

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080558.D
 Acq On : 20 Dec 2023 19:40
 Operator : JC\MD
 Sample : 05896-03
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:50:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	219007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	394457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	415564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203047	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154682	55.298	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.600%	
35) Dibromofluoromethane	8.165	113	133791	53.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.980%	
50) Toluene-d8	10.565	98	488922	52.417	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.853	95	205463	58.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.020%	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	4680	1.207	ug/l #	87
5) Bromomethane	2.942	94	764	0.709	ug/l #	54
10) Methyl Iodide	4.595	142	490	0.242	ug/l #	38
11) Tert butyl alcohol	5.489	59	1828	5.549	ug/l #	72
16) Acetone	4.430	43	209763	422.927	ug/l	99
18) Methyl Acetate	5.030	43	8560	2.682	ug/l	91
20) Methylene Chloride	5.271	84	2894	1.090	ug/l #	67
25) 2-Butanone	7.489	43	3118	3.263	ug/l #	60
29) Tetrahydrofuran	7.847	42	327	0.478	ug/l #	20
31) Cyclohexane	8.212	56	99205	26.080	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	18450	4.512	ug/l #	50
38) Carbon Tetrachloride	8.224	117	25481	5.215	ug/l #	15
39) Methylcyclohexane	9.600	83	17435	4.104	ug/l #	87
41) Methacrylonitrile	7.747	41	1249	0.846	ug/l #	34
43) Isopropyl Acetate	8.694	43	33085	7.186	ug/l #	49
48) Methyl methacrylate	9.647	41	2563	0.933	ug/l #	24
51) 4-Methyl-2-Pentanone	10.453	43	4048	1.596	ug/l	94
52) Toluene	10.630	92	2379638	318.994	ug/l	99
53) t-1,3-Dichloropropene	10.630	75	29062	6.293	ug/l #	1
55) 1,1,2-Trichloroethane	11.000	97	2309	0.860	ug/l #	23
59) 2-Hexanone	11.206	43	479	0.256	ug/l	63
67) Ethyl Benzene	11.965	91	6917	0.407	ug/l	98
68) m/p-Xylenes	12.071	106	10255	1.633	ug/l	98
69) o-Xylene	12.394	106	4408	0.717	ug/l	78
74) N-amyl acetate	12.465	43	5817	1.221	ug/l #	41
76) 1,2,3-Trichloropropane	12.853	75	107684	26.584	ug/l #	1
78) n-propylbenzene	13.035	91	5669	0.315	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	5010	0.357	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	107684	69.798	ug/l #	15
83) tert-Butylbenzene	13.676	119	2550	0.222	ug/l	76
84) 1,2,4-Trimethylbenzene	13.482	105	16772	1.200	ug/l	97
86) p-Isopropyltoluene	13.729	119	10559	0.795	ug/l #	73
87) 1,3-Dichlorobenzene	13.812	146	2411	0.341	ug/l #	1
88) 1,4-Dichlorobenzene	13.812	146	2411	0.338	ug/l #	1
89) n-Butylbenzene	14.059	91	5068	0.457	ug/l #	77
90) Hexachloroethane	14.329	117	1449	0.687	ug/l #	21

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

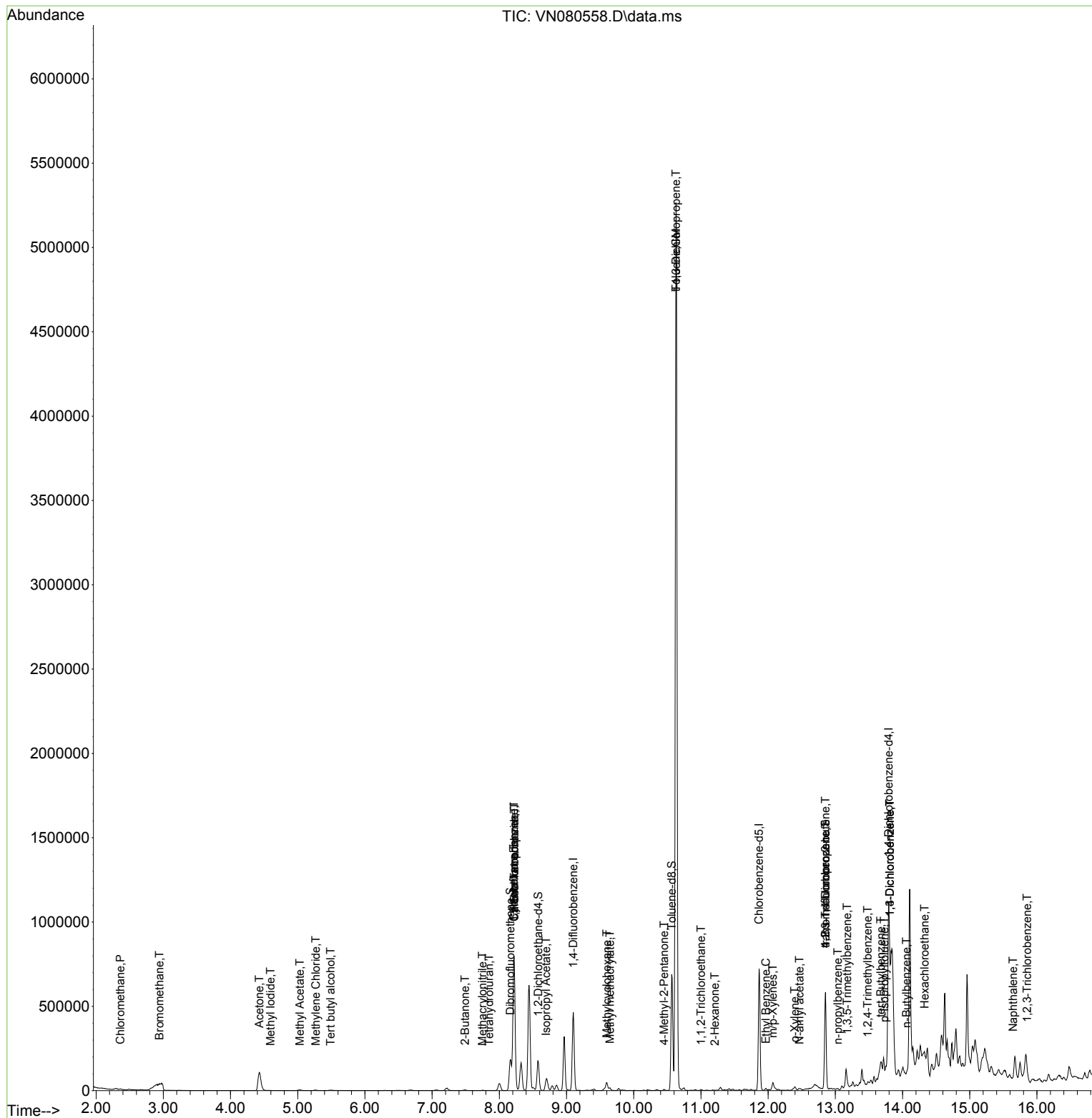
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.647	128	11881	1.050	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.853	180	952	0.265	ug/l #	18

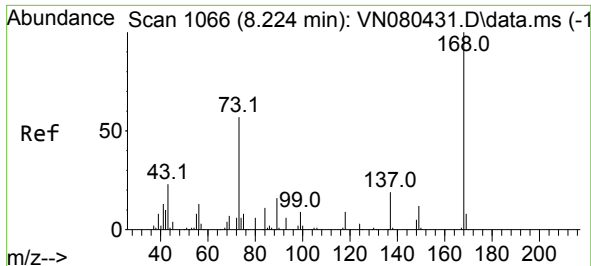
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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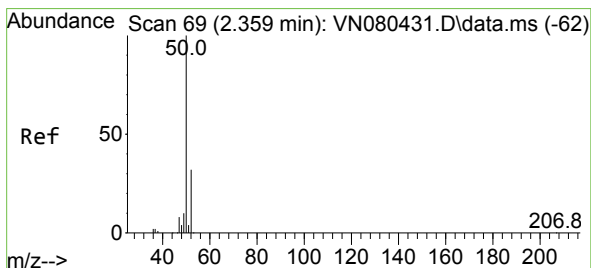
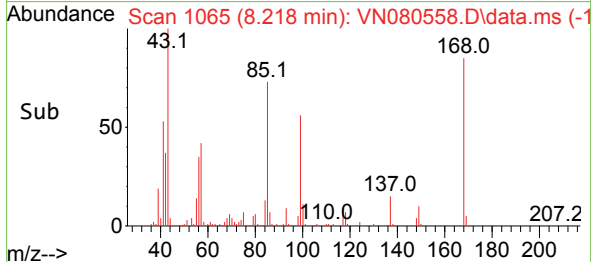
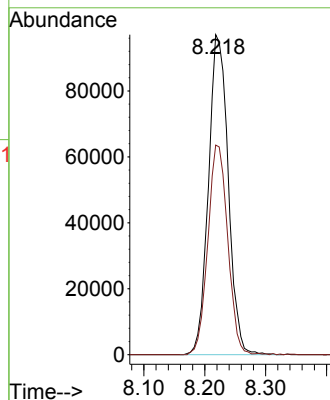
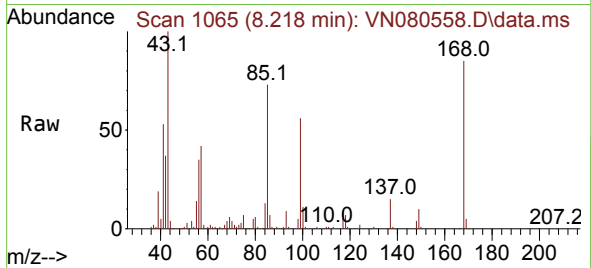




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

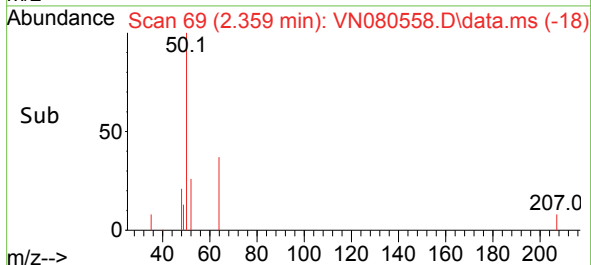
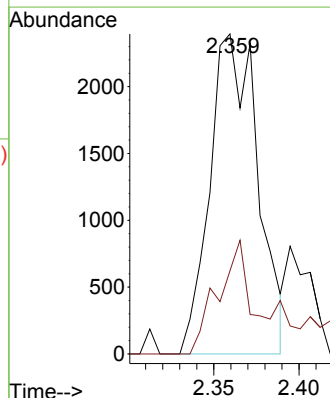
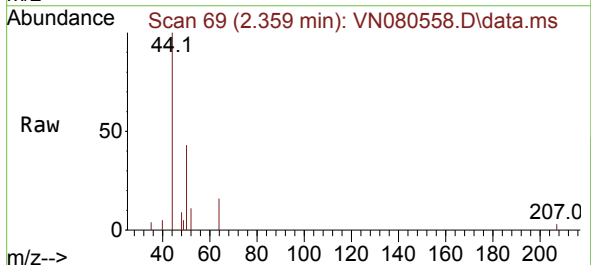
Instrument :
MSVOA_N
ClientSampleId :

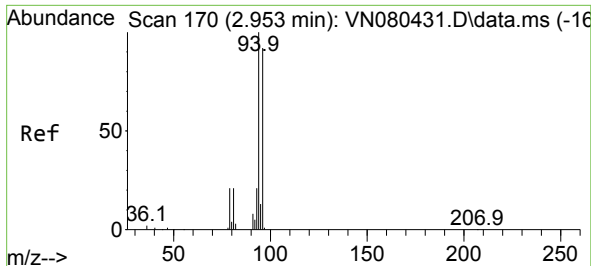
Tgt Ion:168 Resp: 219007
Ion Ratio Lower Upper
168 100
99 65.5 53.0 79.6



#3
Chloromethane
Concen: 1.207 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 50 Resp: 4680
Ion Ratio Lower Upper
50 100
52 26.0 26.5 39.7#

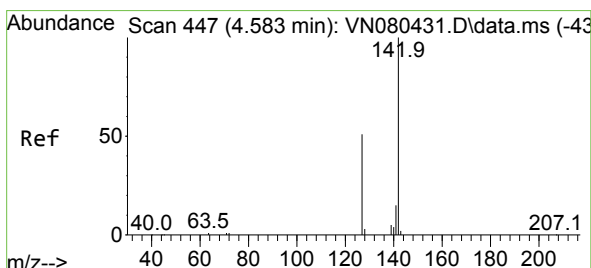
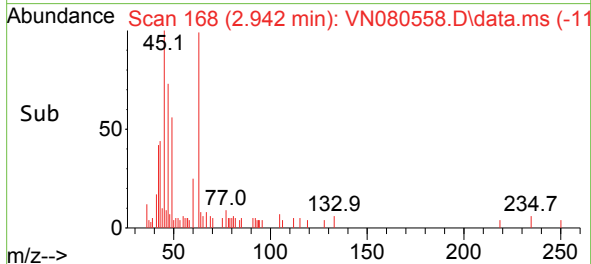
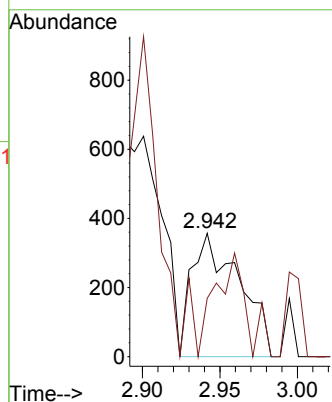
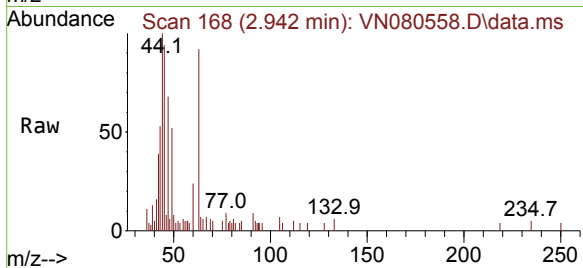




#5
Bromomethane
Concen: 0.709 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.011 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

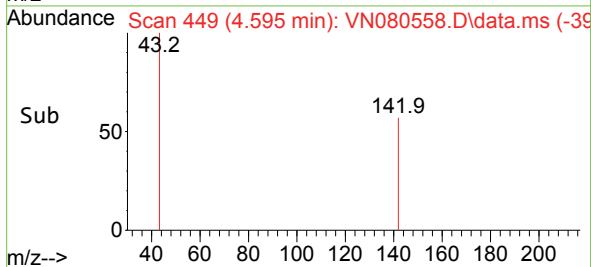
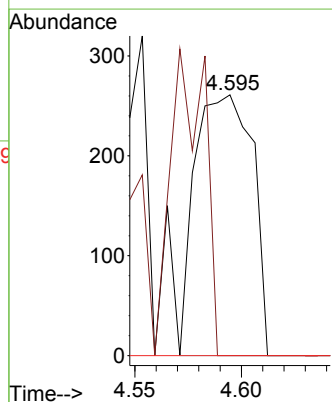
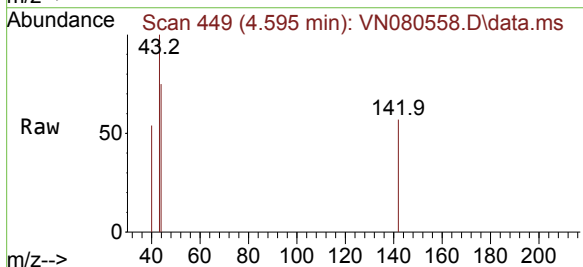
Instrument :
MSVOA_N
ClientSampleId :

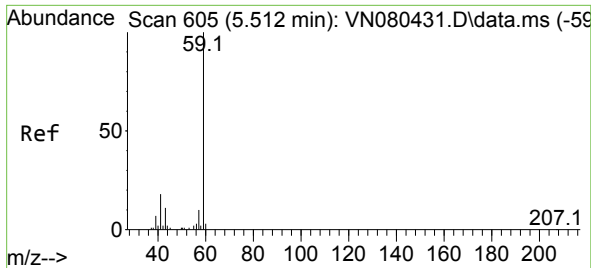
Tgt Ion: 94 Resp: 764
Ion Ratio Lower Upper
94 100
96 47.3 73.1 109.7#



#10
Methyl Iodide
Concen: 0.242 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Tgt Ion:142 Resp: 490
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 5.549 ug/l

RT: 5.489 min Scan# 605

Delta R.T. -0.023 min

Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_N

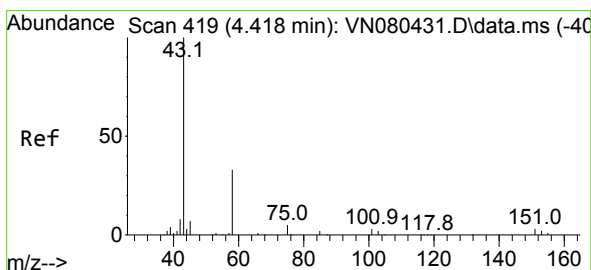
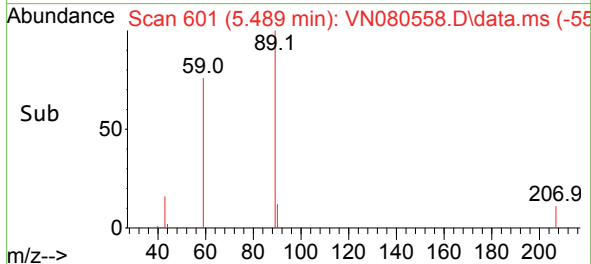
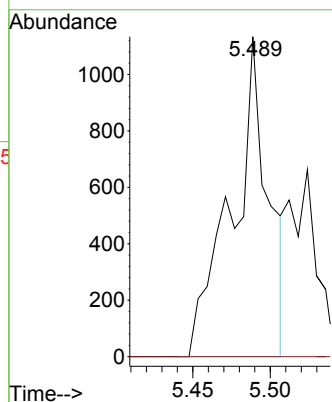
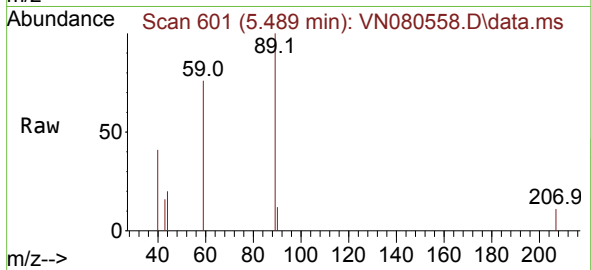
ClientSampleId :

Tgt Ion: 59 Resp: 1828

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 422.927 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.012 min

Lab File: VN080558.D

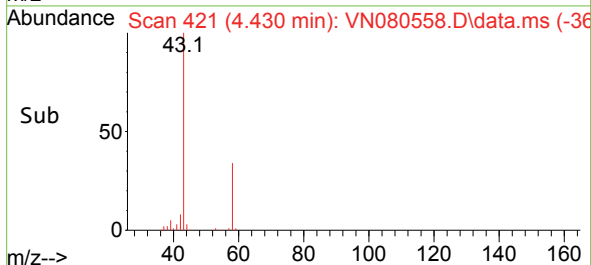
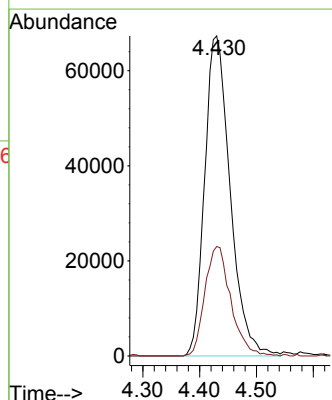
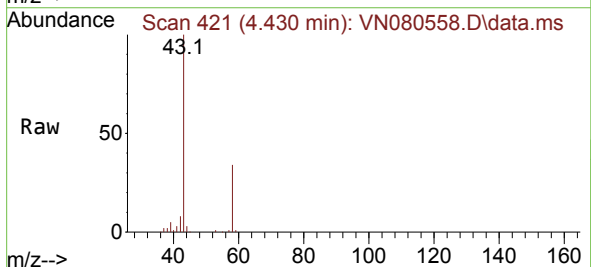
Acq: 20 Dec 2023 19:40

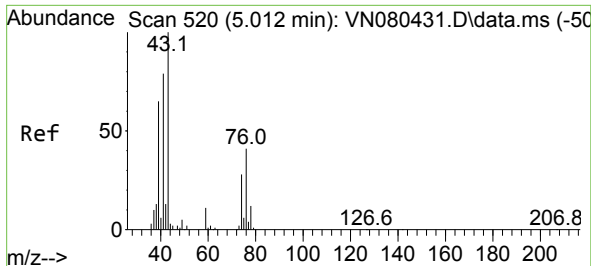
Tgt Ion: 43 Resp: 209763

Ion Ratio Lower Upper

43 100

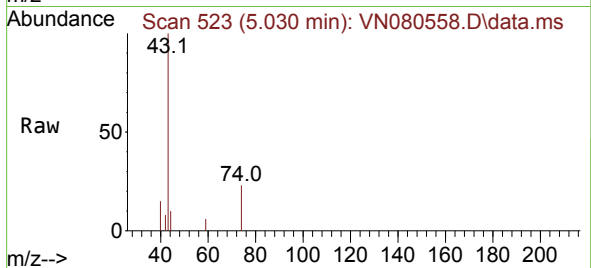
58 34.2 28.0 42.0



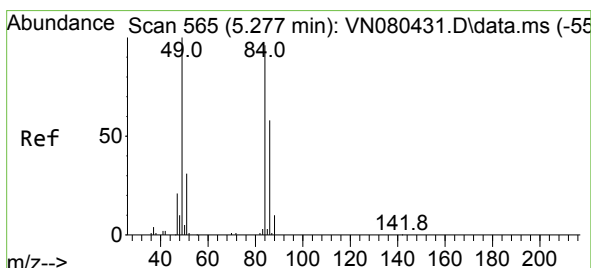
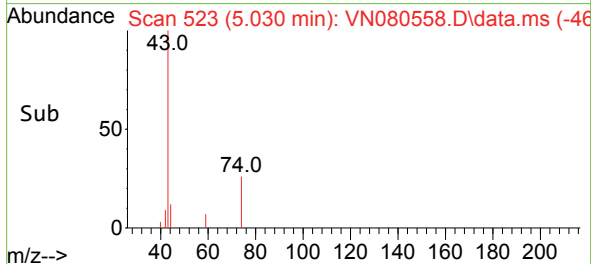
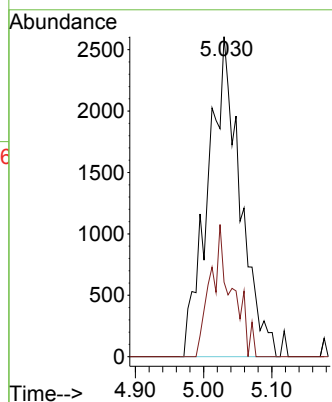


#18
Methyl Acetate
Concen: 2.682 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Instrument :
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ClientSampleId :

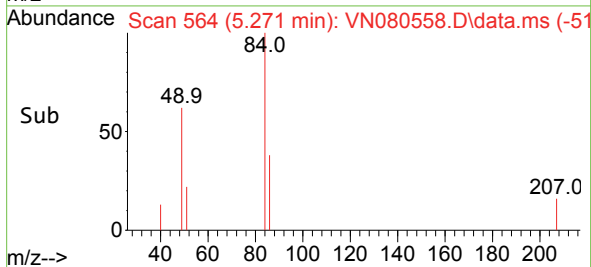
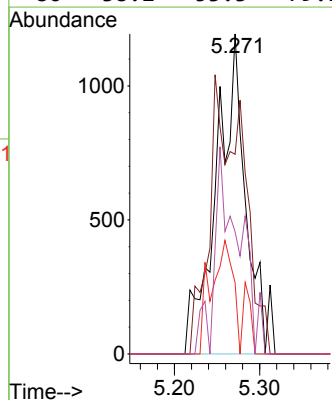
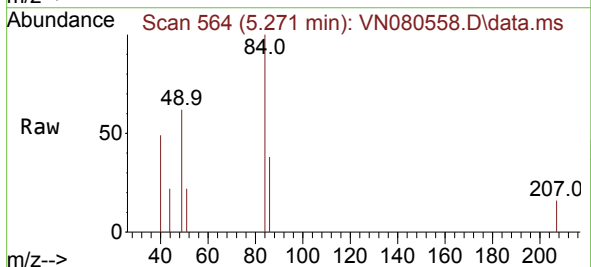


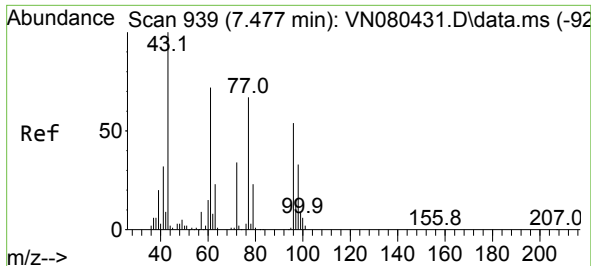
Tgt Ion: 43 Resp: 8560
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4



#20
Methylene Chloride
Concen: 1.090 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

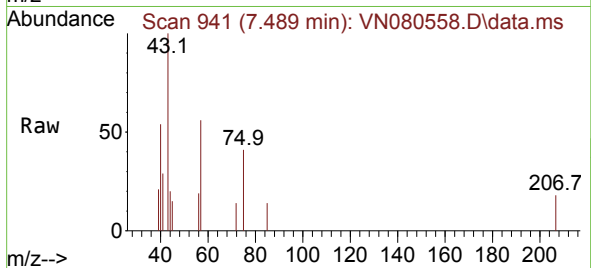
Tgt Ion: 84 Resp: 2894
Ion Ratio Lower Upper
84 100
49 62.4 79.7 119.5#
51 22.3 25.2 37.8#
86 38.2 53.3 79.9#



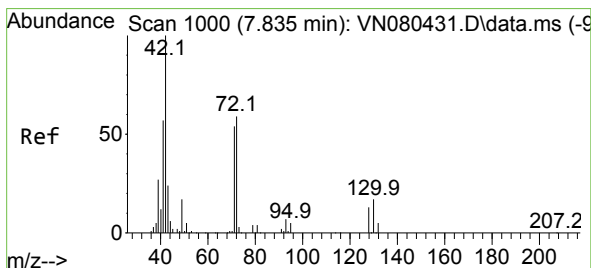
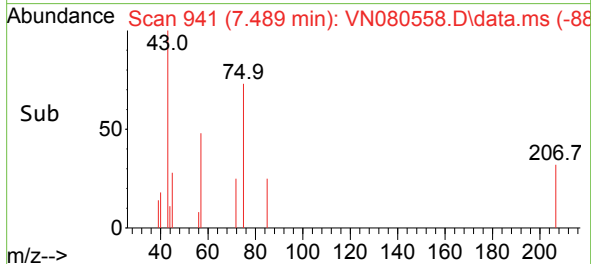
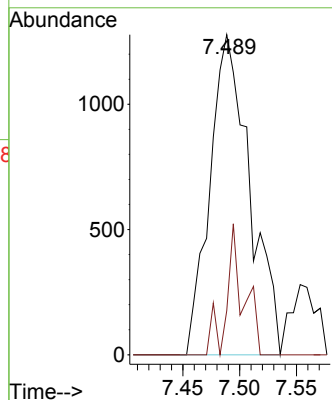


#25
2-Butanone
Concen: 3.263 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Instrument :
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ClientSampleId :

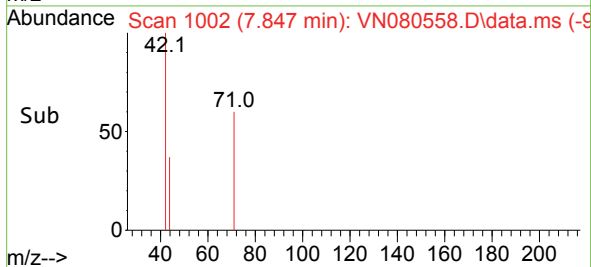
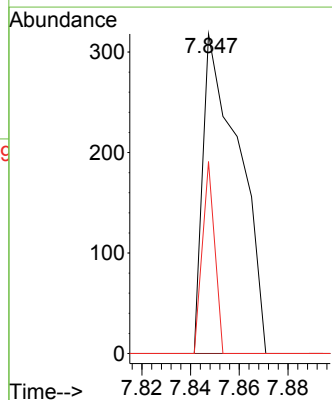
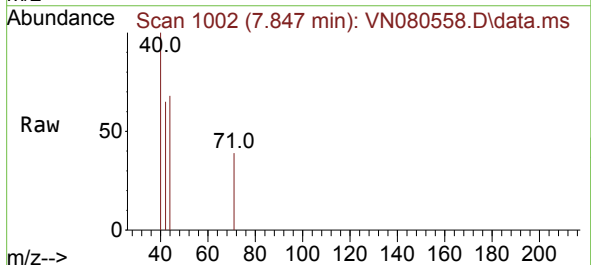


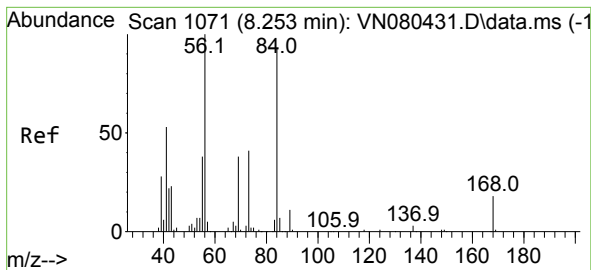
Tgt Ion: 43 Resp: 3118
Ion Ratio Lower Upper
43 100
72 13.8 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.478 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

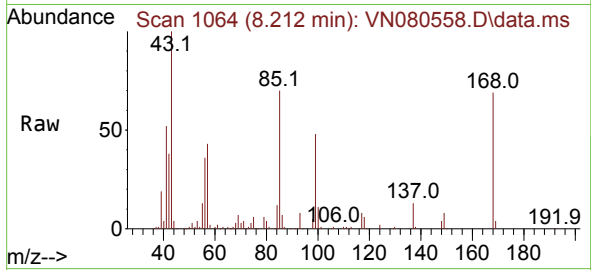
Tgt Ion: 42 Resp: 327
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#



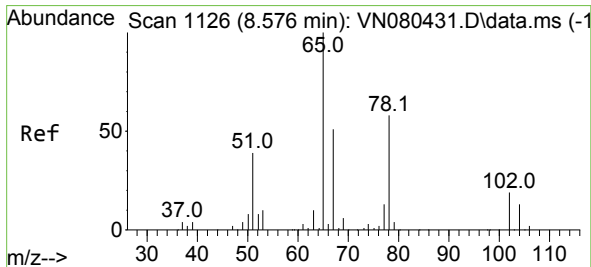
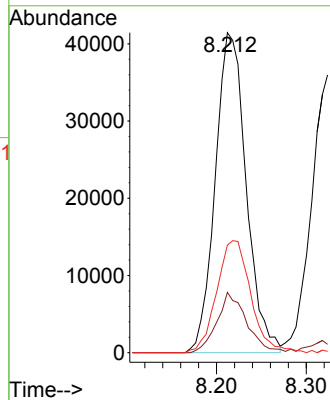
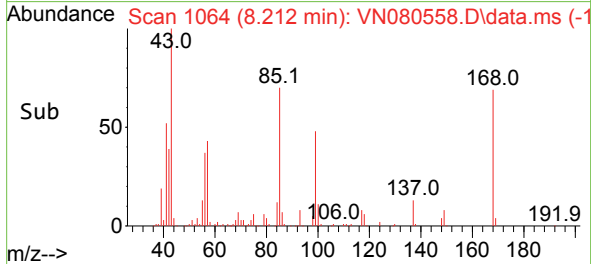


#31
Cyclohexane
Concen: 26.080 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Instrument :
MSVOA_N
ClientSampleId :

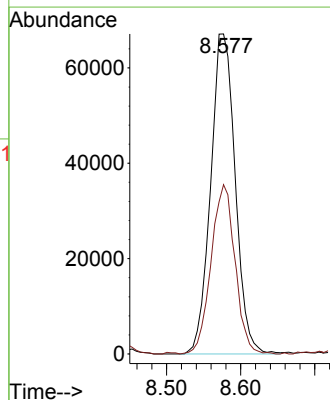
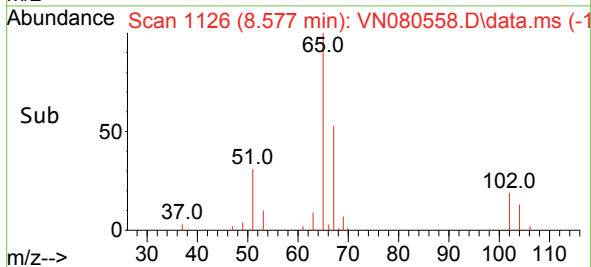
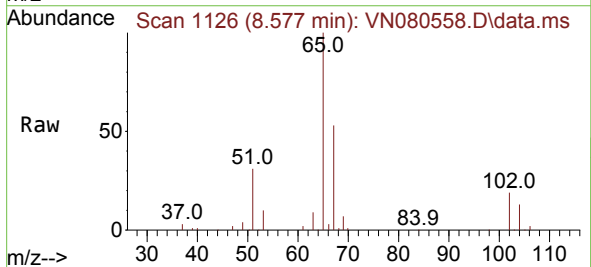


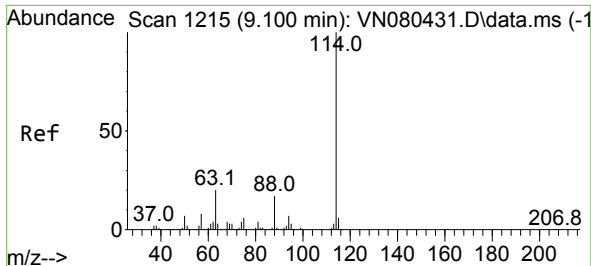
Tgt Ion: 56 Resp: 99205
Ion Ratio Lower Upper
56 100
69 18.9 26.8 40.2#
84 33.6 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 55.298 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

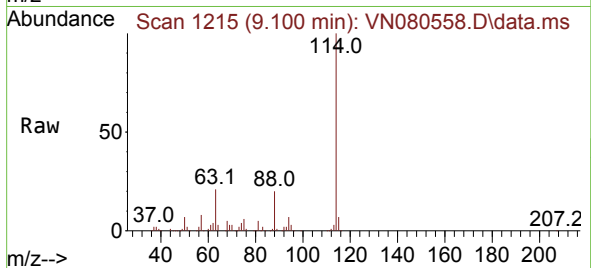
Tgt Ion: 65 Resp: 154682
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6



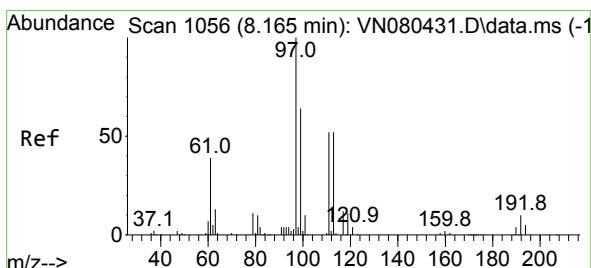
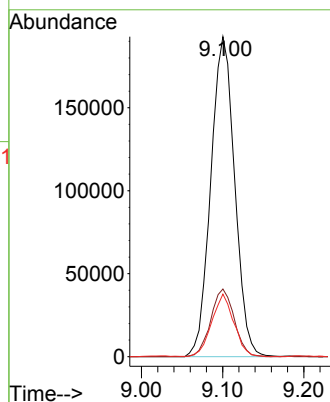
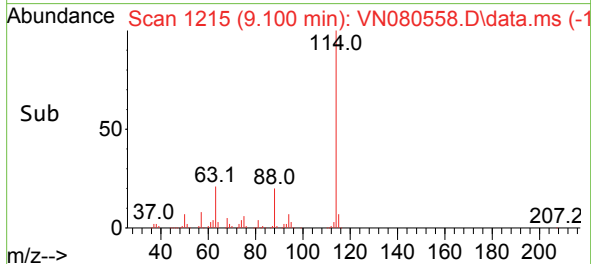


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Instrument :
MSVOA_N
ClientSampleId :

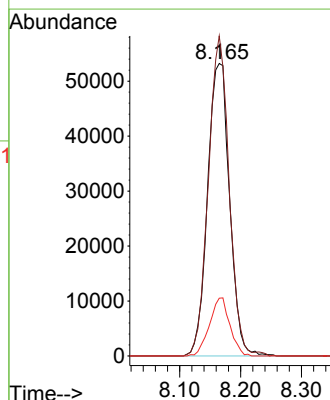
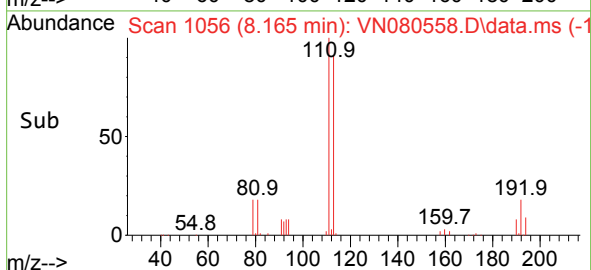
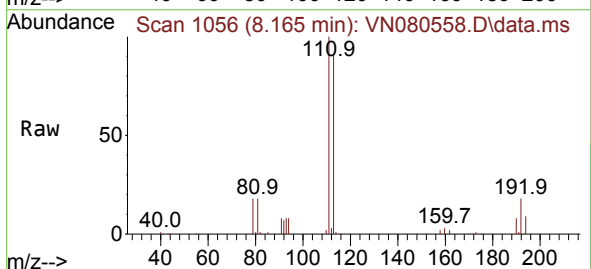


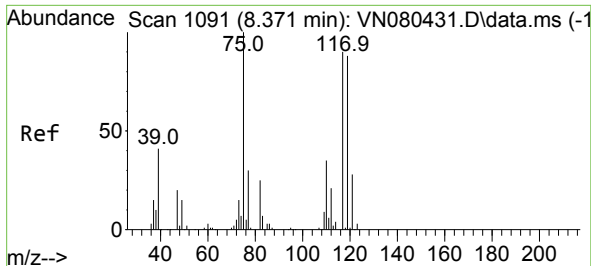
Tgt Ion:114 Resp: 394457
Ion Ratio Lower Upper
114 100
63 21.1 0.0 36.4
88 19.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.495 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

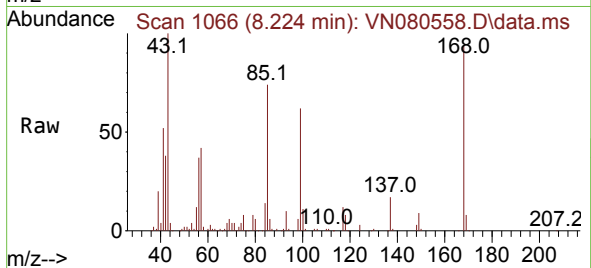
Tgt Ion:113 Resp: 133791
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 18.4 12.7 19.1



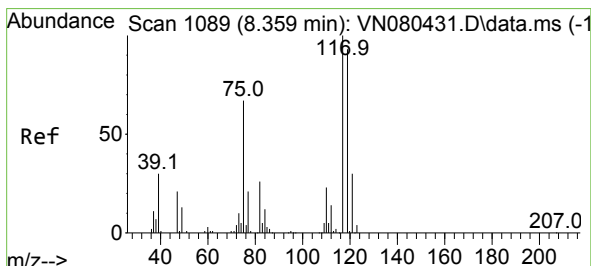
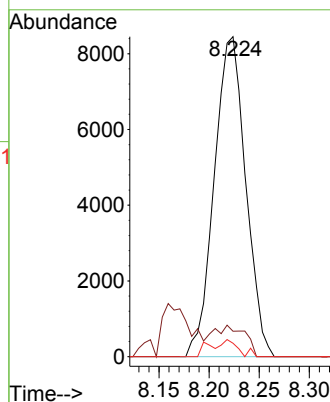
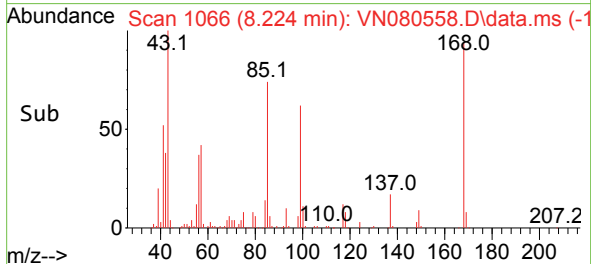


#36
 1,1-Dichloropropene
 Concen: 4.512 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN080558.D
 Acq: 20 Dec 2023 19:40

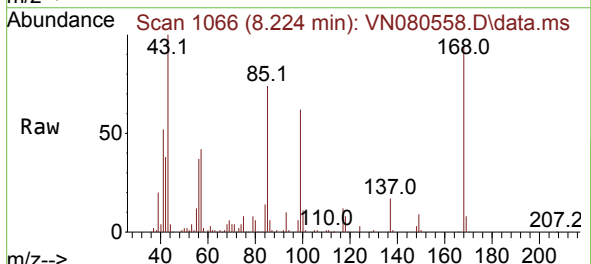
Instrument :
 MSVOA_N
 ClientSampleId :



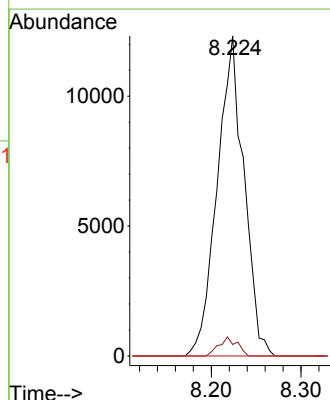
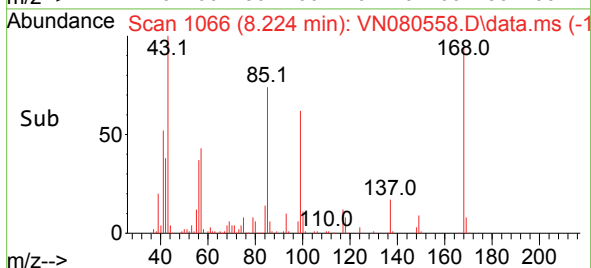
Tgt Ion: 75 Resp: 18450
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.1 57.3#
 77 2.9 25.0 37.4#

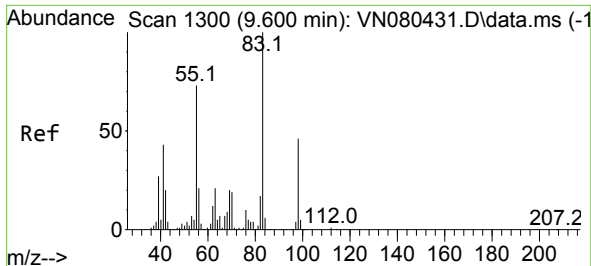


#38
 Carbon Tetrachloride
 Concen: 5.215 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN080558.D
 Acq: 20 Dec 2023 19:40



Tgt Ion: 117 Resp: 25481
 Ion Ratio Lower Upper
 117 100
 119 3.6 77.3 115.9#
 121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 4.104 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

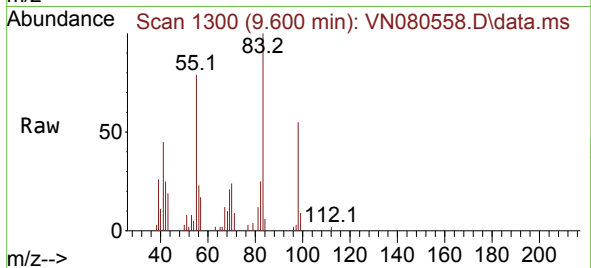
Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :



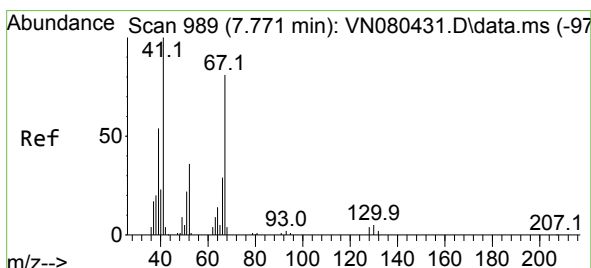
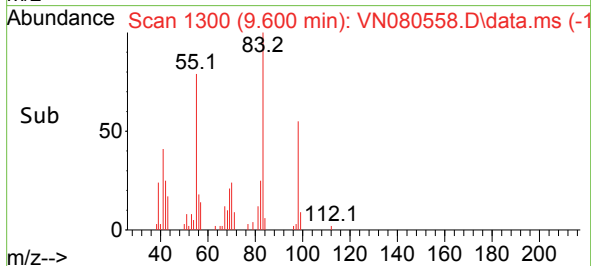
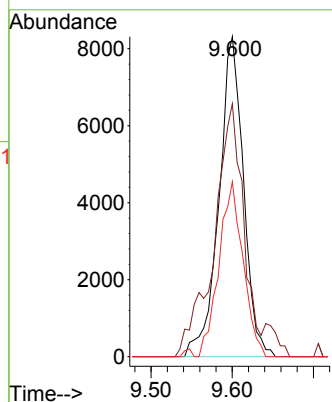
Tgt Ion: 83 Resp: 17435

Ion Ratio Lower Upper

83 100

55 76.7 49.1 73.7#

98 54.6 40.6 61.0



#41

Methacrylonitrile

Concen: 0.846 ug/l

RT: 7.747 min Scan# 985

Delta R.T. -0.023 min

Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

Tgt Ion: 41 Resp: 1249

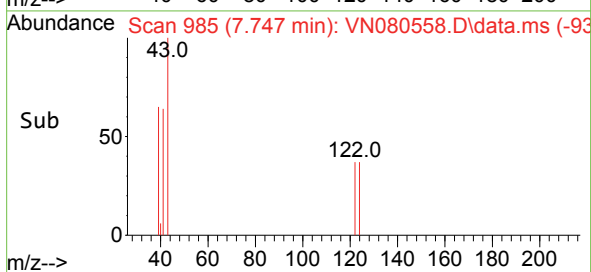
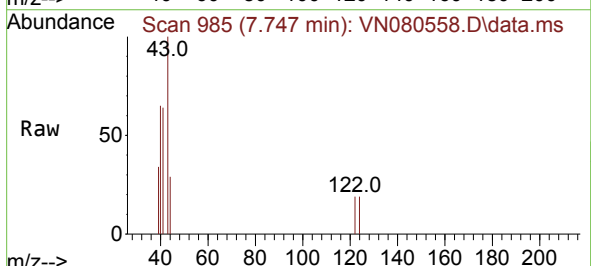
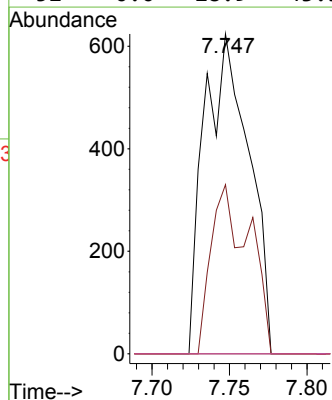
Ion Ratio Lower Upper

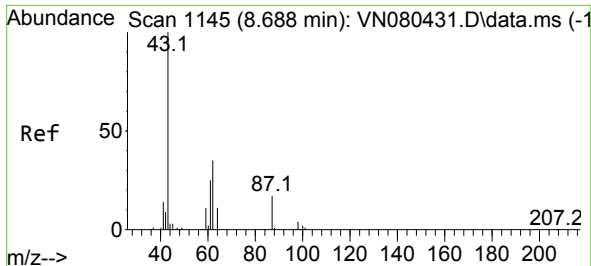
41 100

39 45.4 42.6 64.0

67 0.0 77.5 116.3#

52 0.0 28.9 43.3#

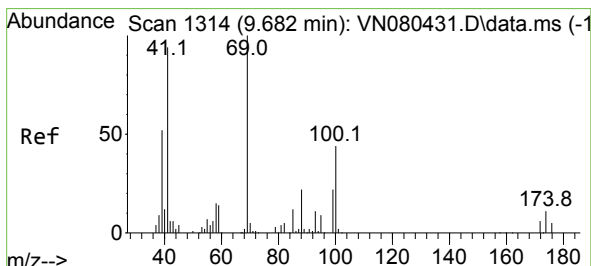
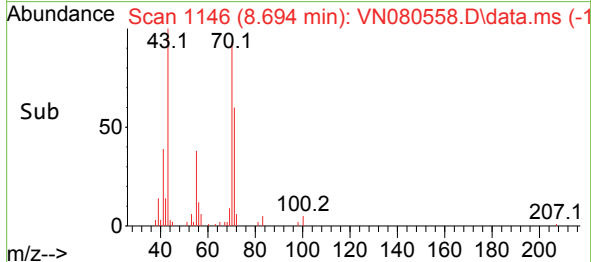
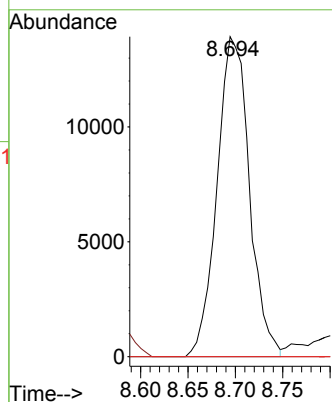
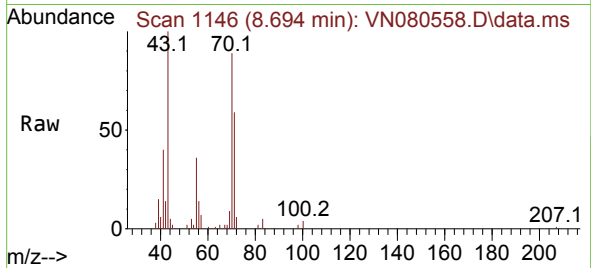




#43
Isopropyl Acetate
Concen: 7.186 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

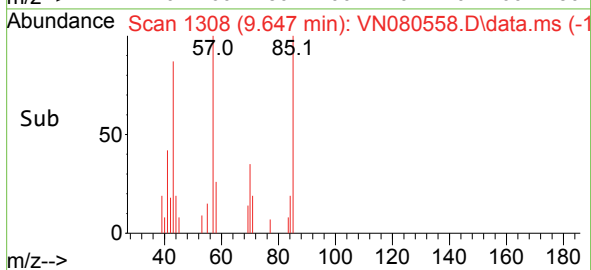
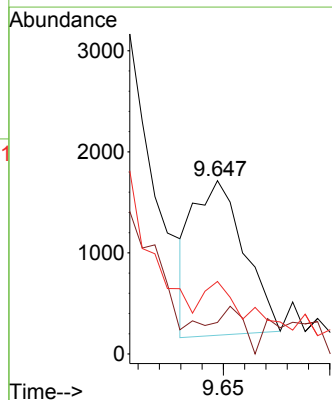
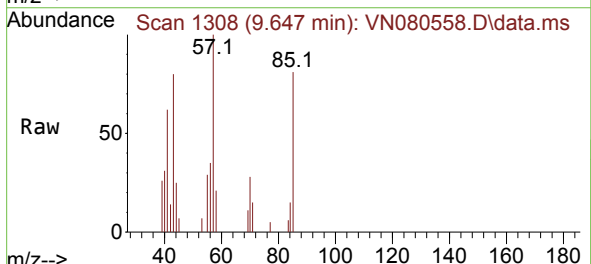
Instrument :
MSVOA_N
ClientSampleId :

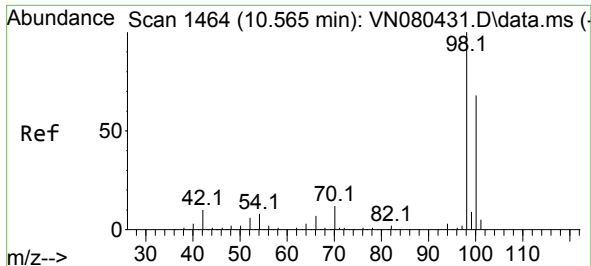
Tgt Ion: 43 Resp: 33085
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 0.933 ug/l
RT: 9.647 min Scan# 1308
Delta R.T. -0.035 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 41 Resp: 2563
Ion Ratio Lower Upper
41 100
69 15.6 90.4 135.6#
39 27.1 54.6 81.8#

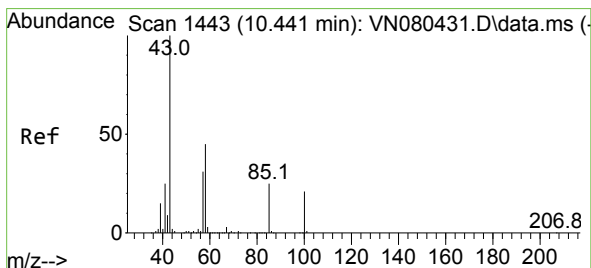
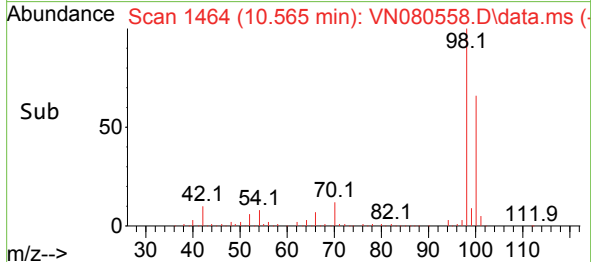
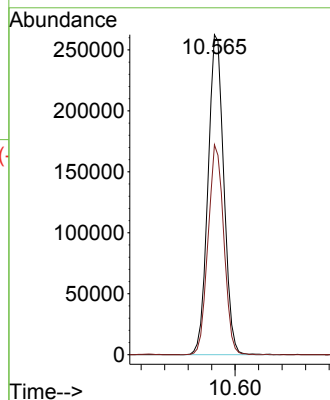
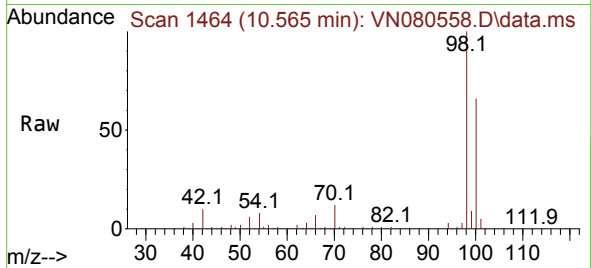




#50
Toluene-d8
Concen: 52.417 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

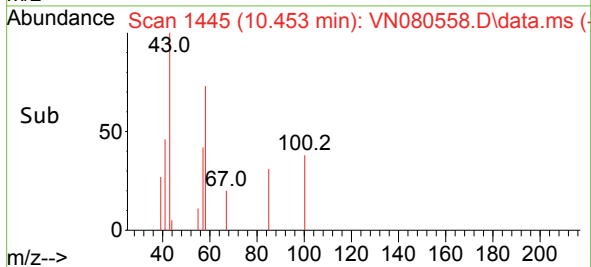
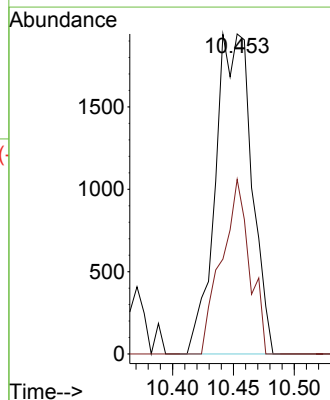
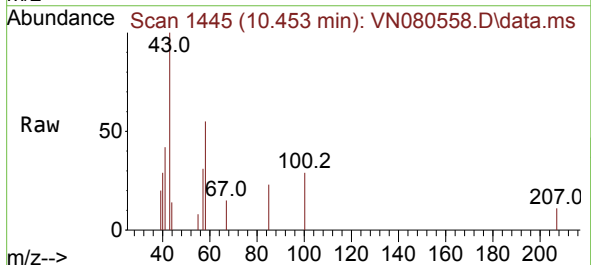
Instrument :
MSVOA_N
ClientSampleId :

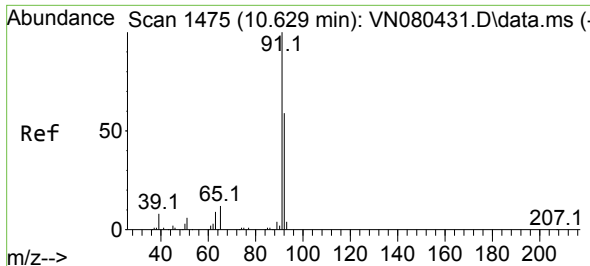
Tgt Ion: 98 Resp: 488922
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.596 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.012 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 43 Resp: 4048
Ion Ratio Lower Upper
43 100
58 42.1 36.6 54.8

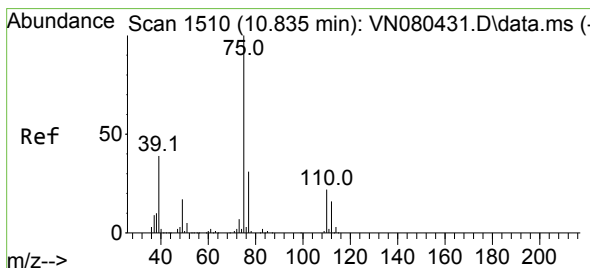
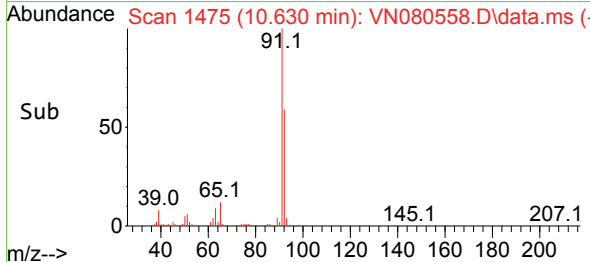
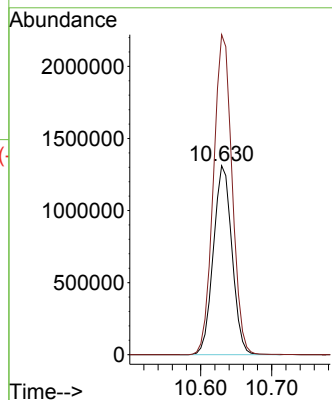
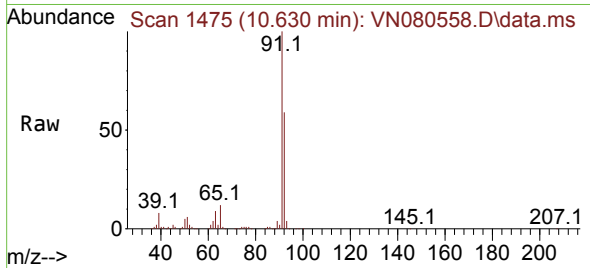




#52
Toluene
Concen: 318.994 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

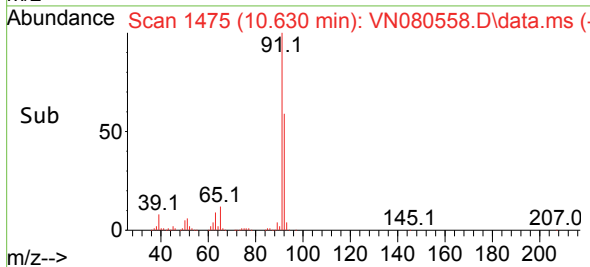
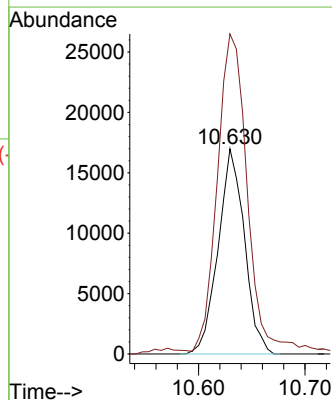
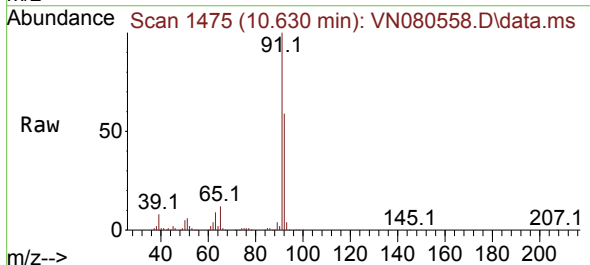
Instrument :
MSVOA_N
ClientSampleId :

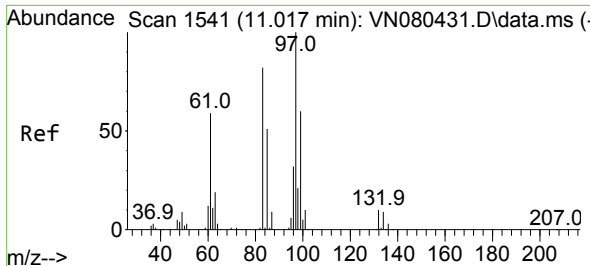
Tgt Ion: 92 Resp: 2379638
Ion Ratio Lower Upper
92 100
91 170.0 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 6.293 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.206 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 75 Resp: 29062
Ion Ratio Lower Upper
75 100
77 154.2 25.4 38.0#

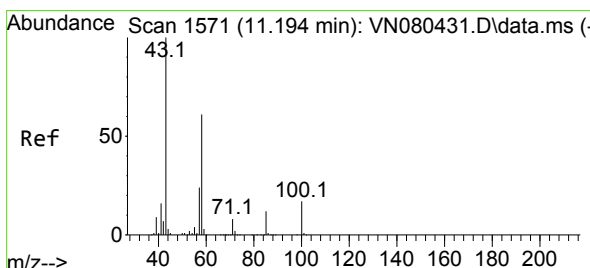
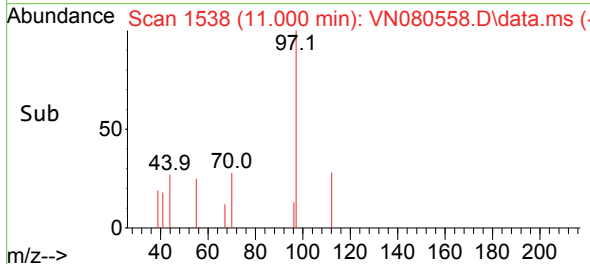
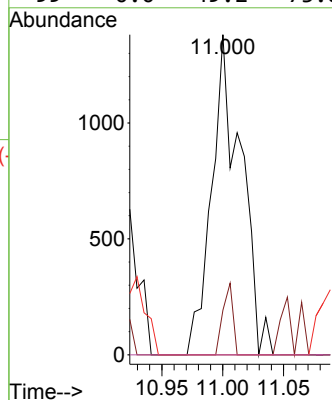
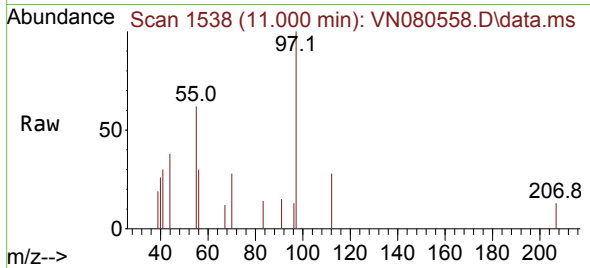




#55
 1,1,2-Trichloroethane
 Concen: 0.860 ug/l
 RT: 11.000 min Scan# 1541
 Delta R.T. -0.017 min
 Lab File: VN080558.D
 Acq: 20 Dec 2023 19:40

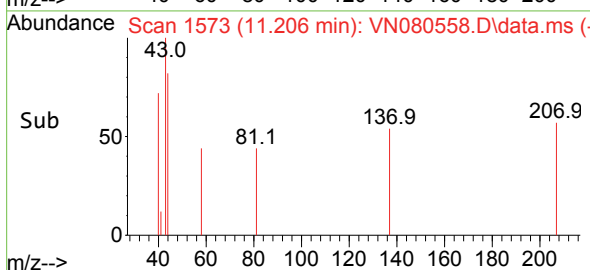
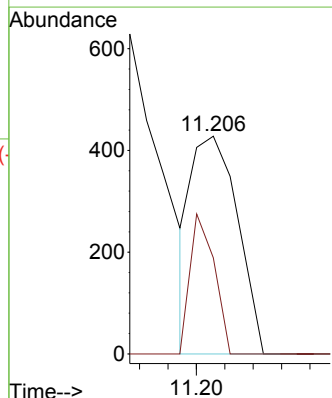
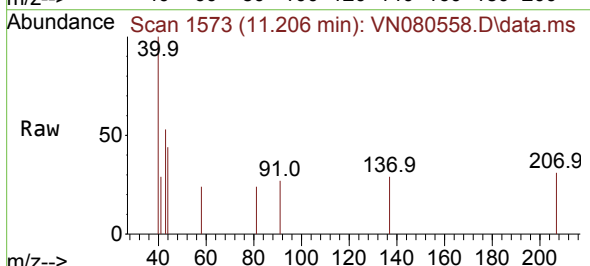
Instrument :
 MSVOA_N
 ClientSampleId :

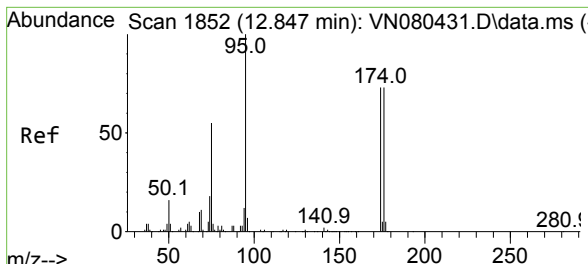
Tgt Ion: 97	Resp: 2309
Ion Ratio	Lower Upper
97 100	
83 13.9	65.1 97.7#
85 0.0	43.4 65.2#
99 0.0	49.2 73.8#



#59
 2-Hexanone
 Concen: 0.256 ug/l
 RT: 11.206 min Scan# 1573
 Delta R.T. 0.012 min
 Lab File: VN080558.D
 Acq: 20 Dec 2023 19:40

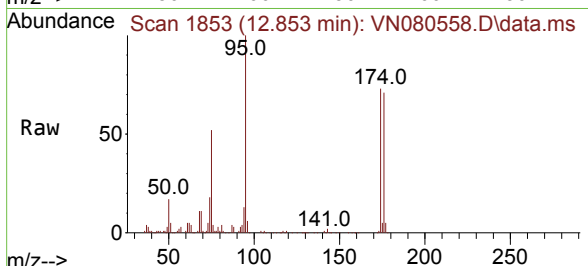
Tgt Ion: 43	Resp: 479		
Ion Ratio	Lower	Upper	
43 100			
58 34.2	31.7	95.1	





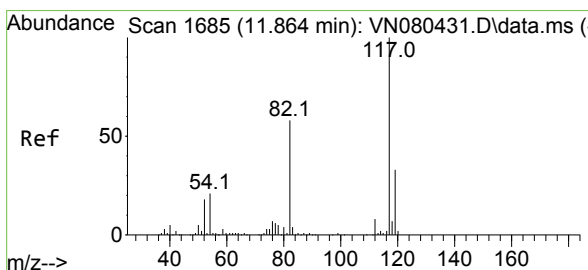
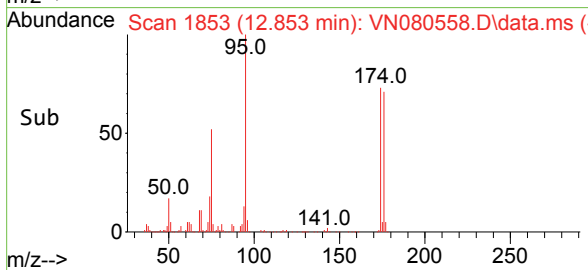
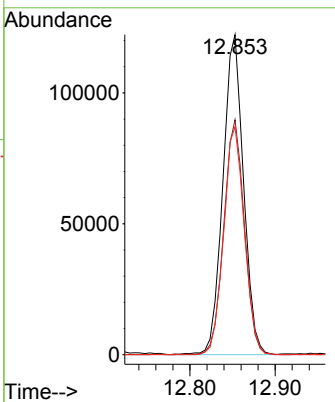
#62
 4-Bromofluorobenzene
 Concen: 58.009 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN080558.D
 Acq: 20 Dec 2023 19:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 95 Resp: 205463

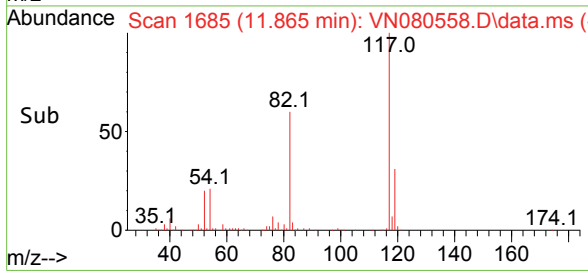
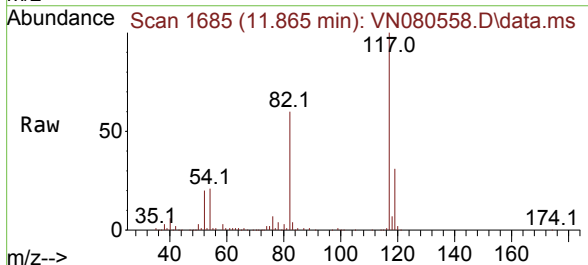
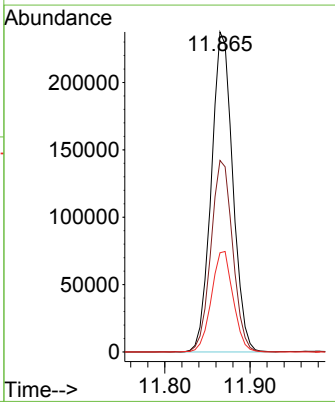
Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	143.8
176	71.2	0.0	135.8

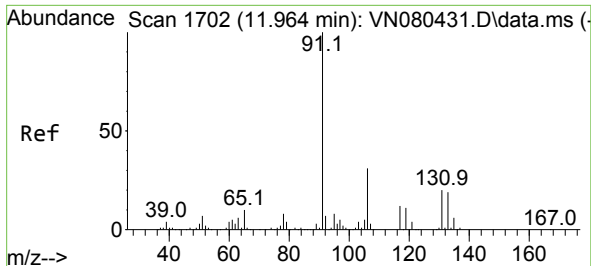


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN080558.D
 Acq: 20 Dec 2023 19:40

Tgt Ion: 117 Resp: 415564

Ion	Ratio	Lower	Upper
117	100		
82	59.8	44.0	66.0
119	31.0	25.6	38.4

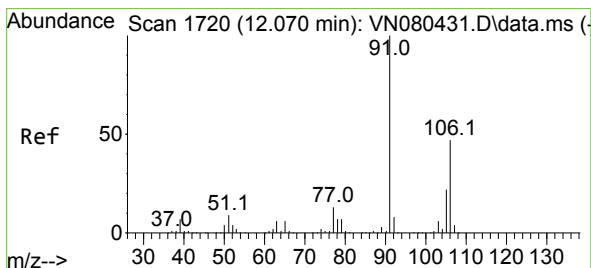
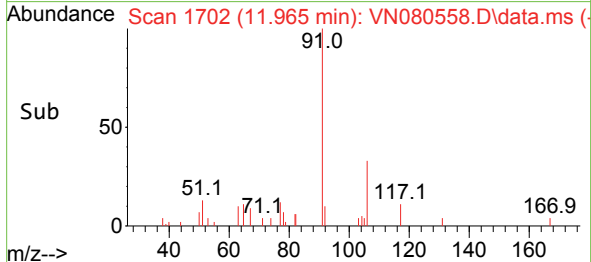
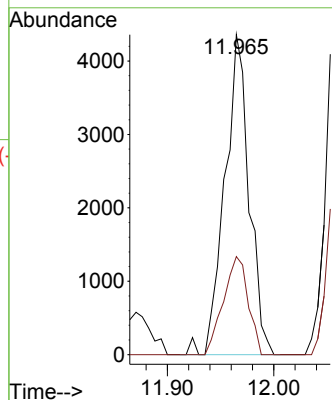
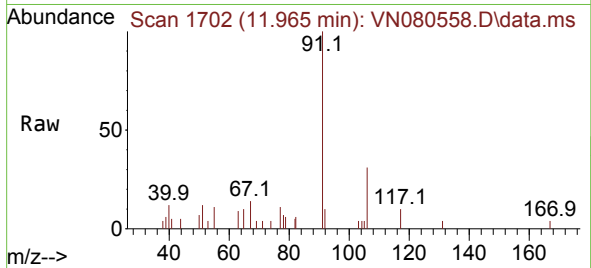




#67
Ethyl Benzene
Concen: 0.407 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

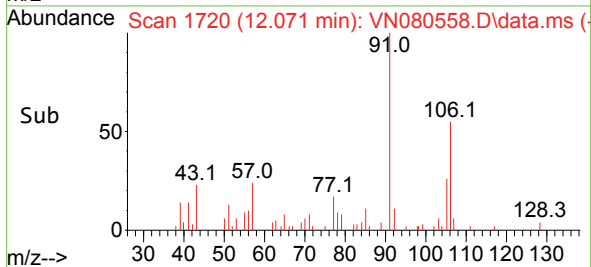
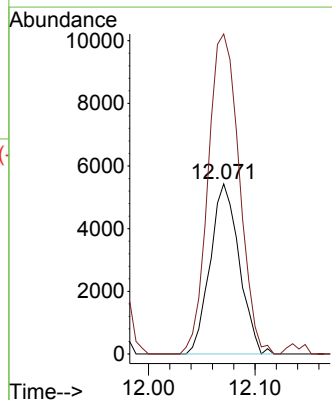
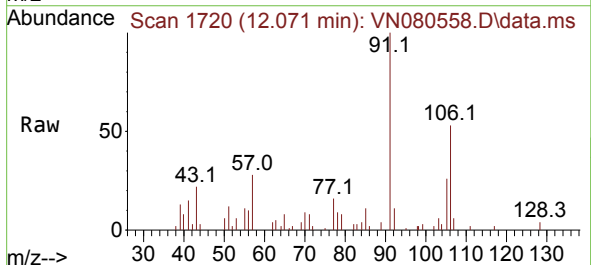
Instrument :
MSVOA_N
ClientSampleId :

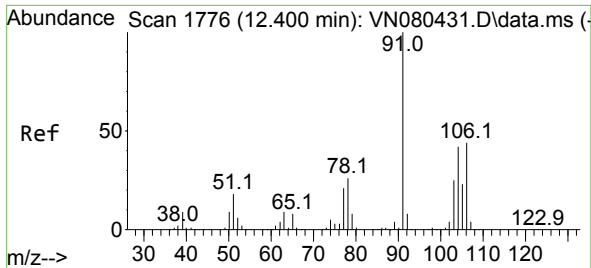
Tgt Ion: 91 Resp: 6917
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 1.633 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 106 Resp: 10255
Ion Ratio Lower Upper
106 100
91 202.4 159.6 239.4

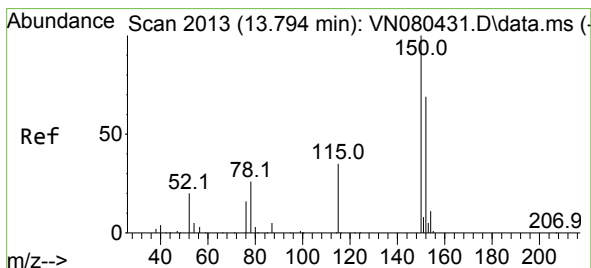
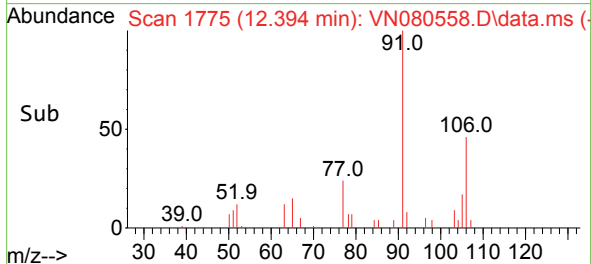
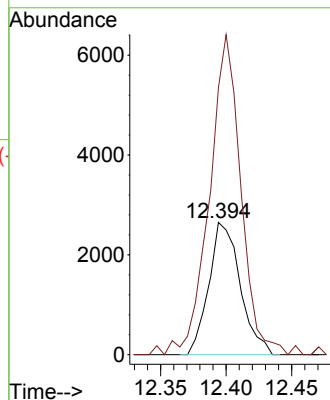
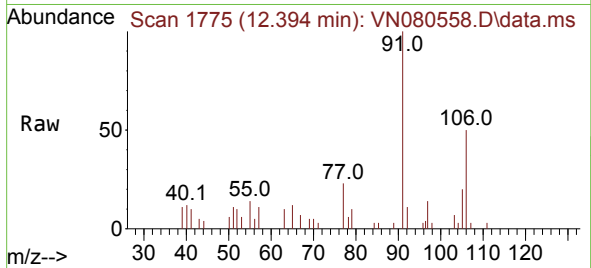




#69
o-Xylene
Concen: 0.717 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

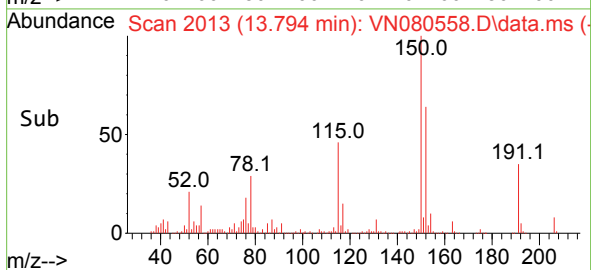
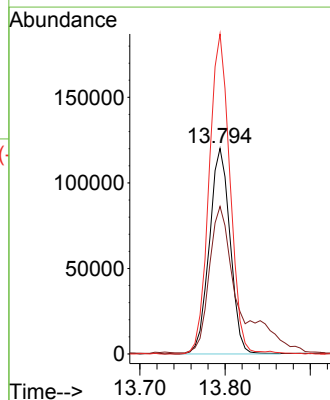
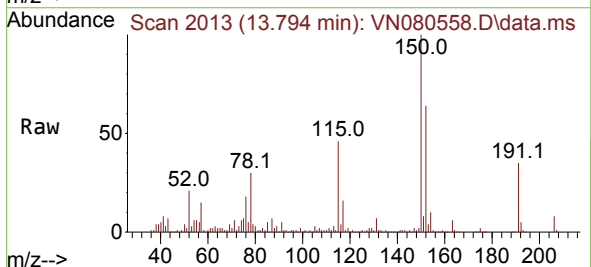
Instrument :
MSVOA_N
ClientSampleId :

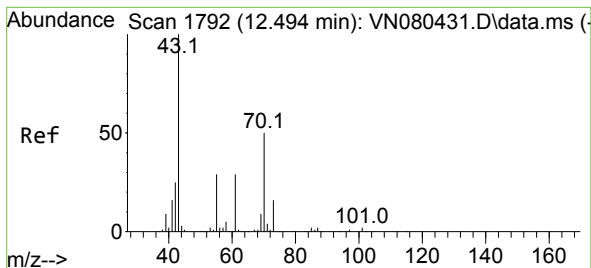
Tgt Ion:106 Resp: 4408
Ion Ratio Lower Upper
106 100
91 244.7 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Tgt Ion:152 Resp: 203047
Ion Ratio Lower Upper
152 100
115 100.2 32.3 96.8#
150 157.0 0.0 355.8





#74

N-amy1 acetate

Concen: 1.221 ug/l

RT: 12.465 min Scan# 1

Delta R.T. -0.029 min

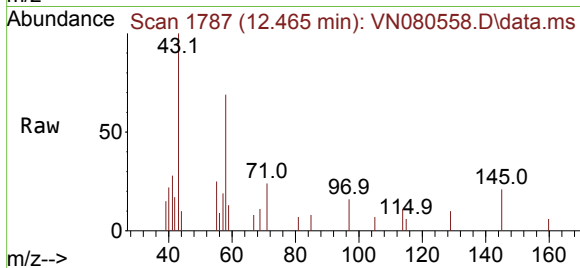
Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 5817

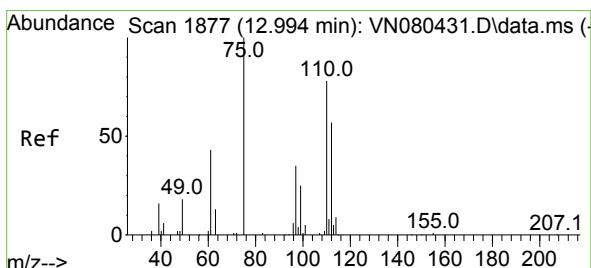
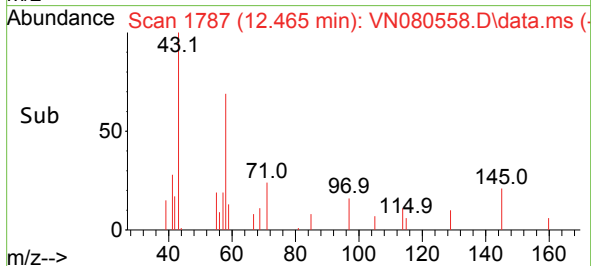
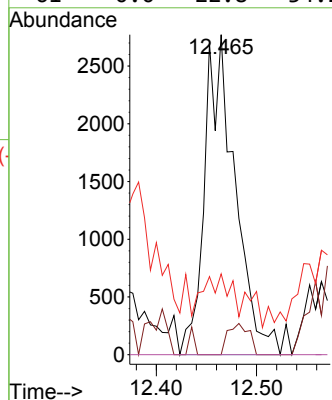
Ion Ratio Lower Upper

43 100

70 6.7 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 26.584 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080558.D

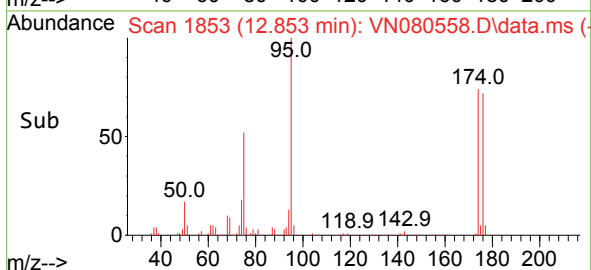
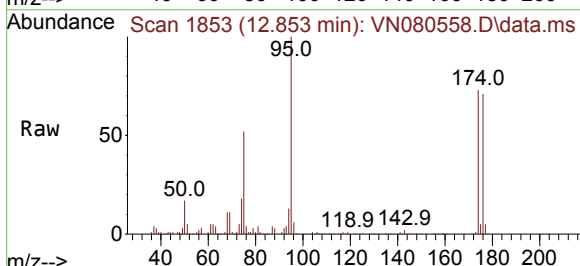
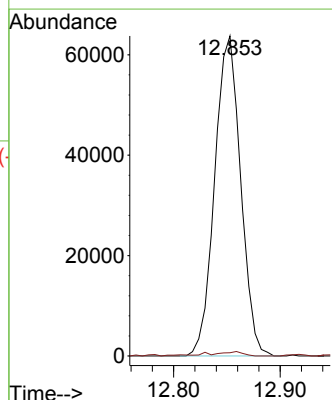
Acq: 20 Dec 2023 19:40

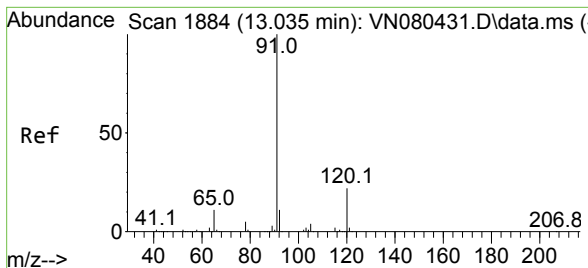
Tgt Ion: 75 Resp: 107684

Ion Ratio Lower Upper

75 100

77 1.1 84.5 253.5#





#78

n-propylbenzene

Concen: 0.315 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_N

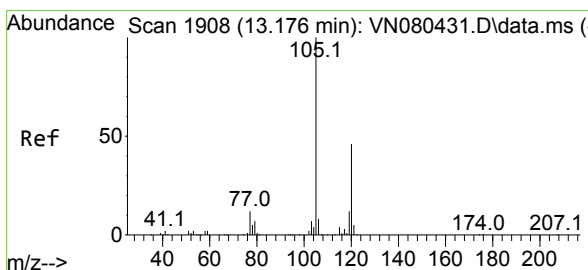
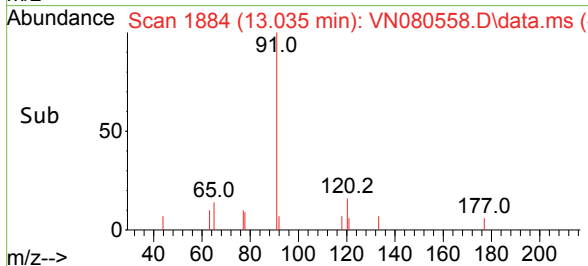
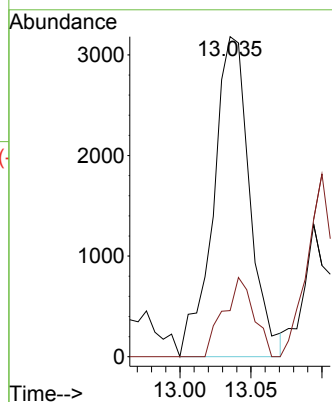
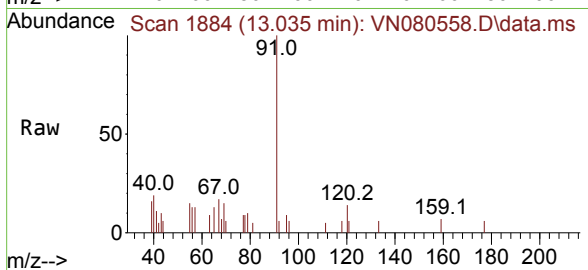
ClientSampleId :

Tgt Ion: 91 Resp: 5669

Ion Ratio Lower Upper

91 100

120 20.6 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 0.357 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080558.D

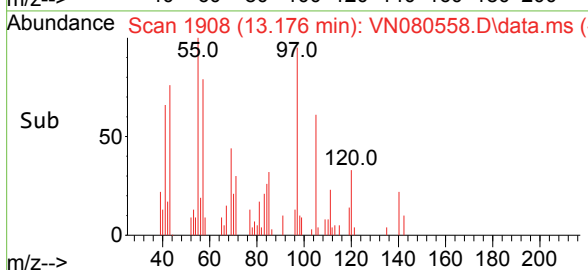
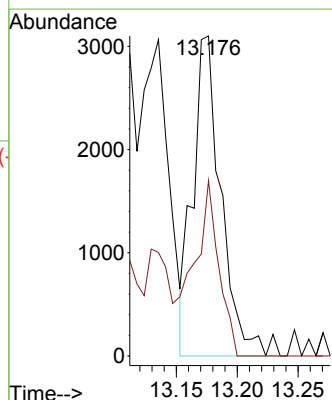
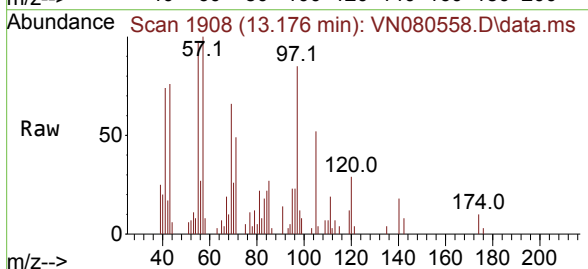
Acq: 20 Dec 2023 19:40

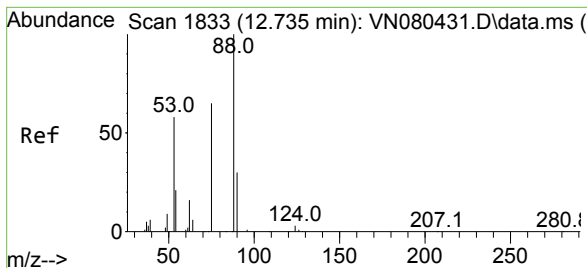
Tgt Ion: 105 Resp: 5010

Ion Ratio Lower Upper

105 100

120 45.2 24.1 72.3

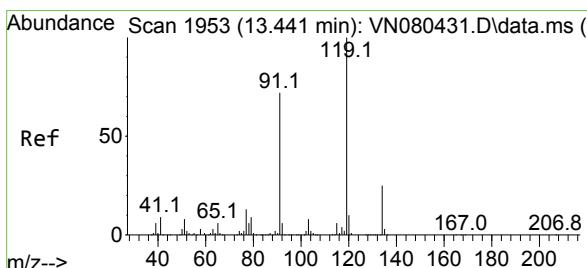
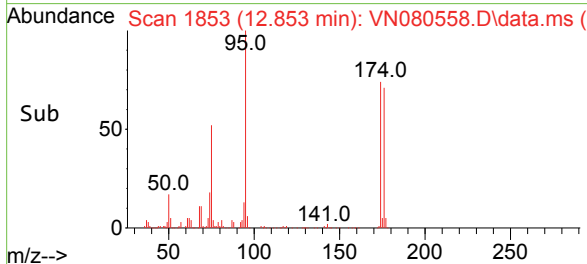
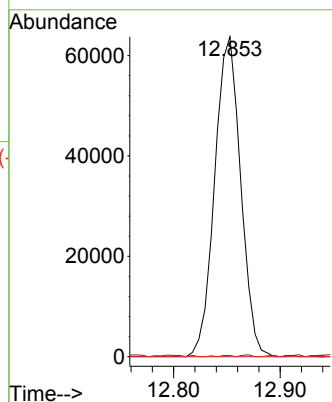
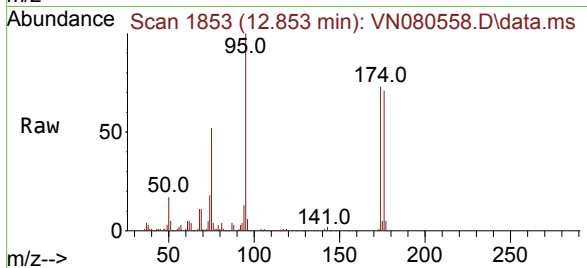




#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.798 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.118 min
 Lab File: VN080558.D
 Acq: 20 Dec 2023 19:40

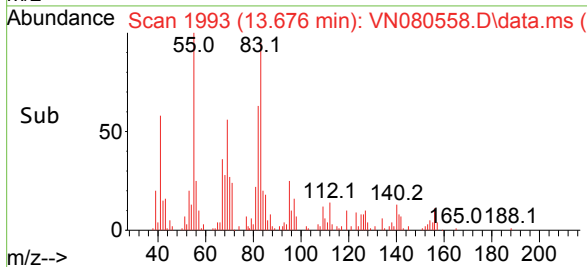
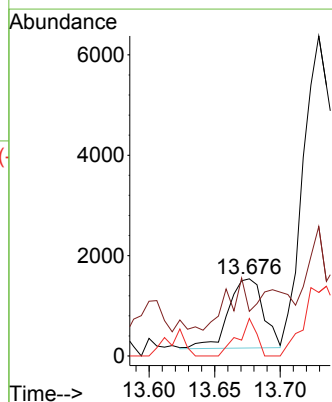
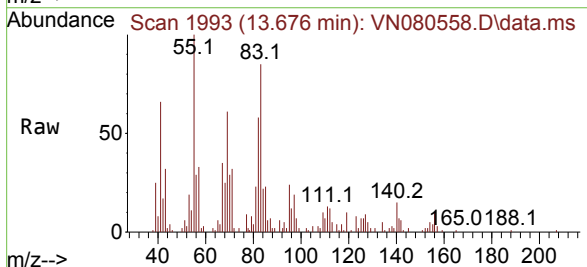
Instrument :
 MSVOA_N
 ClientSampleId :

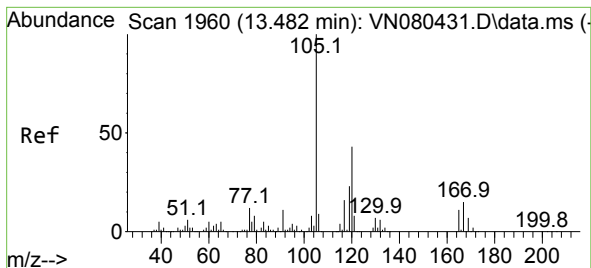
Tgt Ion: 75 Resp: 107684
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.4 101.2#
 89 0.0 38.8 58.2#



#83
 tert-Butylbenzene
 Concen: 0.222 ug/l
 RT: 13.676 min Scan# 1993
 Delta R.T. 0.236 min
 Lab File: VN080558.D
 Acq: 20 Dec 2023 19:40

Tgt Ion: 119 Resp: 2550
 Ion Ratio Lower Upper
 119 100
 91 42.5 33.9 101.7
 134 28.4 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 1.200 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_N

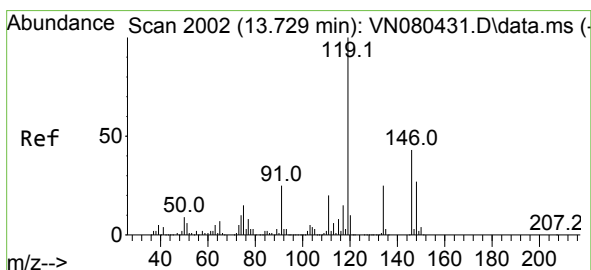
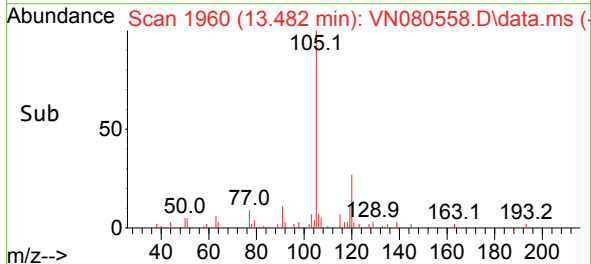
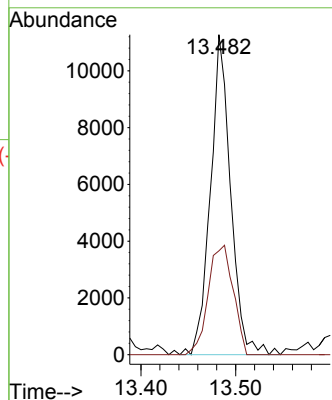
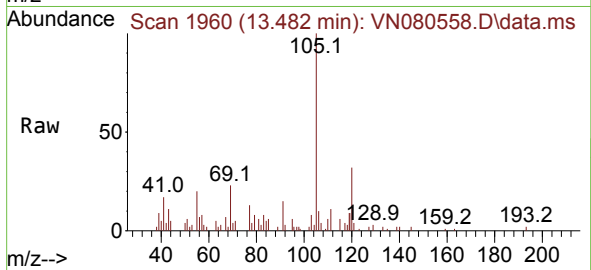
ClientSampleId :

Tgt Ion:105 Resp: 16772

Ion Ratio Lower Upper

105 100

120 42.1 22.0 66.0



#86

p-Isopropyltoluene

Concen: 0.795 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

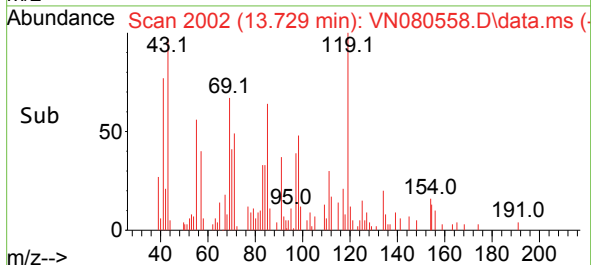
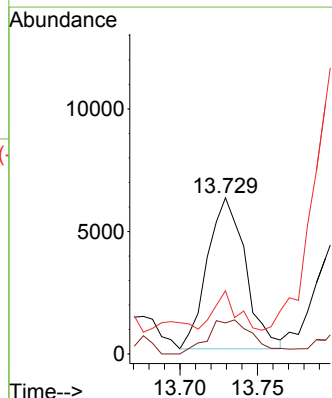
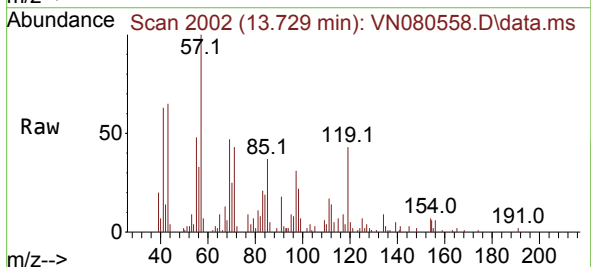
Tgt Ion:119 Resp: 10559

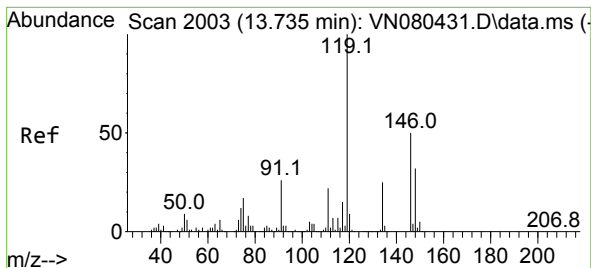
Ion Ratio Lower Upper

119 100

134 27.3 12.6 37.8

91 0.0 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 0.341 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.077 min

Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

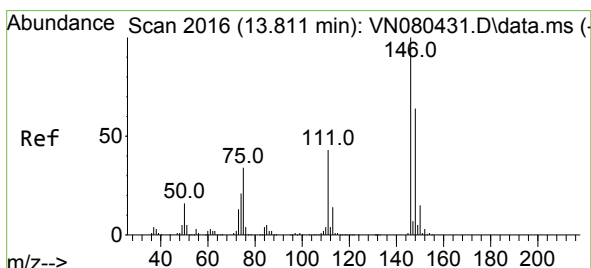
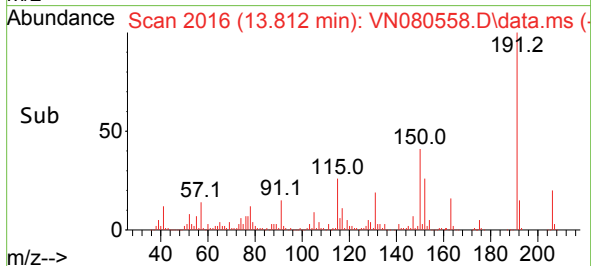
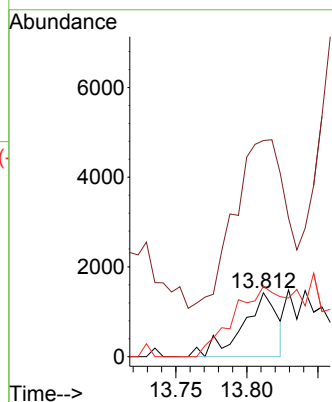
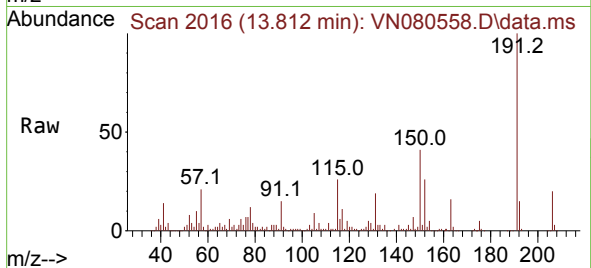
Tgt Ion:146 Resp: 2411

Ion Ratio Lower Upper

146 100

111 372.7 22.1 66.3#

148 165.3 32.0 96.0#



#88

1,4-Dichlorobenzene

Concen: 0.338 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

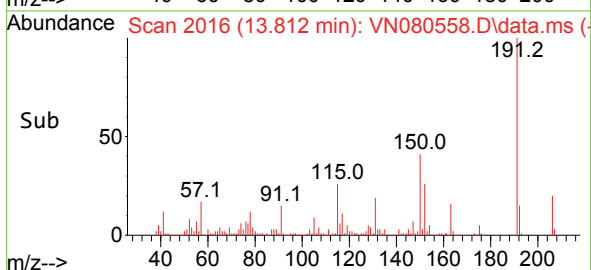
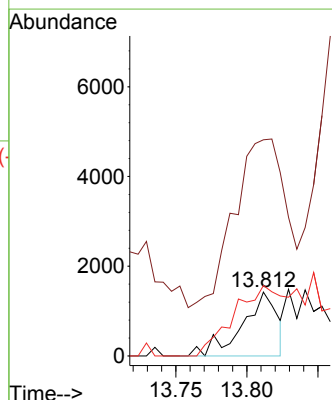
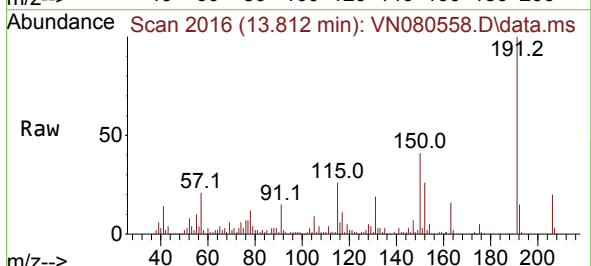
Tgt Ion:146 Resp: 2411

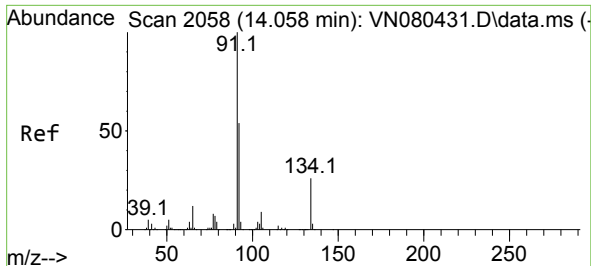
Ion Ratio Lower Upper

146 100

111 372.7 20.6 61.8#

148 165.3 31.6 94.8#

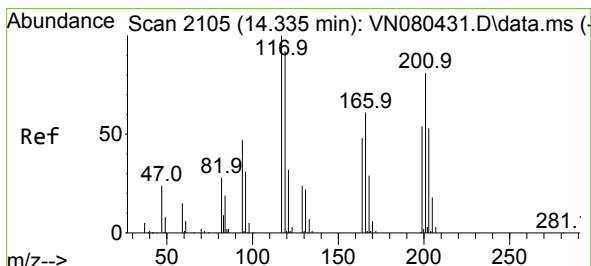
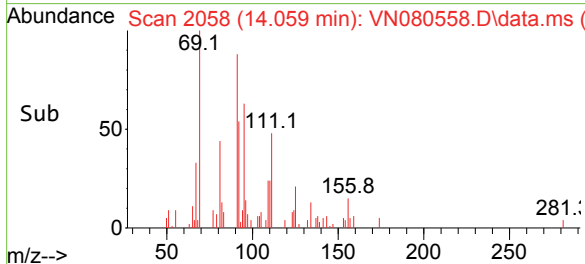
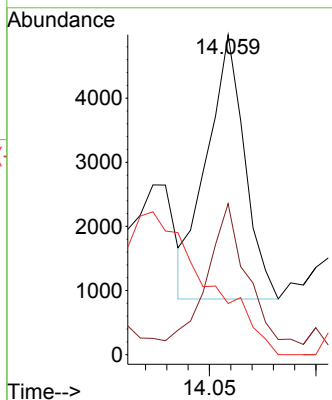
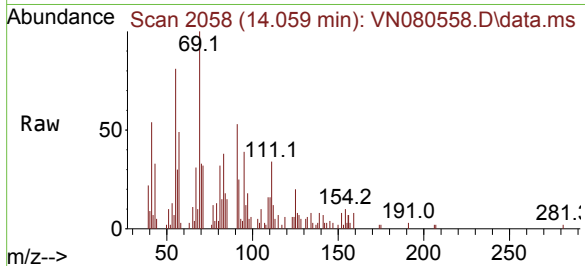




#89
n-Butylbenzene
Concen: 0.457 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

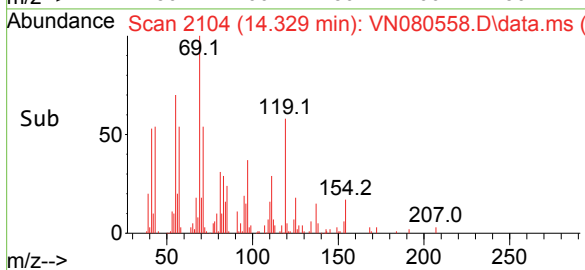
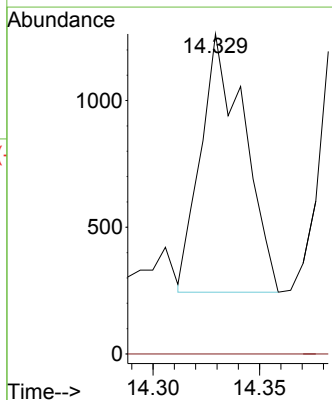
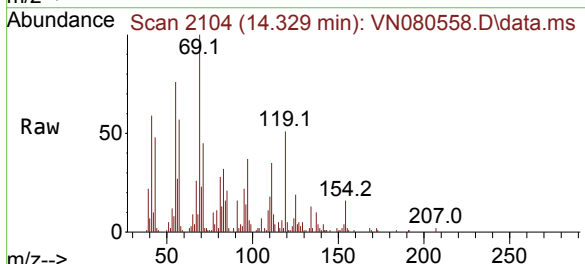
Instrument :
MSVOA_N
ClientSampleId :

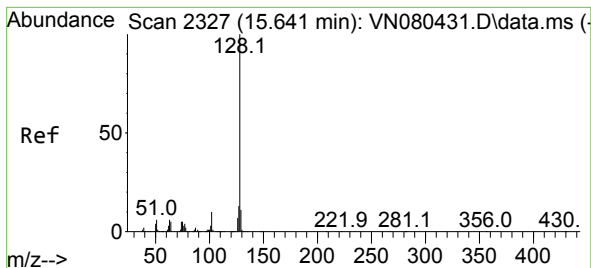
Tgt Ion: 91 Resp: 5068
Ion Ratio Lower Upper
91 100
92 59.5 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 0.687 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN080558.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 117 Resp: 1449
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#





#95

Naphthalene

Concen: 1.050 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

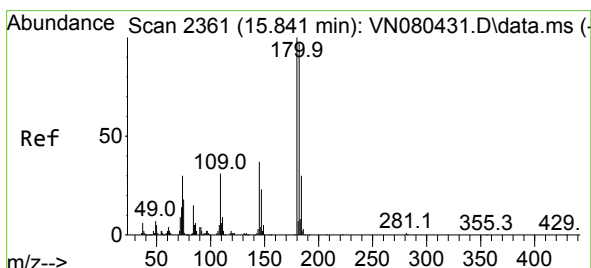
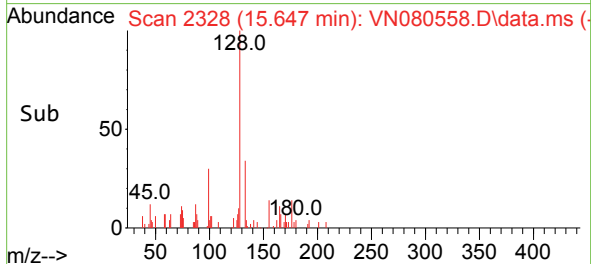
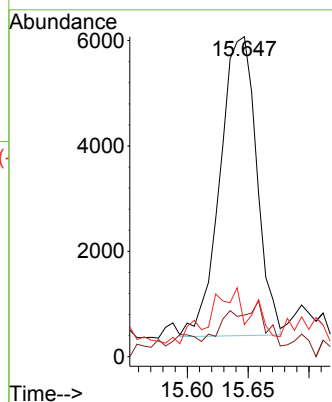
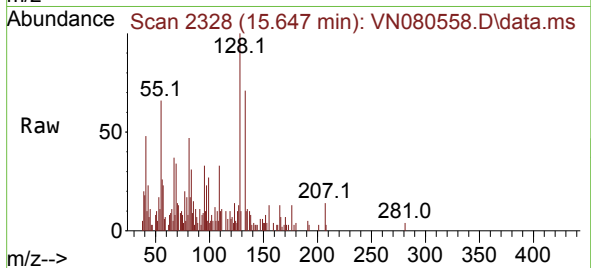
Tgt Ion:128 Resp: 11881

Ion Ratio Lower Upper

128 100

127 5.1 10.0 15.0#

129 17.4 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.265 ug/l

RT: 15.853 min Scan# 2363

Delta R.T. 0.012 min

Lab File: VN080558.D

Acq: 20 Dec 2023 19:40

Tgt Ion:180 Resp: 952

Ion Ratio Lower Upper

180 100

182 5.6 46.2 138.6#

145 0.0 17.5 52.6#

