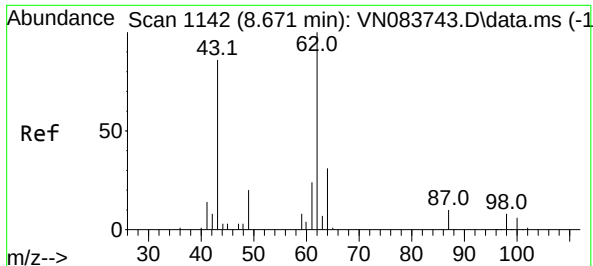
Tgt Ion:117 Resp: 19329
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.289 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.247 min
Lab File: VN083920.D
Acq: 16 Sep 2024 16:15

Tgt Ion: 83 Resp: 902
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 169.6 37.6 56.4#





#42

1,2-Dichloroethane

Concen: 0.213 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VN083920.D

Acq: 16 Sep 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

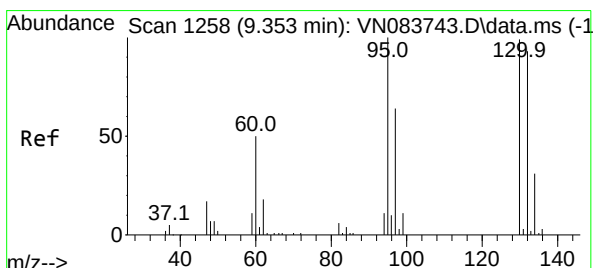
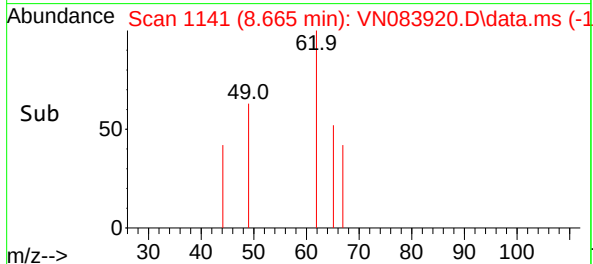
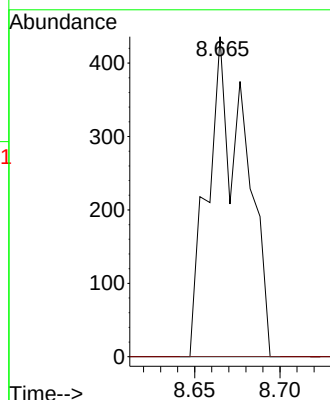
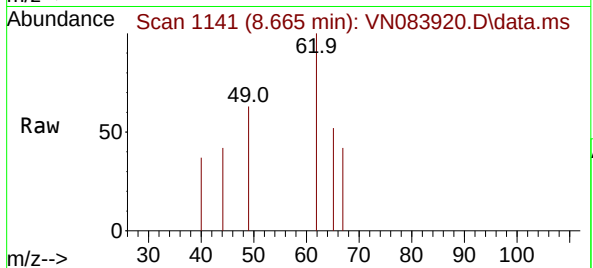
RE104D2-20240911DL

Tgt Ion: 62 Resp: 659

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6



#44

Trichloroethene

Concen: 35.021 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083920.D

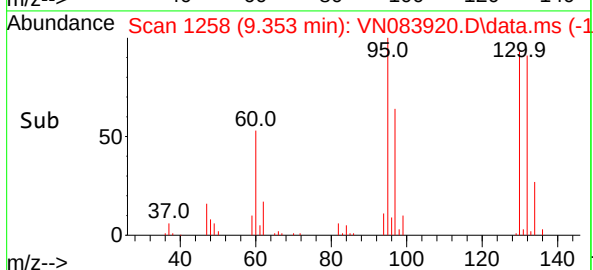
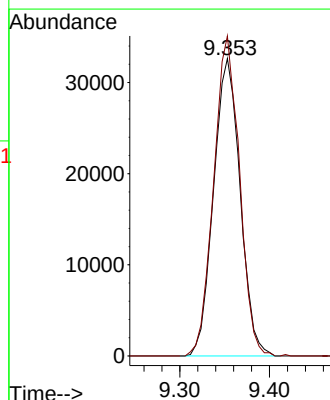
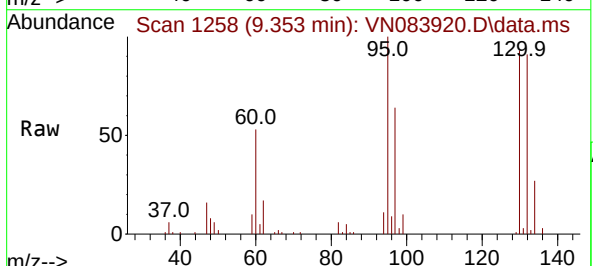
Acq: 16 Sep 2024 16:15

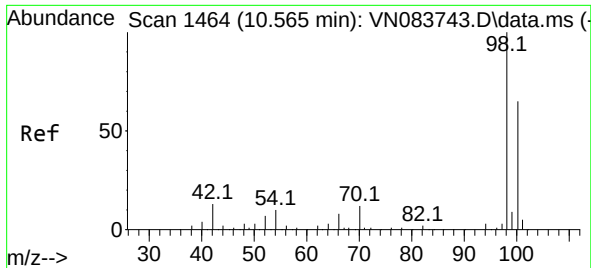
Tgt Ion:130 Resp: 67019

Ion Ratio Lower Upper

130 100

95 107.6 0.0 200.4

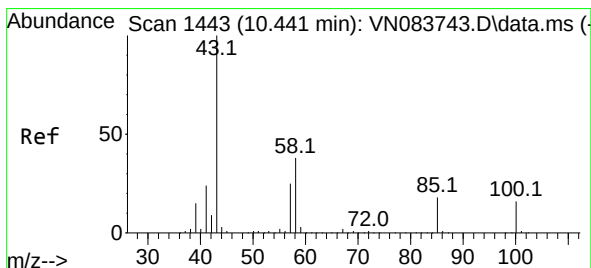
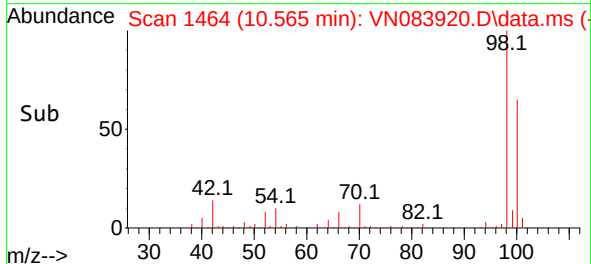
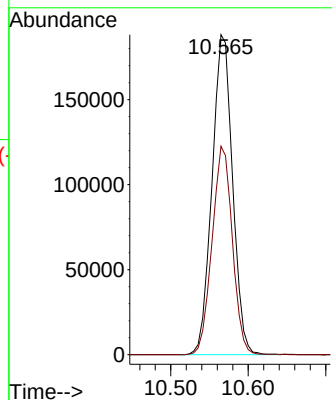
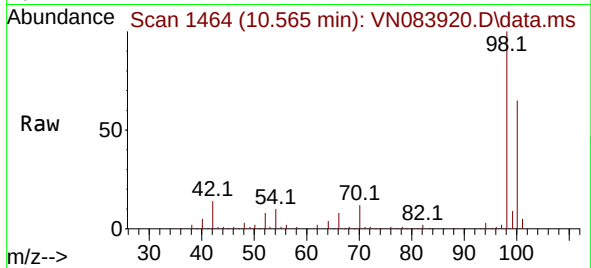




#50
Toluene-d8
Concen: 54.897 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083920.D
Acq: 16 Sep 2024 16:15

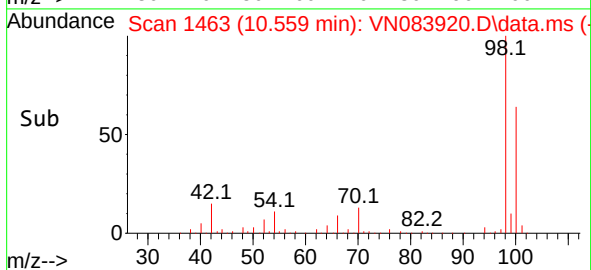
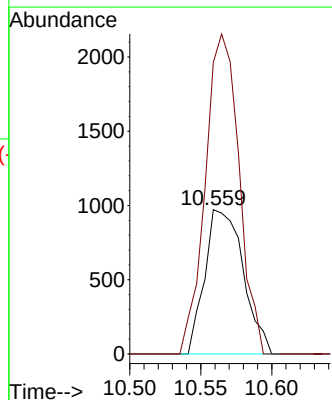
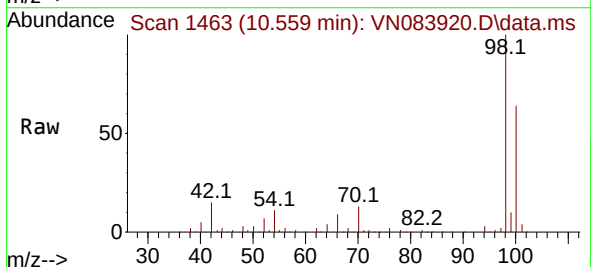
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20240911DL

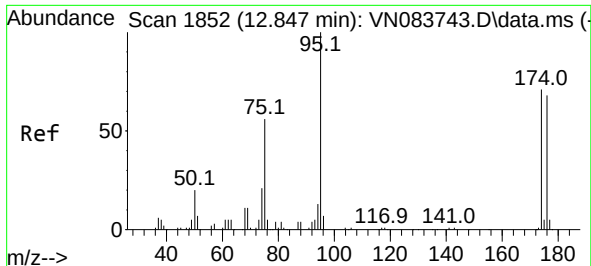
Tgt Ion: 98 Resp: 346191
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.743 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN083920.D
Acq: 16 Sep 2024 16:15

Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
58 195.1 31.6 47.4#

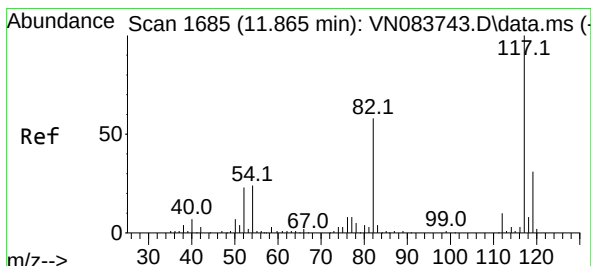
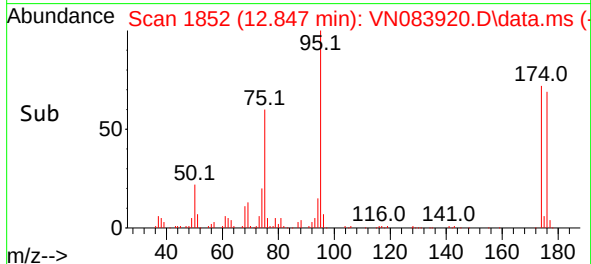
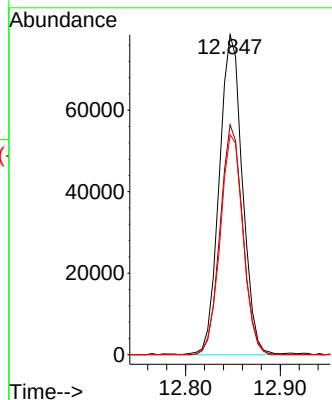
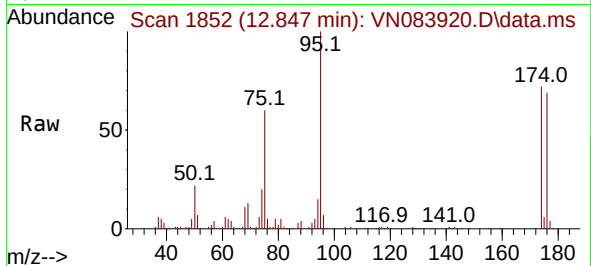




#62
4-Bromofluorobenzene
Concen: 51.251 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083920.D
Acq: 16 Sep 2024 16:15

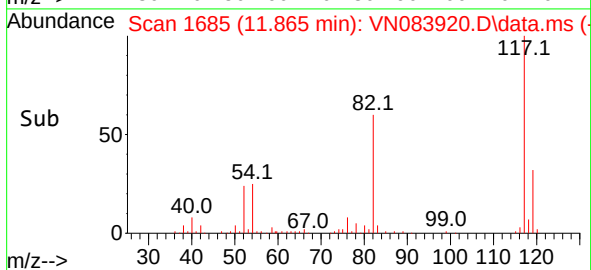
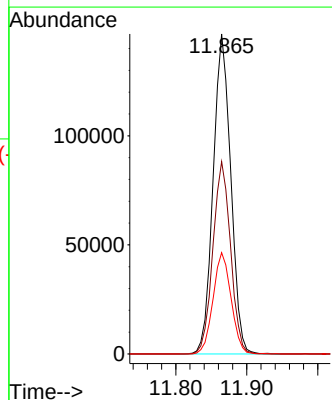
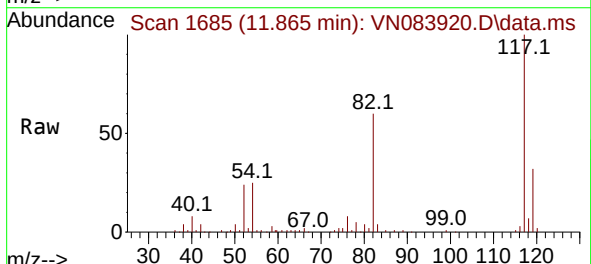
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20240911DL

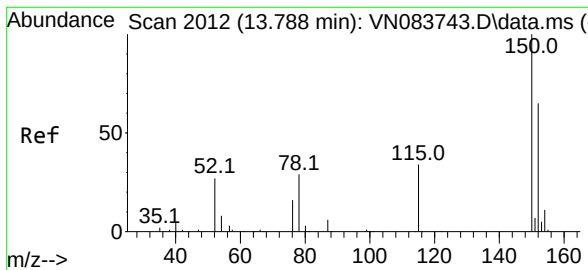
Tgt Ion: 95 Resp: 133344
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 68.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083920.D
Acq: 16 Sep 2024 16:15

Tgt Ion: 117 Resp: 252362
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.0
119 31.7 26.3 39.5

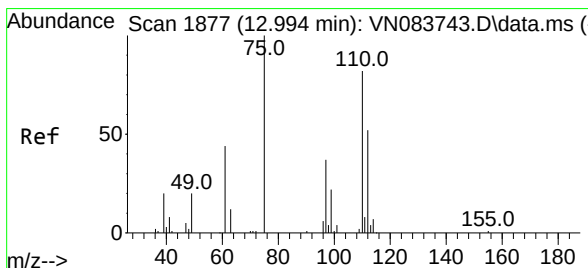
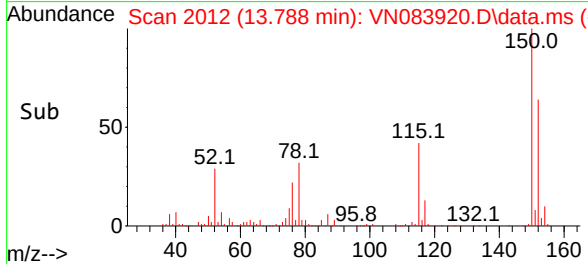
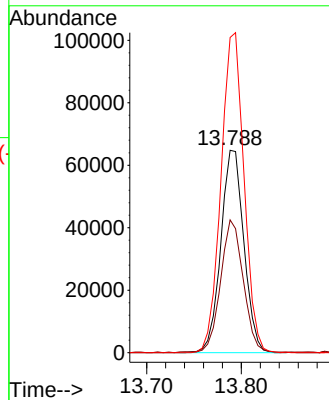
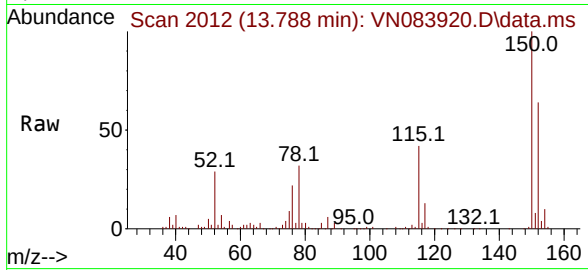




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083920.D
Acq: 16 Sep 2024 16:15

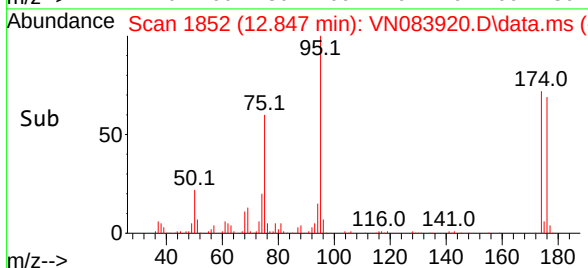
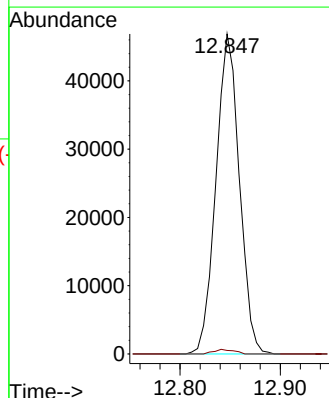
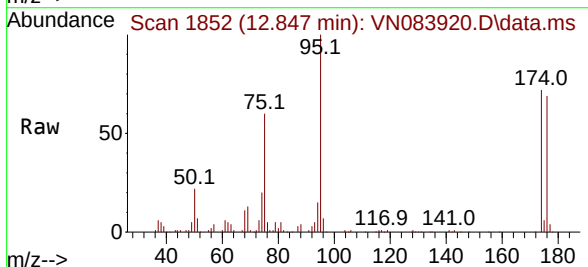
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20240911DL

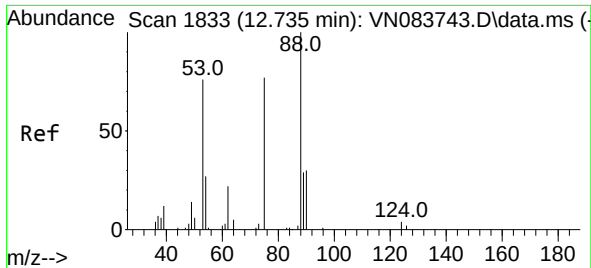
Tgt Ion:152 Resp: 109636
Ion Ratio Lower Upper
152 100
115 65.0 32.2 96.6
150 157.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 34.327 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083920.D
Acq: 16 Sep 2024 16:15

Tgt Ion: 75 Resp: 75939
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.904 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083920.D
 Acq: 16 Sep 2024 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20240911DL

Tgt Ion: 75 Resp: 75939
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

