

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080608.D
 Acq On : 29 Dec 2023 12:24
 Operator : JC\MD
 Sample : VN1229WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

Quant Time: Dec 29 23:39:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	444213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	707391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	619682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	254585	44.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.360%
35) Dibromofluoromethane	8.171	113	212878	46.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	10.570	98	784623	49.119	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.853	95	290120	53.966	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	85412	17.309	ug/l	99
3) Chloromethane	2.359	50	114386	19.308	ug/l	99
4) Vinyl Chloride	2.512	62	97313	17.722	ug/l	97
5) Bromomethane	2.953	94	42525	20.379	ug/l	99
6) Chloroethane	3.124	64	63538	18.533	ug/l	97
7) Trichlorofluoromethane	3.494	101	139295	17.765	ug/l	98
8) Diethyl Ether	3.953	74	58957	21.896	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	89957	21.017	ug/l	95
10) Methyl Iodide	4.594	142	61135	20.674	ug/l	97
11) Tert butyl alcohol	5.512	59	72991	95.217	ug/l	100
12) 1,1-Dichloroethene	4.336	96	87892	21.409	ug/l	88
13) Acrolein	4.177	56	89084	102.783	ug/l	97
14) Allyl chloride	5.018	41	126681	20.325	ug/l	91
15) Acrylonitrile	5.724	53	222275	101.664	ug/l	99
16) Acetone	4.424	43	173163	111.797	ug/l	97
17) Carbon Disulfide	4.712	76	218528	19.794	ug/l	99
18) Methyl Acetate	5.024	43	203600	23.709	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	296952	20.091	ug/l	99
20) Methylene Chloride	5.277	84	94908	19.204	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	90842	18.313	ug/l	85
22) Diisopropyl ether	6.671	45	313166	22.621	ug/l #	87
23) Vinyl Acetate	6.600	43	780842	101.693	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	190440	20.523	ug/l	98
25) 2-Butanone	7.482	43	258300	89.224	ug/l	90
26) 2,2-Dichloropropane	7.488	77	137861	17.067	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	103576	17.555	ug/l	93
28) Bromochloromethane	7.812	49	54401	12.609	ug/l	90
29) Tetrahydrofuran	7.835	42	177255	93.885	ug/l #	83
30) Chloroform	7.965	83	176743	18.972	ug/l	95
31) Cyclohexane	8.259	56	144141	18.697	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	158601	18.880	ug/l	97
36) 1,1-Dichloropropene	8.371	75	139219	19.772	ug/l	96
37) Ethyl Acetate	7.559	43	101977	19.194	ug/l	98
38) Carbon Tetrachloride	8.365	117	142832	19.829	ug/l	97
39) Methylcyclohexane	9.606	83	110874	19.198	ug/l #	87
40) Benzene	8.606	78	397140	19.570	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	61293	18.707	ug/l	88
42) 1,2-Dichloroethane	8.671	62	143982	22.069	ug/l	99
43) Isopropyl Acetate	8.694	43	203799	23.666	ug/l	96
44) Trichloroethene	9.353	130	97599	18.569	ug/l	100
45) 1,2-Dichloropropane	9.623	63	101265	21.161	ug/l	96
46) Dibromomethane	9.712	93	69369	21.546	ug/l	92
47) Bromodichloromethane	9.894	83	138940	20.587	ug/l	95
48) Methyl methacrylate	9.682	41	106161	22.202	ug/l	83
49) 1,4-Dioxane	9.700	88	33695	440.882	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	573351	117.059	ug/l	94
52) Toluene	10.635	92	239306	21.375	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	148137	21.773	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	157485	20.682	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	97557	21.968	ug/l	97
56) Ethyl methacrylate	10.876	69	99090	22.780	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	167132	22.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	312943	101.876	ug/l	94
59) 2-Hexanone	11.194	43	424384	114.959	ug/l	94
60) Dibromochloromethane	11.365	129	106423	21.521	ug/l	99
61) 1,2-Dibromoethane	11.470	107	97129	21.692	ug/l	97
64) Tetrachloroethene	11.106	164	82149	19.839	ug/l	89
65) Chlorobenzene	11.894	112	264546	20.521	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	103586	20.890	ug/l	96
67) Ethyl Benzene	11.965	91	454420	21.085	ug/l	99
68) m/p-Xylenes	12.076	106	309855	38.748	ug/l	96
69) o-Xylene	12.400	106	171795	21.874	ug/l	99
70) Styrene	12.412	104	255144	22.340	ug/l	98
71) Bromoform	12.582	173	67831	19.337	ug/l #	99
73) Isopropylbenzene	12.700	105	423553	23.279	ug/l	100
74) N-amyl acetate	12.494	43	155298	24.193	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	146632	23.353	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	181935	31.819	ug/l	70
77) Bromobenzene	12.982	156	105999	21.934	ug/l	98
78) n-propylbenzene	13.035	91	476187	22.886	ug/l	98
79) 2-Chlorotoluene	13.129	91	301020	22.160	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	319855	20.819	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	51130	24.222	ug/l	95
82) 4-Chlorotoluene	13.223	91	277276	19.960	ug/l	98
83) tert-Butylbenzene	13.441	119	284364	22.146	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	343263	22.066	ug/l	100
85) sec-Butylbenzene	13.617	105	332932	19.593	ug/l	100
86) p-Isopropyltoluene	13.735	119	328470	21.275	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	184555	21.190	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	164445	18.783	ug/l	98
89) n-Butylbenzene	14.059	91	234680	18.480	ug/l	99
90) Hexachloroethane	14.335	117	50304	18.965	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	157663	18.756	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25423	19.617	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	85101	19.188	ug/l	94
94) Hexachlorobutadiene	15.505	225	40743	17.801	ug/l	97
95) Naphthalene	15.647	128	278526	20.178	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	84826	18.919	ug/l	97

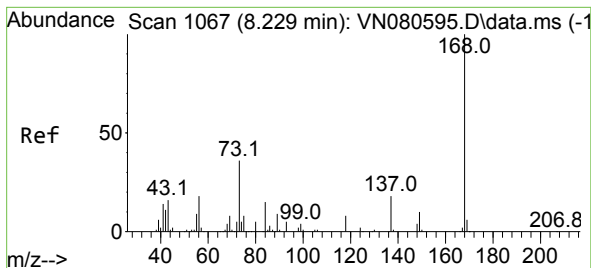
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.005 min

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Instrument :

MSVOA_N

ClientSampleId :

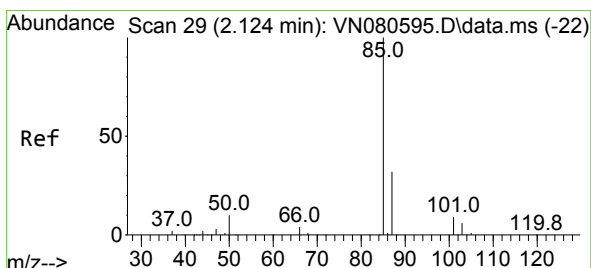
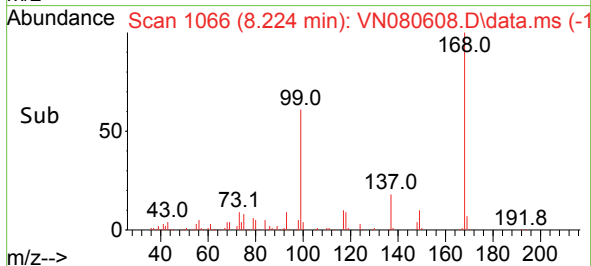
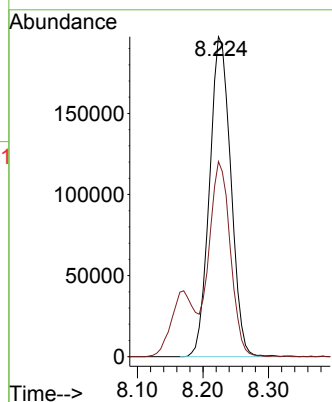
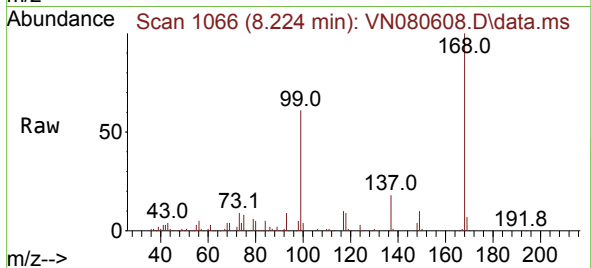
VN1229WBSD01

Tgt Ion:168 Resp: 444213

Ion Ratio Lower Upper

168 100

99 61.0 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.309 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080608.D

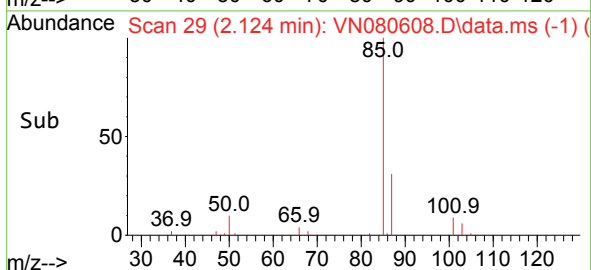
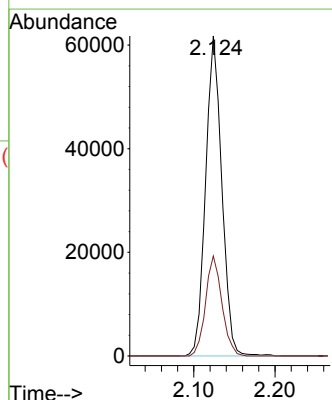
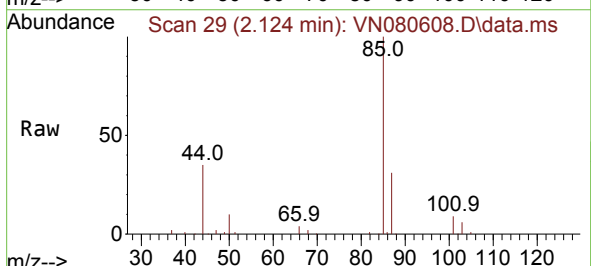
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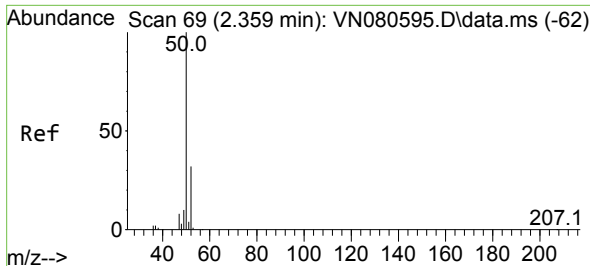
Tgt Ion: 85 Resp: 85412

Ion Ratio Lower Upper

85 100

87 31.3 15.8 47.4

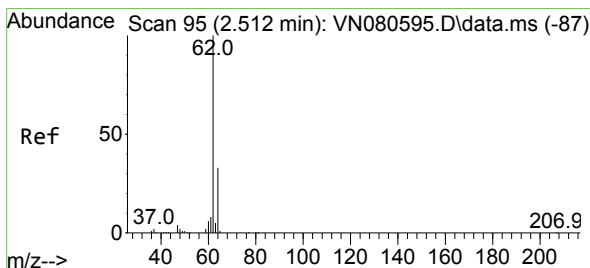
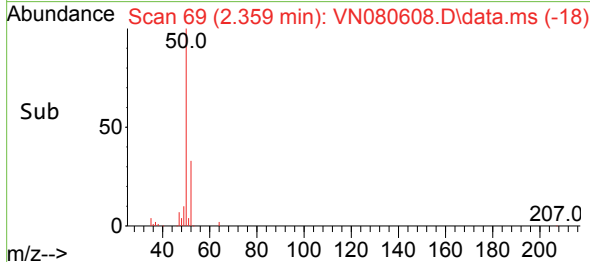
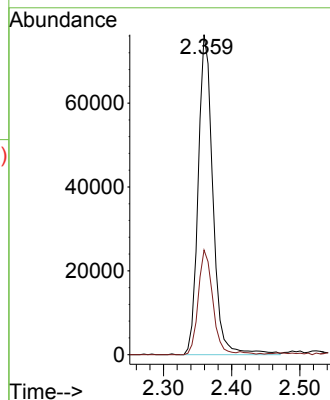
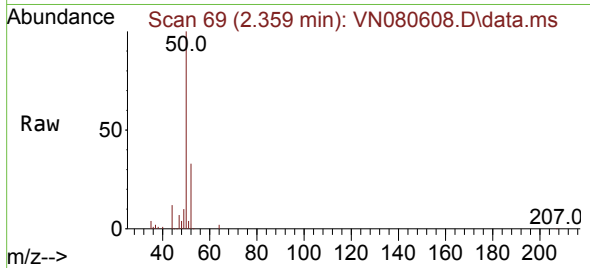




#3
Chloromethane
Concen: 19.308 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080608.D
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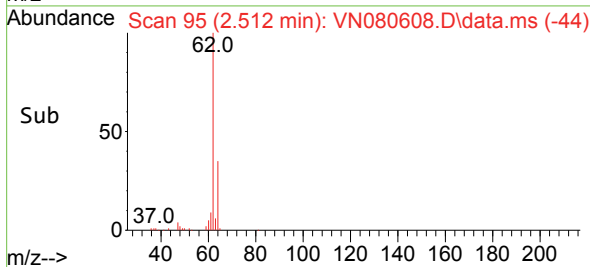
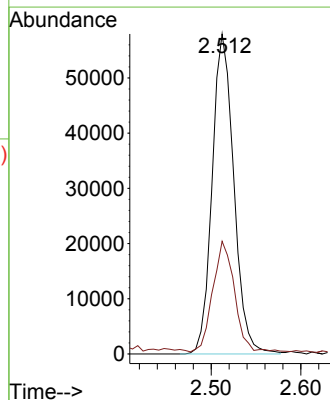
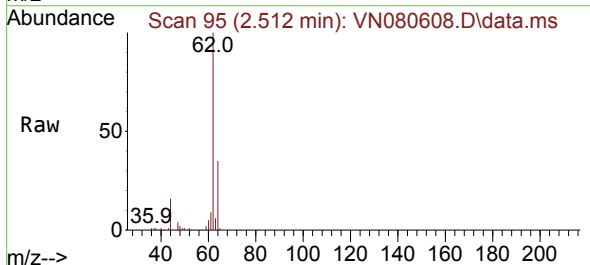
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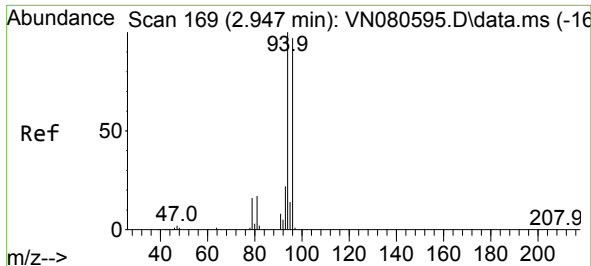
Tgt Ion: 50 Resp: 114386
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7



#4
Vinyl Chloride
Concen: 17.722 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 62 Resp: 97313
Ion Ratio Lower Upper
62 100
64 34.3 26.2 39.2

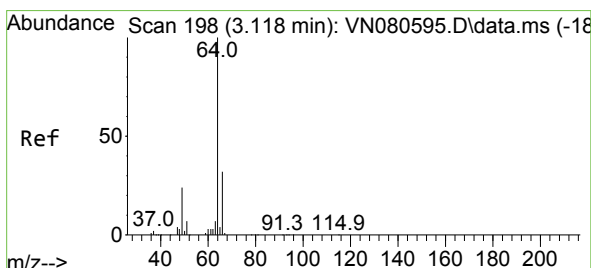
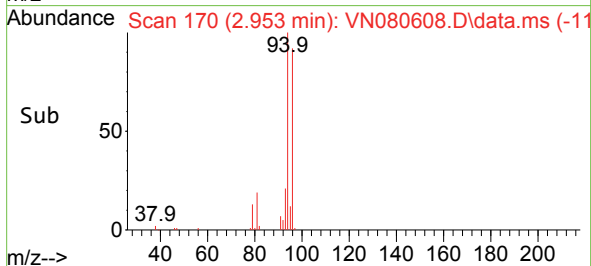
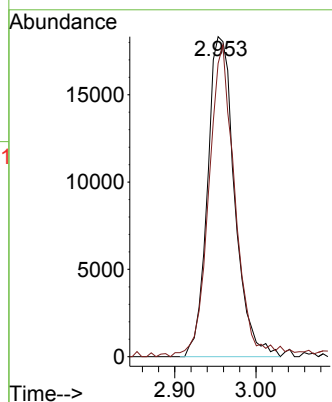
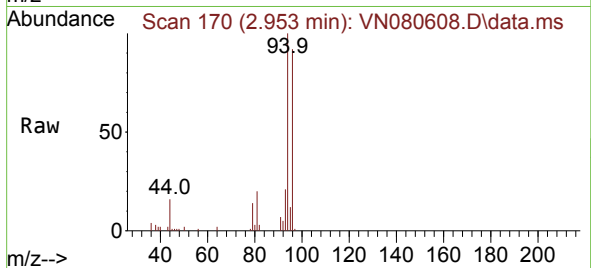




#5
Bromomethane
Concen: 20.379 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

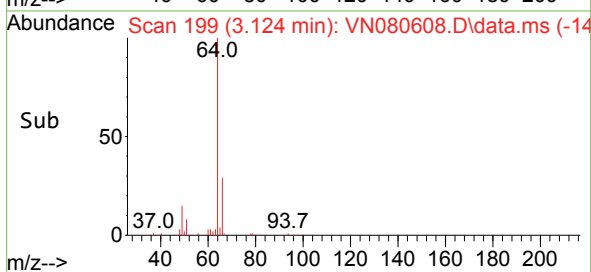
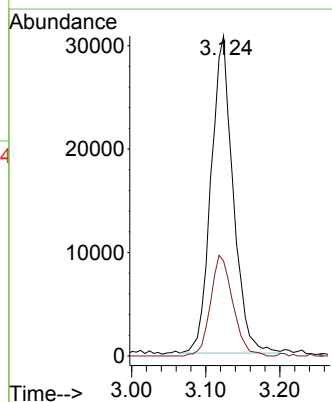
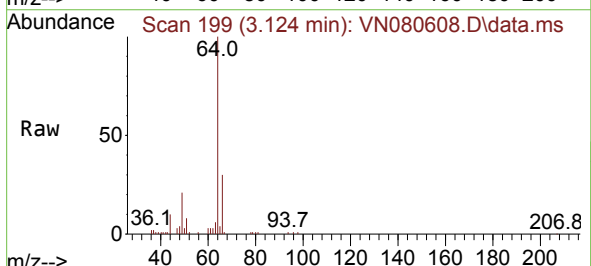
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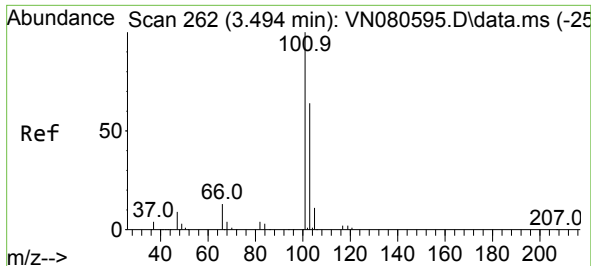
Tgt Ion: 94 Resp: 42525
Ion Ratio Lower Upper
94 100
96 90.4 73.1 109.7



#6
Chloroethane
Concen: 18.533 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 64 Resp: 63538
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.2

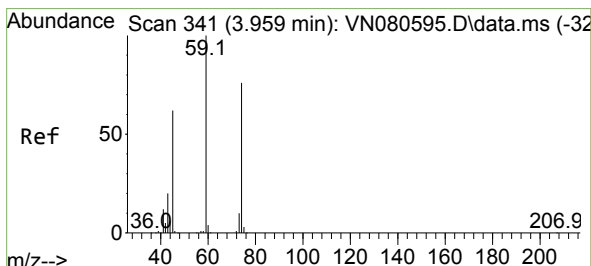
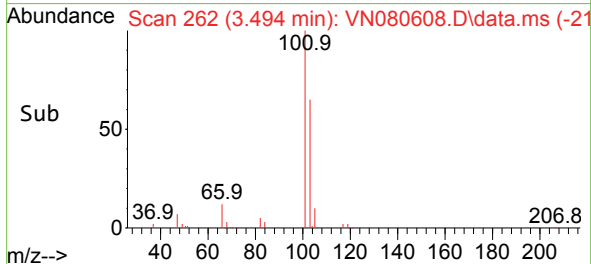
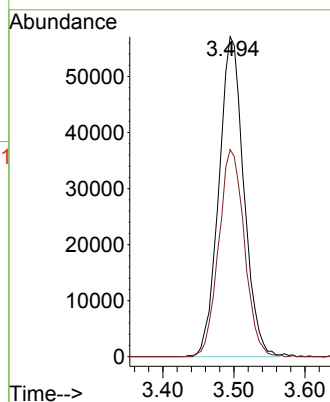
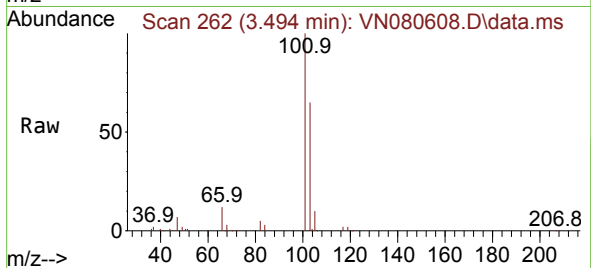




#7
Trichlorofluoromethane
Concen: 17.765 ug/l
RT: 3.494 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN080608.D
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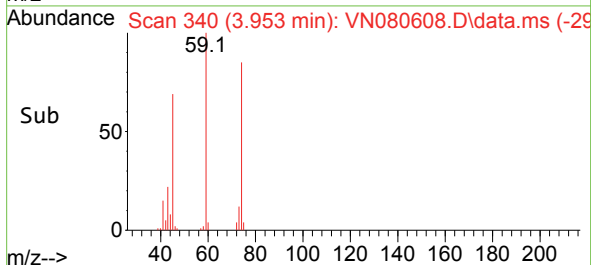
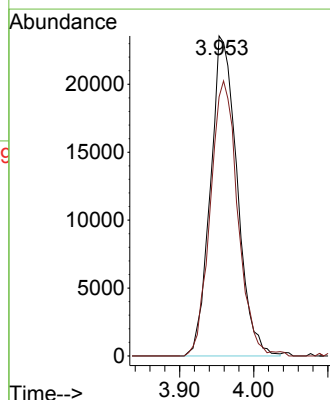
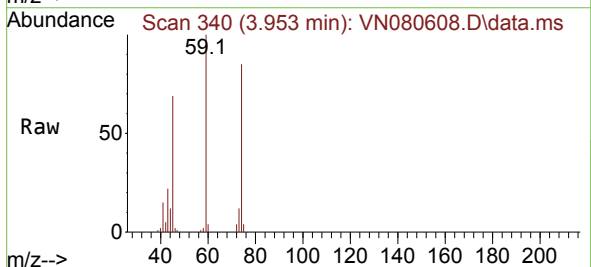
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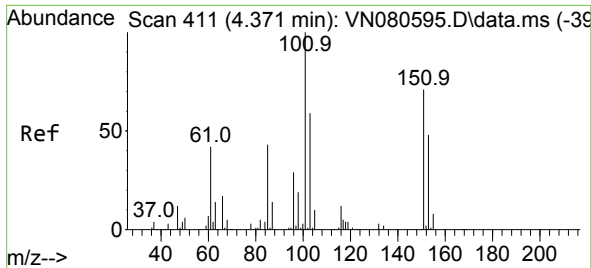
Tgt Ion:101 Resp: 139295
Ion Ratio Lower Upper
101 100
103 64.7 50.7 76.1



#8
Diethyl Ether
Concen: 21.896 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 74 Resp: 58957
Ion Ratio Lower Upper
74 100
45 88.0 34.4 103.3

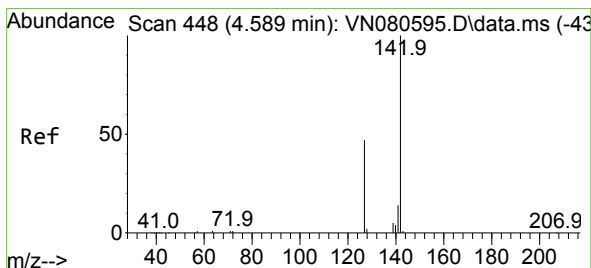
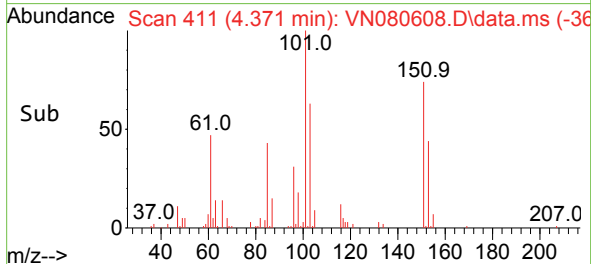
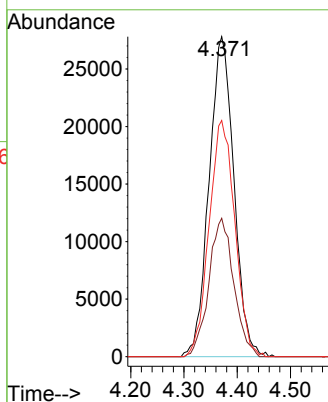
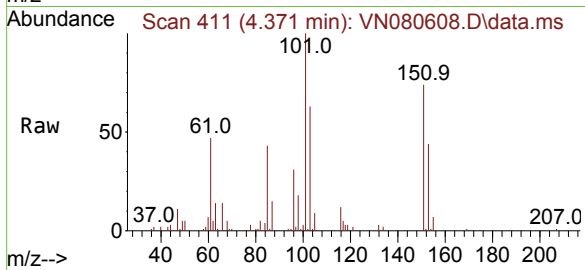




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.017 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
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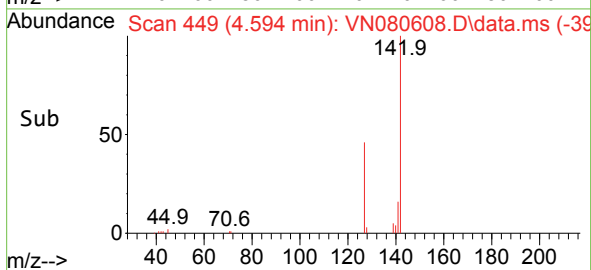
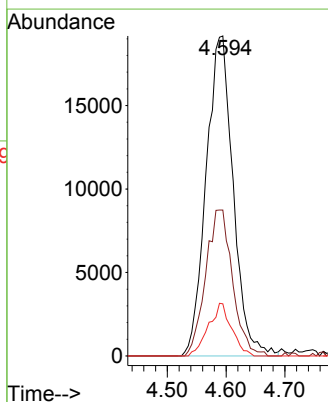
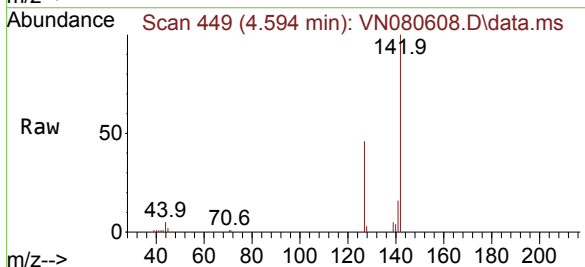
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MSVOA_N
ClientSampleId :
VN1229WBSD01

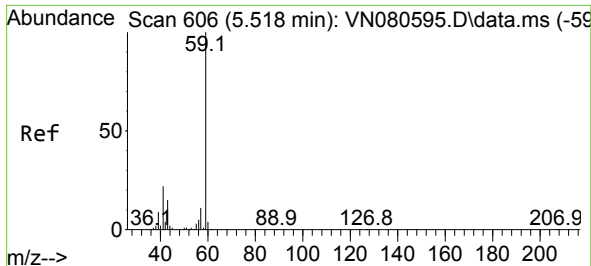
Tgt Ion:101 Resp: 89957
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 76.7 57.6 86.4



#10
Methyl Iodide
Concen: 20.674 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion:142 Resp: 61135
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 16.3 11.4 17.0

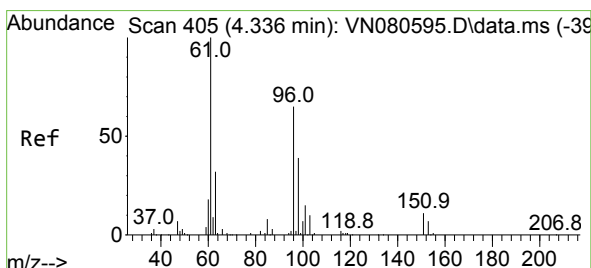
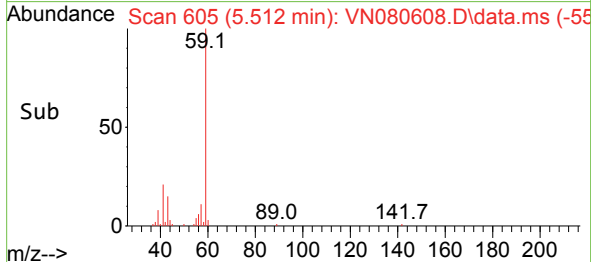
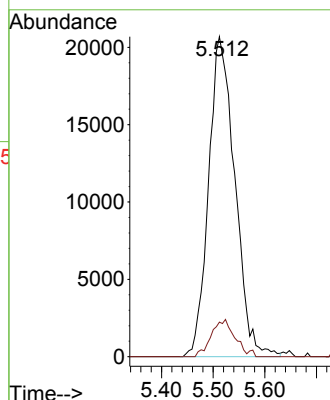
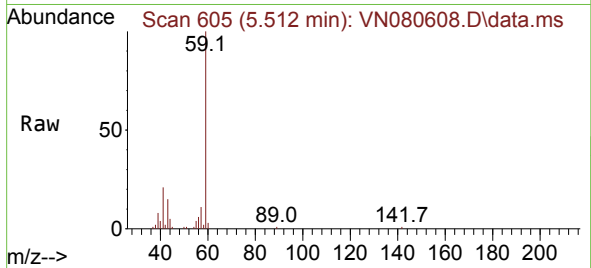




#11
Tert butyl alcohol
Concen: 95.217 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

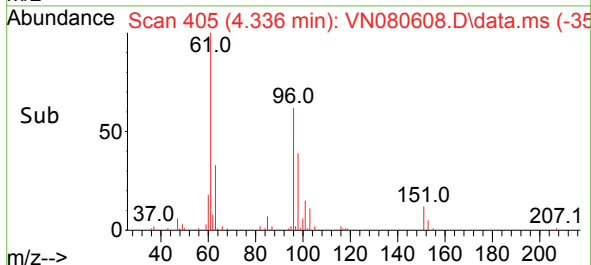
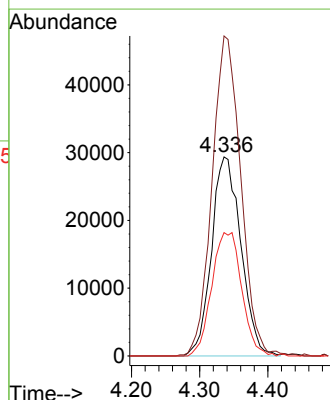
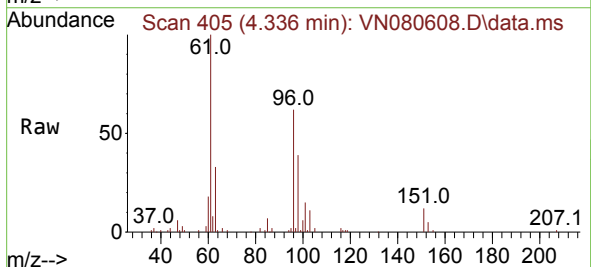
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

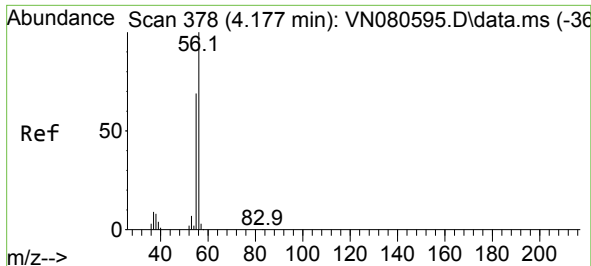
Tgt Ion: 59 Resp: 72991
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 21.409 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 96 Resp: 87892
Ion Ratio Lower Upper
96 100
61 160.2 112.7 169.1
98 61.9 51.2 76.8





#13

Acrolein

Concen: 102.783 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

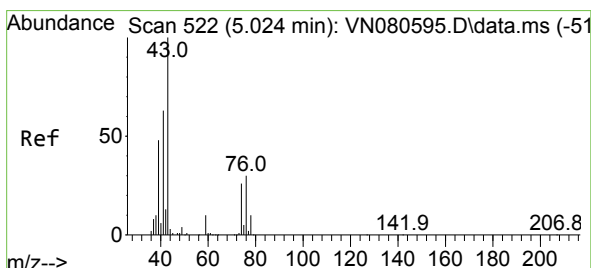
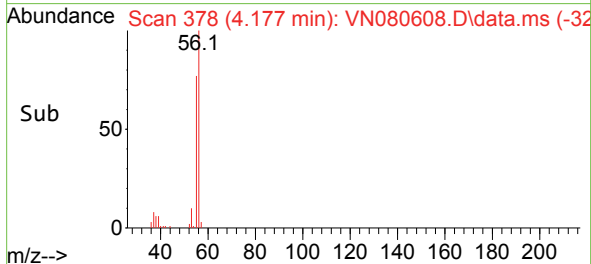
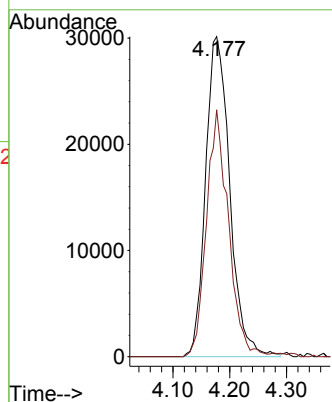
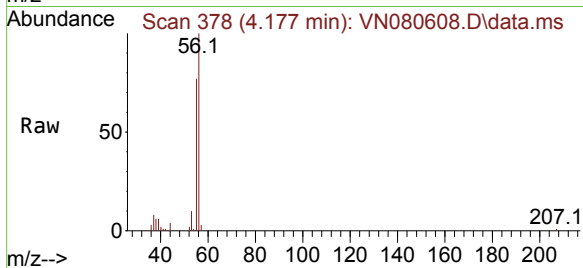
VN1229WBSD01

Tgt Ion: 56 Resp: 89084

Ion Ratio Lower Upper

56 100

55 70.2 54.5 81.7



#14

Allyl chloride

Concen: 20.325 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

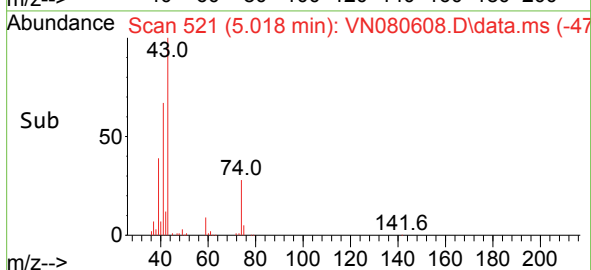
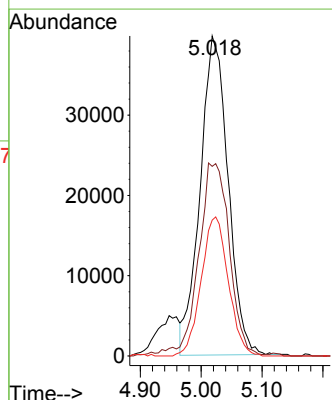
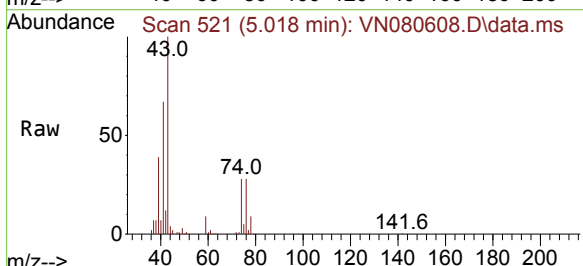
Tgt Ion: 41 Resp: 126681

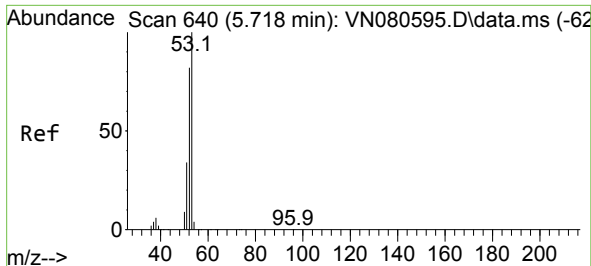
Ion Ratio Lower Upper

41 100

39 66.9 58.8 88.2

76 42.4 39.1 58.7

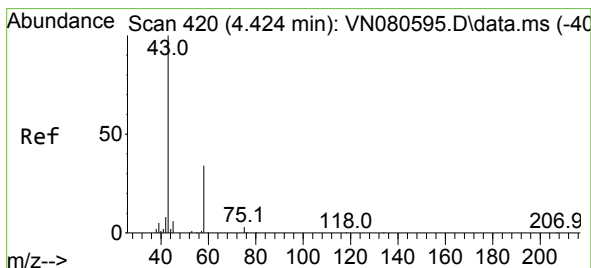
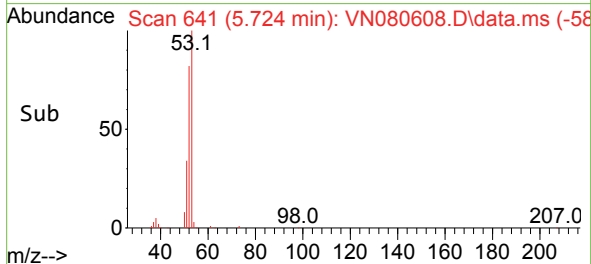
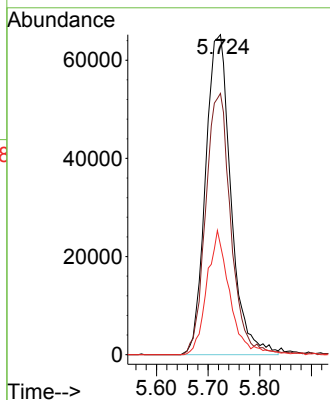
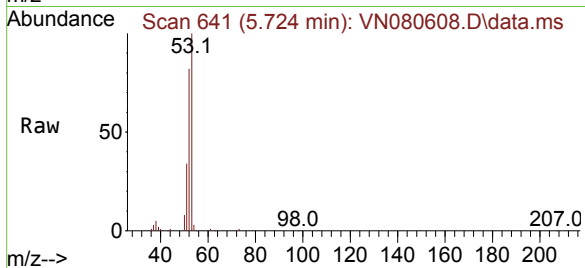




#15
Acrylonitrile
Concen: 101.664 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

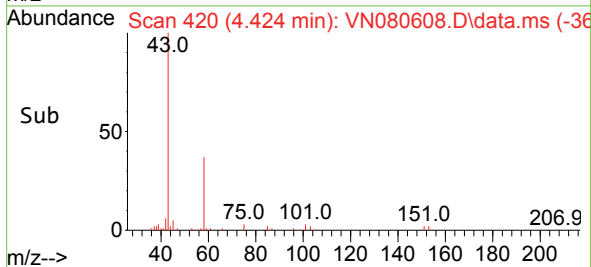
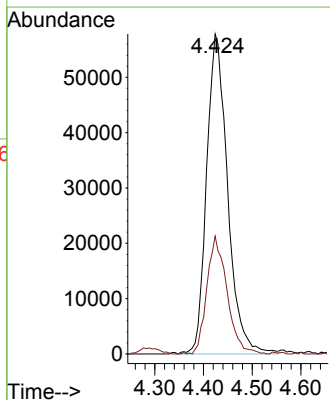
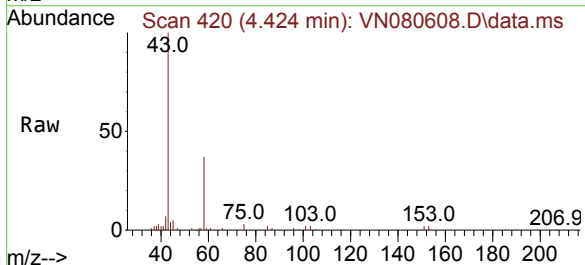
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

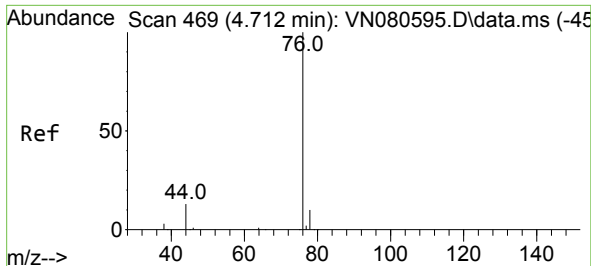
Tgt Ion: 53 Resp: 222275
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 35.3 28.9 43.3



#16
Acetone
Concen: 111.797 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 43 Resp: 173163
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

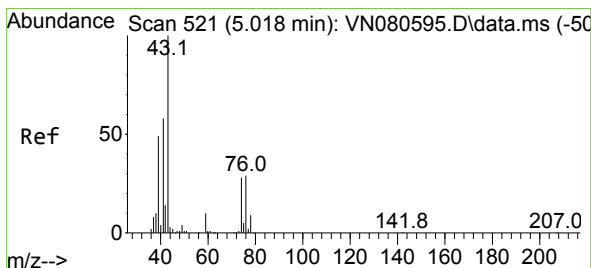
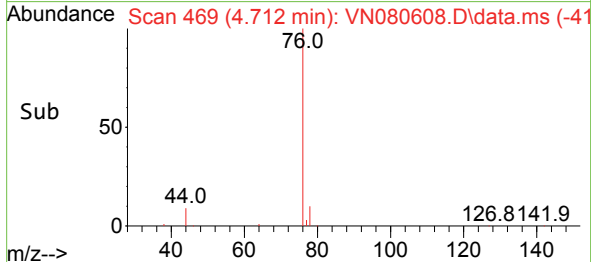
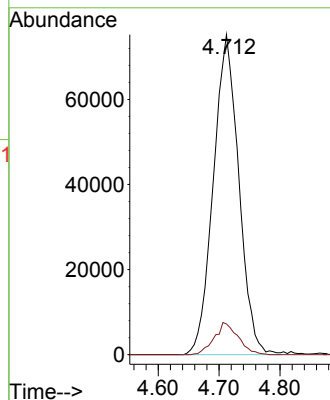
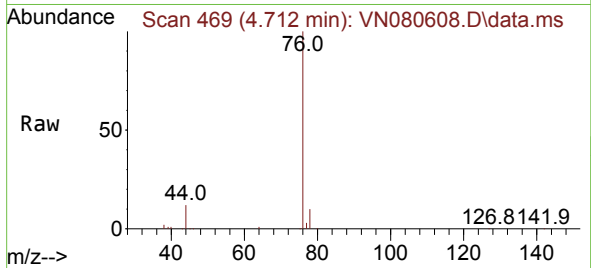




#17
Carbon Disulfide
Concen: 19.794 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

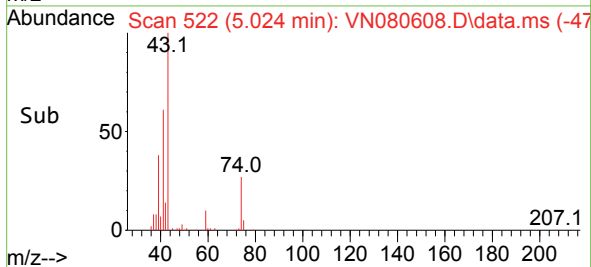
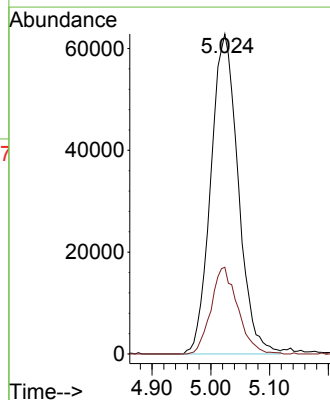
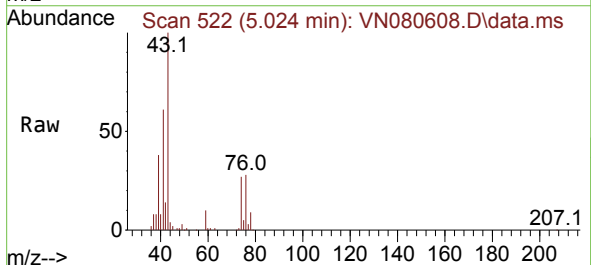
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

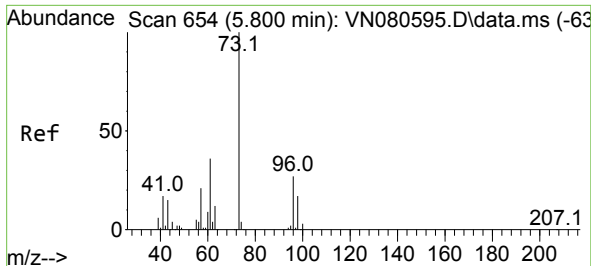
Tgt Ion: 76 Resp: 218528
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 23.709 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 43 Resp: 203600
Ion Ratio Lower Upper
43 100
74 26.4 26.2 39.4

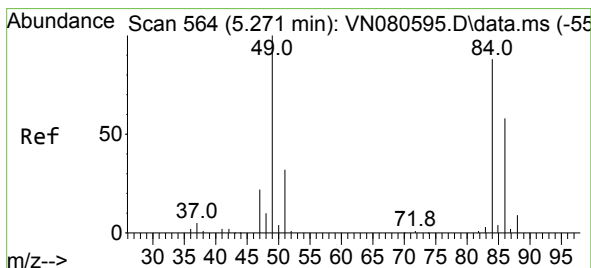
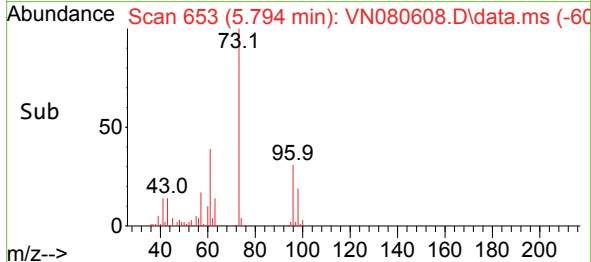
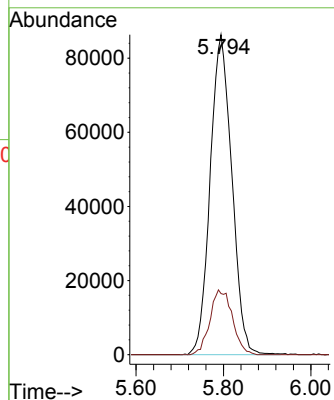
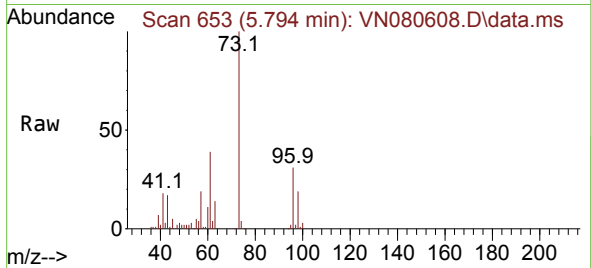




#19
Methyl tert-butyl Ether
Concen: 20.091 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

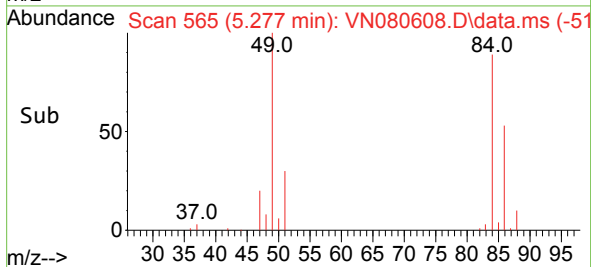
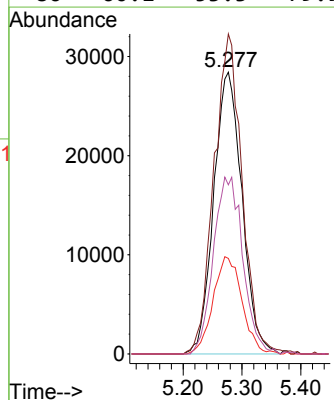
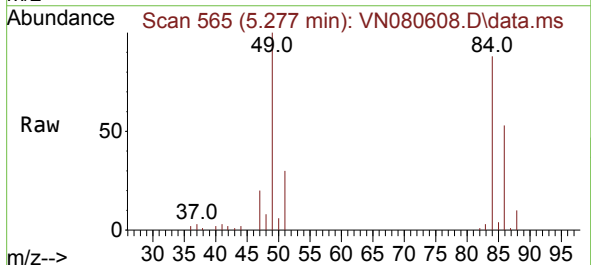
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

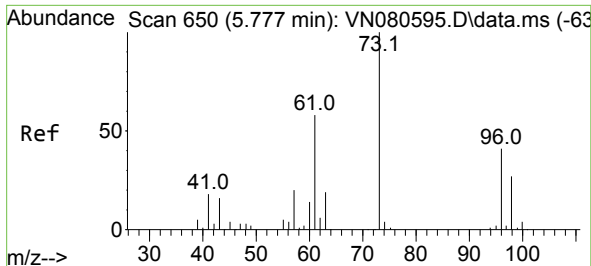
Tgt Ion: 73 Resp: 296952
Ion Ratio Lower Upper
73 100
57 19.1 15.6 23.4



#20
Methylene Chloride
Concen: 19.204 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 84 Resp: 94908
Ion Ratio Lower Upper
84 100
49 113.6 79.7 119.5
51 33.9 25.2 37.8
86 60.1 53.3 79.9

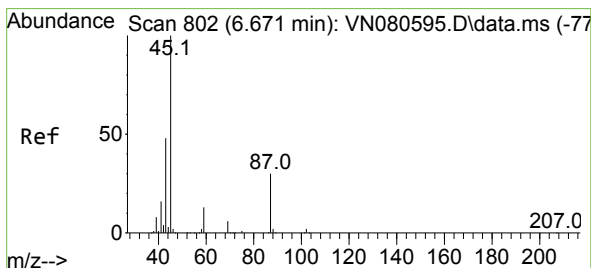
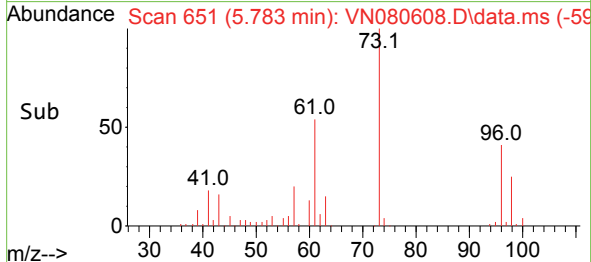
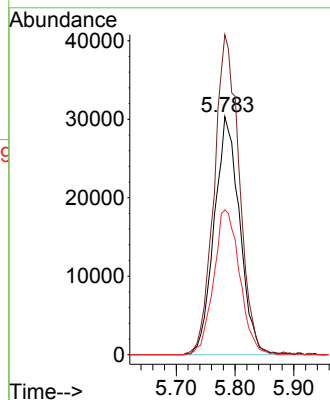
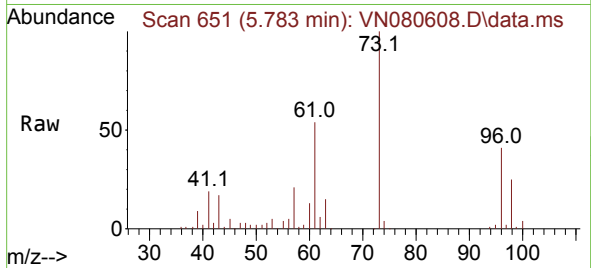




#21
trans-1,2-Dichloroethene
Concen: 18.313 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

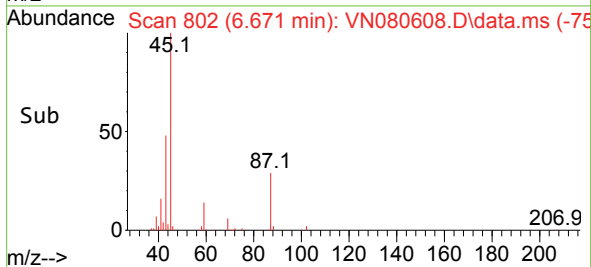
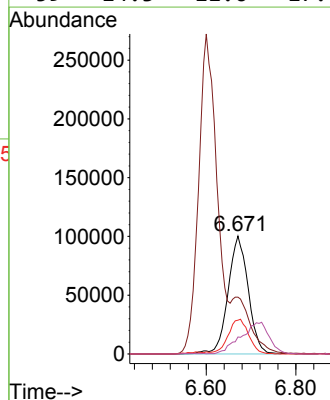
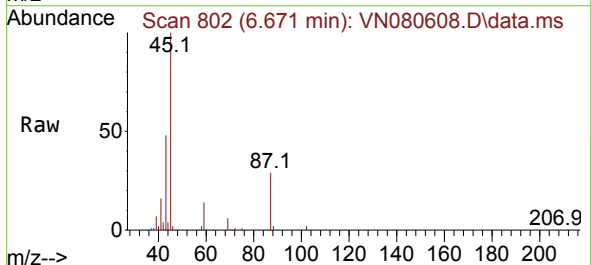
Instrument :
MSVOA_N
ClientSampleId :
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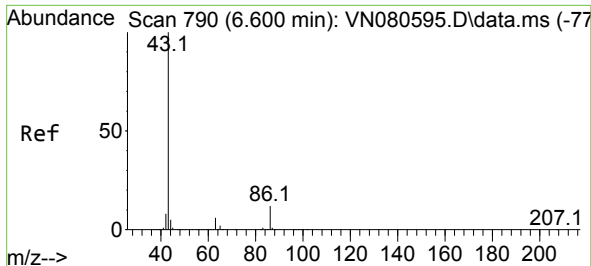
Tgt Ion: 96 Resp: 90842
Ion Ratio Lower Upper
96 100
61 134.4 90.1 135.1
98 60.8 46.4 69.6



#22
Diisopropyl ether
Concen: 22.621 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 45 Resp: 313166
Ion Ratio Lower Upper
45 100
43 47.2 45.5 68.3
87 28.6 31.8 47.8#
59 14.3 11.6 17.4

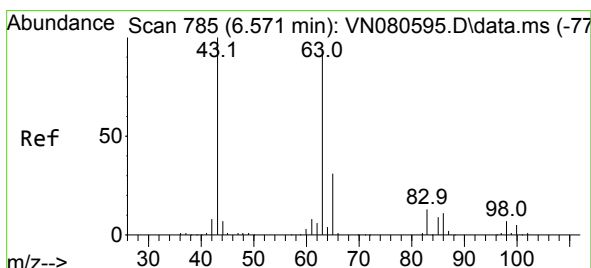
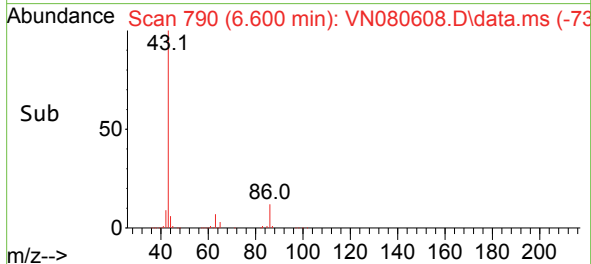
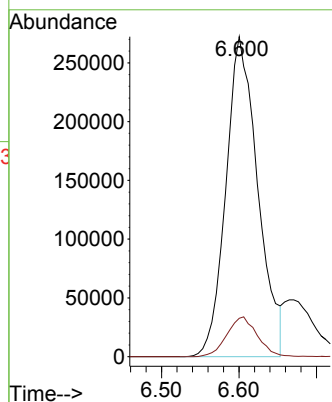
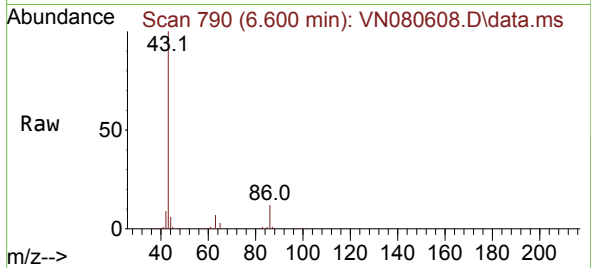




#23
 Vinyl Acetate
 Concen: 101.693 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

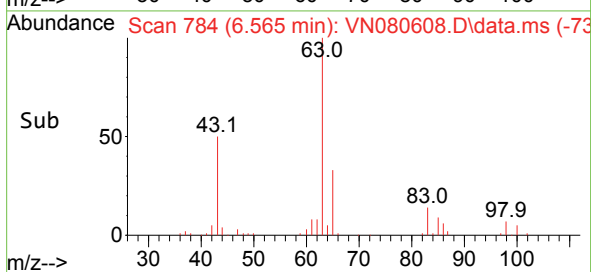
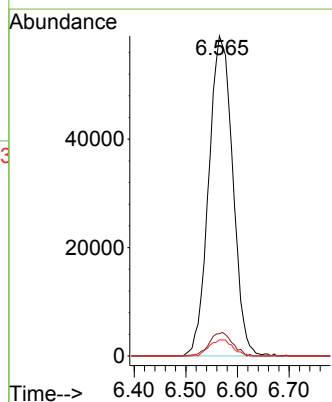
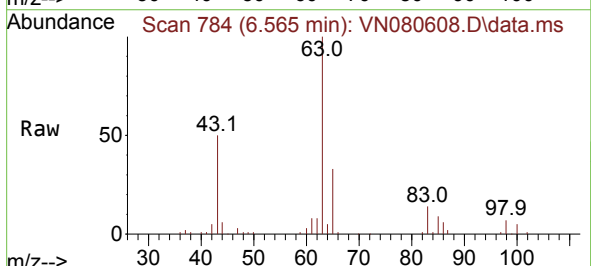
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

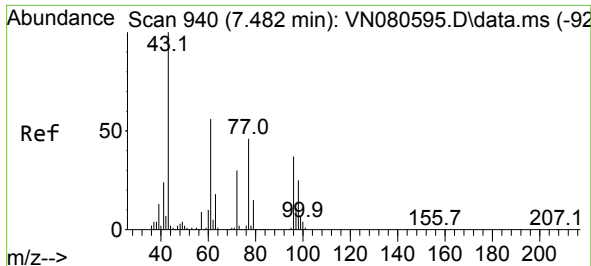
Tgt Ion: 43 Resp: 780842
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.523 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

Tgt Ion: 63 Resp: 190440
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 5.1 2.5 7.4

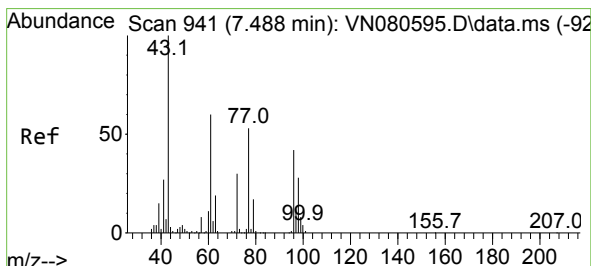
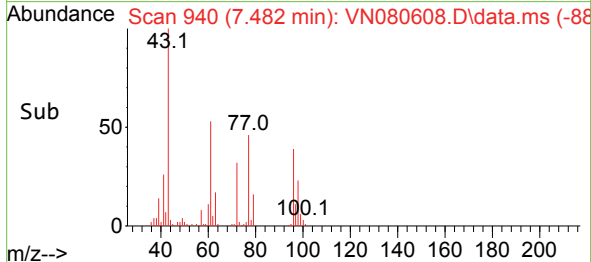
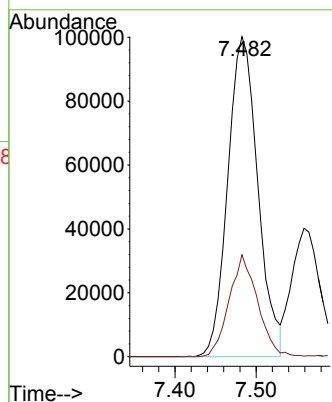
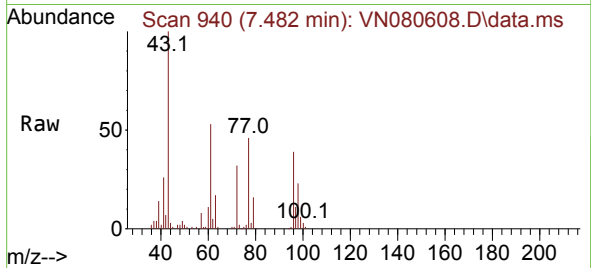




#25
2-Butanone
Concen: 89.224 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

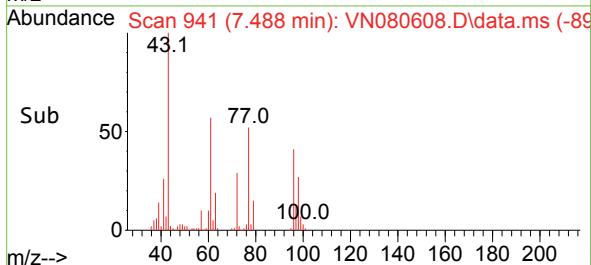
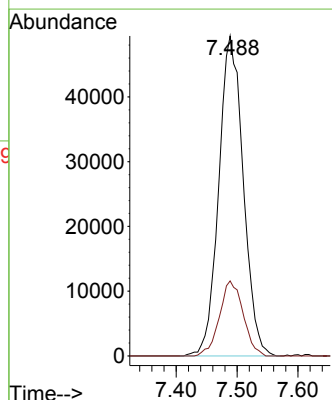
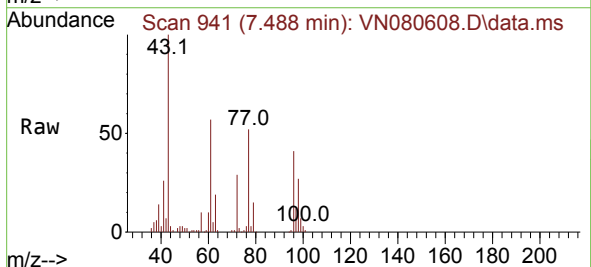
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

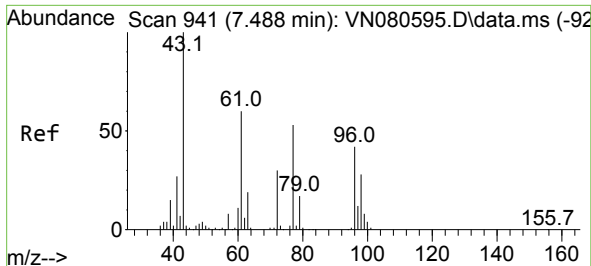
Tgt Ion: 43 Resp: 258300
Ion Ratio Lower Upper
43 100
72 31.9 30.2 45.2



#26
2,2-Dichloropropane
Concen: 17.067 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 77 Resp: 137861
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6

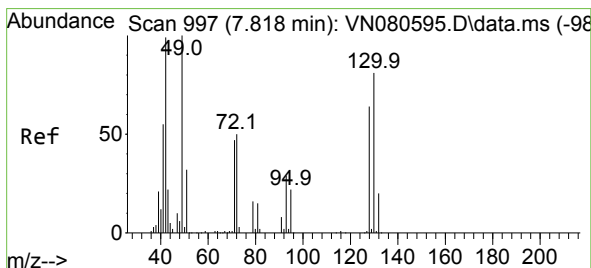
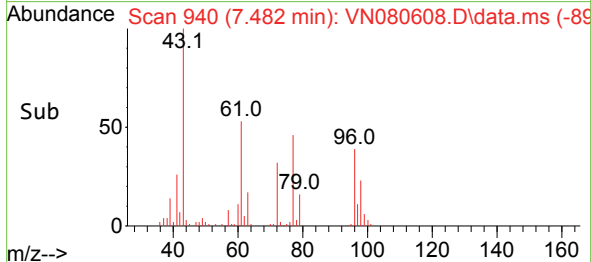
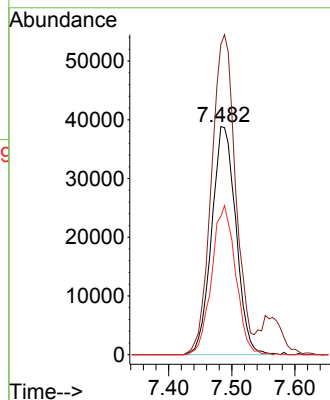
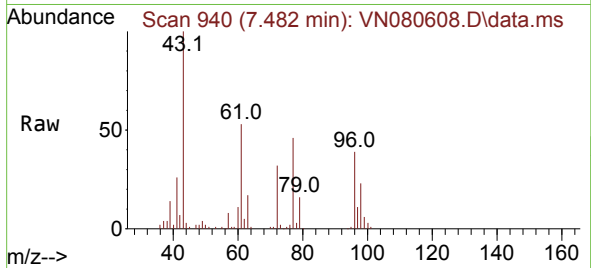




#27
 cis-1,2-Dichloroethene
 Concen: 17.555 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

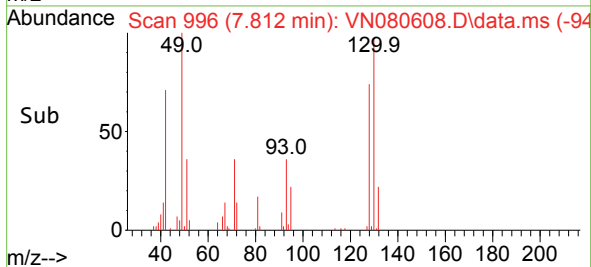
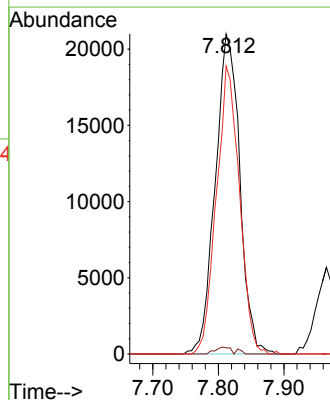
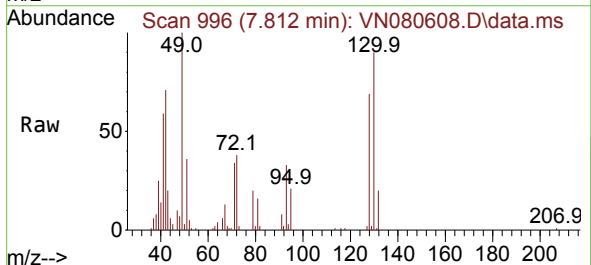
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

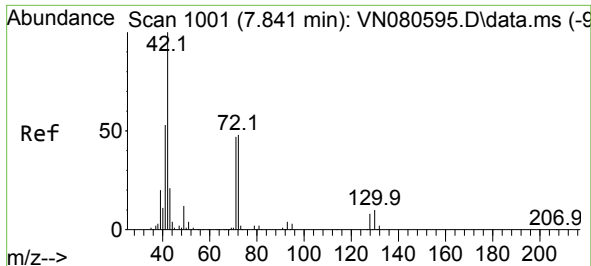
Tgt Ion: 96 Resp: 103576
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 255.2
 98 64.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 12.609 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

Tgt Ion: 49 Resp: 54401
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 84.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 93.885 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

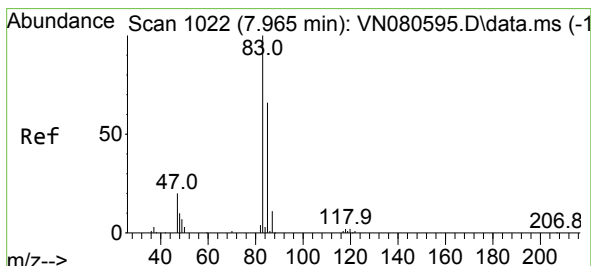
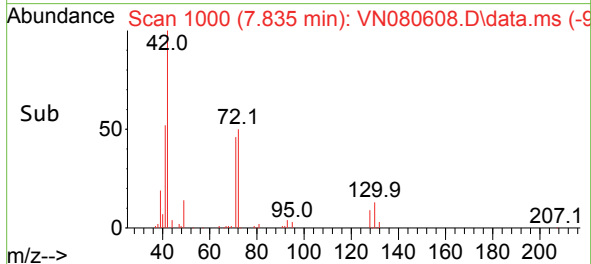
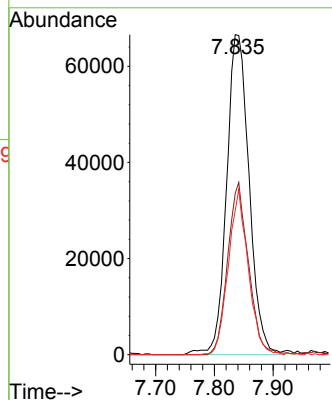
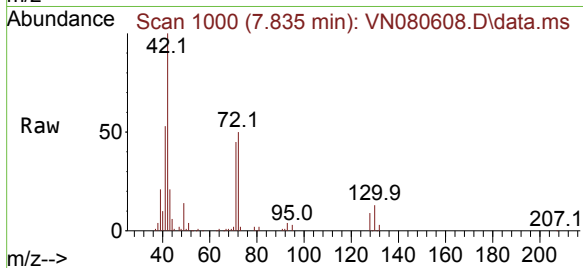
Tgt Ion: 42 Resp: 177255

Ion Ratio Lower Upper

42 100

72 49.7 49.8 74.6#

71 45.6 47.4 71.2#



#30

Chloroform

Concen: 18.972 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080608.D

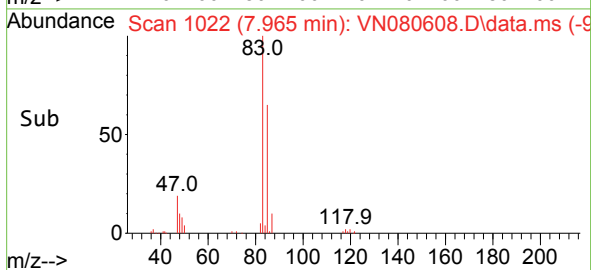
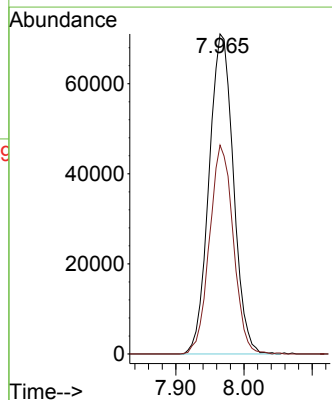
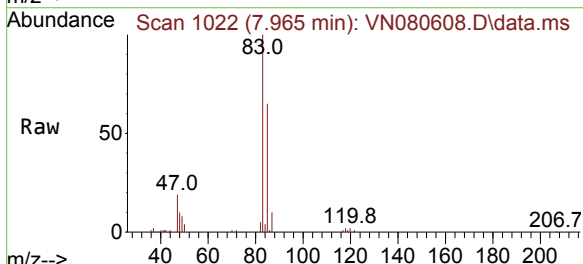
Acq: 29 Dec 2023 12:24

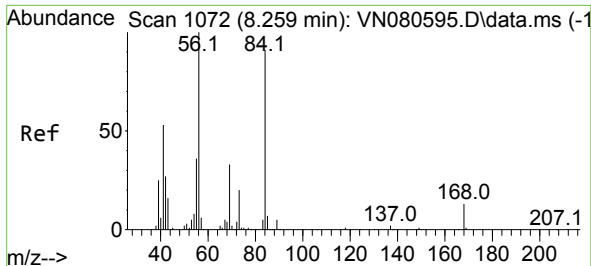
Tgt Ion: 83 Resp: 176743

Ion Ratio Lower Upper

83 100

85 65.3 55.4 83.0

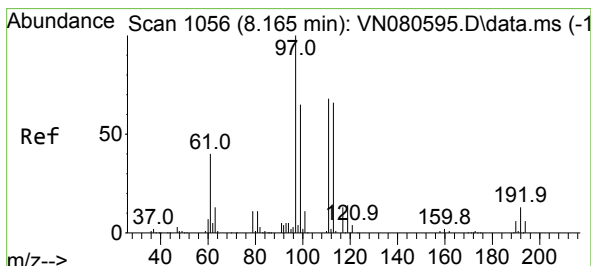
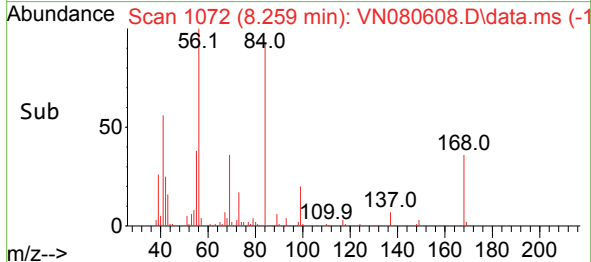
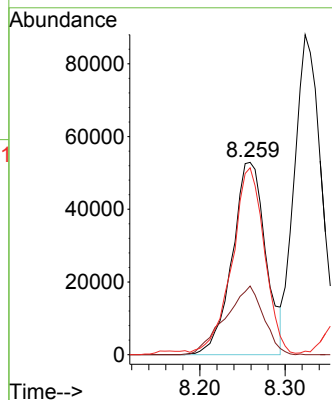
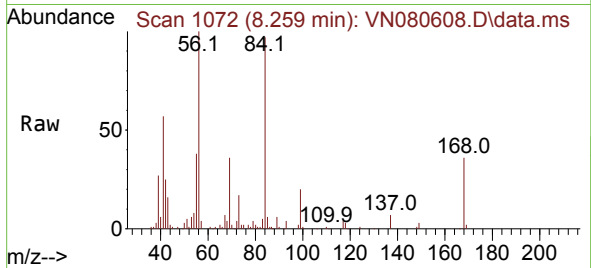




#31
Cyclohexane
Concen: 18.697 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

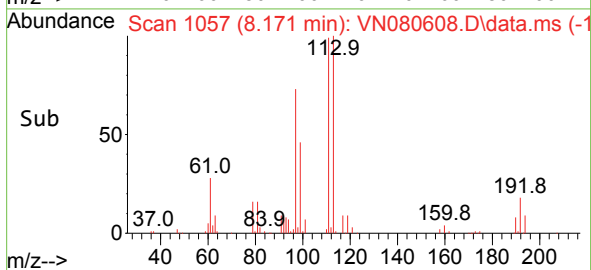
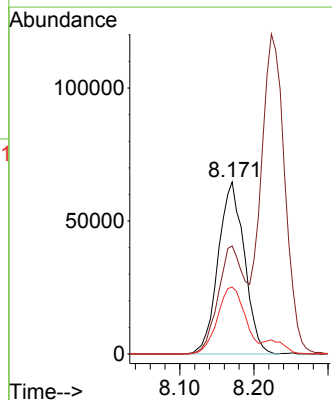
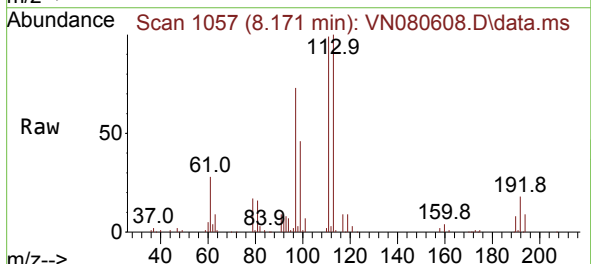
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

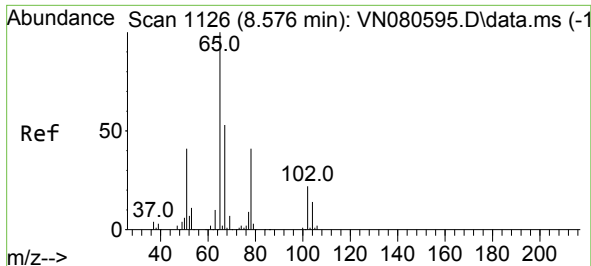
Tgt Ion: 56 Resp: 144141
Ion Ratio Lower Upper
56 100
69 35.7 26.8 40.2
84 95.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.880 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 97 Resp: 158601
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 41.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 44.680 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

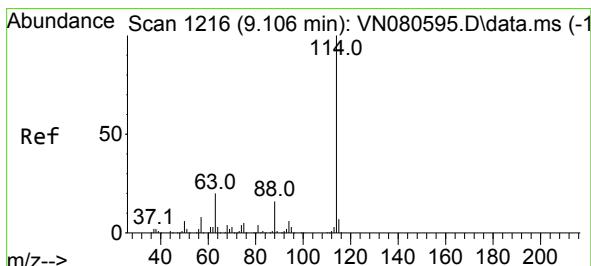
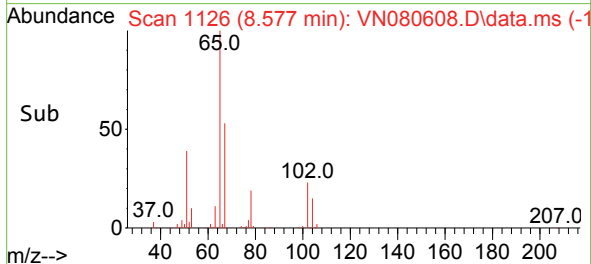
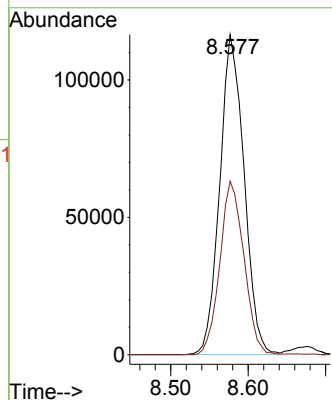
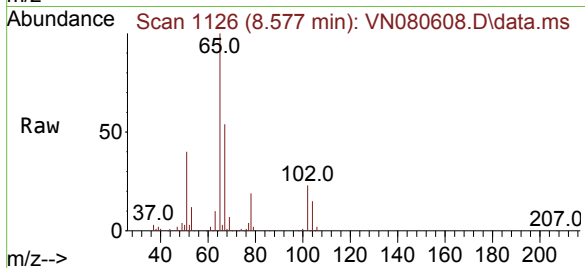
VN1229WBSD01

Tgt Ion: 65 Resp: 254585

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

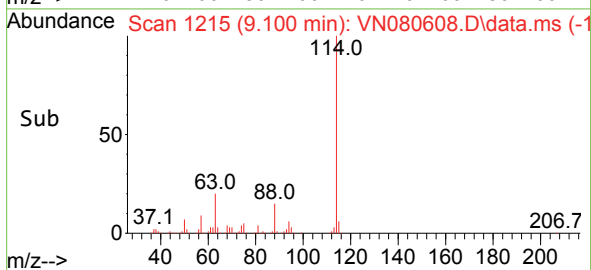
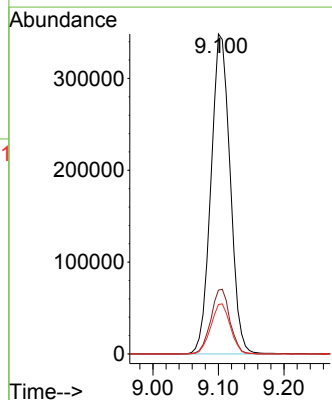
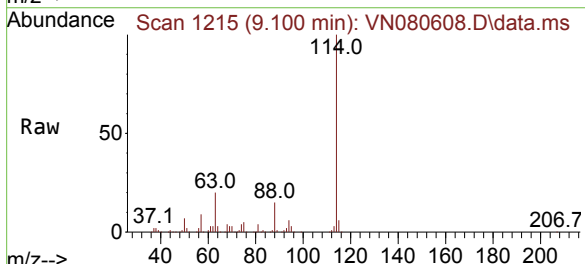
Tgt Ion: 114 Resp: 707391

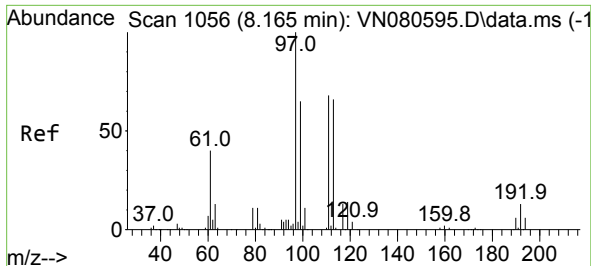
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 15.4 0.0 30.6

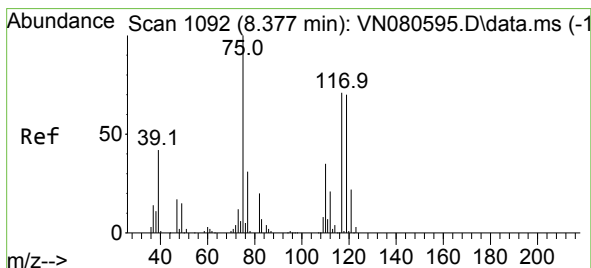
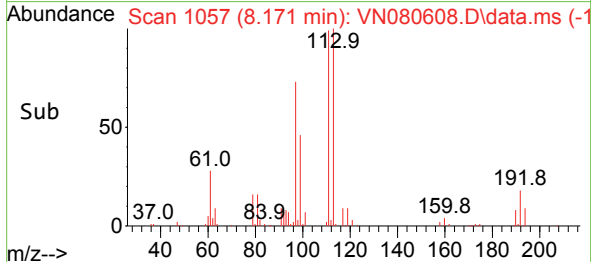
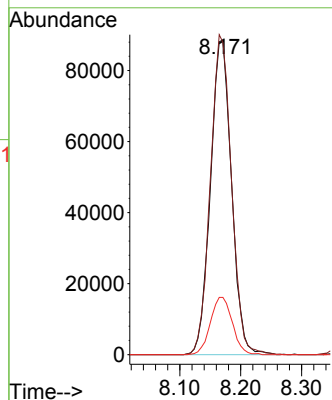
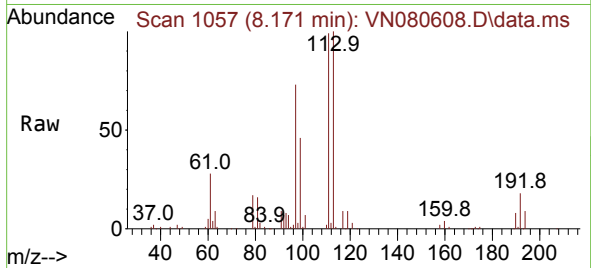




#35
Dibromofluoromethane
Concen: 46.530 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

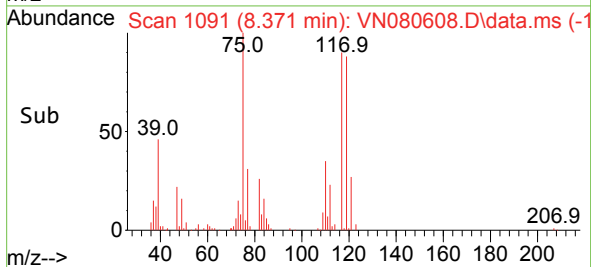
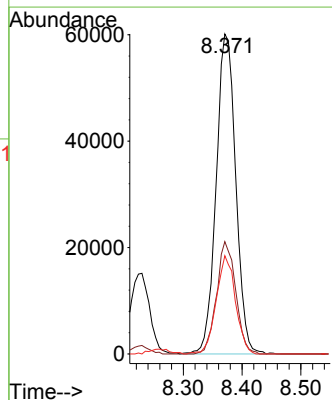
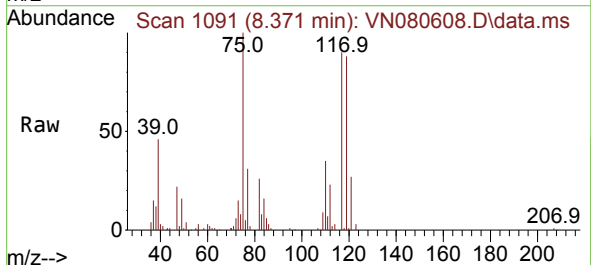
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

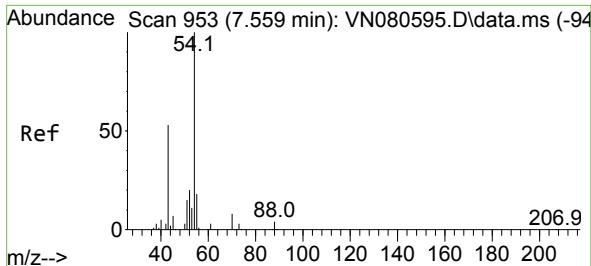
Tgt Ion:113 Resp: 212878
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.772 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 75 Resp: 139219
Ion Ratio Lower Upper
75 100
110 34.3 19.1 57.3
77 30.2 25.0 37.4

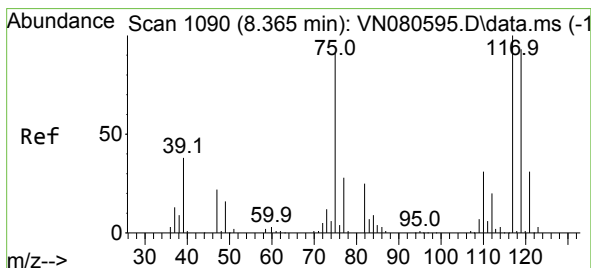
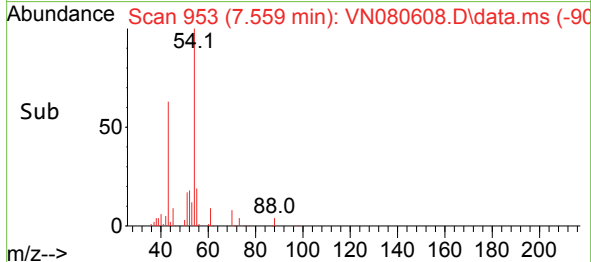
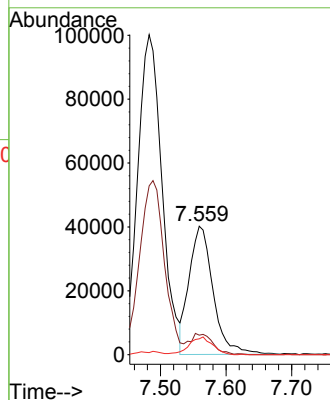
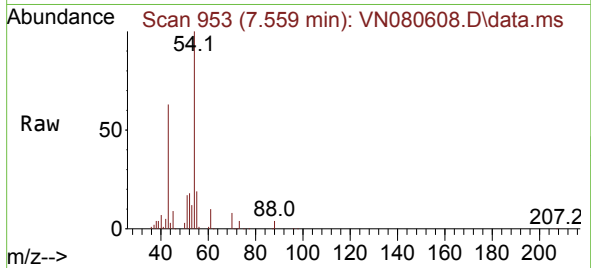




#37
Ethyl Acetate
Concen: 19.194 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

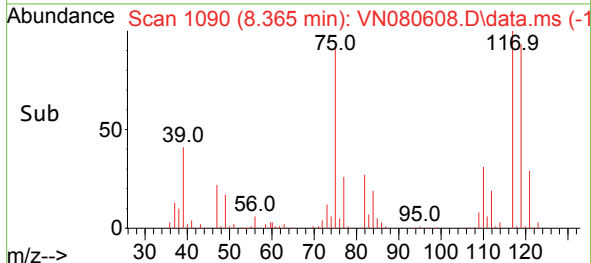
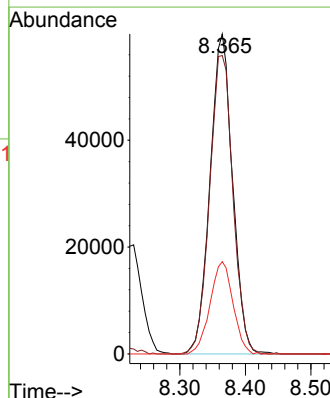
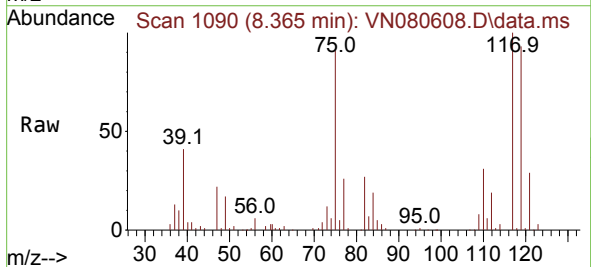
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

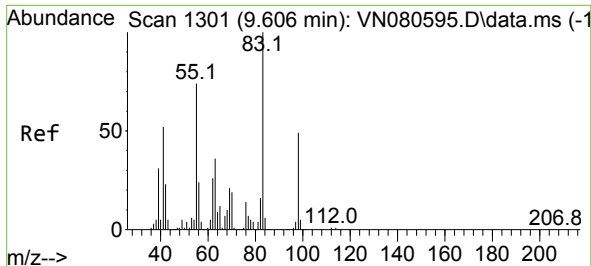
Tgt Ion: 43 Resp: 101977
Ion Ratio Lower Upper
43 100
61 15.8 13.2 19.8
70 13.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 19.829 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 117 Resp: 142832
Ion Ratio Lower Upper
117 100
119 93.2 77.3 115.9
121 28.9 23.3 34.9

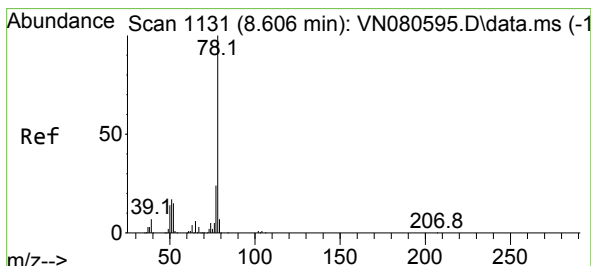
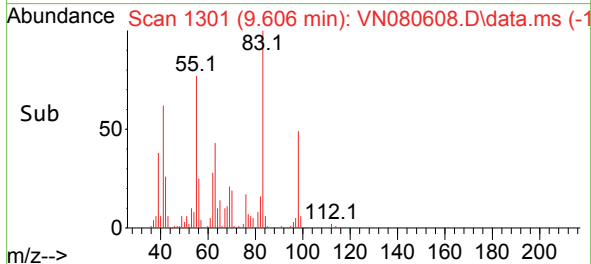
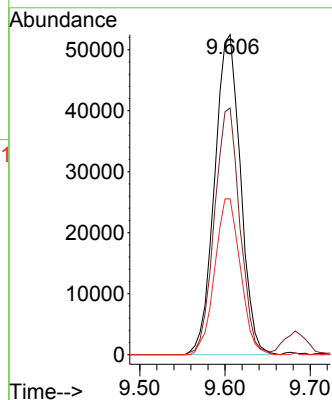
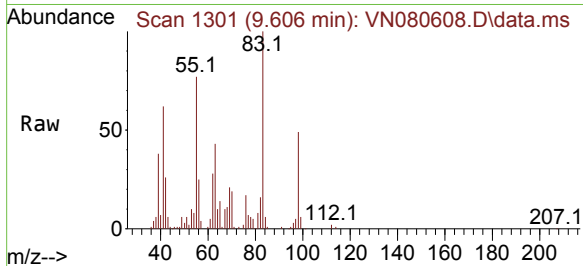




#39
Methylcyclohexane
Concen: 19.198 ug/l
RT: 9.606 min Scan# 110874
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

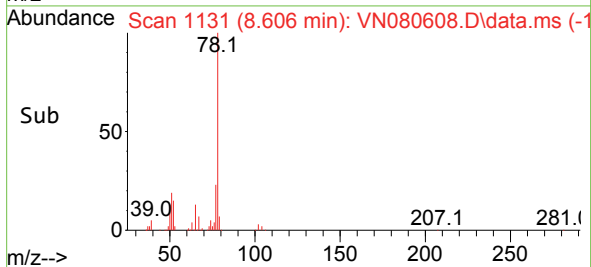
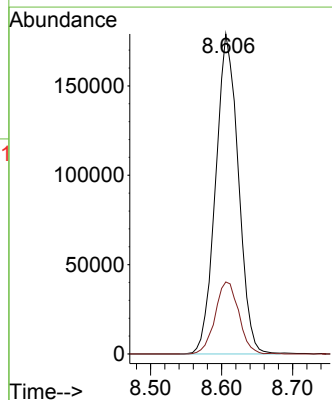
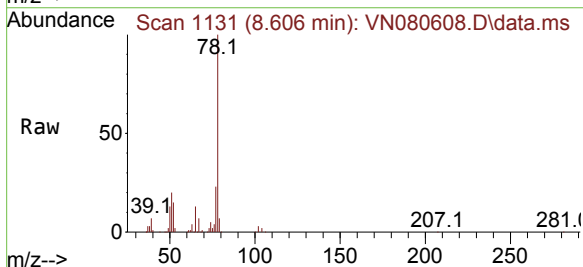
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

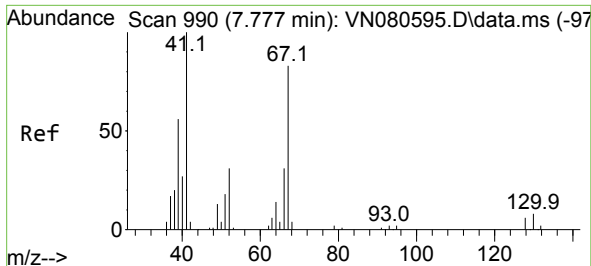
Tgt Ion: 83 Resp: 110874
Ion Ratio Lower Upper
83 100
55 77.1 49.1 73.7#
98 48.7 40.6 61.0



#40
Benzene
Concen: 19.570 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 78 Resp: 397140
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6

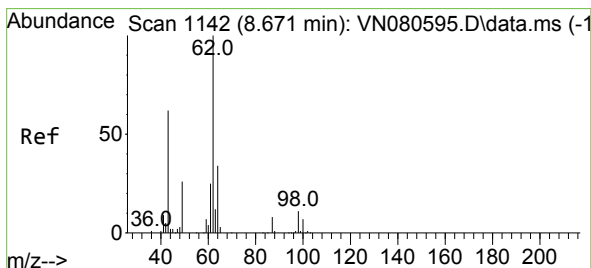
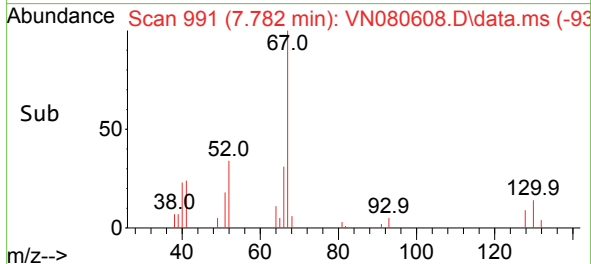
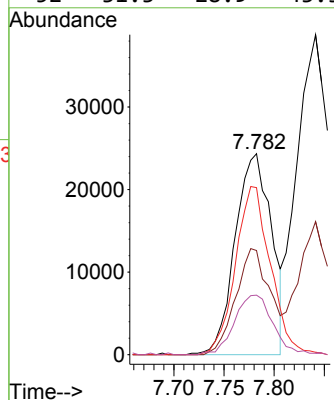
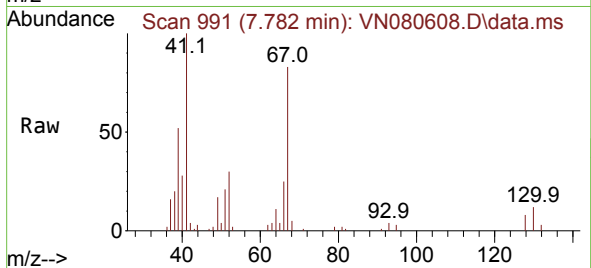




#41
Methacrylonitrile
Concen: 18.707 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

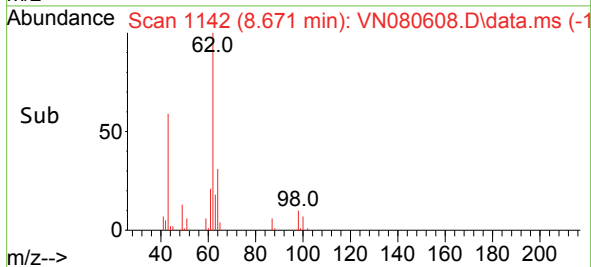
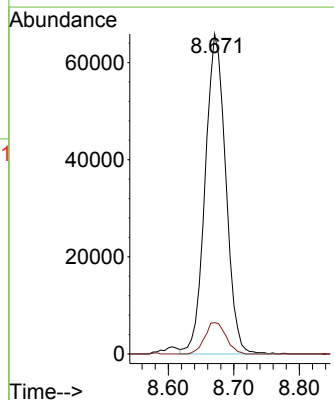
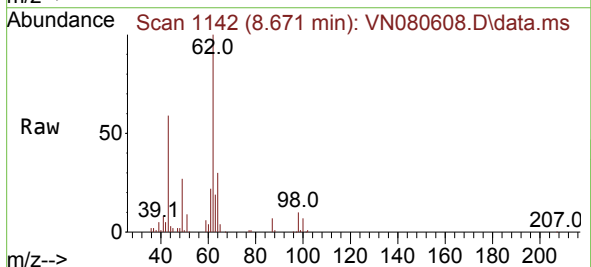
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

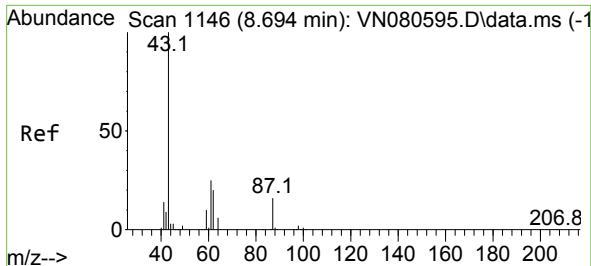
Tgt Ion:	41	Resp:	61293
Ion	Ratio	Lower	Upper
41	100		
39	49.6	42.6	64.0
67	80.8	77.5	116.3
52	31.3	28.9	43.3



#42
1,2-Dichloroethane
Concen: 22.069 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion:	62	Resp:	143982
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8

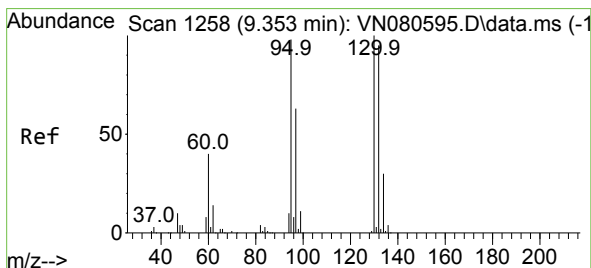
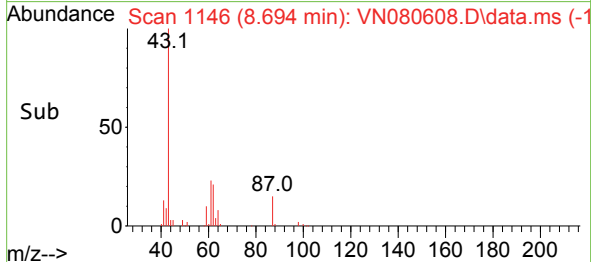
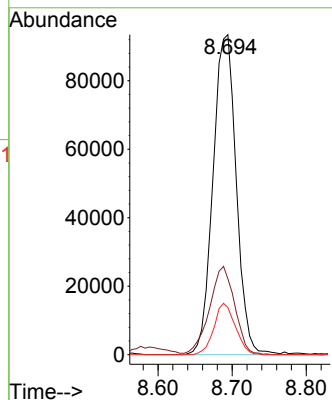
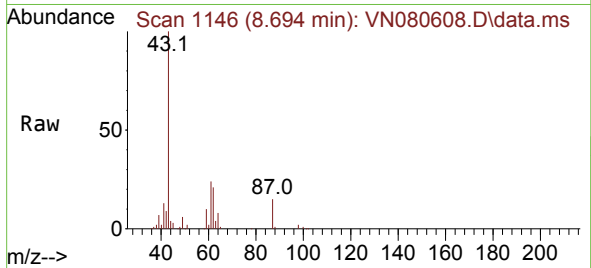




#43
Isopropyl Acetate
Concen: 23.666 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

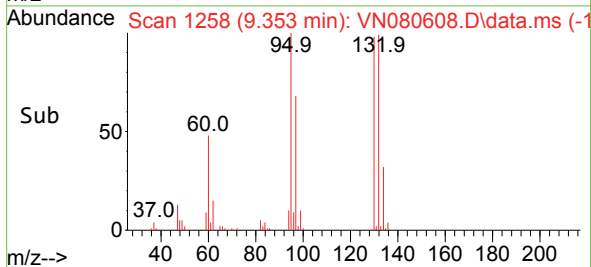
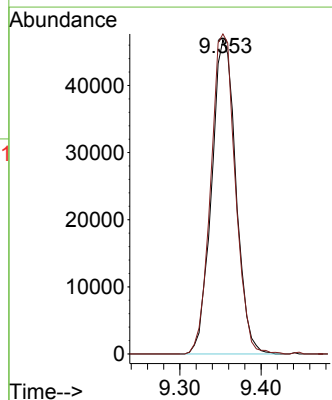
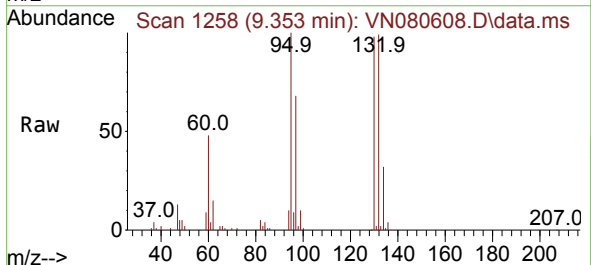
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

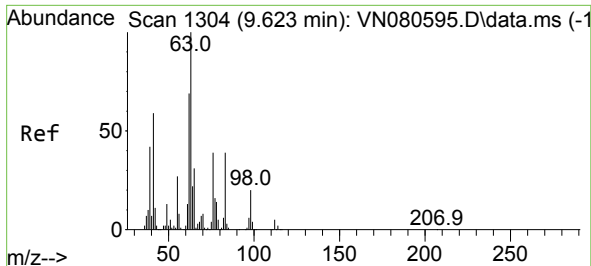
Tgt Ion: 43 Resp: 203799
Ion Ratio Lower Upper
43 100
61 30.0 24.7 37.1
87 14.8 14.6 21.8



#44
Trichloroethene
Concen: 18.569 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion:130 Resp: 97599
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.161 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

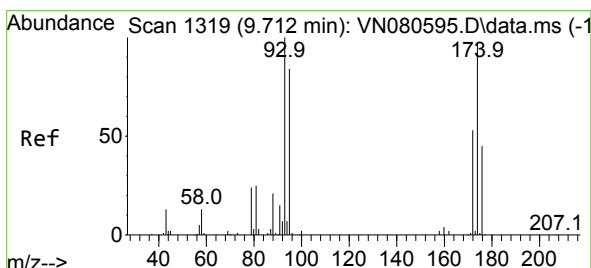
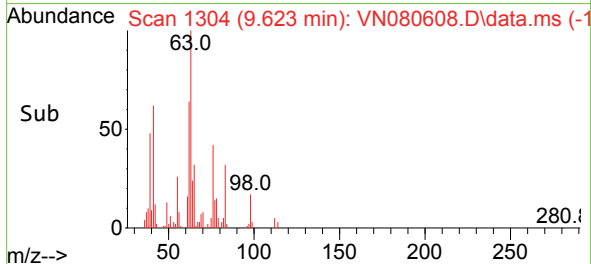
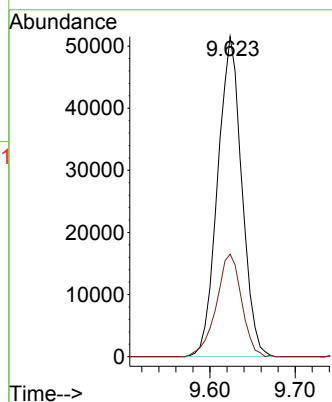
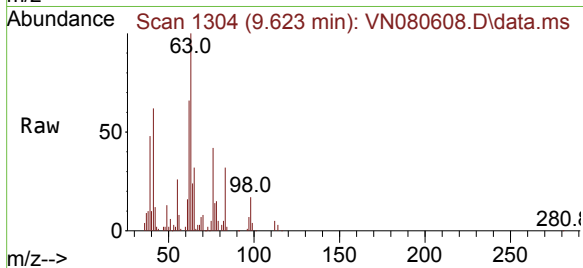
VN1229WBSD01

Tgt Ion: 63 Resp: 101265

Ion Ratio Lower Upper

63 100

65 32.1 23.9 35.9



#46

Dibromomethane

Concen: 21.546 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

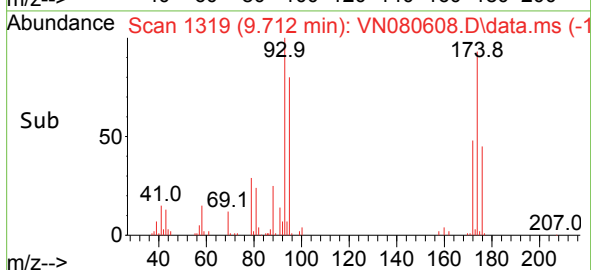
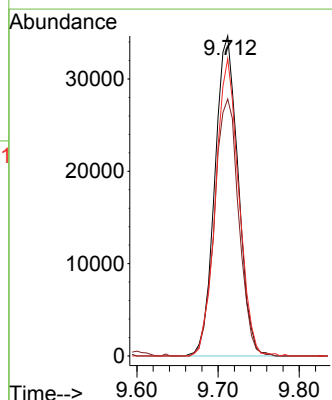
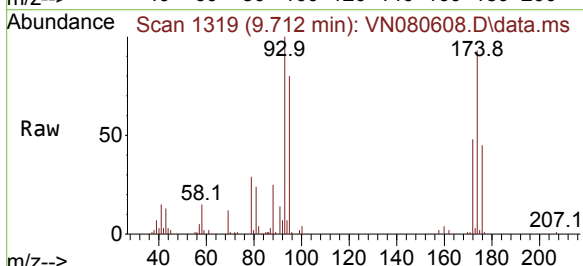
Tgt Ion: 93 Resp: 69369

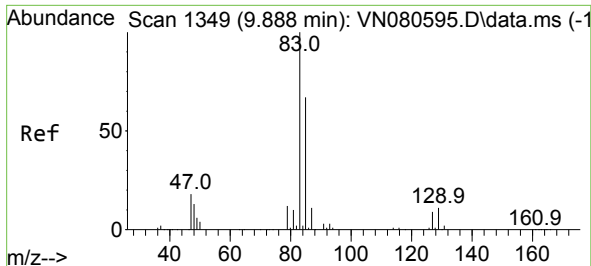
Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

174 92.5 65.6 98.4

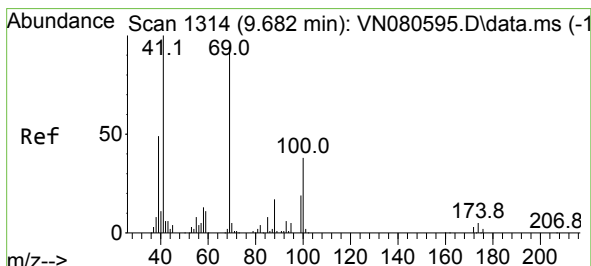
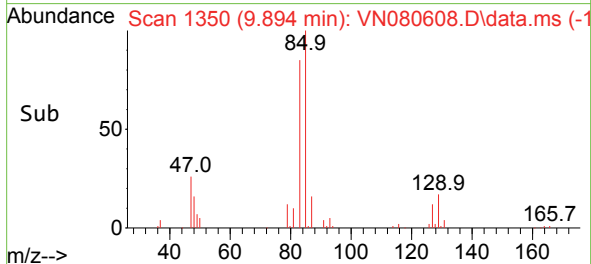
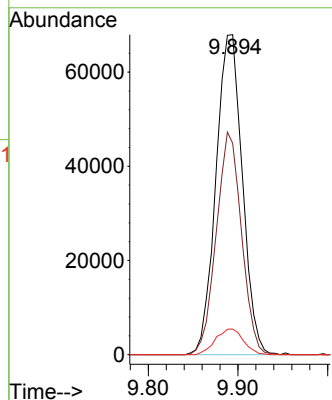
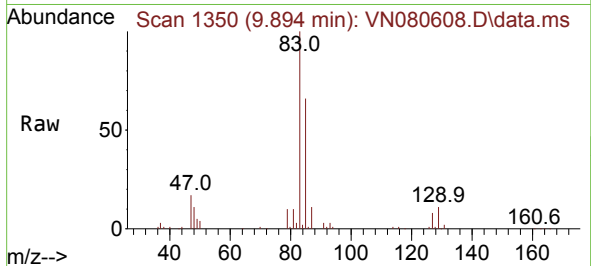




#47
Bromodichloromethane
Concen: 20.587 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

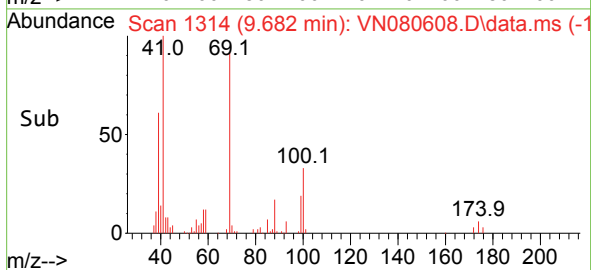
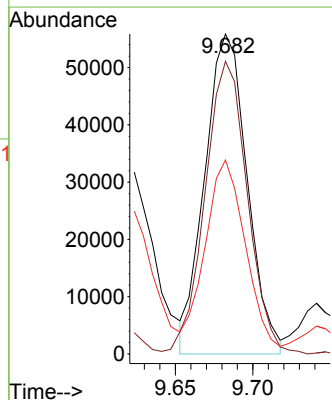
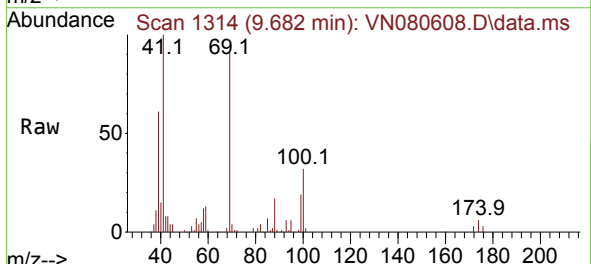
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

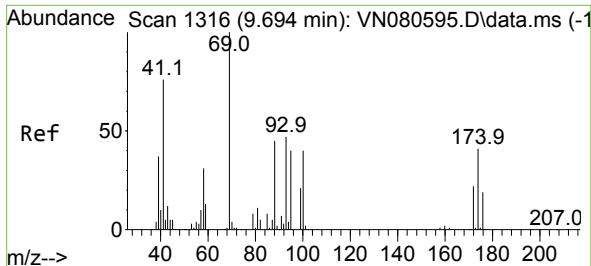
Tgt Ion: 83 Resp: 138940
Ion Ratio Lower Upper
83 100
85 66.0 49.6 74.4
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 22.202 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 41 Resp: 106161
Ion Ratio Lower Upper
41 100
69 91.5 90.4 135.6
39 58.5 54.6 81.8

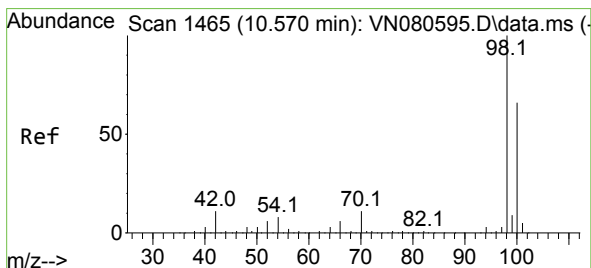
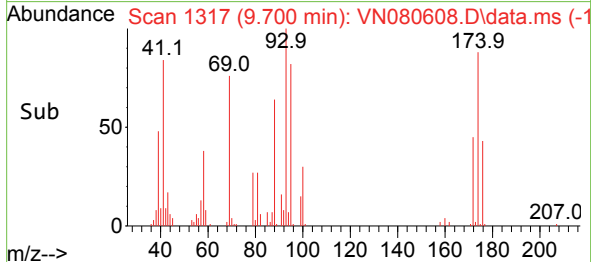
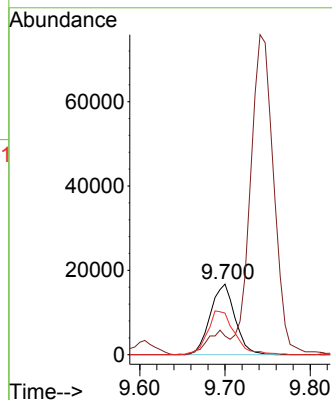
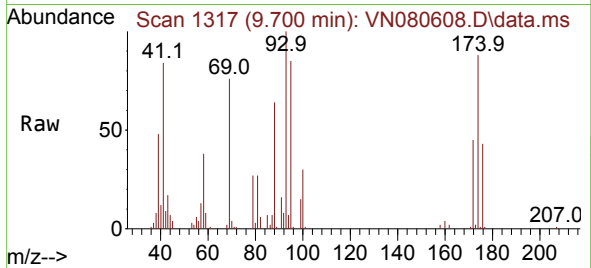




#49
1,4-Dioxane
Concen: 440.882 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

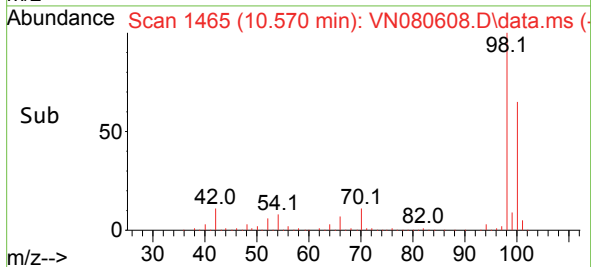
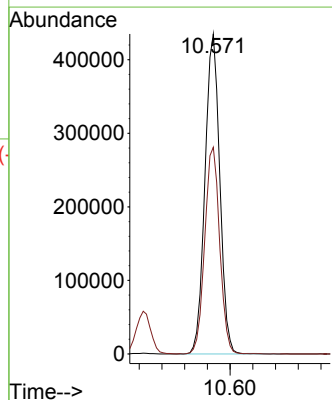
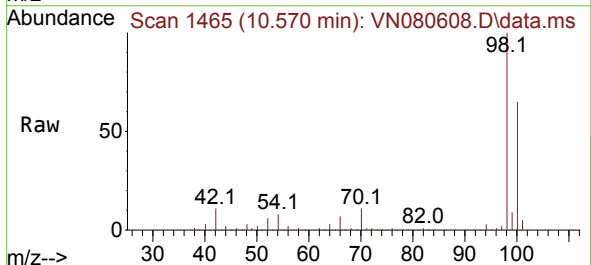
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

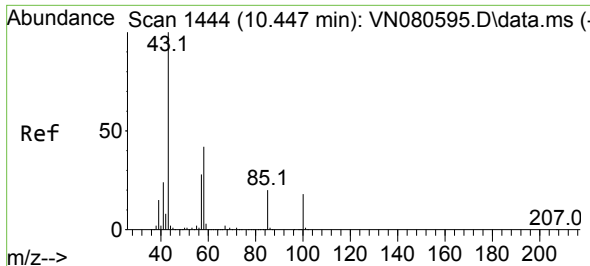
Tgt Ion: 88 Resp: 33695
Ion Ratio Lower Upper
88 100
43 29.4 17.0 25.6#
58 68.0 47.0 70.4



#50
Toluene-d8
Concen: 49.119 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 98 Resp: 784623
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

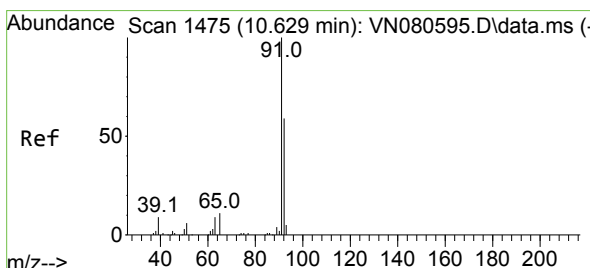
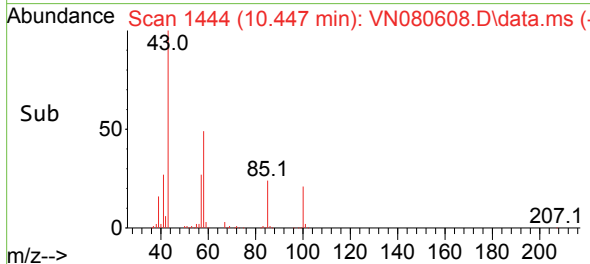
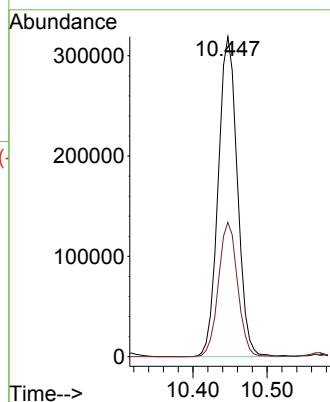
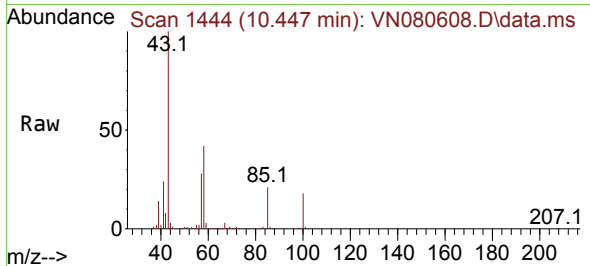




#51
4-Methyl-2-Pentanone
Concen: 117.059 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

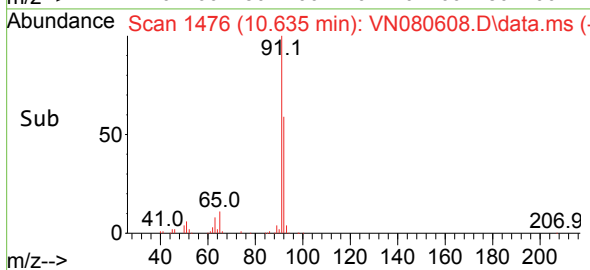
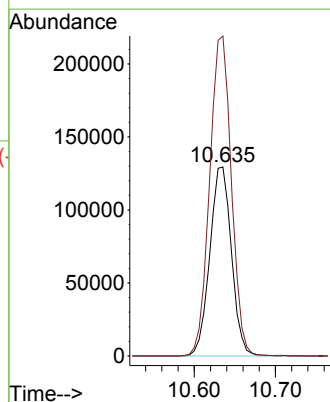
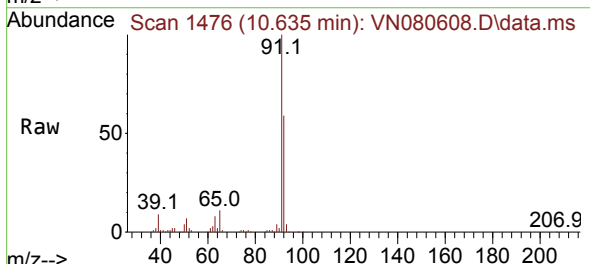
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

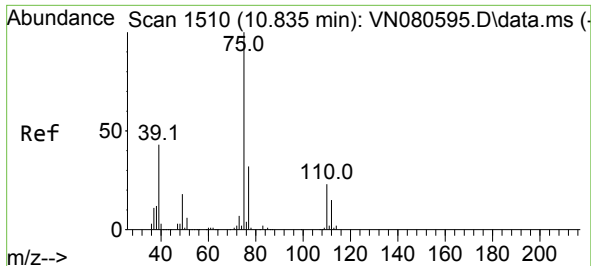
Tgt Ion: 43 Resp: 573351
Ion Ratio Lower Upper
43 100
58 42.1 36.6 54.8



#52
Toluene
Concen: 21.375 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 92 Resp: 239306
Ion Ratio Lower Upper
92 100
91 170.2 137.4 206.0

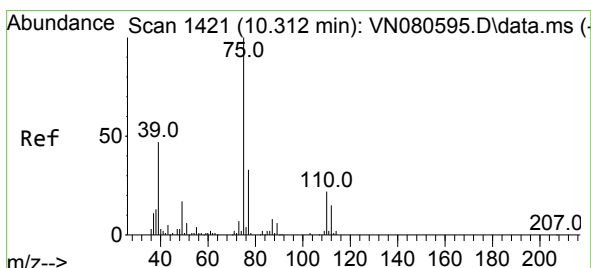
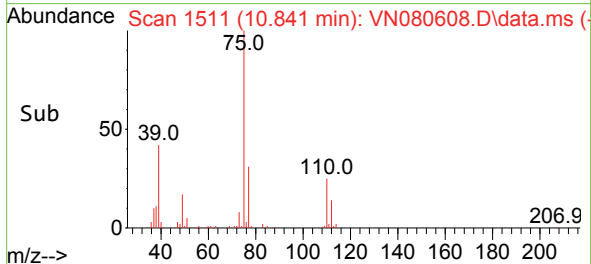
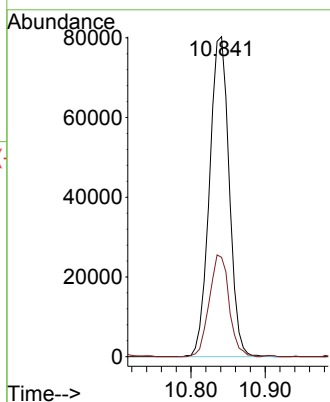
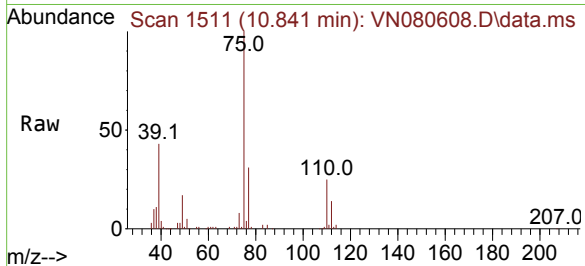




#53
 t-1,3-Dichloropropene
 Concen: 21.773 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

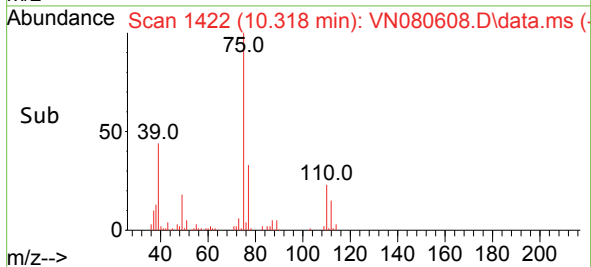
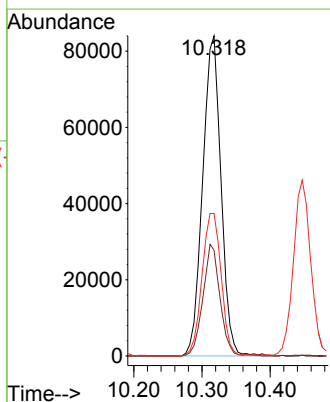
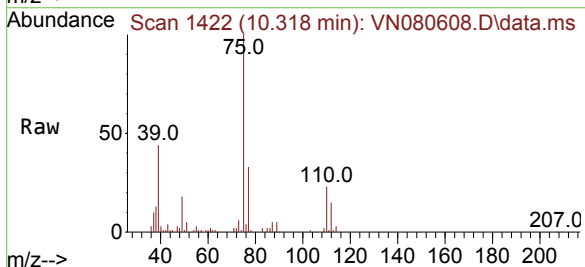
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

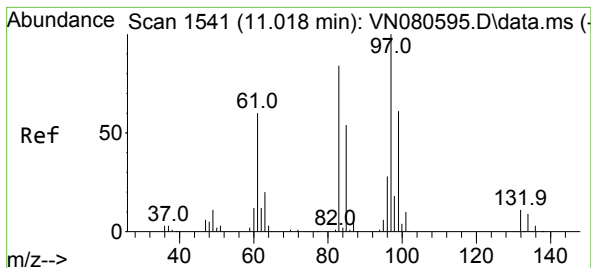
Tgt Ion: 75 Resp: 148137
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.682 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

Tgt Ion: 75 Resp: 157485
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.1 39.1
 39 44.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 21.968 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

Tgt Ion: 97 Resp: 97557

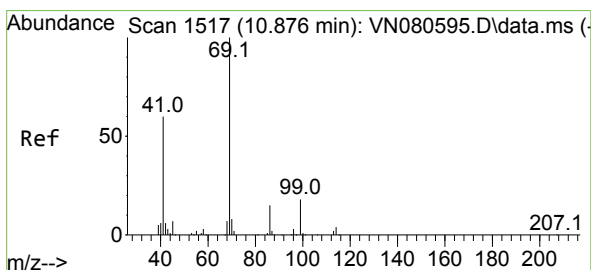
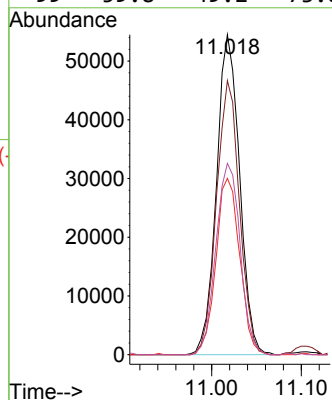
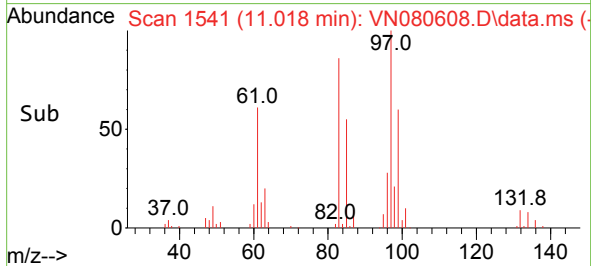
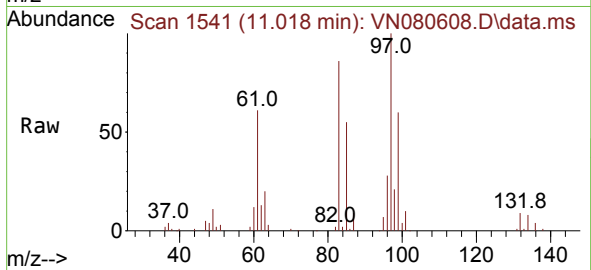
Ion Ratio Lower Upper

97 100

83 85.6 65.1 97.7

85 55.1 43.4 65.2

99 59.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 22.780 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

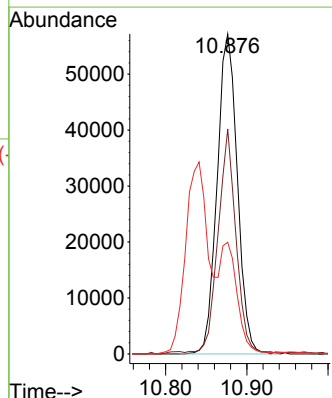
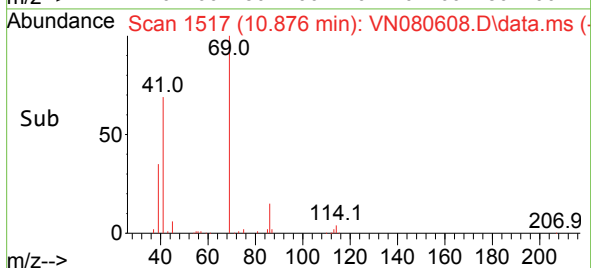
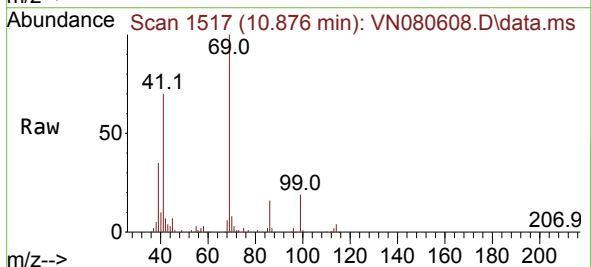
Tgt Ion: 69 Resp: 99090

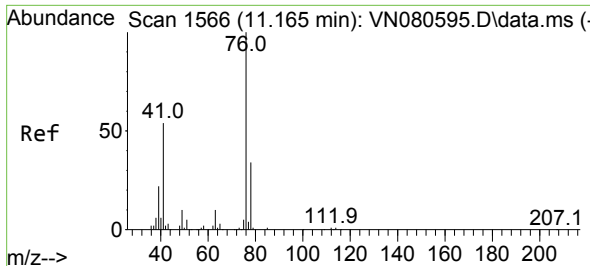
Ion Ratio Lower Upper

69 100

41 62.6 39.6 59.4#

39 26.9 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 22.212 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

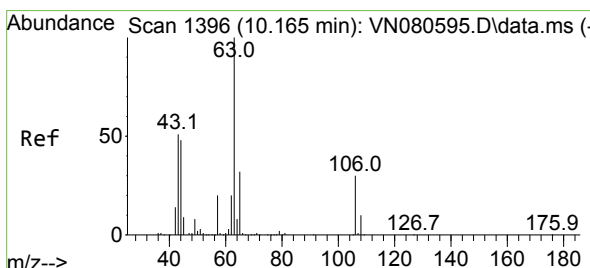
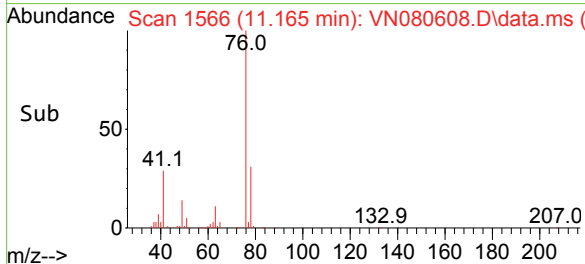
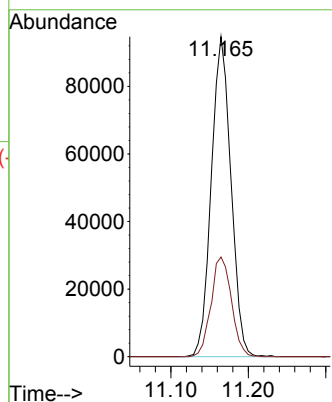
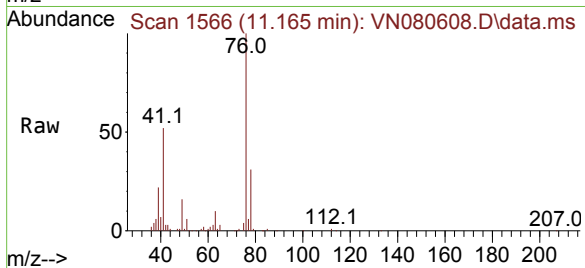
VN1229WBSD01

Tgt Ion: 76 Resp: 167132

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.876 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN080608.D

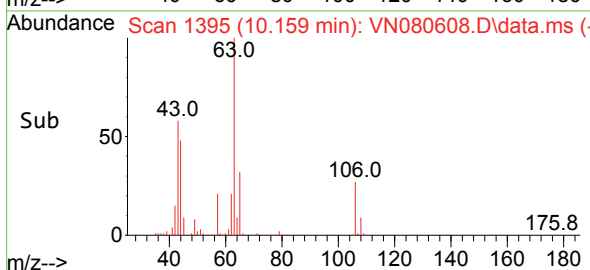
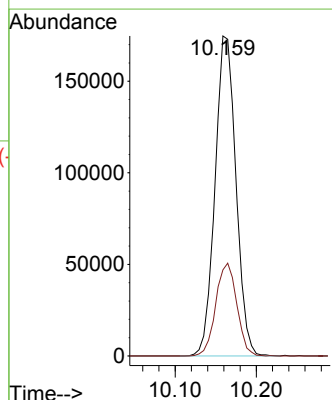
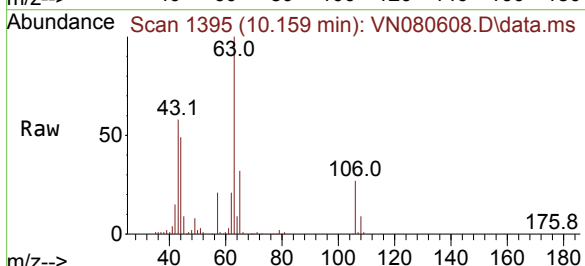
Acq: 29 Dec 2023 12:24

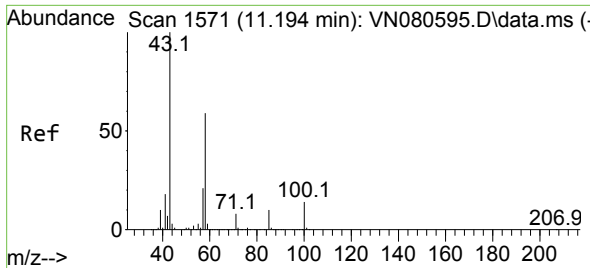
Tgt Ion: 63 Resp: 312943

Ion Ratio Lower Upper

63 100

106 29.2 26.2 39.4

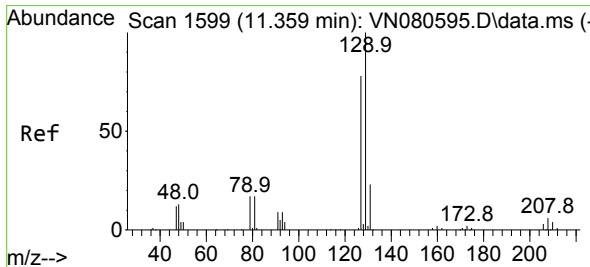
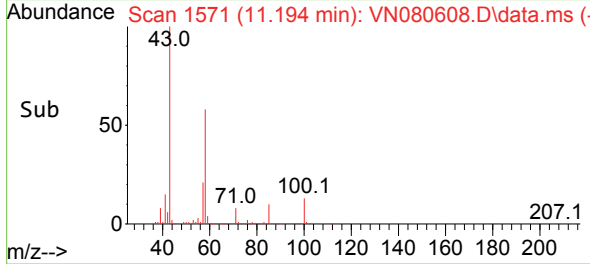
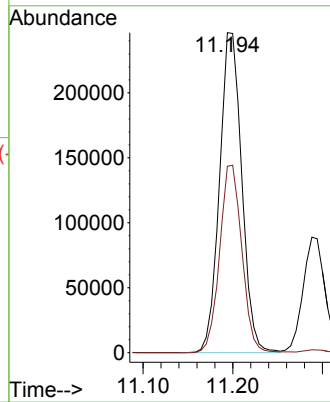
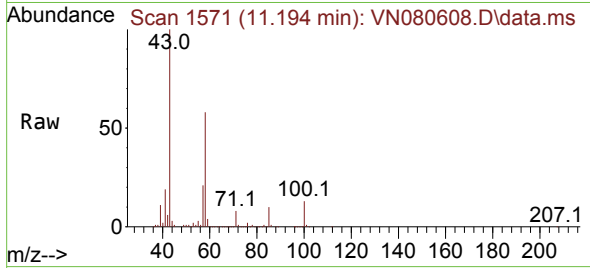




#59
2-Hexanone
Concen: 114.959 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

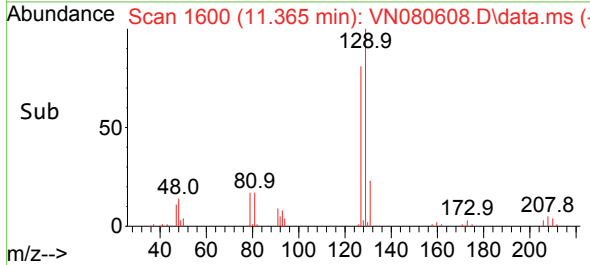
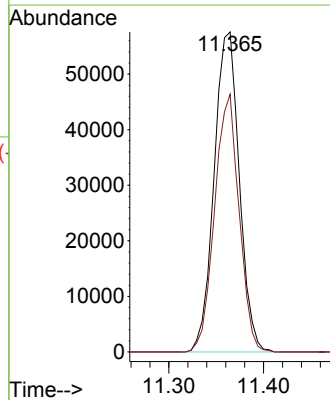
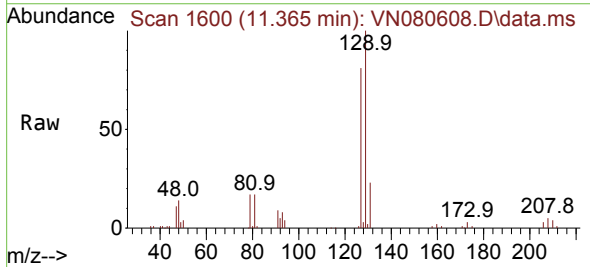
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

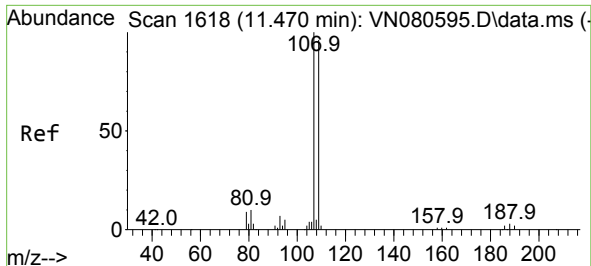
Tgt Ion: 43 Resp: 424384
Ion Ratio Lower Upper
43 100
58 58.5 31.7 95.1



#60
Dibromochloromethane
Concen: 21.521 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 129 Resp: 106423
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

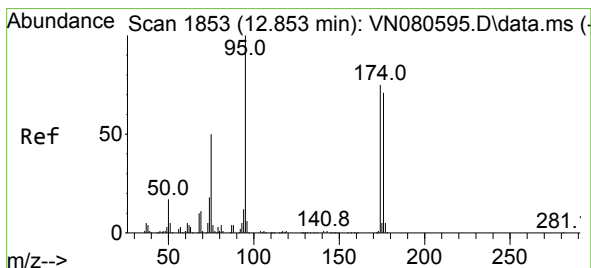
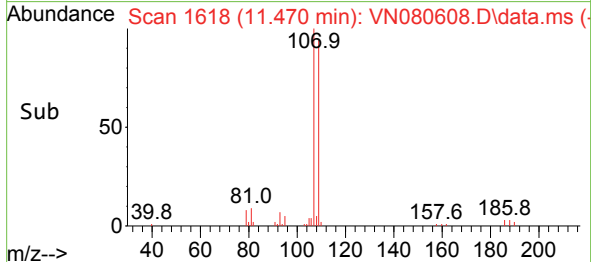
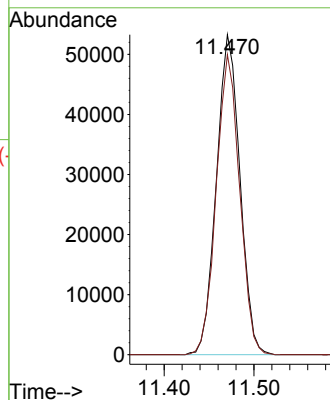
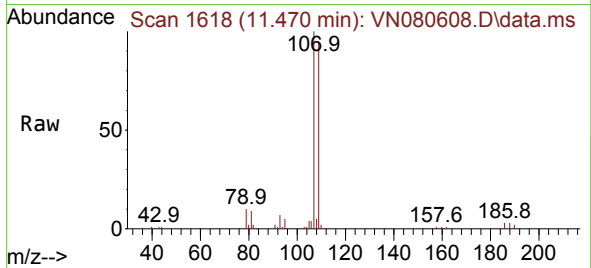




#61
1,2-Dibromoethane
Concen: 21.692 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

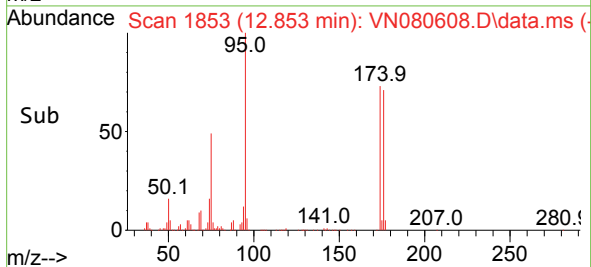
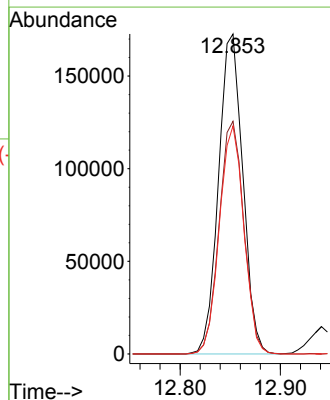
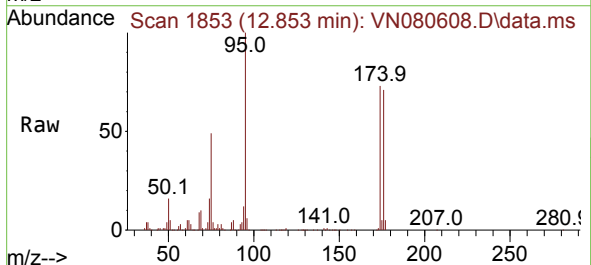
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

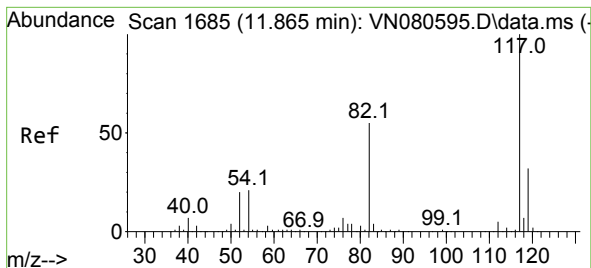
Tgt Ion:107 Resp: 97129
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.966 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 95 Resp: 290120
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.7 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: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

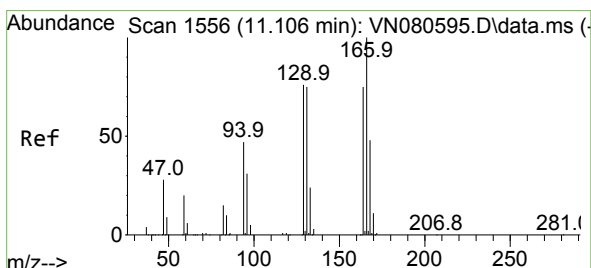
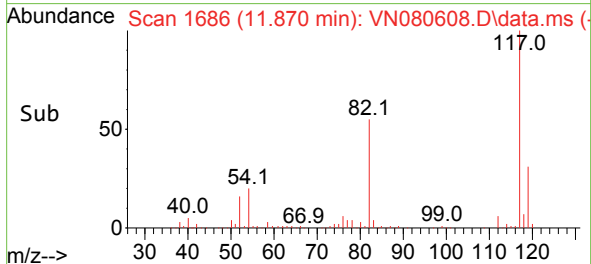
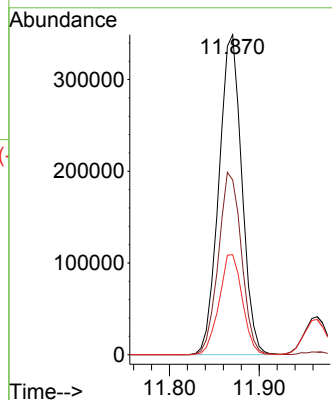
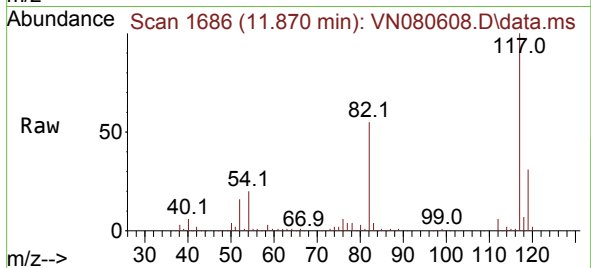
Tgt Ion:117 Resp: 619682

Ion Ratio Lower Upper

117 100

82 54.6 44.0 66.0

119 31.3 25.6 38.4



#64

Tetrachloroethene

Concen: 19.839 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Tgt Ion:164 Resp: 82149

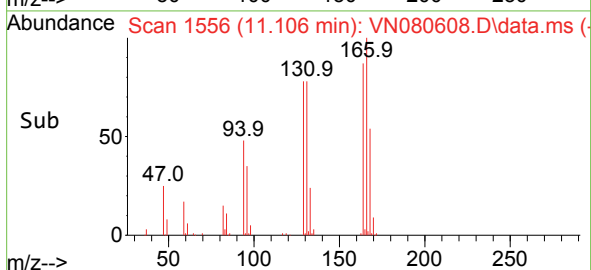
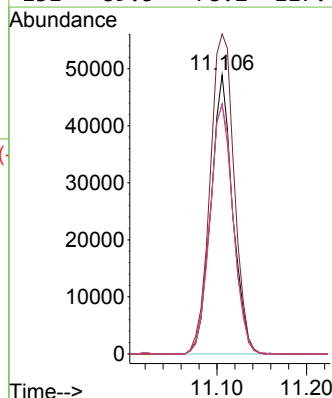
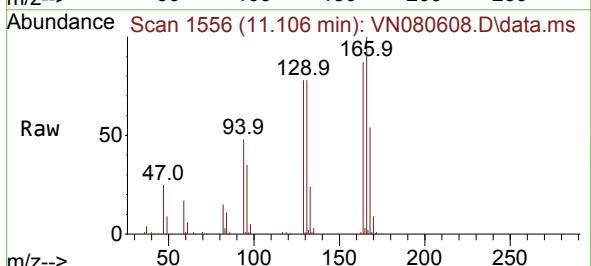
Ion Ratio Lower Upper

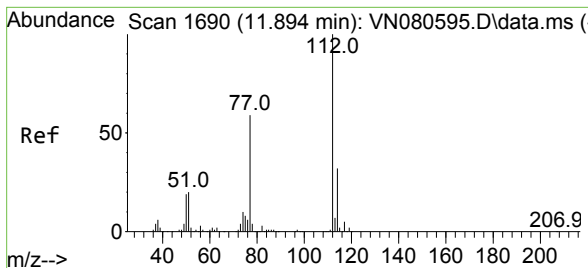
164 100

166 114.7 101.4 152.0

129 89.7 82.4 123.6

131 89.5 78.2 117.4

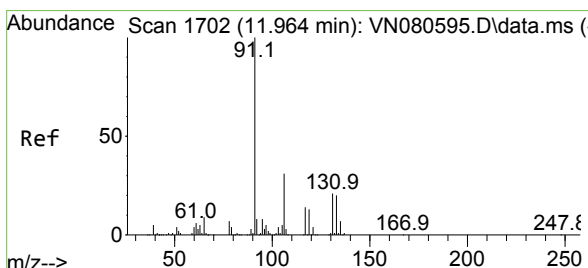
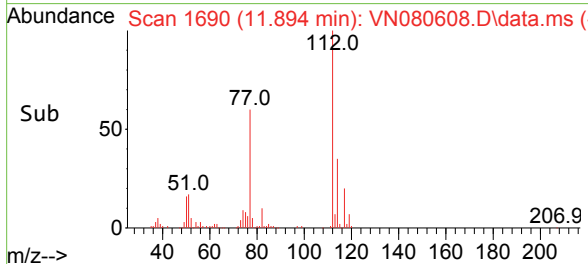
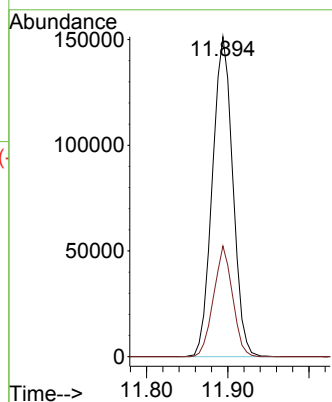
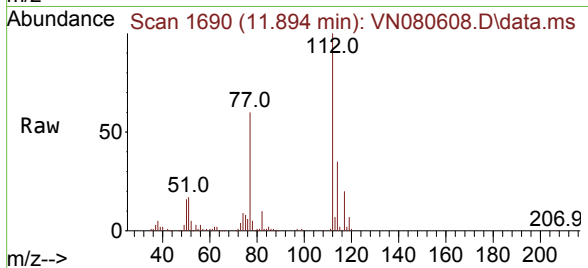




#65
Chlorobenzene
Concen: 20.521 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

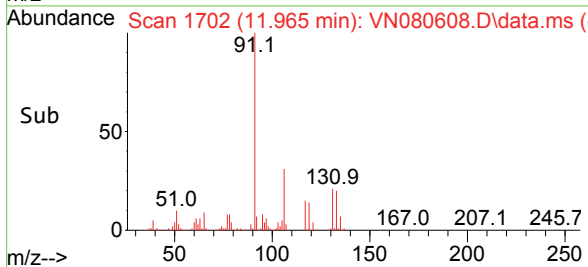
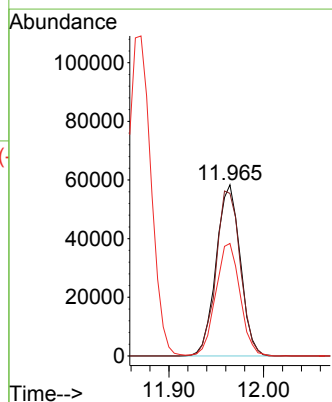
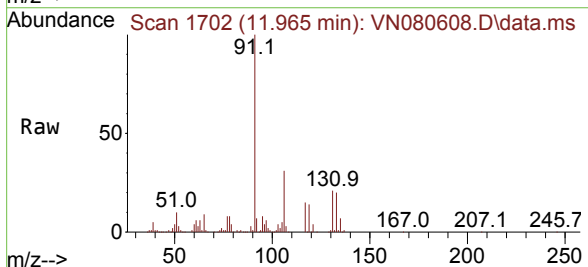
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

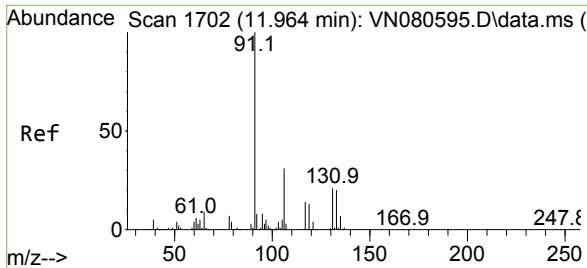
Tgt Ion:112 Resp: 264546
Ion Ratio Lower Upper
112 100
114 34.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.890 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion:131 Resp: 103586
Ion Ratio Lower Upper
131 100
133 97.3 46.4 139.1
119 66.3 34.1 102.2





#67

Ethyl Benzene

Concen: 21.085 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

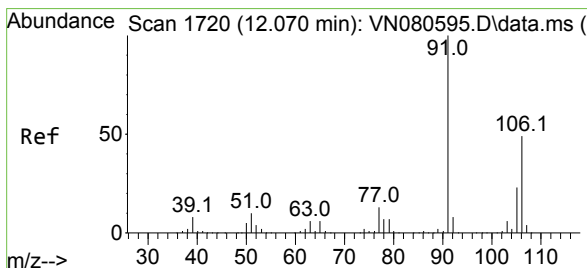
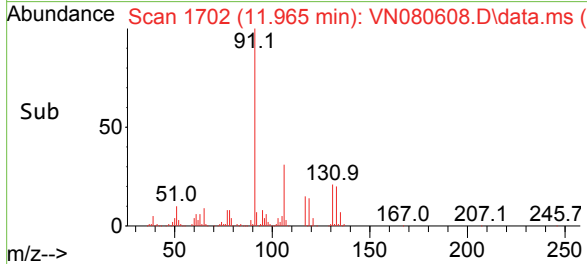
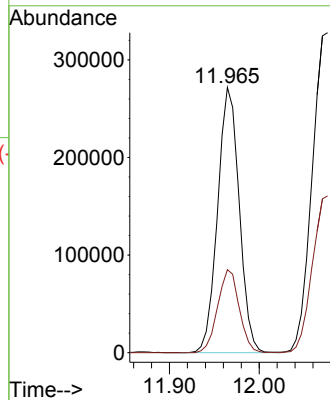
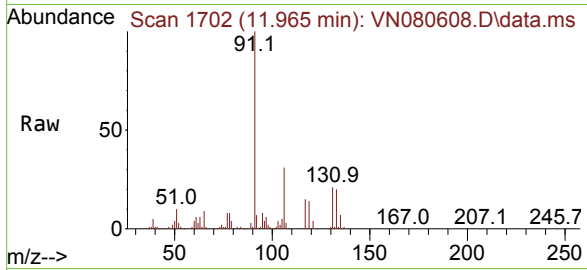
VN1229WBSD01

Tgt Ion: 91 Resp: 454420

Ion Ratio Lower Upper

91 100

106 31.3 25.6 38.4



#68

m/p-Xylenes

Concen: 38.748 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080608.D

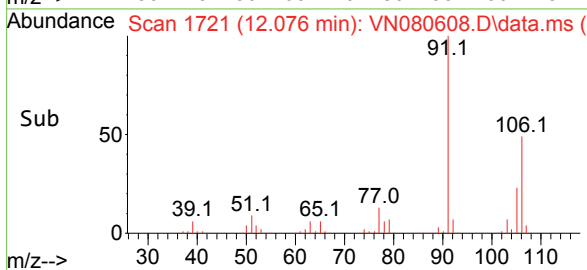
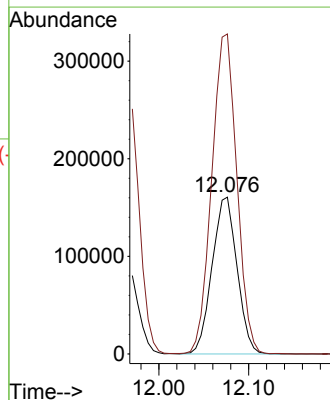
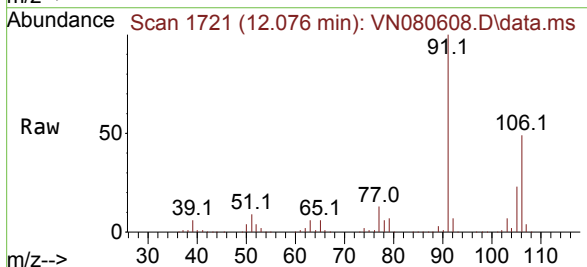
Acq: 29 Dec 2023 12:24

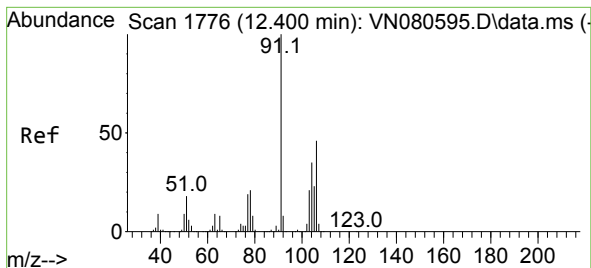
Tgt Ion: 106 Resp: 309855

Ion Ratio Lower Upper

106 100

91 205.1 159.6 239.4





#69

o-Xylene

Concen: 21.874 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

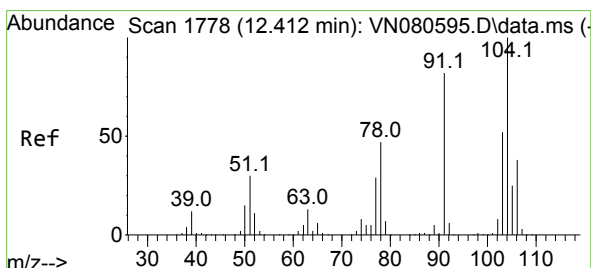
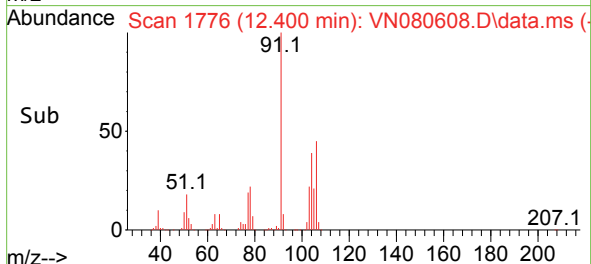
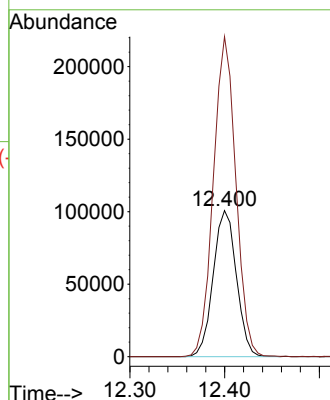
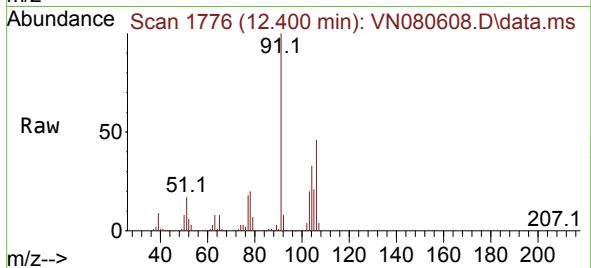
VN1229WBSD01

Tgt Ion:106 Resp: 171795

Ion Ratio Lower Upper

106 100

91 212.4 105.2 315.5



#70

Styrene

Concen: 22.340 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

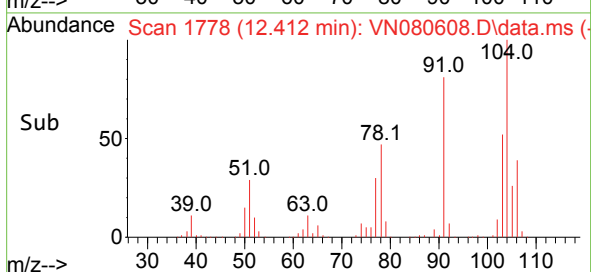
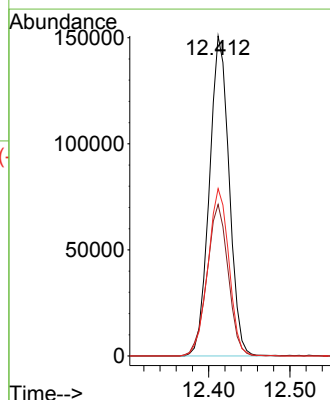
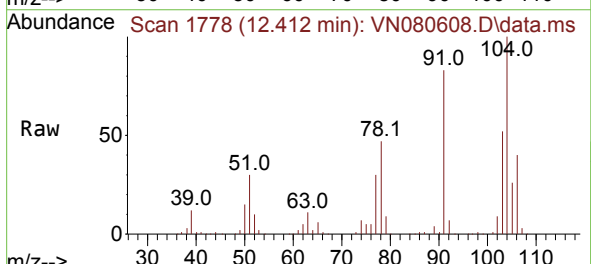
Tgt Ion:104 Resp: 255144

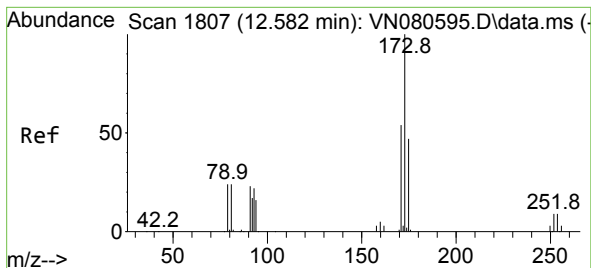
Ion Ratio Lower Upper

104 100

78 50.7 39.5 59.3

103 55.7 43.2 64.8





#71

Bromoform

Concen: 19.337 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

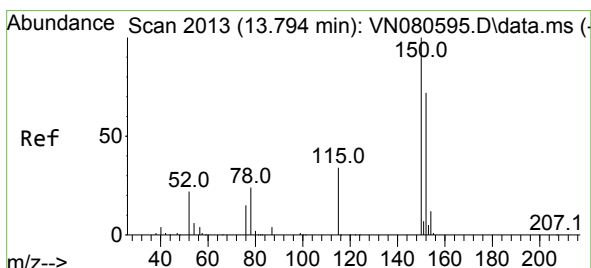
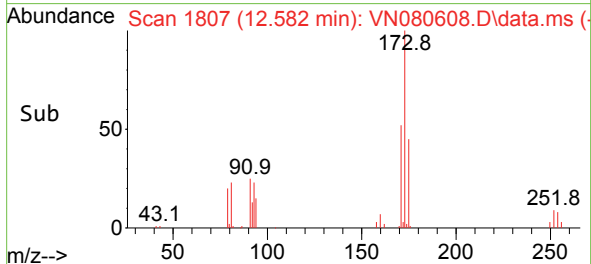
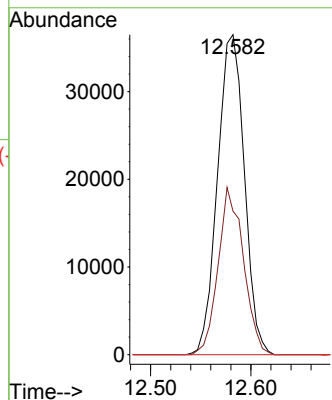
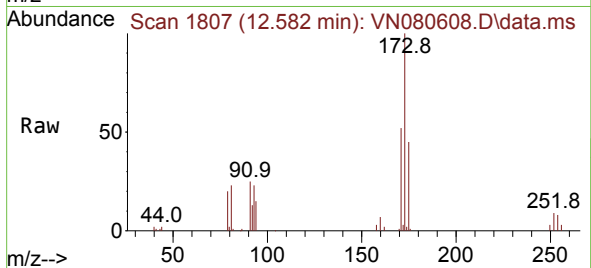
Tgt Ion:173 Resp: 67831

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

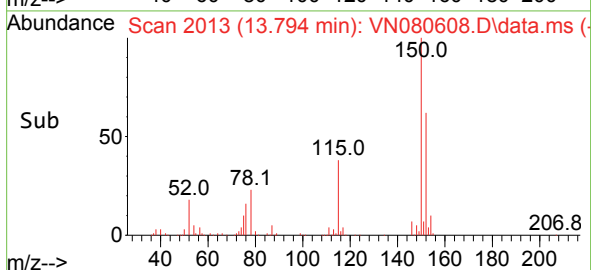
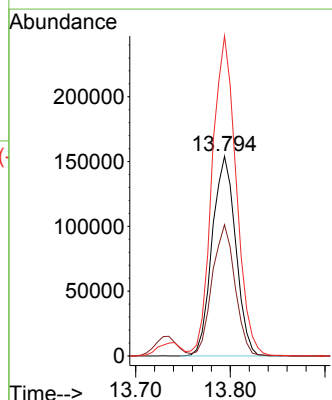
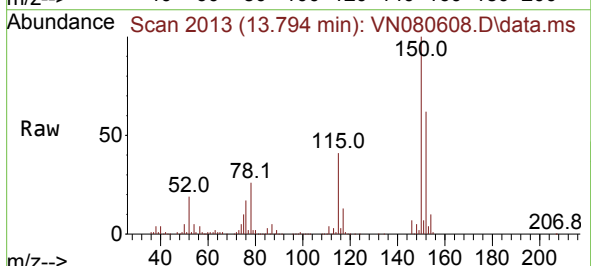
Tgt Ion:152 Resp: 265840

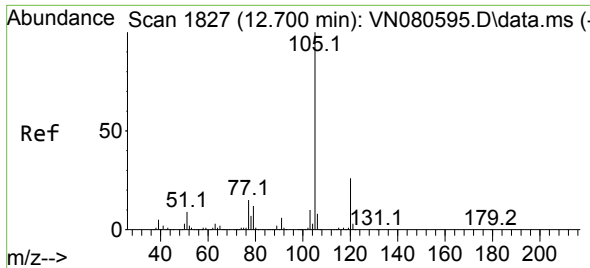
Ion Ratio Lower Upper

152 100

115 63.8 32.3 96.8

150 164.1 0.0 355.8

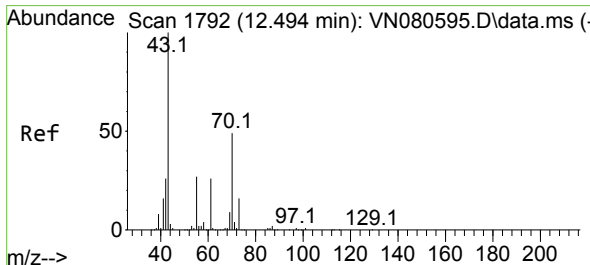
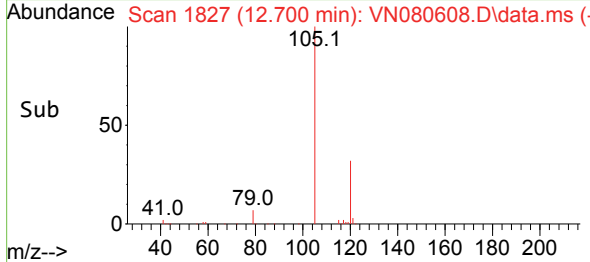
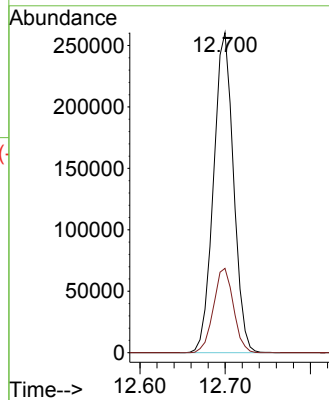
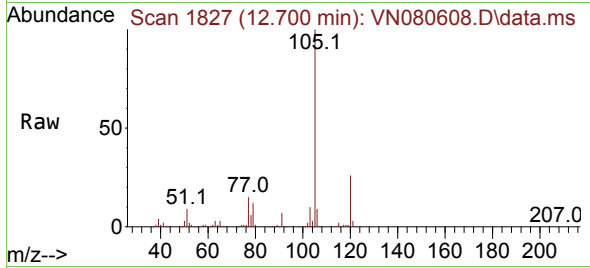




#73
Isopropylbenzene
Concen: 23.279 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

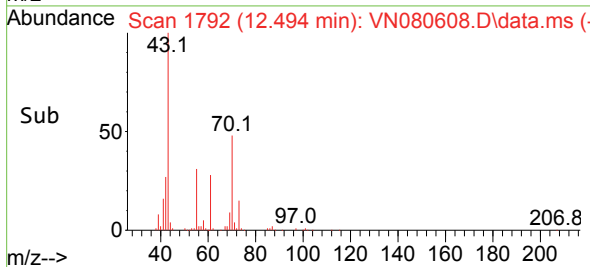
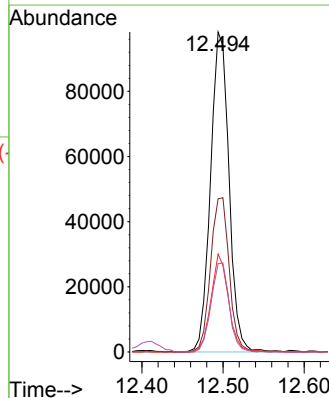
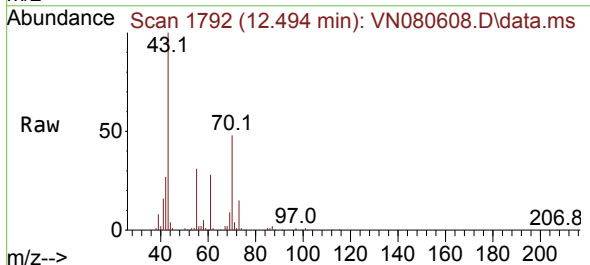
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

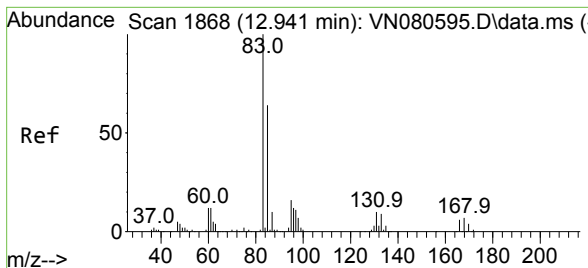
Tgt Ion:105 Resp: 423553
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 24.193 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 43 Resp: 155298
Ion Ratio Lower Upper
43 100
70 48.6 43.4 65.2
55 29.0 21.4 32.0
61 27.3 22.8 34.2





#75

1,1,2-Tetrachloroethane

Concen: 23.353 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

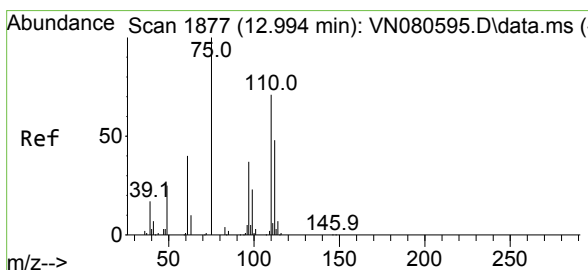
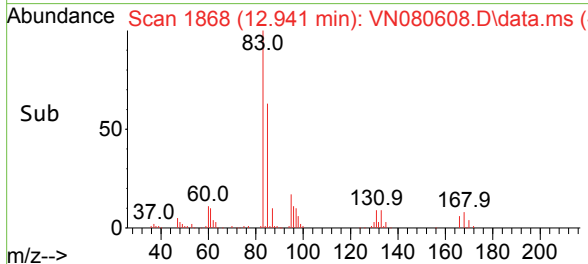
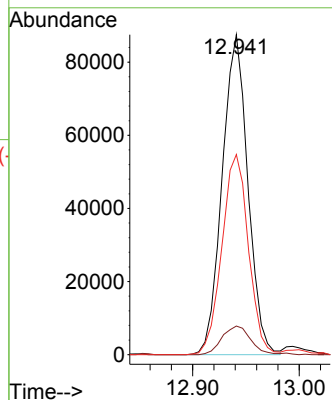
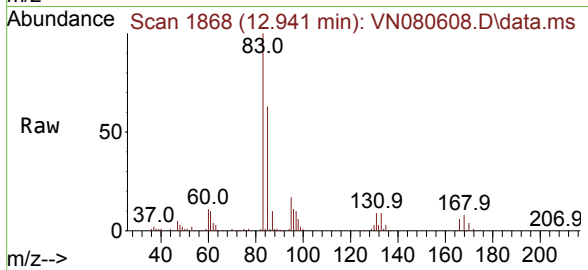
Tgt Ion: 83 Resp: 146632

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 64.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 31.819 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080608.D

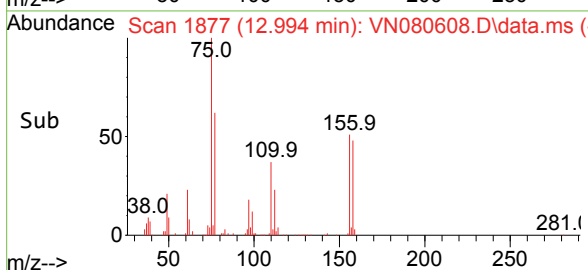
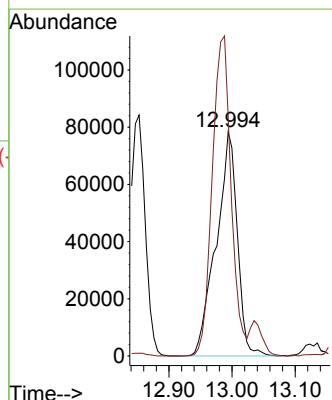
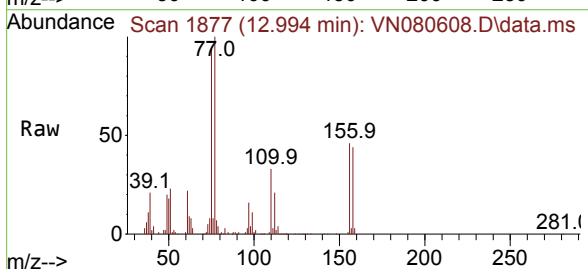
Acq: 29 Dec 2023 12:24

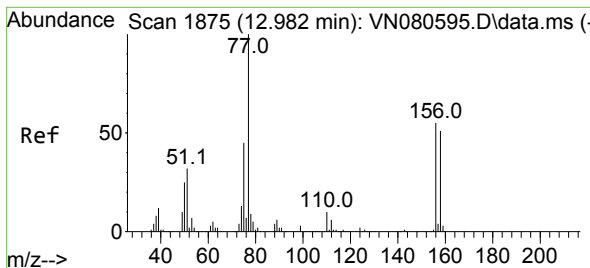
Tgt Ion: 75 Resp: 181935

Ion Ratio Lower Upper

75 100

77 127.5 84.5 253.5





#77

Bromobenzene

Concen: 21.934 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

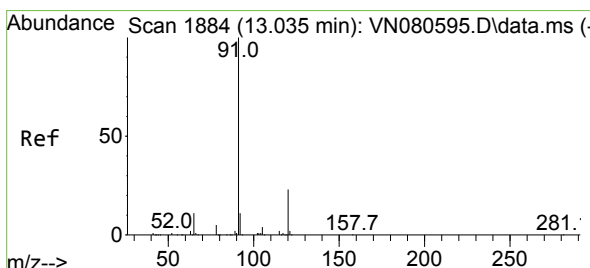
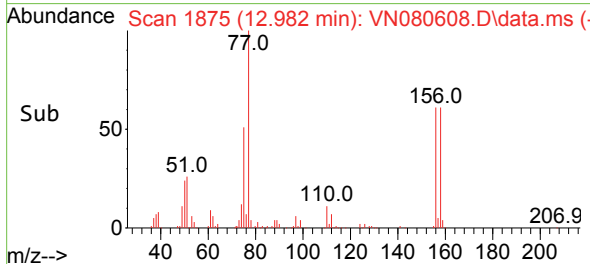
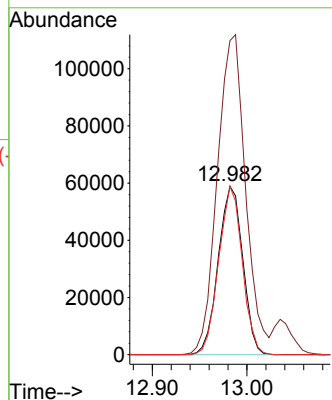
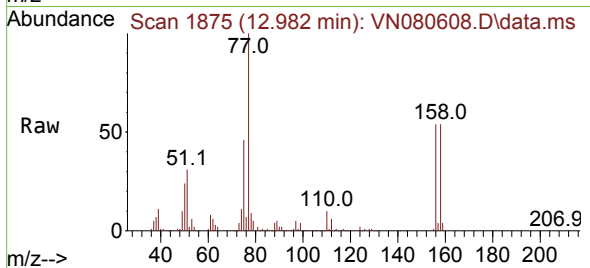
Tgt Ion:156 Resp: 105999

Ion Ratio Lower Upper

156 100

77 218.9 107.7 323.3

158 95.8 48.4 145.3



#78

n-propylbenzene

Concen: 22.886 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080608.D

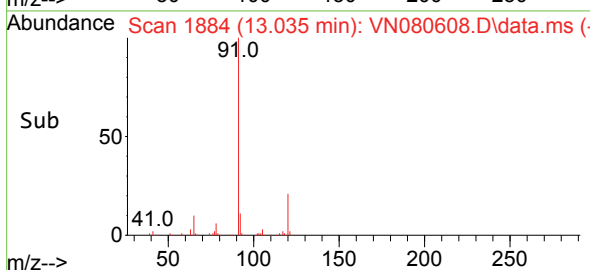
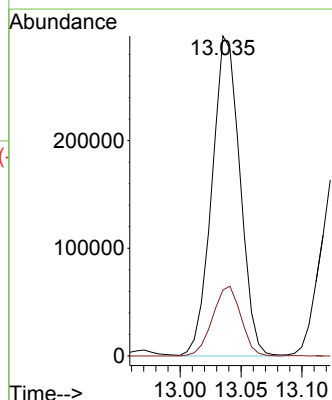
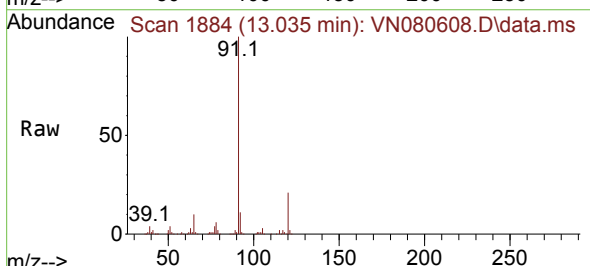
Acq: 29 Dec 2023 12:24

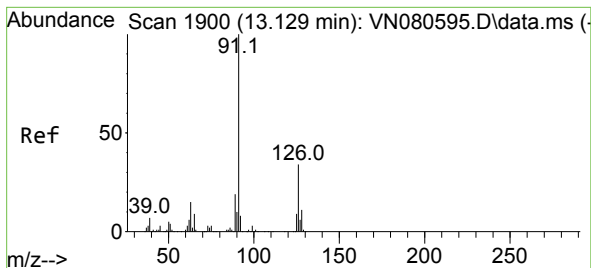
Tgt Ion: 91 Resp: 476187

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

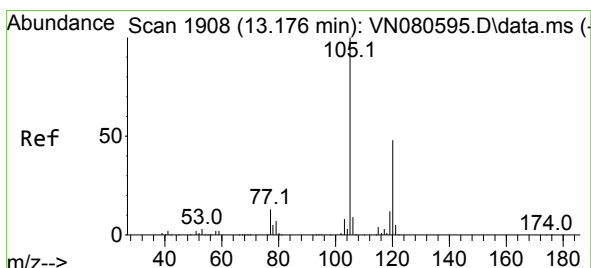
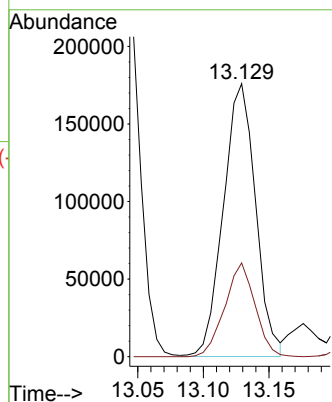
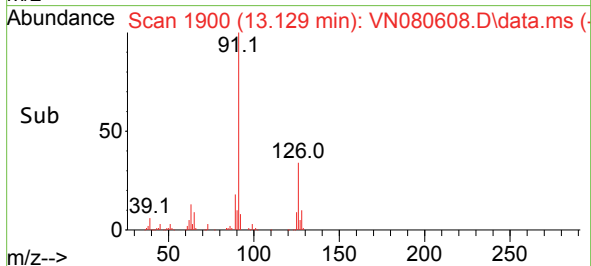
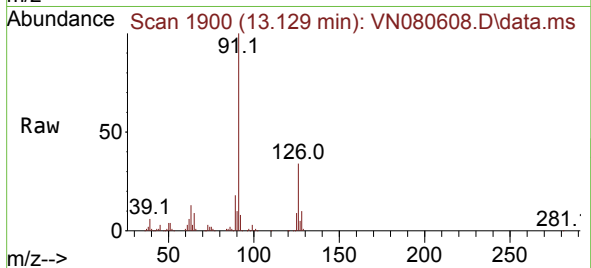




#79
2-Chlorotoluene
Concen: 22.160 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

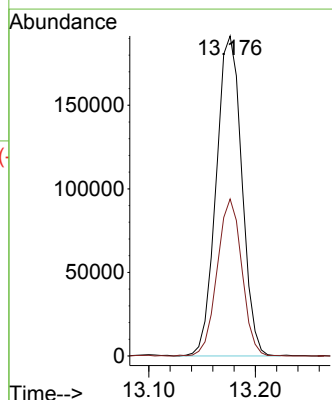
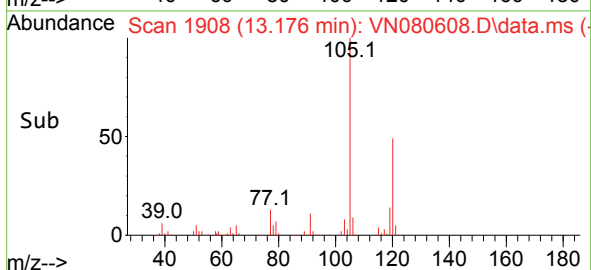
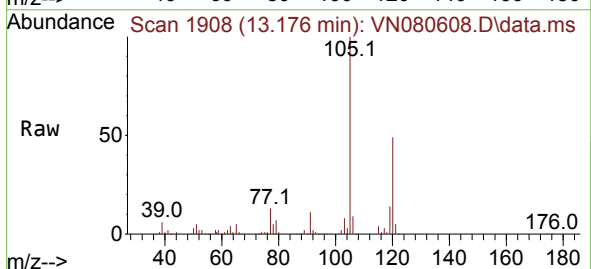
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

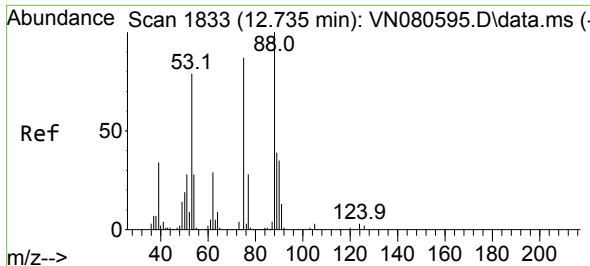
Tgt Ion: 91 Resp: 301020
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.819 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 105 Resp: 319855
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3

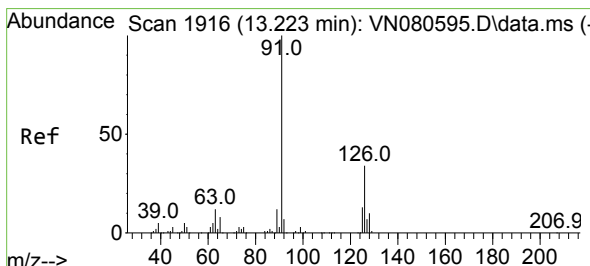
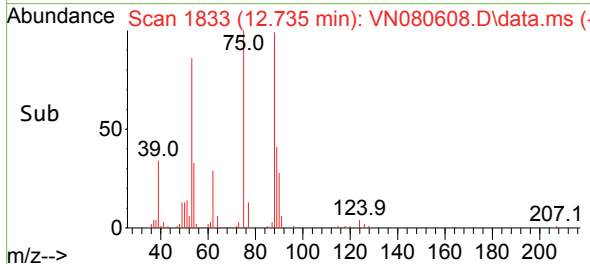
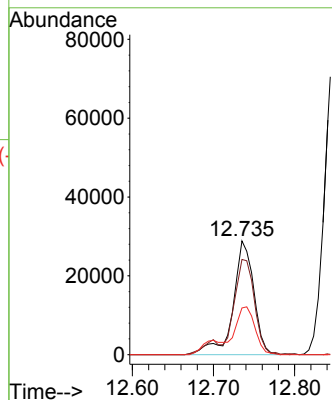
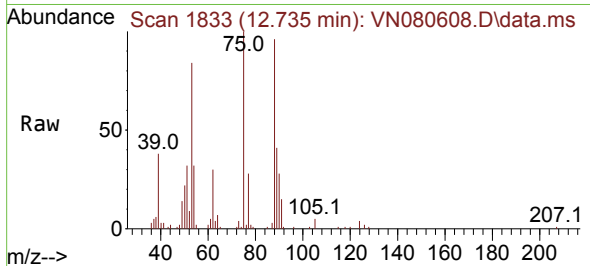




#81
trans-1,4-Dichloro-2-butene
Concen: 24.222 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

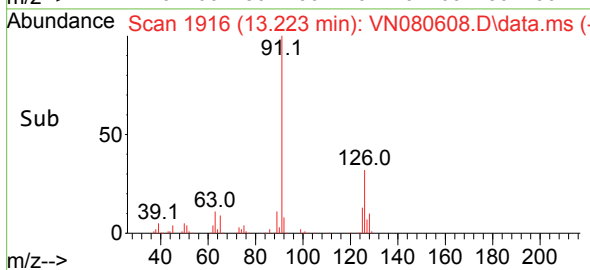
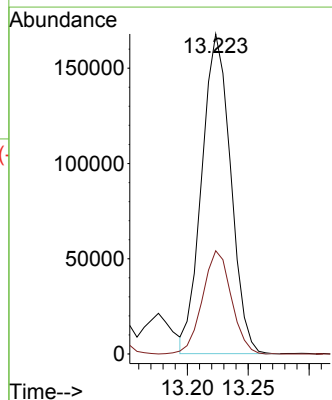
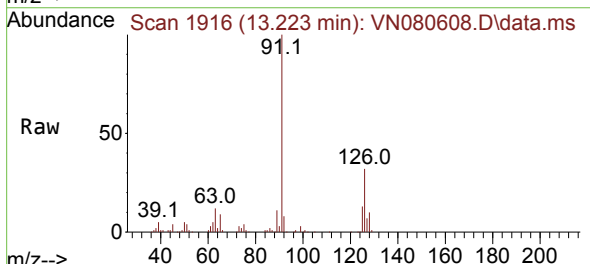
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

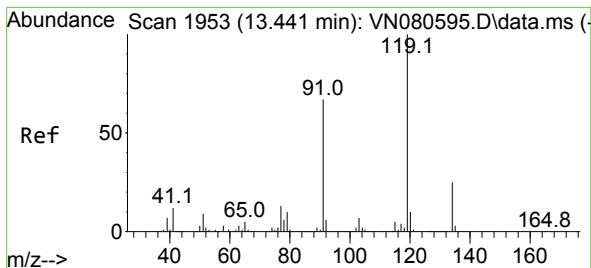
Tgt Ion: 75 Resp: 51130
Ion Ratio Lower Upper
75 100
53 82.5 67.4 101.2
89 40.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.960 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080608.D
Acq: 29 Dec 2023 12:24

Tgt Ion: 91 Resp: 277276
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0

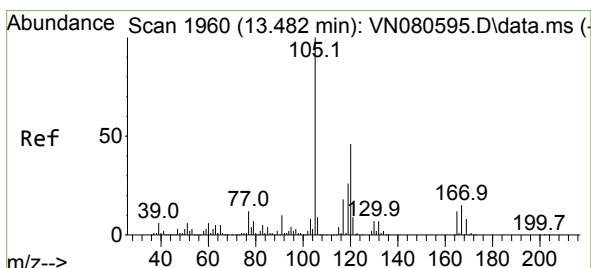
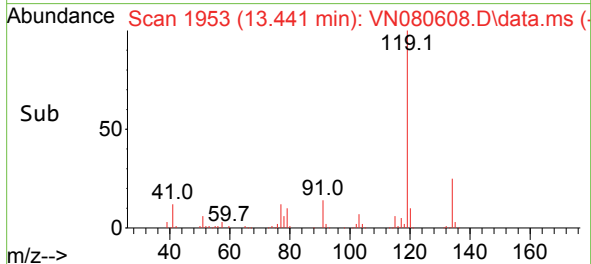
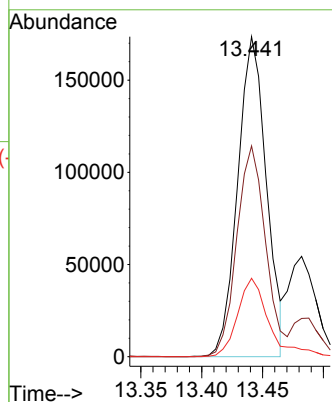
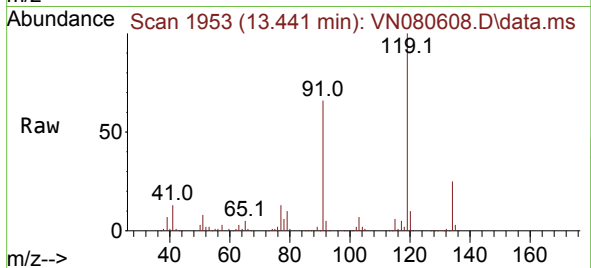




#83
 tert-Butylbenzene
 Concen: 22.146 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

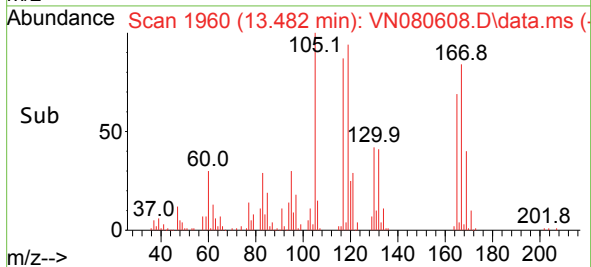
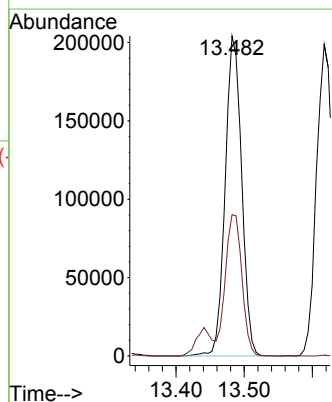
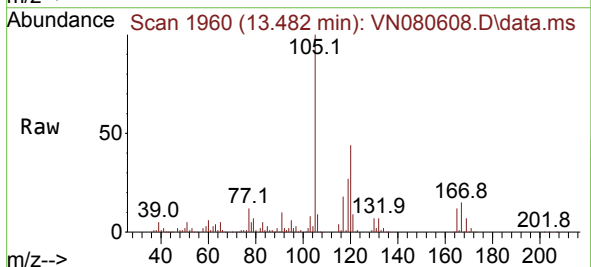
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

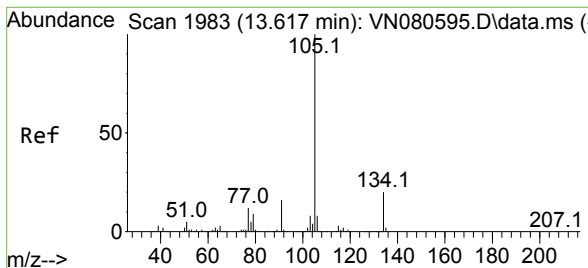
Tgt Ion:119 Resp: 284364
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.9 101.7
 134 26.7 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 22.066 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

Tgt Ion:105 Resp: 343263
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.593 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

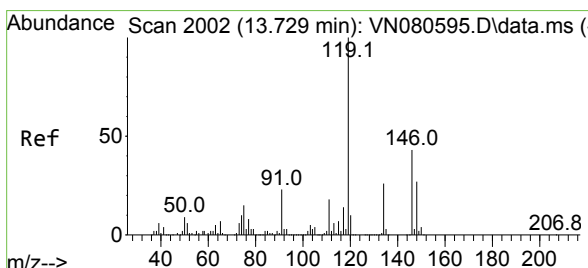
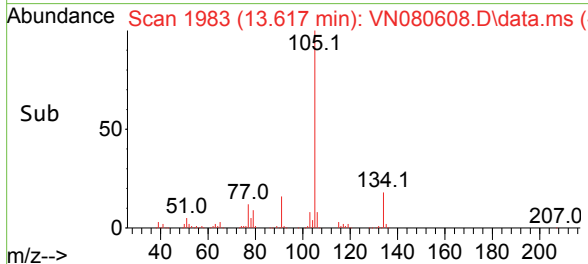
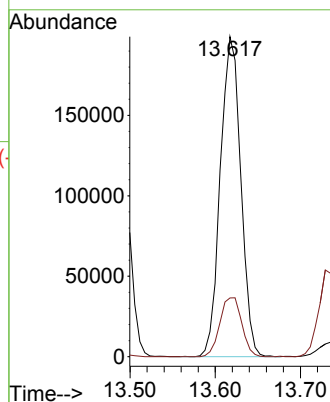
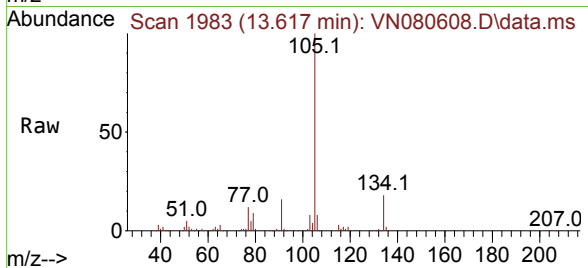
VN1229WBSD01

Tgt Ion:105 Resp: 332932

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 21.275 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

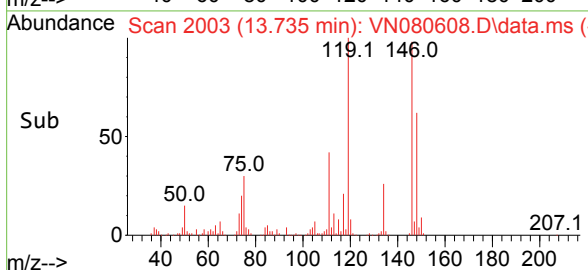
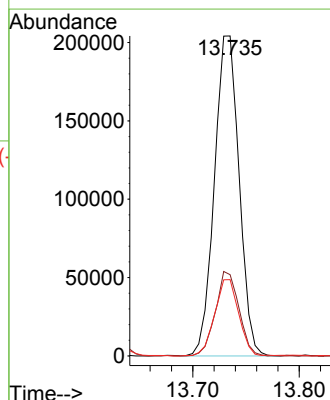
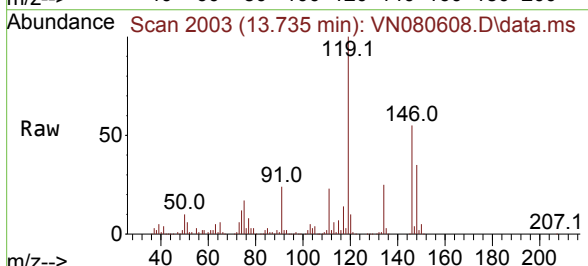
Tgt Ion:119 Resp: 328470

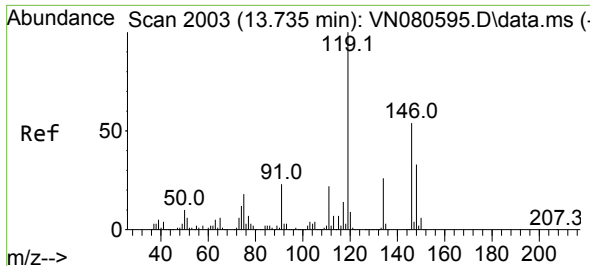
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 23.4 12.4 37.2

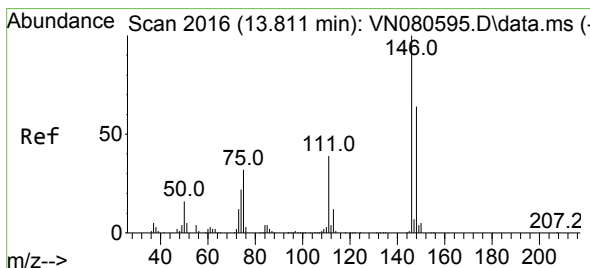
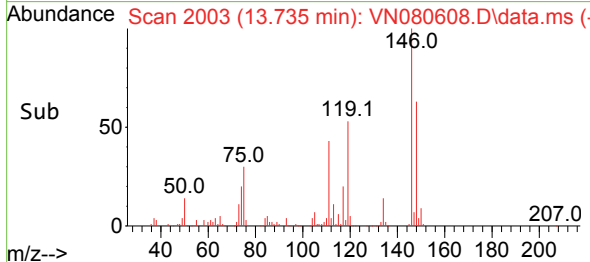
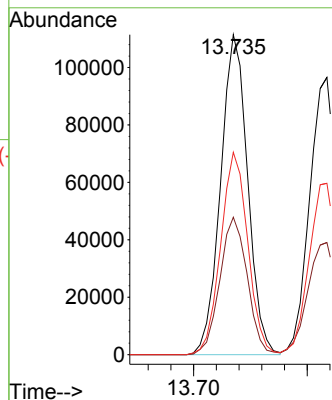
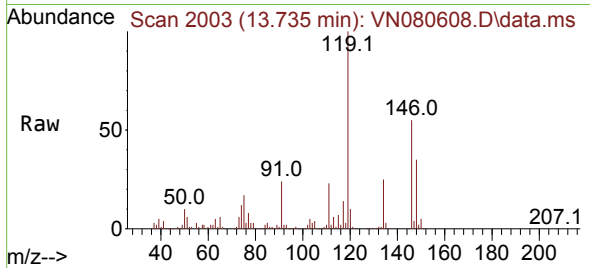




#87
 1,3-Dichlorobenzene
 Concen: 21.190 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

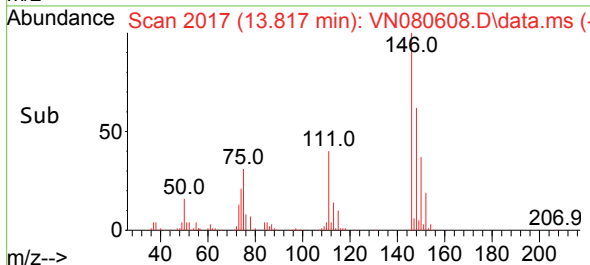
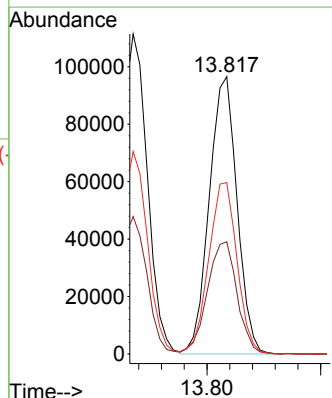
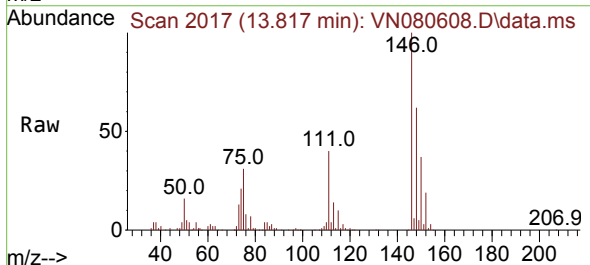
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

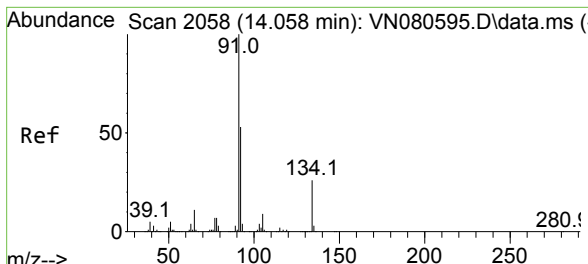
Tgt Ion:146 Resp: 184555
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.1 66.3
 148 63.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.783 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

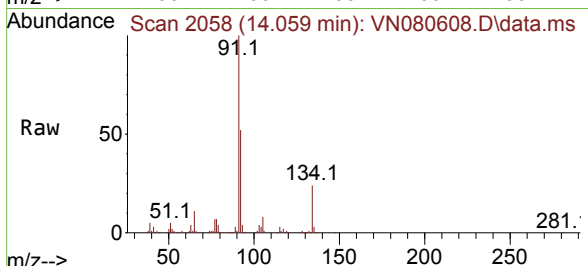
Tgt Ion:146 Resp: 164445
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.6 61.8
 148 62.8 31.6 94.8



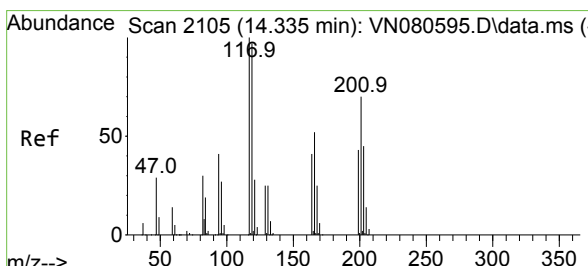
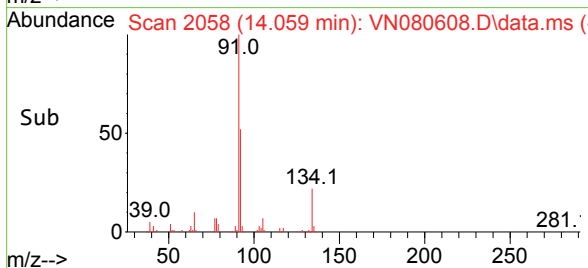
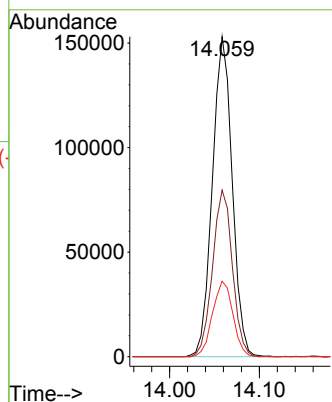


#89
 n-Butylbenzene
 Concen: 18.480 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

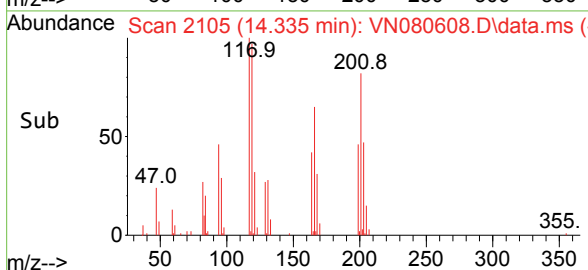
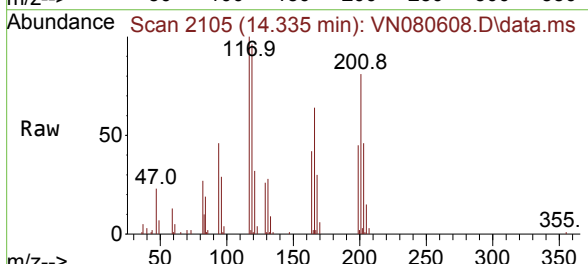
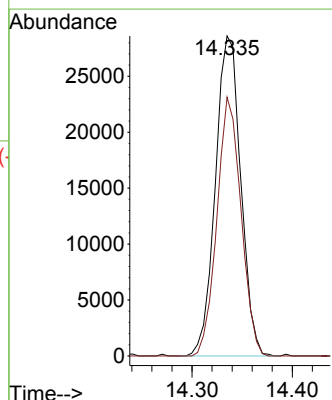


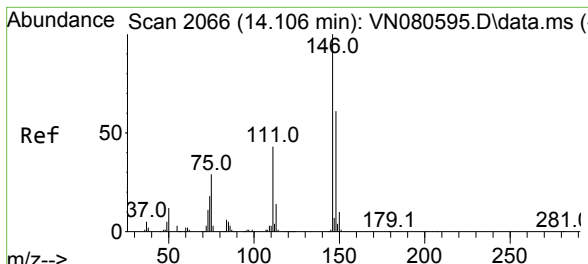
Tgt Ion:	91	Resp:	234680
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.0
134	24.3	12.6	37.6



#90
 Hexachloroethane
 Concen: 18.965 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

Tgt Ion:	117	Resp:	50304
Ion	Ratio	Lower	Upper
117	100		
201	76.7	29.3	88.0

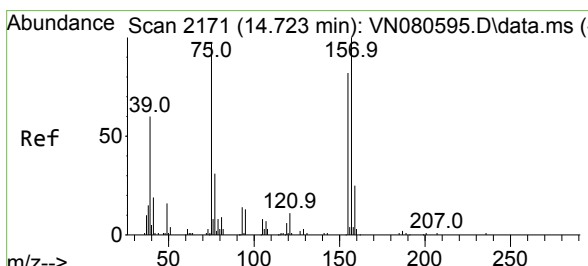
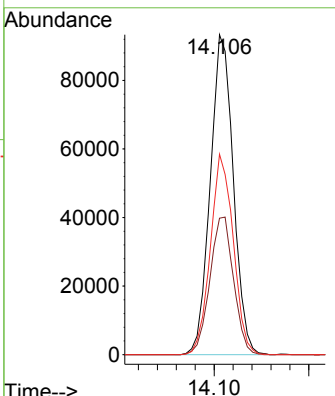
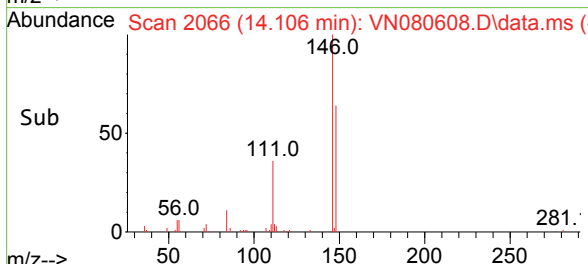
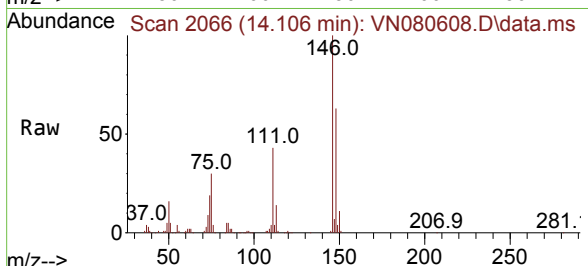




#91
 1,2-Dichlorobenzene
 Concen: 18.756 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

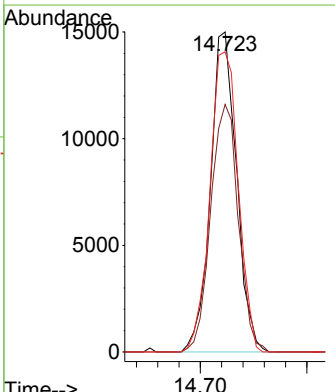
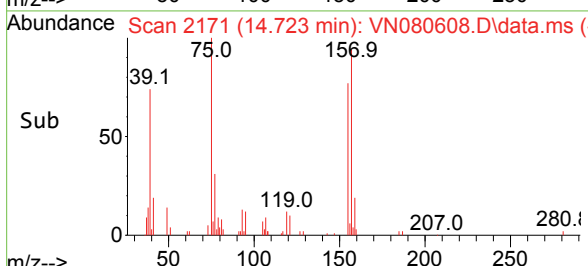
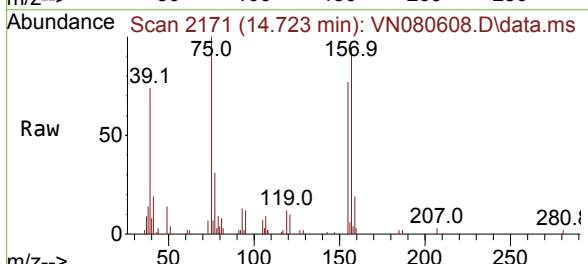
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

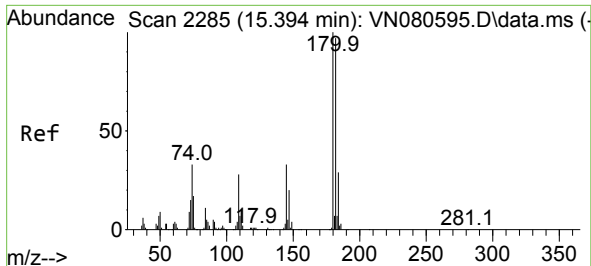
Tgt Ion:	146	Resp:	157663
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.0	66.0
148	62.2	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.617 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

Tgt Ion:	75	Resp:	25423
Ion	Ratio	Lower	Upper
75	100		
155	82.3	39.1	117.2
157	102.1	50.3	150.9

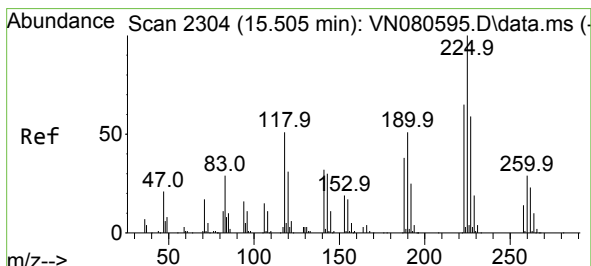
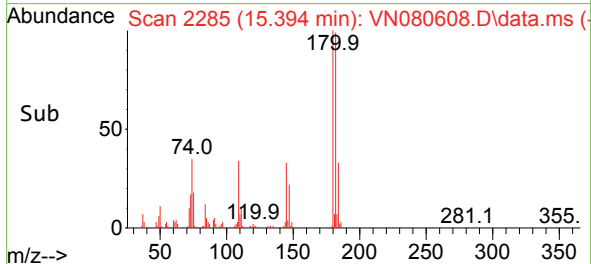
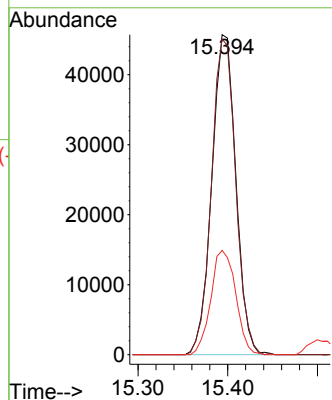
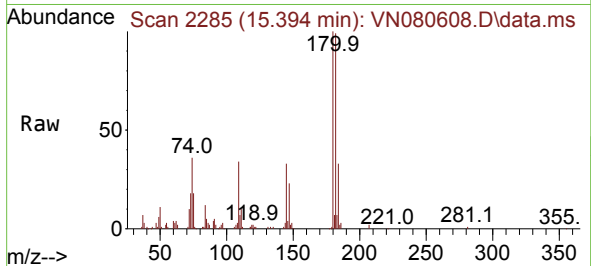




#93
 1,2,4-Trichlorobenzene
 Concen: 19.188 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

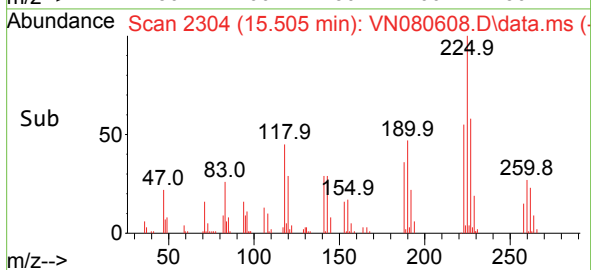
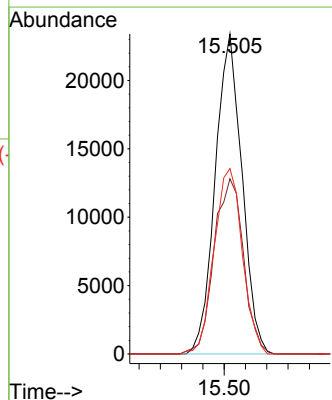
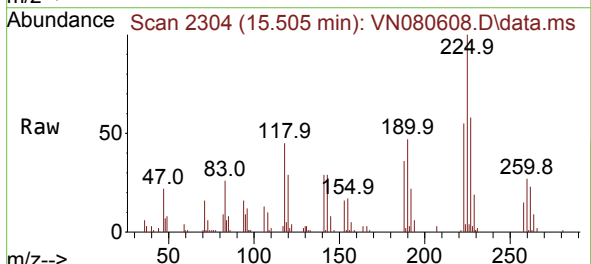
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

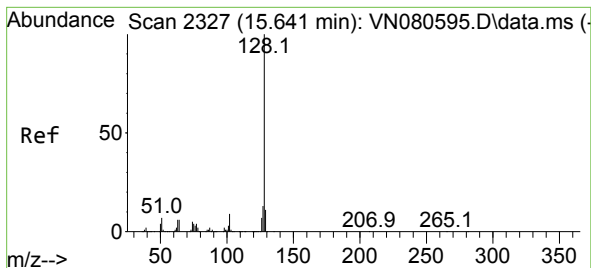
Tgt Ion:180 Resp: 85101
 Ion Ratio Lower Upper
 180 100
 182 99.1 46.1 138.2
 145 33.8 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 17.801 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN080608.D
 Acq: 29 Dec 2023 12:24

Tgt Ion:225 Resp: 40743
 Ion Ratio Lower Upper
 225 100
 223 60.2 31.3 93.8
 227 61.4 31.9 95.9





#95

Naphthalene

Concen: 20.178 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

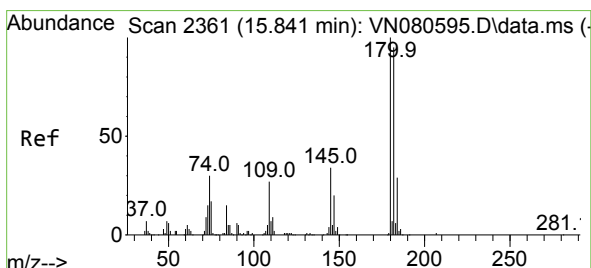
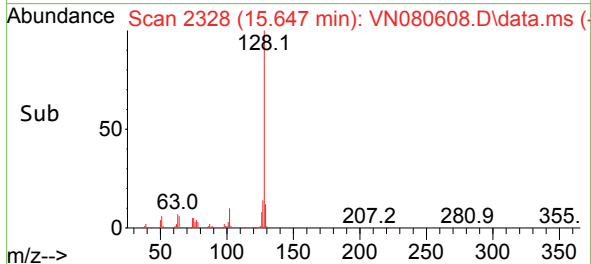
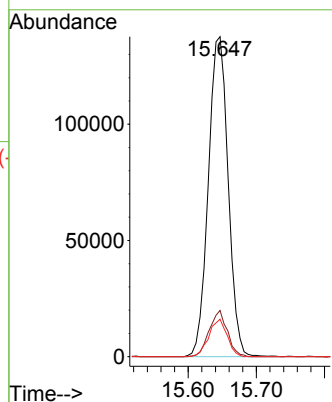
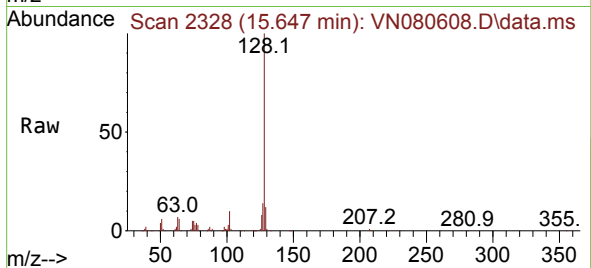
Tgt Ion:128 Resp: 278526

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.919 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080608.D

Acq: 29 Dec 2023 12:24

Tgt Ion:180 Resp: 84826

Ion Ratio Lower Upper

180 100

182 95.7 46.2 138.6

145 34.0 17.5 52.6

