

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080559.D
 Acq On : 20 Dec 2023 20:04
 Operator : JC\MD
 Sample : 05896-04
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:51:06 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	8.223	168	226239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	439378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	160535	55.556	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.120%
35) Dibromofluoromethane	8.165	113	134558	48.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	10.565	98	527016	50.425	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.853	95	225302	56.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.540%
Target Compounds						Qvalue
3) Chloromethane	2.365	50	5662	1.484	ug/l	94
6) Chloroethane	3.130	64	377	0.238	ug/l #	43
8) Diethyl Ether	3.947	74	2427	1.539	ug/l	77
11) Tert butyl alcohol	5.488	59	1413	4.152	ug/l #	72
13) Acrolein	4.177	56	129	0.346	ug/l #	74
16) Acetone	4.424	43	593468	1158.309	ug/l	99
18) Methyl Acetate	5.035	43	7631	2.315	ug/l #	58
20) Methylene Chloride	5.265	84	2511	0.916	ug/l #	76
25) 2-Butanone	7.482	43	1295	1.312	ug/l #	37
29) Tetrahydrofuran	7.847	42	203	0.287	ug/l #	20
31) Cyclohexane	8.218	56	79953	20.347	ug/l #	57
36) 1,1-Dichloropropene	8.218	75	18568	4.052	ug/l #	50
37) Ethyl Acetate	7.482	43	1295	0.451	ug/l #	78
38) Carbon Tetrachloride	8.218	117	25742	4.702	ug/l #	15
39) Methylcyclohexane	9.600	83	66376	13.944	ug/l	89
41) Methacrylonitrile	7.753	41	1449	0.876	ug/l #	20
43) Isopropyl Acetate	8.694	43	23553	4.565	ug/l #	49
45) 1,2-Dichloropropane	9.600	63	781	0.251	ug/l #	1
47) Bromodichloromethane	9.865	83	1008	0.211	ug/l #	26
48) Methyl methacrylate	9.641	41	7089	2.303	ug/l #	3
51) 4-Methyl-2-Pentanone	10.459	43	2390	0.841	ug/l #	71
52) Toluene	10.629	92	1463129	175.040	ug/l	99
53) t-1,3-Dichloropropene	10.629	75	18104	3.498	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	38220	12.707	ug/l #	22
56) Ethyl methacrylate	10.859	69	3424	1.028	ug/l #	40
59) 2-Hexanone	11.170	43	18878	9.000	ug/l #	25
67) Ethyl Benzene	11.964	91	147695	8.218	ug/l	97
68) m/p-Xylenes	12.070	106	157386	23.699	ug/l	92
69) o-Xylene	12.400	106	92648	14.263	ug/l	91
70) Styrene	12.400	104	5753	0.615	ug/l #	1
73) Isopropylbenzene	12.694	105	58306	3.474	ug/l	96
74) N-amyl acetate	12.482	43	30955	6.317	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.935	83	4885	1.086	ug/l #	28
76) 1,2,3-Trichloropropane	13.094	75	4492	1.078	ug/l #	1
78) n-propylbenzene	13.035	91	186429	10.076	ug/l	99
79) 2-Chlorotoluene	13.100	91	52859	4.376	ug/l #	43

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

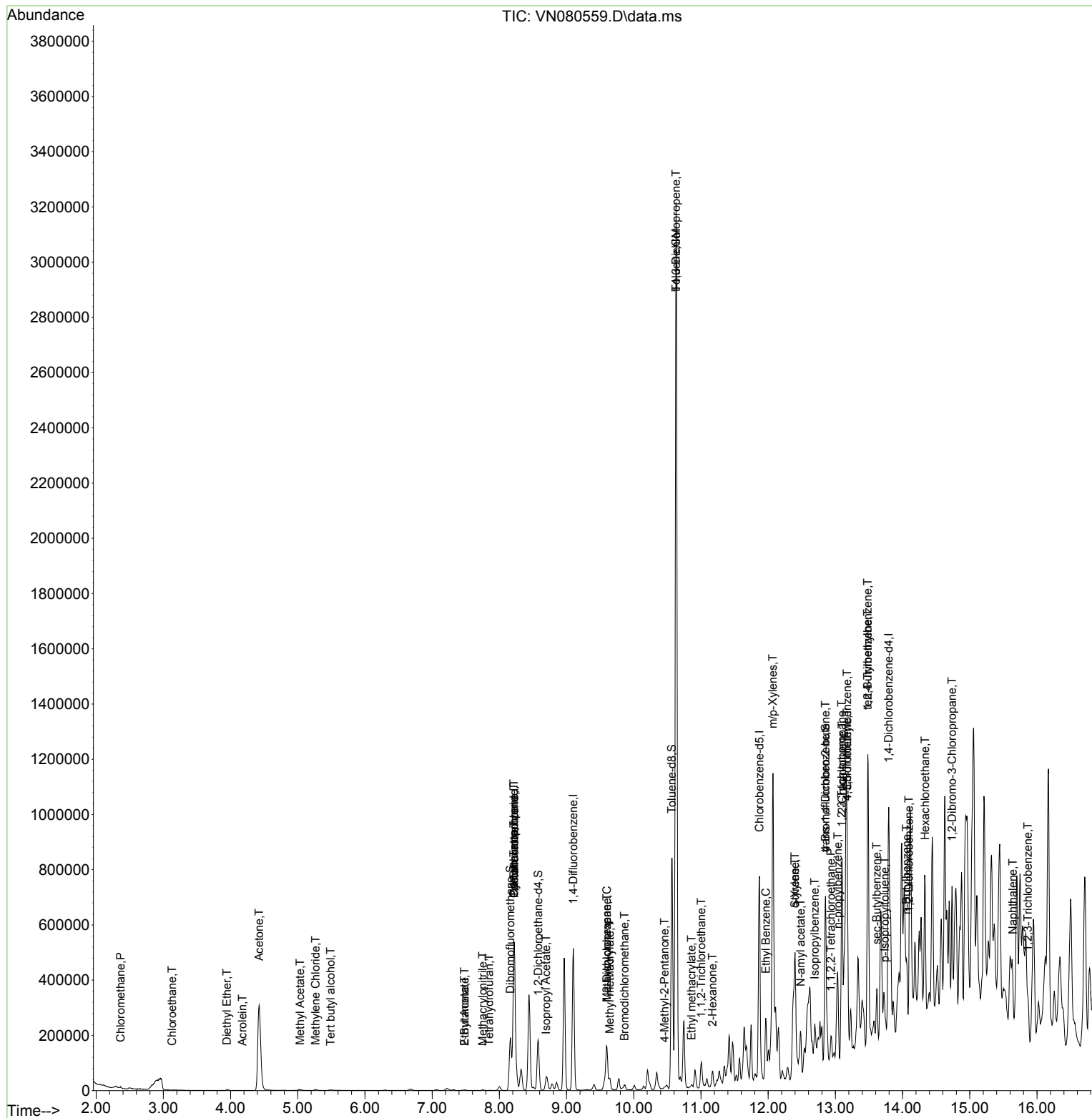
80) 1,3,5-Trimethylbenzene	13.176	105	180491	12.488	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	110926	69.886	ug/l #	16
82) 4-Chlorotoluene	13.176	91	22239	1.791	ug/l #	56
83) tert-Butylbenzene	13.482	119	73648	6.222	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.482	105	639674	44.490	ug/l	98
85) sec-Butylbenzene	13.617	105	98498	6.505	ug/l	88
86) p-Isopropyltoluene	13.735	119	57582	4.212	ug/l	99
89) n-Butylbenzene	14.058	91	141743	12.415	ug/l #	83
90) Hexachloroethane	14.335	117	24731	11.391	ug/l #	21
91) 1,2-Dichlorobenzene	14.094	146	1579	0.229	ug/l #	24
92) 1,2-Dibromo-3-Chloropr...	14.735	75	855	0.904	ug/l	69
95) Naphthalene	15.641	128	55200	4.740	ug/l	97
96) 1,2,3-Trichlorobenzene	15.864	180	2370	0.640	ug/l #	13

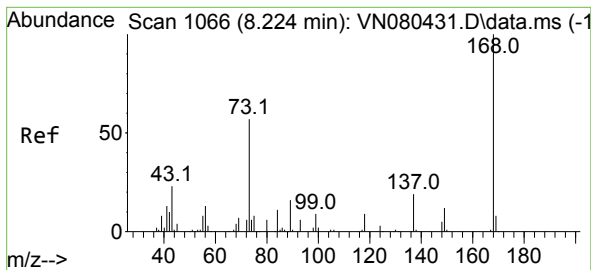
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.223 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Instrument :

MSVOA_N

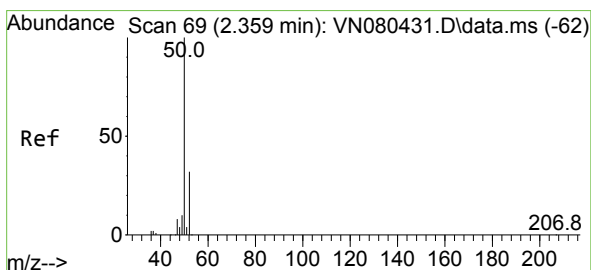
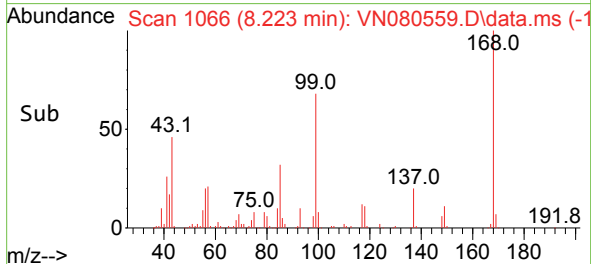
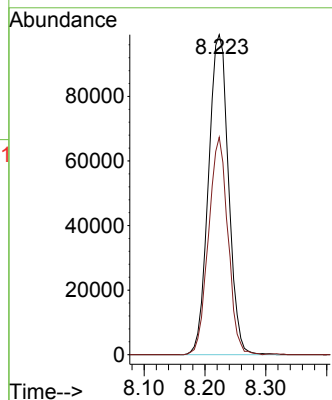
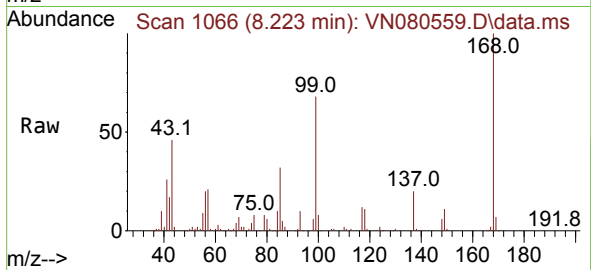
ClientSampleId :

Tgt Ion:168 Resp: 226239

Ion Ratio Lower Upper

168 100

99 67.9 53.0 79.6



#3

Chloromethane

Concen: 1.484 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080559.D

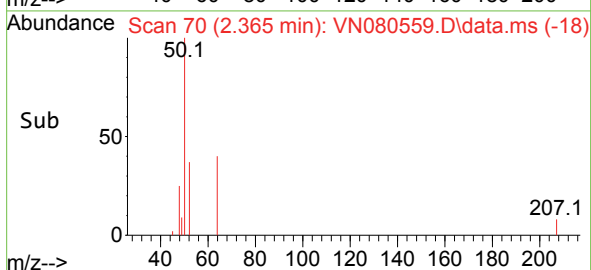
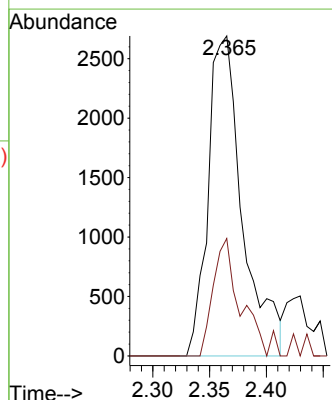
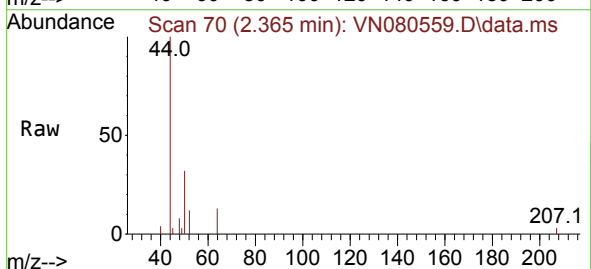
Acq: 20 Dec 2023 20:04

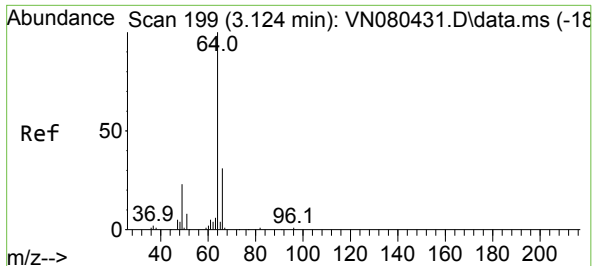
Tgt Ion: 50 Resp: 5662

Ion Ratio Lower Upper

50 100

52 36.7 26.5 39.7

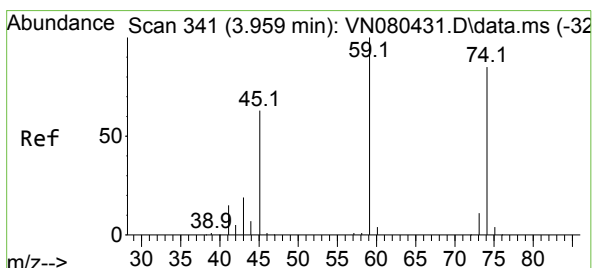
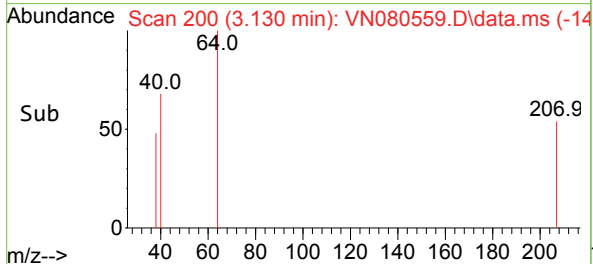
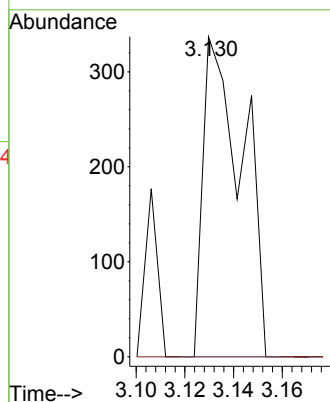
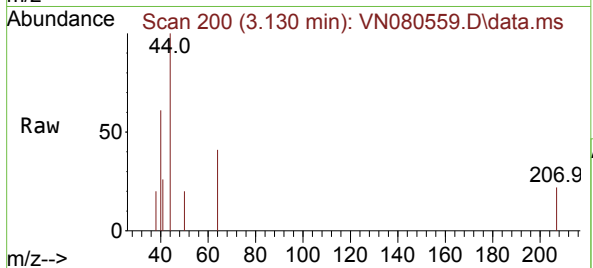




#6
Chloroethane
Concen: 0.238 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

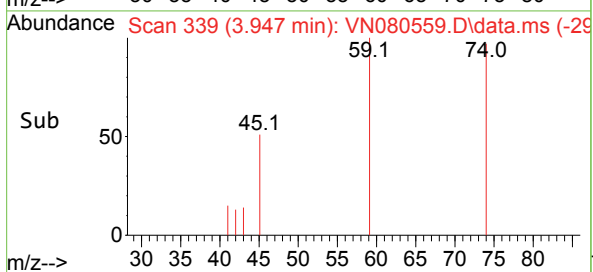
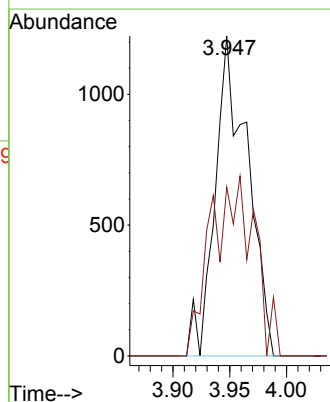
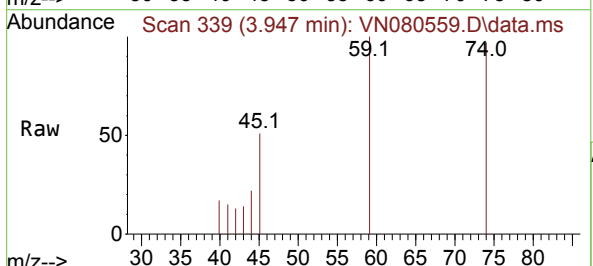
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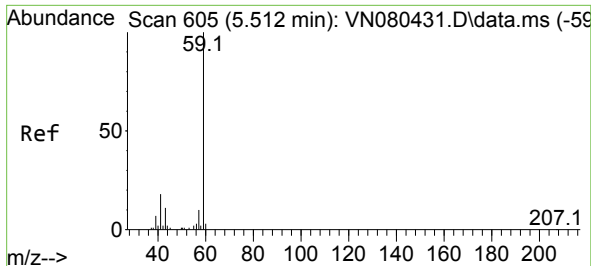
Tgt Ion: 64 Resp: 377
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#8
Diethyl Ether
Concen: 1.539 ug/l
RT: 3.947 min Scan# 339
Delta R.T. -0.012 min
Lab File: VN080559.D
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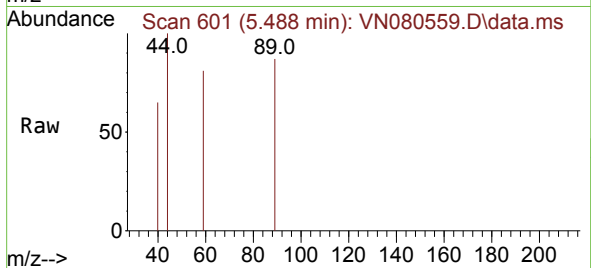
Tgt Ion: 74 Resp: 2427
Ion Ratio Lower Upper
74 100
45 49.9 34.4 103.3



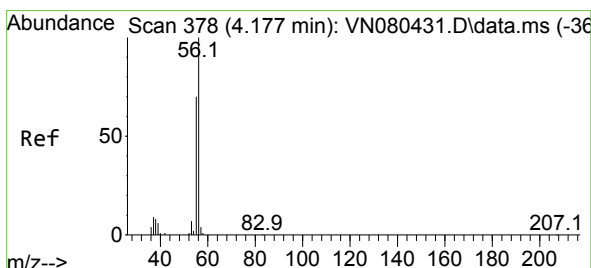
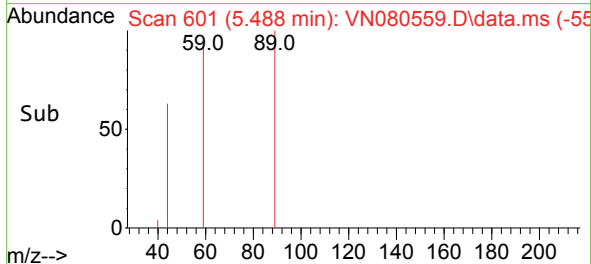
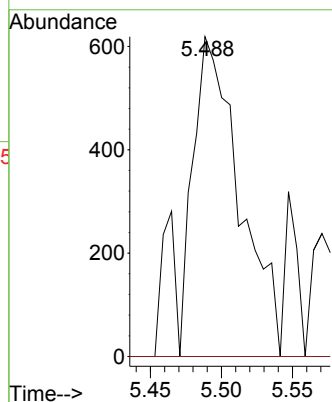


#11
Tert butyl alcohol
Concen: 4.152 ug/l
RT: 5.488 min Scan# 605
Delta R.T. -0.024 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :

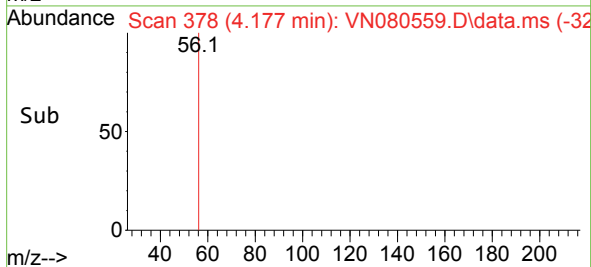
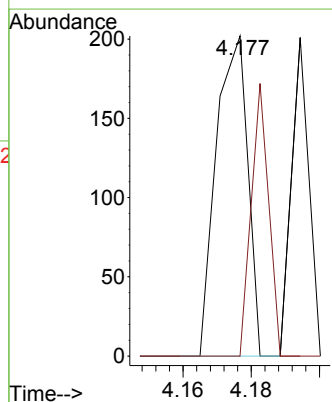
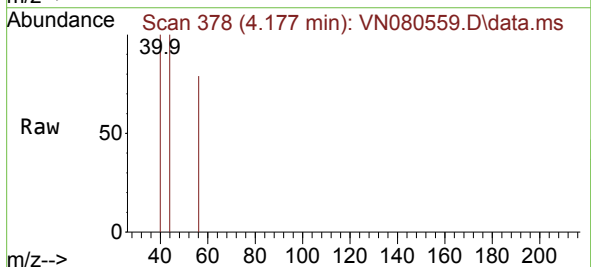


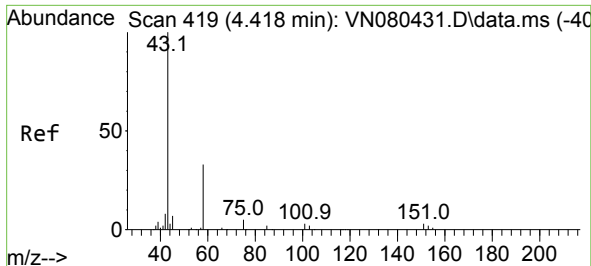
Tgt Ion: 59 Resp: 1413
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.346 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 47.3 54.5 81.7#

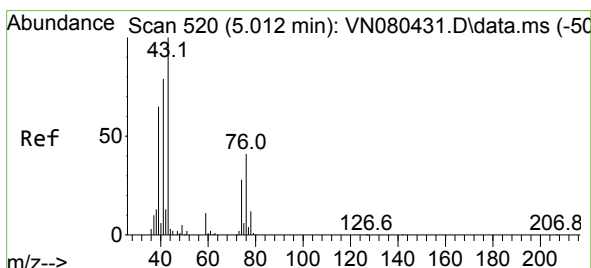
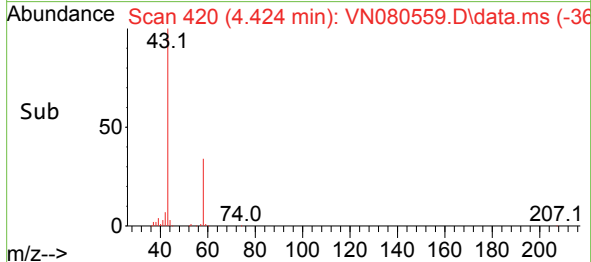
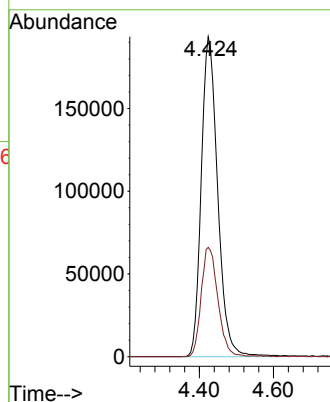
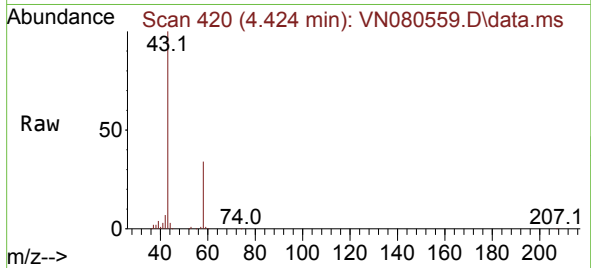




#16
Acetone
Concen: 1158.309 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

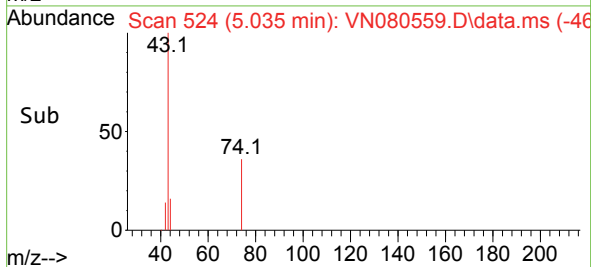
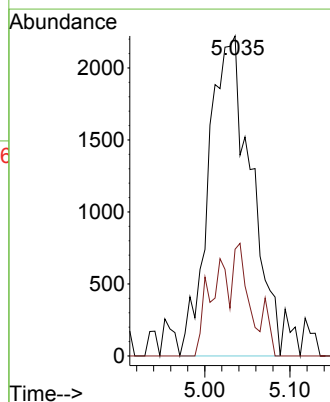
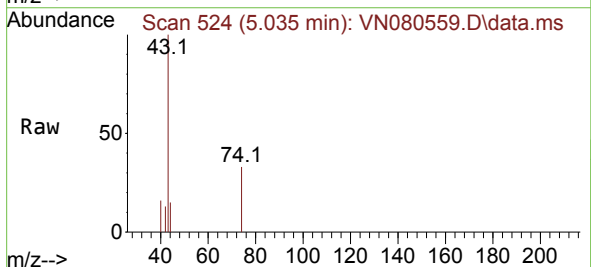
Instrument :
MSVOA_N
ClientSampleId :

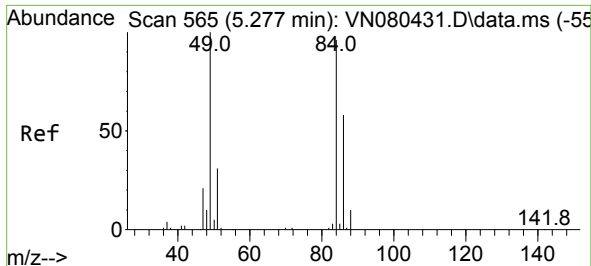
Tgt Ion: 43 Resp: 593468
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0



#18
Methyl Acetate
Concen: 2.315 ug/l
RT: 5.035 min Scan# 524
Delta R.T. 0.023 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

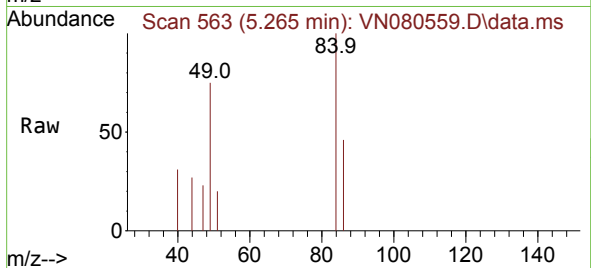
Tgt Ion: 43 Resp: 7631
Ion Ratio Lower Upper
43 100
74 8.9 26.2 39.4#



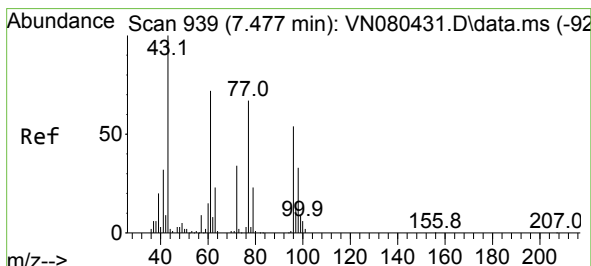
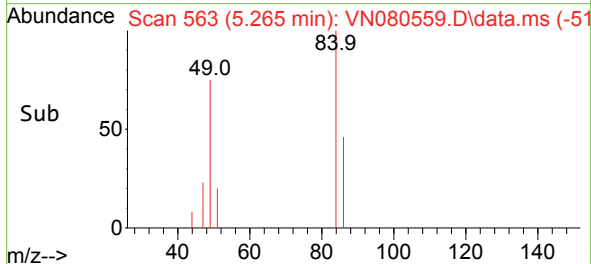
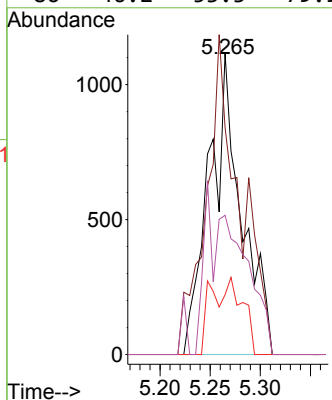


#20
Methylene Chloride
Concen: 0.916 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

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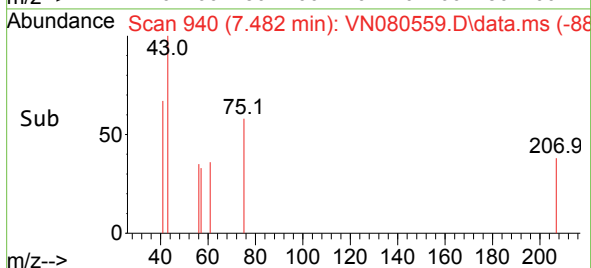
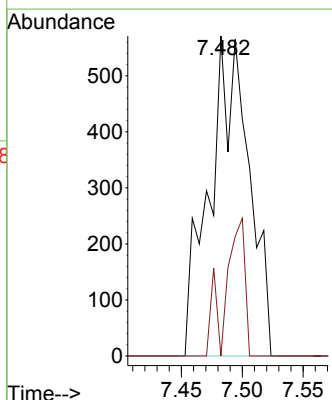
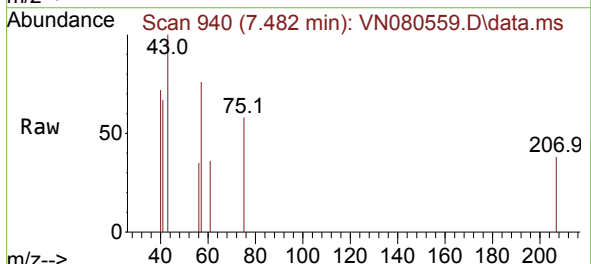


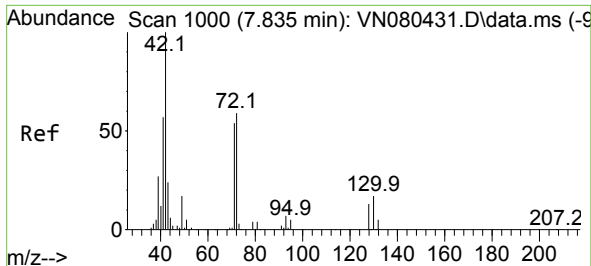
Tgt Ion:	84	Resp:	2511
Ion	Ratio	Lower	Upper
84	100		
49	75.4	79.7	119.5#
51	19.9	25.2	37.8#
86	46.2	53.3	79.9#



#25
2-Butanone
Concen: 1.312 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion:	43	Resp:	1295
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#





#29

Tetrahydrofuran

Concen: 0.287 ug/l

RT: 7.847 min Scan# 1065

Delta R.T. 0.012 min

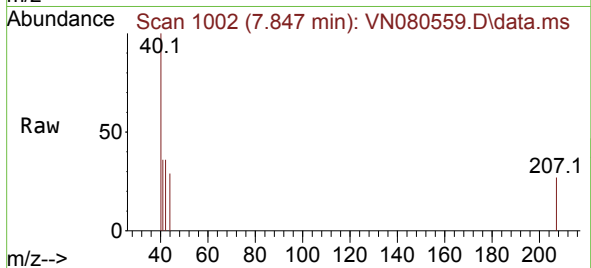
Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

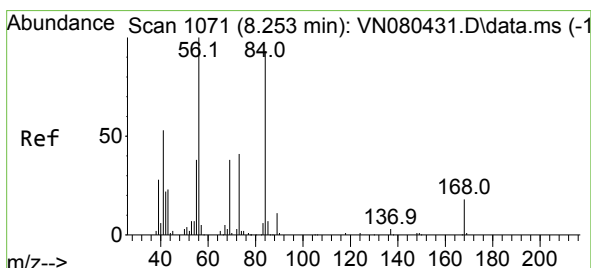
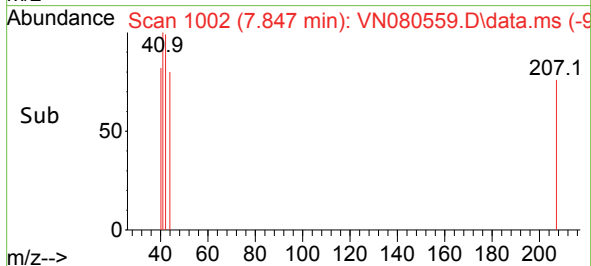
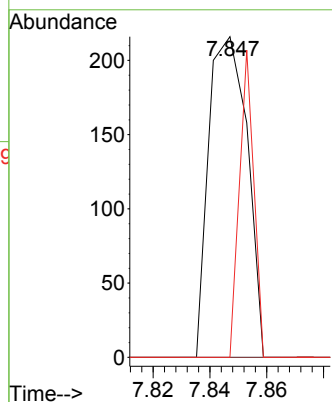
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Tgt Ion:	42	Resp:	203
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



#31

Cyclohexane

Concen: 20.347 ug/l

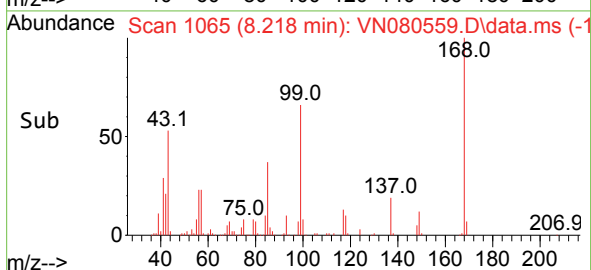
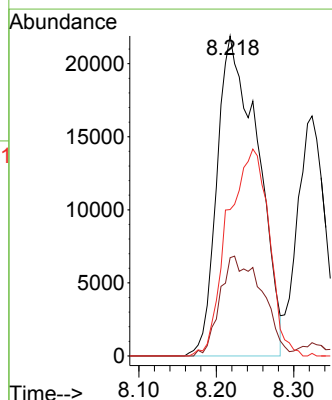
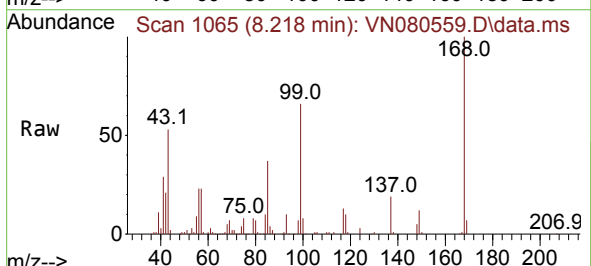
RT: 8.218 min Scan# 1065

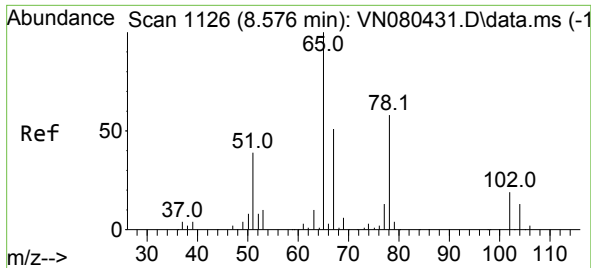
Delta R.T. -0.035 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Tgt Ion:	56	Resp:	79953
Ion	Ratio	Lower	Upper
56	100		
69	30.7	26.8	40.2
84	45.7	81.8	122.6#

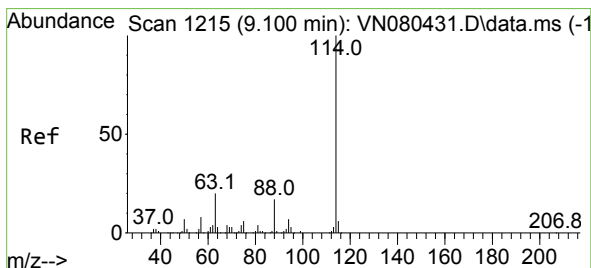
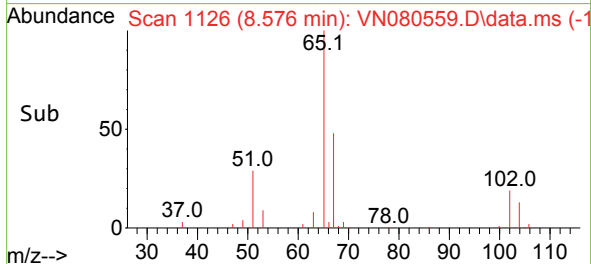
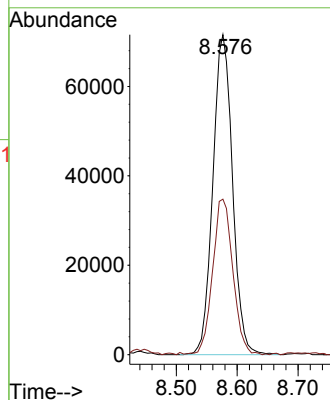
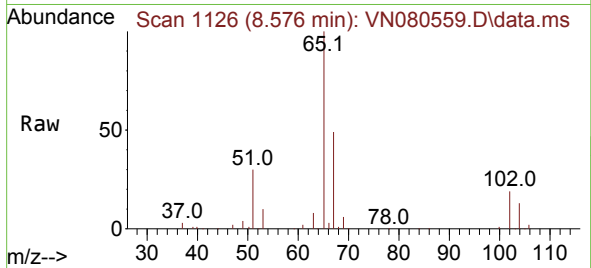




#33
 1,2-Dichloroethane-d4
 Concen: 55.556 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN080559.D
 Acq: 20 Dec 2023 20:04

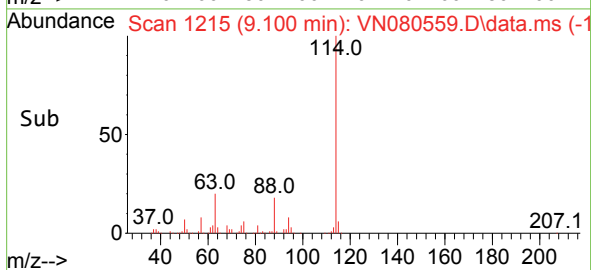
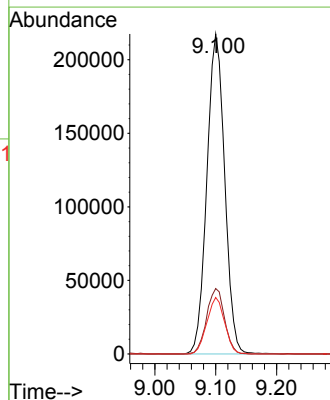
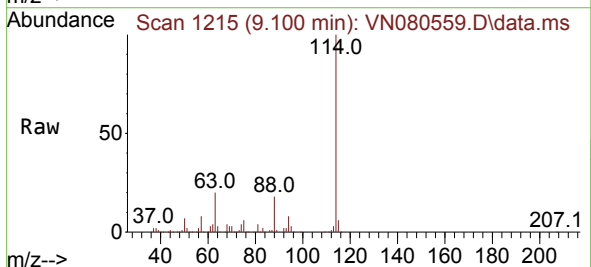
Instrument :
 MSVOA_N
 ClientSampleId :

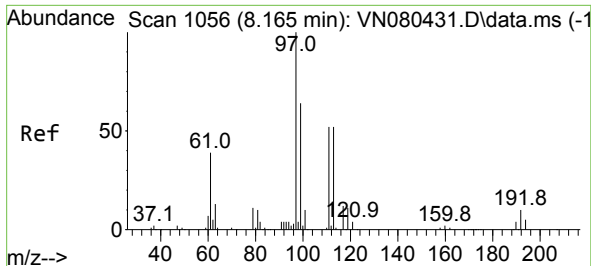
Tgt Ion: 65 Resp: 160535
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN080559.D
 Acq: 20 Dec 2023 20:04

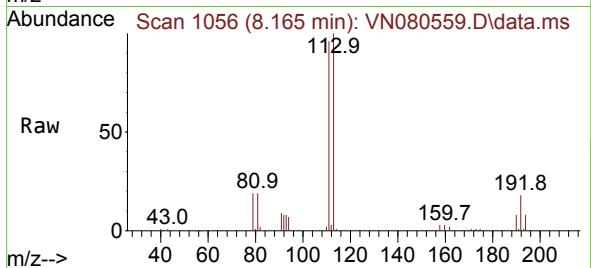
Tgt Ion: 114 Resp: 441994
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 36.4
 88 17.6 0.0 30.6



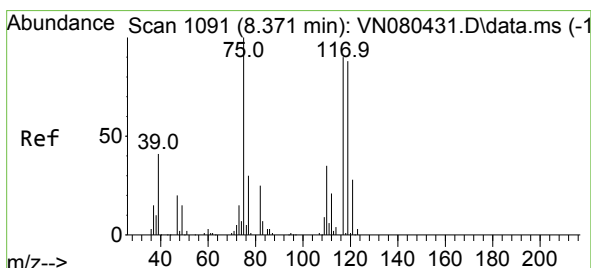
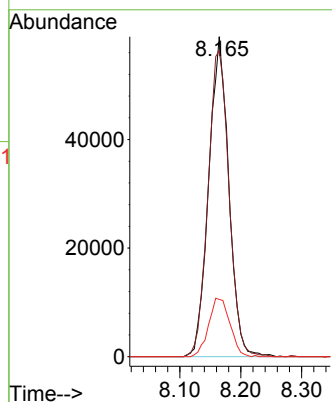
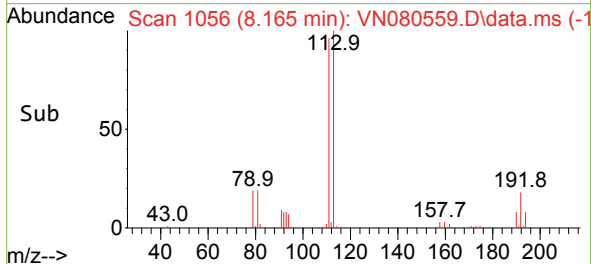


#35
Dibromofluoromethane
Concen: 48.015 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :

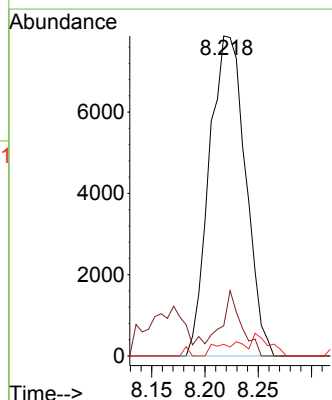
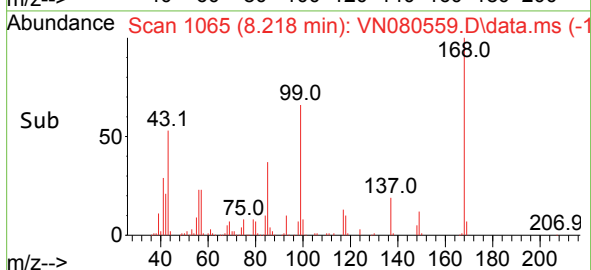
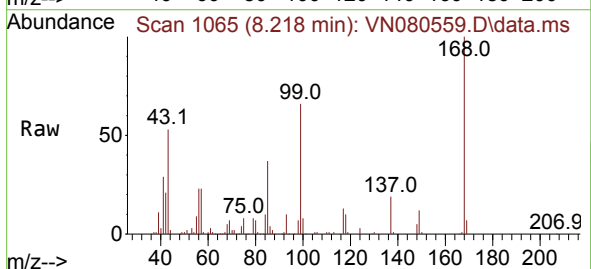


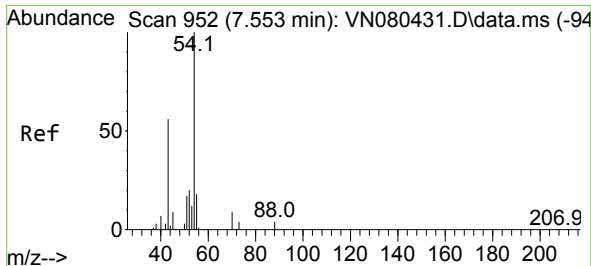
Tgt Ion:113 Resp: 134558
Ion Ratio Lower Upper
113 100
111 100.3 82.6 123.8
192 19.4 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.052 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion: 75 Resp: 18568
Ion Ratio Lower Upper
75 100
110 11.5 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.451 ug/l

RT: 7.482 min Scan# 94

Delta R.T. -0.071 min

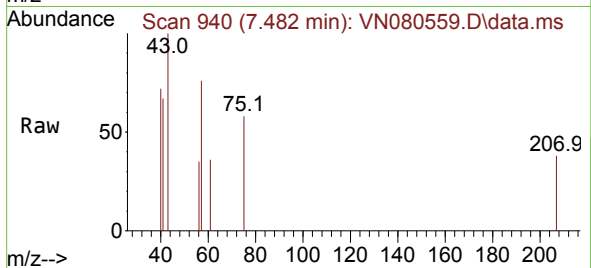
Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

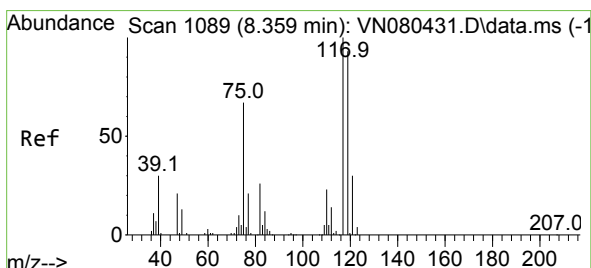
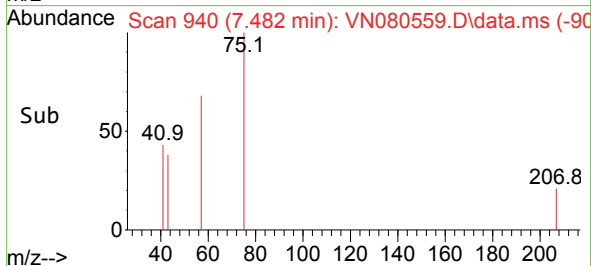
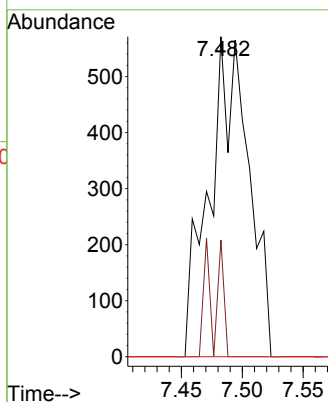
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	1295
Ion	Ratio	Lower	Upper
43	100		
61	11.4	13.2	19.8#
70	0.0	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 4.702 ug/l

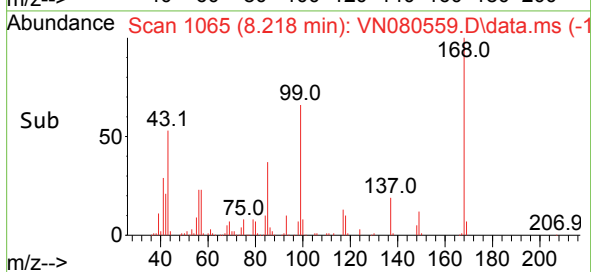
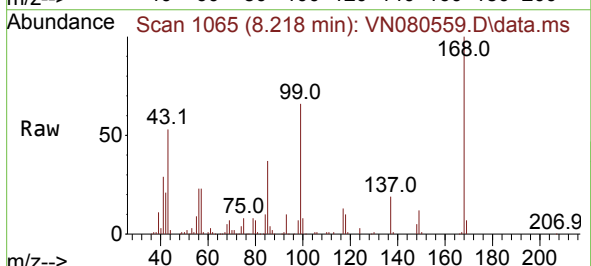
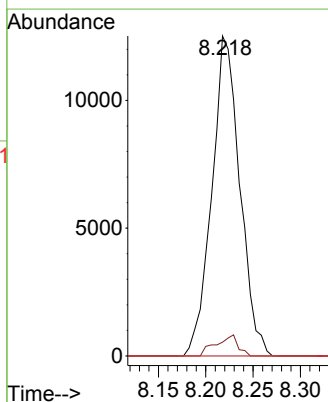
RT: 8.218 min Scan# 1065

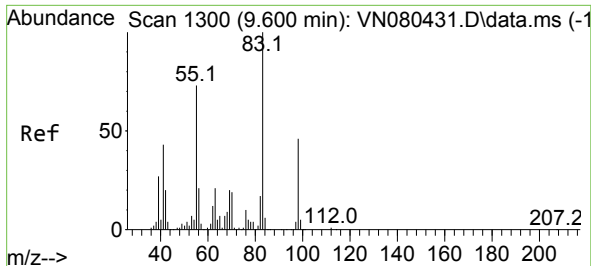
Delta R.T. -0.141 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Tgt Ion:	117	Resp:	25742
Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.3	115.9#
121	0.0	23.3	34.9#





#39

Methylcyclohexane

Concen: 13.944 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

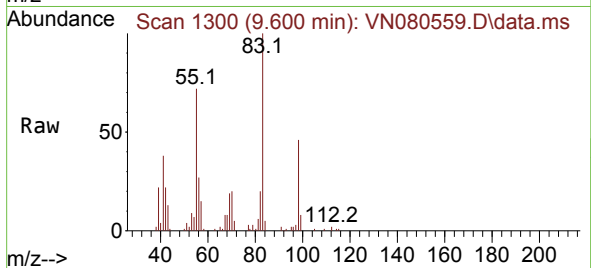
Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :



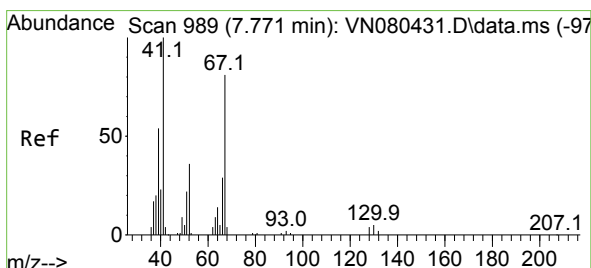
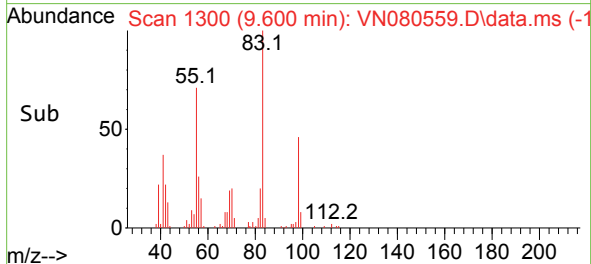
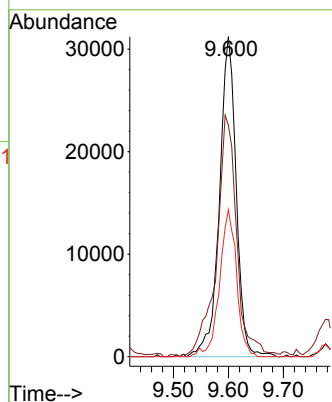
Tgt Ion: 83 Resp: 66376

Ion Ratio Lower Upper

83 100

55 72.3 49.1 73.7

98 45.9 40.6 61.0



#41

Methacrylonitrile

Concen: 0.876 ug/l

RT: 7.753 min Scan# 986

Delta R.T. -0.018 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Tgt Ion: 41 Resp: 1449

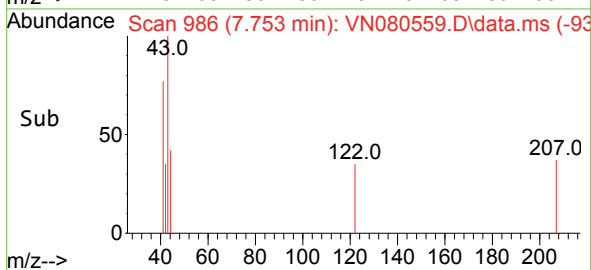
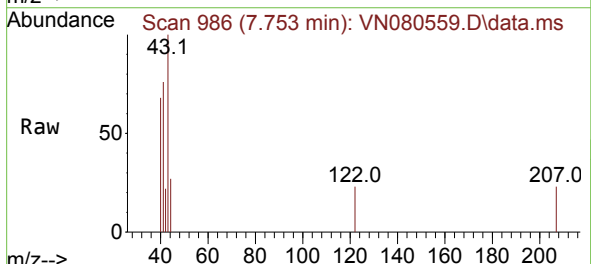
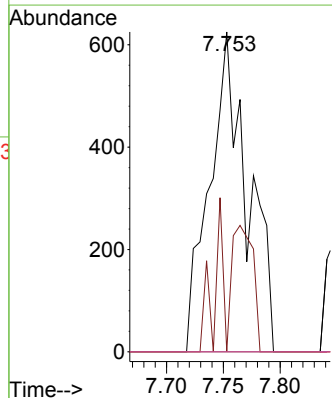
Ion Ratio Lower Upper

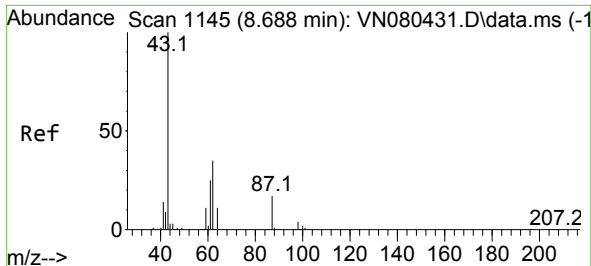
41 100

39 11.7 42.6 64.0#

67 0.0 77.5 116.3#

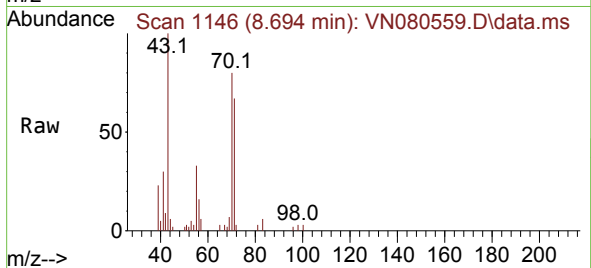
52 0.0 28.9 43.3#



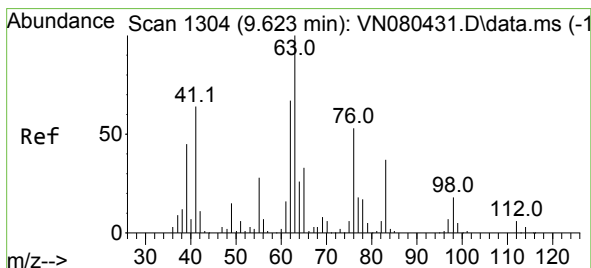
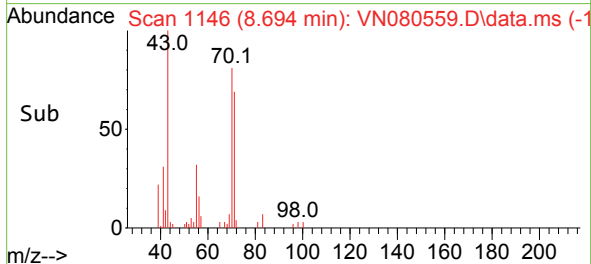
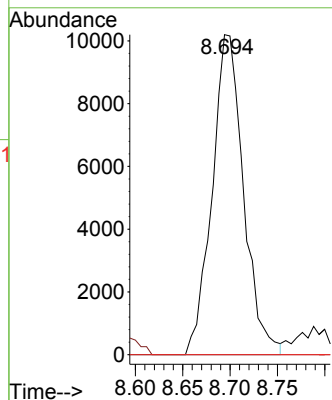


#43
Isopropyl Acetate
Concen: 4.565 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :

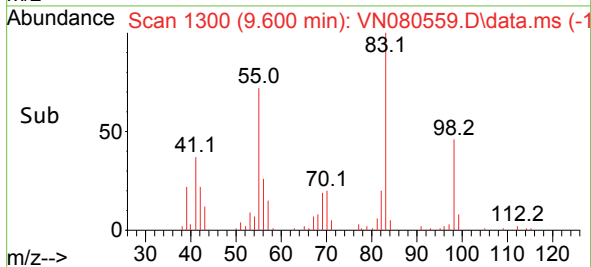
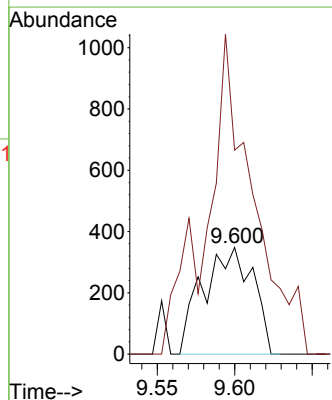
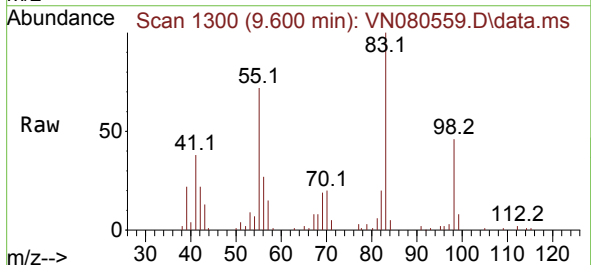


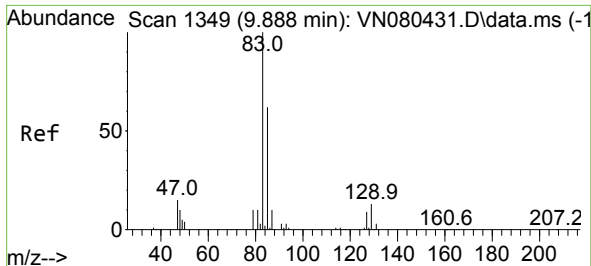
Tgt Ion: 43 Resp: 23553
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.251 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.024 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion: 63 Resp: 781
Ion Ratio Lower Upper
63 100
65 129.9 23.9 35.9#

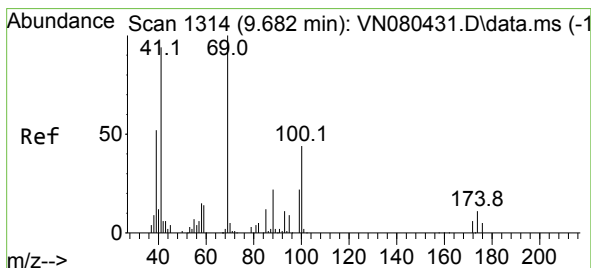
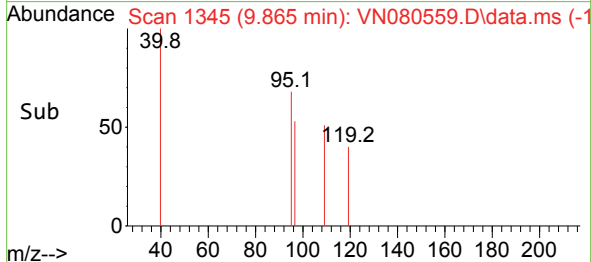
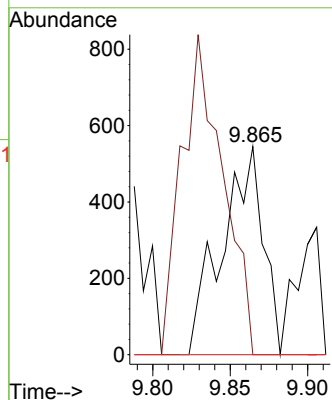
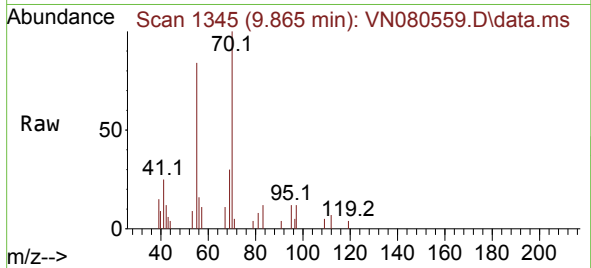




#47
Bromodichloromethane
Concen: 0.211 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

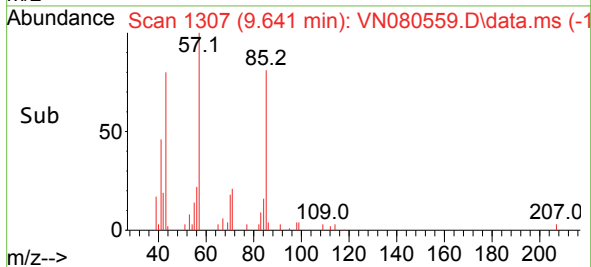
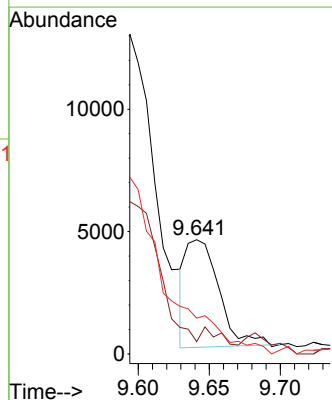
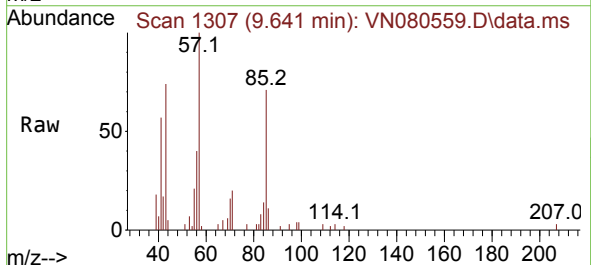
Instrument :
MSVOA_N
ClientSampleId :

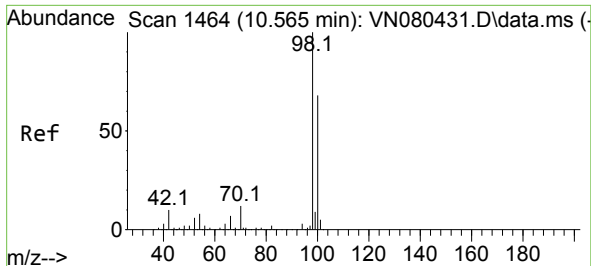
Tgt Ion: 83 Resp: 1008
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 2.303 ug/l
RT: 9.641 min Scan# 1307
Delta R.T. -0.041 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion: 41 Resp: 7089
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 0.0 54.6 81.8#

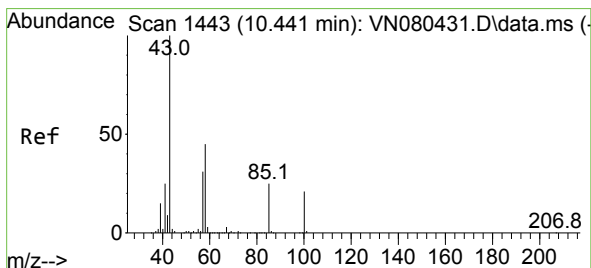
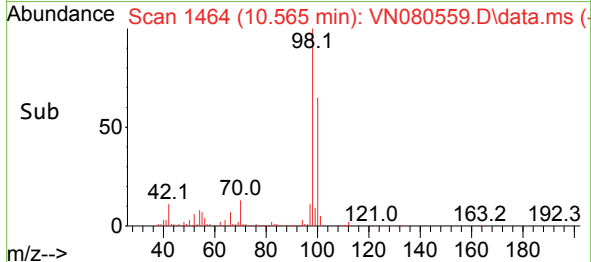
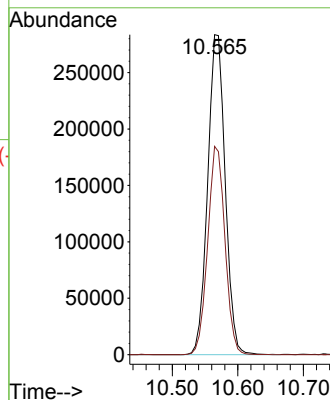
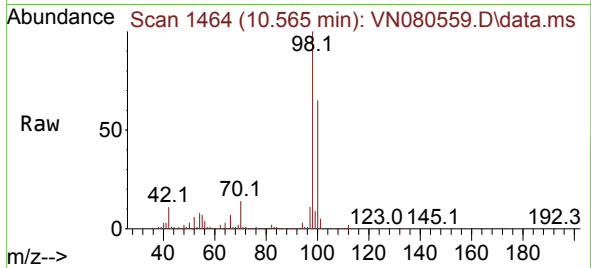




#50
Toluene-d8
Concen: 50.425 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

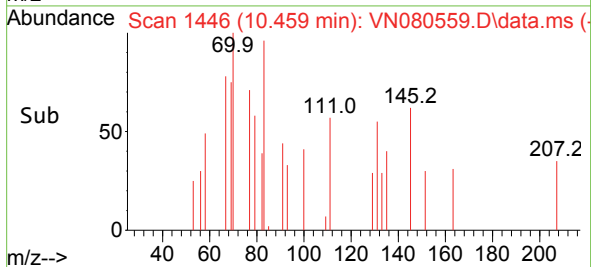
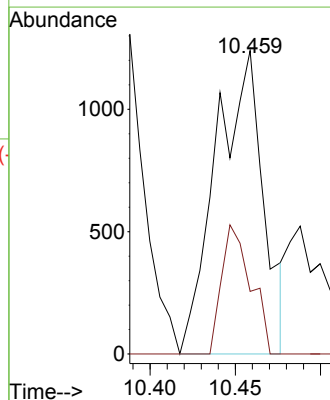
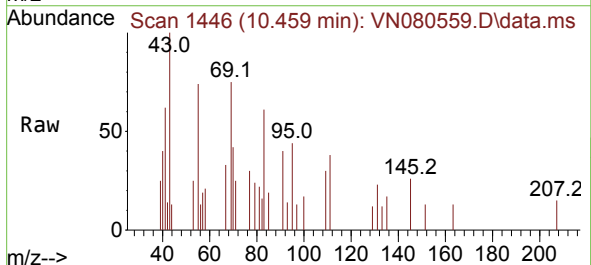
Instrument :
MSVOA_N
ClientSampleId :

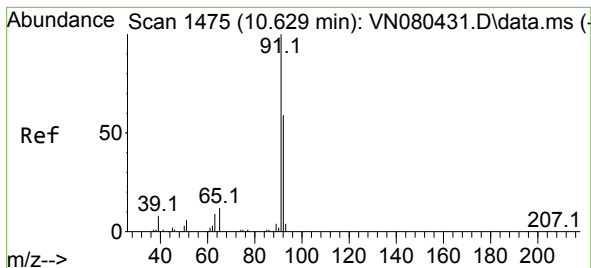
Tgt Ion: 98 Resp: 527016
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.841 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.018 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion: 43 Resp: 2390
Ion Ratio Lower Upper
43 100
58 26.3 36.6 54.8#





#52

Toluene

Concen: 175.040 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Instrument :

MSVOA_N

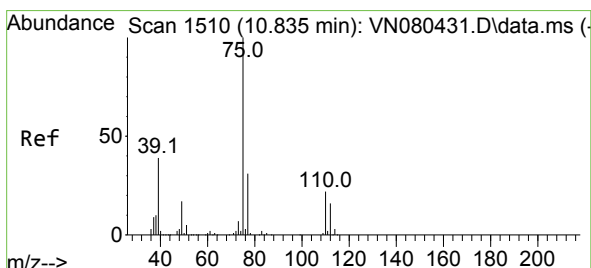
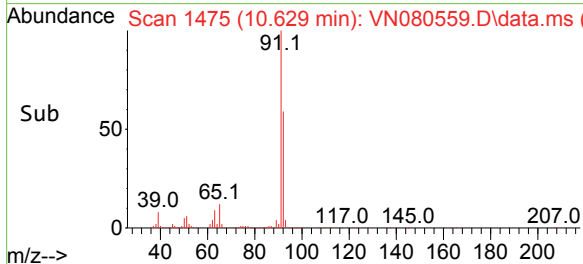
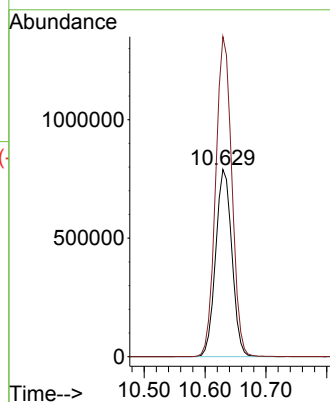
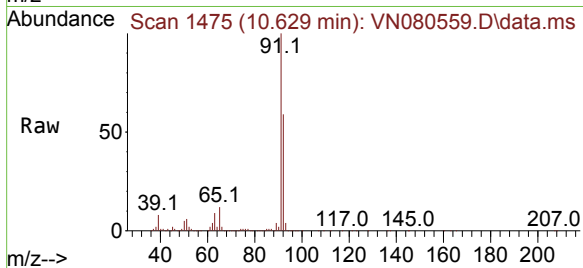
ClientSampleId :

Tgt Ion: 92 Resp: 1463129

Ion Ratio Lower Upper

92 100

91 170.1 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 3.498 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.206 min

Lab File: VN080559.D

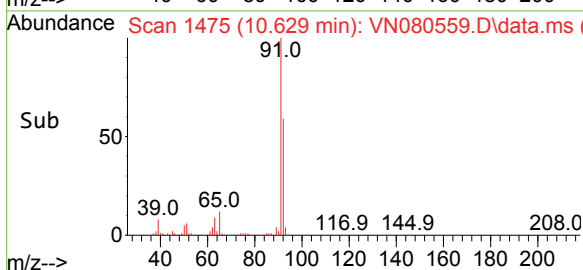
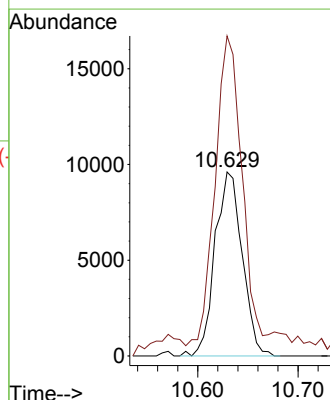
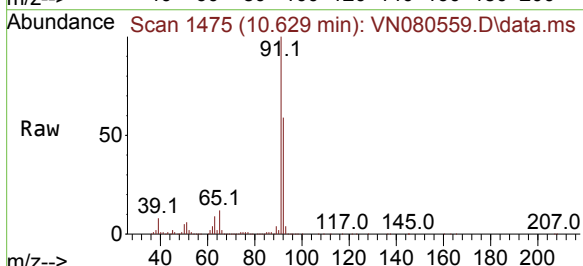
Acq: 20 Dec 2023 20:04

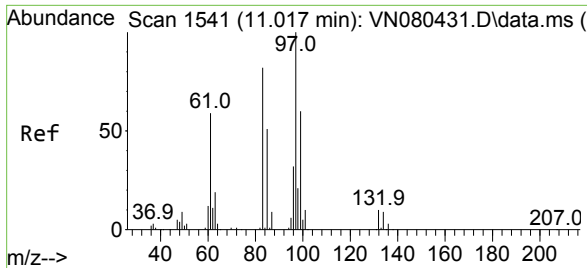
Tgt Ion: 75 Resp: 18104

Ion Ratio Lower Upper

75 100

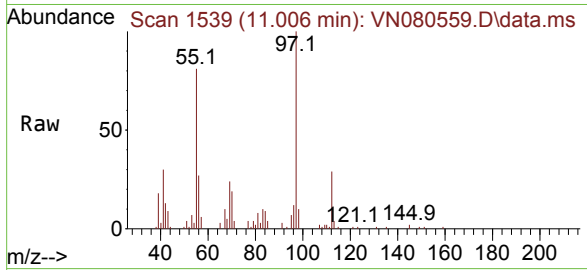
77 165.0 25.4 38.0#



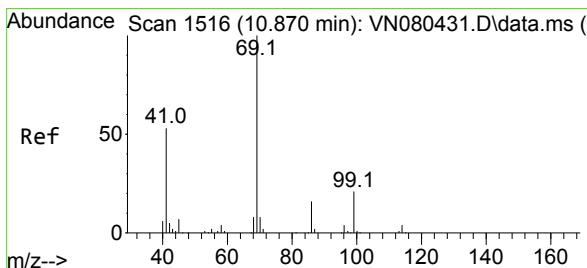
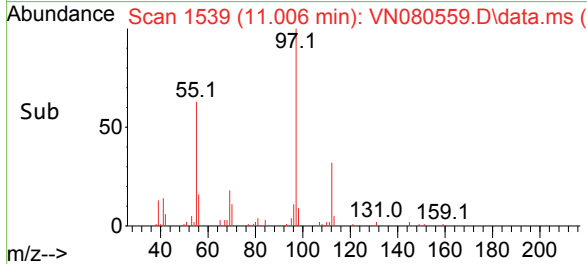
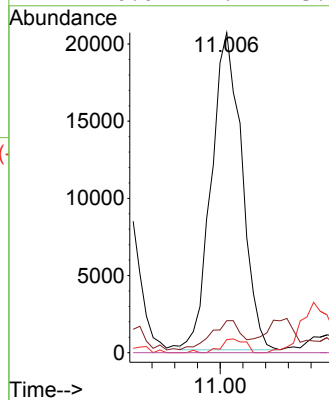


#55
1,1,2-Trichloroethane
Concen: 12.707 ug/l
RT: 11.006 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :

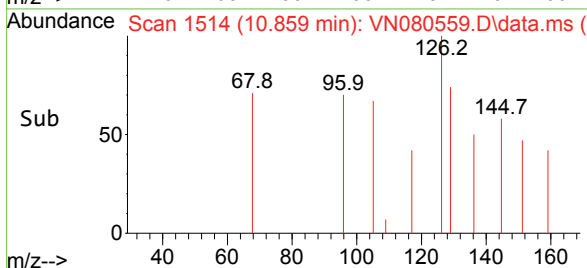
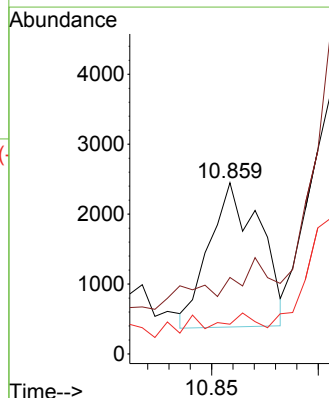
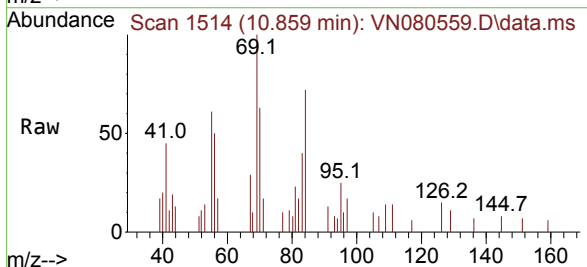


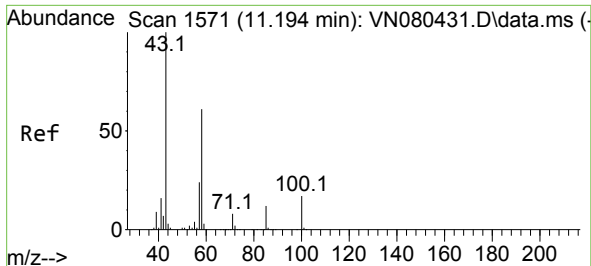
Tgt Ion: 97 Resp: 38220
Ion Ratio Lower Upper
97 100
83 9.2 65.1 97.7#
85 4.1 43.4 65.2#
99 0.0 49.2 73.8#



#56
Ethyl methacrylate
Concen: 1.028 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.012 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion: 69 Resp: 3424
Ion Ratio Lower Upper
69 100
41 90.3 39.6 59.4#
39 0.0 28.6 43.0#

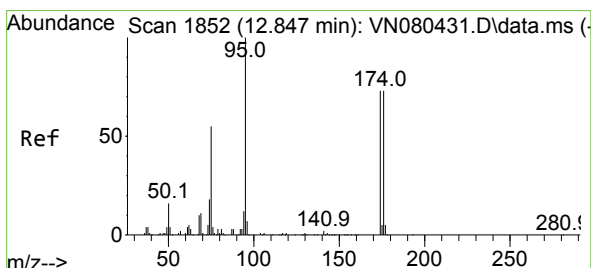
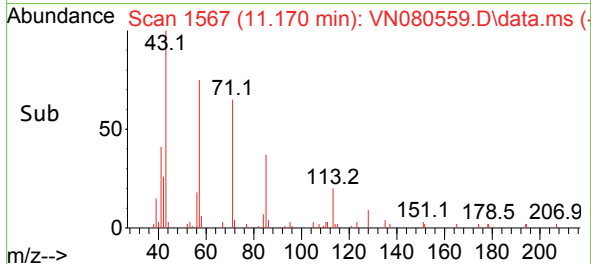
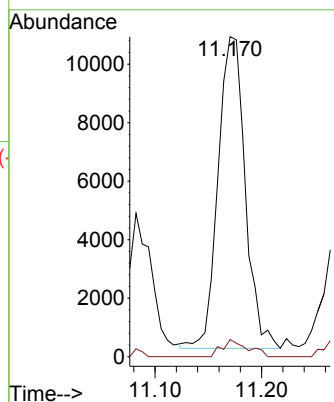
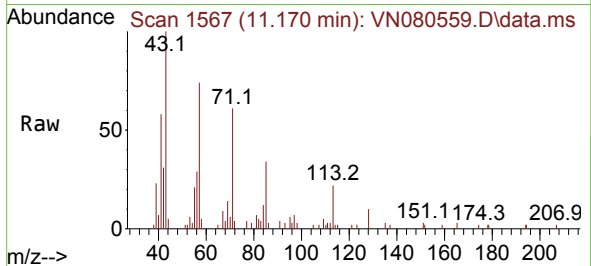




#59
2-Hexanone
Concen: 9.000 ug/l
RT: 11.170 min Scan# 111
Delta R.T. -0.024 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

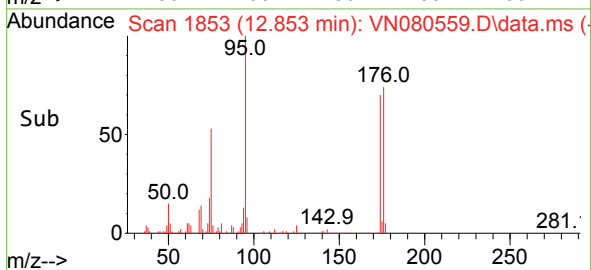
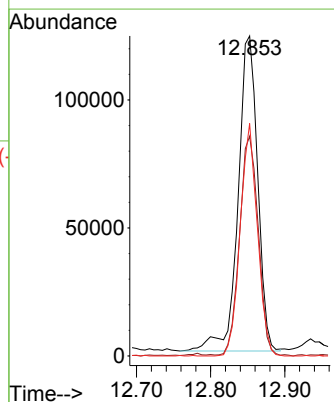
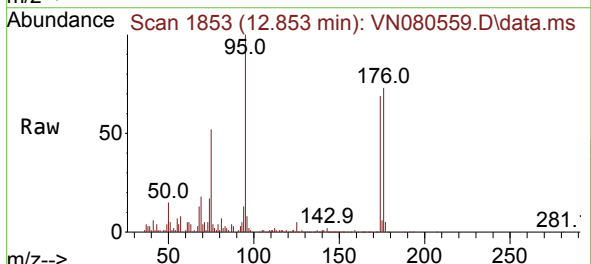
Instrument :
MSVOA_N
ClientSampleId :

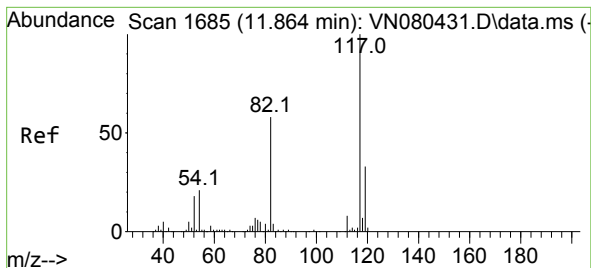
Tgt Ion: 43 Resp: 18878
Ion Ratio Lower Upper
43 100
58 5.1 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 56.769 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion: 95 Resp: 225302
Ion Ratio Lower Upper
95 100
174 67.3 0.0 143.8
176 65.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

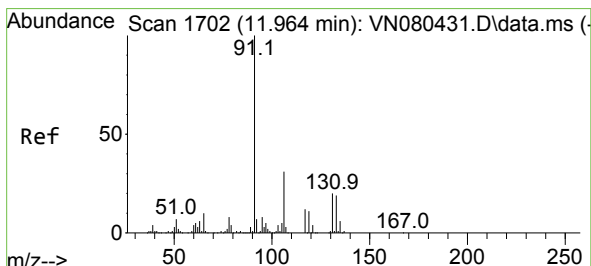
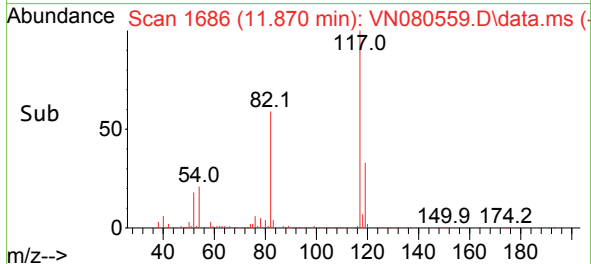
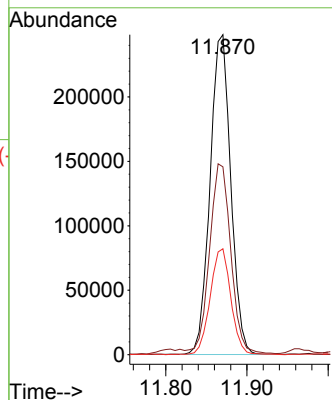
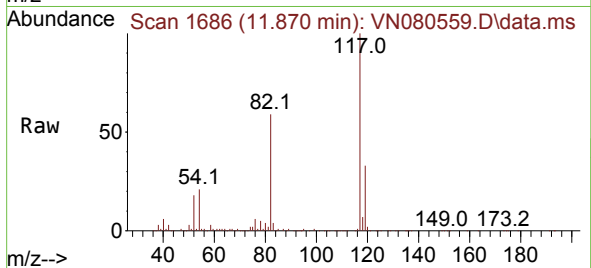
Tgt Ion:117 Resp: 439378

Ion Ratio Lower Upper

117 100

82 58.3 44.0 66.0

119 33.1 25.6 38.4



#67

Ethyl Benzene

Concen: 8.218 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080559.D

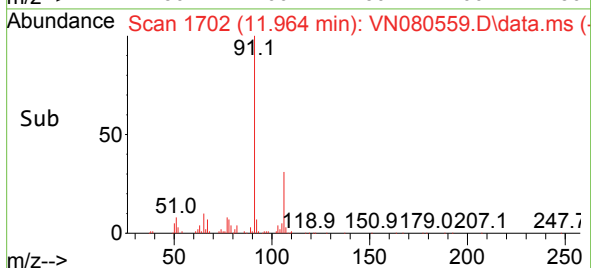
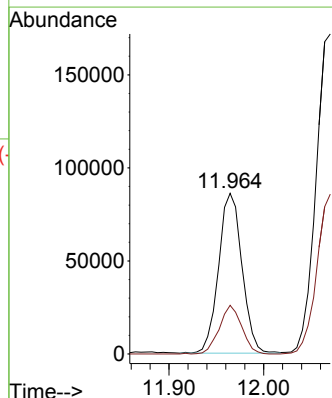
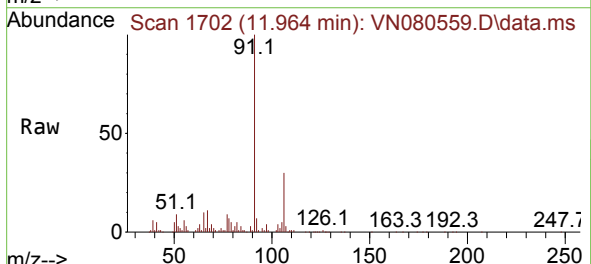
Acq: 20 Dec 2023 20:04

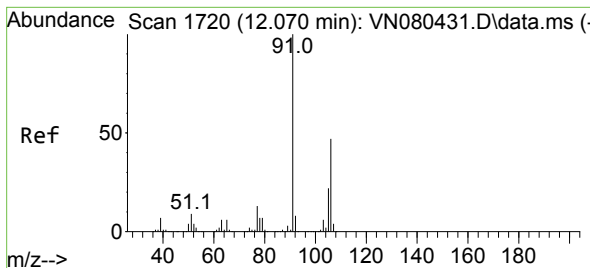
Tgt Ion: 91 Resp: 147695

Ion Ratio Lower Upper

91 100

106 30.5 25.6 38.4

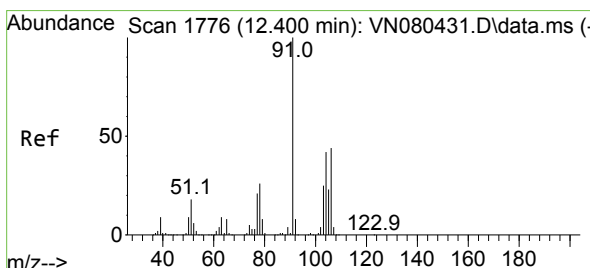
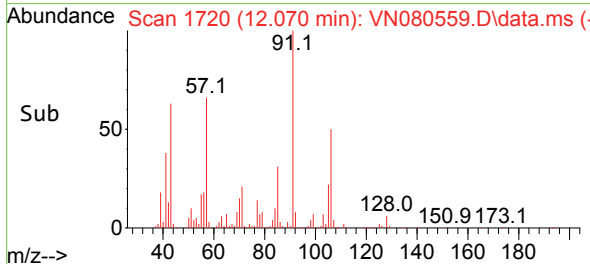
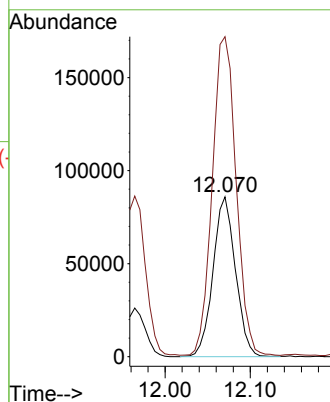
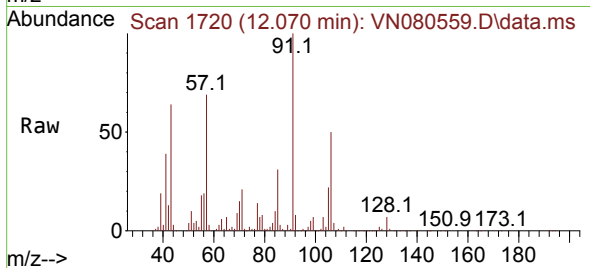




#68
m/p-Xylenes
Concen: 23.699 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

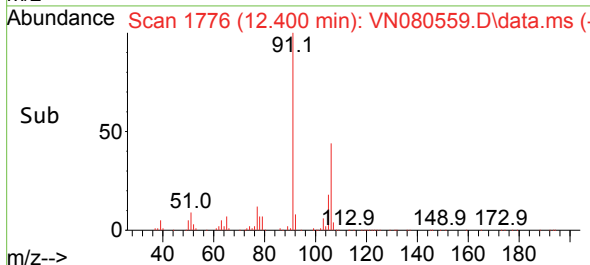
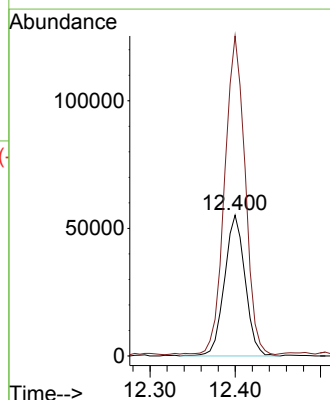
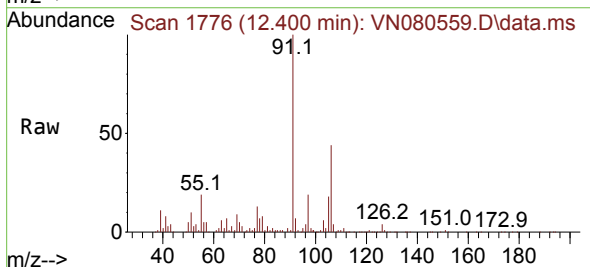
Instrument :
MSVOA_N
ClientSampleId :

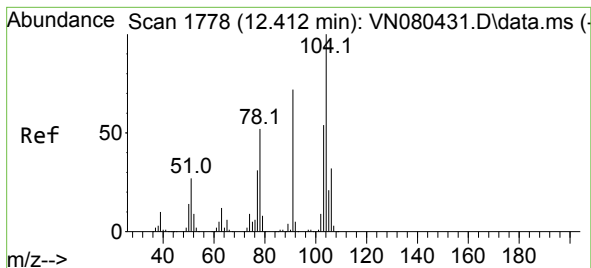
Tgt Ion:106 Resp: 157386
Ion Ratio Lower Upper
106 100
91 211.5 159.6 239.4



#69
o-Xylene
Concen: 14.263 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion:106 Resp: 92648
Ion Ratio Lower Upper
106 100
91 224.4 105.2 315.5





#70

Styrene

Concen: 0.615 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

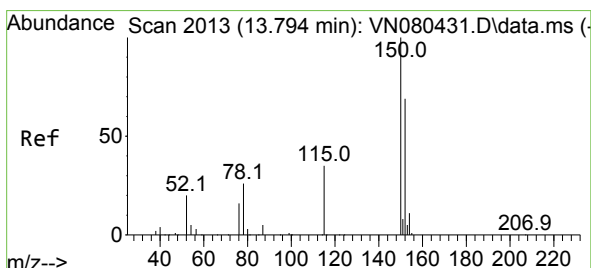
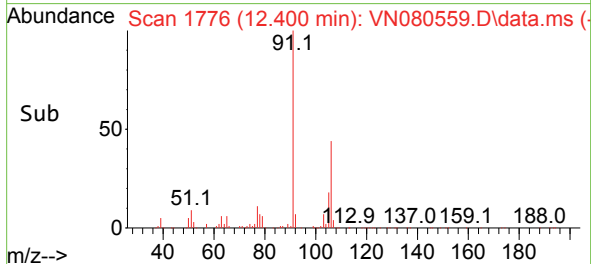
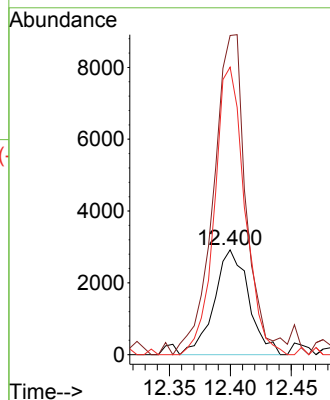
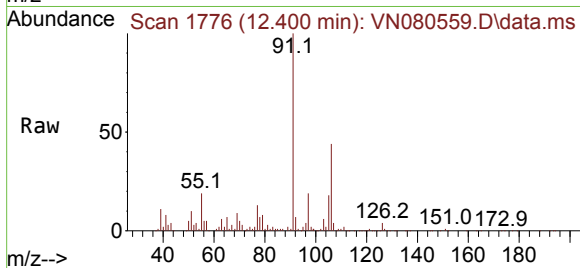
Tgt Ion:104 Resp: 5753

Ion Ratio Lower Upper

104 100

78 288.4 39.5 59.3#

103 242.8 43.2 64.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

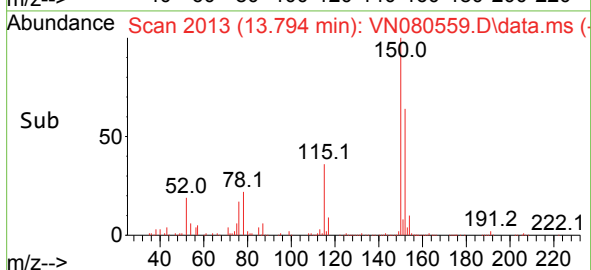
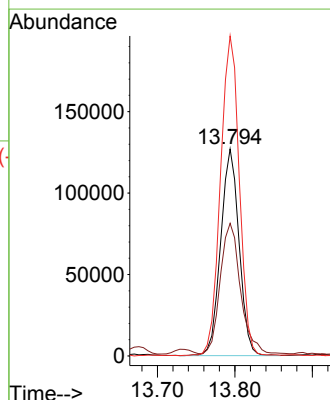
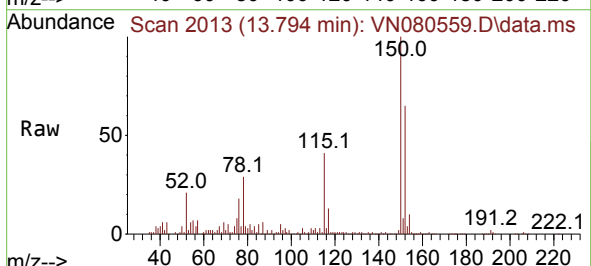
Tgt Ion:152 Resp: 208897

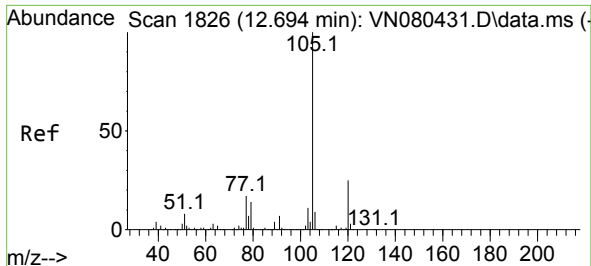
Ion Ratio Lower Upper

152 100

115 69.9 32.3 96.8

150 158.6 0.0 355.8

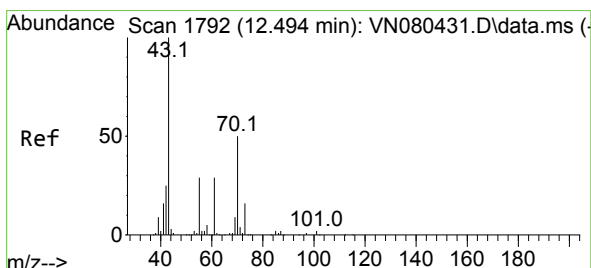
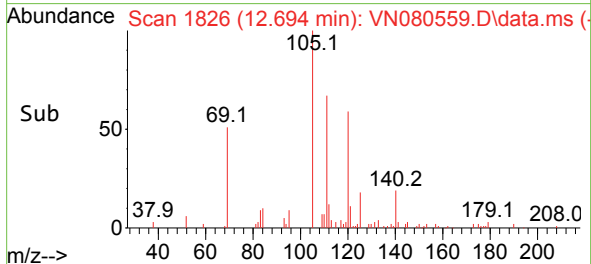
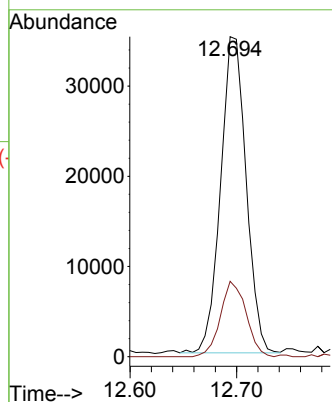
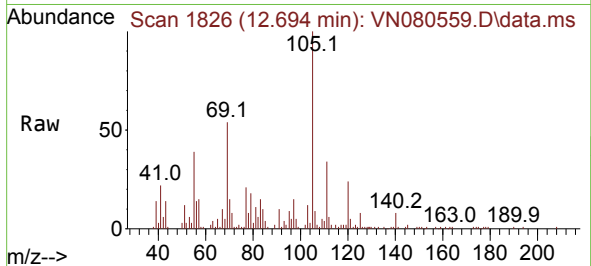




#73
Isopropylbenzene
Concen: 3.474 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

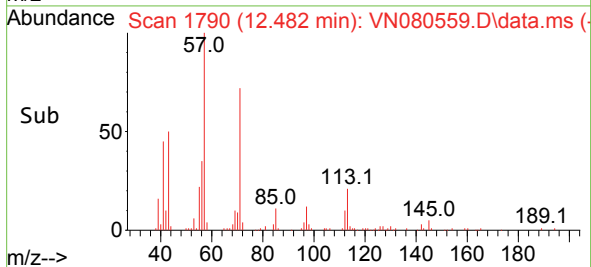
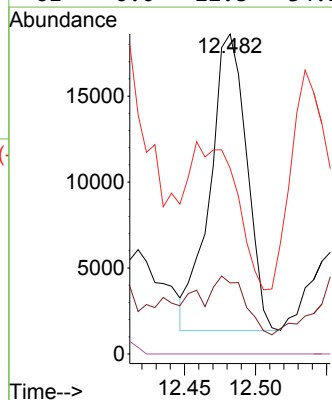
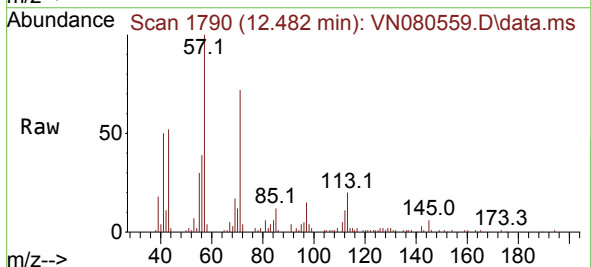
Instrument :
MSVOA_N
ClientSampleId :

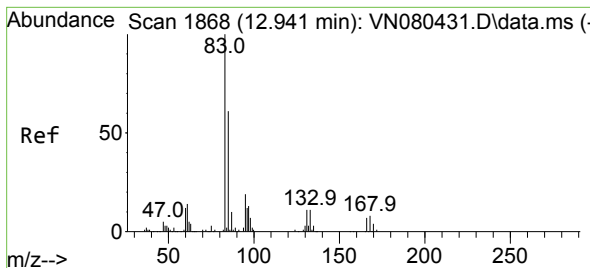
Tgt Ion:105 Resp: 58306
Ion Ratio Lower Upper
105 100
120 24.0 13.1 39.1



#74
N-ethyl acetate
Concen: 6.317 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion: 43 Resp: 30955
Ion Ratio Lower Upper
43 100
70 17.2 43.4 65.2#
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.086 ug/l

RT: 12.935 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

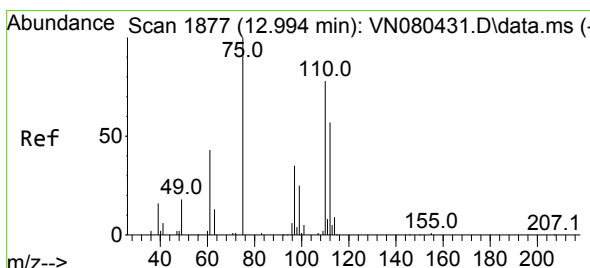
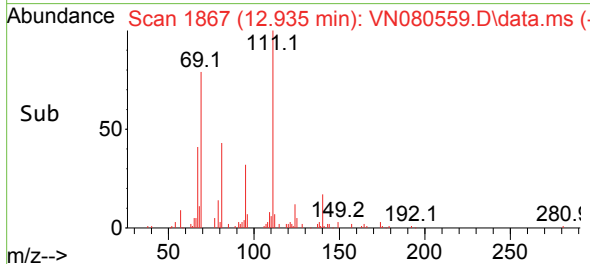
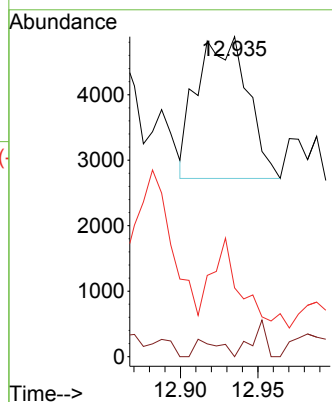
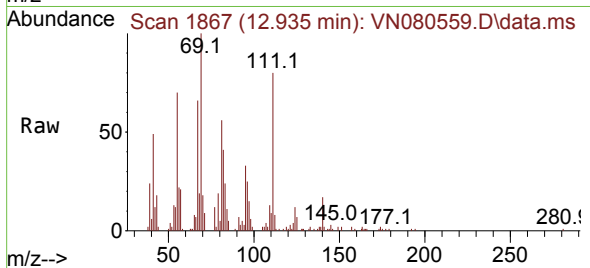
Tgt Ion: 83 Resp: 4885

Ion Ratio Lower Upper

83 100

131 6.9 5.0 15.0

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 1.078 ug/l

RT: 13.094 min Scan# 1894

Delta R.T. 0.100 min

Lab File: VN080559.D

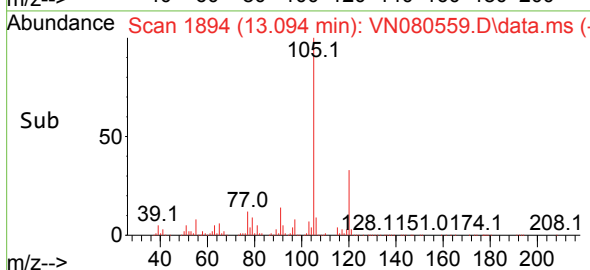
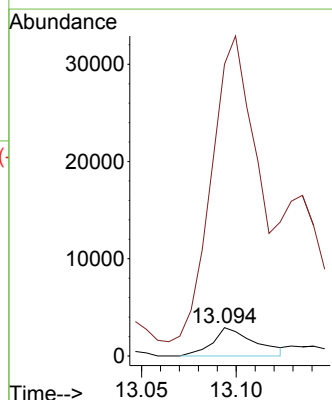
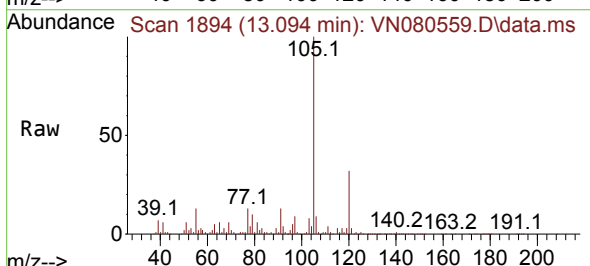
Acq: 20 Dec 2023 20:04

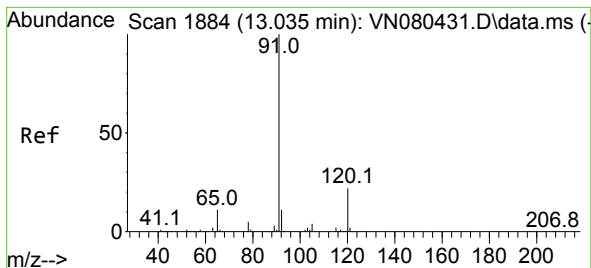
Tgt Ion: 75 Resp: 4492

Ion Ratio Lower Upper

75 100

77 1243.5 84.5 253.5#





#78

n-propylbenzene

Concen: 10.076 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Instrument :

MSVOA_N

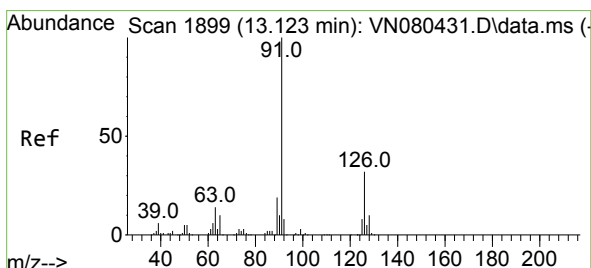
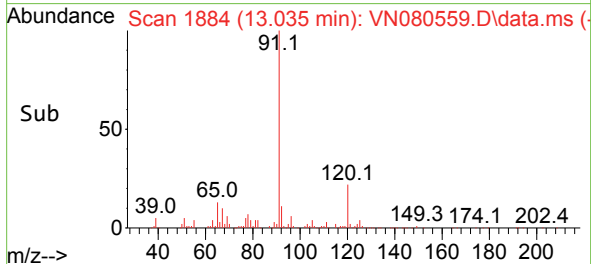
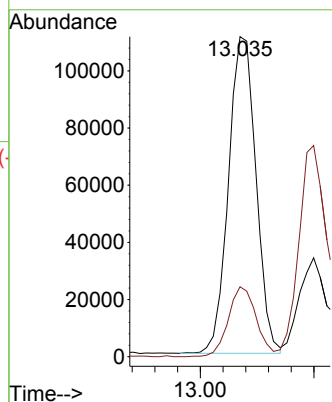
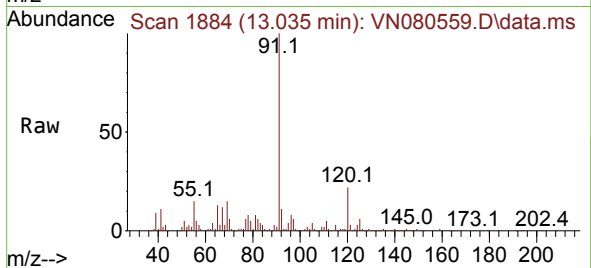
ClientSampleId :

Tgt Ion: 91 Resp: 186429

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 4.376 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.024 min

Lab File: VN080559.D

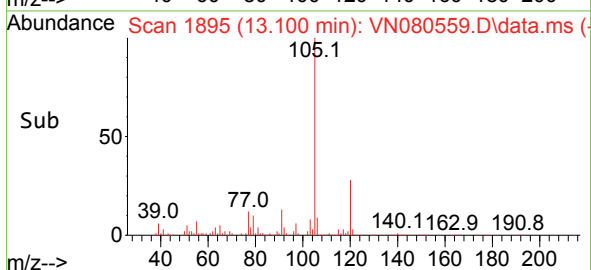
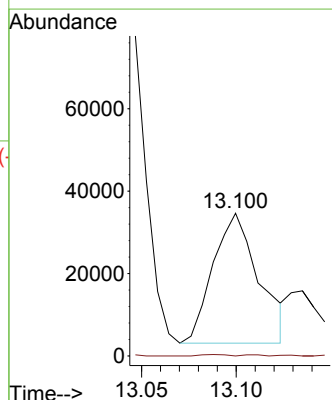
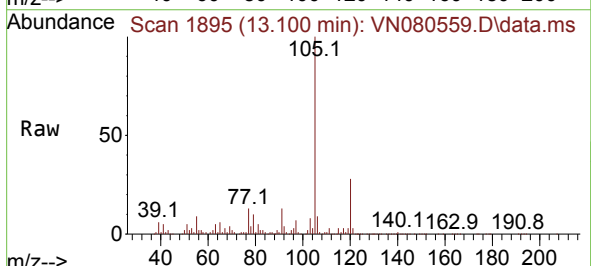
Acq: 20 Dec 2023 20:04

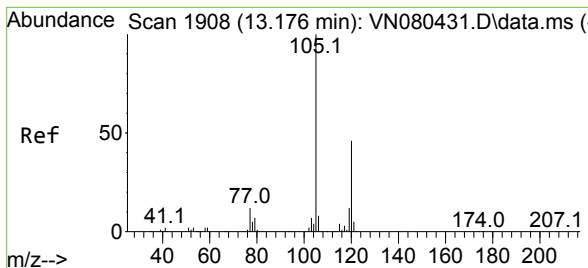
Tgt Ion: 91 Resp: 52859

Ion Ratio Lower Upper

91 100

126 0.4 16.3 48.8#

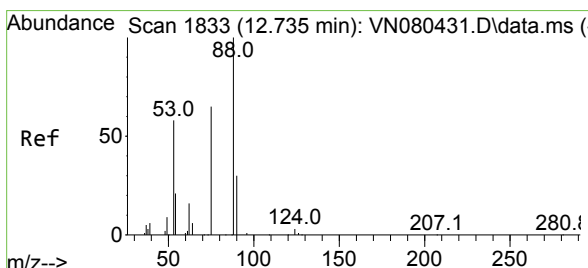
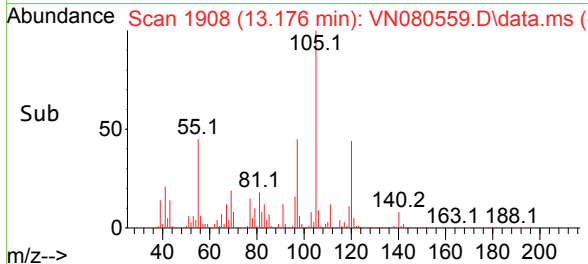
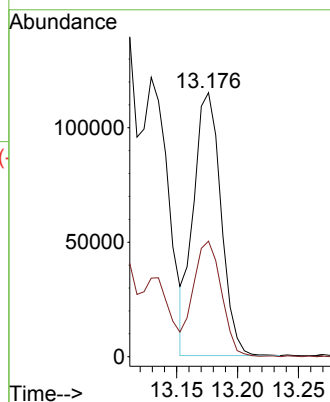
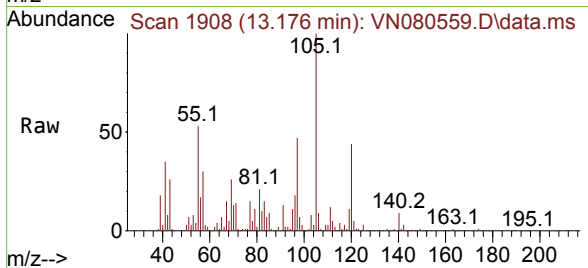




#80
 1,3,5-Trimethylbenzene
 Concen: 12.488 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN080559.D
 Acq: 20 Dec 2023 20:04

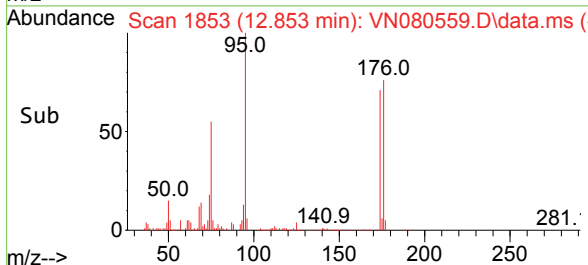
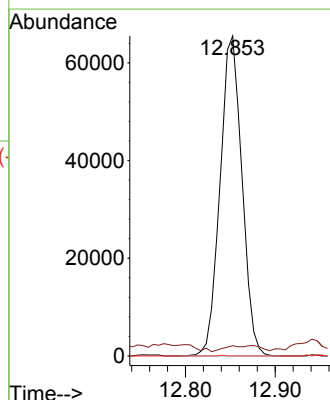
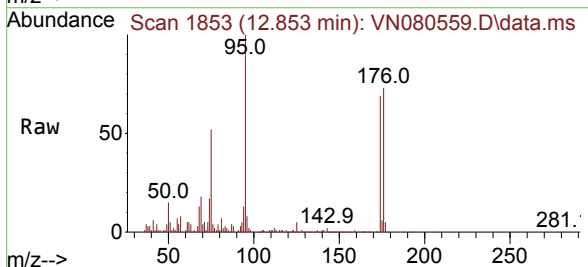
Instrument :
 MSVOA_N
 ClientSampleId :

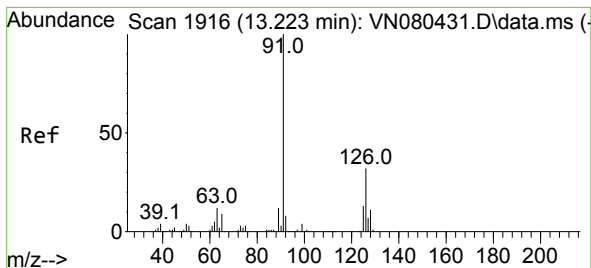
Tgt Ion:105 Resp: 180491
 Ion Ratio Lower Upper
 105 100
 120 45.2 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.886 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.118 min
 Lab File: VN080559.D
 Acq: 20 Dec 2023 20:04

Tgt Ion: 75 Resp: 110926
 Ion Ratio Lower Upper
 75 100
 53 1.6 67.4 101.2#
 89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 1.791 ug/l

RT: 13.176 min Scan# 1916

Delta R.T. -0.047 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Instrument :

MSVOA_N

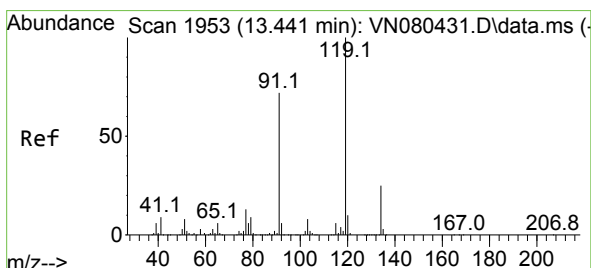
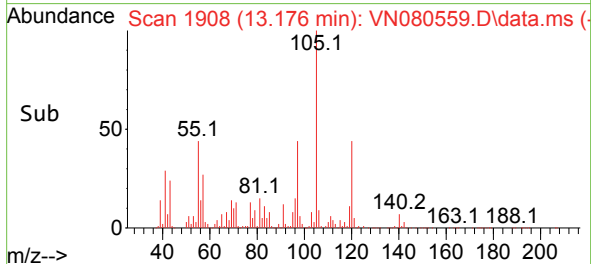
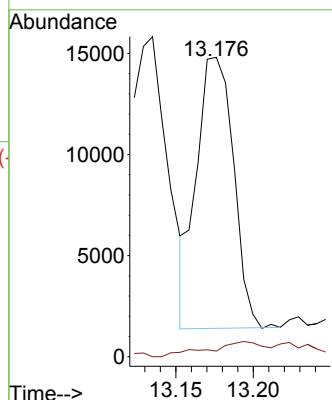
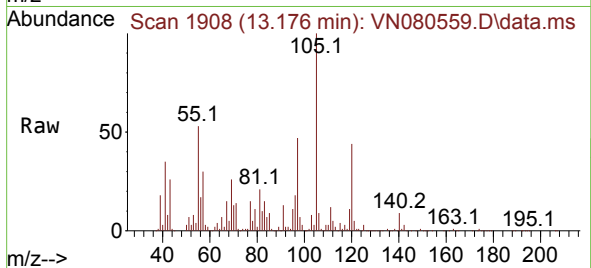
ClientSampleId :

Tgt Ion: 91 Resp: 22239

Ion Ratio Lower Upper

91 100

126 8.4 16.7 50.0#



#83

tert-Butylbenzene

Concen: 6.222 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

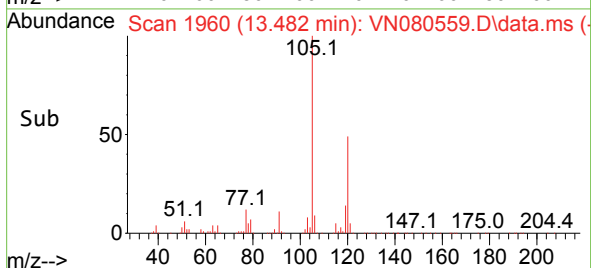
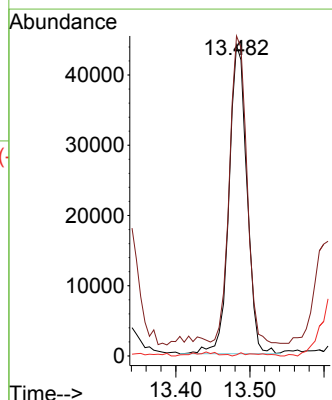
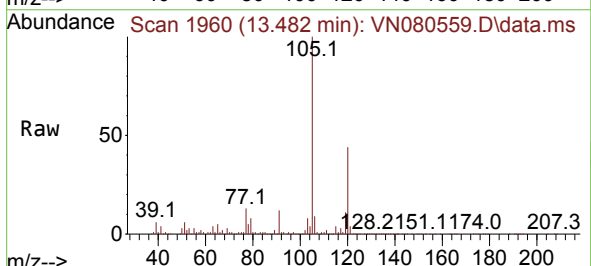
Tgt Ion: 119 Resp: 73648

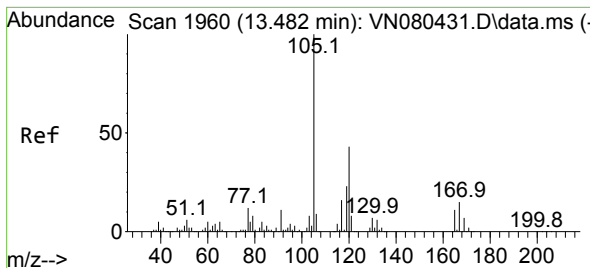
Ion Ratio Lower Upper

119 100

91 96.5 33.9 101.7

134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 44.490 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Instrument :

MSVOA_N

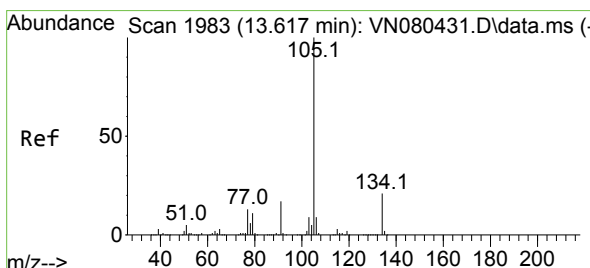
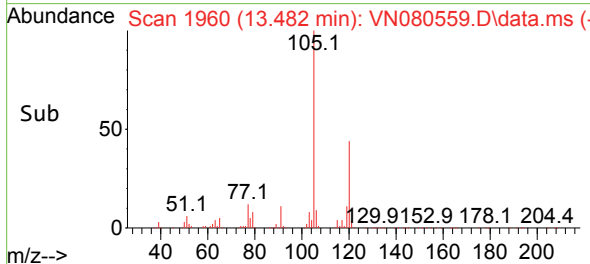
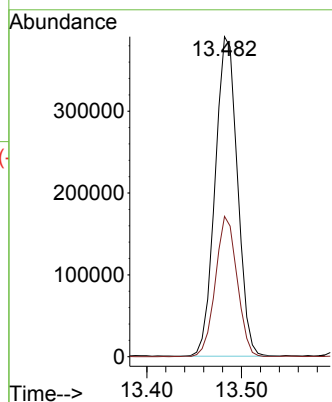
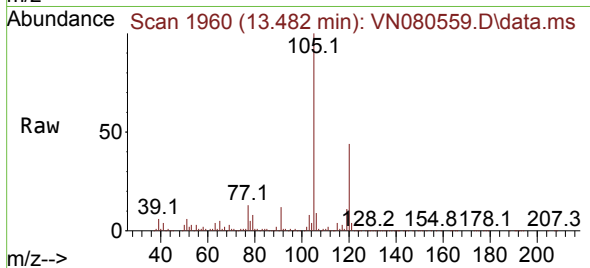
ClientSampleId :

Tgt Ion:105 Resp: 639674

Ion Ratio Lower Upper

105 100

120 42.9 22.0 66.0



#85

sec-Butylbenzene

Concen: 6.505 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080559.D

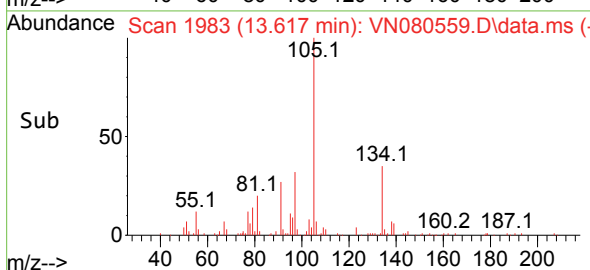
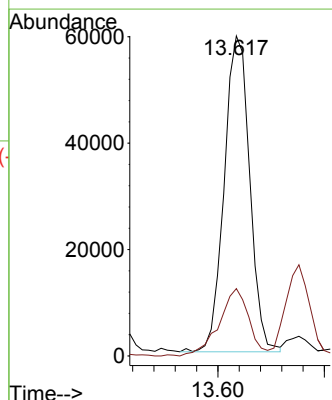
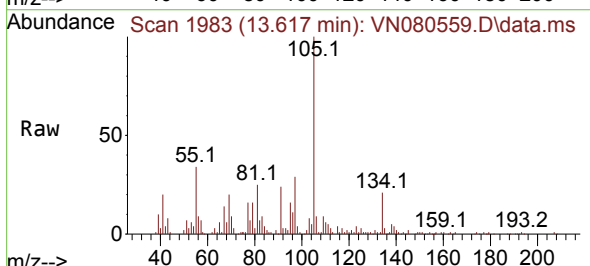
Acq: 20 Dec 2023 20:04

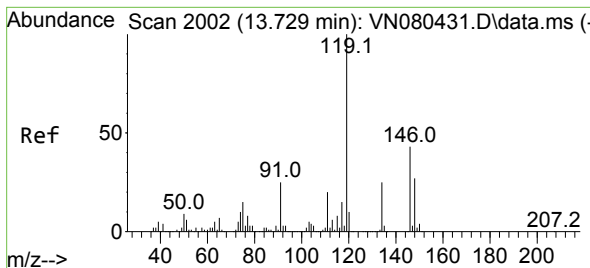
Tgt Ion:105 Resp: 98498

Ion Ratio Lower Upper

105 100

134 25.0 9.8 29.3





#86

p-Isopropyltoluene

Concen: 4.212 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN080559.D

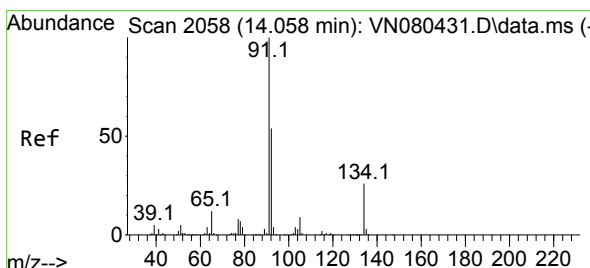
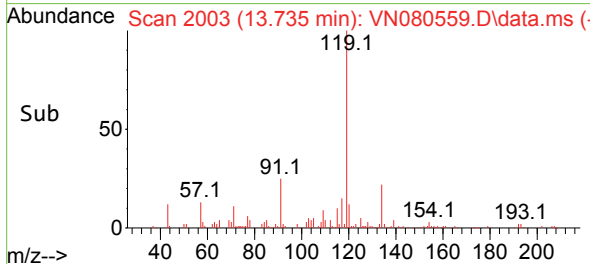
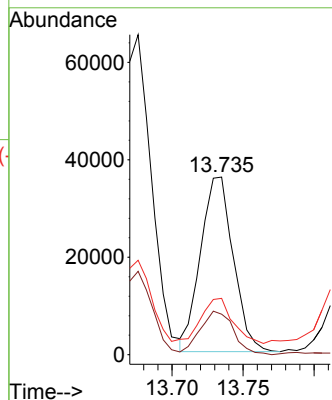
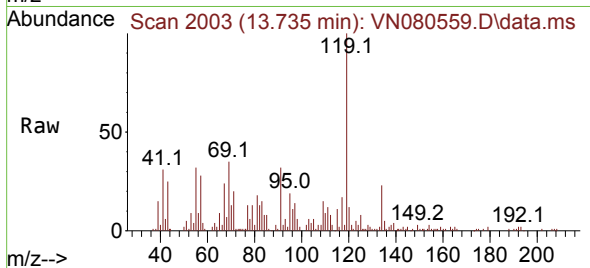
Acq: 20 Dec 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp: 57582
Ion Ratio	Lower Upper
119 100	
134 25.4	12.6 37.8
91 24.5	12.4 37.2



#89

n-Butylbenzene

Concen: 12.415 ug/l

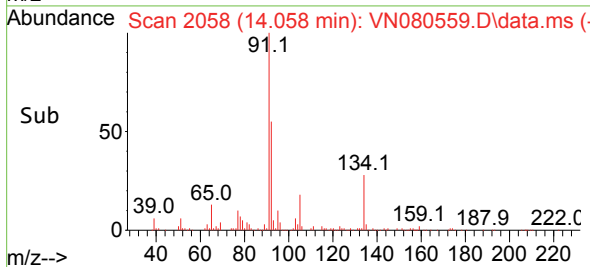
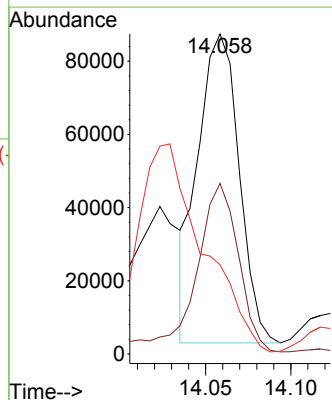
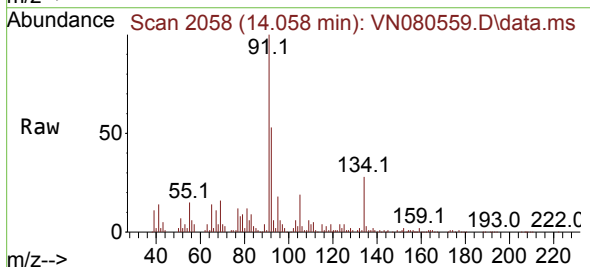
RT: 14.058 min Scan# 2058

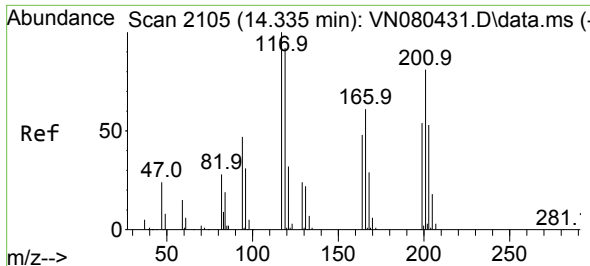
Delta R.T. -0.000 min

Lab File: VN080559.D

Acq: 20 Dec 2023 20:04

Tgt Ion: 91	Resp: 141743
Ion Ratio	Lower Upper
91 100	
92 54.1	26.4 79.0
134 0.0	12.6 37.6#

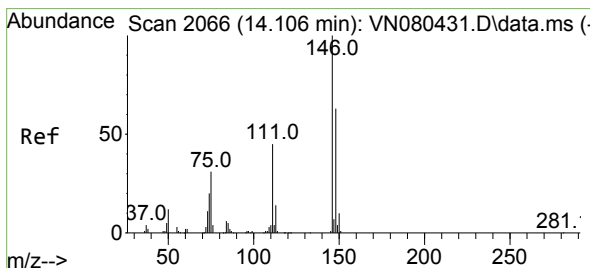
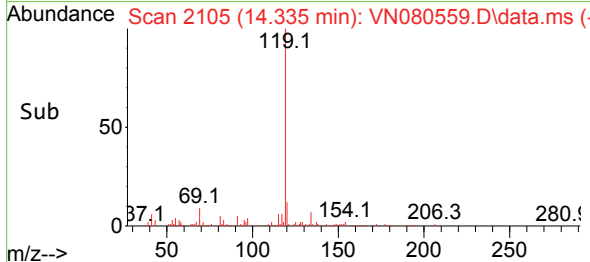
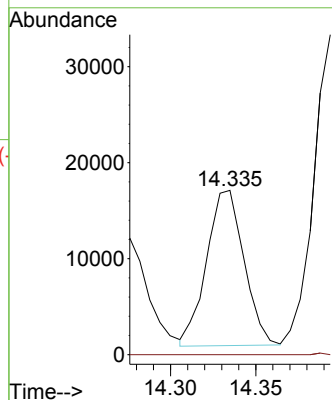
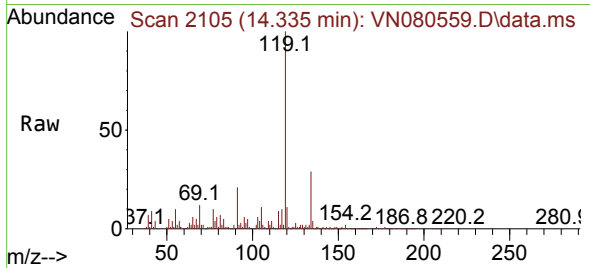




#90
Hexachloroethane
Concen: 11.391 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

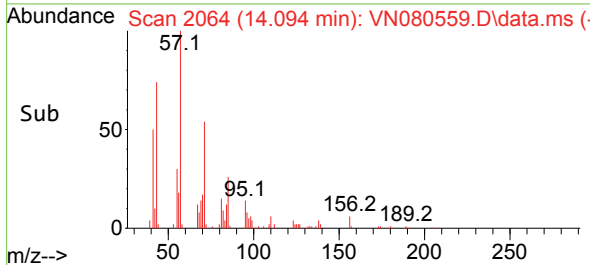
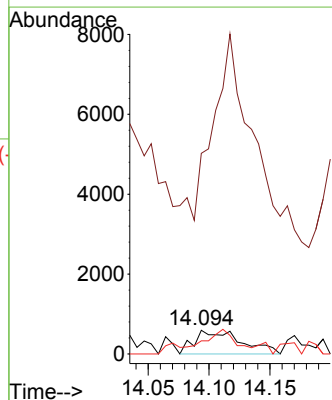
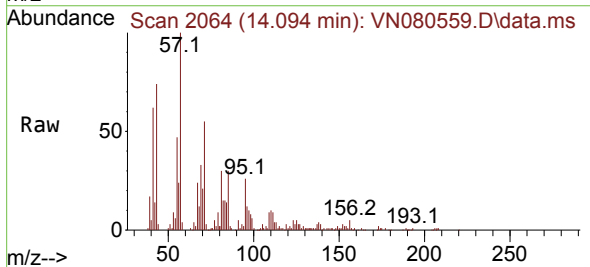
Instrument :
MSVOA_N
ClientSampleId :

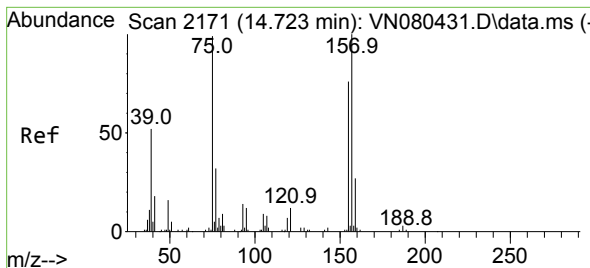
Tgt Ion:117 Resp: 24731
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



#91
1,2-Dichlorobenzene
Concen: 0.229 ug/l
RT: 14.094 min Scan# 2064
Delta R.T. -0.012 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

Tgt Ion:146 Resp: 1579
Ion Ratio Lower Upper
146 100
111 0.0 22.0 66.0#
148 0.0 31.8 95.3#

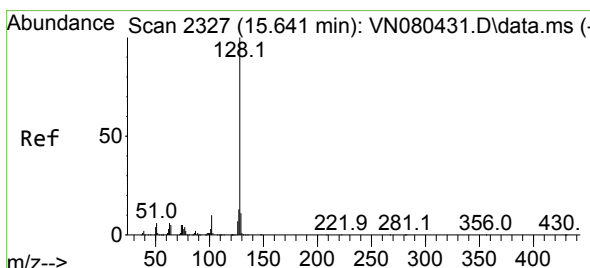
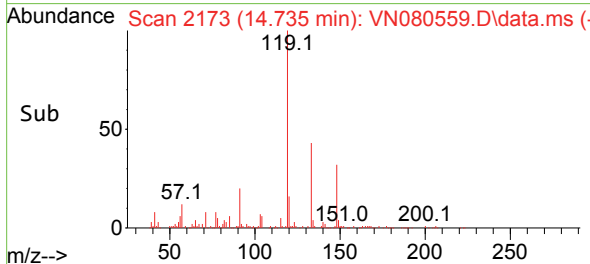
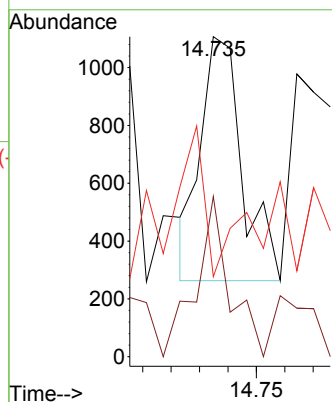
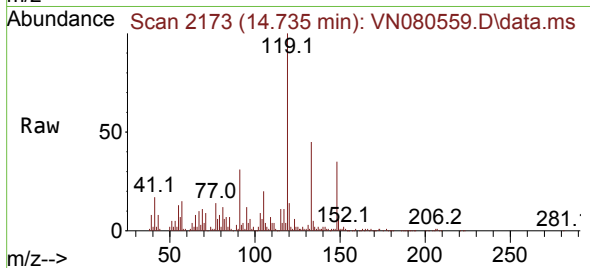




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.904 ug/l
RT: 14.735 min Scan# 2173
Delta R.T. 0.012 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

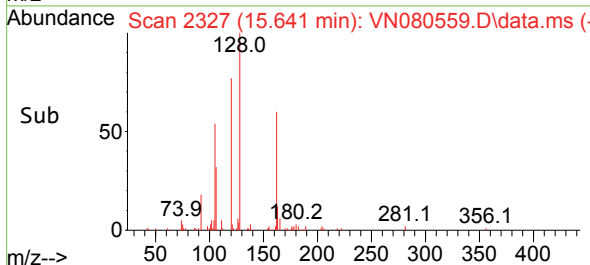
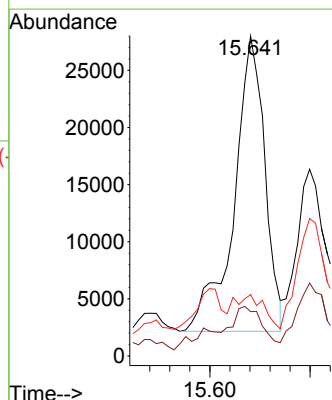
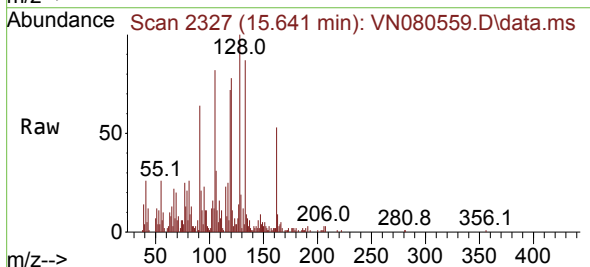
Instrument :
MSVOA_N
ClientSampleId :

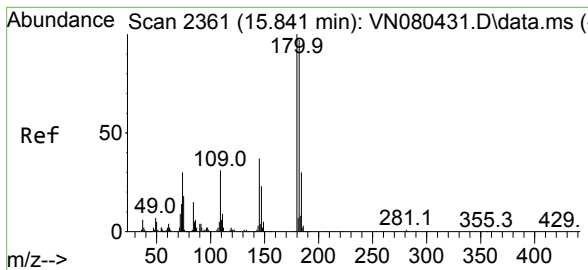
Tgt Ion: 75 Resp: 855
Ion Ratio Lower Upper
75 100
155 53.0 39.1 117.2
157 67.5 50.3 150.9



#95
Naphthalene
Concen: 4.740 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080559.D
Acq: 20 Dec 2023 20:04

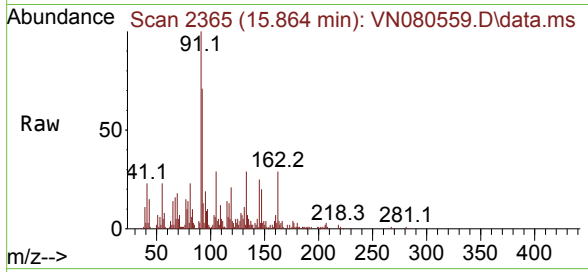
Tgt Ion:128 Resp: 55200
Ion Ratio Lower Upper
128 100
127 10.6 10.0 15.0
129 11.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.640 ug/l
 RT: 15.864 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: VN080559.D
 Acq: 20 Dec 2023 20:04

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2370
Ion Ratio	Lower	Upper	
180	100		
182	0.0	46.2	138.6#
145	0.0	17.5	52.6#

