

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082088.D
 Acq On : 13 May 2024 11:37
 Operator : JC\MD
 Sample : VN0513WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01

Quant Time: May 14 03:29:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	13220	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	9.100	114	163309	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	142004	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	70232	63.453	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	211.500%#
60) 4-Bromofluorobenzene	12.847	95	68009	28.778	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.933%
63) Toluene-d8	10.571	98	208601	30.932	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31805	42.383	ug/l	100
3) Chloromethane	2.359	50	38042	43.712	ug/l	96
4) Vinyl Chloride	2.512	62	39359	47.875	ug/l	93
5) Bromomethane	2.965	94	19230	44.826	ug/l	96
6) Chloroethane	3.124	64	23323	50.099	ug/l	95
7) Trichlorofluoromethane	3.500	101	51719	42.992	ug/l	91
8) Diethyl Ether	3.959	74	25156	43.197	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	36848	44.680	ug/l	55
10) 1,1-Dichloroethene	4.347	96	34867	43.215	ug/l	85
11) Methyl Iodide	4.589	142	31340	42.503	ug/l	87
12) Methyl Acetate	5.024	43	58638	58.040	ug/l #	72
13) Acrolein	4.177	56	59682	277.954	ug/l	97
14) Acrylonitrile	5.724	53	114352	248.001	ug/l	92
15) Acetone	4.424	58	27347	264.674	ug/l	90
16) Carbon Disulfide	4.712	76	79219	35.439	ug/l #	91
17) Allyl chloride	5.024	41	67214	47.448	ug/l	93
18) Methylene Chloride	5.277	84	41513	45.220	ug/l #	89
19) trans-1,2-Dichloroethene	5.783	96	36220	43.127	ug/l	93
20) Diisopropyl ether	6.671	45	151098	48.210	ug/l #	94
21) 1,1-Dichloroethane	6.571	63	79194	47.720	ug/l	96
22) cis-1,2-Dichloroethene	7.482	96	47192	46.111	ug/l	91
23) tert-Butyl Alcohol	5.506	59	23190	122.099	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	125742	43.227	ug/l #	85
25) Chloroform	7.965	83	75113	47.046	ug/l	99
26) Cyclohexane	8.259	56	64265	44.781	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	49433	20.332	ug/l	95
30) 2-Butanone	7.482	43	153656	122.606	ug/l	93
31) 2,2-Dichloropropane	7.488	77	66051	26.510	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	58524	20.930	ug/l #	90
33) Carbon Tetrachloride	8.365	117	44872	19.774	ug/l	98
34) Benzene	8.600	78	170275	21.953	ug/l #	92
35) Methacrylonitrile	7.777	41	36202	22.833	ug/l	91
36) 1,2-Dichloroethane	8.671	62	58446	22.447	ug/l	100
37) Trichloroethene	9.353	130	36076	18.990	ug/l	99
38) Methylcyclohexane	9.606	83	60176	20.489	ug/l	97
39) 1,2-Dichloropropane	9.624	63	47400	23.817	ug/l	95
40) Dibromomethane	9.712	93	27841	21.776	ug/l	86
41) Bromodichloromethane	9.888	83	58406	21.373	ug/l #	95
42) Vinyl Acetate	6.606	43	580448	108.815	ug/l	95

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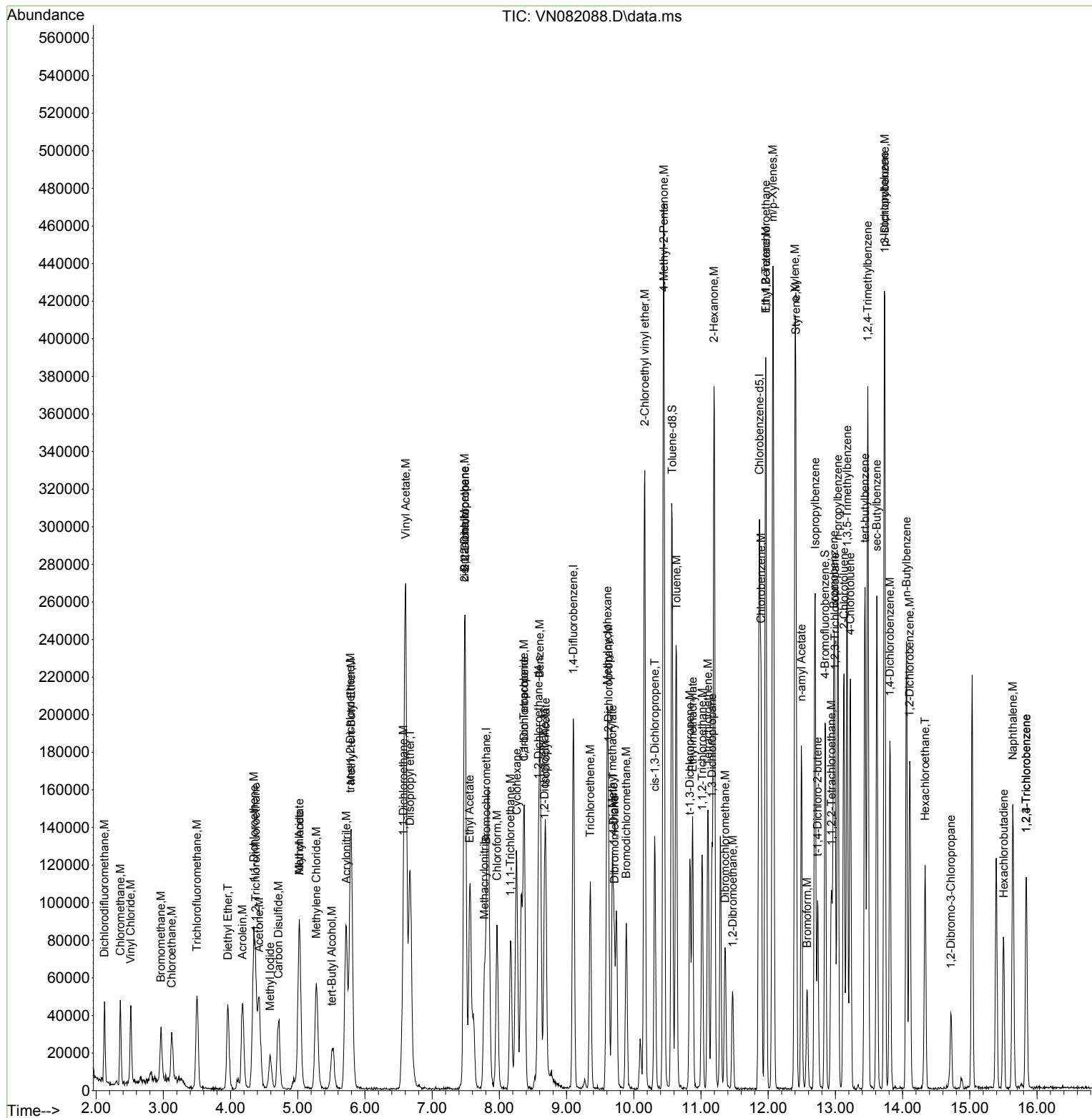
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	60069	21.983	ug/l	97
44) Isopropyl Acetate	8.688	43	126875	26.154	ug/l #	84
45) 1,4-Dioxane	9.700	88	17400	447.253	ug/l #	34
46) Methyl methacrylate	9.682	41	49911	22.520	ug/l	89
47) n-amyl Acetate	12.494	43	97091	22.190	ug/l #	88
48) t-1,3-Dichloropropene	10.835	75	64066	21.619	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	69140	22.067	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	40400	23.291	ug/l	95
51) Ethyl methacrylate	10.876	69	69388	21.195	ug/l	70
52) 1,3-Dichloropropane	11.165	76	70496	22.121	ug/l	98
53) Dibromochloromethane	11.359	129	39424	20.890	ug/l	97
54) 1,2-Dibromoethane	11.470	107	34968	20.214	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	151331	92.441	ug/l #	93
56) Bromoform	12.582	173	20436	17.792	ug/l #	95
58) 4-Methyl-2-Pentanone	10.447	43	335058	121.517	ug/l #	85
59) 2-Hexanone	11.194	43	253590	124.043	ug/l #	86
61) Tetrachloroethene	11.106	164	30143	19.130	ug/l	87
62) Toluene	10.635	91	176154	22.047	ug/l	100
64) Chlorobenzene	11.894	112	105299	21.547	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	33575	20.991	ug/l	96
66) Ethyl Benzene	11.965	91	191075	21.817	ug/l	95
67) m/p-Xylenes	12.070	106	137853	42.453	ug/l	97
68) o-Xylene	12.400	106	67097	20.885	ug/l	97
69) Styrene	12.412	104	116096	21.527	ug/l	98
70) Isopropylbenzene	12.700	105	177874	21.800	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	53269	22.687	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	77791	35.437	ug/l	61
73) Bromobenzene	12.976	156	35355	20.242	ug/l	72
74) n-propylbenzene	13.035	91	215816	22.419	ug/l	98
75) 2-Chlorotoluene	13.129	91	129049	21.670	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	144516	21.882	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	20936	21.428	ug/l	88
78) 4-Chlorotoluene	13.223	91	127275	21.815	ug/l	98
79) tert-butylbenzene	13.441	119	117726	20.703	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	142773	21.522	ug/l	99
81) sec-Butylbenzene	13.617	105	176736	22.173	ug/l	97
82) p-Isopropyltoluene	13.729	119	141521	22.453	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	68201	21.686	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	64657	20.454	ug/l	94
85) n-Butylbenzene	14.059	91	135963	23.615	ug/l	96
86) Hexachloroethane	14.335	117	25390	20.203	ug/l	78
87) 1,2-Dichlorobenzene	14.106	146	66898	21.357	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10488	19.905	ug/l #	84
89) 1,2,4-Trichlorobenzene	15.841	180	32281	18.716	ug/l	96
90) Hexachlorobutadiene	15.506	225	12219	19.129	ug/l	93
91) Naphthalene	15.641	128	127250	19.408	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	32281	18.716	ug/l	96

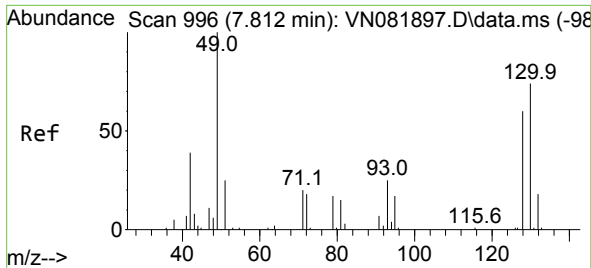
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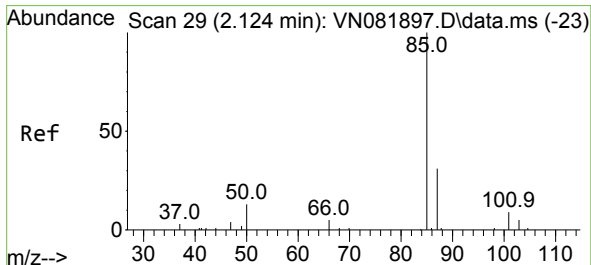
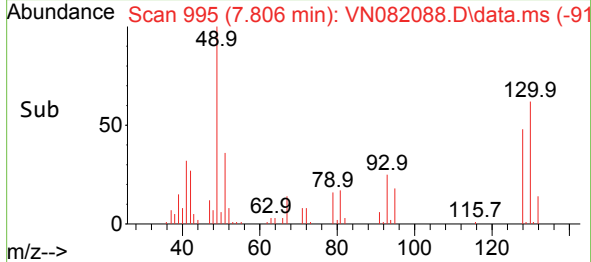
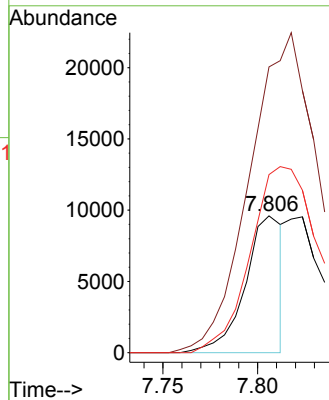
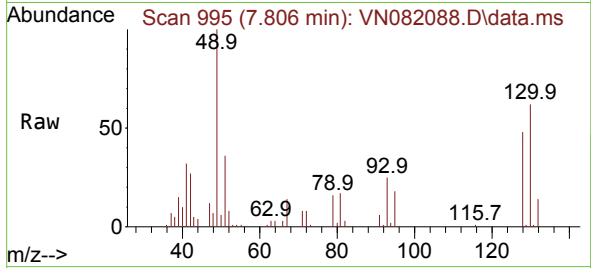




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.806 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN082088.D
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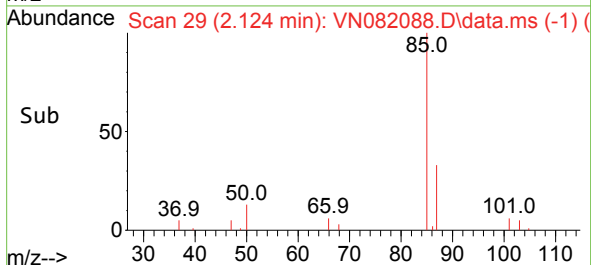
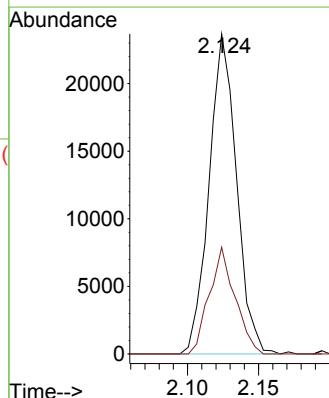
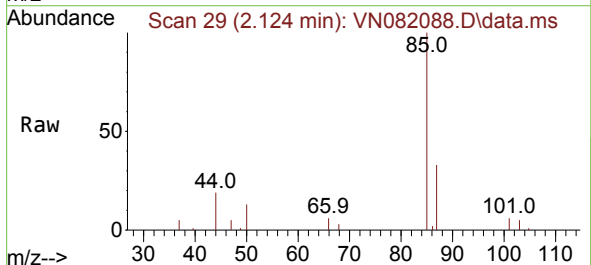
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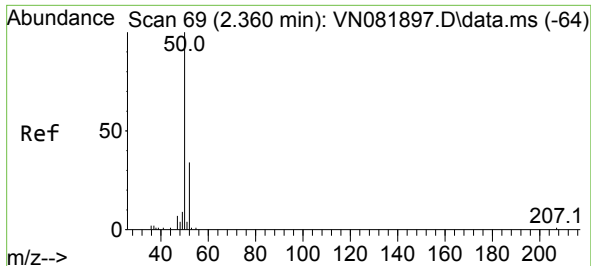
Tgt Ion:128 Resp: 13220
 Ion Ratio Lower Upper
 128 100
 49 431.6 0.0 403.7#
 130 249.1 0.0 323.3



#2
 Dichlorodifluoromethane
 Concen: 42.383 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

Tgt Ion: 85 Resp: 31805
 Ion Ratio Lower Upper
 85 100
 87 33.4 16.8 50.3

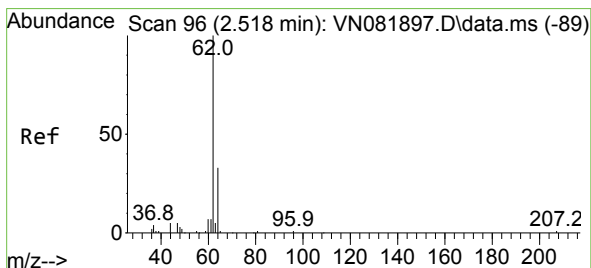
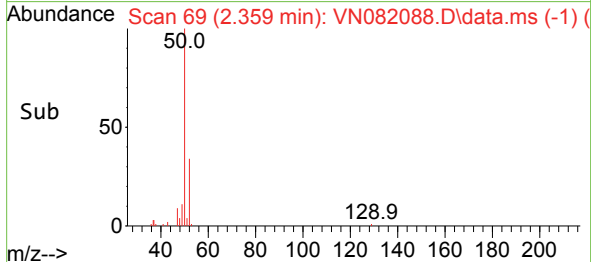
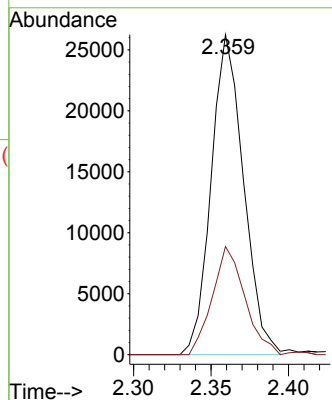
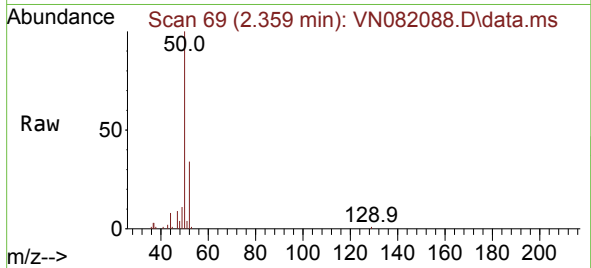




#3
Chloromethane
Concen: 43.712 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

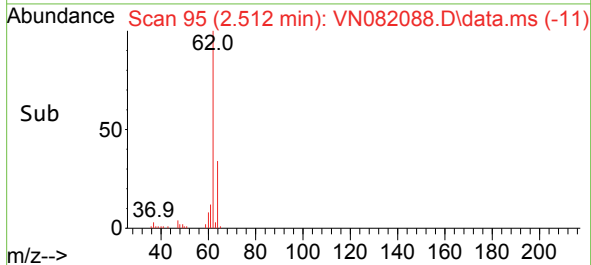
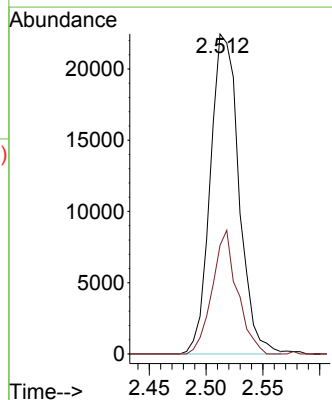
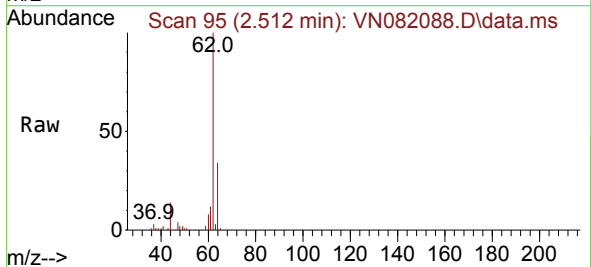
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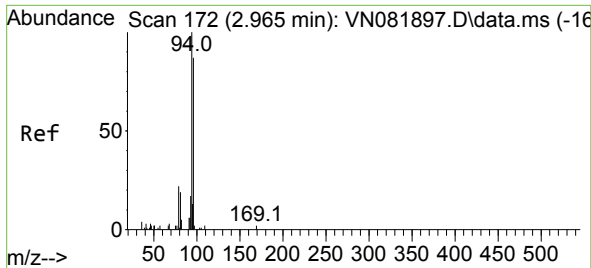
Tgt Ion: 50 Resp: 38042
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.0



#4
Vinyl Chloride
Concen: 47.875 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 62 Resp: 39359
Ion Ratio Lower Upper
62 100
64 33.9 24.1 36.1

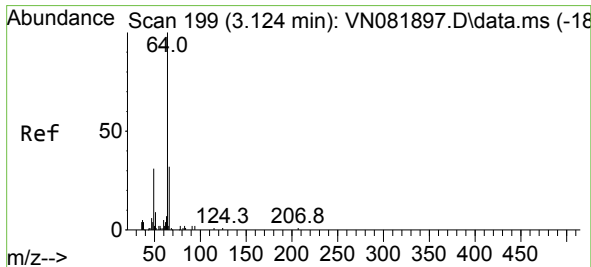
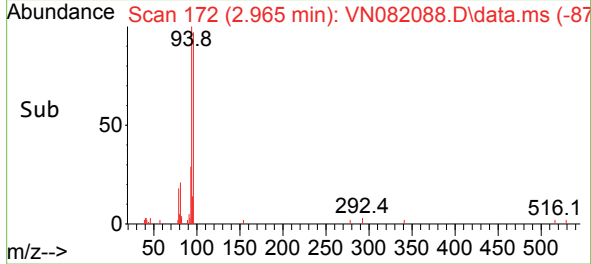
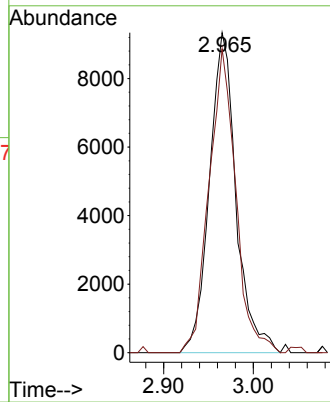
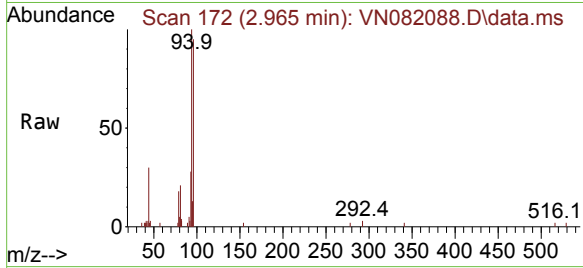




#5
Bromomethane
Concen: 44.826 ug/l
RT: 2.965 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

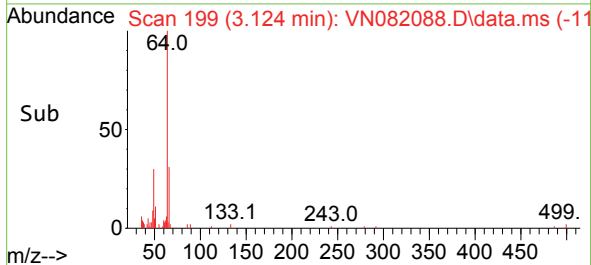
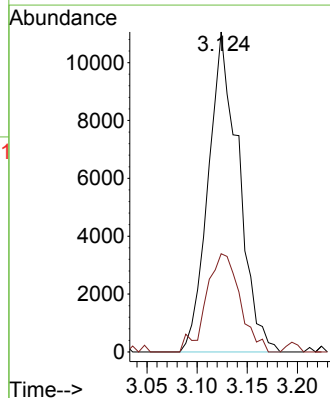
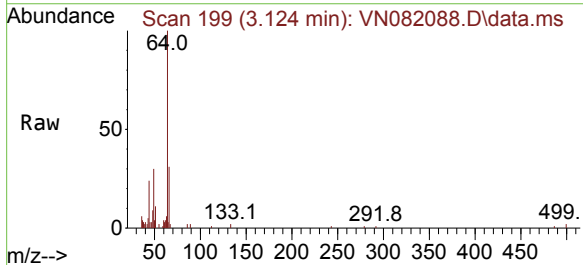
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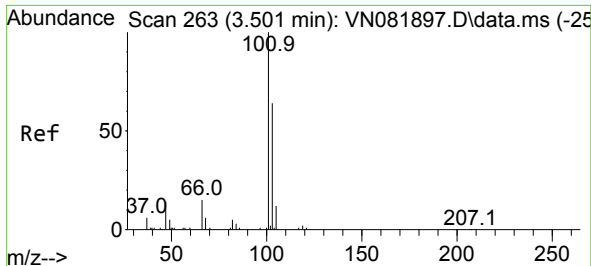
Tgt Ion: 94 Resp: 19230
Ion Ratio Lower Upper
94 100
96 95.0 72.8 109.2



#6
Chloroethane
Concen: 50.099 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082088.D
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Tgt Ion: 64 Resp: 23323
Ion Ratio Lower Upper
64 100
66 30.7 26.7 40.1

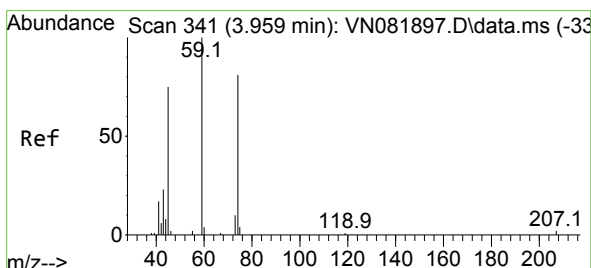
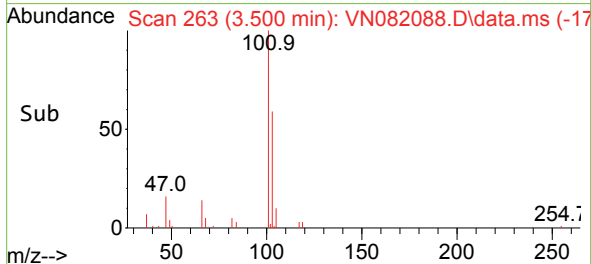
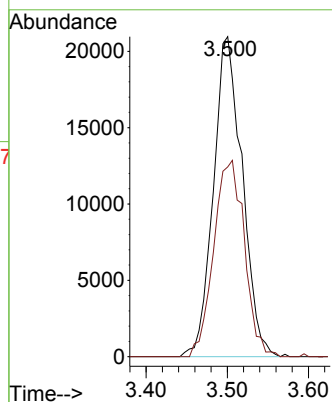
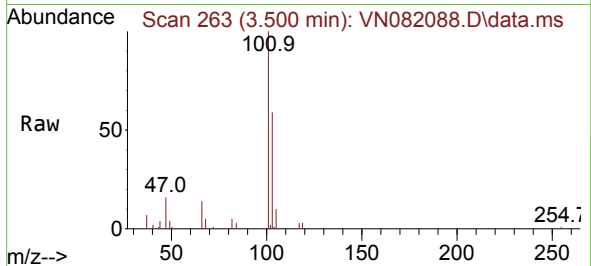




#7
 Trichlorofluoromethane
 Concen: 42.992 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN082088.D
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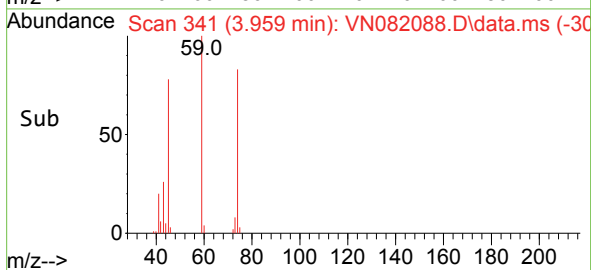
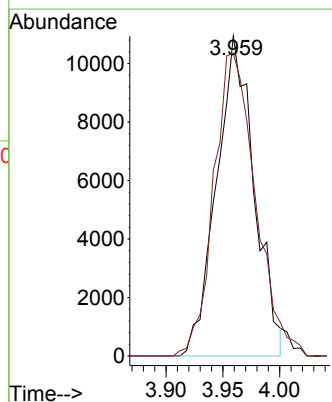
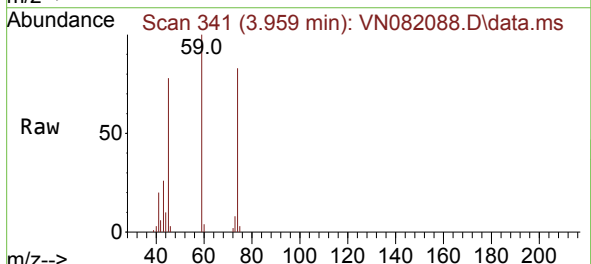
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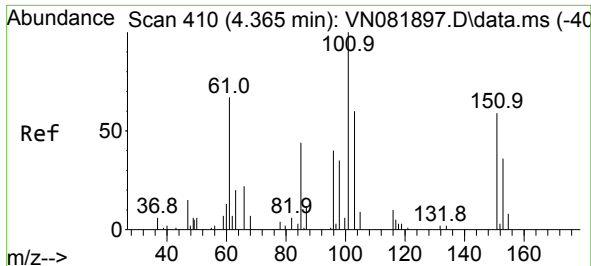
Tgt Ion:101 Resp: 51719
 Ion Ratio Lower Upper
 101 100
 103 59.3 53.0 79.4



#8
 Diethyl Ether
 Concen: 43.197 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

Tgt Ion: 74 Resp: 25156
 Ion Ratio Lower Upper
 74 100
 45 105.3 16.4 147.4

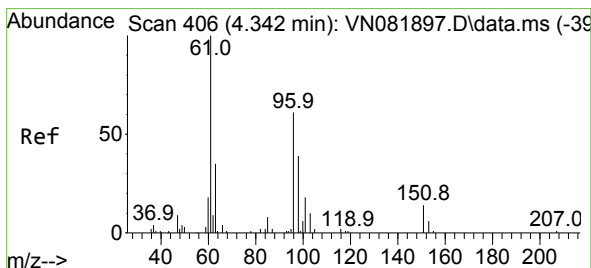
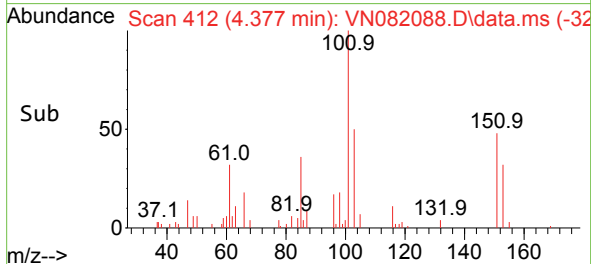
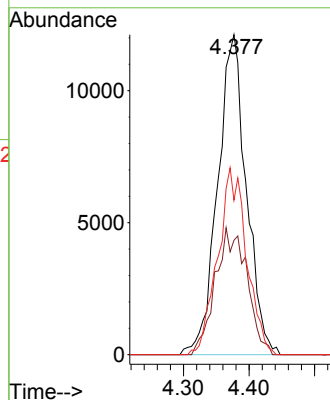
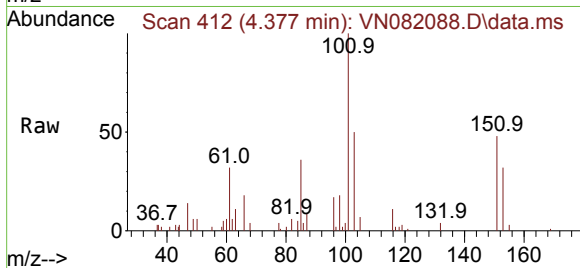




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.680 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN082088.D
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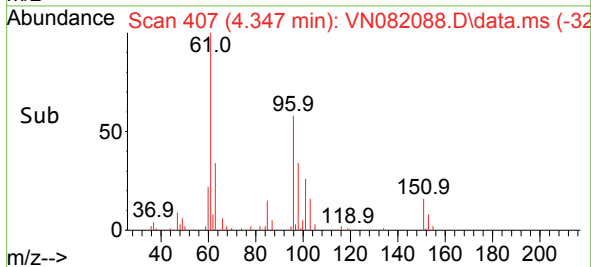
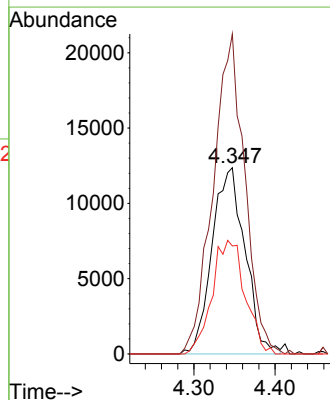
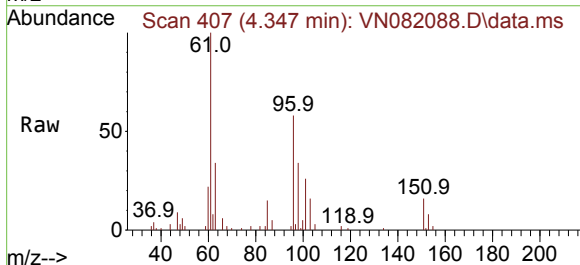
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

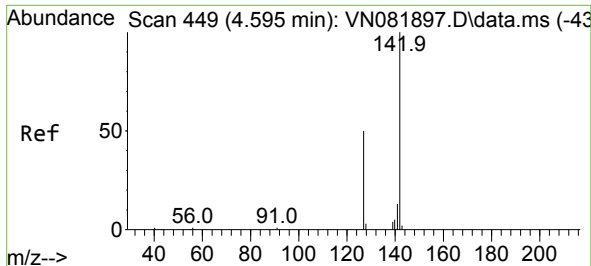
Tgt Ion:101 Resp: 36848
Ion Ratio Lower Upper
101 100
85 21.5 0.0 90.6
151 34.6 0.0 157.6



#10
1,1-Dichloroethene
Concen: 43.215 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 96 Resp: 34867
Ion Ratio Lower Upper
96 100
61 171.8 117.6 176.4
98 58.0 48.4 72.6

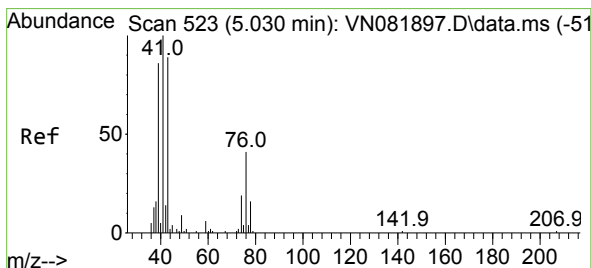
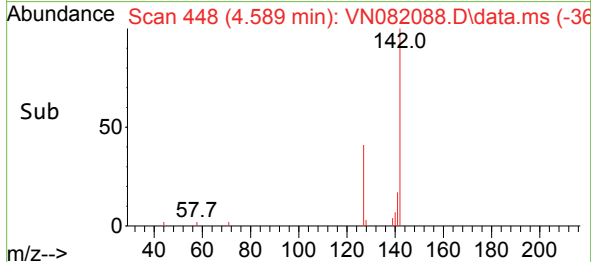
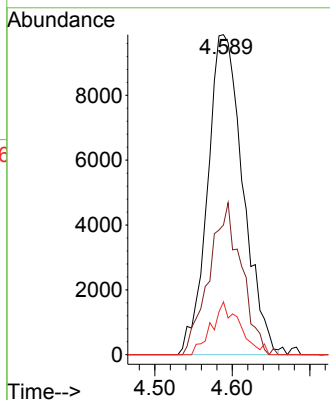
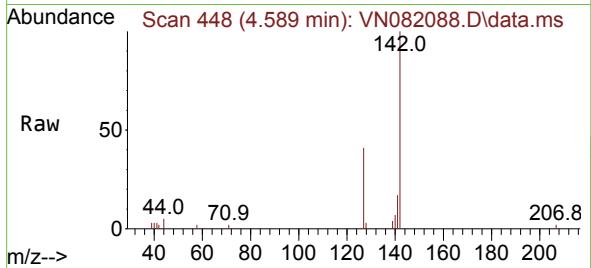




#11
Methyl Iodide
Concen: 42.503 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

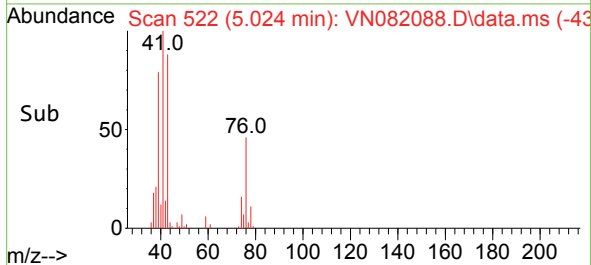
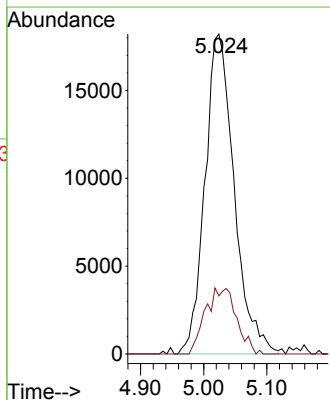
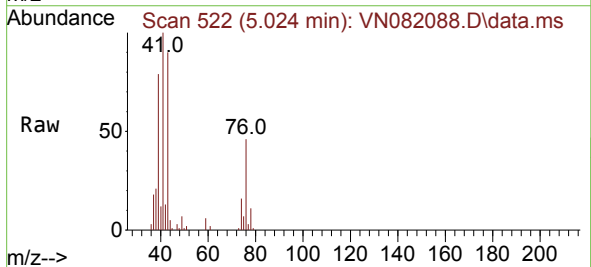
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

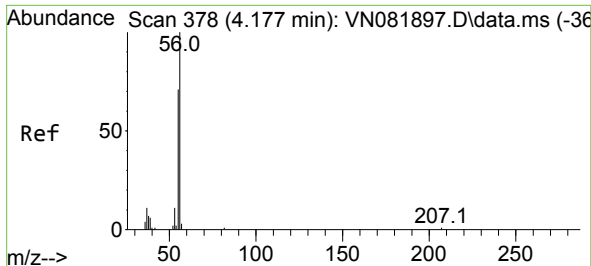
Tgt Ion:142 Resp: 31340
Ion Ratio Lower Upper
142 100
127 40.9 26.3 78.9
141 16.6 8.3 24.9



#12
Methyl Acetate
Concen: 58.040 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 43 Resp: 58638
Ion Ratio Lower Upper
43 100
74 18.2 27.7 41.5#

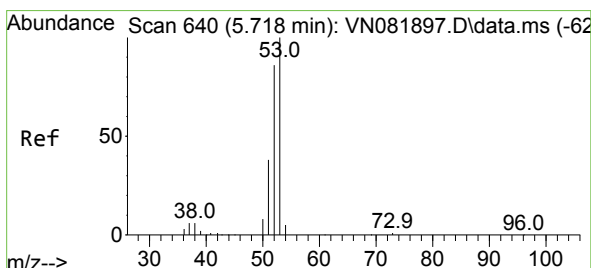
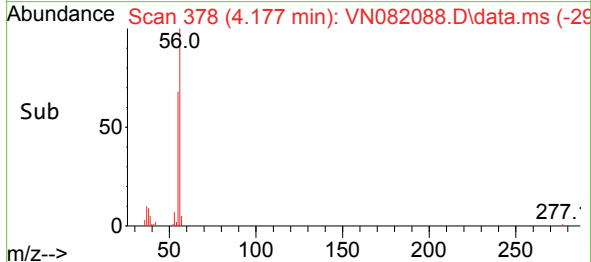
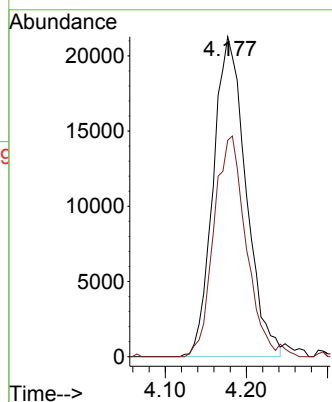
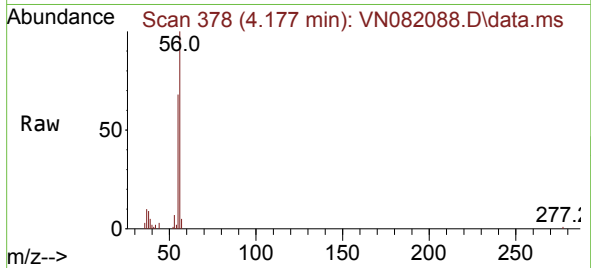




#13
Acrolein
Concen: 277.954 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

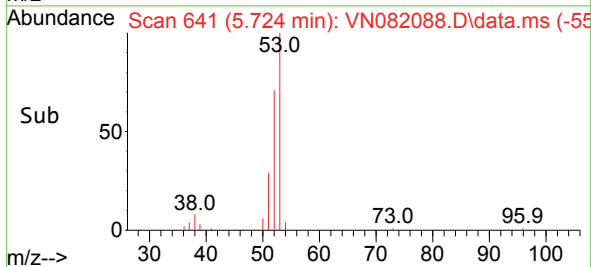
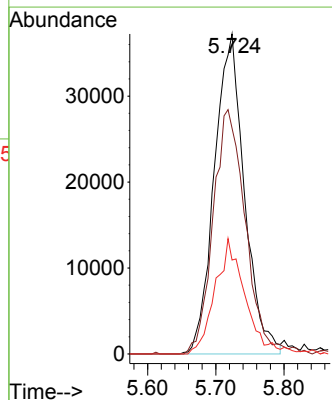
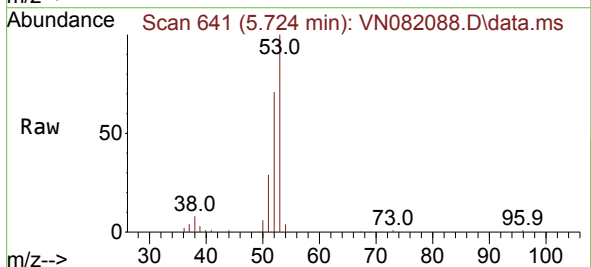
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

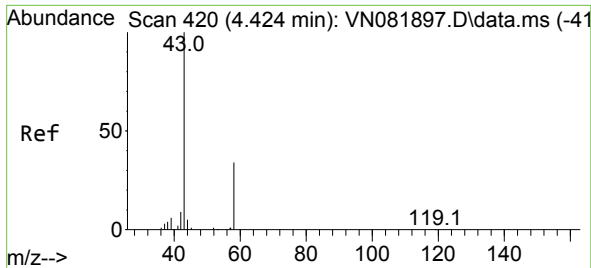
Tgt Ion: 56 Resp: 59682
Ion Ratio Lower Upper
56 100
55 67.3 55.5 83.3



#14
Acrylonitrile
Concen: 248.001 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 53 Resp: 114352
Ion Ratio Lower Upper
53 100
52 80.4 41.3 123.9
51 20.3 16.8 50.3

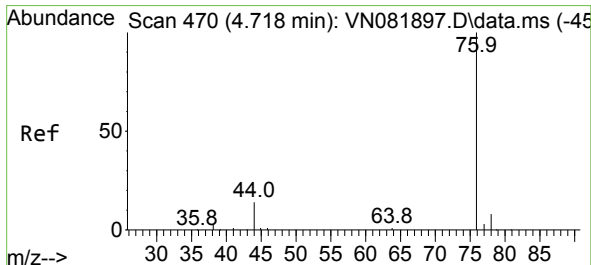
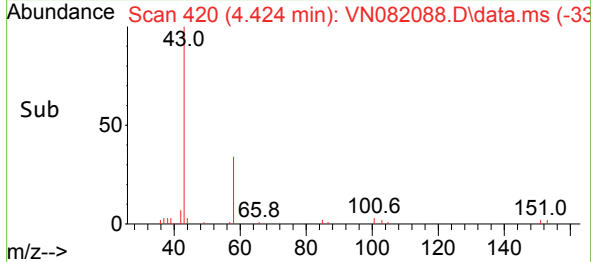
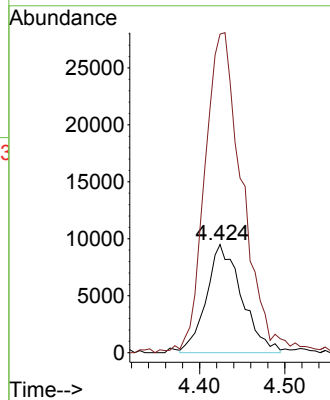
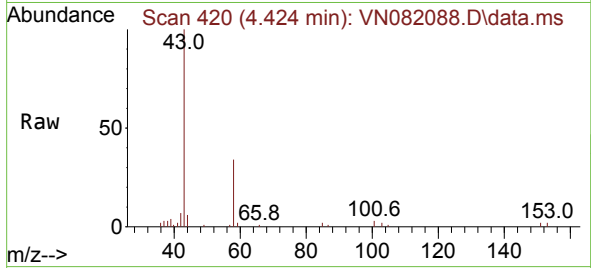




#15
Acetone
Concen: 264.674 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

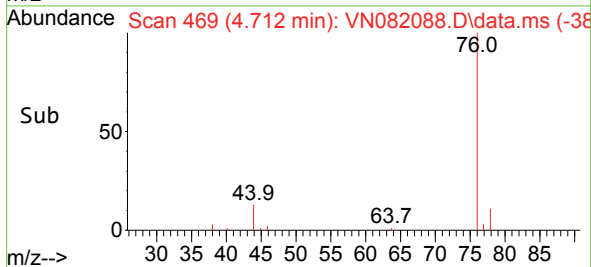
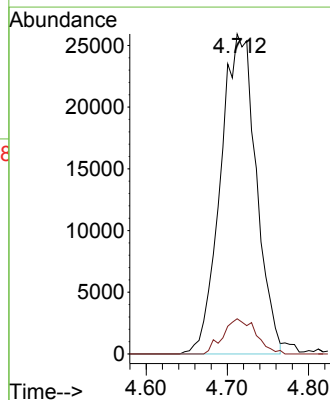
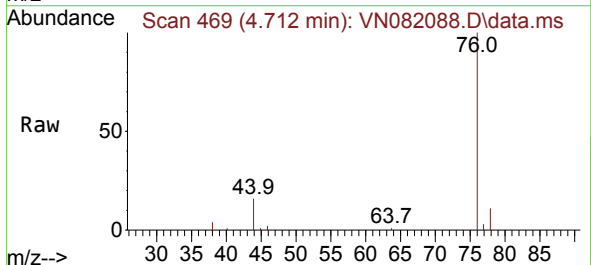
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

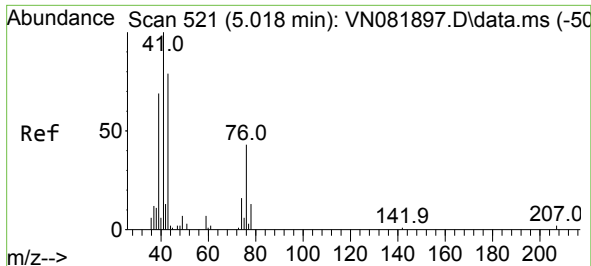
Tgt Ion: 58 Resp: 27347
Ion Ratio Lower Upper
58 100
43 297.9 223.1 334.7



#16
Carbon Disulfide
Concen: 35.439 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 76 Resp: 79219
Ion Ratio Lower Upper
76 100
78 11.0 6.3 9.5#





#17

Allyl chloride

Concen: 47.448 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN082088.D

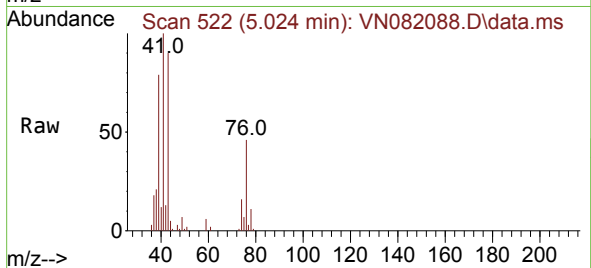
Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01



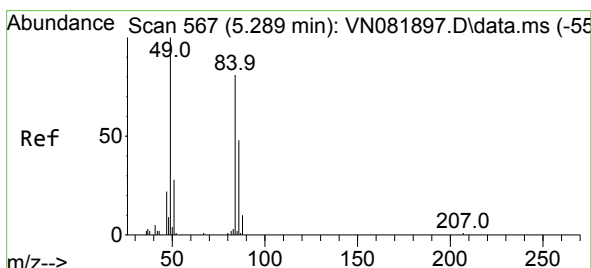
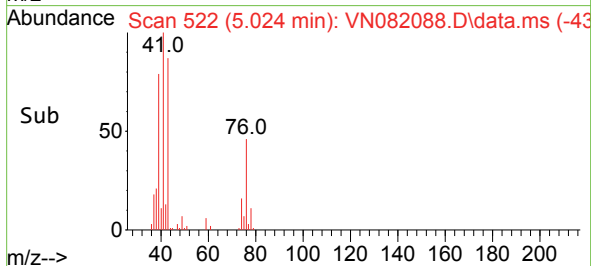
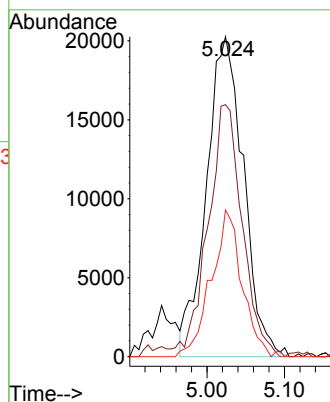
Tgt Ion: 41 Resp: 67214

Ion Ratio Lower Upper

41 100

39 78.1 37.6 112.9

76 46.5 27.8 83.4



#18

Methylene Chloride

Concen: 45.220 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.012 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Tgt Ion: 84 Resp: 41513

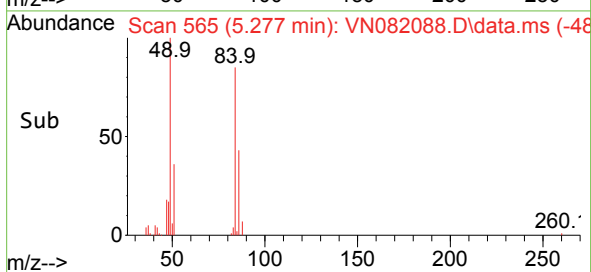
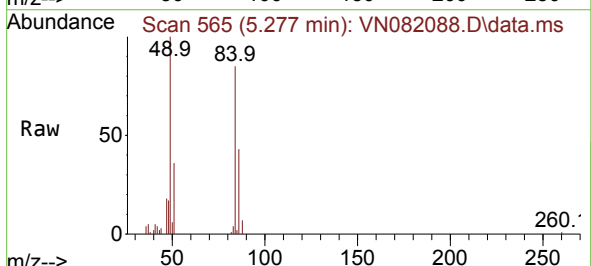
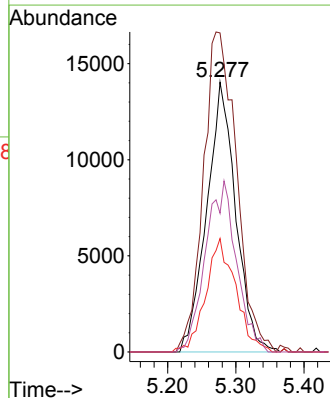
Ion Ratio Lower Upper

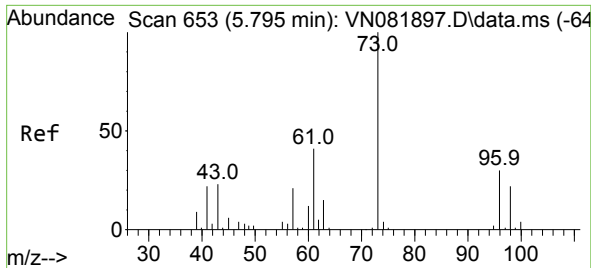
84 100

49 115.8 86.0 129.0

51 42.1 30.0 45.0

86 51.4 53.0 79.4#

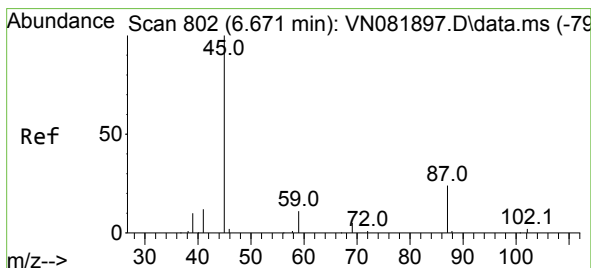
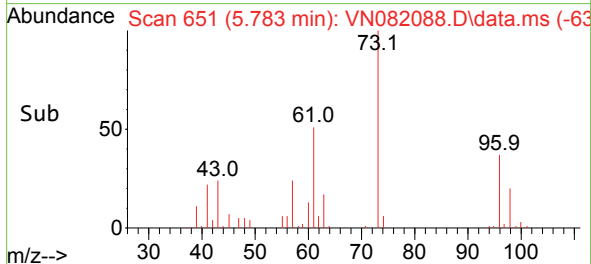
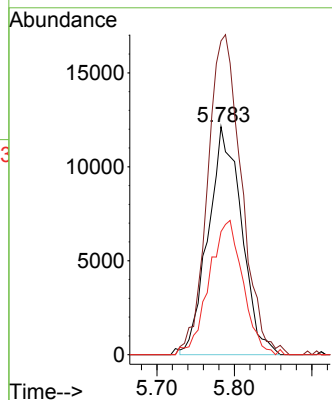
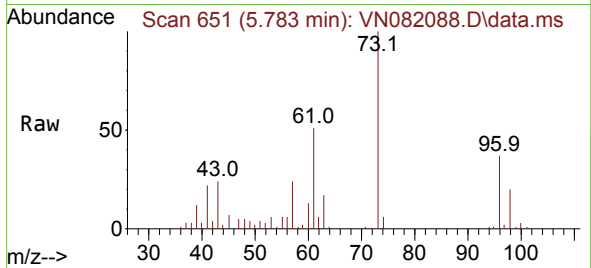




#19
trans-1,2-Dichloroethene
Concen: 43.127 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

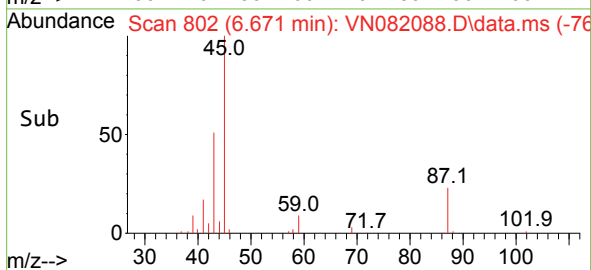
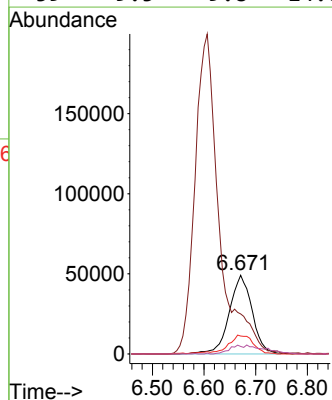
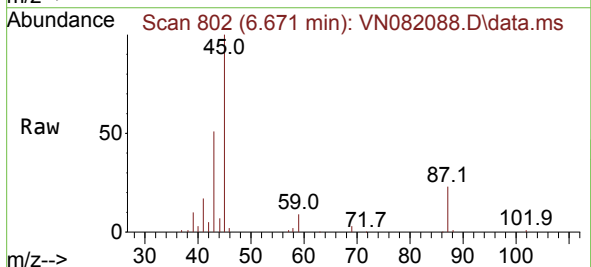
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

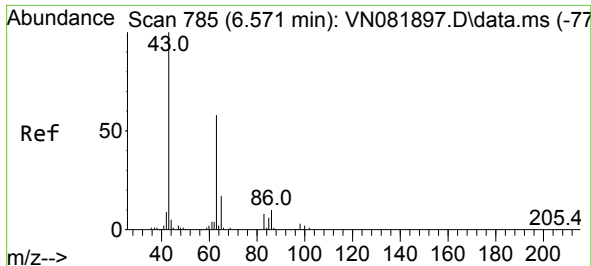
Tgt Ion: 96 Resp: 36220
Ion Ratio Lower Upper
96 100
61 134.0 111.8 167.6
98 51.7 49.2 73.8



#20
Diisopropyl ether
Concen: 48.210 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 45 Resp: 151098
Ion Ratio Lower Upper
45 100
43 49.2 40.4 60.6
87 22.7 23.8 35.8#
59 9.5 9.8 14.6#

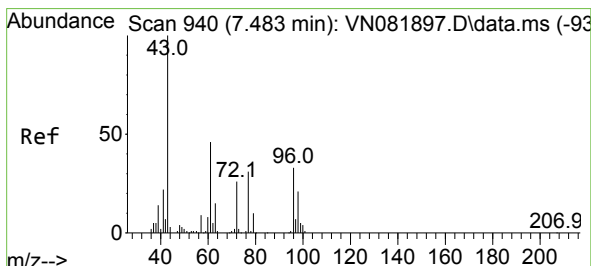
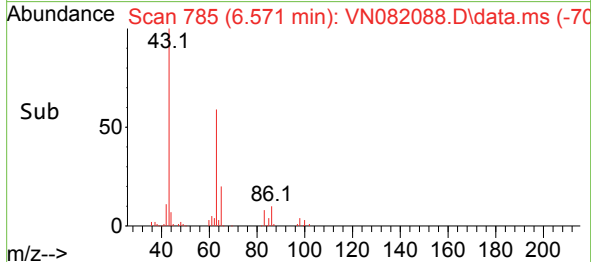
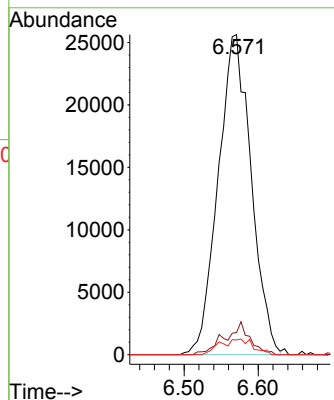
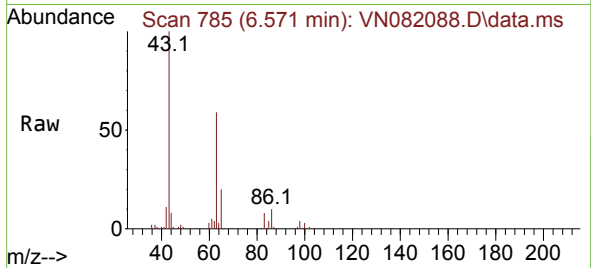




#21
1,1-Dichloroethane
Concen: 47.720 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

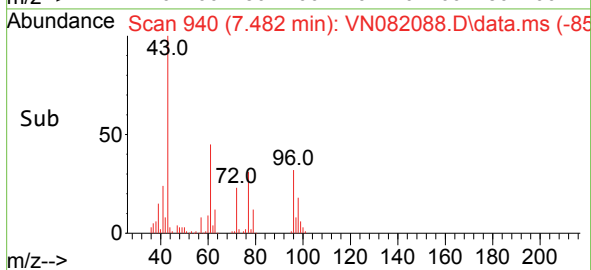
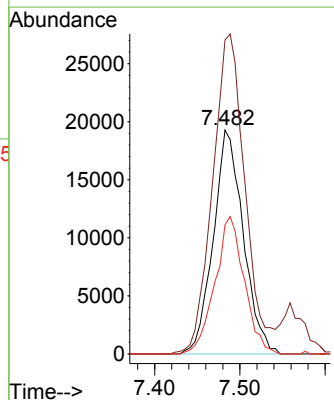
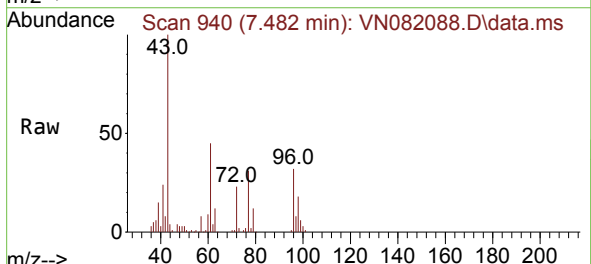
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

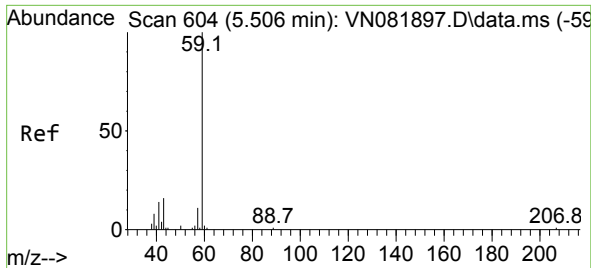
Tgt Ion: 63 Resp: 79194
Ion Ratio Lower Upper
63 100
98 6.9 4.1 12.3
100 4.6 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 46.111 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 96 Resp: 47192
Ion Ratio Lower Upper
96 100
61 154.4 113.5 170.3
98 60.0 52.0 78.0

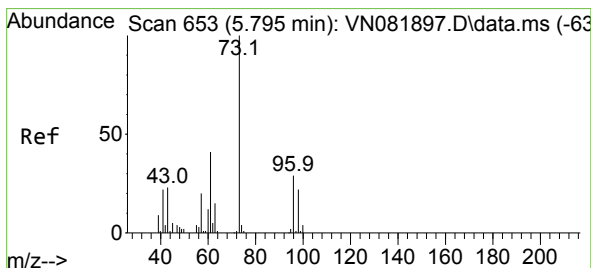
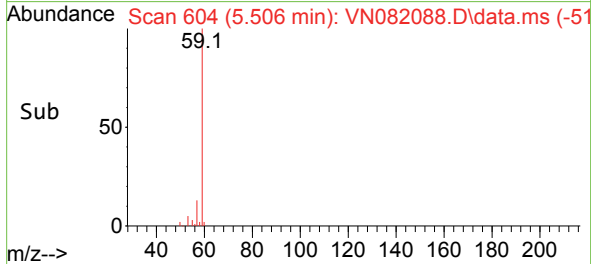
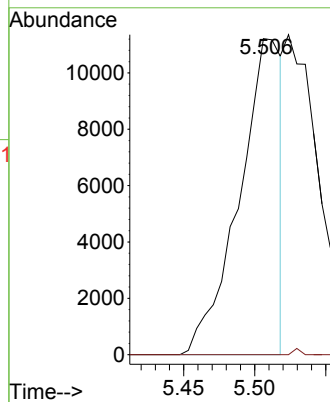
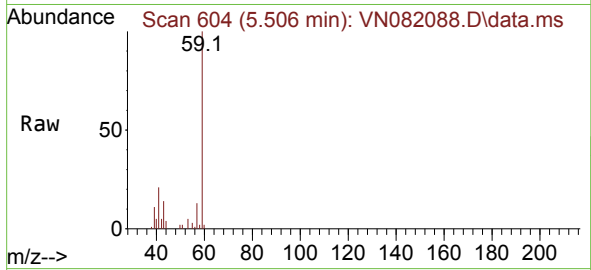




#23
tert-Butyl Alcohol
Concen: 122.099 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

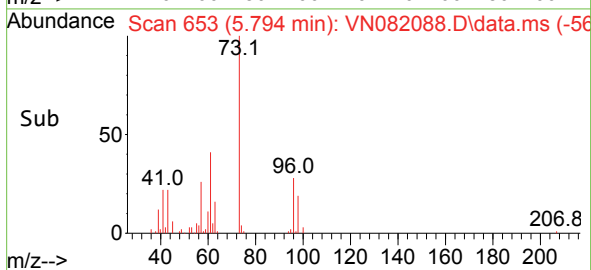
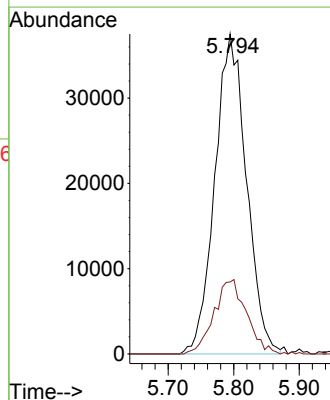
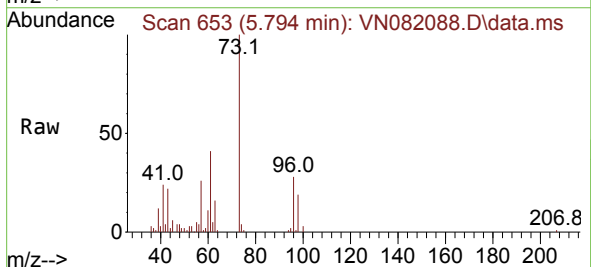
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

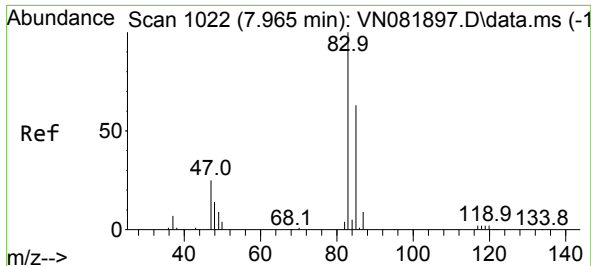
Tgt Ion: 59 Resp: 23190
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 43.227 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 73 Resp: 125742
Ion Ratio Lower Upper
73 100
43 23.4 13.4 20.2#





#25

Chloroform

Concen: 47.046 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

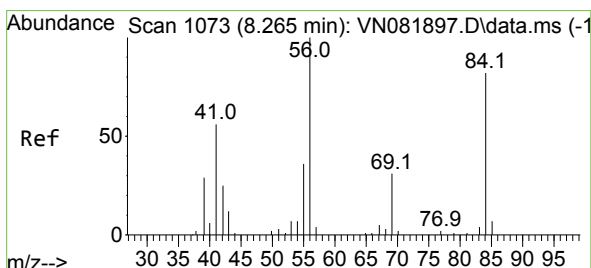
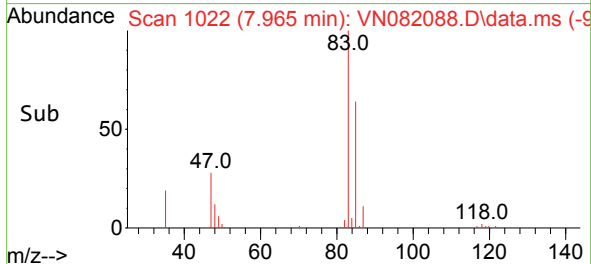
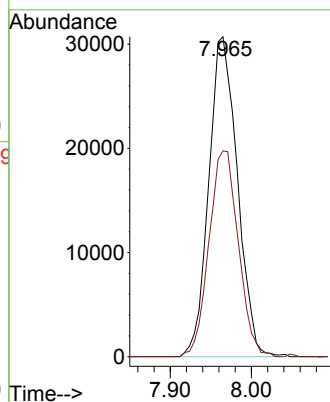
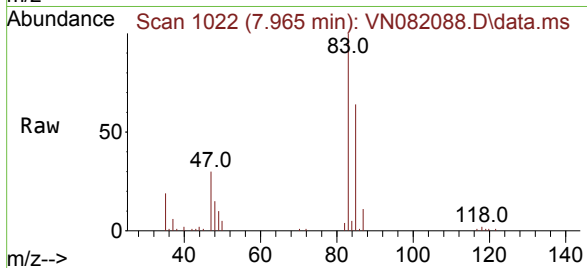
VN0513WBS01

Tgt Ion: 83 Resp: 75113

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3



#26

Cyclohexane

Concen: 44.781 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

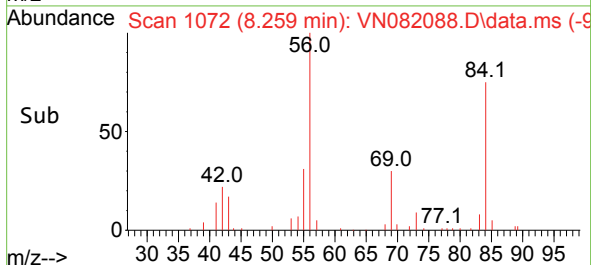
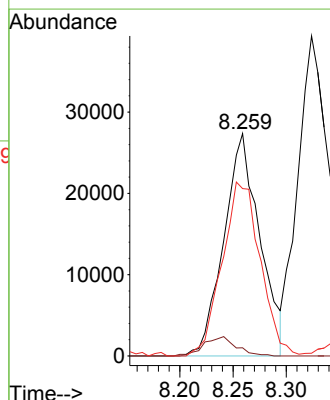
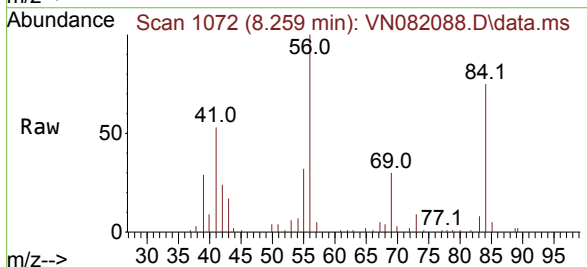
Tgt Ion: 56 Resp: 64265

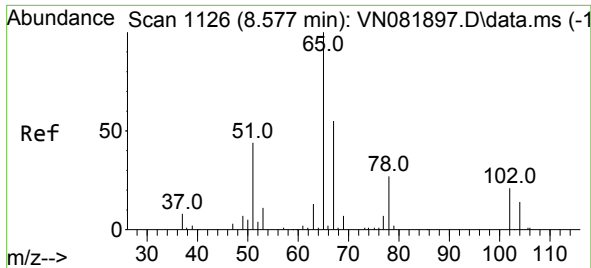
Ion Ratio Lower Upper

56 100

89 7.8 19.3 28.9#

84 82.9 71.3 106.9

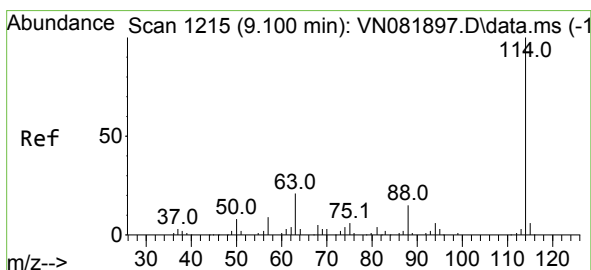
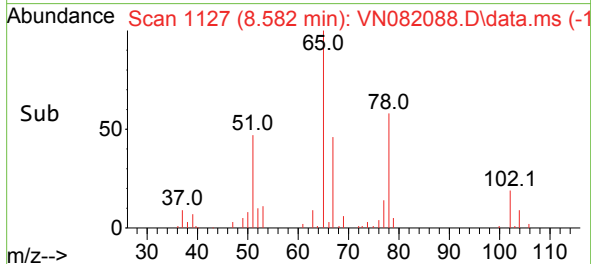
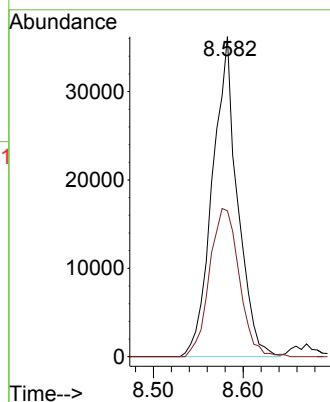
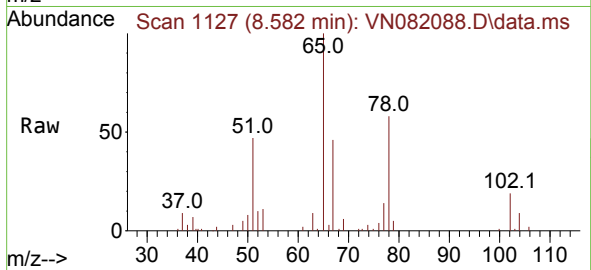




#27
 1,2-Dichloroethane-d4
 Concen: 63.453 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

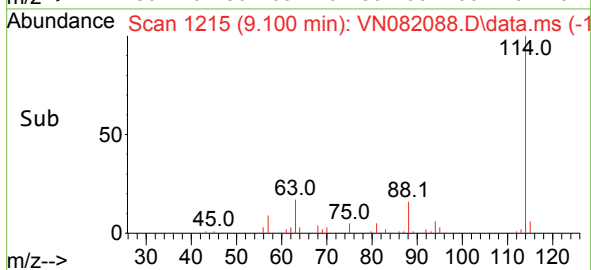
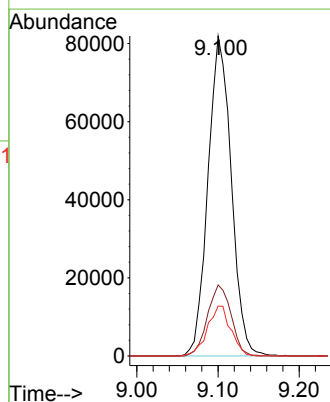
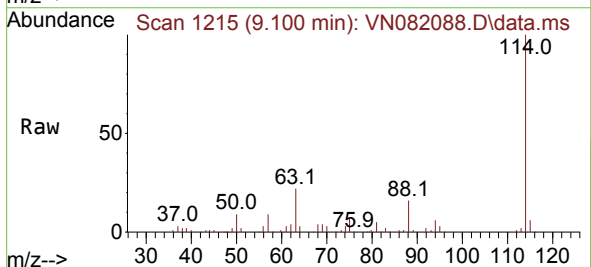
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01

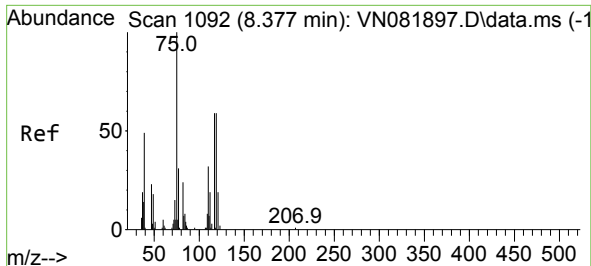
Tgt Ion: 65 Resp: 70232
 Ion Ratio Lower Upper
 65 100
 67 54.7 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

Tgt Ion: 114 Resp: 163309
 Ion Ratio Lower Upper
 114 100
 63 22.4 15.9 23.9
 88 15.7 12.7 19.1

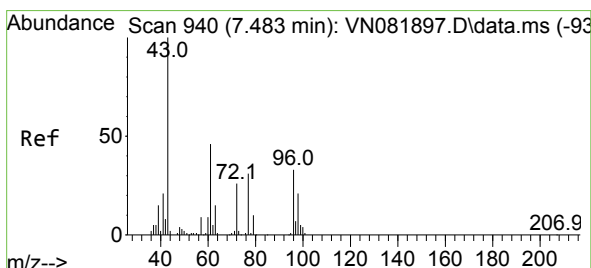
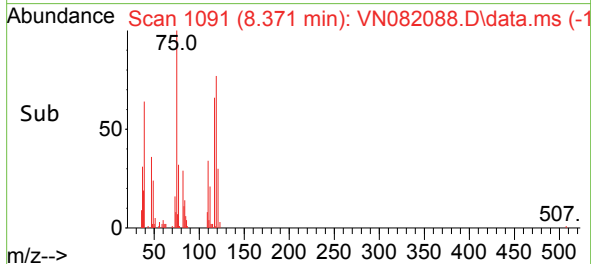
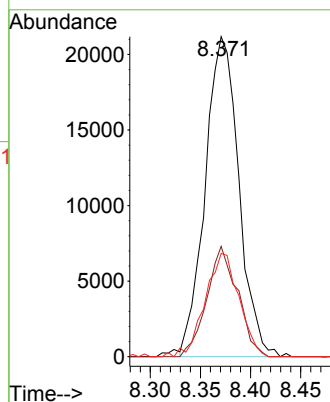
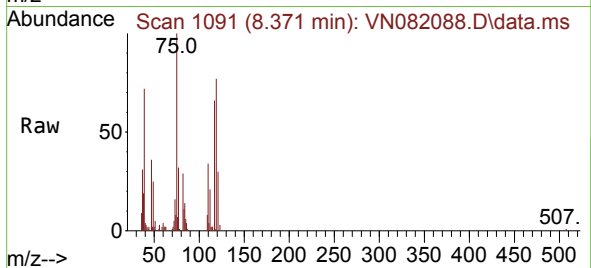




#29
1,1-Dichloropropene
Concen: 20.332 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

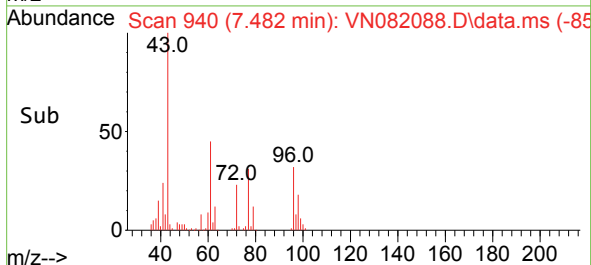
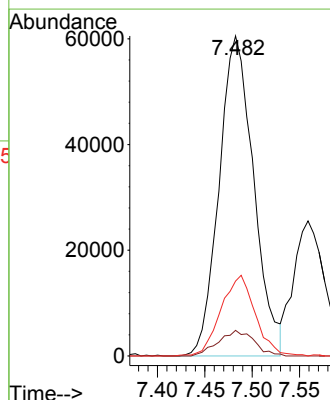
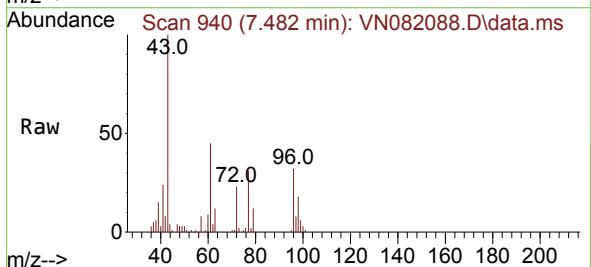
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

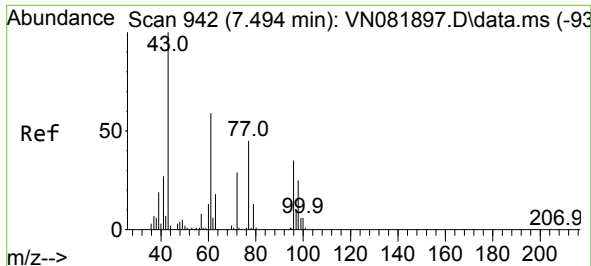
Tgt Ion: 75 Resp: 49433
Ion Ratio Lower Upper
75 100
110 31.6 0.0 70.2
77 32.3 0.0 61.4



#30
2-Butanone
Concen: 122.606 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 43 Resp: 153656
Ion Ratio Lower Upper
43 100
57 8.3 6.7 10.1
72 24.9 24.0 36.0

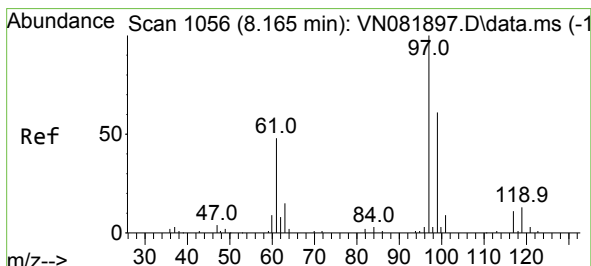
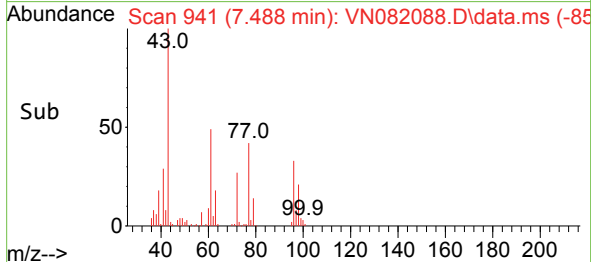
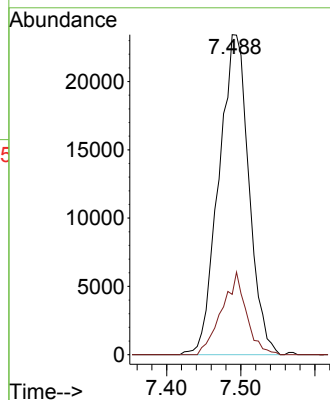
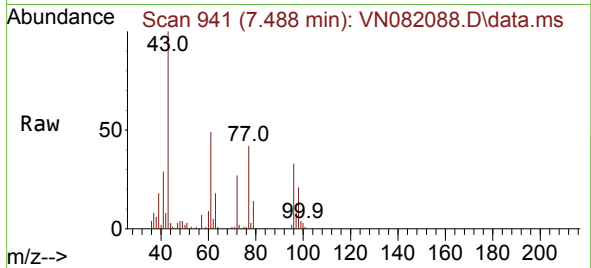




#31
2,2-Dichloropropane
Concen: 26.510 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

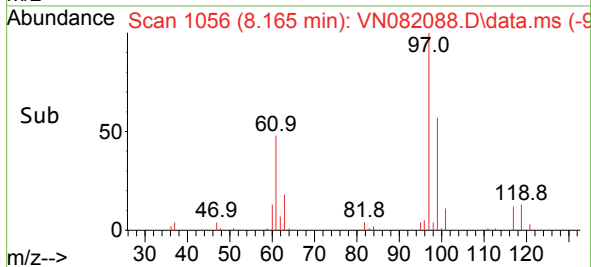
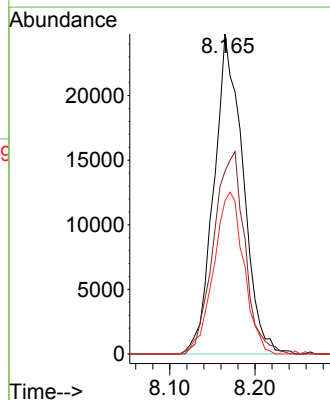
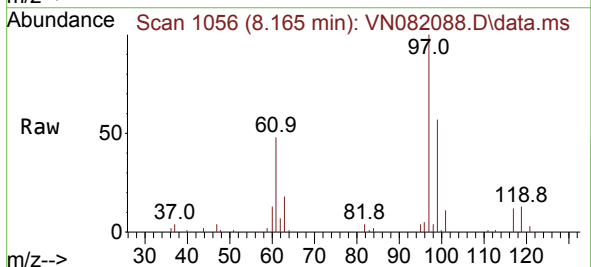
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

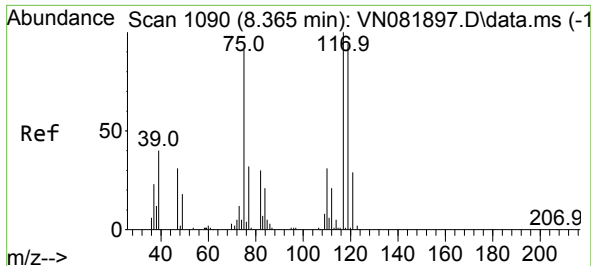
Tgt Ion: 77 Resp: 66051
Ion Ratio Lower Upper
77 100
97 21.1 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 20.930 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 97 Resp: 58524
Ion Ratio Lower Upper
97 100
99 67.7 51.0 76.4
61 52.7 33.8 50.8#

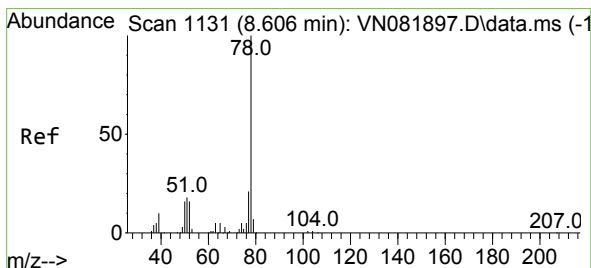
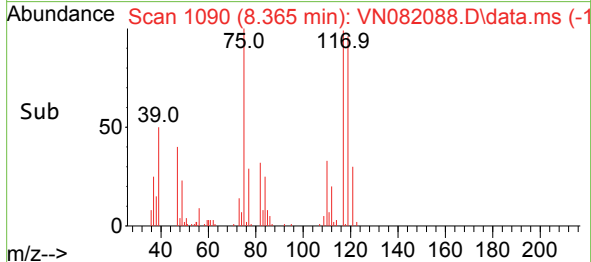
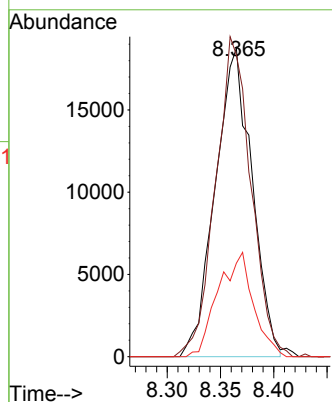
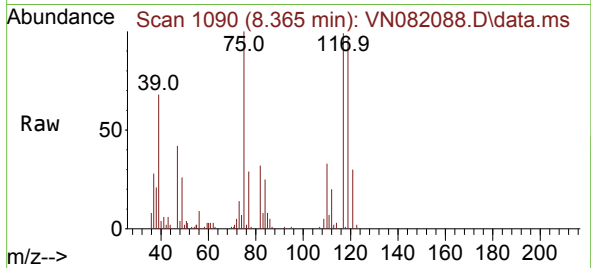




#33
Carbon Tetrachloride
Concen: 19.774 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

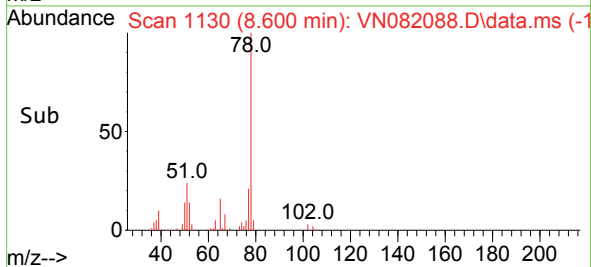
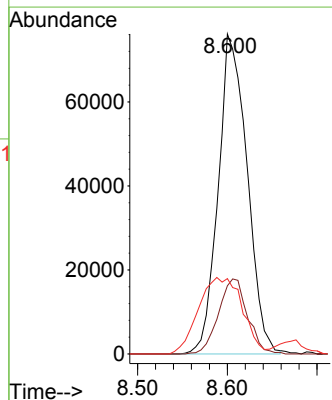
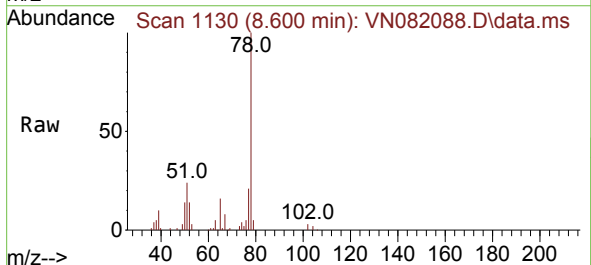
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

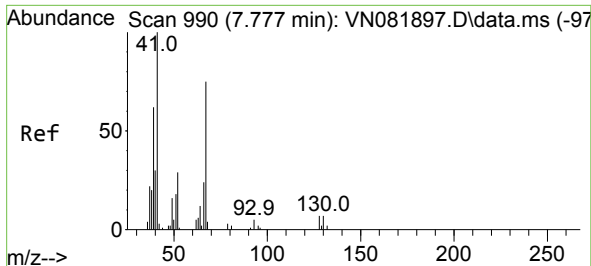
Tgt Ion:117 Resp: 44872
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5
121 30.3 27.0 40.6



#34
Benzene
Concen: 21.953 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 78 Resp: 170275
Ion Ratio Lower Upper
78 100
77 21.3 19.2 28.8
51 21.3 13.3 19.9#

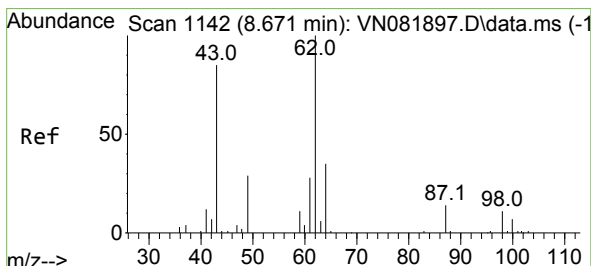
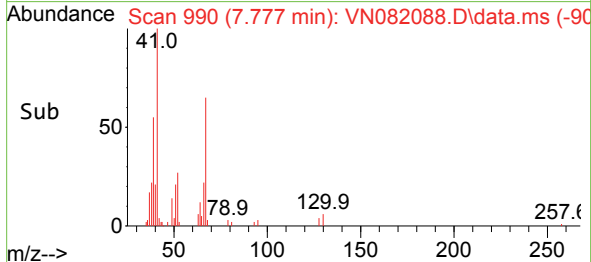
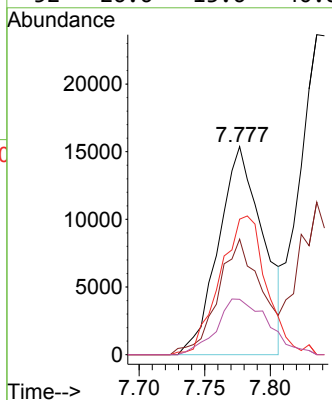
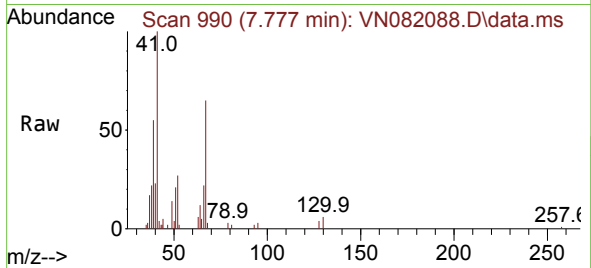




#35
Methacrylonitrile
Concen: 22.833 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

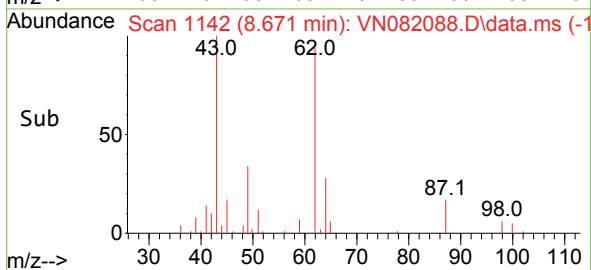
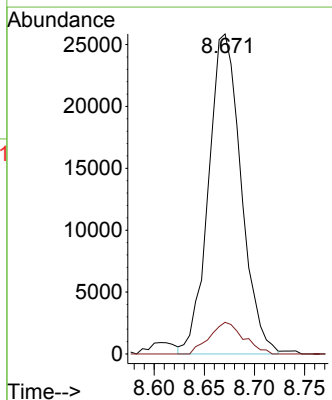
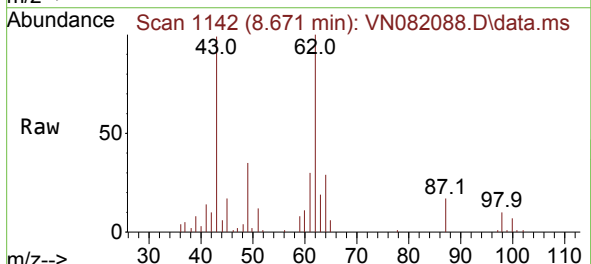
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

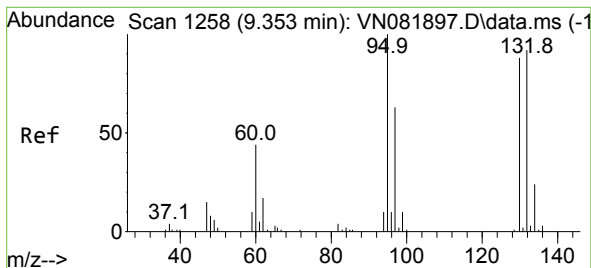
Tgt Ion:	41	Resp:	36202
Ion	Ratio	Lower	Upper
41	100		
39	52.5	25.3	75.9
67	63.8	38.7	116.1
52	26.6	13.6	40.8



#36
1,2-Dichloroethane
Concen: 22.447 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:	62	Resp:	58446
Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.2	12.4





#37

Trichloroethene

Concen: 18.990 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

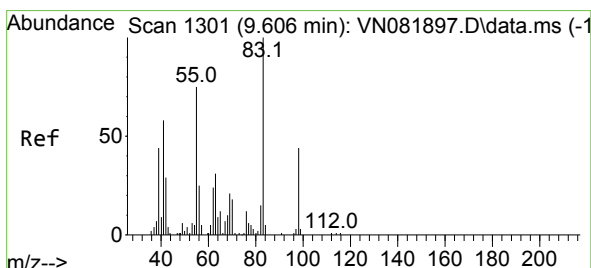
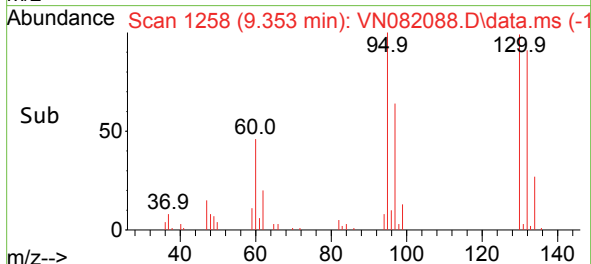
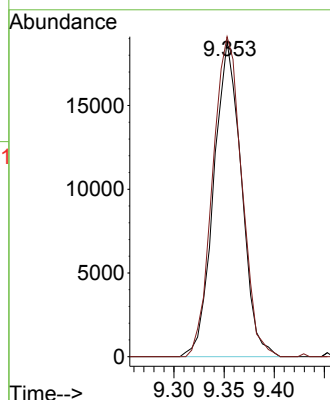
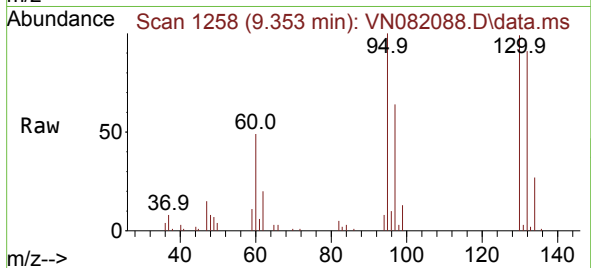
VN0513WBS01

Tgt Ion:130 Resp: 36076

Ion Ratio Lower Upper

130 100

95 101.4 80.2 120.4



#38

Methylcyclohexane

Concen: 20.489 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

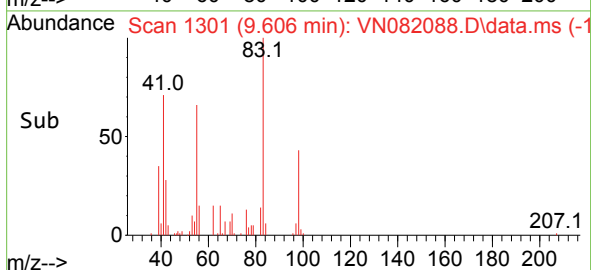
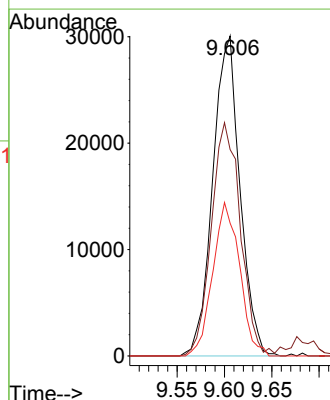
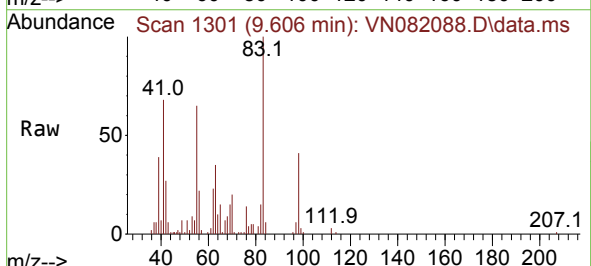
Tgt Ion: 83 Resp: 60176

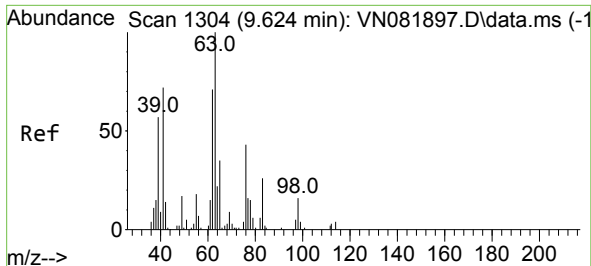
Ion Ratio Lower Upper

83 100

55 77.9 36.6 109.9

98 47.4 23.8 71.5





#39

1,2-Dichloropropane

Concen: 23.817 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

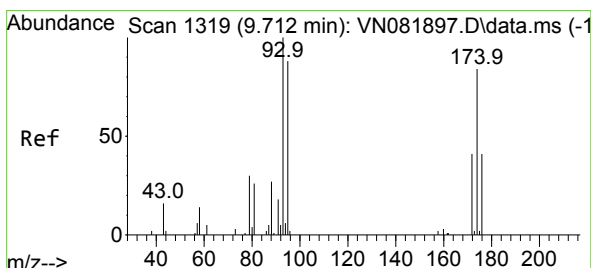
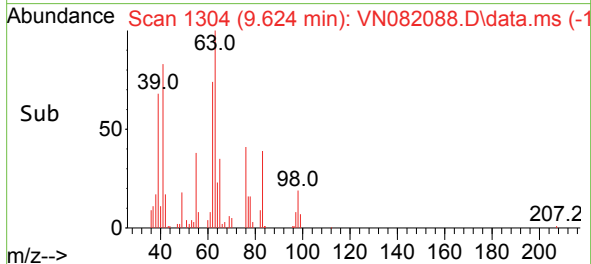
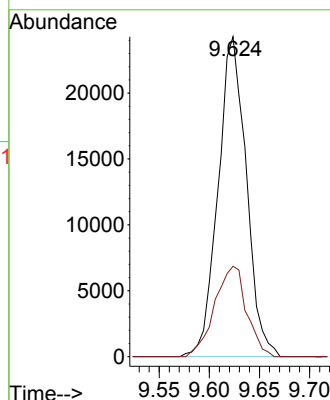
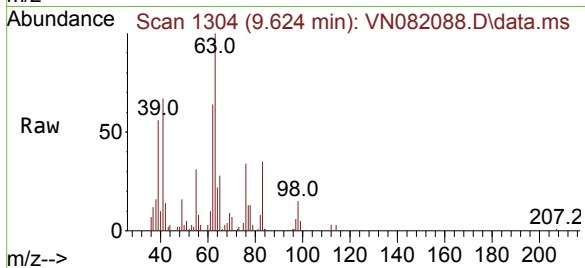
VN0513WBS01

Tgt Ion: 63 Resp: 47400

Ion Ratio Lower Upper

63 100

65 28.2 25.0 37.4



#40

Dibromomethane

Concen: 21.776 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

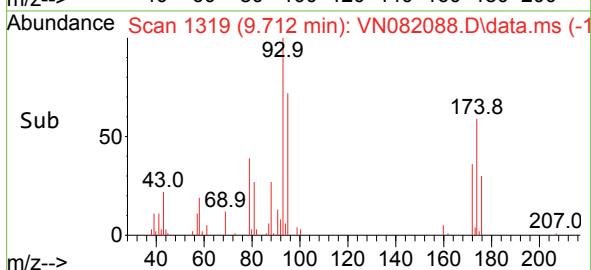
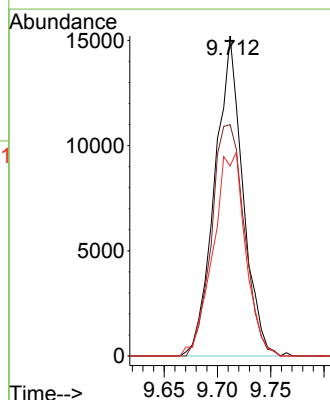
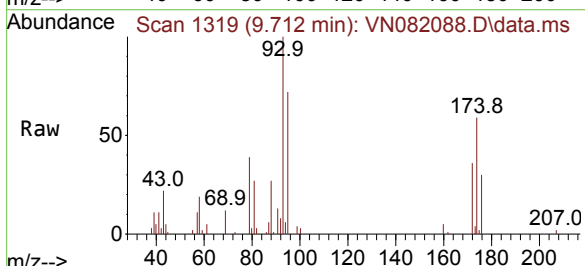
Tgt Ion: 93 Resp: 27841

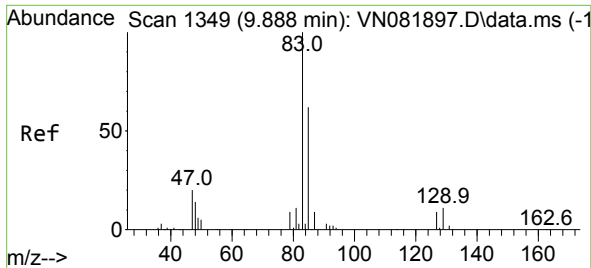
Ion Ratio Lower Upper

93 100

95 84.2 0.0 164.6

174 73.6 0.0 193.2

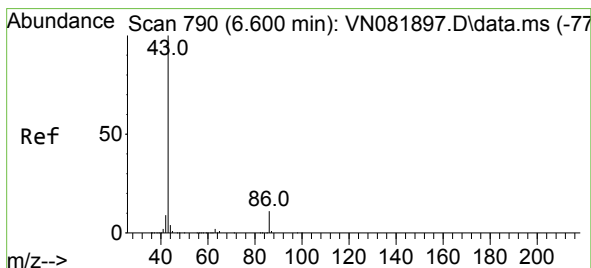
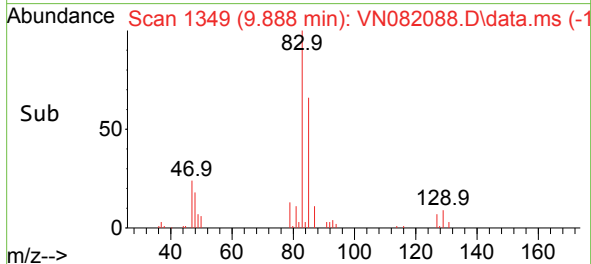
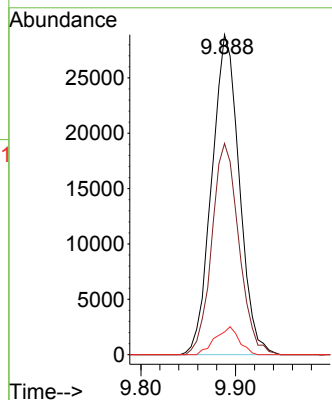
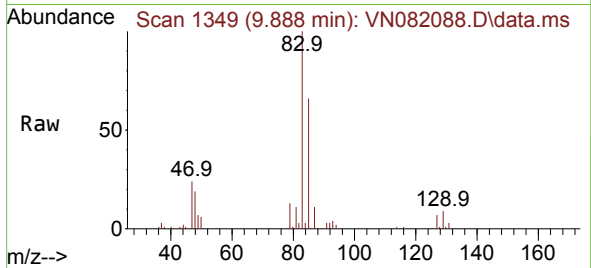




#41
Bromodichloromethane
Concen: 21.373 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

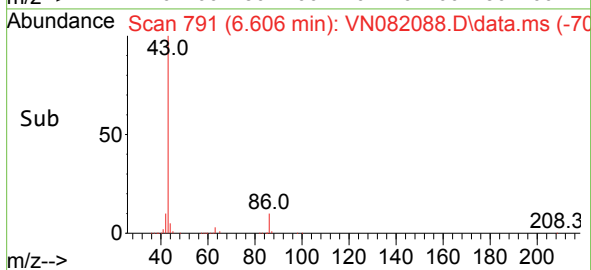
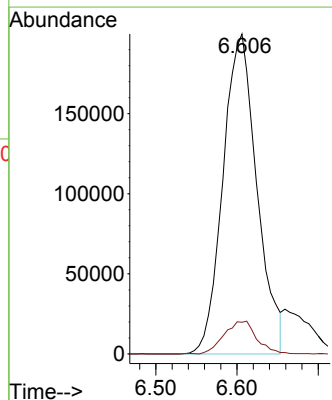
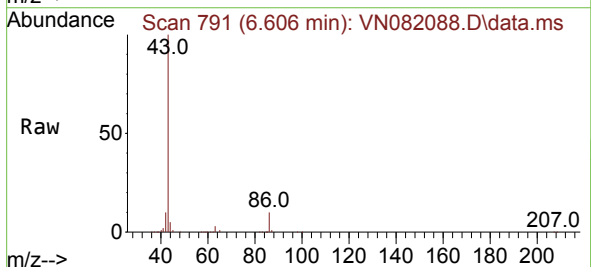
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

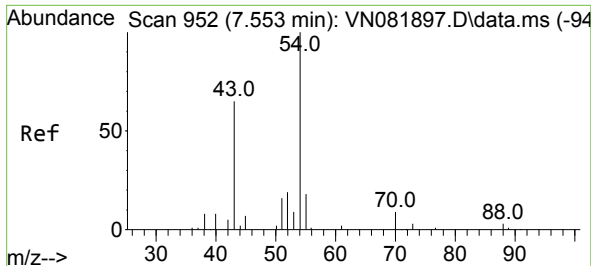
Tgt Ion: 83 Resp: 58406
Ion Ratio Lower Upper
83 100
85 66.0 49.4 74.2
127 7.1 7.3 10.9#



#42
Vinyl Acetate
Concen: 108.815 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 43 Resp: 580448
Ion Ratio Lower Upper
43 100
86 9.8 9.4 14.2

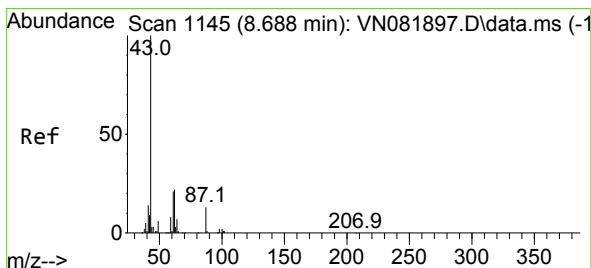
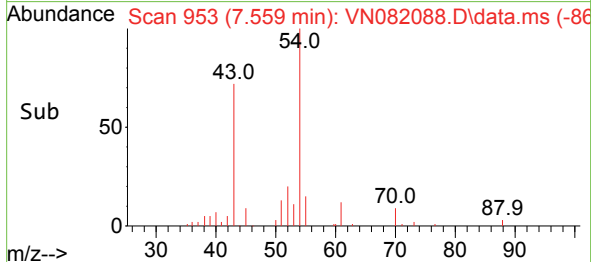
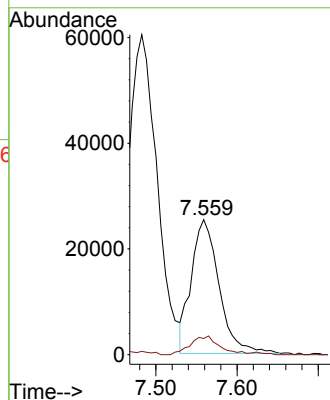
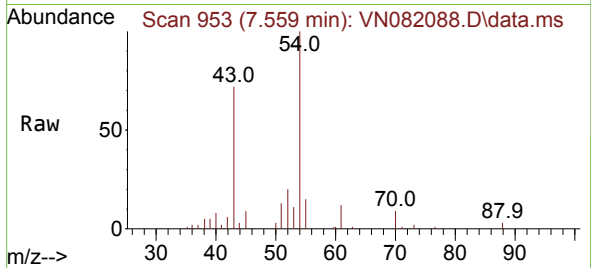




#43
Ethyl Acetate
Concen: 21.983 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

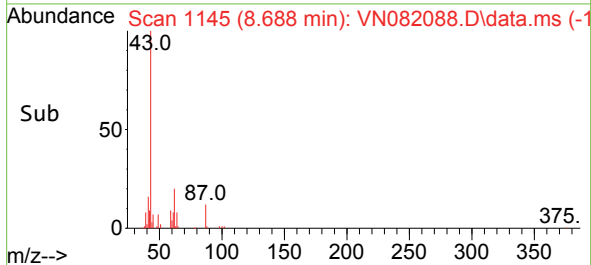
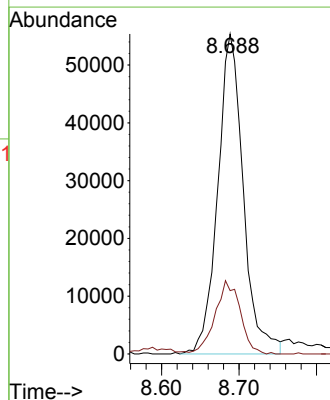
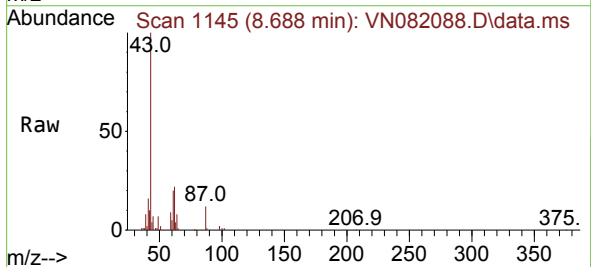
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

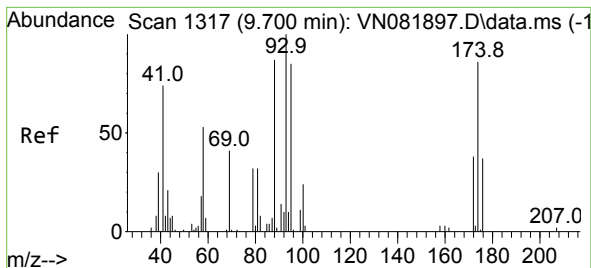
Tgt Ion: 43 Resp: 60069
Ion Ratio Lower Upper
43 100
45 14.5 10.6 15.8



#44
Isopropyl Acetate
Concen: 26.154 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 43 Resp: 126875
Ion Ratio Lower Upper
43 100
61 22.5 25.0 37.4#





#45

1,4-Dioxane

Concen: 447.253 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN082088.D

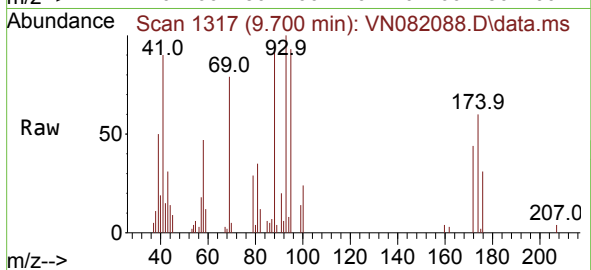
Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01



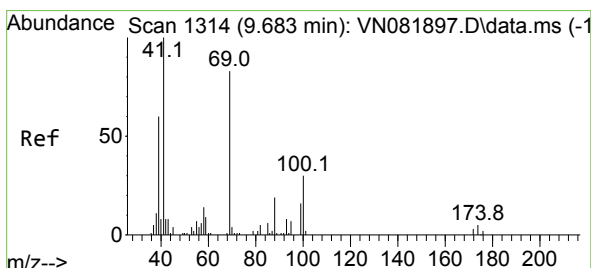
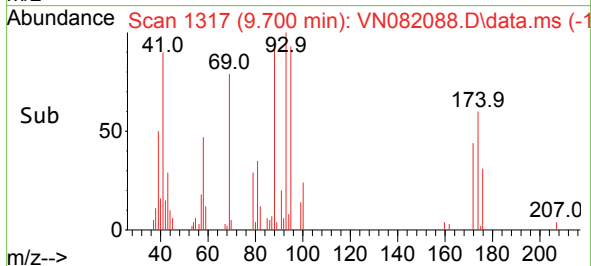
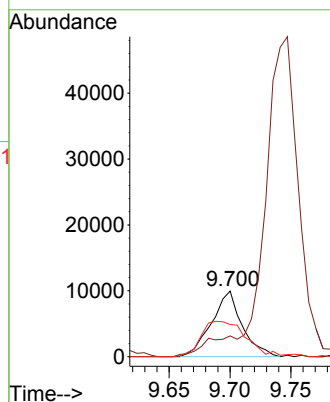
Tgt Ion: 88 Resp: 17400

Ion Ratio Lower Upper

88 100

43 17.2 19.8 29.6#

58 0.0 55.4 83.0#



#46

Methyl methacrylate

Concen: 22.520 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

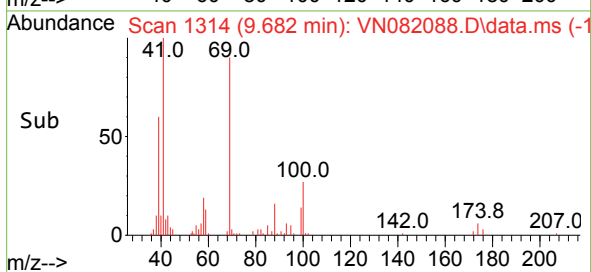
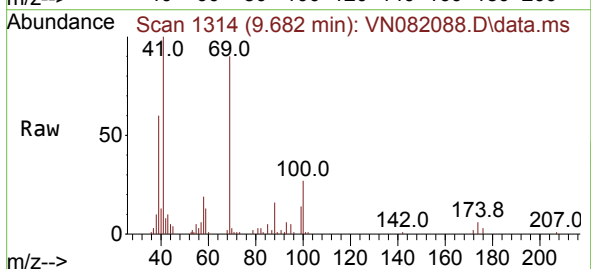
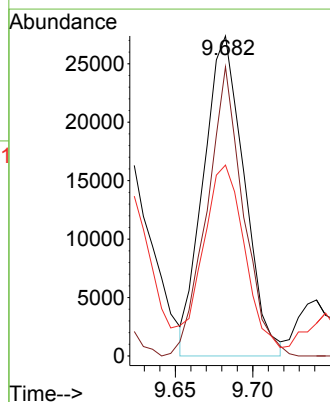
Tgt Ion: 41 Resp: 49911

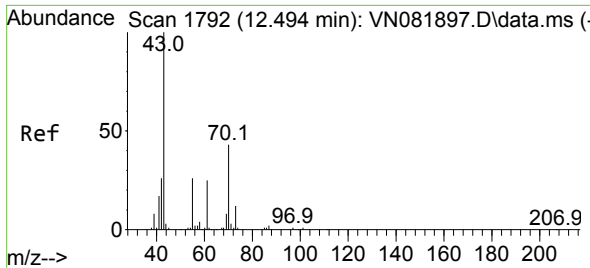
Ion Ratio Lower Upper

41 100

69 91.3 51.1 153.3

39 59.7 25.8 77.3

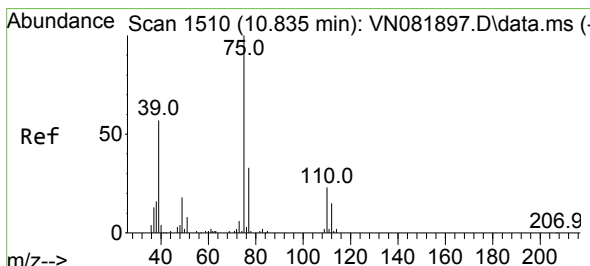
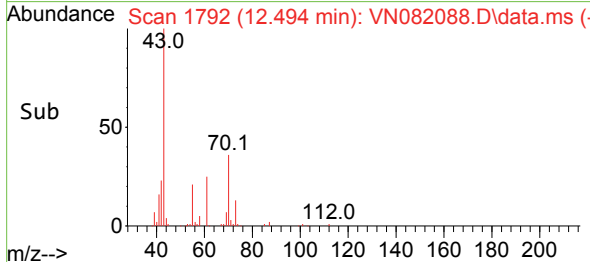
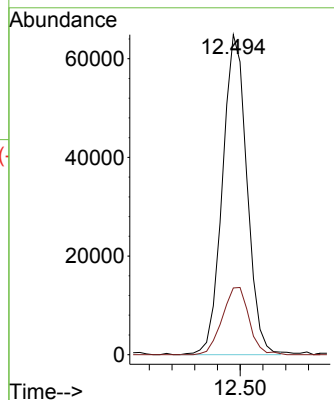
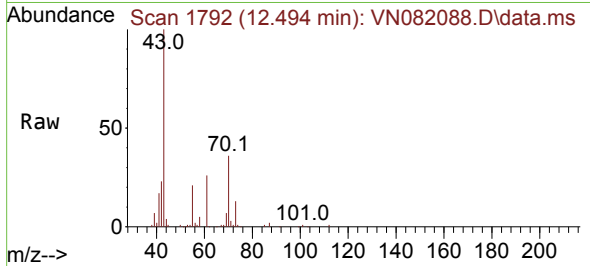




#47
n-amyl acetate
Concen: 22.190 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

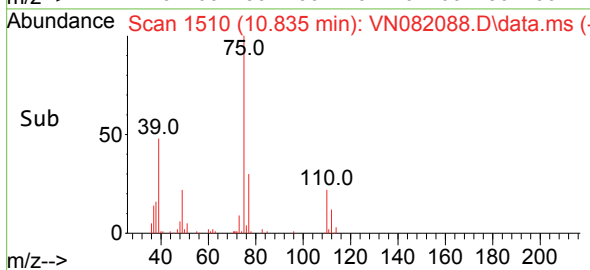
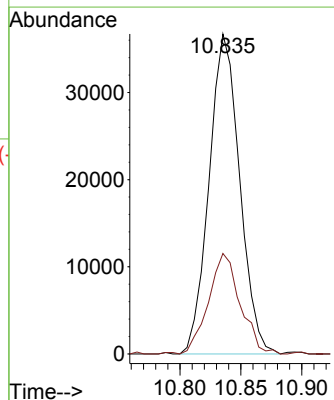
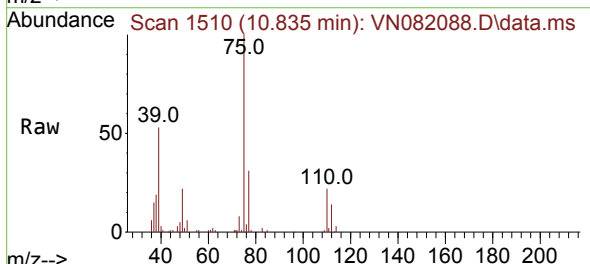
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

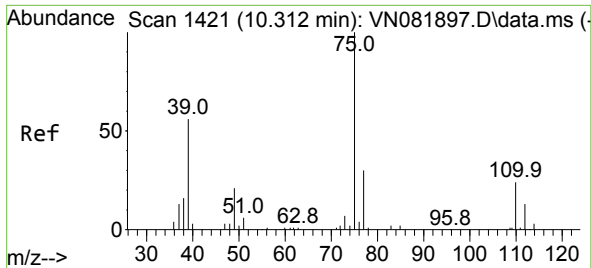
Tgt Ion: 43 Resp: 97091
Ion Ratio Lower Upper
43 100
55 22.9 23.4 35.2#



#48
t-1,3-Dichloropropene
Concen: 21.619 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 75 Resp: 64066
Ion Ratio Lower Upper
75 100
77 31.4 23.8 35.6

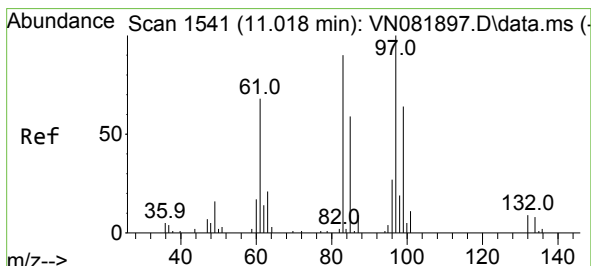
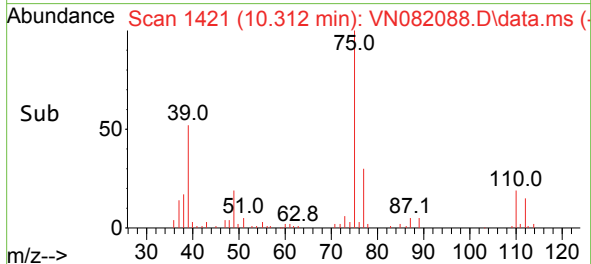
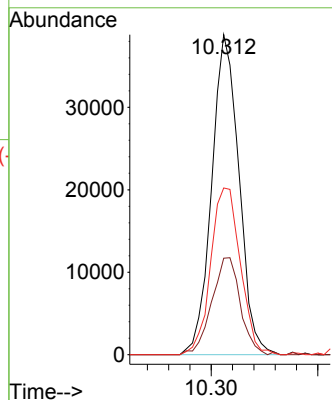
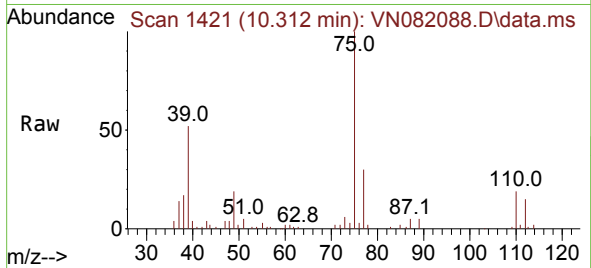




#49
 cis-1,3-Dichloropropene
 Concen: 22.067 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

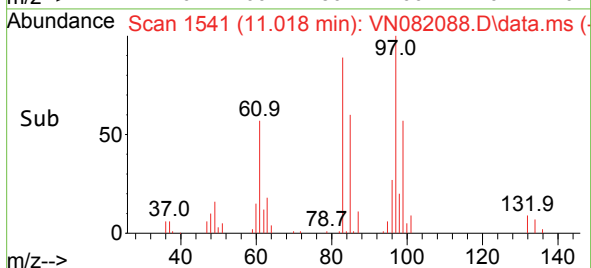
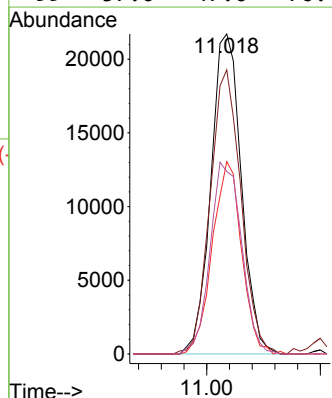
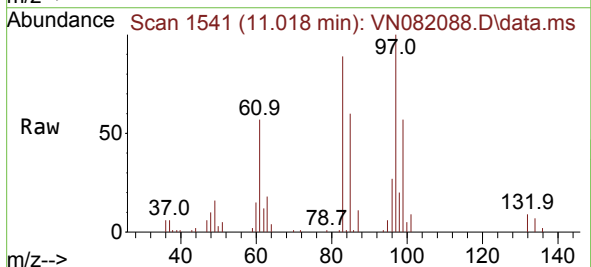
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01

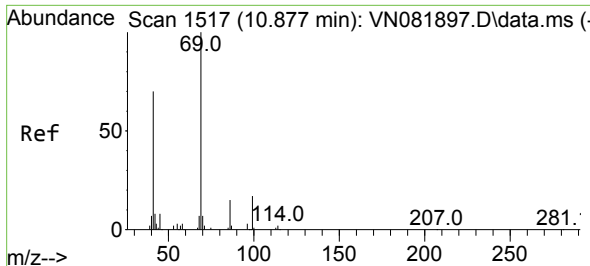
Tgt Ion: 75 Resp: 69140
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.9 37.3
 39 52.1 31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 23.291 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

Tgt Ion: 97 Resp: 40400
 Ion Ratio Lower Upper
 97 100
 83 88.8 68.1 102.1
 85 60.1 41.8 62.6
 99 57.0 47.0 70.4

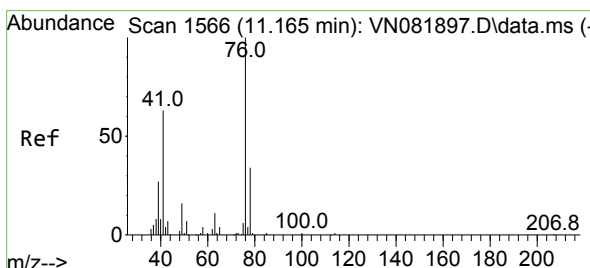
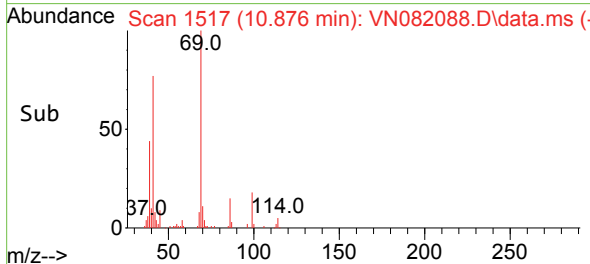
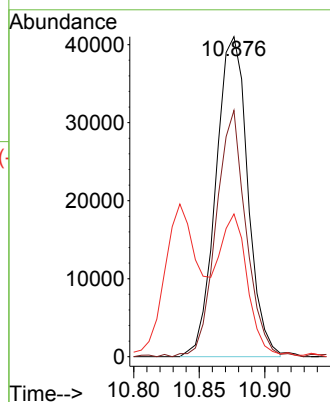
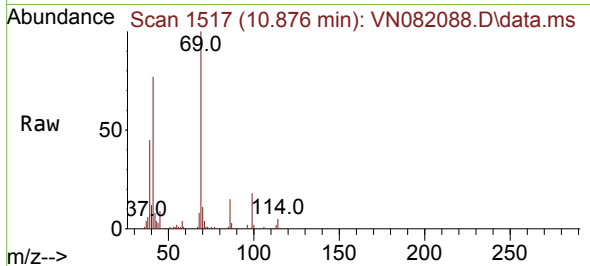




#51
Ethyl methacrylate
Concen: 21.195 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

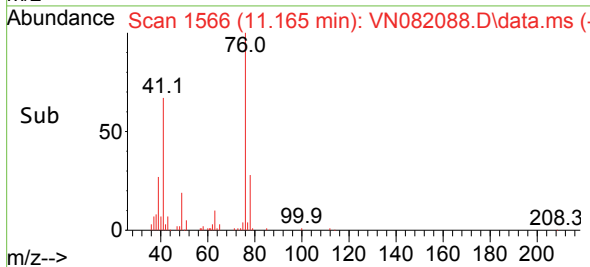
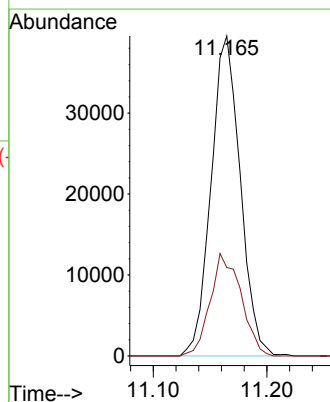
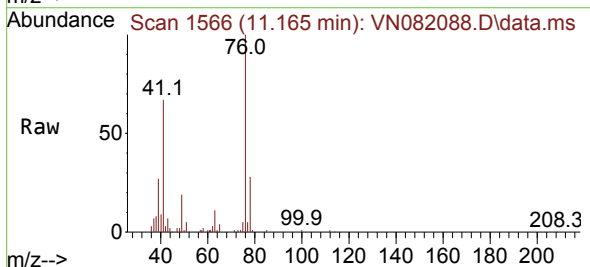
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

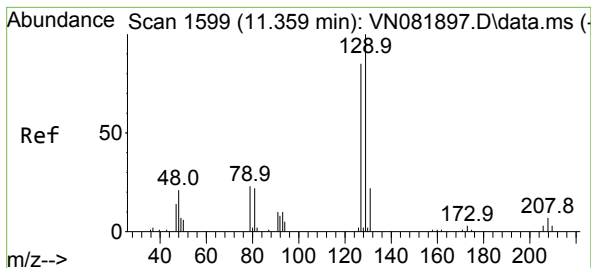
Tgt Ion: 69 Resp: 69388
Ion Ratio Lower Upper
69 100
41 76.2 25.5 76.5
39 43.7 16.0 47.9



#52
1,3-Dichloropropane
Concen: 22.121 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 76 Resp: 70496
Ion Ratio Lower Upper
76 100
78 33.8 0.0 65.8

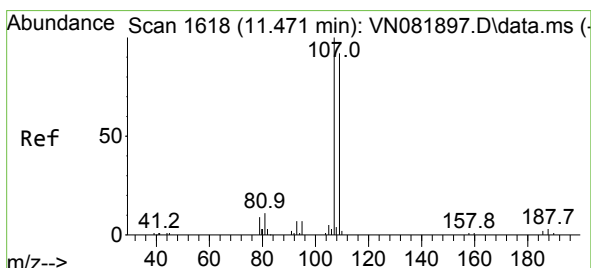
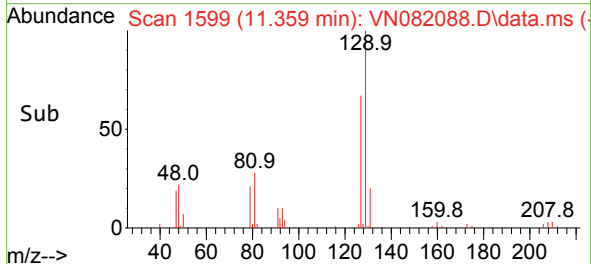
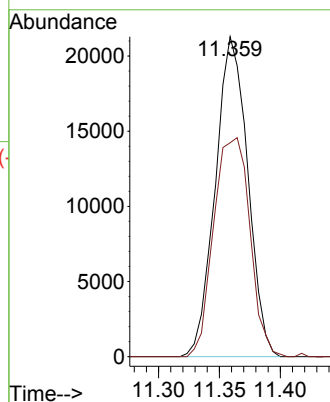
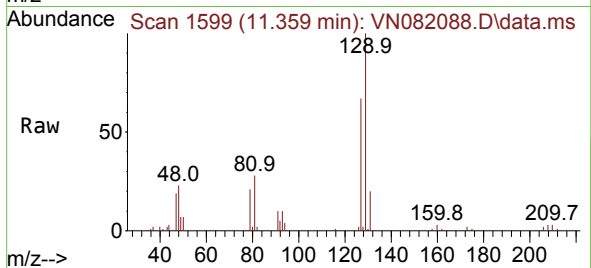




#53
Dibromochloromethane
Concen: 20.890 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

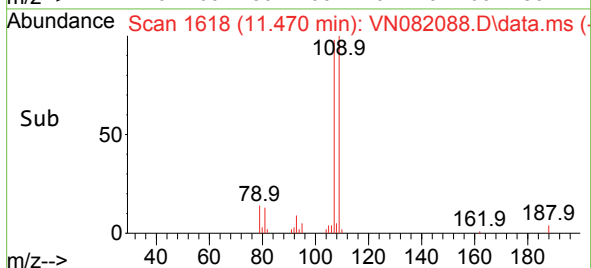
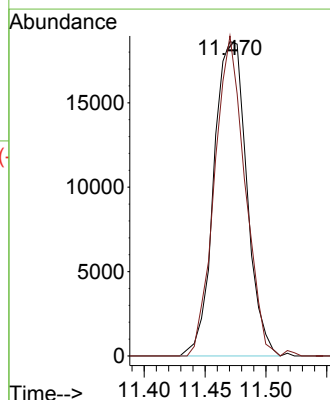
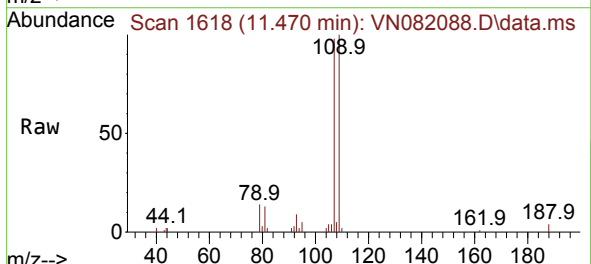
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

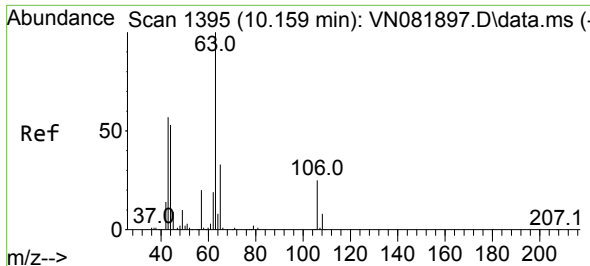
Tgt Ion:129 Resp: 39424
Ion Ratio Lower Upper
129 100
127 76.5 39.4 118.1



#54
1,2-Dibromoethane
Concen: 20.214 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:107 Resp: 34968
Ion Ratio Lower Upper
107 100
109 94.1 74.7 112.1

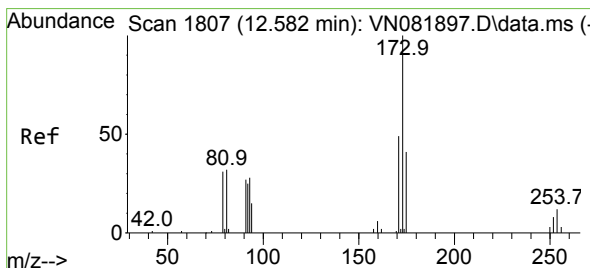
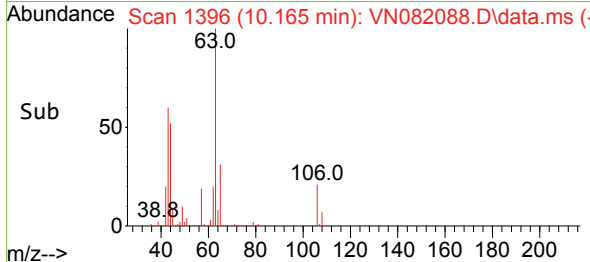
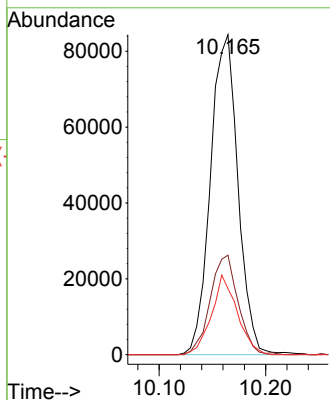
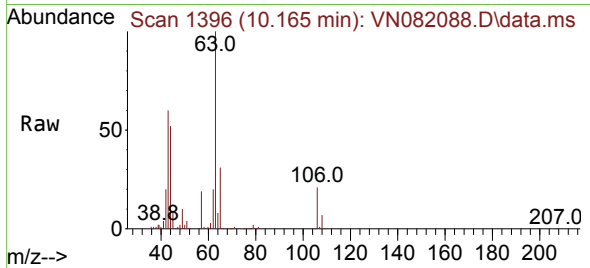




#55
2-Chloroethyl vinyl ether
Concen: 92.441 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

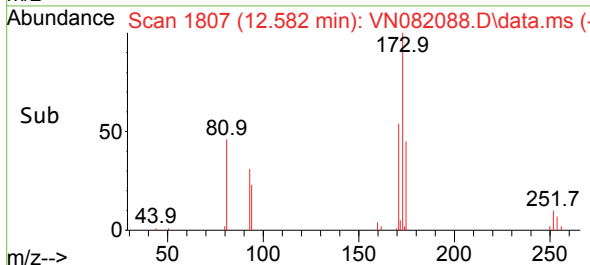
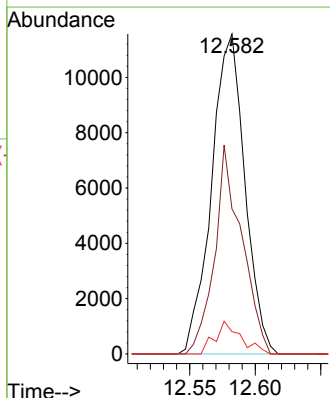
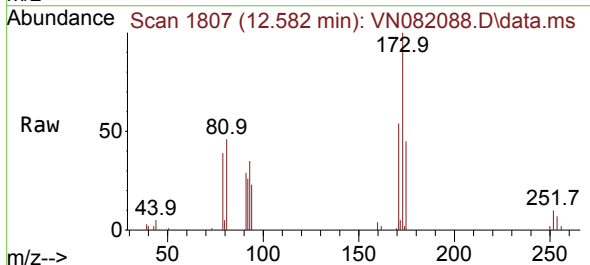
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

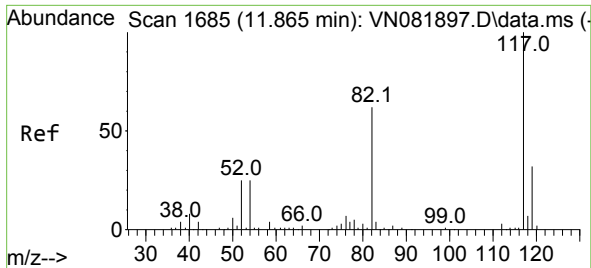
Tgt Ion: 63 Resp: 151331
Ion Ratio Lower Upper
63 100
65 31.4 26.2 39.2
106 23.3 23.8 35.8#



#56
Bromoform
Concen: 17.792 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 173 Resp: 20436
Ion Ratio Lower Upper
173 100
175 53.0 40.0 60.0
254 6.9 8.3 12.5#

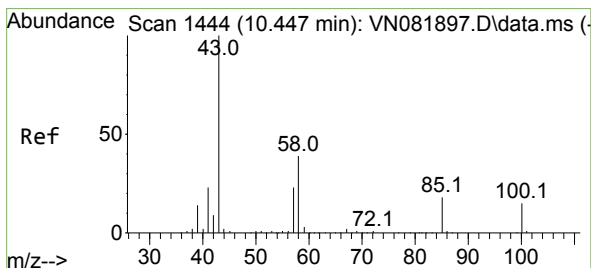
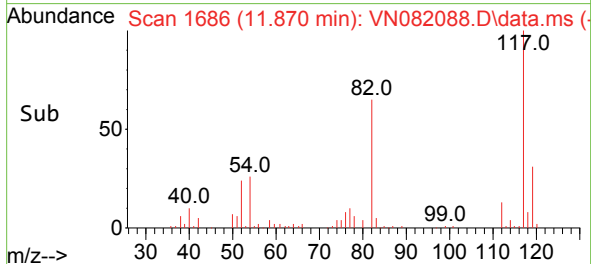
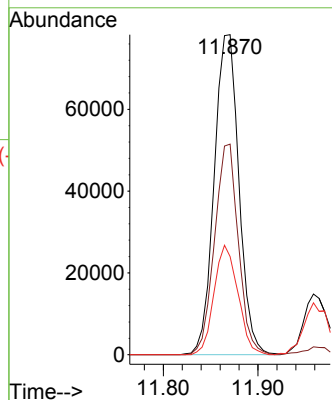
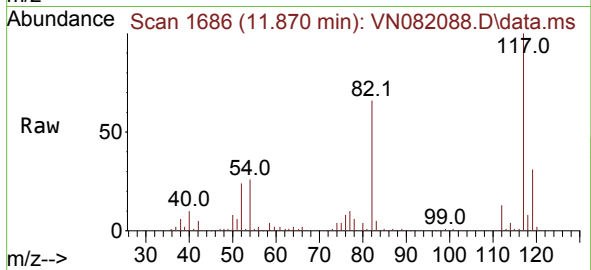




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

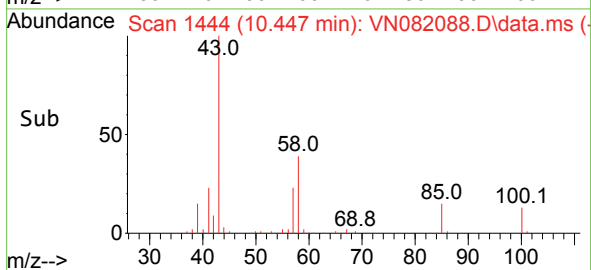
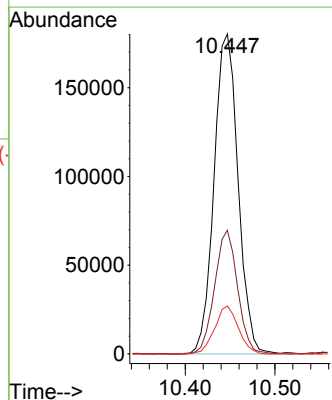
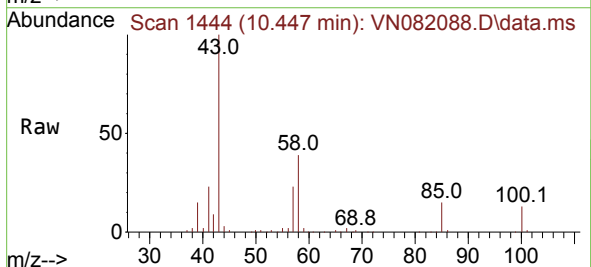
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

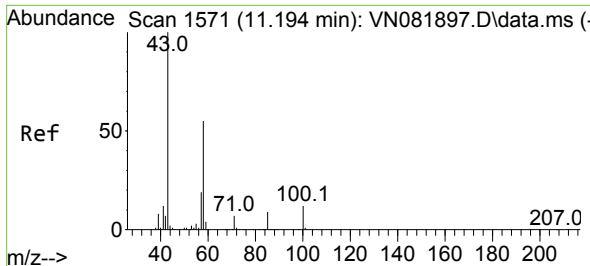
Tgt Ion:117 Resp: 142004
Ion Ratio Lower Upper
117 100
82 63.4 46.6 69.8
119 33.1 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 121.517 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 43 Resp: 335058
Ion Ratio Lower Upper
43 100
58 37.0 36.5 54.7
85 14.8 19.5 29.3#

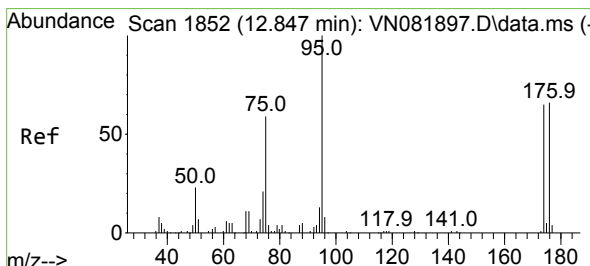
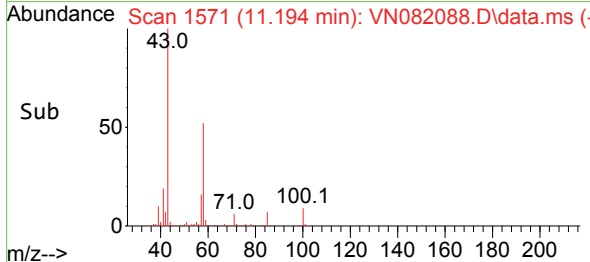
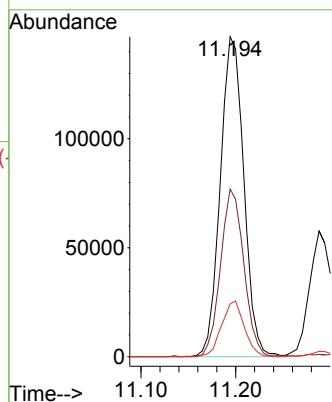
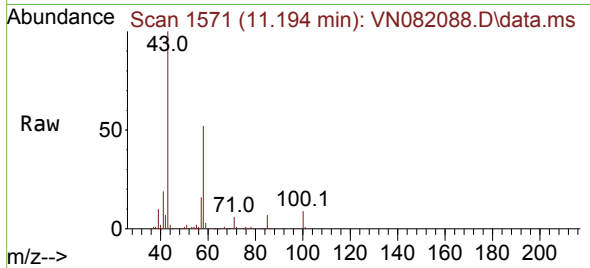




#59
2-Hexanone
Concen: 124.043 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

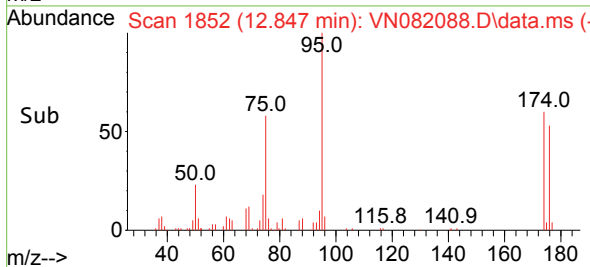
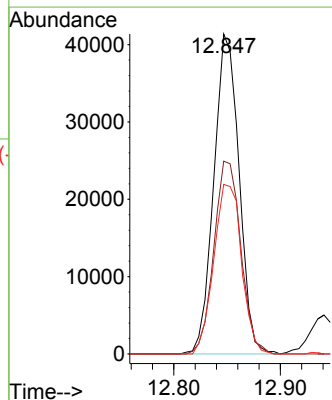
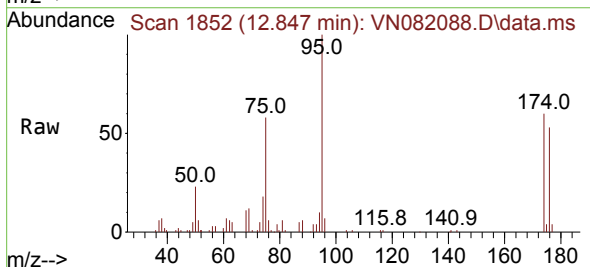
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

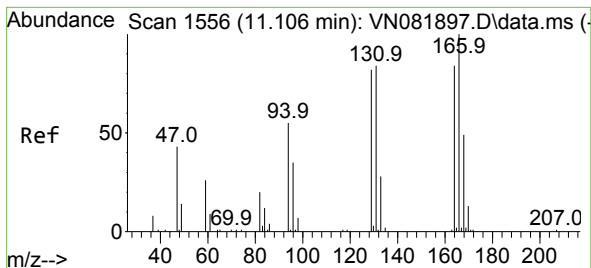
Tgt Ion: 43 Resp: 253590
Ion Ratio Lower Upper
43 100
58 51.9 50.4 75.6
57 16.8 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 28.778 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 95 Resp: 68009
Ion Ratio Lower Upper
95 100
174 64.3 60.5 90.7
176 58.3 57.8 86.6





#61

Tetrachloroethene

Concen: 19.130 ug/l

RT: 11.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

Tgt Ion:164 Resp: 30143

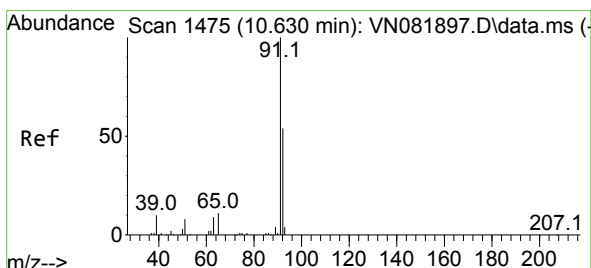
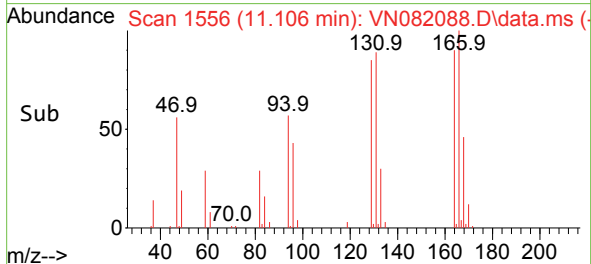
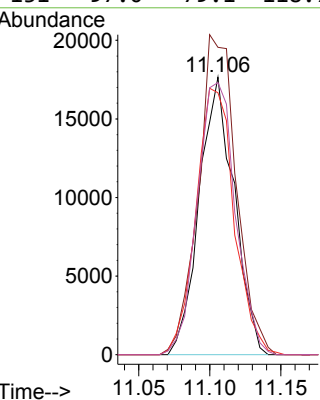
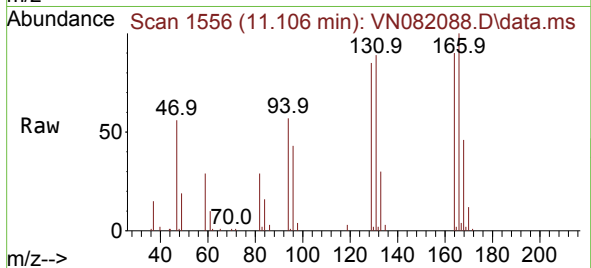
Ion Ratio Lower Upper

164 100

166 108.9 106.7 160.1

129 92.9 85.8 128.6

131 97.0 79.1 118.7



#62

Toluene

Concen: 22.047 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN082088.D

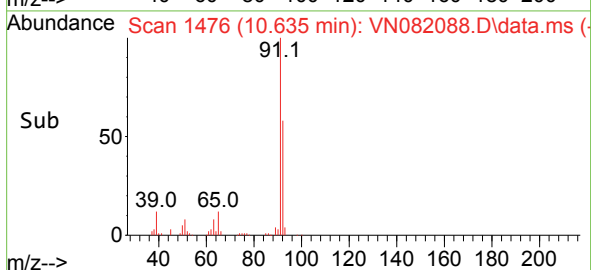
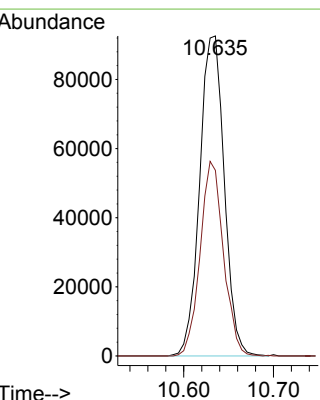
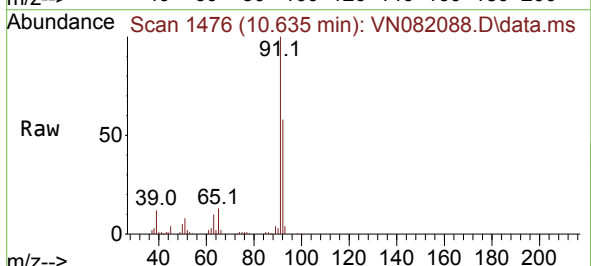
Acq: 13 May 2024 11:37

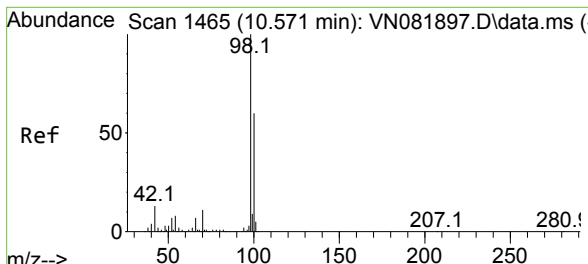
Tgt Ion: 91 Resp: 176154

Ion Ratio Lower Upper

91 100

92 57.7 46.5 69.7

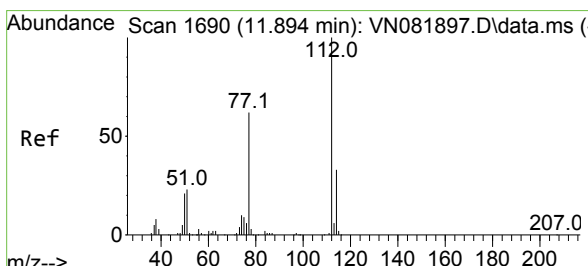
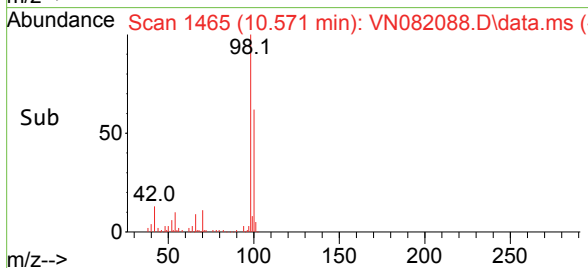
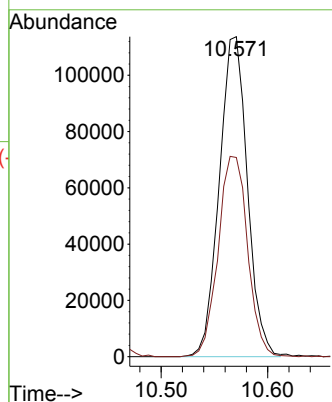
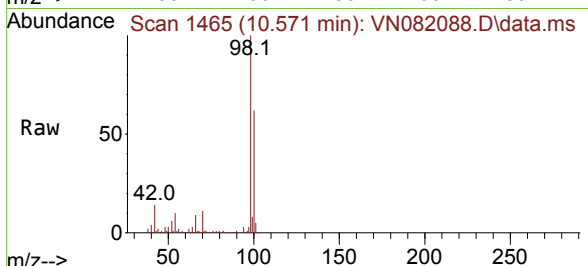




#63
Toluene-d8
Concen: 30.932 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

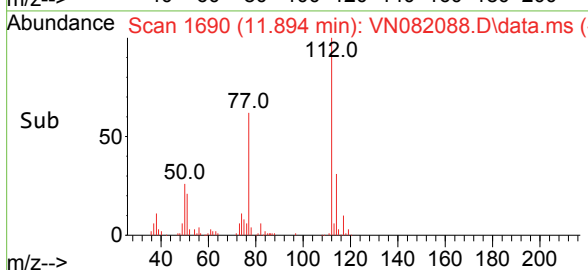
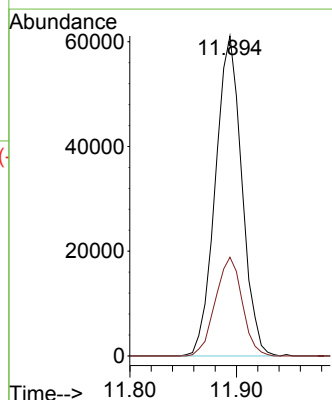
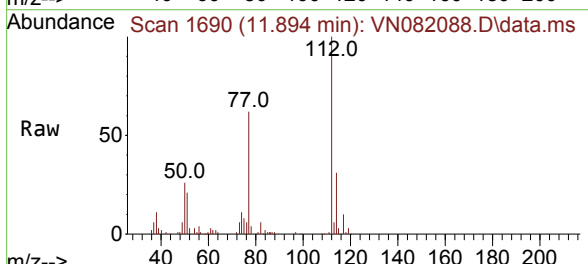
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

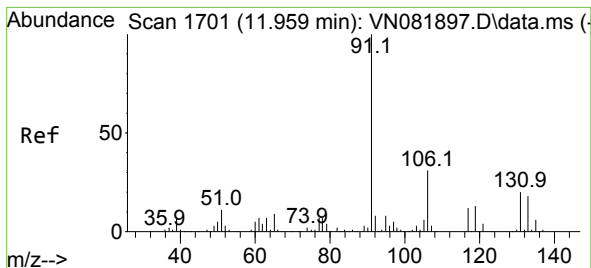
Tgt Ion: 98 Resp: 208601
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#64
Chlorobenzene
Concen: 21.547 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 112 Resp: 105299
Ion Ratio Lower Upper
112 100
114 30.9 26.6 39.8

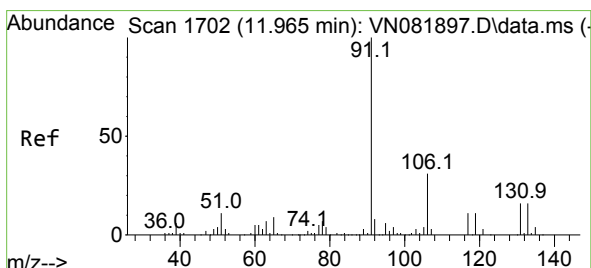
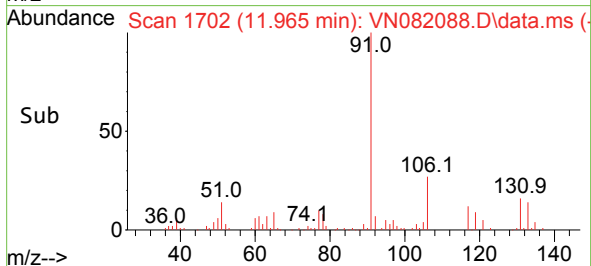
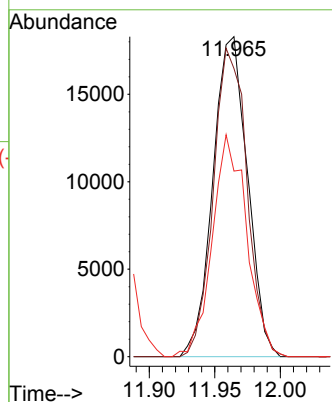
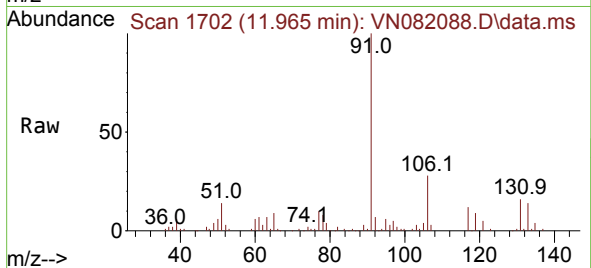




#65
1,1,1,2-Tetrachloroethane
Concen: 20.991 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

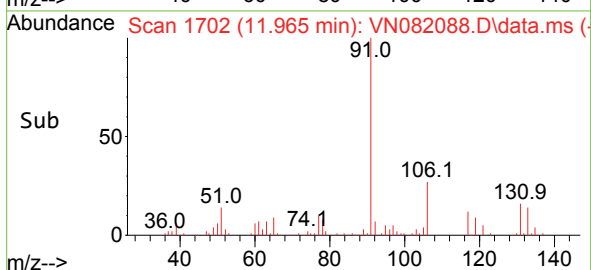
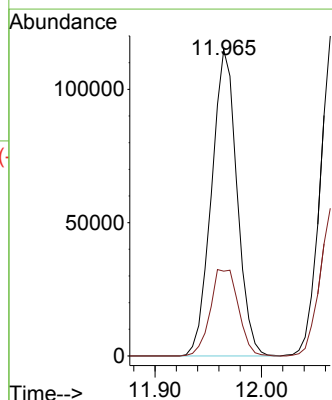
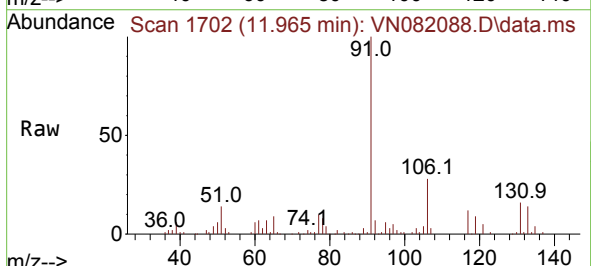
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

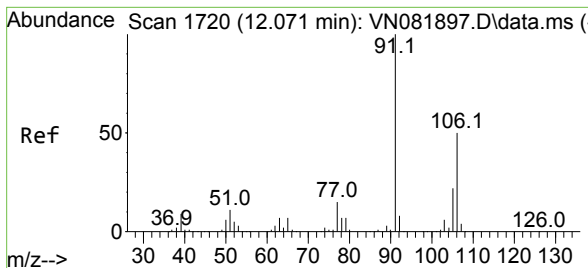
Tgt Ion:131 Resp: 33575
Ion Ratio Lower Upper
131 100
133 93.7 0.0 188.0
119 69.0 0.0 122.8



#66
Ethyl Benzene
Concen: 21.817 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 91 Resp: 191075
Ion Ratio Lower Upper
91 100
106 27.7 24.4 36.6

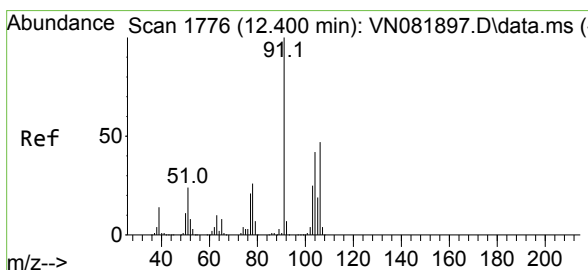
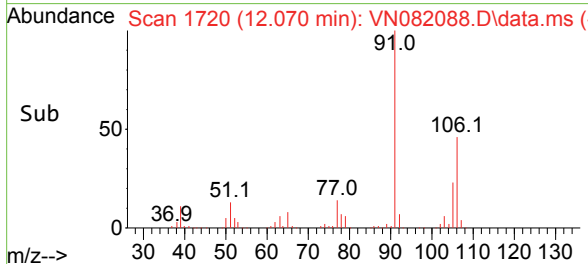
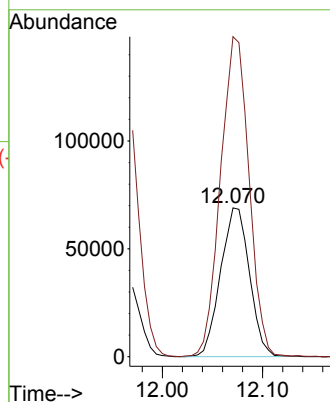
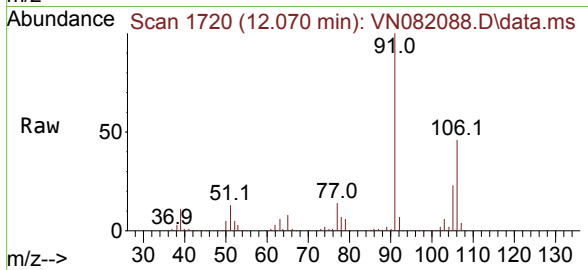




#67
m/p-Xylenes
Concen: 42.453 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

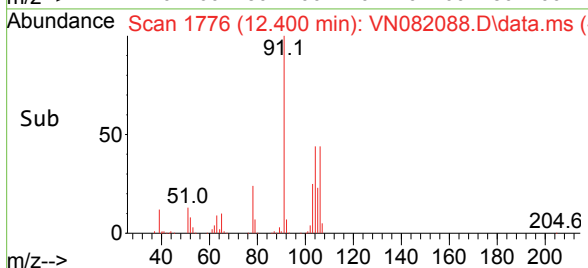
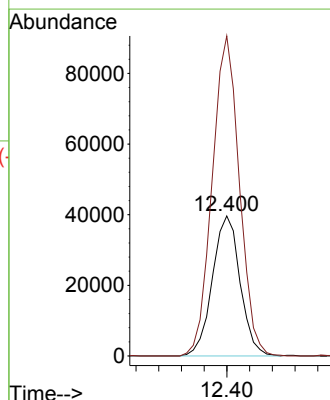
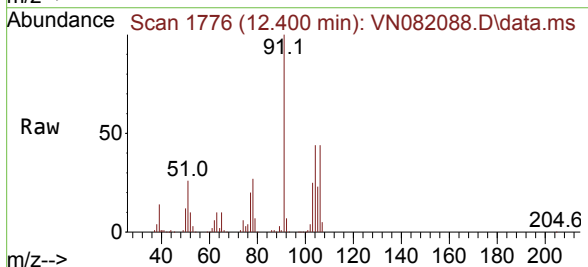
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

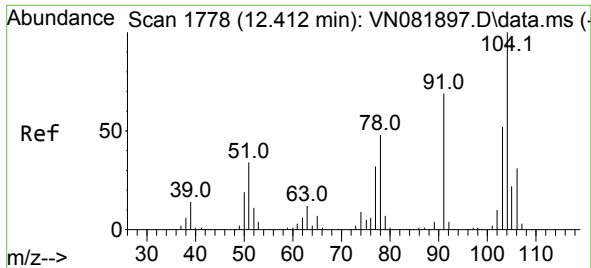
Tgt Ion:106 Resp: 137853
Ion Ratio Lower Upper
106 100
91 212.3 166.6 249.8



#68
o-Xylene
Concen: 20.885 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:106 Resp: 67097
Ion Ratio Lower Upper
106 100
91 224.4 110.0 330.0

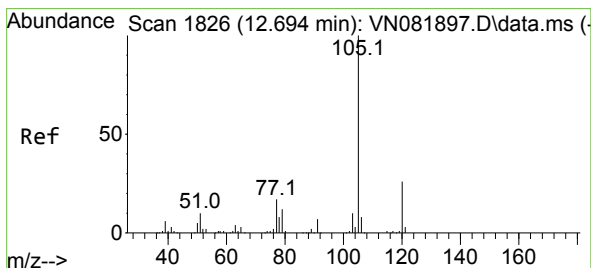
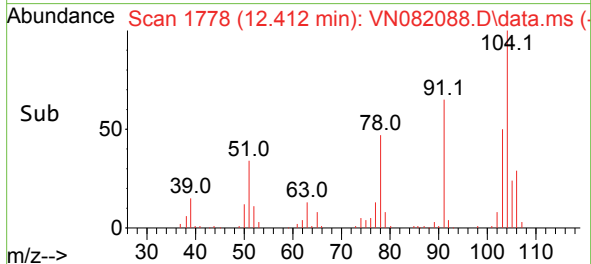
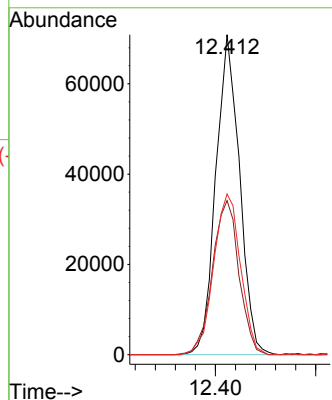
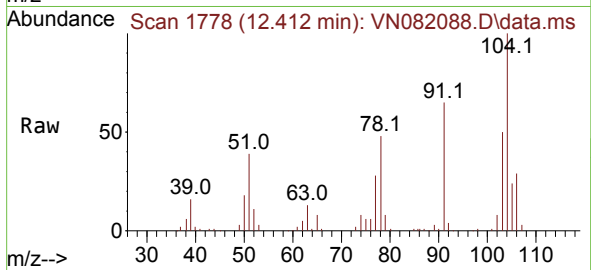




#69
Styrene
Concen: 21.527 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

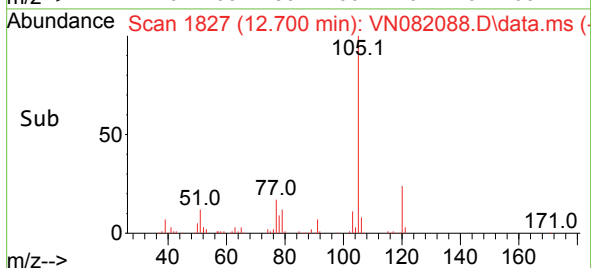
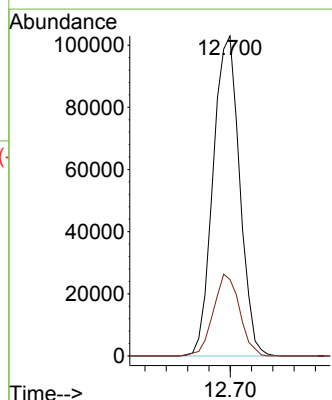
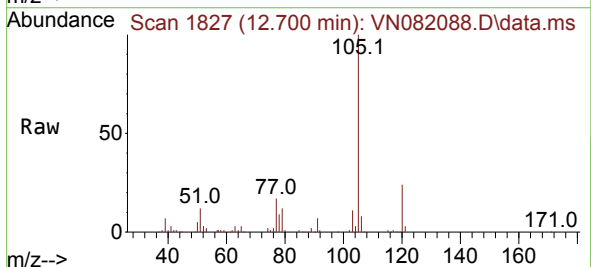
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

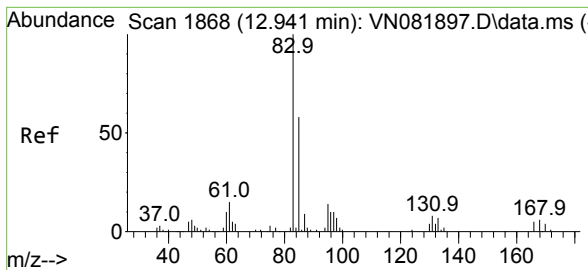
Tgt Ion:104 Resp: 116096
Ion Ratio Lower Upper
104 100
78 53.9 42.6 64.0
103 57.0 43.7 65.5



#70
Isopropylbenzene
Concen: 21.800 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:105 Resp: 177874
Ion Ratio Lower Upper
105 100
120 25.3 17.8 33.1

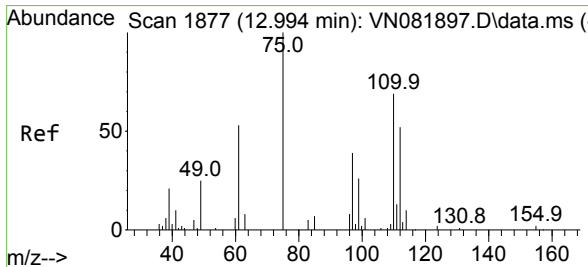
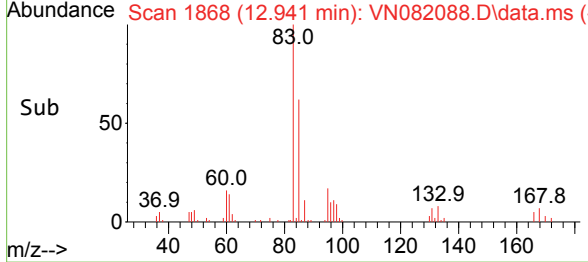
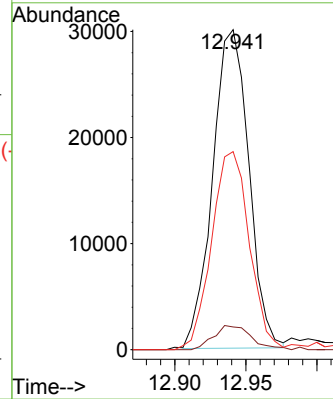
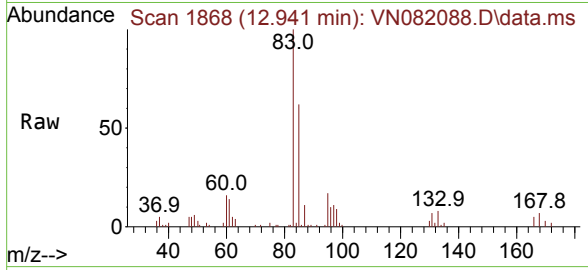




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.687 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

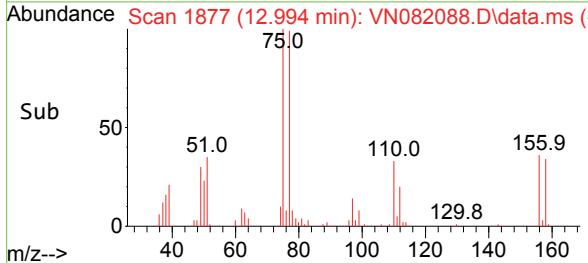
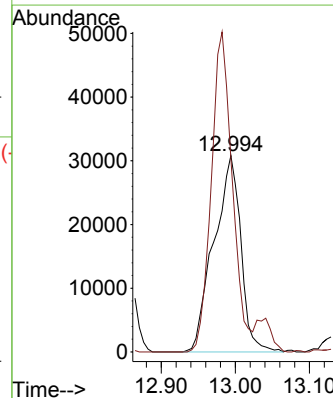
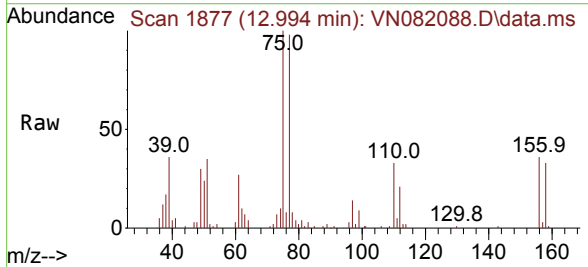
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01

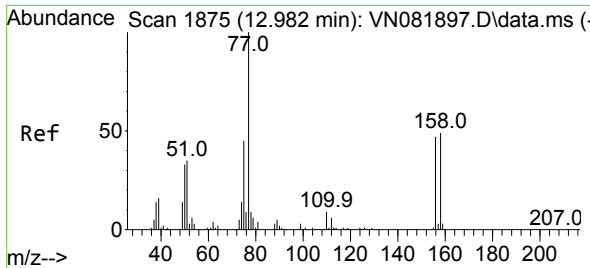
Tgt Ion: 83 Resp: 53269
 Ion Ratio Lower Upper
 83 100
 131 7.9 5.2 15.6
 85 64.5 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 35.437 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

Tgt Ion: 75 Resp: 77791
 Ion Ratio Lower Upper
 75 100
 77 128.0 0.0 367.6

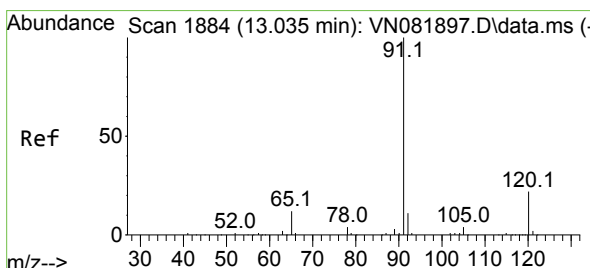
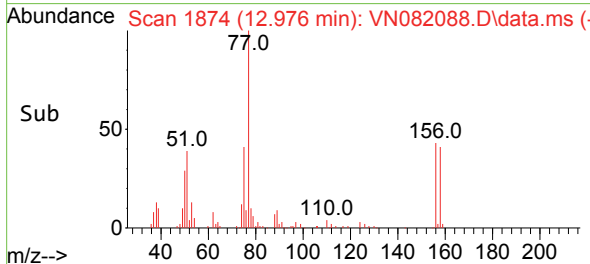
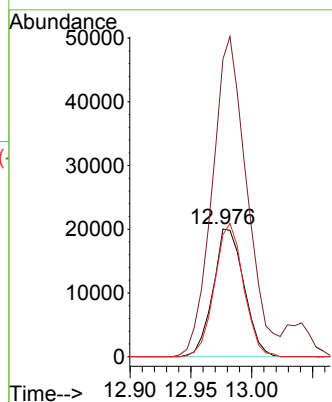
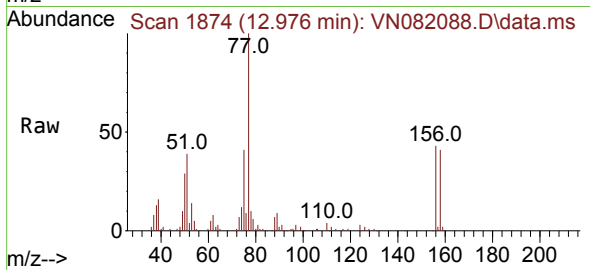




#73
Bromobenzene
Concen: 20.242 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

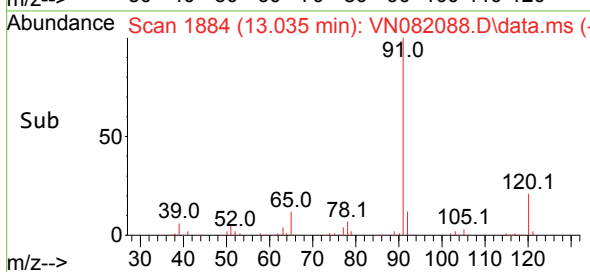
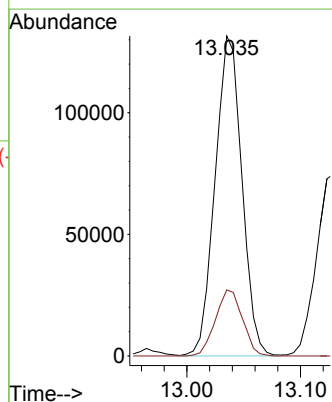
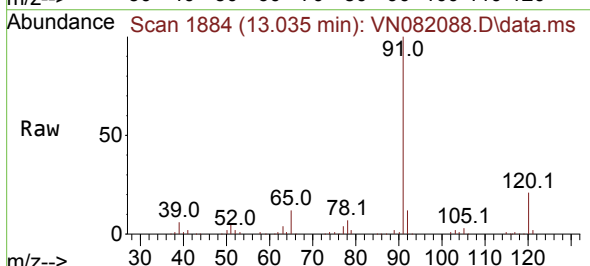
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

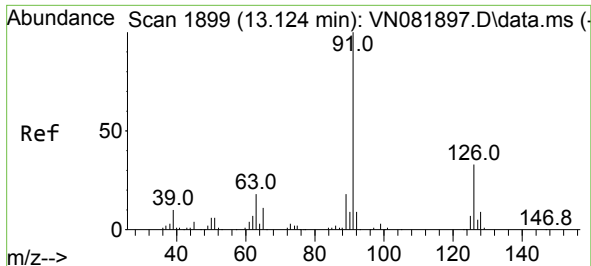
Tgt Ion:	156	Resp:	35355
Ion Ratio	Lower	Upper	
156	100		
77	281.6	0.0	437.6
158	97.8	0.0	203.8



#74
n-propylbenzene
Concen: 22.419 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:	91	Resp:	215816
Ion Ratio	Lower	Upper	
91	100		
120	20.7	0.0	43.8

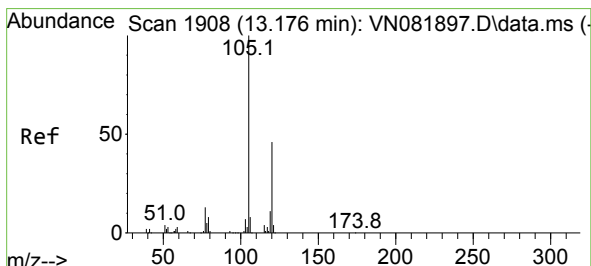
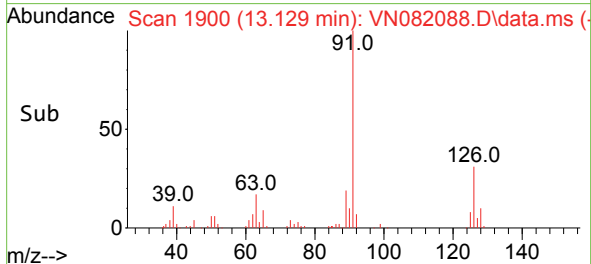
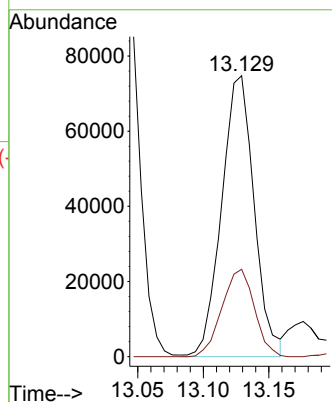
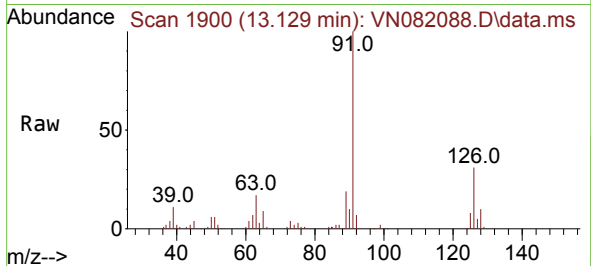




#75
2-Chlorotoluene
Concen: 21.670 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

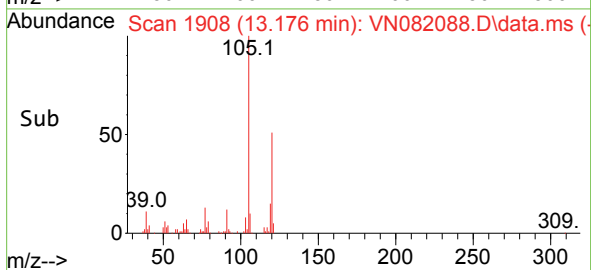
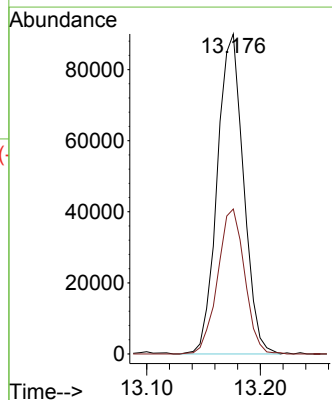
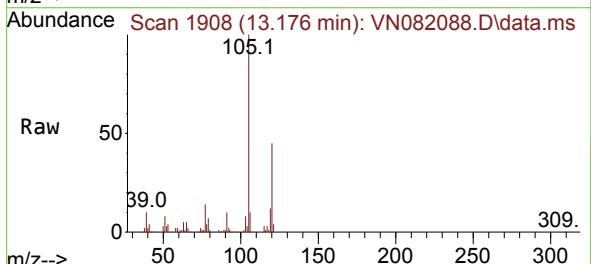
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

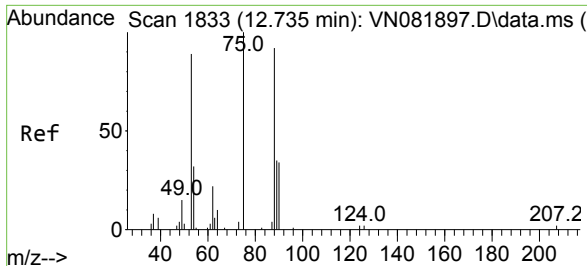
Tgt Ion: 91 Resp: 129049
Ion Ratio Lower Upper
91 100
126 30.9 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 21.882 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 105 Resp: 144516
Ion Ratio Lower Upper
105 100
120 46.4 0.0 95.8

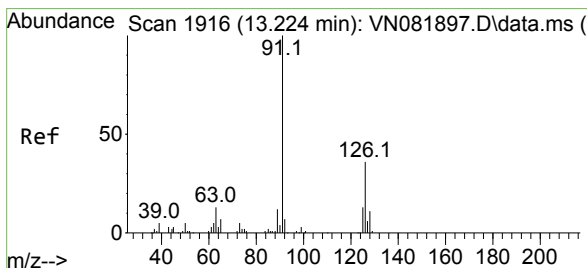
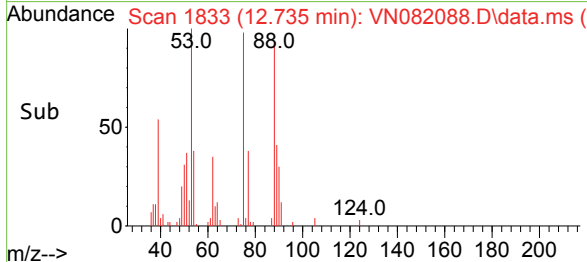
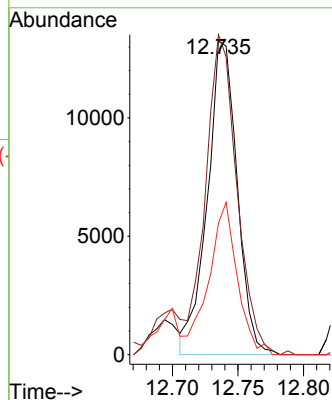
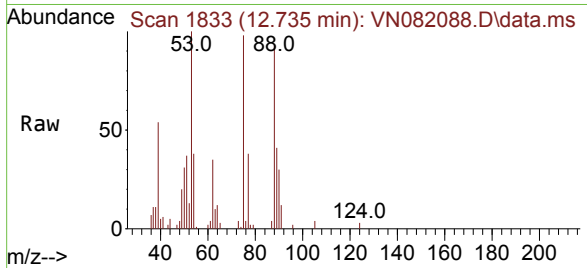




#77
t-1,4-Dichloro-2-butene
Concen: 21.428 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

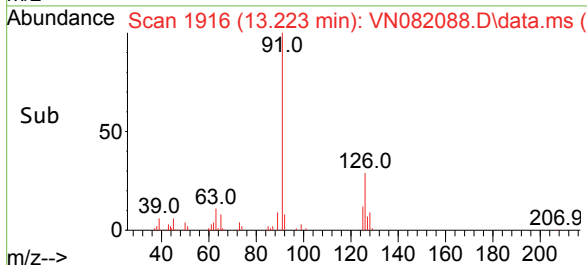
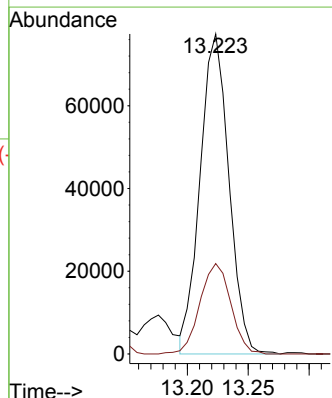
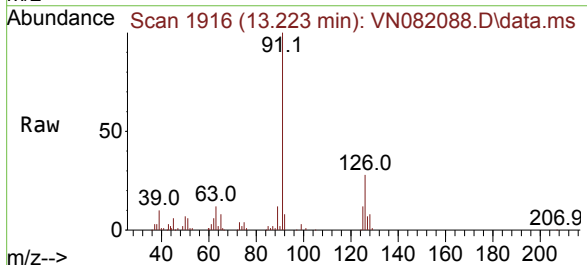
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

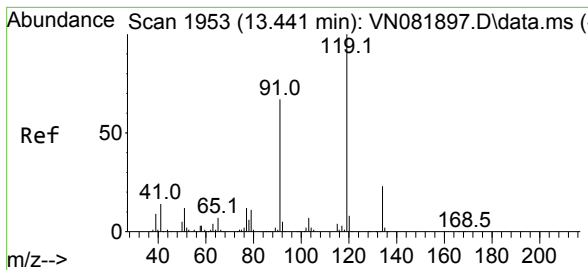
Tgt Ion: 75 Resp: 20936
Ion Ratio Lower Upper
75 100
53 102.1 45.9 137.7
89 41.9 25.9 77.7



#78
4-Chlorotoluene
Concen: 21.815 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 91 Resp: 127275
Ion Ratio Lower Upper
91 100
126 30.2 0.0 62.8

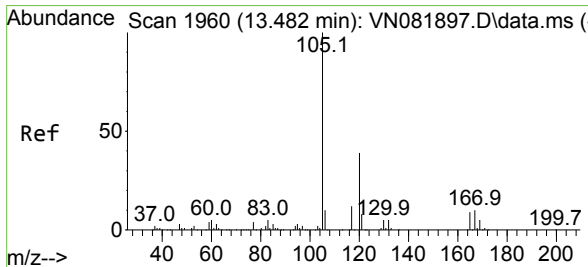
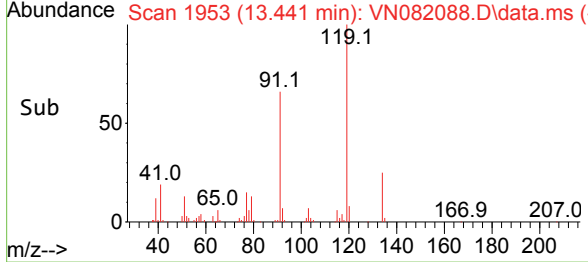
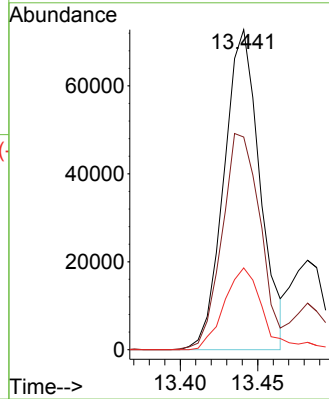
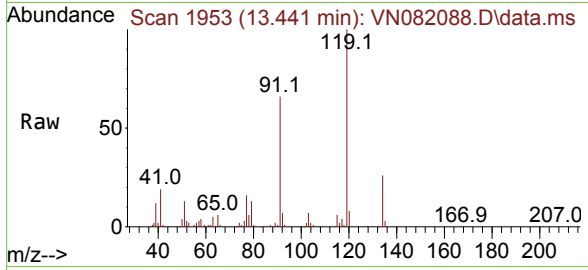




#79
tert-butylbenzene
Concen: 20.703 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

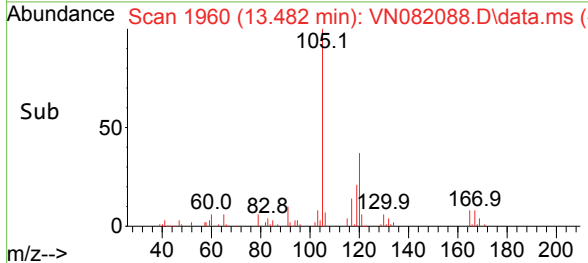
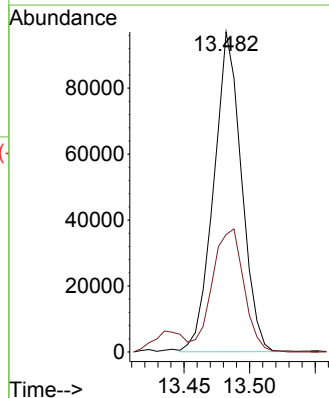
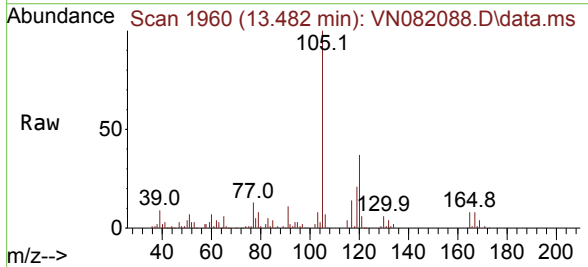
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

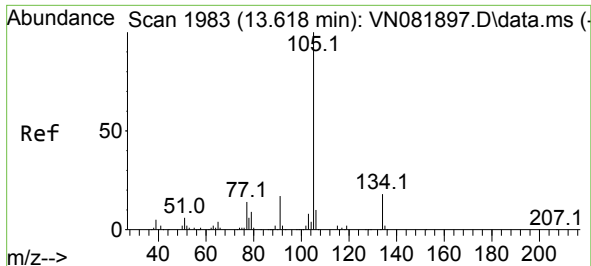
Tgt Ion:119 Resp: 117726
Ion Ratio Lower Upper
119 100
91 71.4 0.0 138.8
134 26.6 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 21.522 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:105 Resp: 142773
Ion Ratio Lower Upper
105 100
120 43.9 0.0 86.8

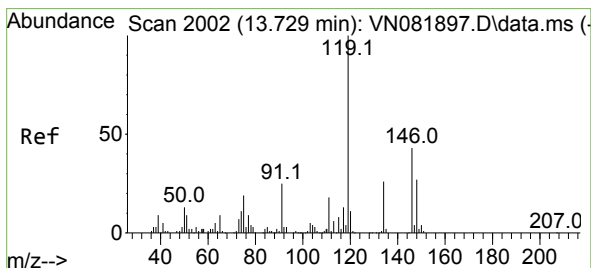
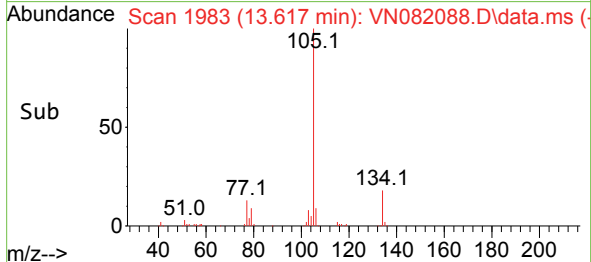
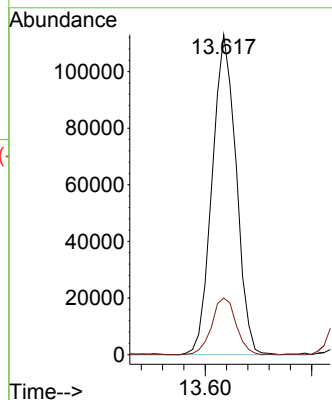
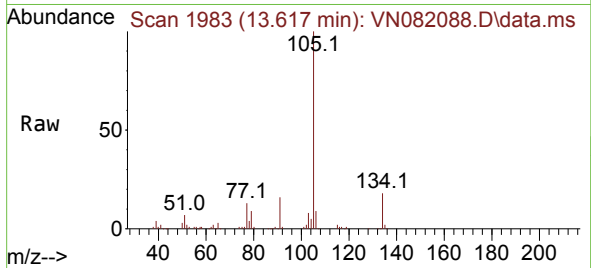




#81
 sec-Butylbenzene
 Concen: 22.173 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

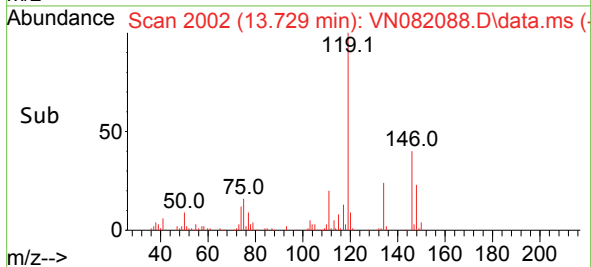
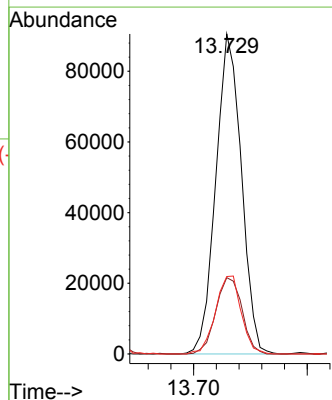
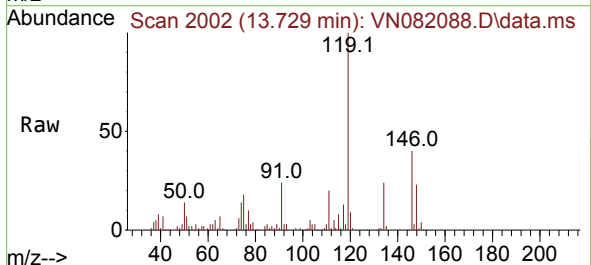
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01

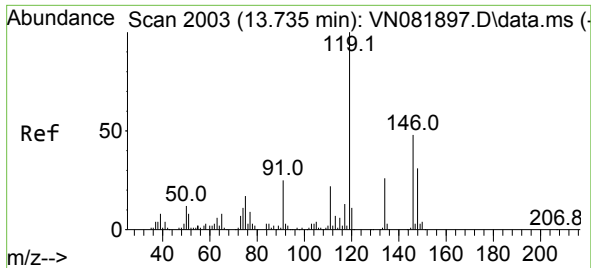
Tgt Ion:105 Resp: 176736
 Ion Ratio Lower Upper
 105 100
 134 18.0 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 22.453 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082088.D
 Acq: 13 May 2024 11:37

Tgt Ion:119 Resp: 141521
 Ion Ratio Lower Upper
 119 100
 134 24.5 0.0 49.2
 91 24.6 0.0 48.8

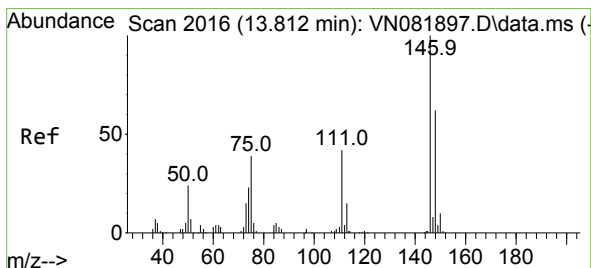
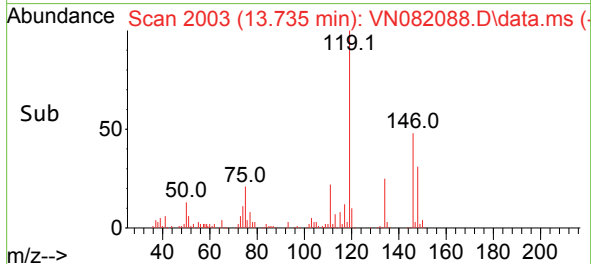
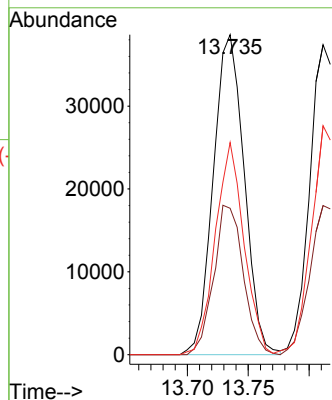
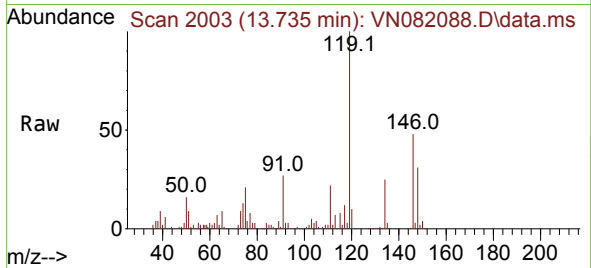




#83
1,3-Dichlorobenzene
Concen: 21.686 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

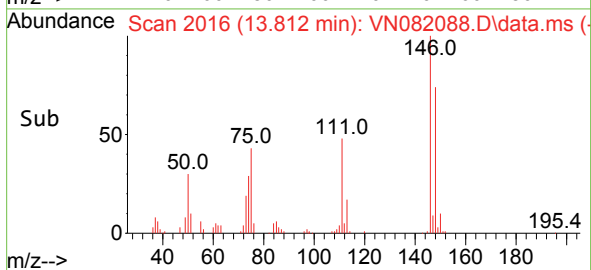
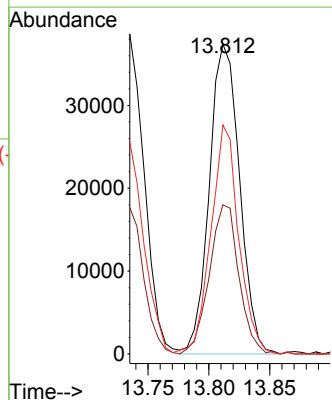
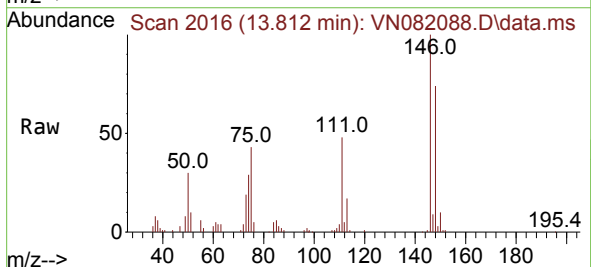
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

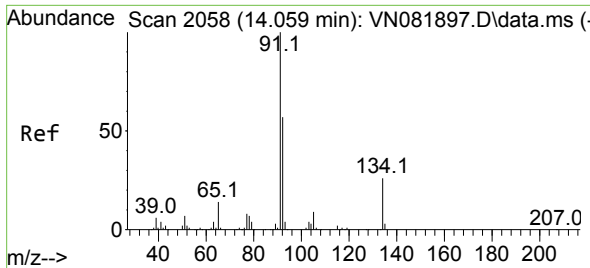
Tgt Ion:146 Resp: 68201
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 61.6 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 20.454 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:146 Resp: 64657
Ion Ratio Lower Upper
146 100
111 47.1 21.3 63.9
148 68.0 31.9 95.5

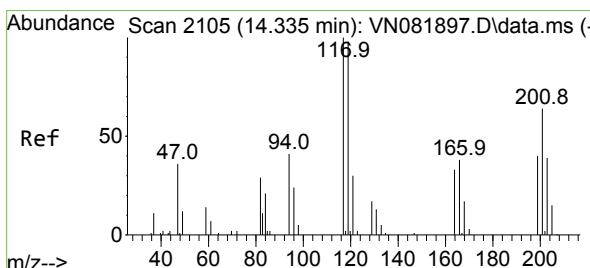
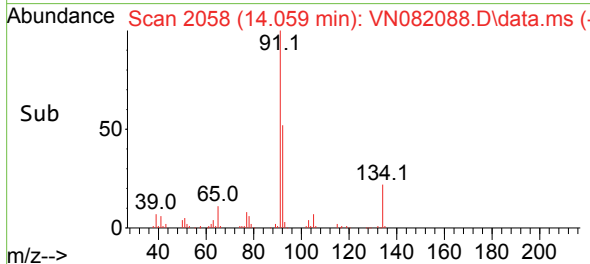
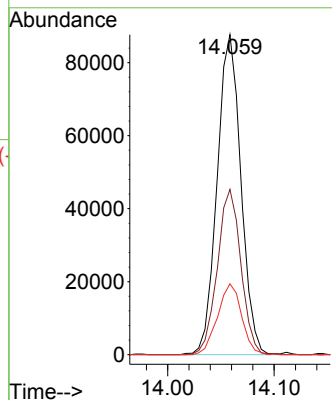
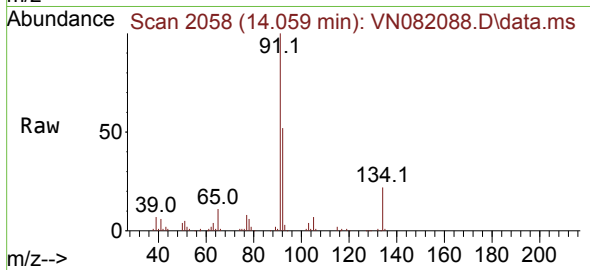




#85
n-Butylbenzene
Concen: 23.615 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

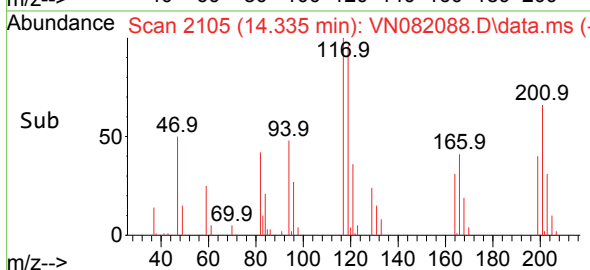
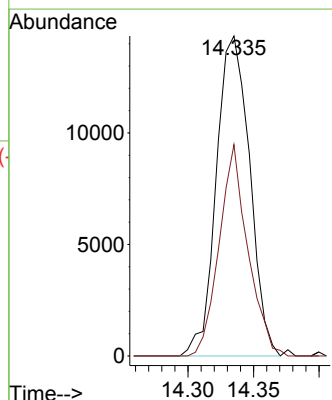
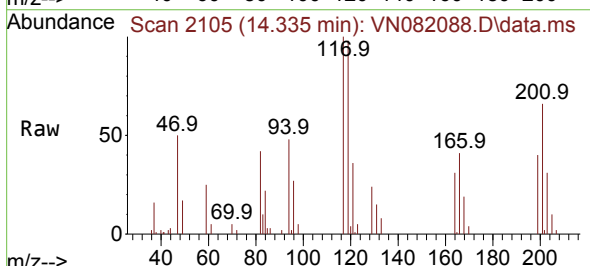
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

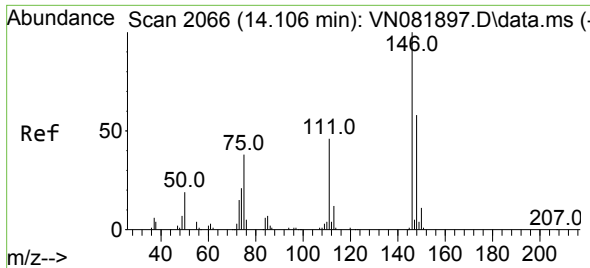
Tgt Ion: 91 Resp: 135963
Ion Ratio Lower Upper
91 100
92 51.0 0.0 105.0
134 22.4 0.0 51.8



#86
Hexachloroethane
Concen: 20.203 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion: 117 Resp: 25390
Ion Ratio Lower Upper
117 100
201 56.7 38.0 114.0

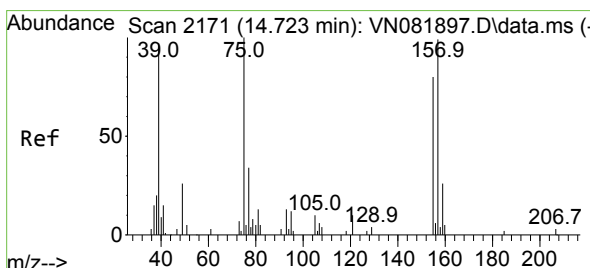
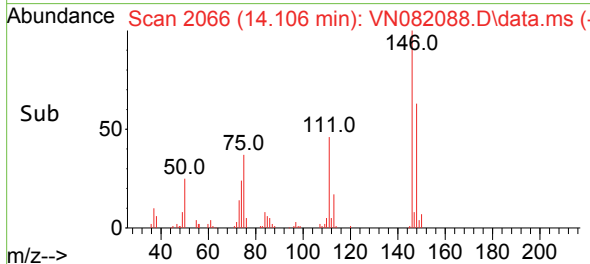
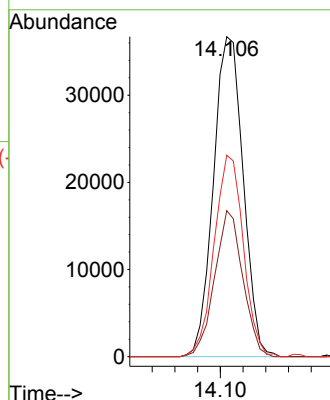
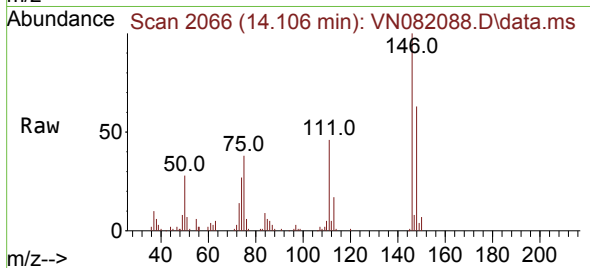




#87
1,2-Dichlorobenzene
Concen: 21.357 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

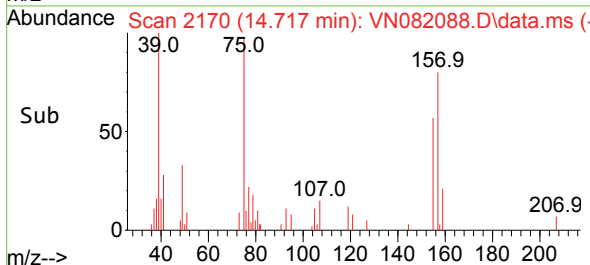
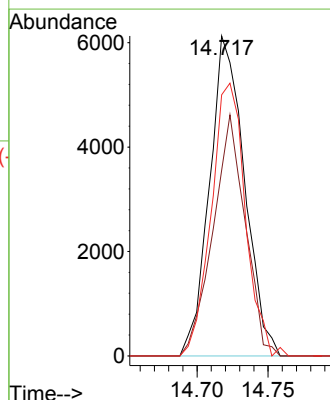
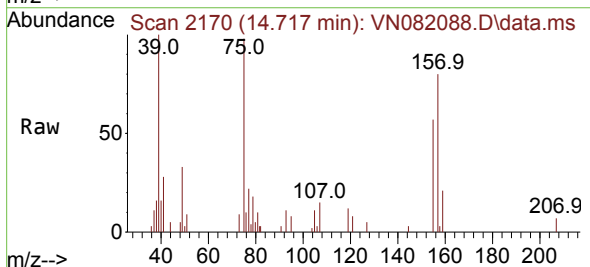
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

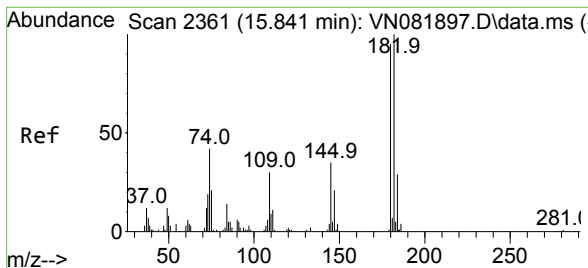
Tgt Ion:	146	Resp:	66898
Ion Ratio	Lower	Upper	
146	100		
111	43.1	22.6	67.8
148	61.6	31.3	93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.905 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:	75	Resp:	10488
Ion Ratio	Lower	Upper	
75	100		
155	69.5	61.7	92.5
157	82.6	83.6	125.4#





#89

1,2,4-Trichlorobenzene

Concen: 18.716 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

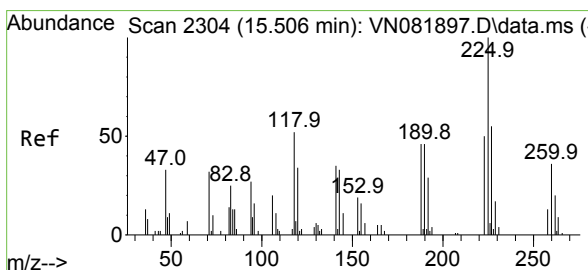
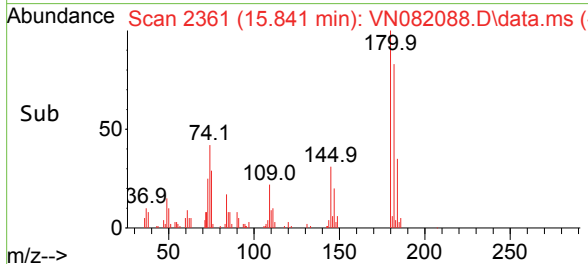
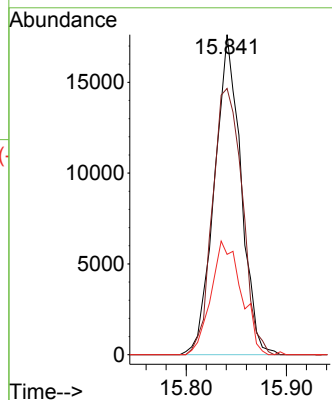
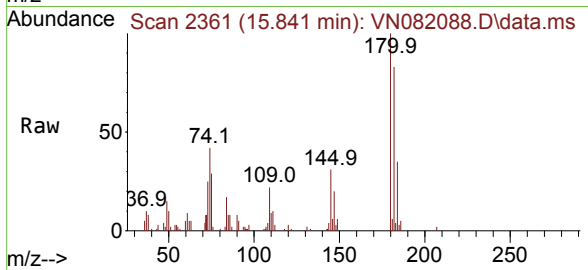
Tgt Ion:180 Resp: 32281

Ion Ratio Lower Upper

180 100

182 93.6 76.4 114.6

145 41.0 28.4 42.6



#90

Hexachlorobutadiene

Concen: 19.129 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN082088.D

Acq: 13 May 2024 11:37

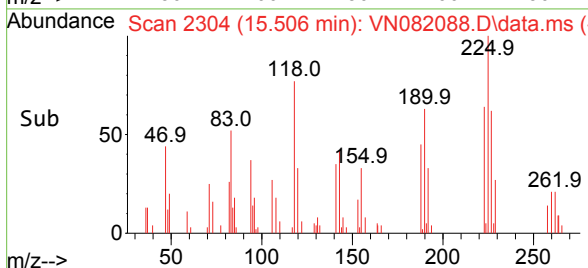
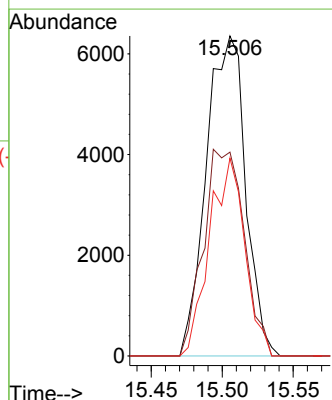
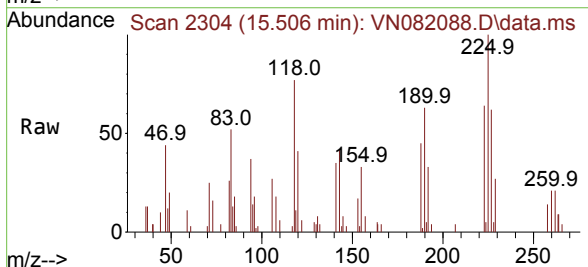
Tgt Ion:225 Resp: 12219

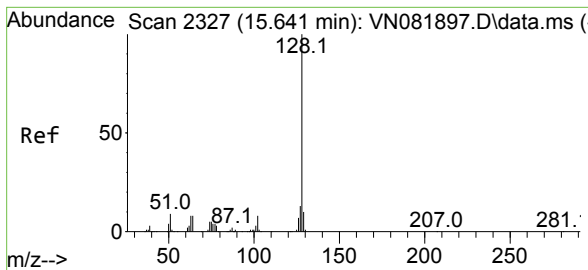
Ion Ratio Lower Upper

225 100

223 67.0 0.0 126.6

227 55.5 0.0 126.6

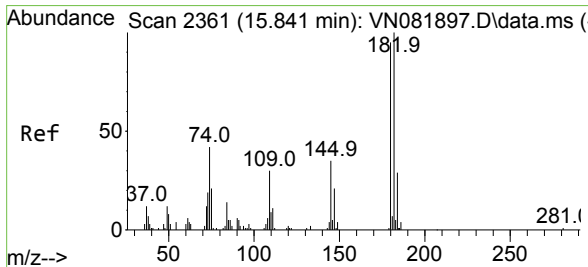
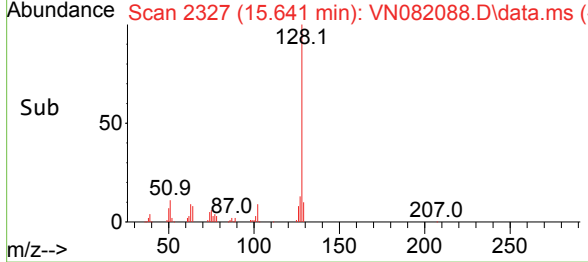
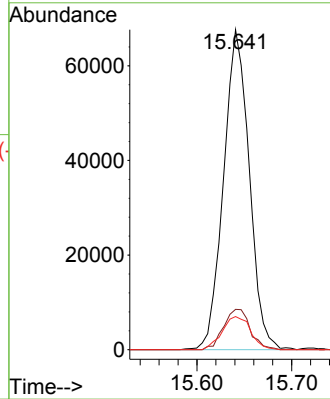
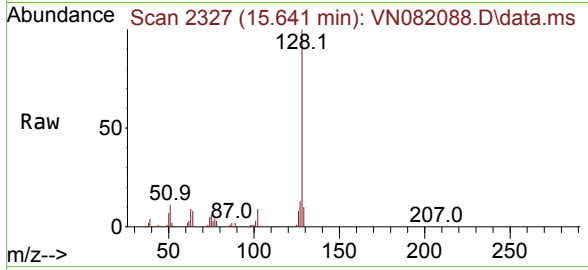




#91
Naphthalene
Concen: 19.408 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:128 Resp: 127250
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.5 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.716 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082088.D
Acq: 13 May 2024 11:37

Tgt Ion:180 Resp: 32281
Ion Ratio Lower Upper
180 100
182 93.6 0.0 191.0
145 41.0 0.0 71.0

