

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082835.D
 Acq On : 09 Jul 2024 12:07
 Operator : JC\MD
 Sample : VN0709WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL01

Quant Time: Jul 10 01:19:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	106108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	200923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	199910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88074	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	82334	55.354	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.700%	
35) Dibromofluoromethane	8.171	113	66918	51.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.800%	
50) Toluene-d8	10.571	98	239687	50.334	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	12.853	95	82747	48.375	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.760%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	371	0.285	ug/l #	43
5) Bromomethane	2.965	94	571	0.579	ug/l	87
10) Methyl Iodide	4.589	142	525	0.460	ug/l #	38
13) Acrolein	4.200	56	67	0.371	ug/l #	77
16) Acetone	4.441	43	564	1.077	ug/l #	48
17) Carbon Disulfide	4.712	76	1636	0.505	ug/l #	75
20) Methylene Chloride	5.277	84	650	0.514	ug/l #	86
23) Vinyl Acetate	6.612	43	2909	1.037	ug/l #	75
25) 2-Butanone	7.482	43	256	0.324	ug/l #	53
31) Cyclohexane	8.224	56	2581	1.327	ug/l #	31
36) 1,1-Dichloropropene	8.229	75	9455	5.319	ug/l #	50
38) Carbon Tetrachloride	8.224	117	11848	5.536	ug/l #	16
42) 1,2-Dichloroethane	8.677	62	547	0.278	ug/l #	78
43) Isopropyl Acetate	8.694	43	6426	Below Cal	#	60
46) Dibromomethane	9.718	93	199	0.200	ug/l #	76
48) Methyl methacrylate	9.688	41	296	0.209	ug/l #	29
51) 4-Methyl-2-Pentanone	10.453	43	1455	0.811	ug/l #	78
53) t-1,3-Dichloropropene	10.835	75	543	0.257	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	548	0.246	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.165	63	1138	1.135	ug/l #	84
59) 2-Hexanone	11.206	43	1222	0.916	ug/l	97
61) 1,2-Dibromoethane	11.465	107	364	0.273	ug/l	99
65) Chlorobenzene	11.888	112	902	0.211	ug/l	97
68) m/p-Xylenes	12.076	106	607	0.223	ug/l	81
75) 1,1,2,2-Tetrachloroethane	12.941	83	461	0.241	ug/l #	76
76) 1,2,3-Trichloropropane	12.853	75	45611	30.038	ug/l #	1
77) Bromobenzene	12.988	156	366	0.222	ug/l	63
78) n-propylbenzene	13.035	91	1802	0.245	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.853	75	45611	59.076	ug/l #	6
85) sec-Butylbenzene	13.623	105	1487	0.240	ug/l #	70
87) 1,3-Dichlorobenzene	13.741	146	1000	0.335	ug/l	87
88) 1,4-Dichlorobenzene	13.741	146	1000	0.324	ug/l	87
89) n-Butylbenzene	14.070	91	2109	0.476	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	1304	0.450	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	1256	0.805	ug/l	98
94) Hexachlorobutadiene	15.505	225	598	0.865	ug/l	83

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Instrument :
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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

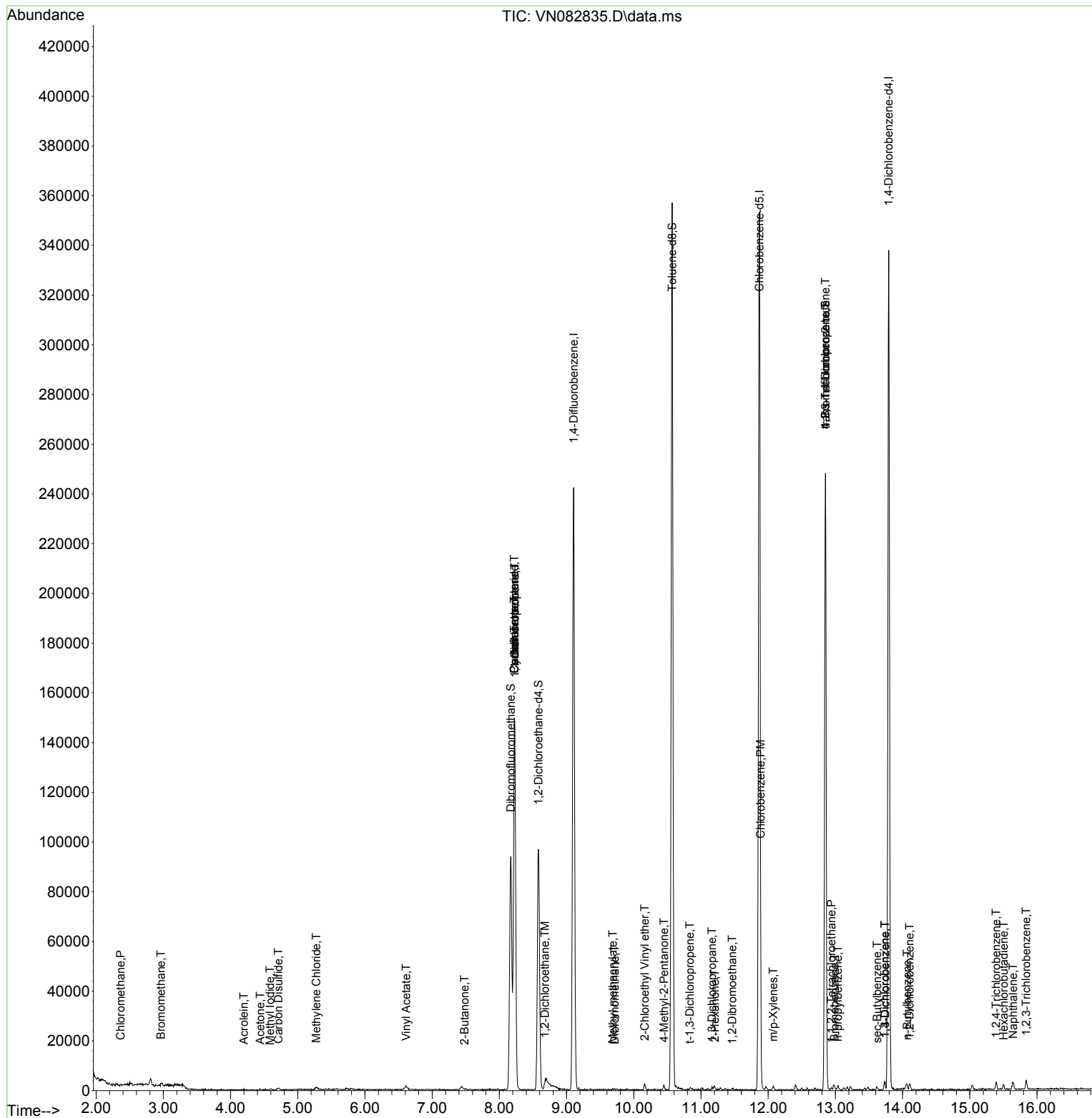
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.647	128	3690	0.691	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.841	180	1428	0.890	ug/l	95

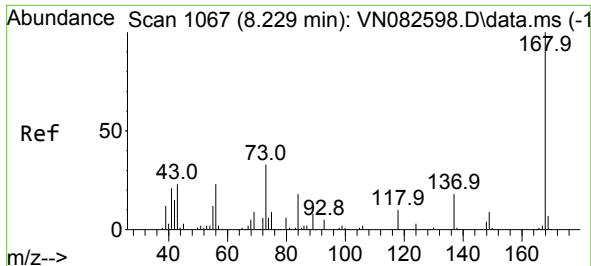
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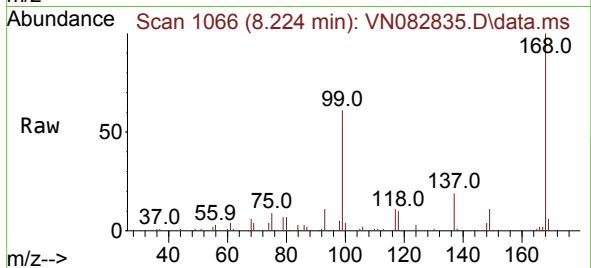
Quant Time: Jul 10 01:19:05 2024
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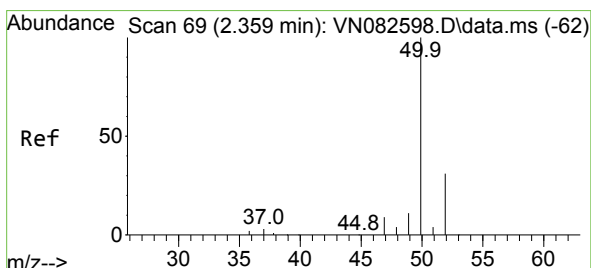
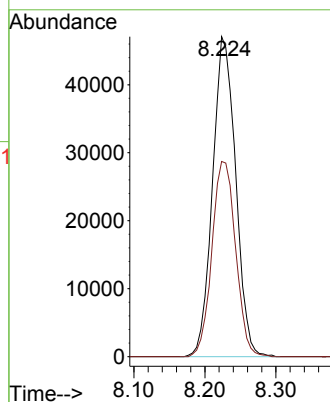
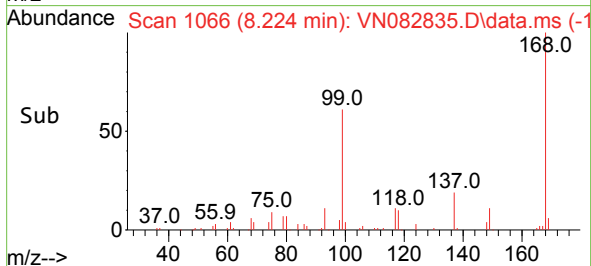


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

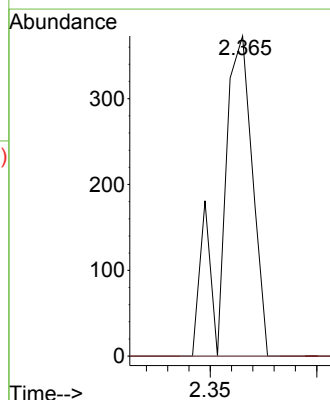
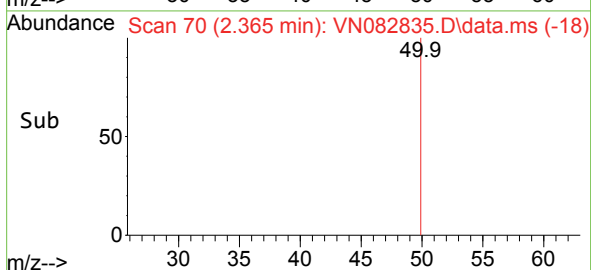
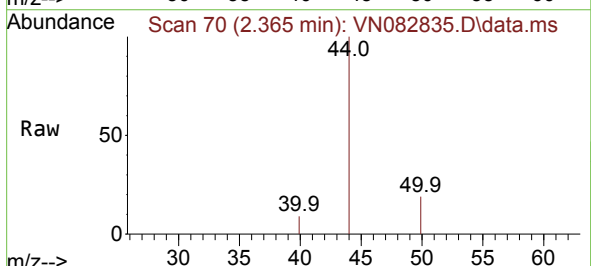


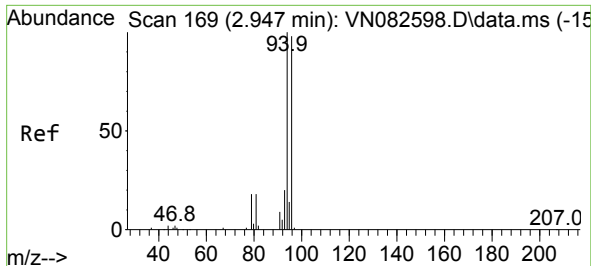
Tgt Ion:168 Resp: 106108
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#3
Chloromethane
Concen: 0.285 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion: 50 Resp: 371
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

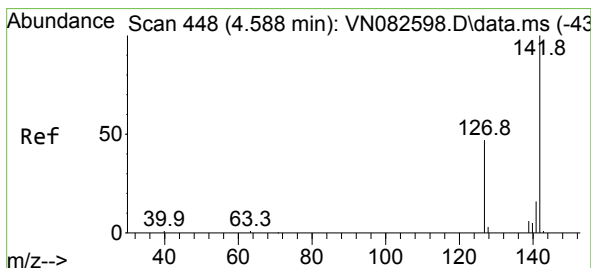
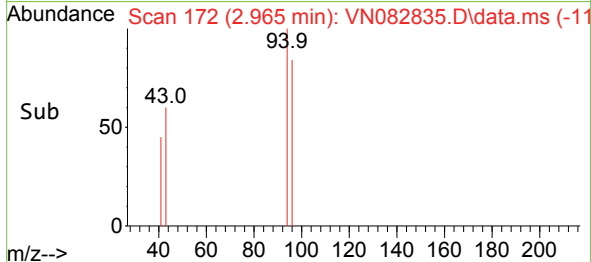
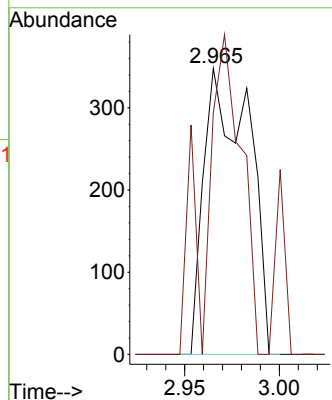
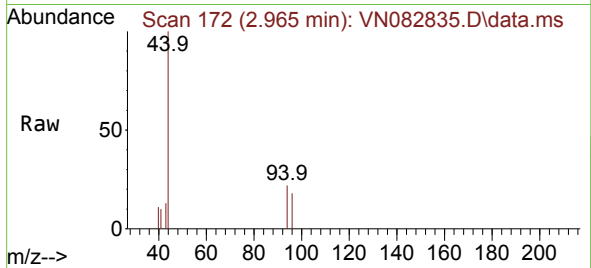




#5
Bromomethane
Concen: 0.579 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

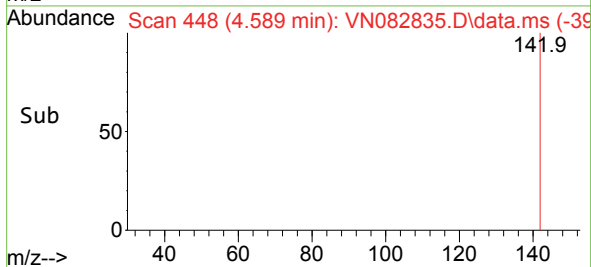
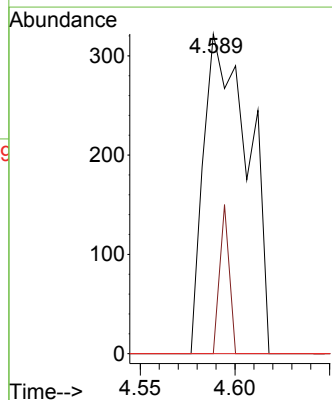
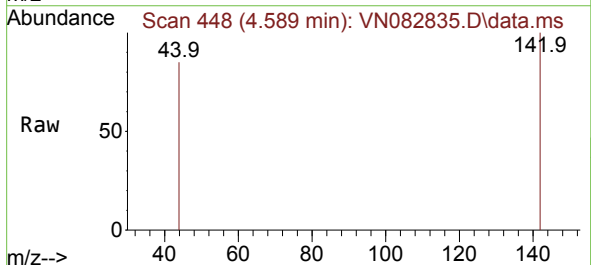
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

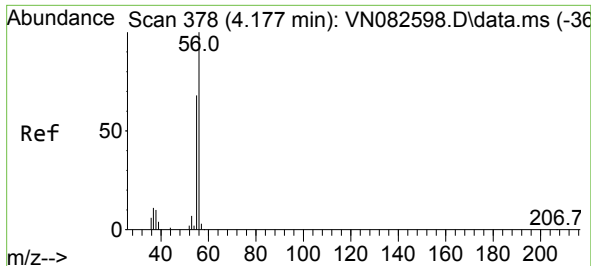
Tgt Ion: 94 Resp: 571
Ion Ratio Lower Upper
94 100
96 84.5 78.0 117.0



#10
Methyl Iodide
Concen: 0.460 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion:142 Resp: 525
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#

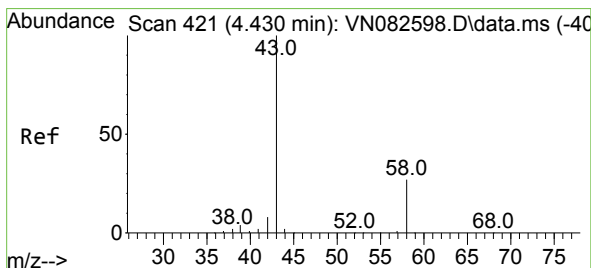
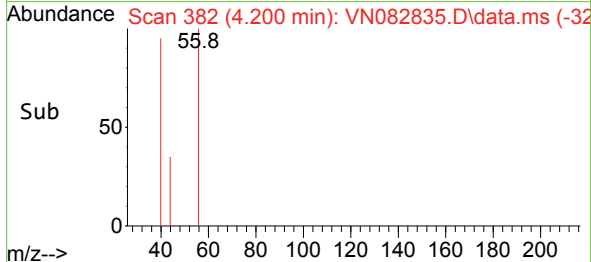
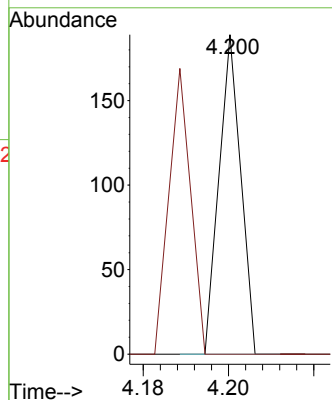
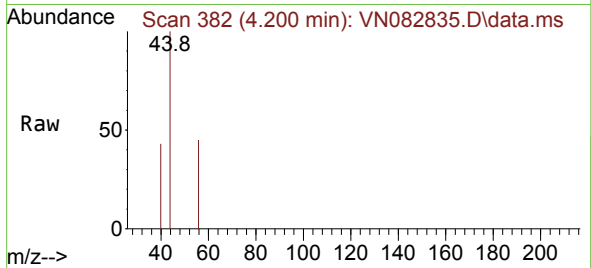




#13
Acrolein
Concen: 0.371 ug/l
RT: 4.200 min Scan# 31
Delta R.T. 0.023 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

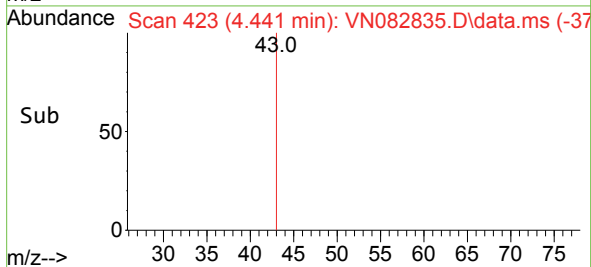
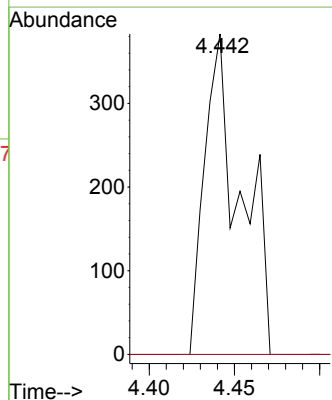
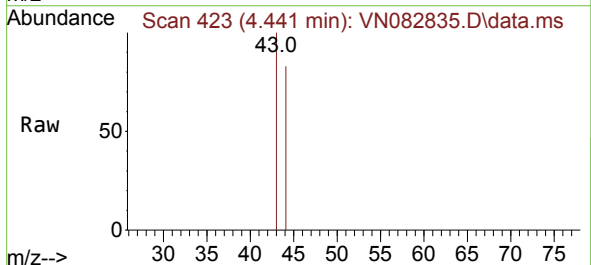
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

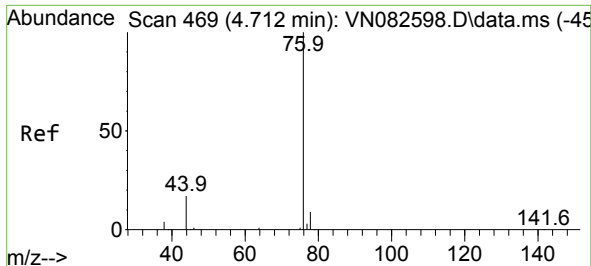
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 89.6 56.4 84.6#



#16
Acetone
Concen: 1.077 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

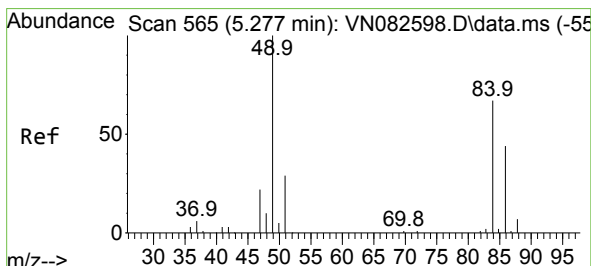
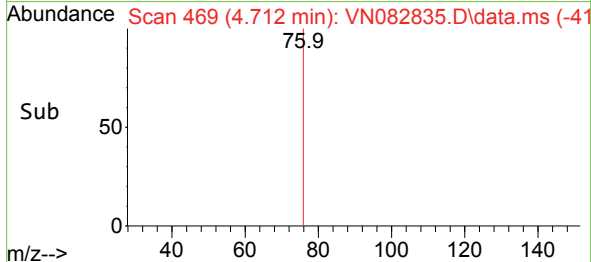
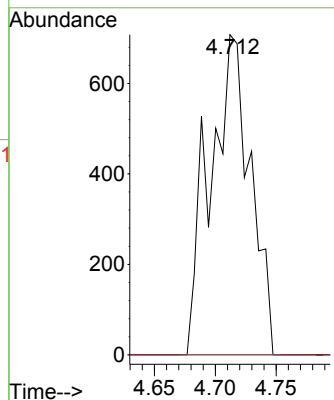
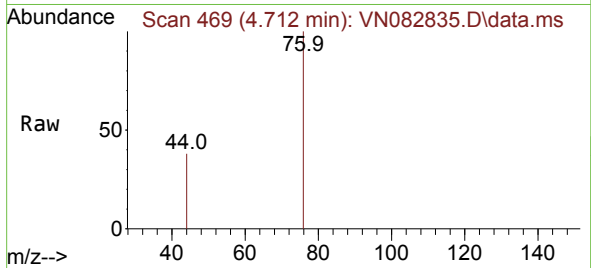




#17
Carbon Disulfide
Concen: 0.505 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

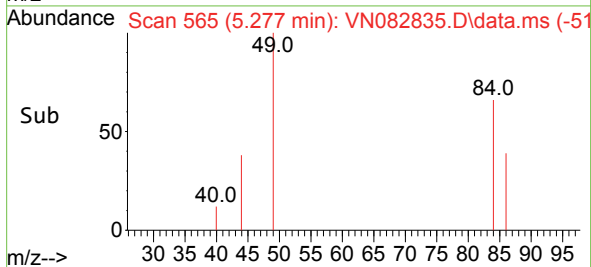
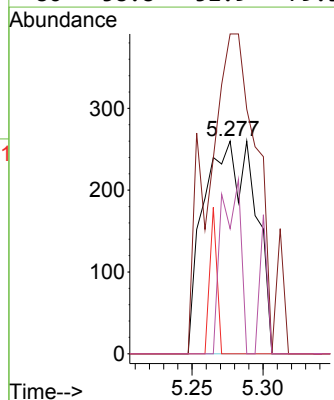
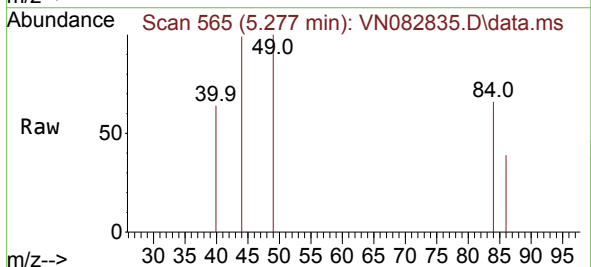
Instrument :
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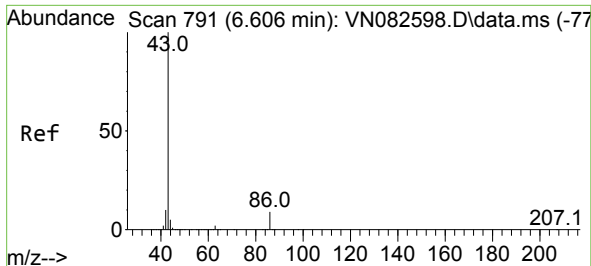
Tgt Ion: 76 Resp: 1636
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.514 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion: 84 Resp: 650
Ion Ratio Lower Upper
84 100
49 150.4 119.6 179.4
51 0.0 34.8 52.2#
86 58.8 52.9 79.3

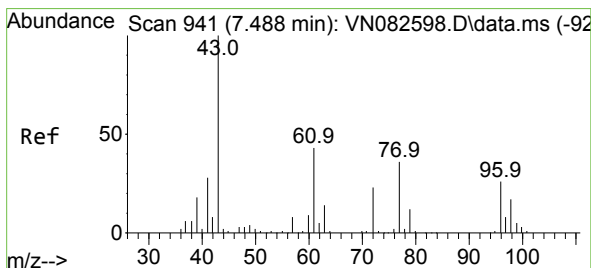
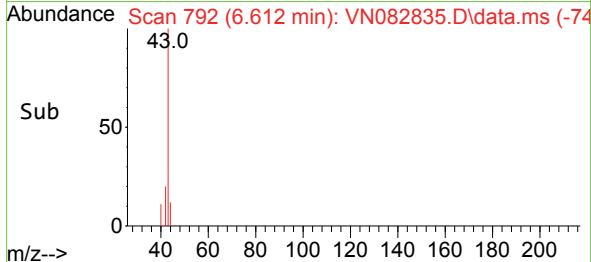
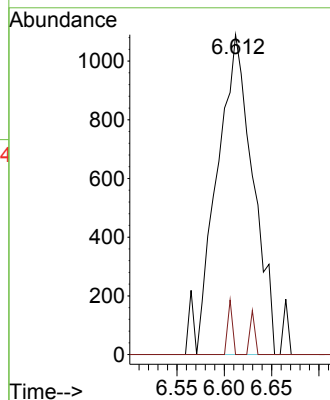
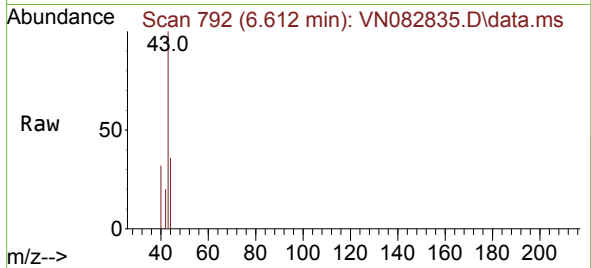




#23
 Vinyl Acetate
 Concen: 1.037 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082835.D
 Acq: 09 Jul 2024 12:07

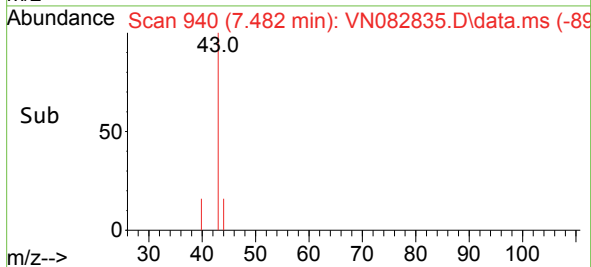
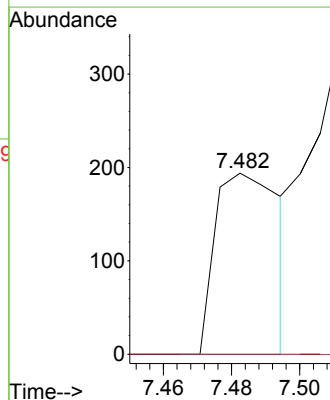
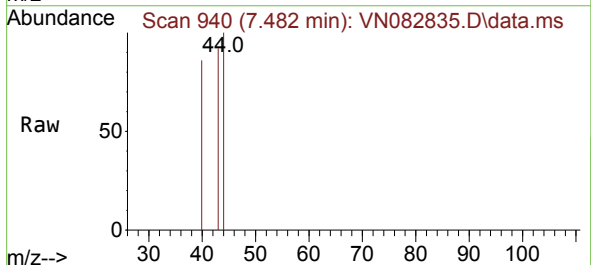
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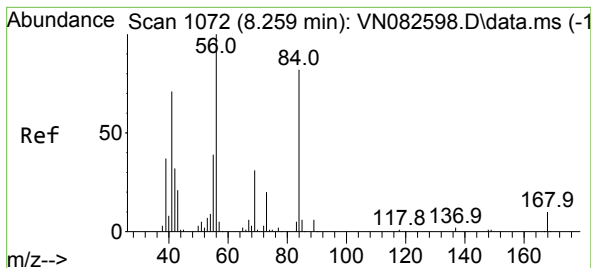
Tgt Ion: 43 Resp: 2909
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#25
 2-Butanone
 Concen: 0.324 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN082835.D
 Acq: 09 Jul 2024 12:07

Tgt Ion: 43 Resp: 256
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.2 27.2#





#31

Cyclohexane

Concen: 1.327 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBL01

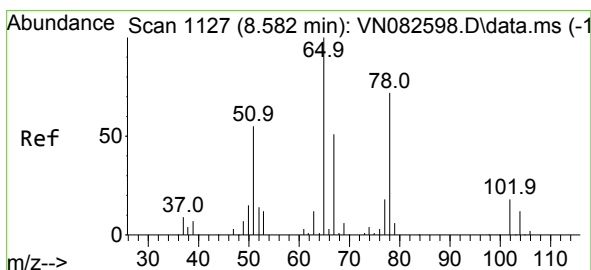
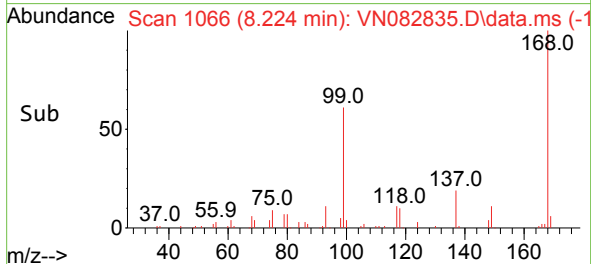
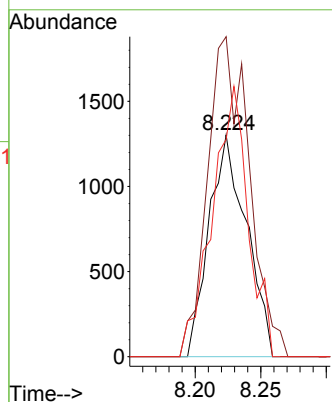
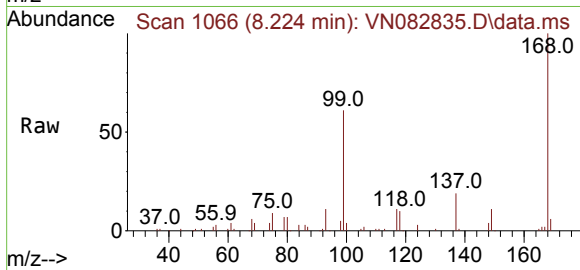
Tgt Ion: 56 Resp: 2581

Ion Ratio Lower Upper

56 100

69 144.3 24.5 36.7#

84 97.9 66.0 99.0



#33

1,2-Dichloroethane-d4

Concen: 55.354 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082835.D

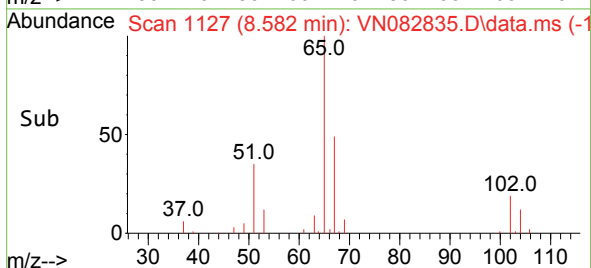
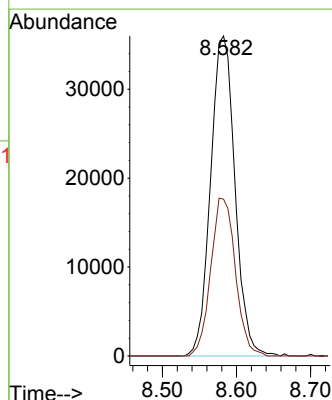
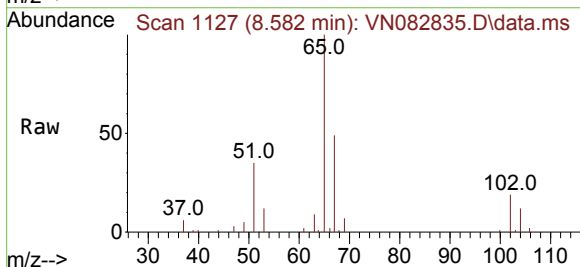
Acq: 09 Jul 2024 12:07

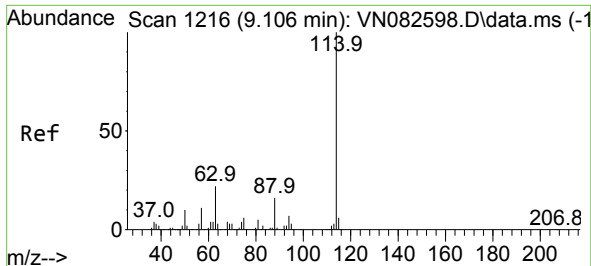
Tgt Ion: 65 Resp: 82334

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.4

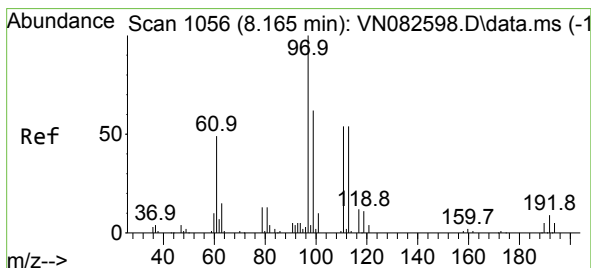
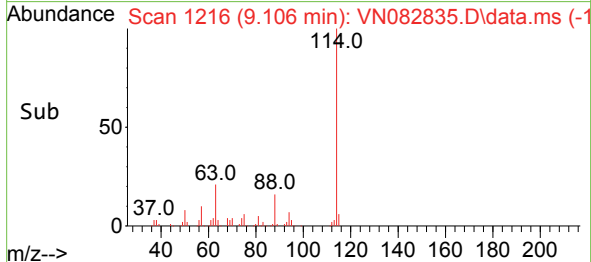
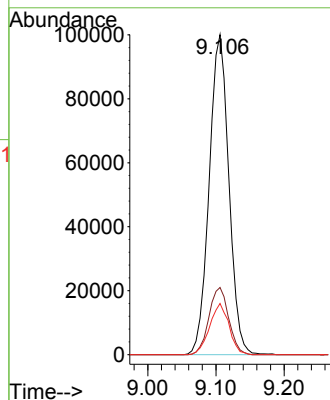
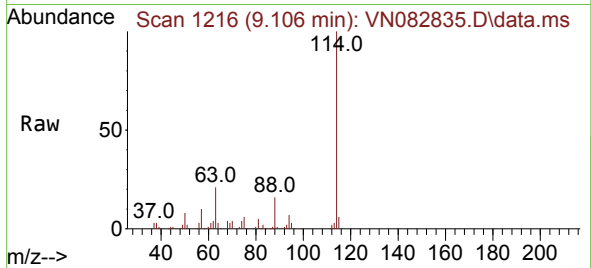




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

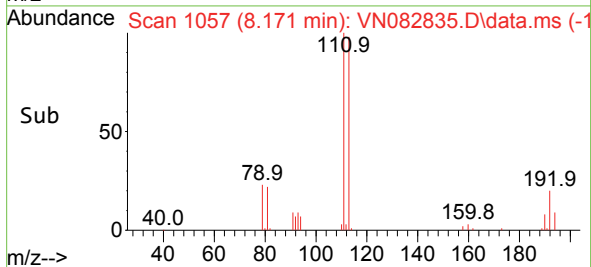
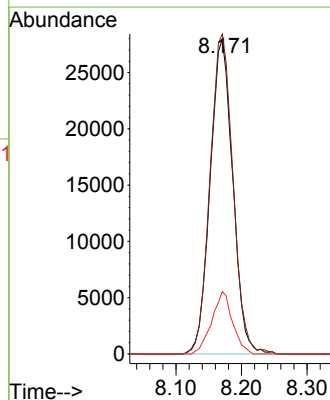
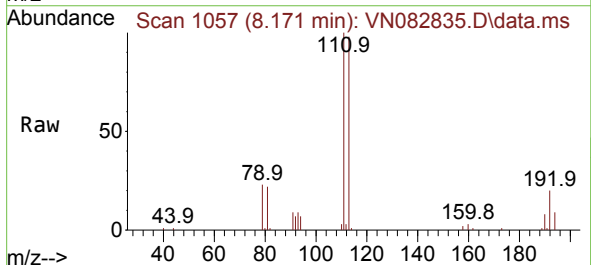
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

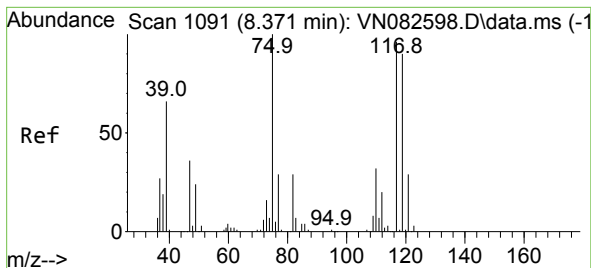
Tgt Ion:114 Resp: 200923
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.904 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion:113 Resp: 66918
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 18.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.319 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBL01

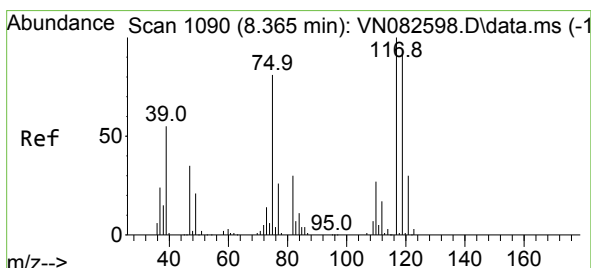
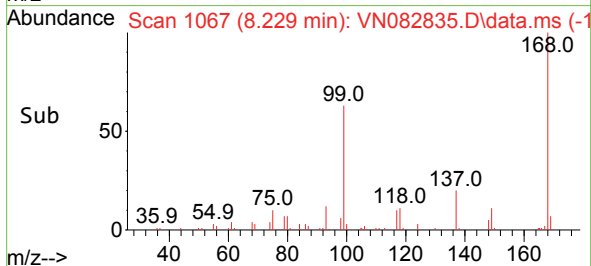
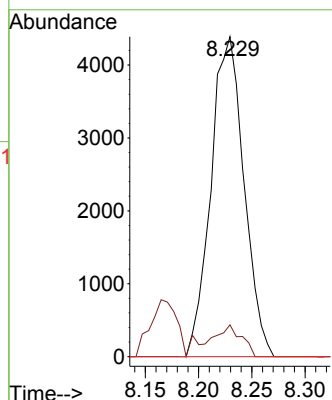
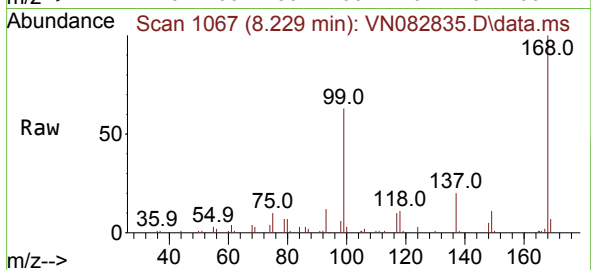
Tgt Ion: 75 Resp: 9455

Ion Ratio Lower Upper

75 100

110 7.7 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.536 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

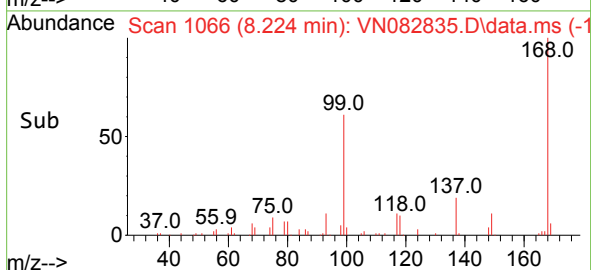
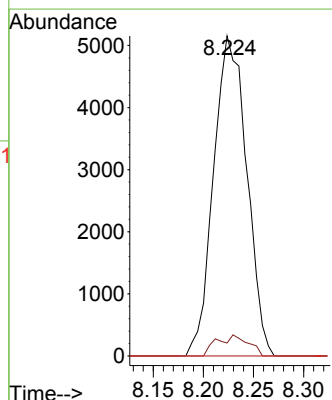
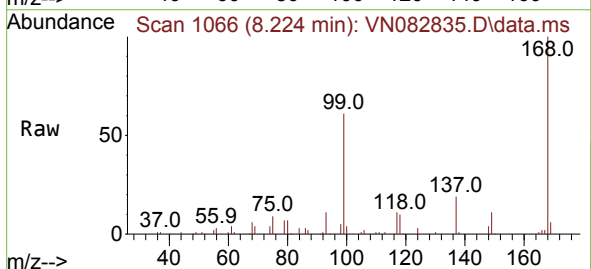
Tgt Ion: 117 Resp: 11848

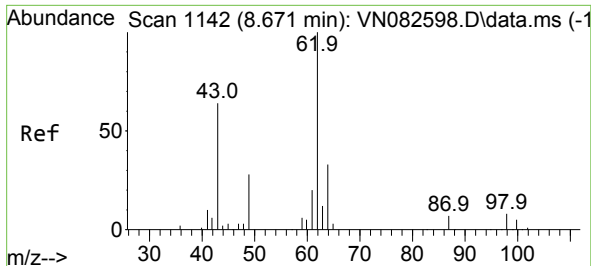
Ion Ratio Lower Upper

117 100

119 4.1 74.9 112.3#

121 0.0 24.3 36.5#





#42

1,2-Dichloroethane

Concen: 0.278 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

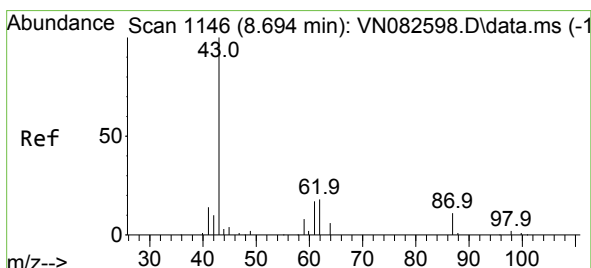
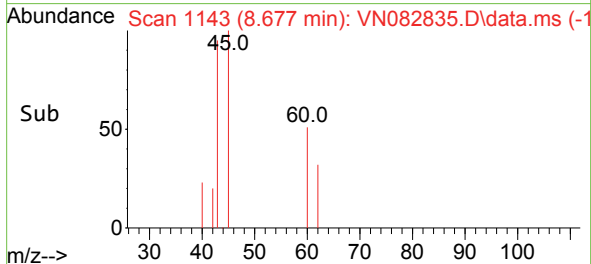
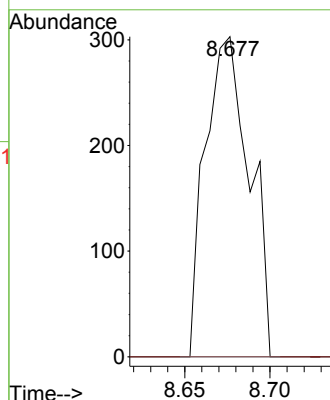
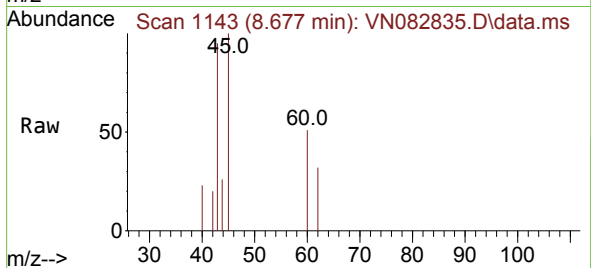
VN0709WBL01

Tgt Ion: 62 Resp: 547

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

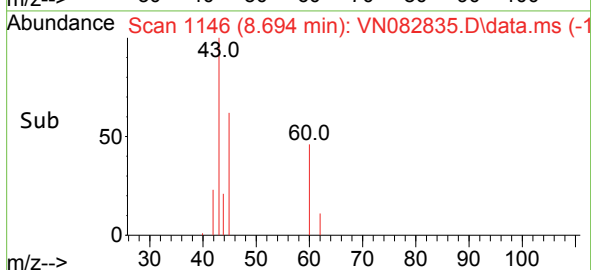
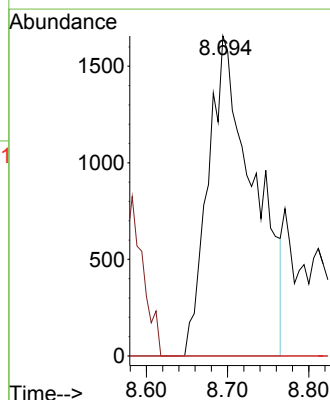
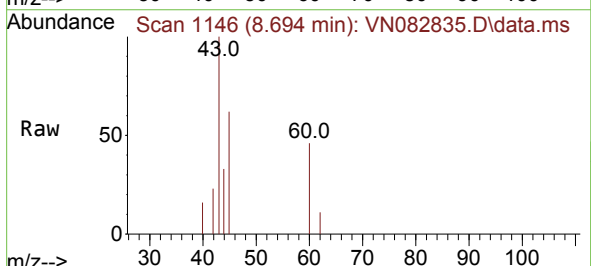
Tgt Ion: 43 Resp: 6426

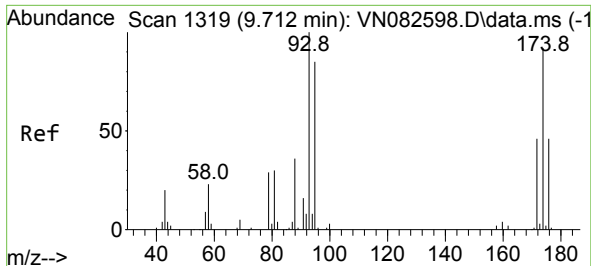
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

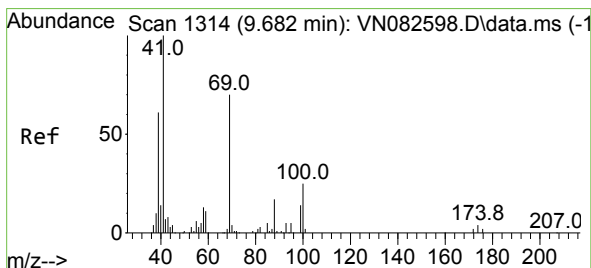
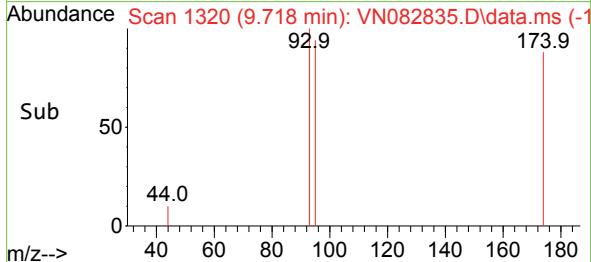
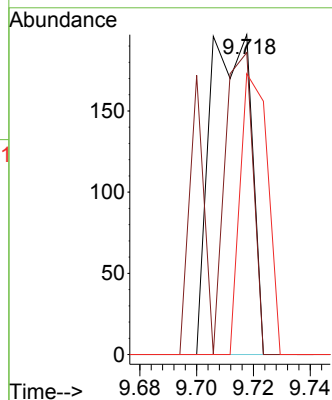
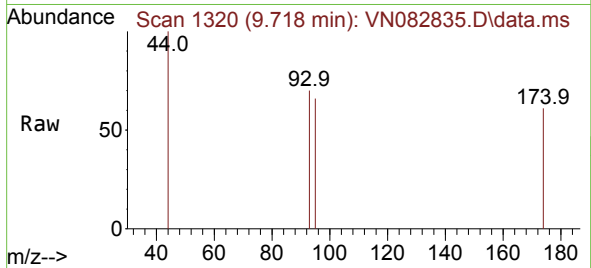




#46
Dibromomethane
Concen: 0.200 ug/l
RT: 9.718 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

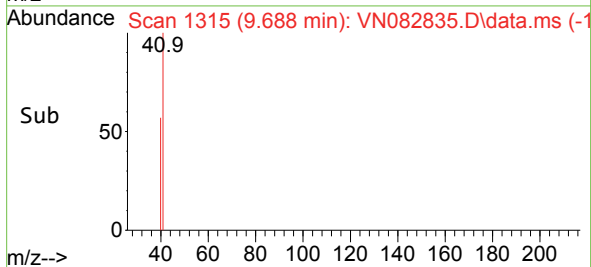
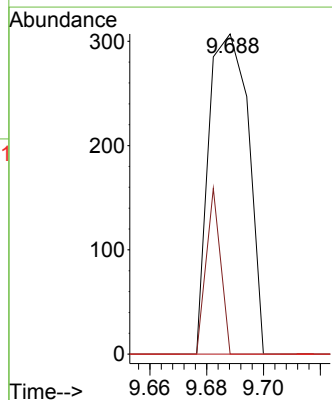
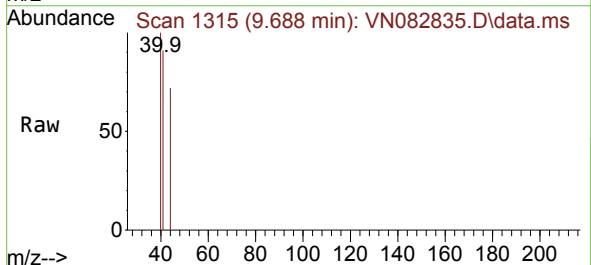
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

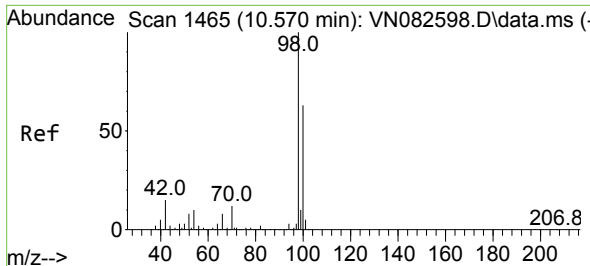
Tgt Ion: 93 Resp: 199
Ion Ratio Lower Upper
93 100
95 94.0 65.8 98.6
174 58.3 71.7 107.5#



#48
Methyl methacrylate
Concen: 0.209 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion: 41 Resp: 296
Ion Ratio Lower Upper
41 100
69 18.9 56.3 84.5#
39 0.0 50.3 75.5#

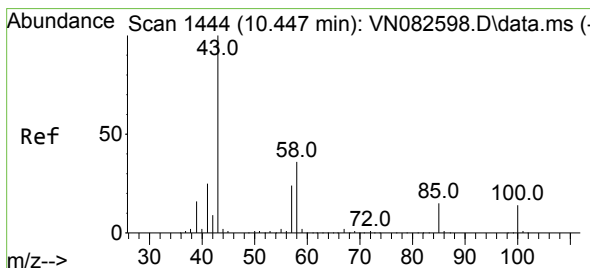
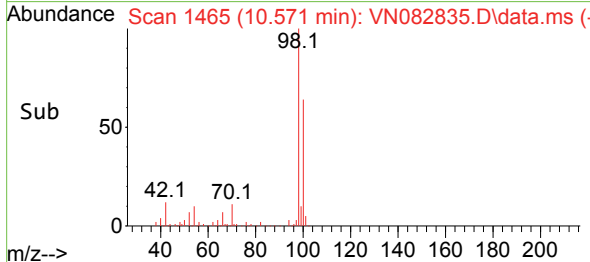
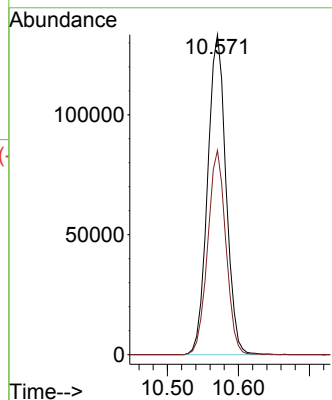
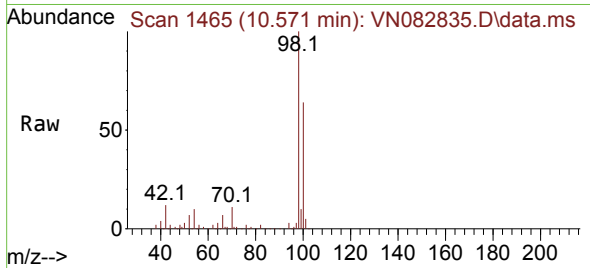




#50
Toluene-d8
Concen: 50.334 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

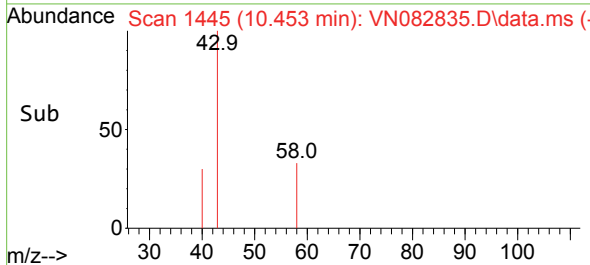
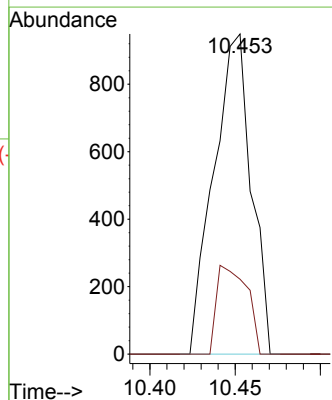
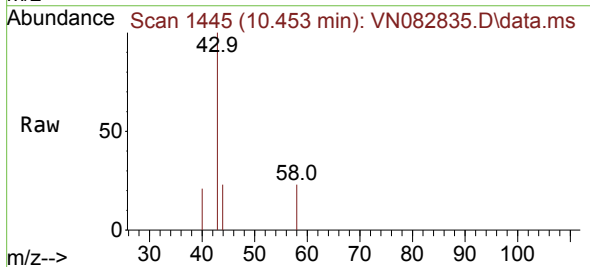
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

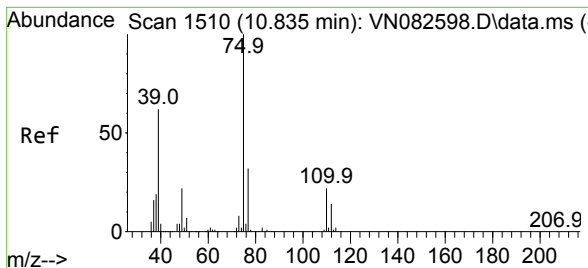
Tgt Ion: 98 Resp: 239687
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.811 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 22.3 28.2 42.4#

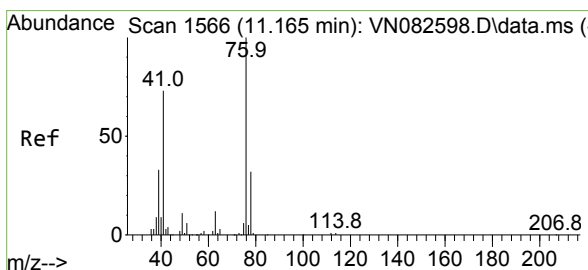
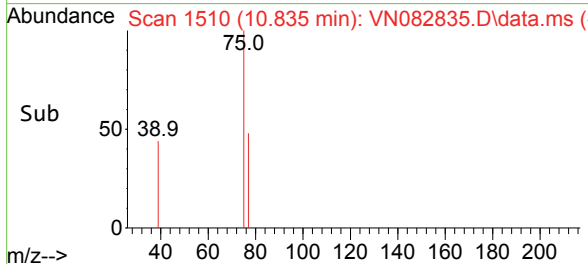
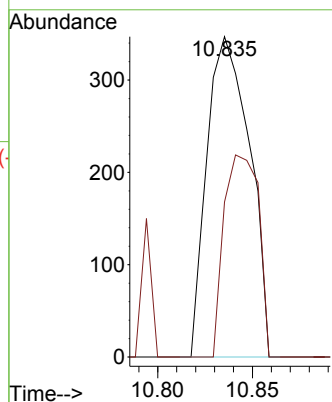
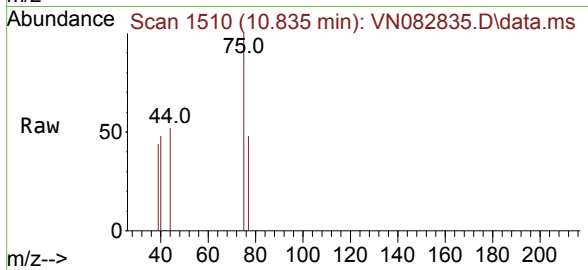




#53
t-1,3-Dichloropropene
Concen: 0.257 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

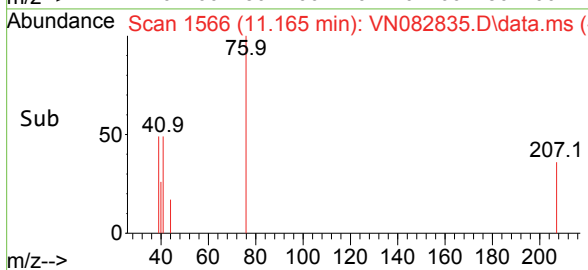
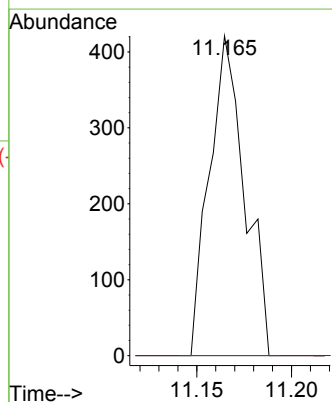
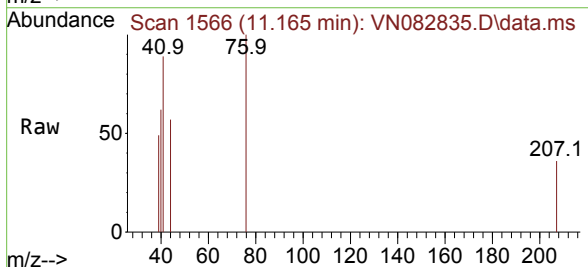
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

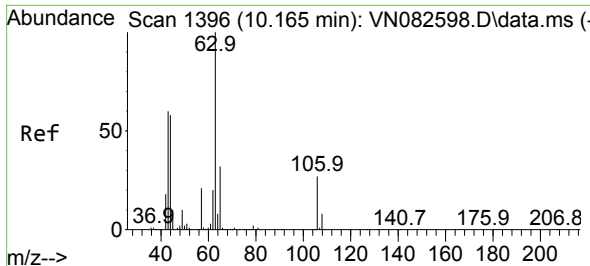
Tgt Ion: 75 Resp: 543
Ion Ratio Lower Upper
75 100
77 48.4 25.7 38.5#



#57
1,3-Dichloropropane
Concen: 0.246 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion: 76 Resp: 548
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

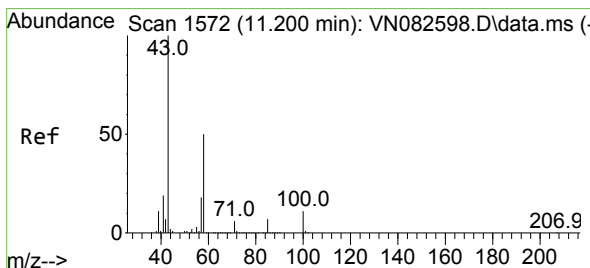
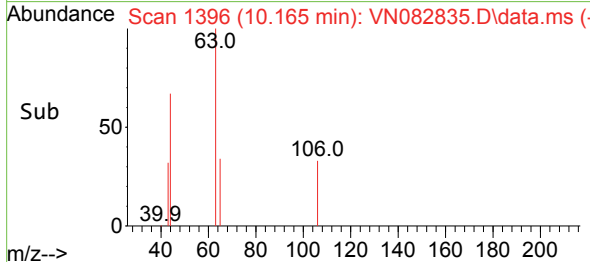
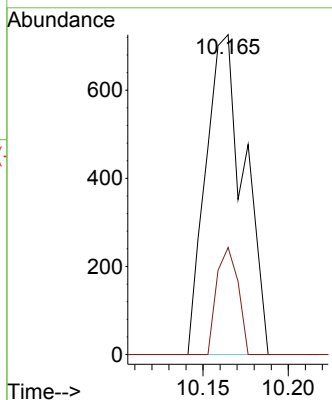
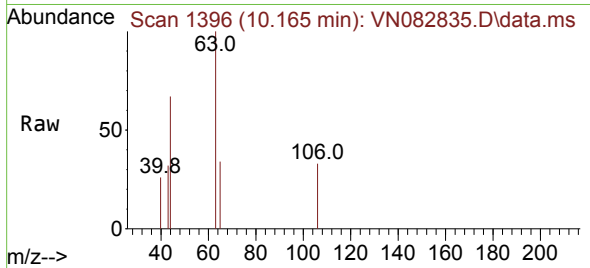




#58
2-Chloroethyl Vinyl ether
Concen: 1.135 ug/l
RT: 10.165 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

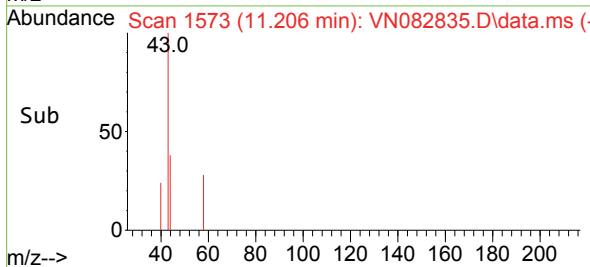
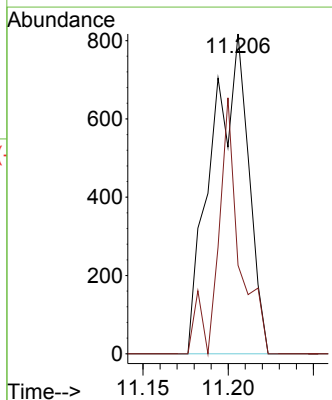
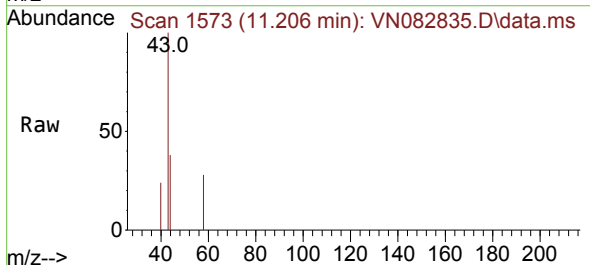
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

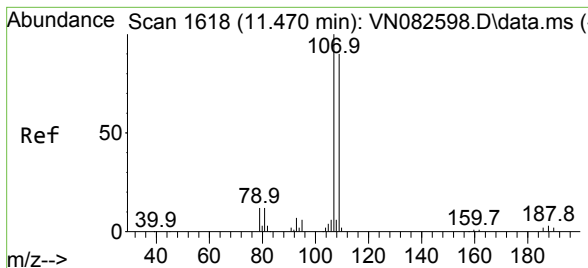
Tgt Ion: 63 Resp: 1138
Ion Ratio Lower Upper
63 100
106 18.6 21.4 32.0#



#59
2-Hexanone
Concen: 0.916 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 47.1 24.6 73.8

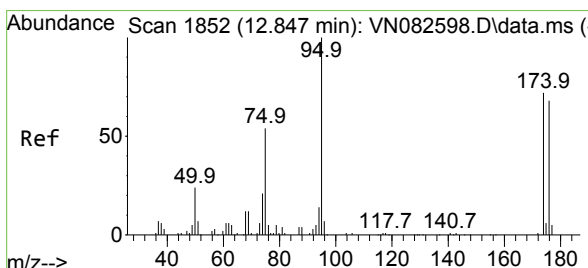
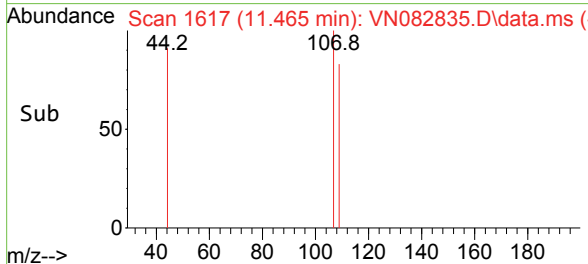
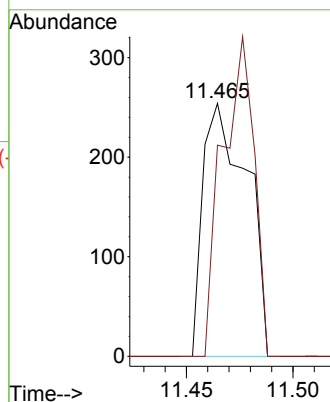
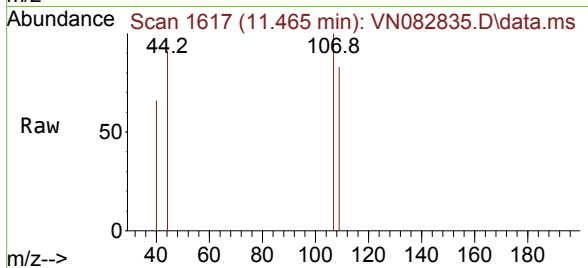




#61
1,2-Dibromoethane
Concen: 0.273 ug/l
RT: 11.465 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

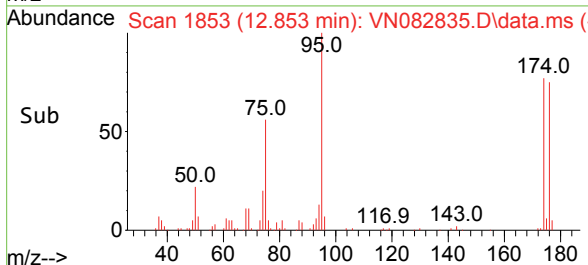
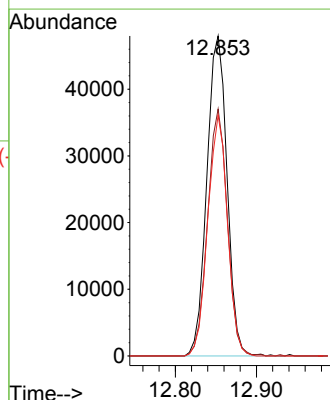
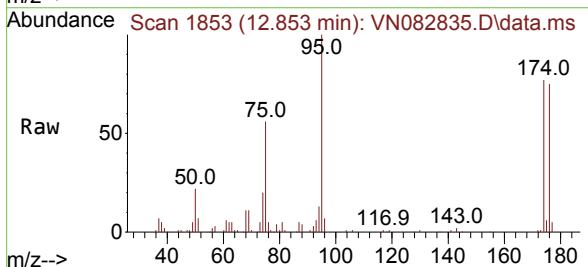
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

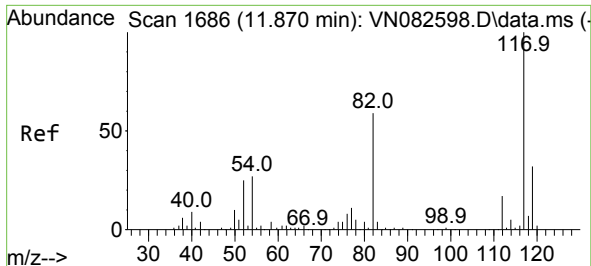
Tgt Ion:107 Resp: 364
Ion Ratio Lower Upper
107 100
109 91.5 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 48.375 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion: 95 Resp: 82747
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.2
176 73.4 0.0 147.6

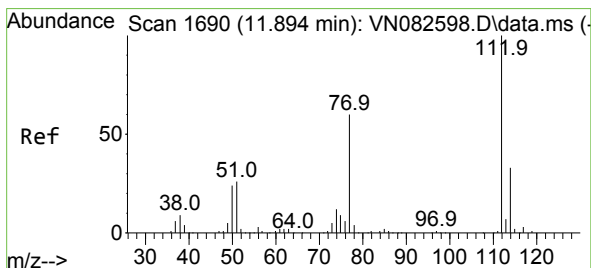
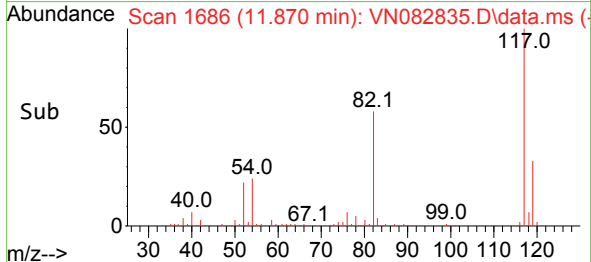
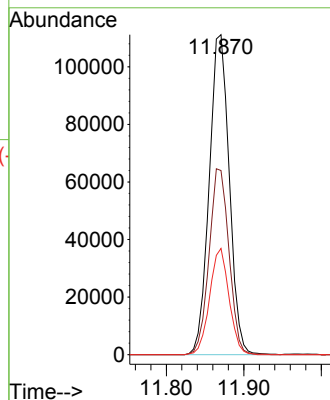
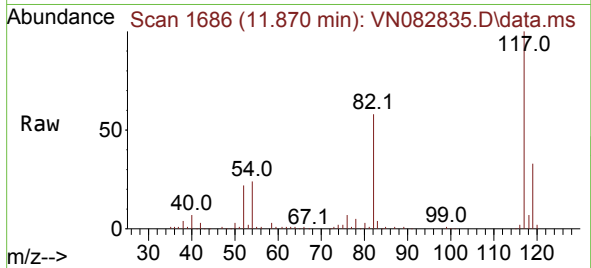




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

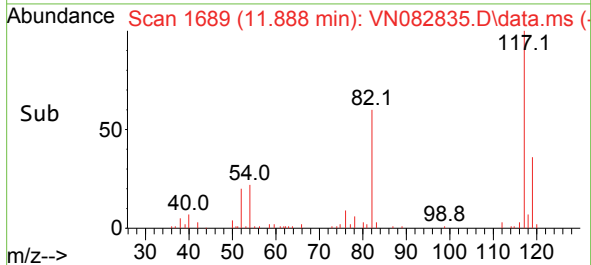
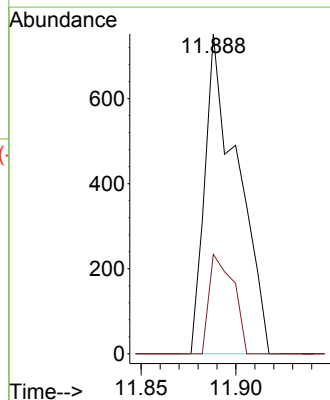
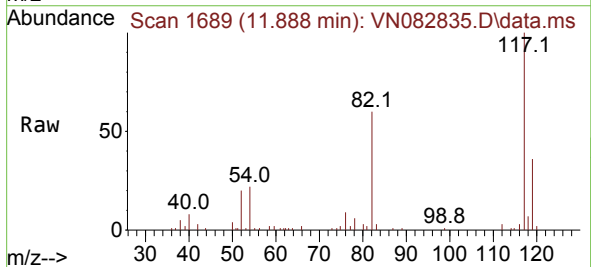
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

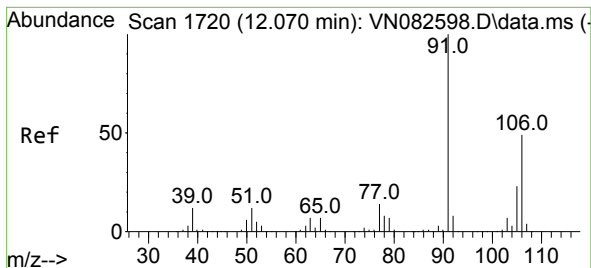
Tgt Ion:117 Resp: 199910
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 33.2 25.6 38.4



#65
Chlorobenzene
Concen: 0.211 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion:112 Resp: 902
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2





#68

m/p-Xylenes

Concen: 0.223 ug/l

RT: 12.076 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

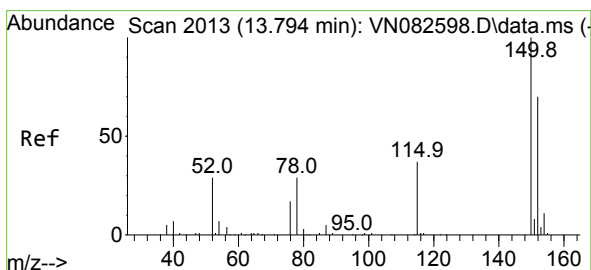
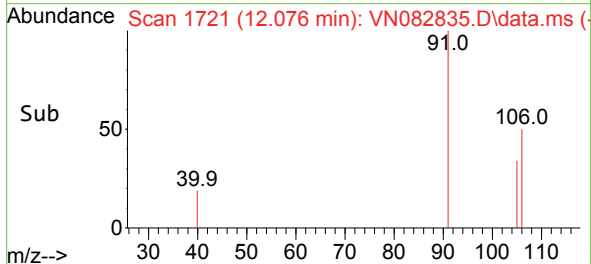
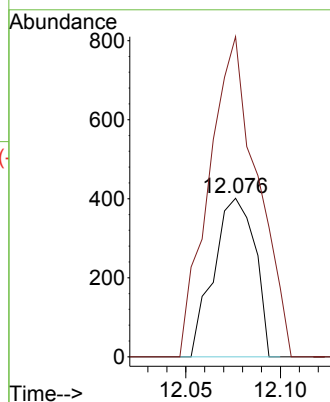
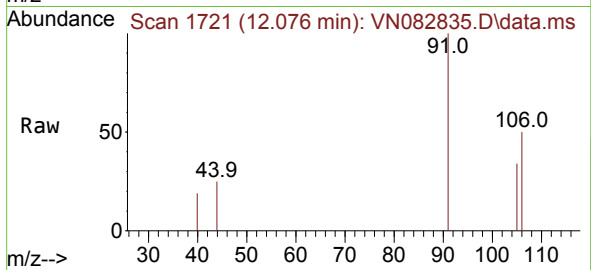
VN0709WBL01

Tgt Ion:106 Resp: 607

Ion Ratio Lower Upper

106 100

91 237.6 166.1 249.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

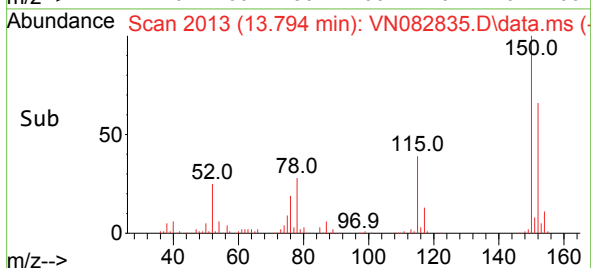
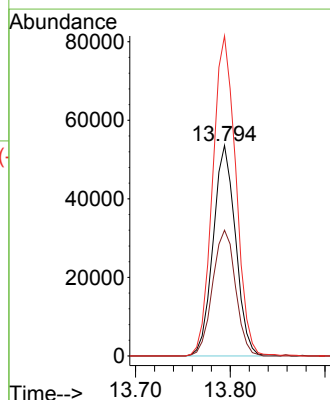
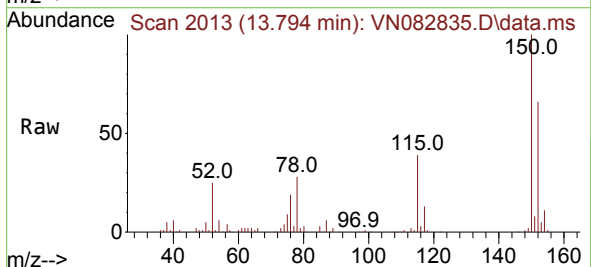
Tgt Ion:152 Resp: 88074

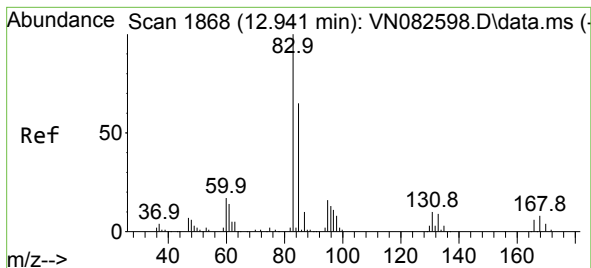
Ion Ratio Lower Upper

152 100

115 61.2 30.6 91.6

150 157.4 0.0 348.6





#75

1,1,2,2-Tetrachloroethane

Concen: 0.241 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBL01

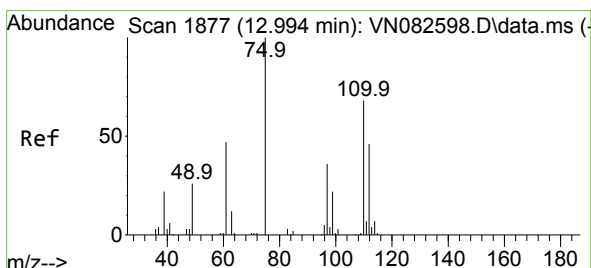
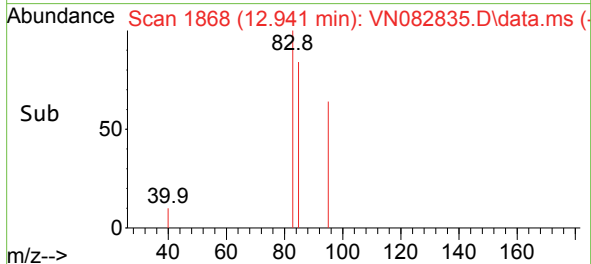
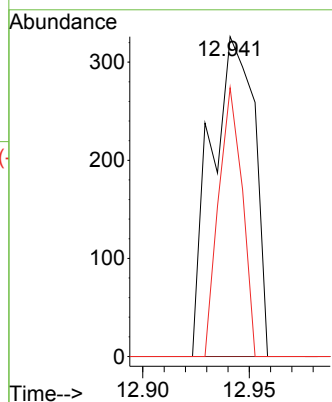
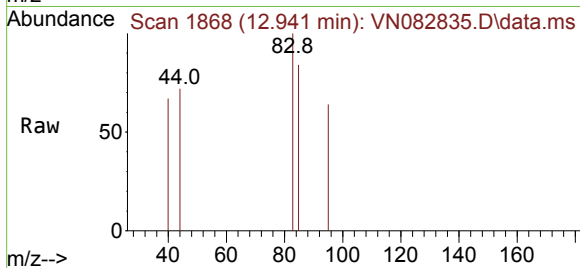
Tgt Ion: 83 Resp: 461

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 45.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 30.038 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082835.D

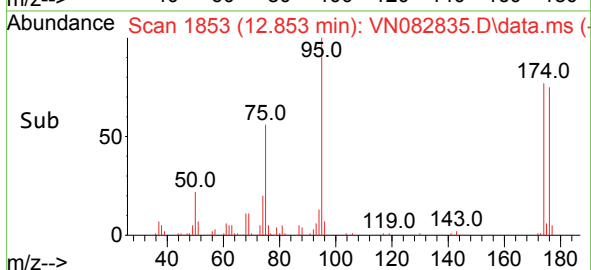
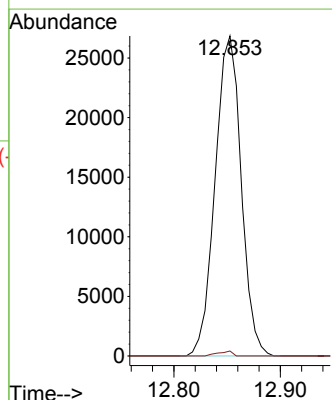
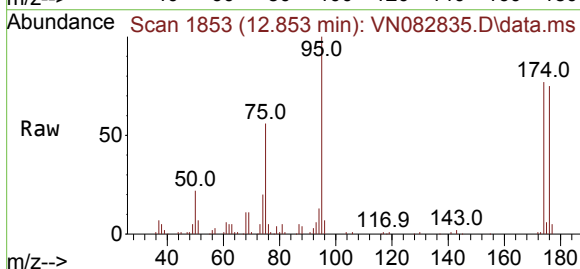
Acq: 09 Jul 2024 12:07

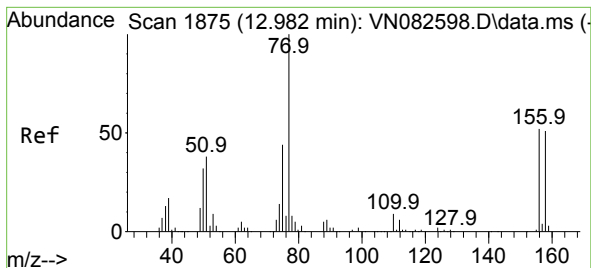
Tgt Ion: 75 Resp: 45611

Ion Ratio Lower Upper

75 100

77 0.8 110.9 332.6#





#77

Bromobenzene

Concen: 0.222 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

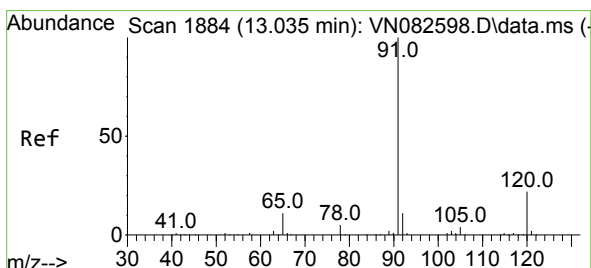
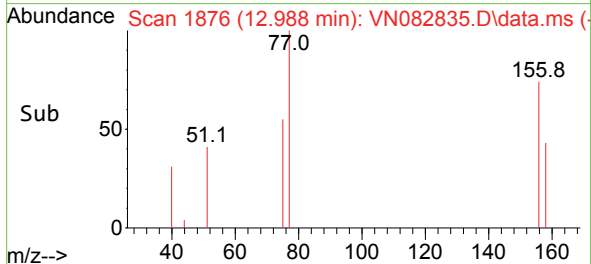
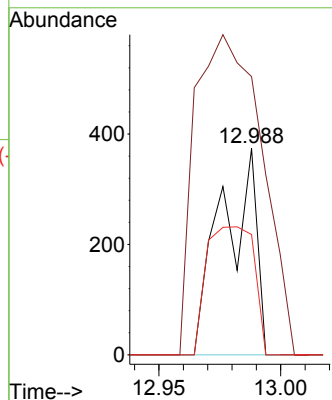
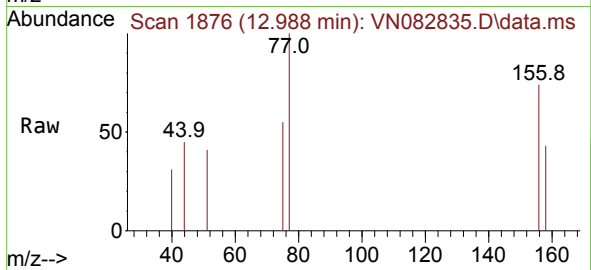
Instrument :

MSVOA_N

ClientSampleId :

VN0709WBL01

Tgt Ion:	156	Resp:	366
Ion	Ratio	Lower	Upper
156	100		
77	301.6	111.3	333.8
158	85.8	48.3	144.9



#78

n-propylbenzene

Concen: 0.245 ug/l

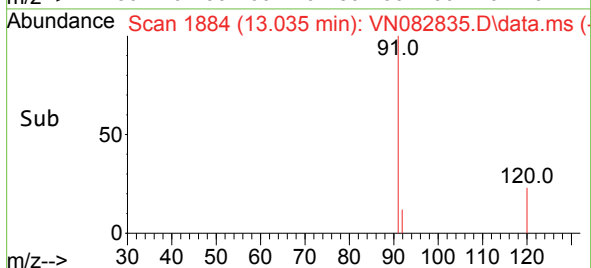
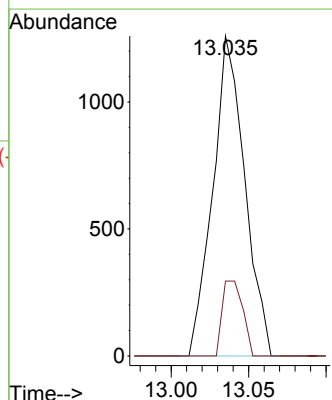
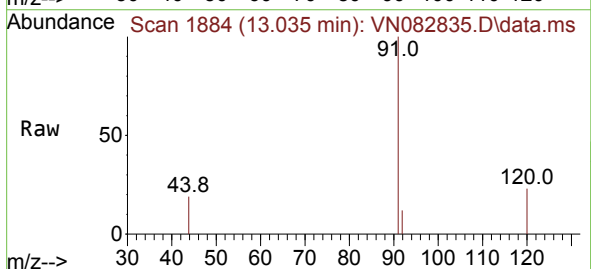
RT: 13.035 min Scan# 1884

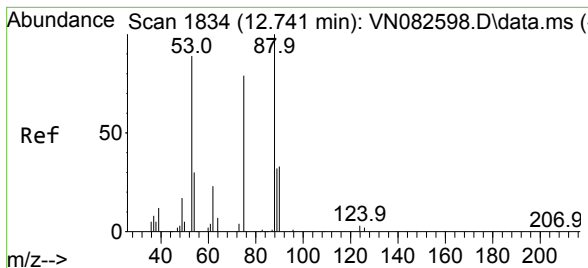
Delta R.T. 0.000 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

Tgt Ion:	91	Resp:	1802
Ion	Ratio	Lower	Upper
91	100		
120	15.0	10.9	32.9

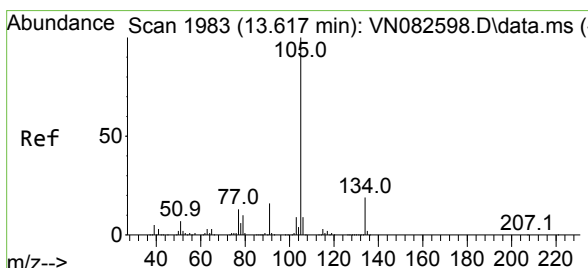
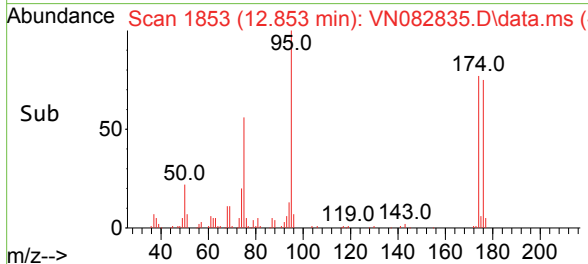
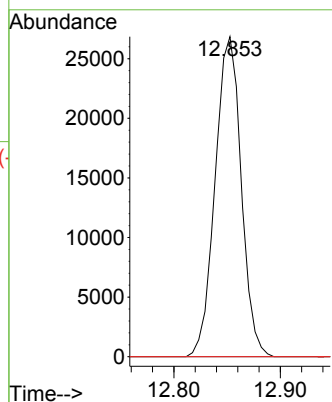
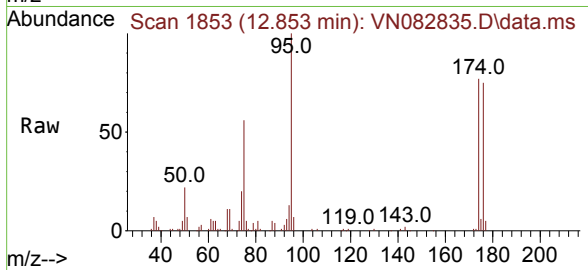




#81
trans-1,4-Dichloro-2-butene
Concen: 59.076 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

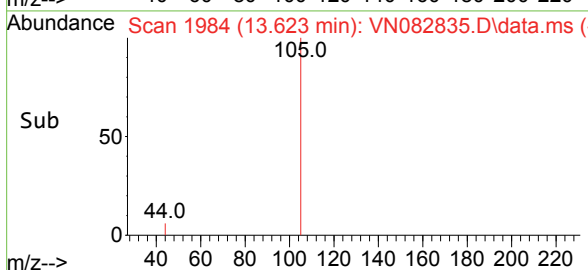
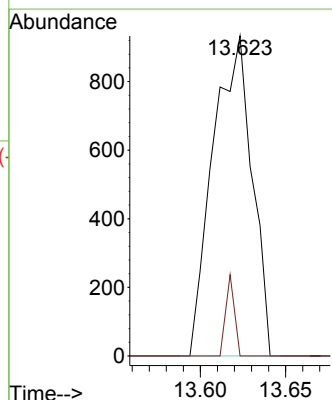
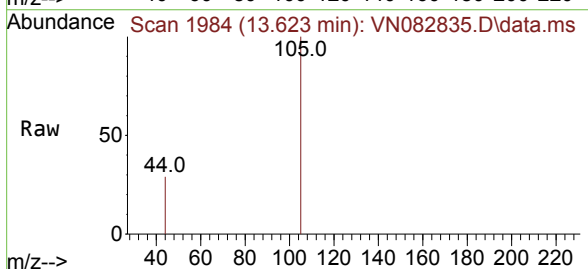
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

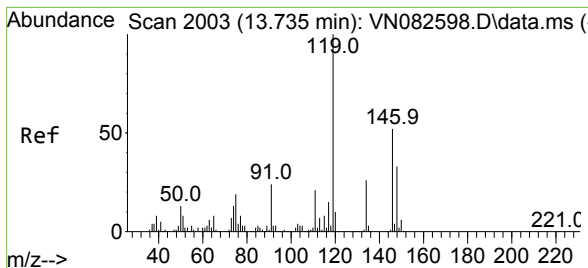
Tgt Ion: 75 Resp: 45611
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#85
sec-Butylbenzene
Concen: 0.240 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion: 105 Resp: 1487
Ion Ratio Lower Upper
105 100
134 5.6 9.8 29.3#





#87

1,3-Dichlorobenzene

Concen: 0.335 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBL01

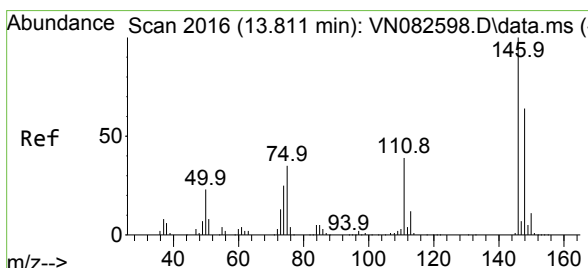
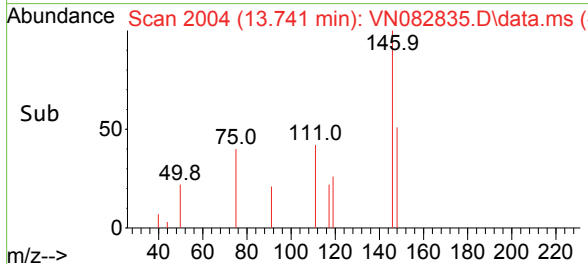
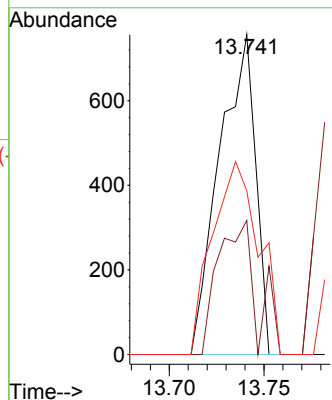
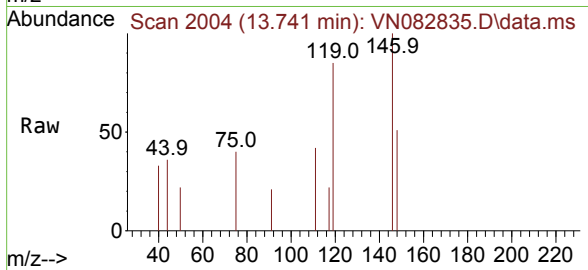
Tgt Ion:146 Resp: 1000

Ion Ratio Lower Upper

146 100

111 44.6 20.6 61.9

148 77.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.324 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.070 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

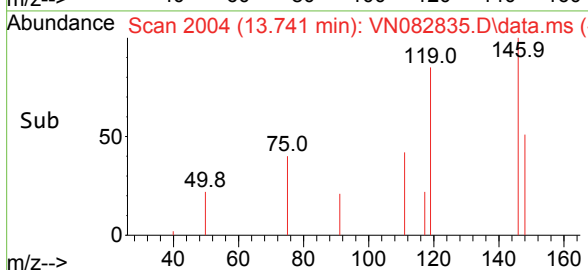
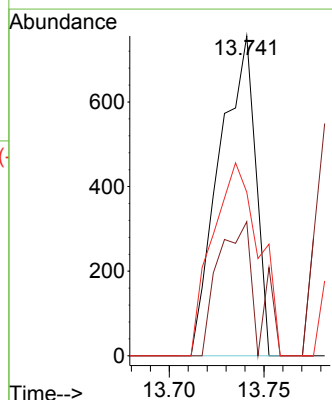
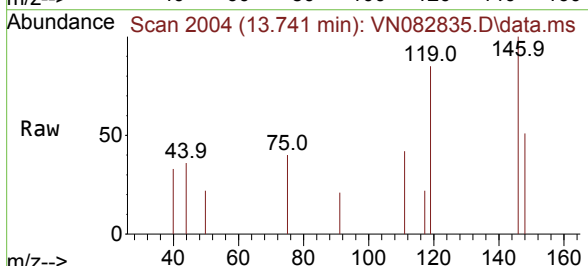
Tgt Ion:146 Resp: 1000

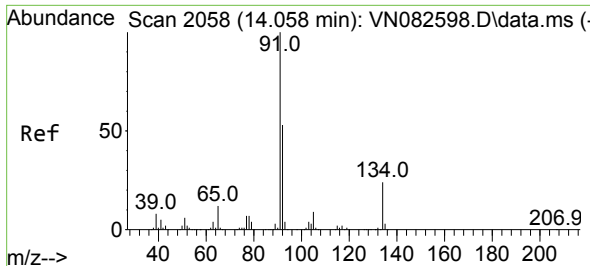
Ion Ratio Lower Upper

146 100

111 44.6 20.1 60.3

148 77.9 32.2 96.6

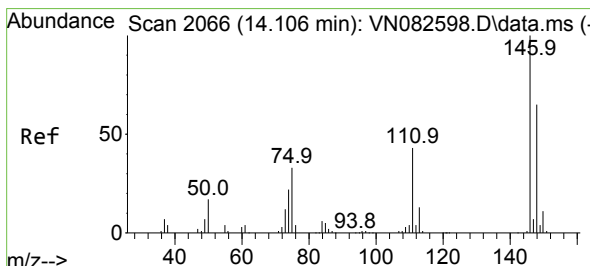
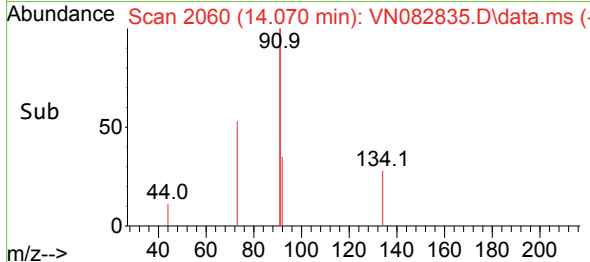
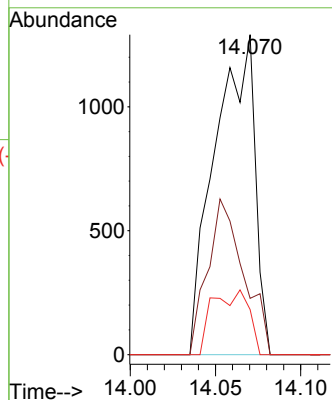
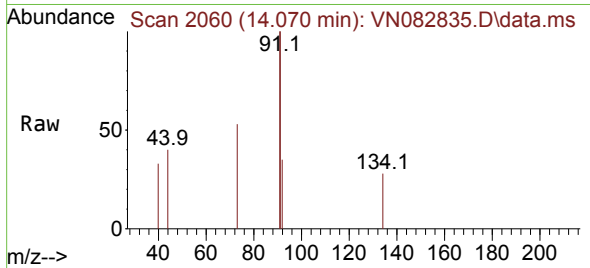




#89
n-Butylbenzene
Concen: 0.476 ug/l
RT: 14.070 min Scan# 2058
Delta R.T. 0.012 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

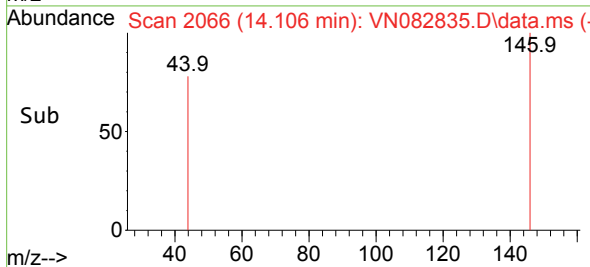
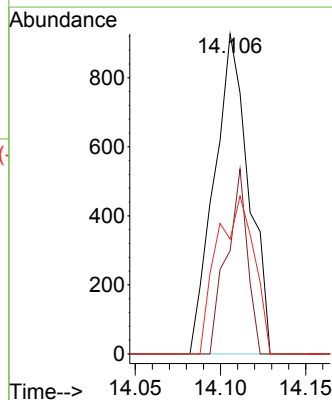
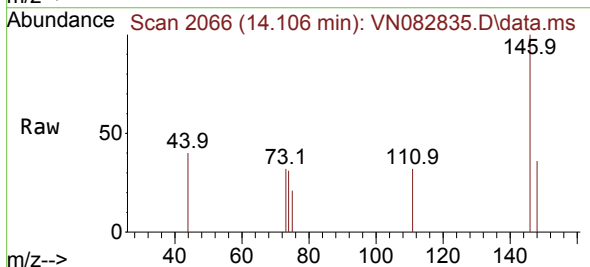
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

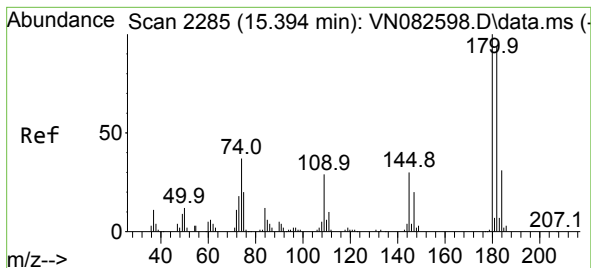
Tgt Ion: 91 Resp: 2109
Ion Ratio Lower Upper
91 100
92 43.9 26.1 78.3
134 18.3 12.1 36.3



#91
1,2-Dichlorobenzene
Concen: 0.450 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082835.D
Acq: 09 Jul 2024 12:07

Tgt Ion: 146 Resp: 1304
Ion Ratio Lower Upper
146 100
111 34.8 21.4 64.2
148 52.8 32.1 96.5





#93

1,2,4-Trichlorobenzene

Concen: 0.805 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBL01

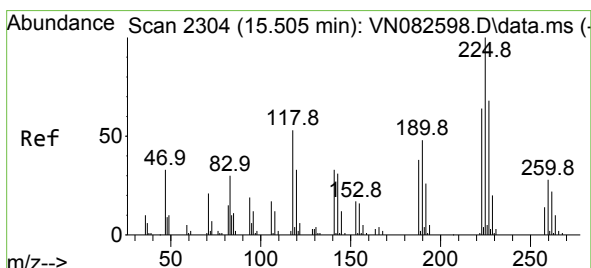
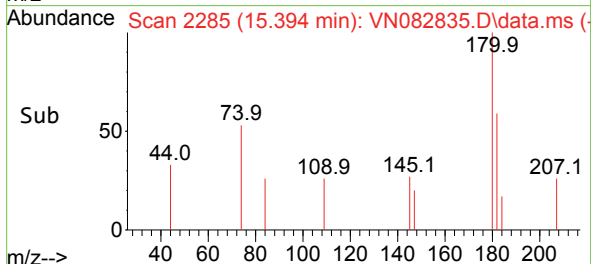
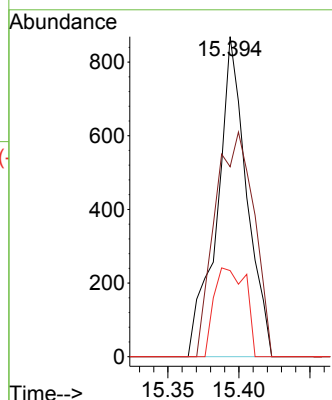
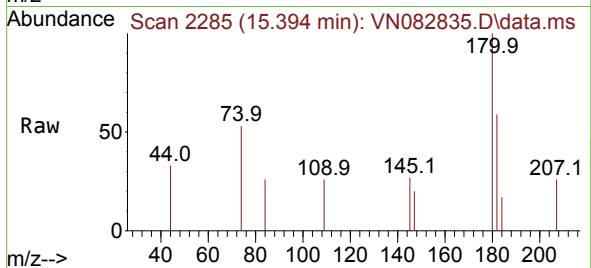
Tgt Ion:180 Resp: 1256

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.8

145 29.7 15.7 47.1



#94

Hexachlorobutadiene

Concen: 0.865 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

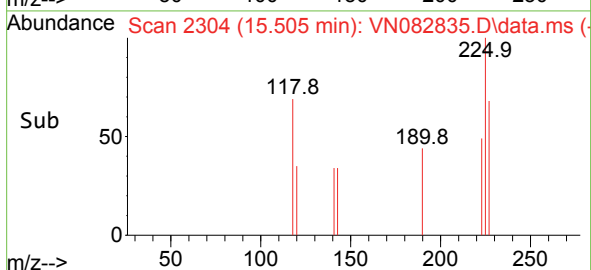
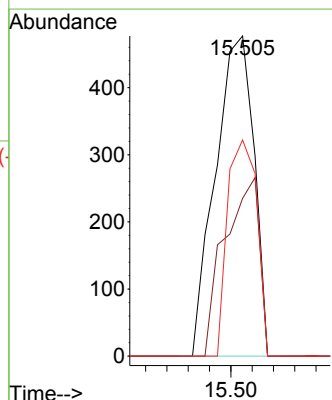
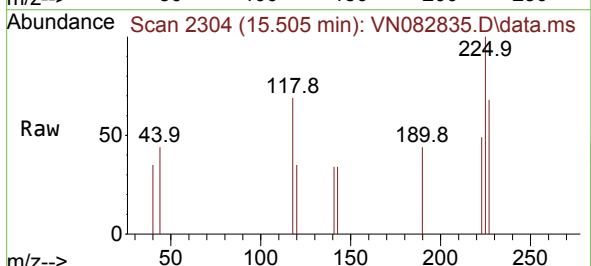
Tgt Ion:225 Resp: 598

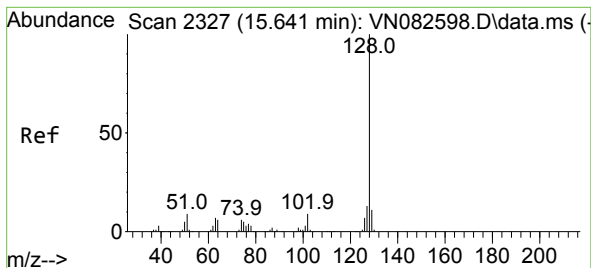
Ion Ratio Lower Upper

225 100

223 50.2 31.9 95.7

227 51.5 32.5 97.5





#95

Naphthalene

Concen: 0.691 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBL01

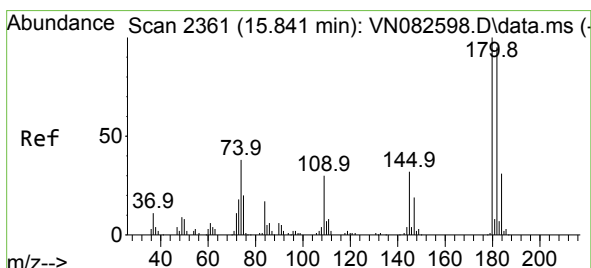
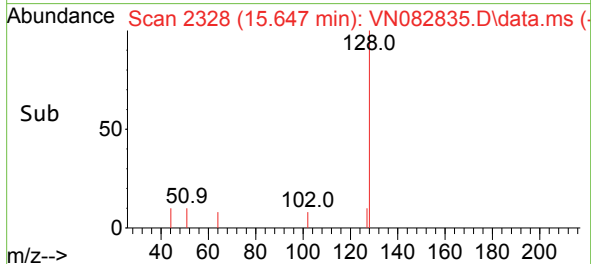
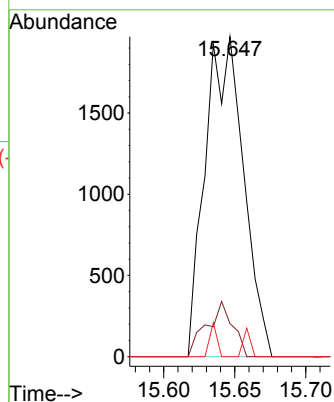
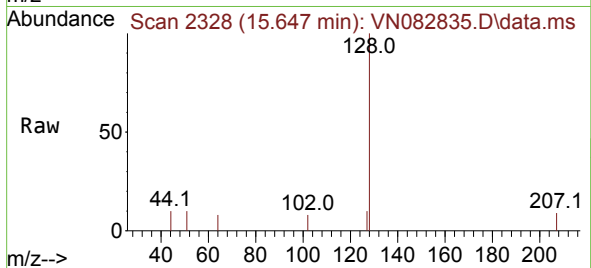
Tgt Ion:128 Resp: 3690

Ion Ratio Lower Upper

128 100

127 11.8 10.6 16.0

129 2.0 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.890 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082835.D

Acq: 09 Jul 2024 12:07

Tgt Ion:180 Resp: 1428

Ion Ratio Lower Upper

180 100

182 96.9 48.9 146.8

145 24.2 16.8 50.4

