

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080247.D
 Acq On : 22 Nov 2023 15:07
 Operator : JC\MD
 Sample : 05518-04
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 23 00:21:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	311017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	140255	53.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.680%
35) Dibromofluoromethane	8.165	113	108145	49.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	10.570	98	405481	51.453	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.853	95	169206	56.845	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.680%
Target Compounds						
					Qvalue	
5) Bromomethane	2.947	94	403	0.317	ug/l #	60
6) Chloroethane	3.124	64	222	Below Cal	#	43
11) Tert butyl alcohol	5.512	59	986	3.442	ug/l #	72
13) Acrolein	4.365	56	115	0.454	ug/l #	16
16) Acetone	4.418	43	237	0.271	ug/l #	18
17) Carbon Disulfide	4.683	76	12306	2.471	ug/l	100
18) Methyl Acetate	5.036	43	8084	2.875	ug/l	93
20) Methylene Chloride	5.283	84	1686	0.920	ug/l #	63
25) 2-Butanone	7.224	43	249656	240.133	ug/l #	1
29) Tetrahydrofuran	7.841	42	258	0.462	ug/l #	20
31) Cyclohexane	8.229	56	10452	3.689	ug/l #	68
36) 1,1-Dichloropropene	8.224	75	13259	4.189	ug/l #	51
37) Ethyl Acetate	7.482	43	649	0.296	ug/l #	63
38) Carbon Tetrachloride	8.224	117	18547	4.618	ug/l #	15
39) Methylcyclohexane	9.600	83	75779	24.831	ug/l #	88
40) Benzene	8.606	78	26750	2.974	ug/l	98
41) Methacrylonitrile	7.747	41	1418	1.176	ug/l #	20
43) Isopropyl Acetate	8.688	43	4711	1.103	ug/l #	49
45) 1,2-Dichloropropane	9.600	63	1204	0.576	ug/l #	1
48) Methyl methacrylate	9.659	41	18458	8.384	ug/l #	29
51) 4-Methyl-2-Pentanone	10.459	43	2597	1.174	ug/l	98
52) Toluene	10.635	92	124758	22.161	ug/l	98
53) t-1,3-Dichloropropene	10.700	75	11945	3.340	ug/l #	71
55) 1,1,2-Trichloroethane	11.006	97	18147	8.446	ug/l #	25
56) Ethyl methacrylate	10.859	69	752	0.343	ug/l #	32
59) 2-Hexanone	11.176	43	23615	13.287	ug/l #	27
67) Ethyl Benzene	11.964	91	116025	9.252	ug/l	91
68) m/p-Xylenes	12.070	106	269642	58.972	ug/l	85
69) o-Xylene	12.400	106	98489	22.856	ug/l	88
70) Styrene	12.406	104	5787	0.902	ug/l #	1
73) Isopropylbenzene	12.700	105	26695	2.095	ug/l	98
74) N-amyl acetate	12.482	43	25170	6.333	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.923	83	1244	0.326	ug/l #	26
76) 1,2,3-Trichloropropane	12.853	75	92679	23.064	ug/l #	1
78) n-propylbenzene	13.035	91	57946	4.066	ug/l	97
79) 2-Chlorotoluene	13.106	91	22858	2.470	ug/l #	44

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

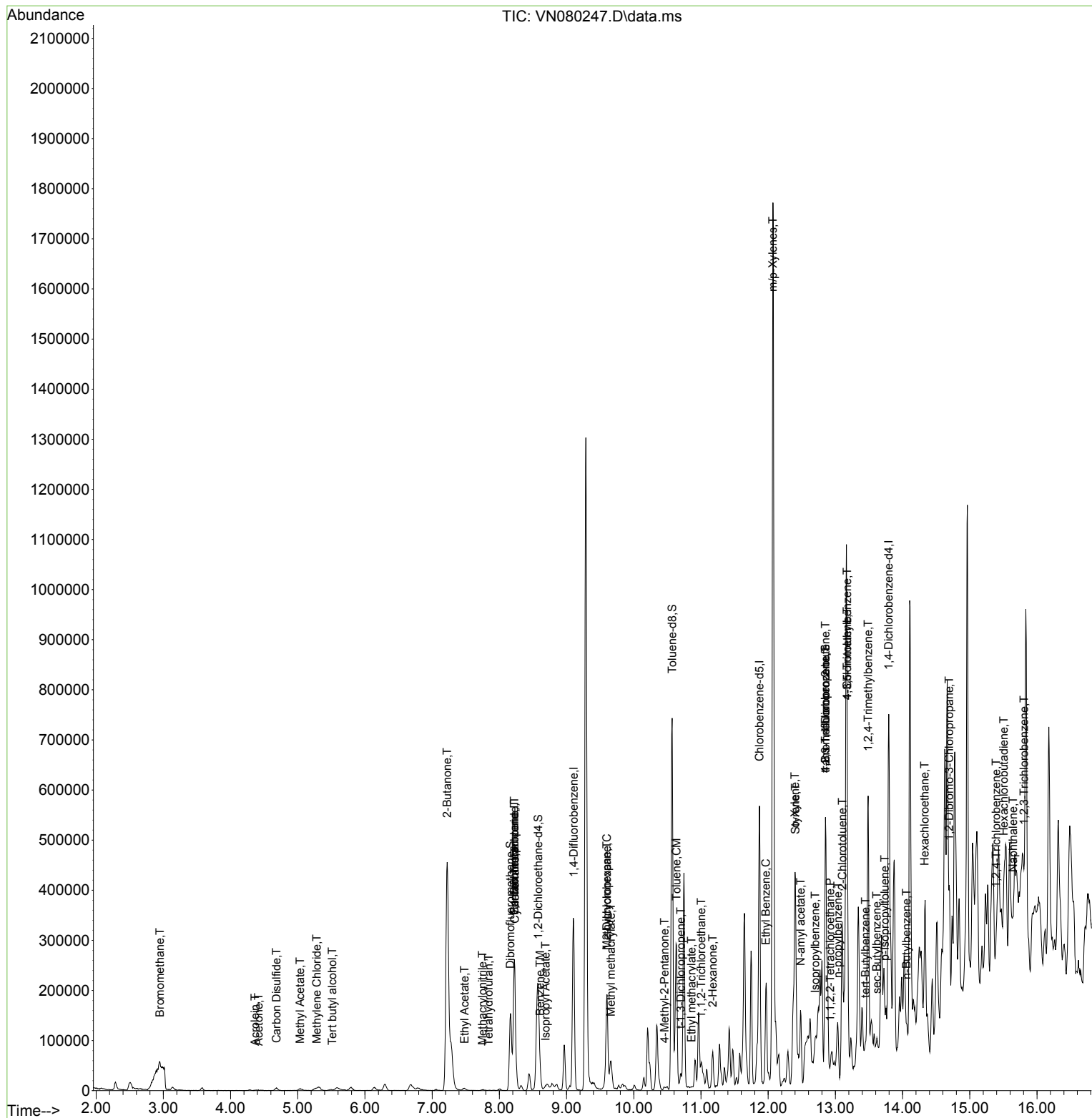
80) 1,3,5-Trimethylbenzene	13.176	105	157959	14.238	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.853	75	92679	77.923	ug/l #	15
82) 4-Chlorotoluene	13.176	91	18837	1.987	ug/l #	43
83) tert-Butylbenzene	13.447	119	6259	0.704	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	322668	29.538	ug/l	96
85) sec-Butylbenzene	13.617	105	18145	1.612	ug/l #	42
86) p-Isopropyltoluene	13.735	119	28232	2.808	ug/l	98
89) n-Butylbenzene	14.058	91	22158	2.633	ug/l #	79
90) Hexachloroethane	14.329	117	13377	6.825	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.694	75	1265	1.428	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.394	180	1373	0.426	ug/l #	1
94) Hexachlorobutadiene	15.505	225	864	0.466	ug/l	85
95) Naphthalene	15.647	128	95100	10.179	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.805	180	5987	1.982	ug/l #	29

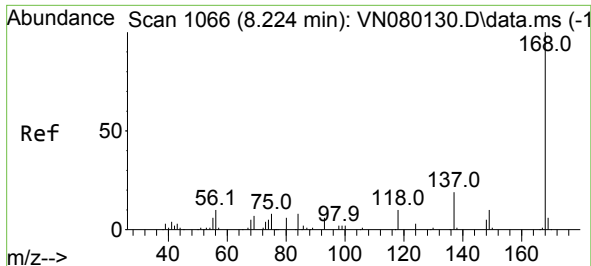
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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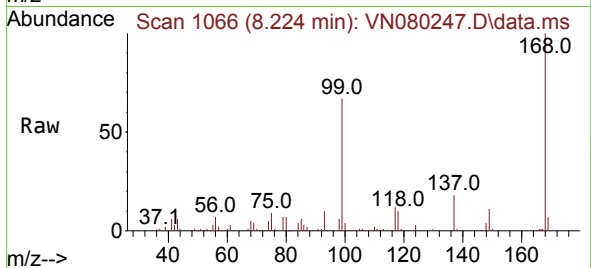
Quant Time: Nov 23 00:21:46 2023
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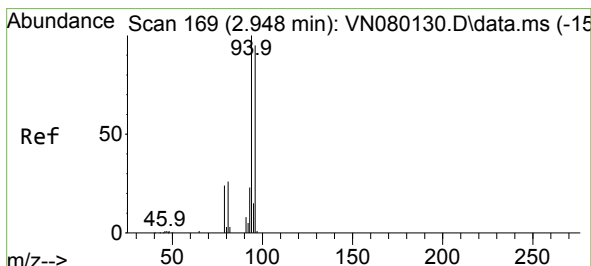
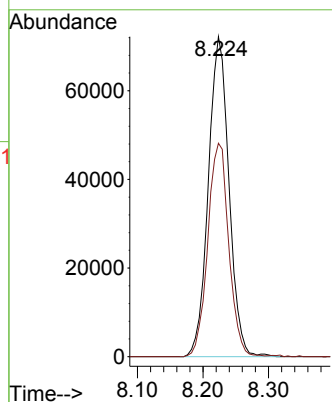
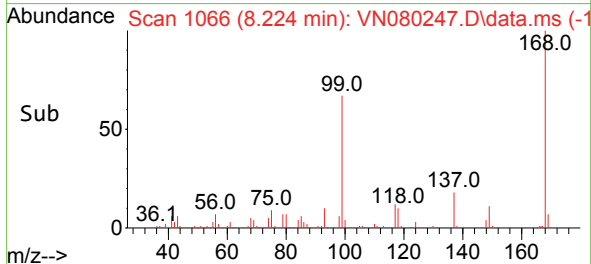


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :

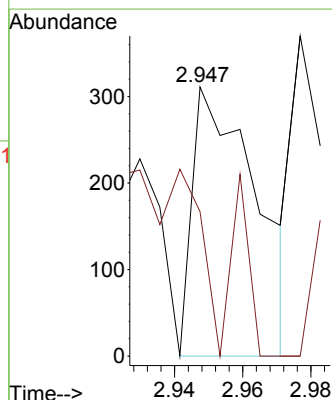
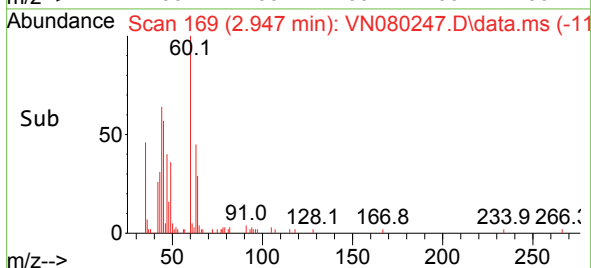
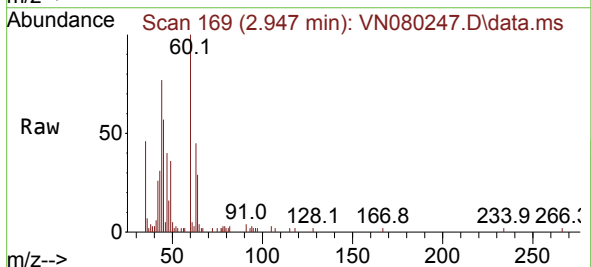


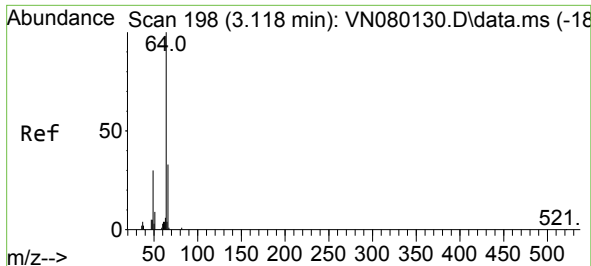
Tgt Ion:168 Resp: 157784
Ion Ratio Lower Upper
168 100
99 66.7 53.0 79.6



#5
Bromomethane
Concen: 0.317 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Tgt Ion: 94 Resp: 403
Ion Ratio Lower Upper
94 100
96 53.7 73.1 109.7#

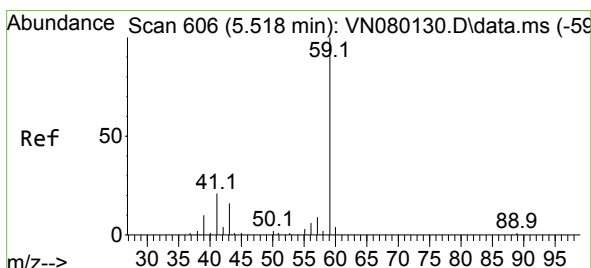
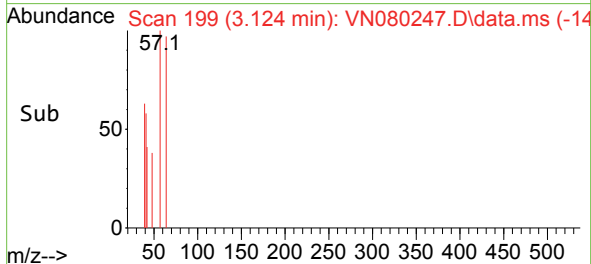
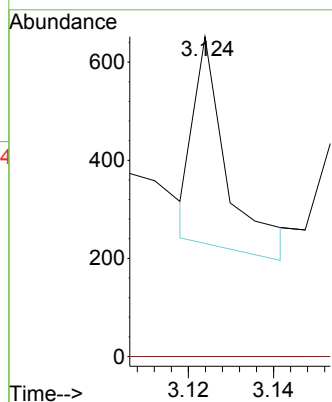
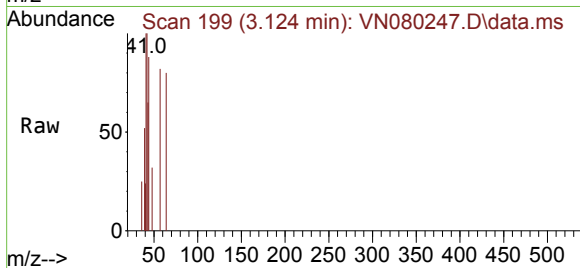




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

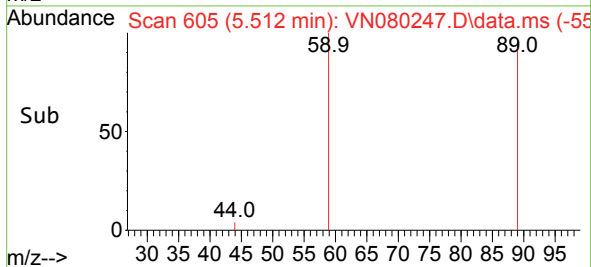
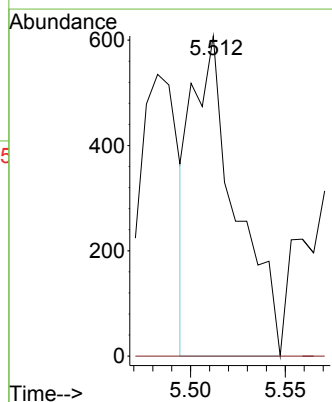
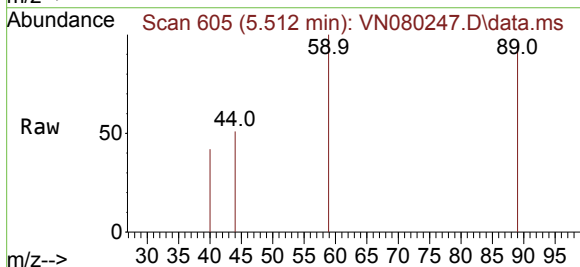
Instrument :
MSVOA_N
ClientSampleId :

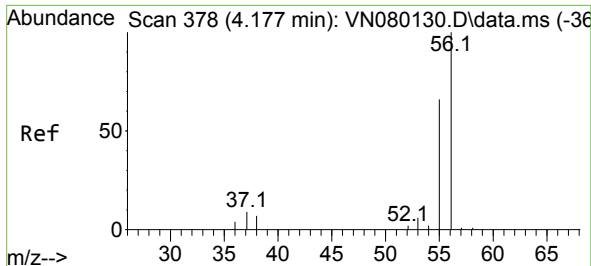
Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 3.442 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Tgt Ion: 59 Resp: 986
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.454 ug/l

RT: 4.365 min Scan# 410

Delta R.T. 0.188 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

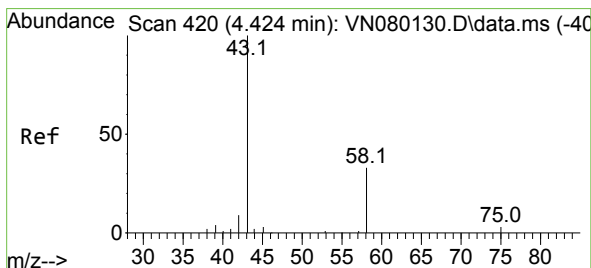
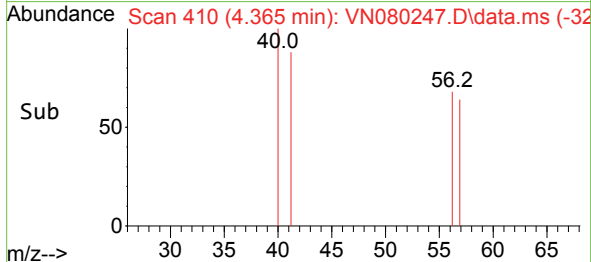
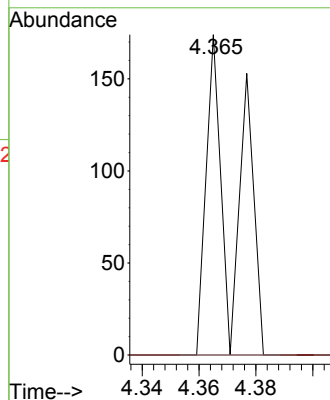
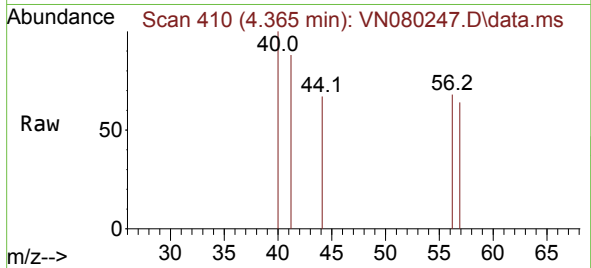
ClientSampleId :

Tgt Ion: 56 Resp: 115

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#16

Acetone

Concen: 0.271 ug/l

RT: 4.418 min Scan# 419

Delta R.T. -0.006 min

Lab File: VN080247.D

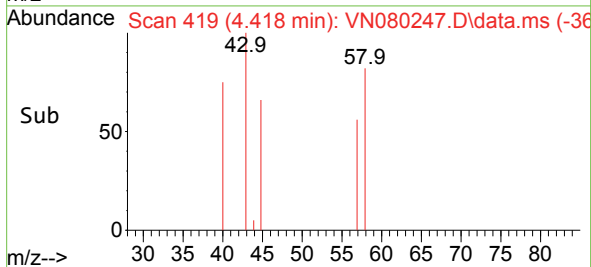
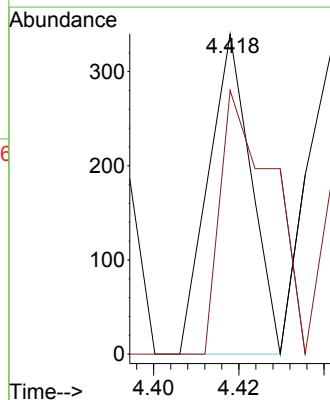
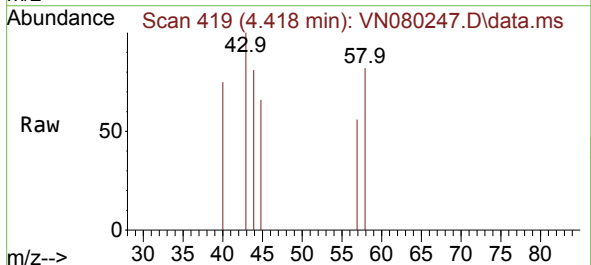
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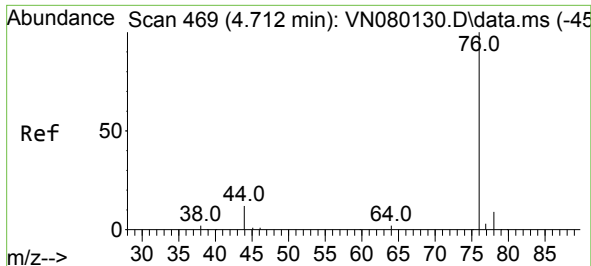
Tgt Ion: 43 Resp: 237

Ion Ratio Lower Upper

43 100

58 82.4 28.0 42.0#

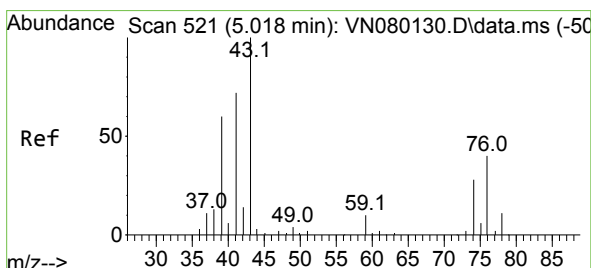
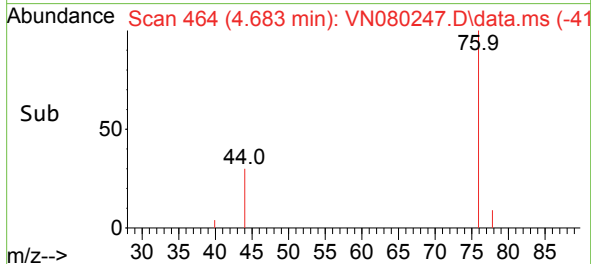
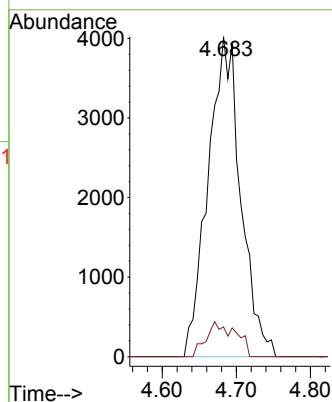
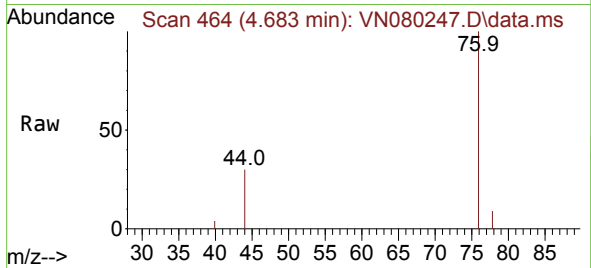




#17
Carbon Disulfide
Concen: 2.471 ug/l
RT: 4.683 min Scan# 41
Delta R.T. -0.030 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

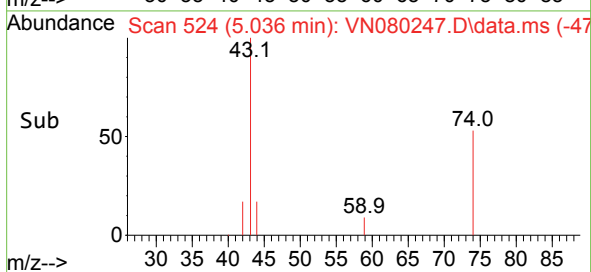
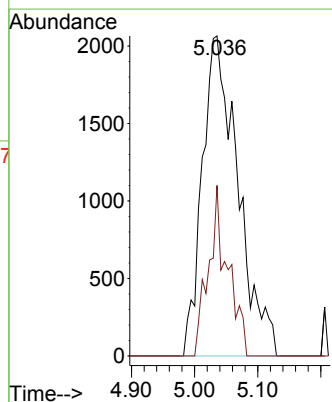
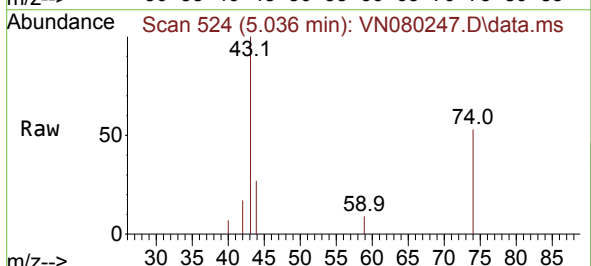
Instrument :
MSVOA_N
ClientSampleId :

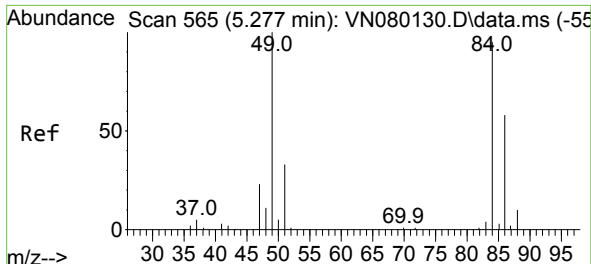
Tgt Ion: 76 Resp: 12306
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 2.875 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.017 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

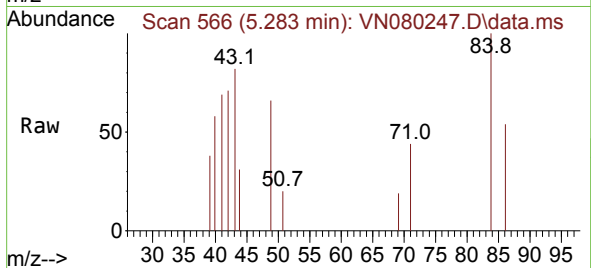
Tgt Ion: 43 Resp: 8084
Ion Ratio Lower Upper
43 100
74 28.8 26.2 39.4



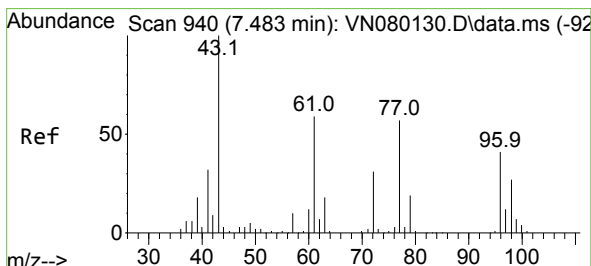
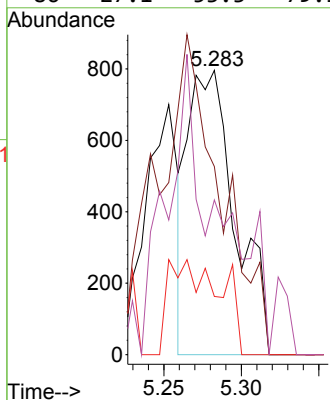
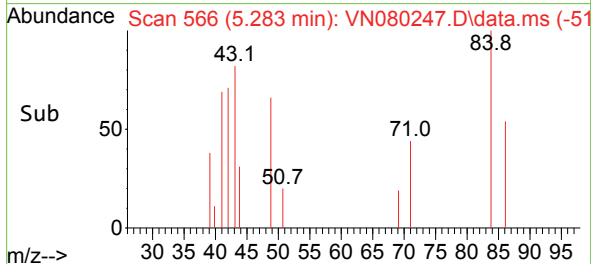


#20
Methylene Chloride
Concen: 0.920 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
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Acq: 22 Nov 2023 15:07

Instrument :
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ClientSampleId :

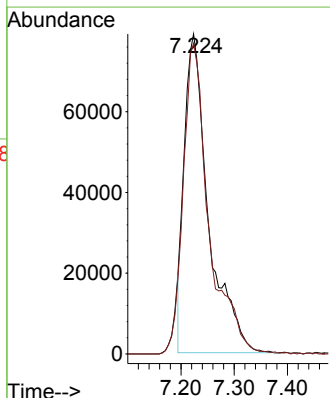
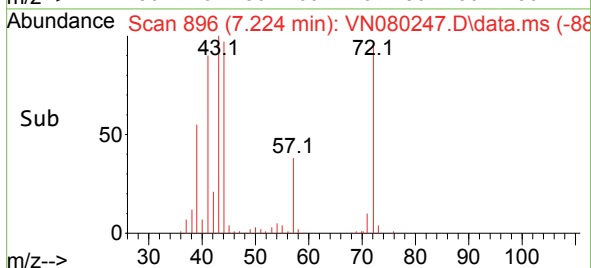
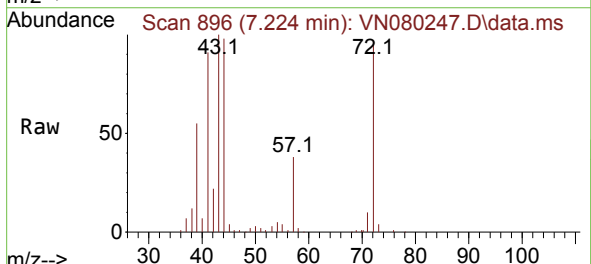


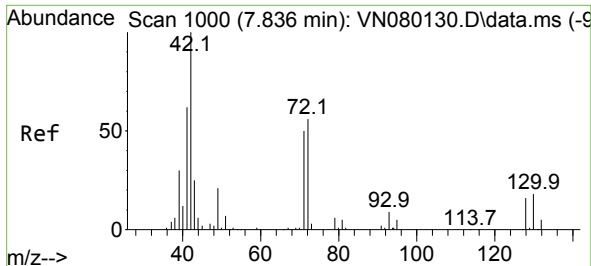
Tgt Ion: 84 Resp: 1686
Ion Ratio Lower Upper
84 100
49 66.2 79.7 119.5#
51 20.5 25.2 37.8#
86 27.1 53.3 79.9#



#25
2-Butanone
Concen: 240.133 ug/l
RT: 7.224 min Scan# 896
Delta R.T. -0.259 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Tgt Ion: 43 Resp: 249656
Ion Ratio Lower Upper
43 100
72 97.3 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.462 ug/l

RT: 7.841 min Scan# 1067

Delta R.T. 0.006 min

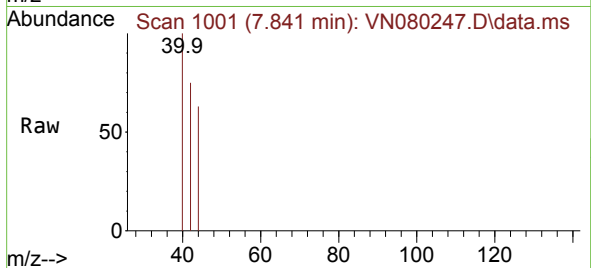
Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

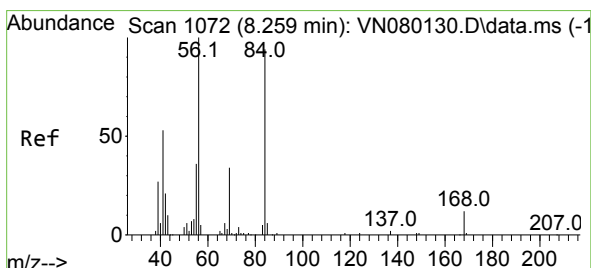
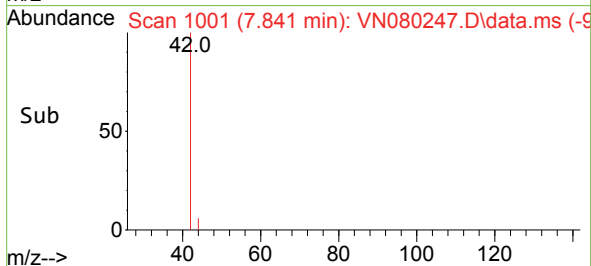
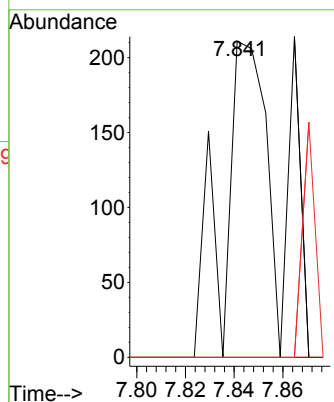
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	258
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



#31

Cyclohexane

Concen: 3.689 ug/l

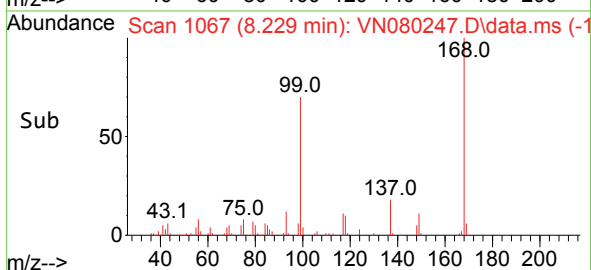
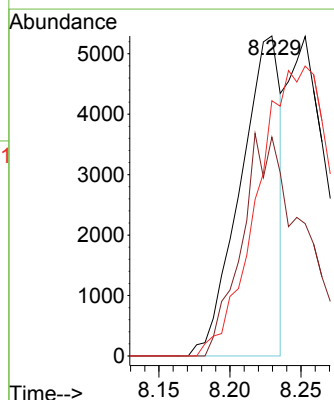
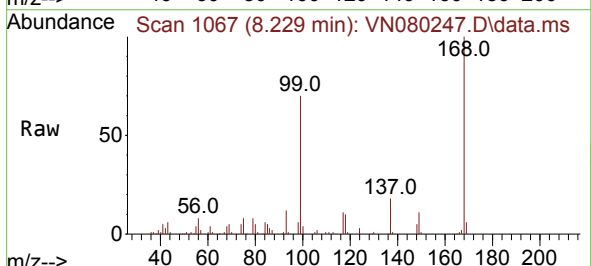
RT: 8.229 min Scan# 1067

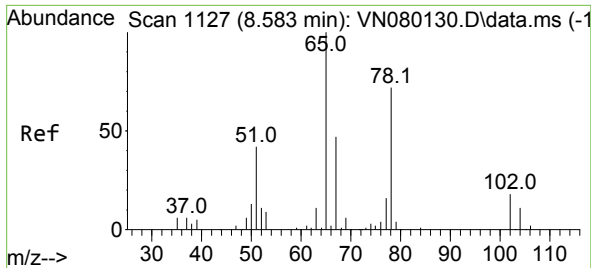
Delta R.T. -0.030 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Tgt Ion:	56	Resp:	10452
Ion	Ratio	Lower	Upper
56	100		
69	68.4	26.8	40.2#
84	79.7	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 53.835 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

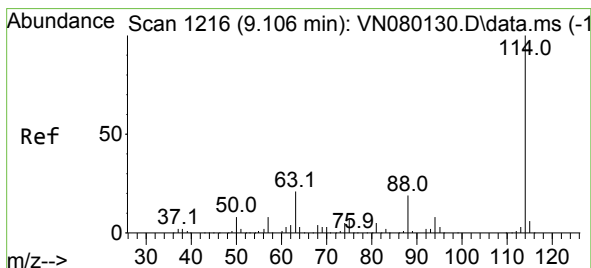
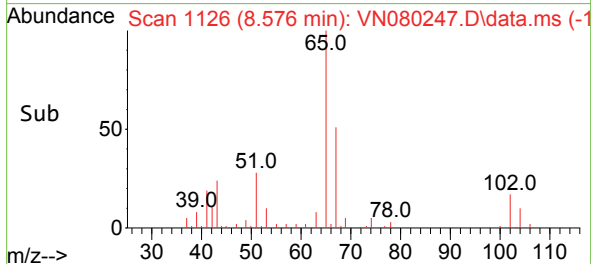
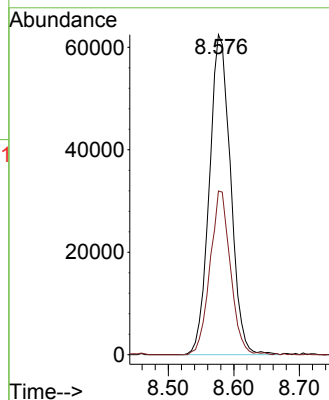
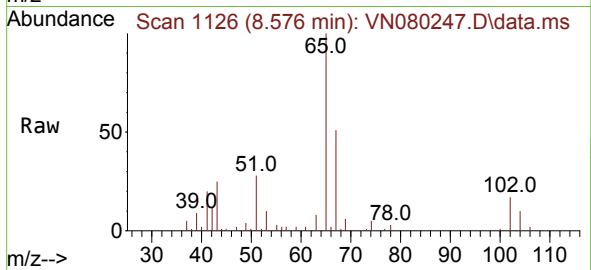
ClientSampleId :

Tgt Ion: 65 Resp: 140255

Ion Ratio Lower Upper

65 100

67 49.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

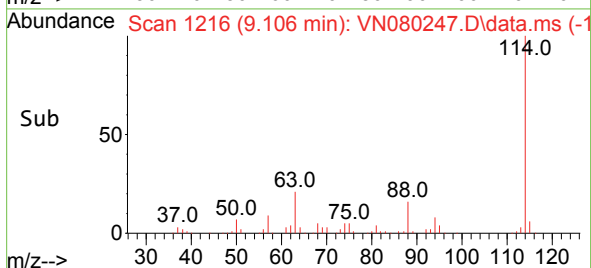
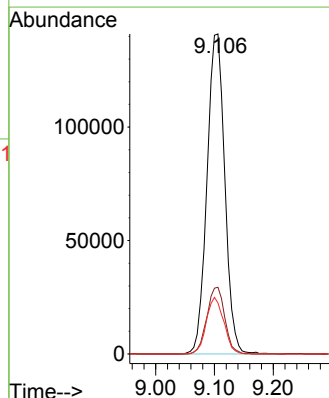
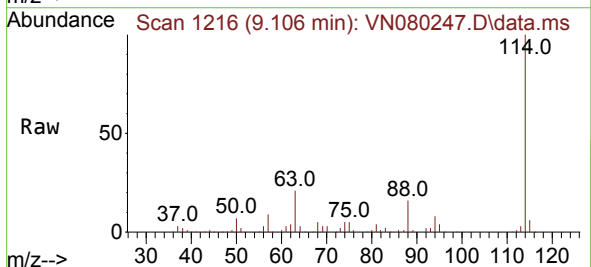
Tgt Ion: 114 Resp: 296278

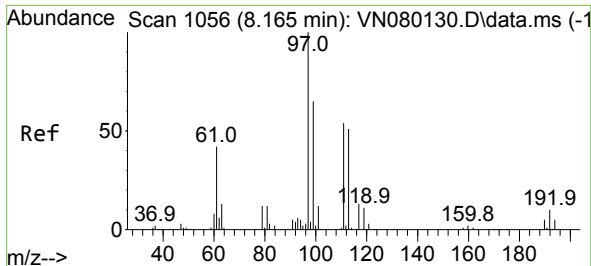
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.468 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

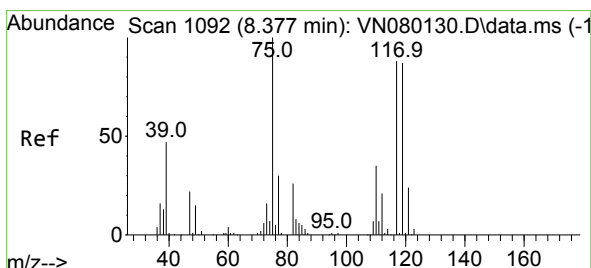
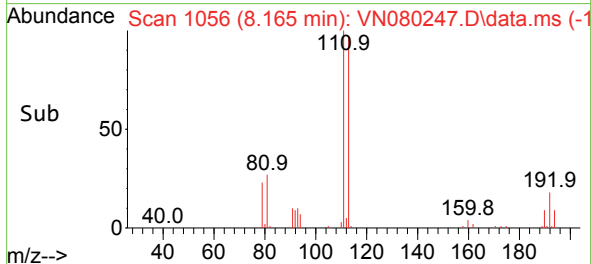
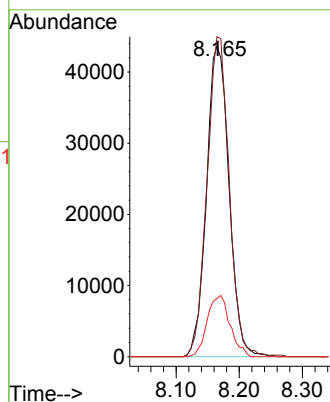
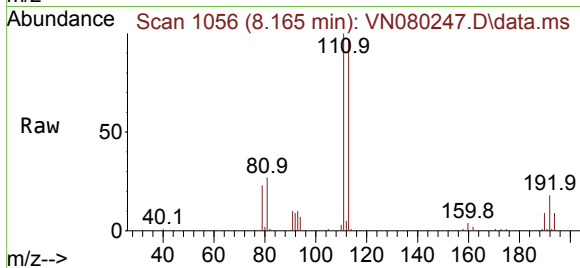
Tgt Ion:113 Resp: 108145

Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 19.9 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 4.189 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

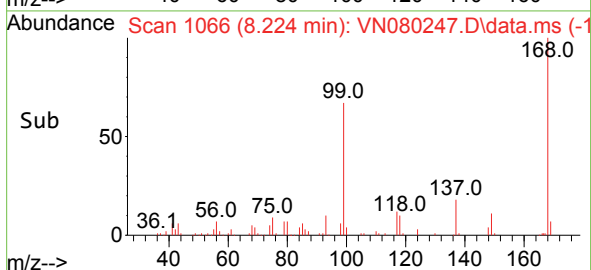
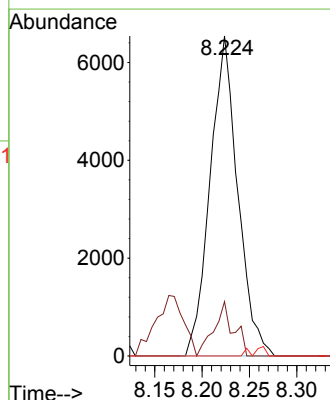
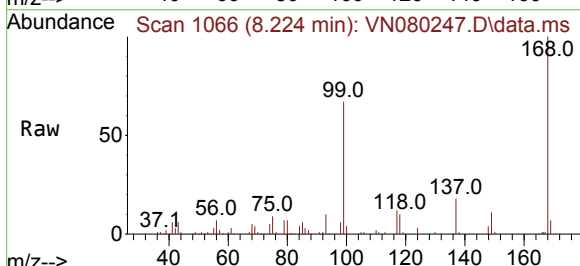
Tgt Ion: 75 Resp: 13259

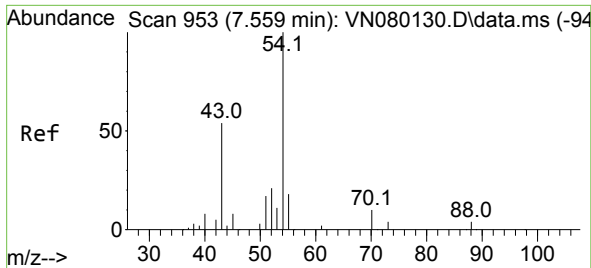
Ion Ratio Lower Upper

75 100

110 12.0 19.1 57.3#

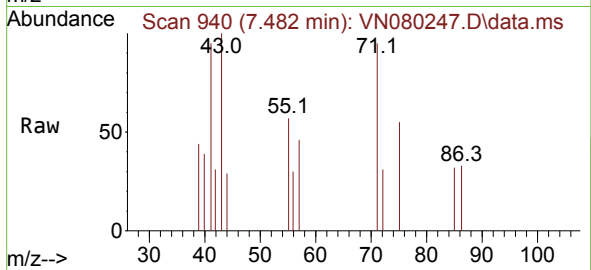
77 0.0 25.0 37.4#



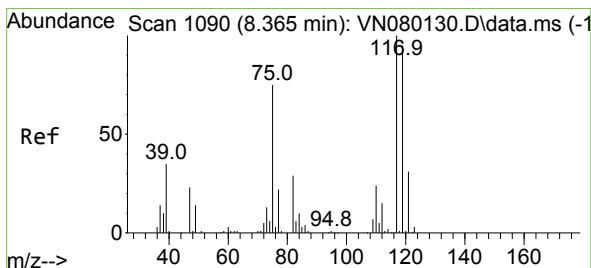
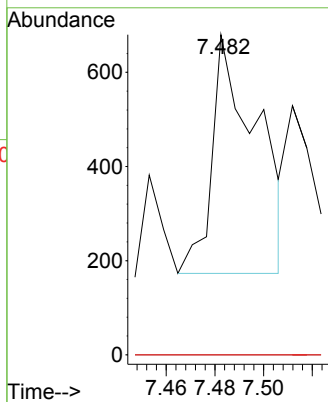
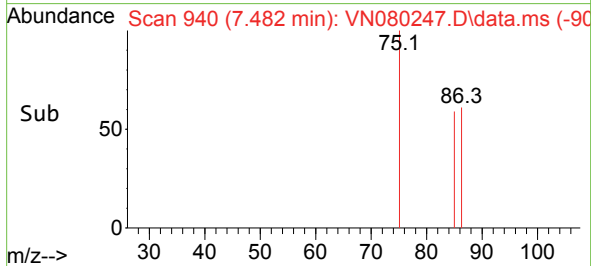


#37
Ethyl Acetate
Concen: 0.296 ug/l
RT: 7.482 min Scan# 94
Delta R.T. -0.077 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :

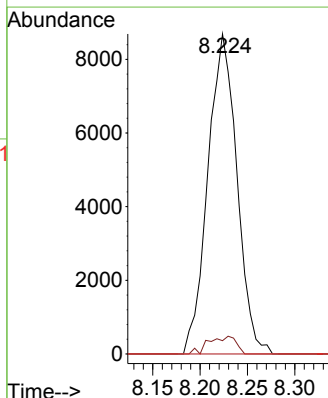
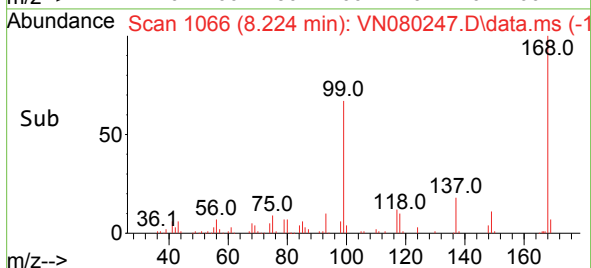
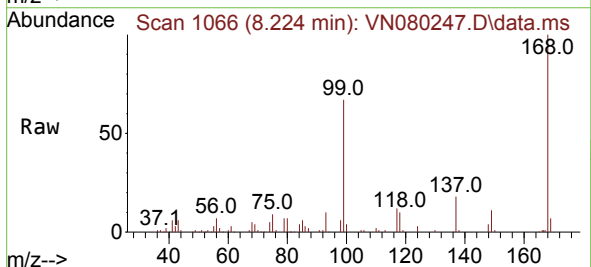


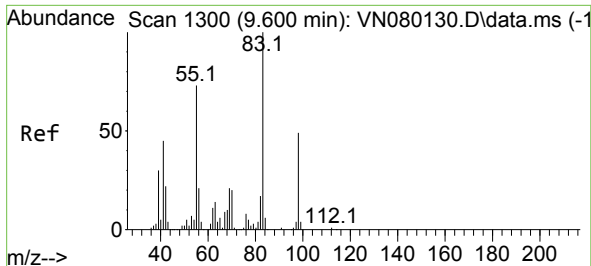
Tgt Ion: 43 Resp: 649
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 4.618 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

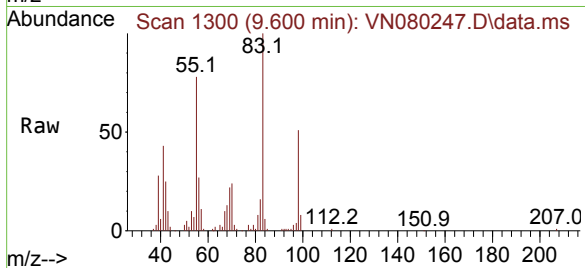
Tgt Ion: 117 Resp: 18547
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 23.3 34.9#



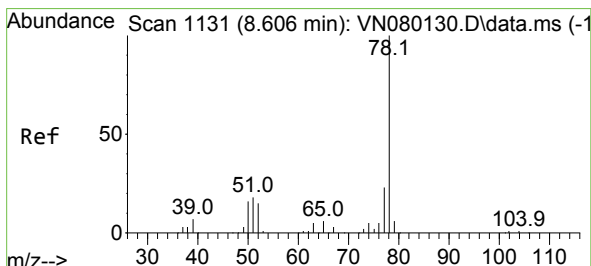
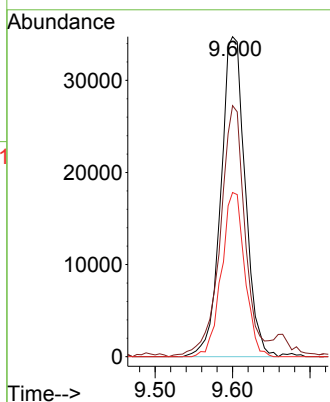
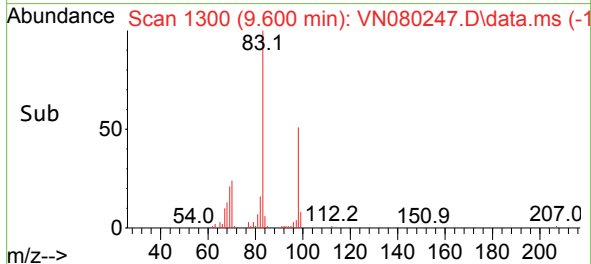


#39
Methylcyclohexane
Concen: 24.831 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :

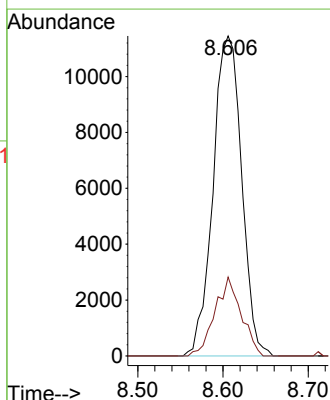
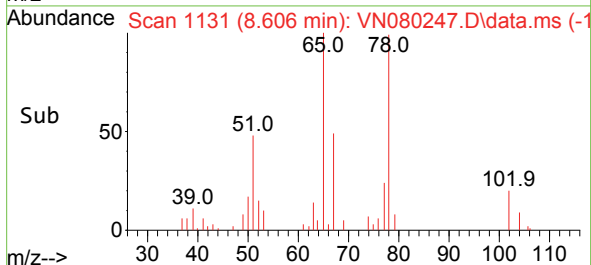
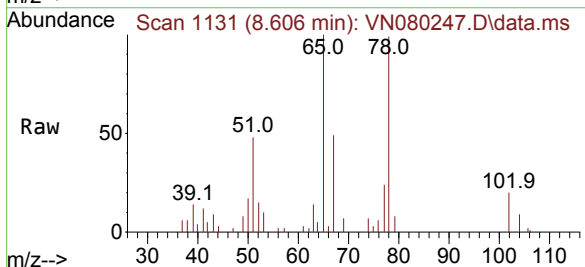


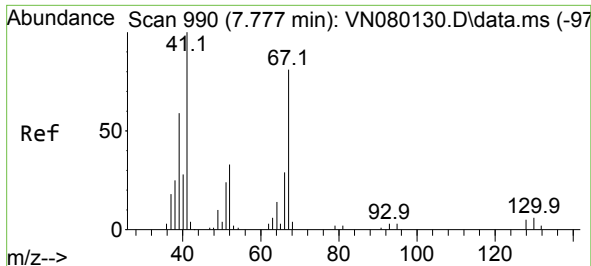
Tgt Ion: 83 Resp: 75779
Ion Ratio Lower Upper
83 100
55 77.8 49.1 73.7#
98 51.3 40.6 61.0



#40
Benzene
Concen: 2.974 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

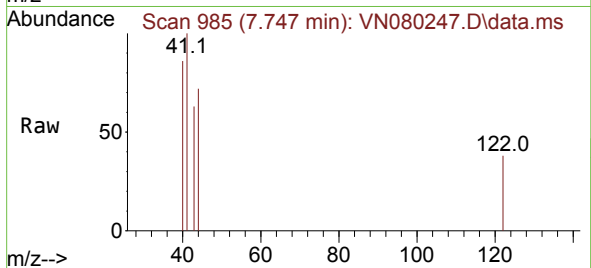
Tgt Ion: 78 Resp: 26750
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6



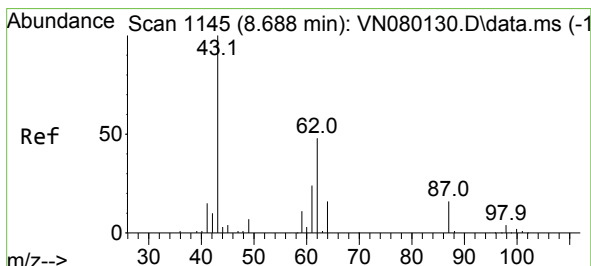
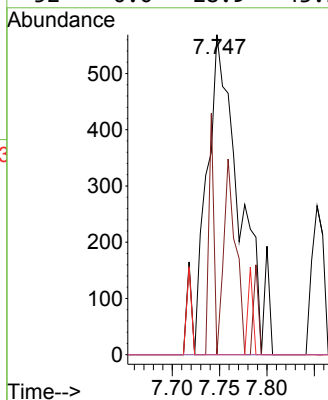
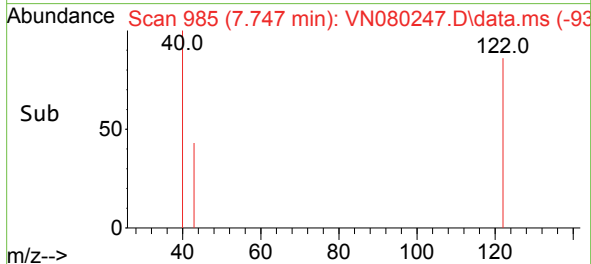


#41
Methacrylonitrile
Concen: 1.176 ug/l
RT: 7.747 min Scan# 91
Delta R.T. -0.030 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

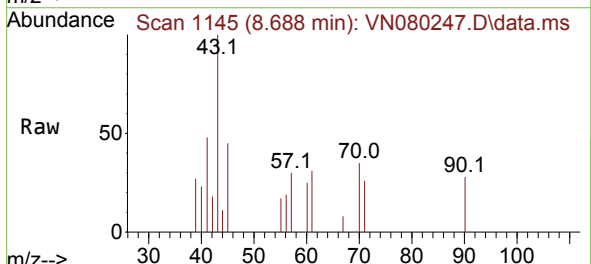
Instrument :
MSVOA_N
ClientSampleId :



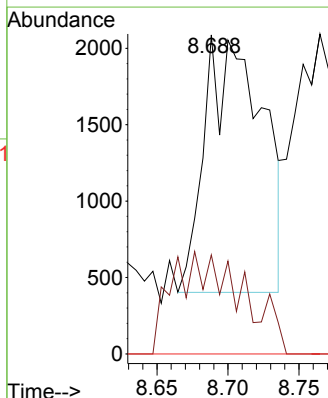
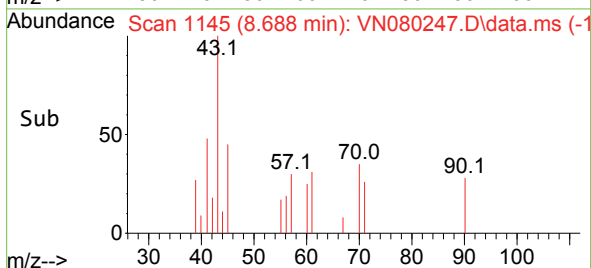
Tgt Ion: 41 Resp: 1418
Ion Ratio Lower Upper
41 100
39 10.6 42.6 64.0#
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#

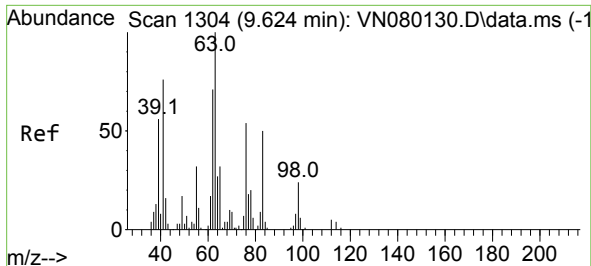


#43
Isopropyl Acetate
Concen: 1.103 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07



Tgt Ion: 43 Resp: 4711
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.576 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

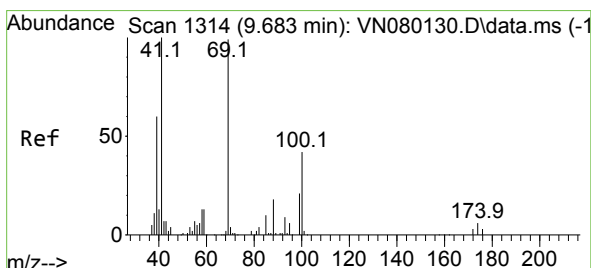
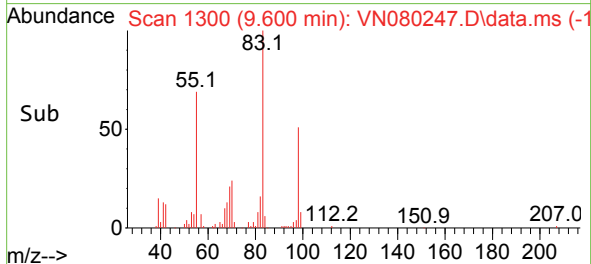
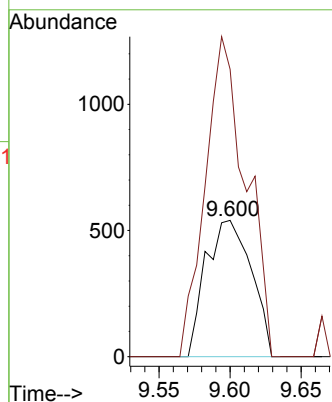
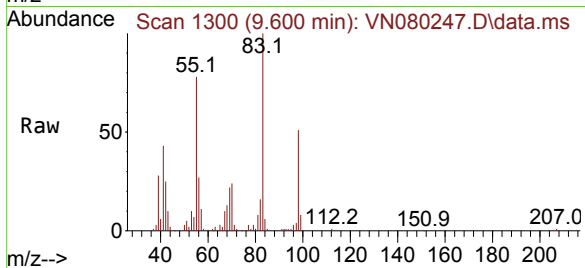
ClientSampleId :

Tgt Ion: 63 Resp: 1204

Ion Ratio Lower Upper

63 100

65 210.9 23.9 35.9#



#48

Methyl methacrylate

Concen: 8.384 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.024 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

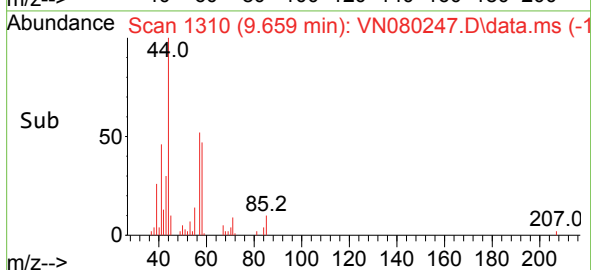
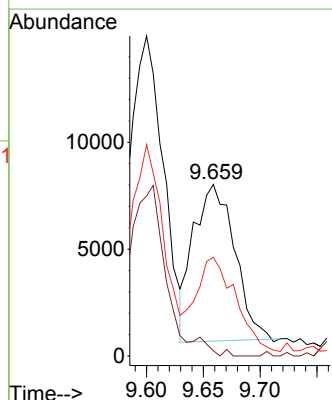
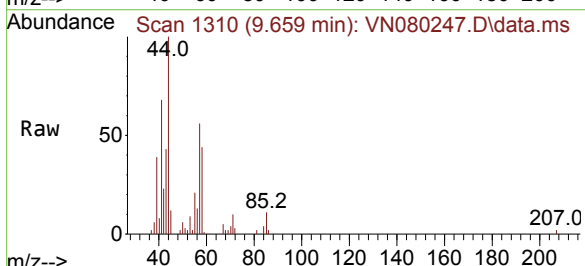
Tgt Ion: 41 Resp: 18458

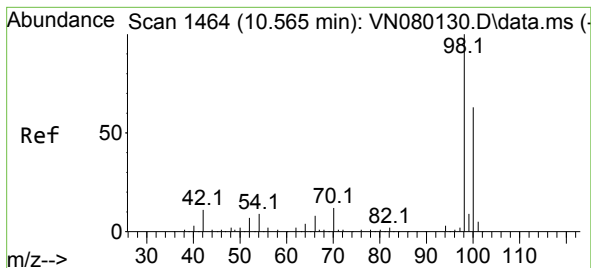
Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 56.1 54.6 81.8





#50

Toluene-d8

Concen: 51.453 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

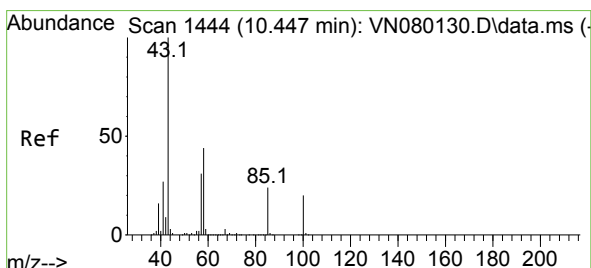
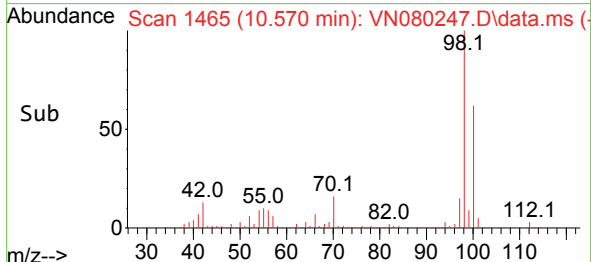
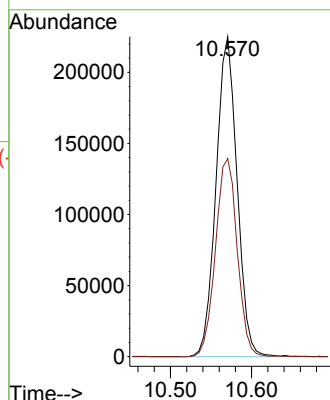
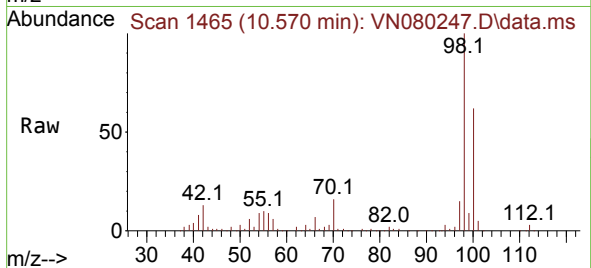
ClientSampleId :

Tgt Ion: 98 Resp: 405481

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.174 ug/l

RT: 10.459 min Scan# 1446

Delta R.T. 0.012 min

Lab File: VN080247.D

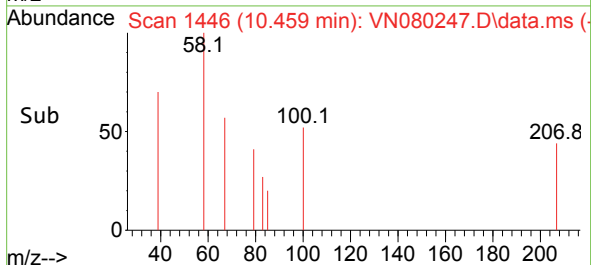
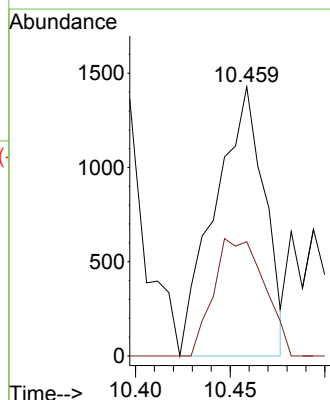
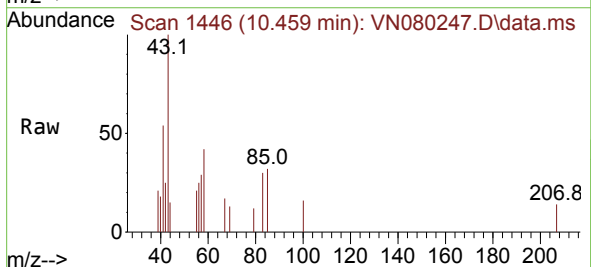
Acq: 22 Nov 2023 15:07

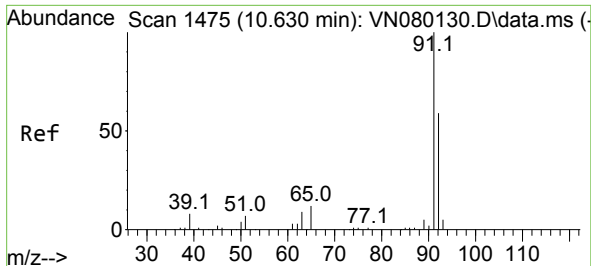
Tgt Ion: 43 Resp: 2597

Ion Ratio Lower Upper

43 100

58 44.7 36.6 54.8

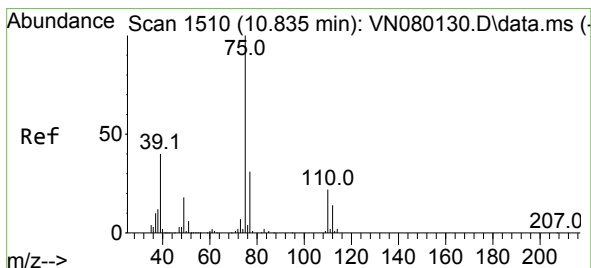
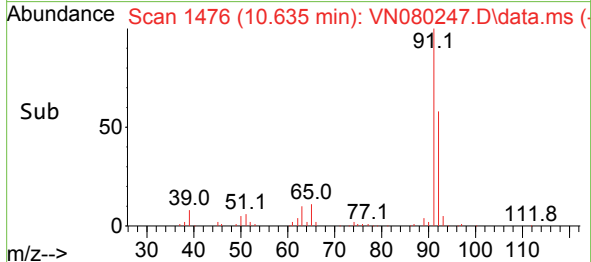
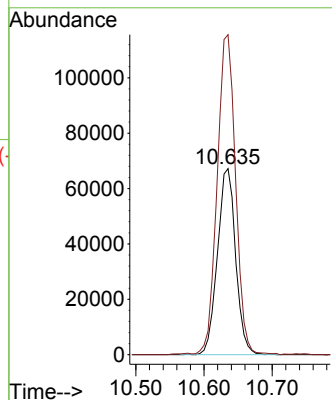
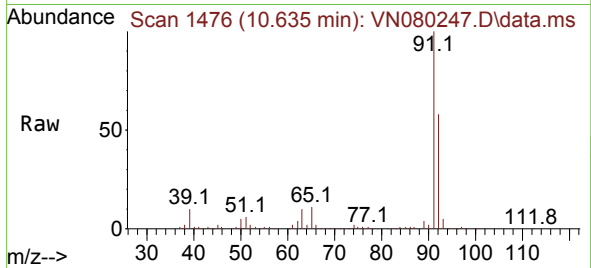




#52
Toluene
Concen: 22.161 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

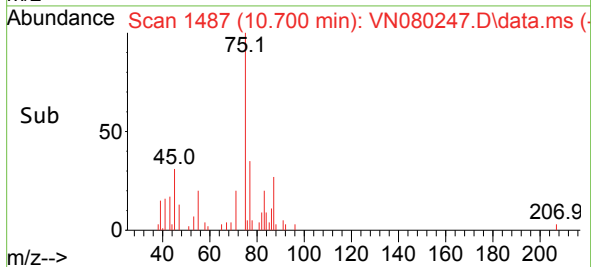
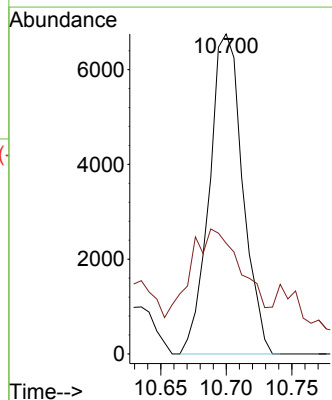
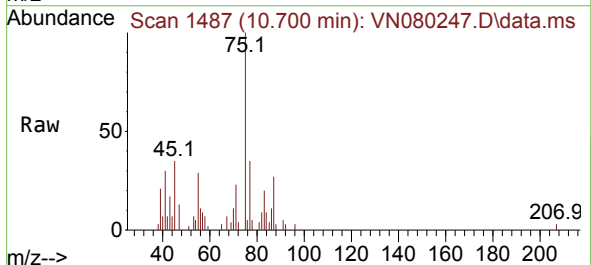
Instrument :
MSVOA_N
ClientSampleId :

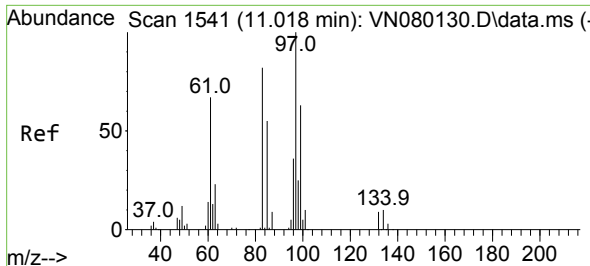
Tgt Ion: 92 Resp: 124758
Ion Ratio Lower Upper
92 100
91 175.1 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 3.340 ug/l
RT: 10.700 min Scan# 1487
Delta R.T. -0.136 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

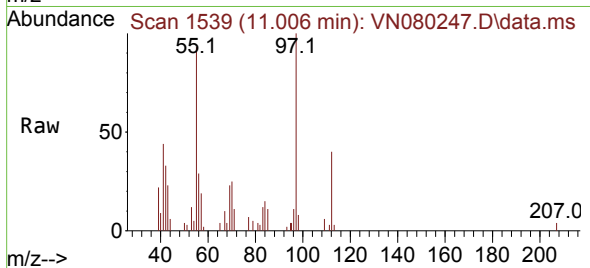
Tgt Ion: 75 Resp: 11945
Ion Ratio Lower Upper
75 100
77 15.8 25.4 38.0#



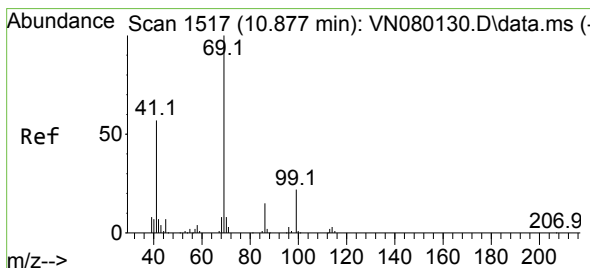
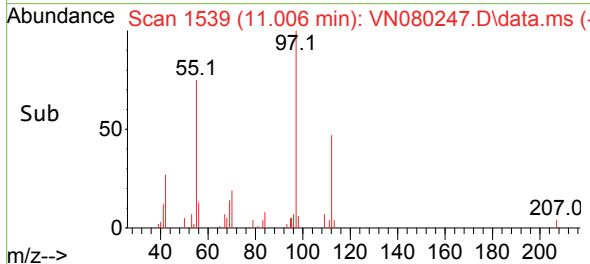
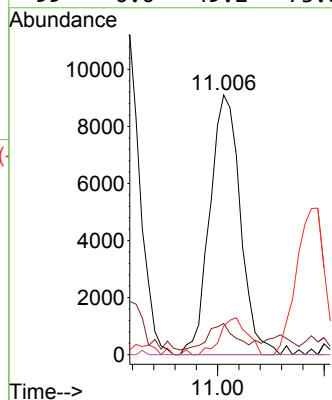


#55
1,1,2-Trichloroethane
Concen: 8.446 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :

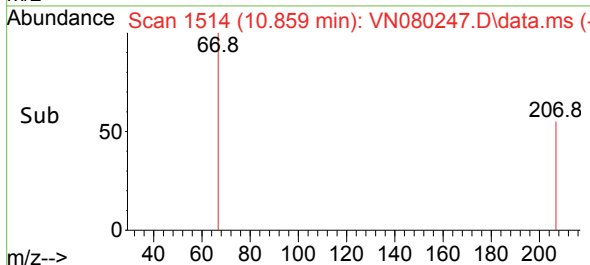
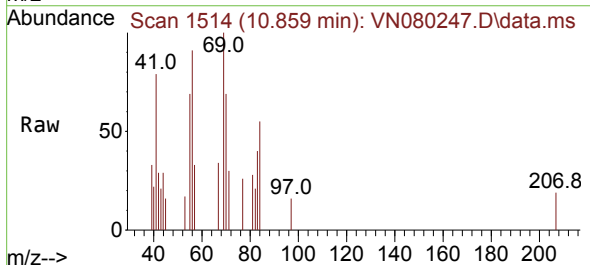
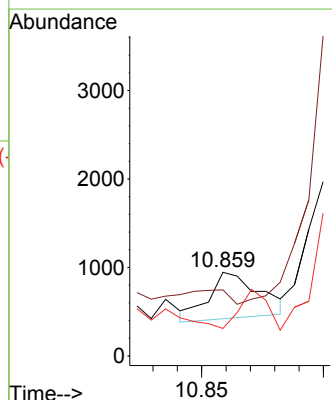


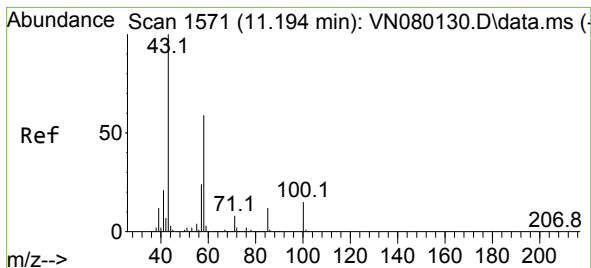
Tgt Ion:	97	Resp:	18147
Ion	Ratio	Lower	Upper
97	100		
83	10.2	65.1	97.7#
85	11.0	43.4	65.2#
99	0.0	49.2	73.8#



#56
Ethyl methacrylate
Concen: 0.343 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.018 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

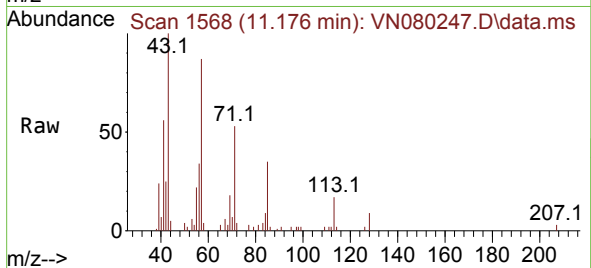
Tgt Ion:	69	Resp:	752
Ion	Ratio	Lower	Upper
69	100		
41	0.0	39.6	59.4#
39	0.0	28.6	43.0#



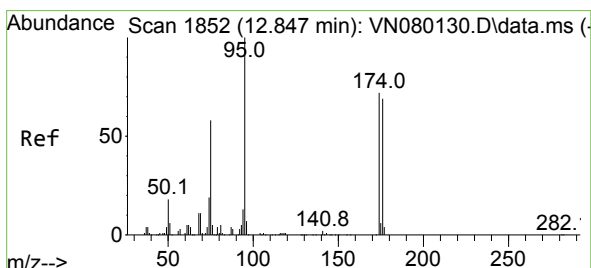
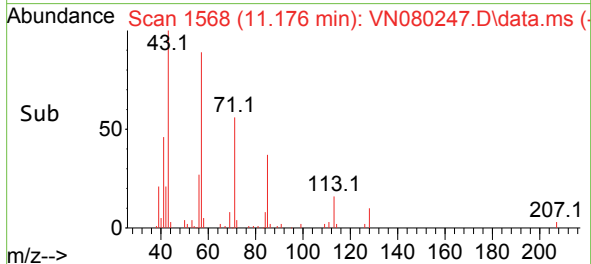
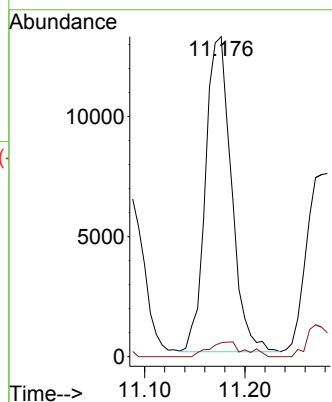


#59
2-Hexanone
Concen: 13.287 ug/l
RT: 11.176 min Scan# 11176
Delta R.T. -0.018 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :

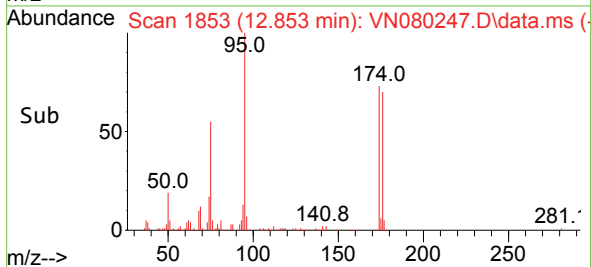
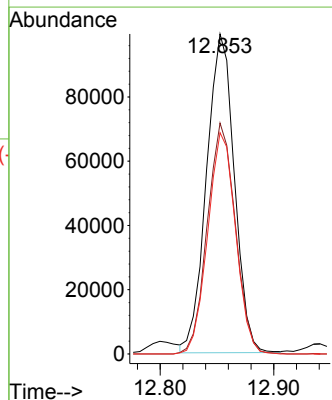
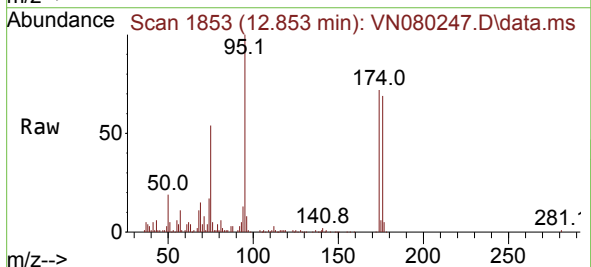


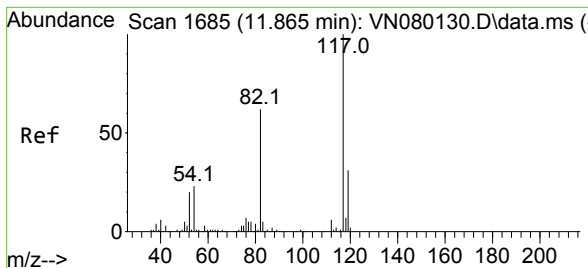
Tgt Ion: 43 Resp: 23615
Ion Ratio Lower Upper
43 100
58 6.3 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 56.845 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Tgt Ion: 95 Resp: 169206
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 69.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

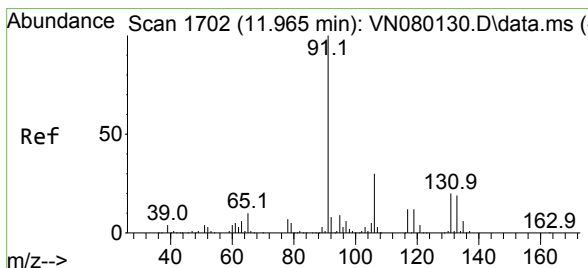
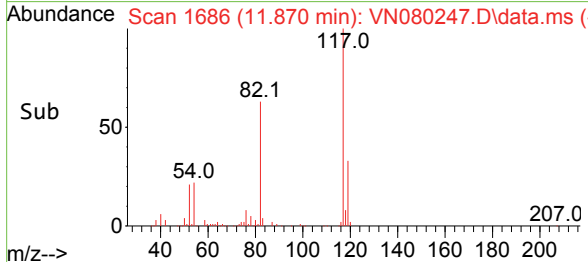
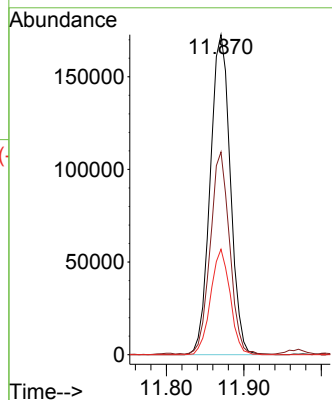
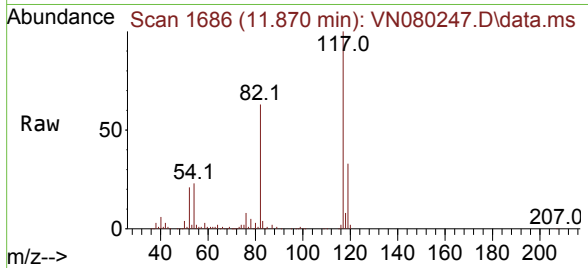
Tgt Ion:117 Resp: 311017

Ion Ratio Lower Upper

117 100

82 63.0 44.0 66.0

119 32.9 25.6 38.4



#67

Ethyl Benzene

Concen: 9.252 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080247.D

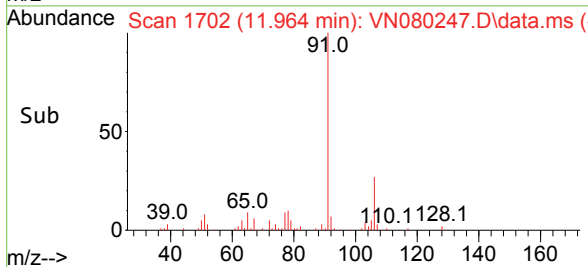
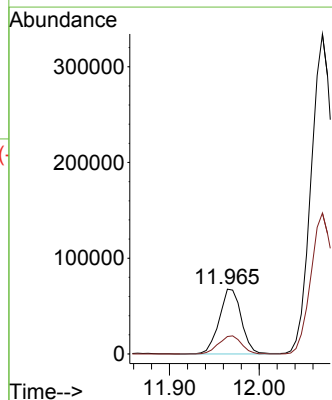
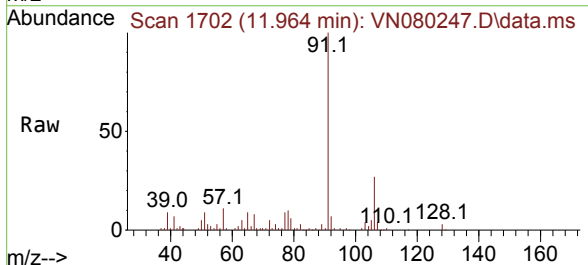
Acq: 22 Nov 2023 15:07

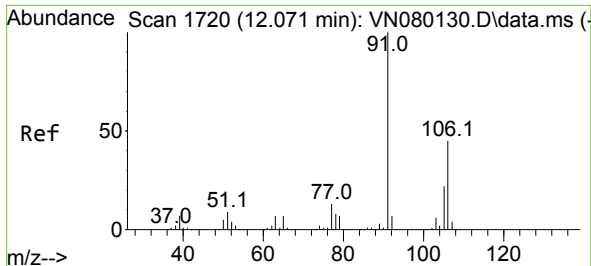
Tgt Ion: 91 Resp: 116025

Ion Ratio Lower Upper

91 100

106 27.0 25.6 38.4

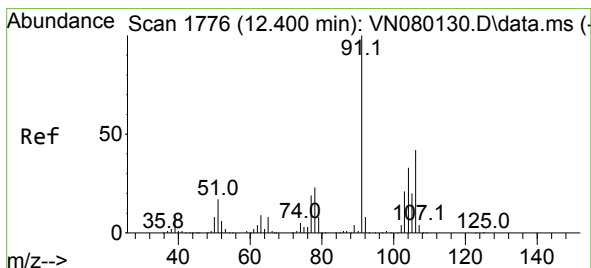
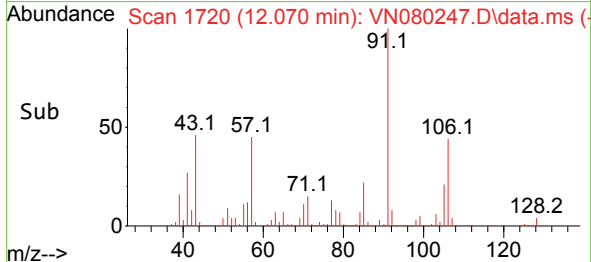
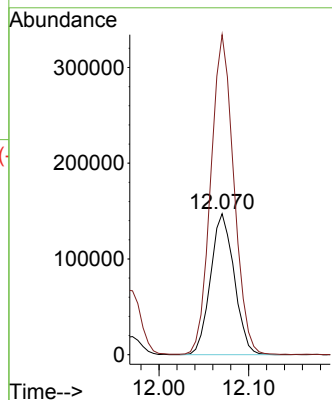
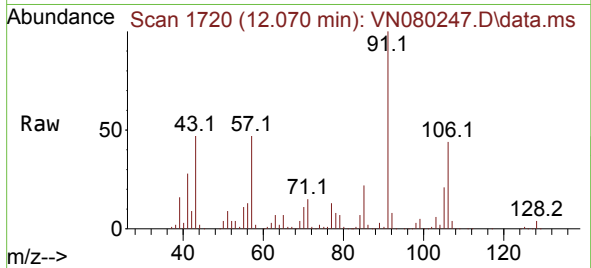




#68
m/p-Xylenes
Concen: 58.972 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

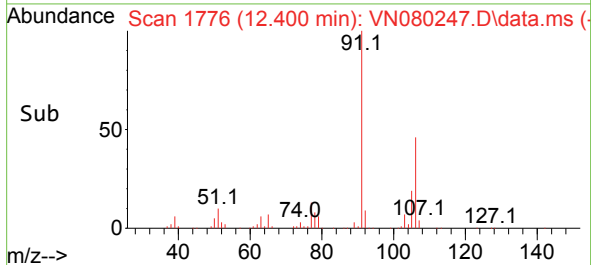
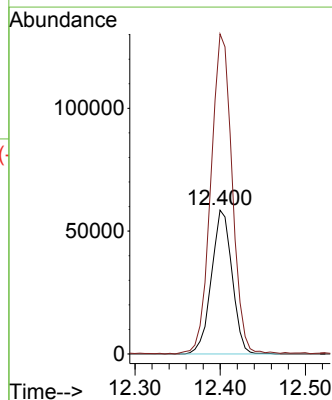
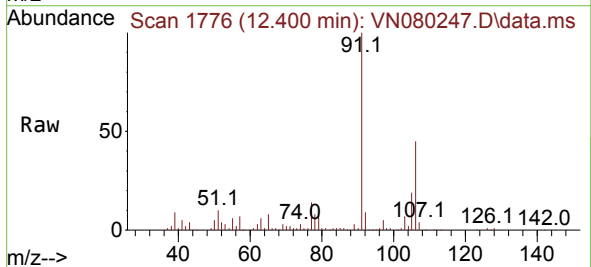
Instrument :
MSVOA_N
ClientSampleId :

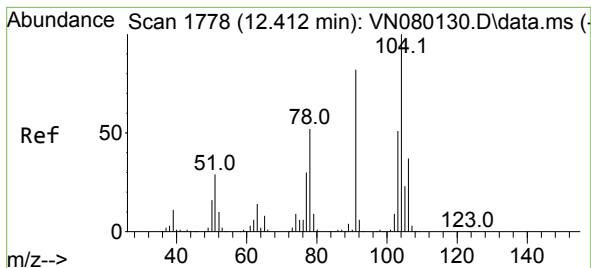
Tgt Ion:106 Resp: 269642
Ion Ratio Lower Upper
106 100
91 221.6 159.6 239.4



#69
o-Xylene
Concen: 22.856 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Tgt Ion:106 Resp: 98489
Ion Ratio Lower Upper
106 100
91 229.8 105.2 315.5





#70

Styrene

Concen: 0.902 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080247.D

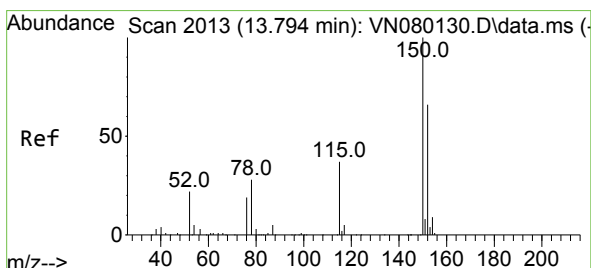
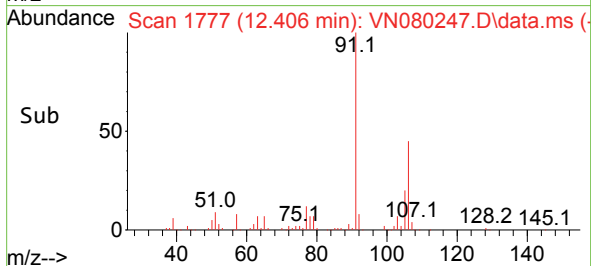
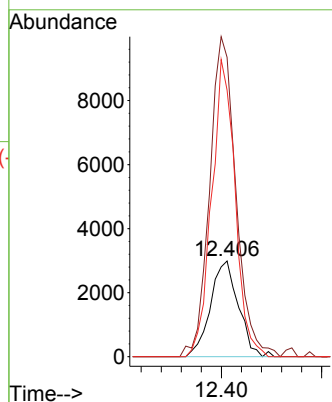
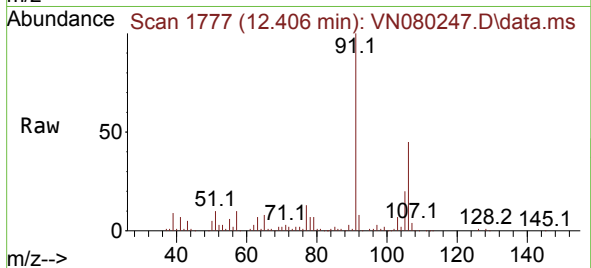
Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	5787
Ion Ratio	Lower	Upper
104	100	
78	314.9	39.5 59.3#
103	260.8	43.2 64.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

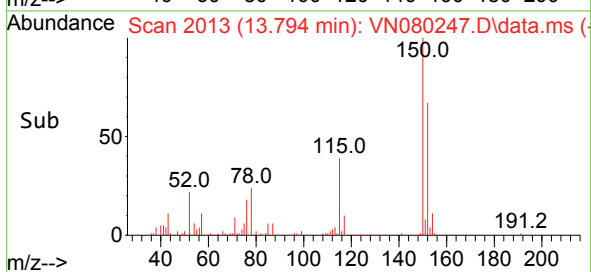
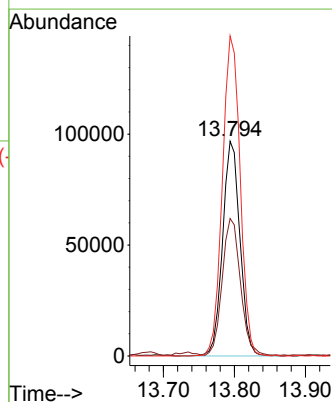
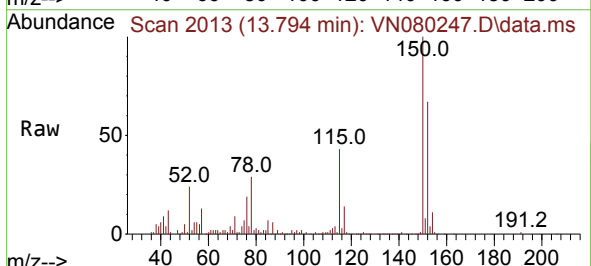
RT: 13.794 min Scan# 2013

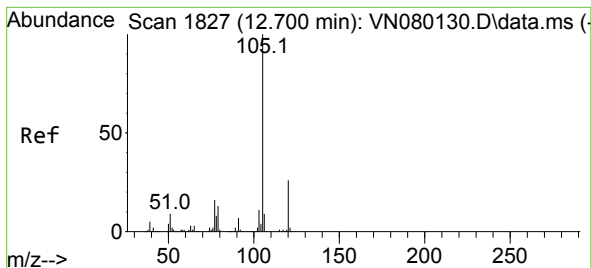
Delta R.T. -0.000 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Tgt Ion:152	Resp:	164003
Ion Ratio	Lower	Upper
152	100	
115	67.0	32.3 96.8
150	152.2	0.0 355.8





#73

Isopropylbenzene

Concen: 2.095 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

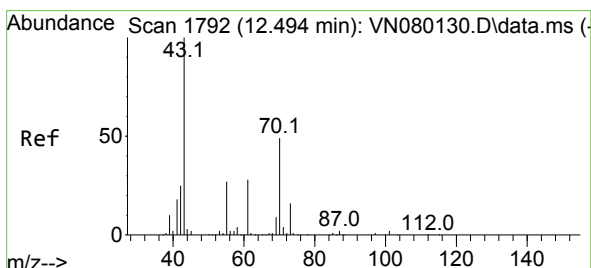
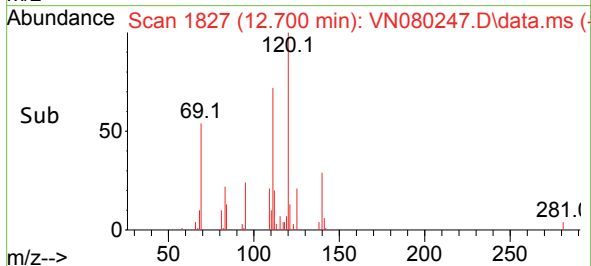
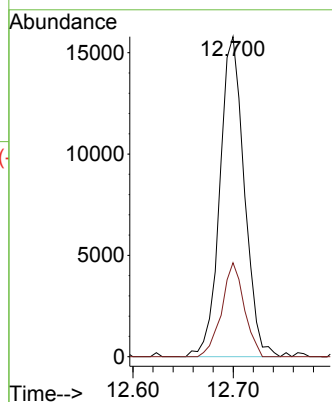
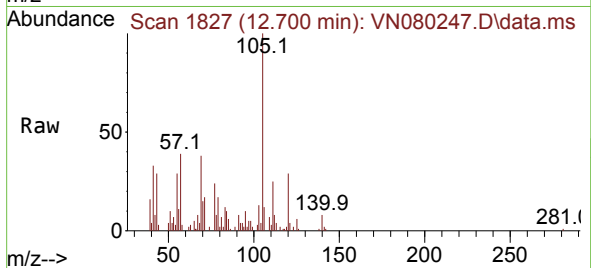
ClientSampleId :

Tgt Ion:105 Resp: 26695

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.1



#74

N-ethyl acetate

Concen: 6.333 ug/l

RT: 12.482 min Scan# 1790

Delta R.T. -0.012 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Tgt Ion: 43 Resp: 25170

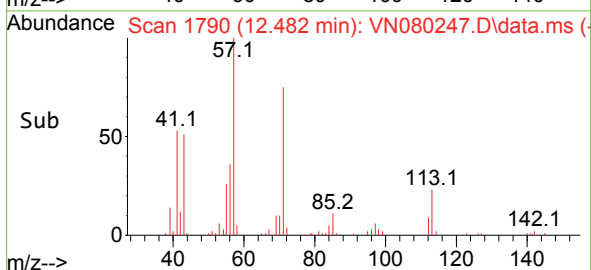
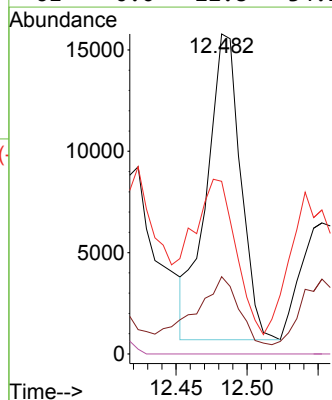
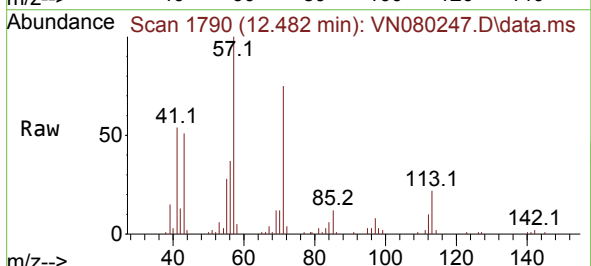
Ion Ratio Lower Upper

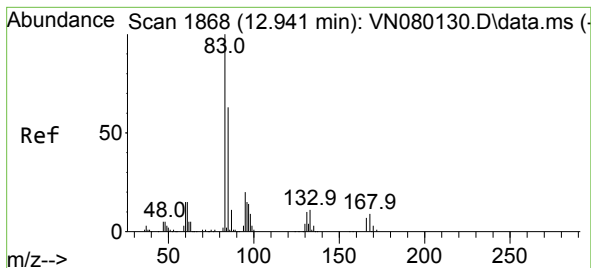
43 100

70 28.2 43.4 65.2#

55 66.8 21.4 32.0#

61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.326 ug/l

RT: 12.923 min Scan# 1865

Delta R.T. -0.018 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

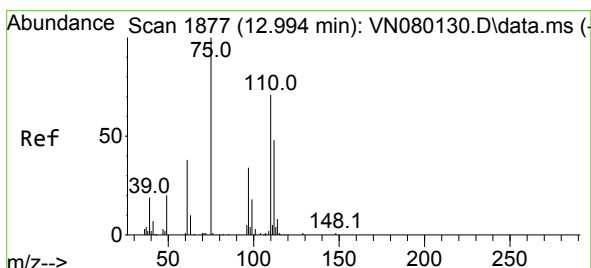
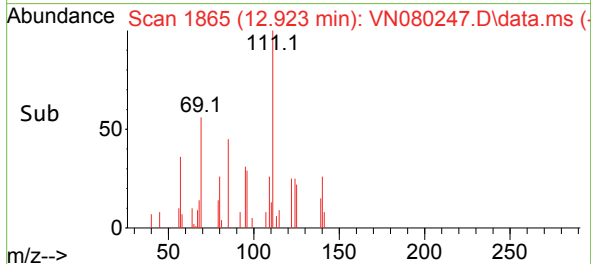
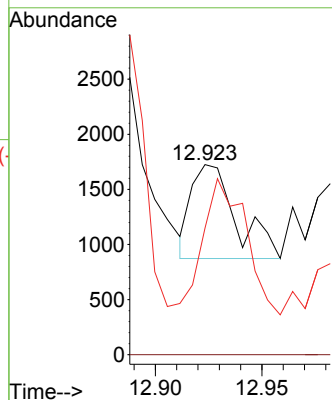
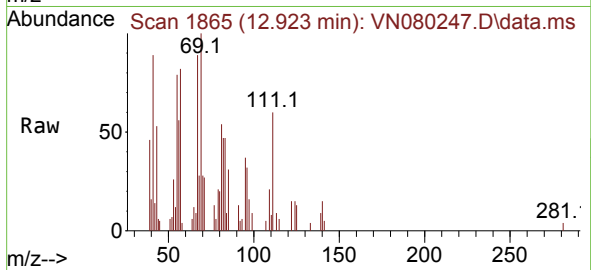
Tgt Ion: 83 Resp: 1244

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 23.064 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080247.D

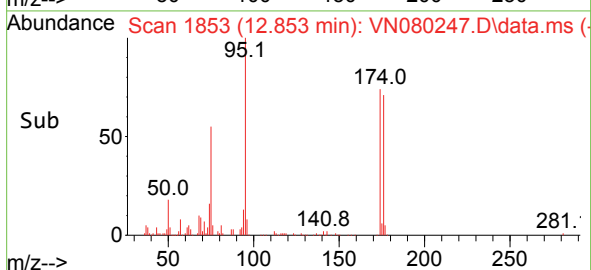
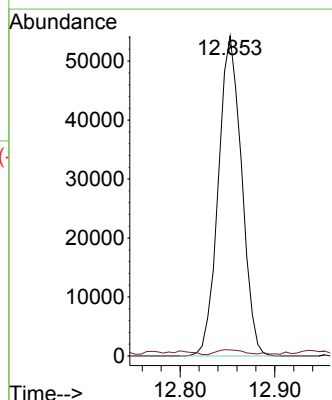
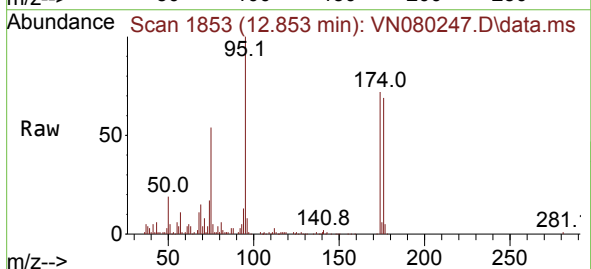
Acq: 22 Nov 2023 15:07

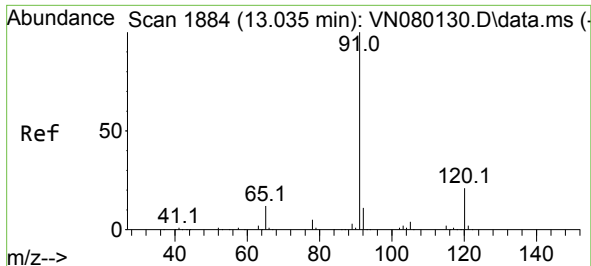
Tgt Ion: 75 Resp: 92679

Ion Ratio Lower Upper

75 100

77 1.7 84.5 253.5#

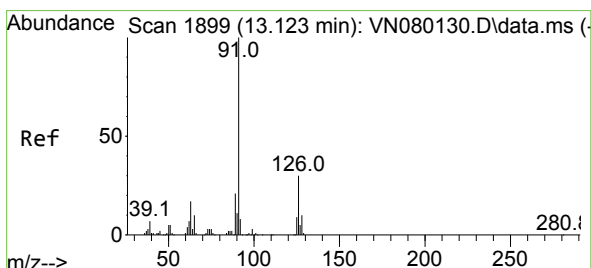
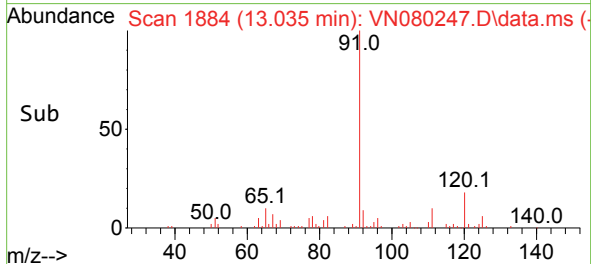
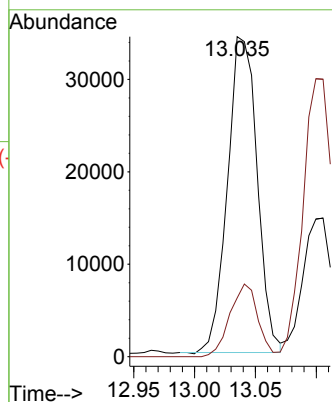
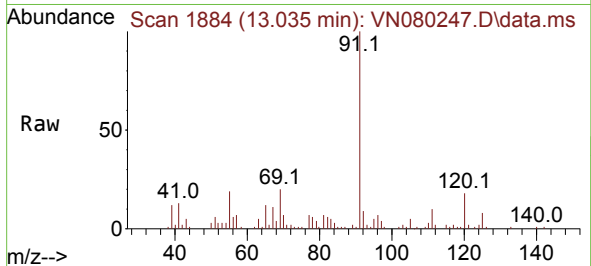




#78
n-propylbenzene
Concen: 4.066 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

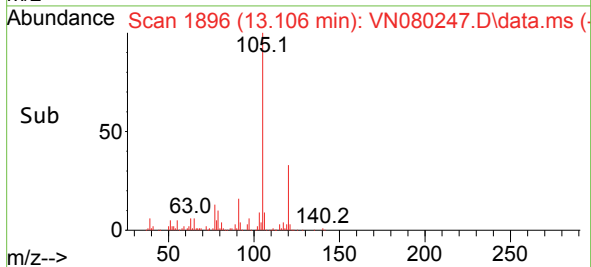
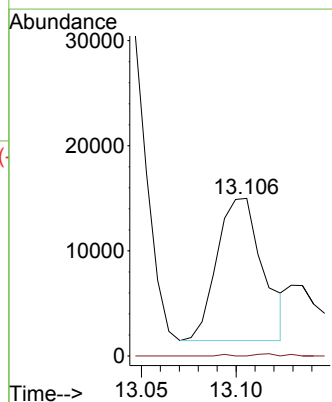
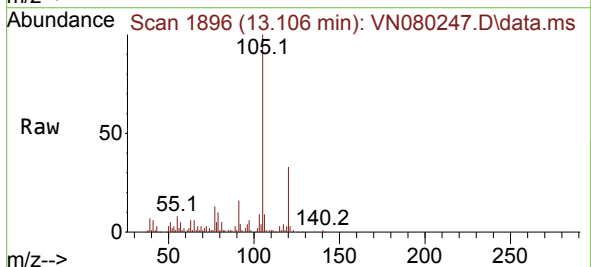
Instrument :
MSVOA_N
ClientSampleId :

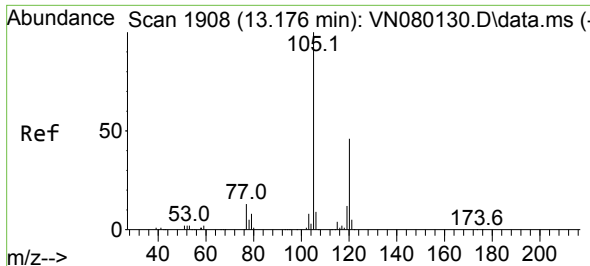
Tgt Ion: 91 Resp: 57946
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4



#79
2-Chlorotoluene
Concen: 2.470 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.018 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Tgt Ion: 91 Resp: 22858
Ion Ratio Lower Upper
91 100
126 0.8 16.3 48.8#

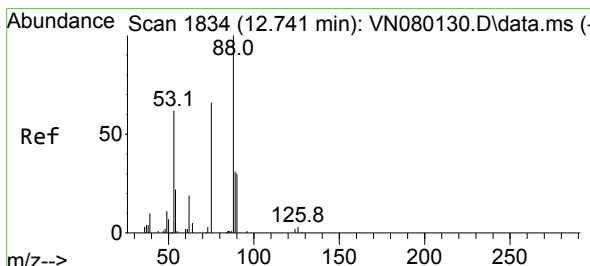
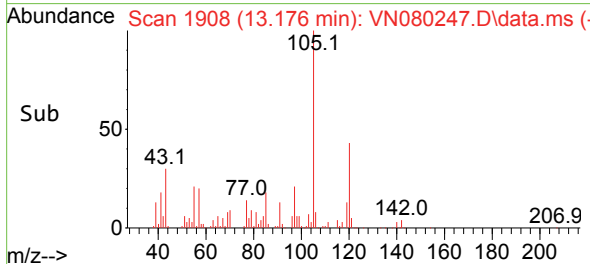
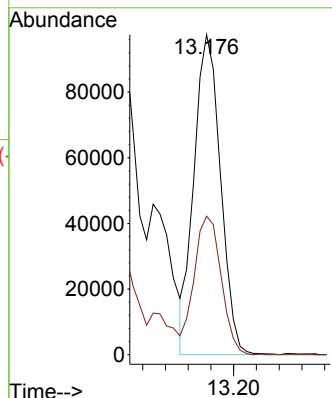
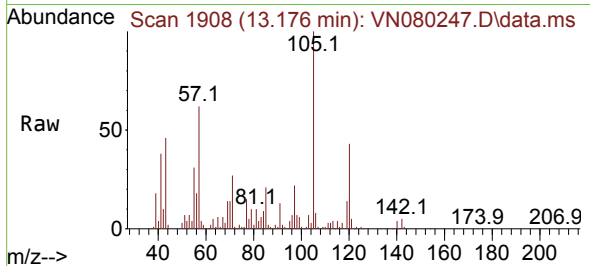




#80
 1,3,5-Trimethylbenzene
 Concen: 14.238 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN080247.D
 Acq: 22 Nov 2023 15:07

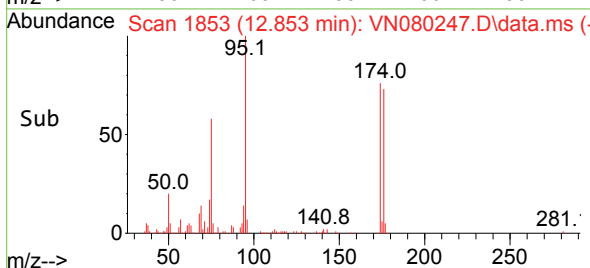
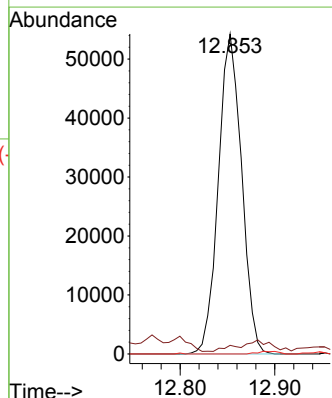
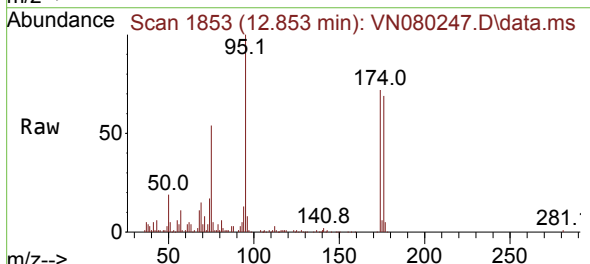
Instrument :
 MSVOA_N
 ClientSampleId :

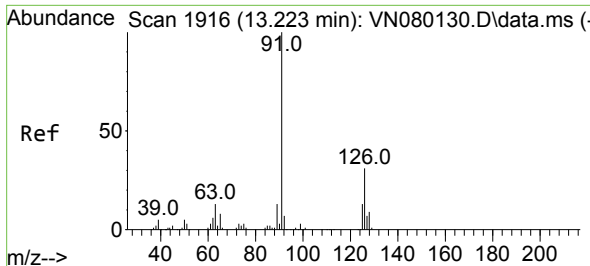
Tgt Ion:105 Resp: 157959
 Ion Ratio Lower Upper
 105 100
 120 44.3 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.923 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN080247.D
 Acq: 22 Nov 2023 15:07

Tgt Ion: 75 Resp: 92679
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

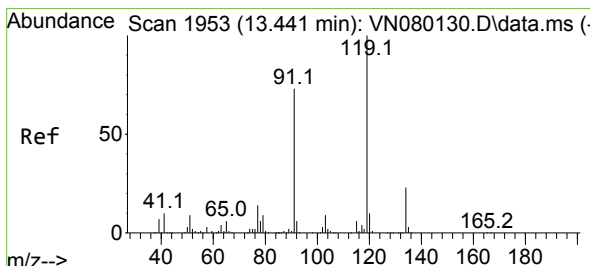
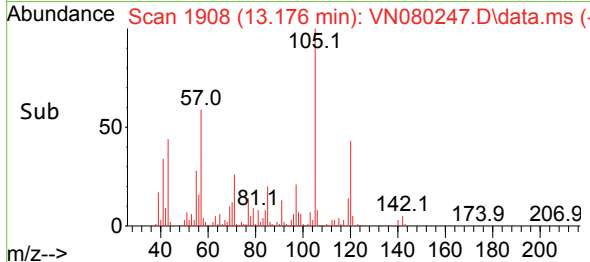
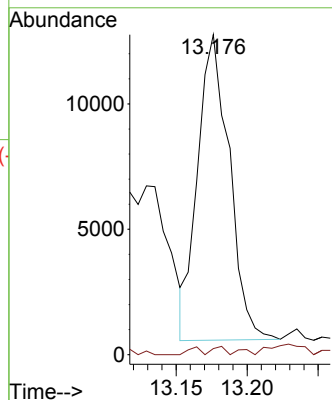
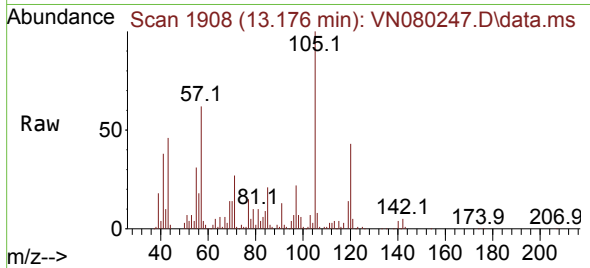




#82
4-Chlorotoluene
Concen: 1.987 ug/l
RT: 13.176 min Scan# 1916
Delta R.T. -0.047 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

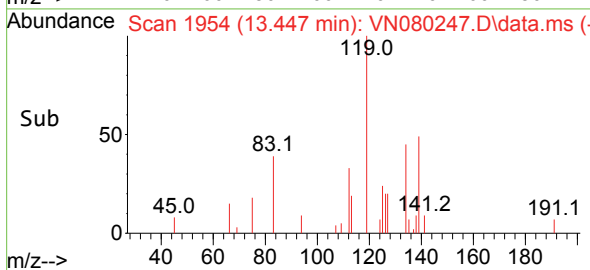
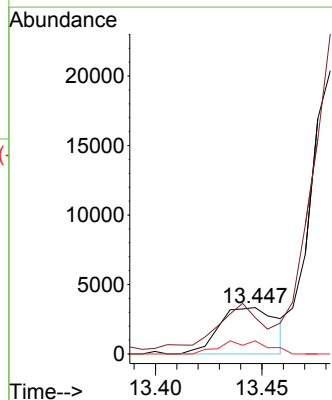
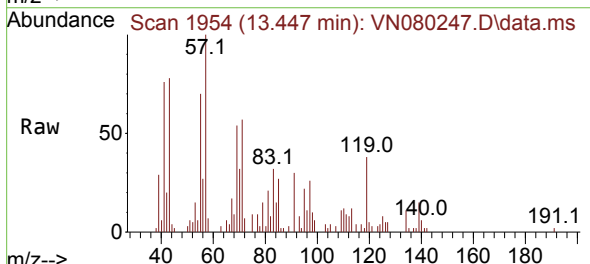
Instrument :
MSVOA_N
ClientSampleId :

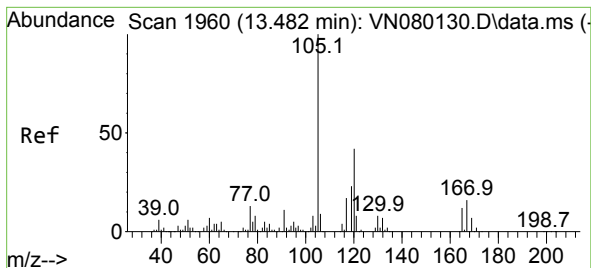
Tgt Ion: 91 Resp: 18837
Ion Ratio Lower Upper
91 100
126 1.1 16.7 50.0#



#83
tert-Butylbenzene
Concen: 0.704 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Tgt Ion: 119 Resp: 6259
Ion Ratio Lower Upper
119 100
91 74.0 33.9 101.7
134 23.3 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 29.538 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

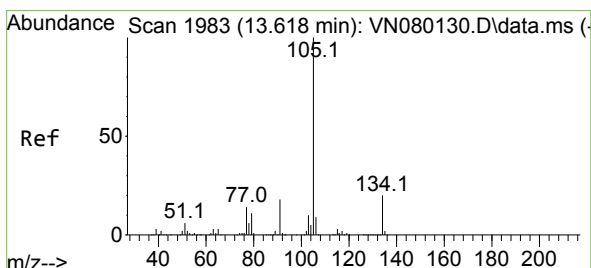
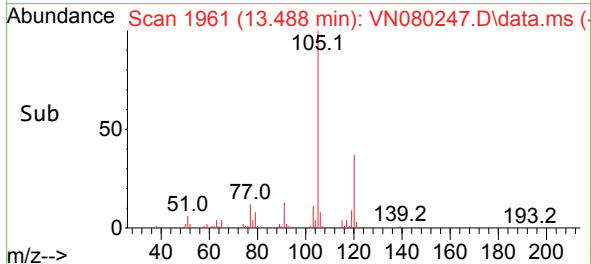
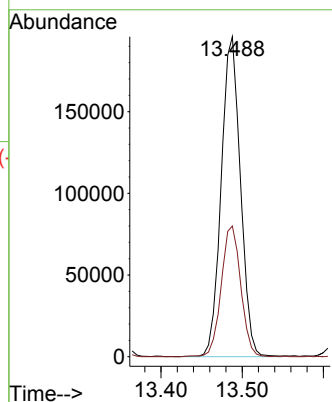
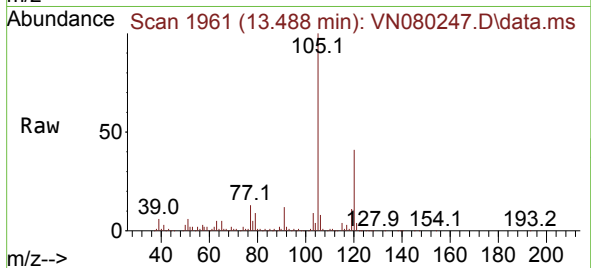
ClientSampleId :

Tgt Ion:105 Resp: 322668

Ion Ratio Lower Upper

105 100

120 41.5 22.0 66.0



#85

sec-Butylbenzene

Concen: 1.612 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080247.D

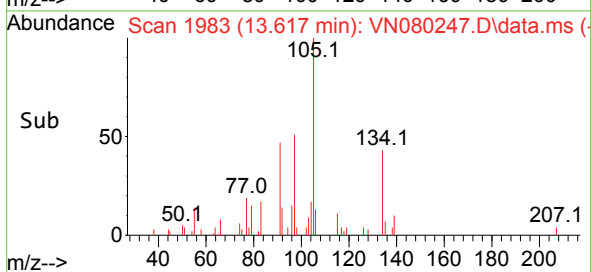
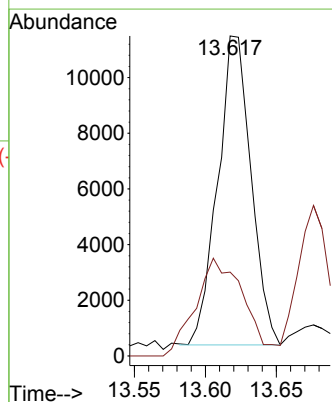
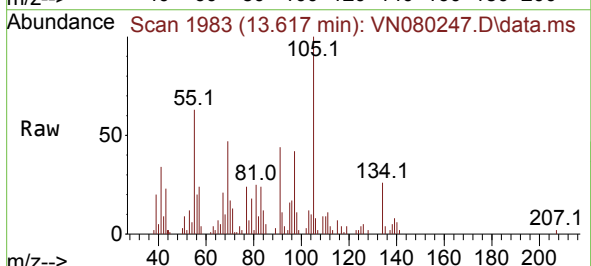
Acq: 22 Nov 2023 15:07

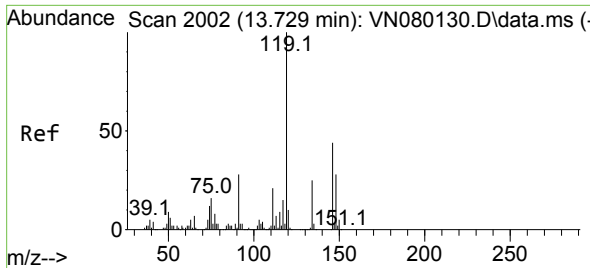
Tgt Ion:105 Resp: 18145

Ion Ratio Lower Upper

105 100

134 45.7 9.8 29.3#

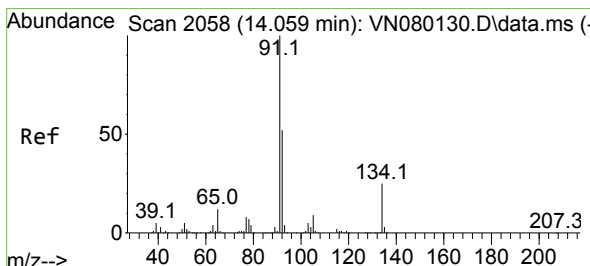
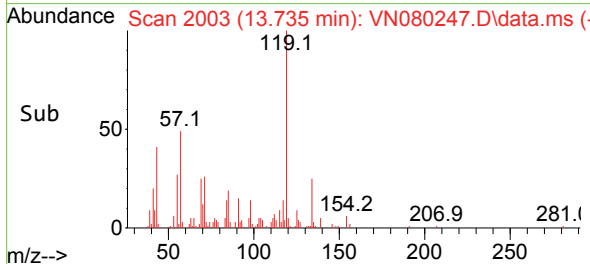
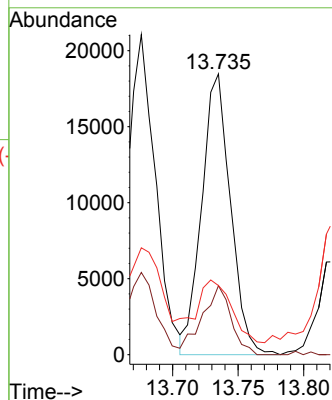
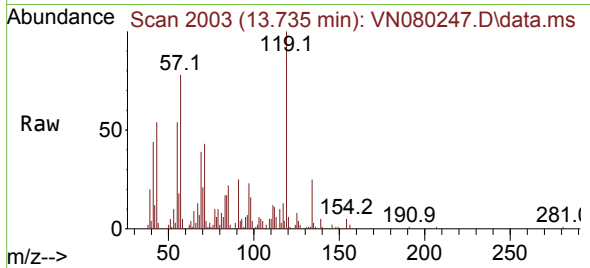




#86
p-Isopropyltoluene
Concen: 2.808 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

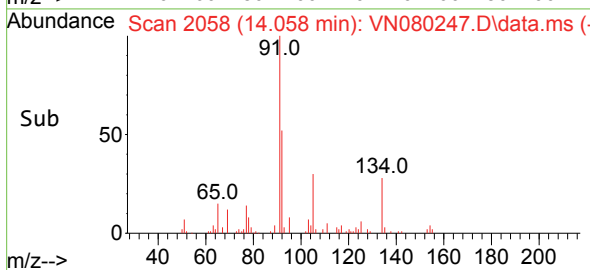
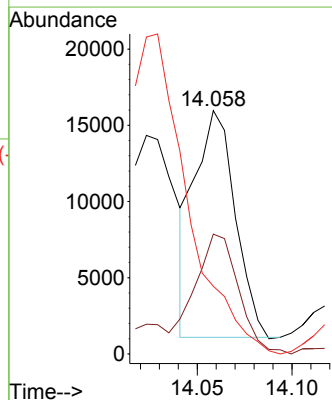
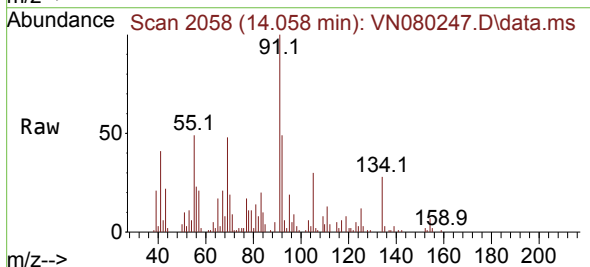
Instrument :
MSVOA_N
ClientSampleId :

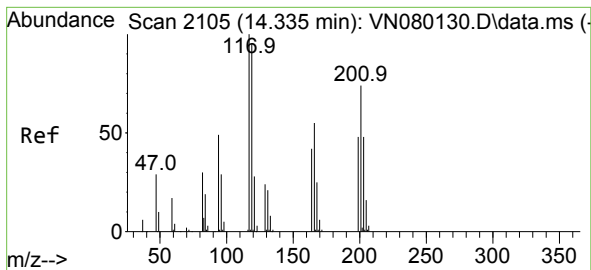
Tgt Ion:119 Resp: 28232
Ion Ratio Lower Upper
119 100
134 24.7 12.6 37.8
91 26.5 12.4 37.2



#89
n-Butylbenzene
Concen: 2.633 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080247.D
Acq: 22 Nov 2023 15:07

Tgt Ion: 91 Resp: 22158
Ion Ratio Lower Upper
91 100
92 57.5 26.4 79.0
134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 6.825 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

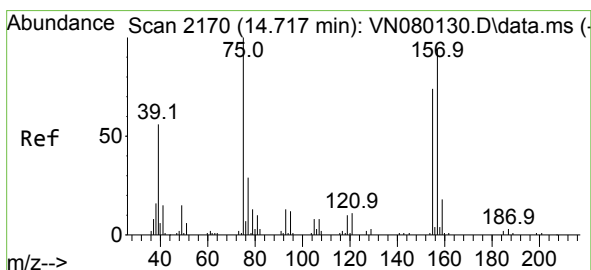
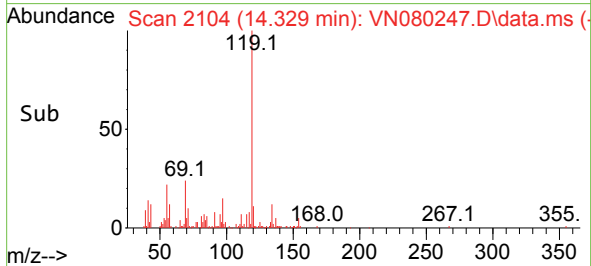
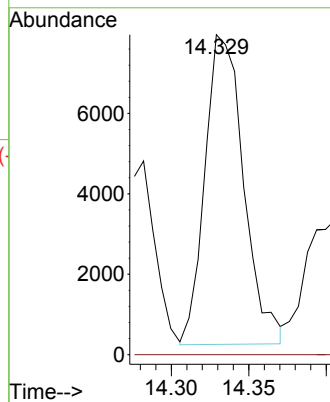
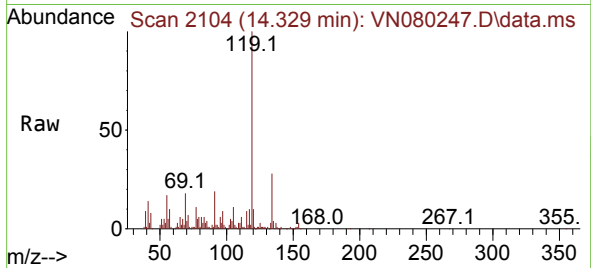
ClientSampleId :

Tgt Ion:117 Resp: 13377

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.428 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.024 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

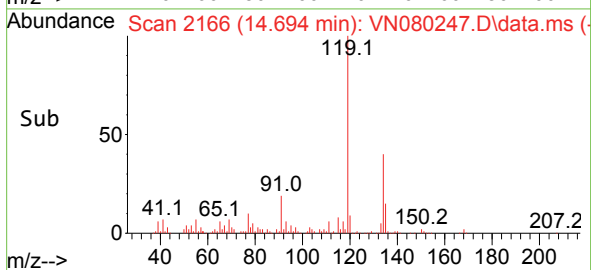
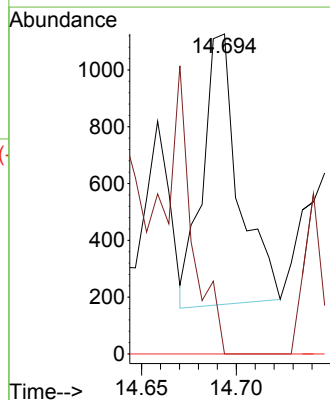
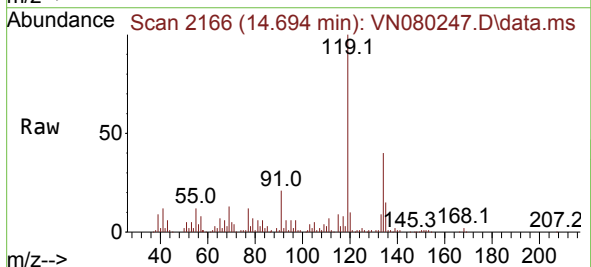
Tgt Ion: 75 Resp: 1265

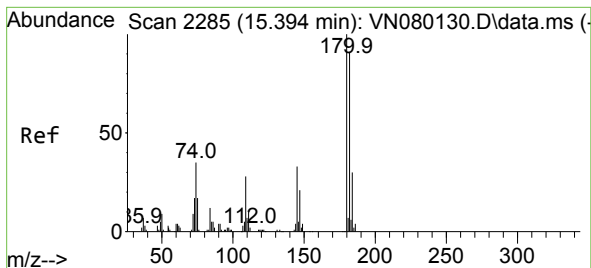
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.426 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

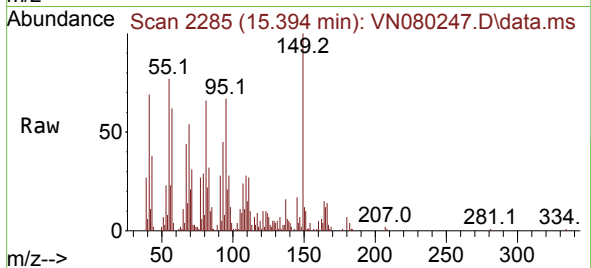
Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :



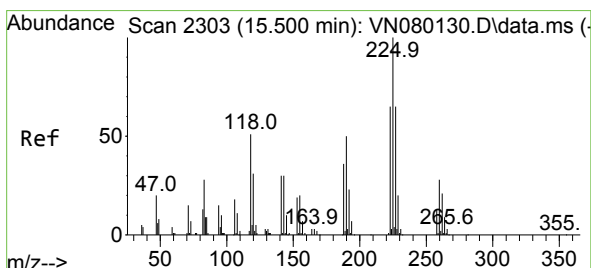
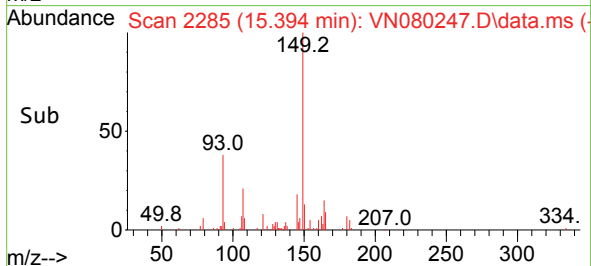
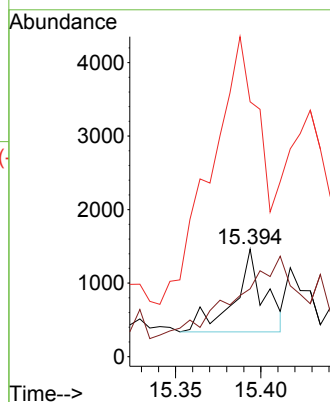
Tgt Ion:180 Resp: 1373

Ion Ratio Lower Upper

180 100

182 0.0 46.1 138.2#

145 706.7 16.6 49.8#



#94

Hexachlorobutadiene

Concen: 0.466 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.005 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

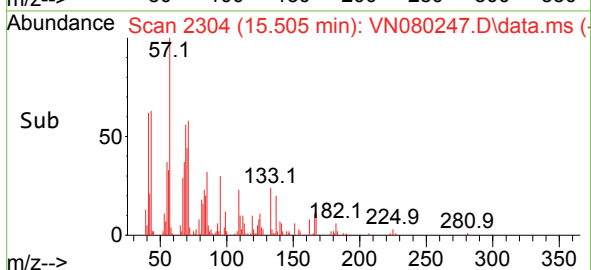
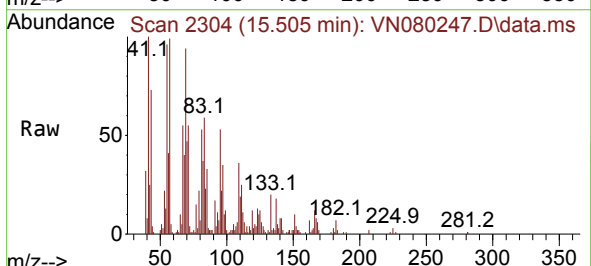
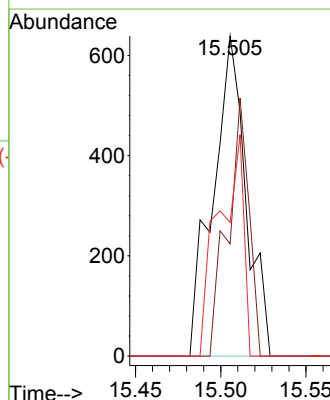
Tgt Ion:225 Resp: 864

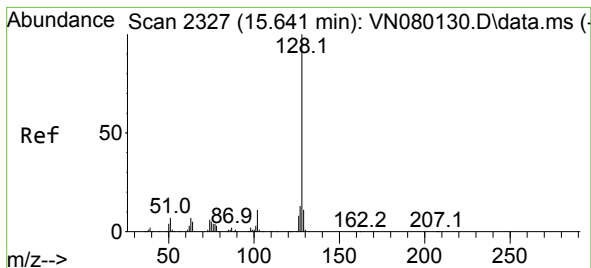
Ion Ratio Lower Upper

225 100

223 51.6 31.3 93.8

227 51.9 31.9 95.9





#95

Naphthalene

Concen: 10.179 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080247.D

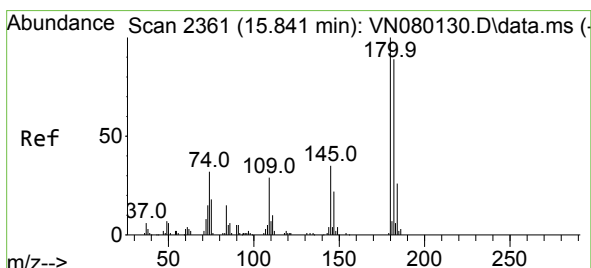
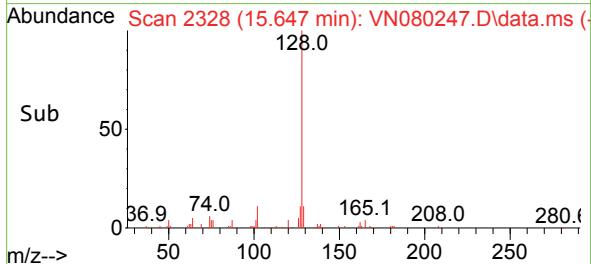
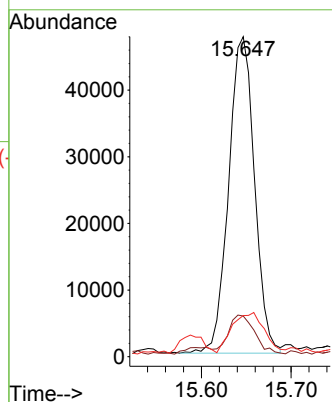
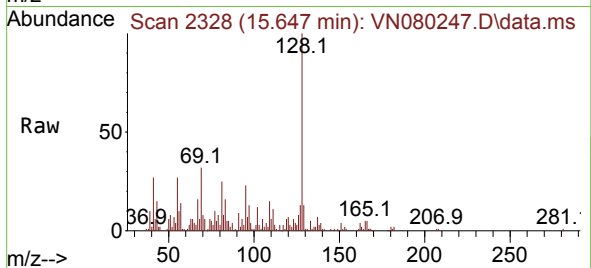
Acq: 22 Nov 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	95100
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.0 15.0
129	15.7	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.982 ug/l

RT: 15.805 min Scan# 2355

Delta R.T. -0.036 min

Lab File: VN080247.D

Acq: 22 Nov 2023 15:07

Tgt Ion:180	Resp:	5987
Ion Ratio	Lower	Upper
180	100	
182	0.0	46.2 138.6#
145	36.4	17.5 52.6

