

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080609.D
 Acq On : 29 Dec 2023 12:48
 Operator : JC\MD
 Sample : PB158132ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158132ZHE#01

Quant Time: Dec 29 23:40:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	261847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	668802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230494	68.625	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 137.240%#	
35) Dibromofluoromethane	8.165	113	193663	49.809	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.620%	
50) Toluene-d8	10.571	98	746660	55.001	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.000%	
62) 4-Bromofluorobenzene	12.853	95	278756	61.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.020%	

Target Compounds					Qvalue	
3) Chloromethane	2.365	50	8057	1.556	ug/l	99
5) Bromomethane	2.971	94	940	0.764	ug/l #	72
10) Methyl Iodide	4.595	142	956	0.548	ug/l #	85
11) Tert butyl alcohol	5.524	59	2024	4.479	ug/l #	81
13) Acrolein	4.177	56	709	1.388	ug/l #	65
15) Acrylonitrile	5.718	53	428	0.332	ug/l #	46
16) Acetone	4.424	43	50847	55.691	ug/l	96
17) Carbon Disulfide	4.712	76	3192	0.490	ug/l #	85
18) Methyl Acetate	5.024	43	2676	0.529	ug/l #	42
20) Methylene Chloride	5.271	84	21777	7.475	ug/l #	90
25) 2-Butanone	7.483	43	13216	7.745	ug/l #	81
29) Tetrahydrofuran	7.841	42	8308	7.465	ug/l #	80
31) Cyclohexane	8.230	56	4796	1.055	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	19978	3.339	ug/l #	50
37) Ethyl Acetate	7.565	43	5713	1.265	ug/l #	95
38) Carbon Tetrachloride	8.224	117	26366	4.307	ug/l #	17
40) Benzene	8.612	78	847	0.420	ug/l #	52
41) Methacrylonitrile	7.853	41	4727	1.698	ug/l #	35
42) 1,2-Dichloroethane	8.683	62	2270	0.409	ug/l #	73
43) Isopropyl Acetate	8.688	43	247202	33.778	ug/l #	87
48) Methyl methacrylate	9.659	41	6393	1.573	ug/l #	31
49) 1,4-Dioxane	9.694	88	358	5.512	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	28934	6.951	ug/l #	77
54) cis-1,3-Dichloropropene	10.359	75	86434	13.357	ug/l #	67
56) Ethyl methacrylate	10.982	69	3289	0.890	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	13175	2.060	ug/l #	42
59) 2-Hexanone	11.177	43	205662	65.555	ug/l #	19
71) Bromoform	12.853	173	1507	0.398	ug/l #	1
74) N-amyl acetate	12.482	43	2620	0.444	ug/l #	44
76) 1,2,3-Trichloropropane	12.853	75	143536	27.335	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	143536	74.043	ug/l #	15
86) p-Isopropyltoluene	13.729	119	2457	0.628	ug/l	96
89) n-Butylbenzene	14.059	91	4351	0.373	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.717	75	359	0.302	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.394	180	2077	0.510	ug/l	88
94) Hexachlorobutadiene	15.512	225	1721	0.819	ug/l	86

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QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration

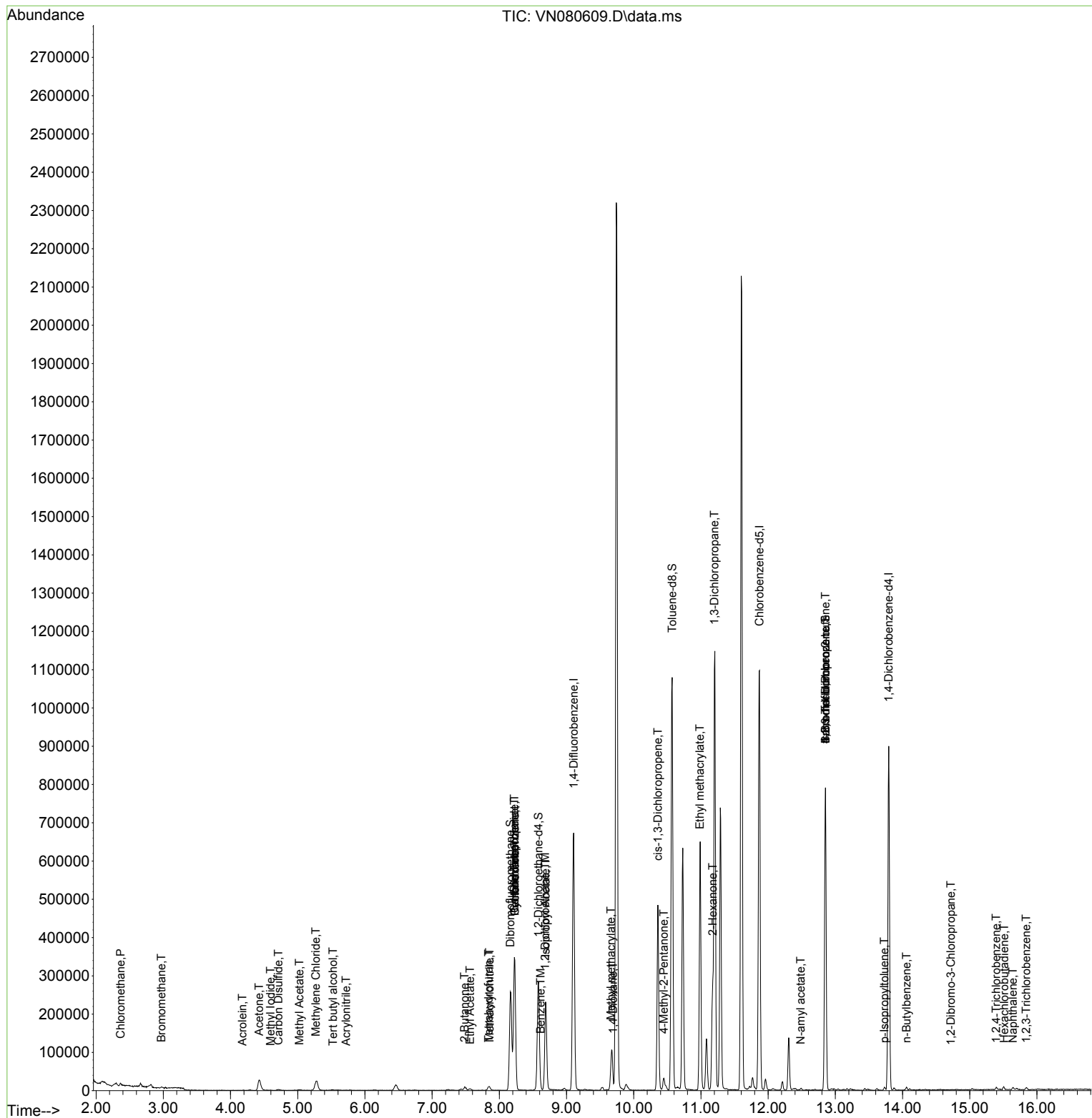
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.641	128	5722	0.451	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	2143	0.520	ug/l	89

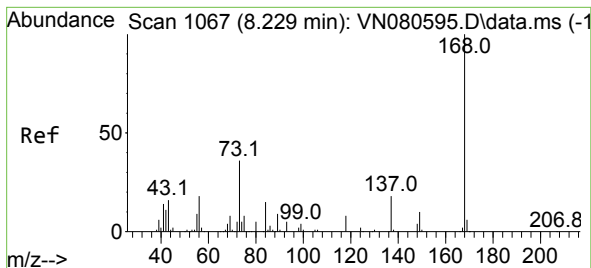
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

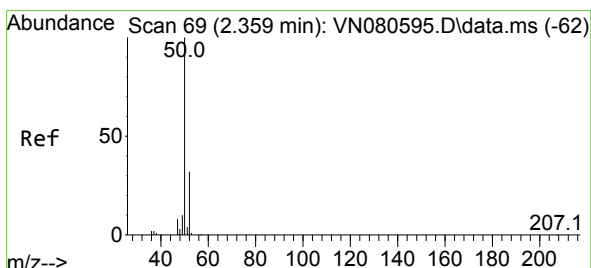
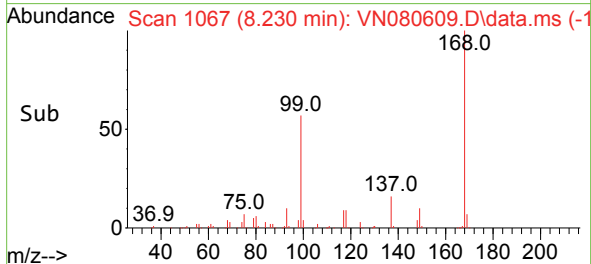
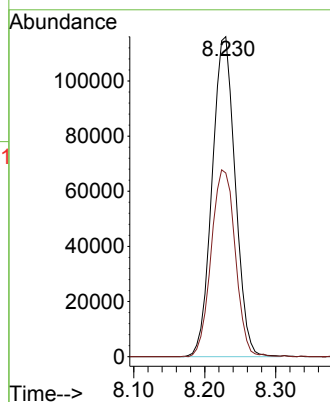
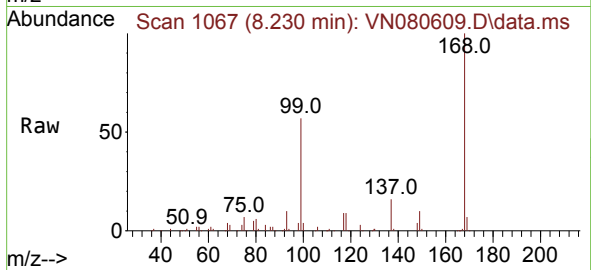
PB158132ZHE#01

Tgt Ion:168 Resp: 261847

Ion Ratio Lower Upper

168 100

99 57.4 53.0 79.6



#3

Chloromethane

Concen: 1.556 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080609.D

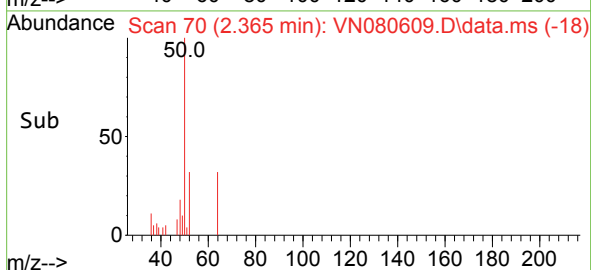
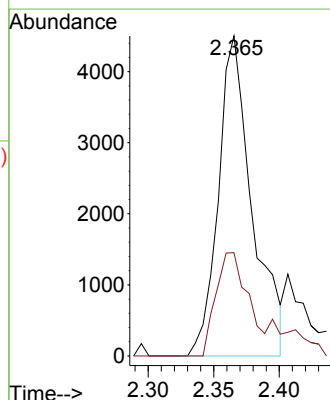
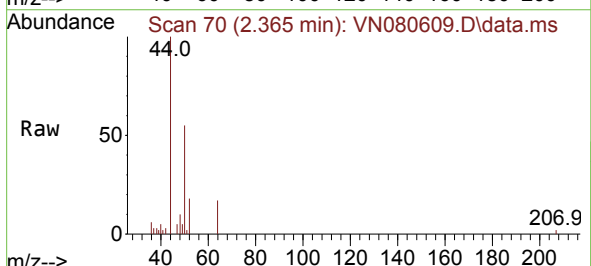
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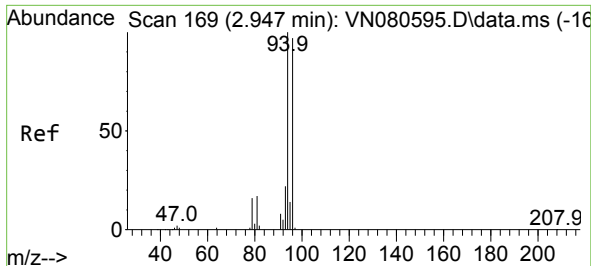
Tgt Ion: 50 Resp: 8057

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7

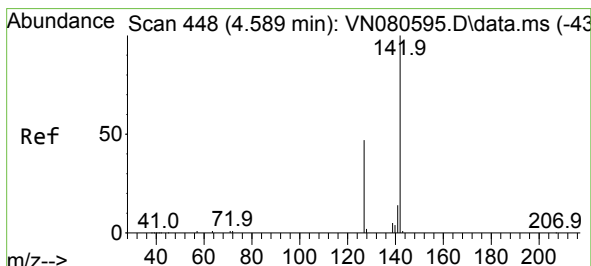
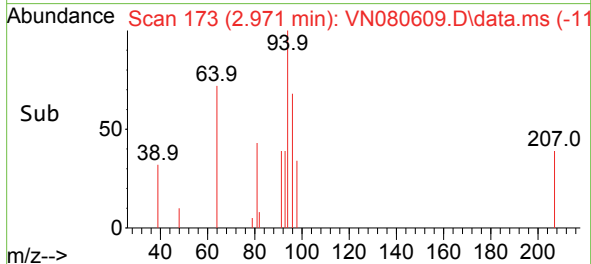
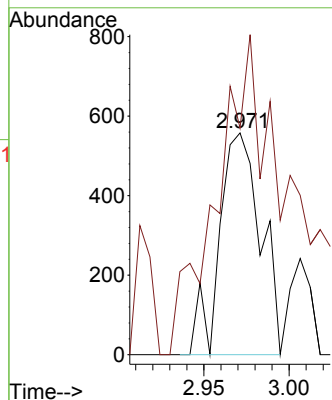
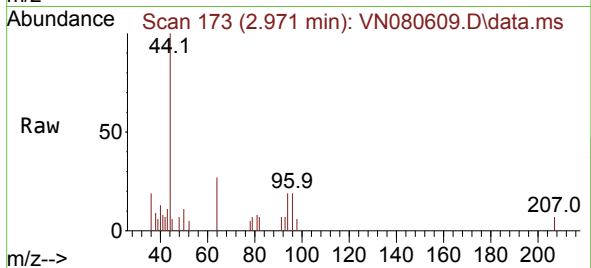




#5
Bromomethane
Concen: 0.764 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

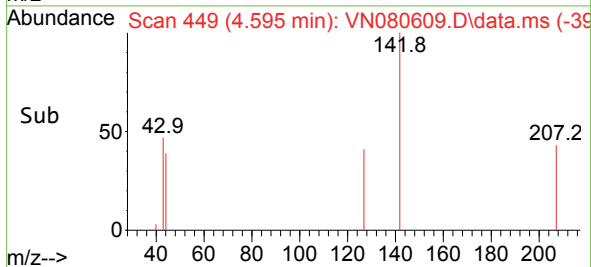
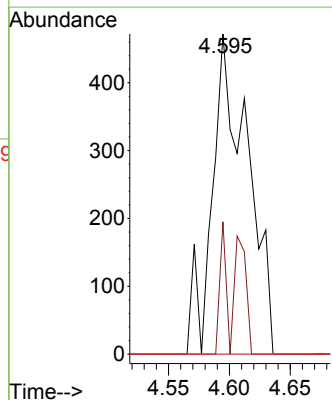
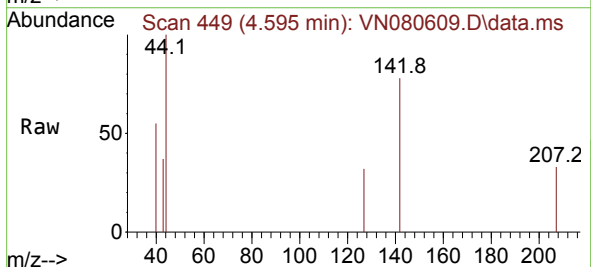
Instrument :
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PB158132ZHE#01

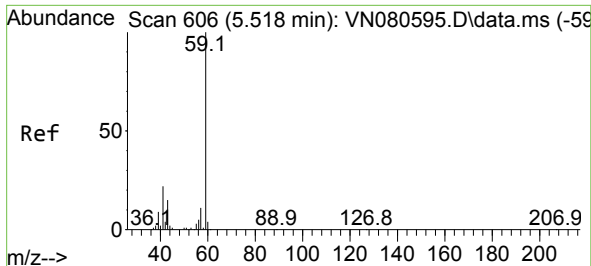
Tgt Ion: 94 Resp: 940
Ion Ratio Lower Upper
94 100
96 64.7 73.1 109.7#



#10
Methyl Iodide
Concen: 0.548 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion:142 Resp: 956
Ion Ratio Lower Upper
142 100
127 41.3 37.6 56.4
141 0.0 11.4 17.0#

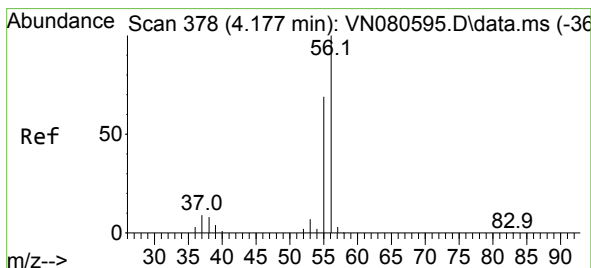
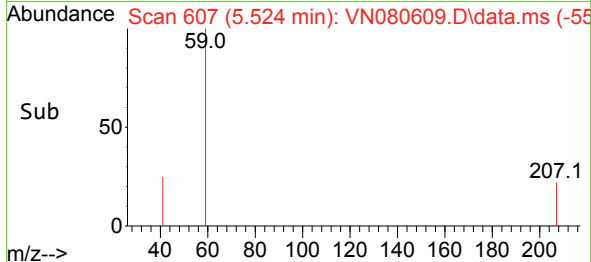
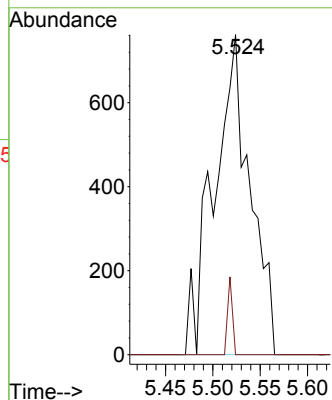
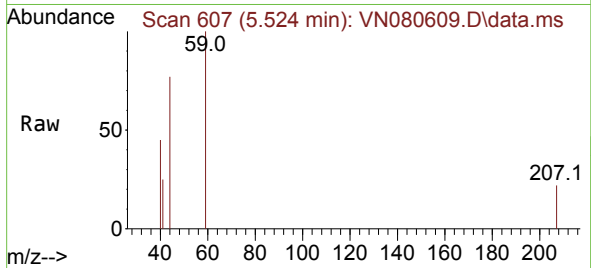




#11
Tert butyl alcohol
Concen: 4.479 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

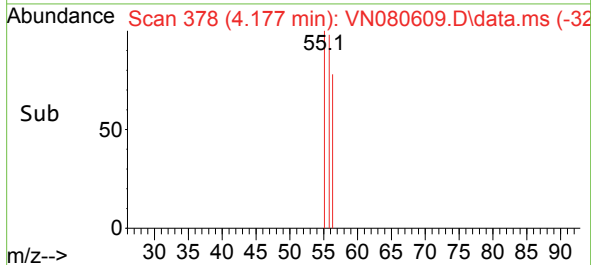
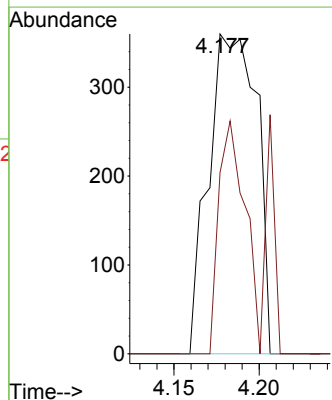
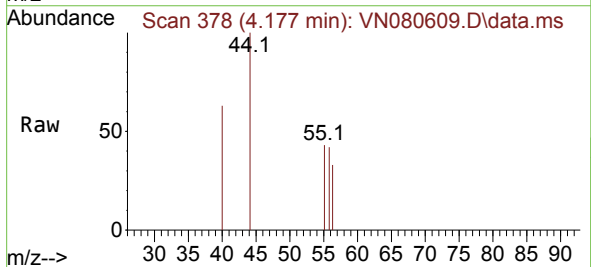
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

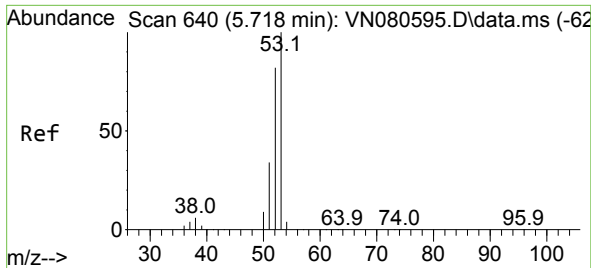
Tgt Ion: 59 Resp: 2024
Ion Ratio Lower Upper
59 100
57 3.2 8.2 12.4#



#13
Acrolein
Concen: 1.388 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 56 Resp: 709
Ion Ratio Lower Upper
56 100
55 39.8 54.5 81.7#

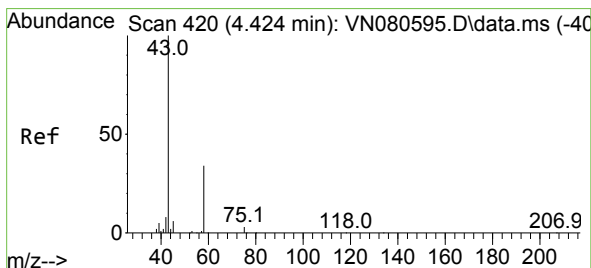
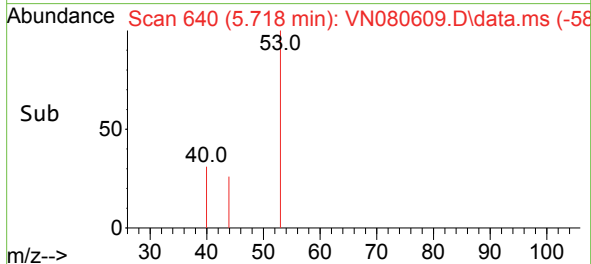
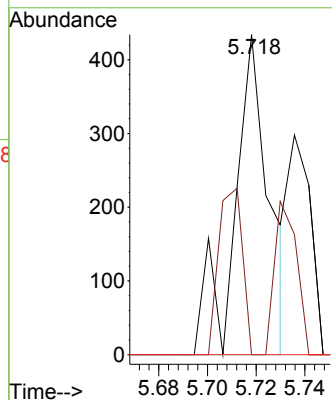
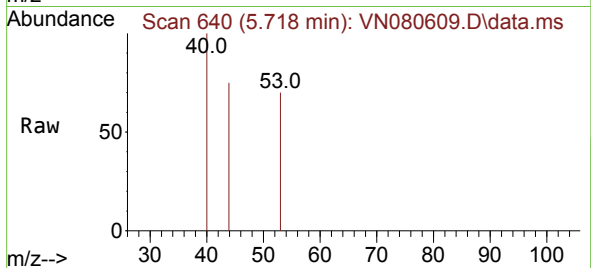




#15
Acrylonitrile
Concen: 0.332 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

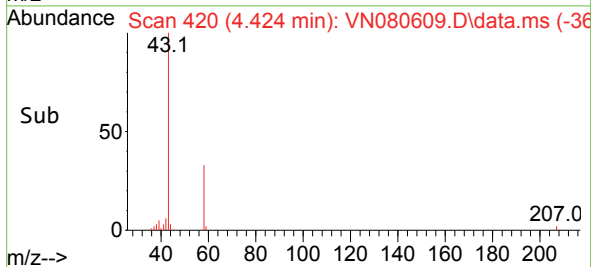
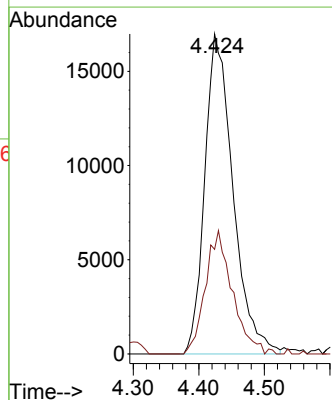
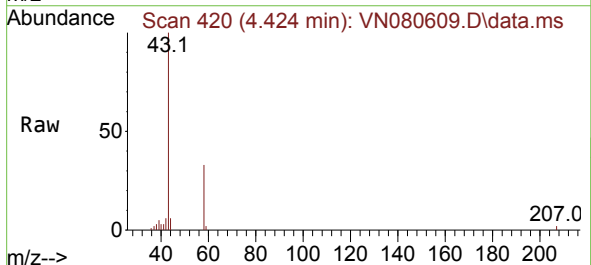
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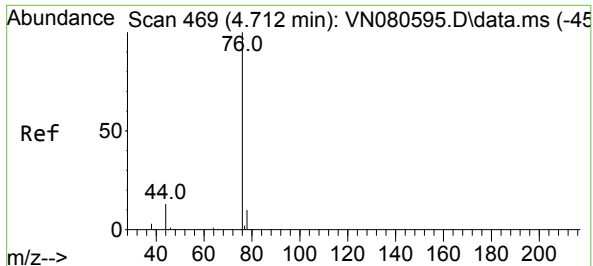
Tgt Ion: 53 Resp: 428
Ion Ratio Lower Upper
53 100
52 36.0 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 55.691 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 43 Resp: 50847
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0

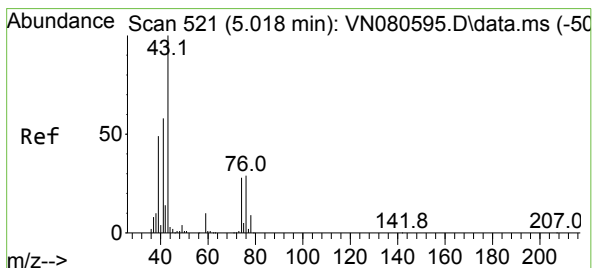
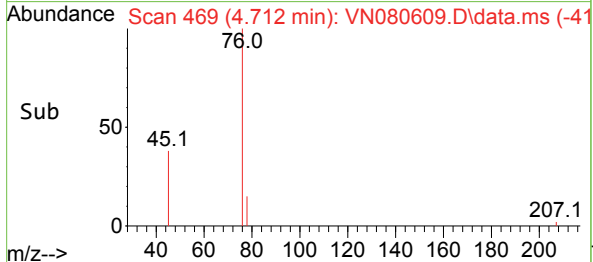
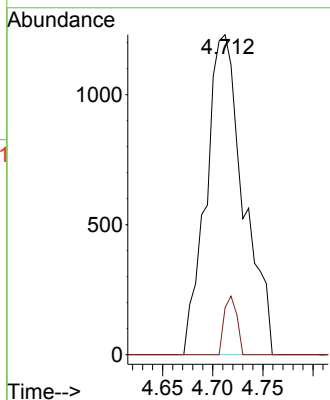
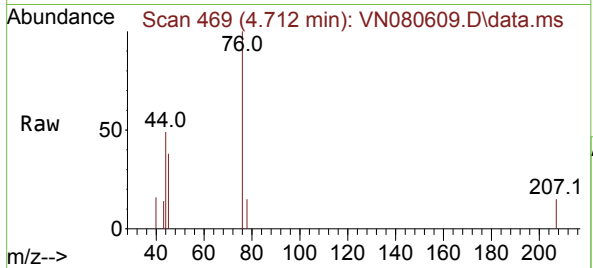




#17
Carbon Disulfide
Concen: 0.490 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

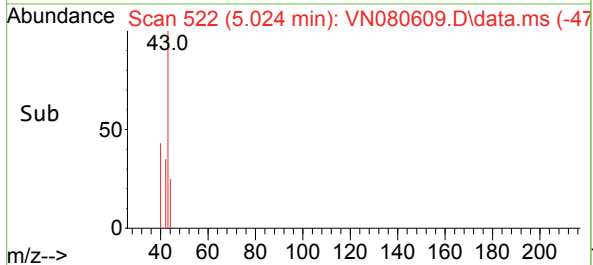
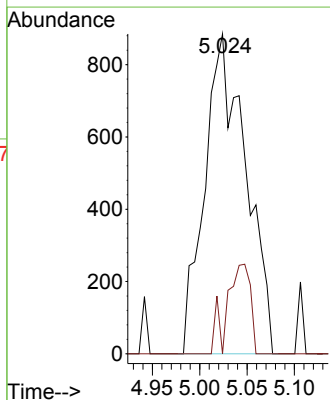
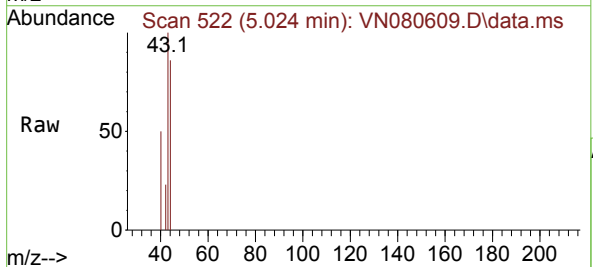
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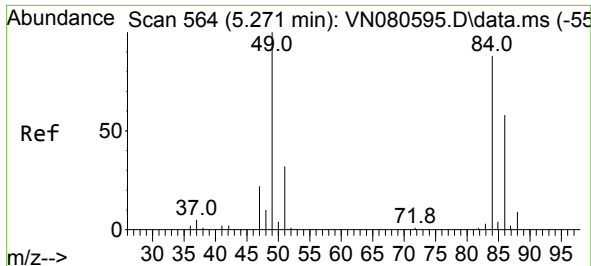
Tgt Ion: 76 Resp: 3192
Ion Ratio Lower Upper
76 100
78 14.7 7.4 11.0#



#18
Methyl Acetate
Concen: 0.529 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 43 Resp: 2676
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#

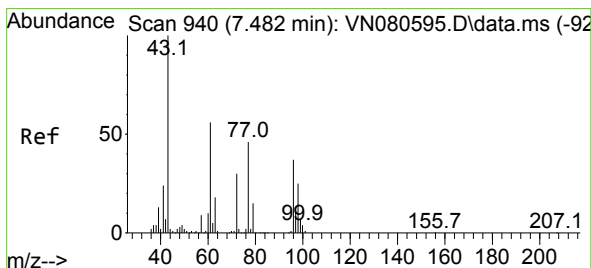
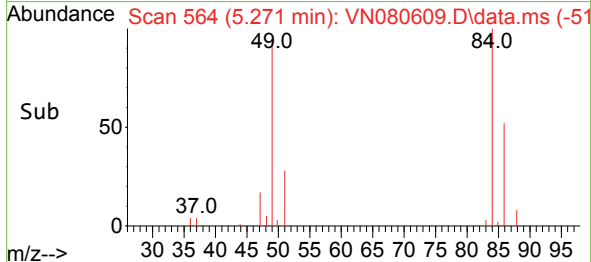
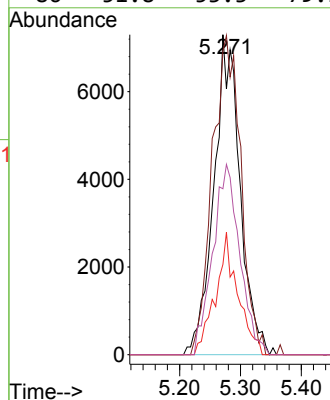
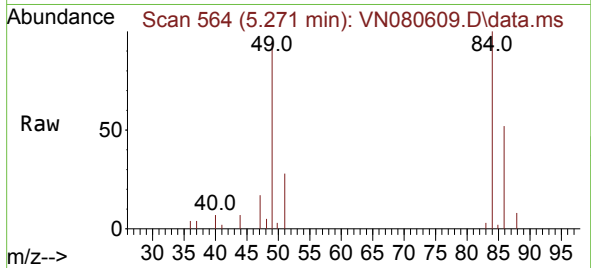




#20
Methylene Chloride
Concen: 7.475 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

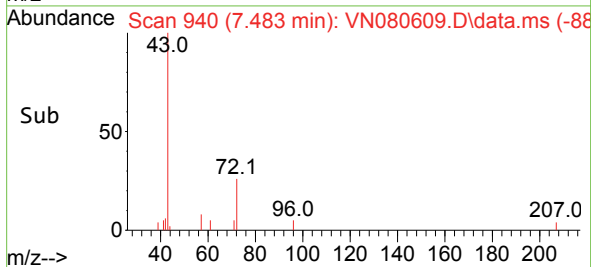
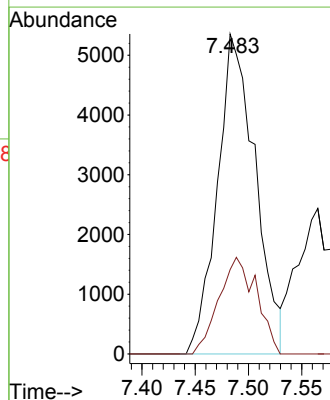
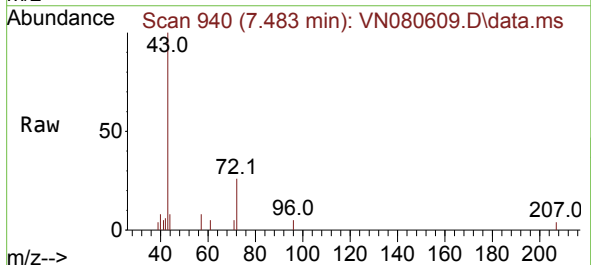
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

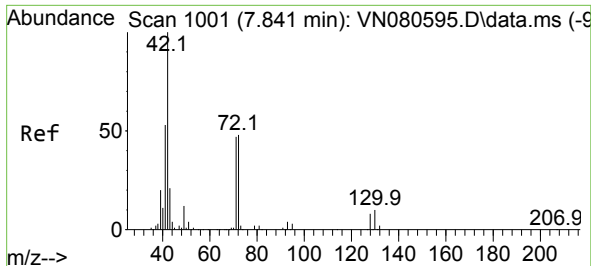
Tgt Ion:	84	Resp:	21777
Ion	Ratio	Lower	Upper
84	100		
49	94.8	79.7	119.5
51	28.2	25.2	37.8
86	51.8	53.3	79.9#



#25
2-Butanone
Concen: 7.745 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion:	43	Resp:	13216
Ion	Ratio	Lower	Upper
43	100		
72	26.3	30.2	45.2#





#29

Tetrahydrofuran

Concen: 7.465 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

PB158132ZHE#01

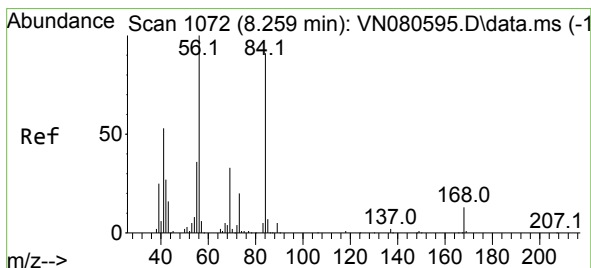
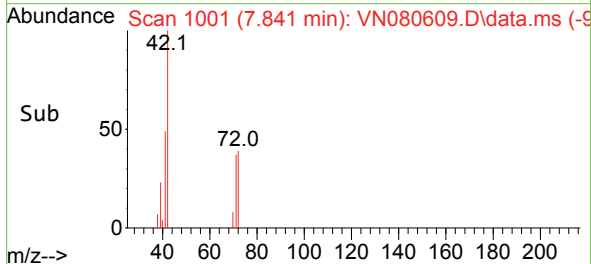
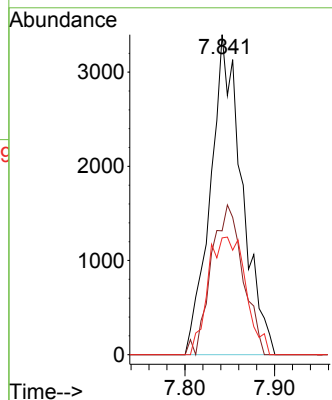
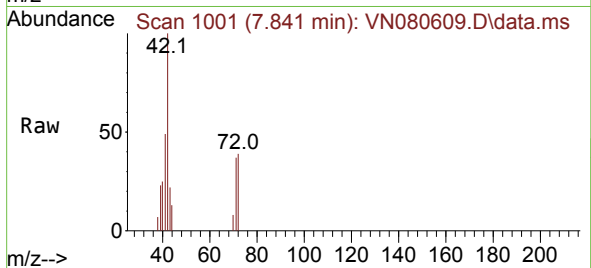
Tgt Ion: 42 Resp: 8308

Ion Ratio Lower Upper

42 100

72 47.0 49.8 74.6#

71 43.8 47.4 71.2#



#31

Cyclohexane

Concen: 1.055 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

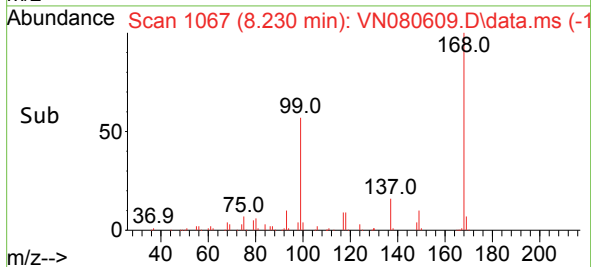
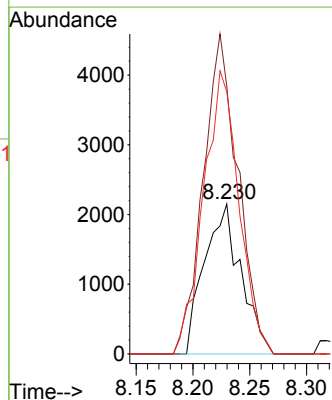
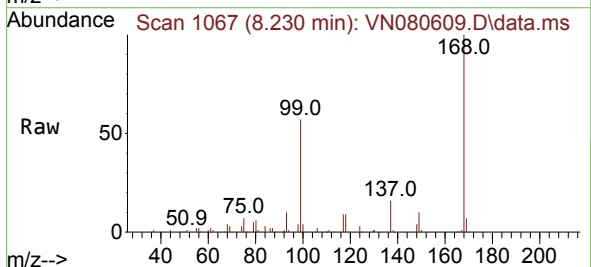
Tgt Ion: 56 Resp: 4796

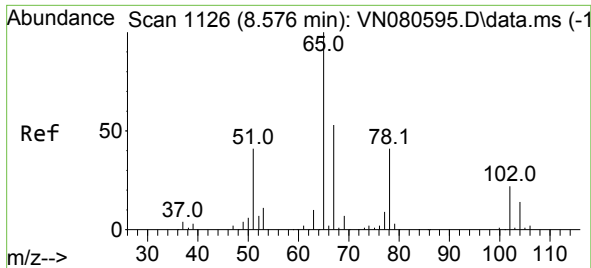
Ion Ratio Lower Upper

56 100

69 178.8 26.8 40.2#

84 175.0 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 68.625 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

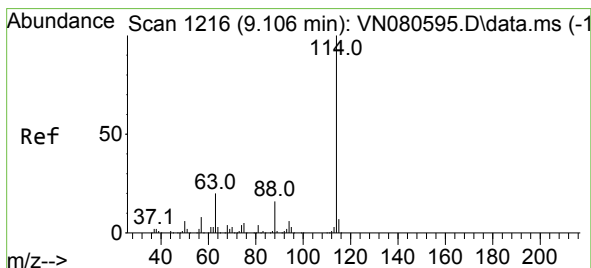
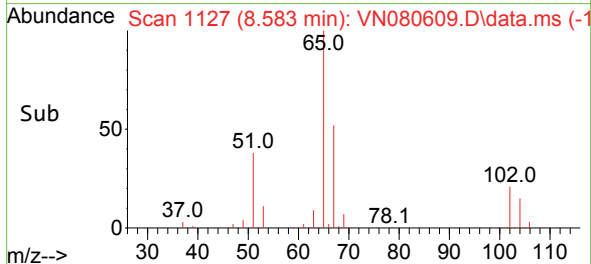
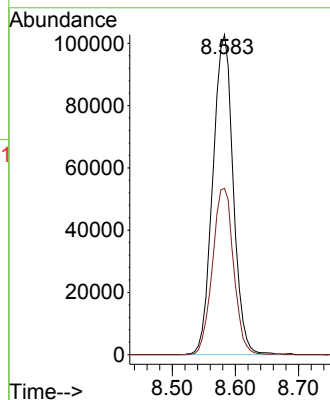
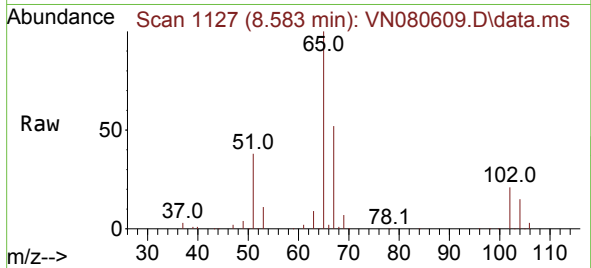
PB158132ZHE#01

Tgt Ion: 65 Resp: 230494

Ion Ratio Lower Upper

65 100

67 53.8 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: VN080609.D

Acq: 29 Dec 2023 12:48

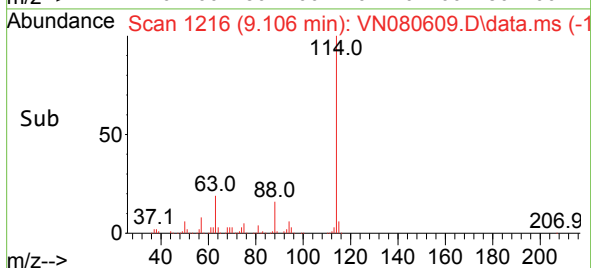
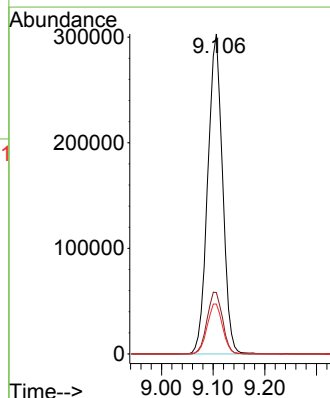
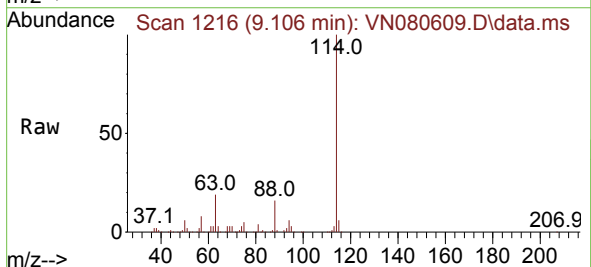
Tgt Ion: 114 Resp: 601167

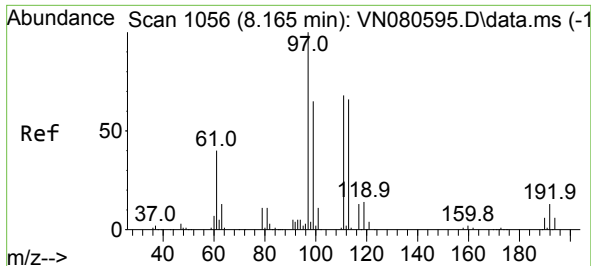
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.6 0.0 30.6

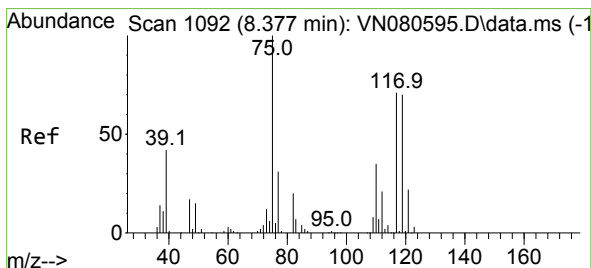
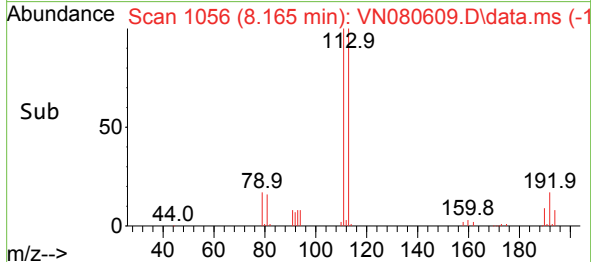
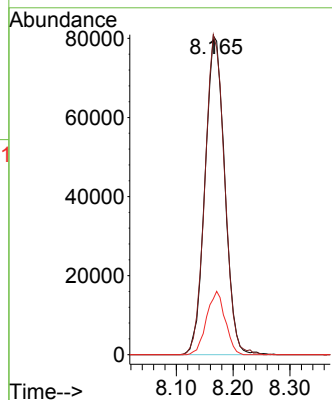
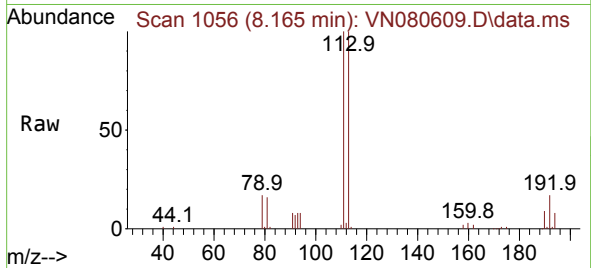




#35
Dibromofluoromethane
Concen: 49.809 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

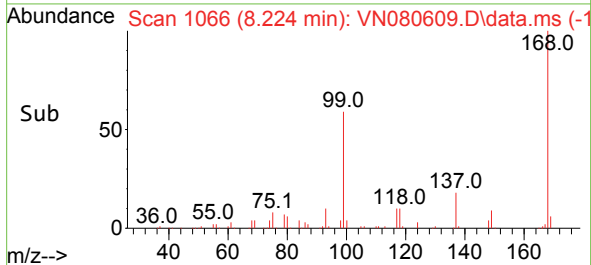
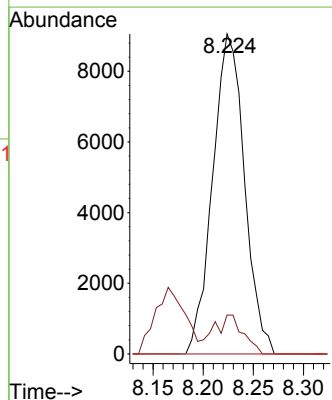
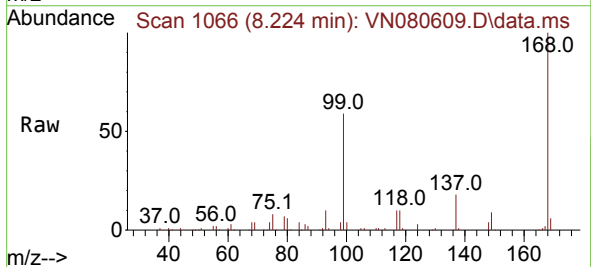
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

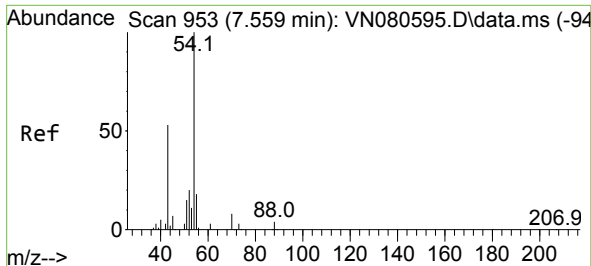
Tgt Ion:113 Resp: 193663
Ion Ratio Lower Upper
113 100
111 100.2 82.6 123.8
192 18.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 3.339 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 75 Resp: 19978
Ion Ratio Lower Upper
75 100
110 10.7 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.265 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080609.D

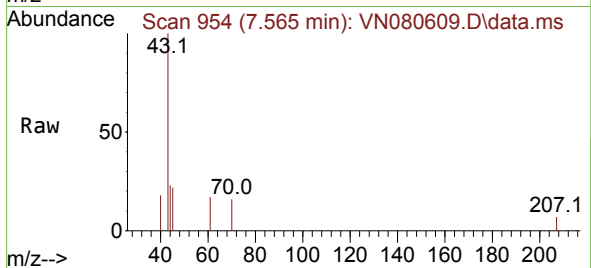
Acq: 29 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

PB158132ZHE#01



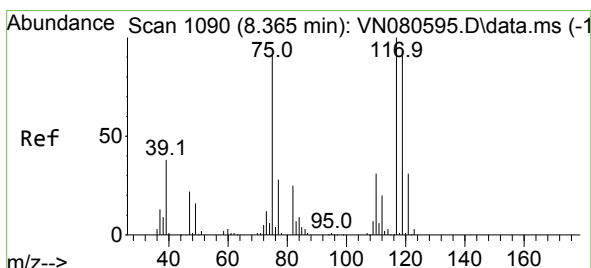
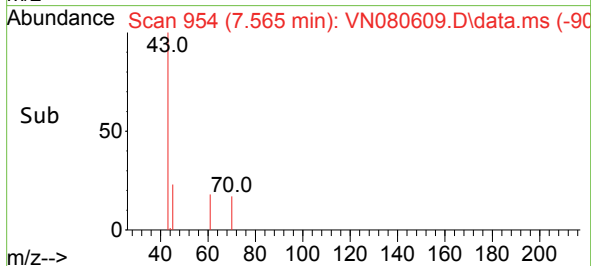
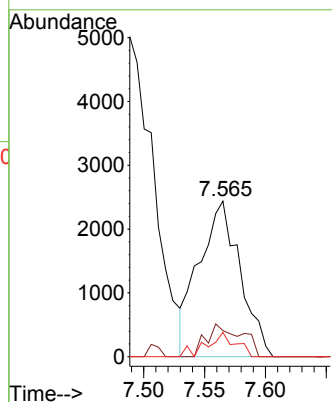
Tgt Ion: 43 Resp: 5713

Ion Ratio Lower Upper

43 100

61 17.8 13.2 19.8

70 10.8 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 4.307 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

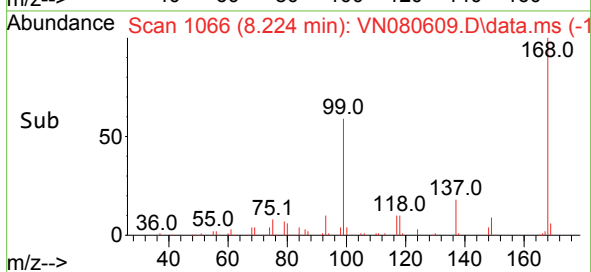
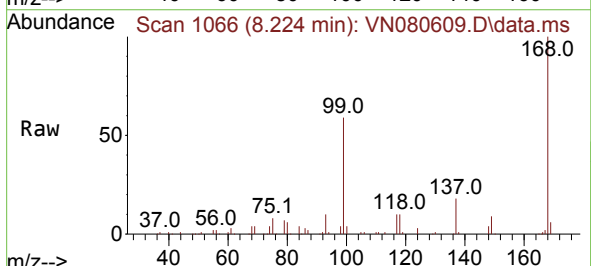
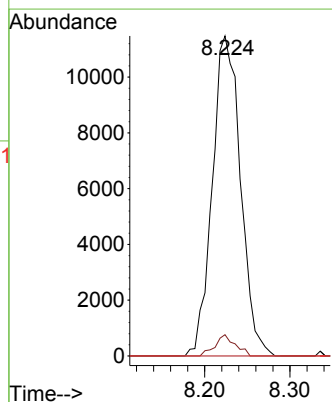
Tgt Ion: 117 Resp: 26366

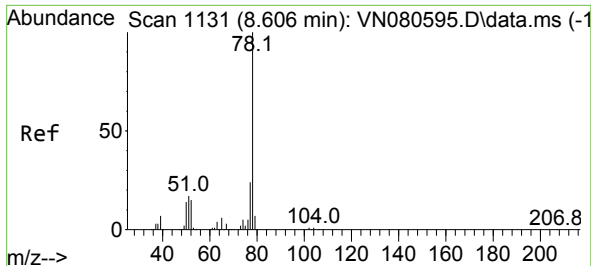
Ion Ratio Lower Upper

117 100

119 6.7 77.3 115.9#

121 0.0 23.3 34.9#

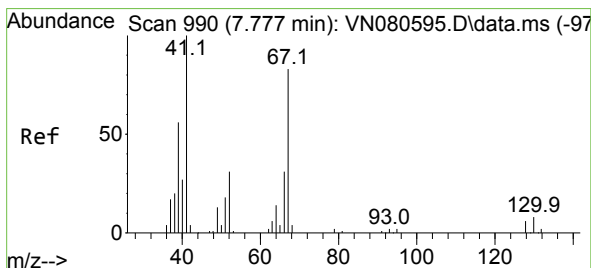
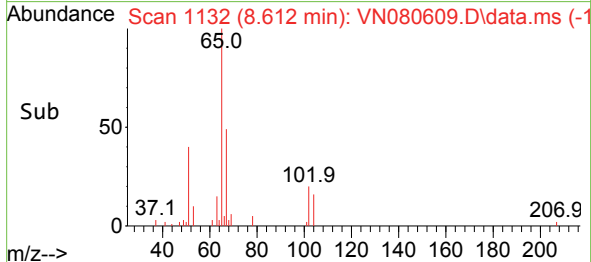
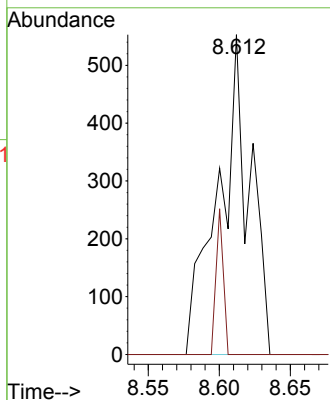
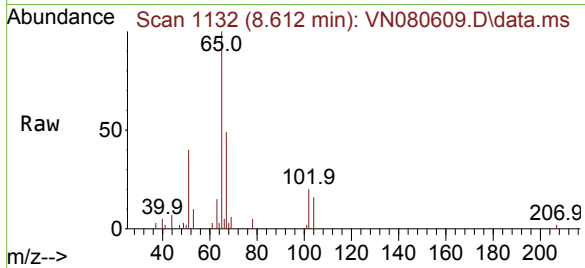




#40
Benzene
Concen: 0.420 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

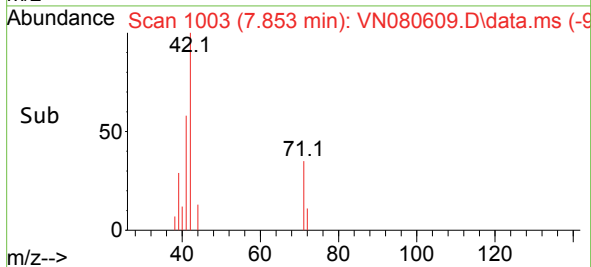
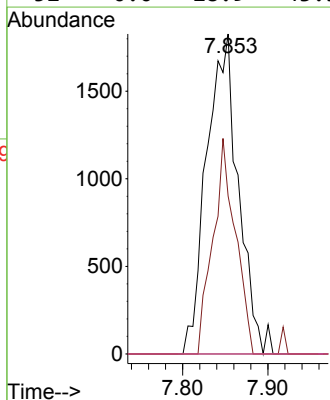
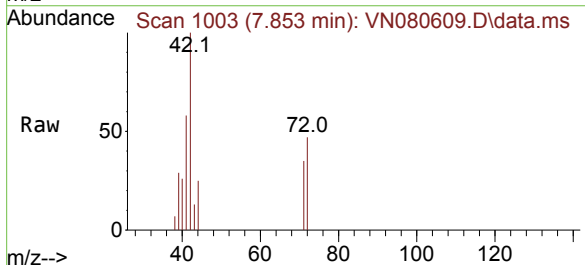
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

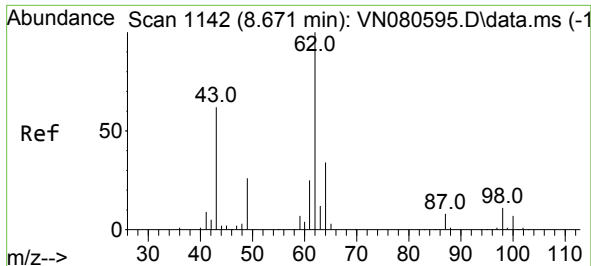
Tgt Ion: 78 Resp: 847
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.6#



#41
Methacrylonitrile
Concen: 1.698 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.077 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 41 Resp: 4727
Ion Ratio Lower Upper
41 100
39 47.7 42.6 64.0
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.409 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

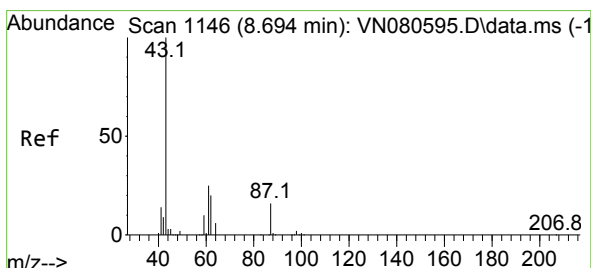
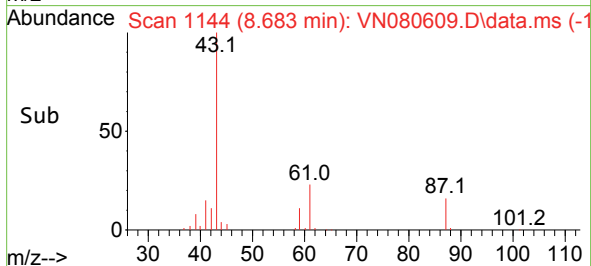
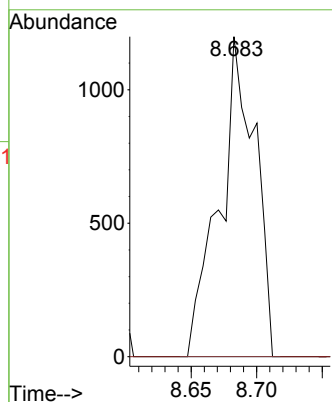
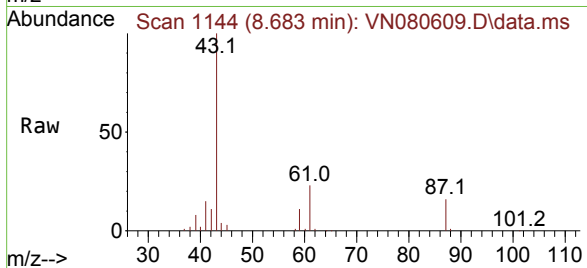
PB158132ZHE#01

Tgt Ion: 62 Resp: 2270

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 33.778 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

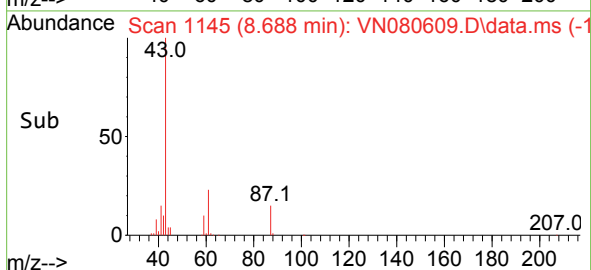
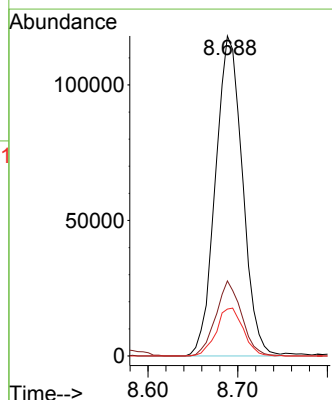
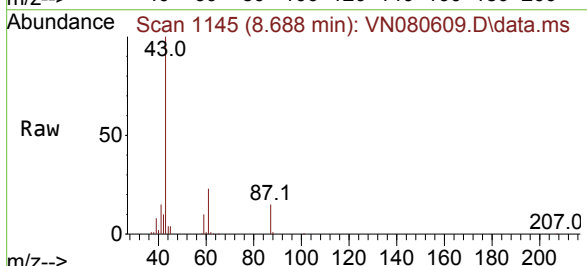
Tgt Ion: 43 Resp: 247202

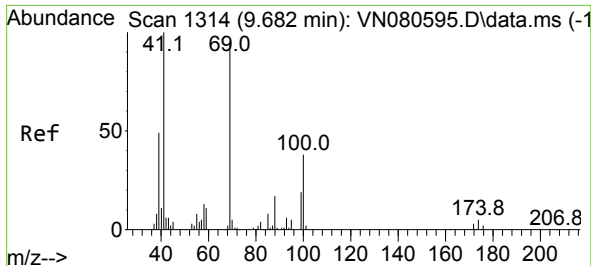
Ion Ratio Lower Upper

43 100

61 22.3 24.7 37.1#

87 14.9 14.6 21.8

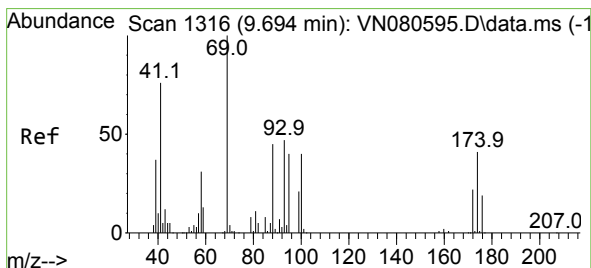
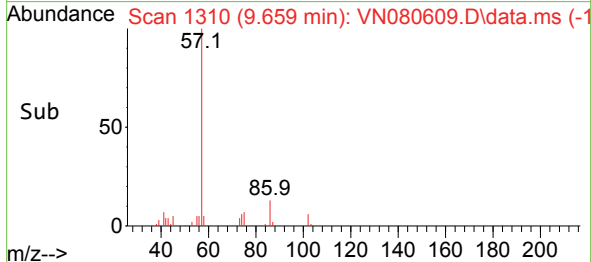
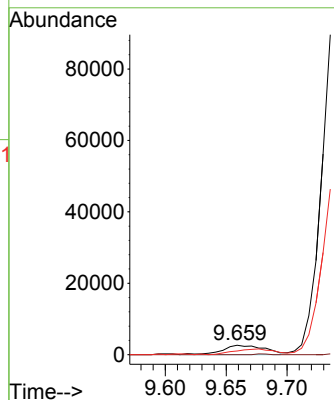
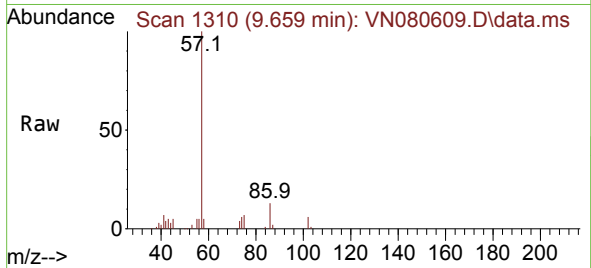




#48
Methyl methacrylate
Concen: 1.573 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.023 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

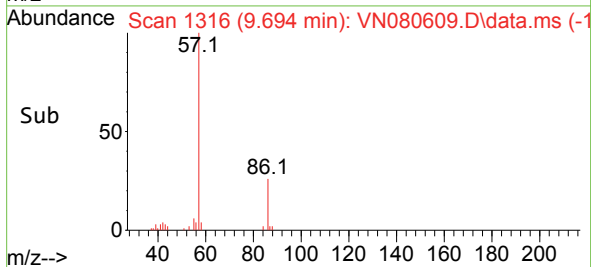
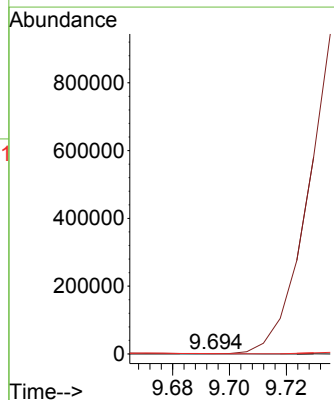
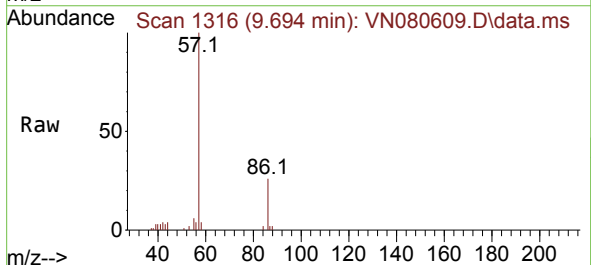
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

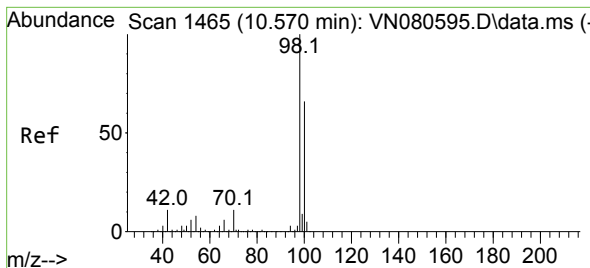
Tgt Ion: 41 Resp: 6393
Ion Ratio Lower Upper
41 100
69 2.3 90.4 135.6#
39 58.7 54.6 81.8



#49
1,4-Dioxane
Concen: 5.512 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 88 Resp: 358
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#





#50

Toluene-d8

Concen: 55.001 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

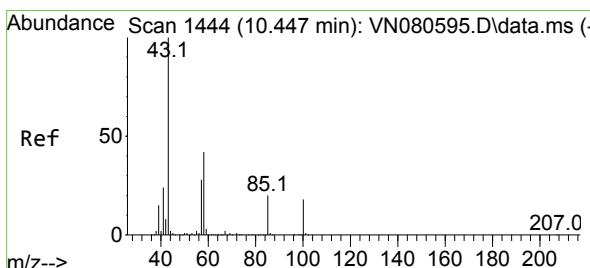
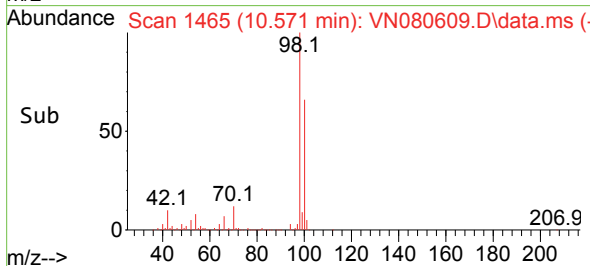
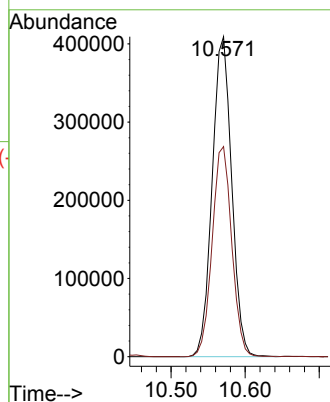
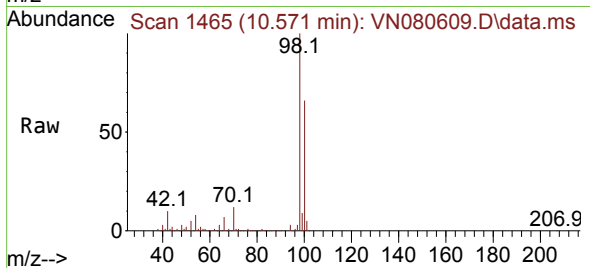
PB158132ZHE#01

Tgt Ion: 98 Resp: 746660

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 6.951 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN080609.D

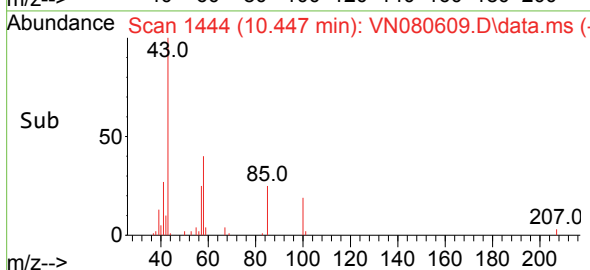
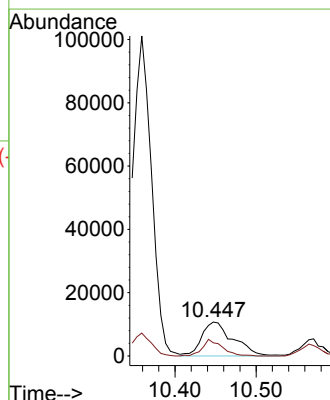
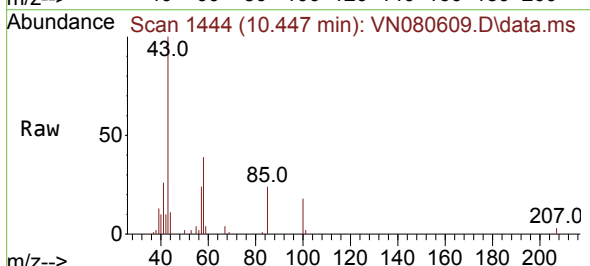
Acq: 29 Dec 2023 12:48

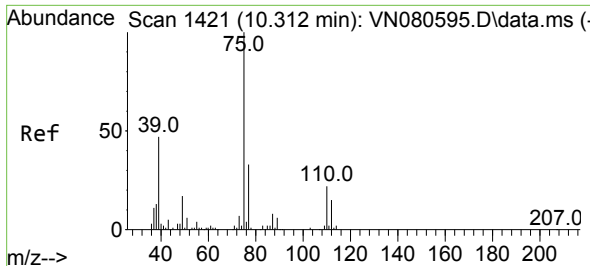
Tgt Ion: 43 Resp: 28934

Ion Ratio Lower Upper

43 100

58 30.7 36.6 54.8#

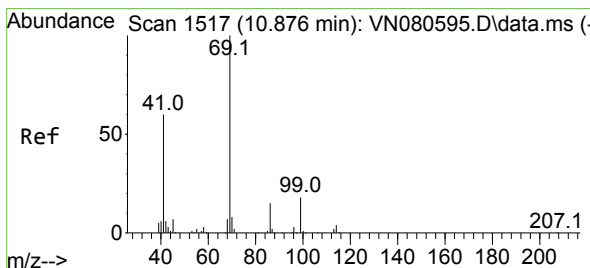
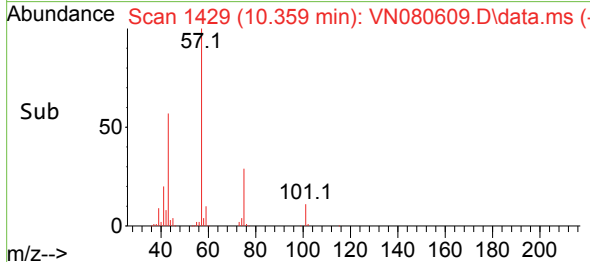
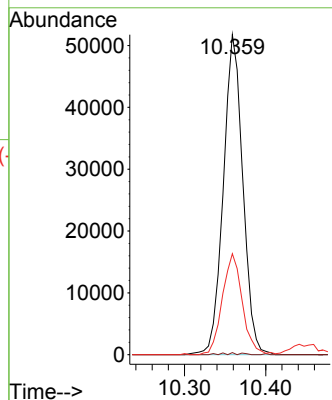
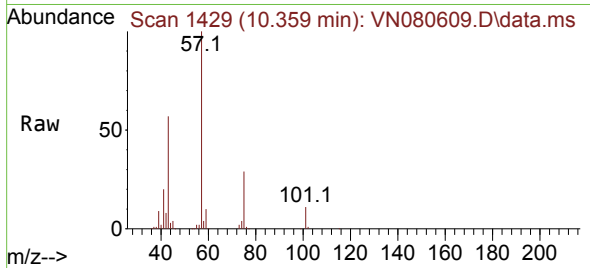




#54
 cis-1,3-Dichloropropene
 Concen: 13.357 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN080609.D
 Acq: 29 Dec 2023 12:48

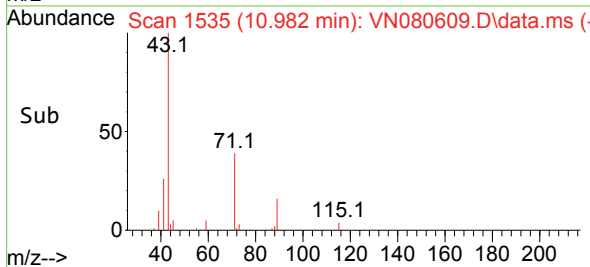
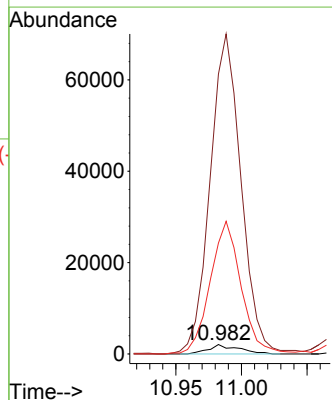
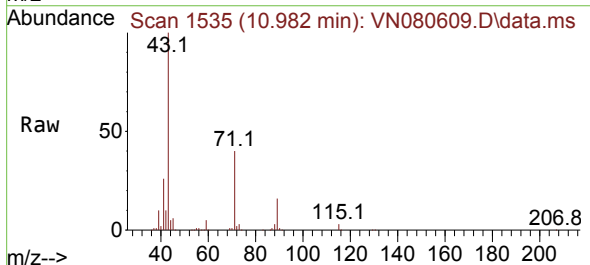
Instrument :
 MSVOA_N
 ClientSampleId :
 PB158132ZHE#01

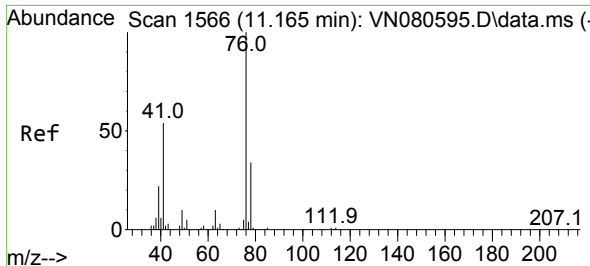
Tgt Ion: 75 Resp: 86434
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.1 39.1#
 39 31.6 31.6 47.4#



#56
 Ethyl methacrylate
 Concen: 0.890 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.106 min
 Lab File: VN080609.D
 Acq: 29 Dec 2023 12:48

Tgt Ion: 69 Resp: 3289
 Ion Ratio Lower Upper
 69 100
 41 3509.9 39.6 59.4#
 39 1452.1 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 2.060 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.036 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

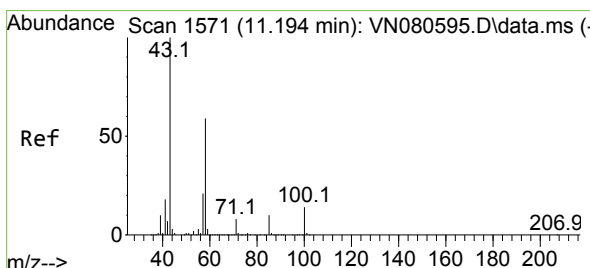
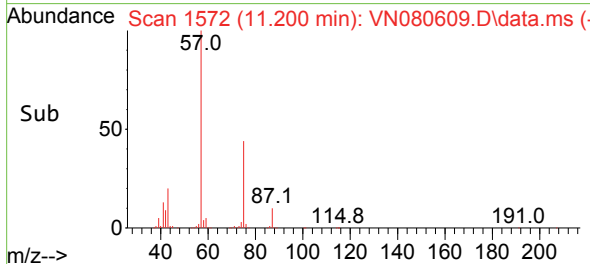
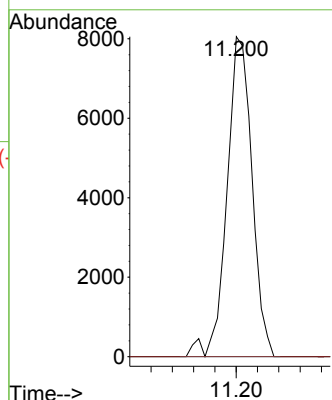
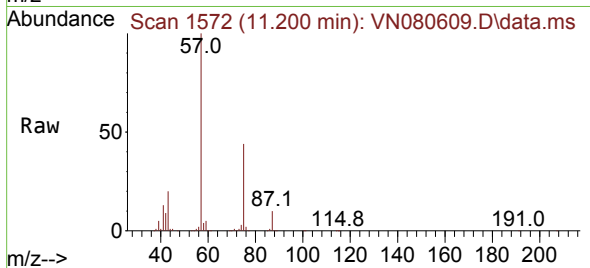
PB158132ZHE#01

Tgt Ion: 76 Resp: 13175

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 65.555 ug/l

RT: 11.177 min Scan# 1568

Delta R.T. -0.017 min

Lab File: VN080609.D

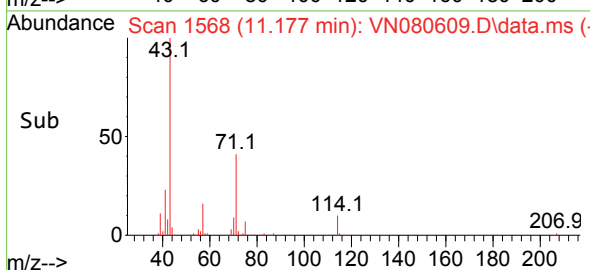
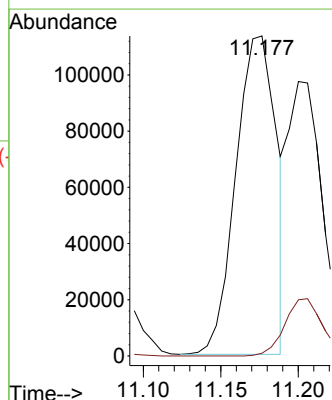
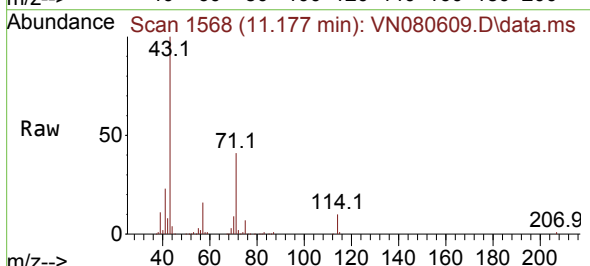
Acq: 29 Dec 2023 12:48

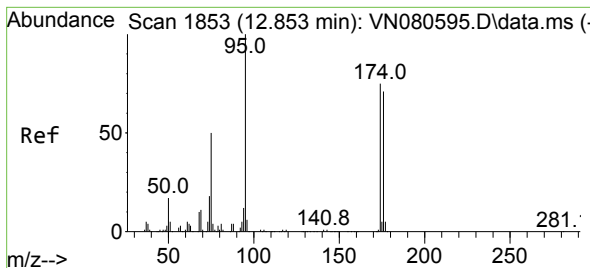
Tgt Ion: 43 Resp: 205662

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

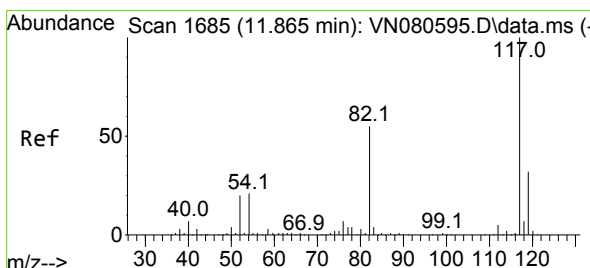
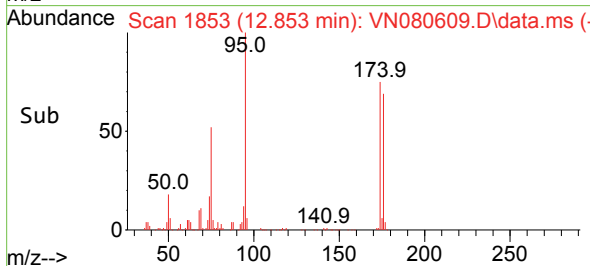
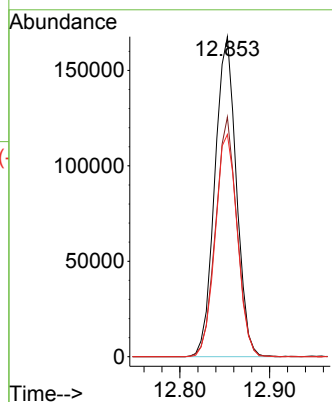
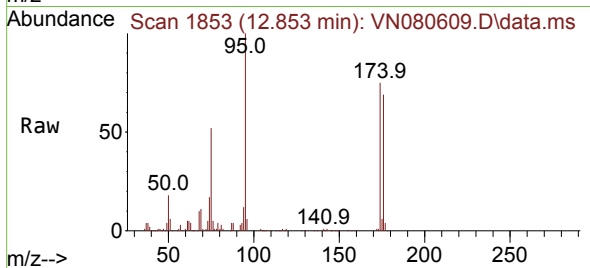




#62
4-Bromofluorobenzene
Concen: 61.014 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

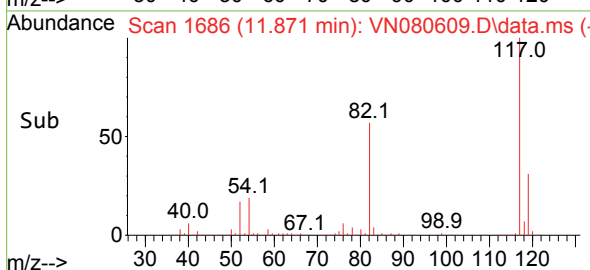
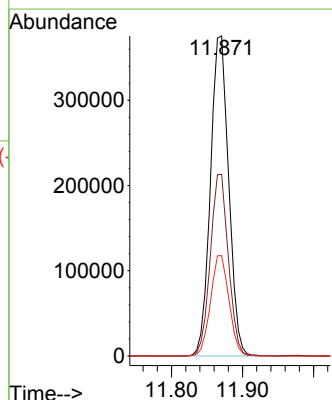
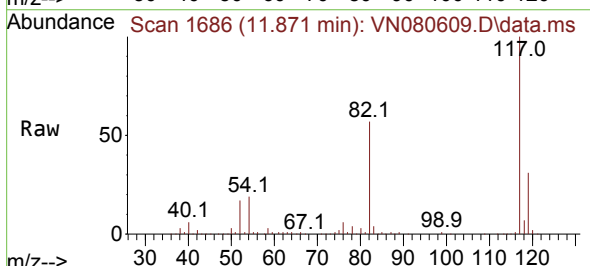
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

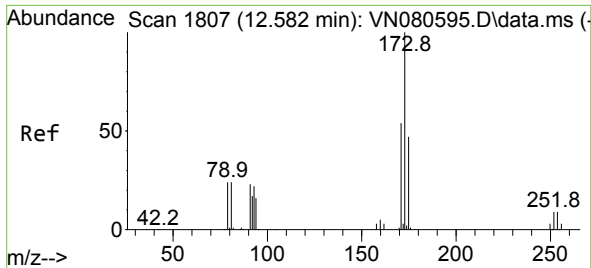
Tgt Ion: 95 Resp: 278756
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 117 Resp: 668802
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.4 25.6 38.4

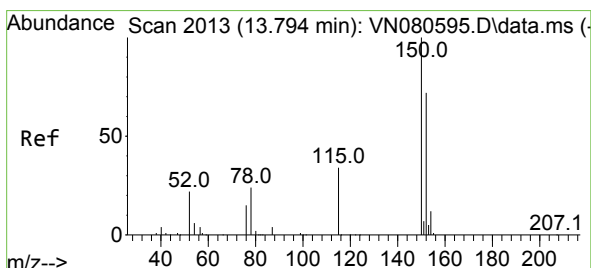
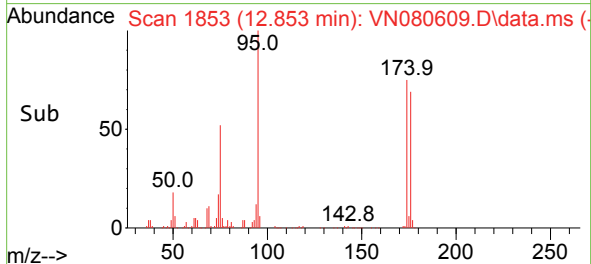
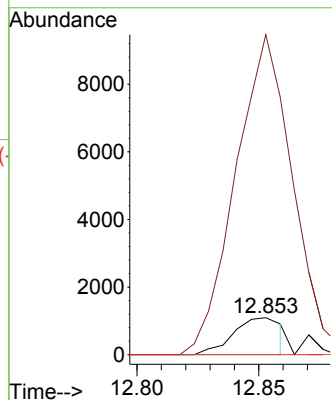
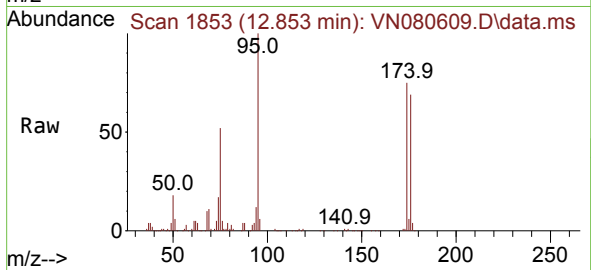




#71
Bromoform
Concen: 0.398 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

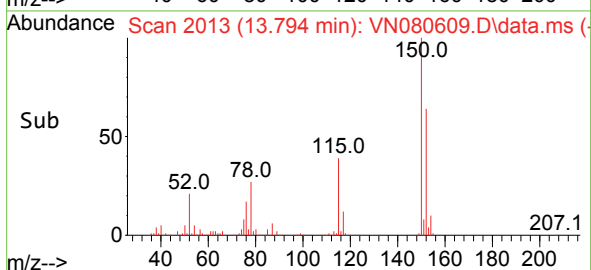
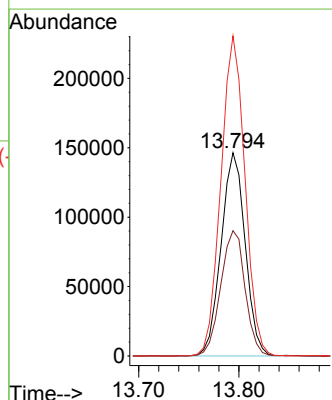
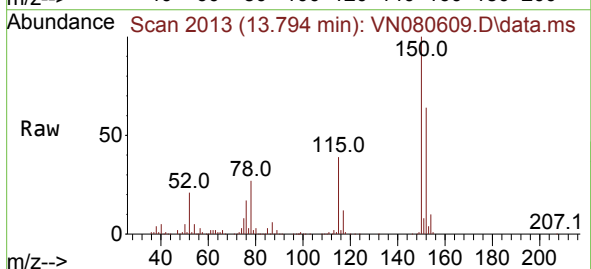
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

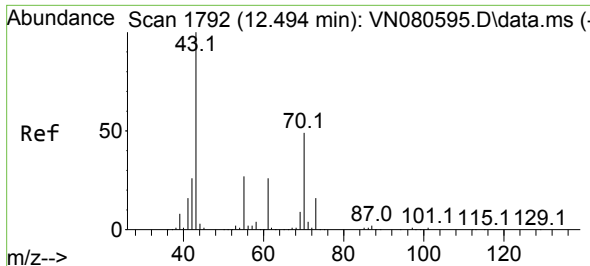
Tgt Ion:173 Resp: 1507
Ion Ratio Lower Upper
173 100
175 824.3 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion:152 Resp: 244139
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 157.4 0.0 355.8

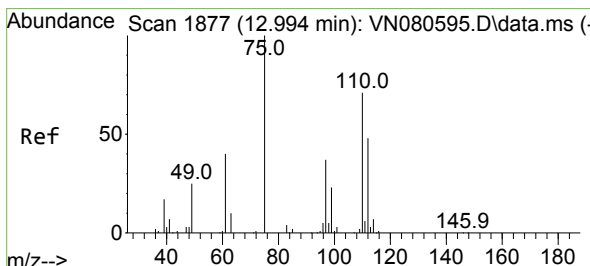
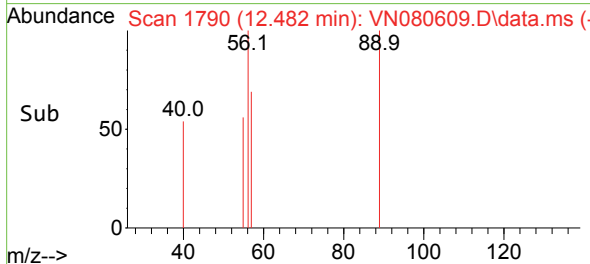
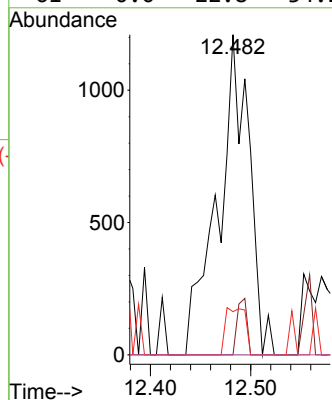
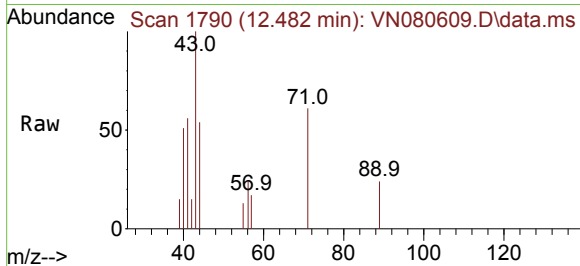




#74
N-amy1 acetate
Concen: 0.444 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

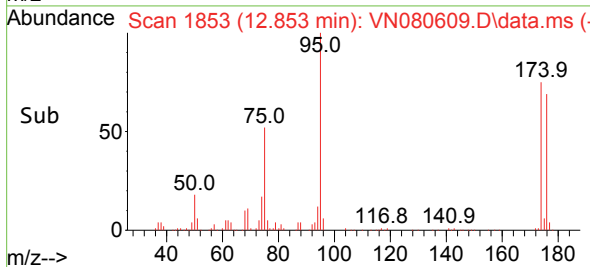
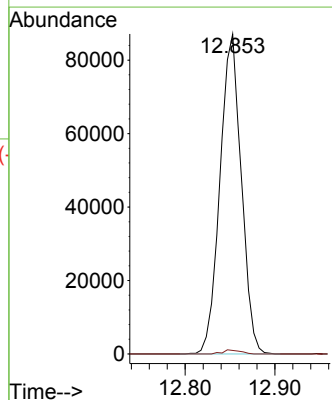
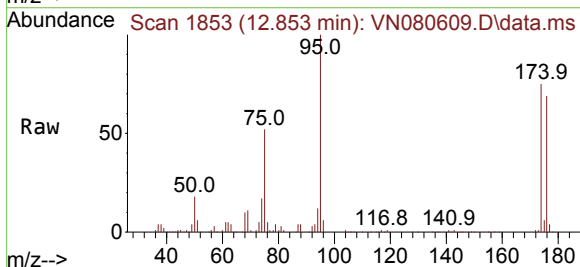
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

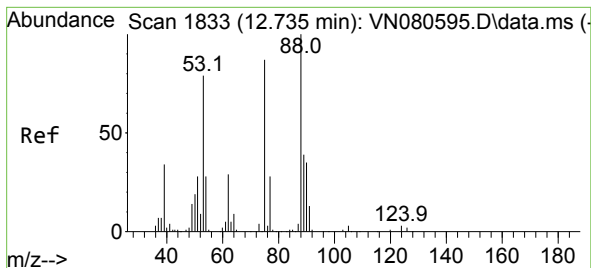
Tgt Ion:	43	Resp:	2620
Ion	Ratio	Lower	Upper
43	100		
70	5.5	43.4	65.2#
55	9.2	21.4	32.0#
61	0.0	22.8	34.2#



#76
1,2,3-Trichloropropane
Concen: 27.335 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion:	75	Resp:	143536
Ion	Ratio	Lower	Upper
75	100		
77	1.1	84.5	253.5#

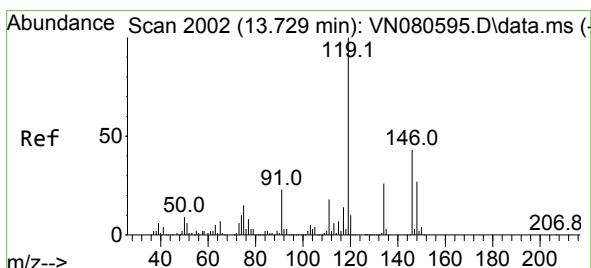
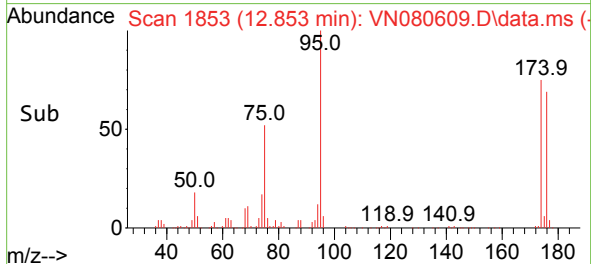
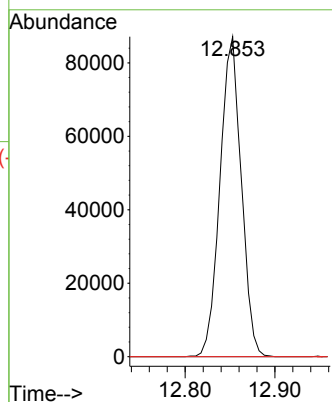
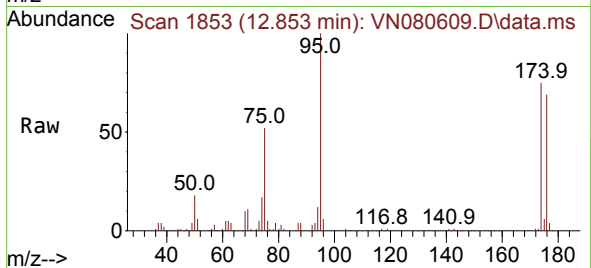




#81
trans-1,4-Dichloro-2-butene
Concen: 74.043 ug/l
RT: 12.853 min Scan# 1833
Delta R.T. 0.118 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

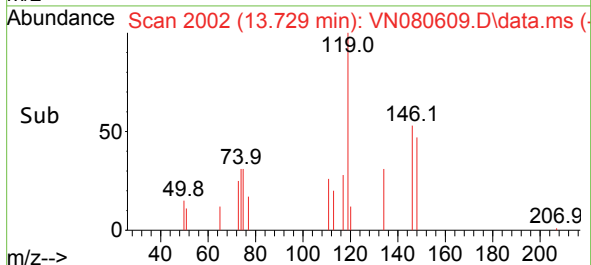
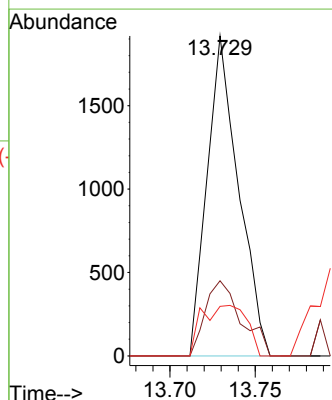
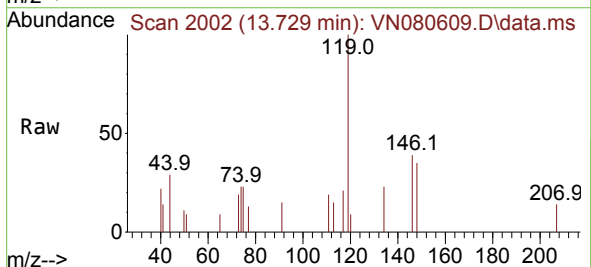
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#01

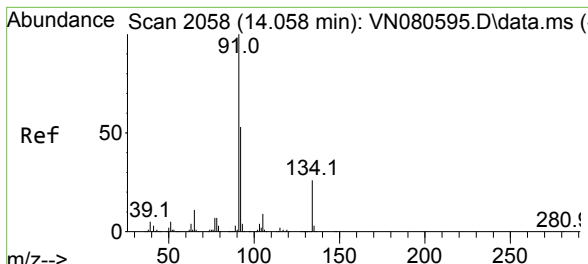
Tgt Ion: 75 Resp: 143536
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#86
p-Isopropyltoluene
Concen: 0.628 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080609.D
Acq: 29 Dec 2023 12:48

Tgt Ion: 119 Resp: 2457
Ion Ratio Lower Upper
119 100
134 26.8 12.6 37.8
91 22.5 12.4 37.2

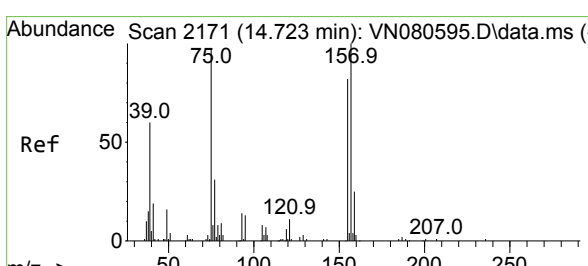
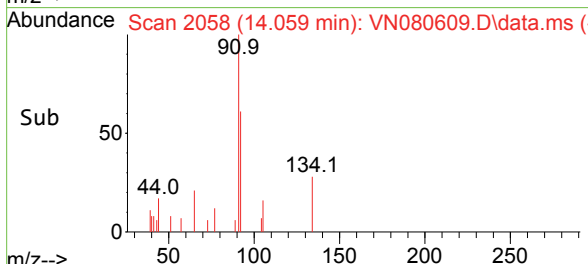
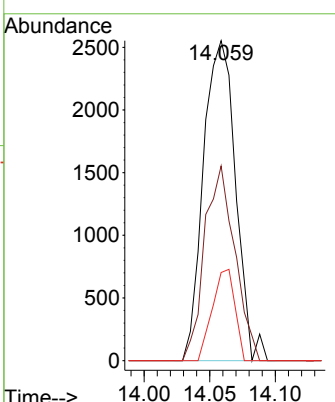
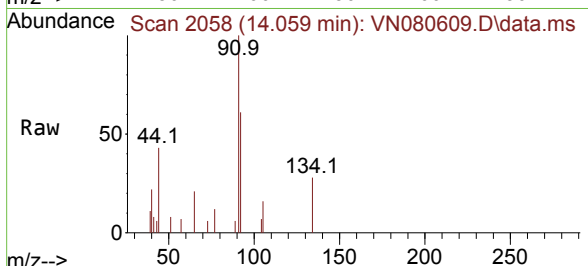




#89
 n-Butylbenzene
 Concen: 0.373 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN080609.D
 Acq: 29 Dec 2023 12:48

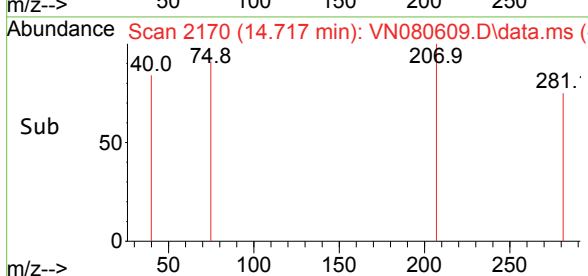
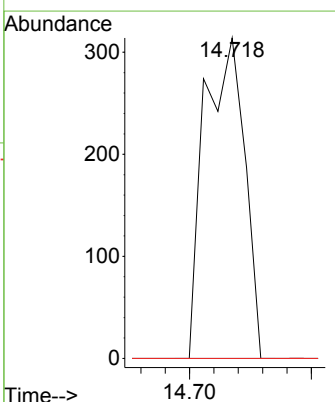
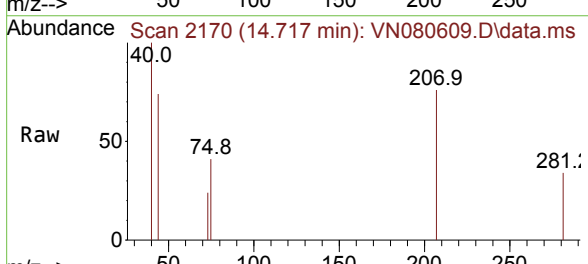
Instrument :
 MSVOA_N
 ClientSampleId :
 PB158132ZHE#01

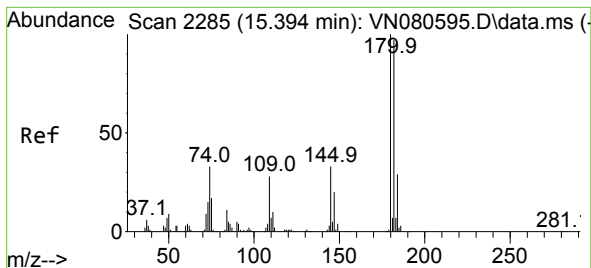
Tgt Ion:	91	Resp:	4351
Ion	Ratio	Lower	Upper
91	100		
92	57.3	26.4	79.0
134	19.9	12.6	37.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.302 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN080609.D
 Acq: 29 Dec 2023 12:48

Tgt Ion:	75	Resp:	359
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: 0.510 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

PB158132ZHE#01

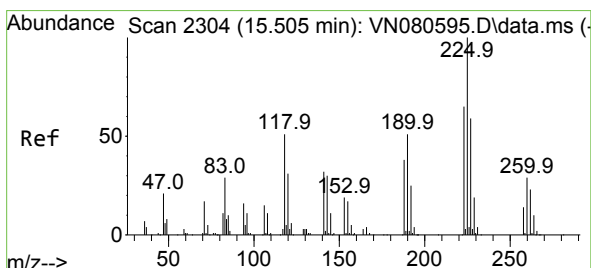
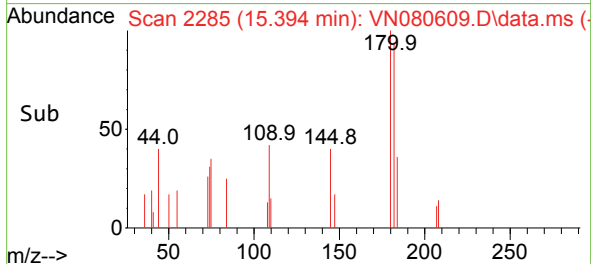
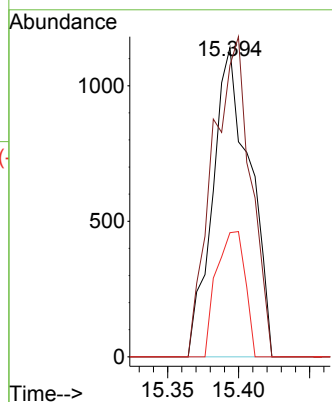
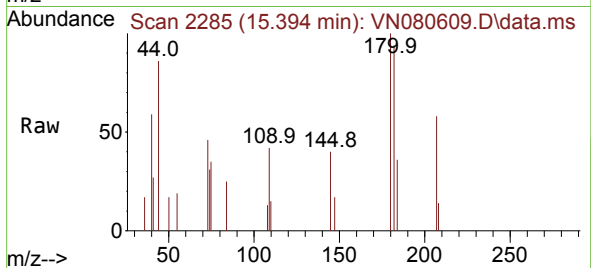
Tgt Ion:180 Resp: 2077

Ion Ratio Lower Upper

180 100

182 106.5 46.1 138.2

145 31.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.819 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

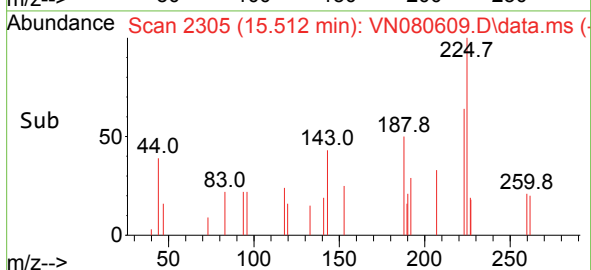
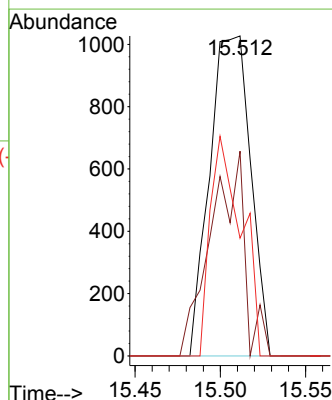
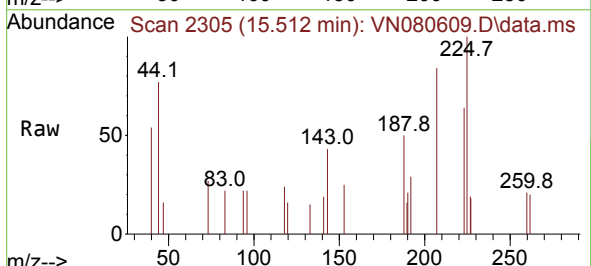
Tgt Ion:225 Resp: 1721

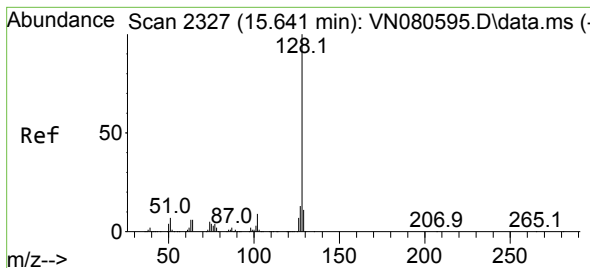
Ion Ratio Lower Upper

225 100

223 52.7 31.3 93.8

227 52.2 31.9 95.9





#95

Naphthalene

Concen: 0.451 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

PB158132ZHE#01

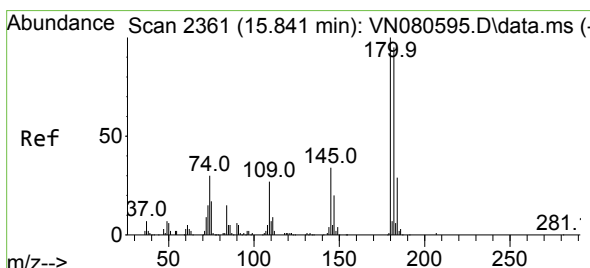
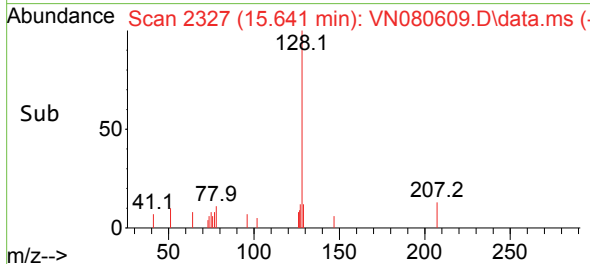
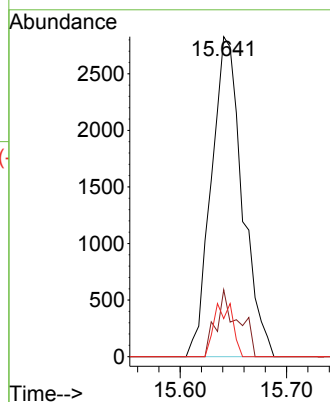
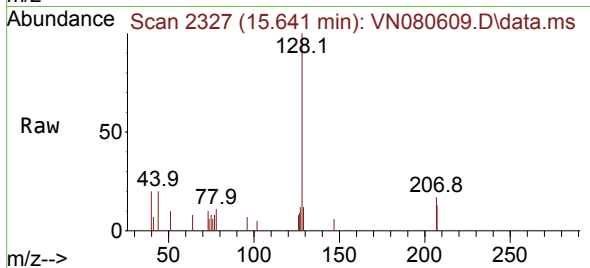
Tgt Ion:128 Resp: 5722

Ion Ratio Lower Upper

128 100

127 14.7 10.0 15.0

129 10.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.520 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080609.D

Acq: 29 Dec 2023 12:48

Tgt Ion:180 Resp: 2143

Ion Ratio Lower Upper

180 100

182 106.8 46.2 138.6

145 35.6 17.5 52.6

