

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081112.D
 Acq On : 21 Feb 2024 12:00
 Operator : JC\MD
 Sample : VN0221WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

Quant Time: Feb 22 04:44:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	356479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	636735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	571817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201471	46.109	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.220%
35) Dibromofluoromethane	8.165	113	172421	47.888	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	10.571	98	592105	46.301	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.847	95	228249	47.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92225	20.005	ug/l	96
3) Chloromethane	2.365	50	87769	16.662	ug/l	94
4) Vinyl Chloride	2.518	62	92716	18.106	ug/l	97
5) Bromomethane	2.971	94	68160	18.740	ug/l	98
6) Chloroethane	3.130	64	61646	18.056	ug/l	99
7) Trichlorofluoromethane	3.500	101	141445	18.907	ug/l	92
8) Diethyl Ether	3.965	74	53244	19.467	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	82234	19.718	ug/l	92
10) Methyl Iodide	4.594	142	87371	18.769	ug/l	94
11) Tert butyl alcohol	5.512	59	61473	76.501	ug/l #	86
12) 1,1-Dichloroethene	4.347	96	75595	18.752	ug/l	94
13) Acrolein	4.171	56	71484	165.976	ug/l	100
14) Allyl chloride	5.024	41	105824	17.692	ug/l #	84
15) Acrylonitrile	5.718	53	190252	90.655	ug/l	98
16) Acetone	4.424	43	113658	66.108	ug/l	97
17) Carbon Disulfide	4.712	76	192080	17.082	ug/l	96
18) Methyl Acetate	5.018	43	84799	20.219	ug/l #	90
19) Methyl tert-butyl Ether	5.794	73	269335	19.507	ug/l	94
20) Methylene Chloride	5.277	84	86206	18.802	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	82488	18.340	ug/l	88
22) Diisopropyl ether	6.665	45	267932	19.746	ug/l #	93
23) Vinyl Acetate	6.600	43	1151544	104.602	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	156177	19.906	ug/l	96
25) 2-Butanone	7.477	43	216353	77.894	ug/l	92
26) 2,2-Dichloropropane	7.488	77	138655	18.861	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	98671	18.882	ug/l	90
28) Bromochloromethane	7.806	49	65849	20.245	ug/l #	66
29) Tetrahydrofuran	7.835	42	157965	85.196	ug/l #	87
30) Chloroform	7.965	83	160340	19.224	ug/l	94
31) Cyclohexane	8.259	56	132975	17.625	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	142979	18.823	ug/l	89
36) 1,1-Dichloropropene	8.371	75	121579	19.710	ug/l	97
37) Ethyl Acetate	7.565	43	99831	17.932	ug/l	97
38) Carbon Tetrachloride	8.365	117	121653	19.493	ug/l	91
39) Methylcyclohexane	9.600	83	136873	19.035	ug/l	87
40) Benzene	8.606	78	357051	19.998	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	60082	18.963	ug/l	95
42) 1,2-Dichloroethane	8.671	62	124670	20.014	ug/l	97
43) Isopropyl Acetate	8.688	43	190518	19.567	ug/l #	95
44) Trichloroethene	9.353	130	89254	18.769	ug/l	92
45) 1,2-Dichloropropane	9.624	63	88726	19.866	ug/l	93
46) Dibromomethane	9.712	93	64794	19.911	ug/l	91
47) Bromodichloromethane	9.888	83	127136	20.628	ug/l #	96
48) Methyl methacrylate	9.676	41	86438	19.079	ug/l	93
49) 1,4-Dioxane	9.694	88	28320	312.229	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	516395	92.198	ug/l	95
52) Toluene	10.629	92	224082	19.824	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	140933	20.577	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	150090	20.283	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	87908	20.221	ug/l	90
56) Ethyl methacrylate	10.871	69	132199	19.897	ug/l	85
57) 1,3-Dichloropropane	11.165	76	151823	20.197	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	267562	80.258	ug/l #	88
59) 2-Hexanone	11.194	43	366444	82.524	ug/l	95
60) Dibromochloromethane	11.359	129	91817	19.880	ug/l	99
61) 1,2-Dibromoethane	11.470	107	90699	19.839	ug/l	99
64) Tetrachloroethene	11.100	164	77451	19.846	ug/l	82
65) Chlorobenzene	11.894	112	240448	19.429	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	87840	19.761	ug/l	97
67) Ethyl Benzene	11.965	91	433016	19.553	ug/l	98
68) m/p-Xylenes	12.070	106	326085	38.415	ug/l	94
69) o-Xylene	12.394	106	158442	18.830	ug/l	97
70) Styrene	12.412	104	264282	19.821	ug/l	96
71) Bromoform	12.576	173	57604	20.426	ug/l #	98
73) Isopropylbenzene	12.694	105	414271	18.811	ug/l	96
74) N-amyl acetate	12.494	43	164906	17.717	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	117470	18.970	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	150613	26.336	ug/l	68
77) Bromobenzene	12.982	156	95010	19.349	ug/l	75
78) n-propylbenzene	13.035	91	485734	19.160	ug/l	94
79) 2-Chlorotoluene	13.123	91	289865	18.641	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	351243	19.671	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	39424	17.744	ug/l #	85
82) 4-Chlorotoluene	13.223	91	286272	18.828	ug/l	94
83) tert-Butylbenzene	13.441	119	301704	19.541	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	354099	19.901	ug/l	95
85) sec-Butylbenzene	13.617	105	429704	20.020	ug/l	95
86) p-Isopropyltoluene	13.729	119	352814	19.789	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	177282	19.108	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	179612	19.701	ug/l	99
89) n-Butylbenzene	14.059	91	315248	20.297	ug/l	96
90) Hexachloroethane	14.335	117	56534	19.184	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	172402	19.266	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22446	17.434	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	94890	19.007	ug/l	97
94) Hexachlorobutadiene	15.500	225	37997	20.408	ug/l	93
95) Naphthalene	15.641	128	329191	17.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	96115	19.407	ug/l	99

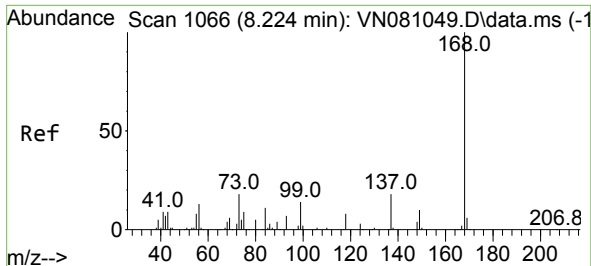
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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

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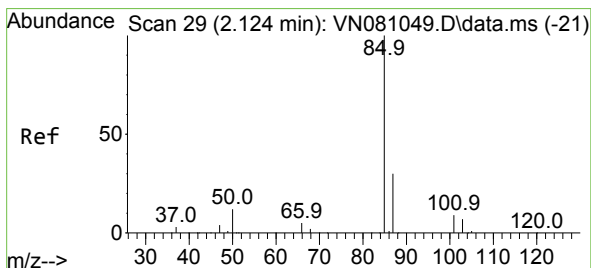
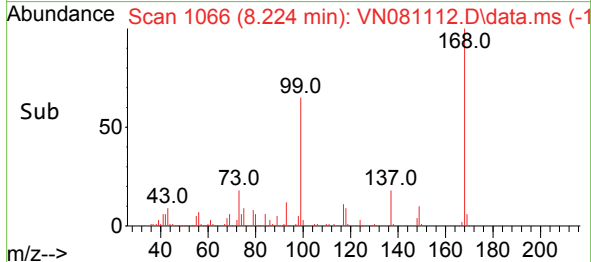
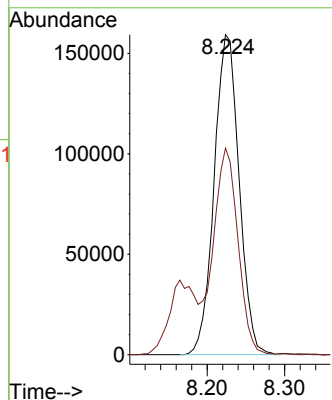
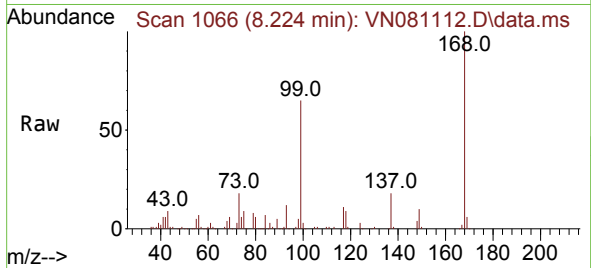
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

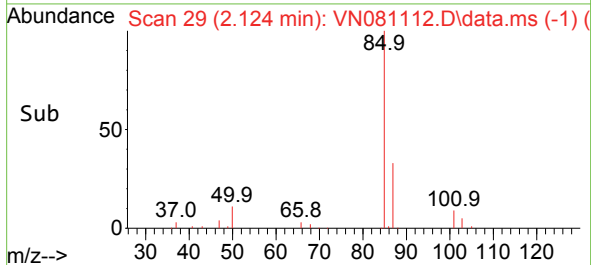
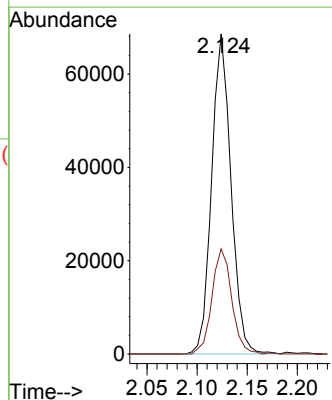
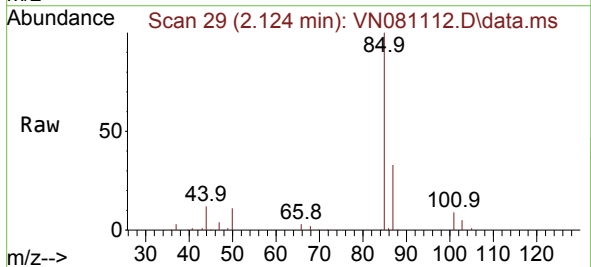
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ClientSampleId :
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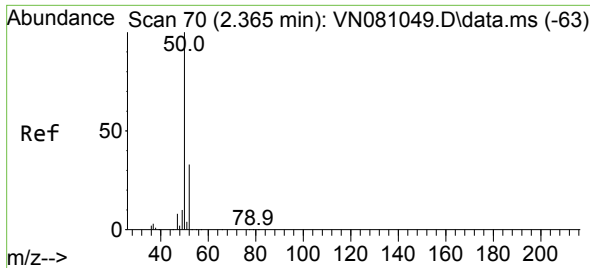
Tgt Ion:168 Resp: 356479
Ion Ratio Lower Upper
168 100
99 64.3 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 20.005 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 85 Resp: 92225
Ion Ratio Lower Upper
85 100
87 32.8 15.3 45.9

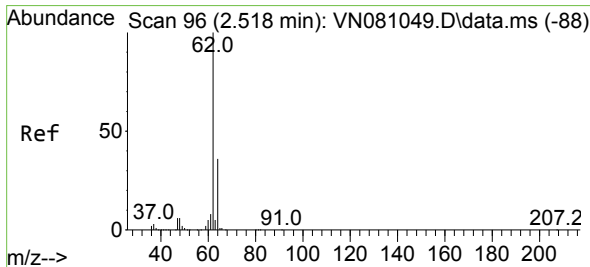
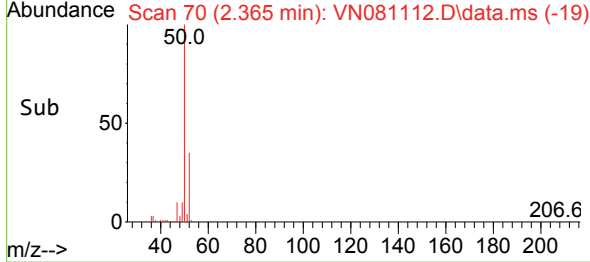
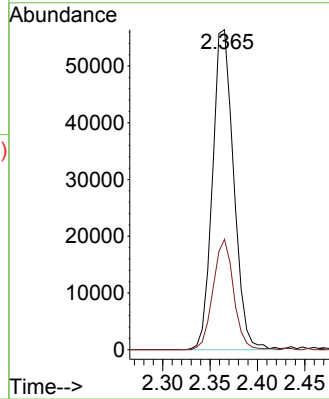
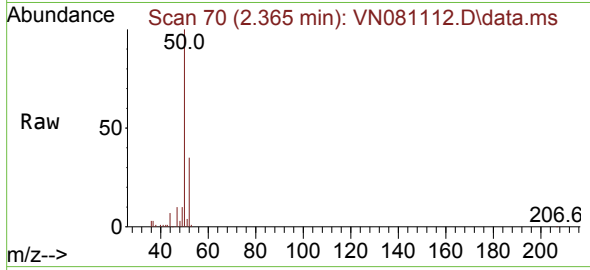




#3
Chloromethane
Concen: 16.662 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

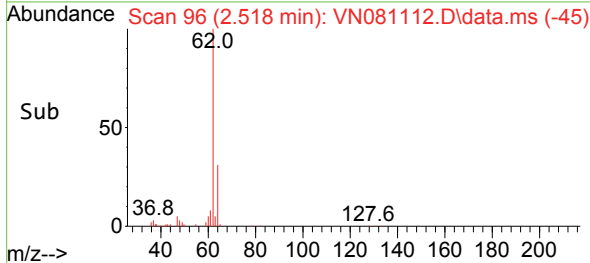
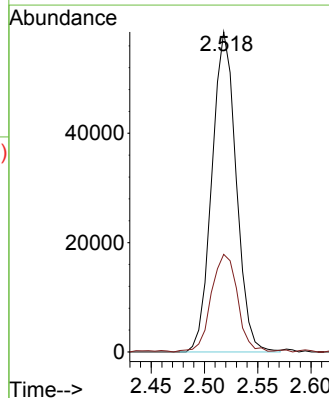
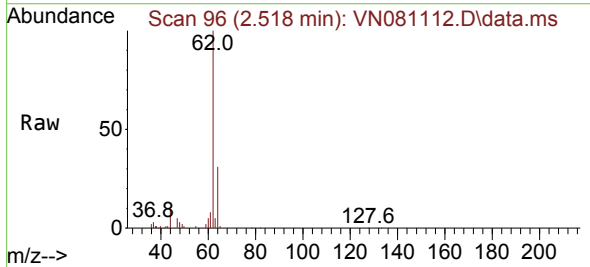
Instrument :
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ClientSampleId :
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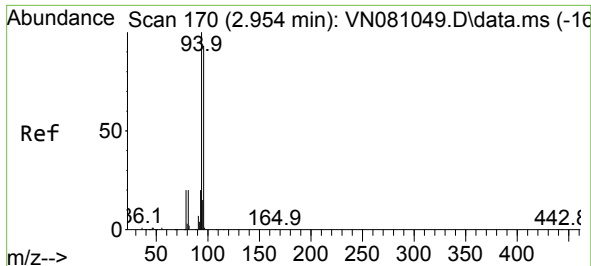
Tgt Ion: 50 Resp: 87769
Ion Ratio Lower Upper
50 100
52 34.5 25.0 37.4



#4
Vinyl Chloride
Concen: 18.106 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 62 Resp: 92716
Ion Ratio Lower Upper
62 100
64 30.1 22.7 34.1

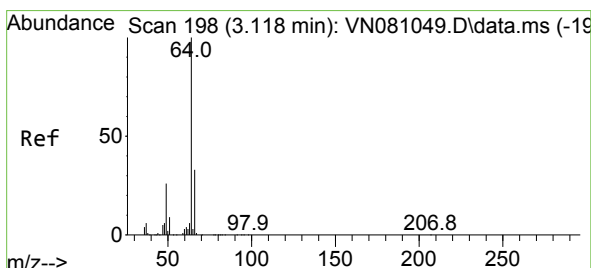
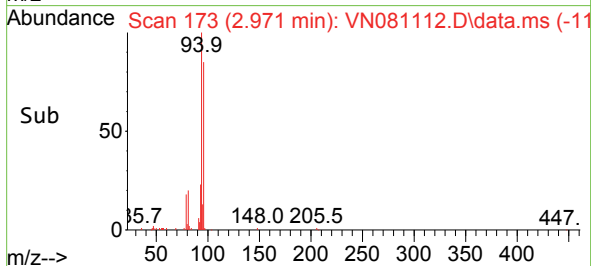
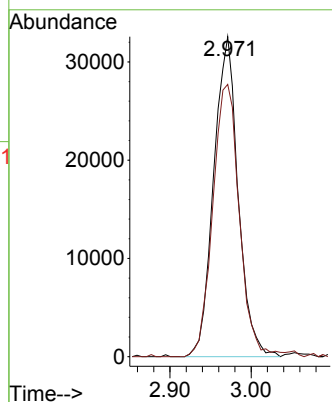
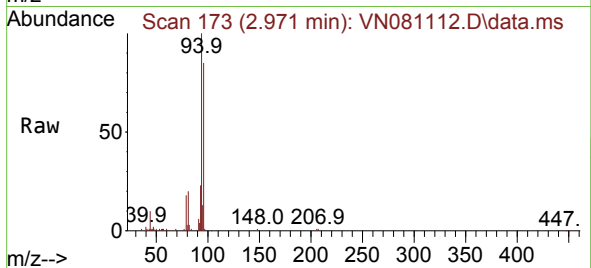




#5
Bromomethane
Concen: 18.740 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

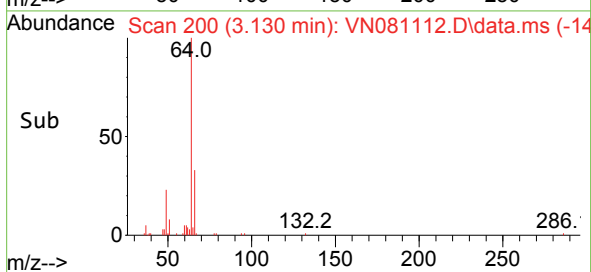
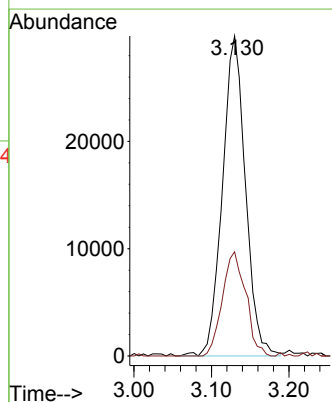
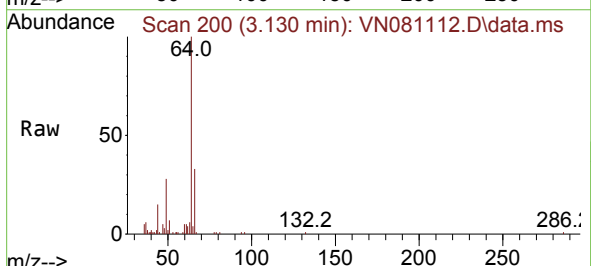
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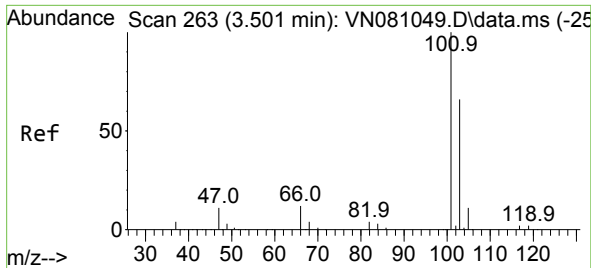
Tgt Ion: 94 Resp: 68160
Ion Ratio Lower Upper
94 100
96 85.1 69.2 103.8



#6
Chloroethane
Concen: 18.056 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 64 Resp: 61646
Ion Ratio Lower Upper
64 100
66 32.6 26.4 39.6

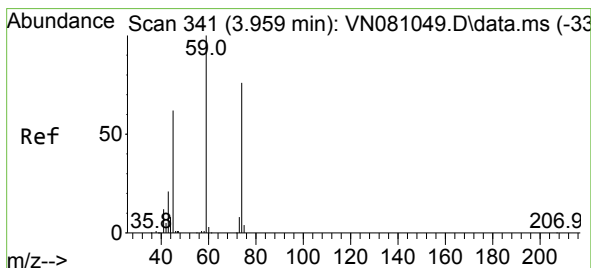
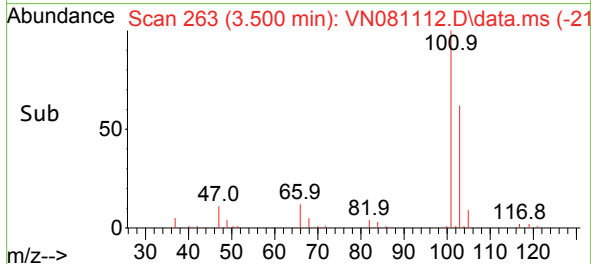
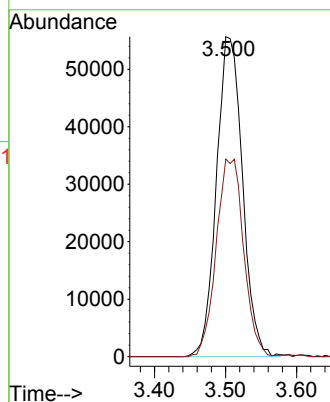
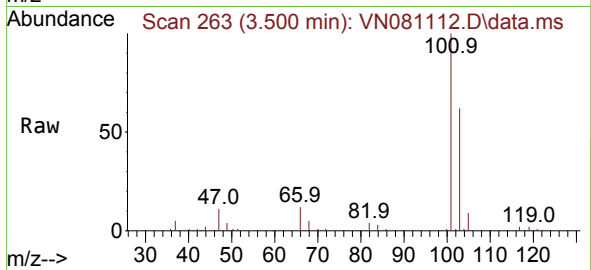




#7
Trichlorofluoromethane
Concen: 18.907 ug/l
RT: 3.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

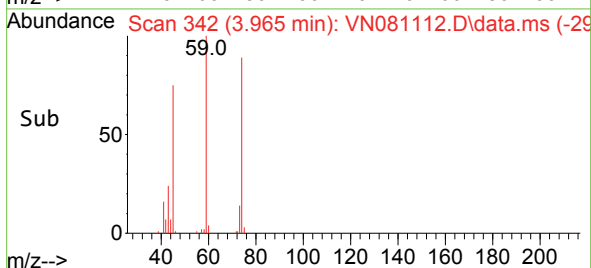
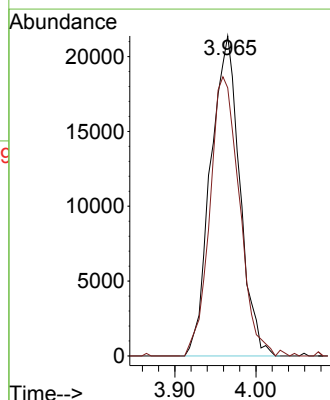
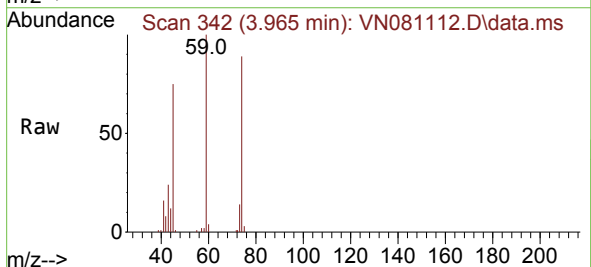
Instrument :
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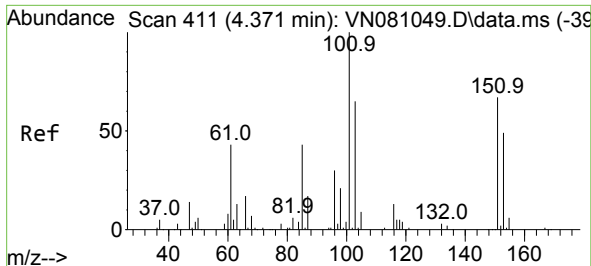
Tgt Ion:101 Resp: 141445
Ion Ratio Lower Upper
101 100
103 61.8 54.4 81.6



#8
Diethyl Ether
Concen: 19.467 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 74 Resp: 53244
Ion Ratio Lower Upper
74 100
45 88.5 53.3 159.9

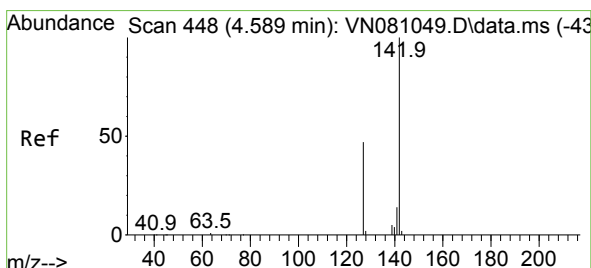
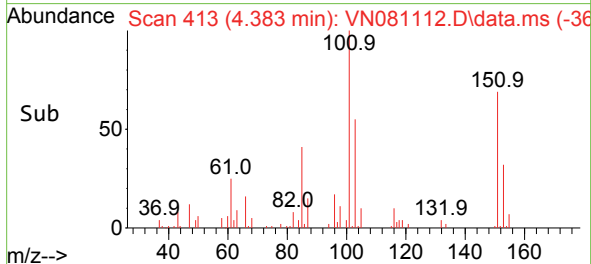
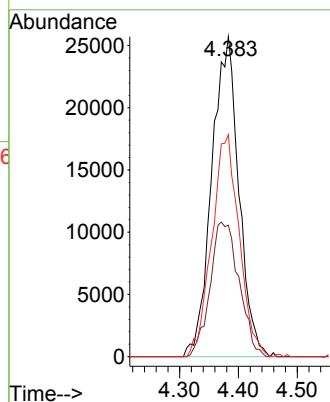
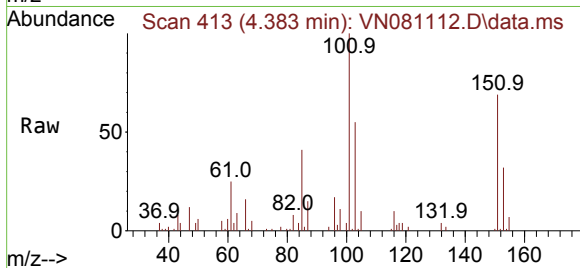




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.718 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

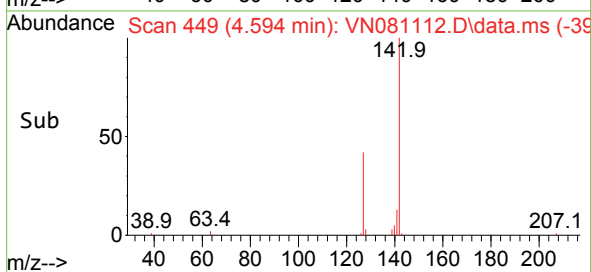
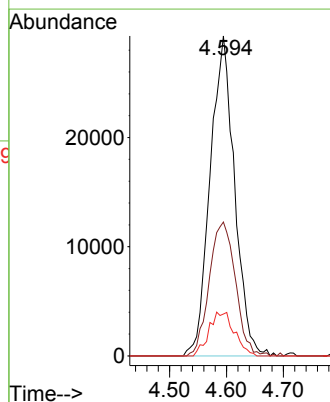
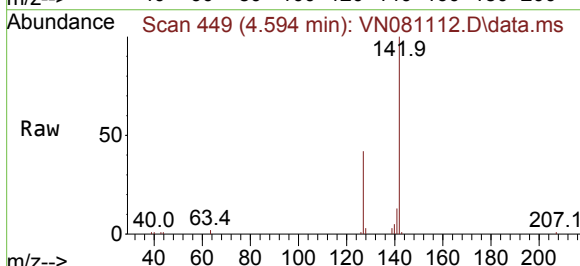
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:101 Resp: 82234
Ion Ratio Lower Upper
101 100
85 45.0 38.1 57.1
151 70.1 49.1 73.7



#10
Methyl Iodide
Concen: 18.769 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion:142 Resp: 87371
Ion Ratio Lower Upper
142 100
127 41.9 37.0 55.4
141 13.1 12.5 18.7

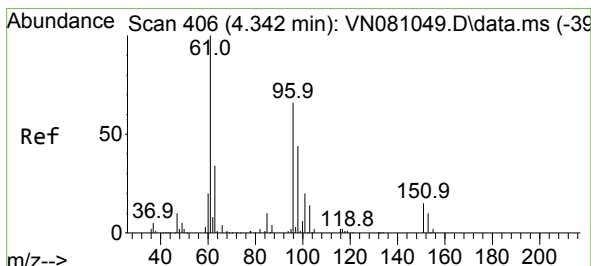
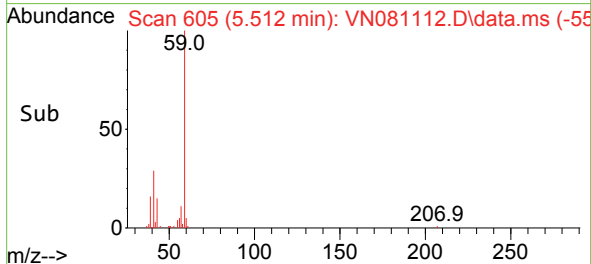
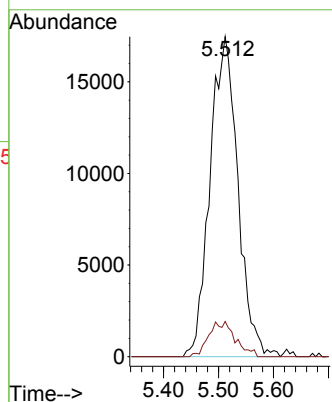
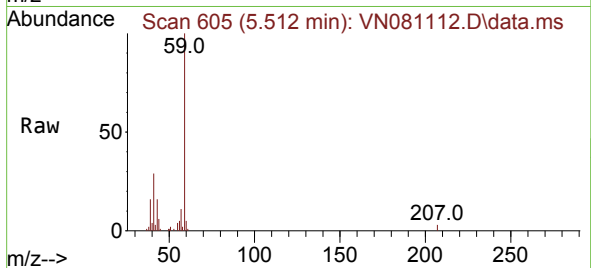




#11
Tert butyl alcohol
Concen: 76.501 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

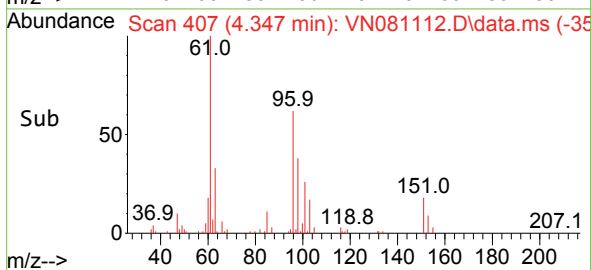
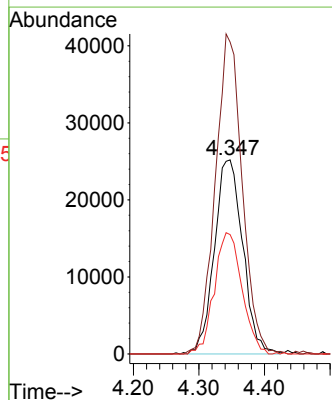
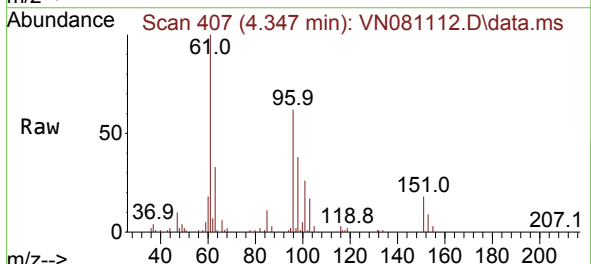
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

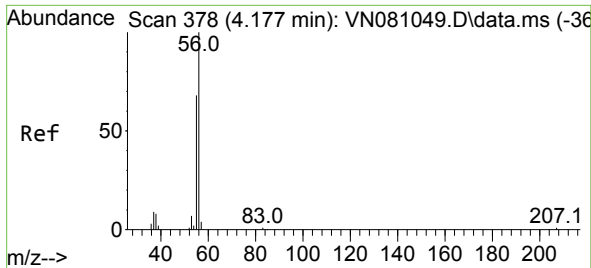
Tgt Ion: 59 Resp: 61473
Ion Ratio Lower Upper
59 100
57 5.6 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 18.752 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 96 Resp: 75595
Ion Ratio Lower Upper
96 100
61 160.6 138.2 207.4
98 61.5 49.2 73.8

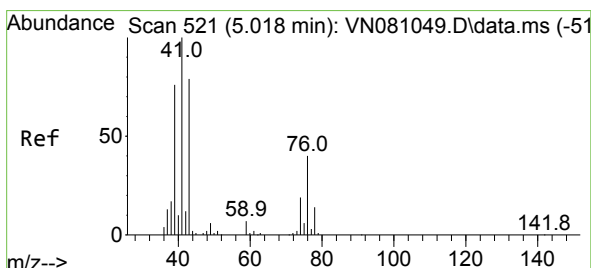
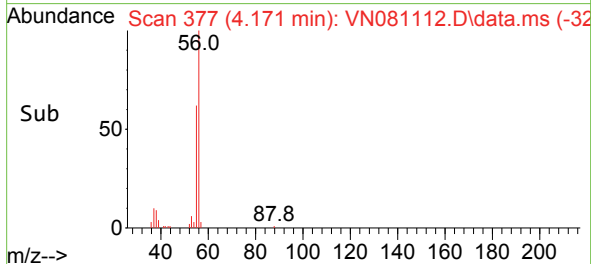
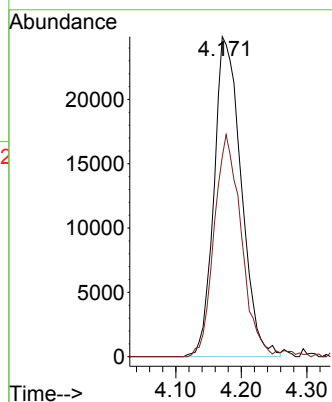
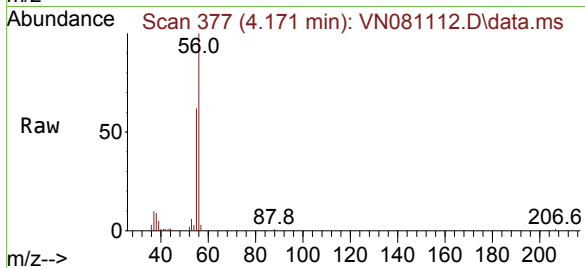




#13
Acrolein
Concen: 165.976 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

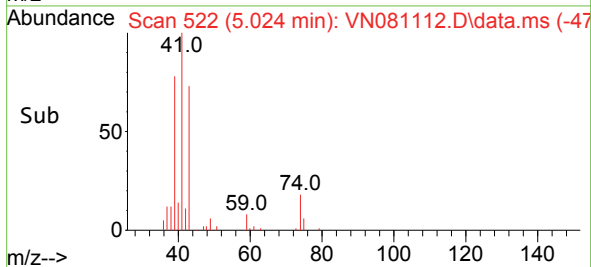
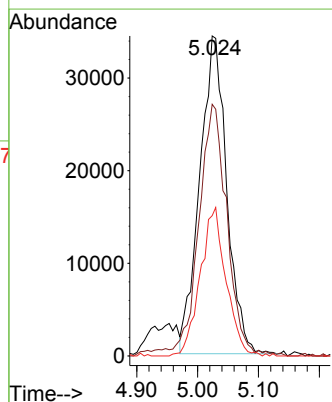
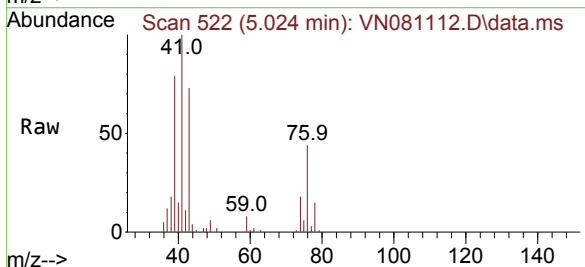
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

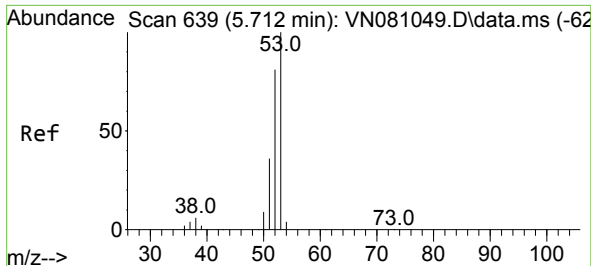
Tgt Ion: 56 Resp: 71484
Ion Ratio Lower Upper
56 100
55 69.1 55.3 82.9



#14
Allyl chloride
Concen: 17.692 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 41 Resp: 105824
Ion Ratio Lower Upper
41 100
39 84.1 57.7 86.5
76 44.7 26.8 40.2#

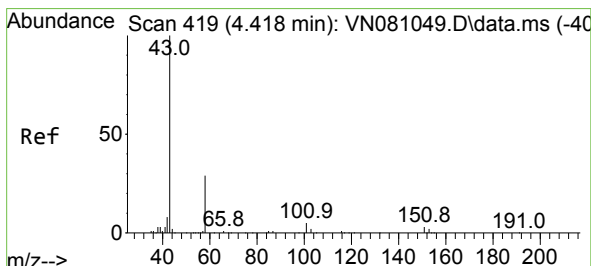
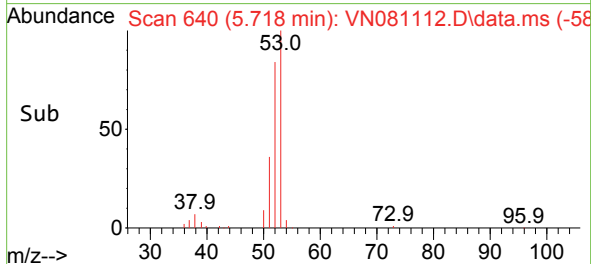
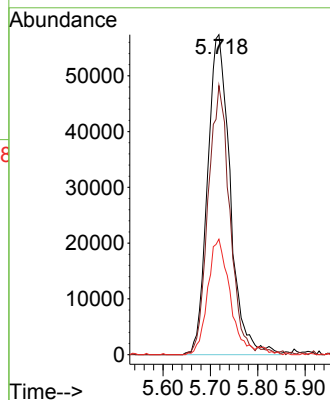
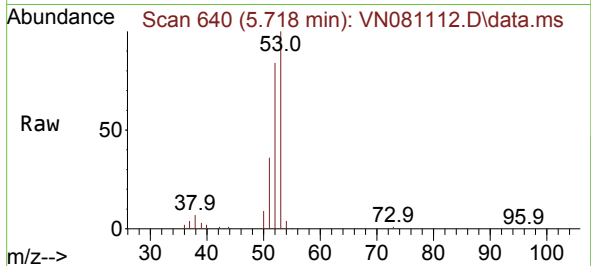




#15
Acrylonitrile
Concen: 90.655 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

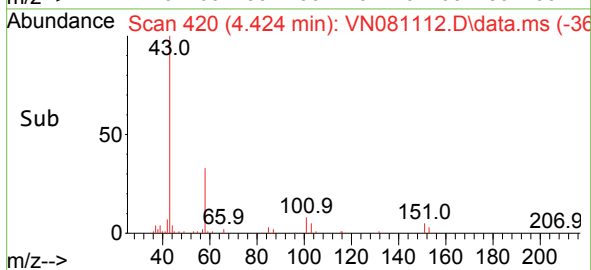
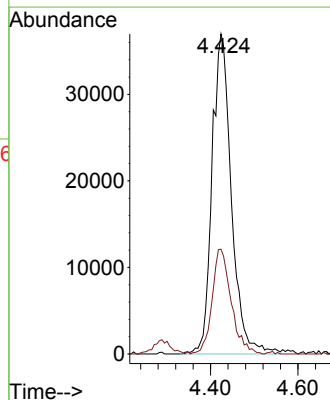
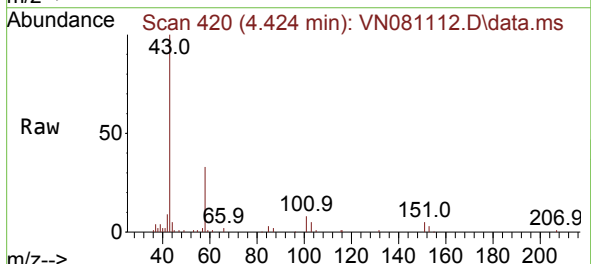
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

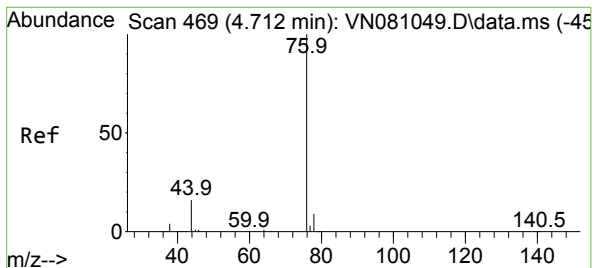
Tgt Ion: 53 Resp: 190252
Ion Ratio Lower Upper
53 100
52 79.9 64.8 97.2
51 35.5 26.9 40.3



#16
Acetone
Concen: 66.108 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 43 Resp: 113658
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2





#17

Carbon Disulfide

Concen: 17.082 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

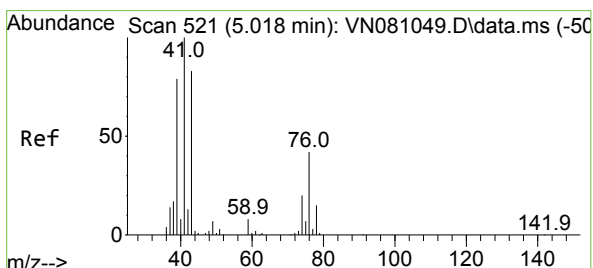
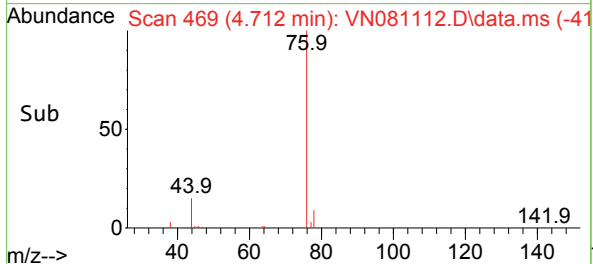
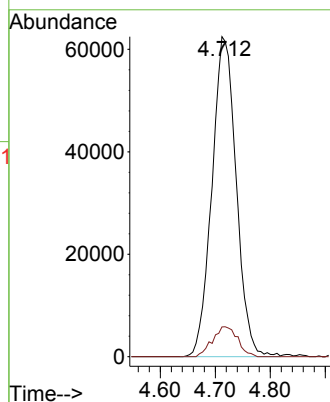
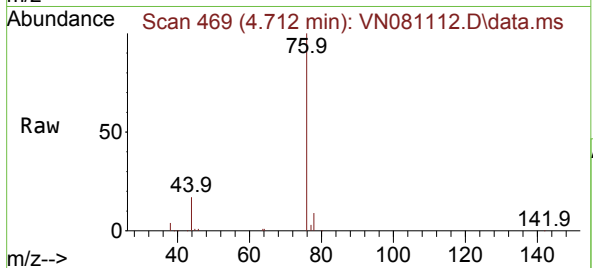
VN0221WBSD01

Tgt Ion: 76 Resp: 192080

Ion Ratio Lower Upper

76 100

78 9.3 6.3 9.5



#18

Methyl Acetate

Concen: 20.219 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN081112.D

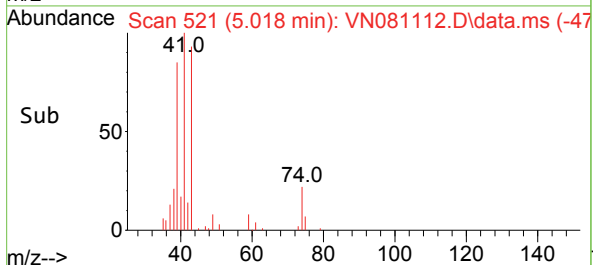
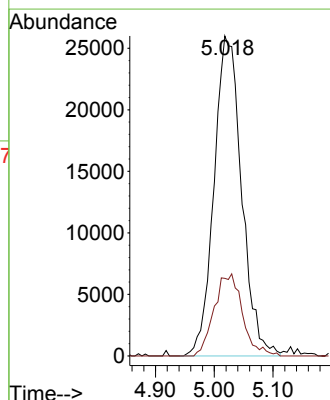
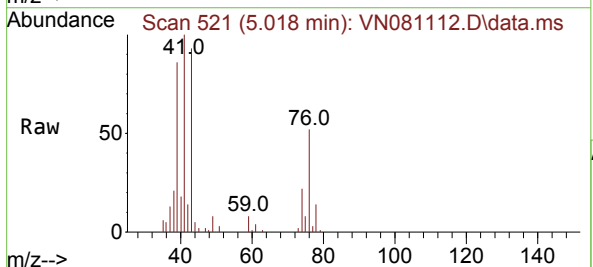
Acq: 21 Feb 2024 12:00

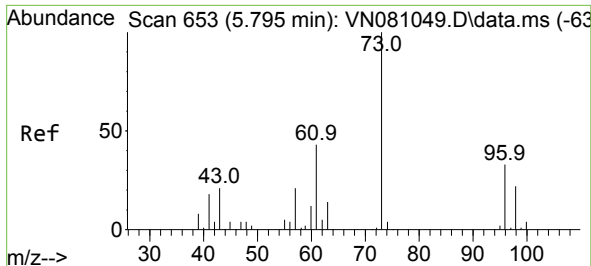
Tgt Ion: 43 Resp: 84799

Ion Ratio Lower Upper

43 100

74 26.3 17.3 25.9#

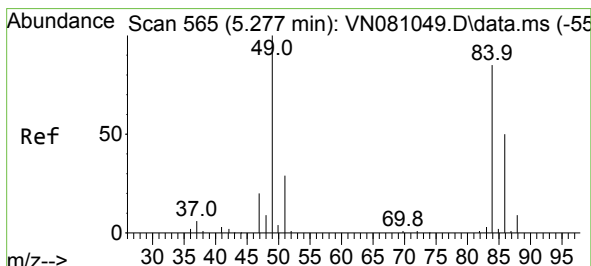
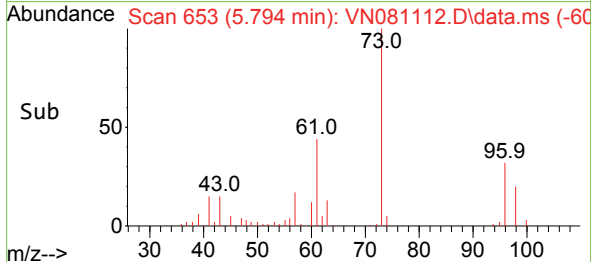
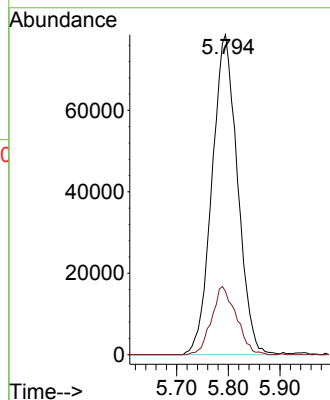
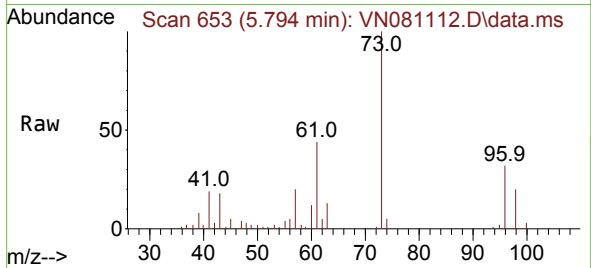




#19
Methyl tert-butyl Ether
Concen: 19.507 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

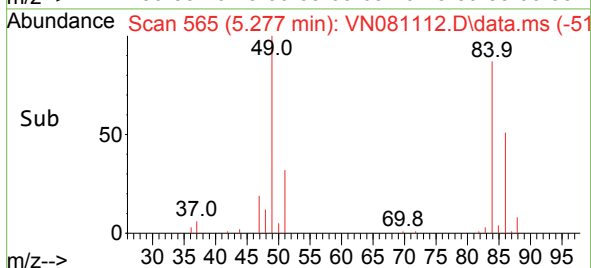
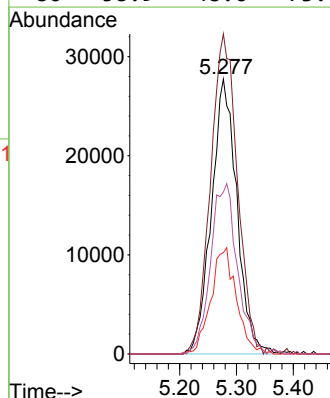
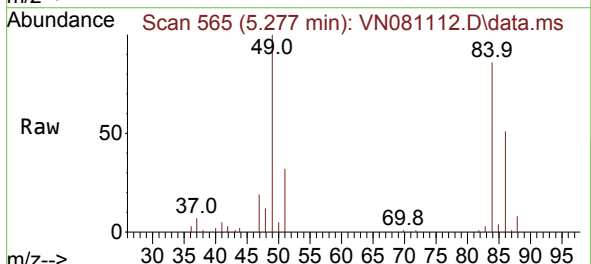
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

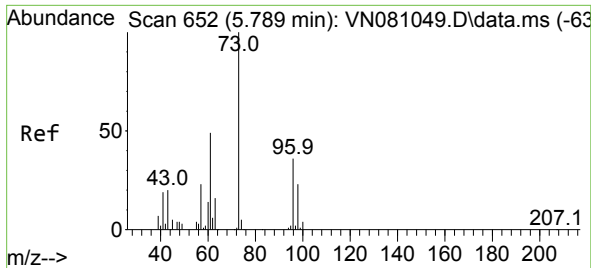
Tgt Ion: 73 Resp: 269335
Ion Ratio Lower Upper
73 100
57 19.8 18.2 27.4



#20
Methylene Chloride
Concen: 18.802 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 84 Resp: 86206
Ion Ratio Lower Upper
84 100
49 116.4 108.1 162.1
51 36.9 32.9 49.3
86 58.9 48.6 73.0

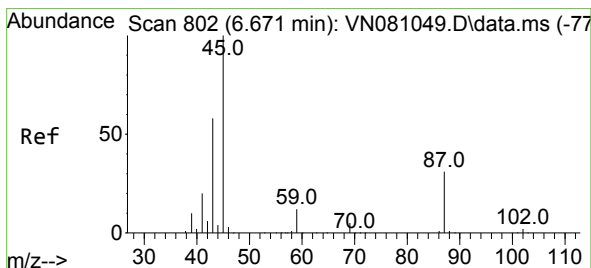
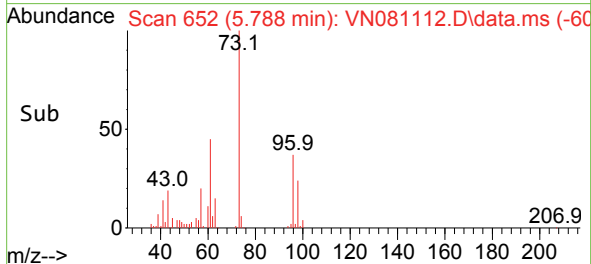
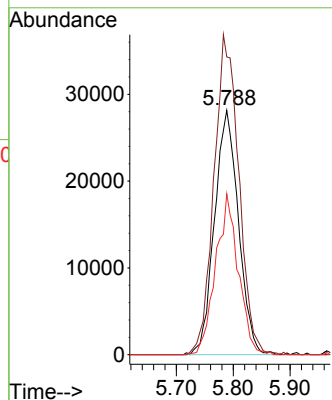
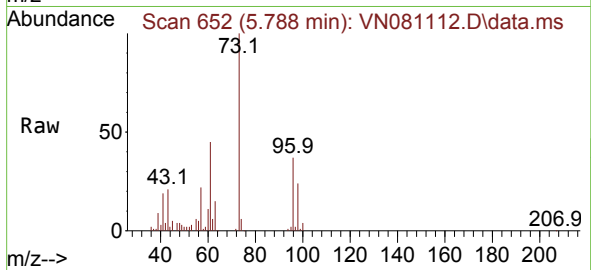




#21
trans-1,2-Dichloroethene
Concen: 18.340 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

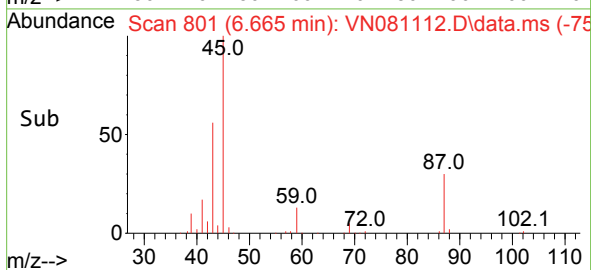
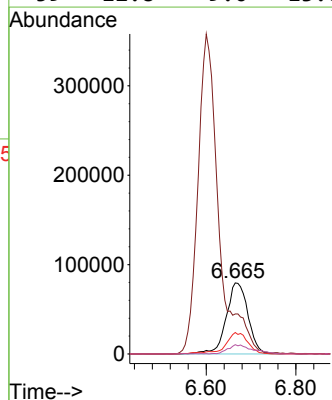
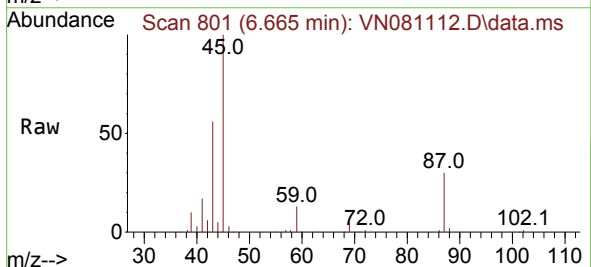
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

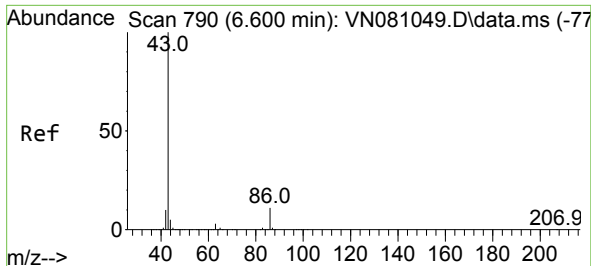
Tgt Ion: 96 Resp: 82488
Ion Ratio Lower Upper
96 100
61 121.8 112.8 169.2
98 65.8 51.0 76.4



#22
Diisopropyl ether
Concen: 19.746 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 45 Resp: 267932
Ion Ratio Lower Upper
45 100
43 55.2 41.8 62.8
87 30.1 18.1 27.1#
59 12.8 9.0 13.6

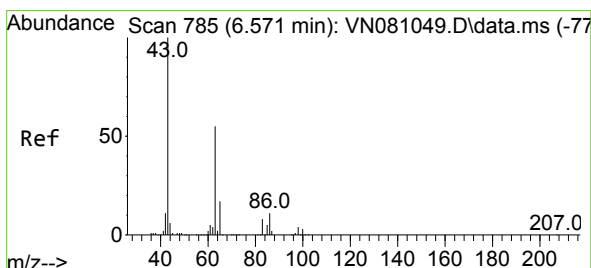
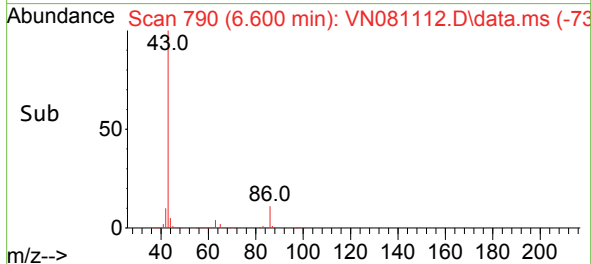
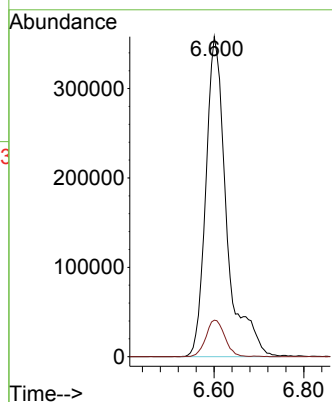
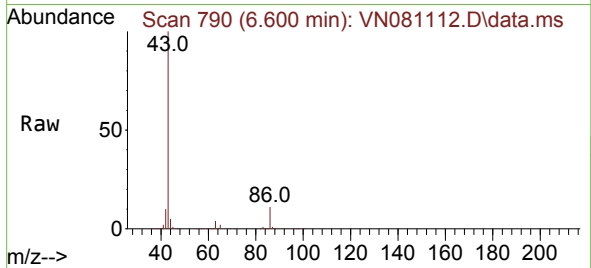




#23
 Vinyl Acetate
 Concen: 104.602 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081112.D
 Acq: 21 Feb 2024 12:00

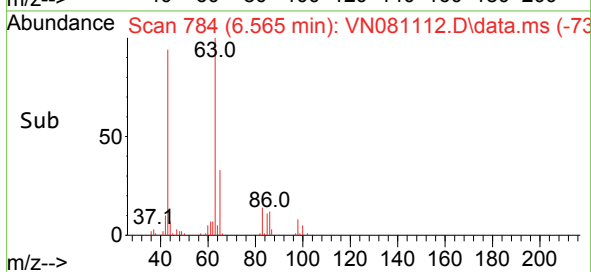
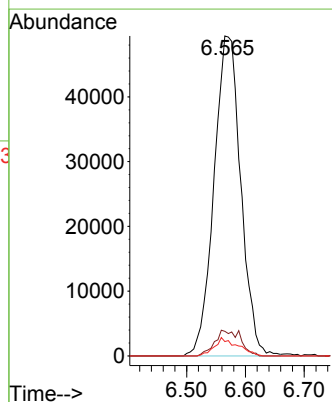
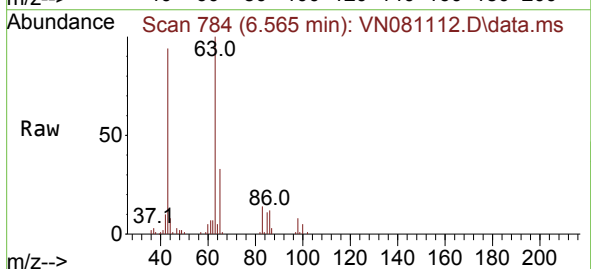
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

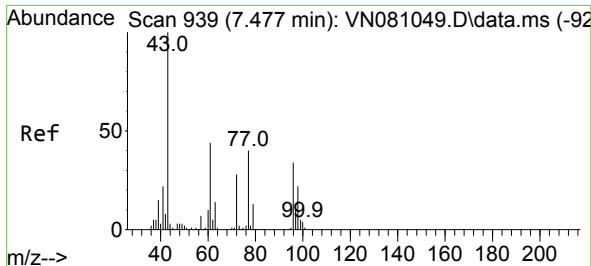
Tgt Ion: 43 Resp: 1151544
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.906 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081112.D
 Acq: 21 Feb 2024 12:00

Tgt Ion: 63 Resp: 156177
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.9 8.6
 100 4.5 1.9 5.7

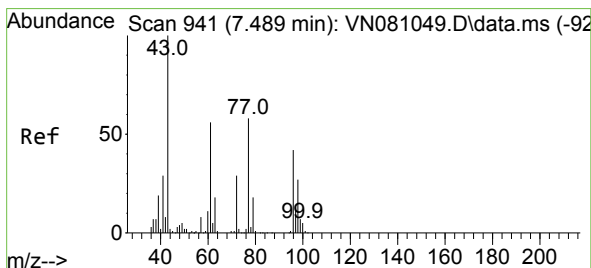
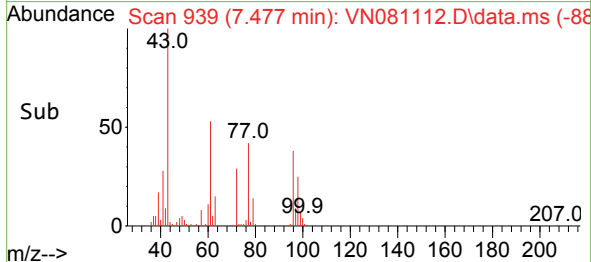
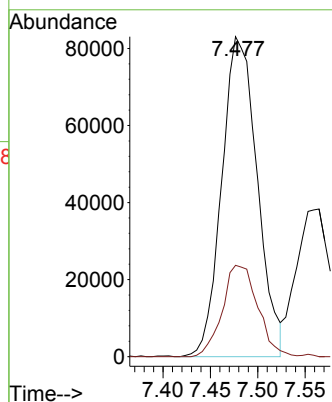
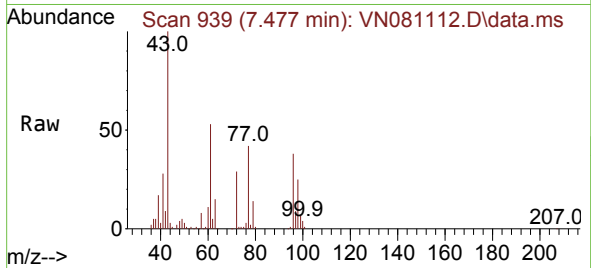




#25
2-Butanone
Concen: 77.894 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

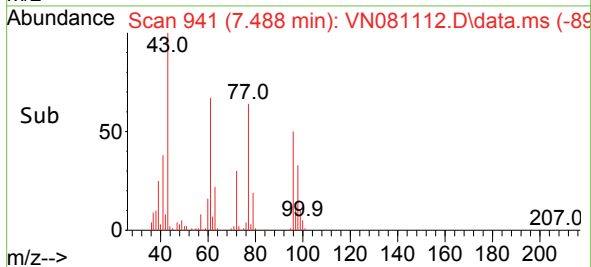
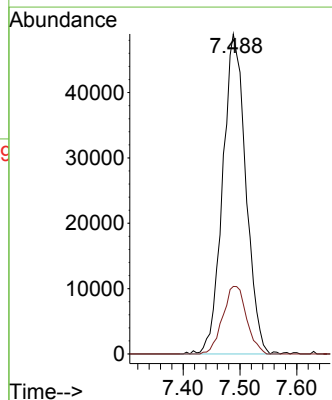
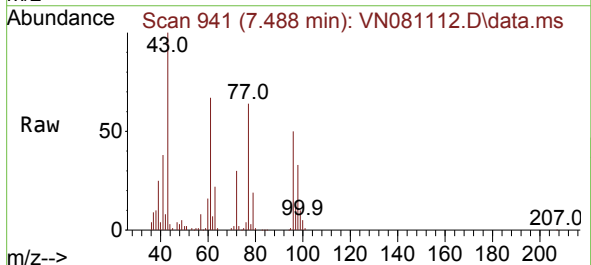
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

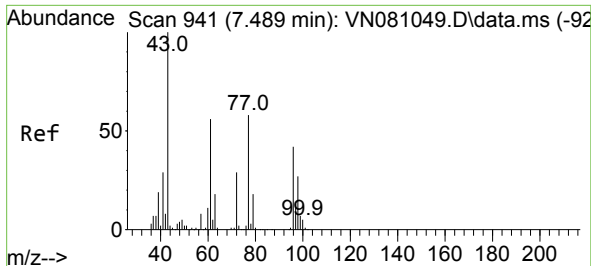
Tgt Ion: 43 Resp: 216353
Ion Ratio Lower Upper
43 100
72 28.6 19.5 29.3



#26
2,2-Dichloropropane
Concen: 18.861 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 77 Resp: 138655
Ion Ratio Lower Upper
77 100
97 21.7 11.5 34.5

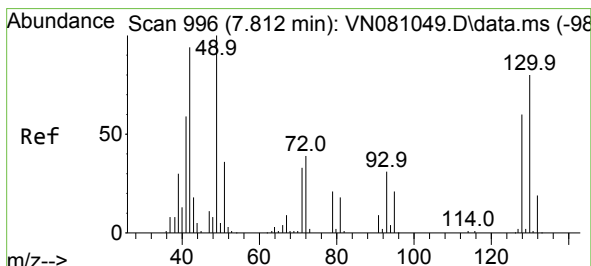
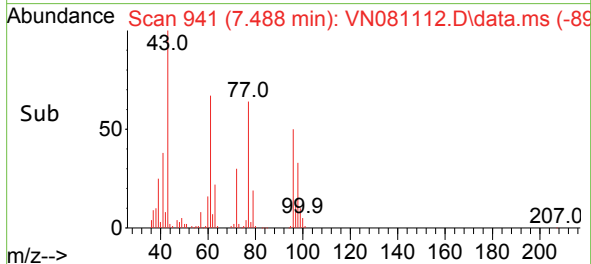
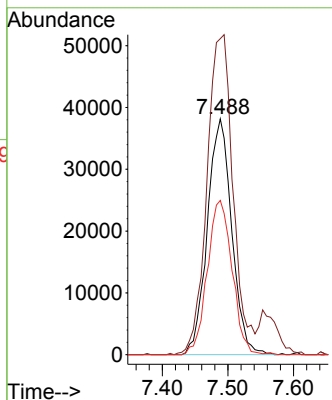
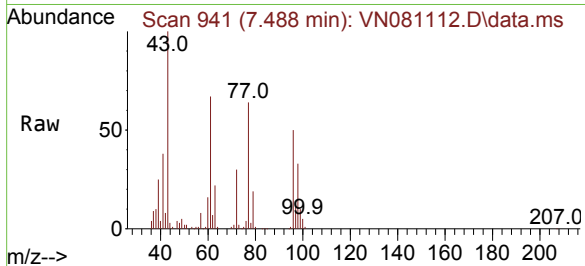




#27
 cis-1,2-Dichloroethene
 Concen: 18.882 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081112.D
 Acq: 21 Feb 2024 12:00

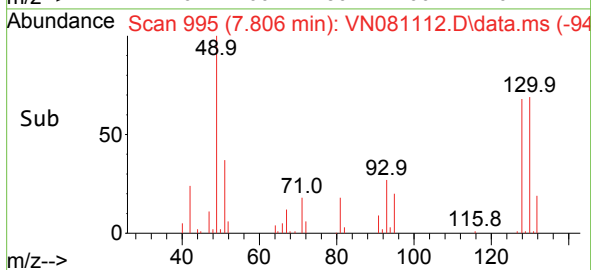
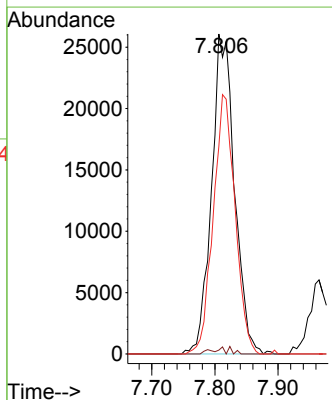
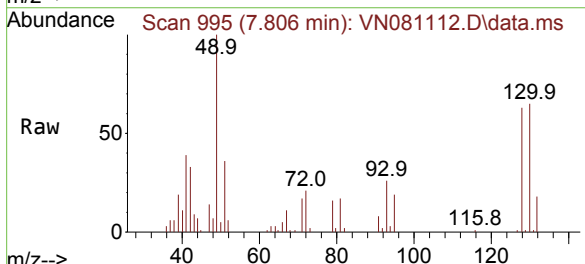
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

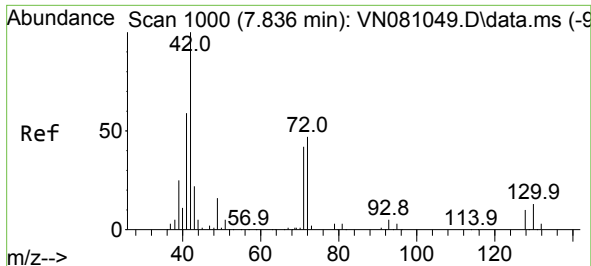
Tgt Ion: 96 Resp: 98671
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 325.4
 98 66.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.245 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN081112.D
 Acq: 21 Feb 2024 12:00

Tgt Ion: 49 Resp: 65849
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 1.6
 130 77.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 85.196 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

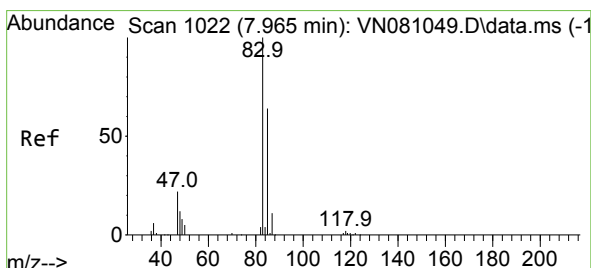
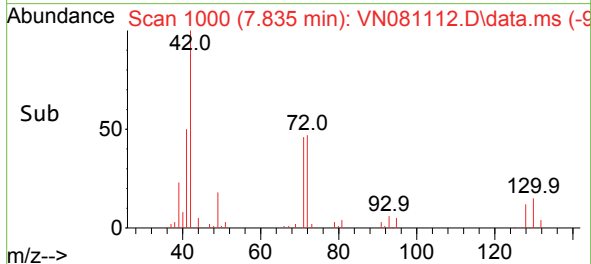
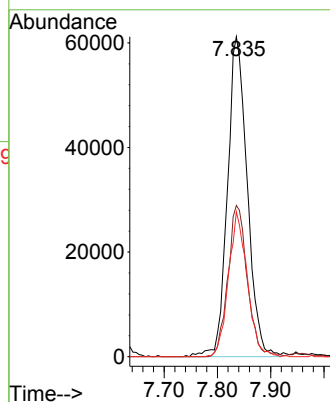
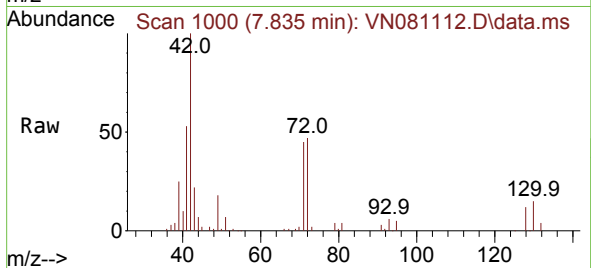
Tgt Ion: 42 Resp: 157965

Ion Ratio Lower Upper

42 100

72 46.3 31.1 46.7

71 43.2 28.3 42.5#



#30

Chloroform

Concen: 19.224 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081112.D

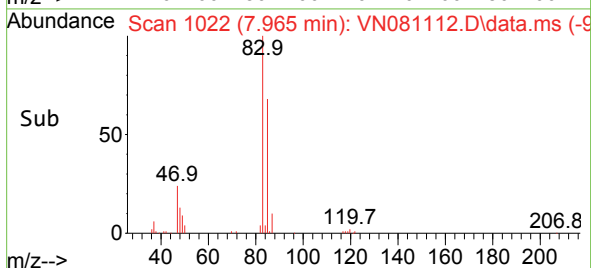
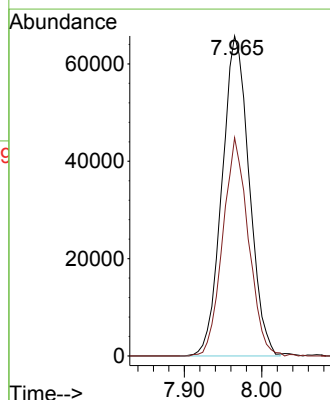
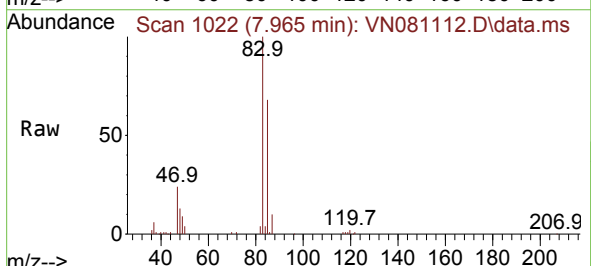
Acq: 21 Feb 2024 12:00

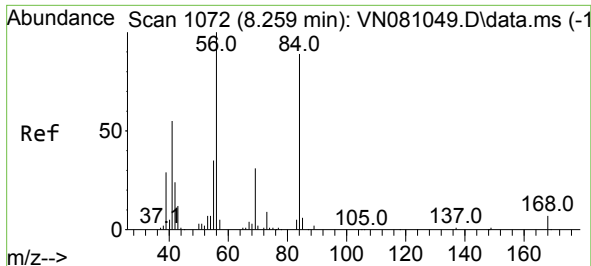
Tgt Ion: 83 Resp: 160340

Ion Ratio Lower Upper

83 100

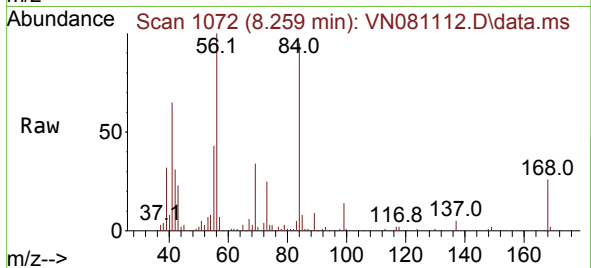
85 68.2 51.0 76.6



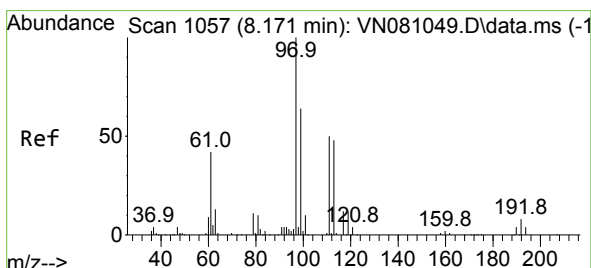
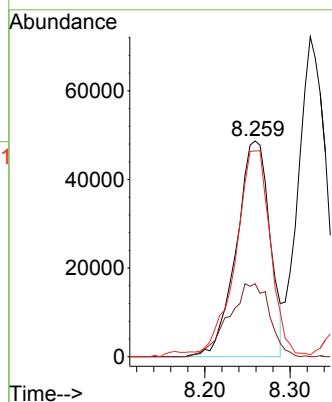
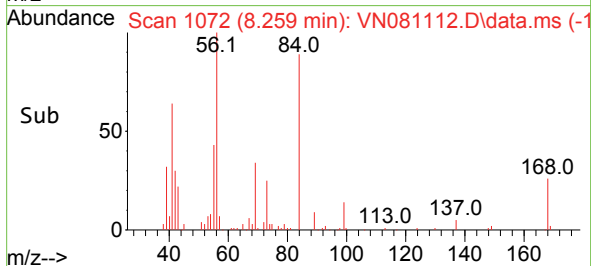


#31
Cyclohexane
Concen: 17.625 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

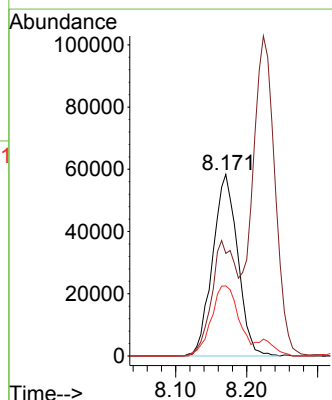
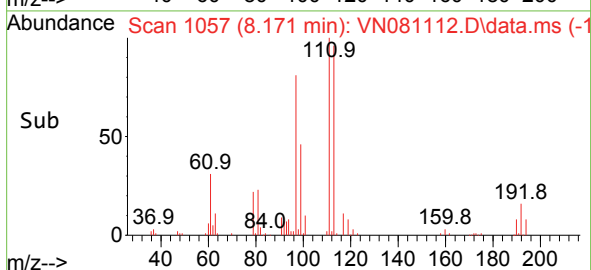
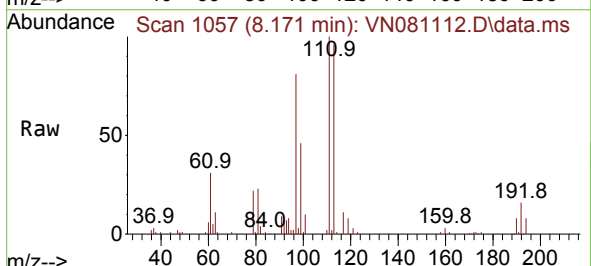


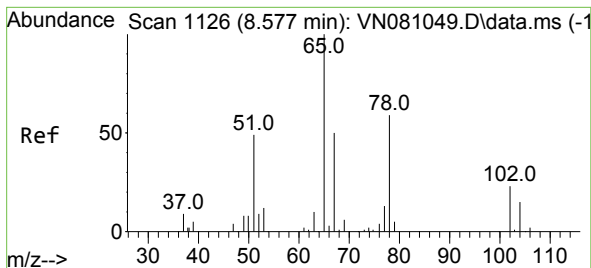
Tgt Ion: 56 Resp: 132975
Ion Ratio Lower Upper
56 100
69 33.9 20.1 30.1#
84 93.4 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 18.823 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 97 Resp: 142979
Ion Ratio Lower Upper
97 100
99 60.5 53.4 80.0
61 44.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 46.109 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

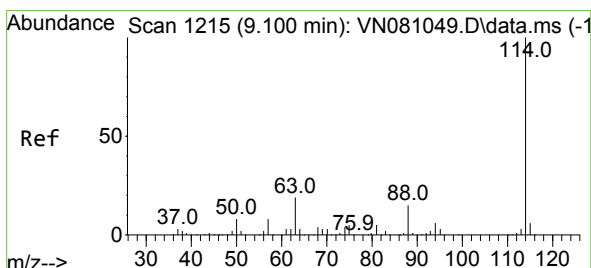
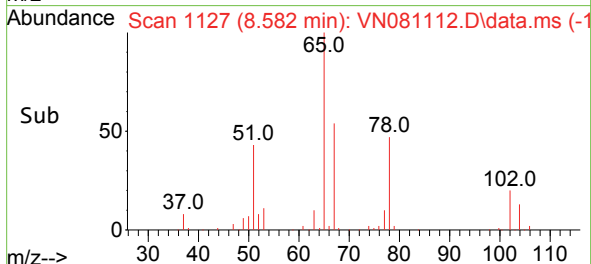
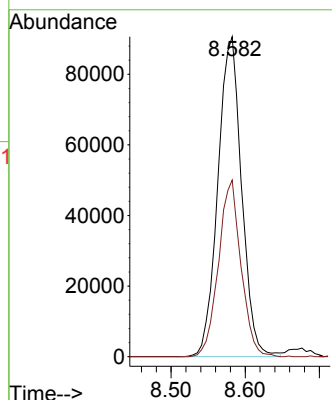
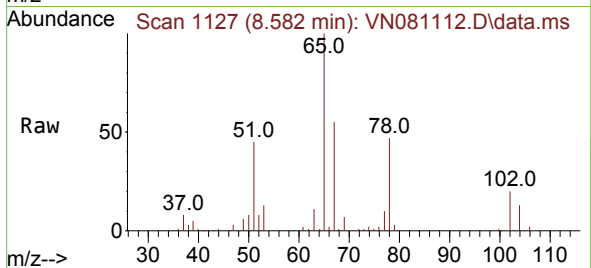
VN0221WBSD01

Tgt Ion: 65 Resp: 201471

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

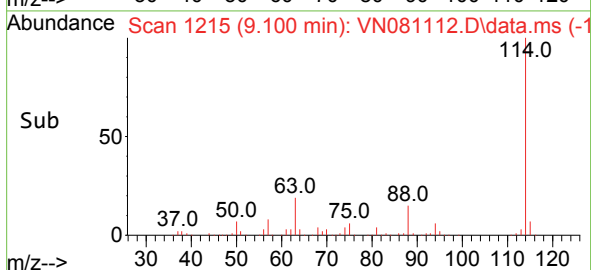
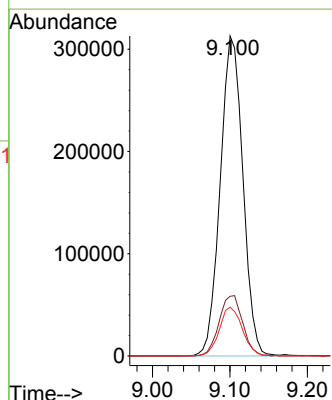
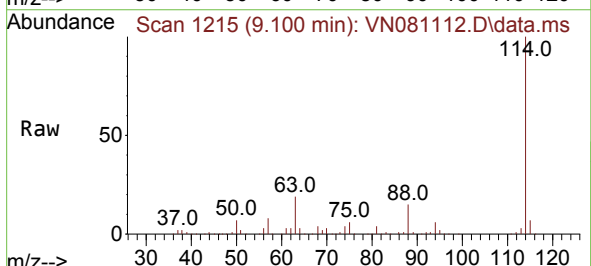
Tgt Ion: 114 Resp: 636735

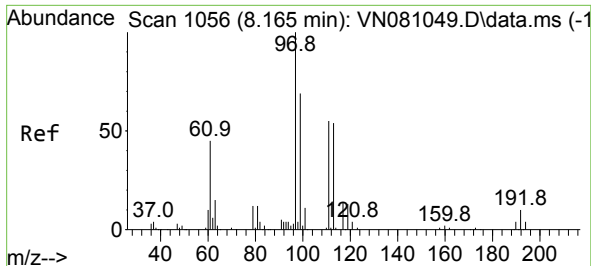
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 15.3 0.0 34.8

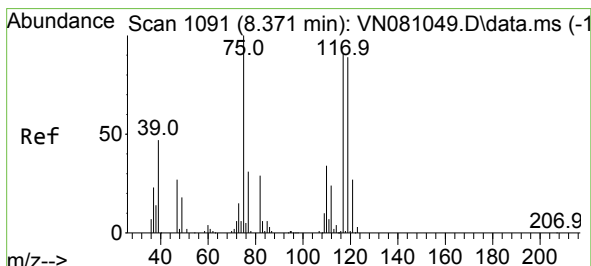
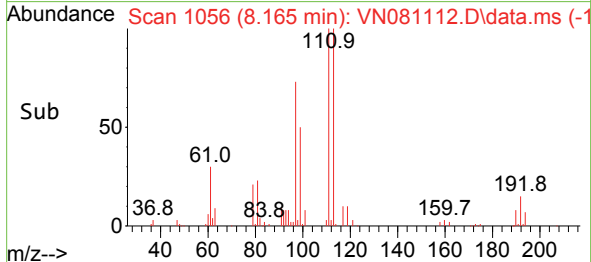
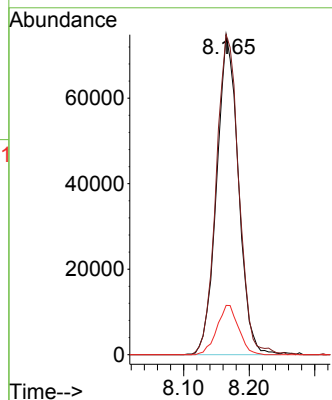
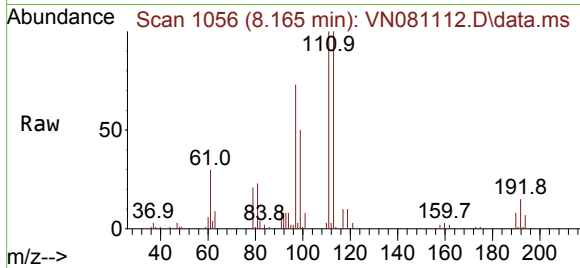




#35
Dibromofluoromethane
Concen: 47.888 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

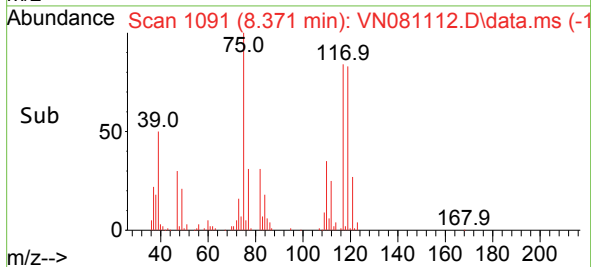
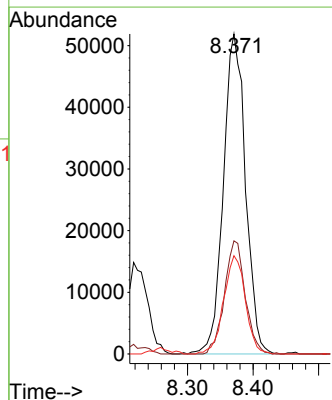
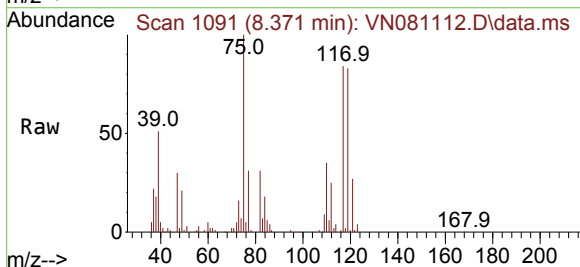
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

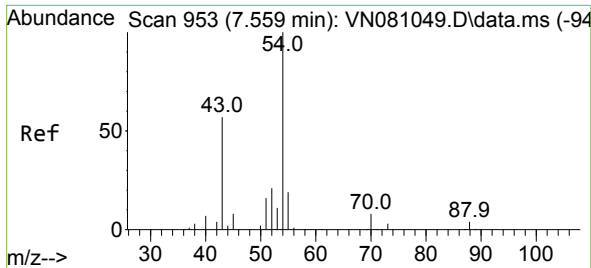
Tgt Ion:113 Resp: 172421
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 15.3 12.5 18.7



#36
1,1-Dichloropropene
Concen: 19.710 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 75 Resp: 121579
Ion Ratio Lower Upper
75 100
110 33.3 16.0 48.0
77 30.0 25.8 38.6

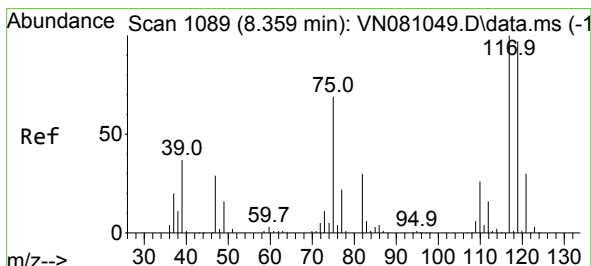
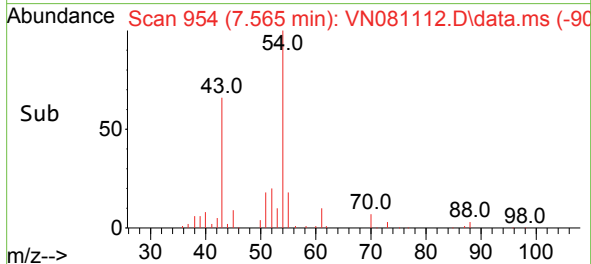
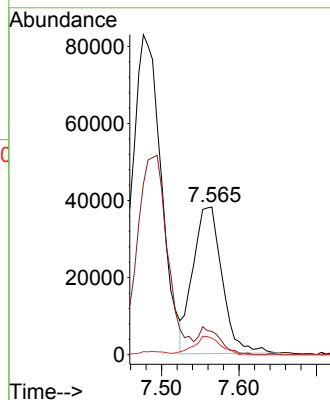
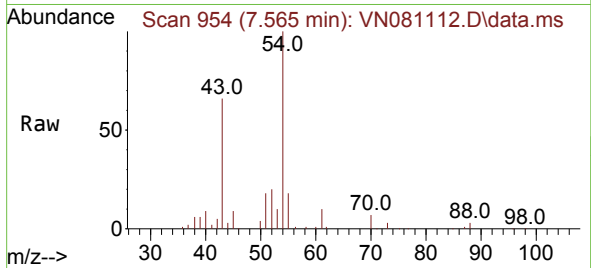




#37
Ethyl Acetate
Concen: 17.932 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

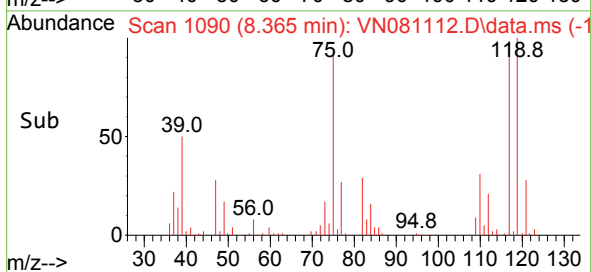
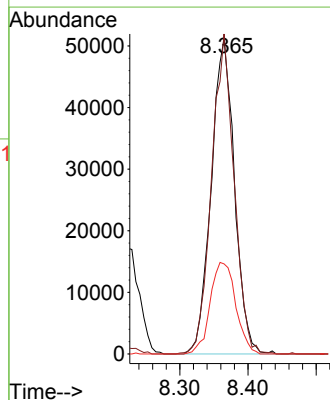
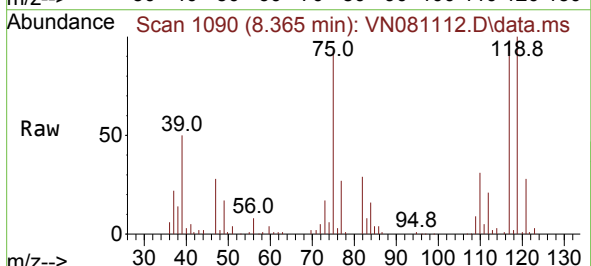
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 43 Resp: 99831
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 11.6 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.493 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 117 Resp: 121653
Ion Ratio Lower Upper
117 100
119 101.6 73.4 110.2
121 28.6 24.4 36.6





#39

Methylcyclohexane

Concen: 19.035 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

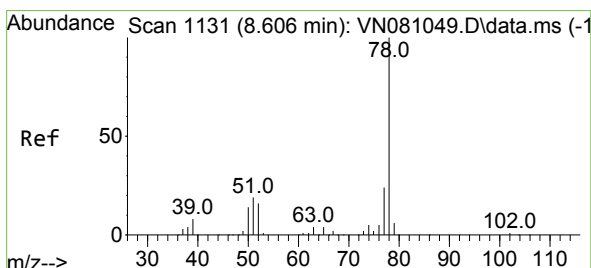
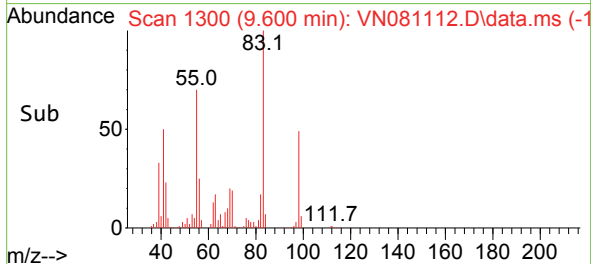
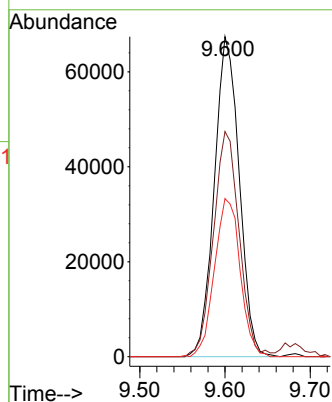
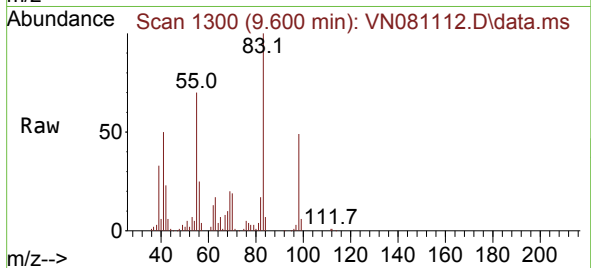
Tgt Ion: 83 Resp: 136873

Ion Ratio Lower Upper

83 100

55 70.4 65.7 98.5

98 49.4 33.8 50.6



#40

Benzene

Concen: 19.998 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081112.D

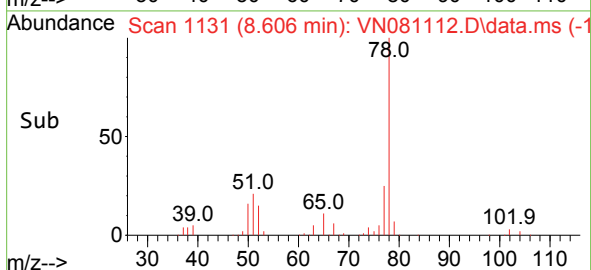
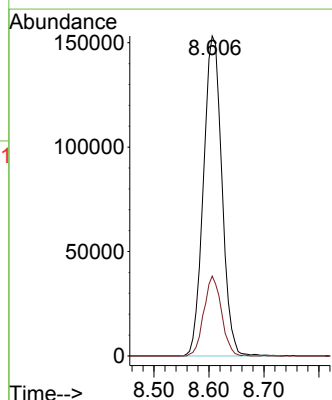
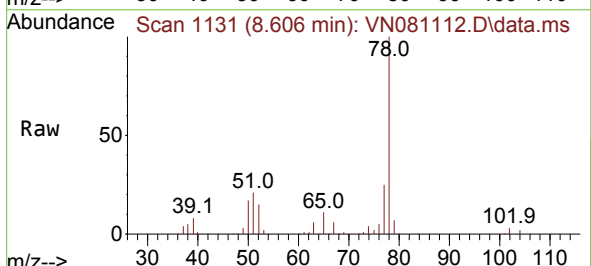
Acq: 21 Feb 2024 12:00

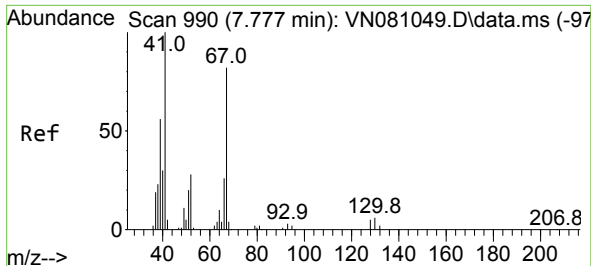
Tgt Ion: 78 Resp: 357051

Ion Ratio Lower Upper

78 100

77 24.9 20.4 30.6

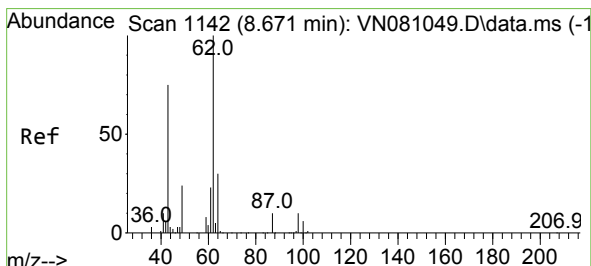
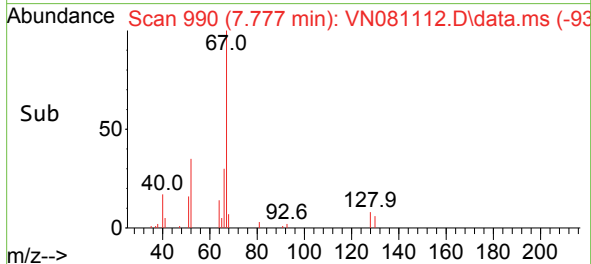
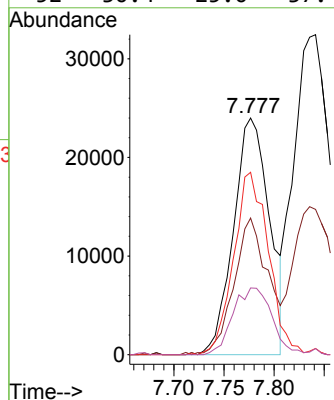
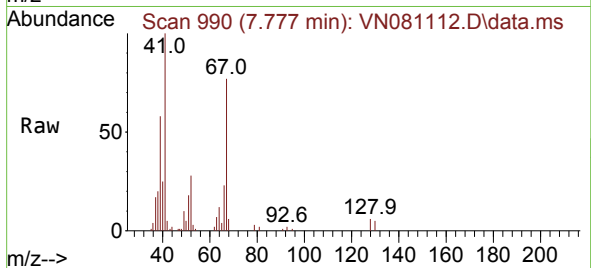




#41
Methacrylonitrile
Concen: 18.963 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

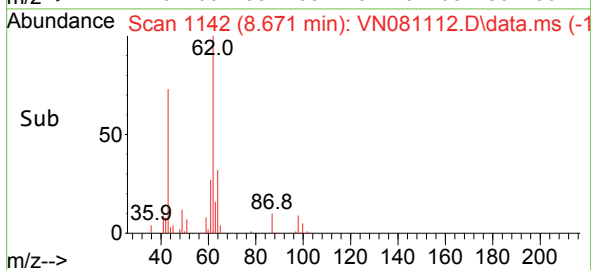
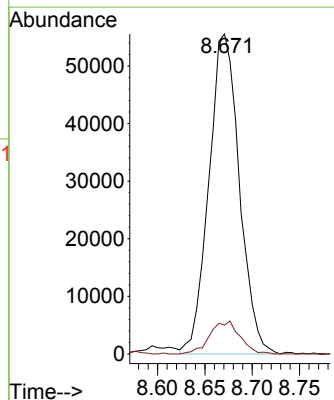
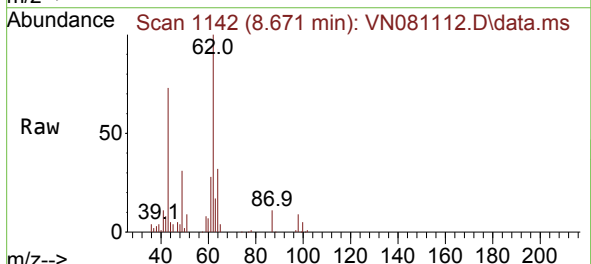
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

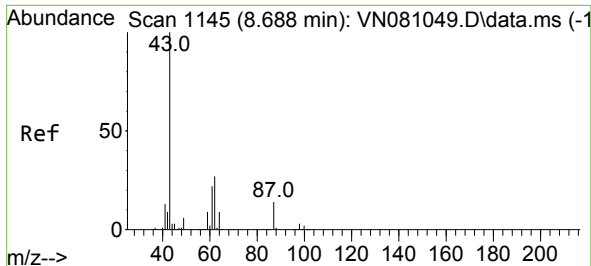
Tgt Ion: 41	Resp: 60082
Ion Ratio	Lower Upper
41 100	
39 54.7	48.4 72.6
67 74.6	56.8 85.2
52 30.4	25.0 37.4



#42
1,2-Dichloroethane
Concen: 20.014 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 62	Resp: 124670
Ion Ratio	Lower Upper
62 100	
98 10.1	0.0 18.0

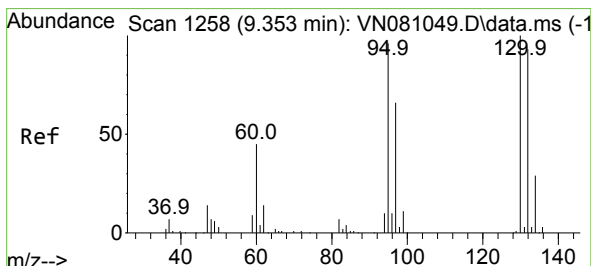
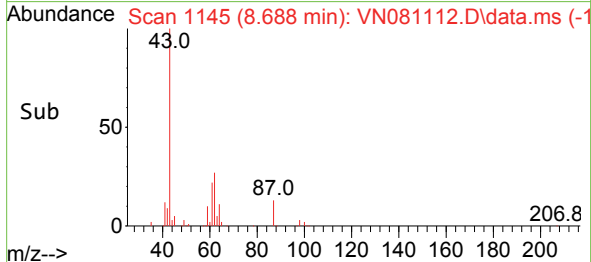
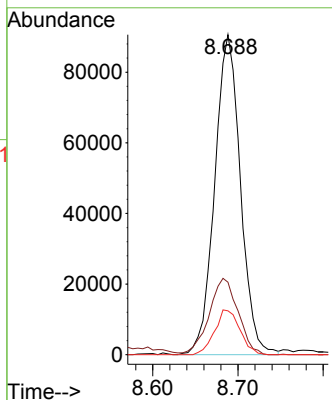
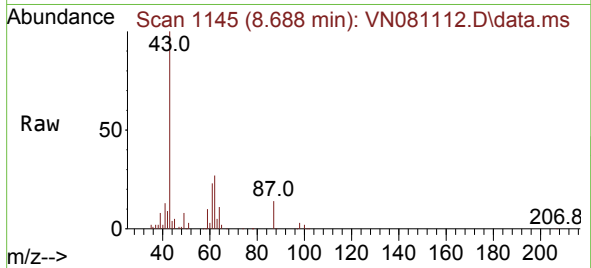




#43
Isopropyl Acetate
Concen: 19.567 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

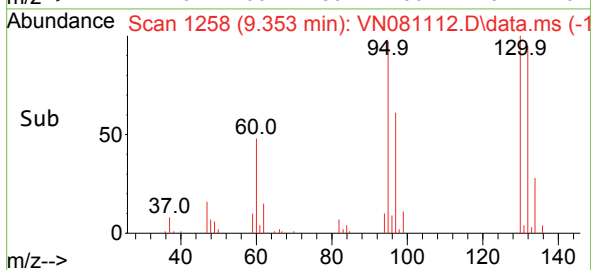
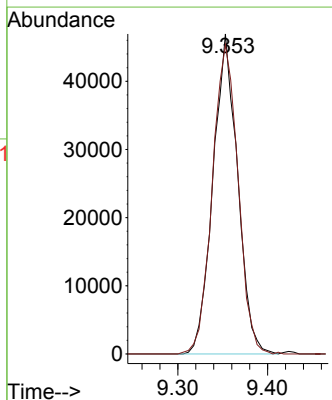
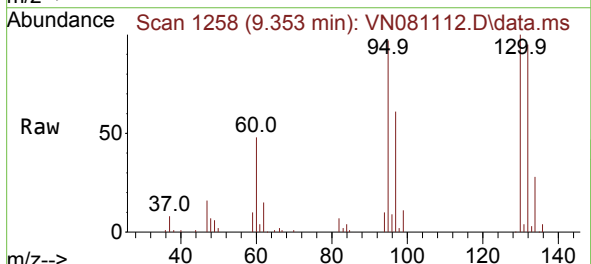
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

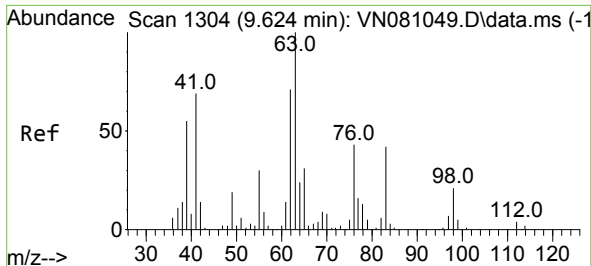
Tgt Ion: 43 Resp: 190518
Ion Ratio Lower Upper
43 100
61 26.8 19.9 29.9
87 13.7 9.0 13.6#



#44
Trichloroethene
Concen: 18.769 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion:130 Resp: 89254
Ion Ratio Lower Upper
130 100
95 96.6 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.866 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

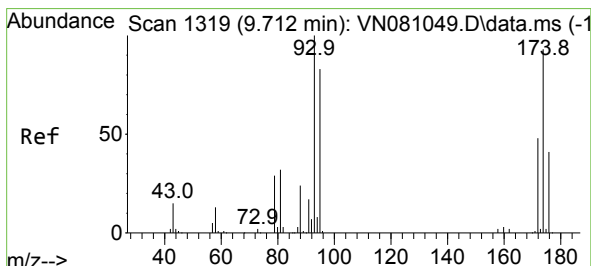
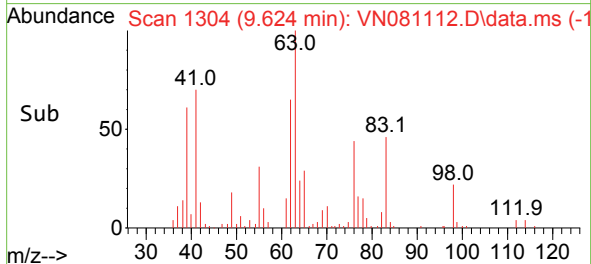
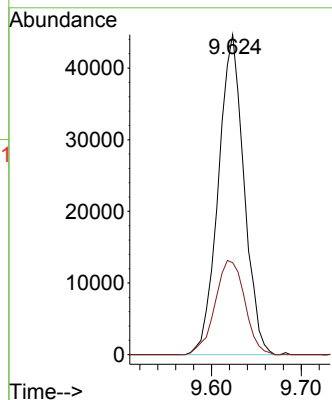
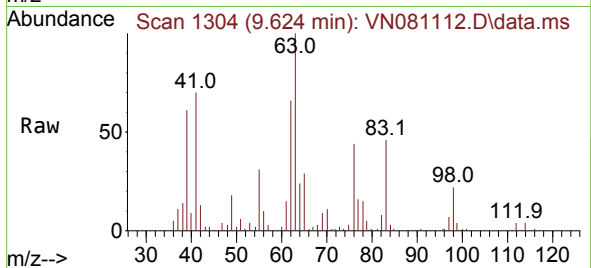
VN0221WBSD01

Tgt Ion: 63 Resp: 88726

Ion Ratio Lower Upper

63 100

65 28.8 26.1 39.1



#46

Dibromomethane

Concen: 19.911 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

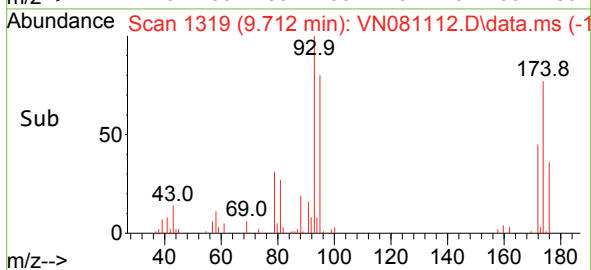
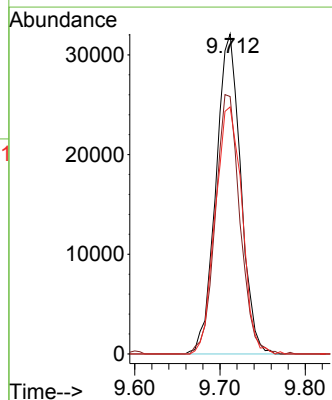
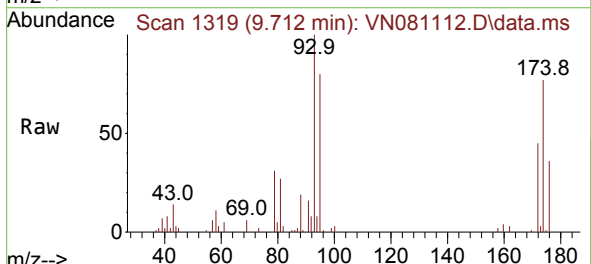
Tgt Ion: 93 Resp: 64794

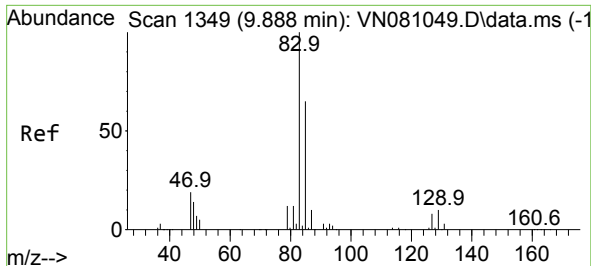
Ion Ratio Lower Upper

93 100

95 80.2 68.1 102.1

174 83.2 57.2 85.8

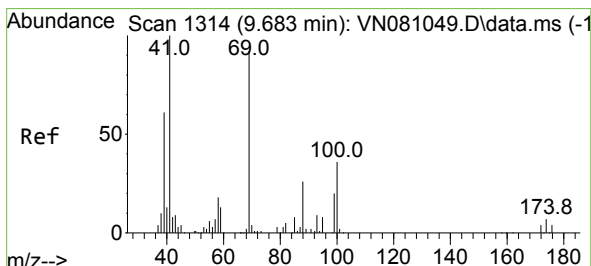
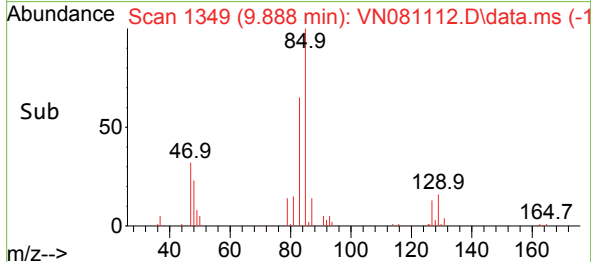
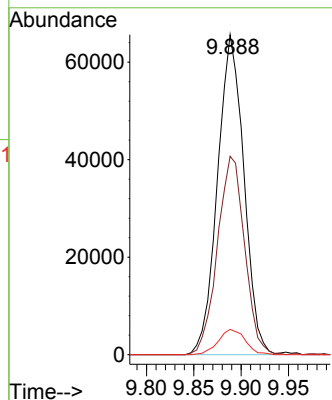
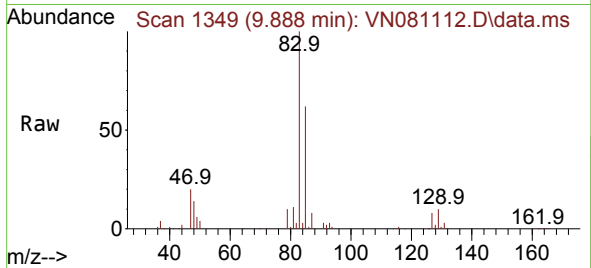




#47
Bromodichloromethane
Concen: 20.628 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

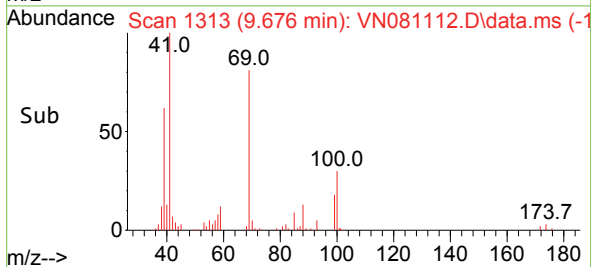
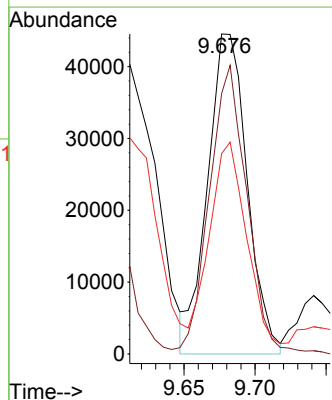
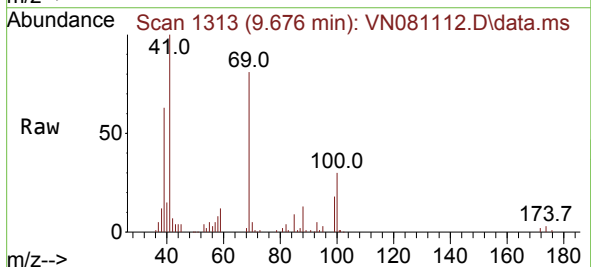
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

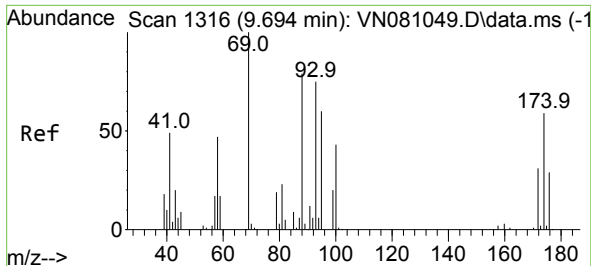
Tgt Ion: 83 Resp: 127136
Ion Ratio Lower Upper
83 100
85 62.0 52.3 78.5
127 7.9 4.6 7.0#



#48
Methyl methacrylate
Concen: 19.079 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 41 Resp: 86438
Ion Ratio Lower Upper
41 100
69 85.6 62.2 93.2
39 63.5 47.6 71.4





#49

1,4-Dioxane

Concen: 312.229 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

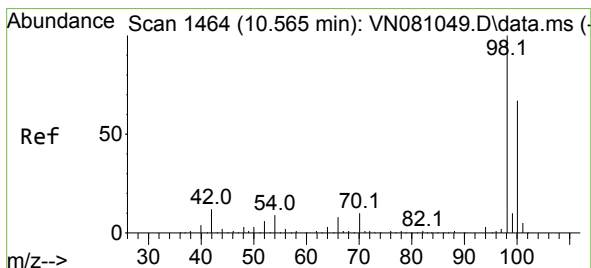
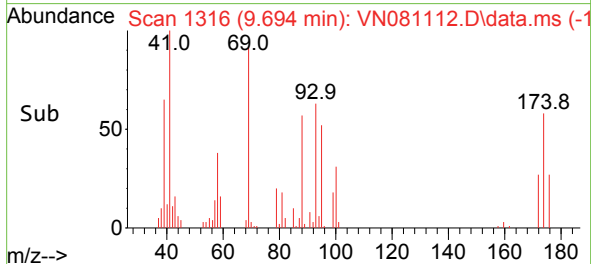
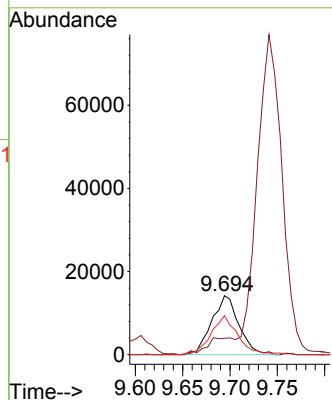
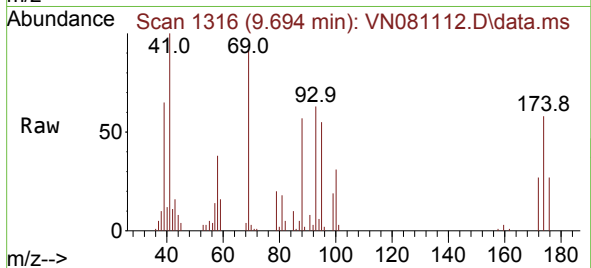
Tgt Ion: 88 Resp: 28320

Ion Ratio Lower Upper

88 100

43 21.0 30.1 45.1#

58 65.8 63.9 95.9



#50

Toluene-d8

Concen: 46.301 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081112.D

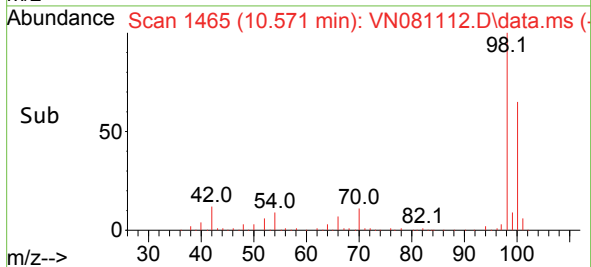
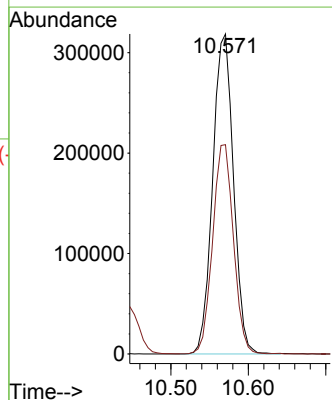
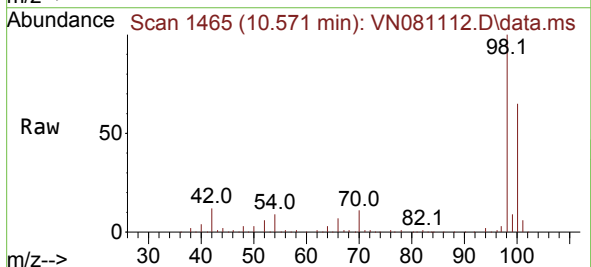
Acq: 21 Feb 2024 12:00

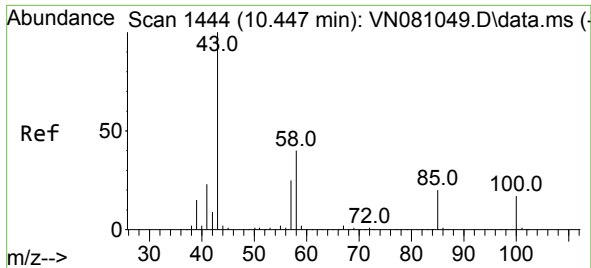
Tgt Ion: 98 Resp: 592105

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0

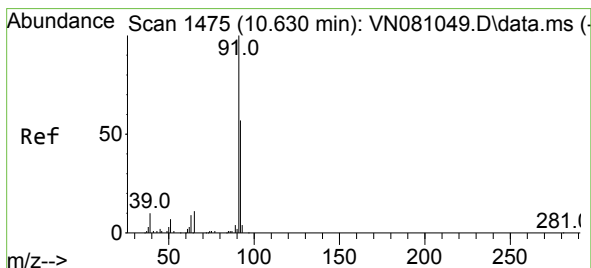
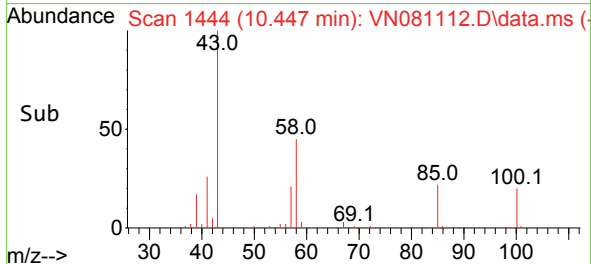
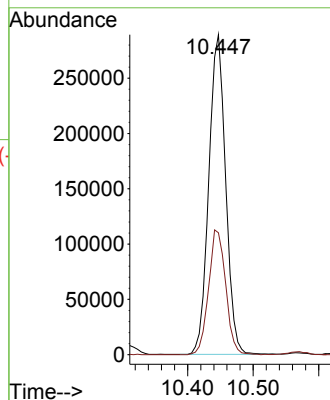
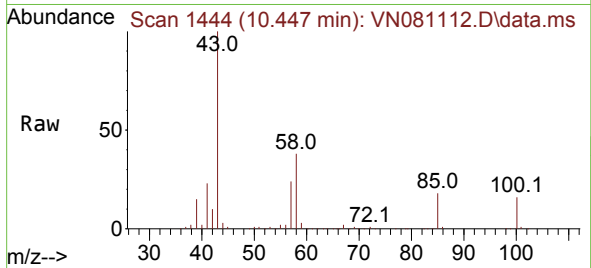




#51
4-Methyl-2-Pentanone
Concen: 92.198 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

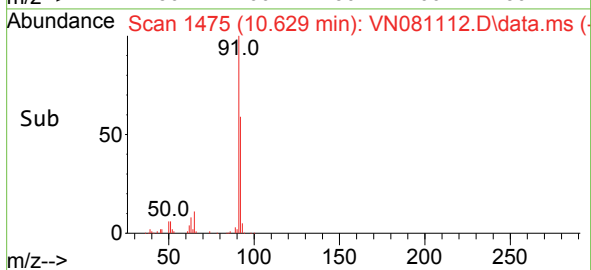
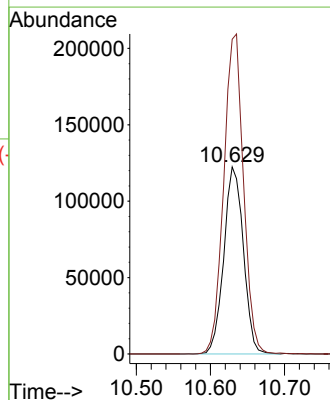
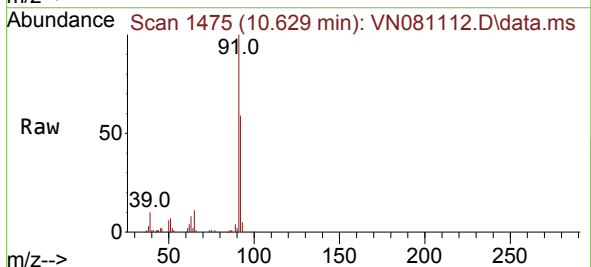
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

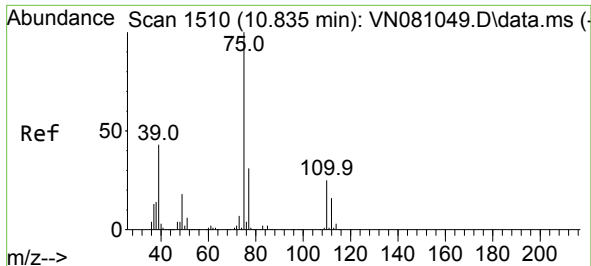
Tgt Ion: 43 Resp: 516395
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0



#52
Toluene
Concen: 19.824 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 92 Resp: 224082
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0

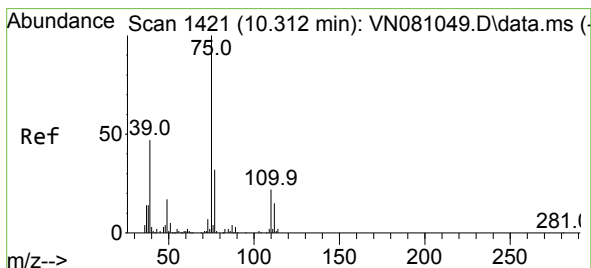
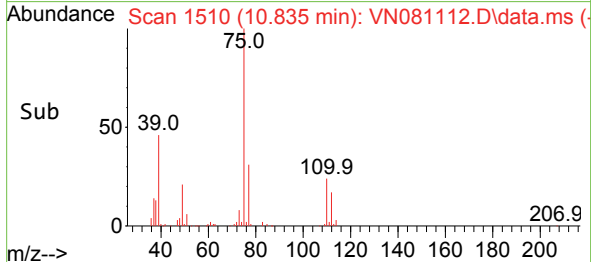
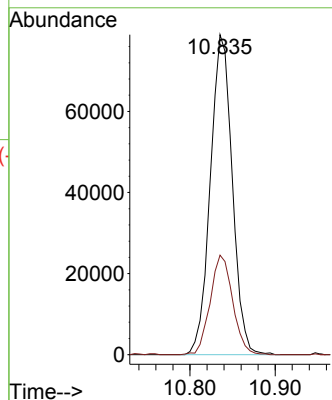
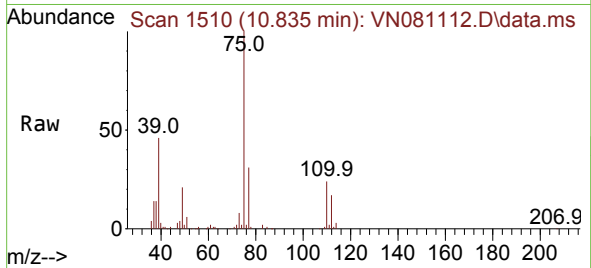




#53
 t-1,3-Dichloropropene
 Concen: 20.577 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081112.D
 Acq: 21 Feb 2024 12:00

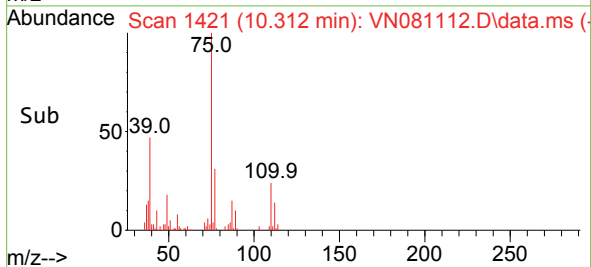
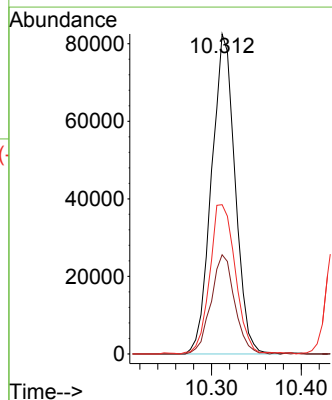
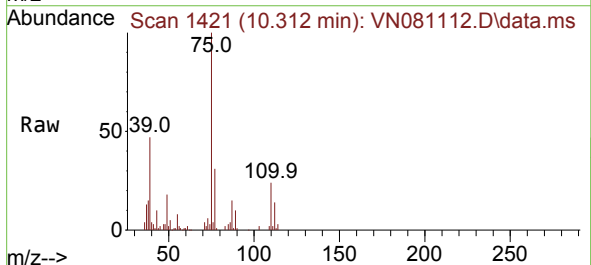
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

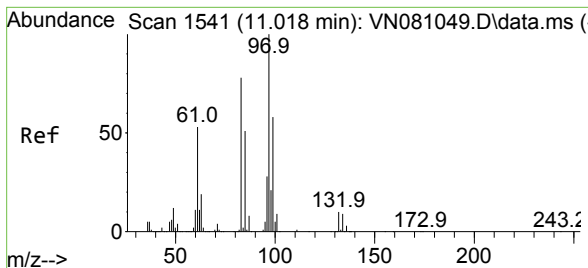
Tgt Ion: 75 Resp: 140933
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.283 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081112.D
 Acq: 21 Feb 2024 12:00

Tgt Ion: 75 Resp: 150090
 Ion Ratio Lower Upper
 75 100
 77 31.0 23.3 34.9
 39 46.7 44.6 66.8

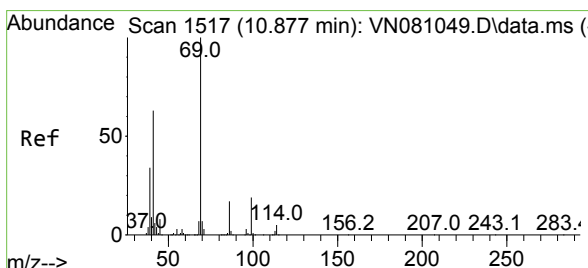
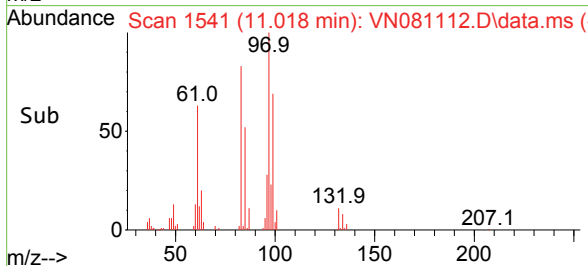
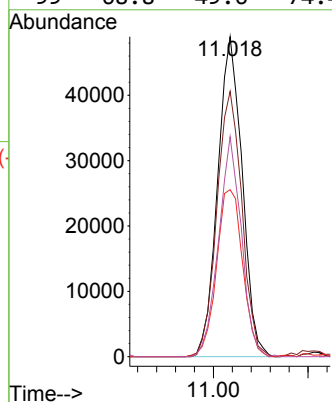
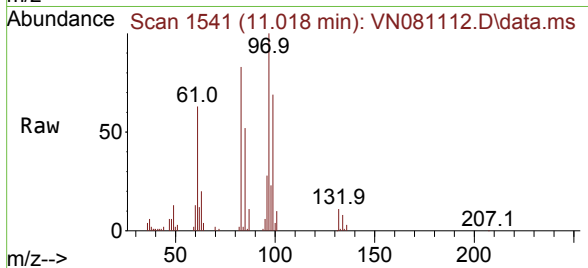




#55
1,1,2-Trichloroethane
Concen: 20.221 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

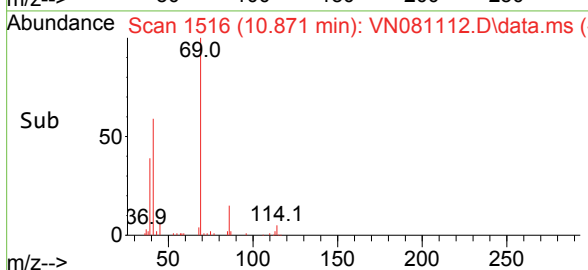
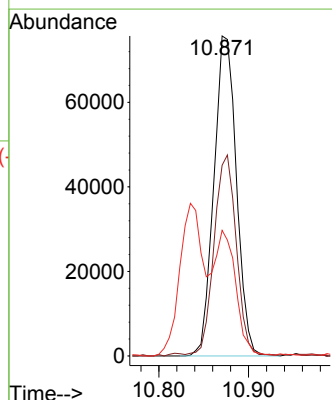
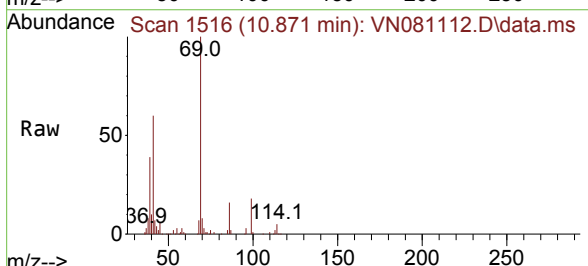
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:	97	Resp:	87908
Ion	Ratio	Lower	Upper
97	100		
83	82.9	72.9	109.3
85	52.2	50.2	75.2
99	68.8	49.6	74.4



#56
Ethyl methacrylate
Concen: 19.897 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion:	69	Resp:	132199
Ion	Ratio	Lower	Upper
69	100		
41	61.3	61.0	91.6
39	33.7	31.8	47.6





#57

1,3-Dichloropropane

Concen: 20.197 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

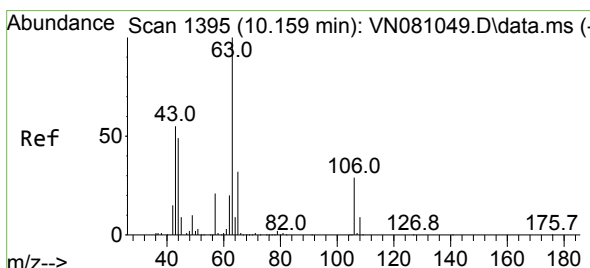
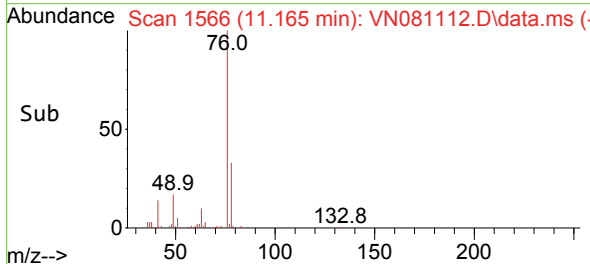
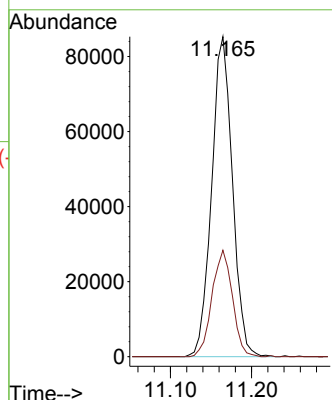
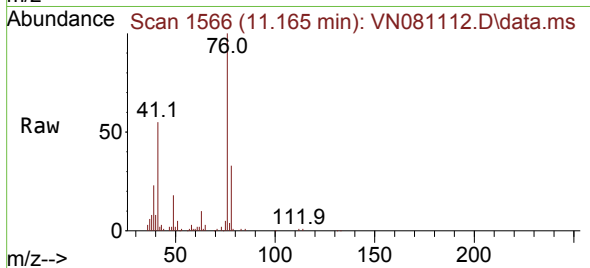
VN0221WBSD01

Tgt Ion: 76 Resp: 151823

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 80.258 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081112.D

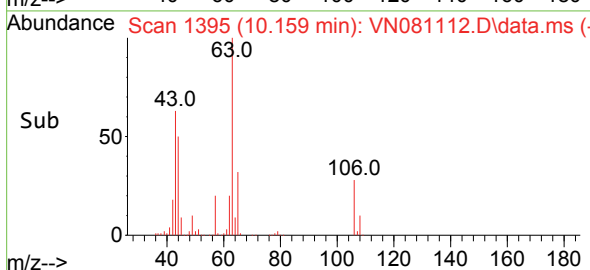
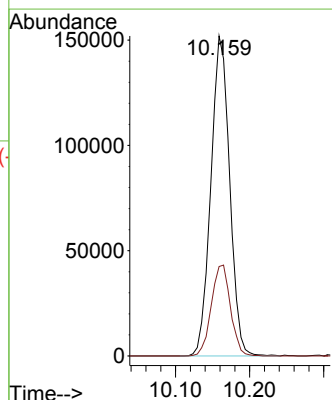
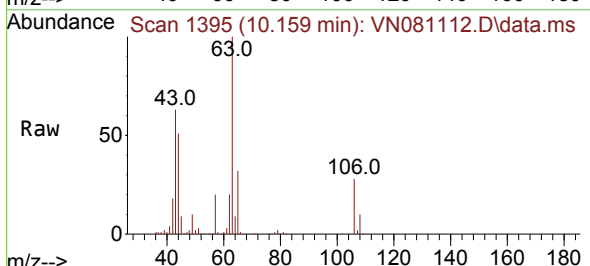
Acq: 21 Feb 2024 12:00

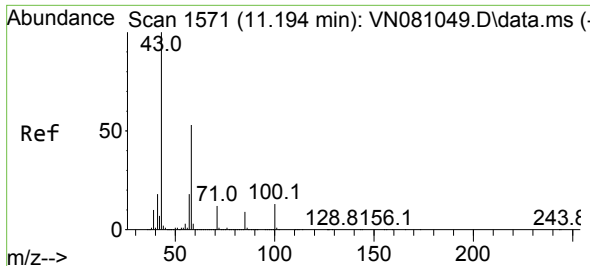
Tgt Ion: 63 Resp: 267562

Ion Ratio Lower Upper

63 100

106 28.9 18.6 28.0#

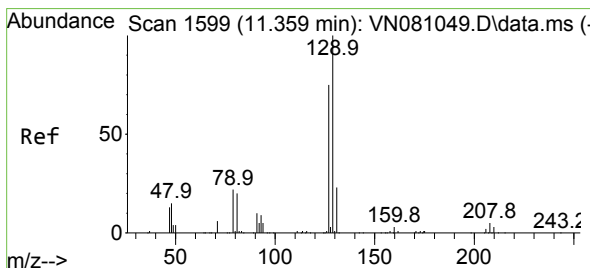
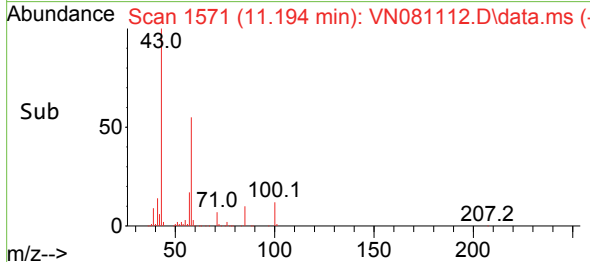
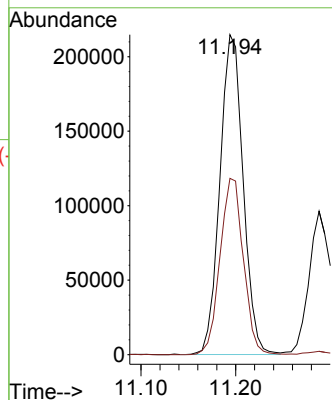
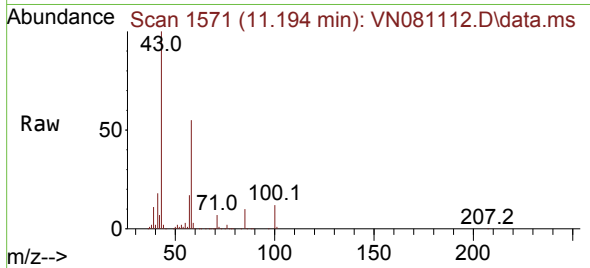




#59
2-Hexanone
Concen: 82.524 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

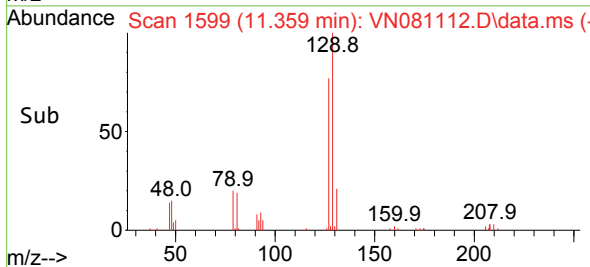
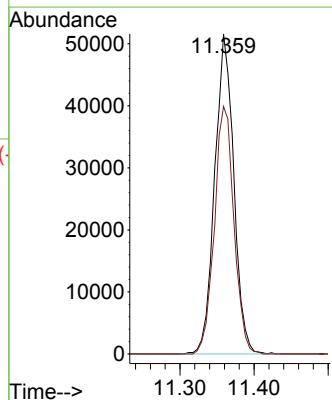
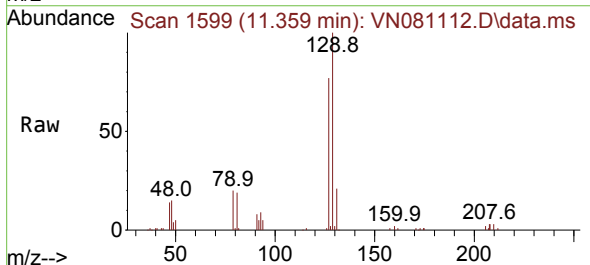
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

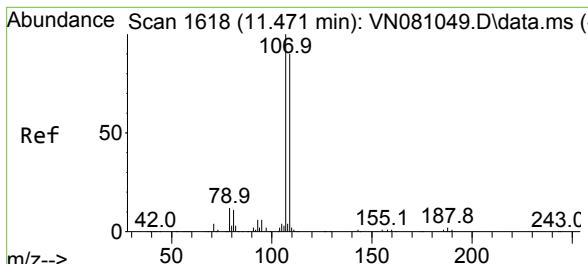
Tgt Ion: 43 Resp: 366444
Ion Ratio Lower Upper
43 100
58 55.4 25.9 77.8



#60
Dibromochloromethane
Concen: 19.880 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 129 Resp: 91817
Ion Ratio Lower Upper
129 100
127 79.3 39.4 118.2

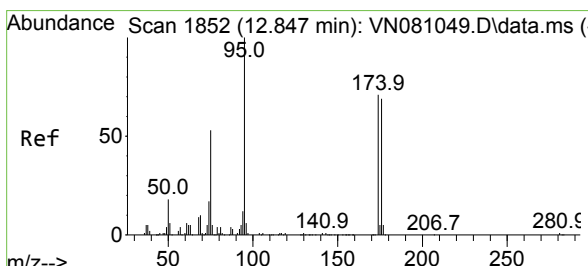
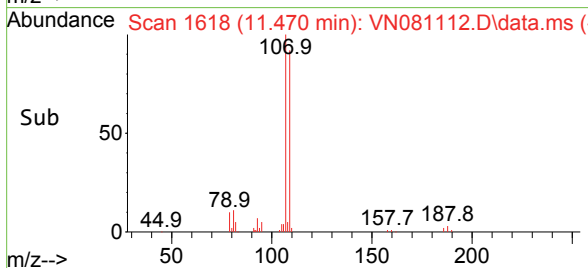
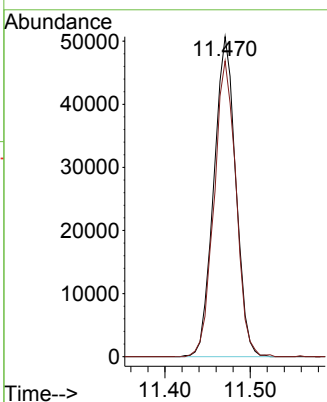
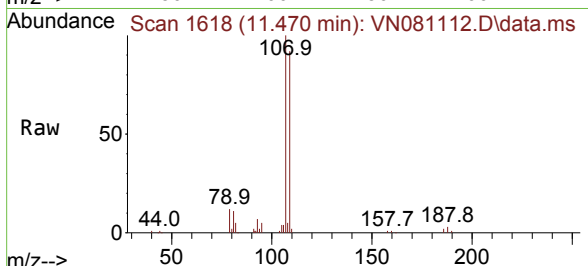




#61
 1,2-Dibromoethane
 Concen: 19.839 ug/l
 RT: 11.470 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: VN081112.D
 Acq: 21 Feb 2024 12:00

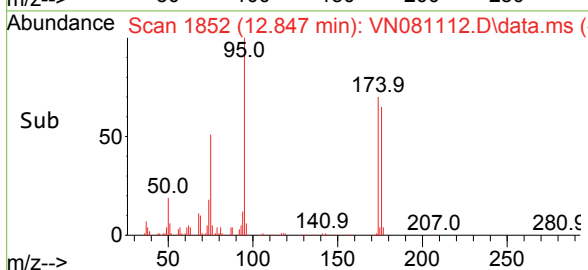
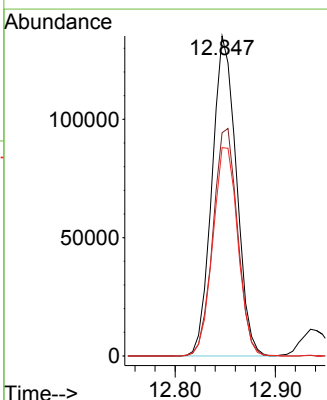
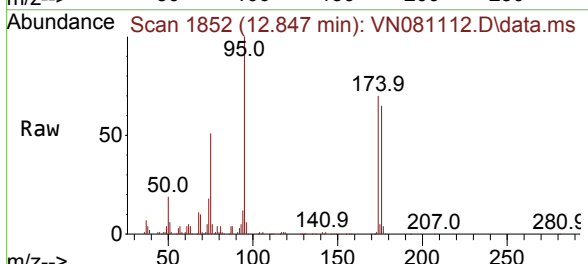
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

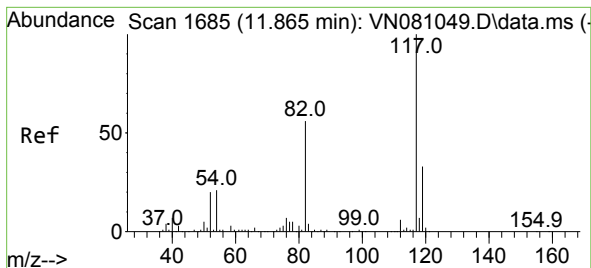
Tgt Ion:	107	Resp:	90699
Ion	Ratio	Lower	Upper
107	100		
109	92.7	73.4	110.2



#62
 4-Bromofluorobenzene
 Concen: 47.500 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN081112.D
 Acq: 21 Feb 2024 12:00

Tgt Ion:	95	Resp:	228249
Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	120.4
176	67.2	0.0	121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

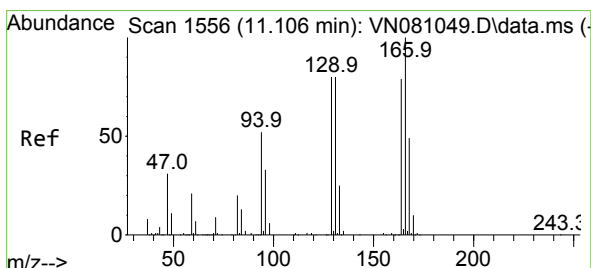
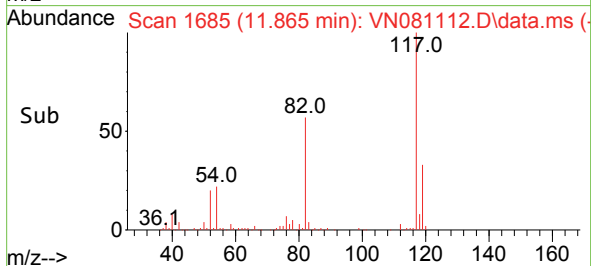
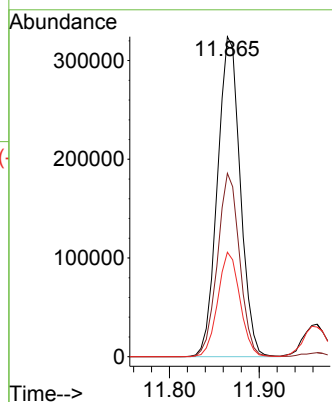
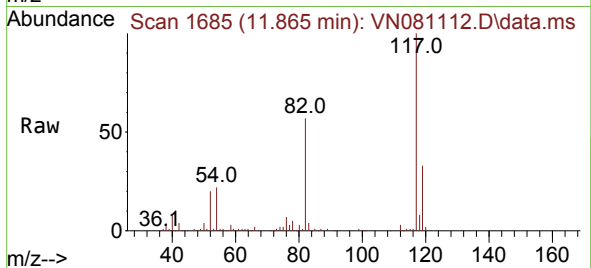
Tgt Ion:117 Resp: 571817

Ion Ratio Lower Upper

117 100

82 57.3 52.7 79.1

119 32.6 25.3 37.9



#64

Tetrachloroethene

Concen: 19.846 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Tgt Ion:164 Resp: 77451

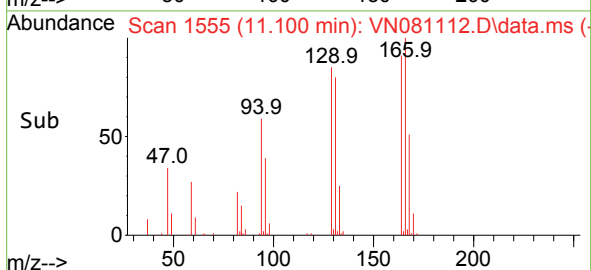
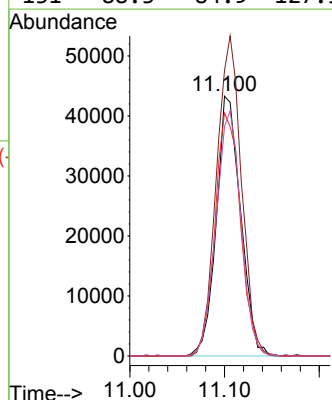
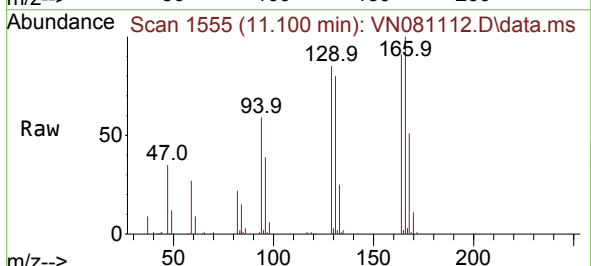
Ion Ratio Lower Upper

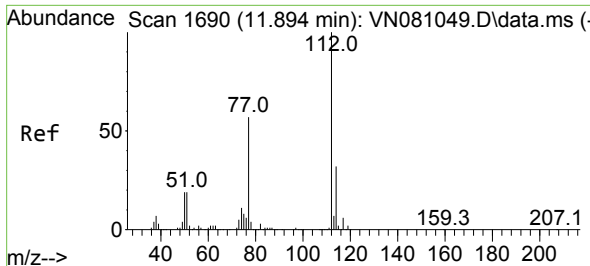
164 100

166 109.9 105.8 158.6

129 93.5 89.6 134.4

131 88.3 84.9 127.3

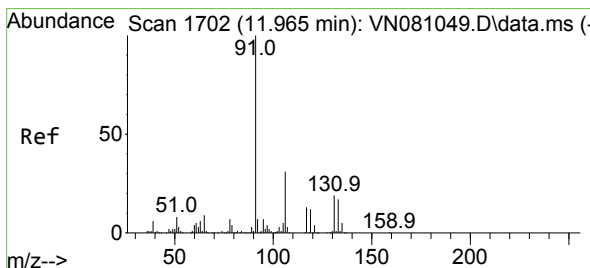
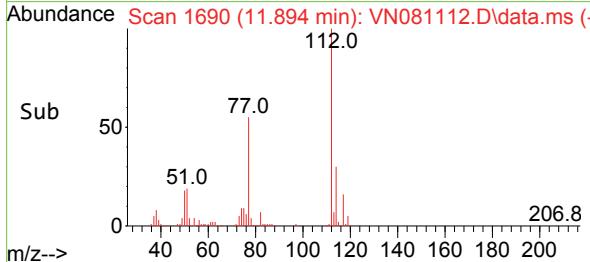
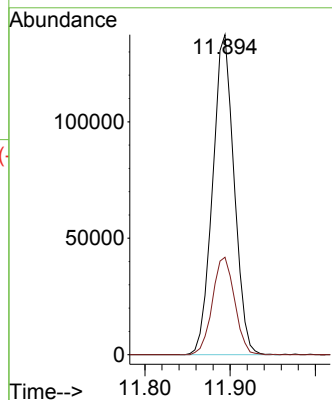
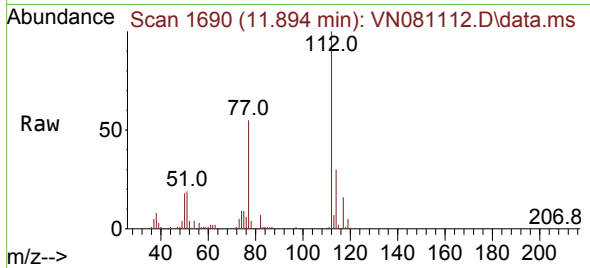




#65
Chlorobenzene
Concen: 19.429 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

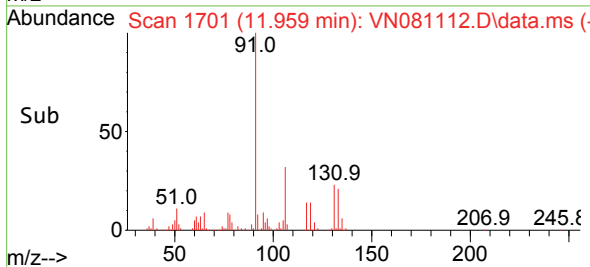
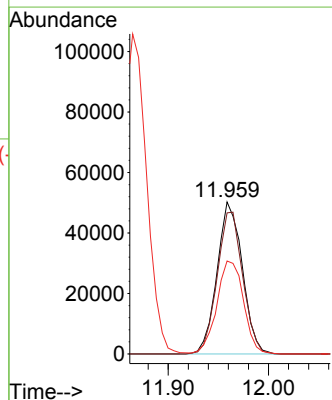
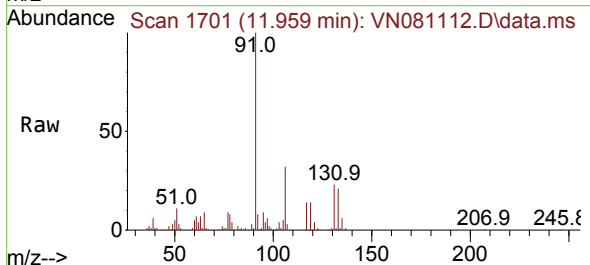
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

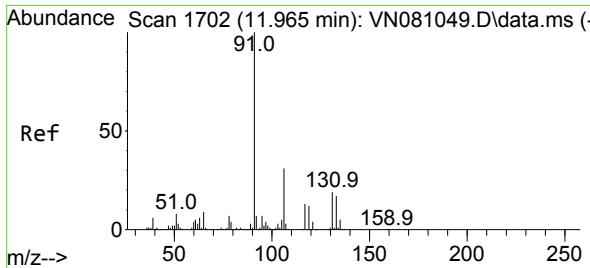
Tgt Ion:112 Resp: 240448
Ion Ratio Lower Upper
112 100
114 30.5 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.761 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion:131 Resp: 87840
Ion Ratio Lower Upper
131 100
133 94.4 46.8 140.3
119 64.6 34.6 103.9

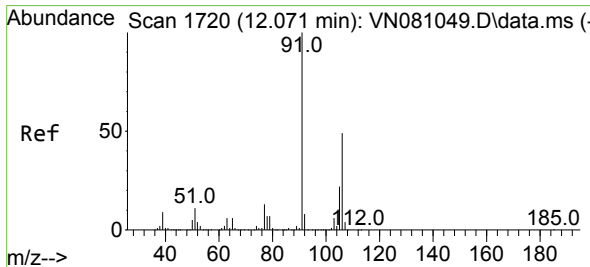
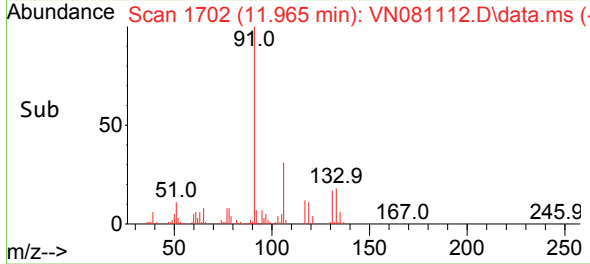
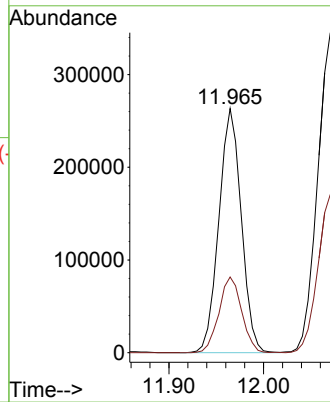
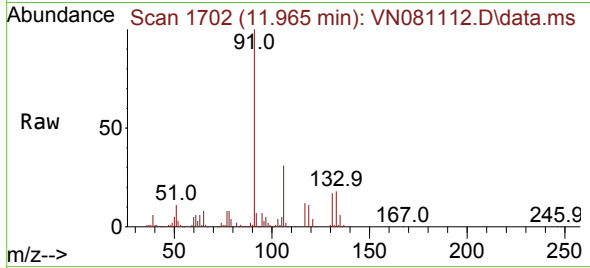




#67
Ethyl Benzene
Concen: 19.553 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

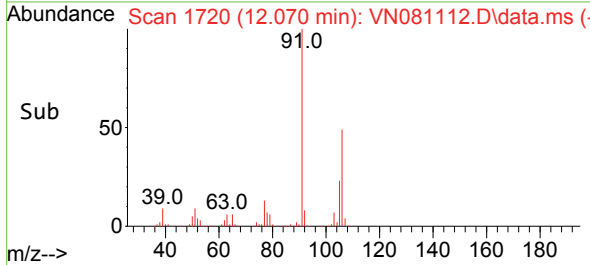
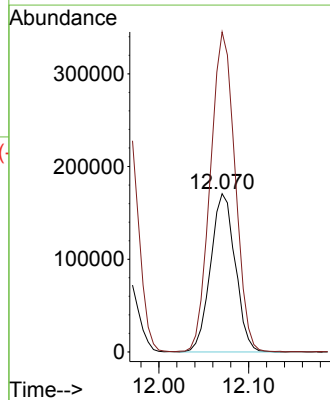
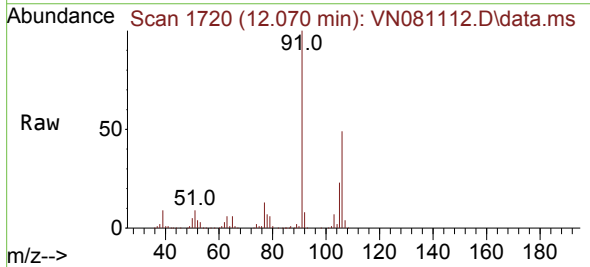
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

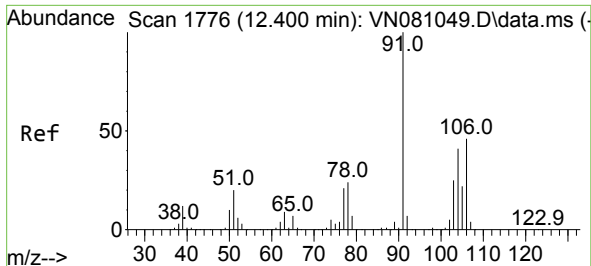
Tgt Ion: 91 Resp: 433016
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6



#68
m/p-Xylenes
Concen: 38.415 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 106 Resp: 326085
Ion Ratio Lower Upper
106 100
91 202.5 169.0 253.6





#69

o-Xylene

Concen: 18.830 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

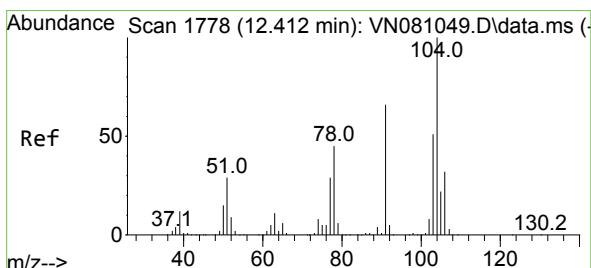
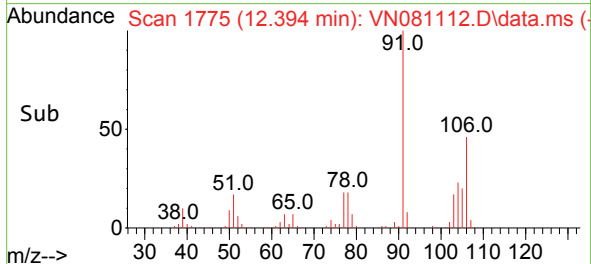
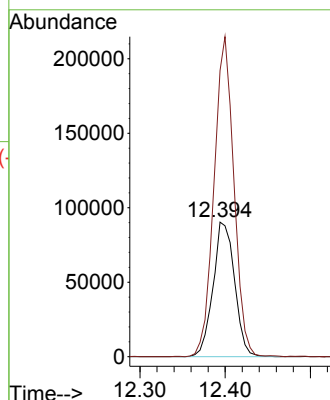
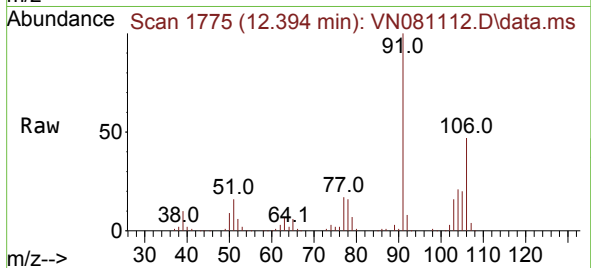
VN0221WBSD01

Tgt Ion:106 Resp: 158442

Ion Ratio Lower Upper

106 100

91 219.7 112.1 336.3



#70

Styrene

Concen: 19.821 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

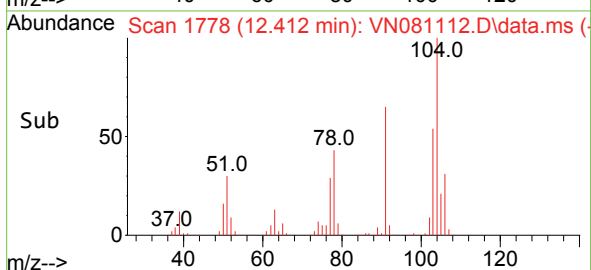
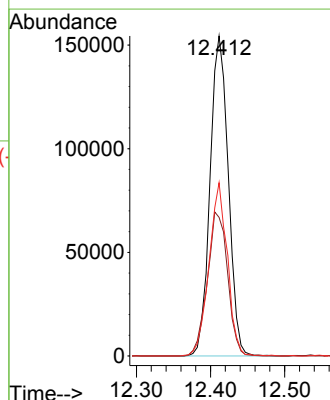
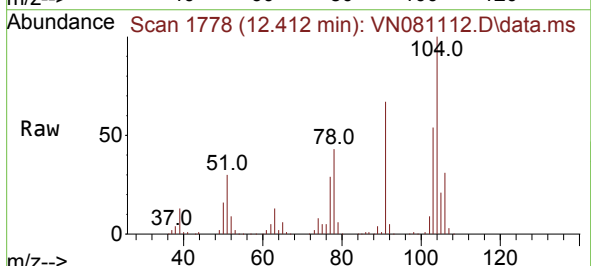
Tgt Ion:104 Resp: 264282

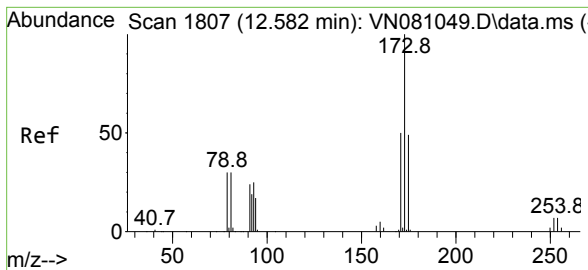
Ion Ratio Lower Upper

104 100

78 49.9 43.8 65.8

103 54.5 44.2 66.2

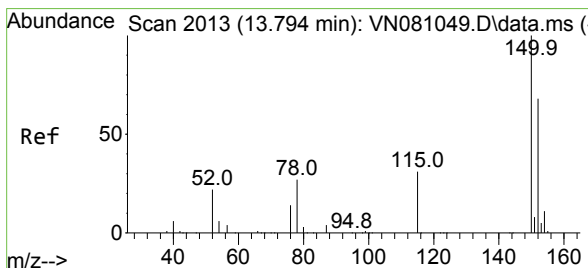
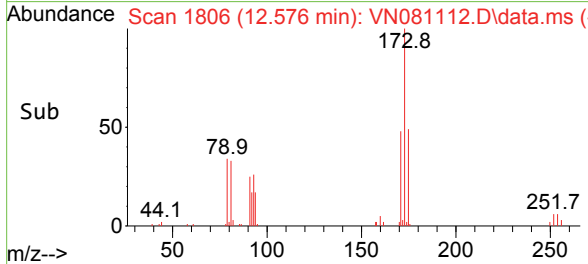
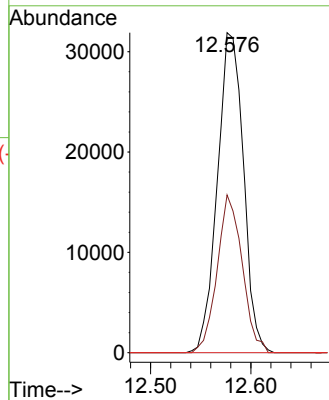
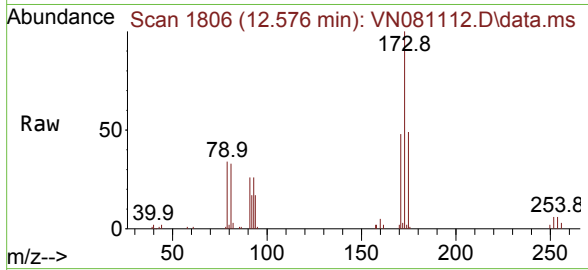




#71
Bromoform
Concen: 20.426 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

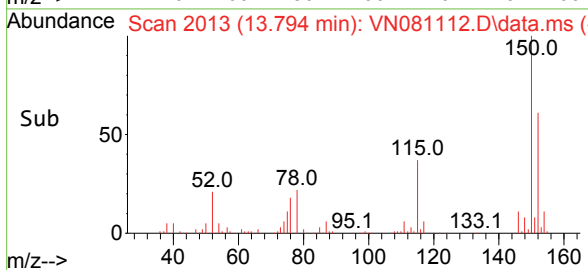
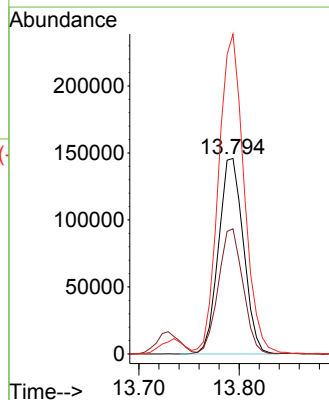
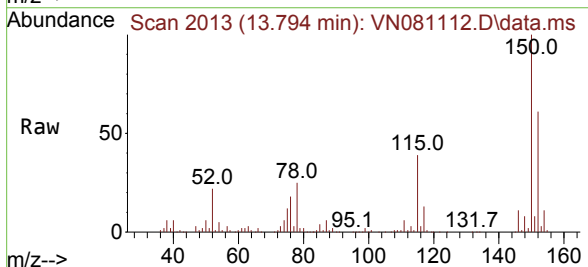
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

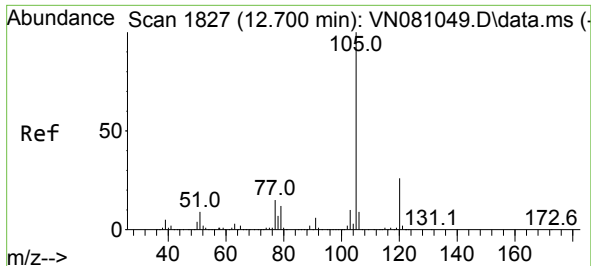
Tgt Ion:173 Resp: 57604
Ion Ratio Lower Upper
173 100
175 47.4 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion:152 Resp: 251706
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 167.2 0.0 339.8

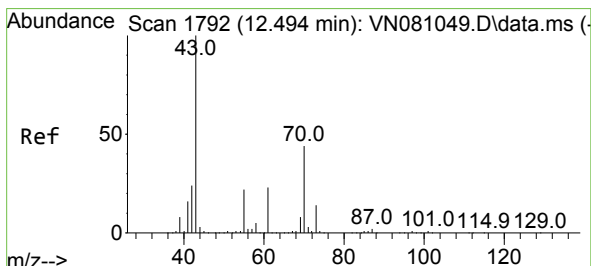
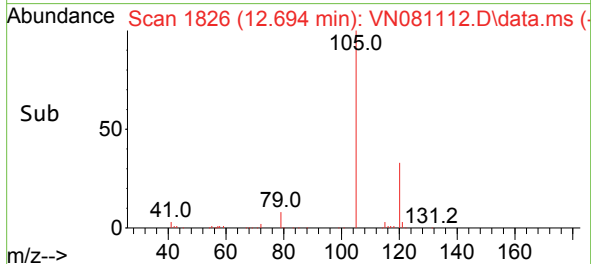
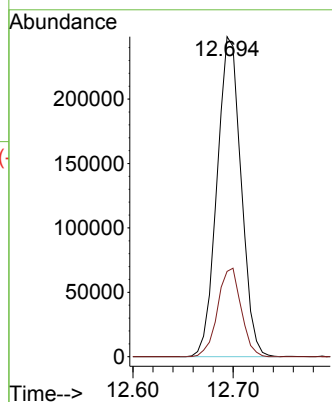
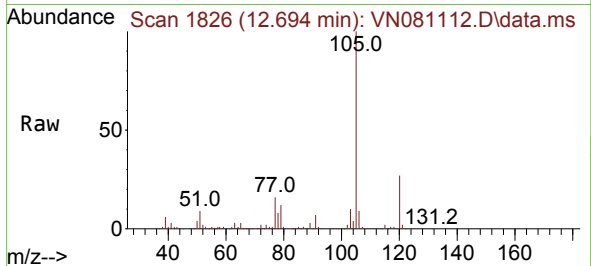




#73
Isopropylbenzene
Concen: 18.811 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

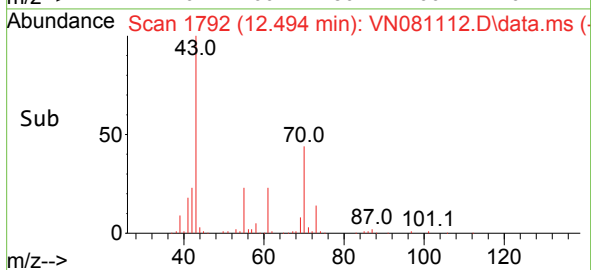
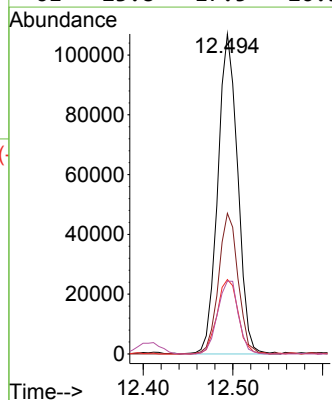
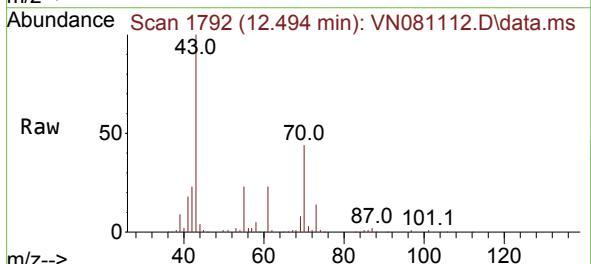
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

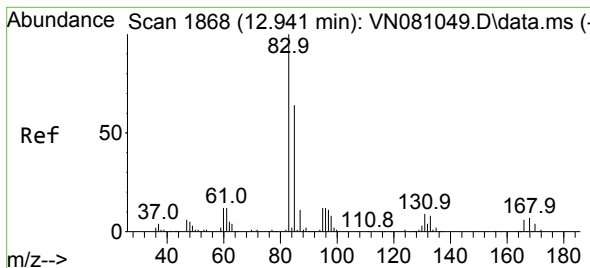
Tgt Ion:105 Resp: 414271
Ion Ratio Lower Upper
105 100
120 27.0 12.6 37.6



#74
N-ethyl acetate
Concen: 17.717 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 43 Resp: 164906
Ion Ratio Lower Upper
43 100
70 43.1 30.1 45.1
55 24.6 17.0 25.4
61 23.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.970 ug/l

RT: 12.935 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

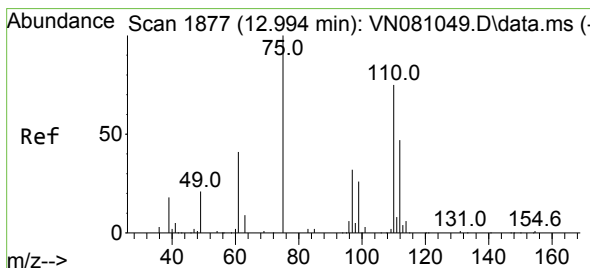
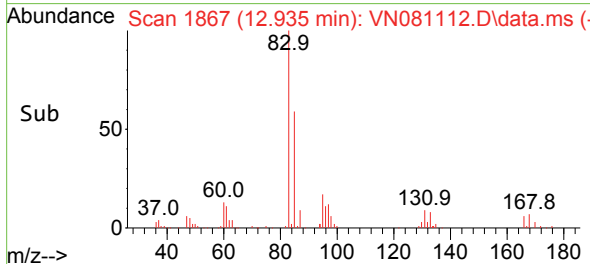
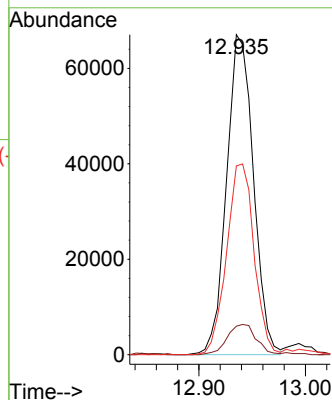
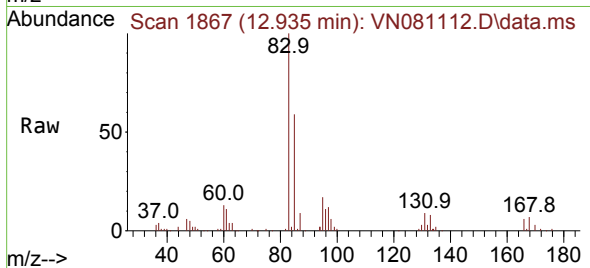
Tgt Ion: 83 Resp: 117470

Ion Ratio Lower Upper

83 100

131 10.2 4.1 12.3

85 60.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 26.336 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081112.D

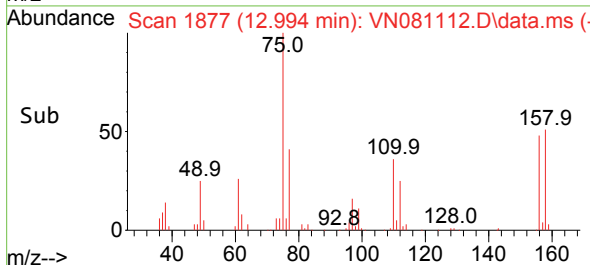
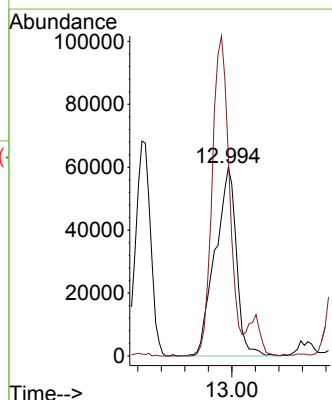
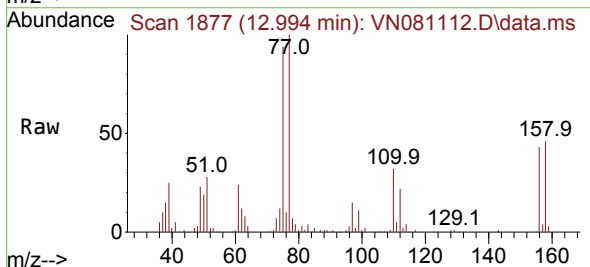
Acq: 21 Feb 2024 12:00

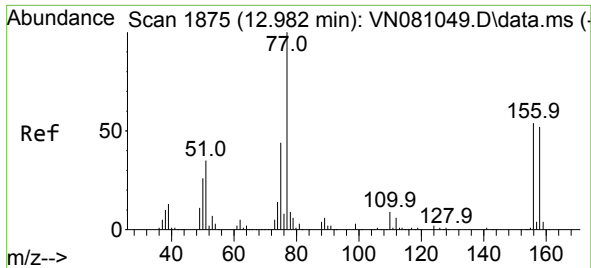
Tgt Ion: 75 Resp: 150613

Ion Ratio Lower Upper

75 100

77 136.5 91.0 272.8

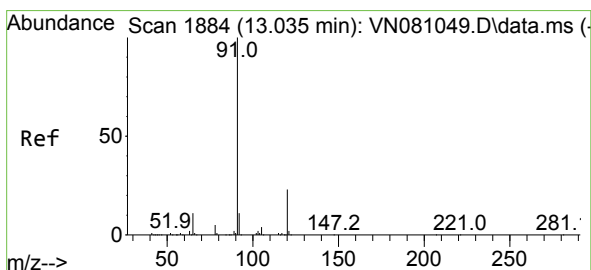
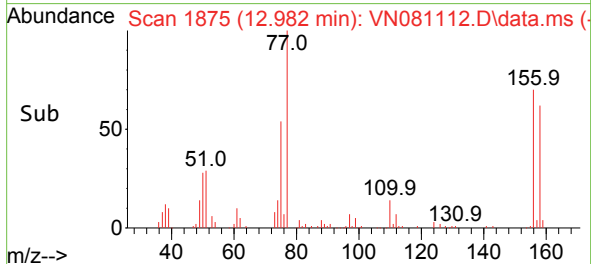
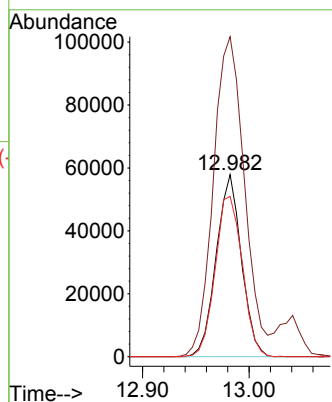
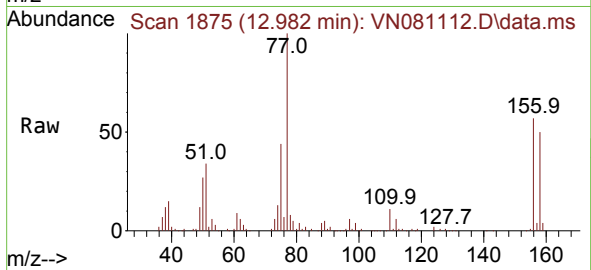




#77
Bromobenzene
Concen: 19.349 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

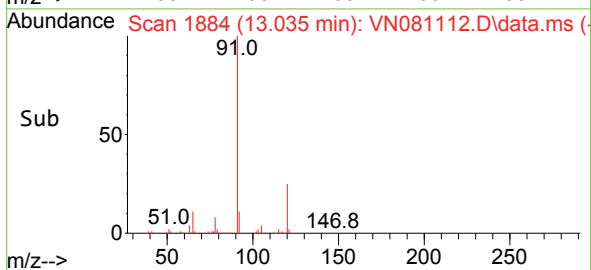
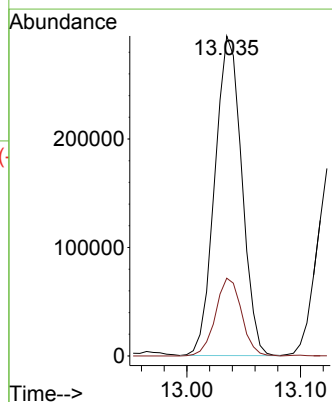
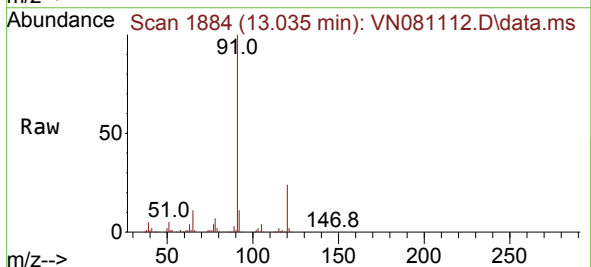
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

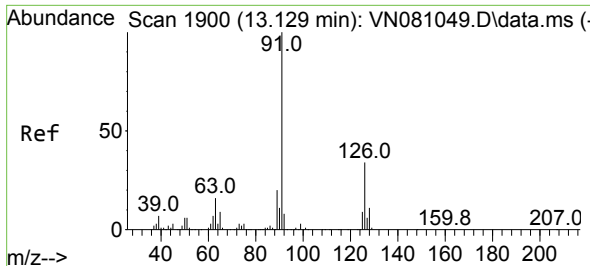
Tgt Ion:156 Resp: 95010
Ion Ratio Lower Upper
156 100
77 216.3 138.1 414.3
158 94.8 46.5 139.5



#78
n-propylbenzene
Concen: 19.160 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 91 Resp: 485734
Ion Ratio Lower Upper
91 100
120 23.5 10.3 30.9

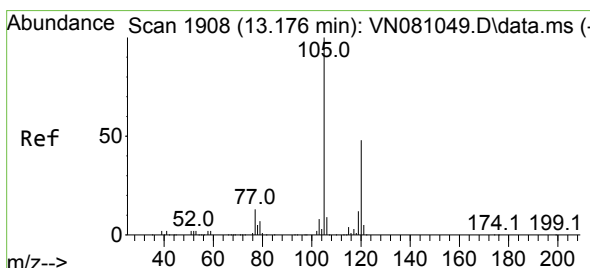
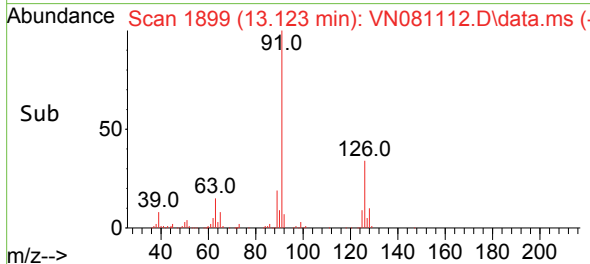
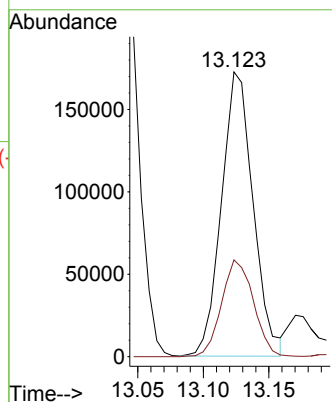
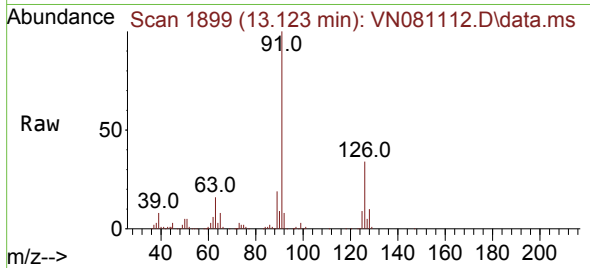




#79
2-Chlorotoluene
Concen: 18.641 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

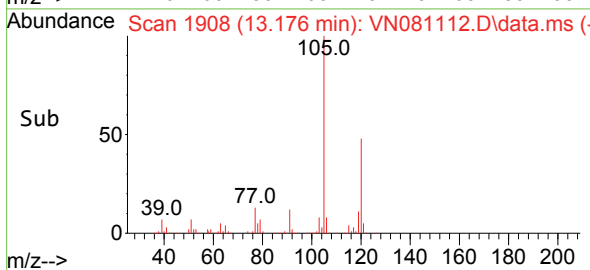
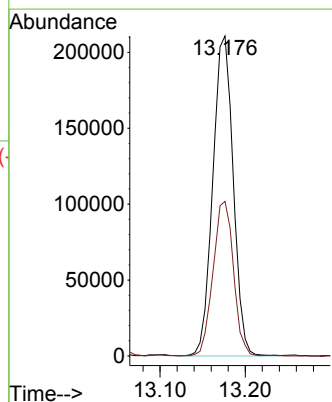
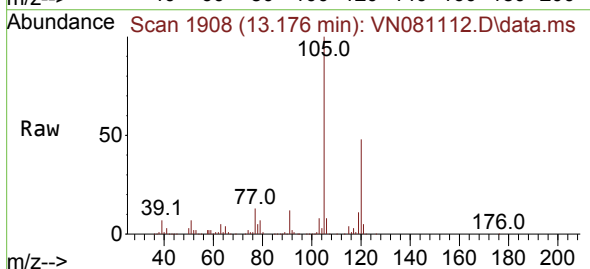
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

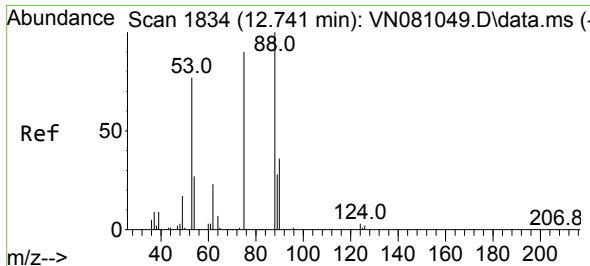
Tgt Ion: 91 Resp: 289865
Ion Ratio Lower Upper
91 100
126 34.3 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 19.671 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 105 Resp: 351243
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0

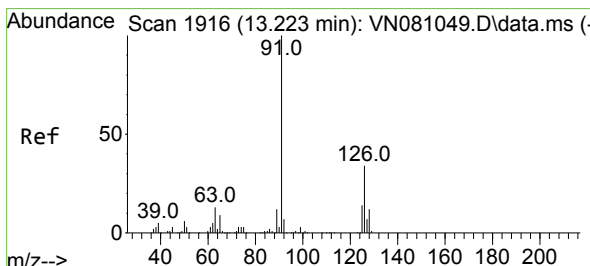
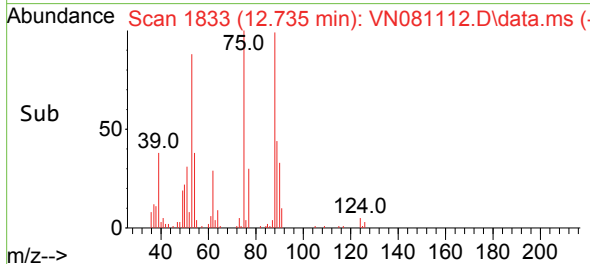
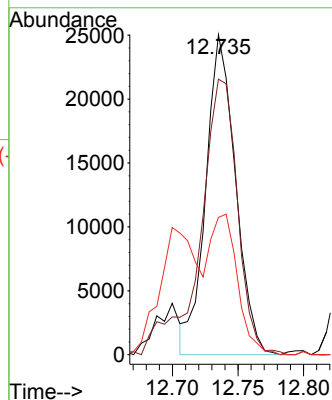
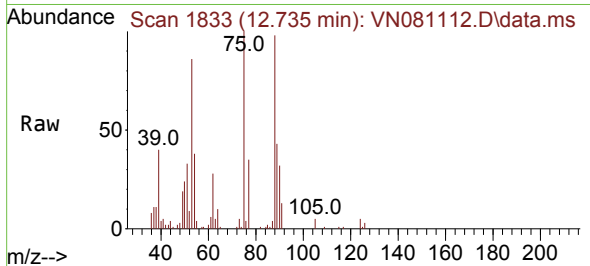




#81
trans-1,4-Dichloro-2-butene
Concen: 17.744 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

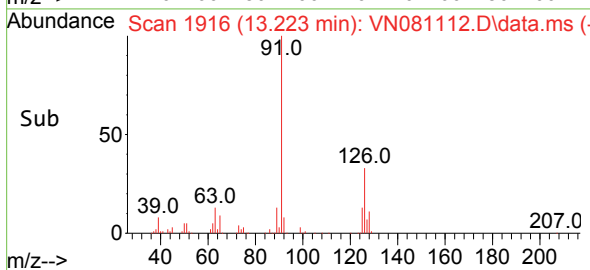
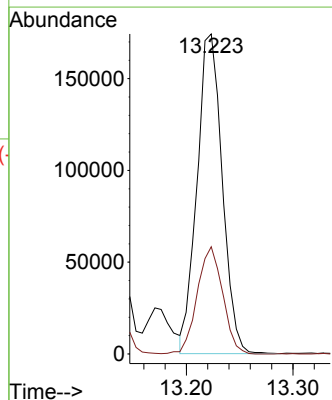
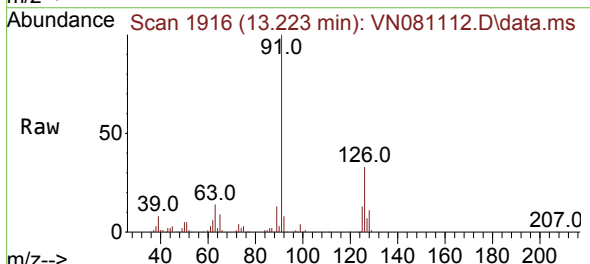
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

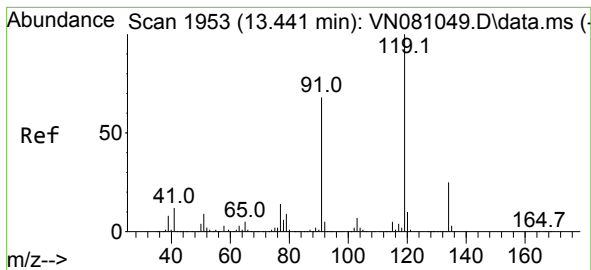
Tgt Ion: 75 Resp: 39424
Ion Ratio Lower Upper
75 100
53 108.9 71.4 107.2#
89 40.6 33.4 50.0



#82
4-Chlorotoluene
Concen: 18.828 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 91 Resp: 286272
Ion Ratio Lower Upper
91 100
126 33.8 15.3 45.9

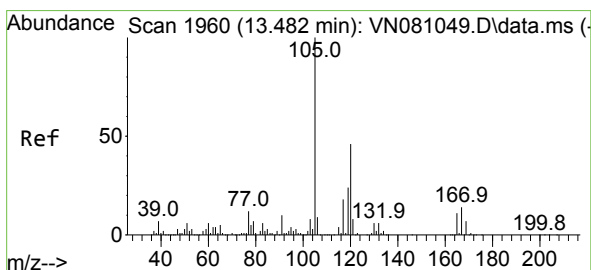
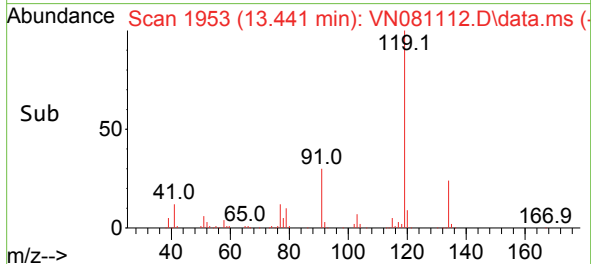
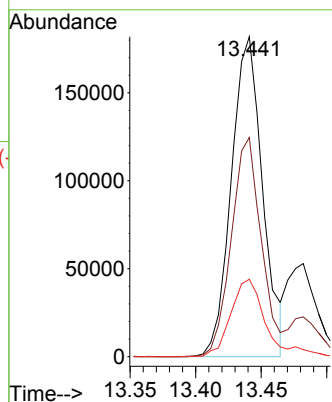
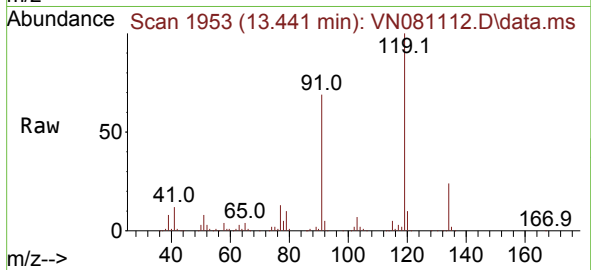




#83
tert-Butylbenzene
Concen: 19.541 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

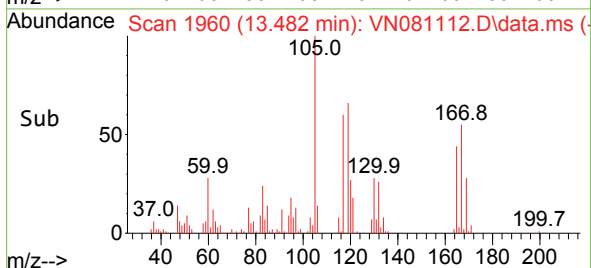
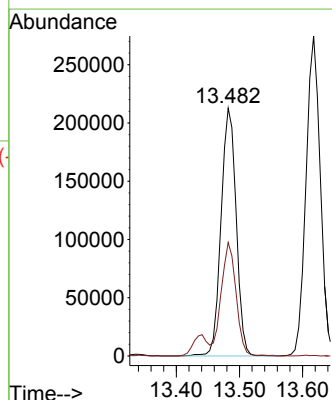
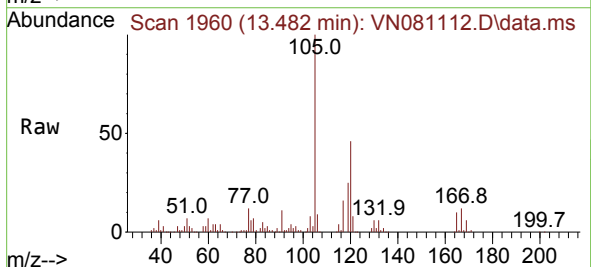
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

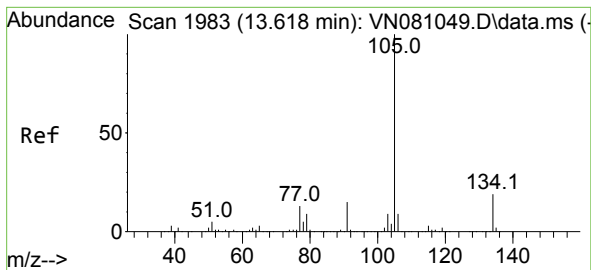
Tgt Ion:119 Resp: 301704
Ion Ratio Lower Upper
119 100
91 65.9 36.8 110.4
134 27.1 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.901 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion:105 Resp: 354099
Ion Ratio Lower Upper
105 100
120 45.2 20.9 62.7





#85

sec-Butylbenzene

Concen: 20.020 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

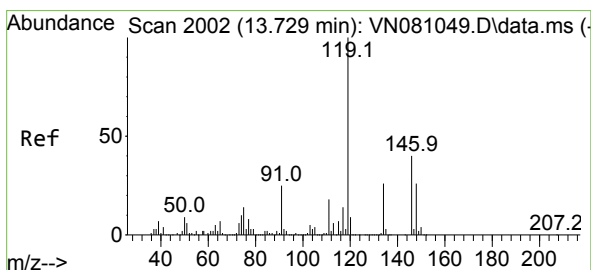
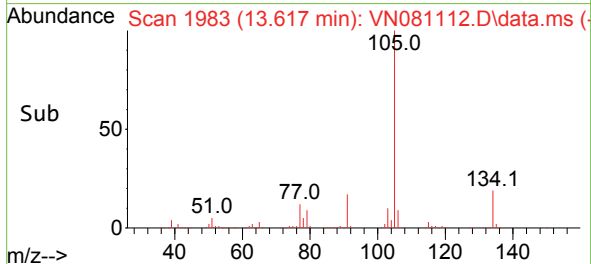
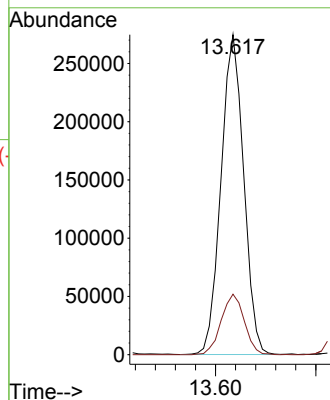
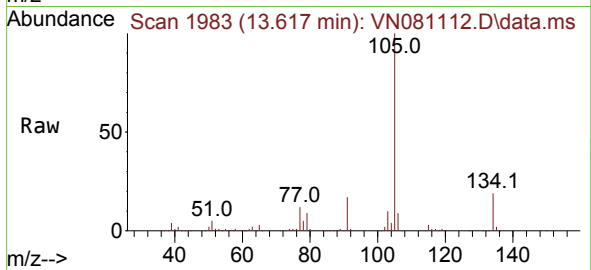
VN0221WBSD01

Tgt Ion:105 Resp: 429704

Ion Ratio Lower Upper

105 100

134 19.3 8.6 25.8



#86

p-Isopropyltoluene

Concen: 19.789 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

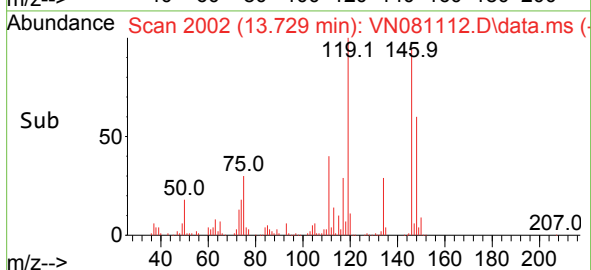
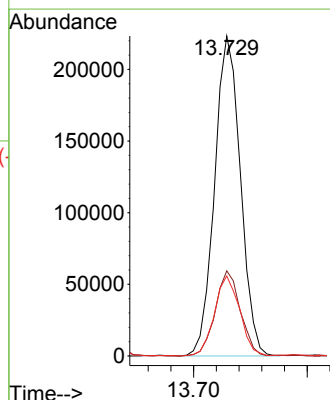
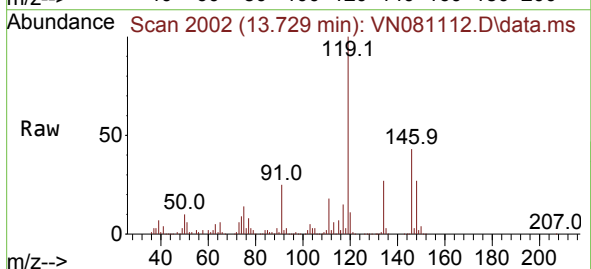
Tgt Ion:119 Resp: 352814

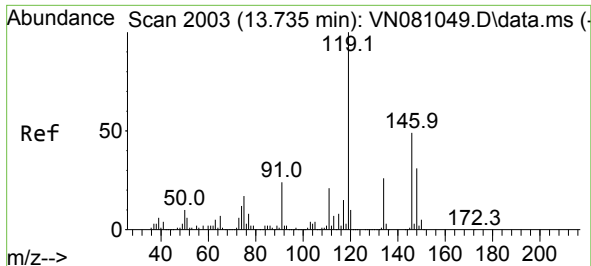
Ion Ratio Lower Upper

119 100

134 26.0 12.4 37.2

91 24.5 13.5 40.4

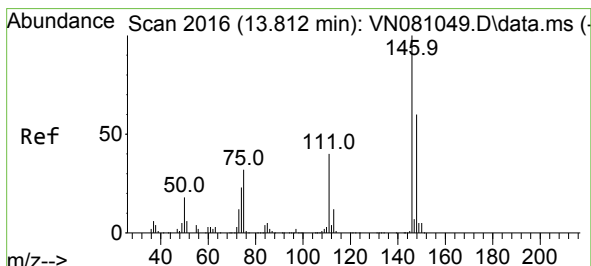
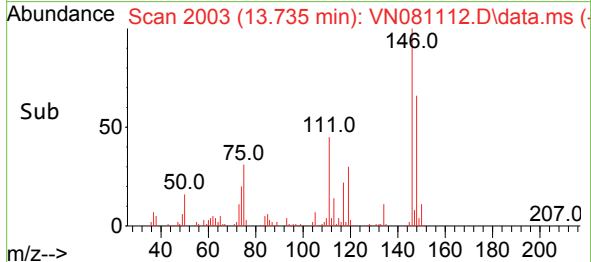
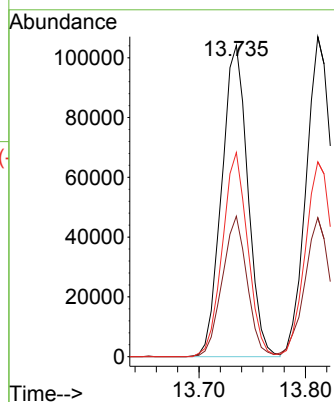
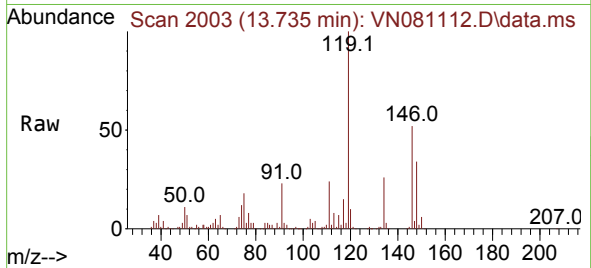




#87
 1,3-Dichlorobenzene
 Concen: 19.108 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081112.D
 Acq: 21 Feb 2024 12:00

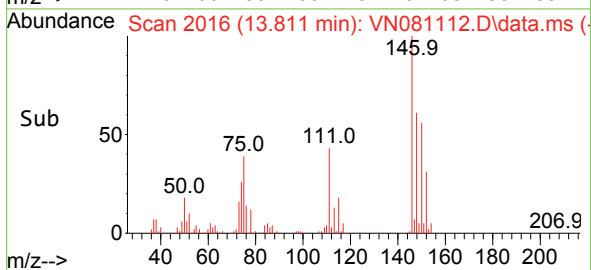
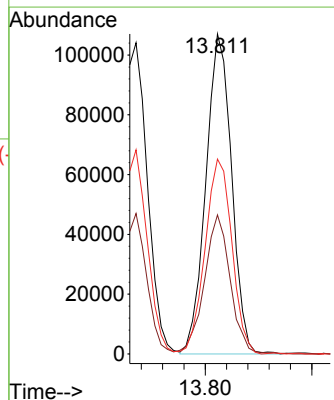
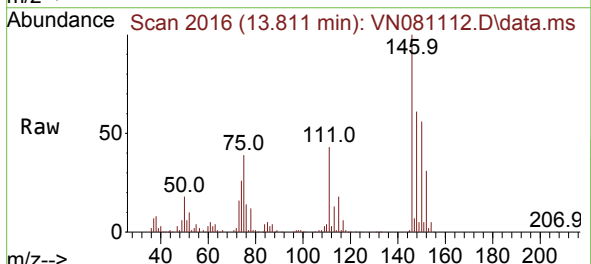
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

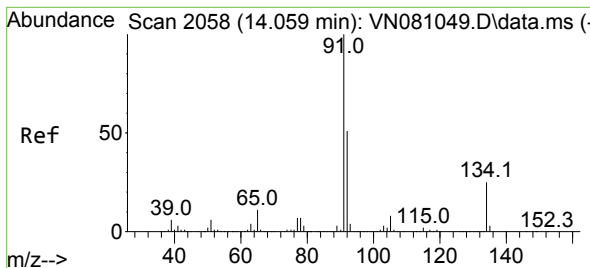
Tgt Ion:146 Resp: 177282
 Ion Ratio Lower Upper
 146 100
 111 42.9 23.9 71.7
 148 63.4 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 19.701 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081112.D
 Acq: 21 Feb 2024 12:00

Tgt Ion:146 Resp: 179612
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.6 67.7
 148 63.3 31.9 95.5





#89

n-Butylbenzene

Concen: 20.297 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

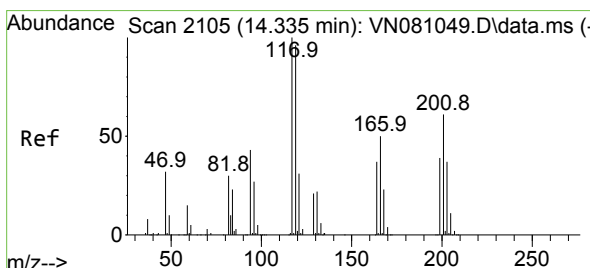
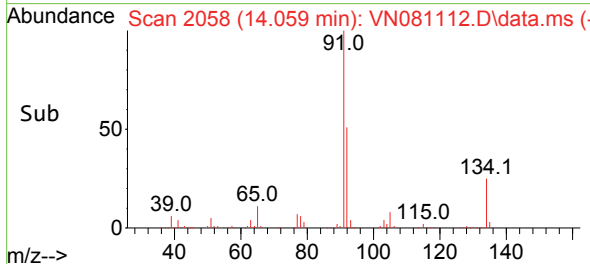
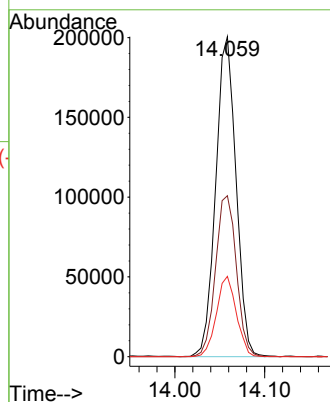
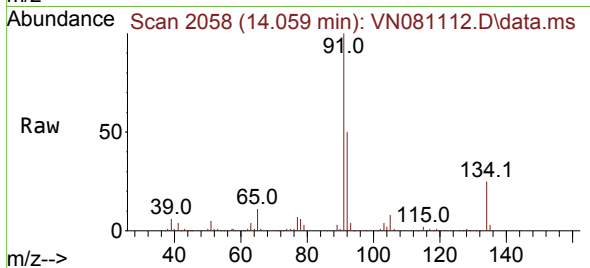
Tgt Ion: 91 Resp: 315248

Ion Ratio Lower Upper

91 100

92 51.7 26.7 80.1

134 24.7 10.8 32.4



#90

Hexachloroethane

Concen: 19.184 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081112.D

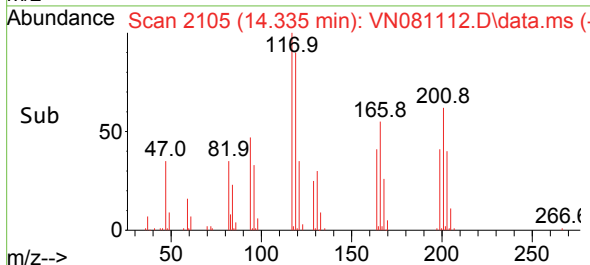
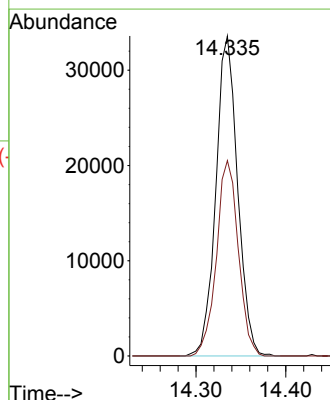
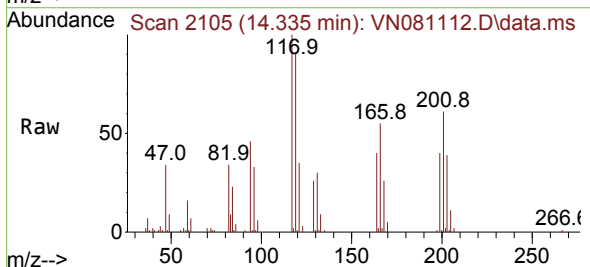
Acq: 21 Feb 2024 12:00

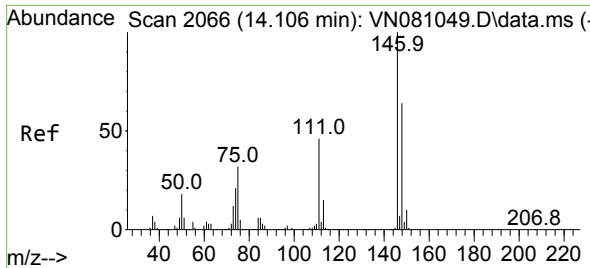
Tgt Ion: 117 Resp: 56534

Ion Ratio Lower Upper

117 100

201 61.4 30.0 90.0

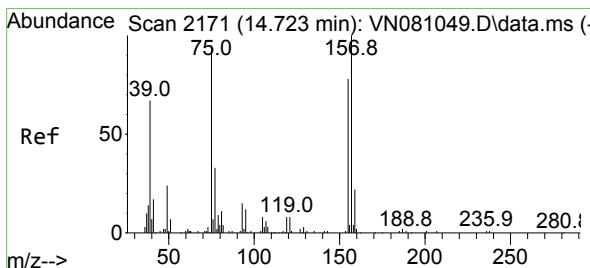
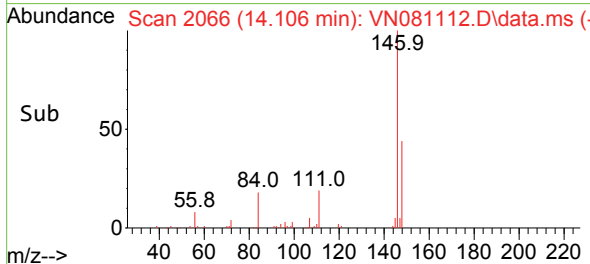
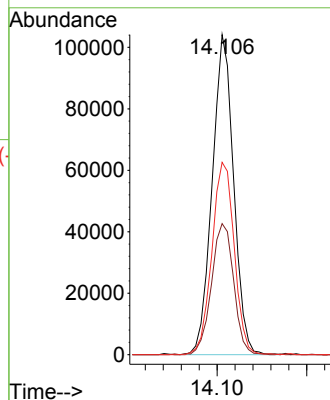
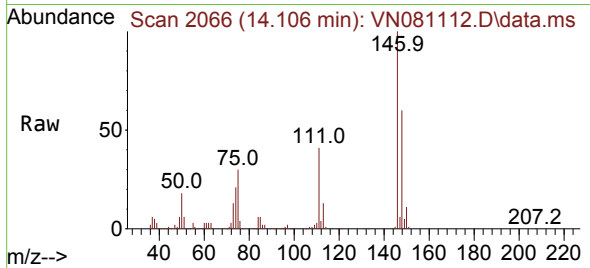




#91
1,2-Dichlorobenzene
Concen: 19.266 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

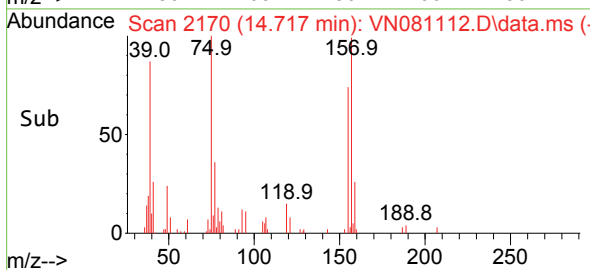
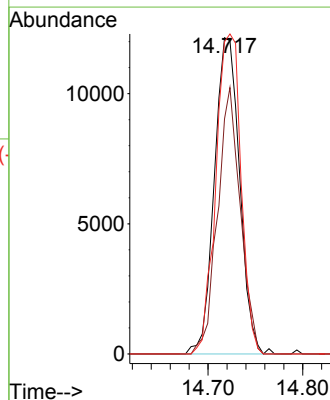
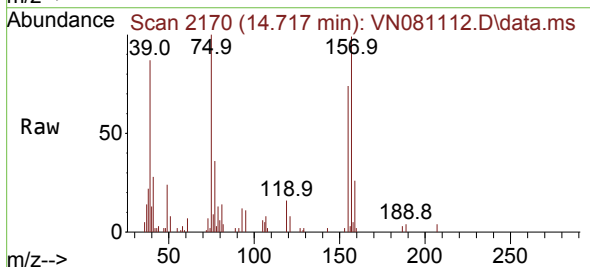
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

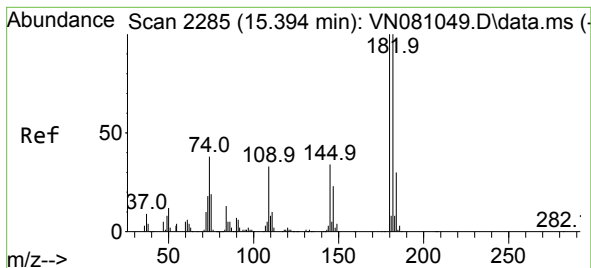
Tgt Ion:146 Resp: 172402
Ion Ratio Lower Upper
146 100
111 42.6 23.9 71.8
148 62.8 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.434 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081112.D
Acq: 21 Feb 2024 12:00

Tgt Ion: 75 Resp: 22446
Ion Ratio Lower Upper
75 100
155 76.5 31.8 95.4
157 101.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.007 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

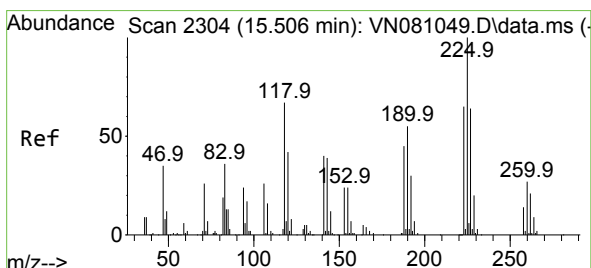
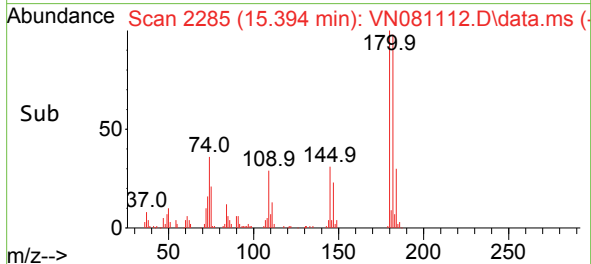
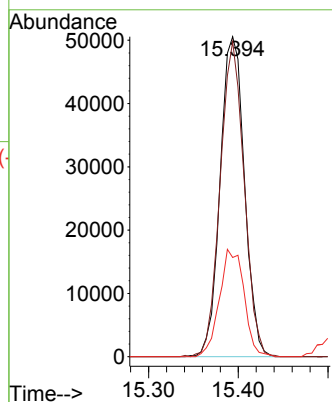
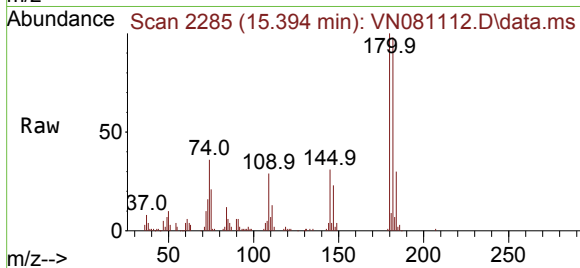
Tgt Ion:180 Resp: 94890

Ion Ratio Lower Upper

180 100

182 96.9 46.6 139.7

145 34.0 16.8 50.3



#94

Hexachlorobutadiene

Concen: 20.408 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

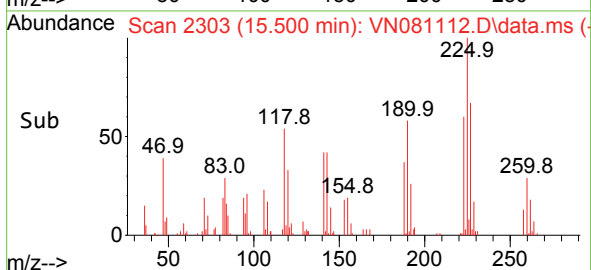
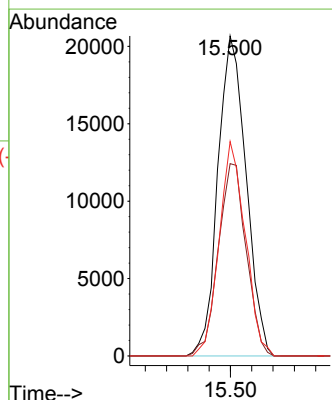
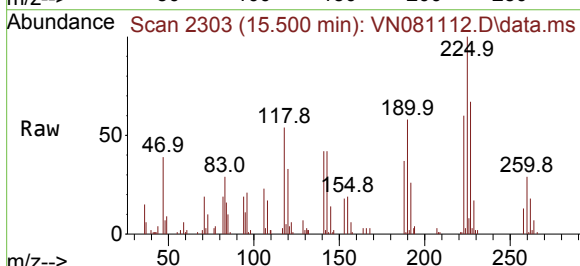
Tgt Ion:225 Resp: 37997

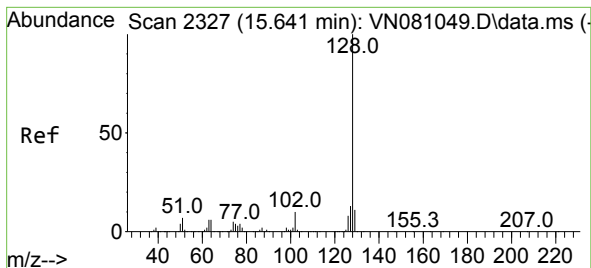
Ion Ratio Lower Upper

225 100

223 59.5 33.3 99.8

227 62.1 33.1 99.2





#95

Naphthalene

Concen: 17.994 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

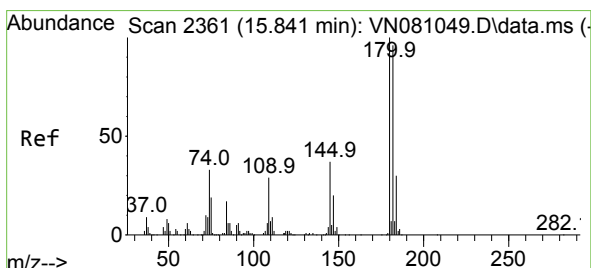
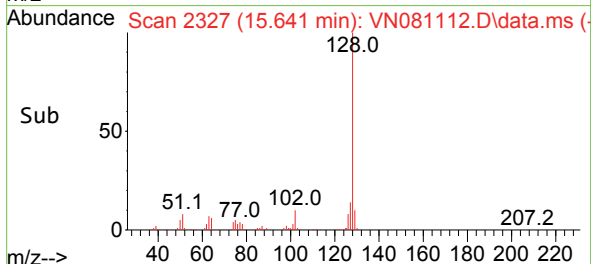
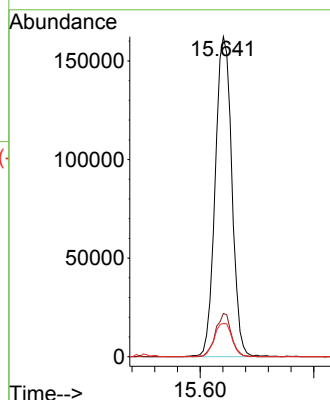
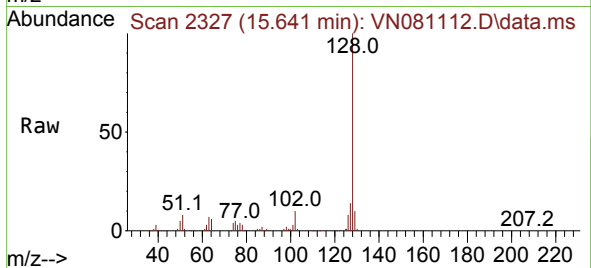
Tgt Ion:128 Resp: 329191

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.407 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081112.D

Acq: 21 Feb 2024 12:00

Tgt Ion:180 Resp: 96115

Ion Ratio Lower Upper

180 100

182 94.0 46.5 139.3

145 36.6 17.8 53.4

