

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083915.D
 Acq On : 16 Sep 2024 14:15
 Operator : JC\MD
 Sample : P3957-06DL 2X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 02:32:04 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)

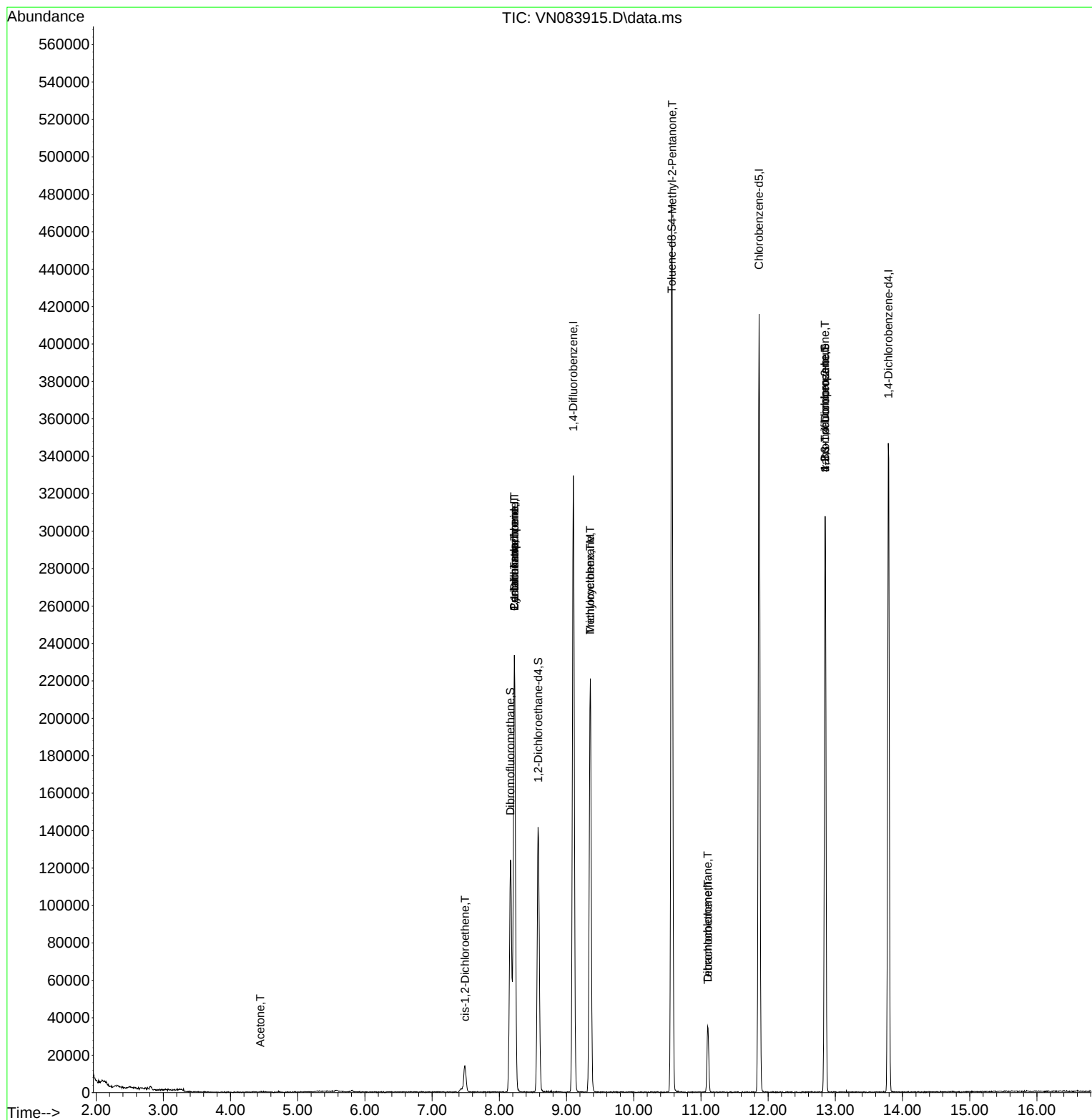
Internal Standards						
1) Pentafluorobenzene	8.224	168	156075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120090	51.029	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.060%	
35) Dibromofluoromethane	8.165	113	87158	51.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.560%	
50) Toluene-d8	10.565	98	315249	53.653	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.300%	
62) 4-Bromofluorobenzene	12.847	95	103557	42.719	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 85.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	391	Below Cal	#	41
16) Acetone	4.442	43	439	0.465	ug/l #	45
27) cis-1,2-Dichloroethene	7.489	96	8510	3.963	ug/l	86
31) Cyclohexane	8.224	56	4196	1.234	ug/l #	7
36) 1,1-Dichloropropene	8.224	75	14920	5.832	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18175	6.262	ug/l #	16
39) Methylcyclohexane	9.353	83	1238	0.425	ug/l #	7
44) Trichloroethene	9.353	130	76926	43.143	ug/l	96
51) 4-Methyl-2-Pentanone	10.571	43	1584	0.692	ug/l #	1
60) Dibromochloromethane	11.100	129	7588	3.856	ug/l #	10
64) Tetrachloroethene	11.106	164	7688	5.198	ug/l	93
76) 1,2,3-Trichloropropane	12.847	75	60132	33.051	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60132	86.563	ug/l #	9

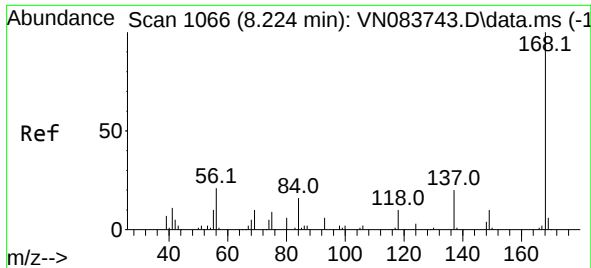
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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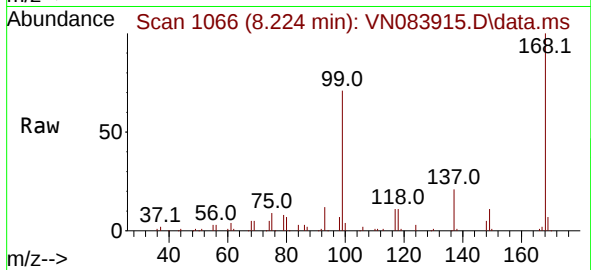
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



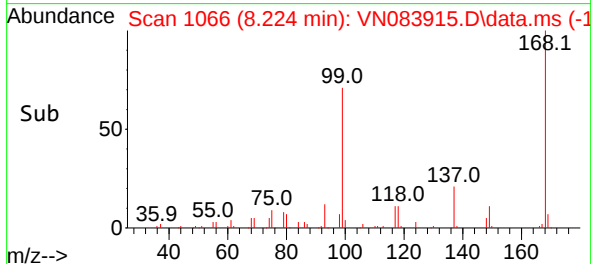
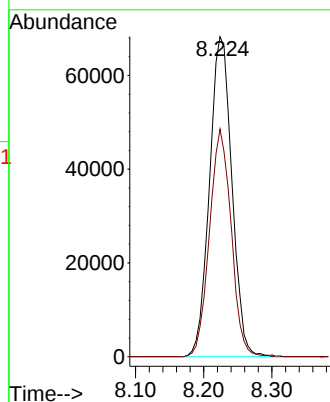


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :

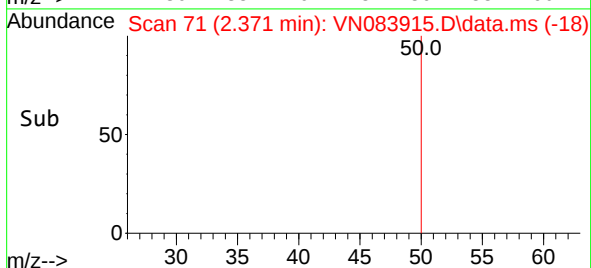
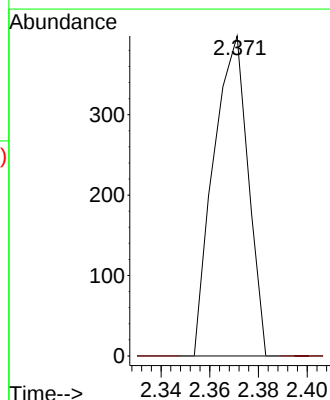
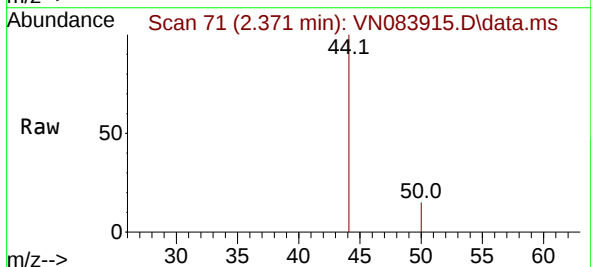


Tgt Ion:168 Resp: 156075
Ion Ratio Lower Upper
168 100
99 71.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

Tgt Ion: 50 Resp: 391
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

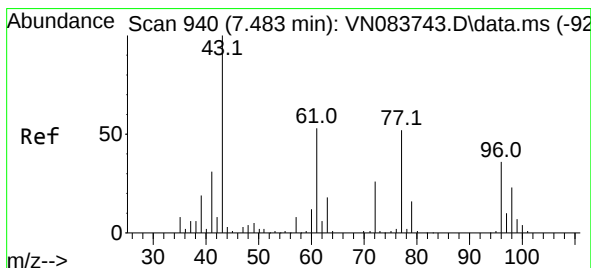
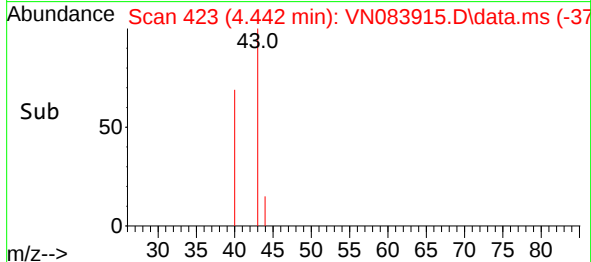
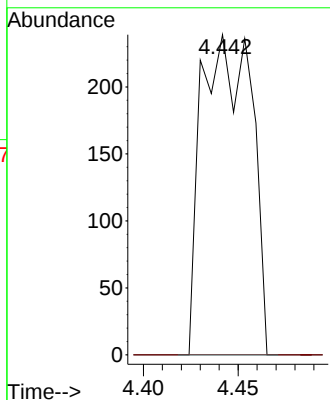
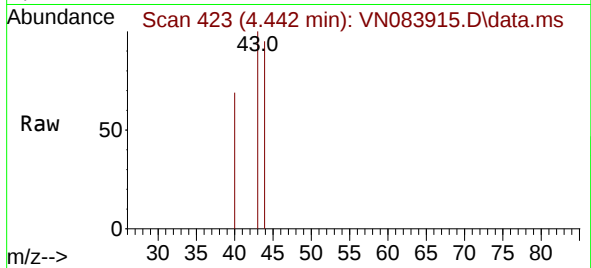




#16
Acetone
Concen: 0.465 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

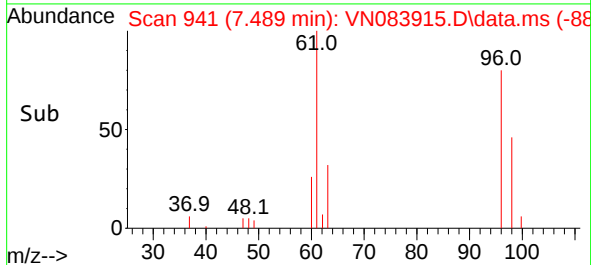
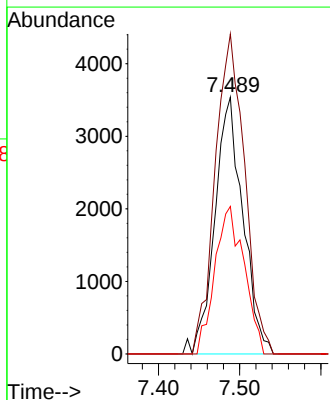
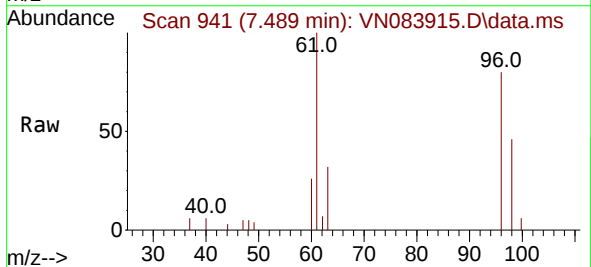
Instrument :
MSVOA_N
ClientSampleId :

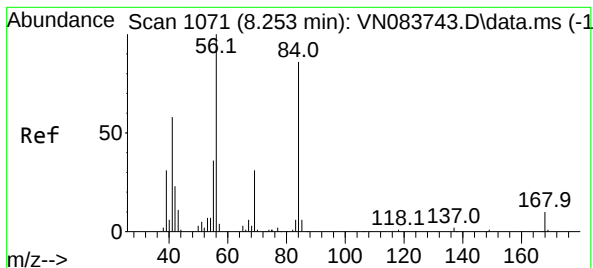
Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 3.963 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

Tgt Ion: 96 Resp: 8510
Ion Ratio Lower Upper
96 100
61 130.9 0.0 306.2
98 59.8 0.0 128.6





#31

Cyclohexane

Concen: 1.234 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

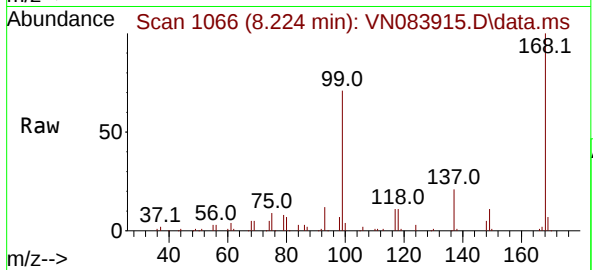
Lab File: VN083915.D

Acq: 16 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :



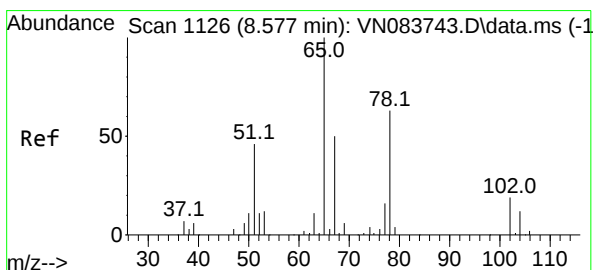
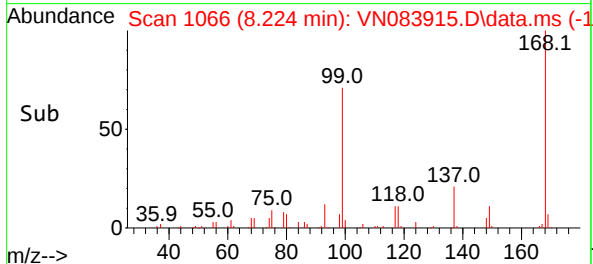
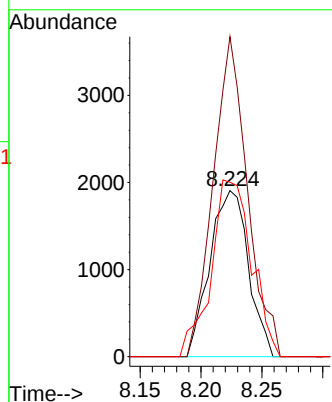
Tgt Ion: 56 Resp: 4196

Ion Ratio Lower Upper

56 100

69 192.7 26.9 40.3#

84 105.0 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 51.029 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083915.D

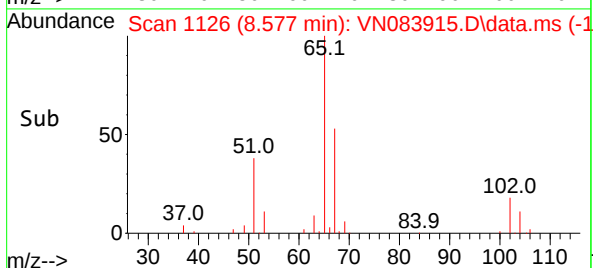
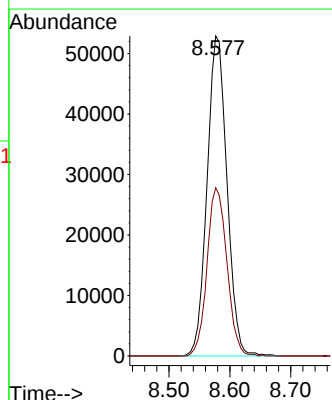
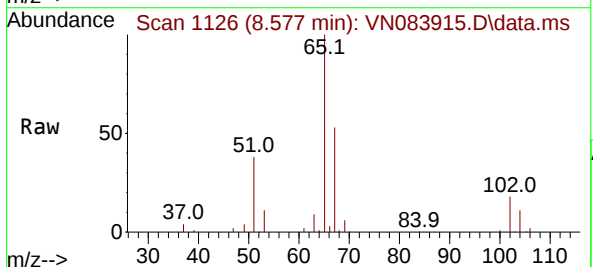
Acq: 16 Sep 2024 14:15

Tgt Ion: 65 Resp: 120090

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.8

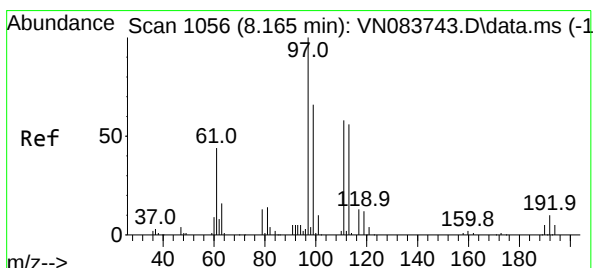
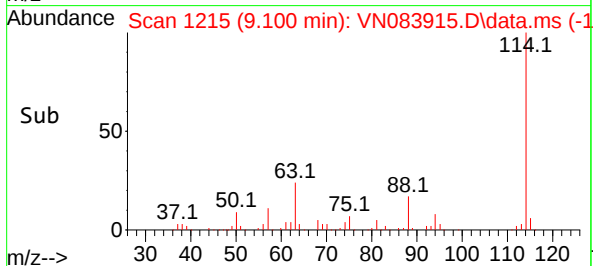
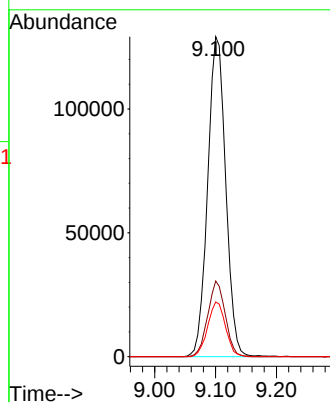
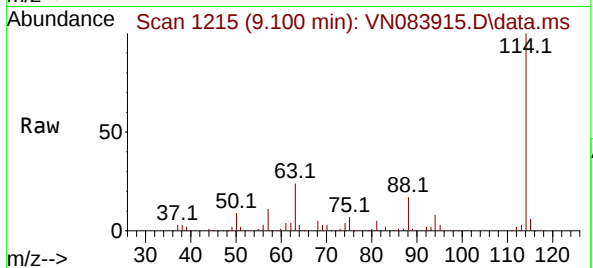




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

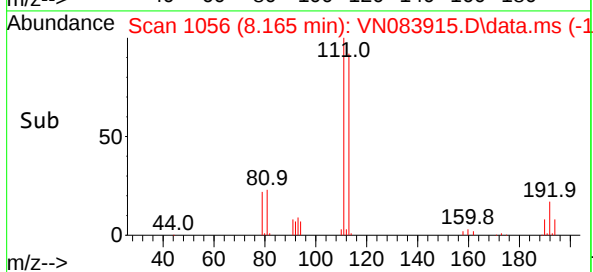
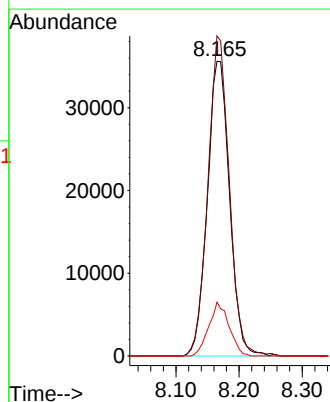
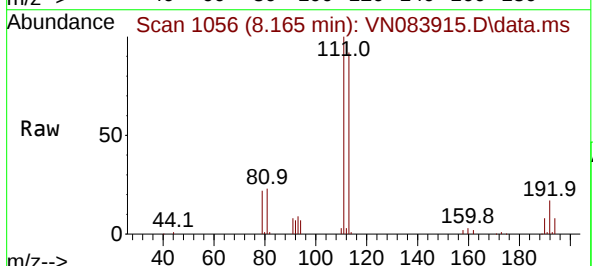
Instrument :
MSVOA_N
ClientSampleId :

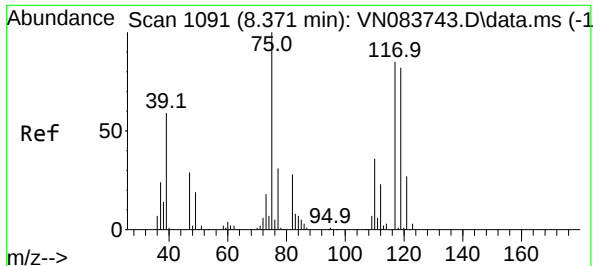
Tgt Ion:114 Resp: 265487
Ion Ratio Lower Upper
114 100
63 23.7 0.0 43.4
88 17.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.281 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

Tgt Ion:113 Resp: 87158
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 16.6 14.3 21.5

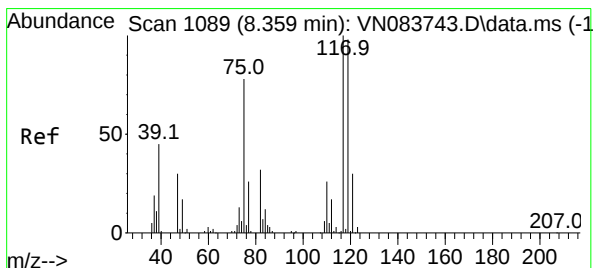
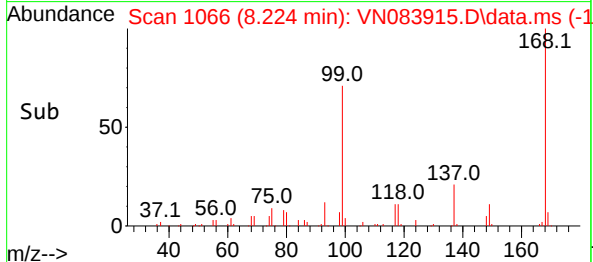
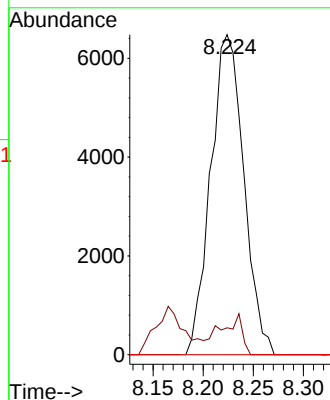
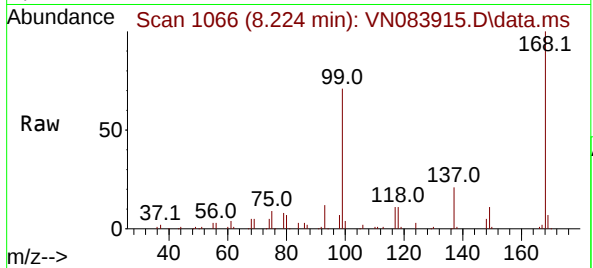




#36
1,1-Dichloropropene
Concen: 5.832 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

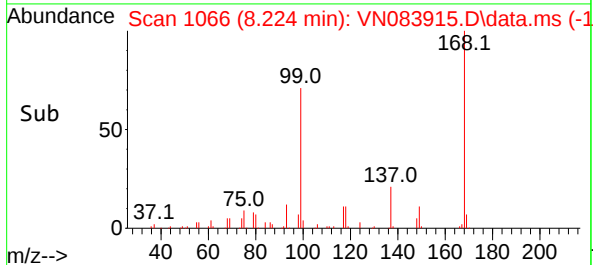
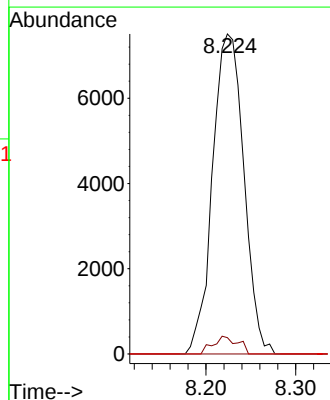
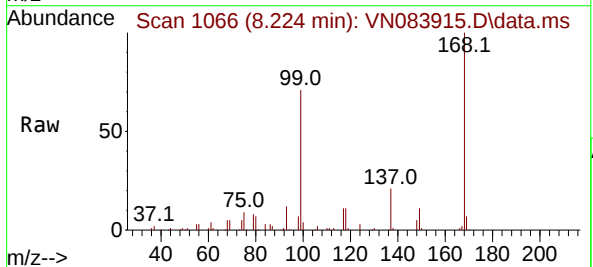
Instrument :
MSVOA_N
ClientSampleId :

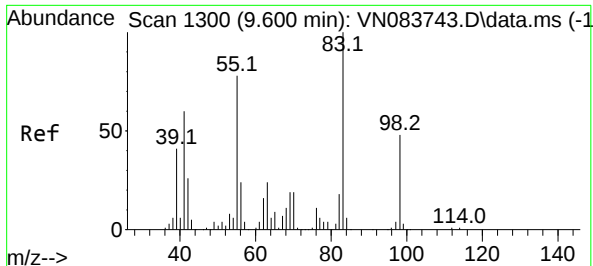
Tgt Ion: 75 Resp: 14920
Ion Ratio Lower Upper
75 100
110 8.4 16.7 50.1#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 6.262 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

Tgt Ion: 117 Resp: 18175
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 0.425 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.247 min

Lab File: VN083915.D

Acq: 16 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

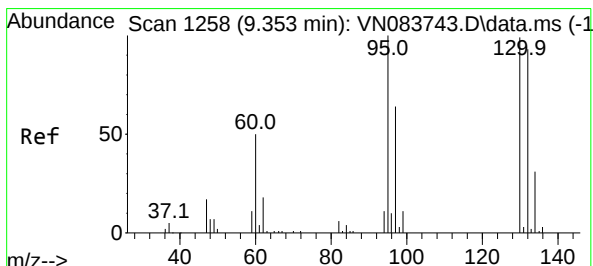
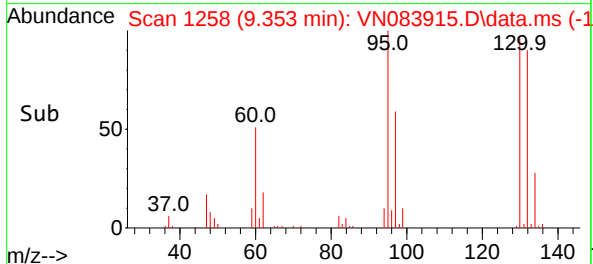
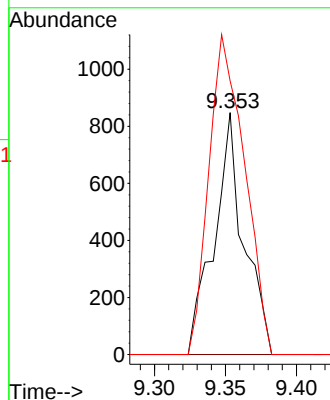
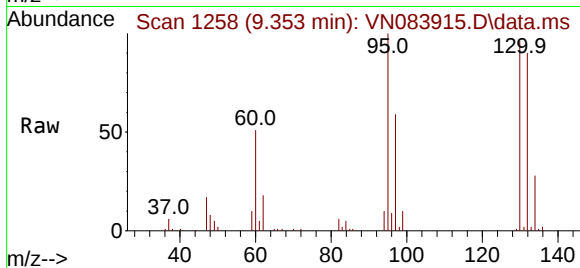
Tgt Ion: 83 Resp: 1238

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.4#

98 113.1 37.6 56.4#



#44

Trichloroethene

Concen: 43.143 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN083915.D

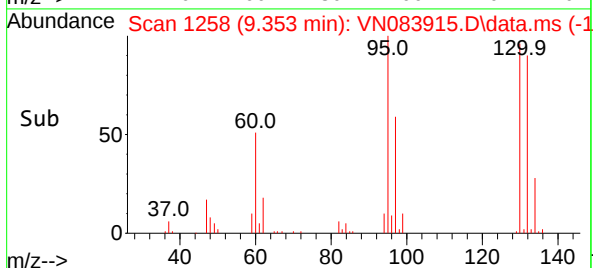
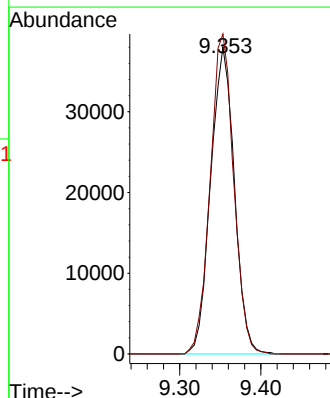
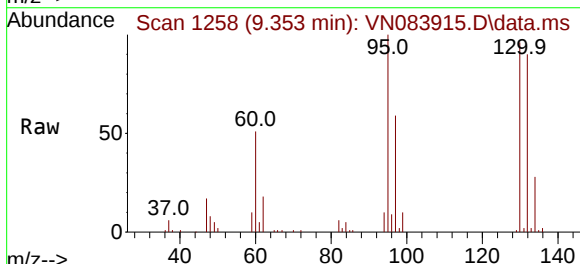
Acq: 16 Sep 2024 14:15

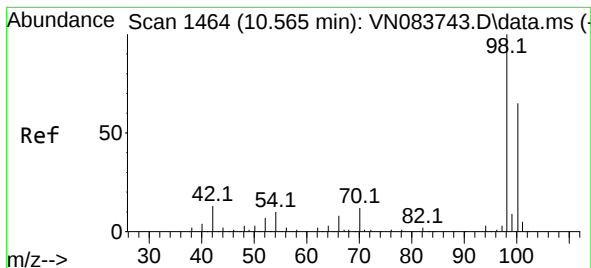
Tgt Ion:130 Resp: 76926

Ion Ratio Lower Upper

130 100

95 104.2 0.0 200.4





#50

Toluene-d8

Concen: 53.653 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083915.D

Acq: 16 Sep 2024 14:15

Instrument :

MSVOA_N

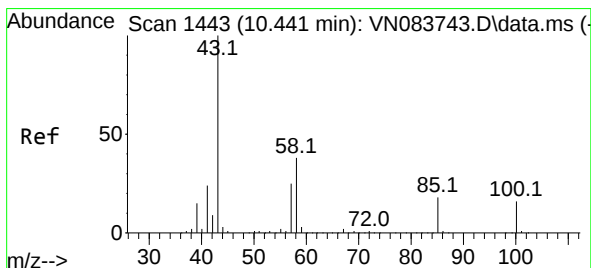
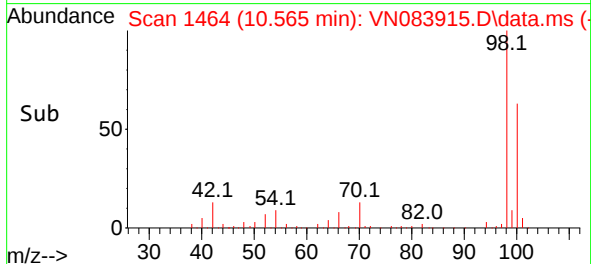
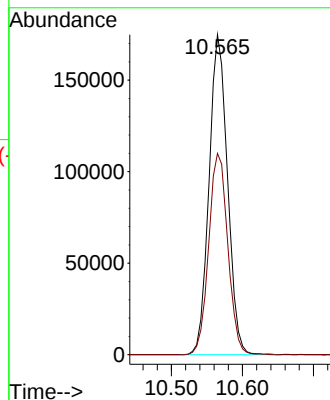
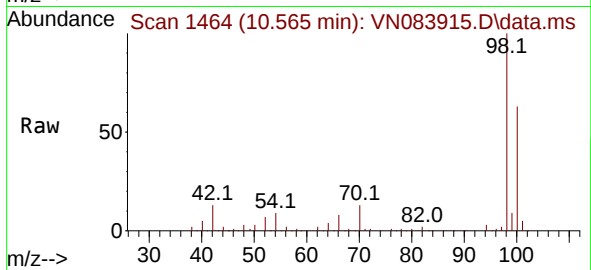
ClientSampleId :

Tgt Ion: 98 Resp: 315249

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.692 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.130 min

Lab File: VN083915.D

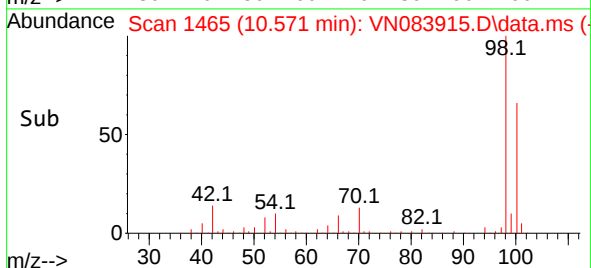
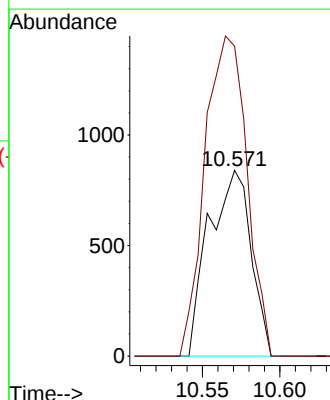
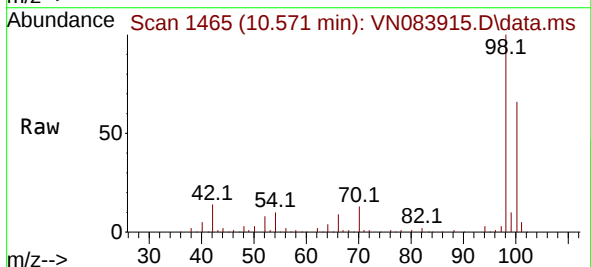
Acq: 16 Sep 2024 14:15

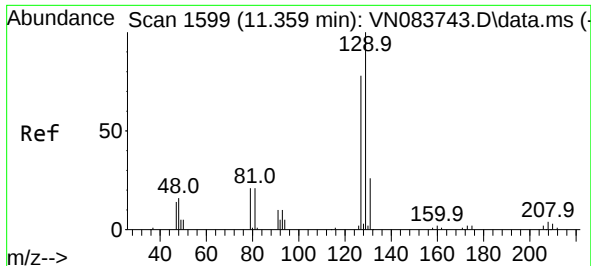
Tgt Ion: 43 Resp: 1584

Ion Ratio Lower Upper

43 100

58 172.0 31.6 47.4#

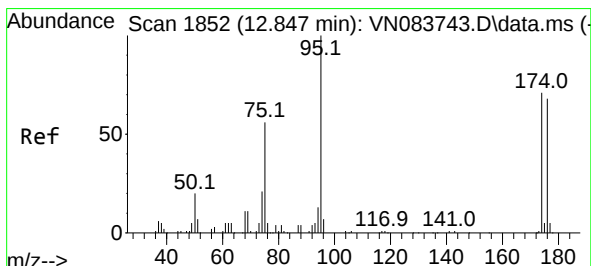
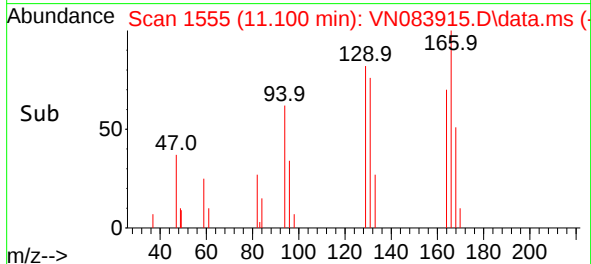
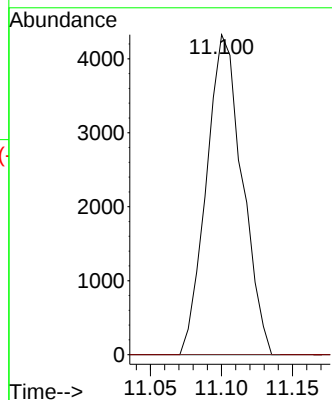
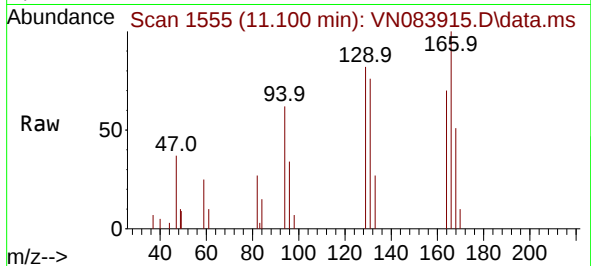




#60
Dibromochloromethane
Concen: 3.856 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

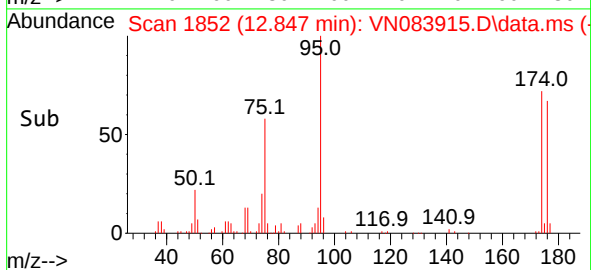
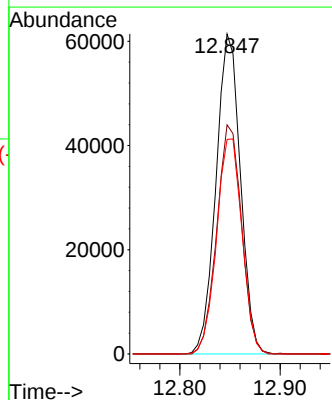
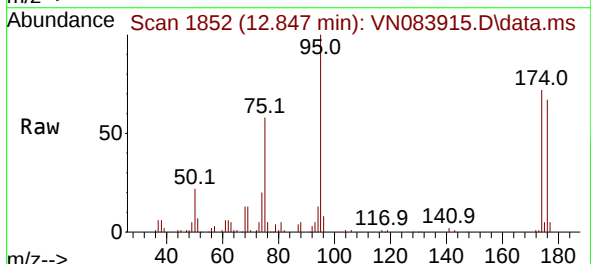
Instrument :
MSVOA_N
ClientSampleId :

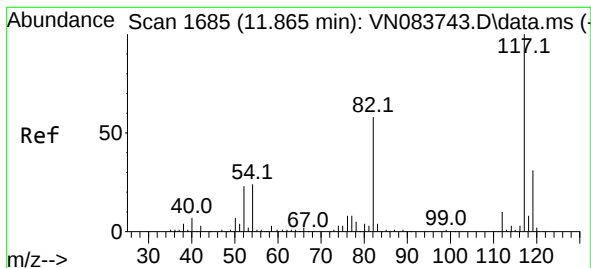
Tgt Ion:129 Resp: 7588
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 42.719 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

Tgt Ion: 95 Resp: 103557
Ion Ratio Lower Upper
95 100
174 72.9 0.0 139.8
176 70.2 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: VN083915.D

Acq: 16 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

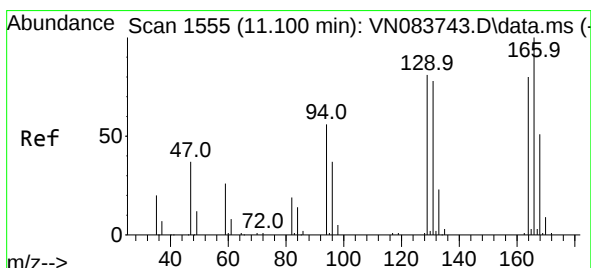
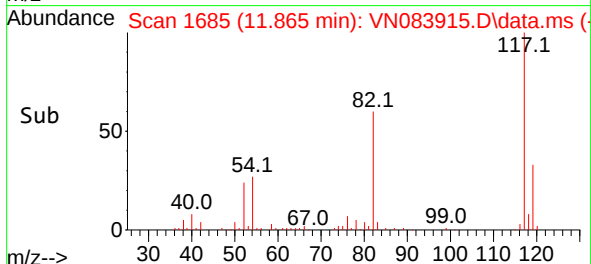
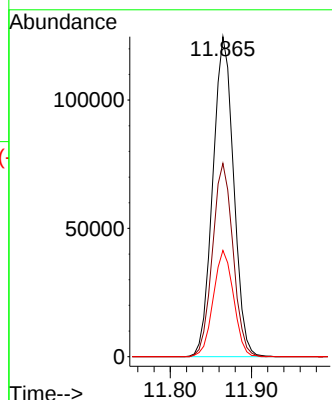
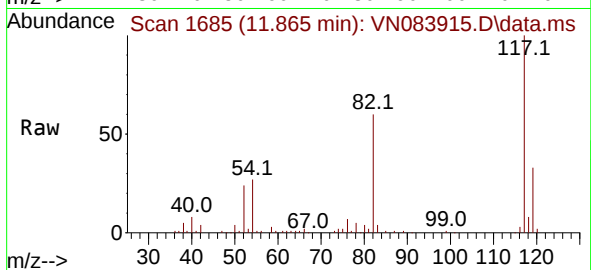
Tgt Ion:117 Resp: 222411

Ion Ratio Lower Upper

117 100

82 60.4 47.4 71.0

119 33.2 26.3 39.5



#64

Tetrachloroethene

Concen: 5.198 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN083915.D

Acq: 16 Sep 2024 14:15

Tgt Ion:164 Resp: 7688

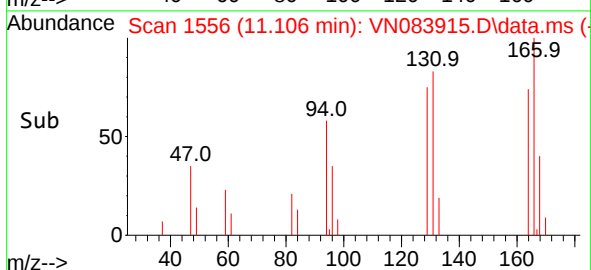
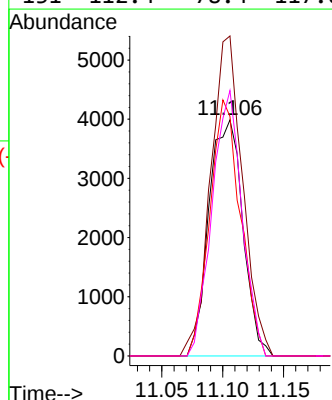
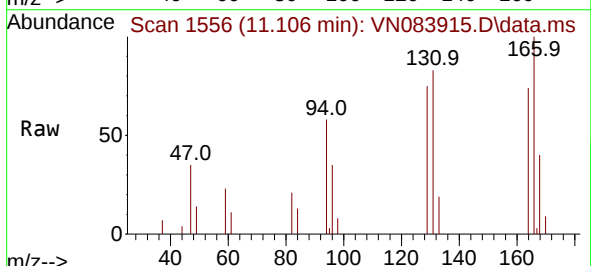
Ion Ratio Lower Upper

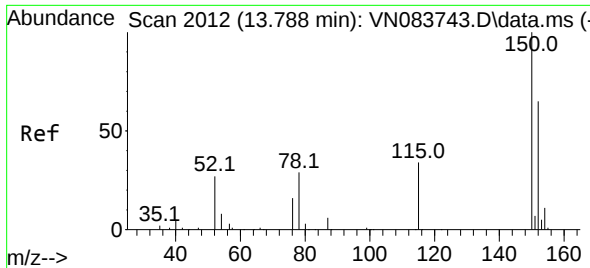
164 100

166 135.6 103.7 155.5

129 101.5 79.9 119.9

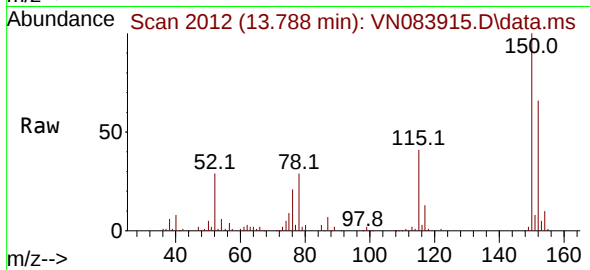
131 112.4 78.4 117.6



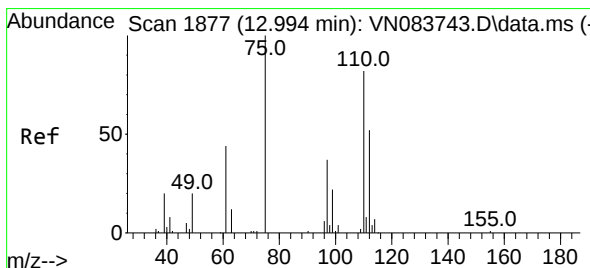
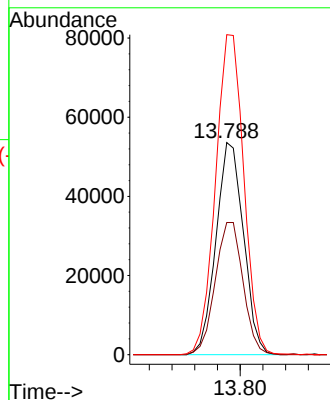
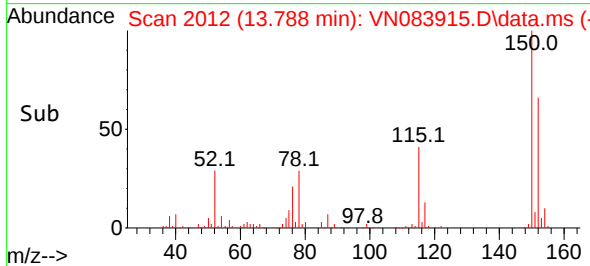


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083915.D
 Acq: 16 Sep 2024 14:15

Instrument :
 MSVOA_N
 ClientSampleId :

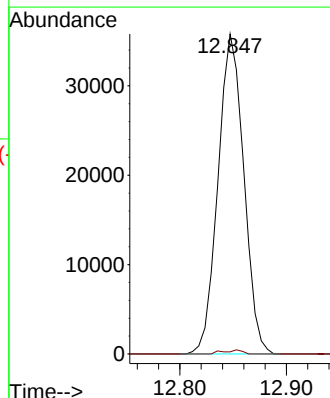
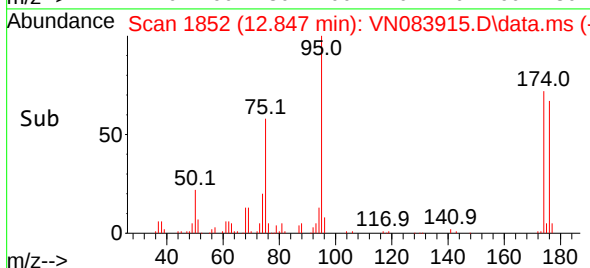
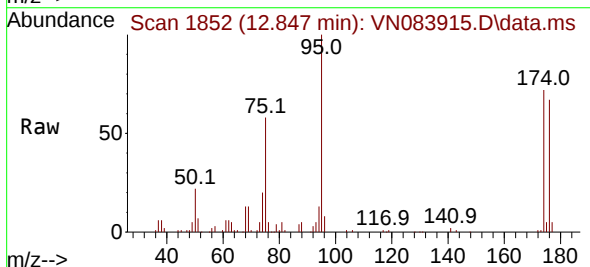


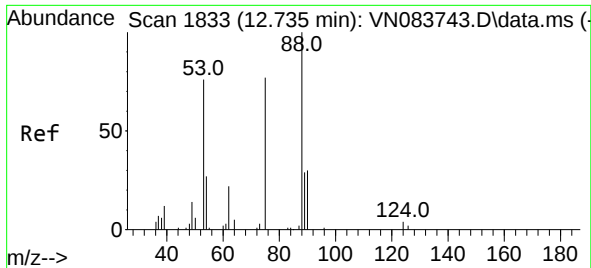
Tgt Ion:152 Resp: 90166
 Ion Ratio Lower Upper
 152 100
 115 63.0 32.2 96.6
 150 155.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 33.051 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083915.D
 Acq: 16 Sep 2024 14:15

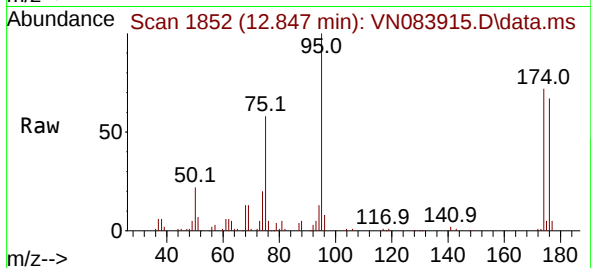
Tgt Ion: 75 Resp: 60132
 Ion Ratio Lower Upper
 75 100
 77 0.9 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.563 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083915.D
Acq: 16 Sep 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 60132
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

