

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079625.D
 Acq On : 20 Oct 2023 13:53
 Operator : JC\MD
 Sample : 04963-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 23:49:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

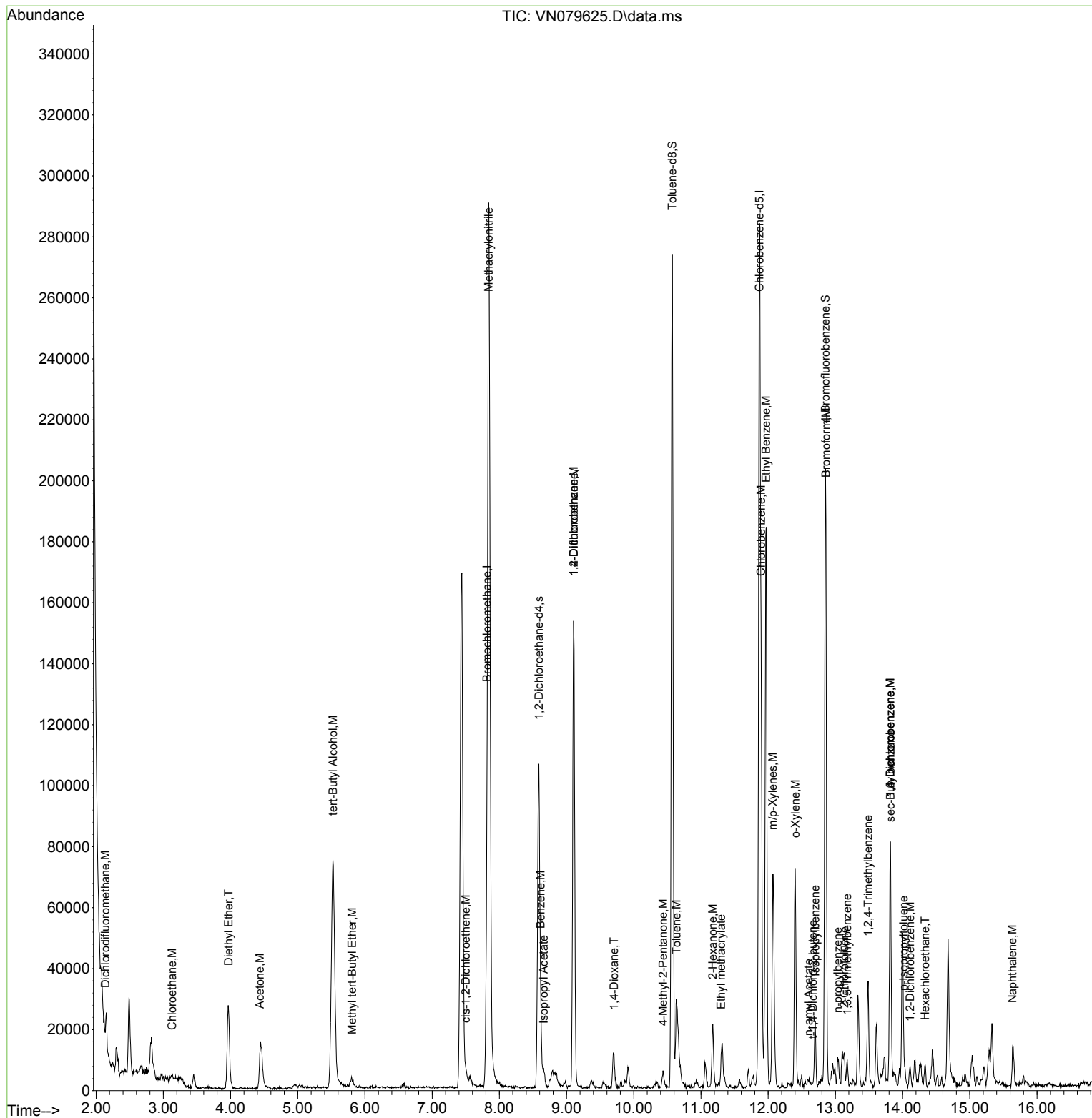
Internal Standards						
1) Bromochloromethane	7.818	128	18641	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	125925	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	154919	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	82685	31.198	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.000%
60) 4-Bromofluorobenzene	12.853	95	67478	23.818	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.400%
63) Toluene-d8	10.571	98	186560	28.103	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.667%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	564	0.209	ug/l	95
6) Chloroethane	3.130	64	1927	0.724	ug/l	93
8) Diethyl Ether	3.971	74	14292	8.546	ug/l	93
15) Acetone	4.436	58	1318	2.869	ug/l #	25
22) cis-1,2-Dichloroethene	7.500	96	966	0.298	ug/l #	15
23) tert-Butyl Alcohol	5.524	59	119434	246.317	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	1702	0.202	ug/l #	40
34) Benzene	8.612	78	19611	1.754	ug/l #	69
35) Methacrylonitrile	7.841	41	122248	63.000	ug/l #	46
36) 1,2-Dichloroethane	9.106	62	5266	1.319	ug/l #	75
44) Isopropyl Acetate	8.659	43	1704	0.276	ug/l #	33
45) 1,4-Dioxane	9.706	88	8207	170.038	ug/l	98
47) n-amyl Acetate	12.600	43	1680	0.378	ug/l	94
51) Ethyl methacrylate	11.300	69	865	0.233	ug/l	67
56) Bromoform	12.859	173	701	0.386	ug/l #	1
58) 4-Methyl-2-Pentanone	10.435	43	2315	0.641	ug/l #	50
59) 2-Hexanone	11.177	43	15699	5.922	ug/l #	34
62) Toluene	10.635	91	17053	1.440	ug/l	94
64) Chlorobenzene	11.894	112	62726	9.135	ug/l	95
66) Ethyl Benzene	11.971	91	126069	10.334	ug/l	97
67) m/p-Xylenes	12.071	106	22390	4.962	ug/l	100
68) o-Xylene	12.406	106	18305	4.244	ug/l	99
70) Isopropylbenzene	12.700	105	11774	1.064	ug/l	99
74) n-propylbenzene	13.035	91	6786	0.527	ug/l	72
75) 2-Chlorotoluene	13.135	91	5000	0.624	ug/l	91
76) 1,3,5-Trimethylbenzene	13.176	105	5064	0.560	ug/l	90
77) t-1,4-Dichloro-2-butene	12.665	75	481	0.441	ug/l #	7
80) 1,2,4-Trimethylbenzene	13.488	105	17781	2.028	ug/l	97
81) sec-Butylbenzene	13.823	105	10993	1.076	ug/l	61
82) p-Isopropyltoluene	14.018	119	3028	0.374	ug/l	66
83) 1,3-Dichlorobenzene	13.818	146	25115	5.874	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	25115	6.127	ug/l	98
86) Hexachloroethane	14.335	117	389	0.222	ug/l #	18
87) 1,2-Dichlorobenzene	14.112	146	2031	0.478	ug/l	92
91) Naphthalene	15.635	128	11800	3.054	ug/l #	76

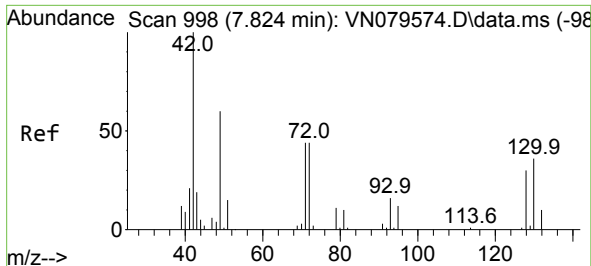
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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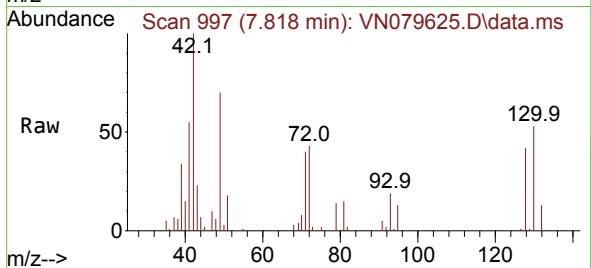
Quant Time: Oct 20 23:49:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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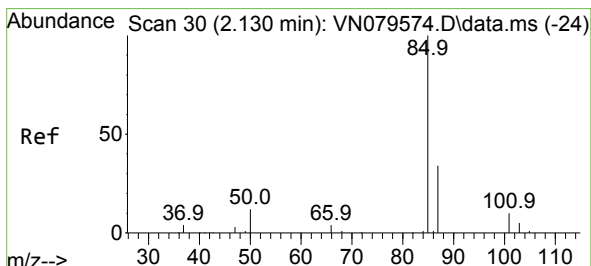
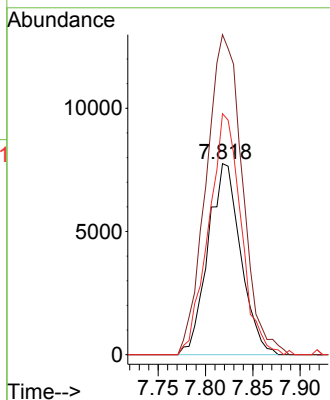
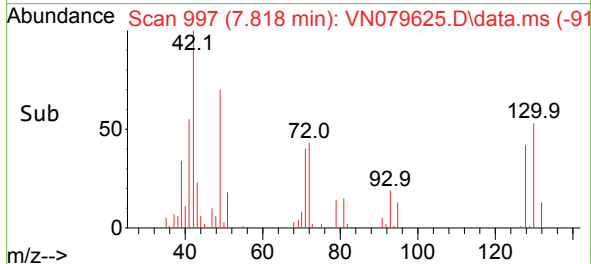


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

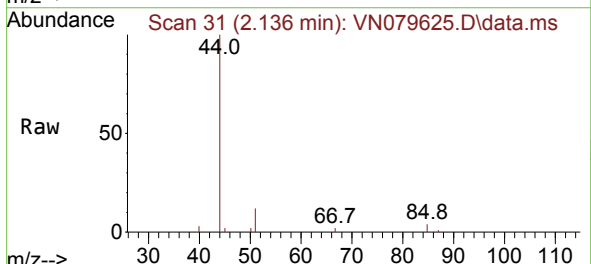
Instrument :
MSVOA_N
ClientSampleId :



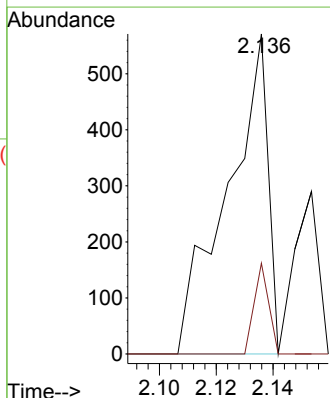
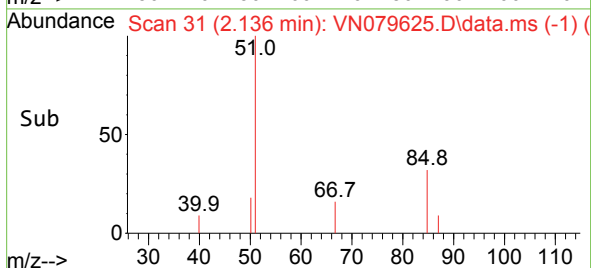
Tgt Ion:128 Resp: 18641
Ion Ratio Lower Upper
128 100
49 185.0 0.0 468.5
130 125.2 0.0 320.7

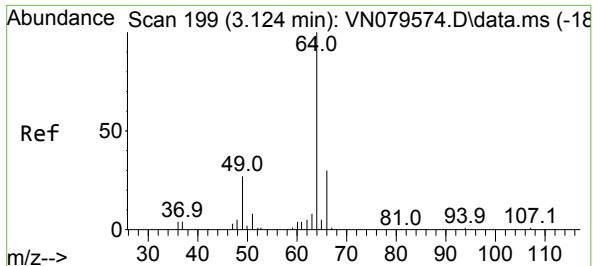


#2
Dichlorodifluoromethane
Concen: 0.209 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53



Tgt Ion: 85 Resp: 564
Ion Ratio Lower Upper
85 100
87 28.4 15.6 46.7

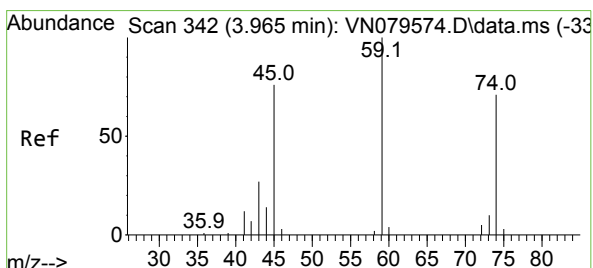
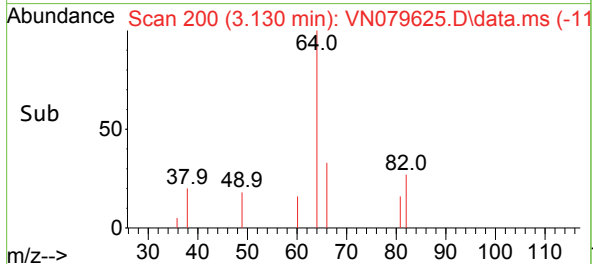
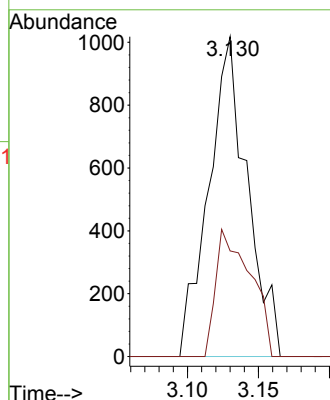
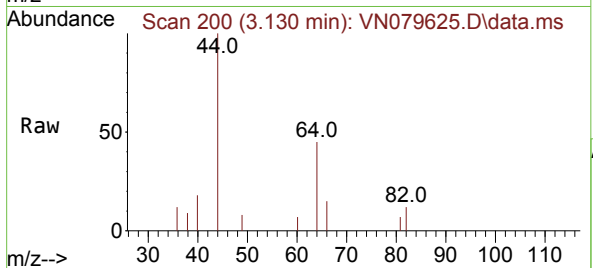




#6
Chloroethane
Concen: 0.724 ug/l
RT: 3.130 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

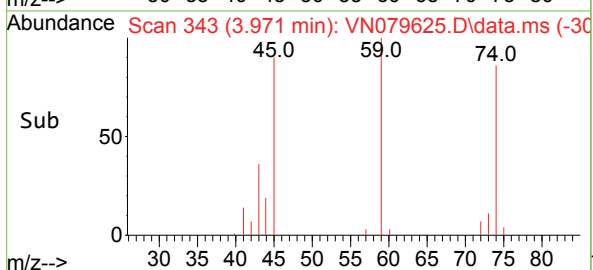
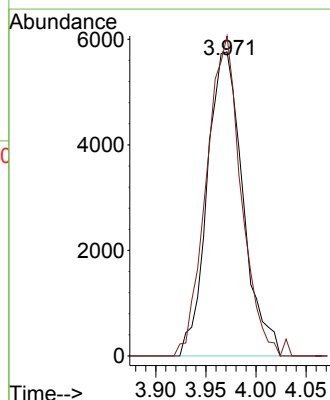
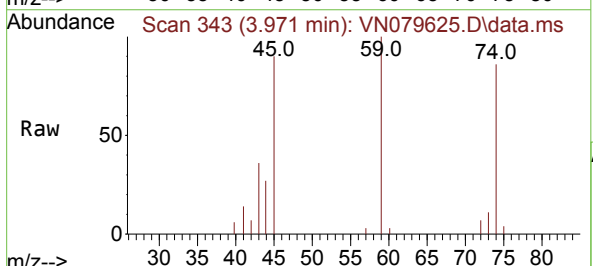
Instrument :
MSVOA_N
ClientSampleId :

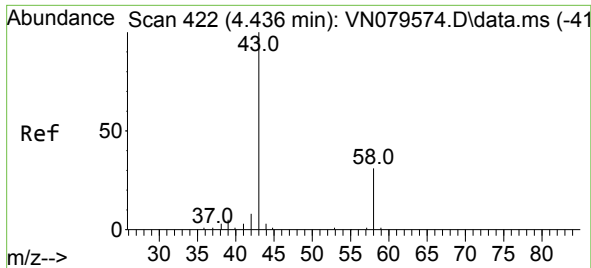
Tgt Ion: 64 Resp: 1927
Ion Ratio Lower Upper
64 100
66 33.0 23.3 34.9



#8
Diethyl Ether
Concen: 8.546 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

Tgt Ion: 74 Resp: 14292
Ion Ratio Lower Upper
74 100
45 102.1 19.0 171.0





#15

Acetone

Concen: 2.869 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

Instrument :

MSVOA_N

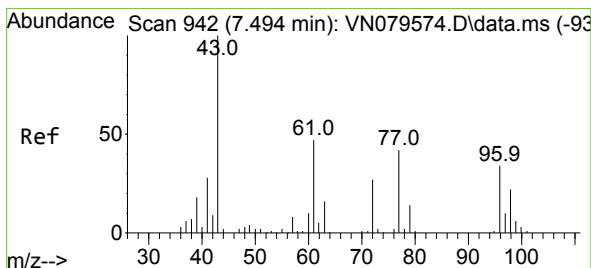
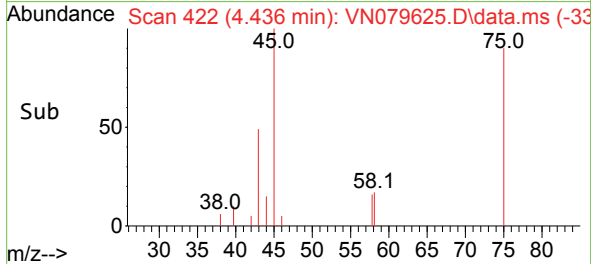
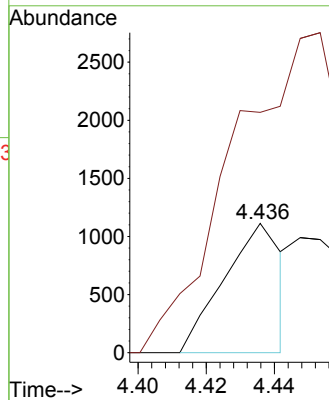
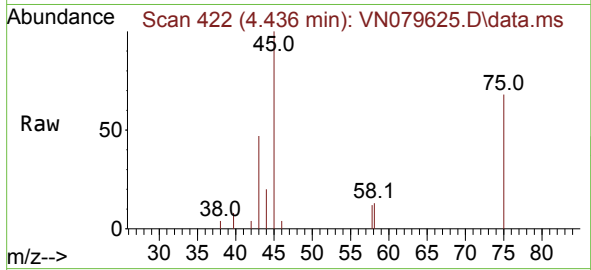
ClientSampleId :

Tgt Ion: 58 Resp: 1318

Ion Ratio Lower Upper

58 100

43 140.3 225.2 337.8#



#22

cis-1,2-Dichloroethene

Concen: 0.298 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.006 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

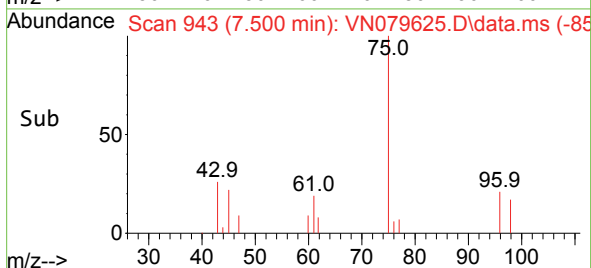
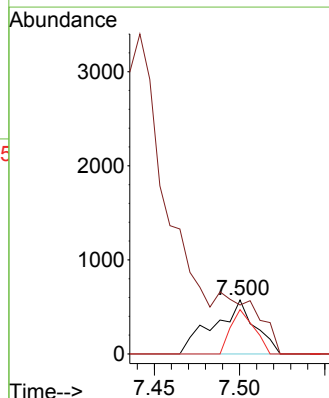
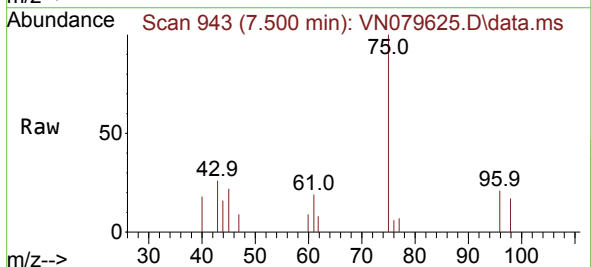
Tgt Ion: 96 Resp: 966

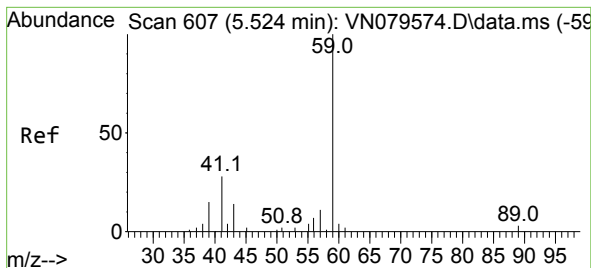
Ion Ratio Lower Upper

96 100

61 12.9 124.6 186.8#

98 46.6 54.2 81.4#





#23

tert-Butyl Alcohol

Concen: 246.317 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

Instrument :

MSVOA_N

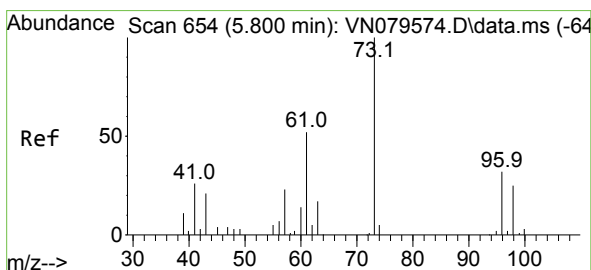
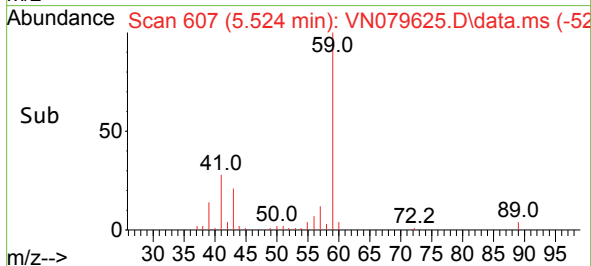
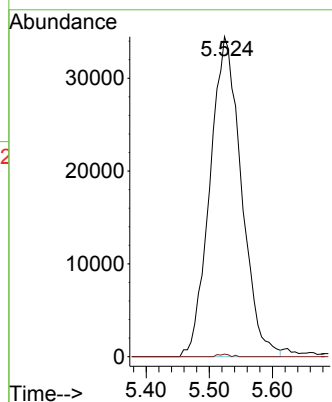
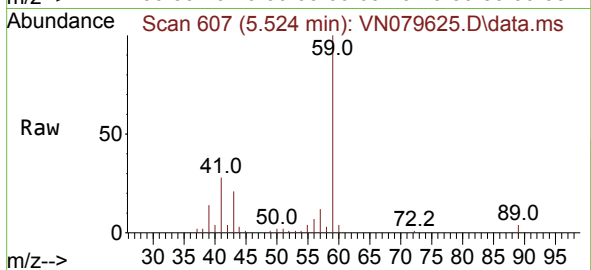
ClientSampleId :

Tgt Ion: 59 Resp: 119434

Ion Ratio Lower Upper

59 100

52 0.3 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 0.202 ug/l

RT: 5.806 min Scan# 655

Delta R.T. 0.006 min

Lab File: VN079625.D

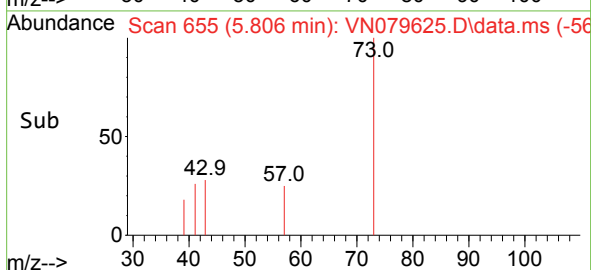
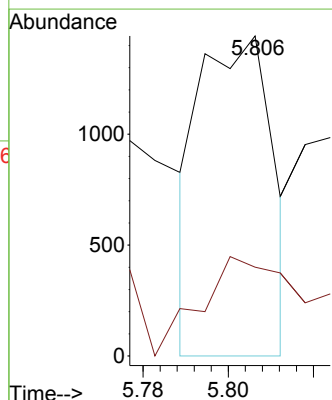
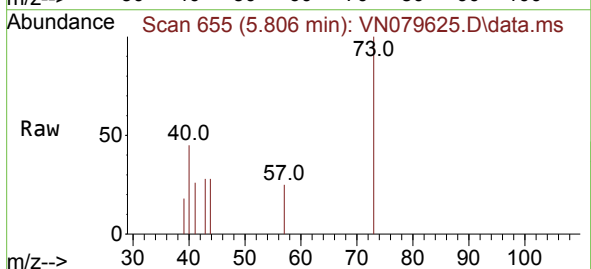
Acq: 20 Oct 2023 13:53

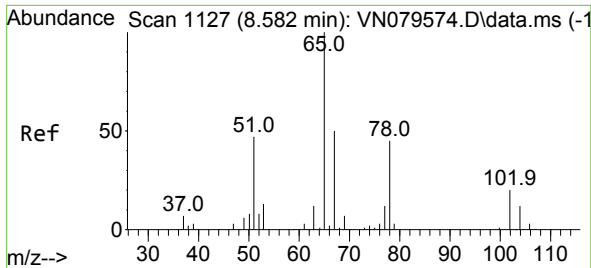
Tgt Ion: 73 Resp: 1702

Ion Ratio Lower Upper

73 100

43 48.5 16.6 24.8#





#27

1,2-Dichloroethane-d4

Concen: 31.198 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

Instrument :

MSVOA_N

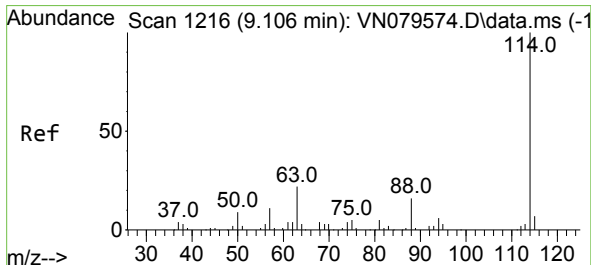
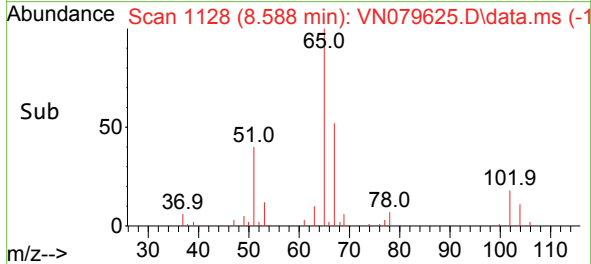
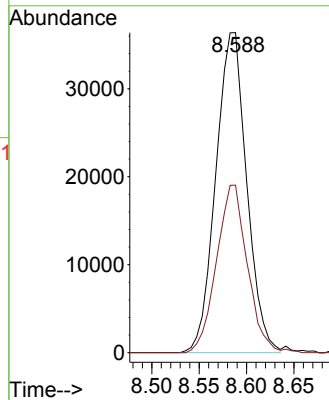
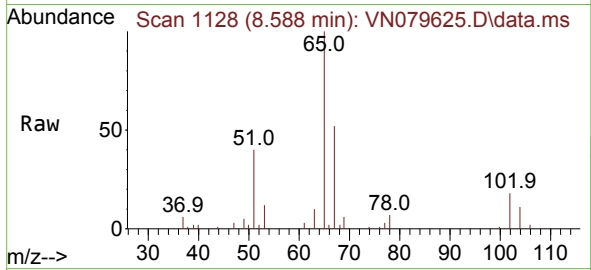
ClientSampleId :

Tgt Ion: 65 Resp: 82685

Ion Ratio Lower Upper

65 100

67 52.0 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

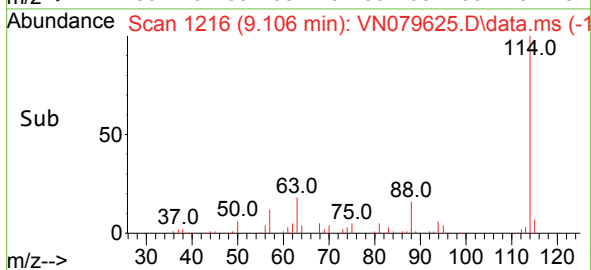
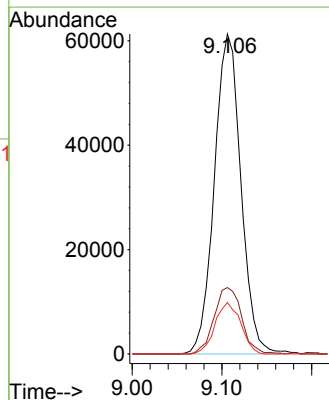
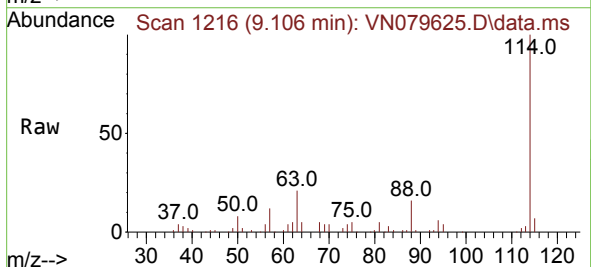
Tgt Ion: 114 Resp: 125925

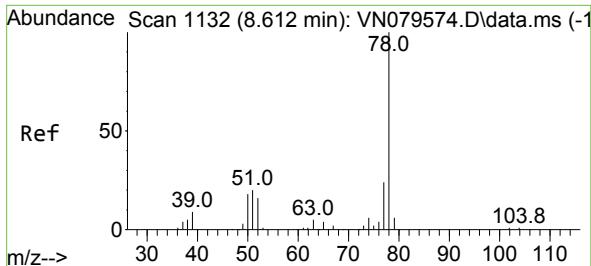
Ion Ratio Lower Upper

114 100

63 21.3 18.1 27.1

88 15.6 12.2 18.2

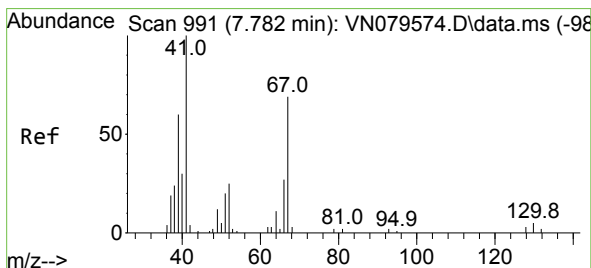
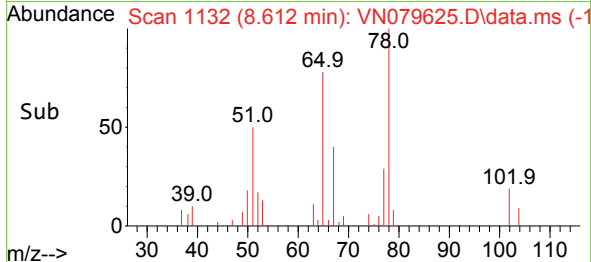
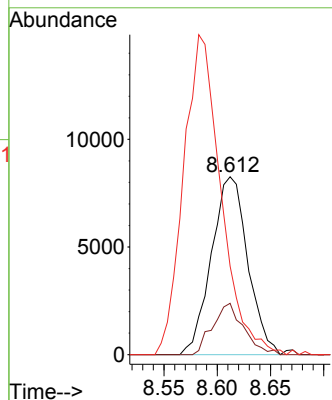
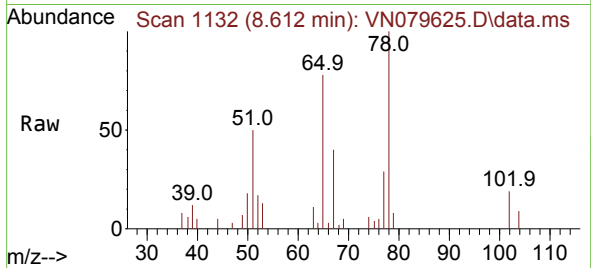




#34
Benzene
Concen: 1.754 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

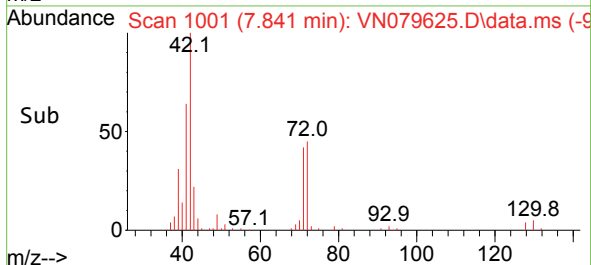
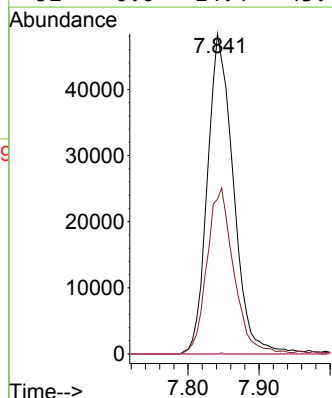
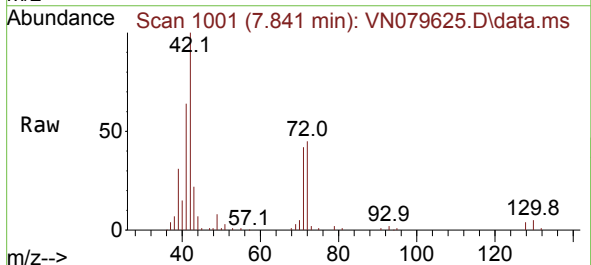
Instrument :
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ClientSampleId :

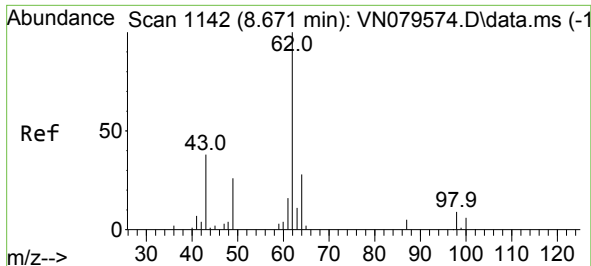
Tgt Ion: 78 Resp: 19611
Ion Ratio Lower Upper
78 100
77 28.9 19.7 29.5
51 47.1 15.8 23.6#



#35
Methacrylonitrile
Concen: 63.000 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.059 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

Tgt Ion: 41 Resp: 122248
Ion Ratio Lower Upper
41 100
39 48.3 26.3 78.8
67 0.0 37.5 112.3#
52 0.0 14.4 43.4#





#36

1,2-Dichloroethane

Concen: 1.319 ug/l

RT: 9.106 min Scan# 1140

Delta R.T. 0.435 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

Instrument :

MSVOA_N

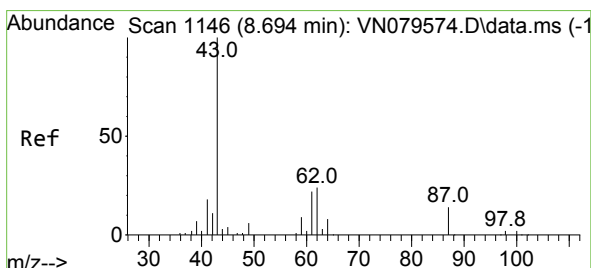
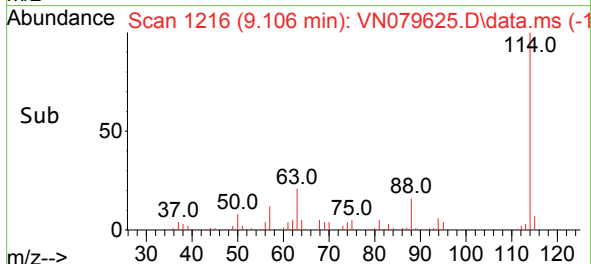
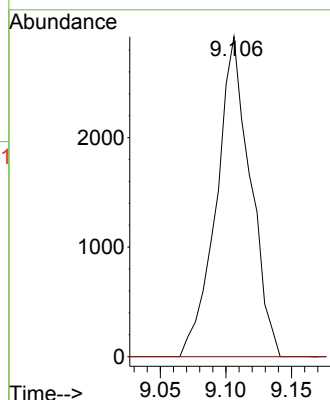
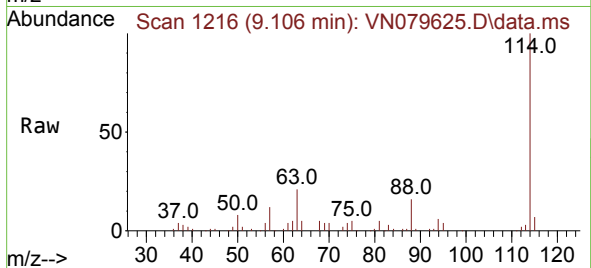
ClientSampleId :

Tgt Ion: 62 Resp: 5266

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#44

Isopropyl Acetate

Concen: 0.276 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. -0.035 min

Lab File: VN079625.D

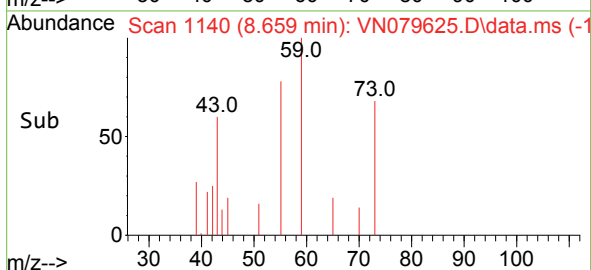
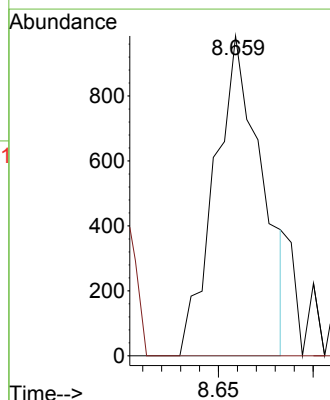
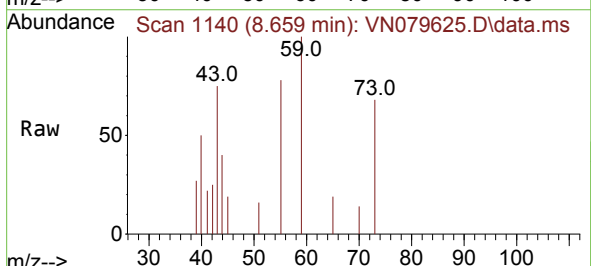
Acq: 20 Oct 2023 13:53

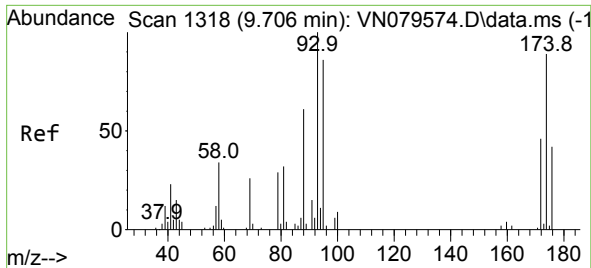
Tgt Ion: 43 Resp: 1704

Ion Ratio Lower Upper

43 100

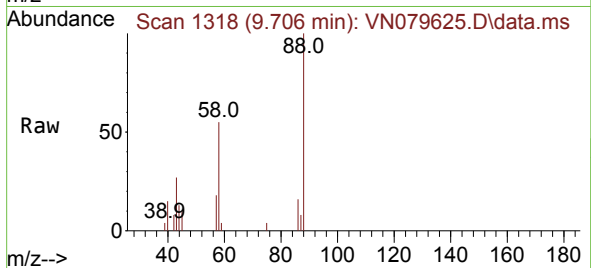
61 59.0 20.3 30.5#



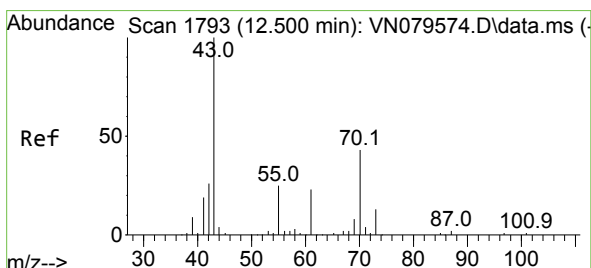
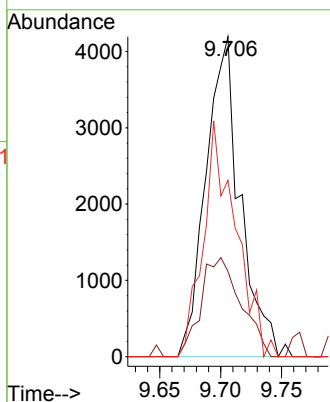
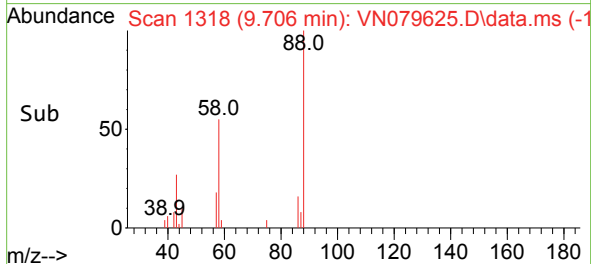


#45
 1,4-Dioxane
 Concen: 170.038 ug/l
 RT: 9.706 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN079625.D
 Acq: 20 Oct 2023 13:53

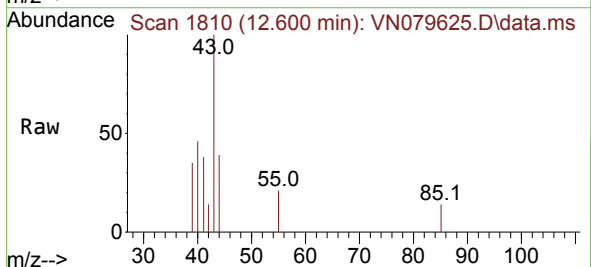
Instrument :
 MSVOA_N
 ClientSampleId :



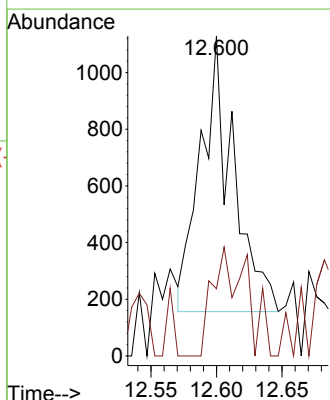
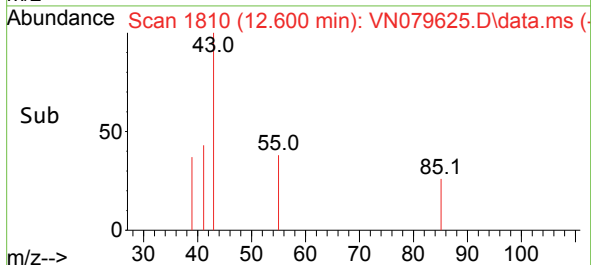
Tgt Ion:	88	Resp:	8207
Ion	Ratio	Lower	Upper
88	100		
43	36.4	28.7	43.1
58	68.8	56.9	85.3

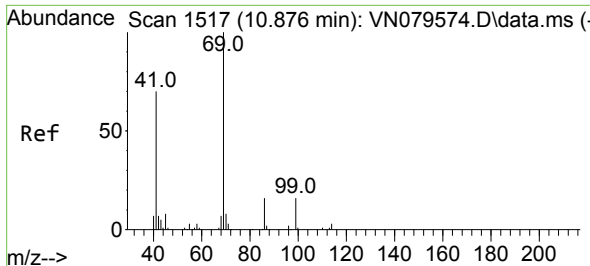


#47
 n-amy1 Acetate
 Concen: 0.378 ug/l
 RT: 12.600 min Scan# 1810
 Delta R.T. 0.100 min
 Lab File: VN079625.D
 Acq: 20 Oct 2023 13:53



Tgt Ion:	43	Resp:	1680
Ion	Ratio	Lower	Upper
43	100		
55	22.9	20.7	31.1

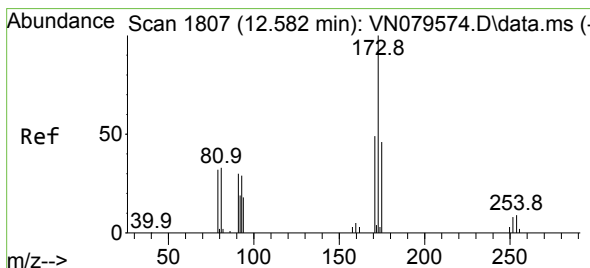
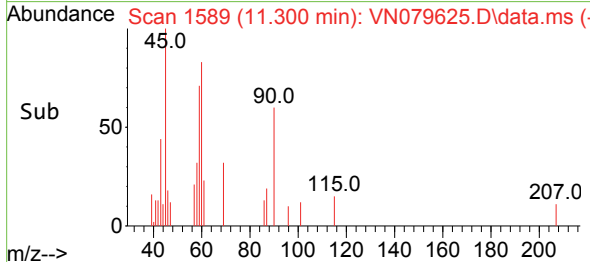
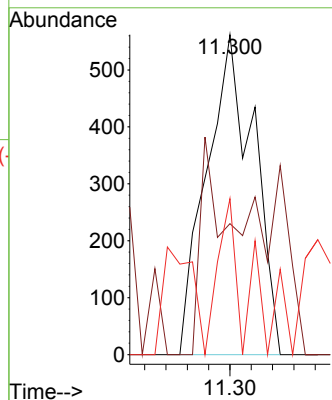
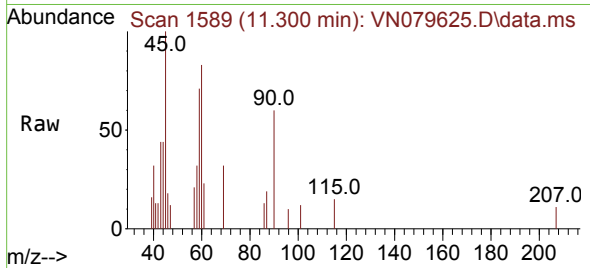




#51
Ethyl methacrylate
Concen: 0.233 ug/l
RT: 11.300 min Scan# 11
Delta R.T. 0.424 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

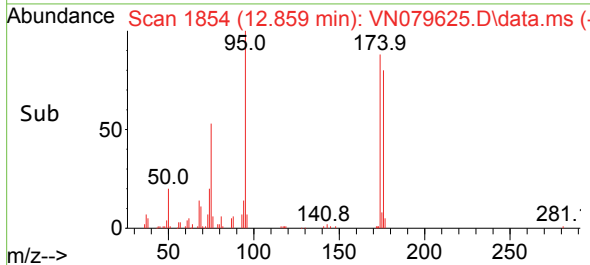
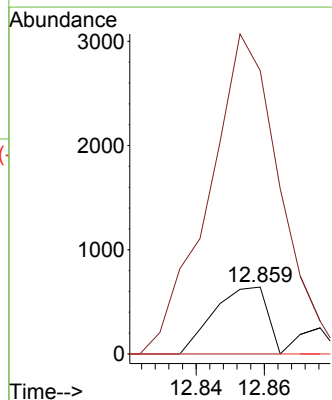
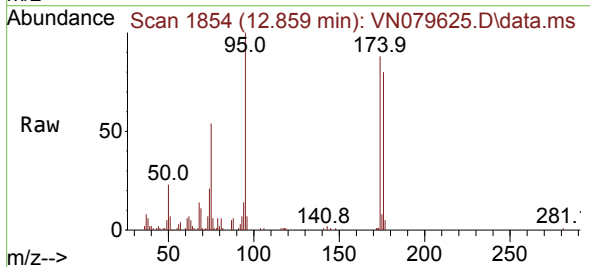
Instrument :
MSVOA_N
ClientSampleId :

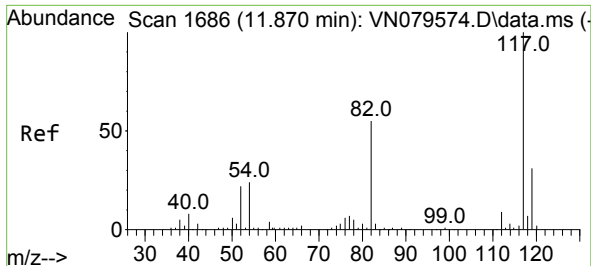
Tgt Ion: 69 Resp: 865
Ion Ratio Lower Upper
69 100
41 40.9 33.8 101.3
39 22.1 21.3 63.9



#56
Bromoform
Concen: 0.386 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.277 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

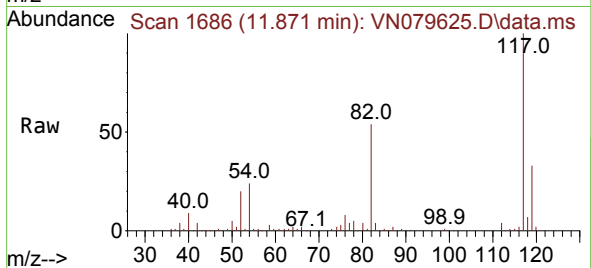
Tgt Ion: 173 Resp: 701
Ion Ratio Lower Upper
173 100
175 634.2 37.9 56.9#
254 0.0 7.3 10.9#



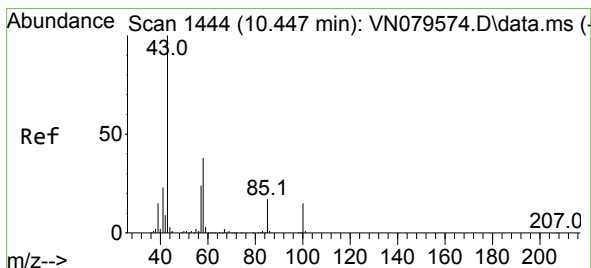
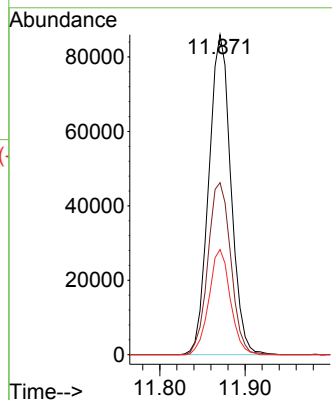
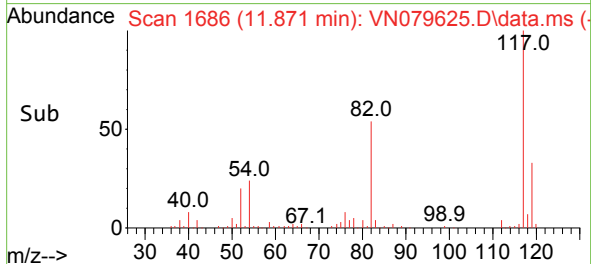


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

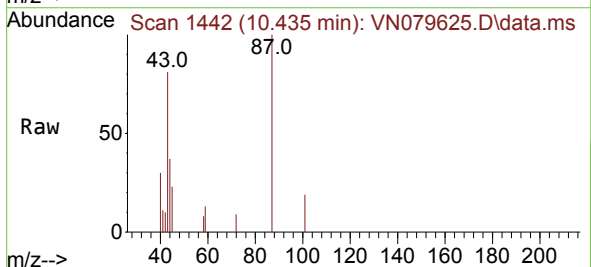
Instrument :
MSVOA_N
ClientSampleId :



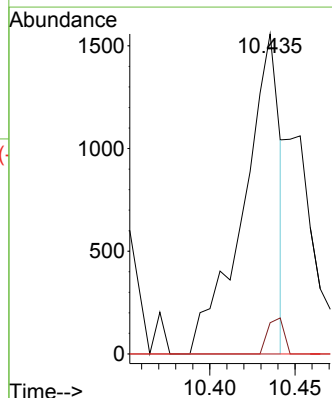
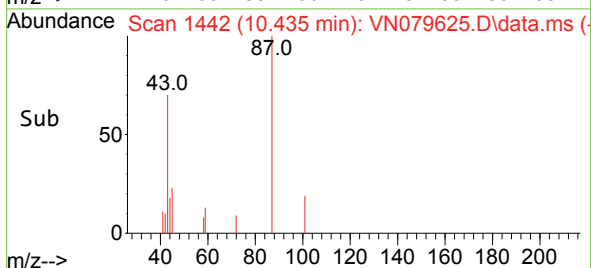
Tgt Ion:117 Resp: 154919
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.2
119 31.9 25.2 37.8

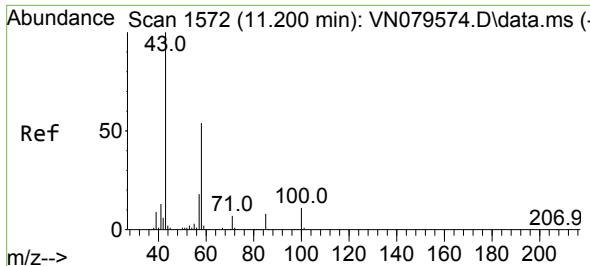


#58
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.012 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53



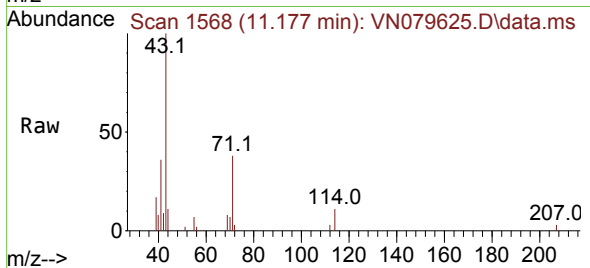
Tgt Ion: 43 Resp: 2315
Ion Ratio Lower Upper
43 100
58 5.0 30.4 45.6#
85 0.0 13.2 19.8#



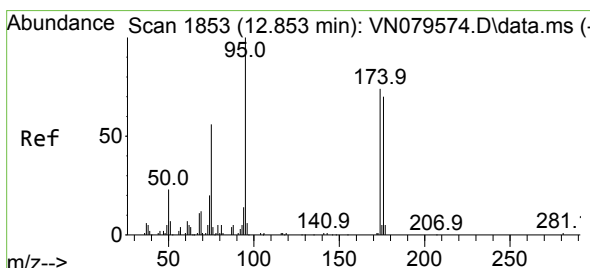
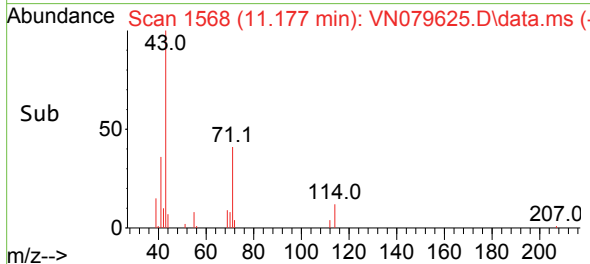
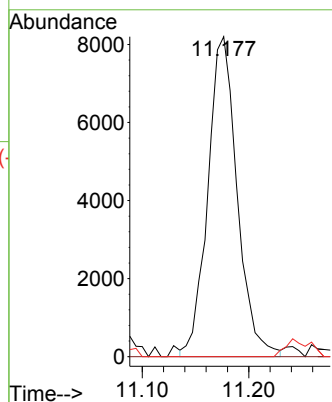


#59
2-Hexanone
Concen: 5.922 ug/l
RT: 11.177 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

Instrument :
MSVOA_N
ClientSampleId :

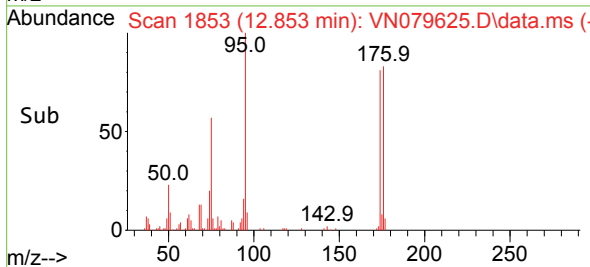
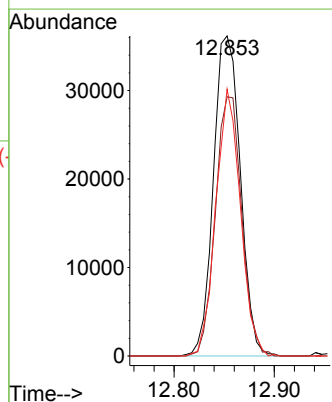
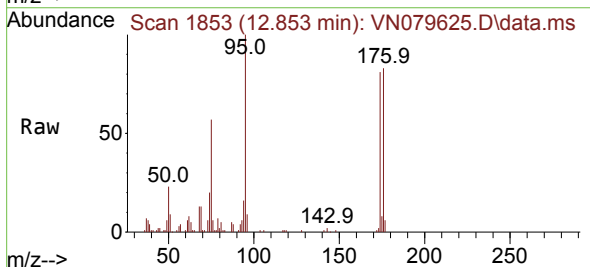


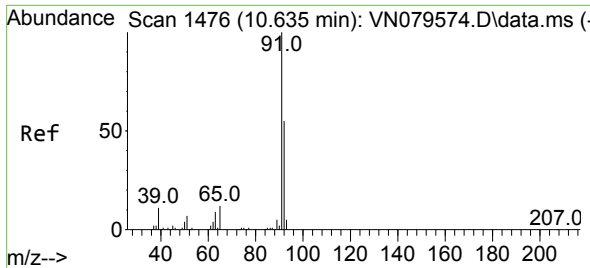
Tgt Ion: 43 Resp: 15699
Ion Ratio Lower Upper
43 100
58 0.0 42.3 63.5#
57 0.0 13.9 20.9#



#60
4-Bromofluorobenzene
Concen: 23.818 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

Tgt Ion: 95 Resp: 67478
Ion Ratio Lower Upper
95 100
174 79.2 60.5 90.7
176 76.1 57.2 85.8

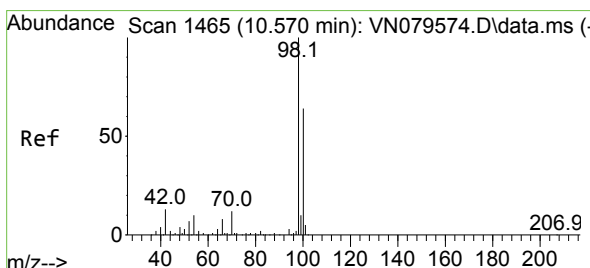
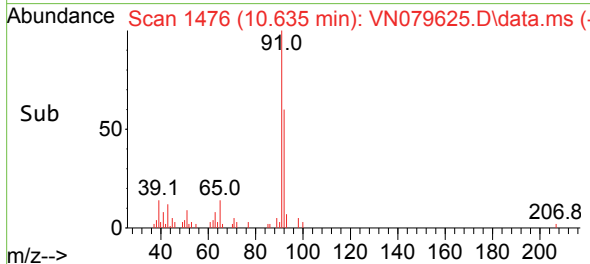
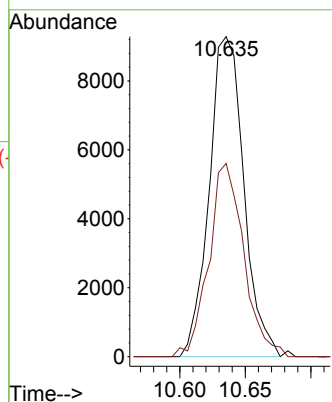
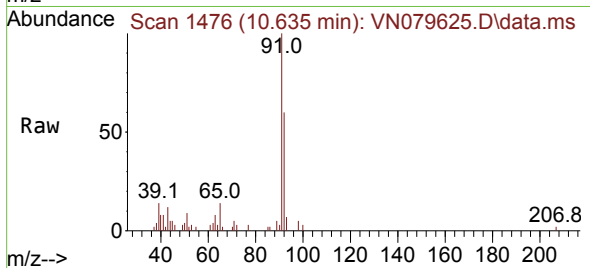




#62
Toluene
Concen: 1.440 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

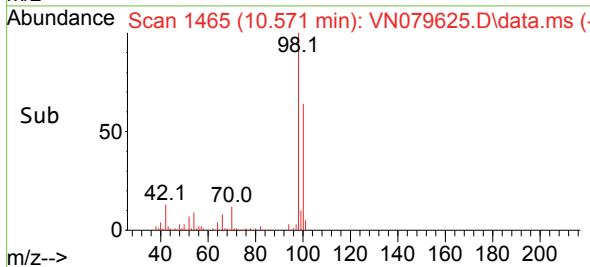
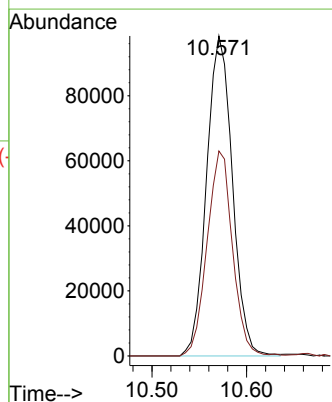
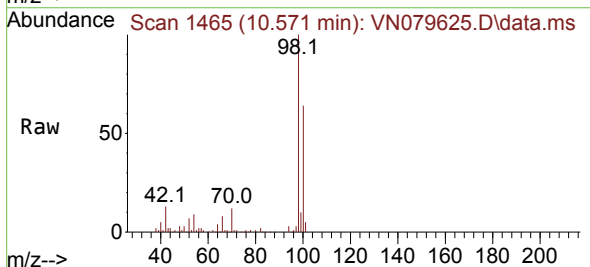
Instrument :
MSVOA_N
ClientSampleId :

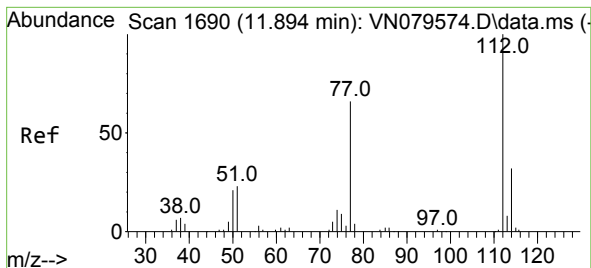
Tgt Ion: 91 Resp: 17053
Ion Ratio Lower Upper
91 100
92 60.9 45.3 67.9



#63
Toluene-d8
Concen: 28.103 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

Tgt Ion: 98 Resp: 186560
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4





#64

Chlorobenzene

Concen: 9.135 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

Instrument :

MSVOA_N

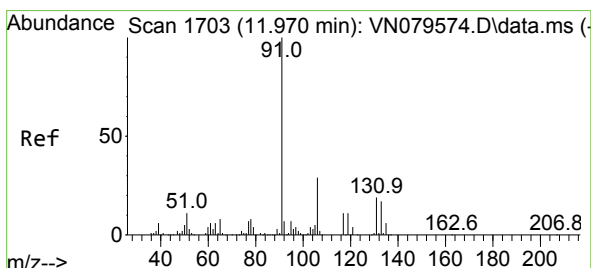
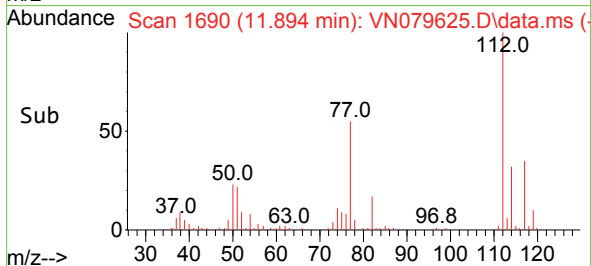
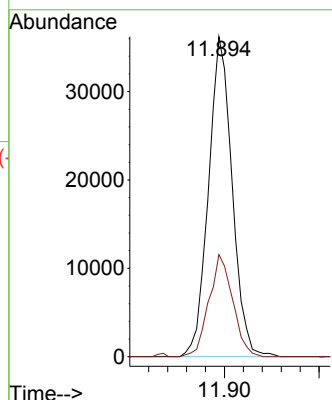
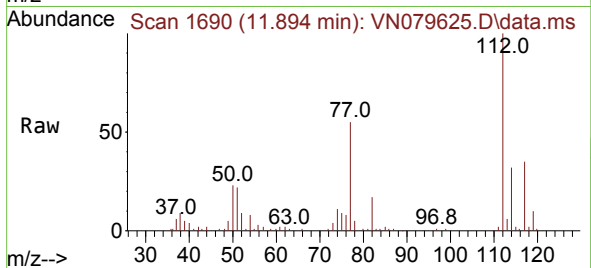
ClientSampleId :

Tgt Ion:112 Resp: 62726

Ion Ratio Lower Upper

112 100

114 31.9 28.1 42.1



#66

Ethyl Benzene

Concen: 10.334 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN079625.D

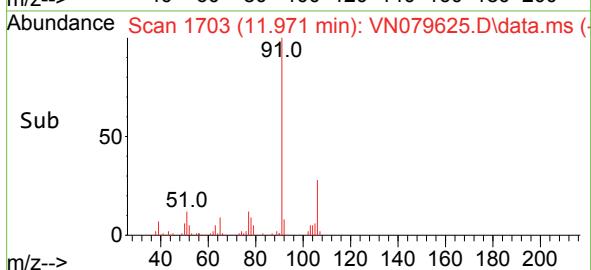
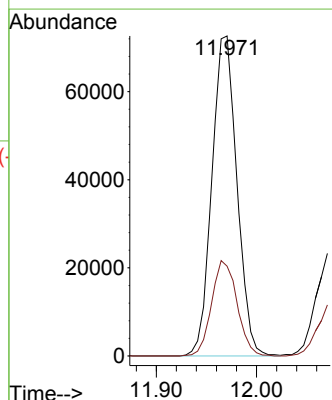
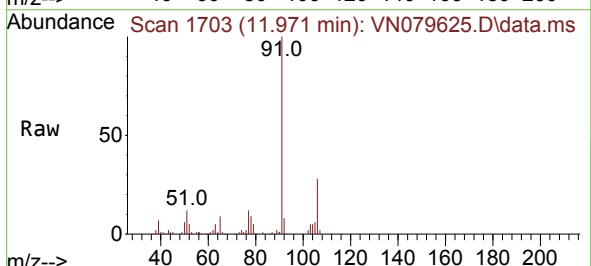
Acq: 20 Oct 2023 13:53

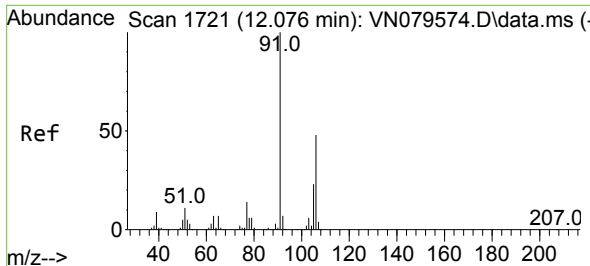
Tgt Ion: 91 Resp: 126069

Ion Ratio Lower Upper

91 100

106 28.1 23.8 35.8

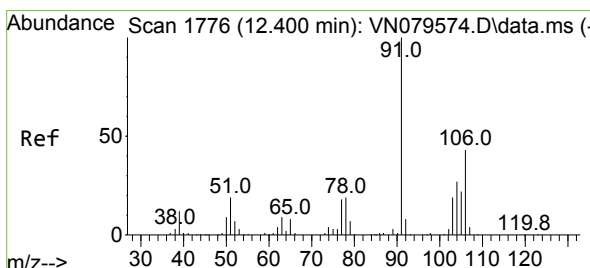
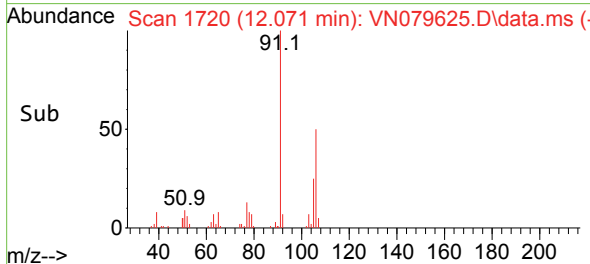
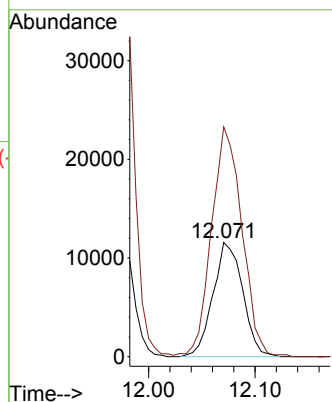
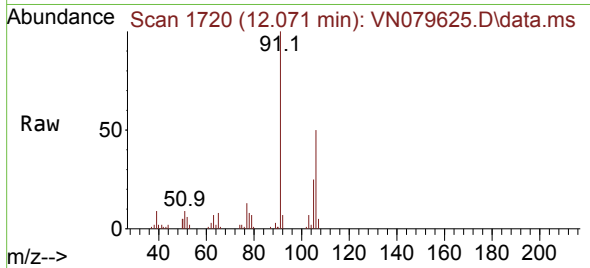




#67
m/p-Xylenes
Concen: 4.962 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

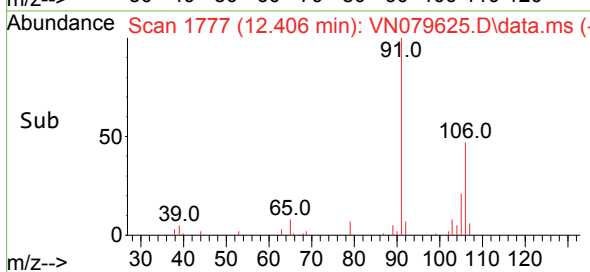
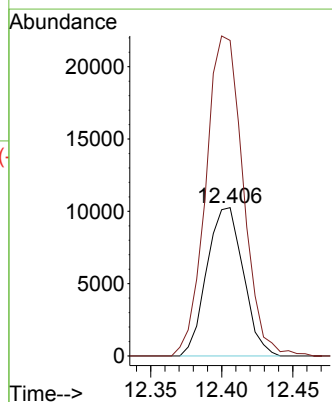
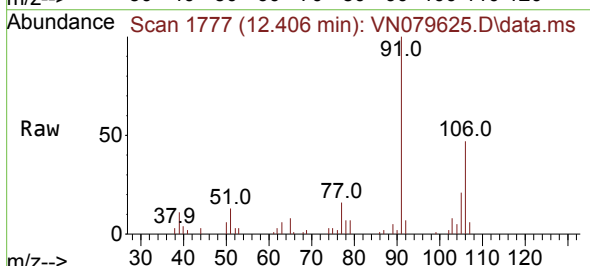
Instrument :
MSVOA_N
ClientSampleId :

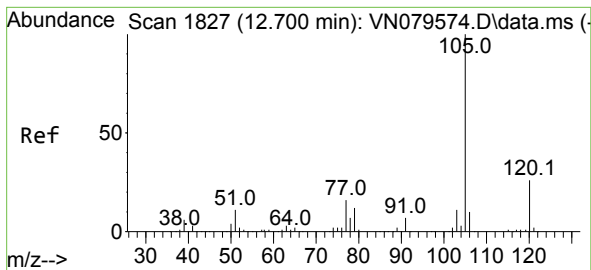
Tgt Ion:106 Resp: 22390
Ion Ratio Lower Upper
106 100
91 202.8 161.8 242.6



#68
o-Xylene
Concen: 4.244 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

Tgt Ion:106 Resp: 18305
Ion Ratio Lower Upper
106 100
91 220.7 109.9 329.7





#70

Isopropylbenzene

Concen: 1.064 ug/l

RT: 12.700 min Scan# 11774

Delta R.T. 0.000 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

Instrument :

MSVOA_N

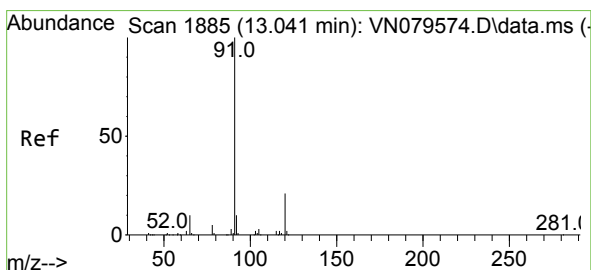
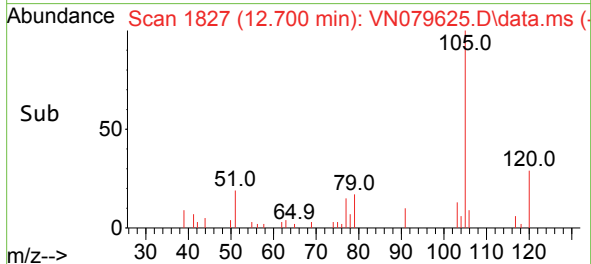
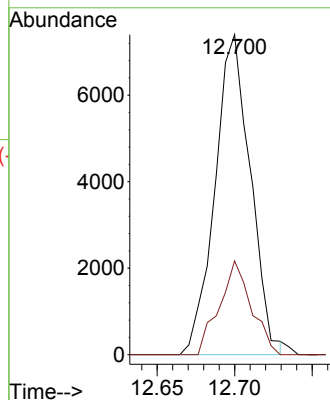
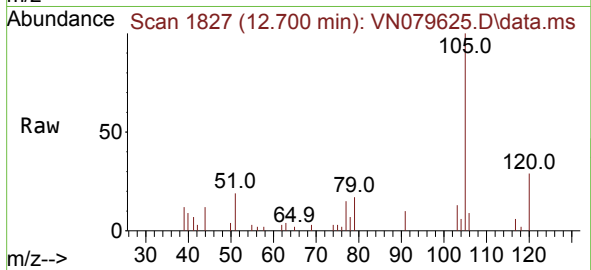
ClientSampleId :

Tgt Ion:105 Resp: 11774

Ion Ratio Lower Upper

105 100

120 26.3 18.1 33.5



#74

n-propylbenzene

Concen: 0.527 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079625.D

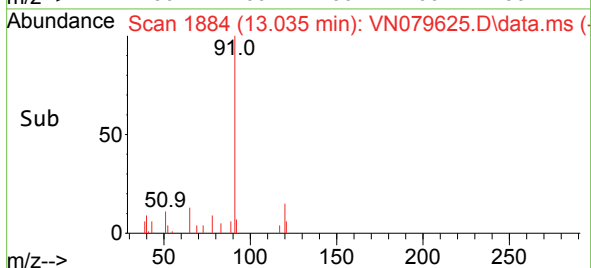
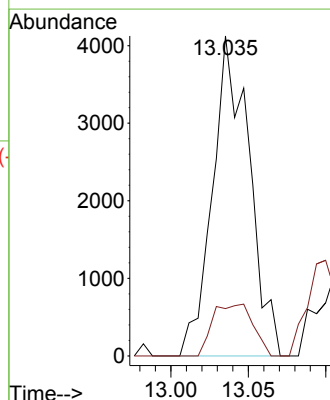
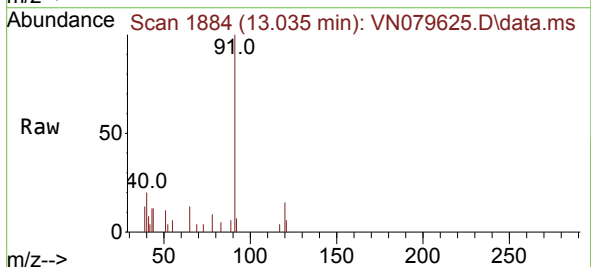
Acq: 20 Oct 2023 13:53

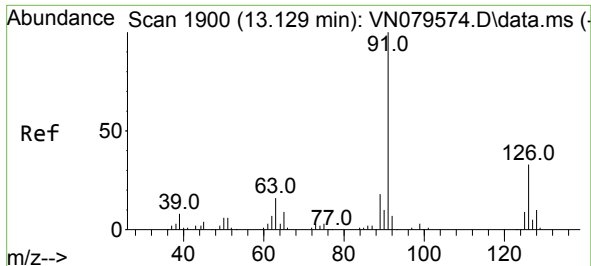
Tgt Ion: 91 Resp: 6786

Ion Ratio Lower Upper

91 100

120 7.8 0.0 42.0

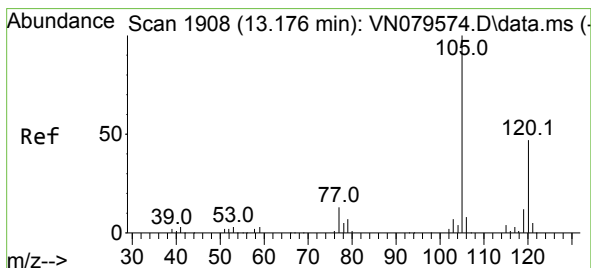
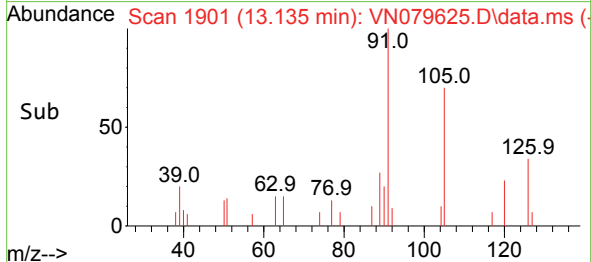
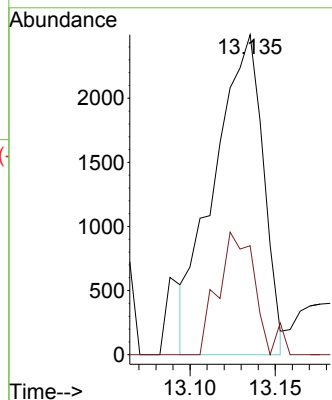
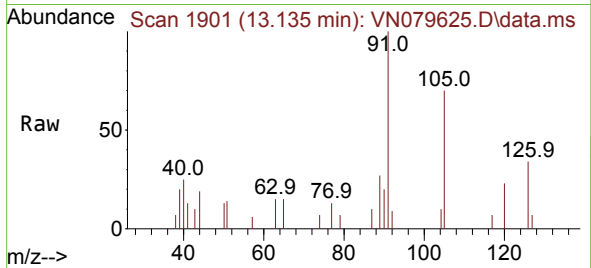




#75
2-Chlorotoluene
Concen: 0.624 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

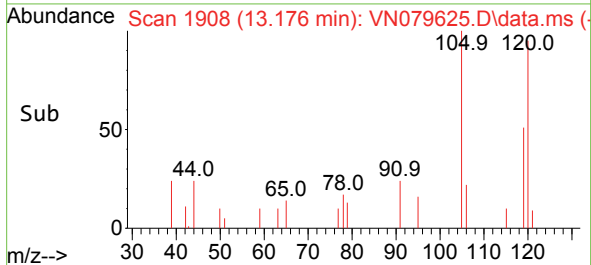
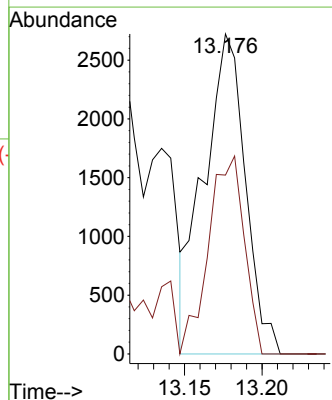
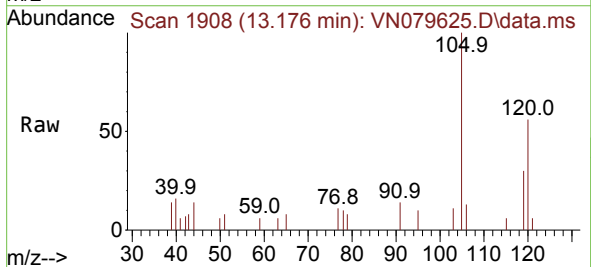
Instrument :
MSVOA_N
ClientSampleId :

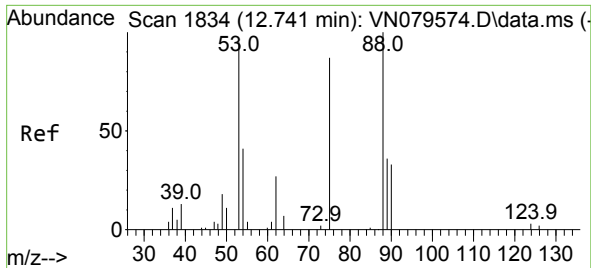
Tgt Ion: 91 Resp: 5000
Ion Ratio Lower Upper
91 100
126 27.5 0.0 64.6



#76
1,3,5-Trimethylbenzene
Concen: 0.560 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

Tgt Ion: 105 Resp: 5064
Ion Ratio Lower Upper
105 100
120 53.3 0.0 93.2

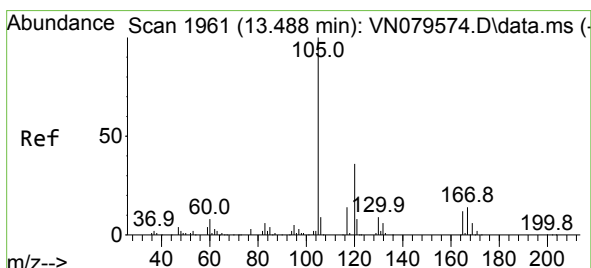
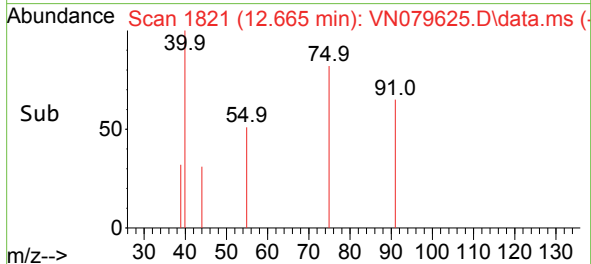
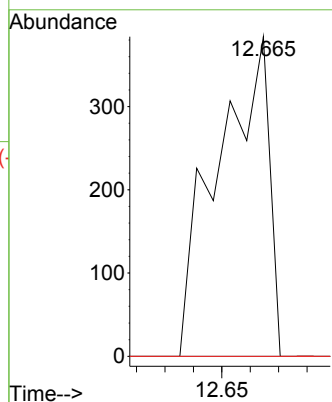
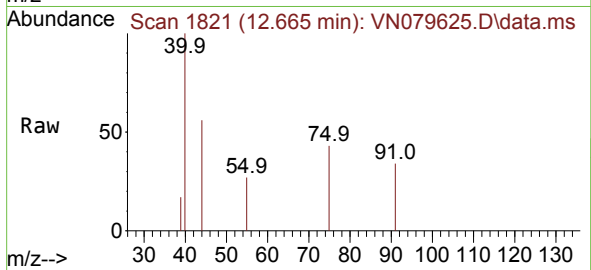




#77
t-1,4-Dichloro-2-butene
Concen: 0.441 ug/l
RT: 12.665 min Scan# 1821
Delta R.T. -0.076 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

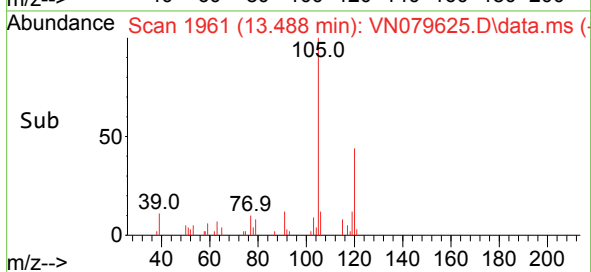
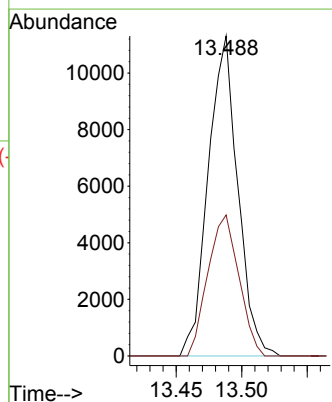
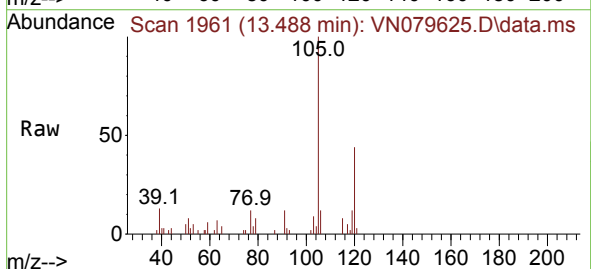
Instrument :
MSVOA_N
ClientSampleId :

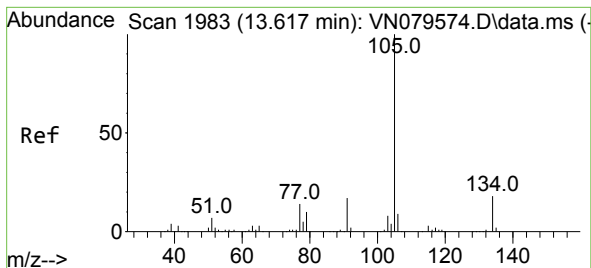
Tgt Ion: 75 Resp: 481
Ion Ratio Lower Upper
75 100
53 0.0 53.0 159.1#
89 0.0 22.6 67.7#



#80
1,2,4-Trimethylbenzene
Concen: 2.028 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079625.D
Acq: 20 Oct 2023 13:53

Tgt Ion: 105 Resp: 17781
Ion Ratio Lower Upper
105 100
120 46.1 0.0 88.6





#81

sec-Butylbenzene

Concen: 1.076 ug/l

RT: 13.823 min Scan# 2051

Delta R.T. 0.206 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

Instrument :

MSVOA_N

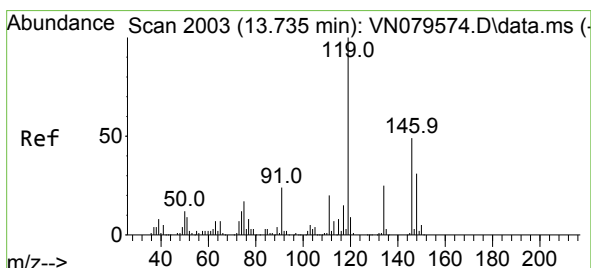
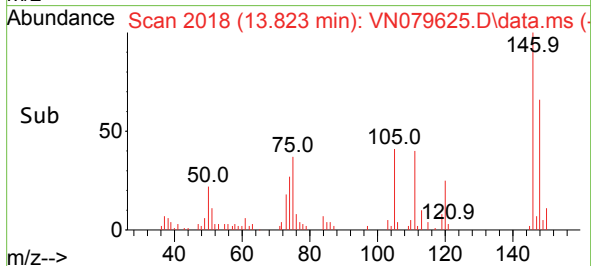
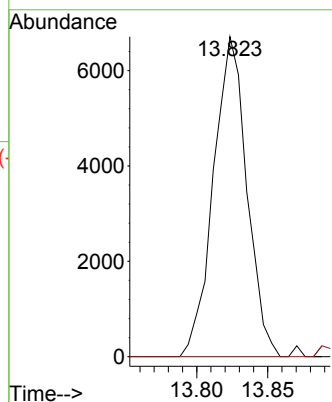
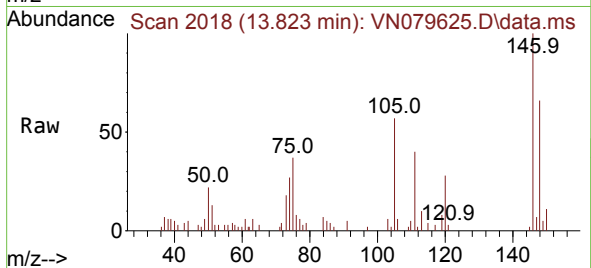
ClientSampleId :

Tgt Ion:105 Resp: 10993

Ion Ratio Lower Upper

105 100

134 1.3 0.0 38.2



#82

p-Isopropyltoluene

Concen: 0.374 ug/l

RT: 14.018 min Scan# 2051

Delta R.T. 0.283 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

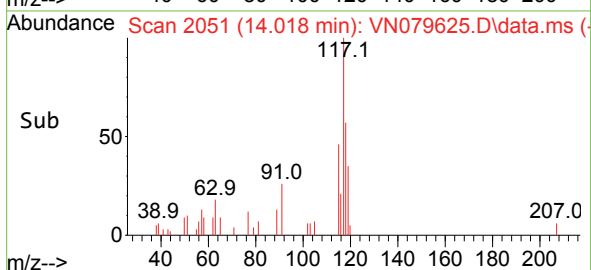
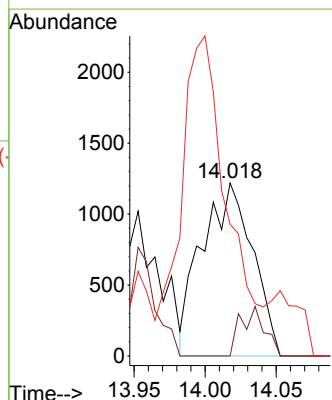
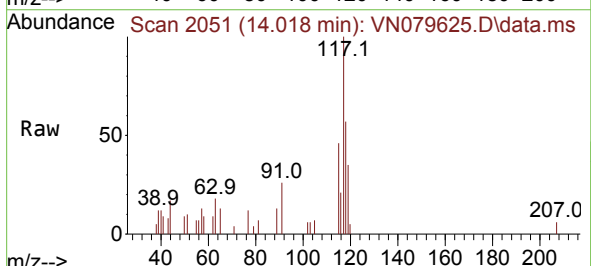
Tgt Ion:119 Resp: 3028

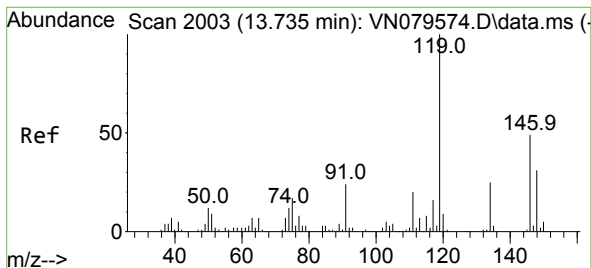
Ion Ratio Lower Upper

119 100

134 13.4 0.0 52.2

91 3.4 0.0 50.0





#83

1,3-Dichlorobenzene

Concen: 5.874 ug/l

RT: 13.818 min Scan# 20

Delta R.T. 0.083 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

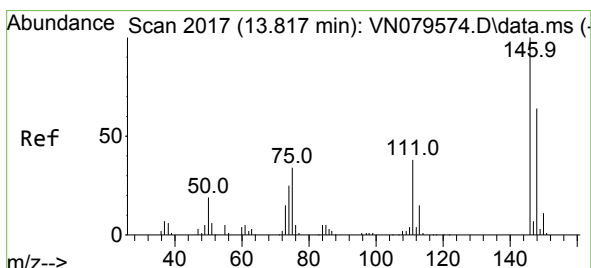
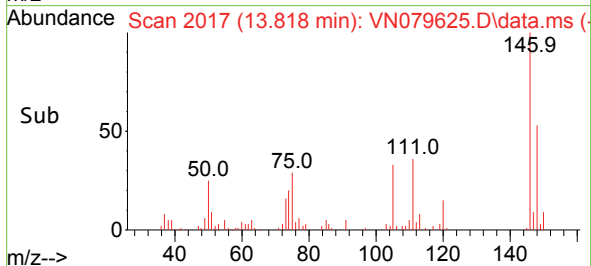
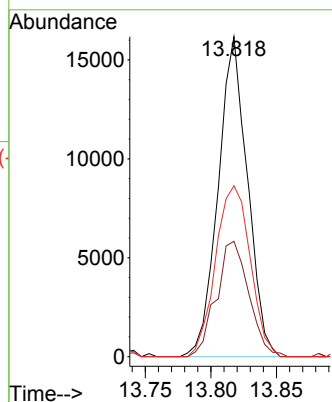
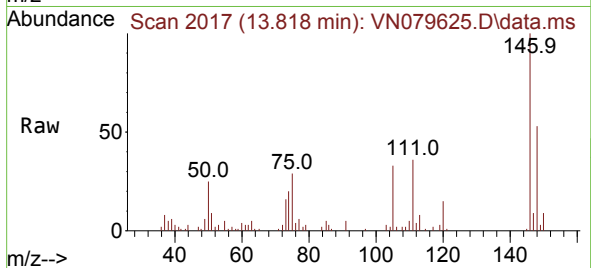
Tgt Ion:146 Resp: 25115

Ion Ratio Lower Upper

146 100

111 40.1 21.0 63.0

148 63.1 32.4 97.0



#84

1,4-Dichlorobenzene

Concen: 6.127 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

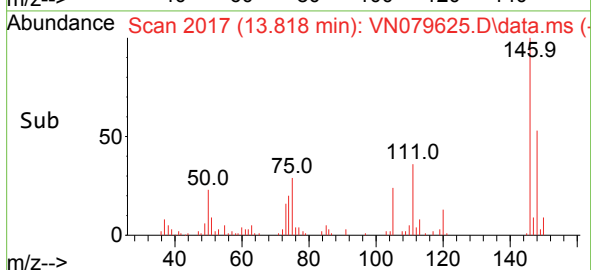
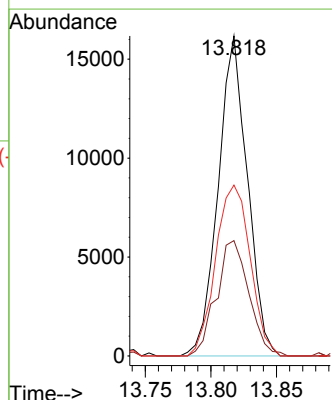
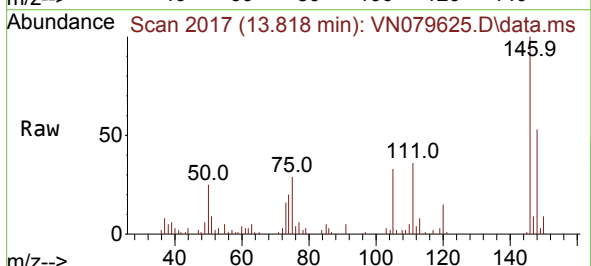
Tgt Ion:146 Resp: 25115

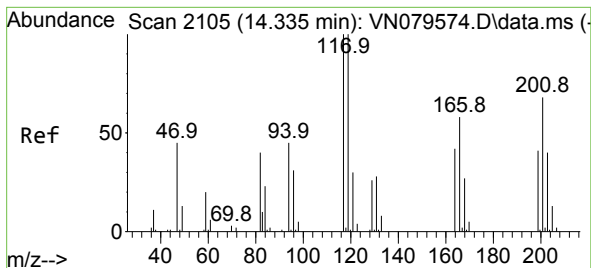
Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.7

148 63.1 32.6 97.7





#86

Hexachloroethane

Concen: 0.222 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

Instrument :

MSVOA_N

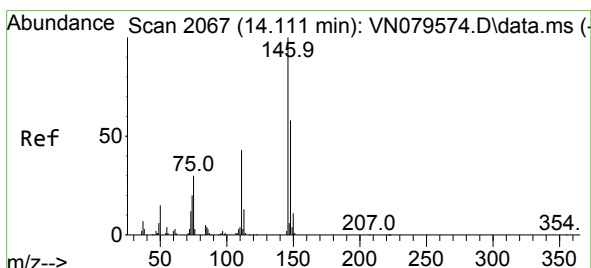
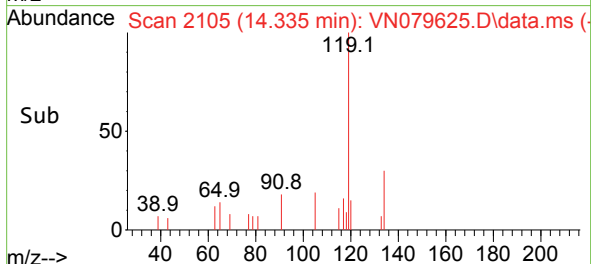
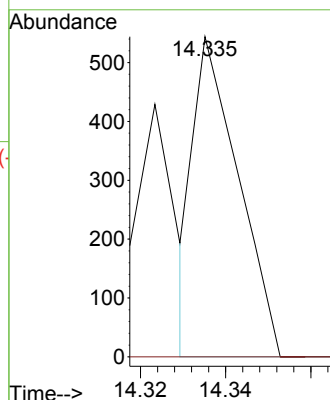
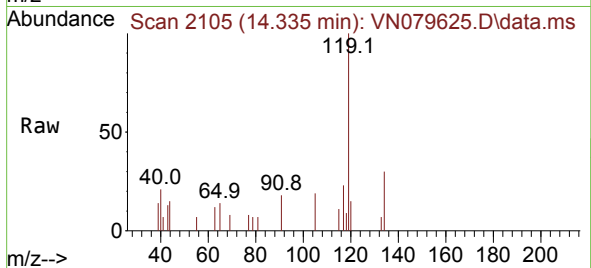
ClientSampleId :

Tgt Ion:117 Resp: 389

Ion Ratio Lower Upper

117 100

201 0.0 32.5 97.5#



#87

1,2-Dichlorobenzene

Concen: 0.478 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079625.D

Acq: 20 Oct 2023 13:53

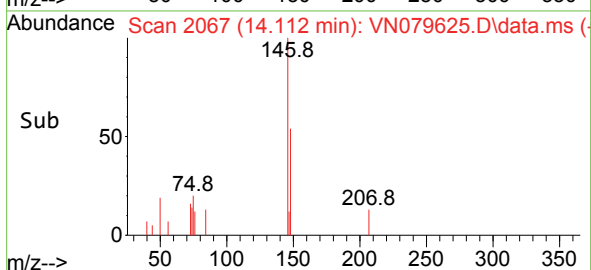
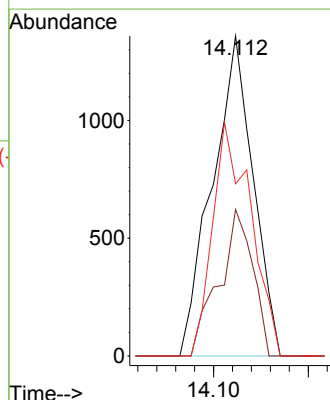
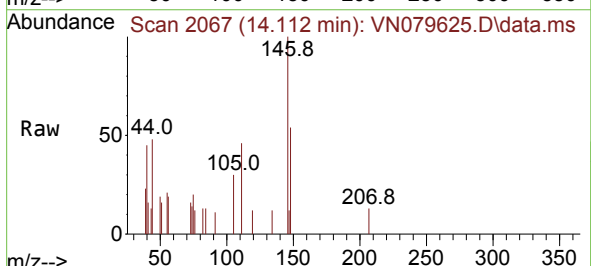
Tgt Ion:146 Resp: 2031

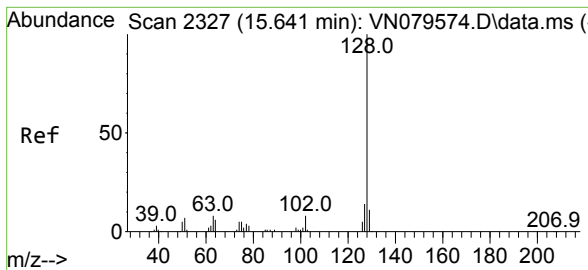
Ion Ratio Lower Upper

146 100

111 38.0 22.0 66.0

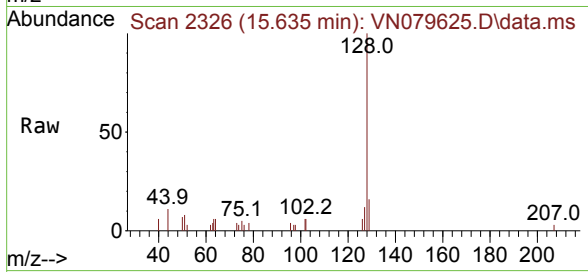
148 68.2 31.1 93.5





#91
 Naphthalene
 Concen: 3.054 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079625.D
 Acq: 20 Oct 2023 13:53

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128	Resp:	11800
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.9 16.3#
129	6.1	8.6 12.8#

