

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083751.D
 Acq On : 10 Sep 2024 14:10
 Operator : JC\MD
 Sample : VN0910MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBL01

Quant Time: Sep 11 03:28:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	116865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	95323	54.094	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.180%			
35) Dibromofluoromethane	8.165	113	76130	49.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.620%			
50) Toluene-d8	10.565	98	270882	50.757	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.847	95	114760	52.120	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.240%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	787	Below Cal	#	87
5) Bromomethane	2.906	94	638	0.747	ug/l #	80
6) Chloroethane	3.259	64	304	0.291	ug/l #	45
11) Tert butyl alcohol	5.524	59	57	0.242	ug/l #	71
17) Carbon Disulfide	4.695	76	3154	0.892	ug/l #	75
18) Methyl Acetate	5.018	43	276	Below Cal	#	52
21) trans-1,2-Dichloroethene	5.777	96	472	0.348	ug/l #	42
31) Cyclohexane	8.218	56	3252	1.277	ug/l #	37
36) 1,1-Dichloropropene	8.365	75	821	0.353	ug/l #	42
38) Carbon Tetrachloride	8.224	117	13904	5.275	ug/l #	15
44) Trichloroethene	9.341	130	831	0.513	ug/l	78
49) 1,4-Dioxane	9.706	88	199	6.671	ug/l #	14
52) Toluene	10.629	92	1023	0.239	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	1451	0.559	ug/l #	79
54) cis-1,3-Dichloropropene	10.312	75	902	0.331	ug/l	91
58) 2-Chloroethyl Vinyl ether	10.159	63	704	0.795	ug/l #	62
59) 2-Hexanone	11.200	43	1136	0.738	ug/l	78
61) 1,2-Dibromoethane	11.471	107	526	0.330	ug/l	89
64) Tetrachloroethene	11.106	164	357	0.206	ug/l #	66
65) Chlorobenzene	11.888	112	2729	0.472	ug/l	99
67) Ethyl Benzene	11.959	91	3099	0.302	ug/l	91
68) m/p-Xylenes	12.076	106	2405	0.631	ug/l	97
69) o-Xylene	12.394	106	841	0.228	ug/l	94
70) Styrene	12.412	104	3215	0.531	ug/l	93
71) Bromoform	12.576	173	339	0.251	ug/l #	29
73) Isopropylbenzene	12.700	105	2341	0.254	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	610	0.225	ug/l #	80
76) 1,2,3-Trichloropropane	12.847	75	65167	27.823	ug/l #	1
77) Bromobenzene	12.976	156	1682	0.759	ug/l	87
78) n-propylbenzene	13.035	91	6053	0.565	ug/l	99
79) 2-Chlorotoluene	13.123	91	3085	0.452	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	2642	0.340	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.847	75	65167	71.073	ug/l #	9
82) 4-Chlorotoluene	13.223	91	6283	0.916	ug/l	100
83) tert-Butylbenzene	13.435	119	2048	0.302	ug/l	82
84) 1,2,4-Trimethylbenzene	13.488	105	2838	0.364	ug/l	100

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

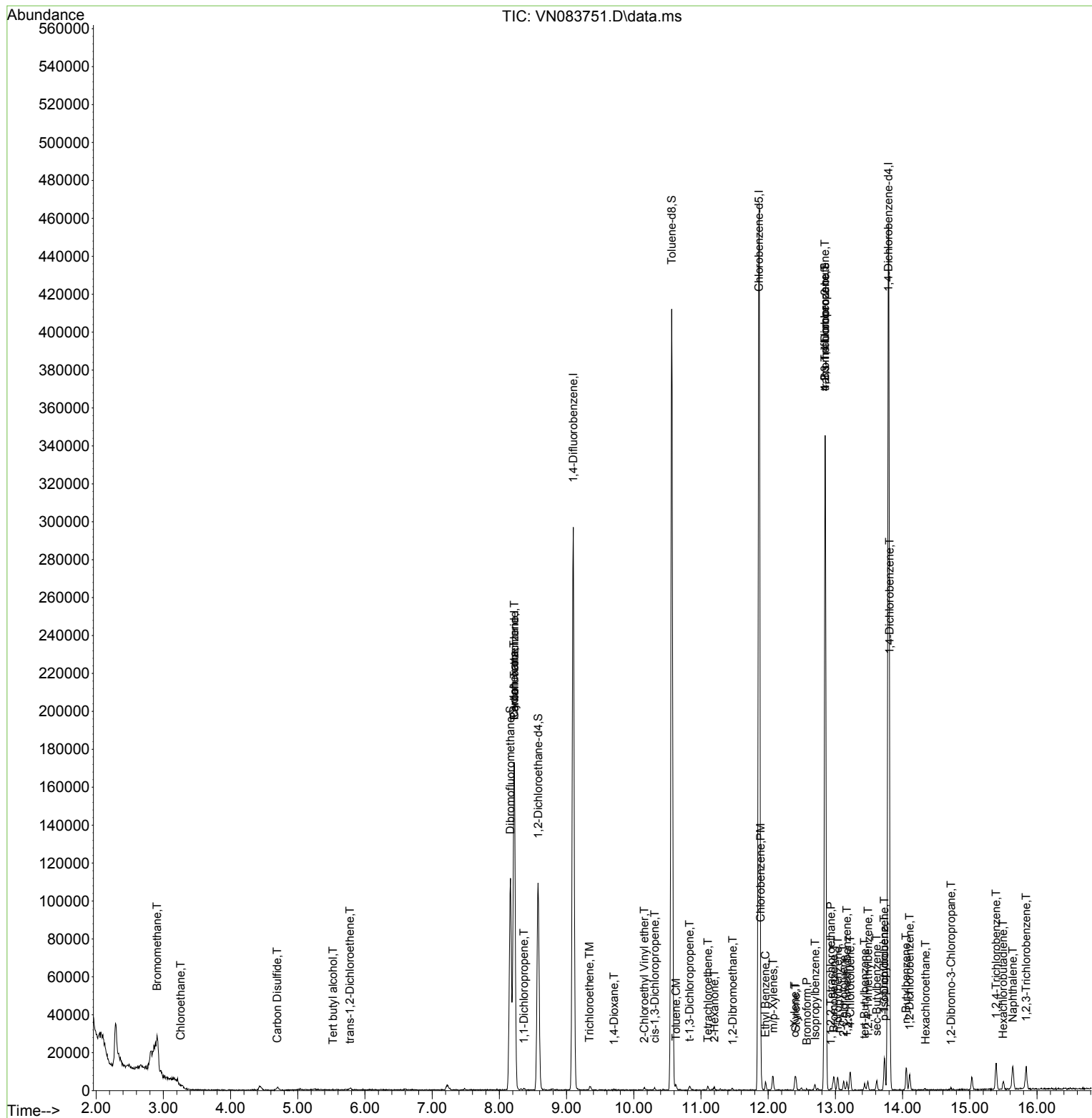
85) sec-Butylbenzene	13.618	105	3763	0.418	ug/l	99
86) p-Isopropyltoluene	13.723	119	3557	0.471	ug/l	96
87) 1,3-Dichlorobenzene	13.729	146	4819	1.152	ug/l	96
88) 1,4-Dichlorobenzene	13.806	146	6333	1.495	ug/l	83
89) n-Butylbenzene	14.053	91	7051	1.040	ug/l	95
90) Hexachloroethane	14.341	117	396	0.261	ug/l #	17
91) 1,2-Dichlorobenzene	14.106	146	3513	0.870	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.723	75	208	0.386	ug/l #	60
93) 1,2,4-Trichlorobenzene	15.394	180	4607	2.127	ug/l	98
94) Hexachlorobutadiene	15.494	225	897	0.975	ug/l	75
95) Naphthalene	15.641	128	11997	1.820	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	4539	2.192	ug/l	95

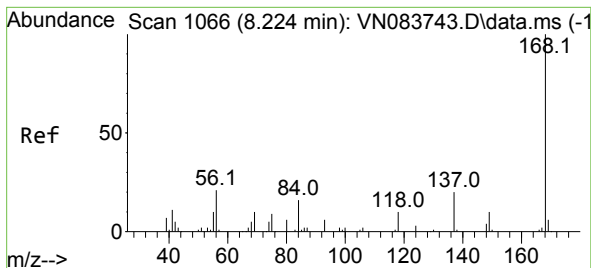
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

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MSVOA_N

ClientSampleId :

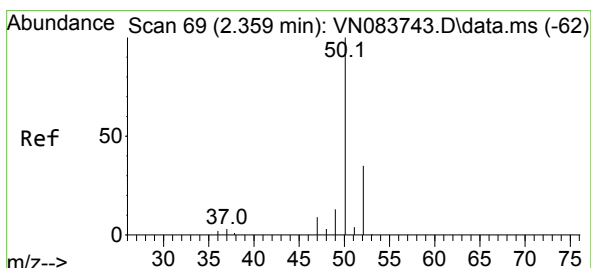
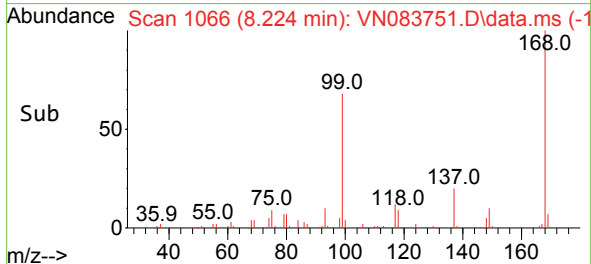
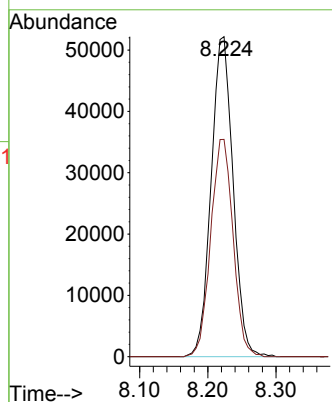
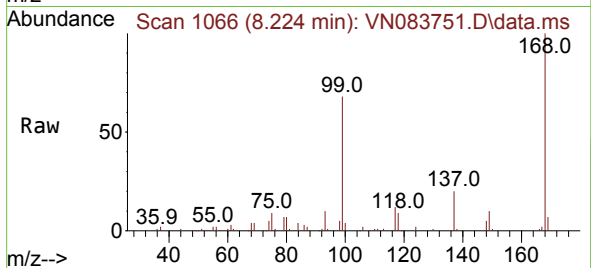
VN0910MBL01

Tgt Ion:168 Resp: 116865

Ion Ratio Lower Upper

168 100

99 67.9 54.2 81.2



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083751.D

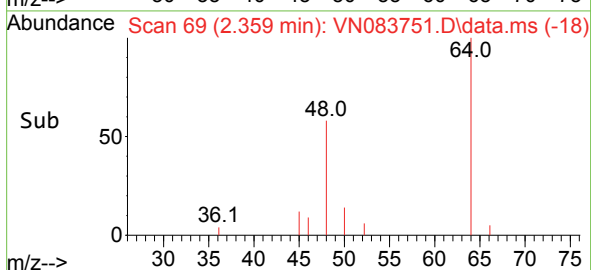
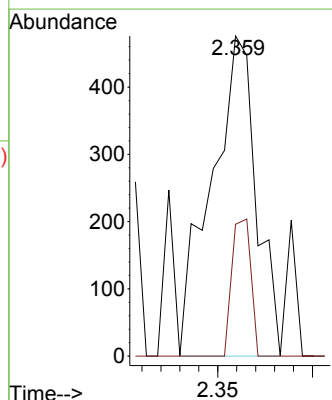
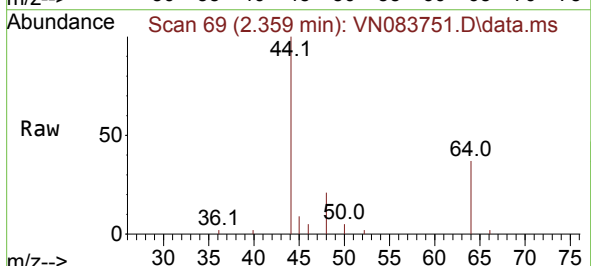
Acq: 10 Sep 2024 14:10

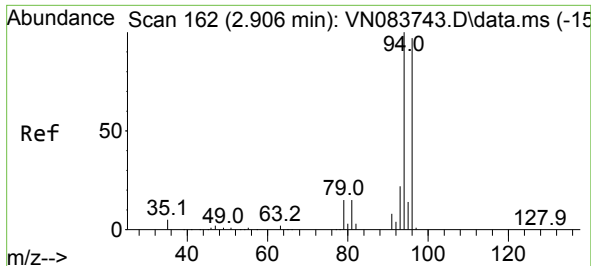
Tgt Ion: 50 Resp: 787

Ion Ratio Lower Upper

50 100

52 41.2 27.2 40.8#

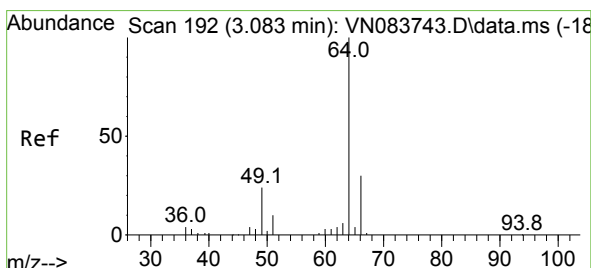
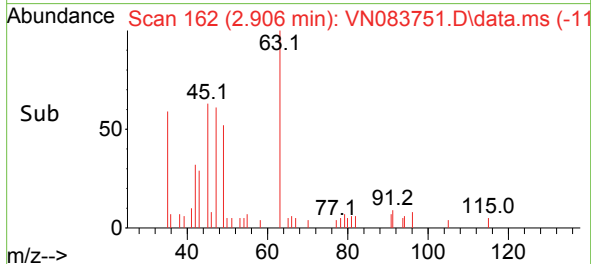
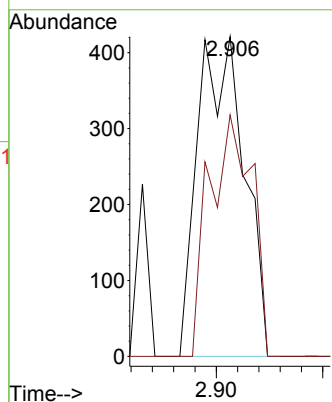
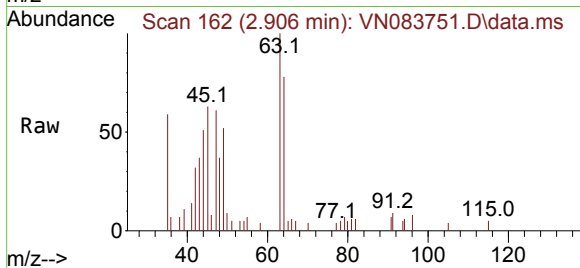




#5
Bromomethane
Concen: 0.747 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

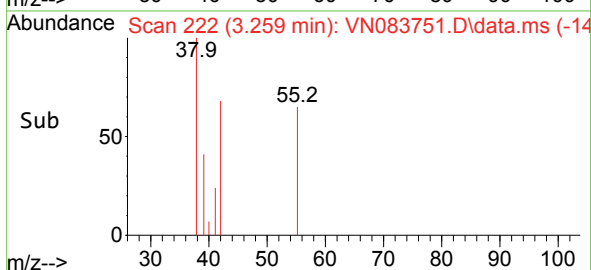
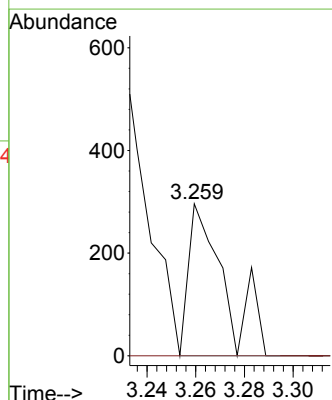
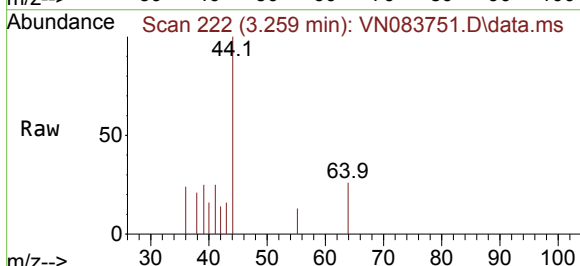
Instrument :
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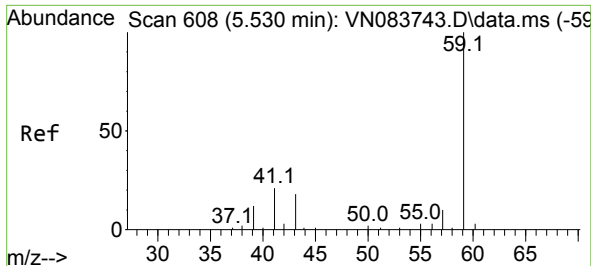
Tgt Ion: 94 Resp: 638
Ion Ratio Lower Upper
94 100
96 75.5 76.0 114.0#



#6
Chloroethane
Concen: 0.291 ug/l
RT: 3.259 min Scan# 222
Delta R.T. 0.176 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#

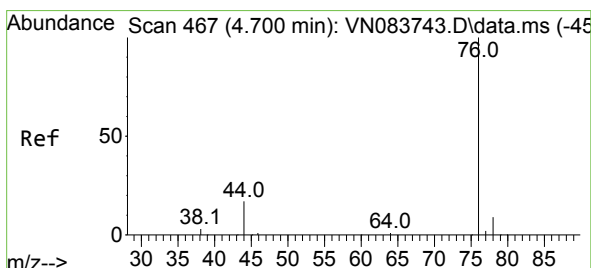
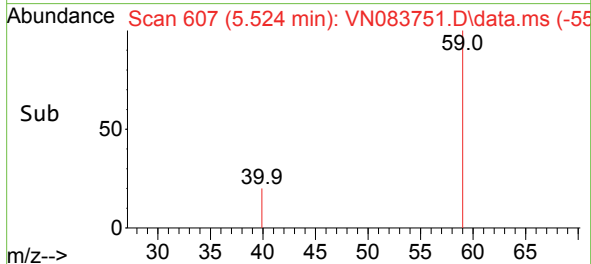
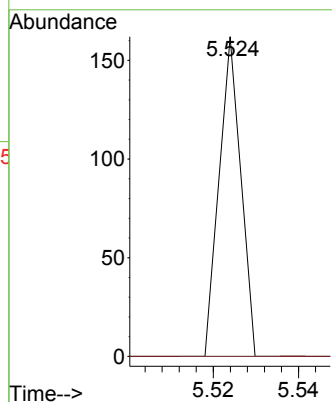
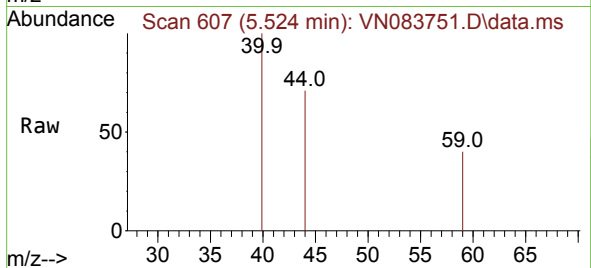




#11
Tert butyl alcohol
Concen: 0.242 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

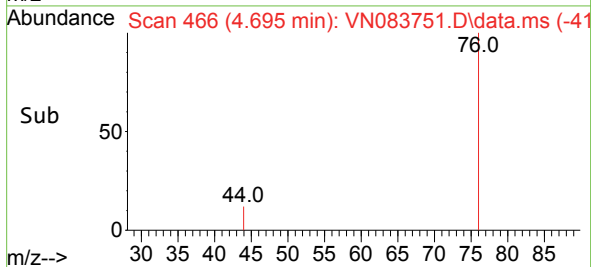
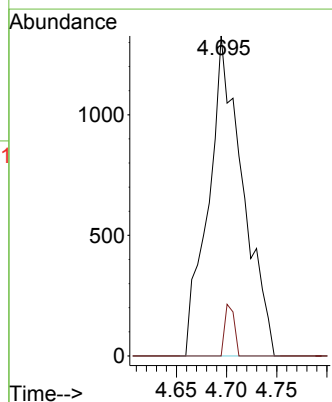
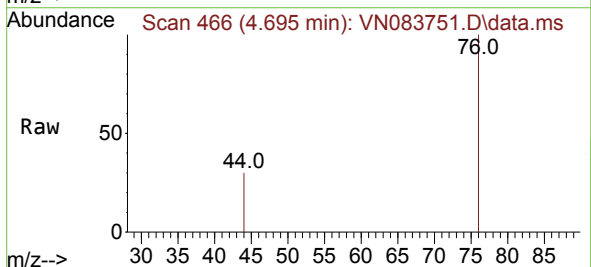
Instrument :
MSVOA_N
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VN0910MBL01

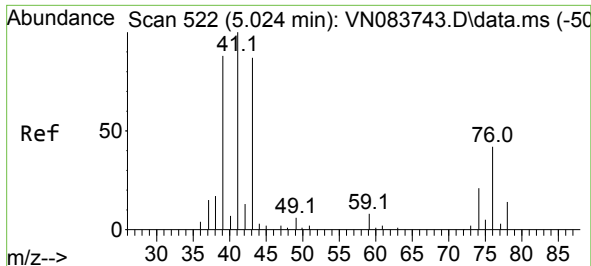
Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#17
Carbon Disulfide
Concen: 0.892 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion: 76 Resp: 3154
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

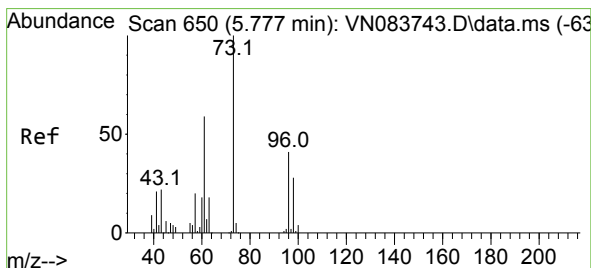
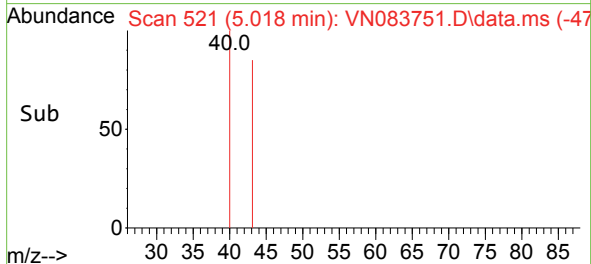
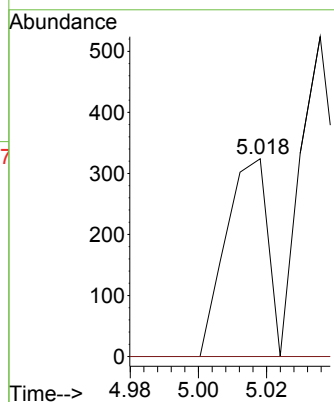
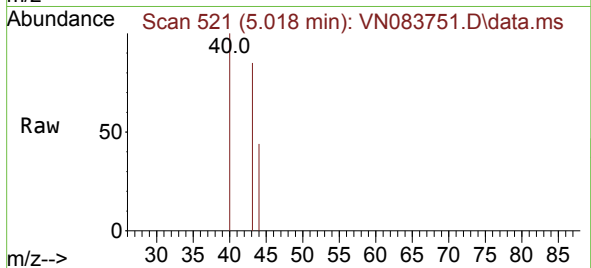




#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

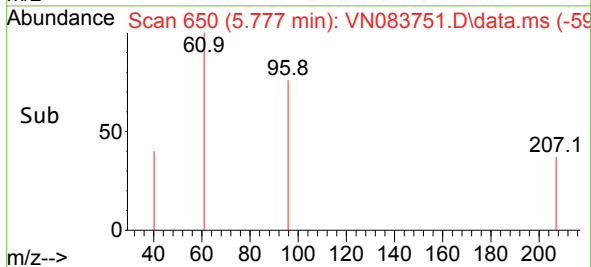
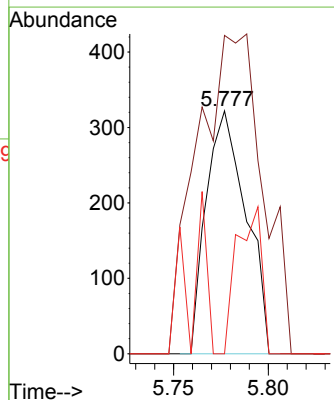
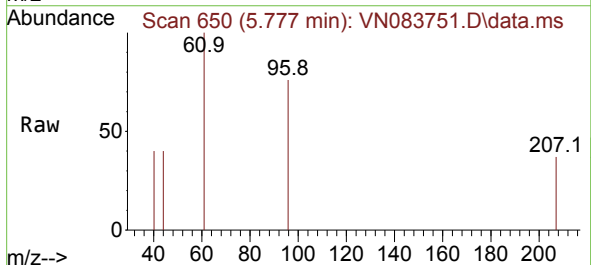
Instrument :
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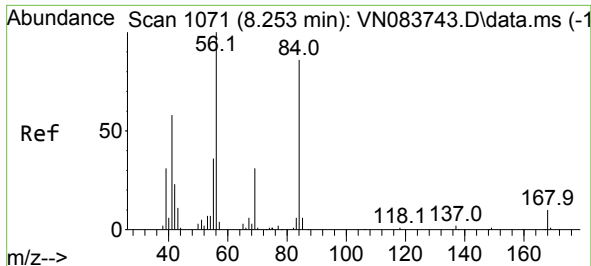
Tgt Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#21
trans-1,2-Dichloroethene
Concen: 0.348 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

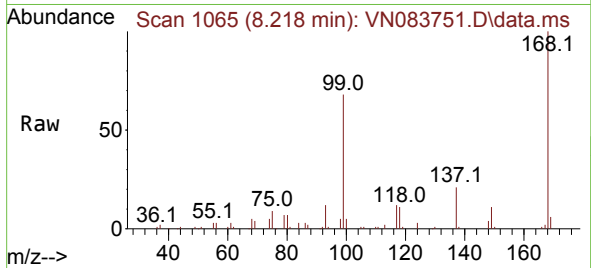
Tgt Ion: 96 Resp: 472
Ion Ratio Lower Upper
96 100
61 78.0 106.0 159.0#
98 0.0 52.2 78.2#



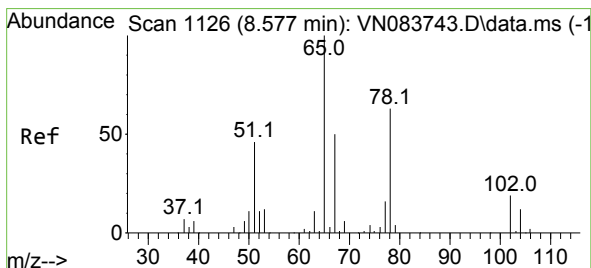
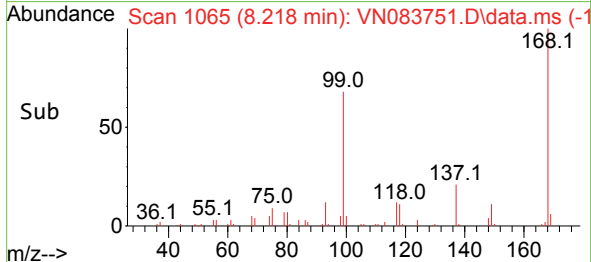
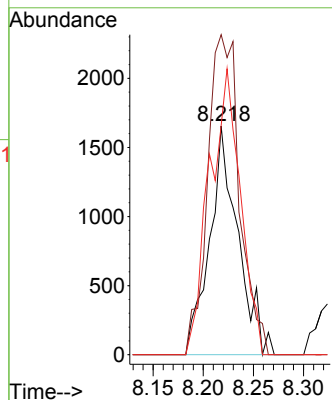


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
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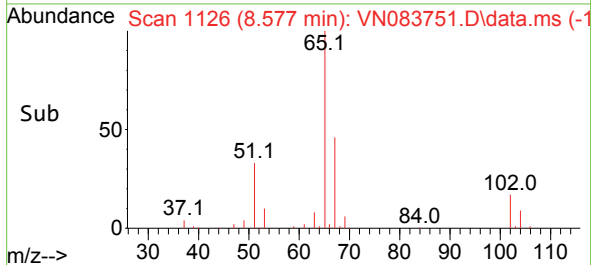
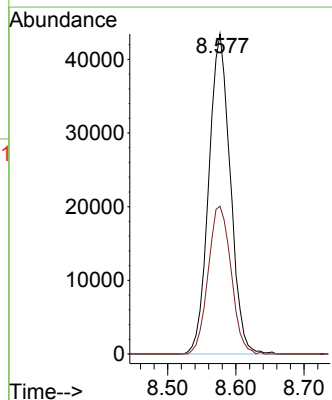
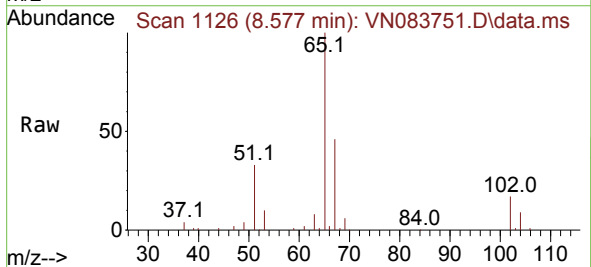


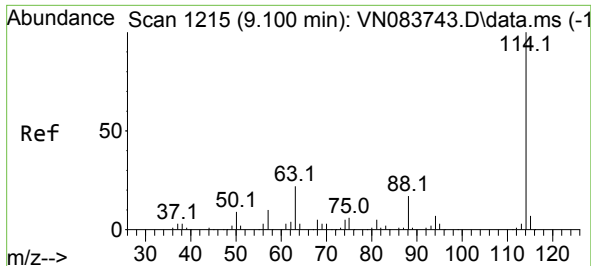
Tgt Ion: 56 Resp: 3252
Ion Ratio Lower Upper
56 100
69 139.9 26.9 40.3#
84 100.2 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 54.094 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion: 65 Resp: 95323
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.8

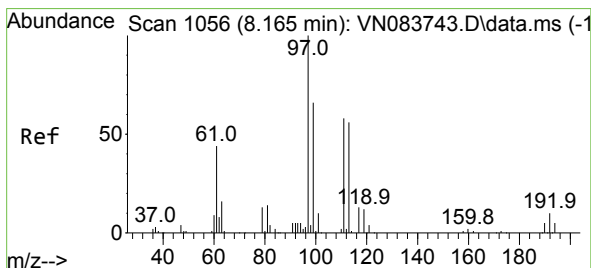
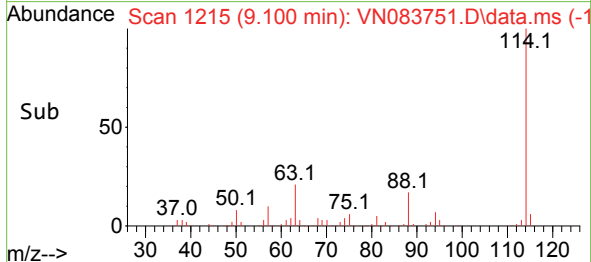
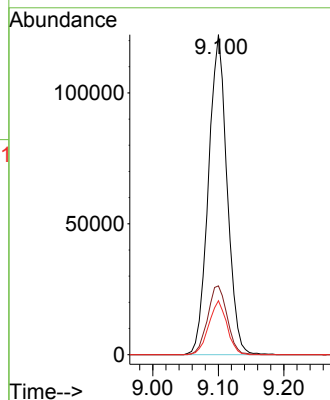
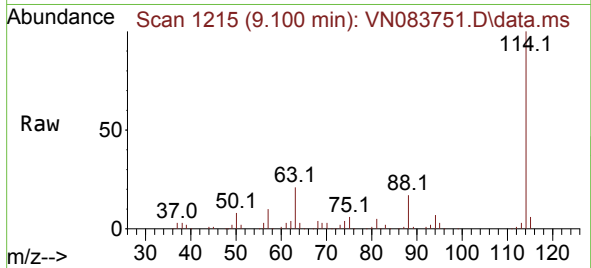




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

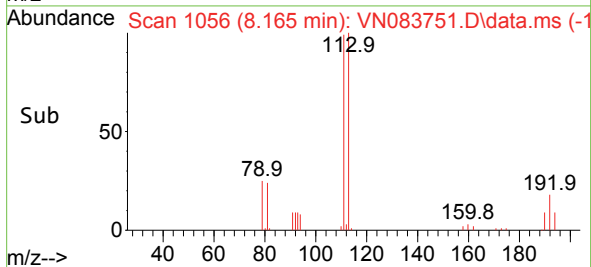
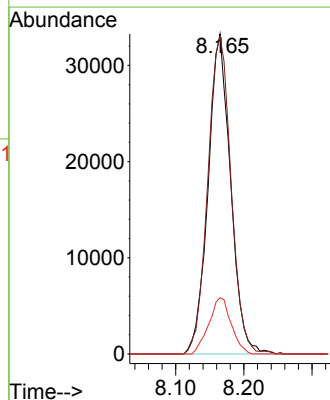
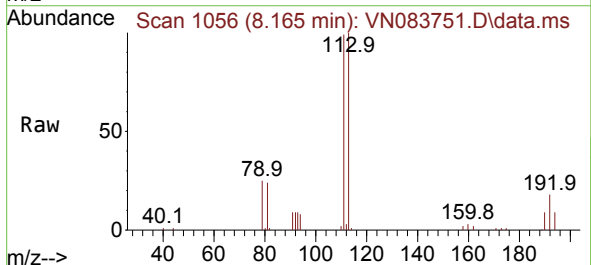
Instrument :
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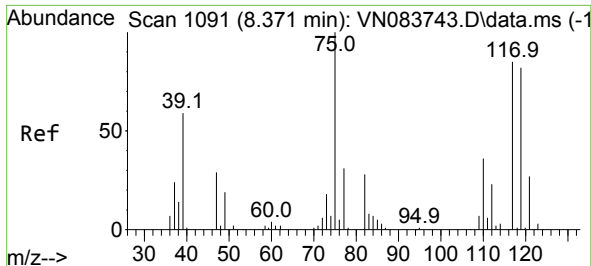
Tgt Ion:114 Resp: 241141
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.4
88 16.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.315 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion:113 Resp: 76130
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 17.5 14.3 21.5





#36

1,1-Dichloropropene

Concen: 0.353 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBL01

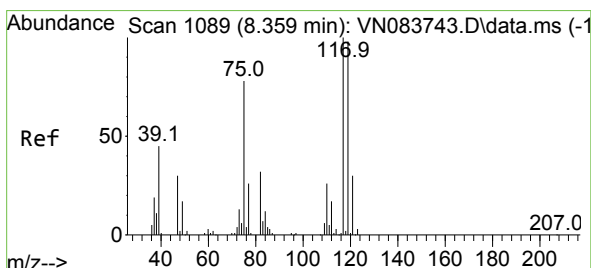
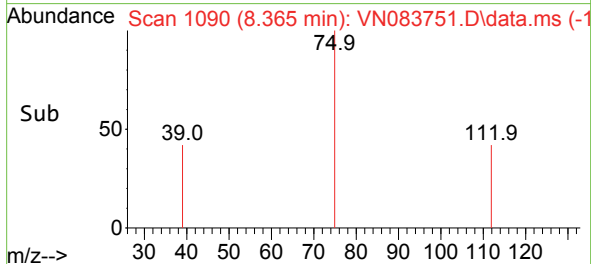
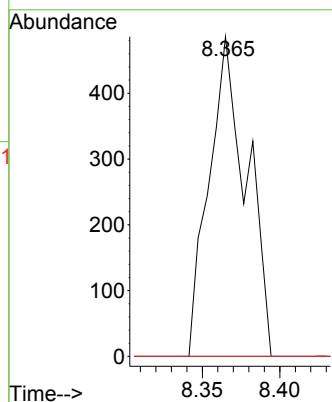
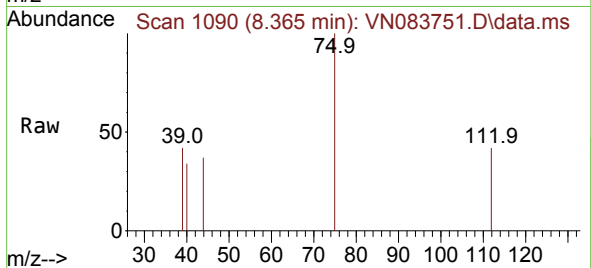
Tgt Ion: 75 Resp: 821

Ion Ratio Lower Upper

75 100

110 0.0 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.275 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

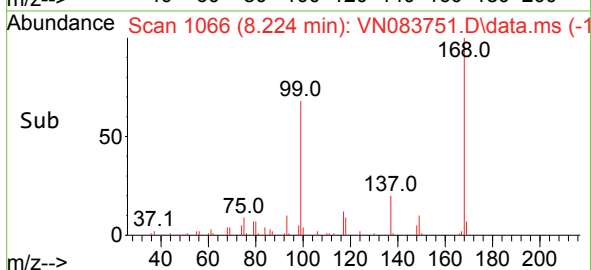
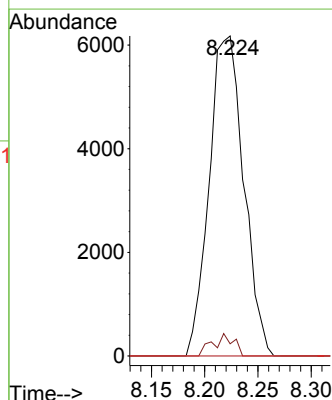
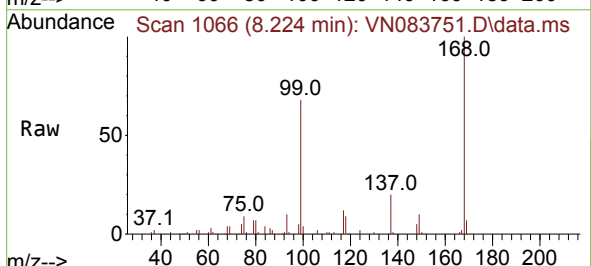
Tgt Ion: 117 Resp: 13904

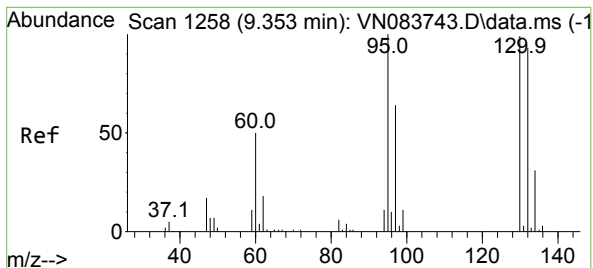
Ion Ratio Lower Upper

117 100

119 3.8 76.1 114.1#

121 0.0 24.1 36.1#





#44

Trichloroethene

Concen: 0.513 ug/l

RT: 9.341 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

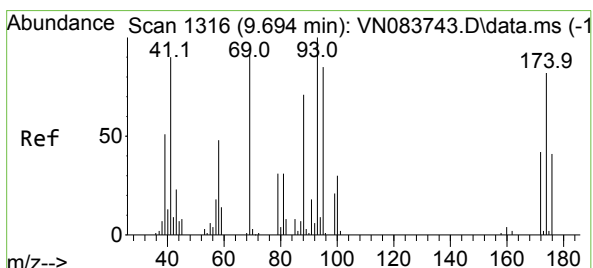
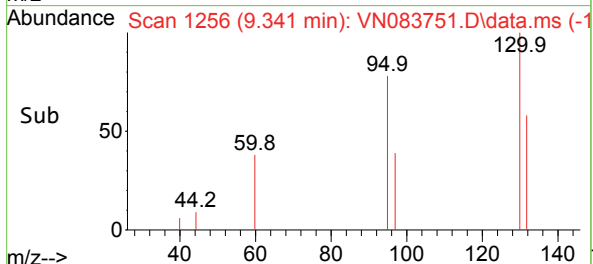
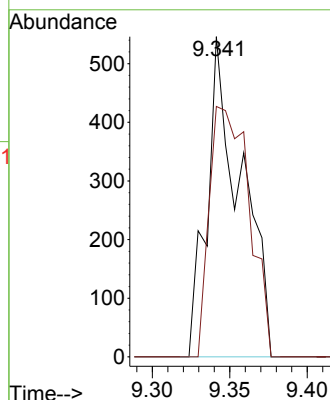
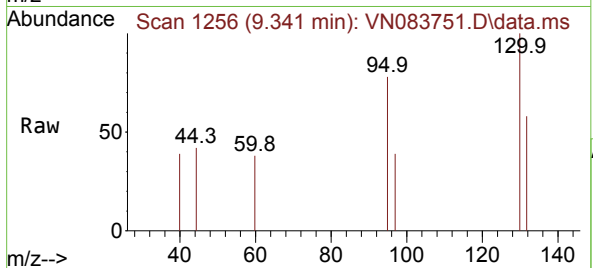
VN0910MBL01

Tgt Ion:130 Resp: 831

Ion Ratio Lower Upper

130 100

95 78.2 0.0 200.4



#49

1,4-Dioxane

Concen: 6.671 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.012 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

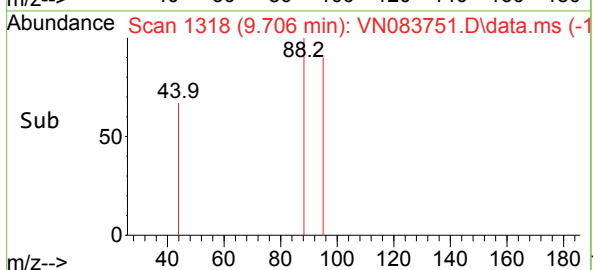
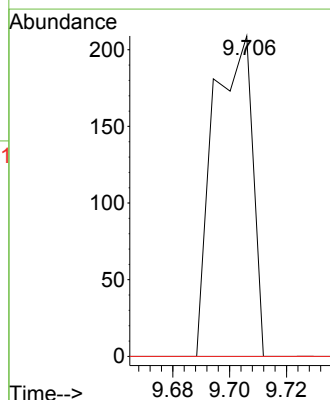
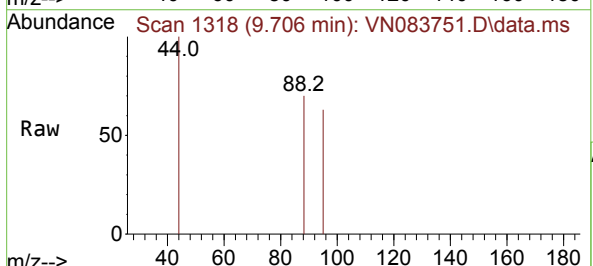
Tgt Ion: 88 Resp: 199

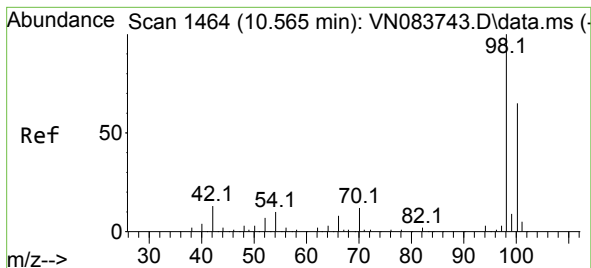
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 57.1 85.7#





#50

Toluene-d8

Concen: 50.757 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

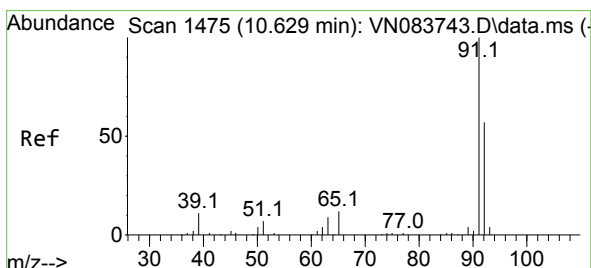
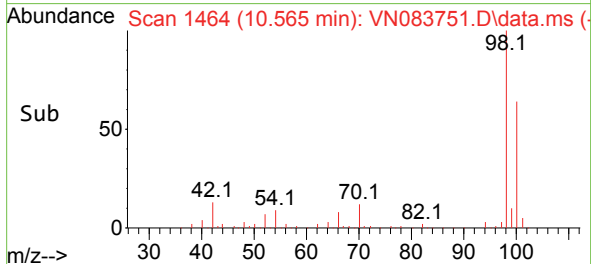
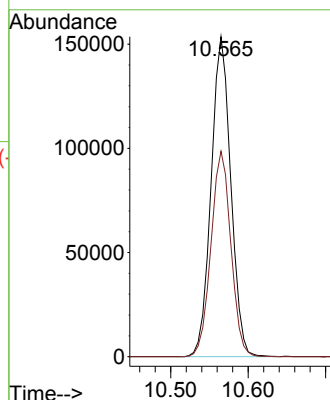
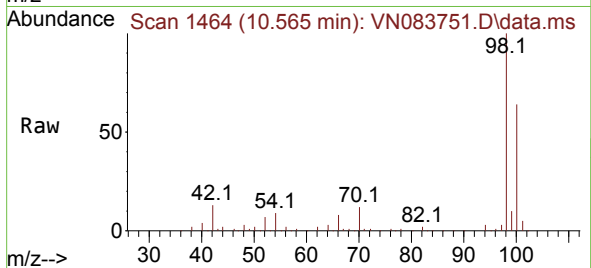
VN0910MBL01

Tgt Ion: 98 Resp: 270882

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#52

Toluene

Concen: 0.239 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN083751.D

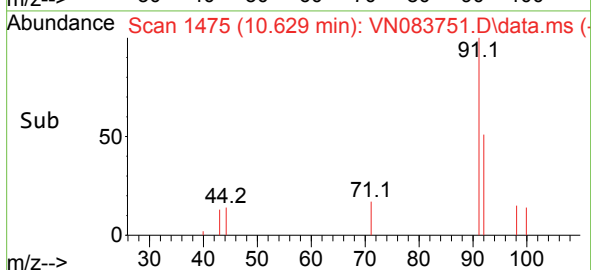
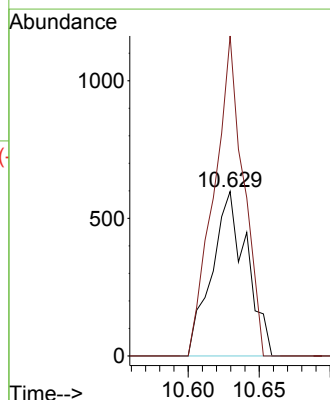
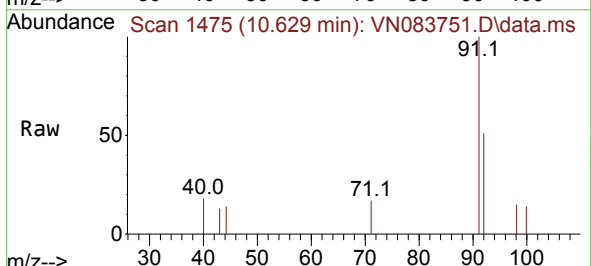
Acq: 10 Sep 2024 14:10

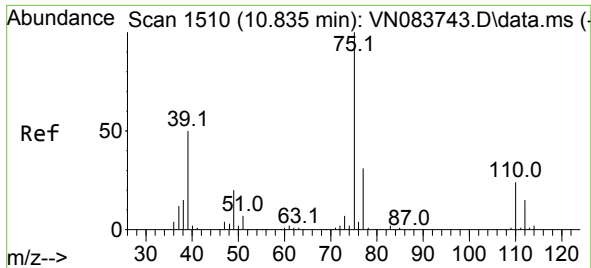
Tgt Ion: 92 Resp: 1023

Ion Ratio Lower Upper

92 100

91 164.0 134.7 202.1

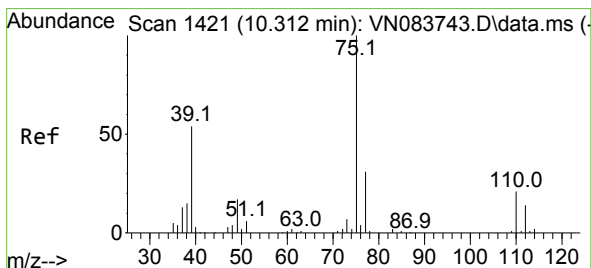
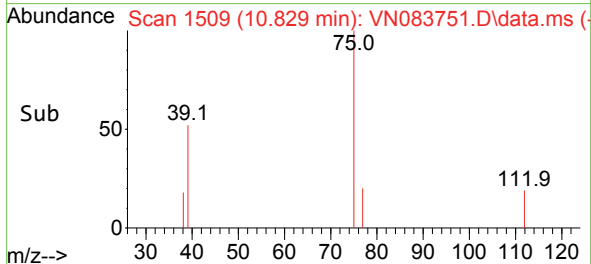
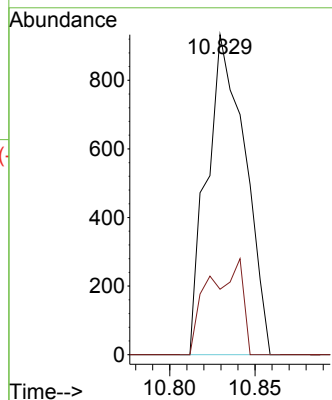
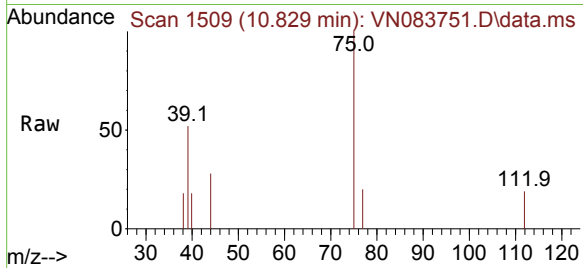




#53
 t-1,3-Dichloropropene
 Concen: 0.559 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: VN083751.D
 Acq: 10 Sep 2024 14:10

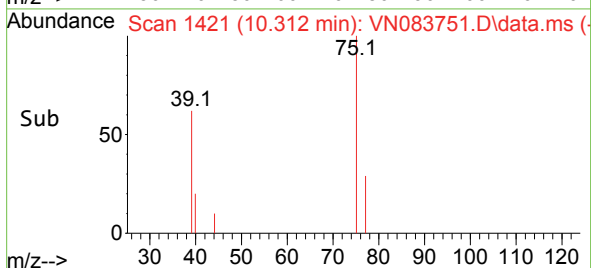
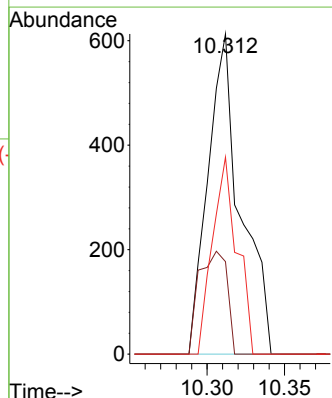
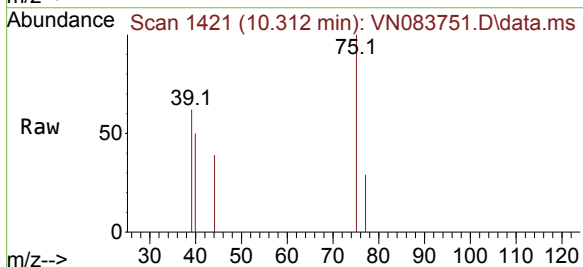
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBL01

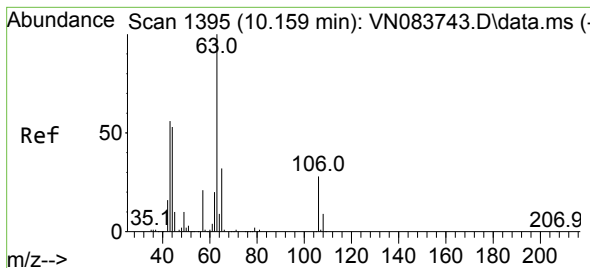
Tgt Ion: 75 Resp: 1451
 Ion Ratio Lower Upper
 75 100
 77 20.5 25.8 38.6#



#54
 cis-1,3-Dichloropropene
 Concen: 0.331 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083751.D
 Acq: 10 Sep 2024 14:10

Tgt Ion: 75 Resp: 902
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.0 37.6
 39 61.5 42.6 64.0

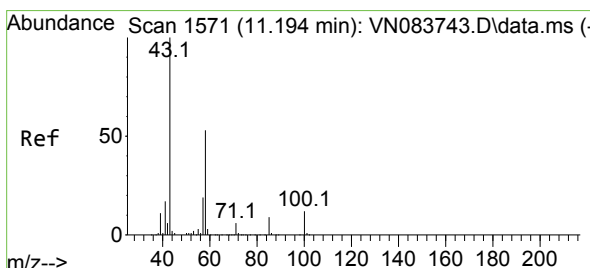
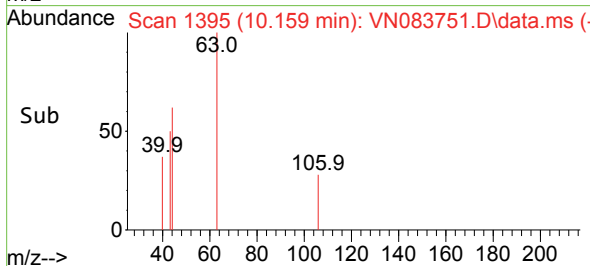
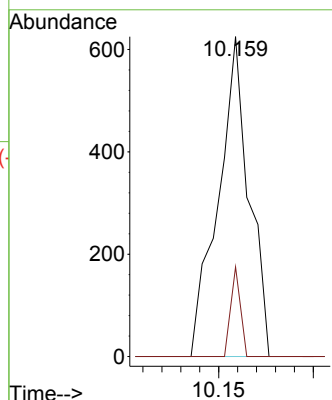
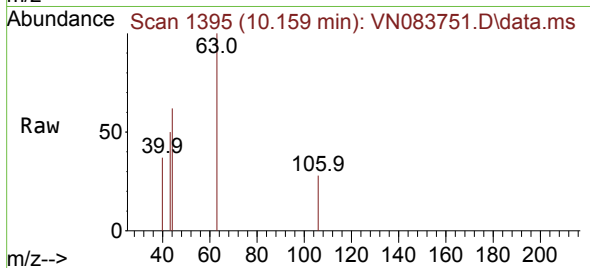




#58
2-Chloroethyl Vinyl ether
Concen: 0.795 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

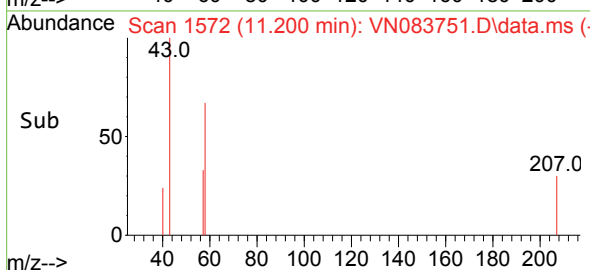
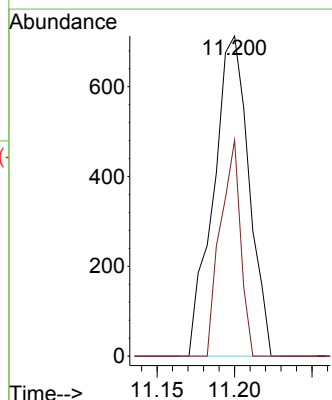
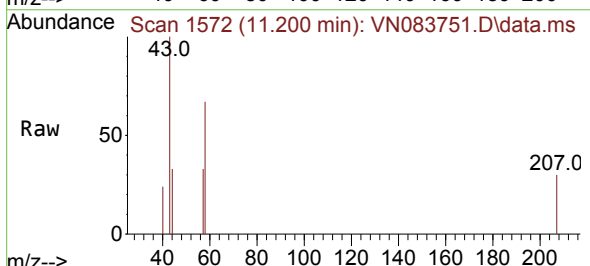
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBL01

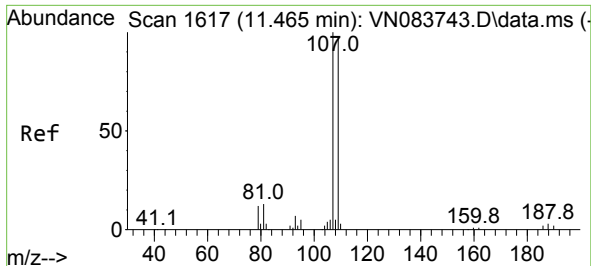
Tgt Ion: 63 Resp: 704
Ion Ratio Lower Upper
63 100
106 8.8 23.3 34.9#



#59
2-Hexanone
Concen: 0.738 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 38.3 27.2 81.5

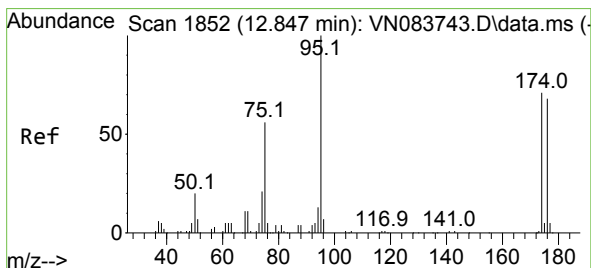
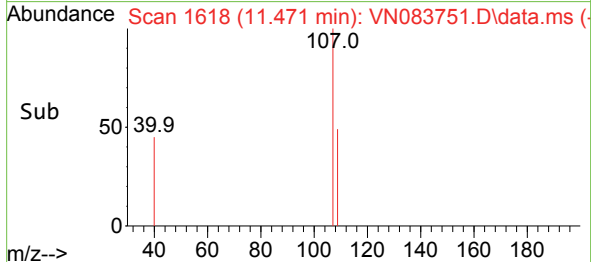
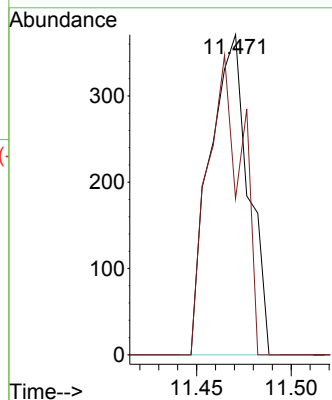
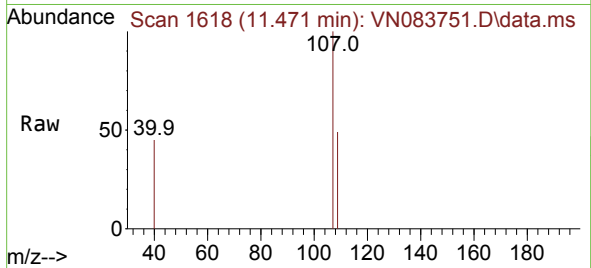




#61
1,2-Dibromoethane
Concen: 0.330 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

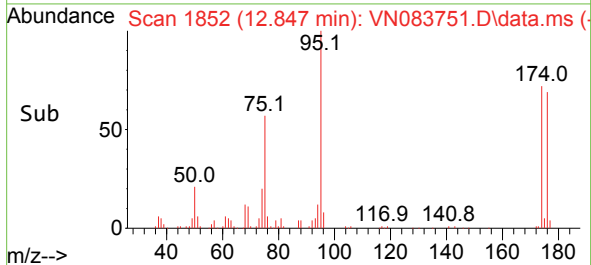
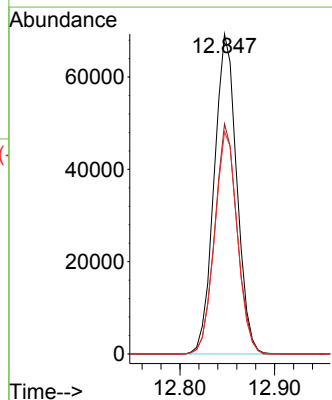
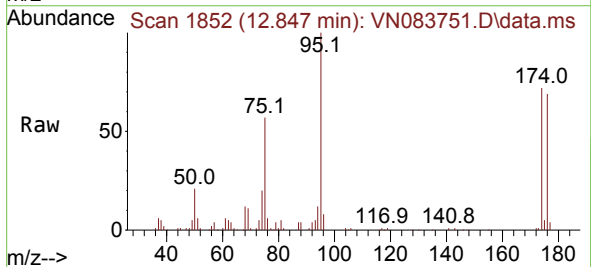
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBL01

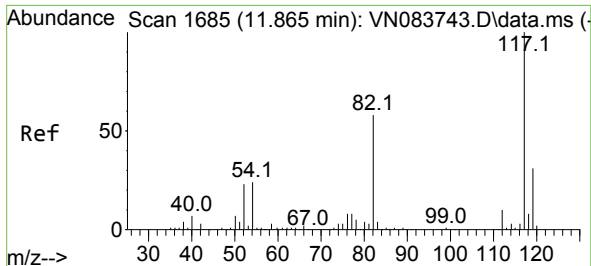
Tgt Ion:107 Resp: 526
Ion Ratio Lower Upper
107 100
109 84.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.120 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion: 95 Resp: 114760
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 69.8 0.0 131.4

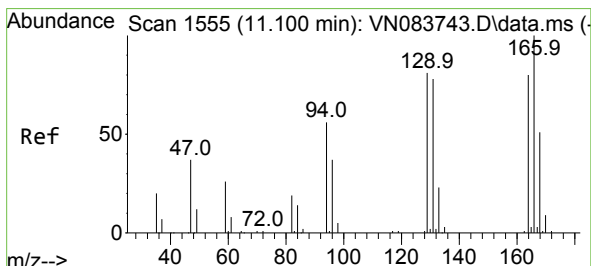
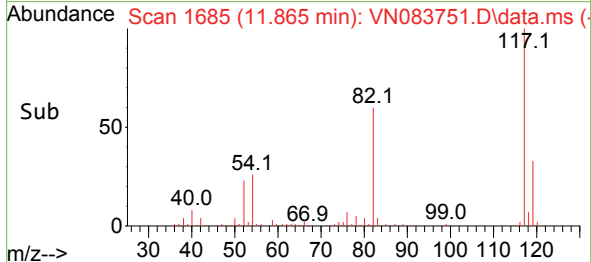
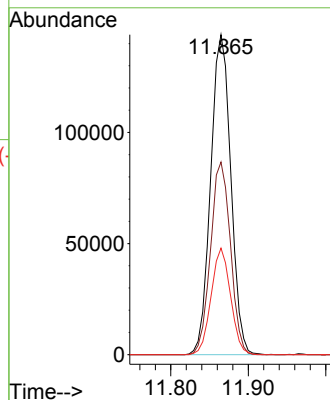
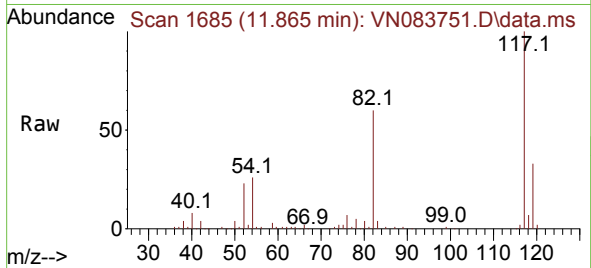




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

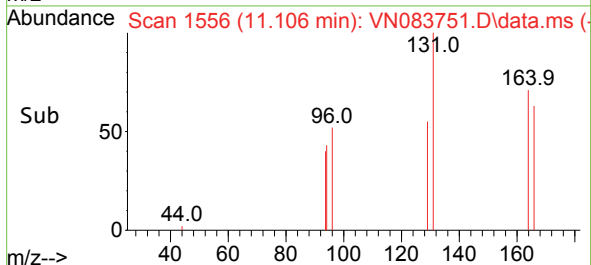
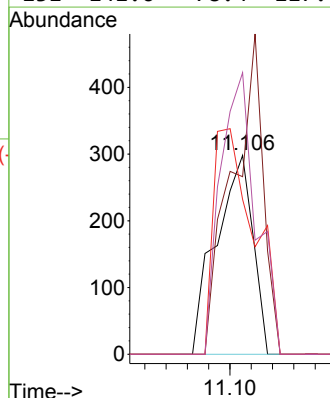
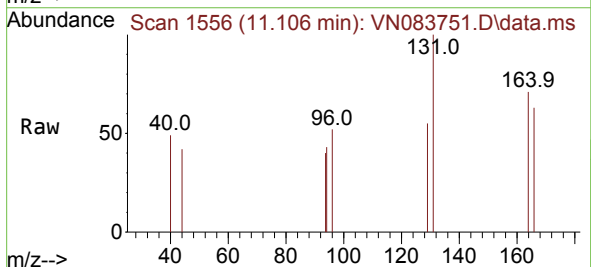
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBL01

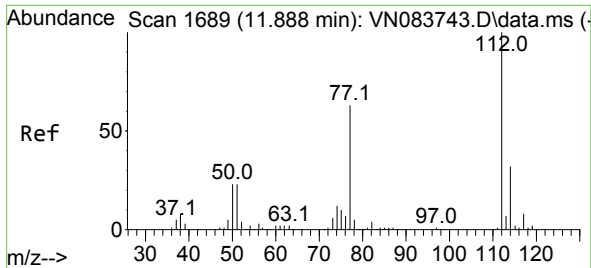
Tgt Ion:117 Resp: 260026
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.0
119 33.3 26.3 39.5



#64
Tetrachloroethene
Concen: 0.206 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion:164 Resp: 357
Ion Ratio Lower Upper
164 100
166 89.3 103.7 155.5#
129 77.9 79.9 119.9#
131 141.6 78.4 117.6#

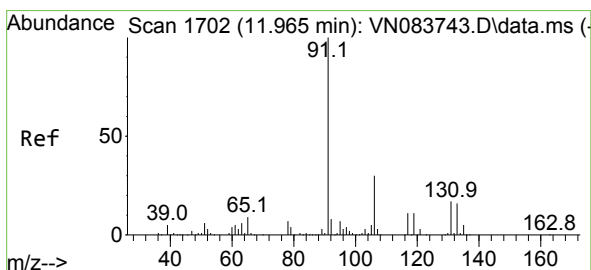
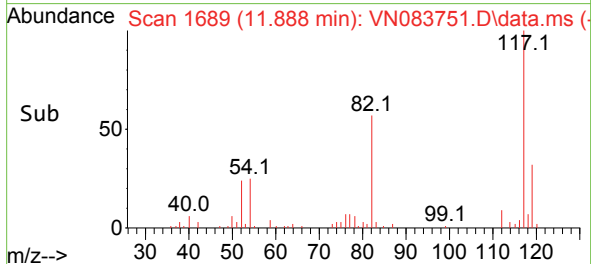
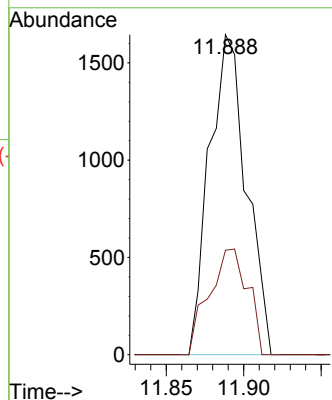
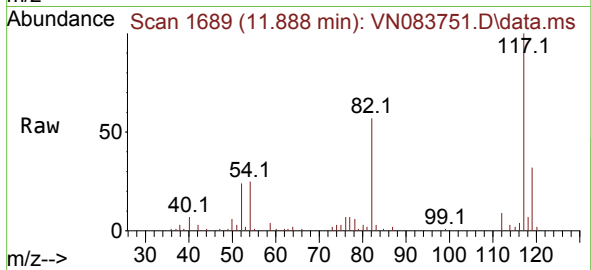




#65
Chlorobenzene
Concen: 0.472 ug/l
RT: 11.888 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

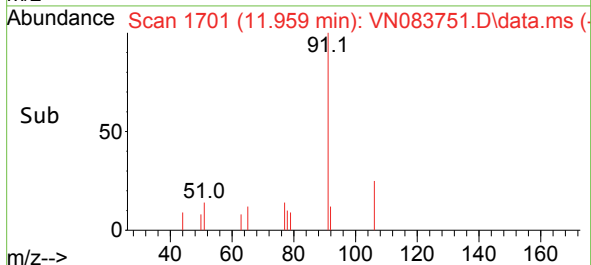
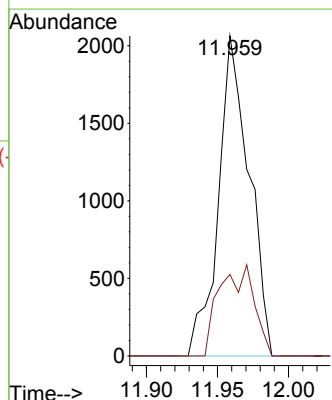
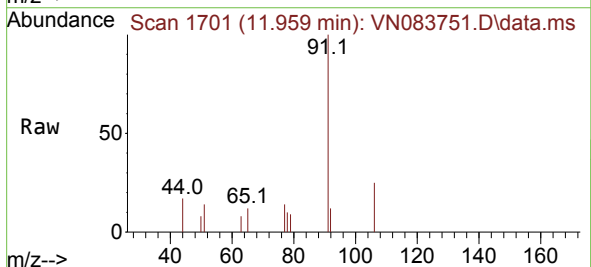
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBL01

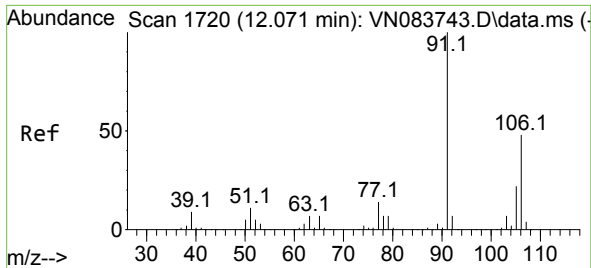
Tgt Ion:112 Resp: 2729
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#67
Ethyl Benzene
Concen: 0.302 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion: 91 Resp: 3099
Ion Ratio Lower Upper
91 100
106 25.4 24.3 36.5

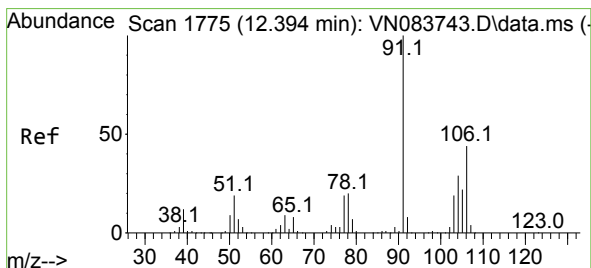
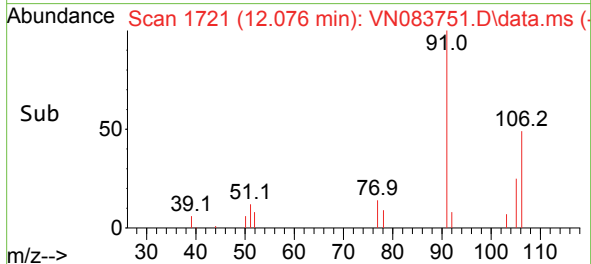
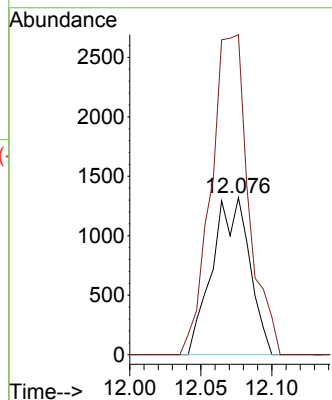
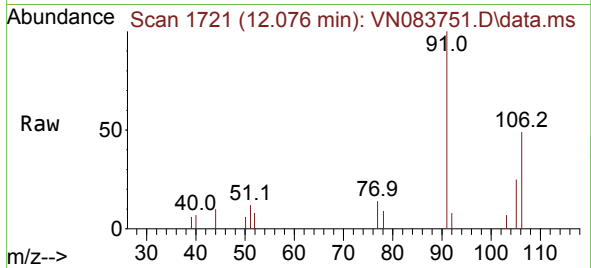




#68
m/p-Xylenes
Concen: 0.631 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

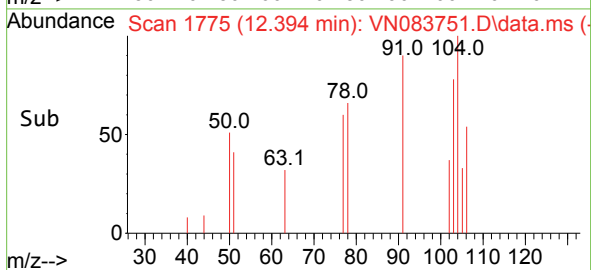
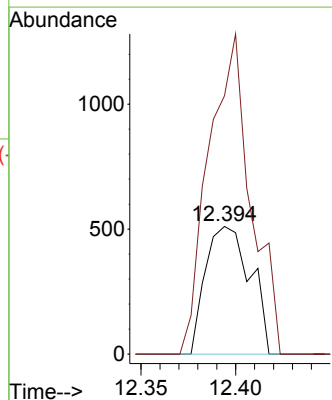
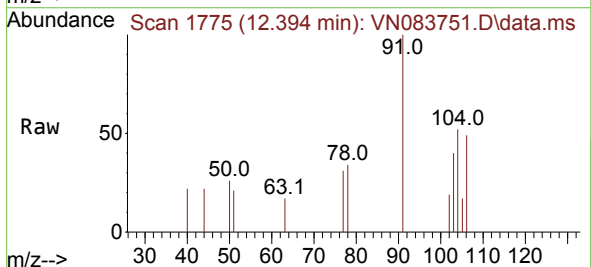
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBL01

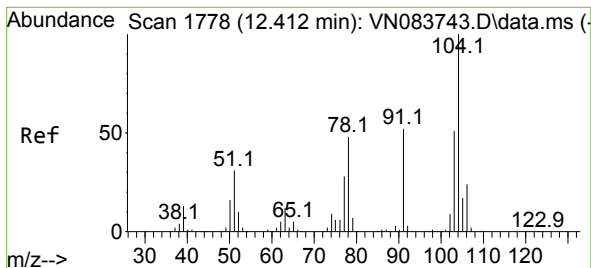
Tgt Ion:106 Resp: 2405
Ion Ratio Lower Upper
106 100
91 206.2 169.2 253.8



#69
o-Xylene
Concen: 0.228 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion:106 Resp: 841
Ion Ratio Lower Upper
106 100
91 235.0 112.9 338.6





#70

Styrene

Concen: 0.531 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBL01

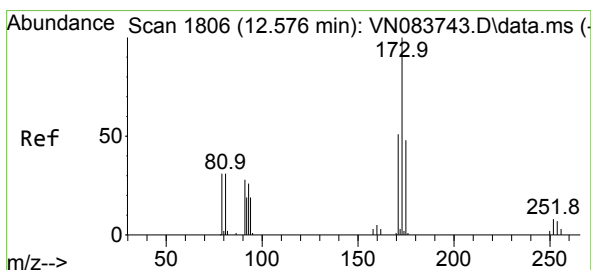
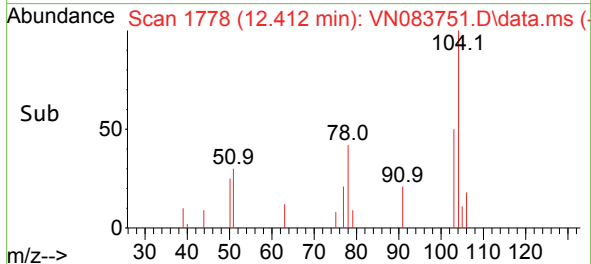
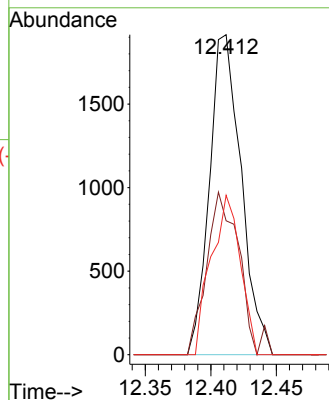
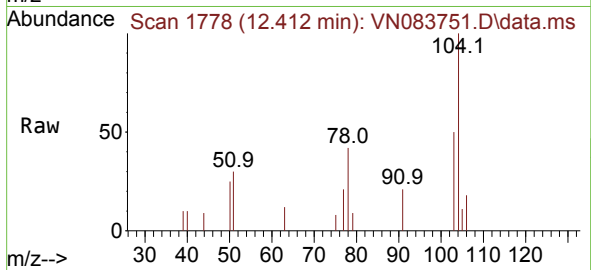
Tgt Ion:104 Resp: 3215

Ion Ratio Lower Upper

104 100

78 52.5 43.3 64.9

103 46.0 43.4 65.2



#71

Bromoform

Concen: 0.251 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

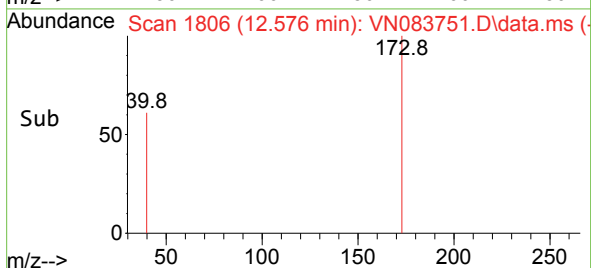
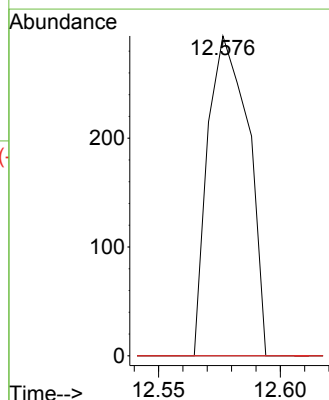
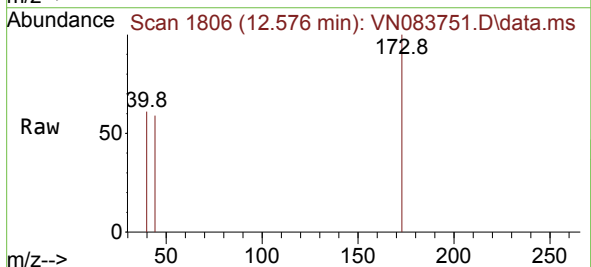
Tgt Ion:173 Resp: 339

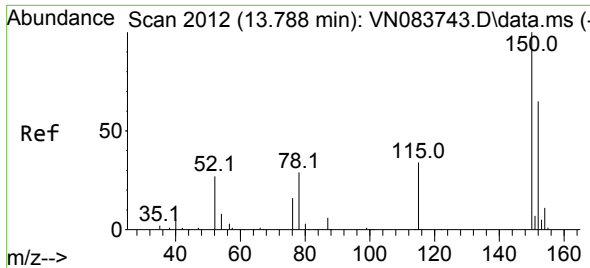
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0

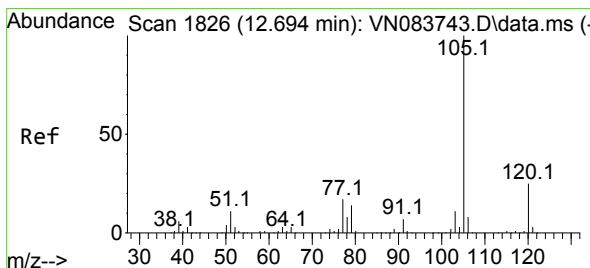
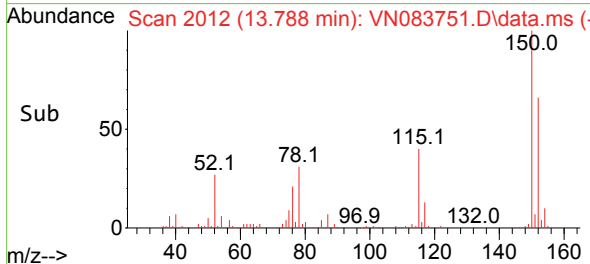
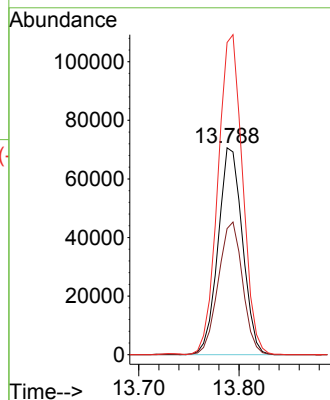
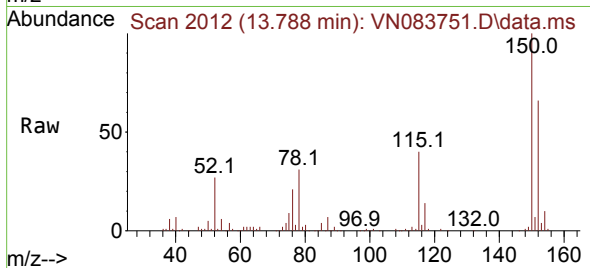




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN083751.D
 Acq: 10 Sep 2024 14:10

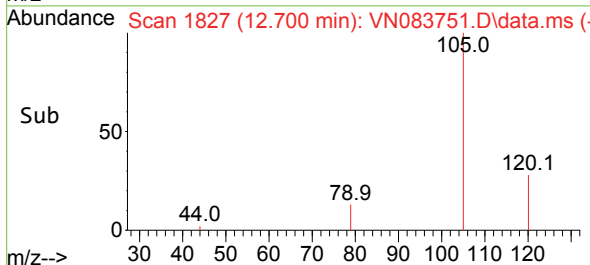
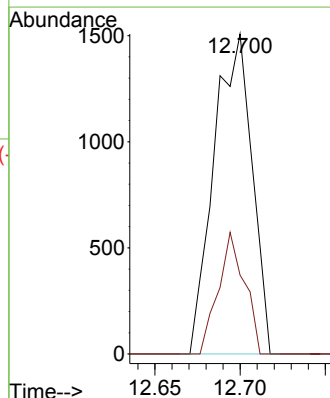
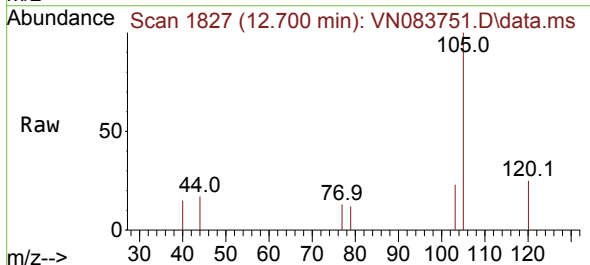
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBL01

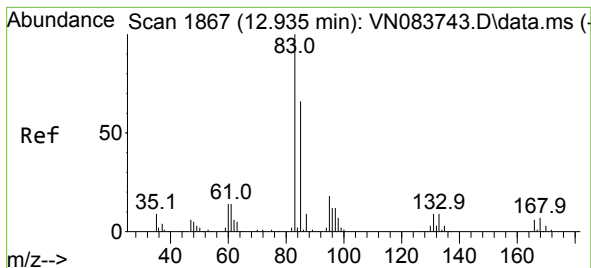
Tgt Ion:152 Resp: 119013
 Ion Ratio Lower Upper
 152 100
 115 64.0 32.2 96.6
 150 156.4 0.0 348.6



#73
 Isopropylbenzene
 Concen: 0.254 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. 0.006 min
 Lab File: VN083751.D
 Acq: 10 Sep 2024 14:10

Tgt Ion:105 Resp: 2341
 Ion Ratio Lower Upper
 105 100
 120 26.3 12.6 37.8





#75

1,1,2,2-Tetrachloroethane

Concen: 0.225 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBL01

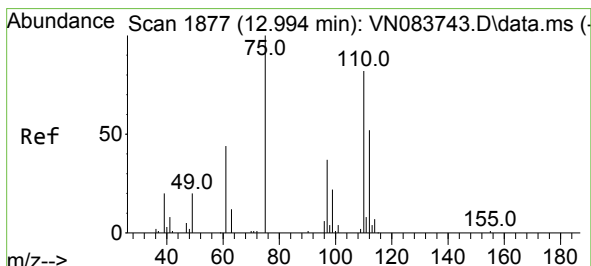
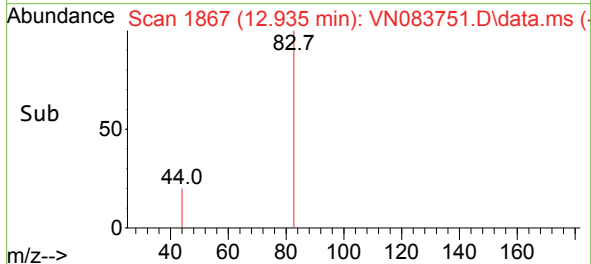
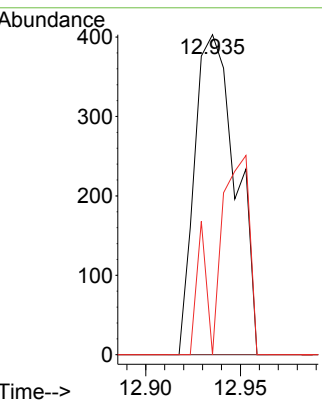
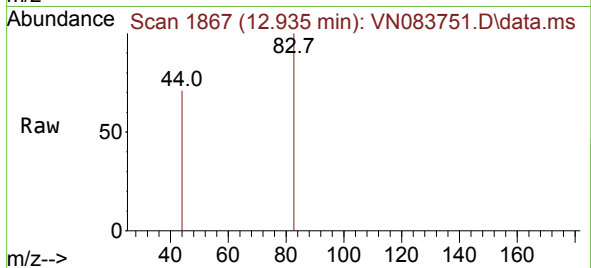
Tgt Ion: 83 Resp: 610

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 49.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 27.823 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083751.D

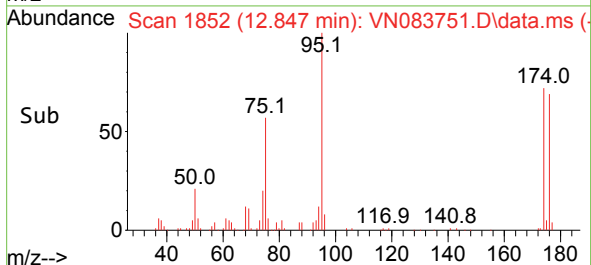
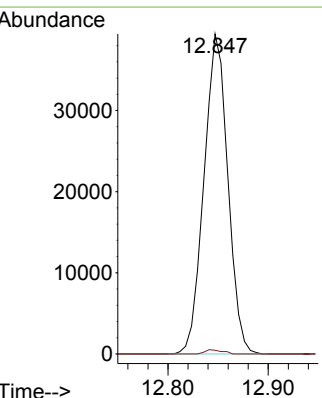
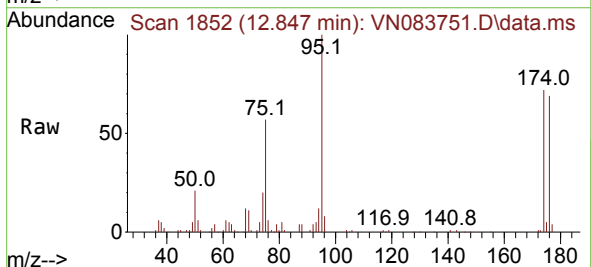
Acq: 10 Sep 2024 14:10

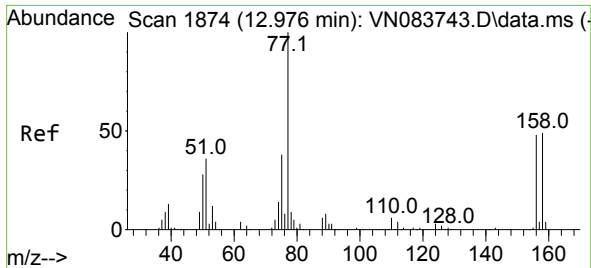
Tgt Ion: 75 Resp: 65167

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#

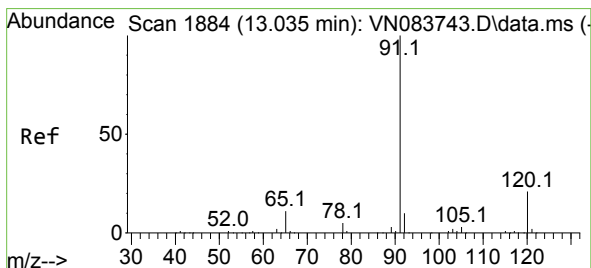
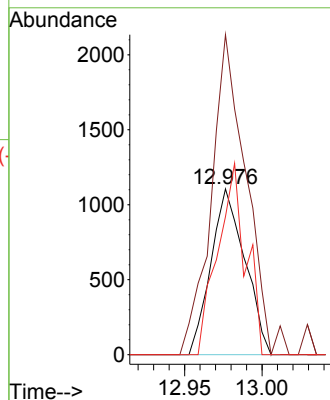
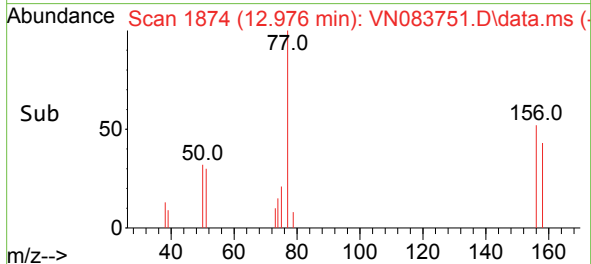
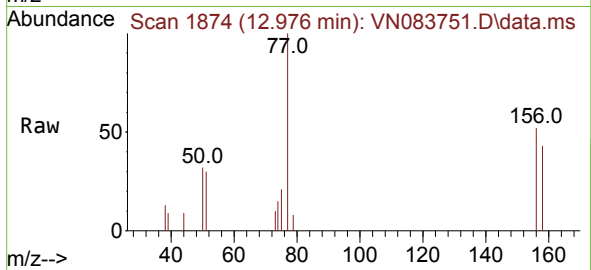




#77
Bromobenzene
Concen: 0.759 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

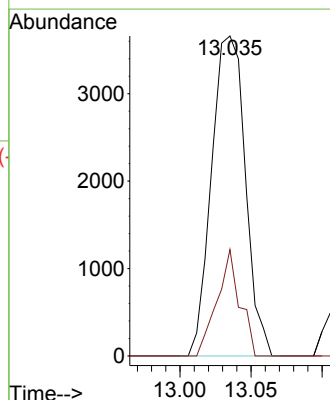
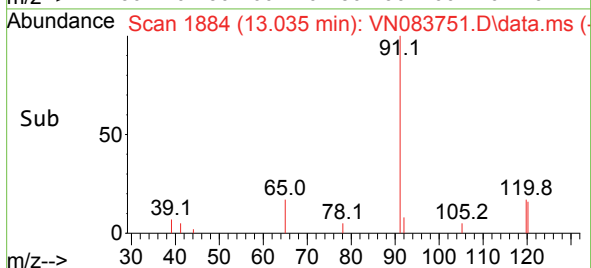
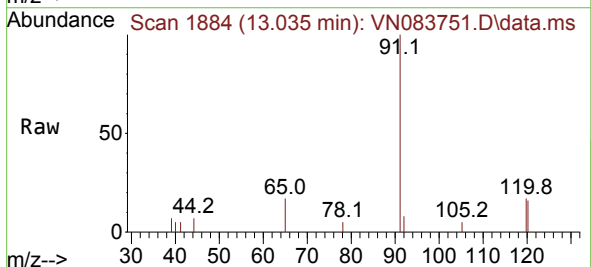
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBL01

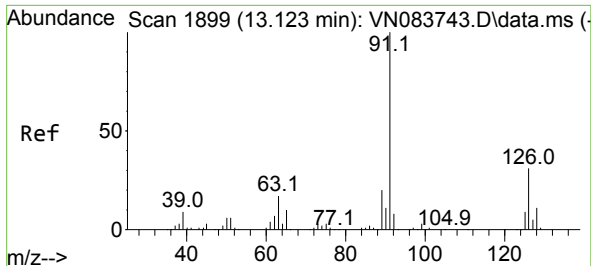
Tgt Ion:156 Resp: 1682
Ion Ratio Lower Upper
156 100
77 199.2 114.3 343.1
158 95.4 48.9 146.7



#78
n-propylbenzene
Concen: 0.565 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion: 91 Resp: 6053
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0





#79

2-Chlorotoluene

Concen: 0.452 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

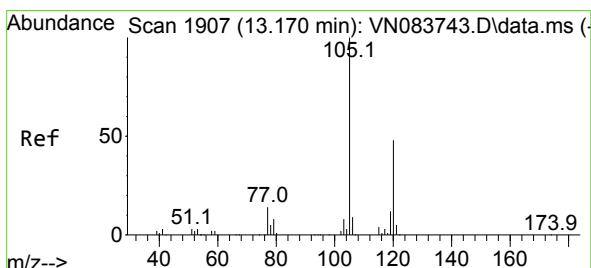
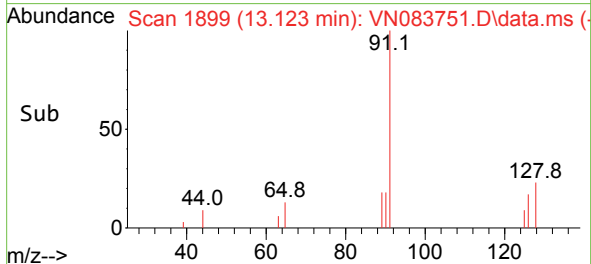
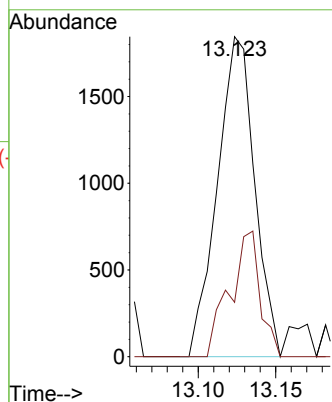
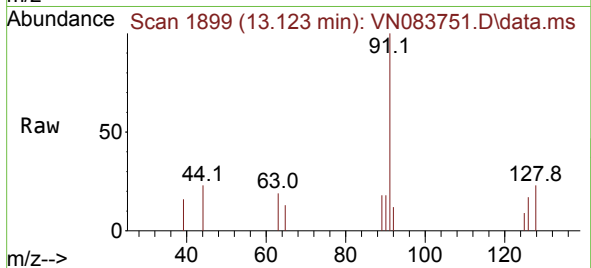
VN0910MBL01

Tgt Ion: 91 Resp: 3085

Ion Ratio Lower Upper

91 100

126 31.7 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 0.340 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083751.D

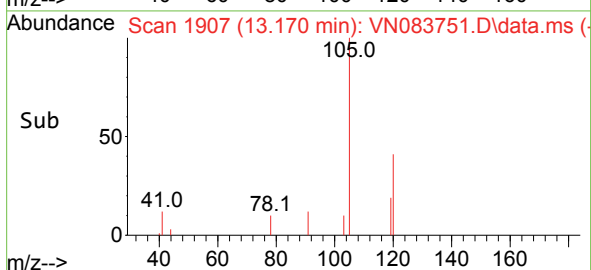
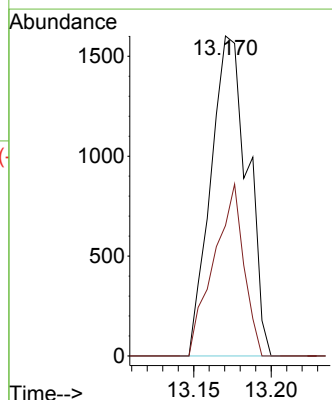
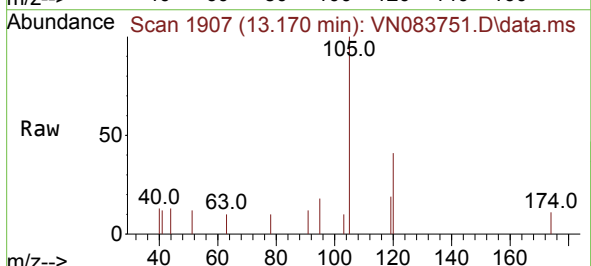
Acq: 10 Sep 2024 14:10

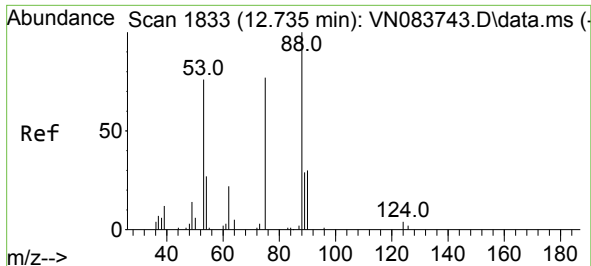
Tgt Ion: 105 Resp: 2642

Ion Ratio Lower Upper

105 100

120 43.8 23.4 70.3

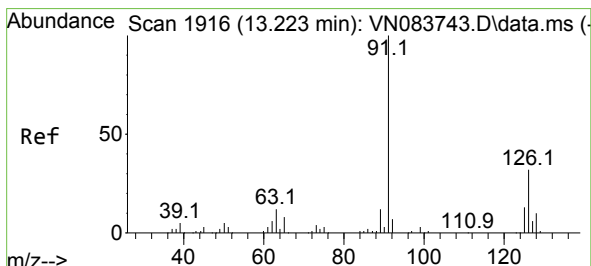
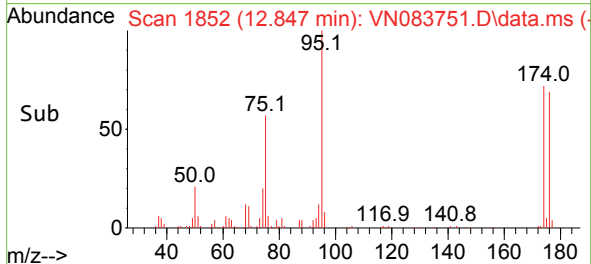
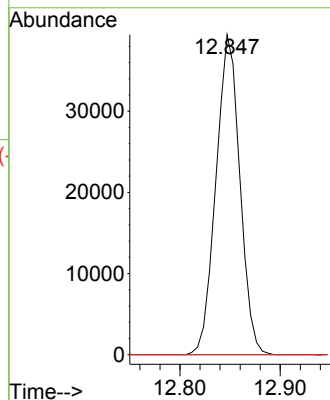
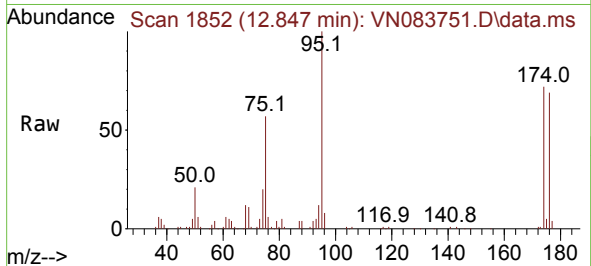




#81
trans-1,4-Dichloro-2-butene
Concen: 71.073 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

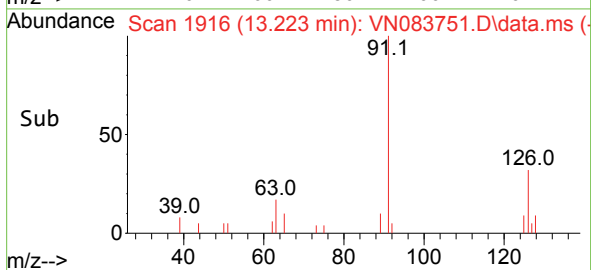
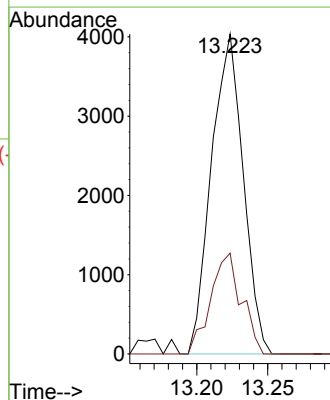
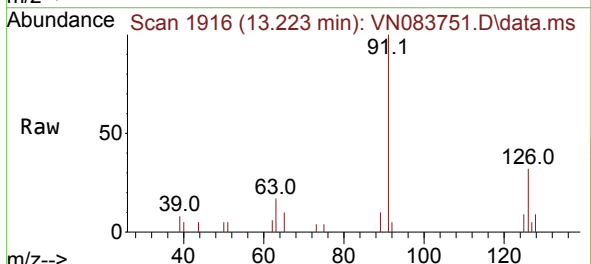
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBL01

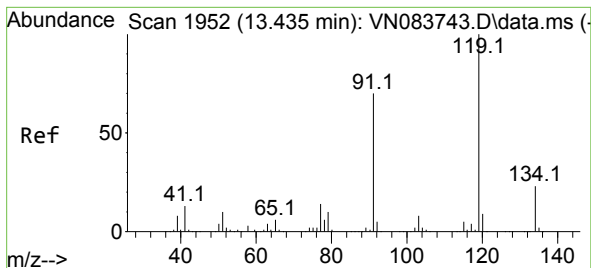
Tgt Ion: 75 Resp: 65167
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.916 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion: 91 Resp: 6283
Ion Ratio Lower Upper
91 100
126 30.5 15.4 46.2





#83

tert-Butylbenzene

Concen: 0.302 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBL01

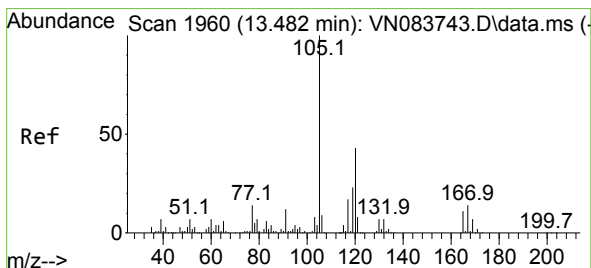
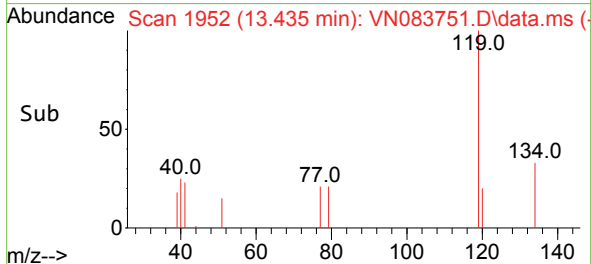
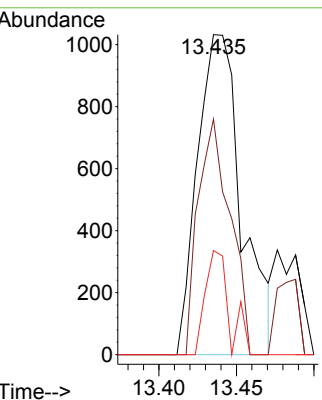
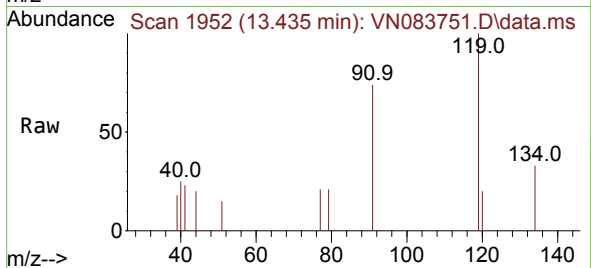
Tgt Ion:119 Resp: 2048

Ion Ratio Lower Upper

119 100

91 53.4 34.5 103.6

134 17.5 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 0.364 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN083751.D

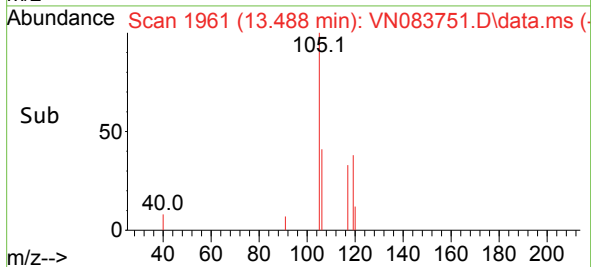
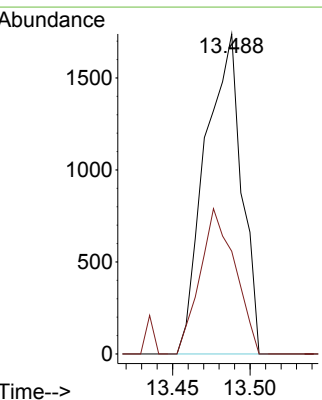
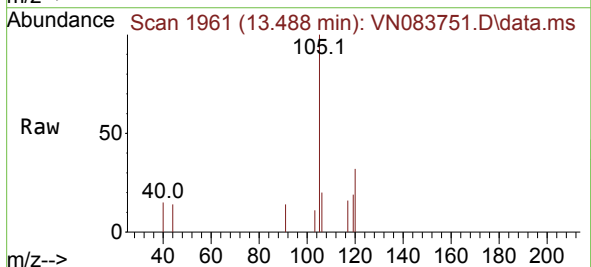
Acq: 10 Sep 2024 14:10

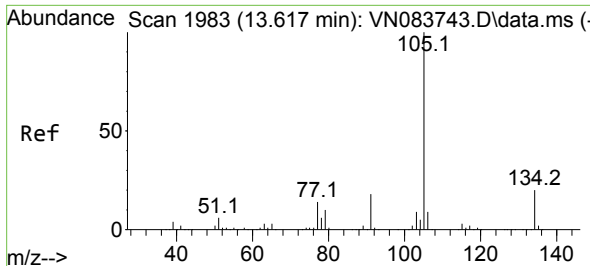
Tgt Ion:105 Resp: 2838

Ion Ratio Lower Upper

105 100

120 43.9 21.8 65.4

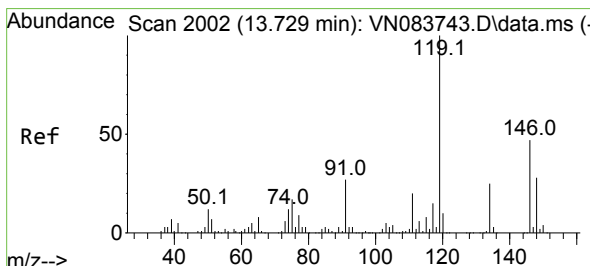
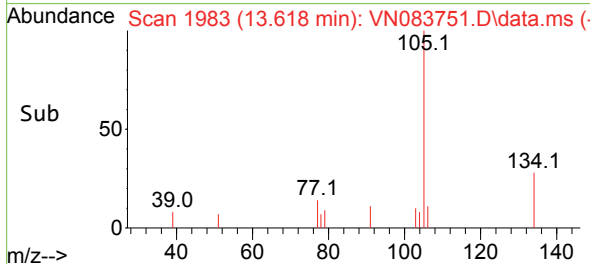
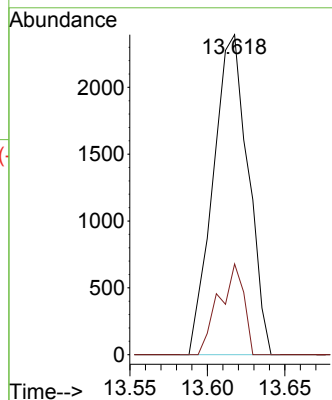
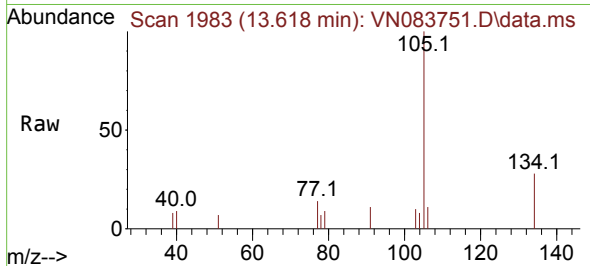




#85
 sec-Butylbenzene
 Concen: 0.418 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083751.D
 Acq: 10 Sep 2024 14:10

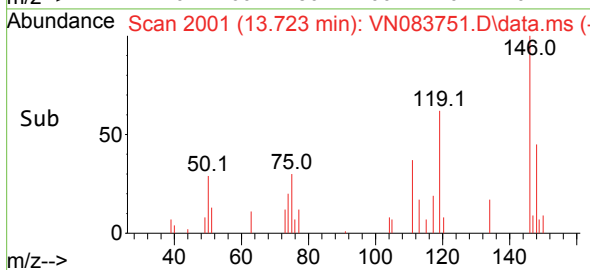
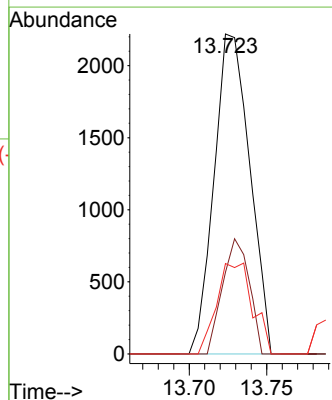
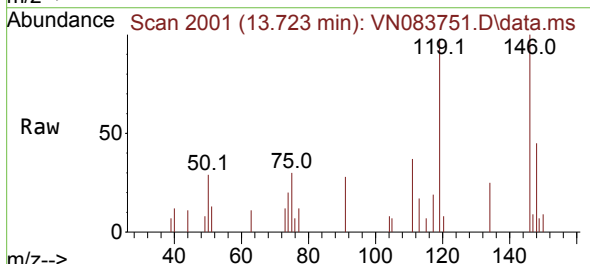
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBL01

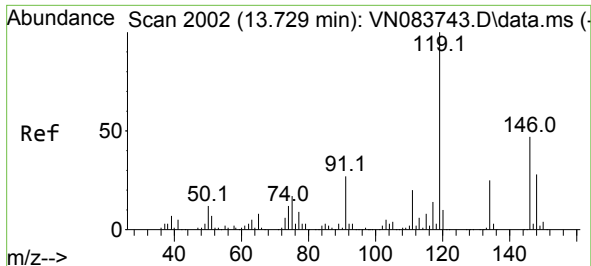
Tgt Ion:105 Resp: 3763
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 0.471 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN083751.D
 Acq: 10 Sep 2024 14:10

Tgt Ion:119 Resp: 3557
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 28.5 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 1.152 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083751.D

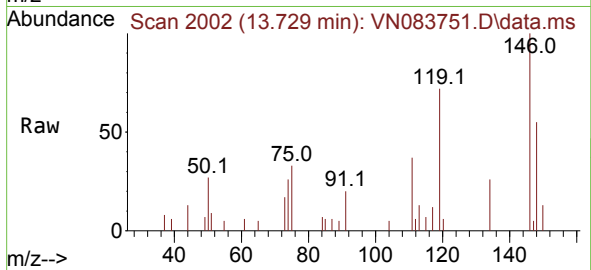
Acq: 10 Sep 2024 14:10

Instrument :

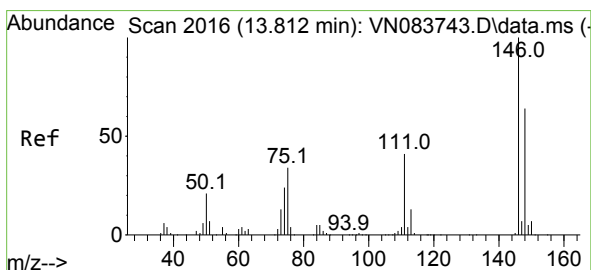
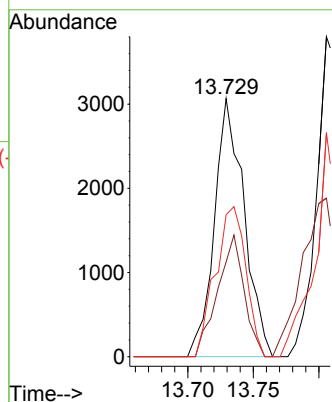
MSVOA_N

ClientSampleId :

VN0910MBL01



Tgt Ion:	146	Resp:	4819
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.7	65.1
148	59.8	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 1.495 ug/l

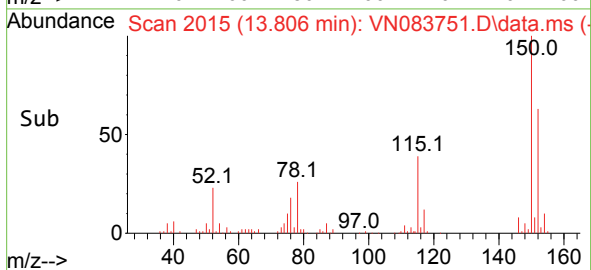
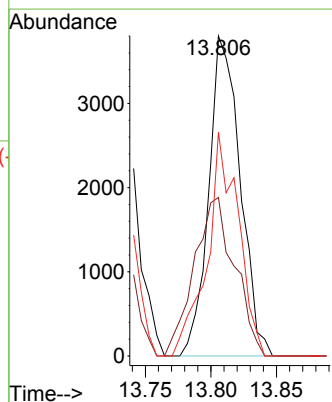
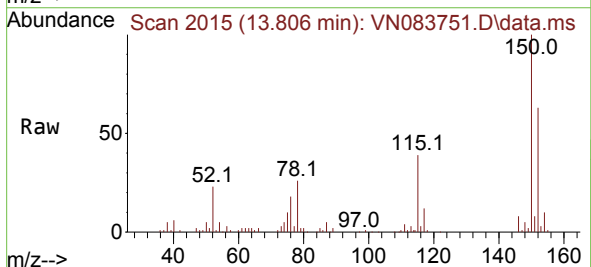
RT: 13.806 min Scan# 2015

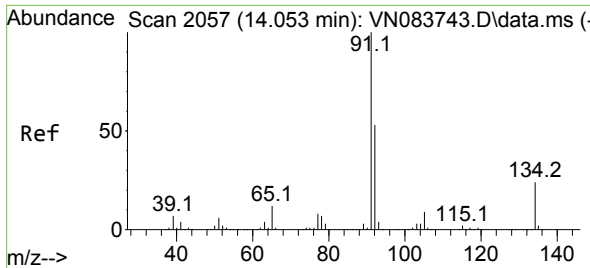
Delta R.T. -0.006 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

Tgt Ion:	146	Resp:	6333
Ion	Ratio	Lower	Upper
146	100		
111	63.9	21.3	64.0
148	69.4	32.0	96.2

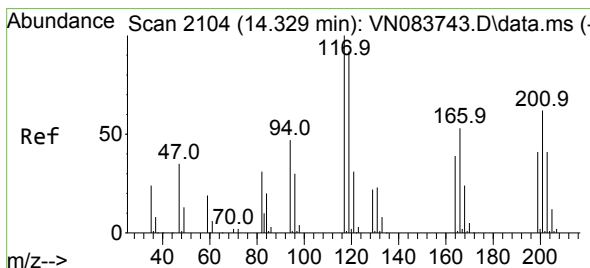
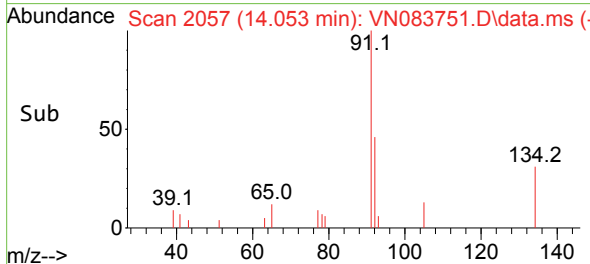
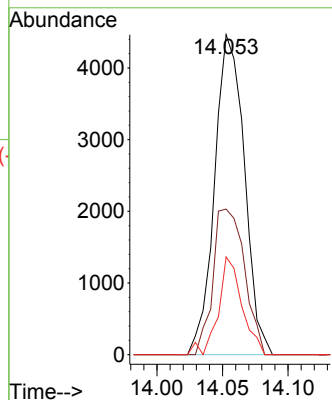
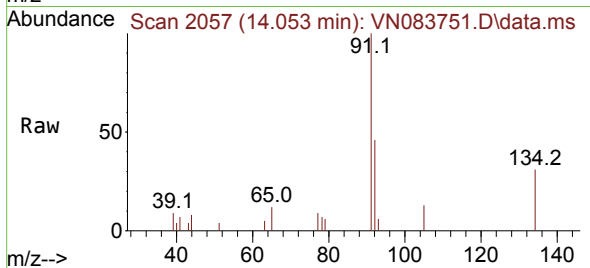




#89
n-Butylbenzene
Concen: 1.040 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

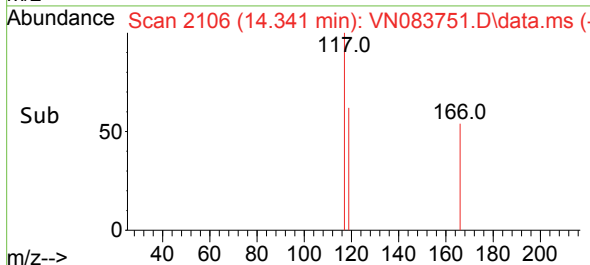
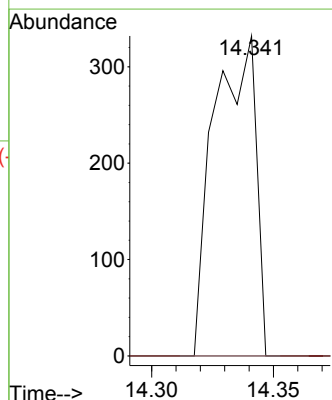
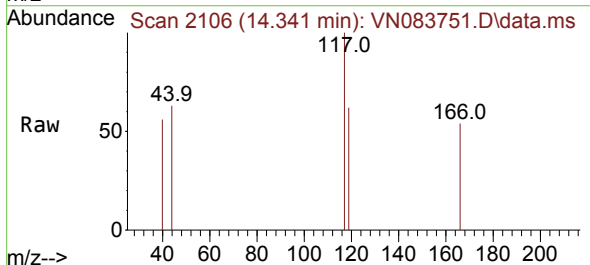
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBL01

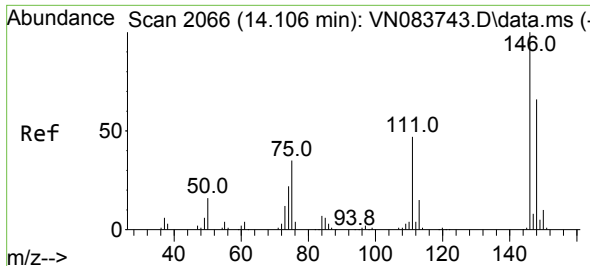
Tgt Ion:	91	Resp:	7051
Ion	Ratio	Lower	Upper
91	100		
92	48.2	26.7	80.1
134	24.2	12.2	36.4



#90
Hexachloroethane
Concen: 0.261 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.012 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion:	117	Resp:	396
Ion	Ratio	Lower	Upper
117	100		
201	0.0	32.8	98.3#

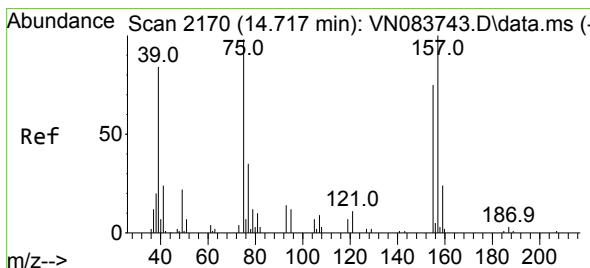
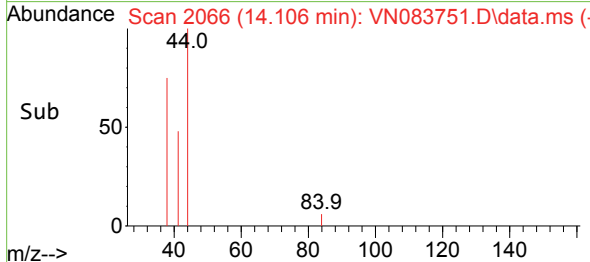
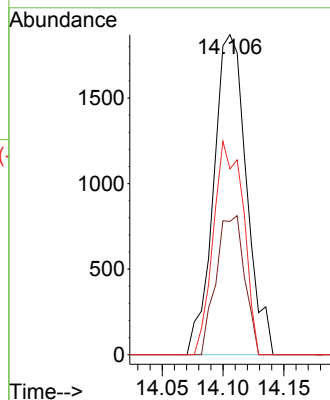
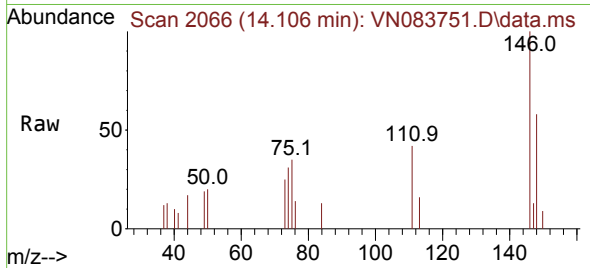




#91
1,2-Dichlorobenzene
Concen: 0.870 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

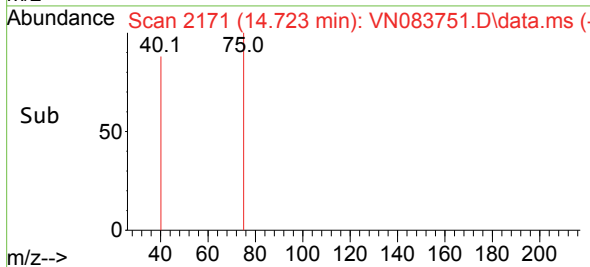
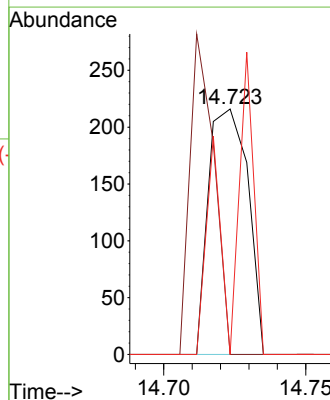
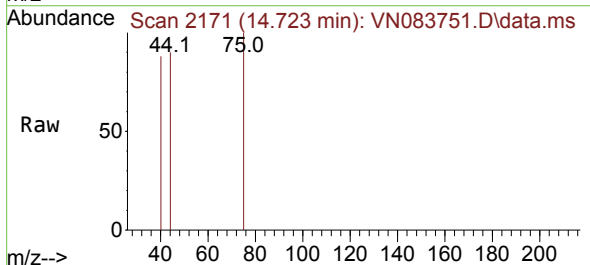
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBL01

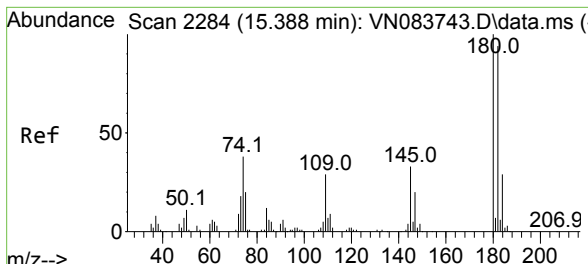
Tgt Ion:146 Resp: 3513
Ion Ratio Lower Upper
146 100
111 37.7 22.8 68.3
148 60.3 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.386 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083751.D
Acq: 10 Sep 2024 14:10

Tgt Ion: 75 Resp: 208
Ion Ratio Lower Upper
75 100
155 79.3 35.9 107.7
157 32.7 47.5 142.5#

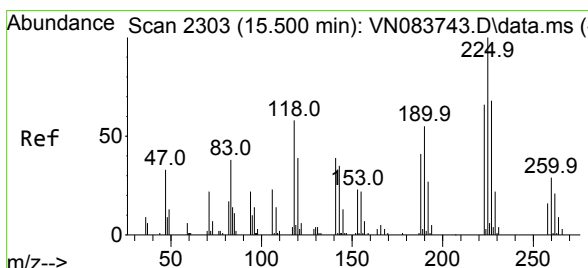
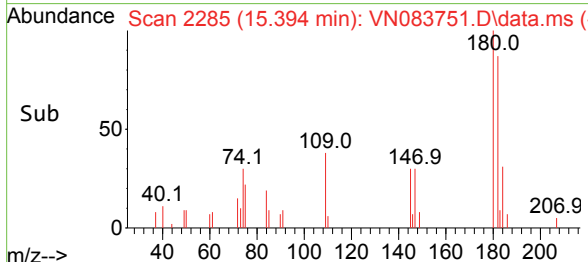
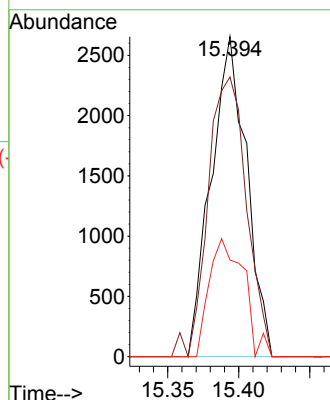
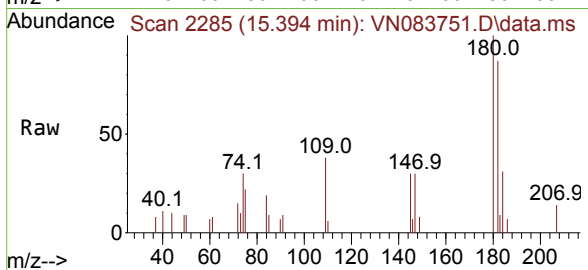




#93
 1,2,4-Trichlorobenzene
 Concen: 2.127 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083751.D
 Acq: 10 Sep 2024 14:10

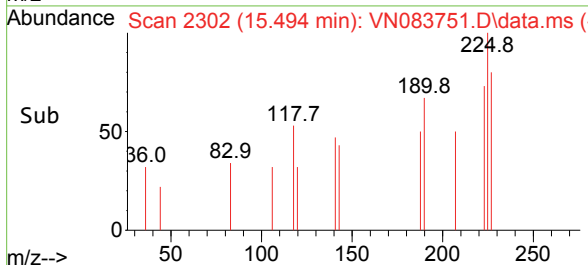
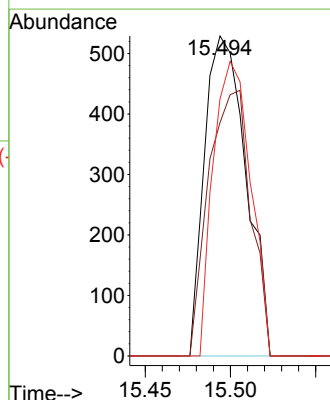
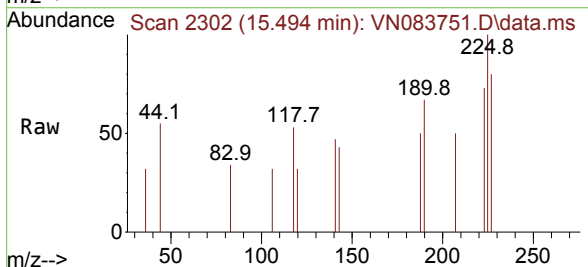
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBL01

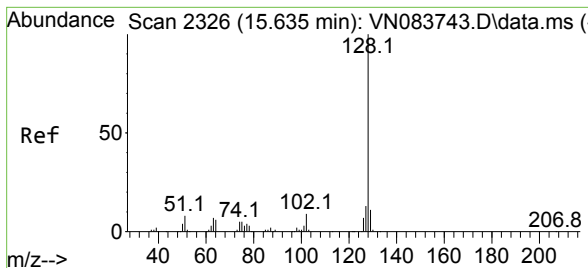
Tgt Ion:180 Resp: 4607
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.1 144.3
 145 36.0 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 0.975 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN083751.D
 Acq: 10 Sep 2024 14:10

Tgt Ion:225 Resp: 897
 Ion Ratio Lower Upper
 225 100
 223 84.2 31.9 95.5
 227 83.2 32.0 96.2





#95

Naphthalene

Concen: 1.820 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBL01

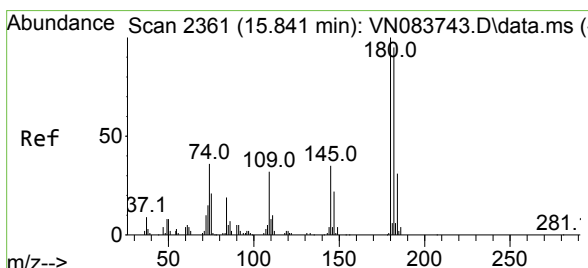
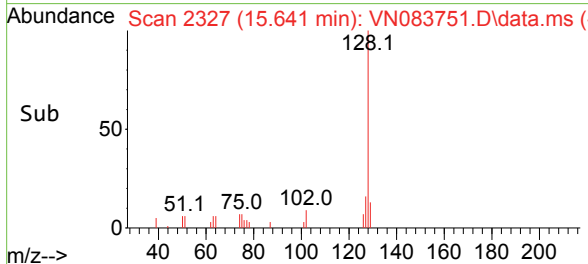
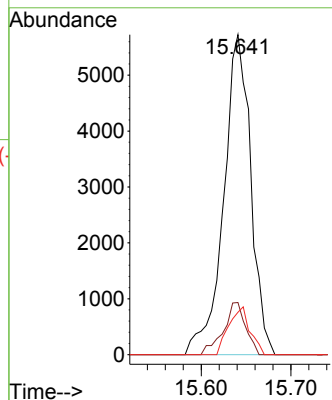
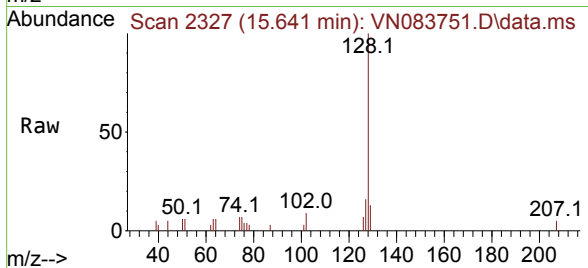
Tgt Ion:128 Resp: 11997

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.192 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083751.D

Acq: 10 Sep 2024 14:10

Tgt Ion:180 Resp: 4539

Ion Ratio Lower Upper

180 100

182 88.3 47.1 141.4

145 34.5 17.8 53.5

