

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084150.D
 Acq On : 25 Sep 2024 10:47
 Operator : JC\MD
 Sample : VN0925MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 26 01:31:12 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)

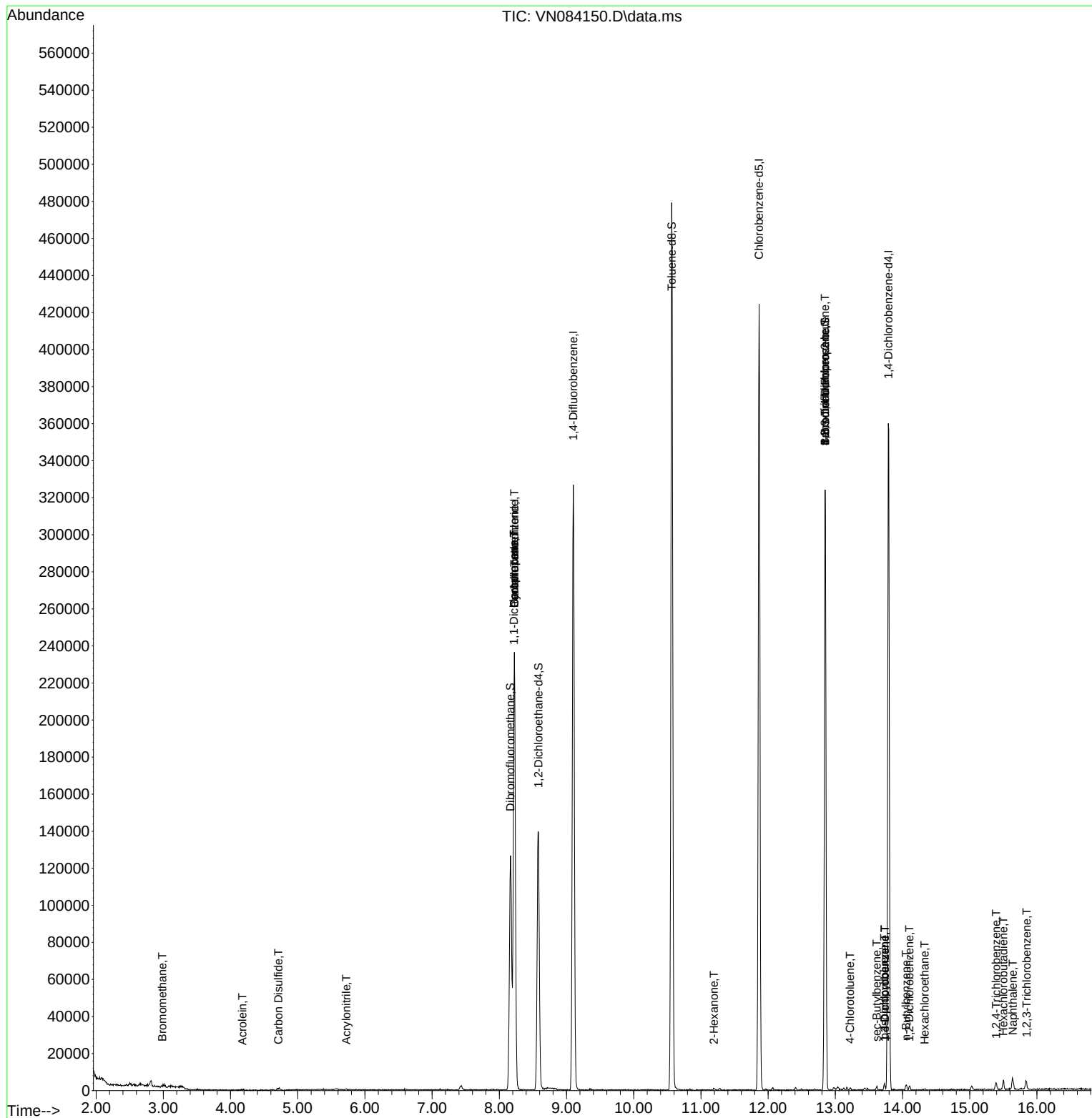
Internal Standards						
1) Pentafluorobenzene	8.224	168	158728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120707	50.433	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.860%	
35) Dibromofluoromethane	8.165	113	90725	51.703	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.400%	
50) Toluene-d8	10.565	98	329902	54.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.847	95	113423	45.319	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	359	Below Cal	#	41
5) Bromomethane	2.983	94	529	0.456	ug/l #	78
13) Acrolein	4.177	56	283	0.895	ug/l #	59
15) Acrylonitrile	5.724	53	443	0.508	ug/l #	68
17) Carbon Disulfide	4.712	76	1429	0.298	ug/l #	75
31) Cyclohexane	8.224	56	4101	1.186	ug/l #	2
36) 1,1-Dichloropropene	8.218	75	14470	5.479	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18247	6.090	ug/l #	15
59) 2-Hexanone	11.194	43	614	0.351	ug/l	94
71) Bromoform	12.847	173	529	0.440	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	62448	33.089	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62448	86.663	ug/l #	9
82) 4-Chlorotoluene	13.218	91	1171	0.217	ug/l	97
85) sec-Butylbenzene	13.618	105	1630	0.230	ug/l	96
86) p-Isopropyltoluene	13.729	119	1273	0.215	ug/l #	75
87) 1,3-Dichlorobenzene	13.735	146	1079	0.328	ug/l	80
88) 1,4-Dichlorobenzene	13.735	146	1079	0.324	ug/l	80
89) n-Butylbenzene	14.053	91	2048	0.384	ug/l	95
90) Hexachloroethane	14.329	117	348	0.292	ug/l #	38
91) 1,2-Dichlorobenzene	14.100	146	985	0.310	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	1578	0.927	ug/l	95
94) Hexachlorobutadiene	15.500	225	894	1.237	ug/l	75
95) Naphthalene	15.641	128	6737	1.301	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.847	180	2086	1.282	ug/l	96

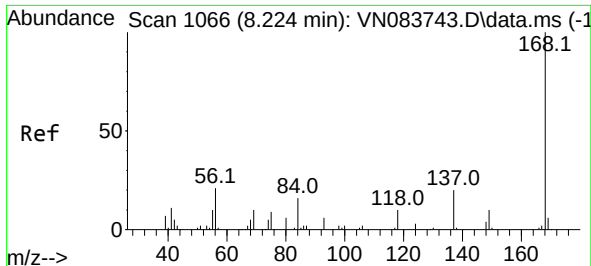
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
Data File : VN084150.D
Acq On : 25 Sep 2024 10:47
Operator : JC\MD
Sample : VN0925MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

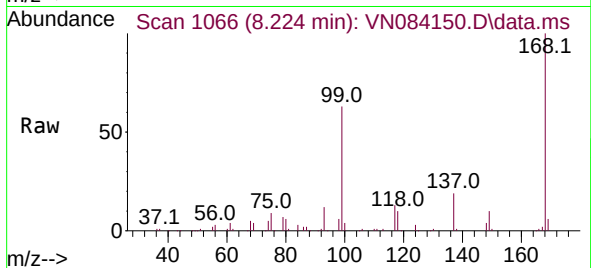
Quant Time: Sep 26 01:31:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



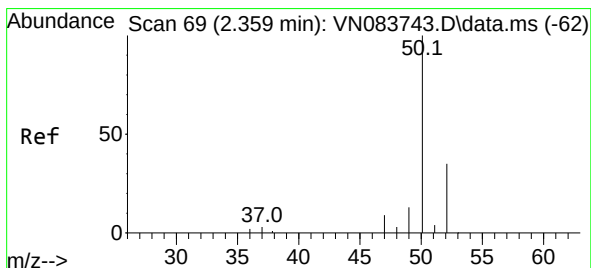
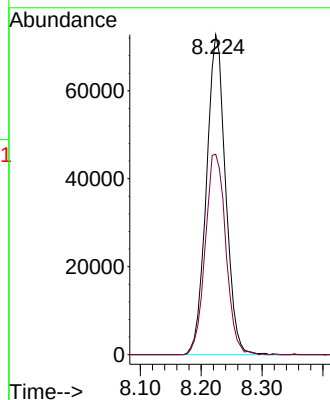
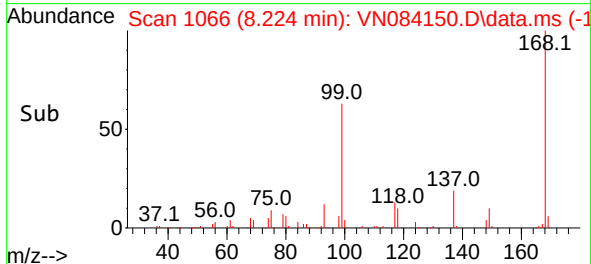


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

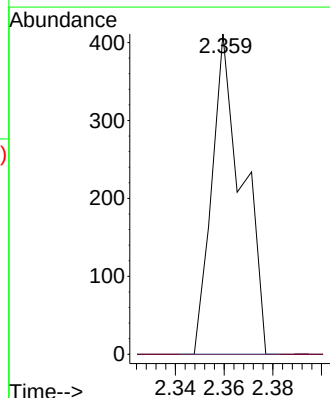
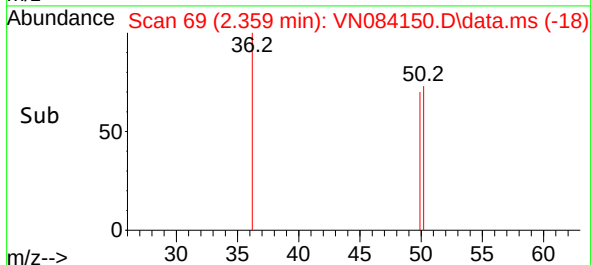
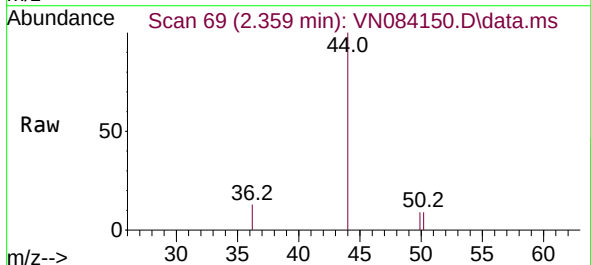


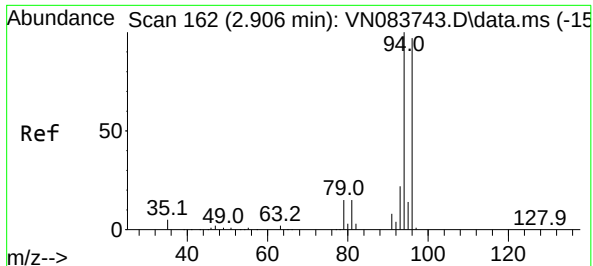
Tgt Ion:168 Resp: 158728
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

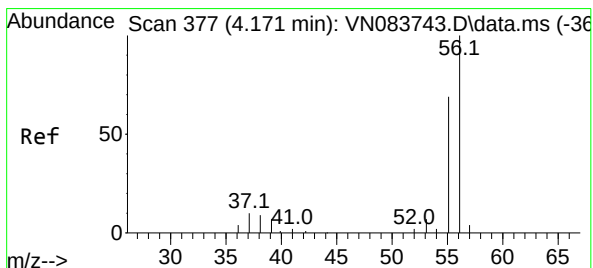
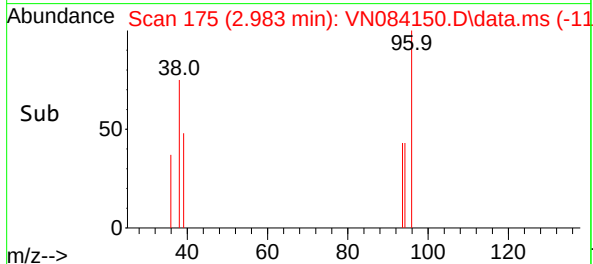
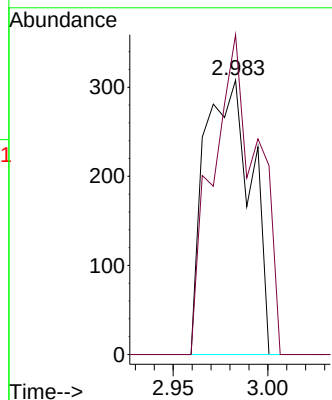
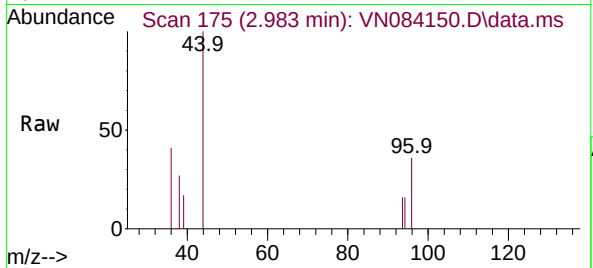




#5
Bromomethane
Concen: 0.456 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.077 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

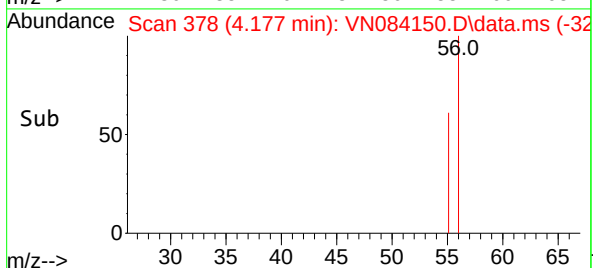
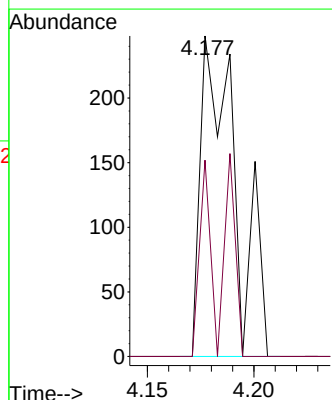
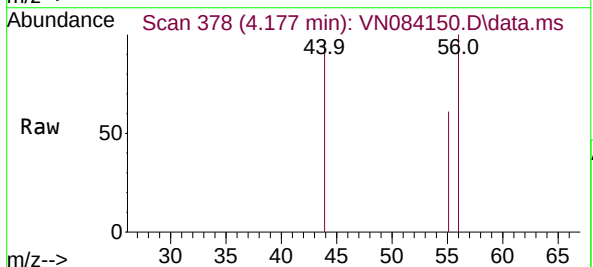
Instrument :
MSVOA_N
ClientSampleId :

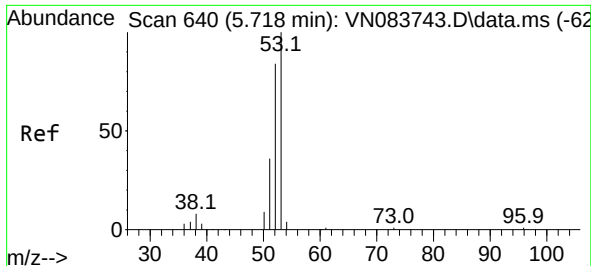
Tgt Ion: 94 Resp: 529
Ion Ratio Lower Upper
94 100
96 116.6 76.0 114.0#



#13
Acrolein
Concen: 0.895 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Tgt Ion: 56 Resp: 283
Ion Ratio Lower Upper
56 100
55 38.5 58.2 87.2#





#15

Acrylonitrile

Concen: 0.508 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

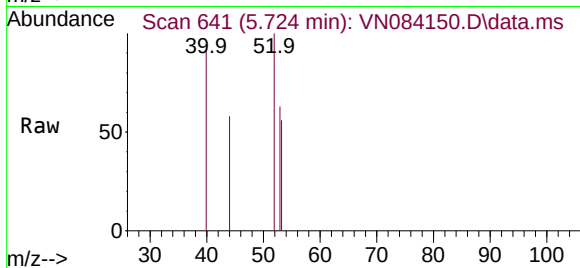
Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

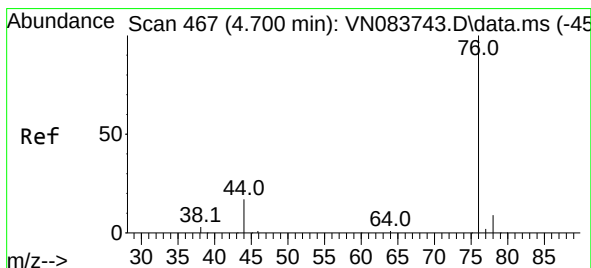
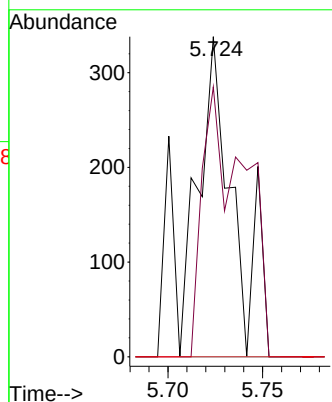
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 53	Resp: 443
Ion Ratio	Lower Upper
53	100
52	99.5 66.1 99.1#
51	0.0 29.6 44.4#



#17

Carbon Disulfide

Concen: 0.298 ug/l

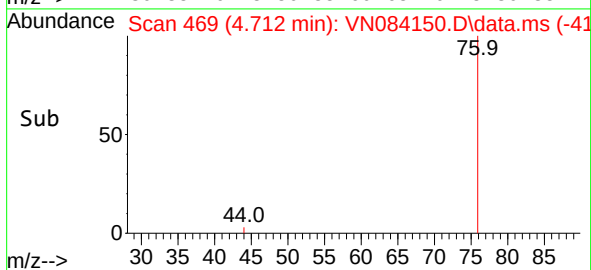
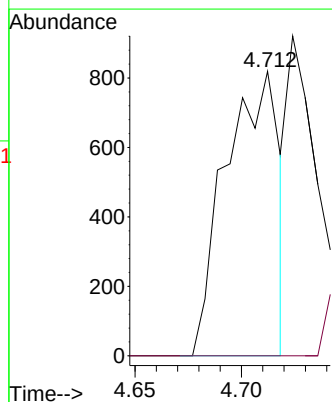
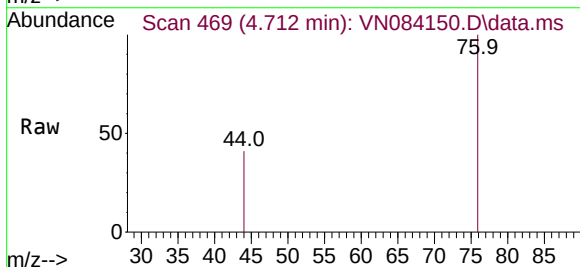
RT: 4.712 min Scan# 469

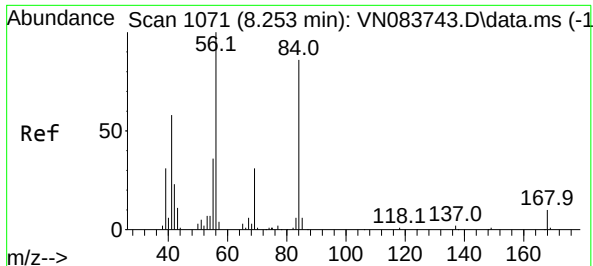
Delta R.T. 0.012 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

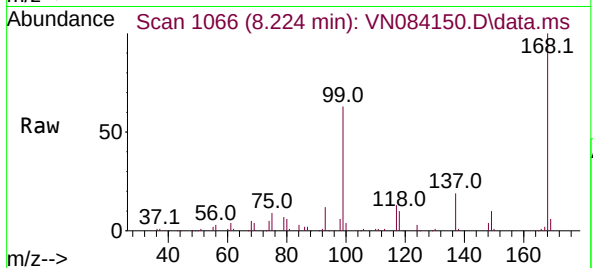
Tgt Ion: 76	Resp: 1429
Ion Ratio	Lower Upper
76	100
78	0.0 7.1 10.7#



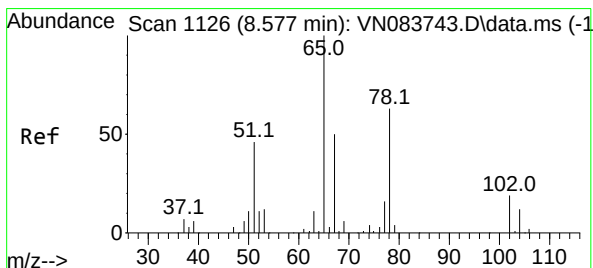
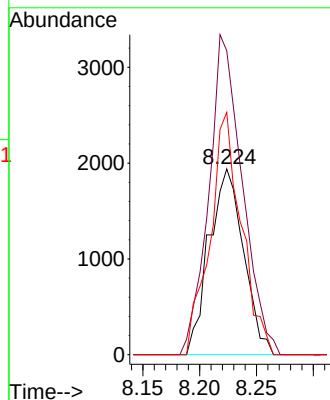
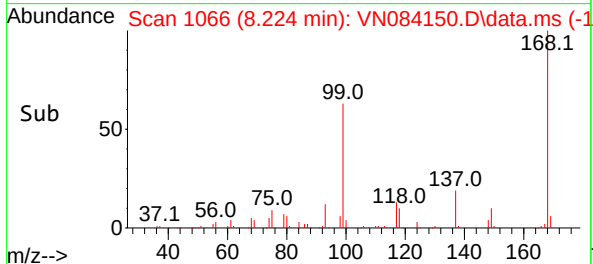


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

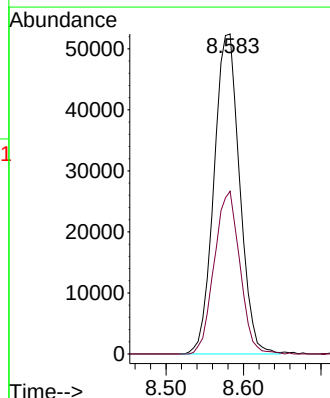
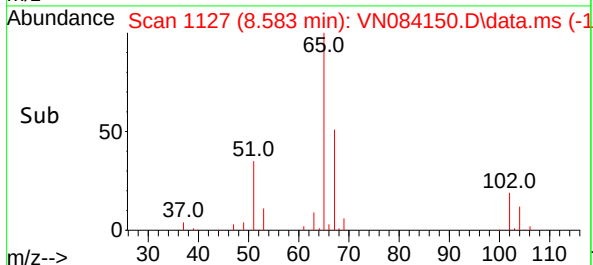
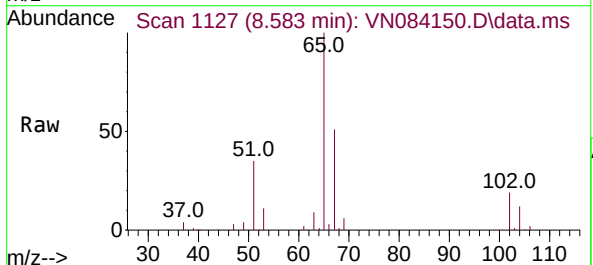


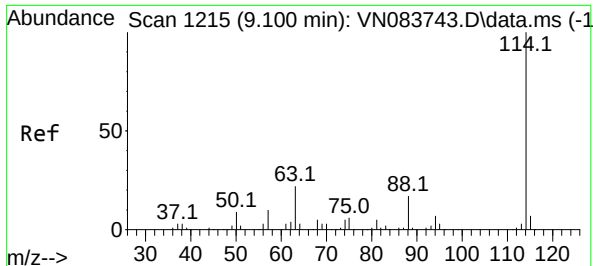
Tgt Ion: 56 Resp: 4101
Ion Ratio Lower Upper
56 100
69 163.5 26.9 40.3#
84 130.5 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 50.433 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Tgt Ion: 65 Resp: 120707
Ion Ratio Lower Upper
65 100
67 50.7 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: VN084150.D

Acq: 25 Sep 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

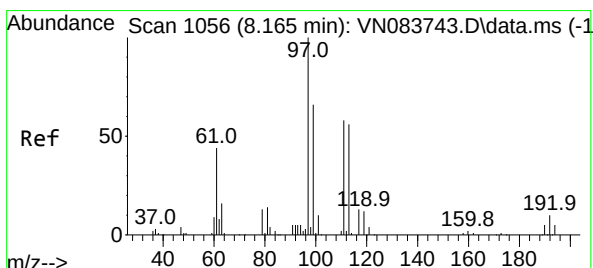
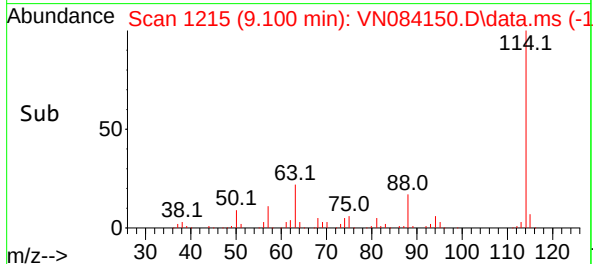
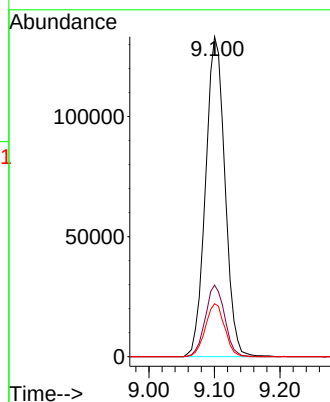
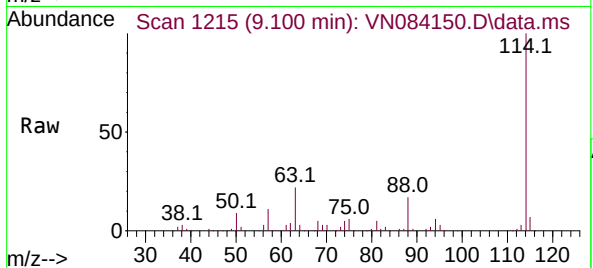
Tgt Ion:114 Resp: 274097

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.703 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

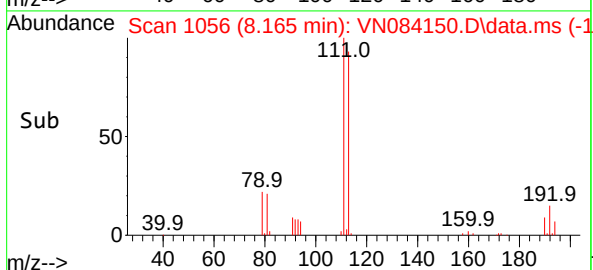
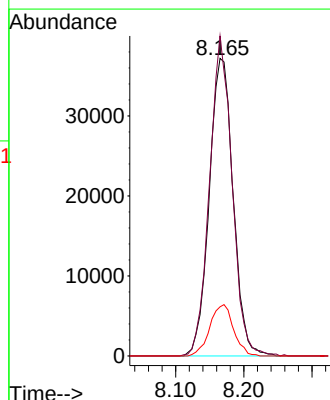
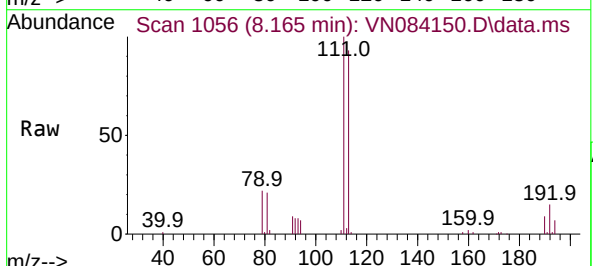
Tgt Ion:113 Resp: 90725

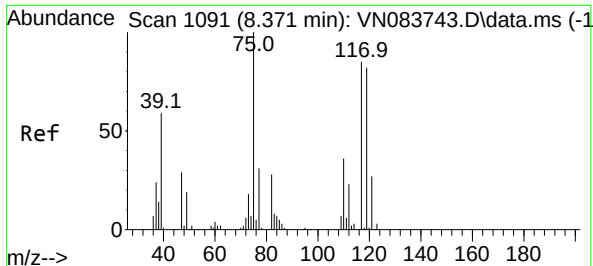
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 17.1 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.479 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

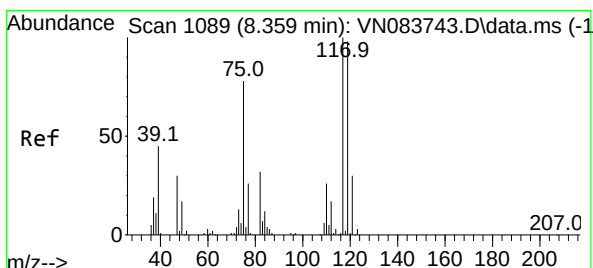
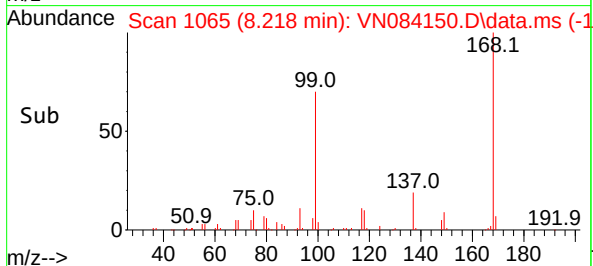
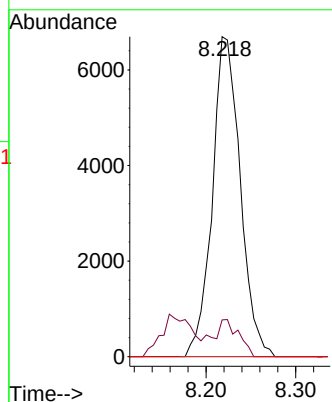
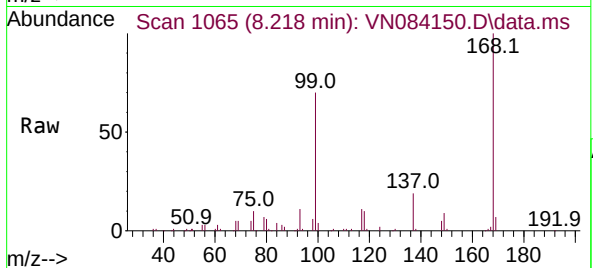
Tgt Ion: 75 Resp: 14470

Ion Ratio Lower Upper

75 100

110 8.5 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.090 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

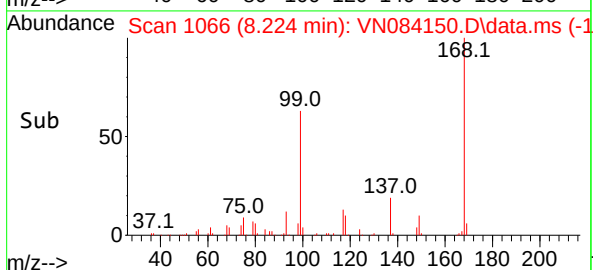
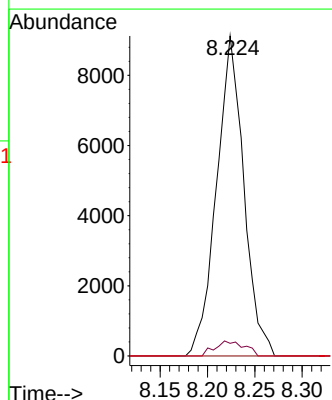
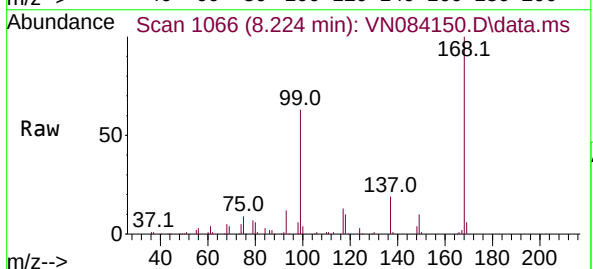
Tgt Ion: 117 Resp: 18247

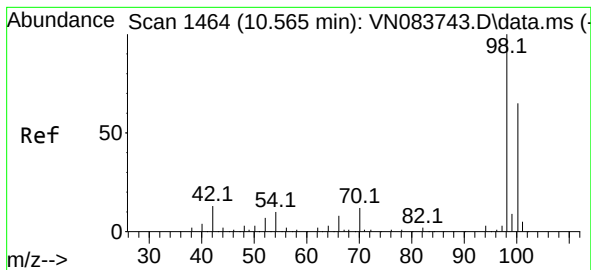
Ion Ratio Lower Upper

117 100

119 4.0 76.1 114.1#

121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 54.384 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

Instrument :

MSVOA_N

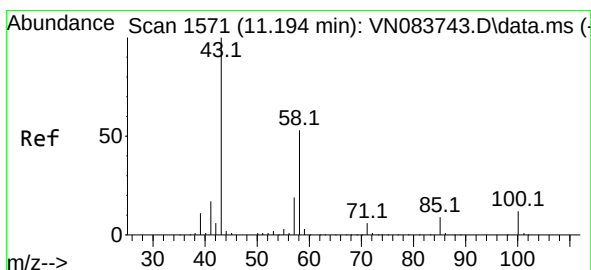
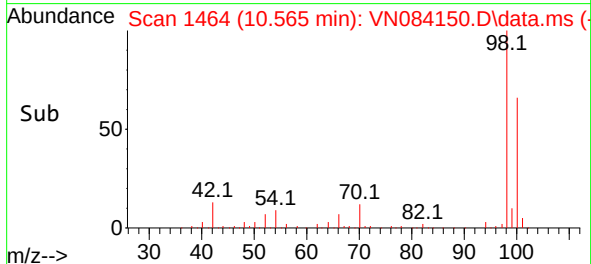
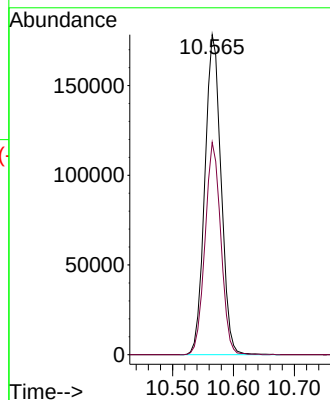
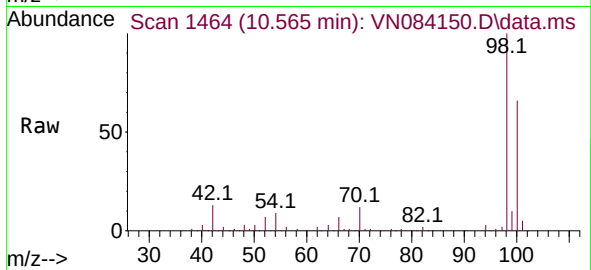
ClientSampleId :

Tgt Ion: 98 Resp: 329902

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#59

2-Hexanone

Concen: 0.351 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN084150.D

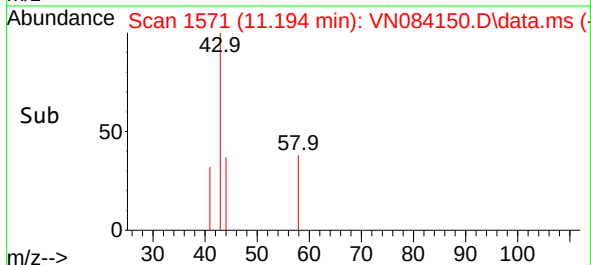
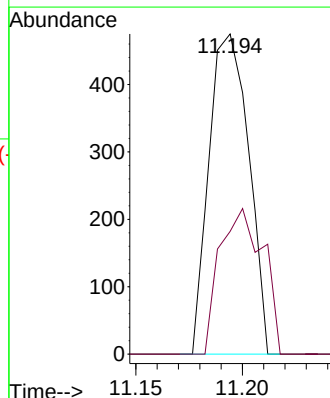
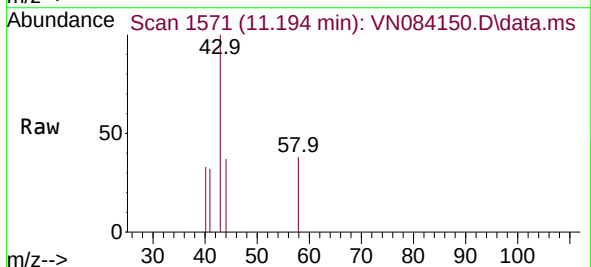
Acq: 25 Sep 2024 10:47

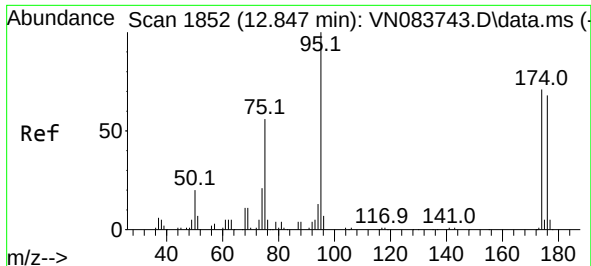
Tgt Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

58 49.8 27.2 81.5

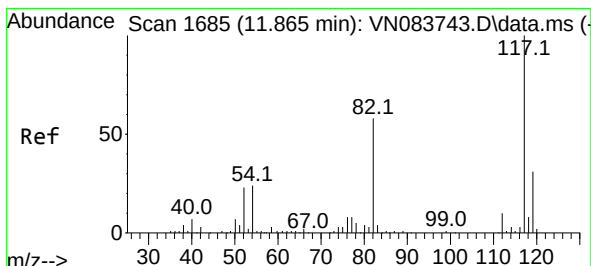
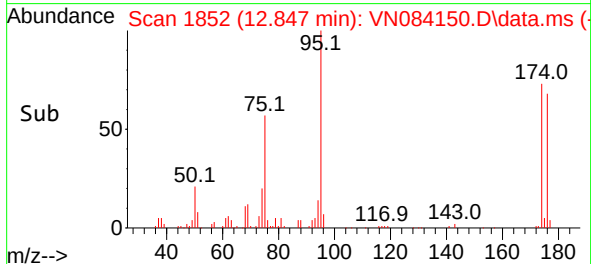
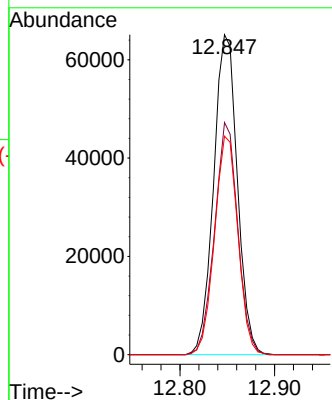
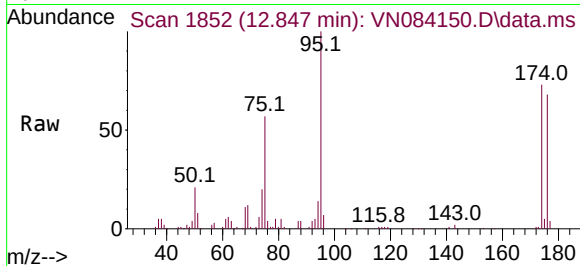




#62
4-Bromofluorobenzene
Concen: 45.319 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

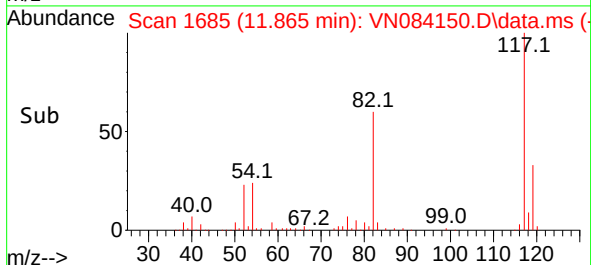
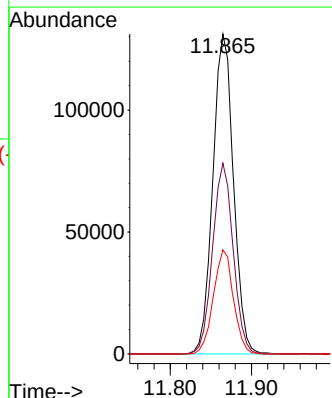
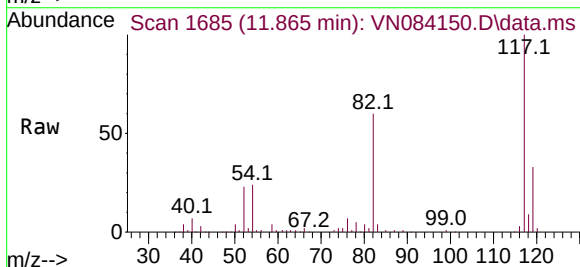
Instrument :
MSVOA_N
ClientSampleId :

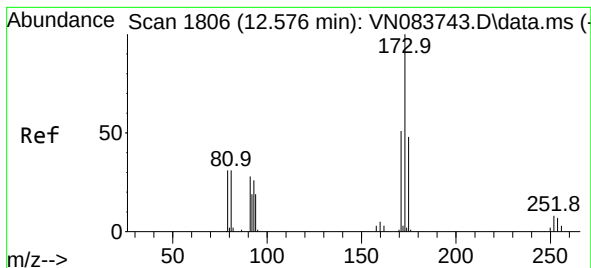
Tgt Ion: 95 Resp: 113423
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.8
176 67.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Tgt Ion: 117 Resp: 231707
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.0
119 32.6 26.3 39.5





#71

Bromoform

Concen: 0.440 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

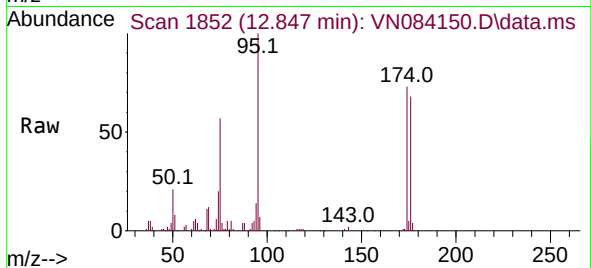
Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

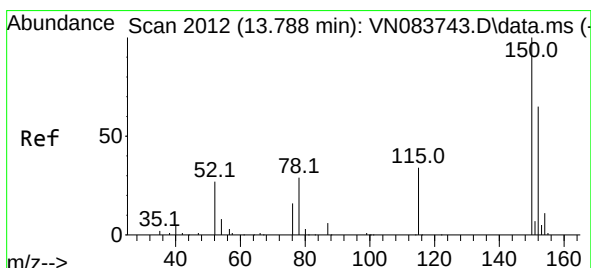
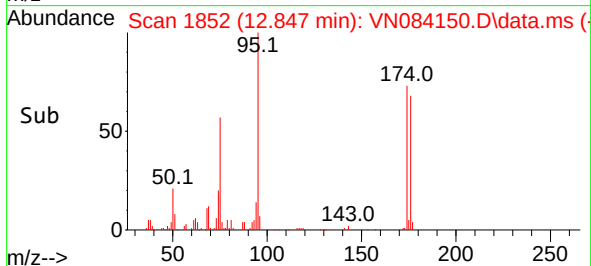
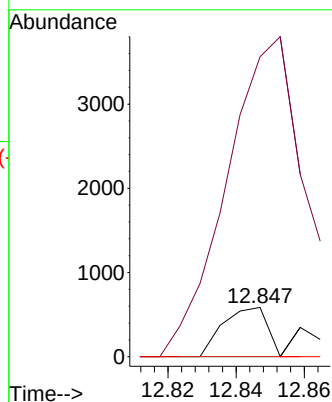
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	529
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

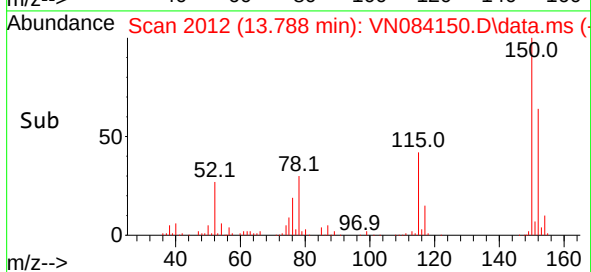
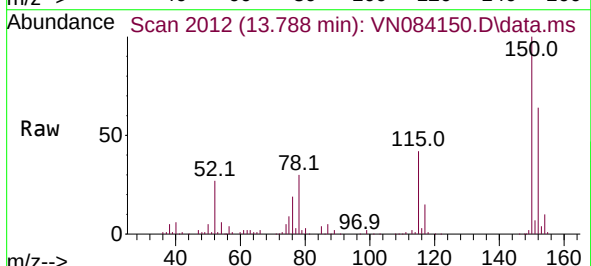
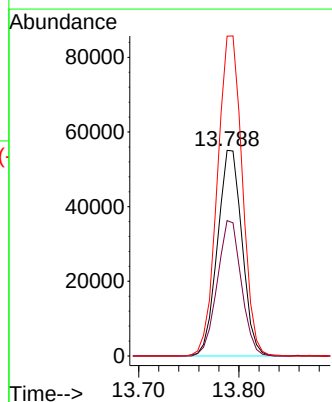
RT: 13.788 min Scan# 2012

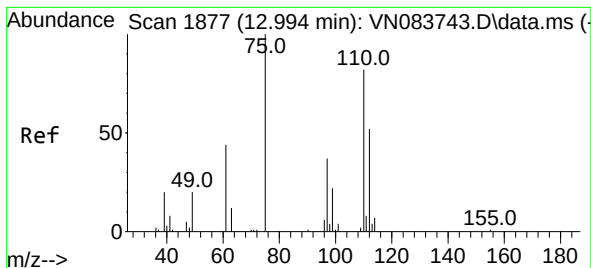
Delta R.T. 0.000 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

Tgt Ion:	152	Resp:	93531
Ion Ratio	Lower	Upper	
152	100		
115	64.6	32.2	96.6
150	157.9	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 33.089 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

Instrument :

MSVOA_N

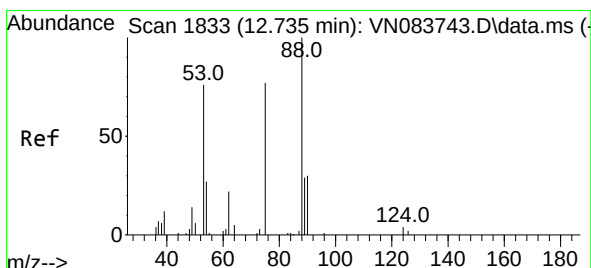
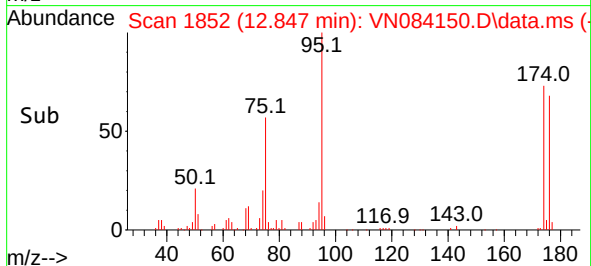
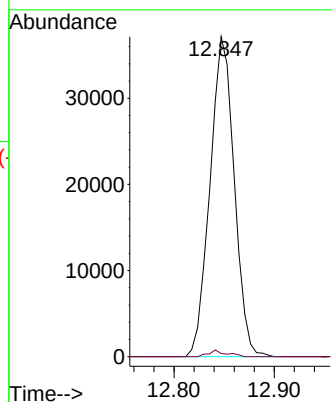
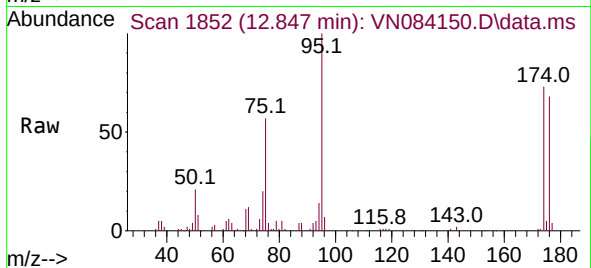
ClientSampleId :

Tgt Ion: 75 Resp: 62448

Ion Ratio Lower Upper

75 100

77 1.5 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.663 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

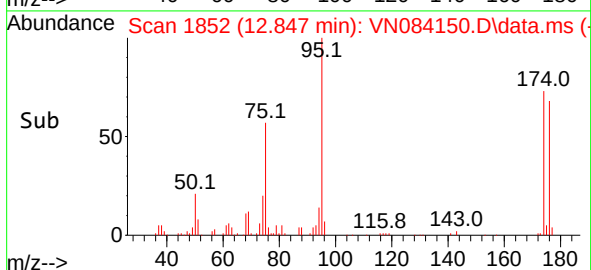
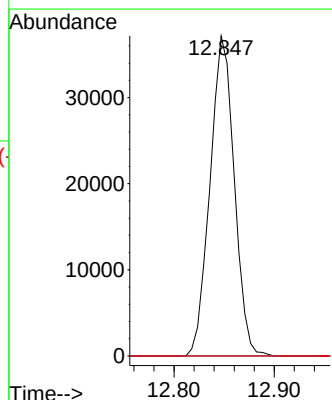
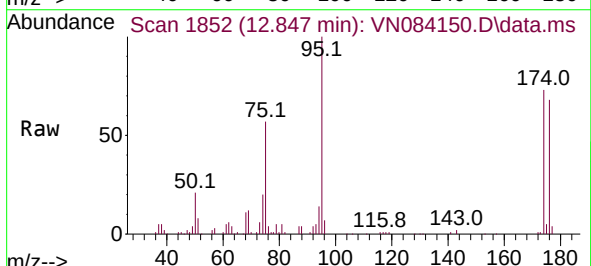
Tgt Ion: 75 Resp: 62448

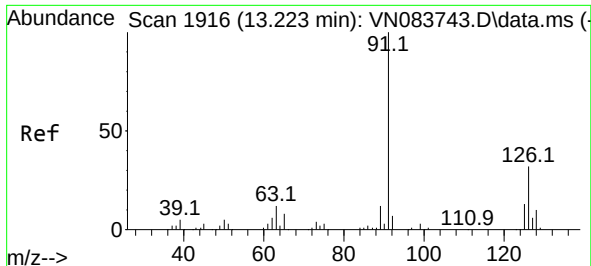
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

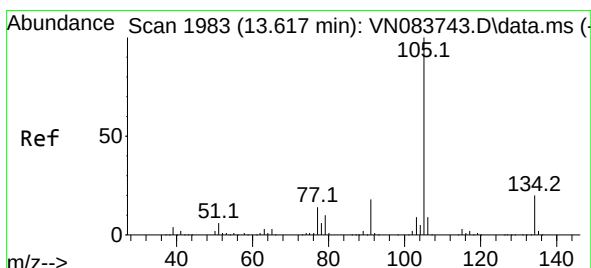
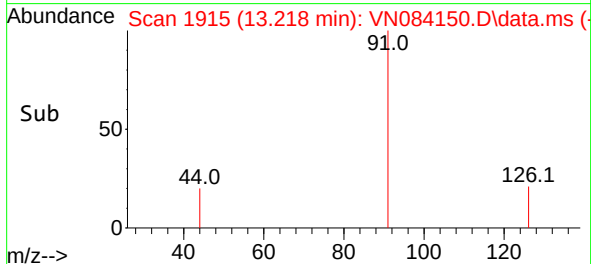
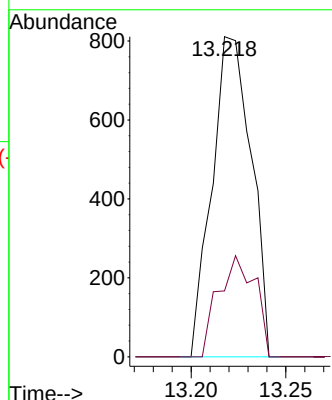
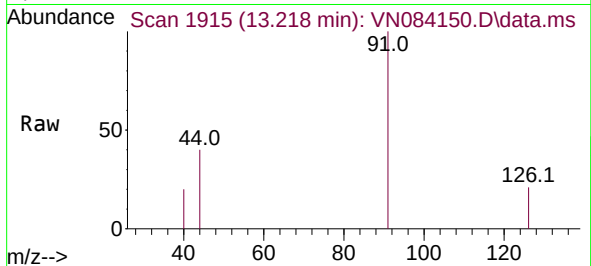




#82
4-Chlorotoluene
Concen: 0.217 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

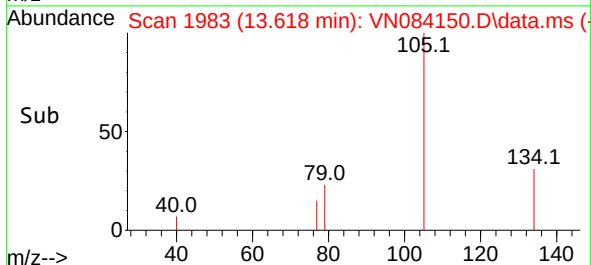
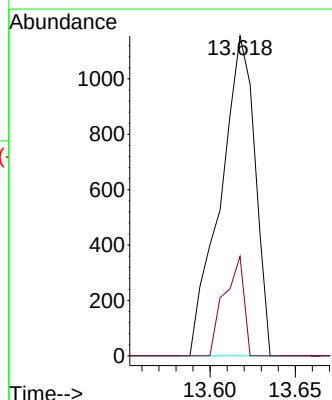
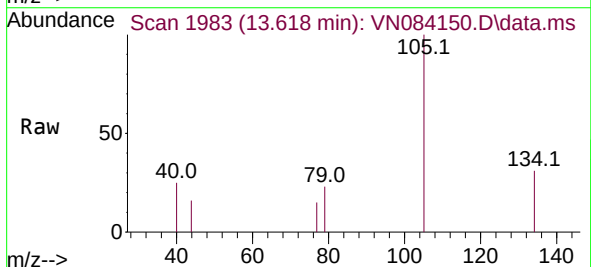
Instrument :
MSVOA_N
ClientSampleId :

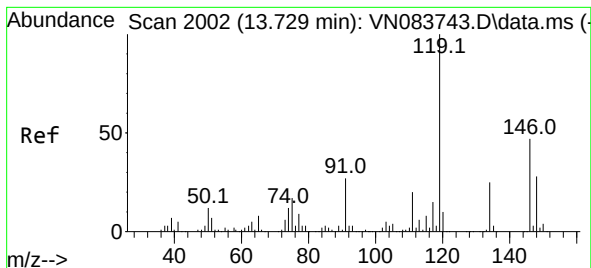
Tgt Ion: 91 Resp: 1171
Ion Ratio Lower Upper
91 100
126 29.4 15.4 46.2



#85
sec-Butylbenzene
Concen: 0.230 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

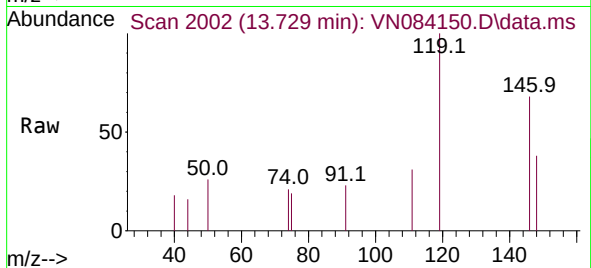
Tgt Ion: 105 Resp: 1630
Ion Ratio Lower Upper
105 100
134 17.5 9.7 29.1



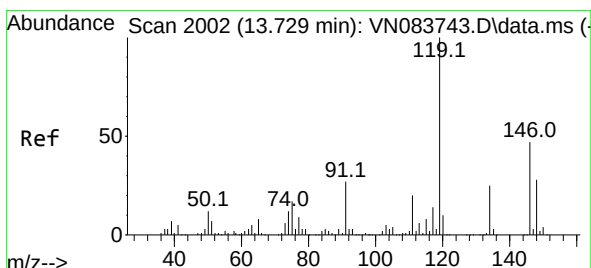
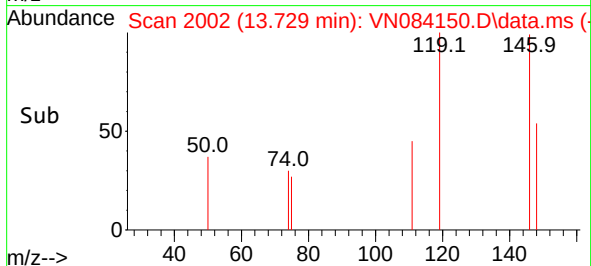
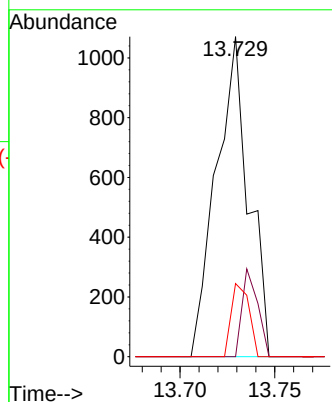


#86
p-Isopropyltoluene
Concen: 0.215 ug/l
RT: 13.729 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

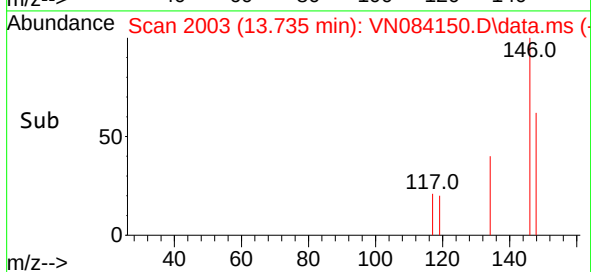
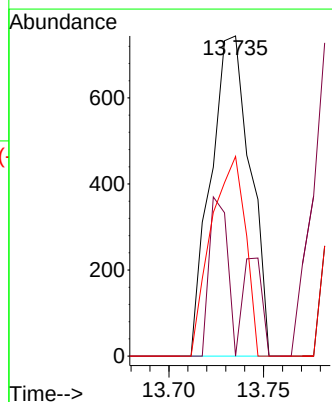
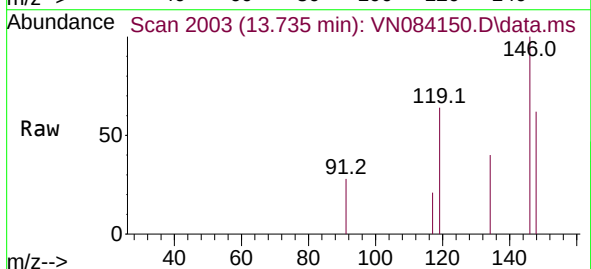


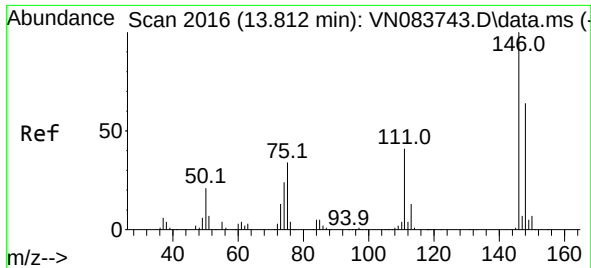
Tgt Ion:119 Resp: 1273
Ion Ratio Lower Upper
119 100
134 13.1 12.8 38.3
91 12.5 12.9 38.7#



#87
1,3-Dichlorobenzene
Concen: 0.328 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Tgt Ion:146 Resp: 1079
Ion Ratio Lower Upper
146 100
111 23.0 21.7 65.1
148 54.3 31.7 95.1

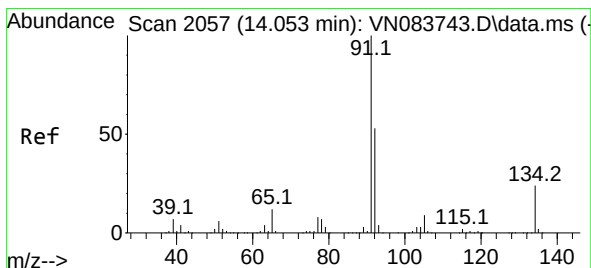
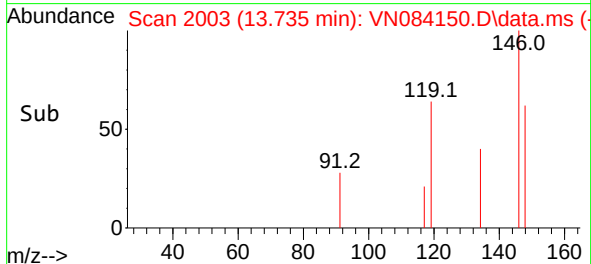
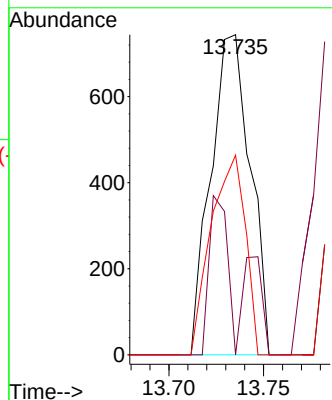
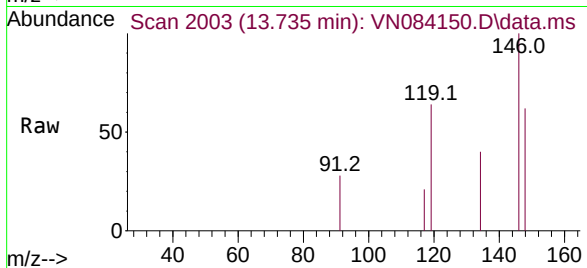




#88
1,4-Dichlorobenzene
Concen: 0.324 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.076 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

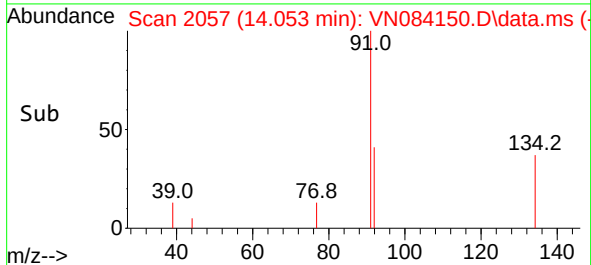
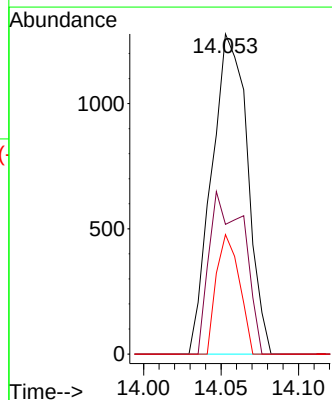
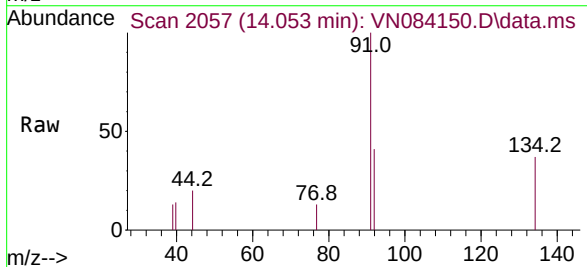
Instrument :
MSVOA_N
ClientSampleId :

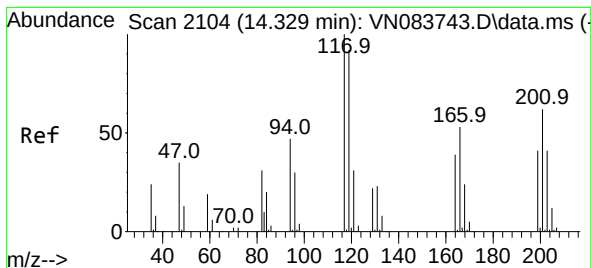
Tgt Ion:146 Resp: 1079
Ion Ratio Lower Upper
146 100
111 23.0 21.3 64.0
148 54.3 32.0 96.2



#89
n-Butylbenzene
Concen: 0.384 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Tgt Ion: 91 Resp: 2048
Ion Ratio Lower Upper
91 100
92 48.8 26.7 80.1
134 24.0 12.2 36.4





#90

Hexachloroethane

Concen: 0.292 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

Instrument :

MSVOA_N

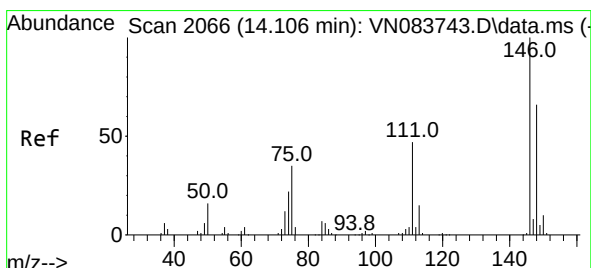
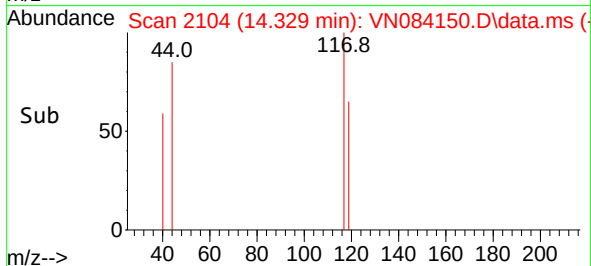
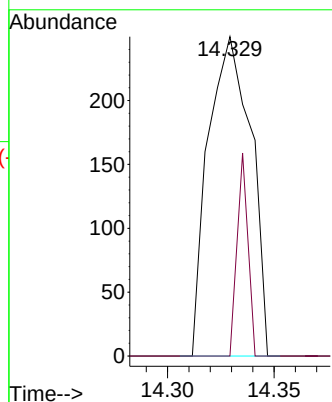
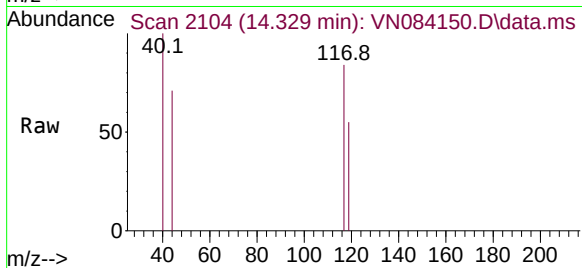
ClientSampleId :

Tgt Ion:117 Resp: 348

Ion Ratio Lower Upper

117 100

201 16.1 32.8 98.3#



#91

1,2-Dichlorobenzene

Concen: 0.310 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

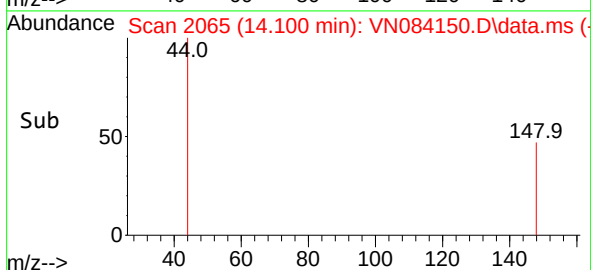
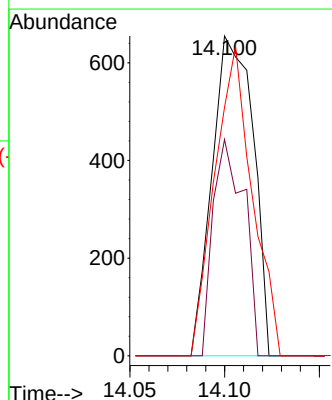
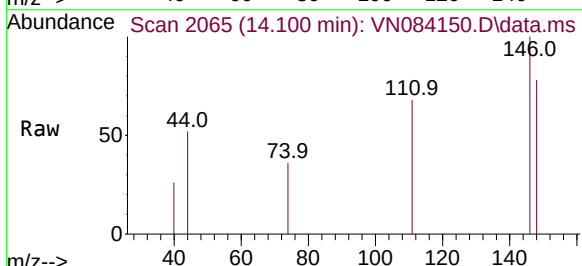
Tgt Ion:146 Resp: 985

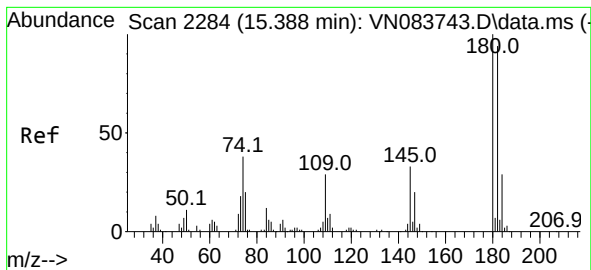
Ion Ratio Lower Upper

146 100

111 51.4 22.8 68.3

148 88.9 32.1 96.5





#93

1,2,4-Trichlorobenzene

Concen: 0.927 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

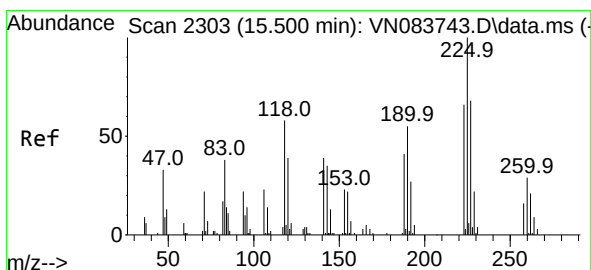
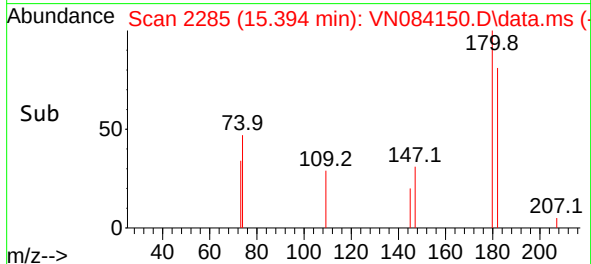
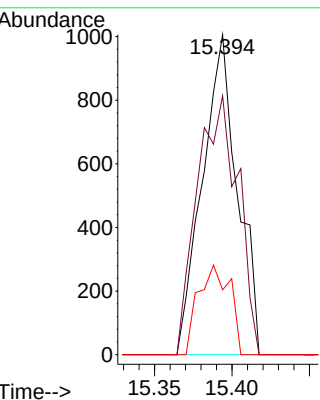
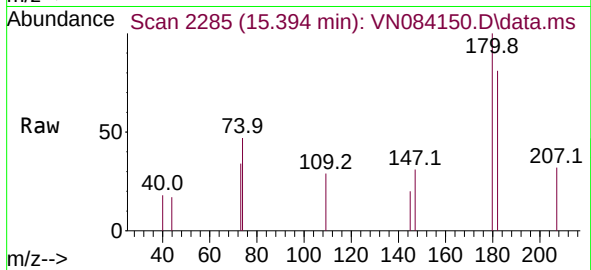
Tgt Ion:180 Resp: 1578

Ion Ratio Lower Upper

180 100

182 94.4 48.1 144.3

145 25.2 16.9 50.7



#94

Hexachlorobutadiene

Concen: 1.237 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084150.D

Acq: 25 Sep 2024 10:47

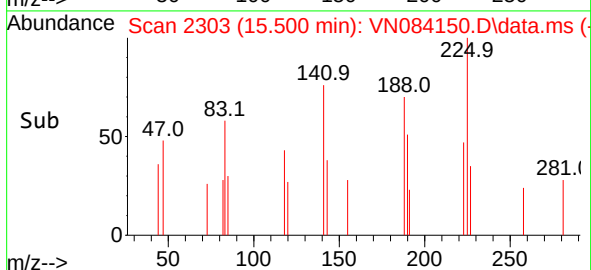
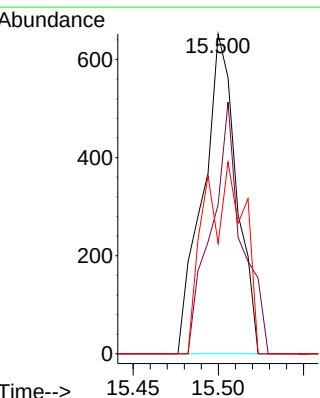
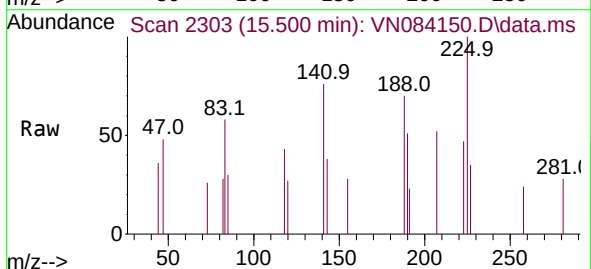
Tgt Ion:225 Resp: 894

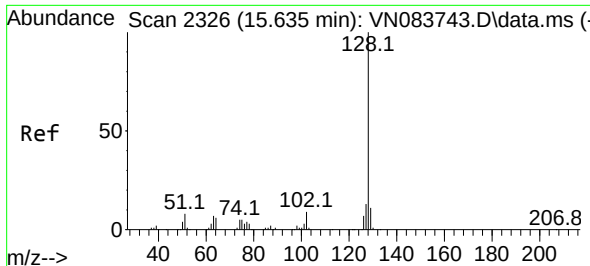
Ion Ratio Lower Upper

225 100

223 70.8 31.9 95.5

227 32.3 32.0 96.2

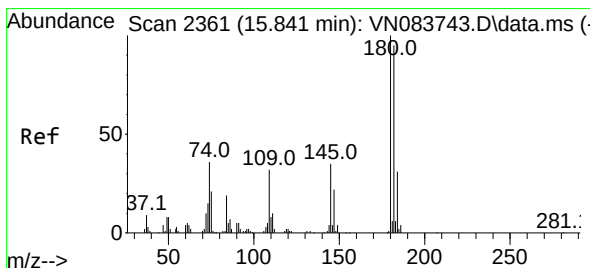
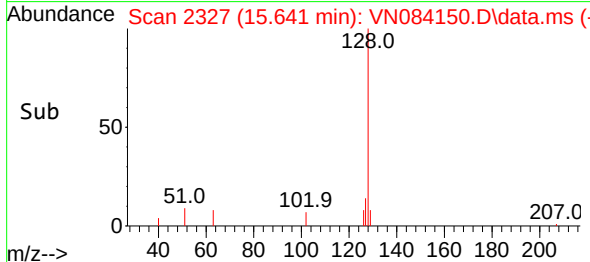
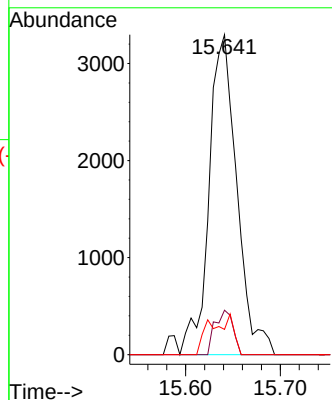
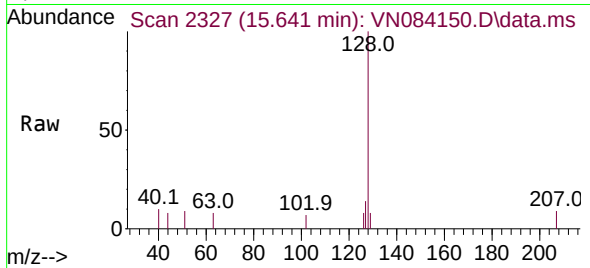




#95
Naphthalene
Concen: 1.301 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 6737
Ion Ratio Lower Upper
128 100
127 9.0 10.2 15.2#
129 4.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.282 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN084150.D
Acq: 25 Sep 2024 10:47

Tgt Ion:180 Resp: 2086
Ion Ratio Lower Upper
180 100
182 94.4 47.1 141.4
145 27.0 17.8 53.5

