

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080371.D
 Acq On : 05 Dec 2023 17:44
 Operator : JC\MD
 Sample : 05622-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 00:54:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	184680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	331679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	151931	49.824	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.640%
35) Dibromofluoromethane	8.171	113	123192	50.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.680%
50) Toluene-d8	10.565	98	449257	50.923	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.847	95	185619	55.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.400%

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	534	0.258	ug/l #	42
5) Bromomethane	2.965	94	324	0.218	ug/l #	4
6) Chloroethane	3.136	64	1422	Below Cal	#	43
11) Tert butyl alcohol	5.518	59	3176	9.471	ug/l #	72
13) Acrolein	4.136	56	1686	5.681	ug/l #	1
14) Allyl chloride	5.130	41	830	0.338	ug/l #	19
15) Acrylonitrile	5.800	53	3972	4.412	ug/l #	32
16) Acetone	4.430	43	10946	10.687	ug/l #	71
17) Carbon Disulfide	4.724	76	1437	0.247	ug/l #	75
18) Methyl Acetate	5.012	43	1394	0.424	ug/l #	42
19) Methyl tert-butyl Ether	5.800	73	93964	13.631	ug/l #	1
20) Methylene Chloride	5.283	84	804	0.375	ug/l #	27
25) 2-Butanone	7.494	43	3768	3.096	ug/l #	82
30) Chloroform	7.941	83	3146	0.711	ug/l #	43
31) Cyclohexane	8.259	56	28411	8.567	ug/l #	89
36) 1,1-Dichloropropene	8.224	75	14525	4.099	ug/l #	50
37) Ethyl Acetate	7.494	43	3768	1.533	ug/l #	65
38) Carbon Tetrachloride	8.224	117	21099	4.692	ug/l #	16
39) Methylcyclohexane	9.600	83	31656	9.266	ug/l #	87
40) Benzene	8.606	78	2457364	244.018	ug/l	100
41) Methacrylonitrile	7.835	41	667	0.494	ug/l #	29
42) 1,2-Dichloroethane	8.606	62	25363	6.156	ug/l	84
43) Isopropyl Acetate	8.777	43	325631	68.085	ug/l #	5
47) Bromodichloromethane	9.877	83	2901	0.744	ug/l #	26
48) Methyl methacrylate	9.729	41	1218	0.494	ug/l #	24
51) 4-Methyl-2-Pentanone	10.571	43	8141	3.288	ug/l	99
52) Toluene	10.629	92	238496	37.843	ug/l	98
53) t-1,3-Dichloropropene	10.635	75	3779	0.944	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	14707	6.114	ug/l #	22
56) Ethyl methacrylate	10.853	69	1131	0.460	ug/l #	32
59) 2-Hexanone	11.241	43	1502	0.755	ug/l	63
60) Dibromochloromethane	11.106	129	602	0.209	ug/l #	11
67) Ethyl Benzene	11.965	91	1144061	80.263	ug/l	97
68) m/p-Xylenes	12.070	106	676307	130.132	ug/l	88
69) o-Xylene	12.400	106	176826	36.103	ug/l	88
70) Styrene	12.400	104	10287	1.411	ug/l #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080371.D
 Acq On : 05 Dec 2023 17:44
 Operator : JC\MD
 Sample : 05622-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 00:54:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

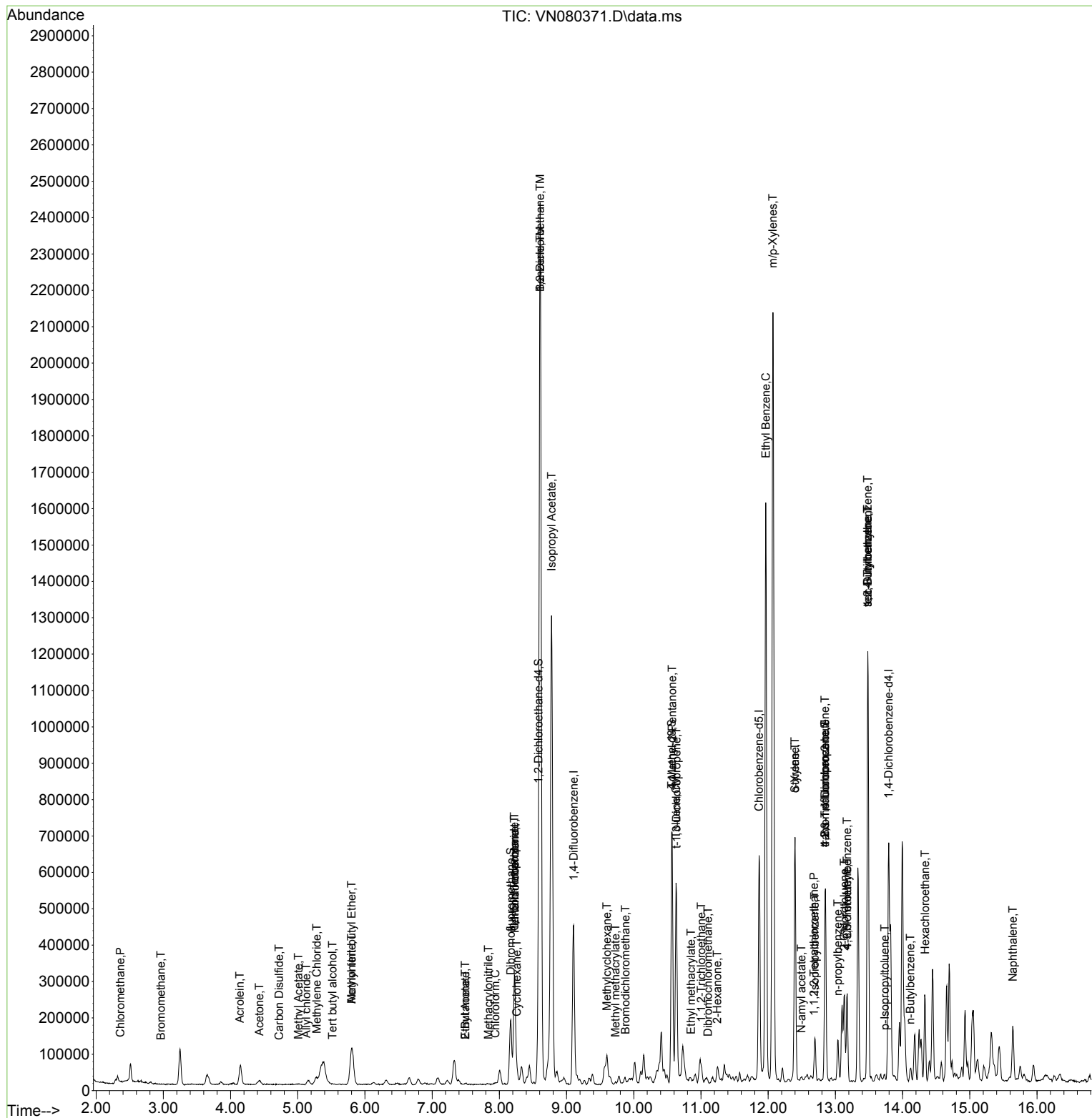
73) Isopropylbenzene	12.694	105	67992	5.100	ug/l	98
74) N-amyl acetate	12.494	43	1177	0.283	ug/l #	10
75) 1,1,2,2-Tetrachloroethane	12.682	83	1311	0.329	ug/l	64
76) 1,2,3-Trichloropropane	12.847	75	104759	24.923	ug/l #	1
78) n-propylbenzene	13.035	91	84476	5.667	ug/l	99
79) 2-Chlorotoluene	13.135	91	19266	1.990	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	131365	11.320	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.847	75	104759	84.203	ug/l #	15
82) 4-Chlorotoluene	13.176	91	15987	1.612	ug/l #	41
83) tert-Butylbenzene	13.482	119	84884	9.121	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.482	105	689456	60.337	ug/l	99
85) sec-Butylbenzene	13.482	105	689456	58.565	ug/l #	57
86) p-Isopropyltoluene	13.735	119	9689	0.921	ug/l #	74
89) n-Butylbenzene	14.117	91	4827	0.548	ug/l #	11
90) Hexachloroethane	14.335	117	13638	6.652	ug/l #	21
95) Naphthalene	15.641	128	133612	13.671	ug/l	99

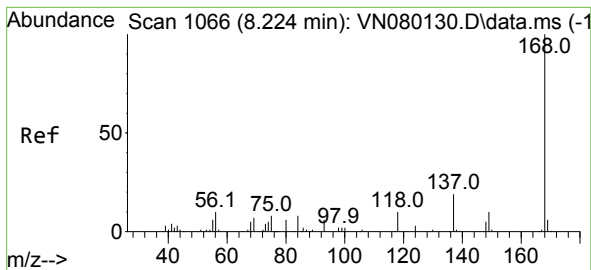
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080371.D
 Acq On : 05 Dec 2023 17:44
 Operator : JC\MD
 Sample : 05622-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 00:54:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

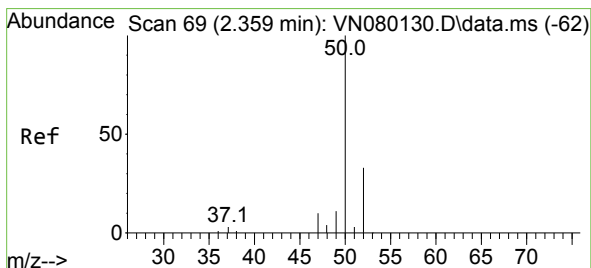
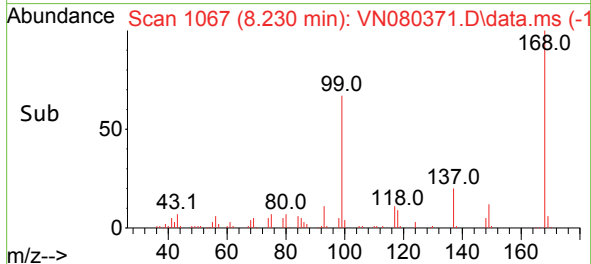
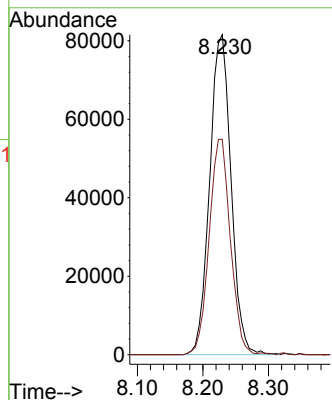
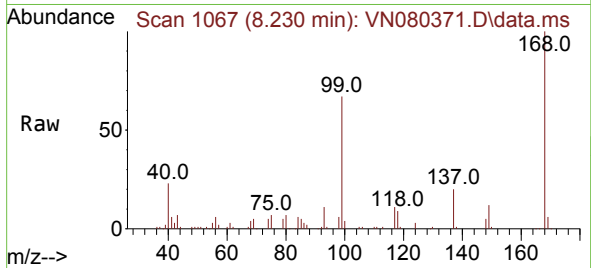




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

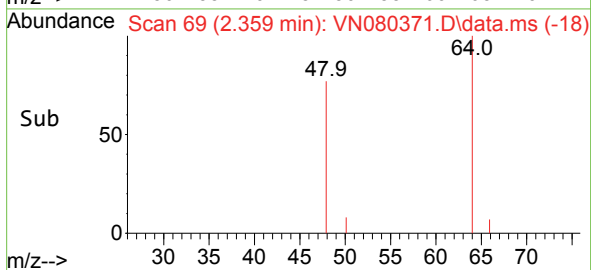
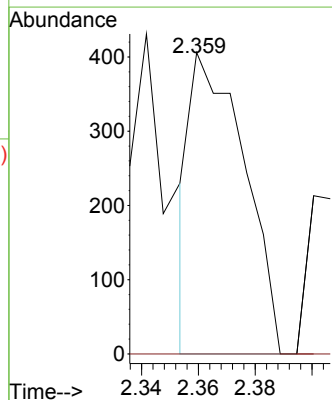
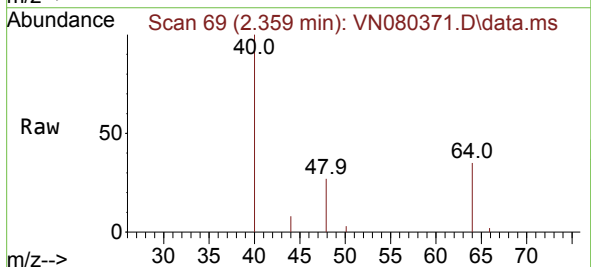
Instrument :
MSVOA_N
ClientSampleId :

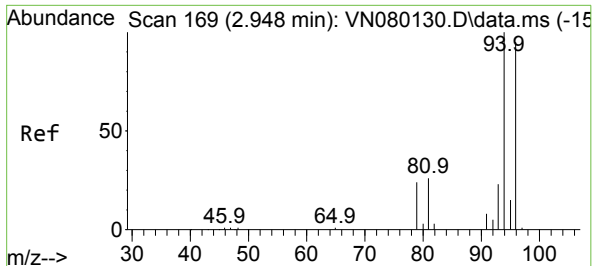
Tgt Ion:168 Resp: 184680
Ion Ratio Lower Upper
168 100
99 67.3 53.0 79.6



#3
Chloromethane
Concen: 0.258 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 50 Resp: 534
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

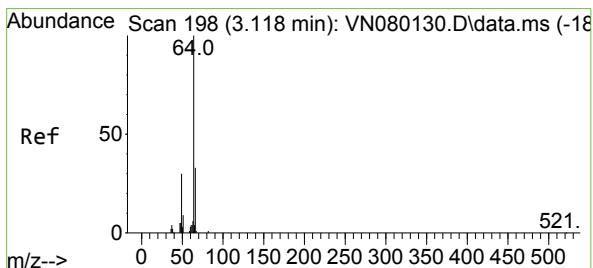
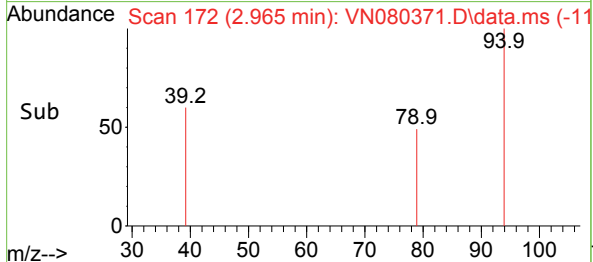
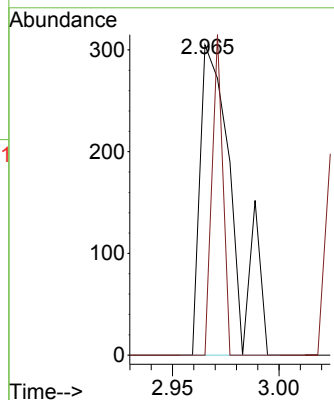
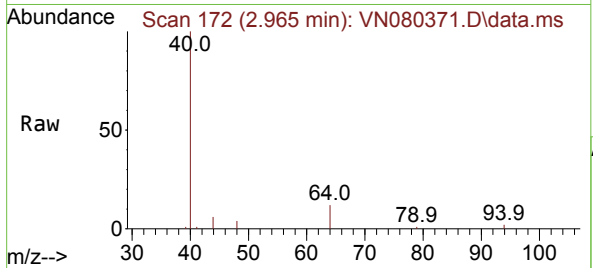




#5
Bromomethane
Concen: 0.218 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

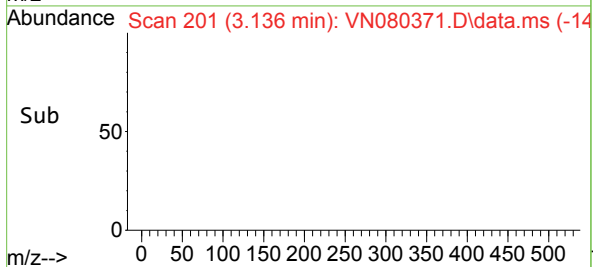
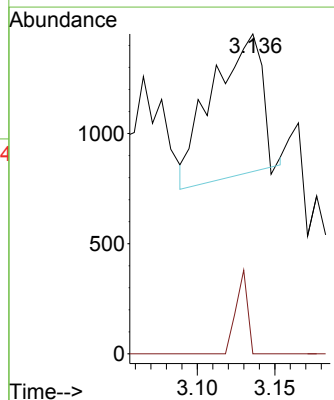
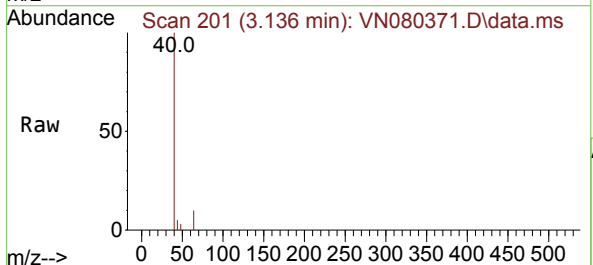
Instrument :
MSVOA_N
ClientSampleId :

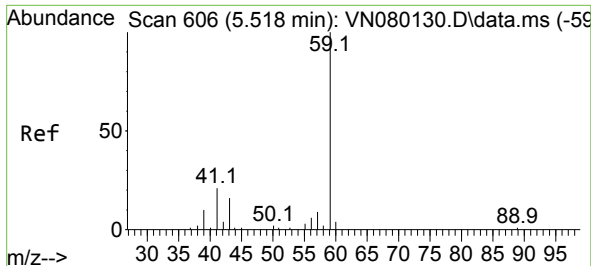
Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 64 Resp: 1422
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

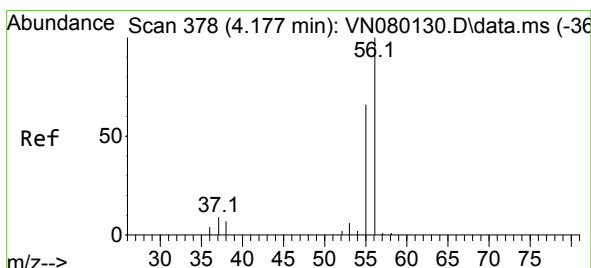
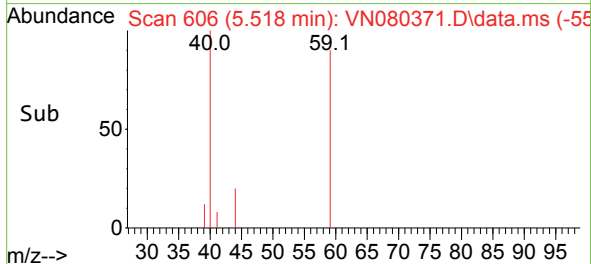
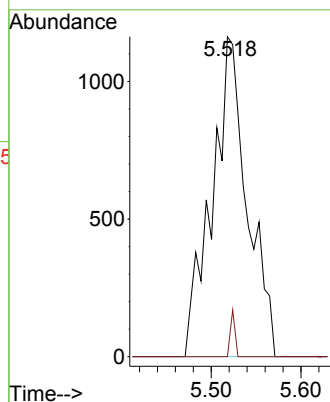
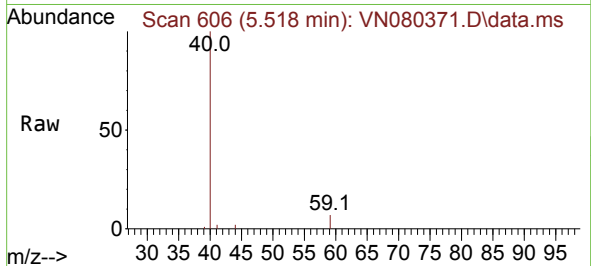




#11
Tert butyl alcohol
Concen: 9.471 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

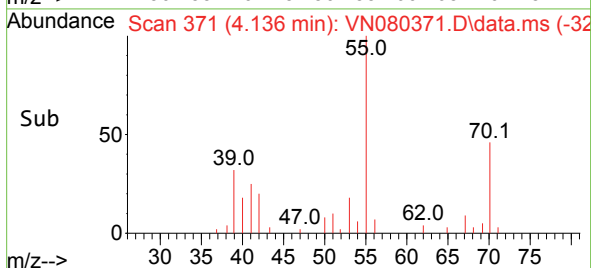
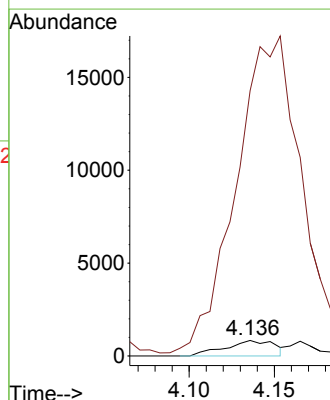
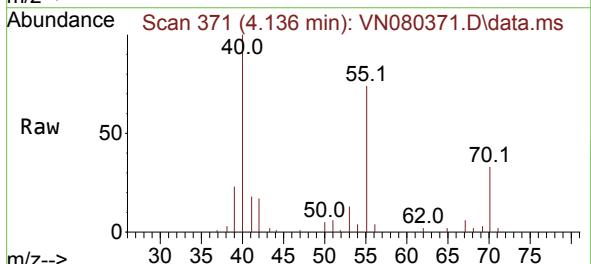
Instrument :
MSVOA_N
ClientSampleId :

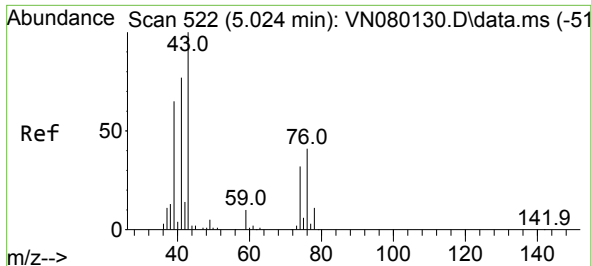
Tgt Ion: 59 Resp: 3176
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 5.681 ug/l
RT: 4.136 min Scan# 371
Delta R.T. -0.041 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

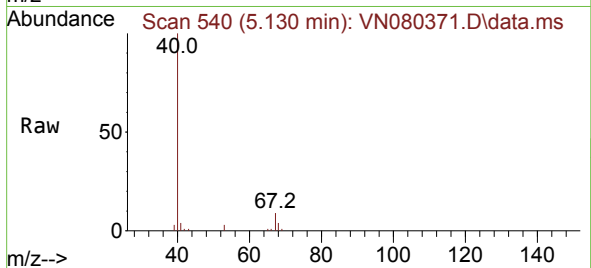
Tgt Ion: 56 Resp: 1686
Ion Ratio Lower Upper
56 100
55 2781.6 54.5 81.7#



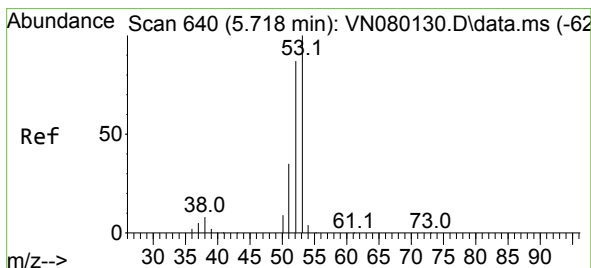
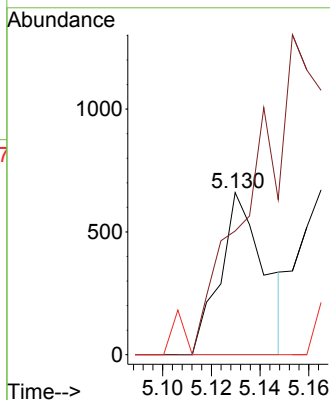
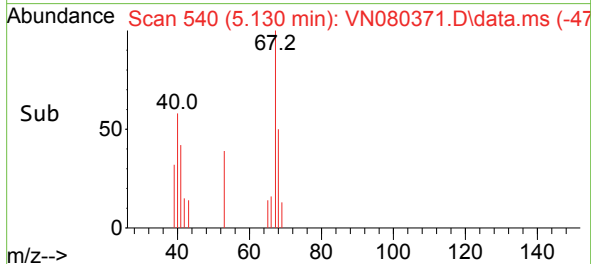


#14
 Allyl chloride
 Concen: 0.338 ug/l
 RT: 5.130 min Scan# 54
 Delta R.T. 0.106 min
 Lab File: VN080371.D
 Acq: 05 Dec 2023 17:44

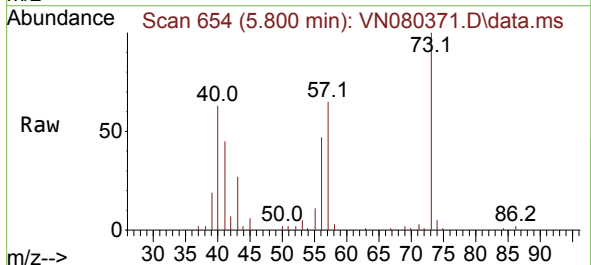
Instrument :
 MSVOA_N
 ClientSampleId :



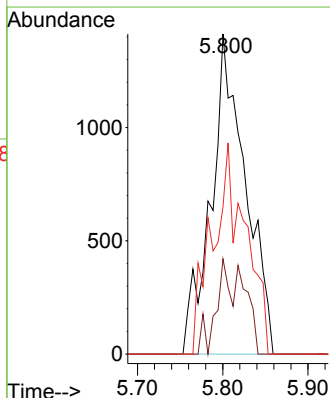
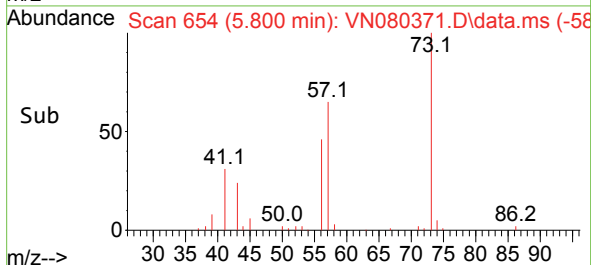
Tgt Ion: 41 Resp: 830
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.8 88.2#
 76 0.0 39.1 58.7#

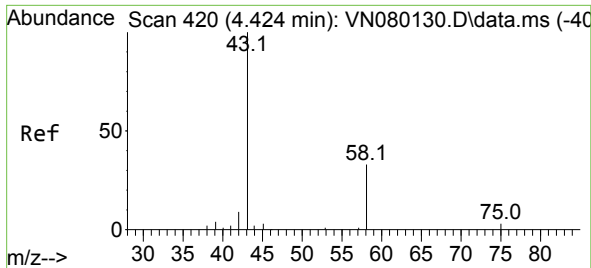


#15
 Acrylonitrile
 Concen: 4.412 ug/l
 RT: 5.800 min Scan# 654
 Delta R.T. 0.082 min
 Lab File: VN080371.D
 Acq: 05 Dec 2023 17:44



Tgt Ion: 53 Resp: 3972
 Ion Ratio Lower Upper
 53 100
 52 13.0 65.3 97.9#
 51 63.7 28.9 43.3#





#16

Acetone

Concen: 10.687 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

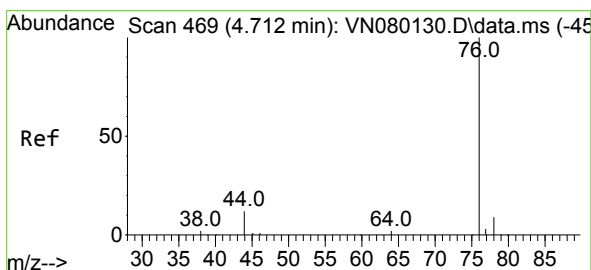
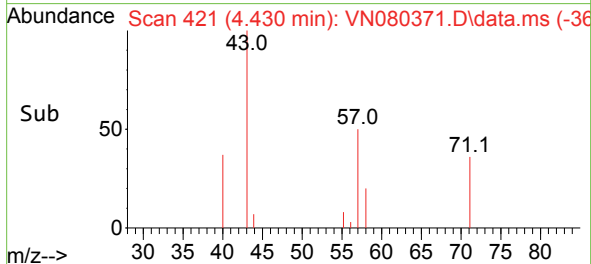
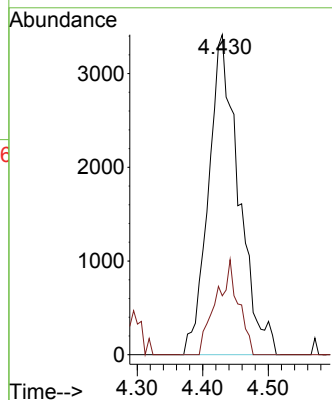
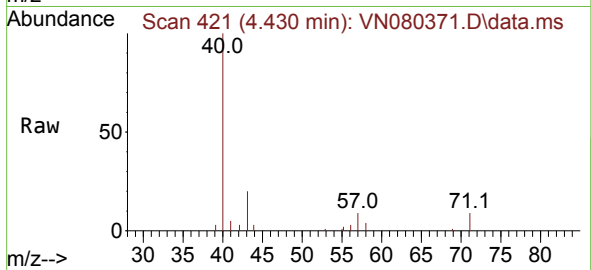
ClientSampleId :

Tgt Ion: 43 Resp: 10946

Ion Ratio Lower Upper

43 100

58 18.4 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.247 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.012 min

Lab File: VN080371.D

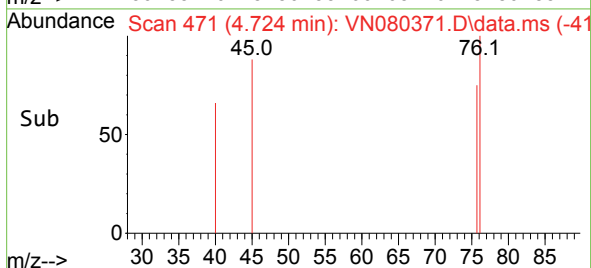
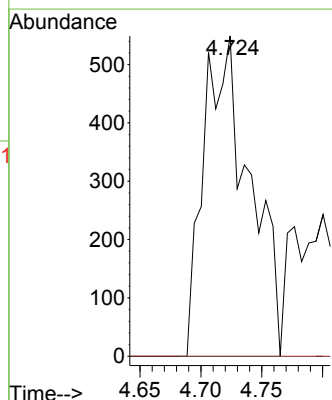
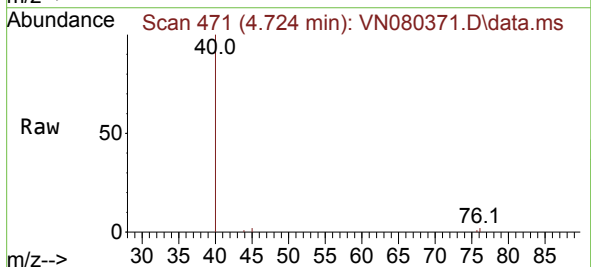
Acq: 05 Dec 2023 17:44

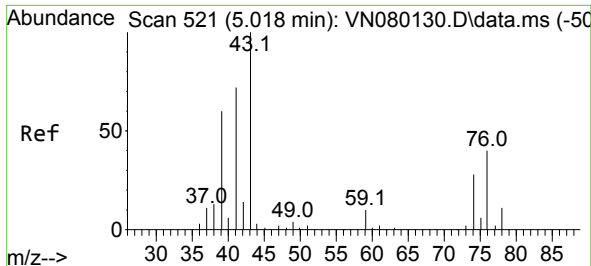
Tgt Ion: 76 Resp: 1437

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

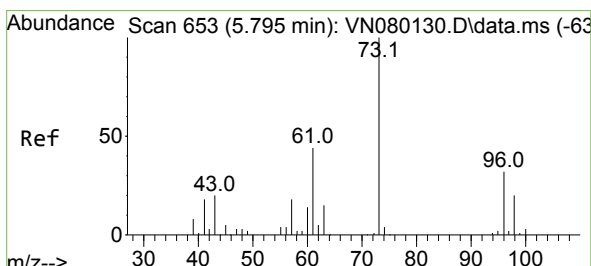
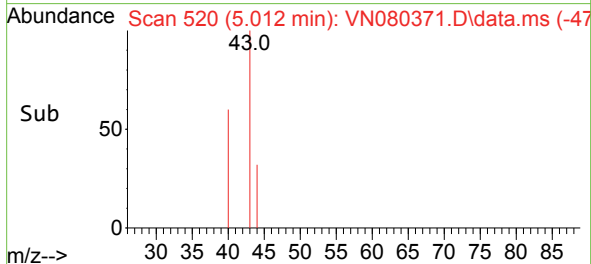
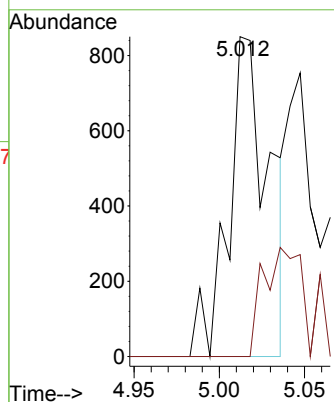
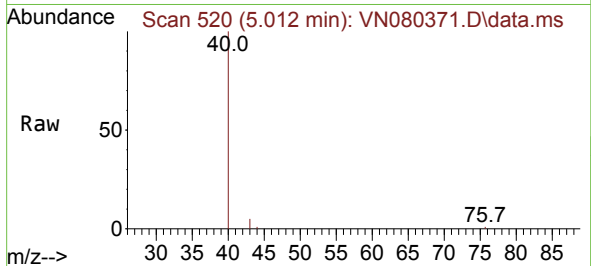




#18
Methyl Acetate
Concen: 0.424 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

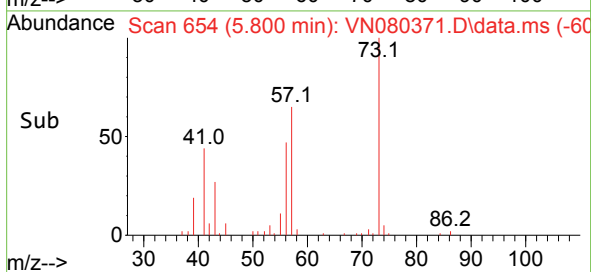
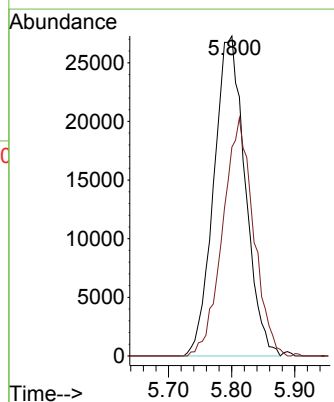
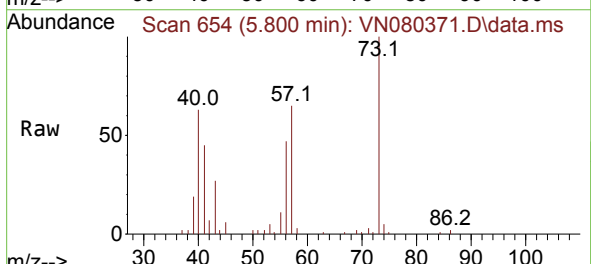
Instrument :
MSVOA_N
ClientSampleId :

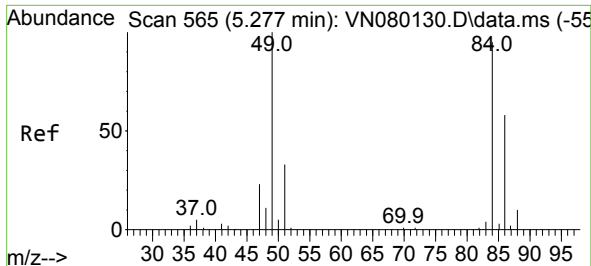
Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#19
Methyl tert-butyl Ether
Concen: 13.631 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

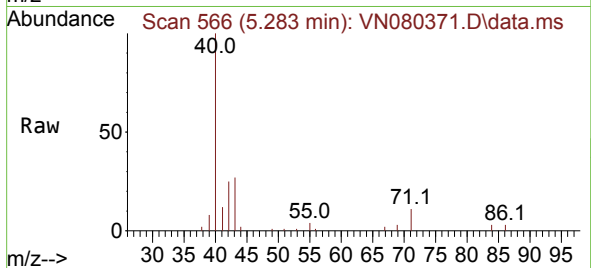
Tgt Ion: 73 Resp: 93964
Ion Ratio Lower Upper
73 100
57 65.2 15.6 23.4#



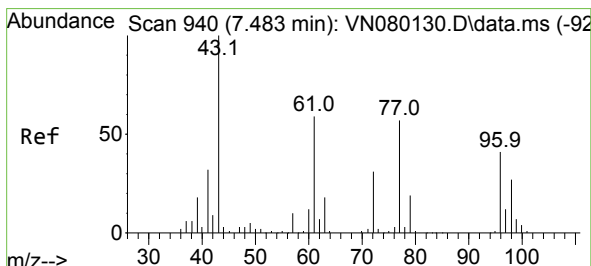
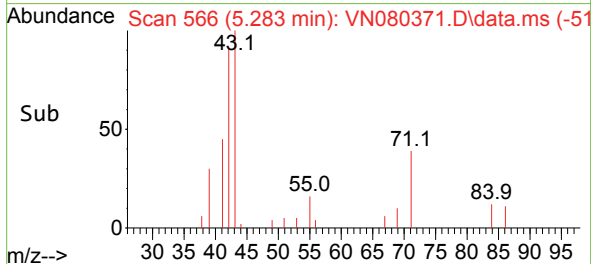
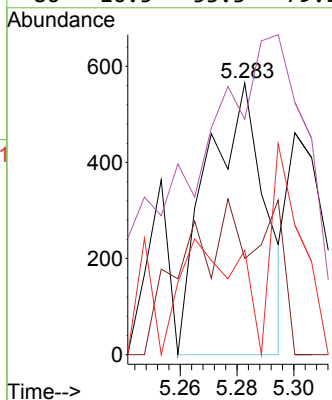


#20
Methylene Chloride
Concen: 0.375 ug/l
RT: 5.283 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Instrument :
MSVOA_N
ClientSampleId :

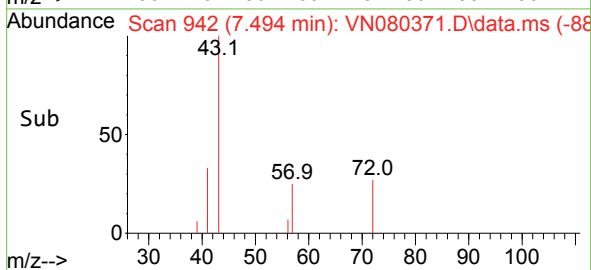
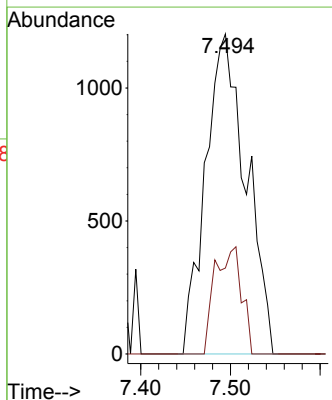
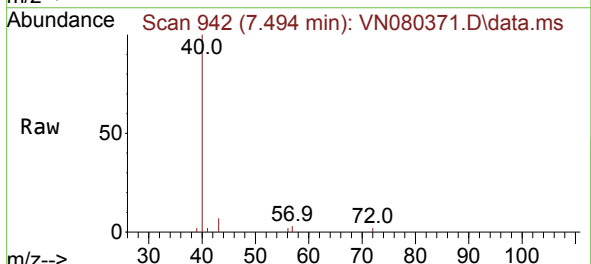


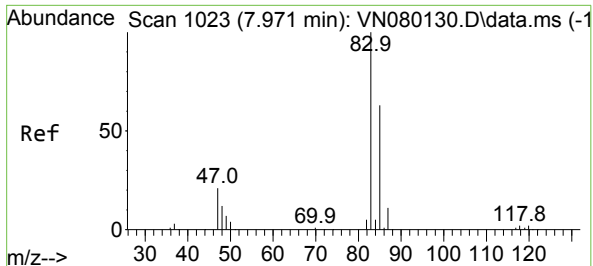
Tgt Ion: 84 Resp: 804
Ion Ratio Lower Upper
84 100
49 7.4 79.7 119.5#
51 11.7 25.2 37.8#
86 16.5 53.3 79.9#



#25
2-Butanone
Concen: 3.096 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 43 Resp: 3768
Ion Ratio Lower Upper
43 100
72 26.8 30.2 45.2#





#30

Chloroform

Concen: 0.711 ug/l

RT: 7.941 min Scan# 1018

Delta R.T. -0.030 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

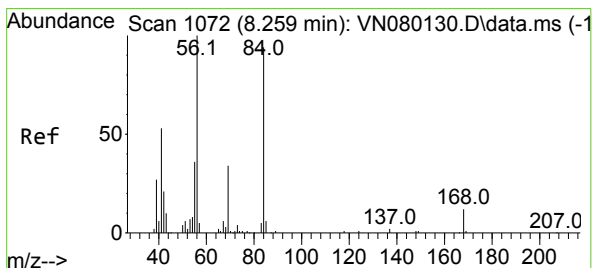
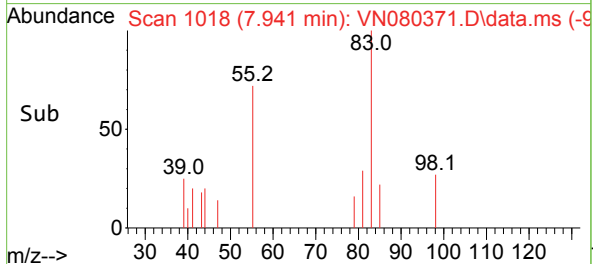
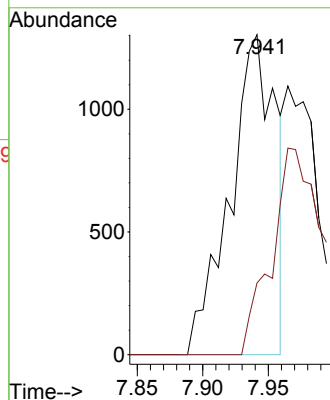
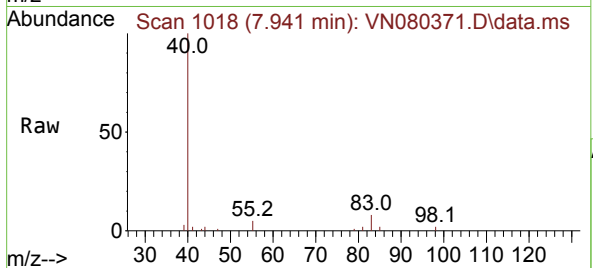
ClientSampleId :

Tgt Ion: 83 Resp: 3146

Ion Ratio Lower Upper

83 100

85 22.4 55.4 83.0#



#31

Cyclohexane

Concen: 8.567 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

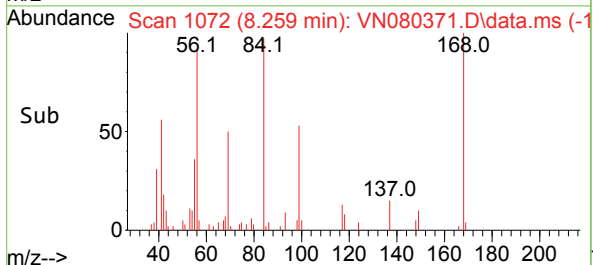
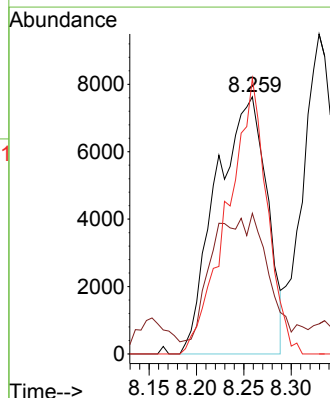
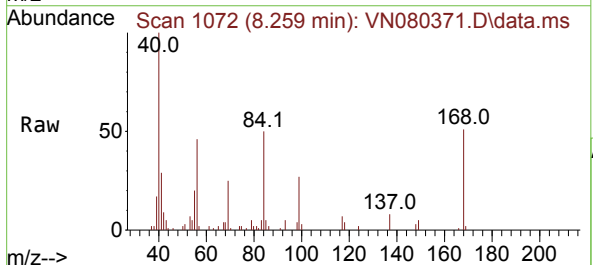
Tgt Ion: 56 Resp: 28411

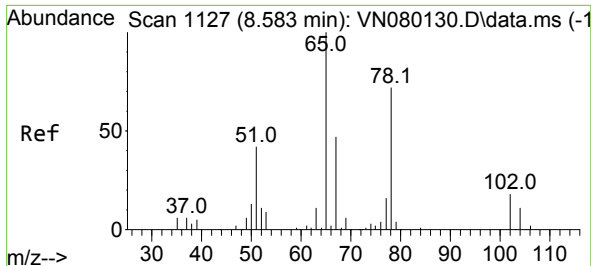
Ion Ratio Lower Upper

56 100

69 50.0 26.8 40.2#

84 107.2 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 49.824 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

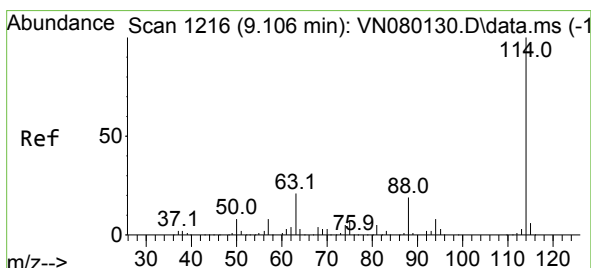
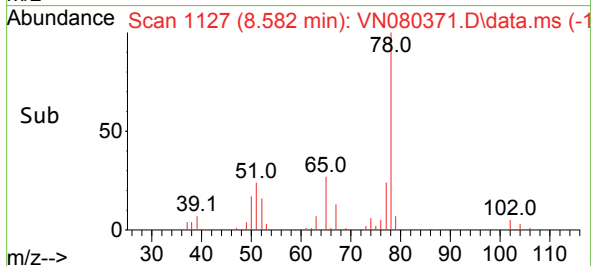
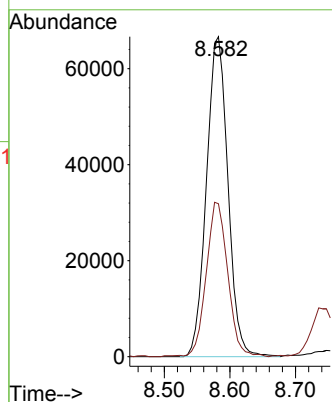
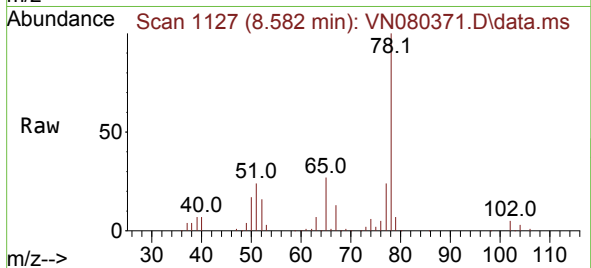
ClientSampleId :

Tgt Ion: 65 Resp: 151931

Ion Ratio Lower Upper

65 100

67 48.5 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: VN080371.D

Acq: 05 Dec 2023 17:44

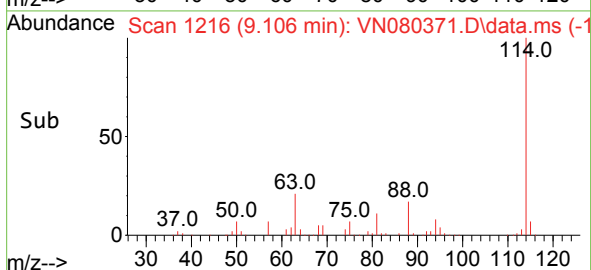
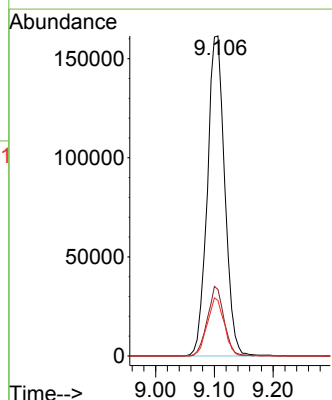
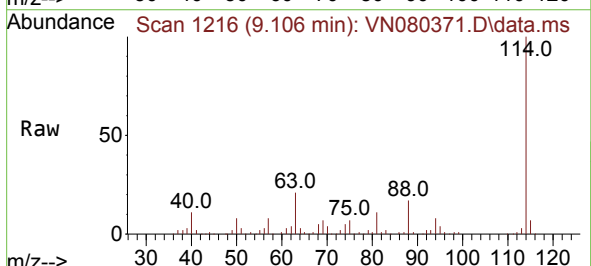
Tgt Ion:114 Resp: 331679

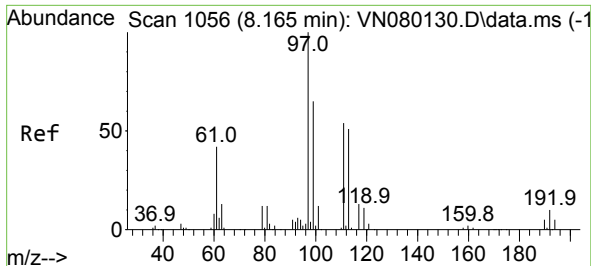
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

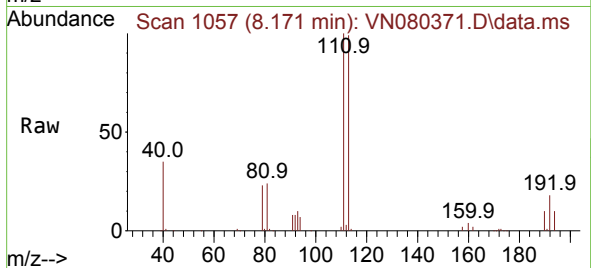
88 17.4 0.0 30.6



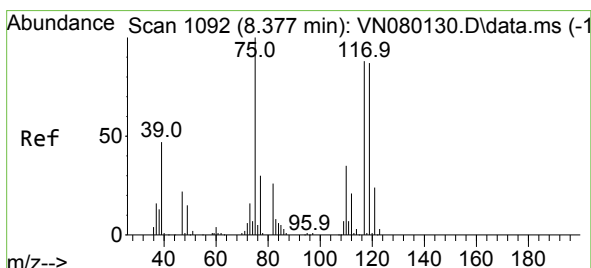
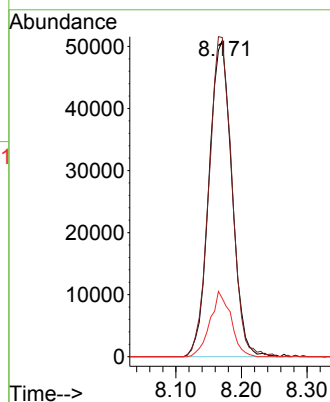
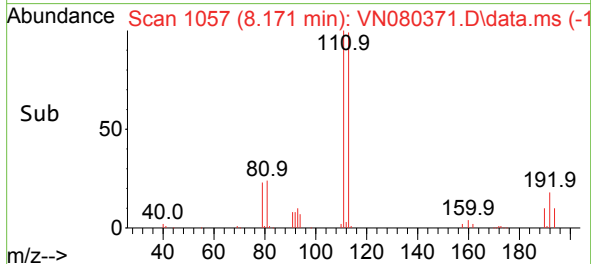


#35
Dibromofluoromethane
Concen: 50.337 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Instrument :
MSVOA_N
ClientSampleId :

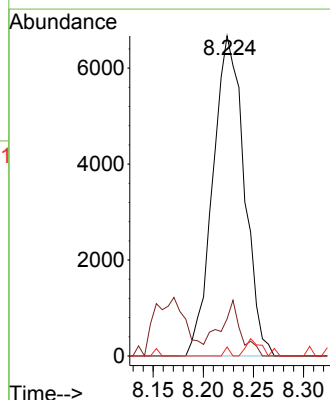
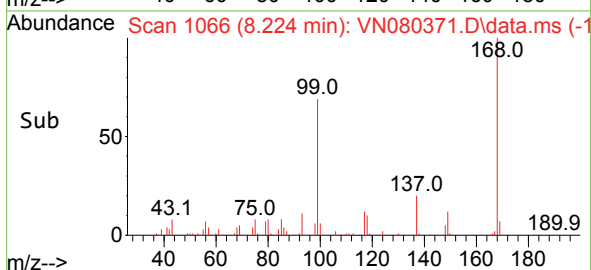
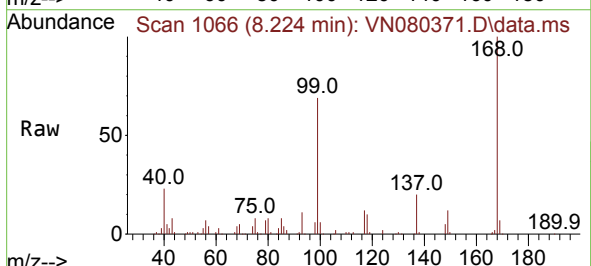


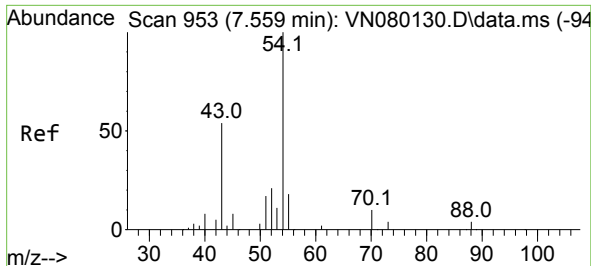
Tgt Ion:113 Resp: 123192
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 18.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.099 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 75 Resp: 14525
Ion Ratio Lower Upper
75 100
110 11.7 19.1 57.3#
77 0.0 25.0 37.4#

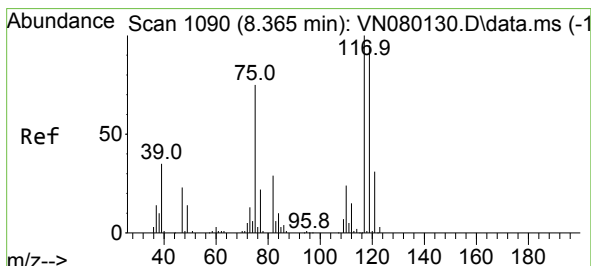
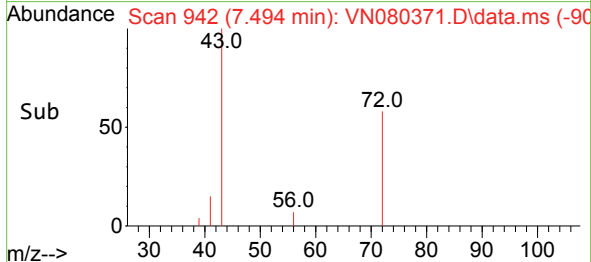
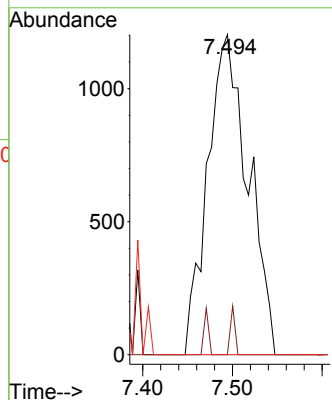
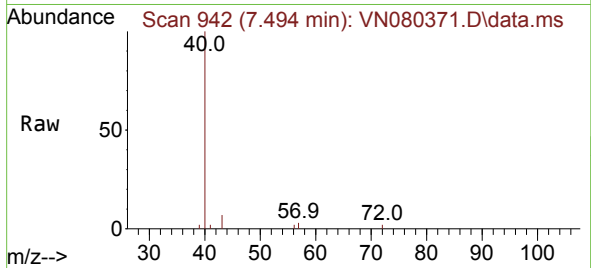




#37
Ethyl Acetate
Concen: 1.533 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.065 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

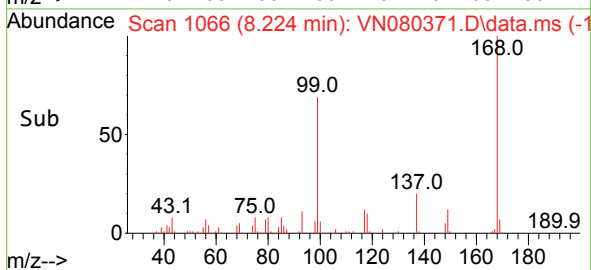
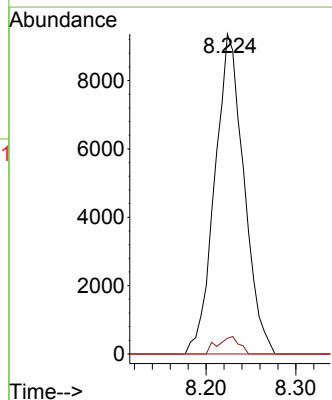
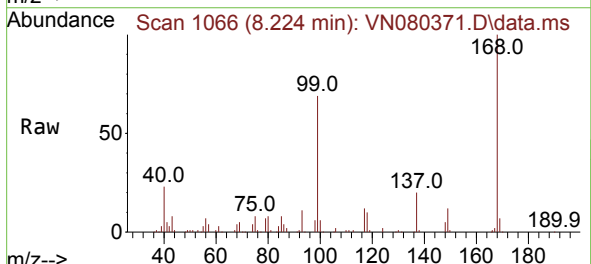
Instrument :
MSVOA_N
ClientSampleId :

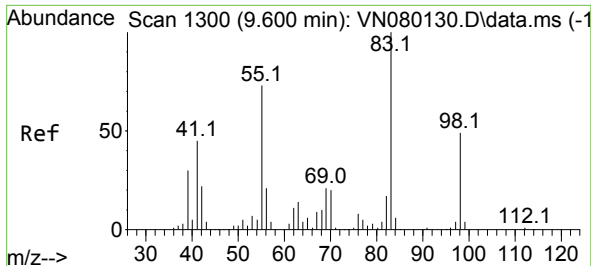
Tgt Ion: 43 Resp: 3768
Ion Ratio Lower Upper
43 100
61 1.7 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 4.692 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 117 Resp: 21099
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 9.266 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :

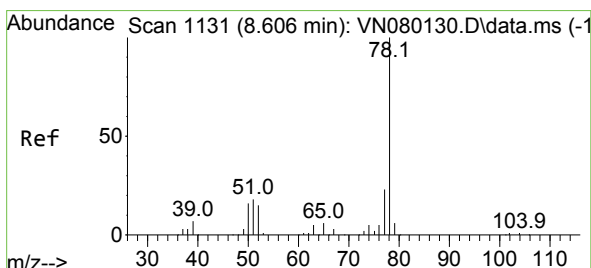
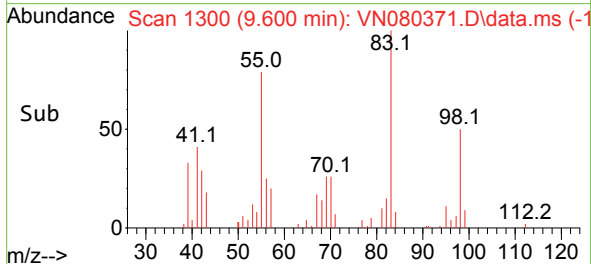
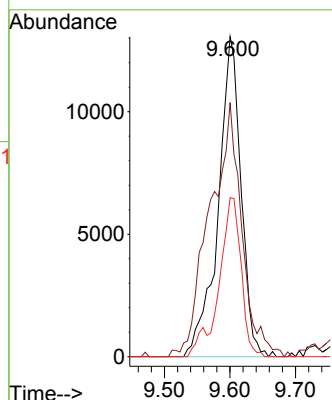
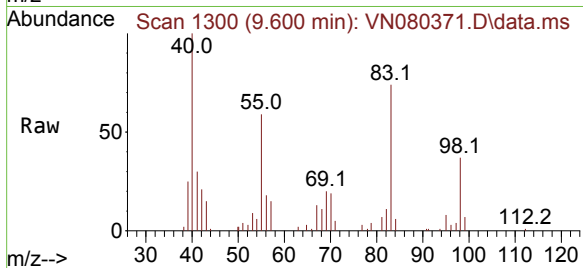
Tgt Ion: 83 Resp: 31656

Ion Ratio Lower Upper

83 100

55 78.0 49.1 73.7#

98 49.7 40.6 61.0



#40

Benzene

Concen: 244.018 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080371.D

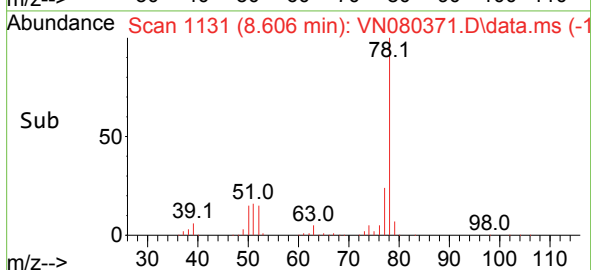
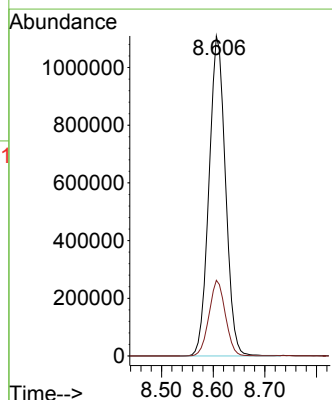
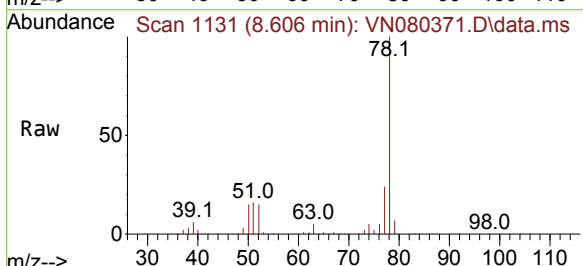
Acq: 05 Dec 2023 17:44

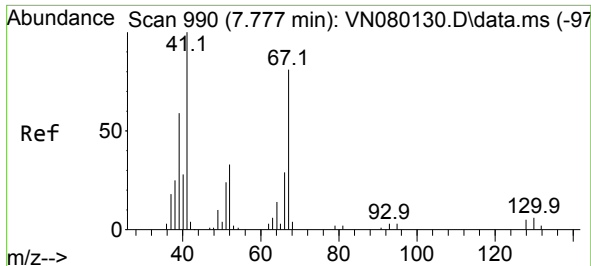
Tgt Ion: 78 Resp: 2457364

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

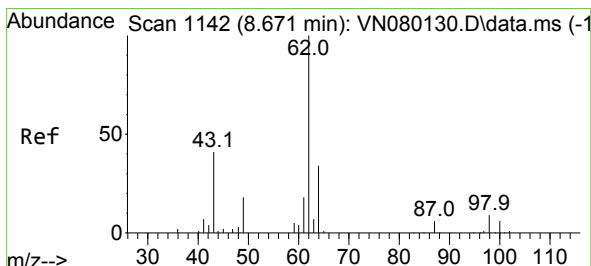
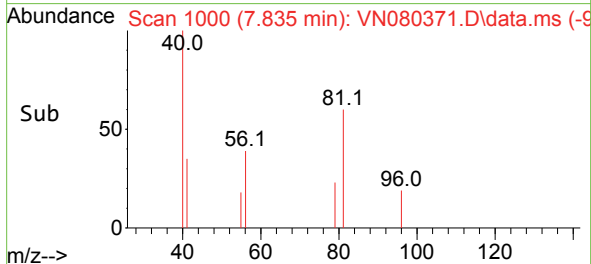
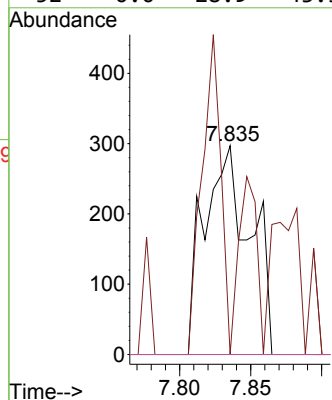
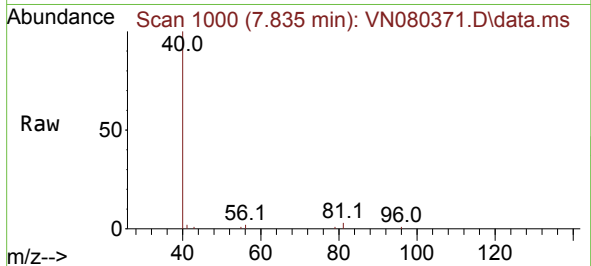




#41
Methacrylonitrile
Concen: 0.494 ug/l
RT: 7.835 min Scan# 1100
Delta R.T. 0.059 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

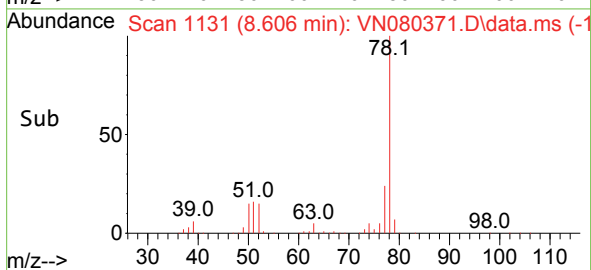
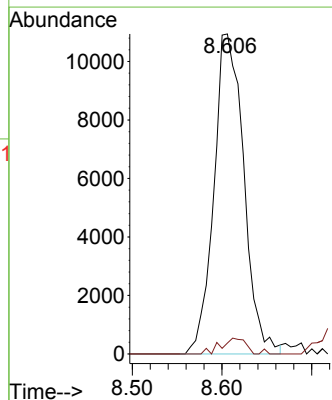
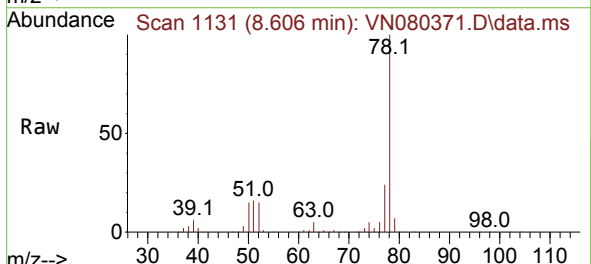
Instrument :
MSVOA_N
ClientSampleId :

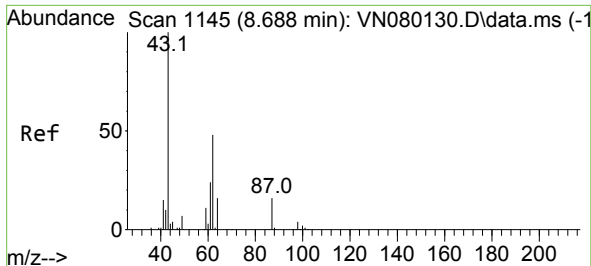
Tgt Ion: 41 Resp: 667
Ion Ratio Lower Upper
41 100
39 33.3 42.6 64.0#
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#



#42
1,2-Dichloroethane
Concen: 6.156 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.065 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

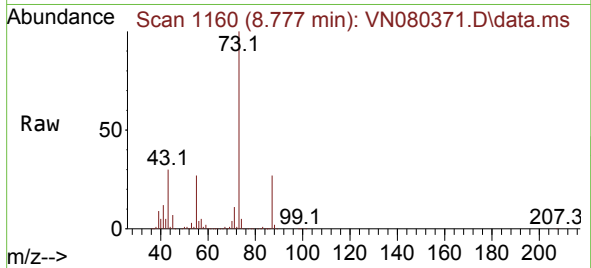
Tgt Ion: 62 Resp: 25363
Ion Ratio Lower Upper
62 100
98 4.1 0.0 19.8



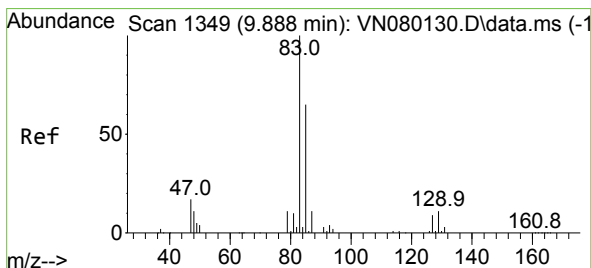
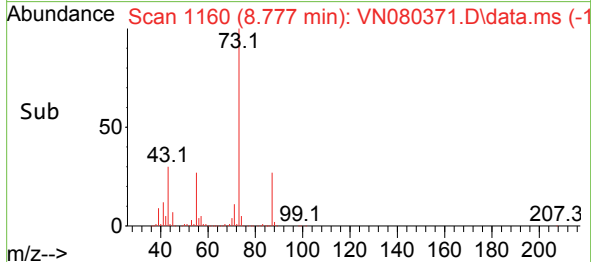
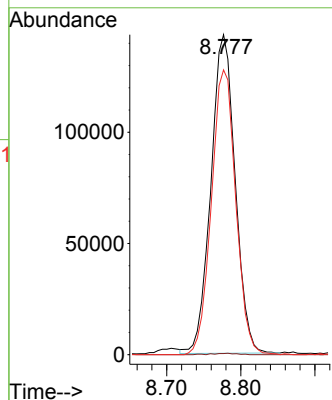


#43
Isopropyl Acetate
Concen: 68.085 ug/l
RT: 8.777 min Scan# 1145
Delta R.T. 0.088 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Instrument :
MSVOA_N
ClientSampleId :

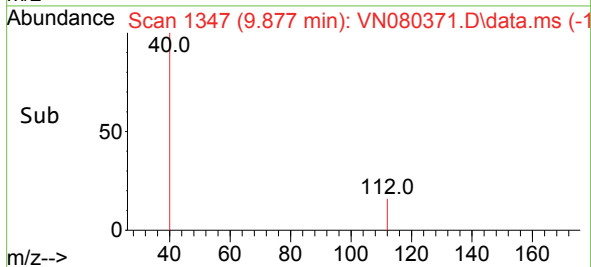
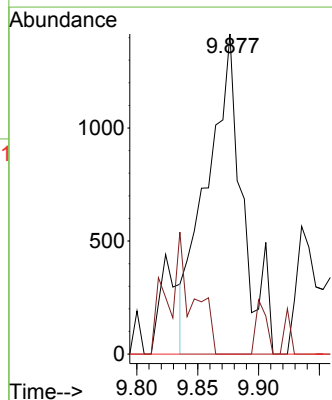
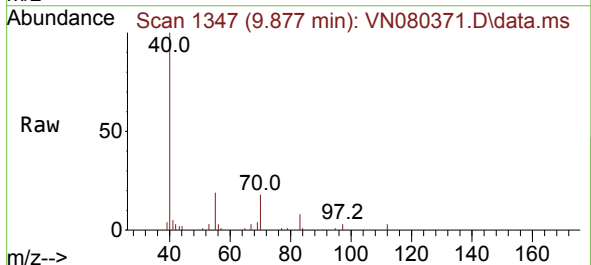


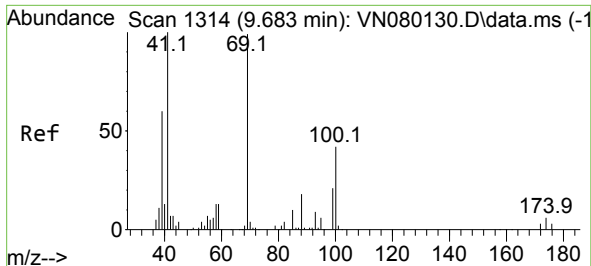
Tgt Ion: 43 Resp: 325631
Ion Ratio Lower Upper
43 100
61 0.4 24.7 37.1#
87 89.7 14.6 21.8#



#47
Bromodichloromethane
Concen: 0.744 ug/l
RT: 9.877 min Scan# 1347
Delta R.T. -0.012 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

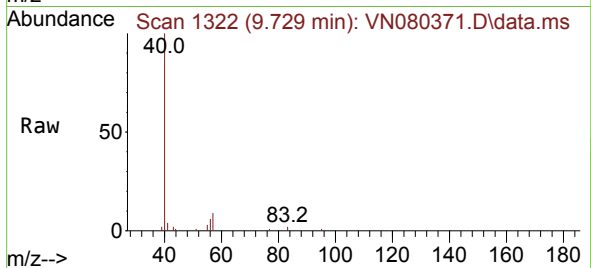
Tgt Ion: 83 Resp: 2901
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#



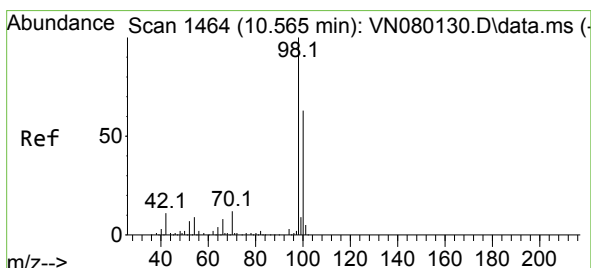
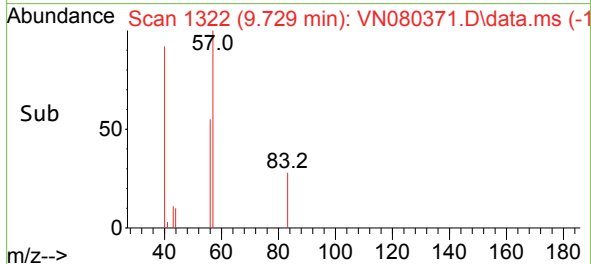
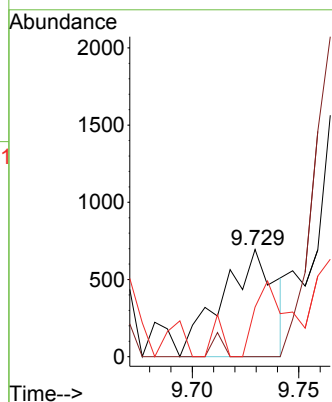


#48
Methyl methacrylate
Concen: 0.494 ug/l
RT: 9.729 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Instrument :
MSVOA_N
ClientSampleId :

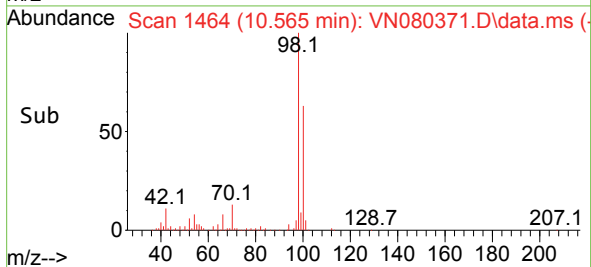
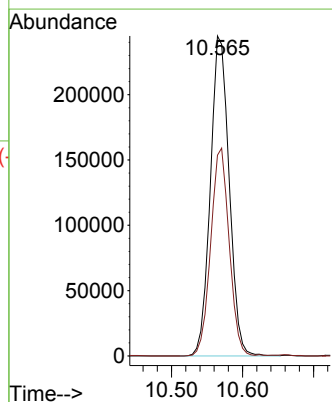
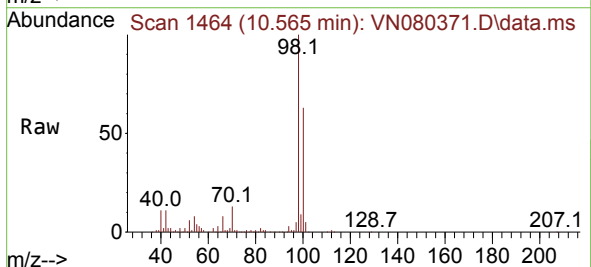


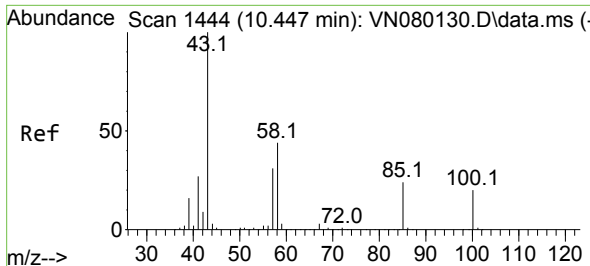
Tgt Ion: 41 Resp: 1218
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 45.3 54.6 81.8#



#50
Toluene-d8
Concen: 50.923 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 98 Resp: 449257
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

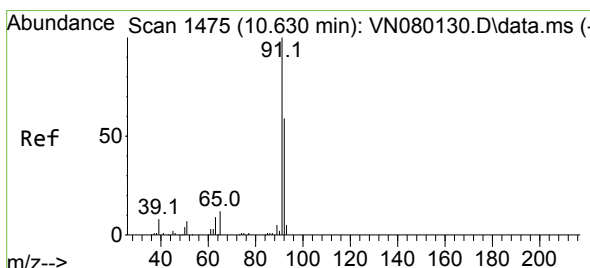
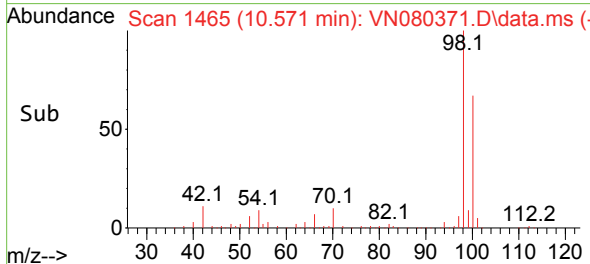
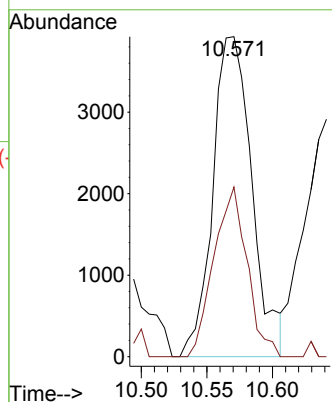
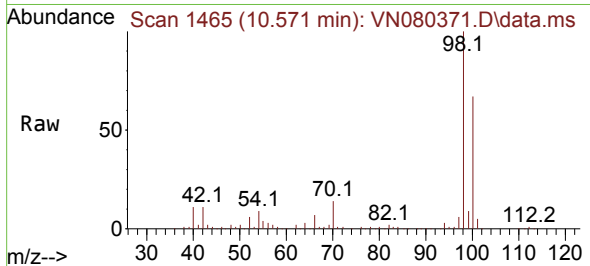




#51
4-Methyl-2-Pentanone
Concen: 3.288 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

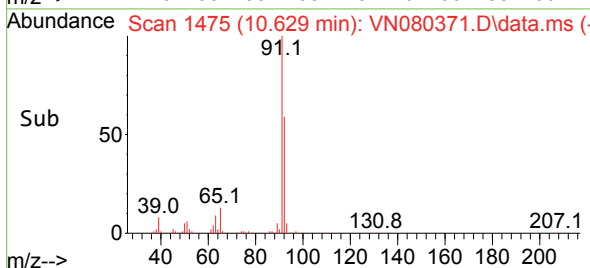
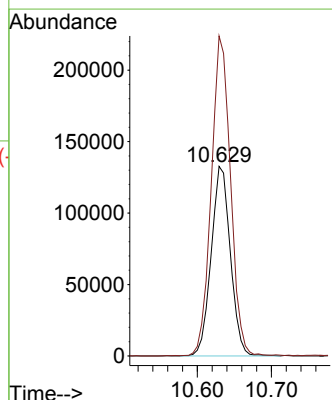
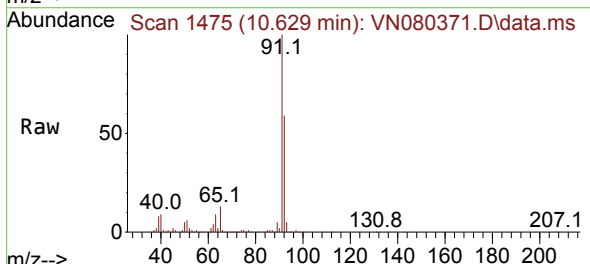
Instrument :
MSVOA_N
ClientSampleId :

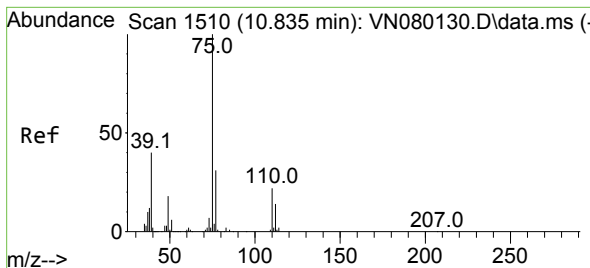
Tgt Ion: 43 Resp: 8141
Ion Ratio Lower Upper
43 100
58 45.0 36.6 54.8



#52
Toluene
Concen: 37.843 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 92 Resp: 238496
Ion Ratio Lower Upper
92 100
91 168.8 137.4 206.0

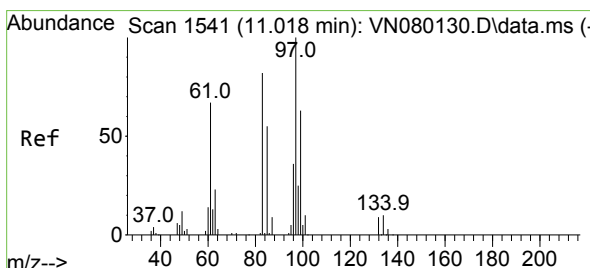
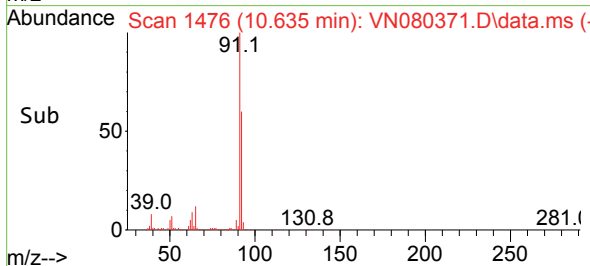
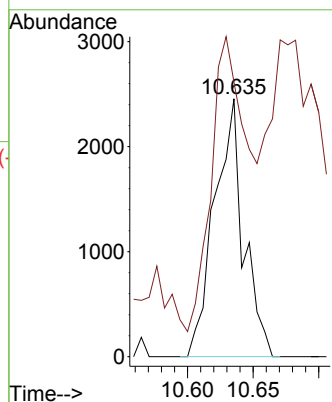
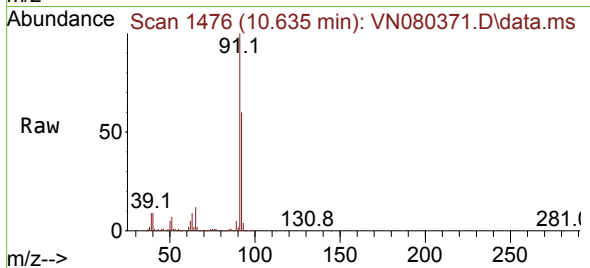




#53
t-1,3-Dichloropropene
Concen: 0.944 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.200 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

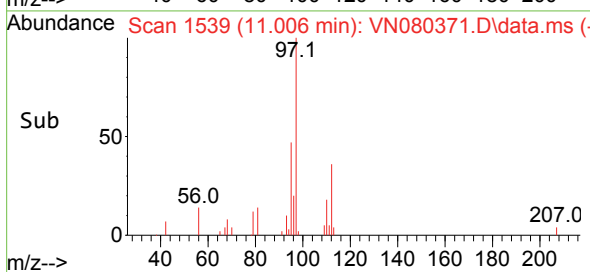
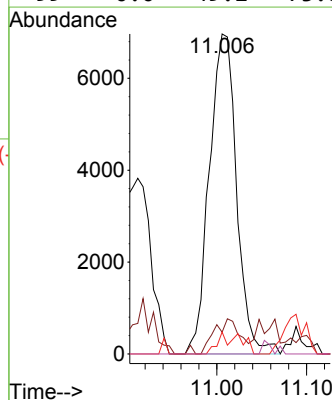
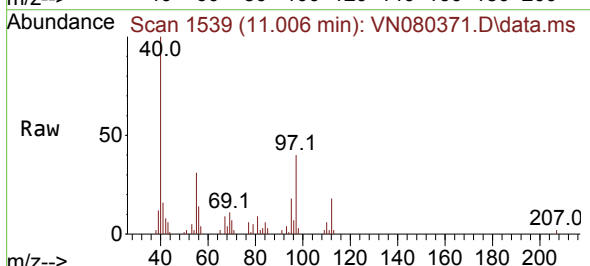
Instrument :
MSVOA_N
ClientSampleId :

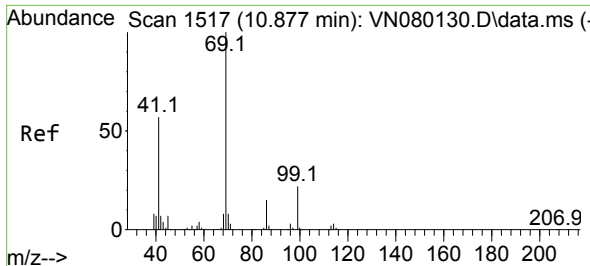
Tgt Ion: 75 Resp: 3779
Ion Ratio Lower Upper
75 100
77 92.1 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 6.114 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

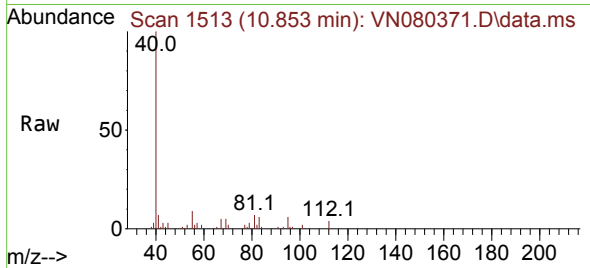
Tgt Ion: 97 Resp: 14707
Ion Ratio Lower Upper
97 100
83 6.8 65.1 97.7#
85 6.8 43.4 65.2#
99 0.0 49.2 73.8#



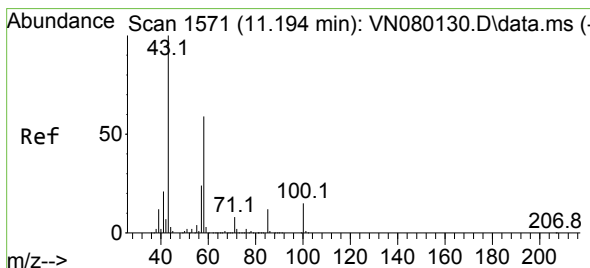
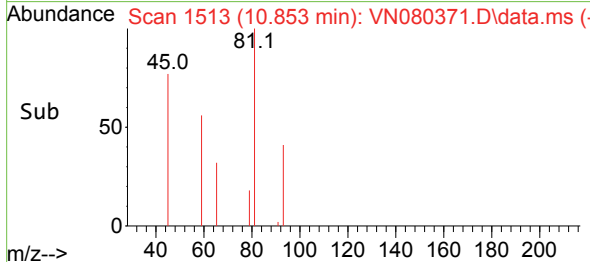
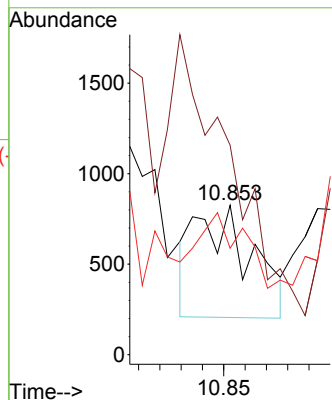


#56
Ethyl methacrylate
Concen: 0.460 ug/l
RT: 10.853 min Scan# 1131
Delta R.T. -0.024 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Instrument :
MSVOA_N
ClientSampleId :

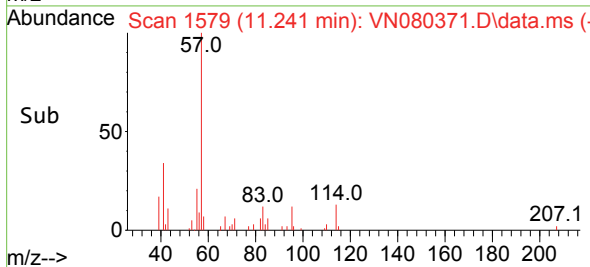
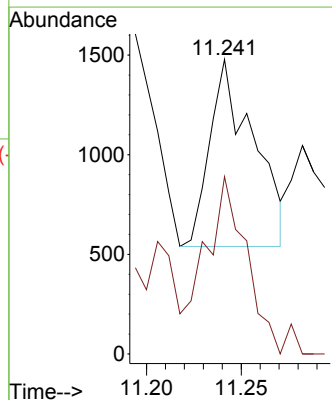
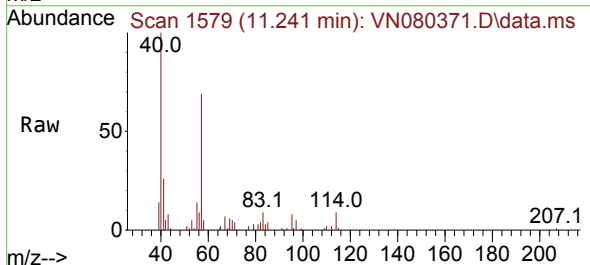


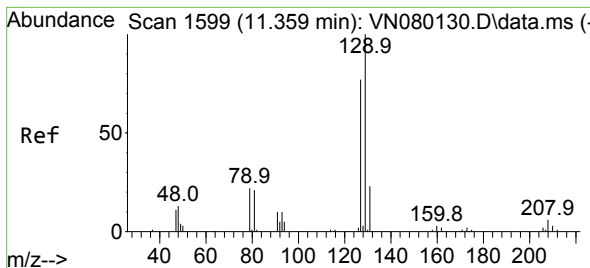
Tgt Ion: 69 Resp: 1131
Ion Ratio Lower Upper
69 100
41 0.0 39.6 59.4#
39 0.0 28.6 43.0#



#59
2-Hexanone
Concen: 0.755 ug/l
RT: 11.241 min Scan# 1579
Delta R.T. 0.047 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 43 Resp: 1502
Ion Ratio Lower Upper
43 100
58 92.1 31.7 95.1





#60

Dibromochloromethane

Concen: 0.209 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.253 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

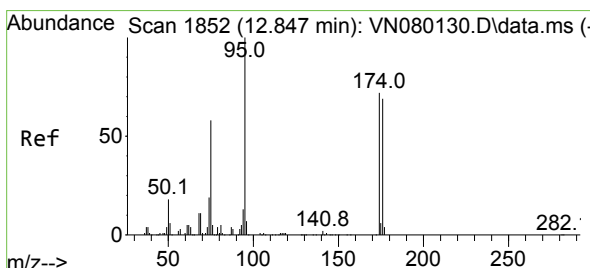
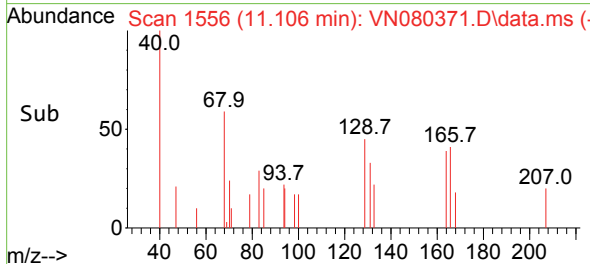
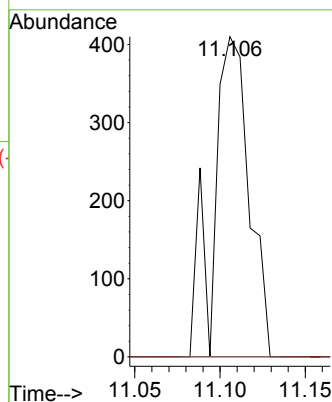
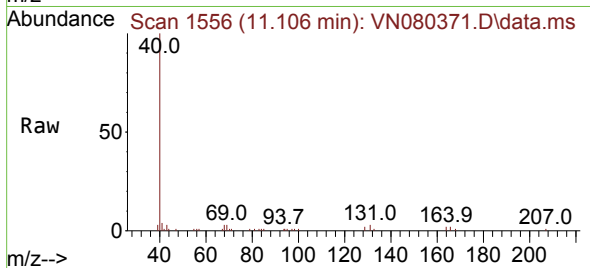
ClientSampleId :

Tgt Ion:129 Resp: 602

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#



#62

4-Bromofluorobenzene

Concen: 55.703 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

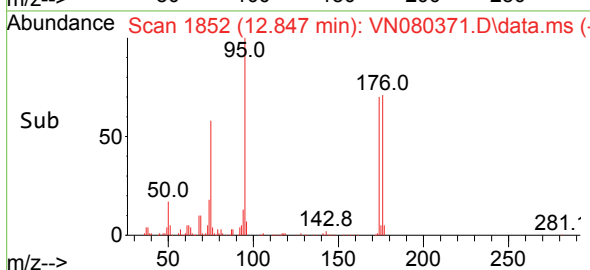
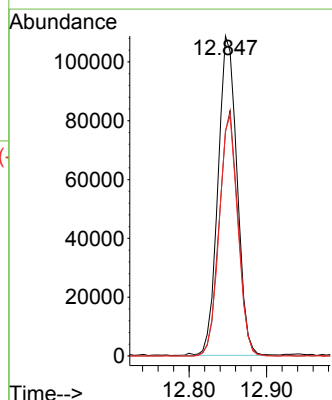
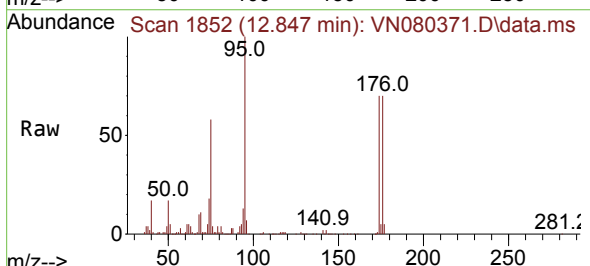
Tgt Ion: 95 Resp: 185619

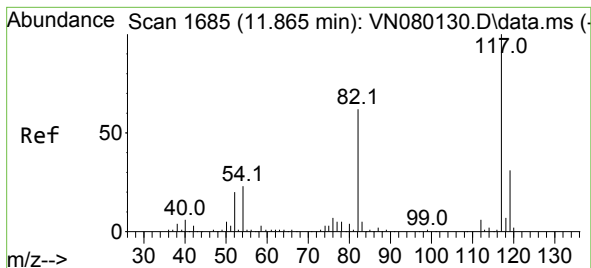
Ion Ratio Lower Upper

95 100

174 75.3 0.0 143.8

176 73.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :

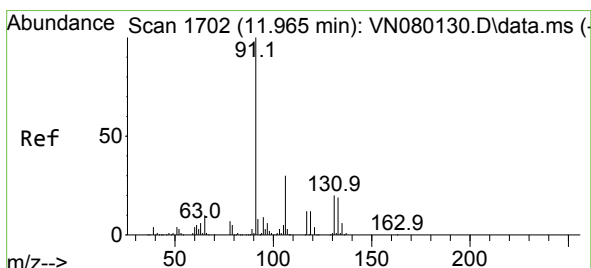
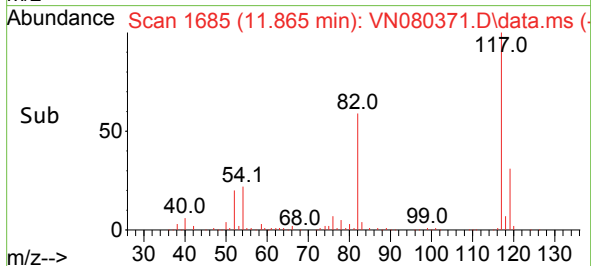
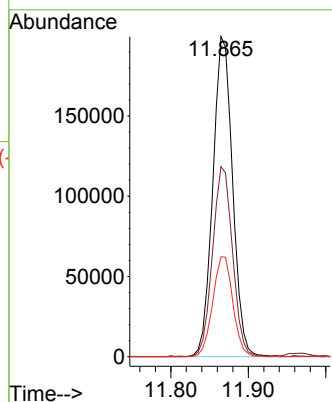
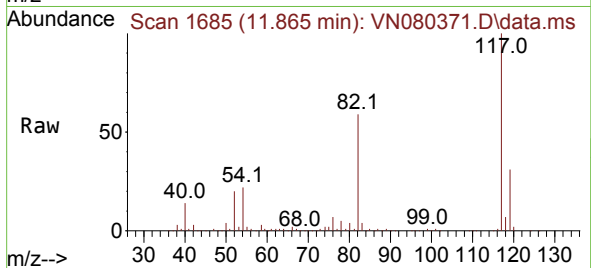
Tgt Ion:117 Resp: 353513

Ion Ratio Lower Upper

117 100

82 59.2 44.0 66.0

119 31.2 25.6 38.4



#67

Ethyl Benzene

Concen: 80.263 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080371.D

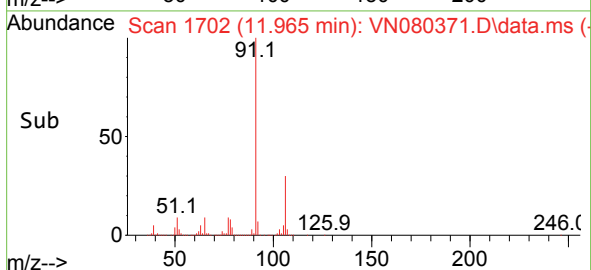
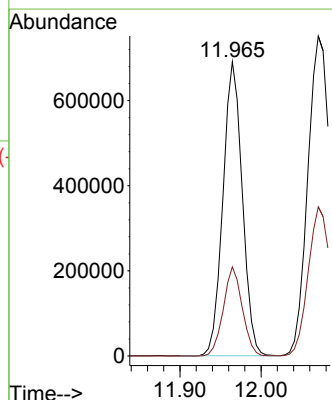
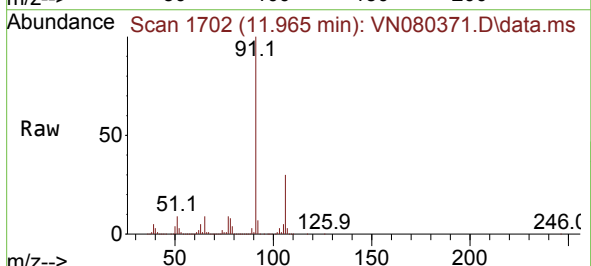
Acq: 05 Dec 2023 17:44

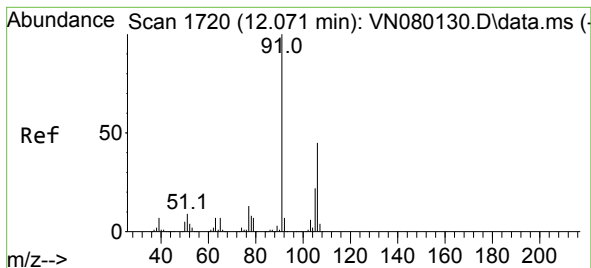
Tgt Ion: 91 Resp: 1144061

Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4

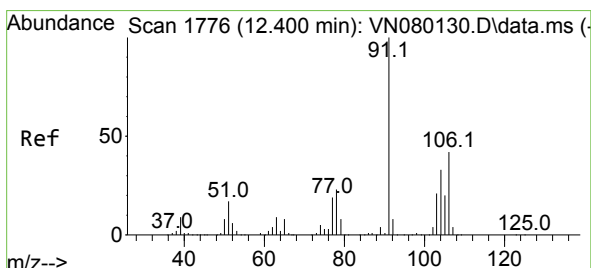
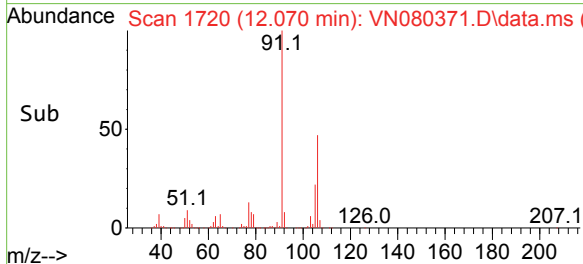
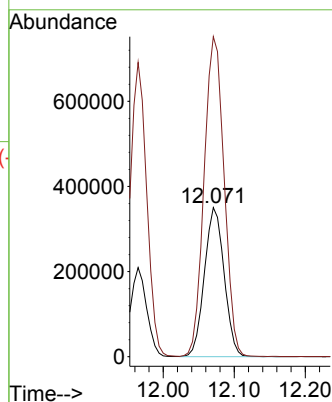
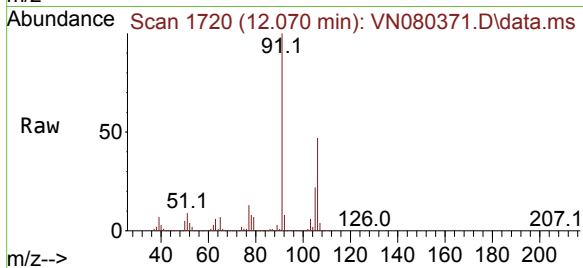




#68
m/p-Xylenes
Concen: 130.132 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

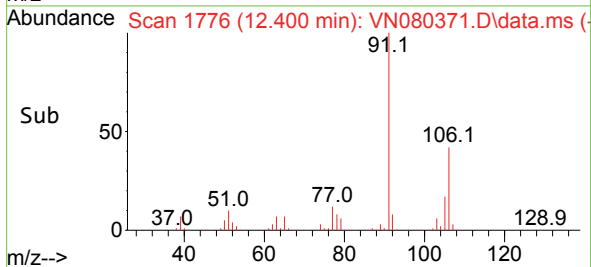
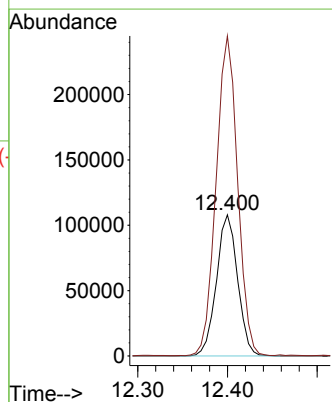
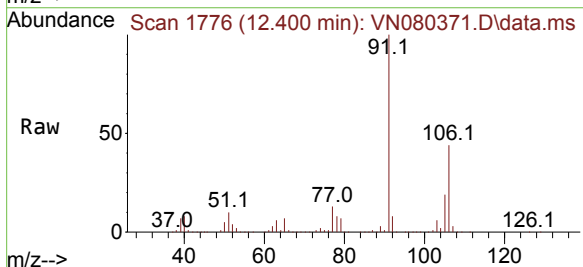
Instrument :
MSVOA_N
ClientSampleId :

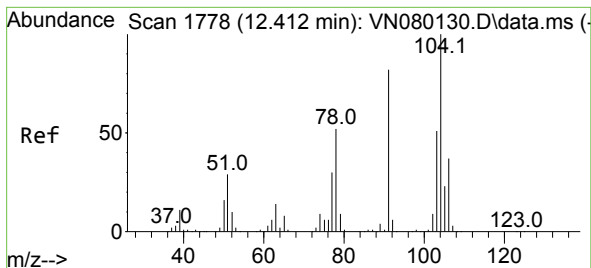
Tgt Ion:106 Resp: 676307
Ion Ratio Lower Upper
106 100
91 217.7 159.6 239.4



#69
o-Xylene
Concen: 36.103 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion:106 Resp: 176826
Ion Ratio Lower Upper
106 100
91 229.8 105.2 315.5





#70

Styrene

Concen: 1.411 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN080371.D

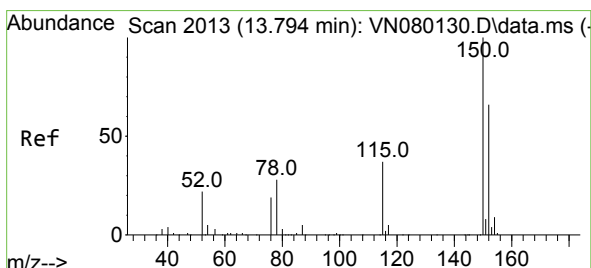
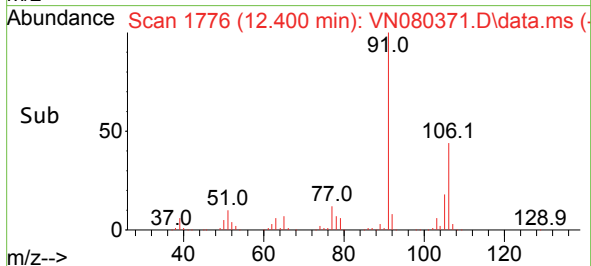
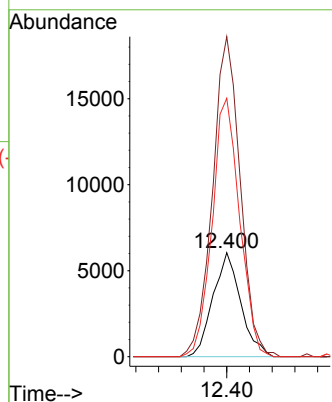
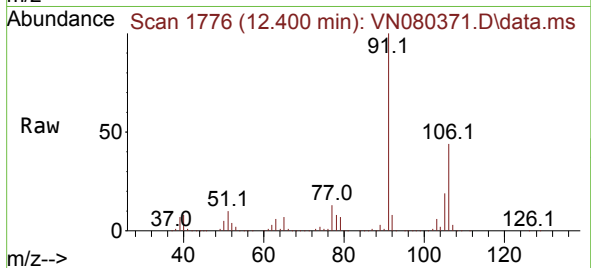
Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	10287
Ion Ratio	Lower	Upper
104	100	
78	305.9	39.5 59.3#
103	245.2	43.2 64.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

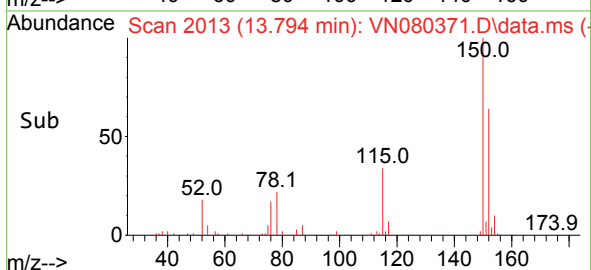
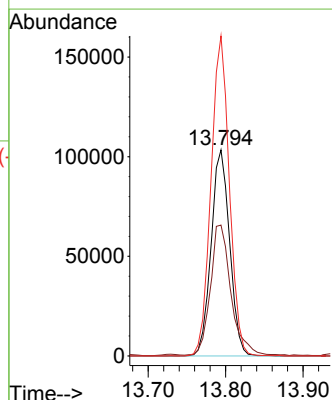
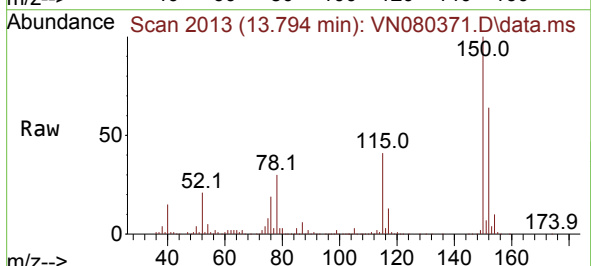
RT: 13.794 min Scan# 2013

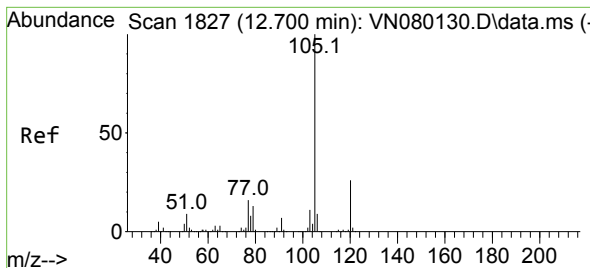
Delta R.T. -0.000 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Tgt Ion:152	Resp:	171554
Ion Ratio	Lower	Upper
152	100	
115	70.5	32.3 96.8
150	153.6	0.0 355.8





#73

Isopropylbenzene

Concen: 5.100 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

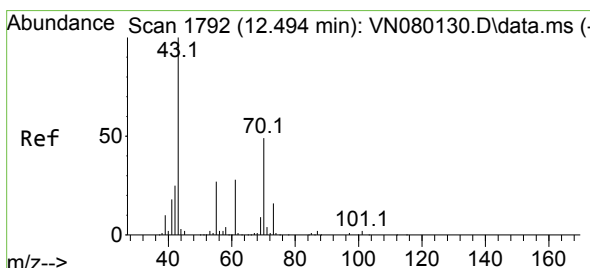
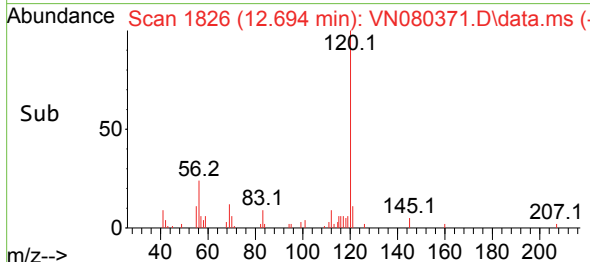
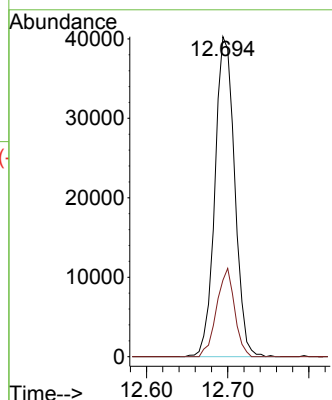
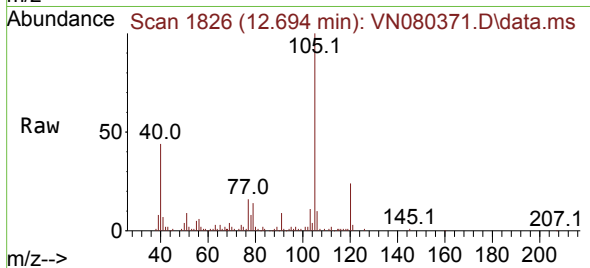
ClientSampleId :

Tgt Ion:105 Resp: 67992

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.1



#74

N-ethyl acetate

Concen: 0.283 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Tgt Ion: 43 Resp: 1177

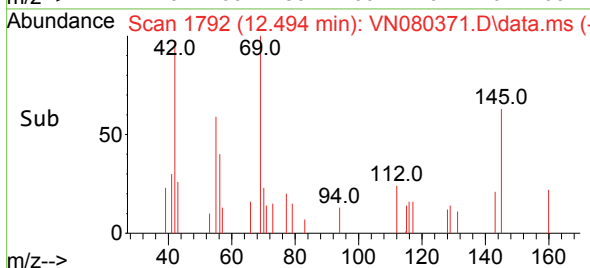
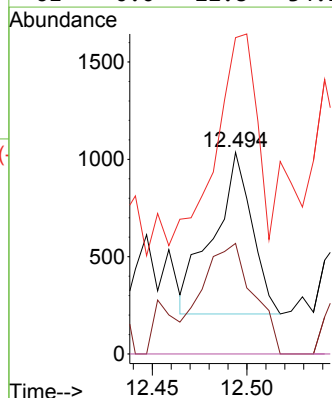
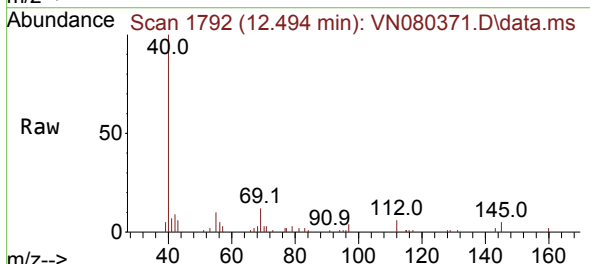
Ion Ratio Lower Upper

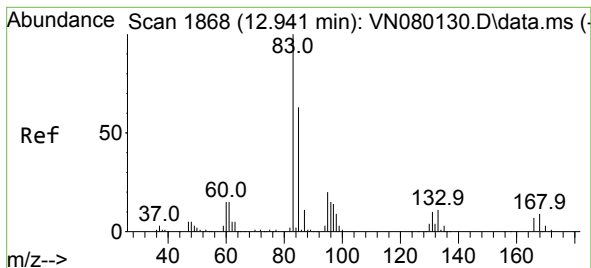
43 100

70 90.3 43.4 65.2#

55 134.4 21.4 32.0#

61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.329 ug/l

RT: 12.682 min Scan# 1824

Delta R.T. -0.259 min

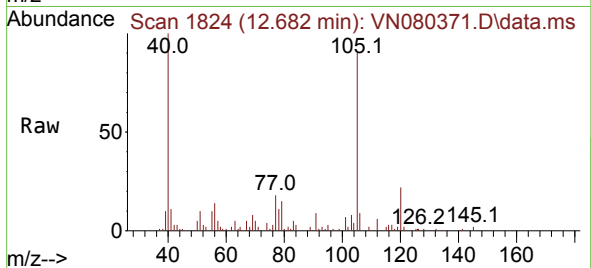
Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :



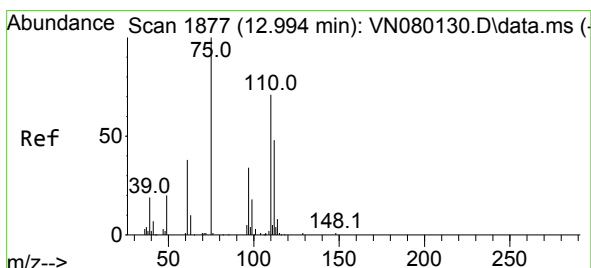
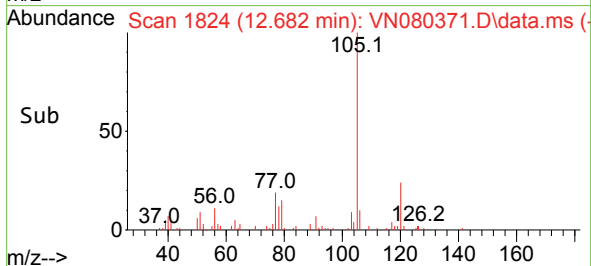
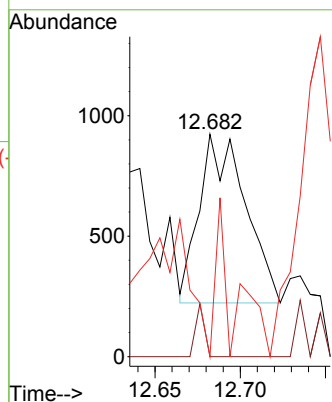
Tgt Ion: 83 Resp: 1311

Ion Ratio Lower Upper

83 100

131 5.9 5.0 15.0

85 32.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 24.923 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080371.D

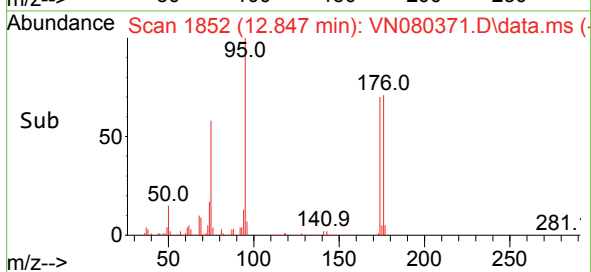
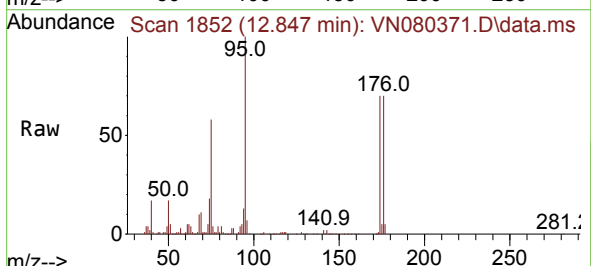
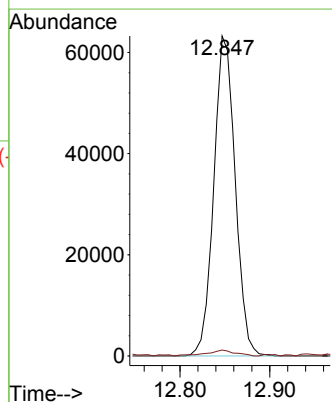
Acq: 05 Dec 2023 17:44

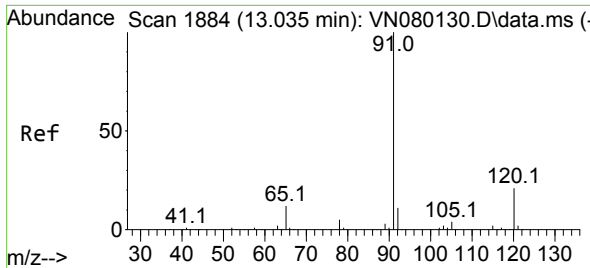
Tgt Ion: 75 Resp: 104759

Ion Ratio Lower Upper

75 100

77 2.4 84.5 253.5#

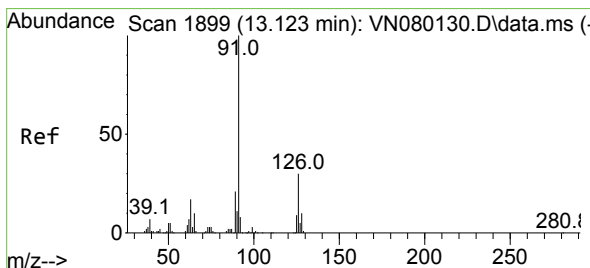
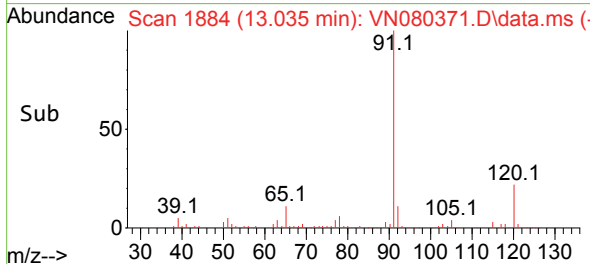
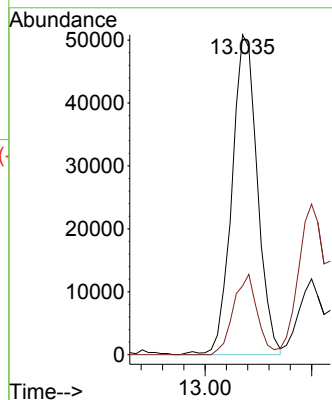
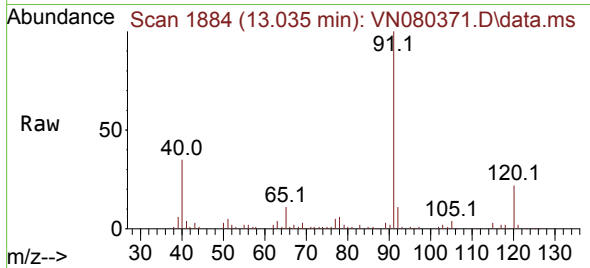




#78
n-propylbenzene
Concen: 5.667 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

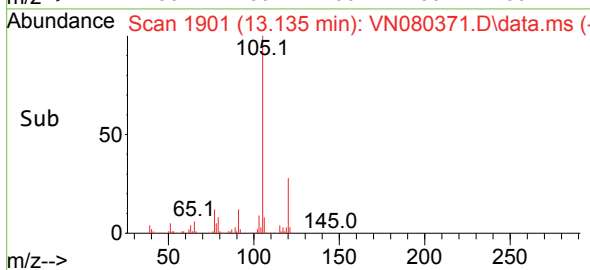
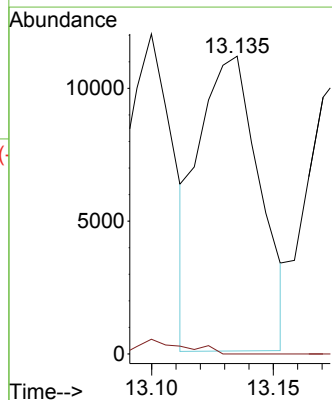
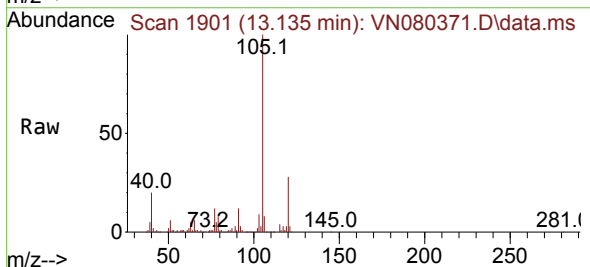
Instrument :
MSVOA_N
ClientSampleId :

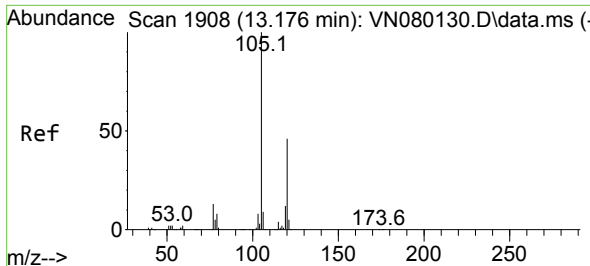
Tgt Ion: 91 Resp: 84476
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 1.990 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.012 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 91 Resp: 19266
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#

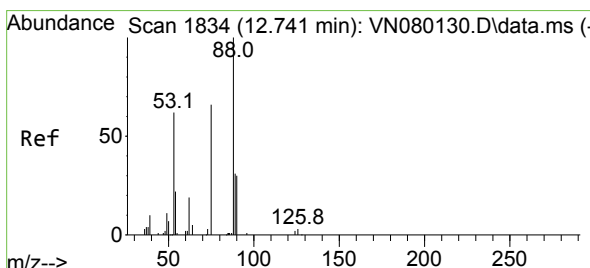
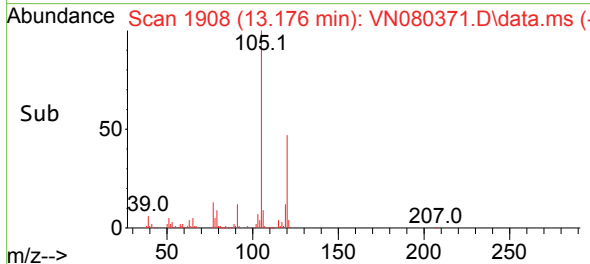
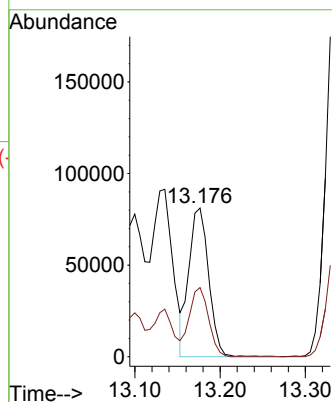
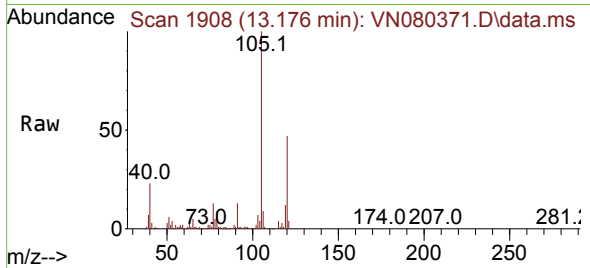




#80
1,3,5-Trimethylbenzene
Concen: 11.320 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

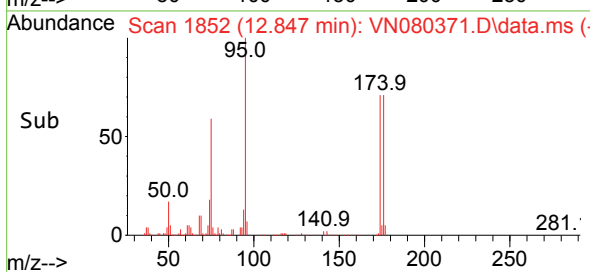
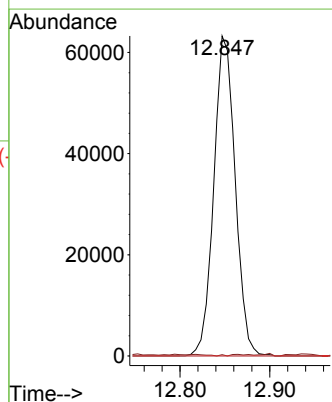
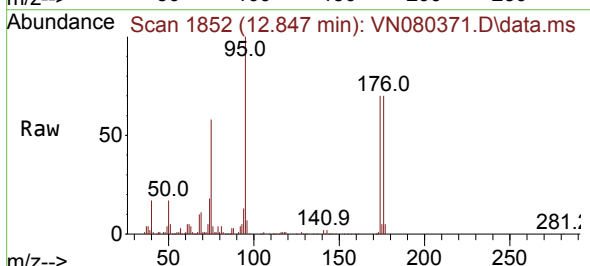
Instrument :
MSVOA_N
ClientSampleId :

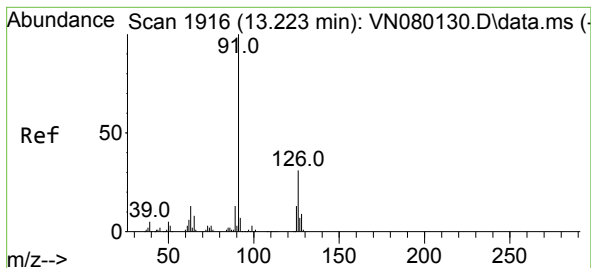
Tgt Ion:105 Resp: 131365
Ion Ratio Lower Upper
105 100
120 45.1 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 84.203 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN080371.D
Acq: 05 Dec 2023 17:44

Tgt Ion: 75 Resp: 104759
Ion Ratio Lower Upper
75 100
53 0.5 67.4 101.2#
89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 1.612 ug/l

RT: 13.176 min Scan# 1916

Delta R.T. -0.047 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

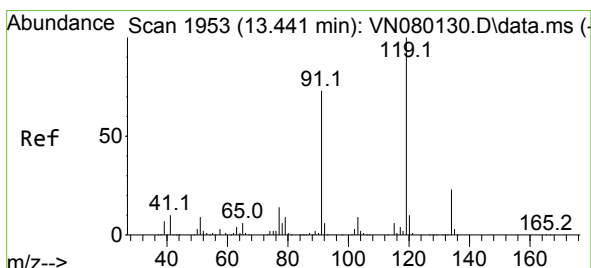
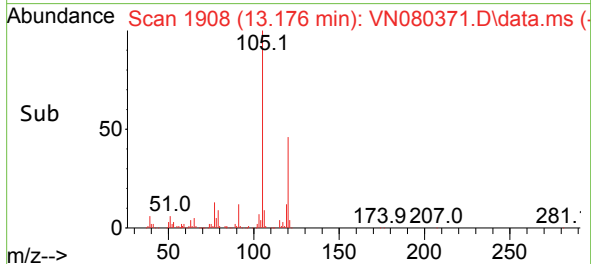
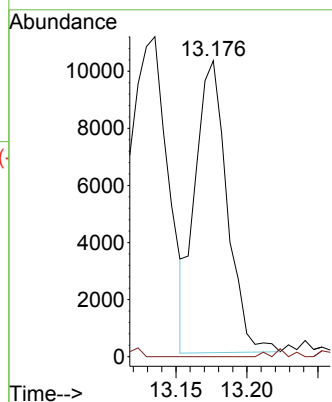
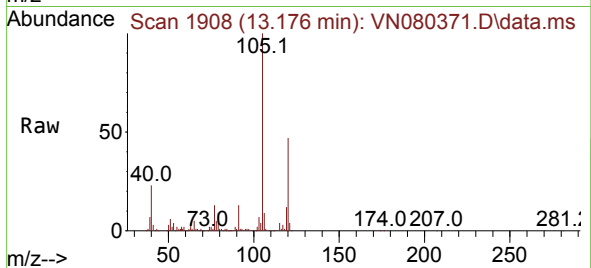
ClientSampleId :

Tgt Ion: 91 Resp: 15987

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#



#83

tert-Butylbenzene

Concen: 9.121 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

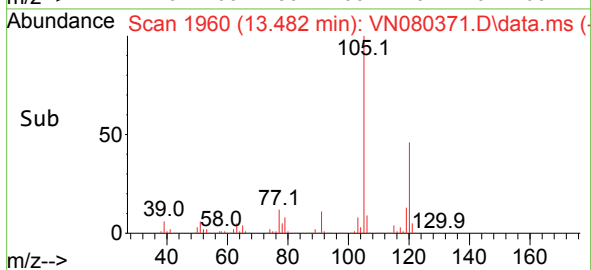
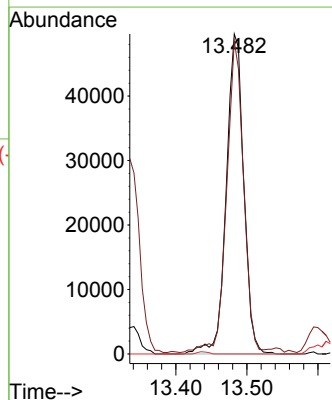
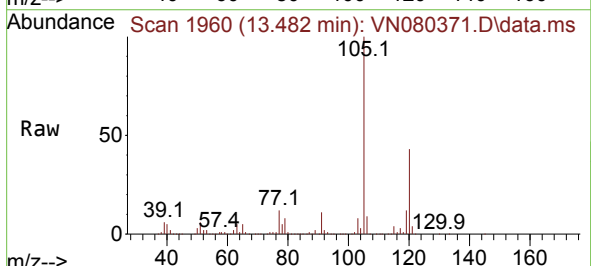
Tgt Ion: 119 Resp: 84884

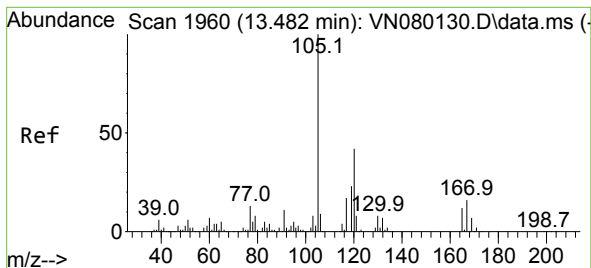
Ion Ratio Lower Upper

119 100

91 94.0 33.9 101.7

134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 60.337 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

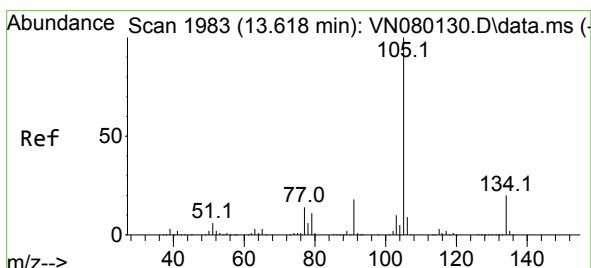
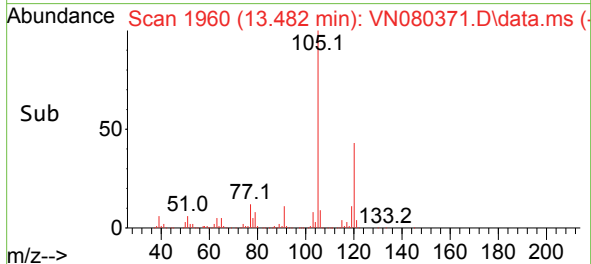
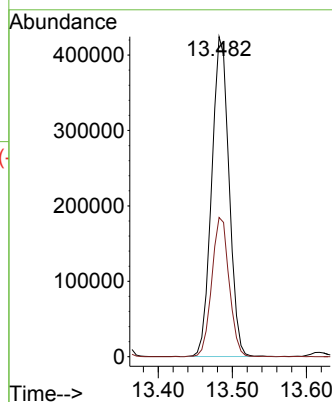
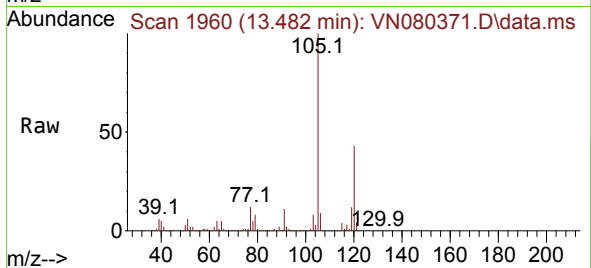
ClientSampleId :

Tgt Ion:105 Resp: 689456

Ion Ratio Lower Upper

105 100

120 43.6 22.0 66.0



#85

sec-Butylbenzene

Concen: 58.565 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN080371.D

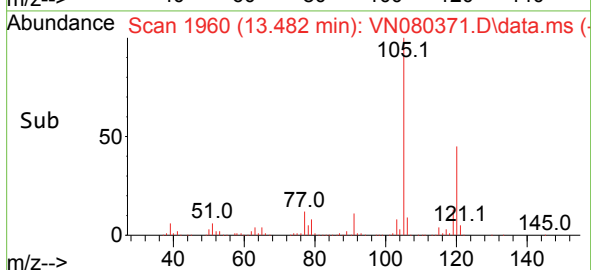
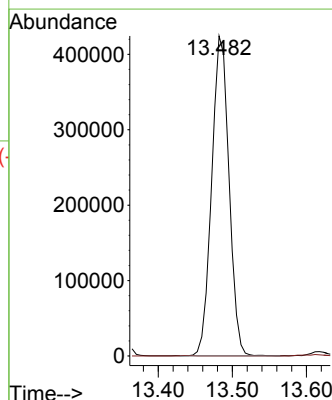
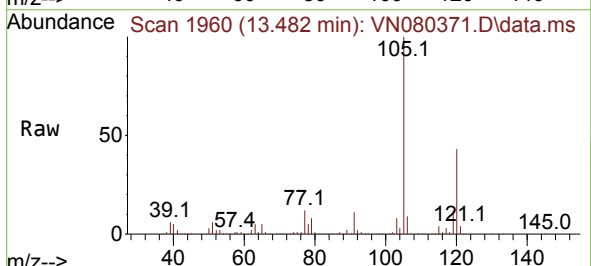
Acq: 05 Dec 2023 17:44

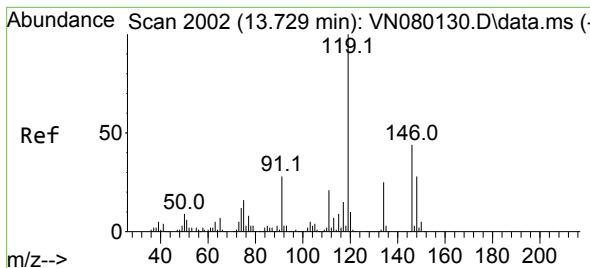
Tgt Ion:105 Resp: 689456

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 0.921 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN080371.D

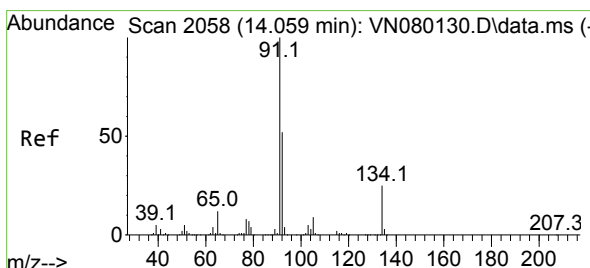
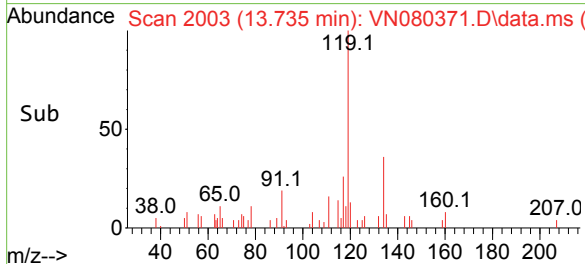
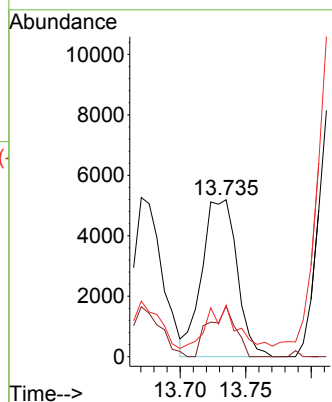
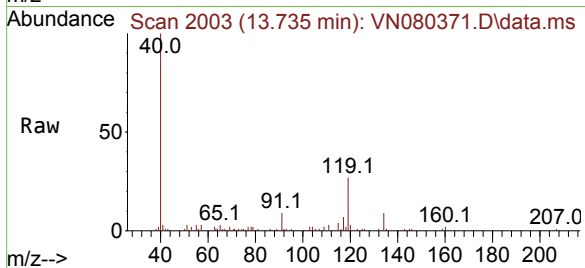
Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp:	9689
Ion	Ratio	Lower Upper
119	100	
134	24.0	12.6 37.8
91	0.0	12.4 37.2#



#89

n-Butylbenzene

Concen: 0.548 ug/l

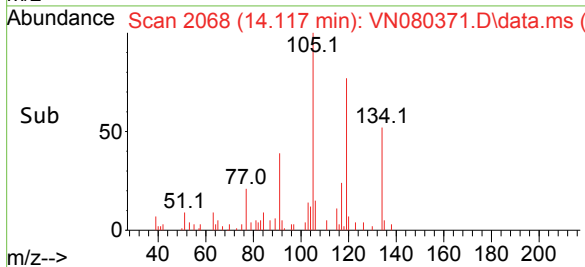
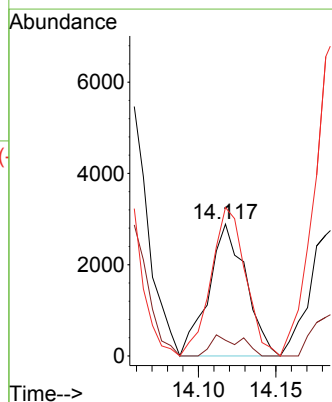
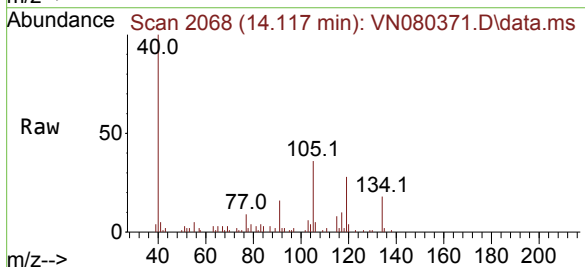
RT: 14.117 min Scan# 2068

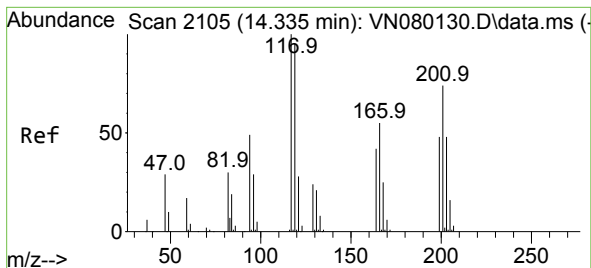
Delta R.T. 0.059 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Tgt Ion: 91	Resp:	4827
Ion	Ratio	Lower Upper
91	100	
92	12.9	26.4 79.0#
134	104.5	12.6 37.6#





#90

Hexachloroethane

Concen: 6.652 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Instrument :

MSVOA_N

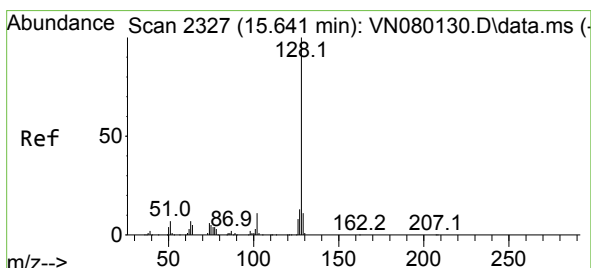
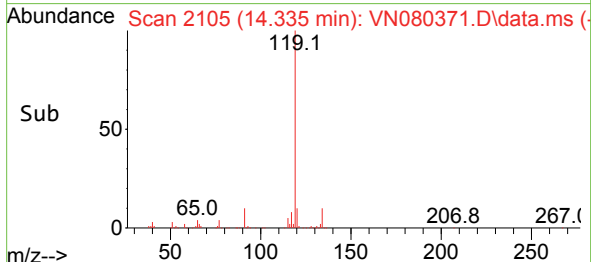
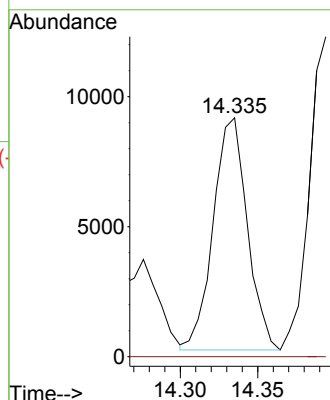
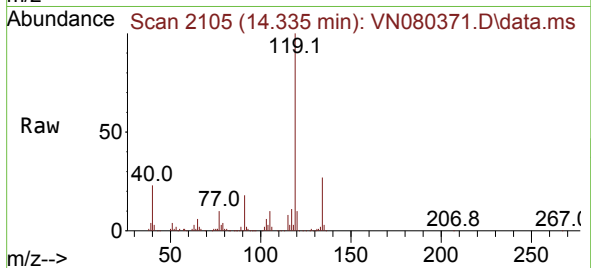
ClientSampleId :

Tgt Ion:117 Resp: 13638

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#95

Naphthalene

Concen: 13.671 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080371.D

Acq: 05 Dec 2023 17:44

Tgt Ion:128 Resp: 133612

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.3 8.7 13.1

