

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084114.D
 Acq On : 23 Sep 2024 17:05
 Operator : JC\MD
 Sample : P4003-07DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20240912DL

Quant Time: Sep 24 01:34:48 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)

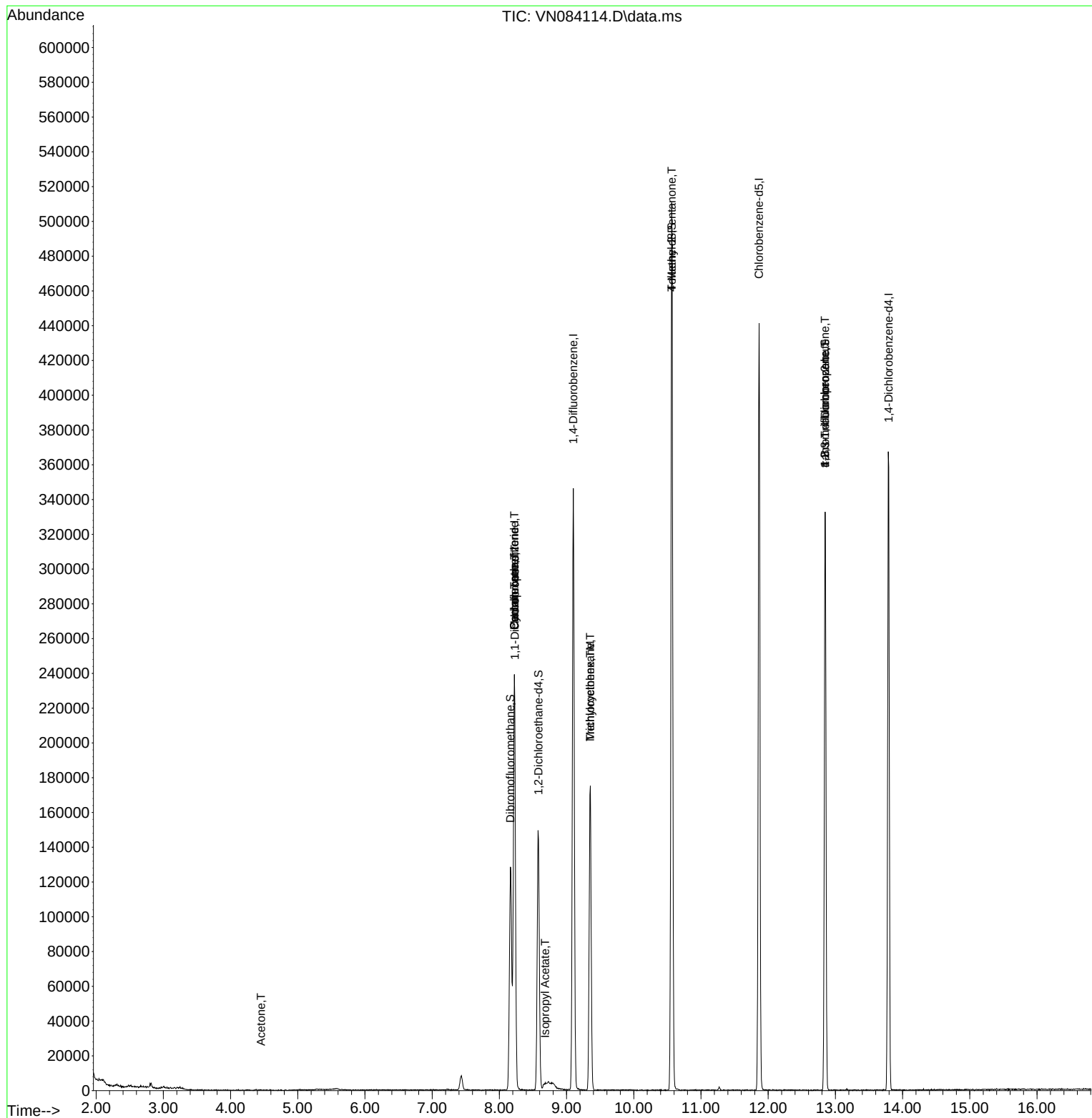
Internal Standards						
1) Pentafluorobenzene	8.224	168	159421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	124653	51.856	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.720%	
35) Dibromofluoromethane	8.165	113	92302	51.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.400%	
50) Toluene-d8	10.565	98	339053	54.400	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.800%	
62) 4-Bromofluorobenzene	12.847	95	115625	44.965	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	132	Below Cal	#	41
16) Acetone	4.453	43	366	0.380	ug/l #	45
18) Methyl Acetate	5.030	43	124	Below Cal	#	52
31) Cyclohexane	8.224	56	4218	1.214	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	15103	5.566	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18253	5.929	ug/l #	16
39) Methylcyclohexane	9.353	83	899	0.291	ug/l #	6
43) Isopropyl Acetate	8.682	43	3680	0.824	ug/l #	57
44) Trichloroethene	9.353	130	60781	32.136	ug/l	99
51) 4-Methyl-2-Pentanone	10.565	43	1555	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65465	34.192	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65465	89.552	ug/l #	9

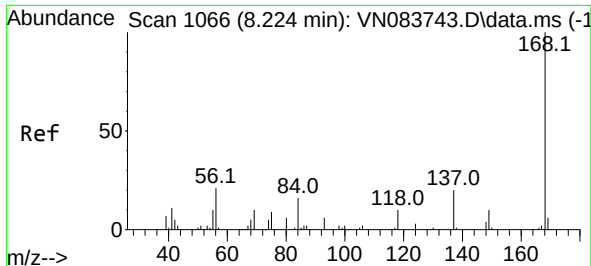
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
Data File : VN084114.D
Acq On : 23 Sep 2024 17:05
Operator : JC\MD
Sample : P4003-07DL 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912DL

Quant Time: Sep 24 01:34:48 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

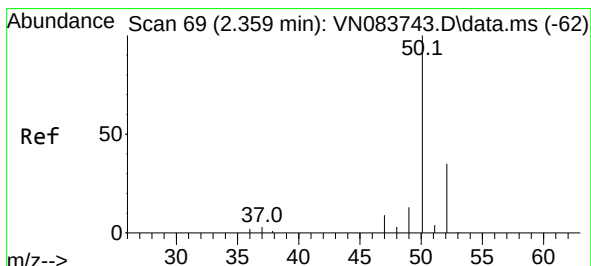
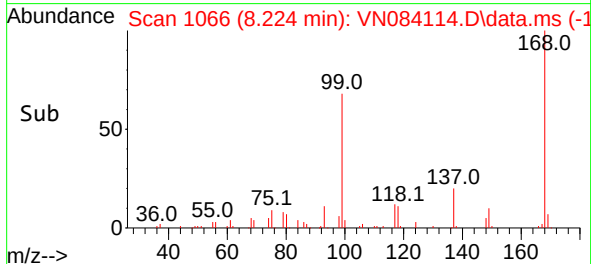
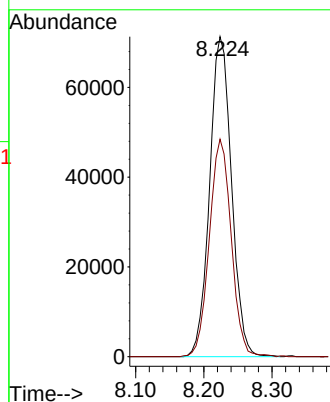
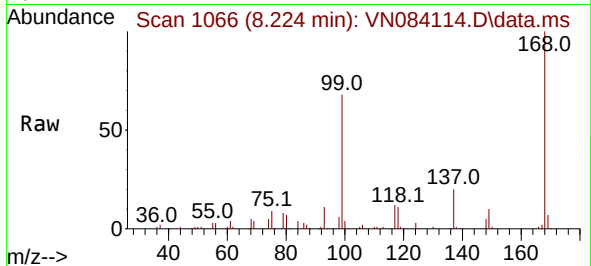




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

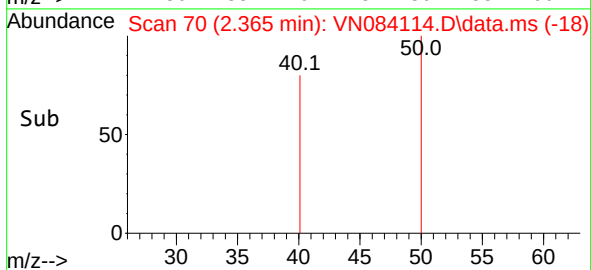
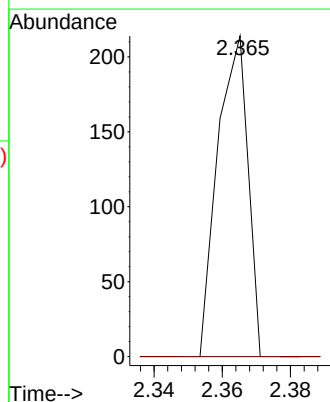
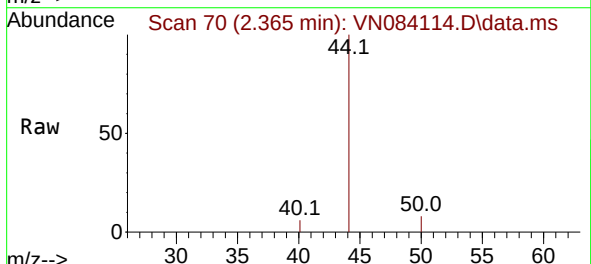
Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912DL

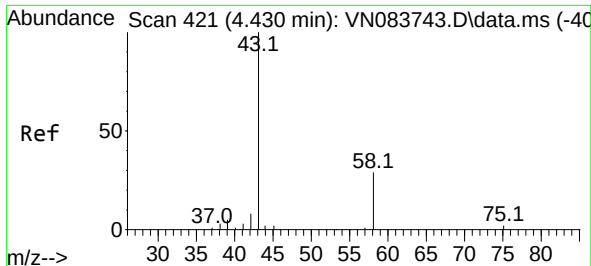
Tgt Ion:168 Resp: 159421
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

Tgt Ion: 50 Resp: 132
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

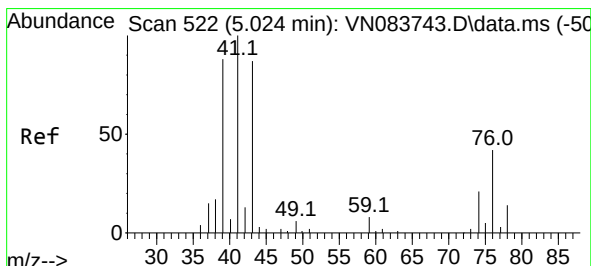
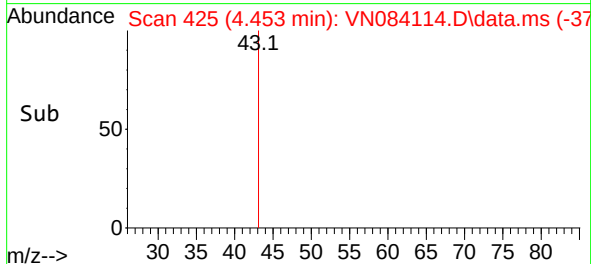
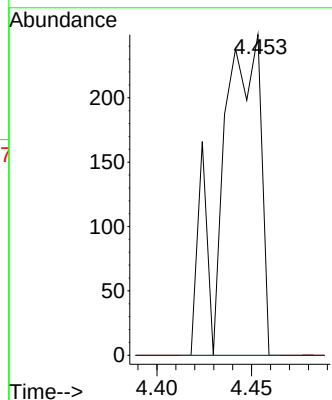
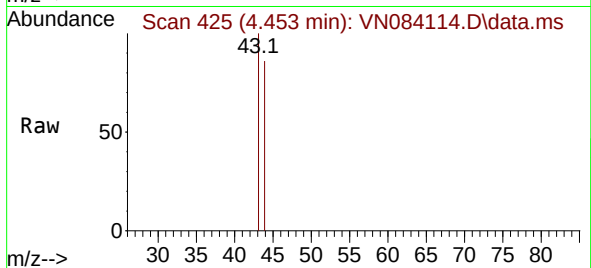




#16
Acetone
Concen: 0.380 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

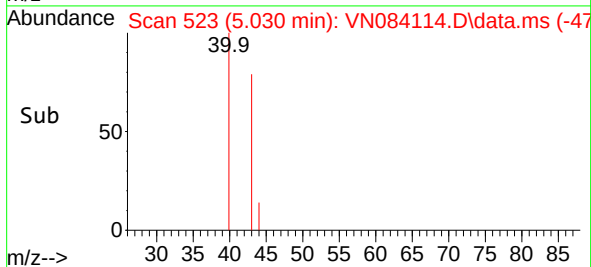
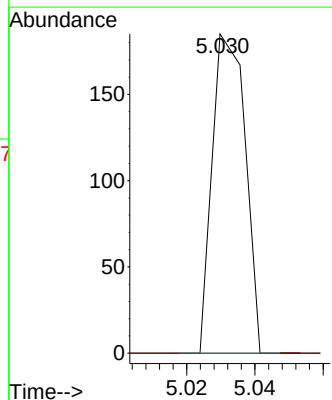
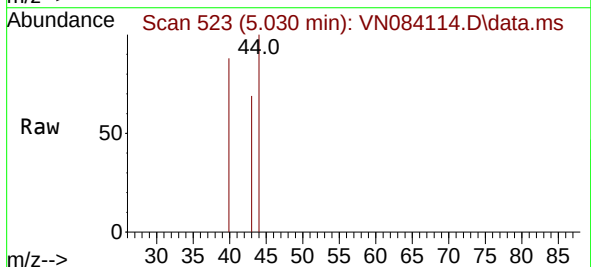
Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912DL

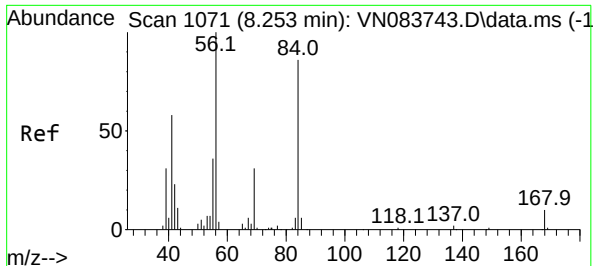
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#





#31

Cyclohexane

Concen: 1.214 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN084114.D

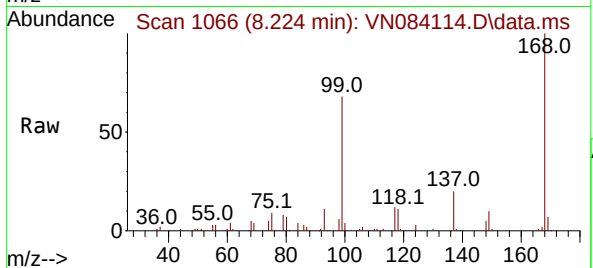
Acq: 23 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20240912DL



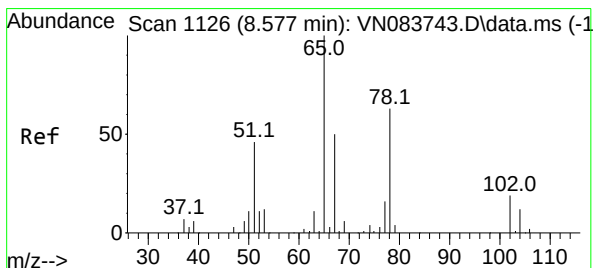
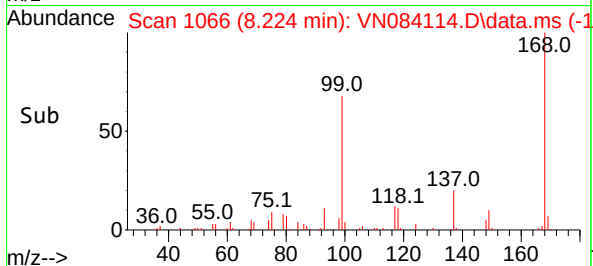
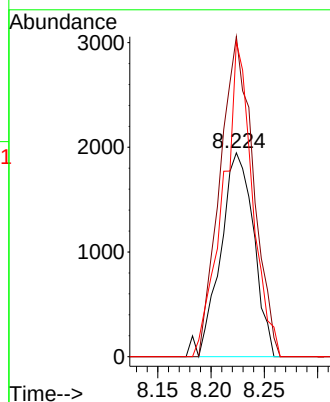
Tgt Ion: 56 Resp: 4218

Ion Ratio Lower Upper

56 100

69 156.9 26.9 40.3#

84 154.4 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 51.856 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084114.D

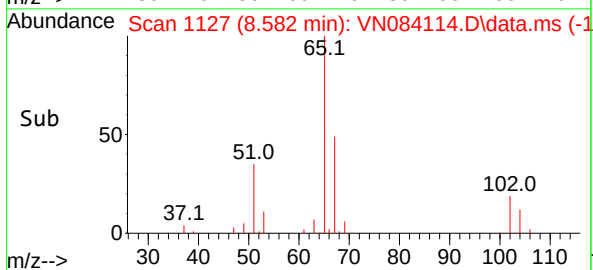
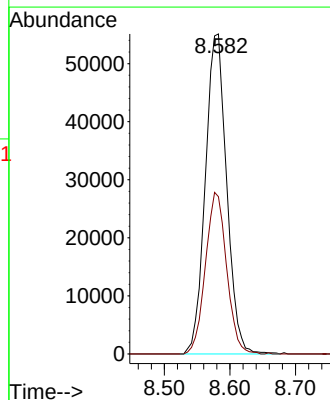
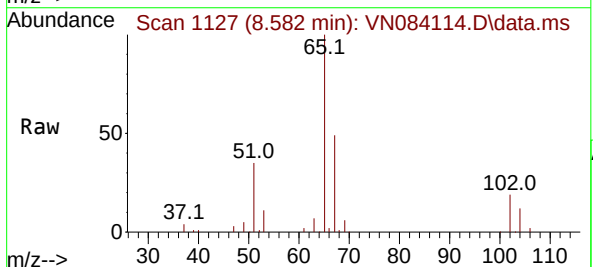
Acq: 23 Sep 2024 17:05

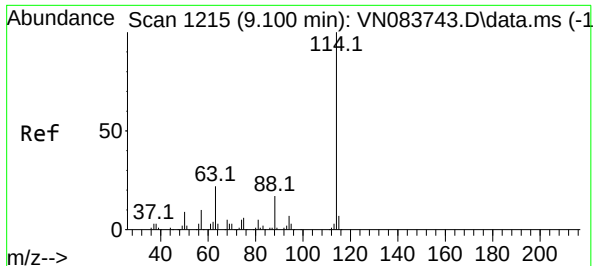
Tgt Ion: 65 Resp: 124653

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084114.D

Acq: 23 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20240912DL

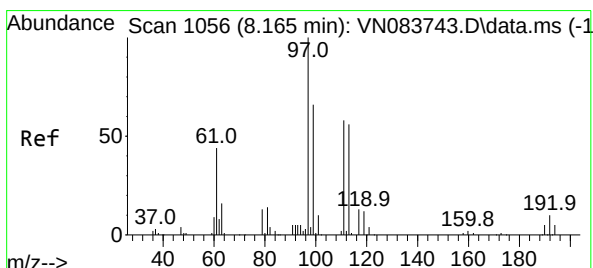
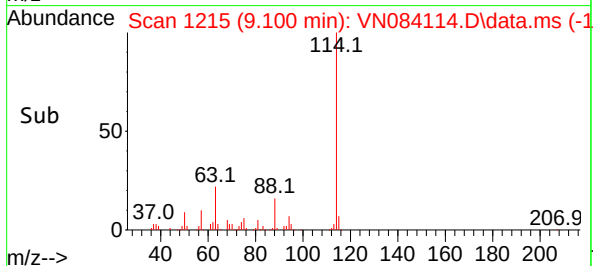
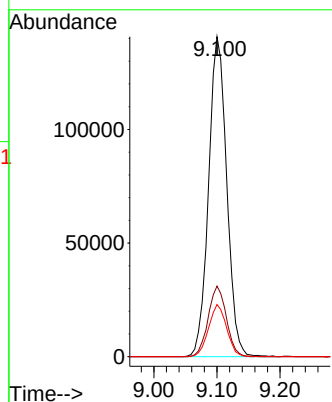
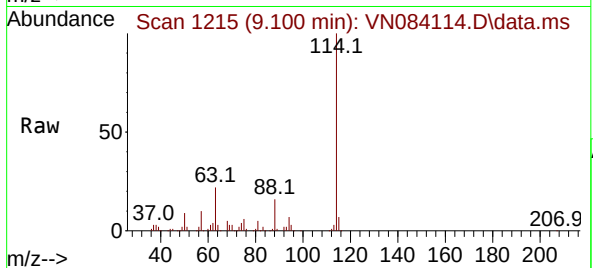
Tgt Ion:114 Resp: 281615

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.197 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084114.D

Acq: 23 Sep 2024 17:05

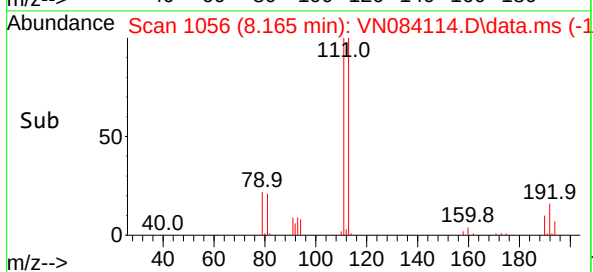
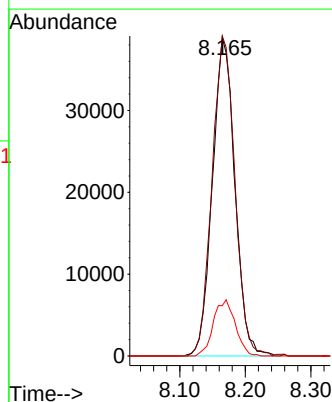
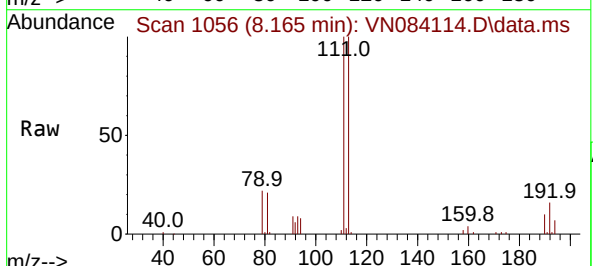
Tgt Ion:113 Resp: 92302

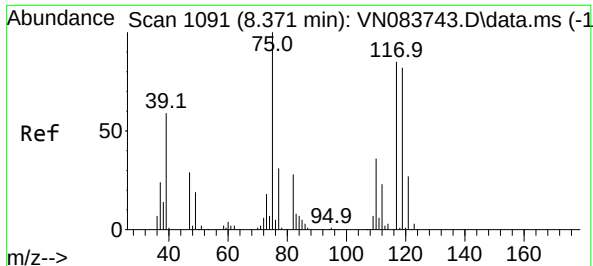
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.566 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN084114.D

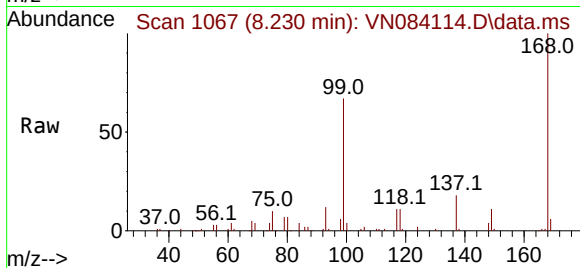
Acq: 23 Sep 2024 17:05

Instrument :

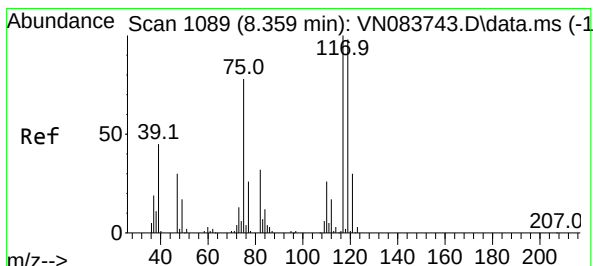
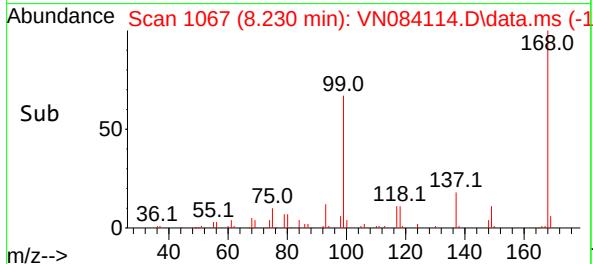
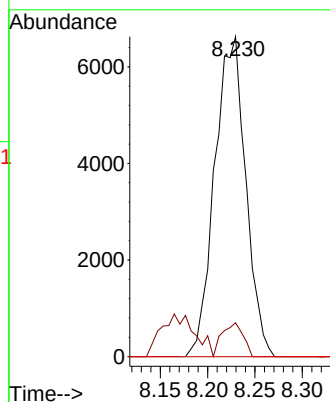
MSVOA_N

ClientSampleId :

RE105D2-20240912DL



Tgt Ion:	75	Resp:	15103
Ion Ratio	Lower	Upper	
75	100		
110	7.2	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 5.929 ug/l

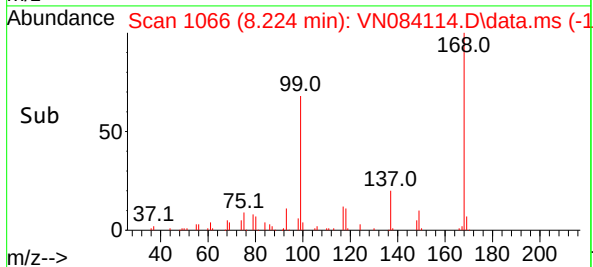
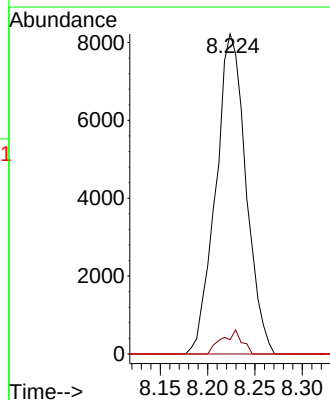
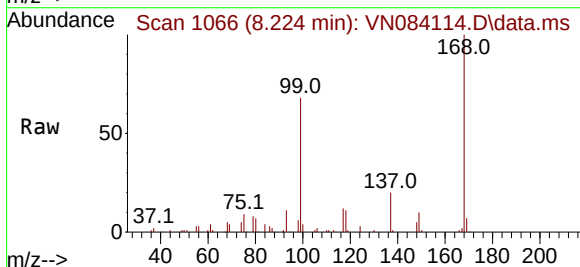
RT: 8.224 min Scan# 1066

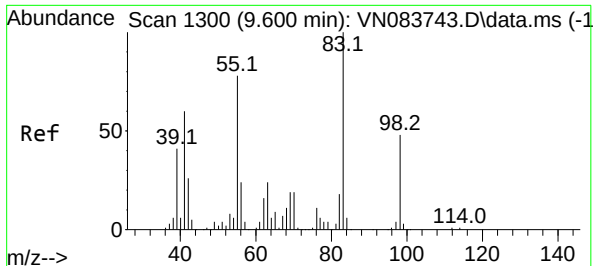
Delta R.T. -0.135 min

Lab File: VN084114.D

Acq: 23 Sep 2024 17:05

Tgt Ion:	117	Resp:	18253
Ion Ratio	Lower	Upper	
117	100		
119	4.4	76.1	114.1#
121	0.0	24.1	36.1#





#39

Methylcyclohexane

Concen: 0.291 ug/l

RT: 9.353 min Scan# 1125

Delta R.T. -0.247 min

Lab File: VN084114.D

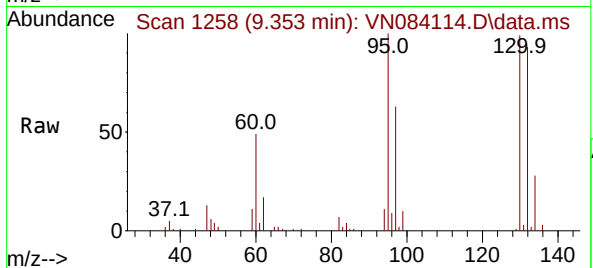
Acq: 23 Sep 2024 17:05

Instrument :

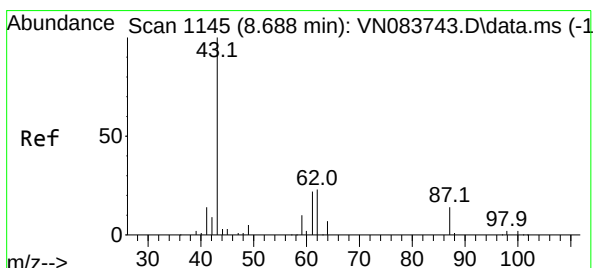
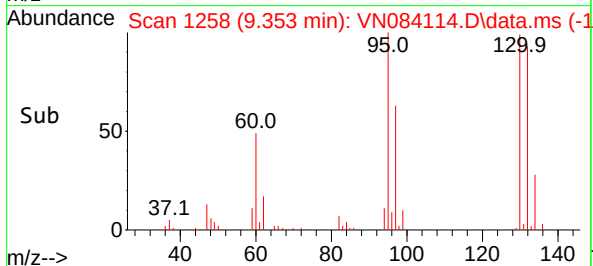
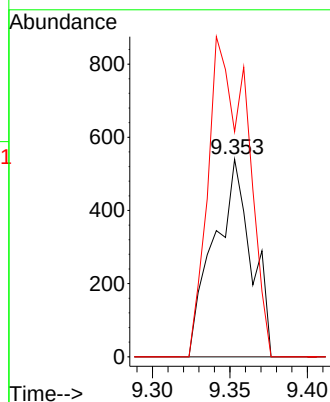
MSVOA_N

ClientSampleId :

RE105D2-20240912DL



Tgt Ion:	83	Resp:	899
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.2	93.4#
98	113.9	37.6	56.4#



#43

Isopropyl Acetate

Concen: 0.824 ug/l

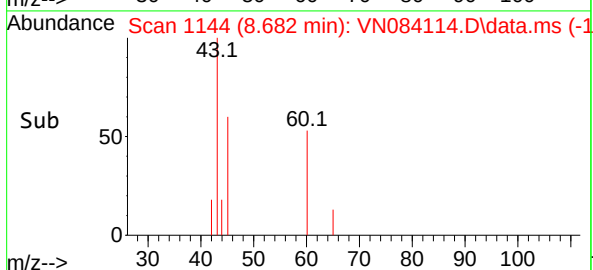
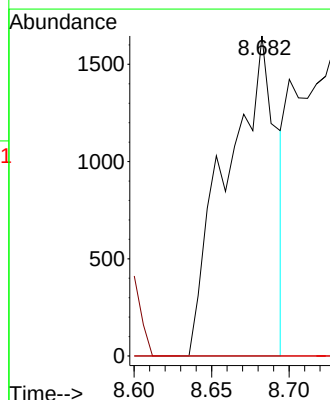
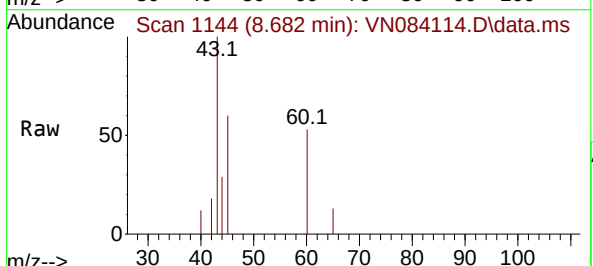
RT: 8.682 min Scan# 1144

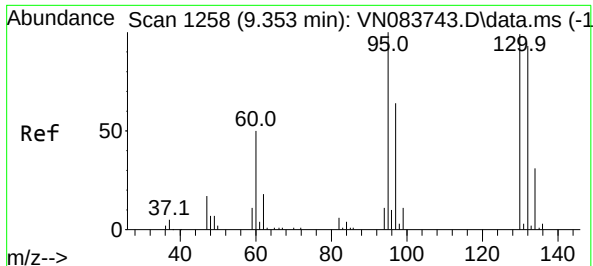
Delta R.T. -0.006 min

Lab File: VN084114.D

Acq: 23 Sep 2024 17:05

Tgt Ion:	43	Resp:	3680
Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.4	29.0#
87	0.0	9.8	14.6#

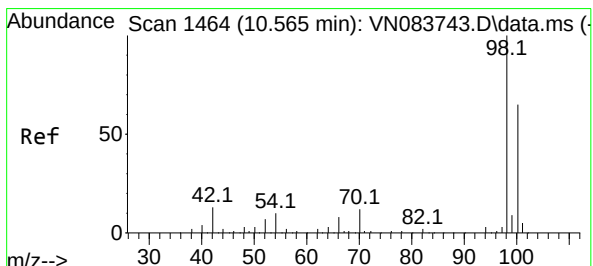
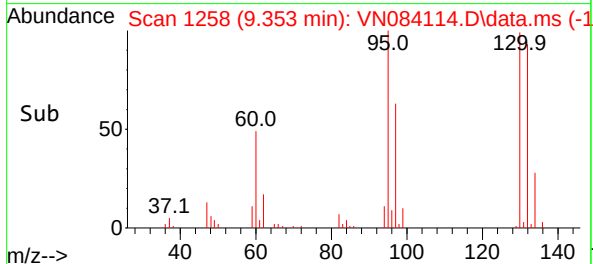
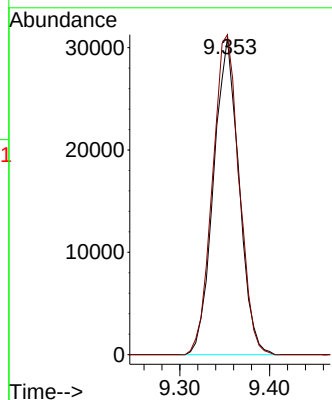
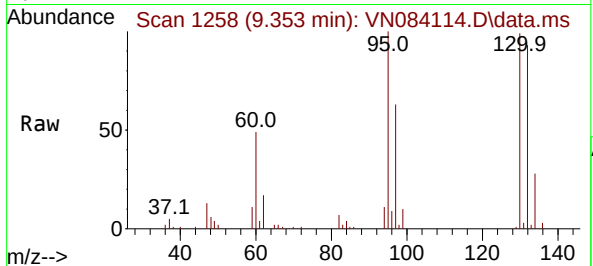




#44
Trichloroethene
Concen: 32.136 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

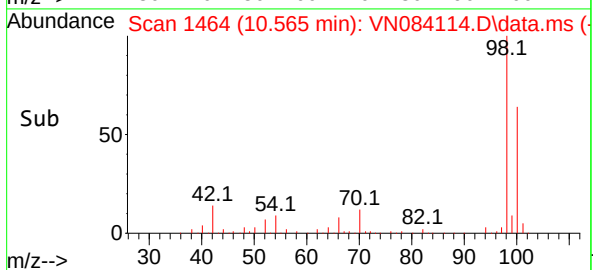
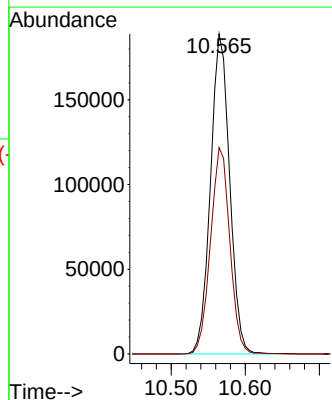
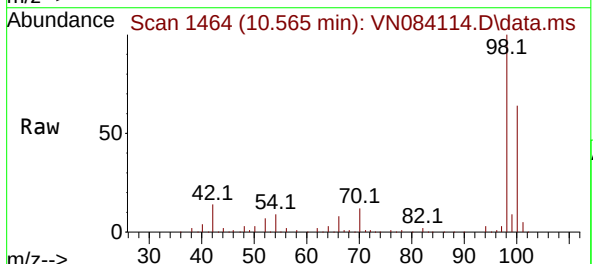
Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912DL

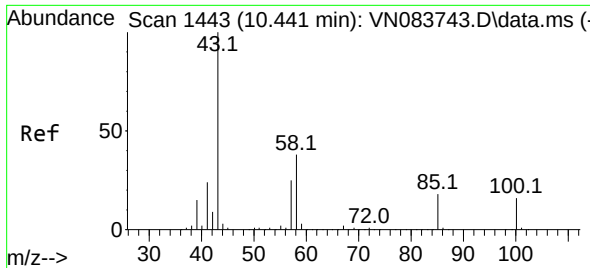
Tgt Ion:130 Resp: 60781
Ion Ratio Lower Upper
130 100
95 101.0 0.0 200.4



#50
Toluene-d8
Concen: 54.400 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

Tgt Ion: 98 Resp: 339053
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

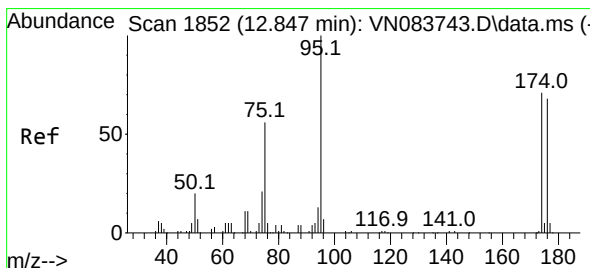
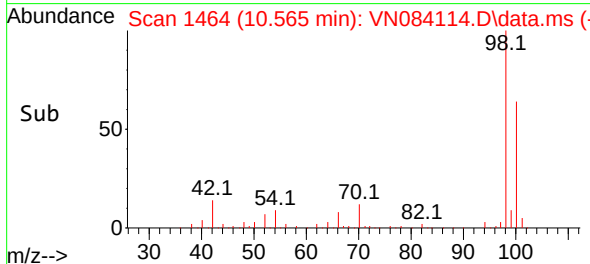
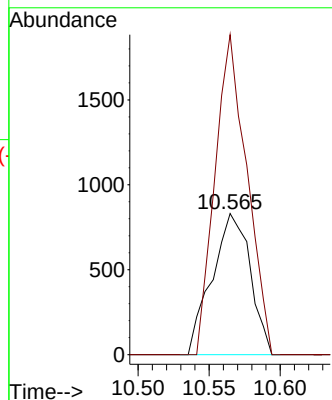
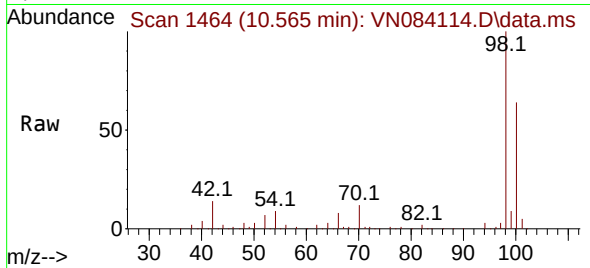




#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

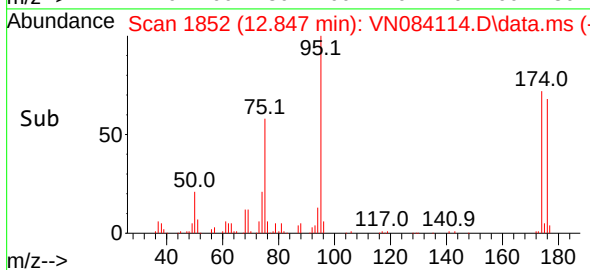
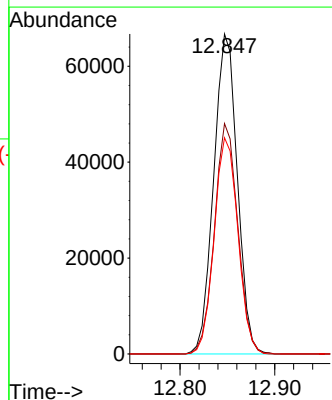
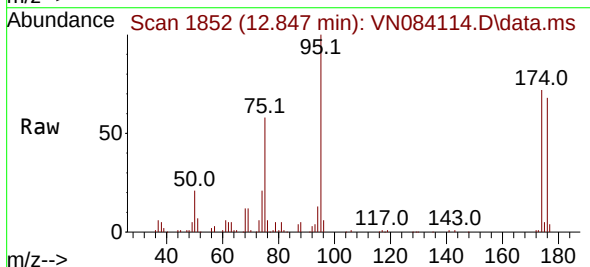
Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912DL

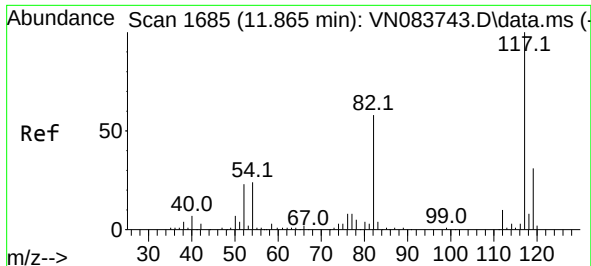
Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 189.6 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 44.965 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

Tgt Ion: 95 Resp: 115625
Ion Ratio Lower Upper
95 100
174 71.3 0.0 139.8
176 67.9 0.0 131.4

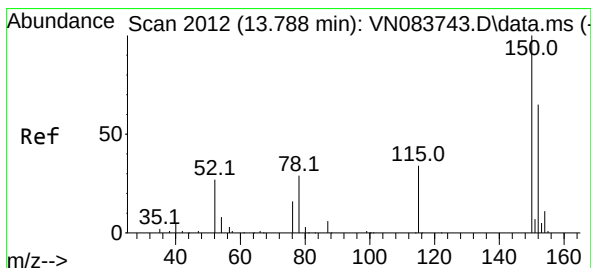
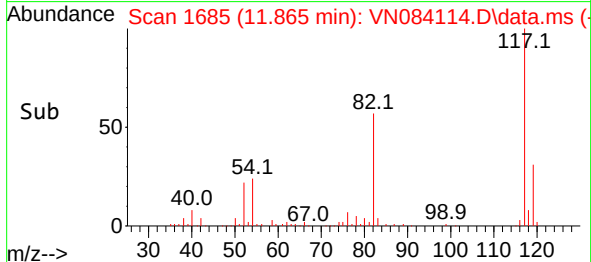
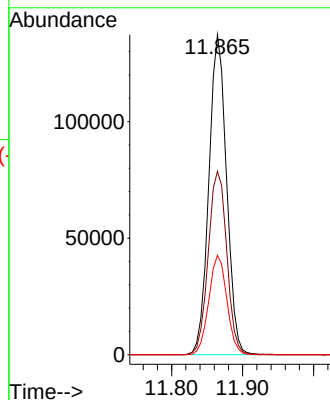
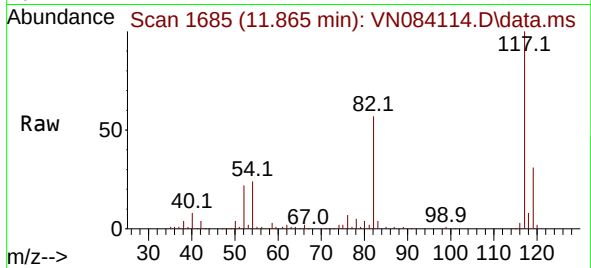




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

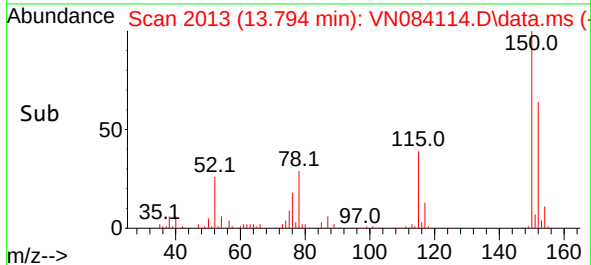
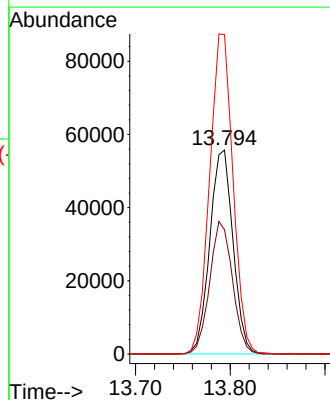
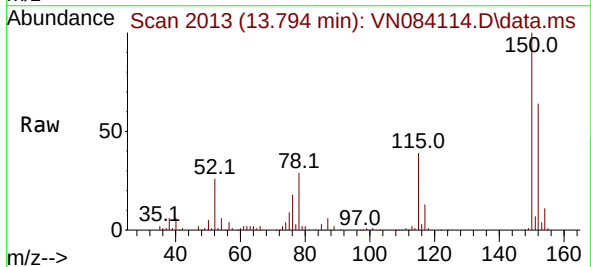
Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912DL

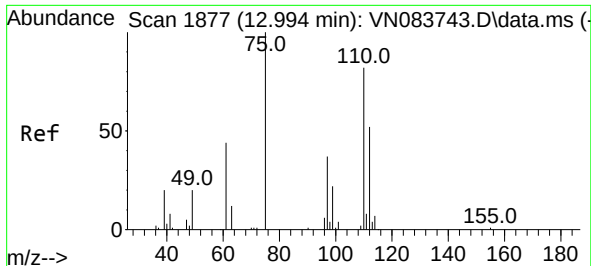
Tgt Ion:117 Resp: 237606
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.0
119 31.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

Tgt Ion:152 Resp: 94886
Ion Ratio Lower Upper
152 100
115 63.9 32.2 96.6
150 158.0 0.0 348.6

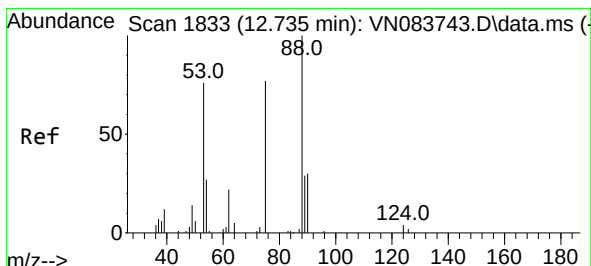
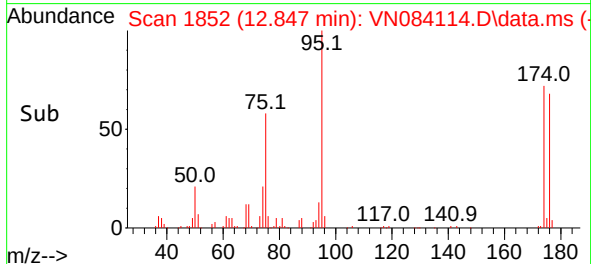
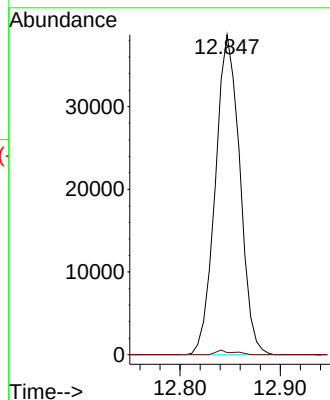
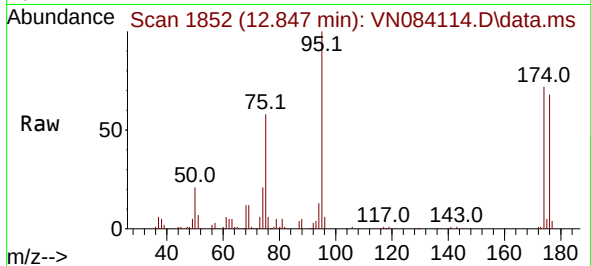




#76
1,2,3-Trichloropropane
Concen: 34.192 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912DL

Tgt Ion: 75 Resp: 65465
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.552 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084114.D
Acq: 23 Sep 2024 17:05

Tgt Ion: 75 Resp: 65465
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.1 35.7 53.5#

