

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082112.D
 Acq On : 13 May 2024 21:32
 Operator : JC\MD
 Sample : VSTDC00020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC00020EC

Quant Time: May 14 03:37:59 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	7.812	128	23414	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	136463	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	119914	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	64922	33.118	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 110.400%#	
60) 4-Bromofluorobenzene	12.853	95	57459	28.792	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.967%	
63) Toluene-d8	10.571	98	179638	31.544	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 105.133%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	23007	17.311	ug/l	87
3) Chloromethane	2.365	50	33556	21.770	ug/l	99
4) Vinyl Chloride	2.518	62	33316	22.881	ug/l	99
5) Bromomethane	2.965	94	14913	19.628	ug/l	89
6) Chloroethane	3.124	64	21486	26.059	ug/l	92
7) Trichlorofluoromethane	3.500	101	40478	18.998	ug/l	86
8) Diethyl Ether	3.953	74	22054	21.382	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	15706	10.753	ug/l	86
10) 1,1-Dichloroethene	4.342	96	26830	18.776	ug/l	89
11) Methyl Iodide	4.589	142	14726	11.276	ug/l	81
12) Methyl Acetate	5.030	43	33206	18.558	ug/l #	79
13) Acrolein	4.183	56	36242	95.301	ug/l	100
14) Acrylonitrile	5.724	53	94090	115.215	ug/l	97
15) Acetone	4.424	58	19697	107.636	ug/l	87
16) Carbon Disulfide	4.712	76	65564	16.561	ug/l #	94
17) Allyl chloride	5.024	41	52876	21.075	ug/l	89
18) Methylene Chloride	5.283	84	34470	21.200	ug/l #	76
19) trans-1,2-Dichloroethene	5.794	96	29228	19.650	ug/l	92
20) Diisopropyl ether	6.677	45	130267	23.467	ug/l	94
21) 1,1-Dichloroethane	6.571	63	67617	23.005	ug/l #	94
22) cis-1,2-Dichloroethene	7.488	96	38103	21.021	ug/l	92
23) tert-Butyl Alcohol	5.518	59	32670	97.122	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	108818	21.122	ug/l	96
25) Chloroform	7.971	83	61986	21.921	ug/l	99
26) Cyclohexane	8.259	56	47489	18.684	ug/l #	83
29) 1,1-Dichloropropene	8.371	75	40990	20.176	ug/l	84
30) 2-Butanone	7.483	43	123310	117.748	ug/l	93
31) 2,2-Dichloropropane	7.488	77	46294	22.236	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	47168	20.187	ug/l #	93
33) Carbon Tetrachloride	8.359	117	36267	19.126	ug/l	96
34) Benzene	8.606	78	142441	21.977	ug/l	94
35) Methacrylonitrile	7.782	41	30852	23.286	ug/l	93
36) 1,2-Dichloroethane	8.677	62	47746	21.945	ug/l	97
37) Trichloroethene	9.347	130	27995	17.635	ug/l	88
38) Methylcyclohexane	9.606	83	40122	16.348	ug/l	92
39) 1,2-Dichloropropane	9.624	63	39940	24.016	ug/l	94
40) Dibromomethane	9.706	93	23882	22.354	ug/l	67
41) Bromodichloromethane	9.888	83	49427	21.645	ug/l	94
42) Vinyl Acetate	6.606	43	498408	111.816	ug/l #	93

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: May 14 03:37:59 2024
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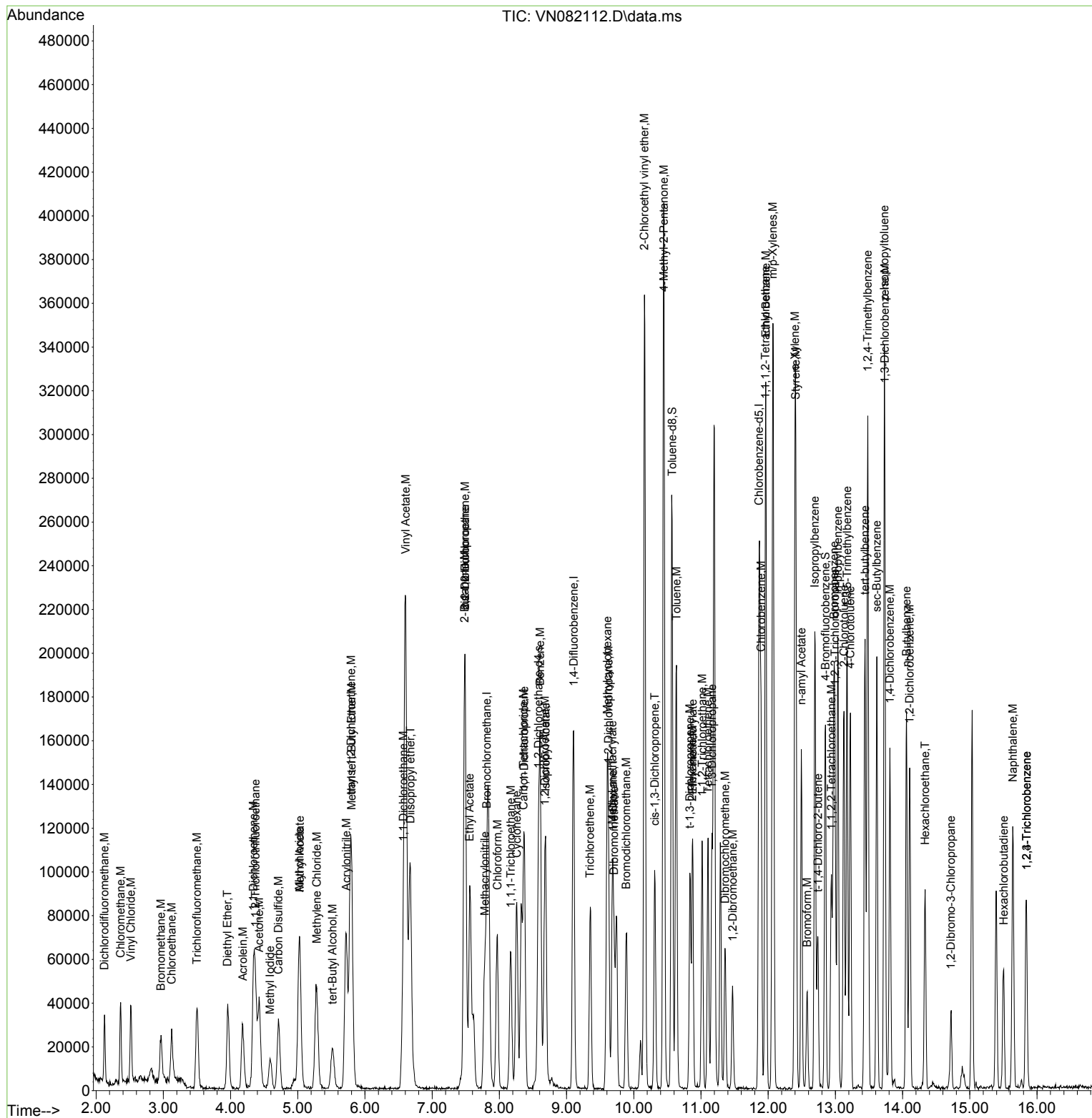
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43) Ethyl Acetate	7.559	43	52466	22.978	ug/l	99
44) Isopropyl Acetate	8.688	43	96852	23.893	ug/l #	86
45) 1,4-Dioxane	9.694	88	13527	416.103	ug/l #	90
46) Methyl methacrylate	9.682	41	43979	23.748	ug/l	88
47) n-amyl Acetate	12.494	43	82917	22.679	ug/l #	88
48) t-1,3-Dichloropropene	10.835	75	50065	20.218	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	56660	21.641	ug/l #	76
50) 1,1,2-Trichloroethane	11.018	97	33961	23.430	ug/l	92
51) Ethyl methacrylate	10.876	69	57134	20.885	ug/l	70
52) 1,3-Dichloropropane	11.165	76	60117	22.575	ug/l	99
53) Dibromochloromethane	11.359	129	31852	20.198	ug/l	95
54) 1,2-Dibromoethane	11.470	107	31284	21.642	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	160697	117.473	ug/l #	94
56) Bromoform	12.582	173	17978	18.731	ug/l #	91
58) 4-Methyl-2-Pentanone	10.447	43	287940	123.666	ug/l #	84
59) 2-Hexanone	10.871	43	3285	1.903	ug/l	97
61) Tetrachloroethene	11.106	164	19380	14.565	ug/l	94
62) Toluene	10.635	91	139724	20.709	ug/l	99
64) Chlorobenzene	11.894	112	85067	20.614	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	27325	20.230	ug/l	89
66) Ethyl Benzene	11.965	91	147642	19.963	ug/l	98
67) m/p-Xylenes	12.070	106	106387	38.799	ug/l	95
68) o-Xylene	12.400	106	53901	19.868	ug/l	98
69) Styrene	12.412	104	94564	20.765	ug/l	97
70) Isopropylbenzene	12.694	105	134919	19.582	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	48949	24.687	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	62356	33.639	ug/l	61
73) Bromobenzene	12.982	156	28480	19.310	ug/l	73
74) n-propylbenzene	13.035	91	163915	20.164	ug/l	96
75) 2-Chlorotoluene	13.129	91	102351	20.353	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	108793	19.507	ug/l	96
77) t-1,4-Dichloro-2-butene	12.741	75	16197	19.631	ug/l	89
78) 4-Chlorotoluene	13.223	91	98197	19.932	ug/l	100
79) tert-butylbenzene	13.441	119	92866	19.340	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	111863	19.969	ug/l	96
81) sec-Butylbenzene	13.617	105	127858	18.995	ug/l	97
82) p-Isopropyltoluene	13.729	119	98327	18.474	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	50534	19.028	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	49787	18.651	ug/l	97
85) n-Butylbenzene	14.059	91	94858	19.511	ug/l	98
86) Hexachloroethane	14.335	117	18890	17.800	ug/l	77
87) 1,2-Dichlorobenzene	14.106	146	49247	18.618	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	14.717	75	8692	19.536	ug/l	89
89) 1,2,4-Trichlorobenzene	15.847	180	26692	18.327	ug/l	95
90) Hexachlorobutadiene	15.506	225	8447	15.660	ug/l	96
91) Naphthalene	15.641	128	101852	18.396	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	26692	18.327	ug/l	95

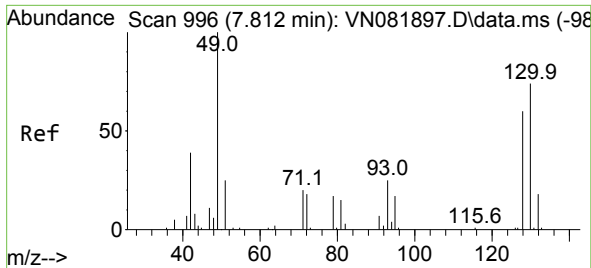
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 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC020EC

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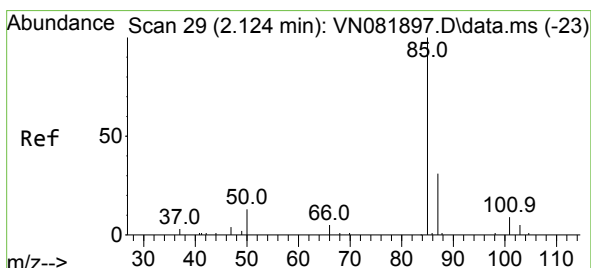
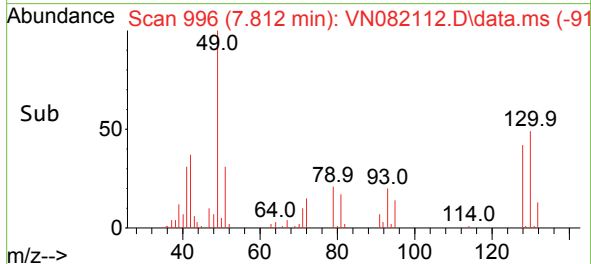
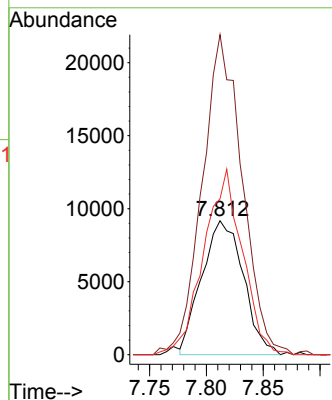
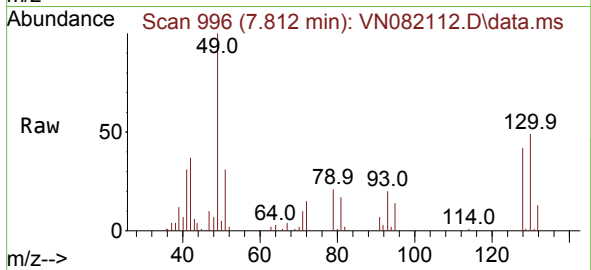




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

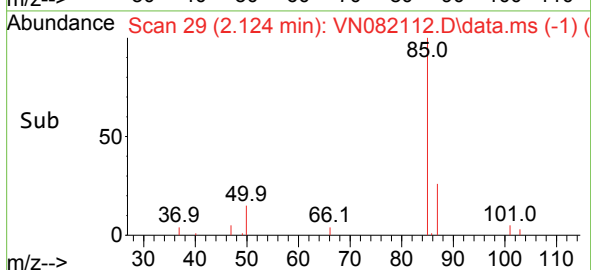
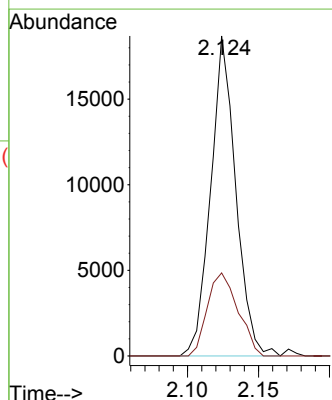
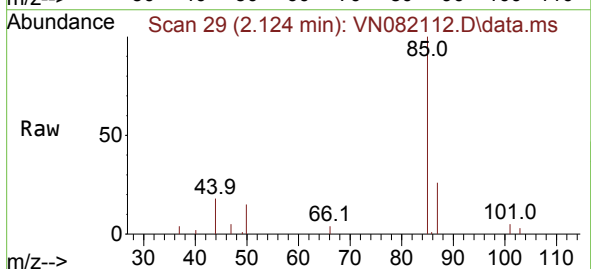
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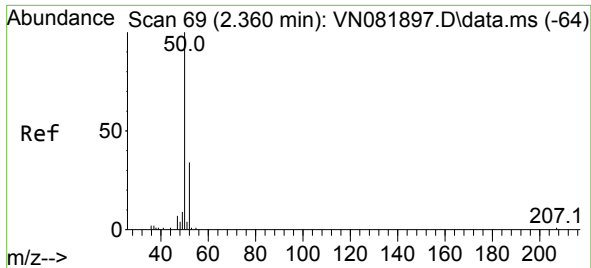
Tgt Ion:128 Resp: 23414
Ion Ratio Lower Upper
128 100
49 228.7 0.0 403.7
130 128.7 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 17.311 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 85 Resp: 23007
Ion Ratio Lower Upper
85 100
87 26.0 16.8 50.3

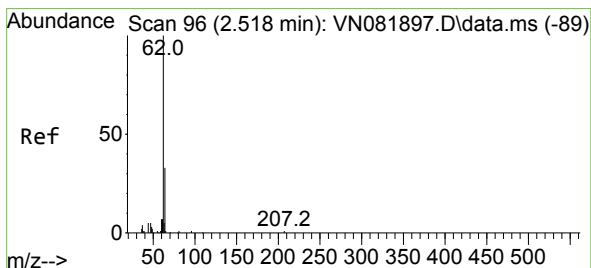
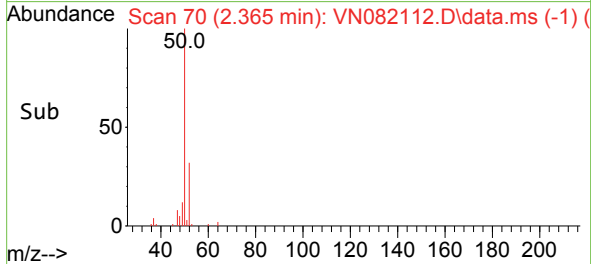
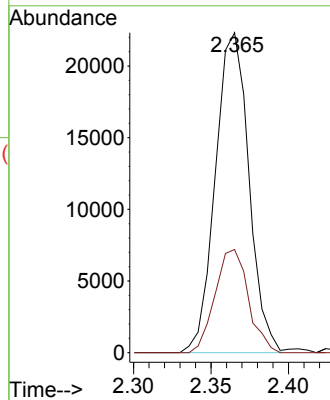
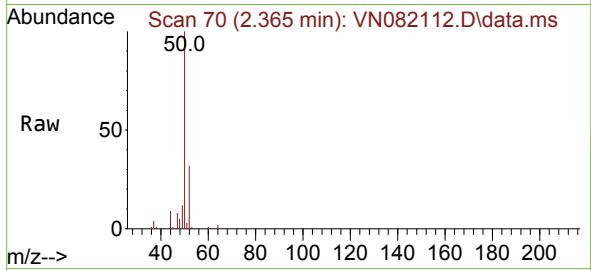




#3
Chloromethane
Concen: 21.770 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

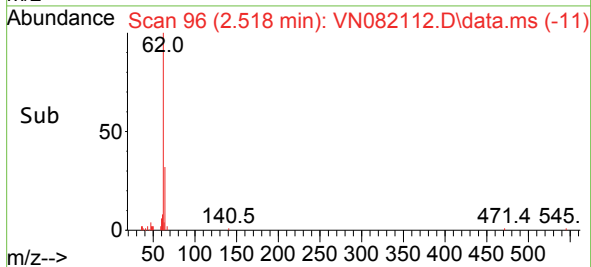
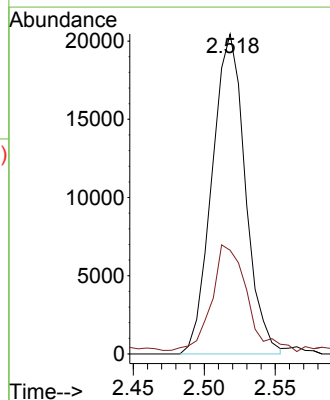
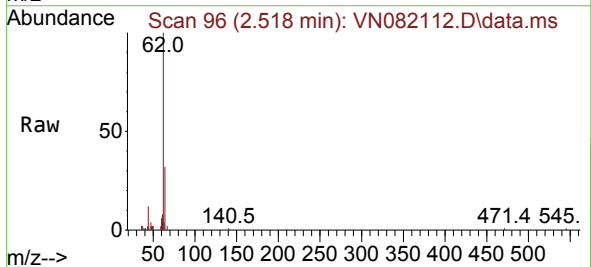
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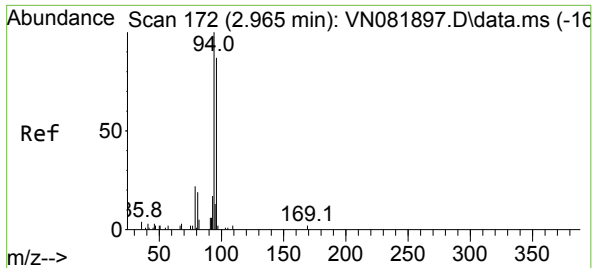
Tgt Ion: 50 Resp: 33556
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0



#4
Vinyl Chloride
Concen: 22.881 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 62 Resp: 33316
Ion Ratio Lower Upper
62 100
64 30.4 24.1 36.1

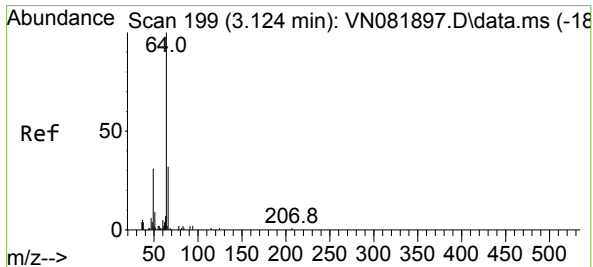
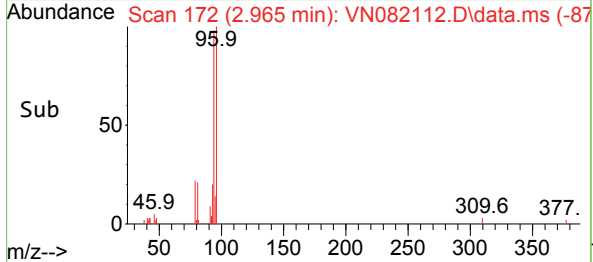
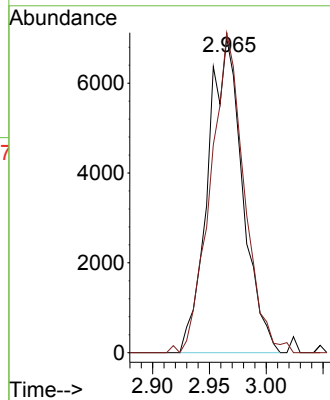
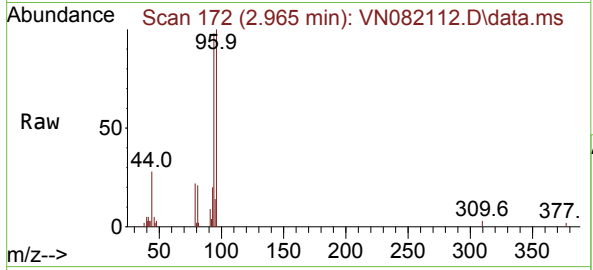




#5
Bromomethane
Concen: 19.628 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

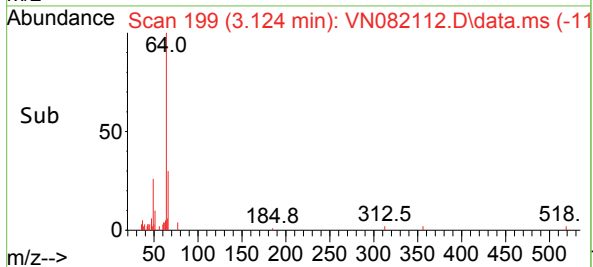
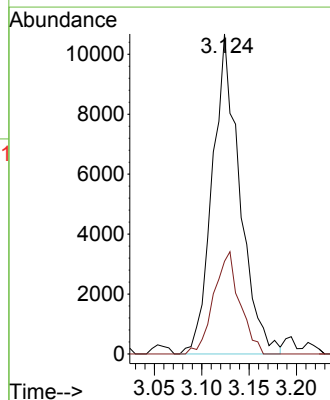
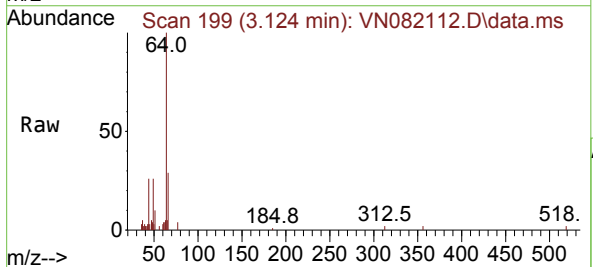
Instrument :
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VSTDCCC020EC

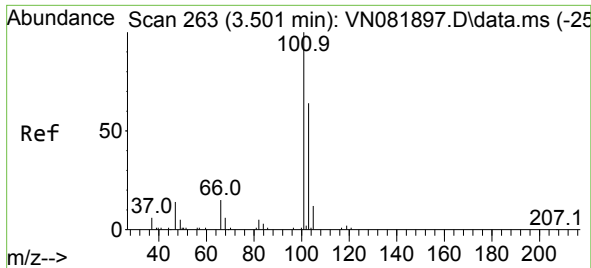
Tgt Ion: 94 Resp: 14913
Ion Ratio Lower Upper
94 100
96 101.8 72.8 109.2



#6
Chloroethane
Concen: 26.059 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 64 Resp: 21486
Ion Ratio Lower Upper
64 100
66 28.9 26.7 40.1

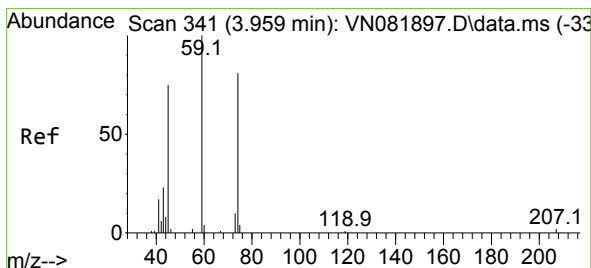
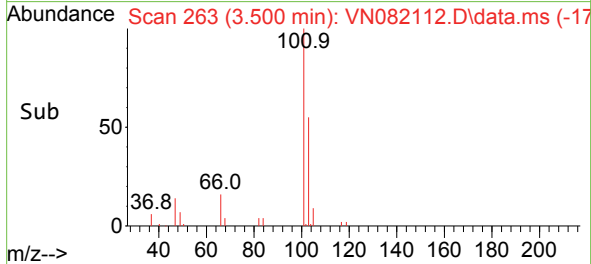
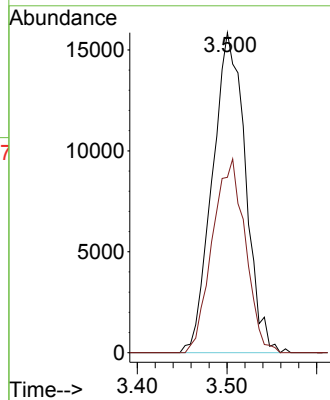
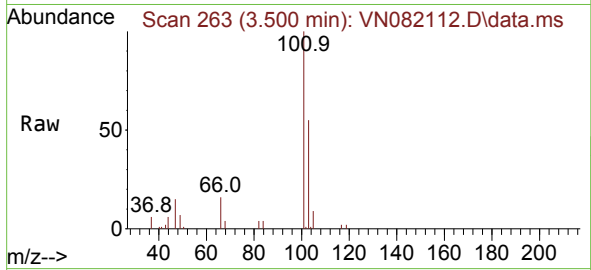




#7
 Trichlorofluoromethane
 Concen: 18.998 ug/l
 RT: 3.500 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

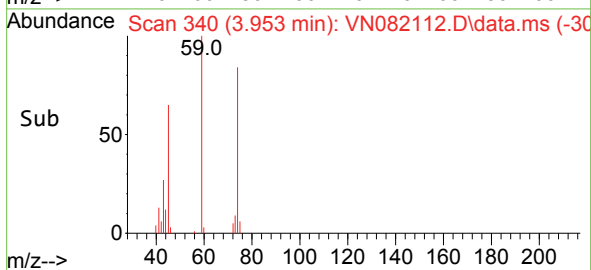
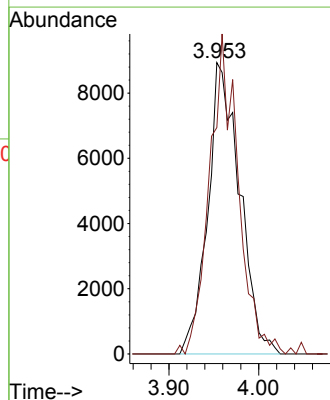
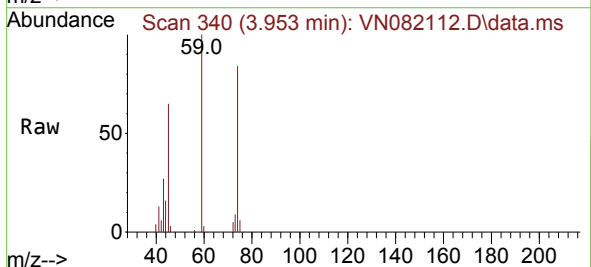
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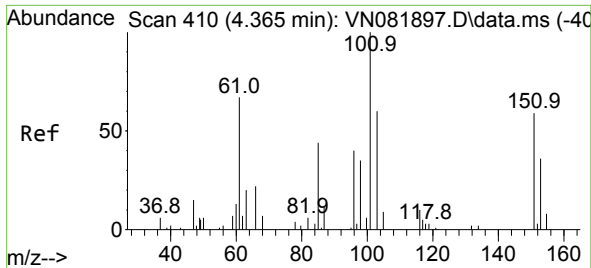
Tgt Ion:101 Resp: 40478
 Ion Ratio Lower Upper
 101 100
 103 54.8 53.0 79.4



#8
 Diethyl Ether
 Concen: 21.382 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

Tgt Ion: 74 Resp: 22054
 Ion Ratio Lower Upper
 74 100
 45 98.0 16.4 147.4

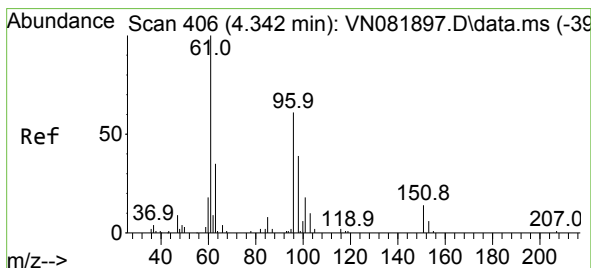
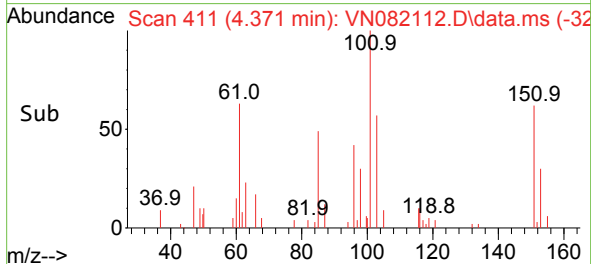
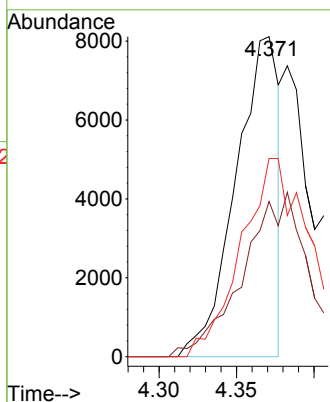
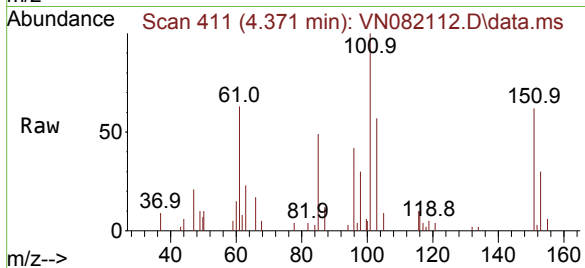




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.753 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082112.D
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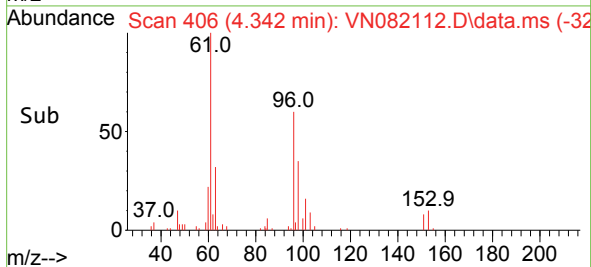
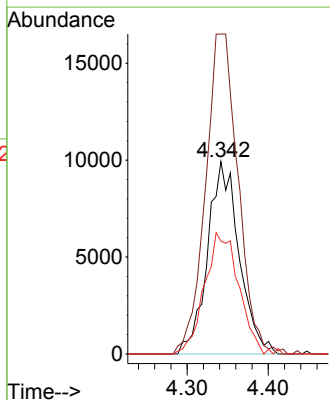
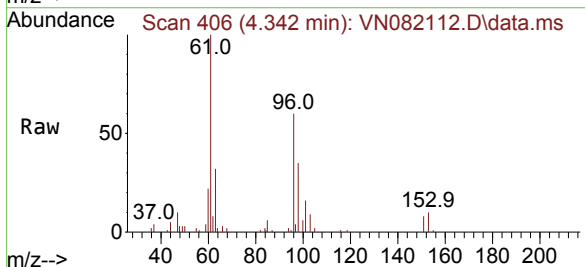
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ClientSampleId :
VSTDCCC020EC

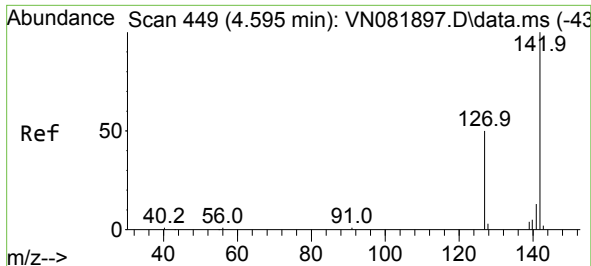
Tgt Ion:101 Resp: 15706
Ion Ratio Lower Upper
101 100
85 45.4 0.0 90.6
151 97.9 0.0 157.6



#10
1,1-Dichloroethene
Concen: 18.776 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

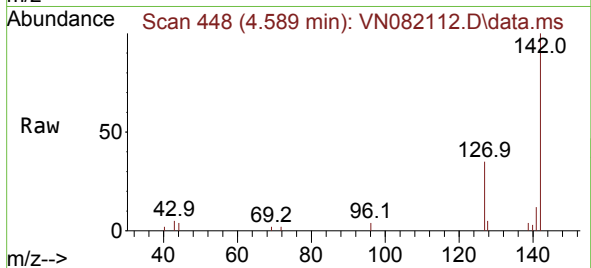
Tgt Ion: 96 Resp: 26830
Ion Ratio Lower Upper
96 100
61 164.8 117.6 176.4
98 57.2 48.4 72.6



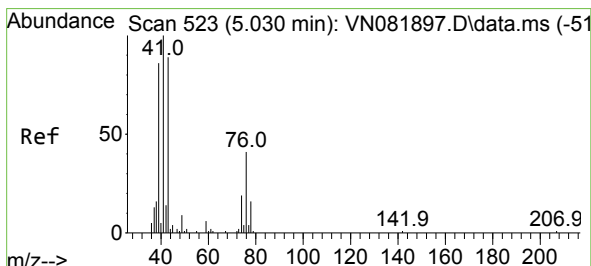
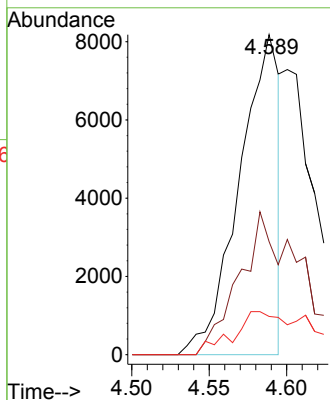
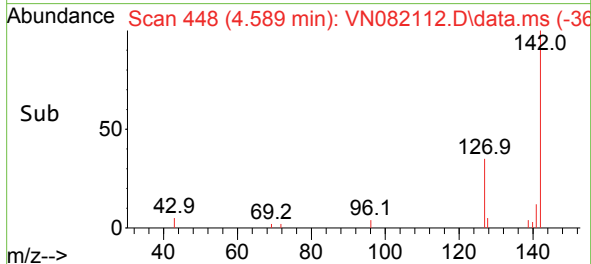


#11
Methyl Iodide
Concen: 11.276 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

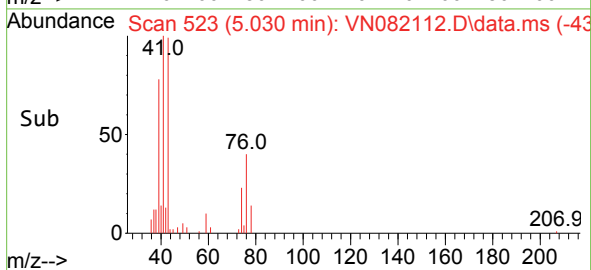
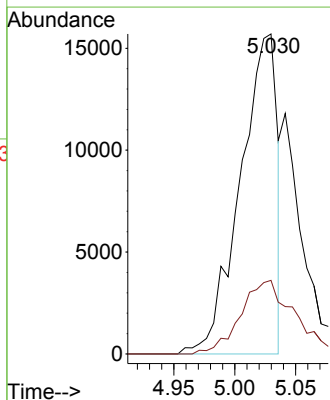
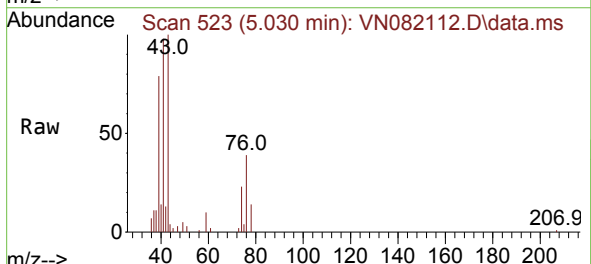


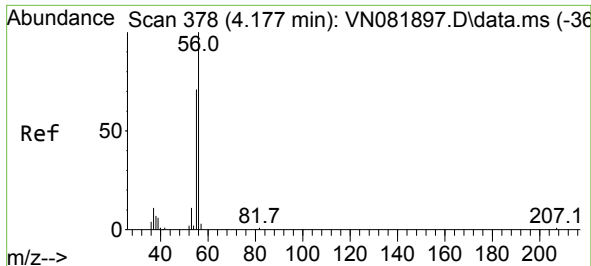
Tgt Ion:142 Resp: 14726
Ion Ratio Lower Upper
142 100
127 38.0 26.3 78.9
141 10.9 8.3 24.9



#12
Methyl Acetate
Concen: 18.558 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 43 Resp: 33206
Ion Ratio Lower Upper
43 100
74 22.3 27.7 41.5#

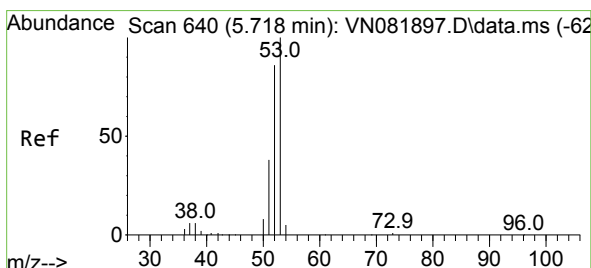
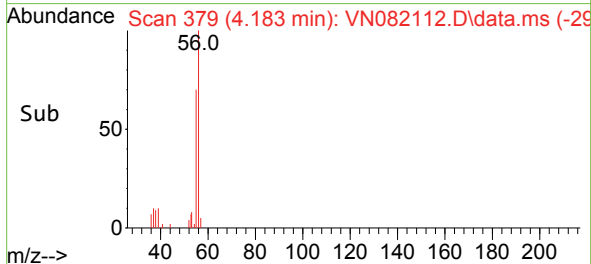
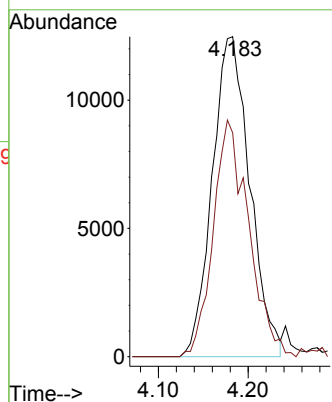
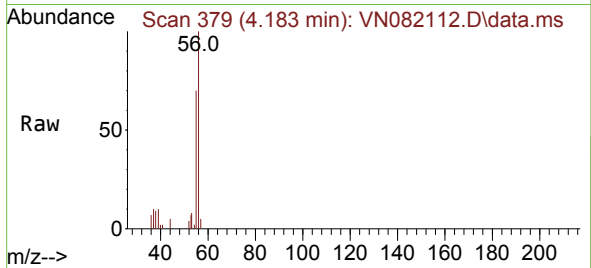




#13
Acrolein
Concen: 95.301 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

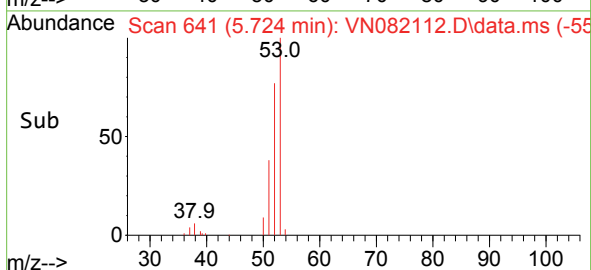
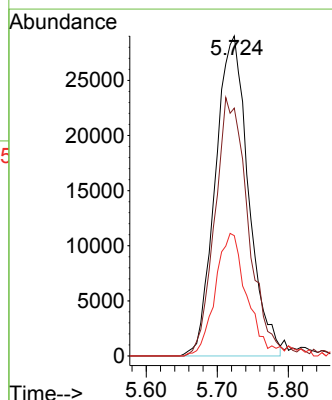
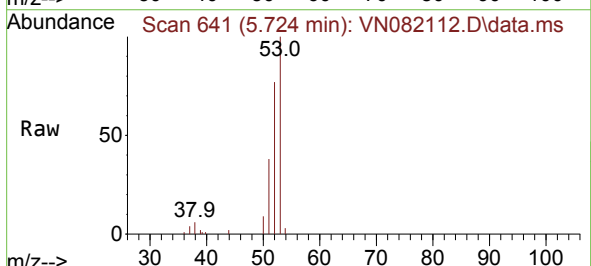
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

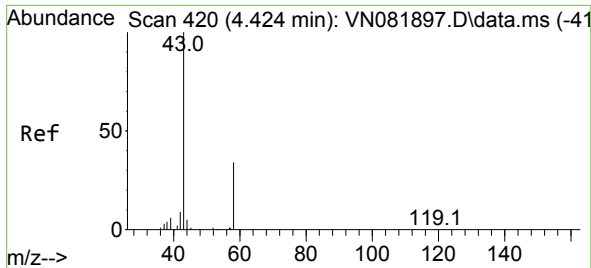
Tgt Ion: 56 Resp: 36242
Ion Ratio Lower Upper
56 100
55 69.8 55.5 83.3



#14
Acrylonitrile
Concen: 115.215 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 53 Resp: 94090
Ion Ratio Lower Upper
53 100
52 80.6 41.3 123.9
51 35.6 16.8 50.3

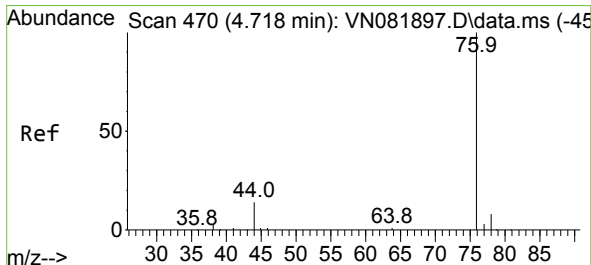
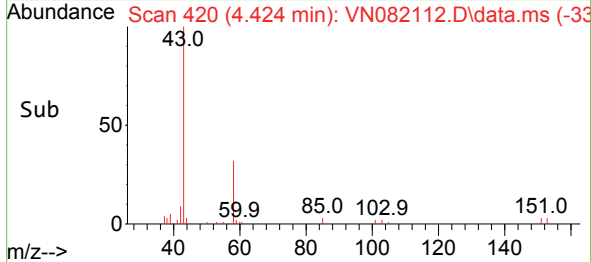
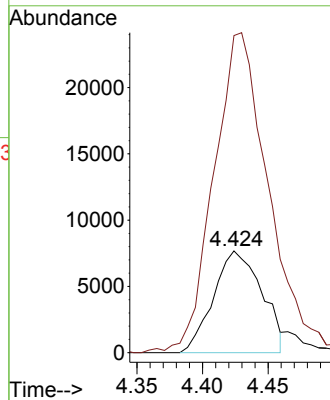
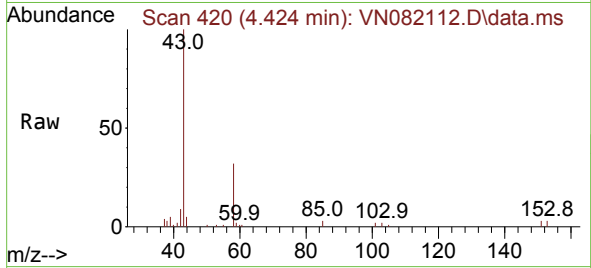




#15
Acetone
Concen: 107.636 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

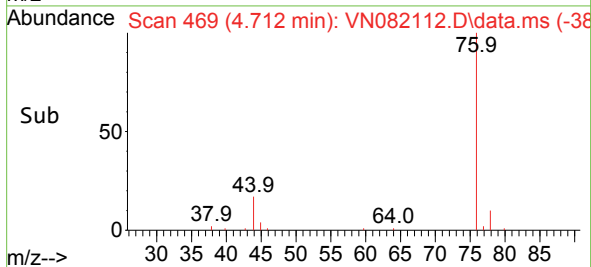
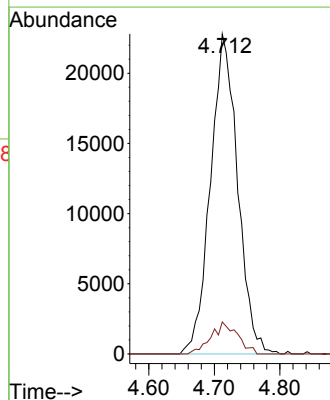
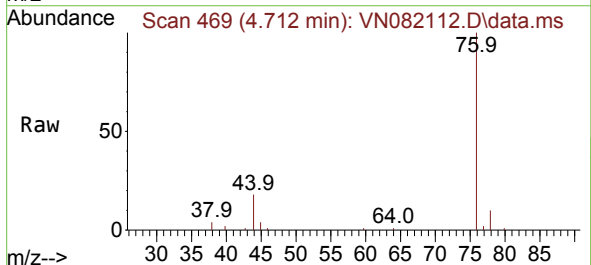
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

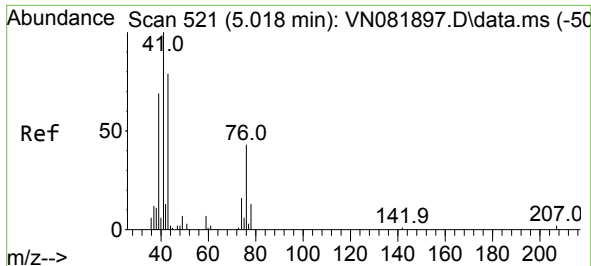
Tgt Ion: 58 Resp: 19697
Ion Ratio Lower Upper
58 100
43 302.5 223.1 334.7



#16
Carbon Disulfide
Concen: 16.561 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 76 Resp: 65564
Ion Ratio Lower Upper
76 100
78 10.0 6.3 9.5#





#17

Allyl chloride

Concen: 21.075 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN082112.D

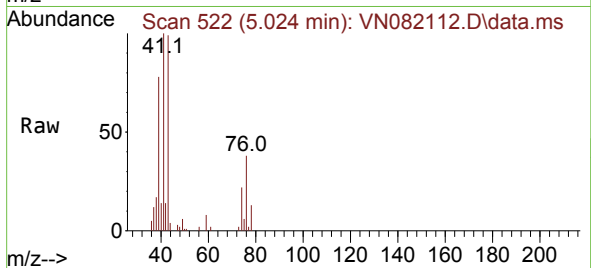
Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



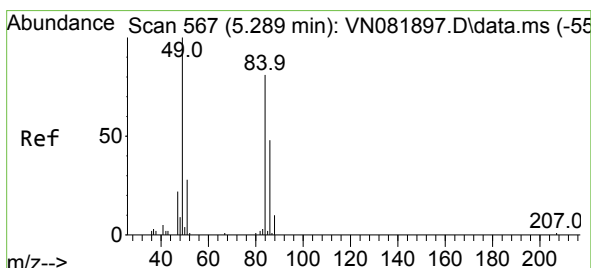
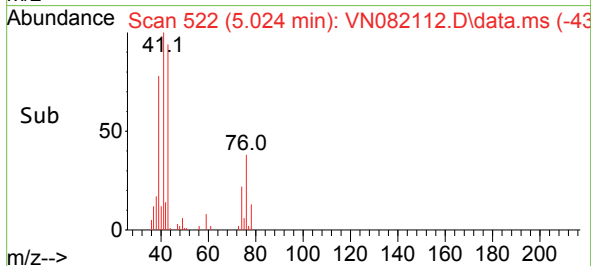
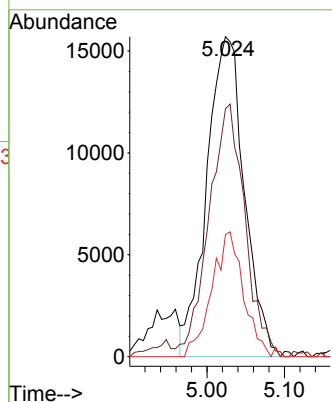
Tgt Ion: 41 Resp: 52876

Ion Ratio Lower Upper

41 100

39 75.9 37.6 112.9

76 38.2 27.8 83.4



#18

Methylene Chloride

Concen: 21.200 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Tgt Ion: 84 Resp: 34470

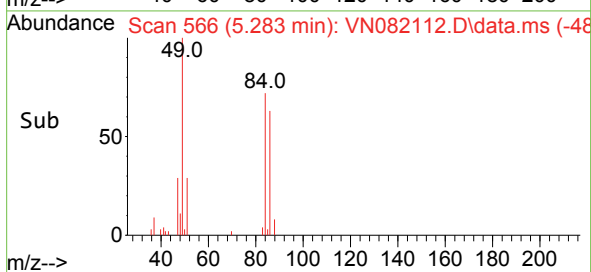
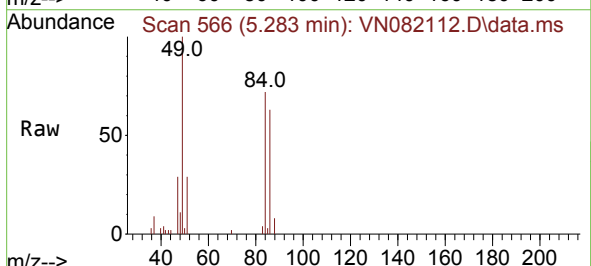
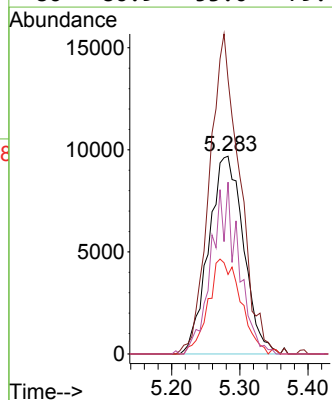
Ion Ratio Lower Upper

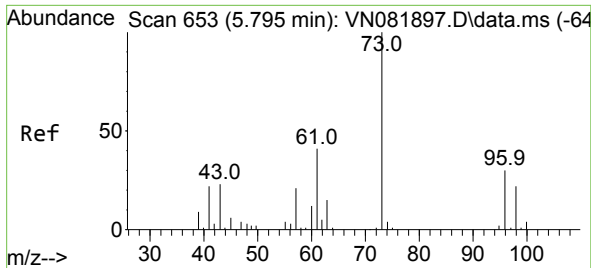
84 100

49 138.9 86.0 129.0#

51 40.2 30.0 45.0

86 86.9 53.0 79.4#





#19

trans-1,2-Dichloroethene

Concen: 19.650 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

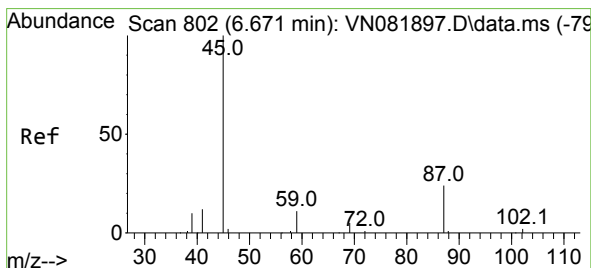
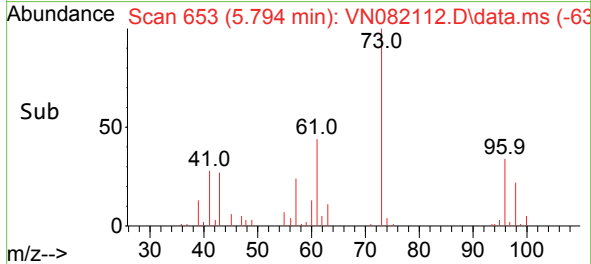
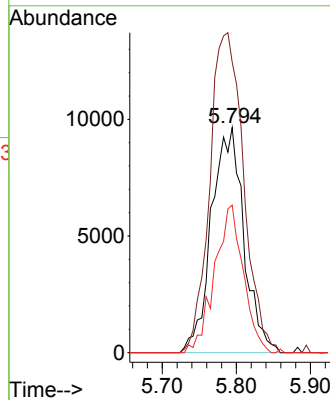
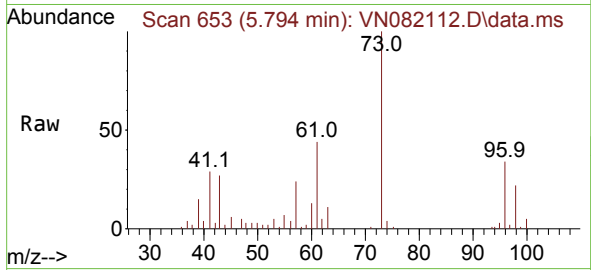
Tgt Ion: 96 Resp: 29228

Ion Ratio Lower Upper

96 100

61 129.0 111.8 167.6

98 65.5 49.2 73.8



#20

Diisopropyl ether

Concen: 23.467 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Tgt Ion: 45 Resp: 130267

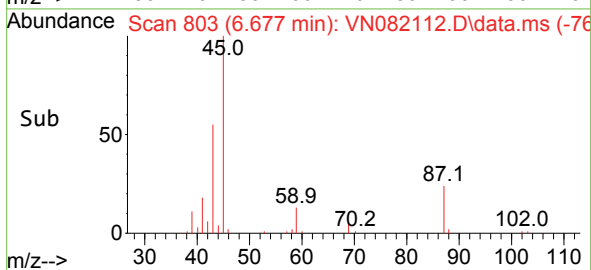
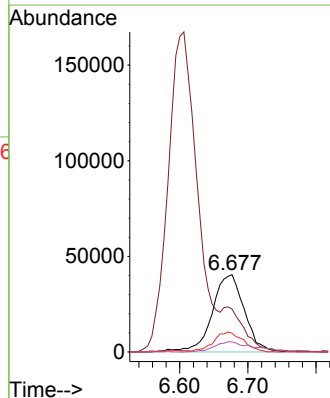
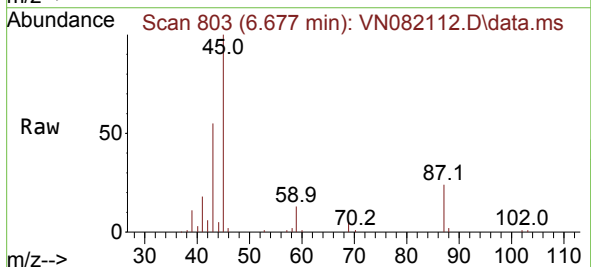
Ion Ratio Lower Upper

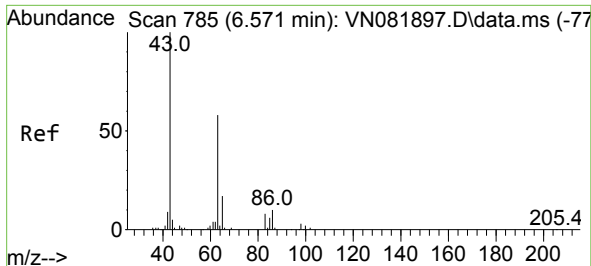
45 100

43 53.5 40.4 60.6

87 24.3 23.8 35.8

59 13.0 9.8 14.6





#21

1,1-Dichloroethane

Concen: 23.005 ug/l

RT: 6.571 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN082112.D

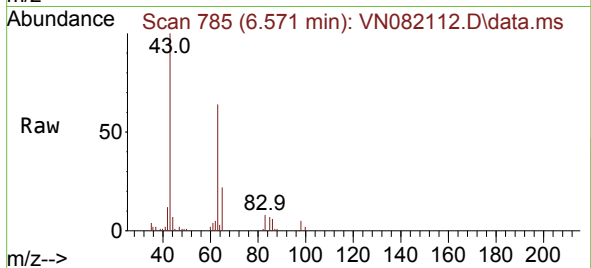
Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



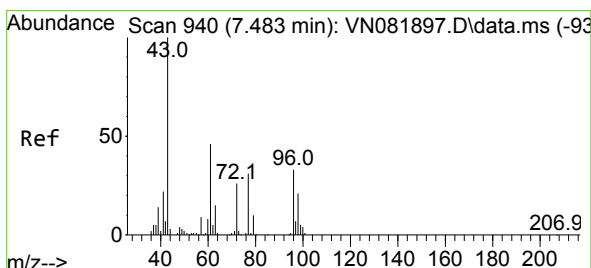
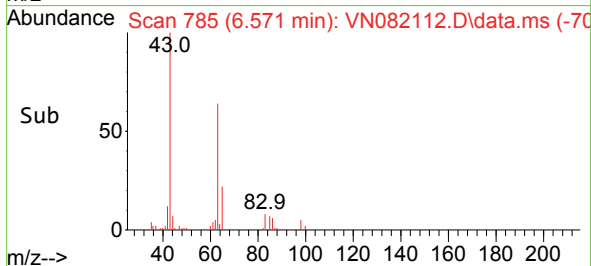
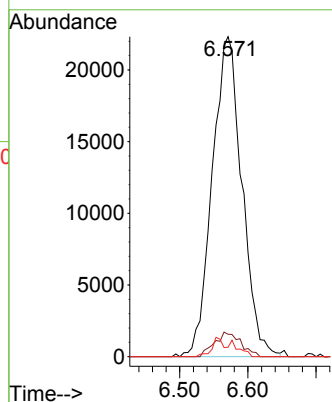
Tgt Ion: 63 Resp: 67617

Ion Ratio Lower Upper

63 100

98 7.0 4.1 12.3

100 2.9 3.0 9.0#



#22

cis-1,2-Dichloroethene

Concen: 21.021 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

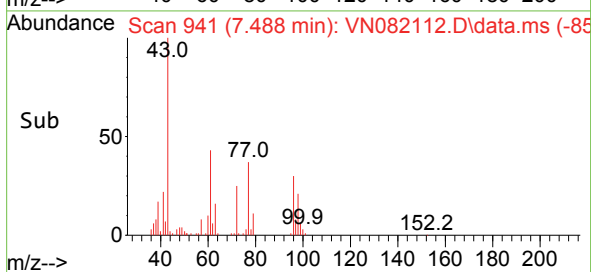
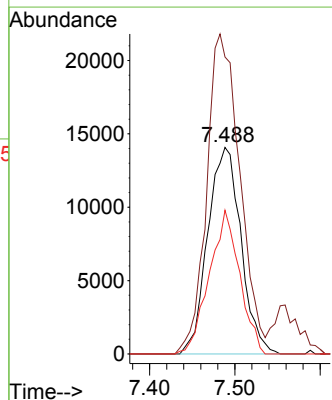
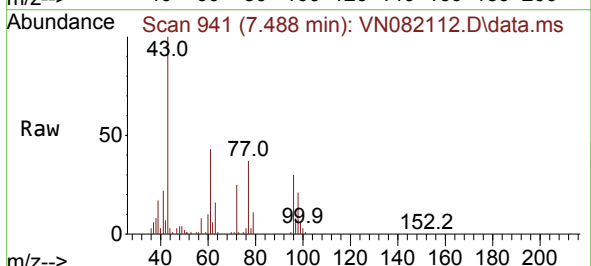
Tgt Ion: 96 Resp: 38103

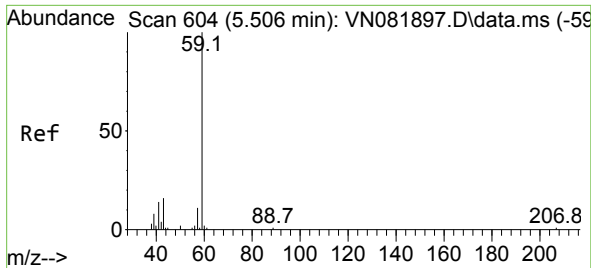
Ion Ratio Lower Upper

96 100

61 154.6 113.5 170.3

98 63.6 52.0 78.0

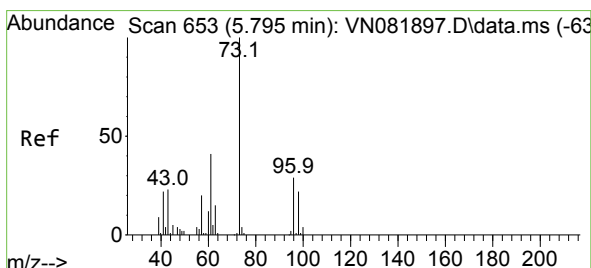
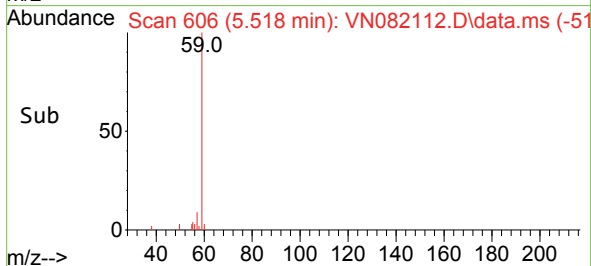
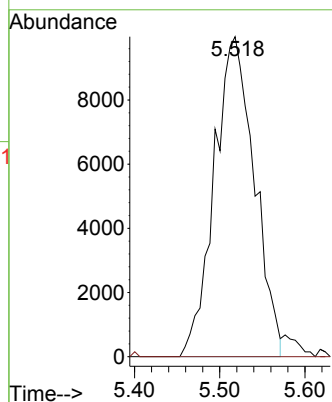
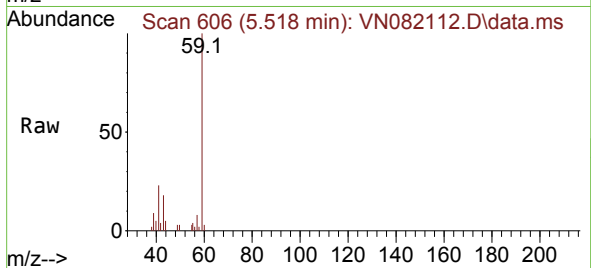




#23
tert-Butyl Alcohol
Concen: 97.122 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

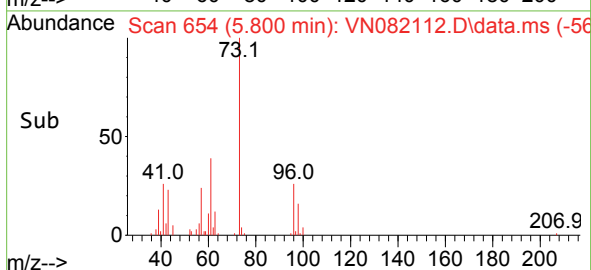
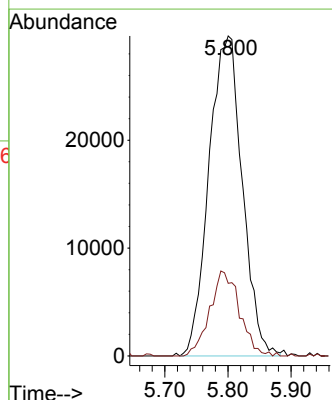
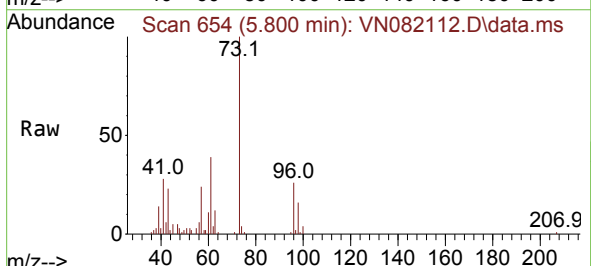
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

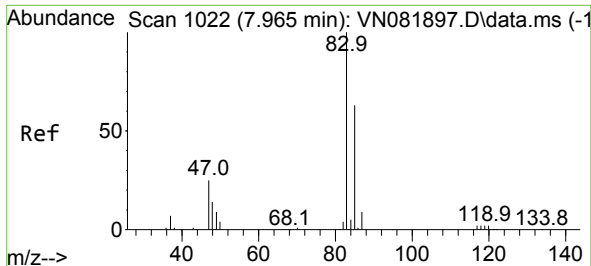
Tgt Ion: 59 Resp: 32670
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.122 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 73 Resp: 108818
Ion Ratio Lower Upper
73 100
43 14.9 13.4 20.2

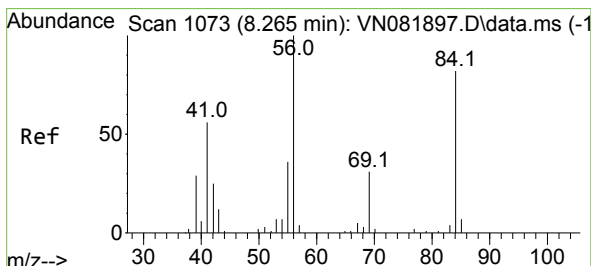
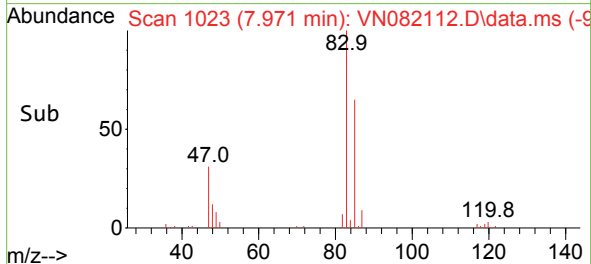
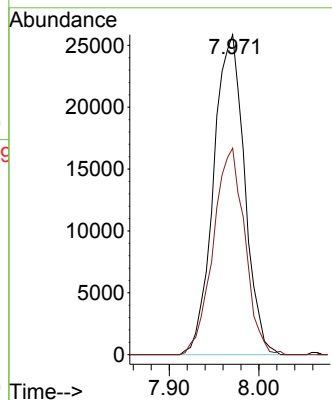
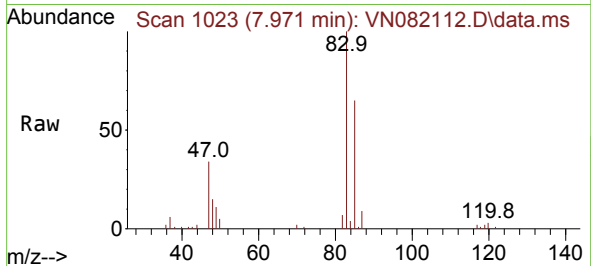




#25
Chloroform
Concen: 21.921 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

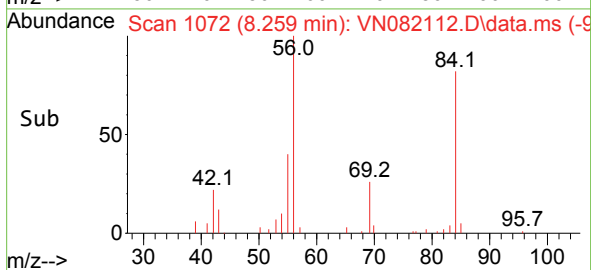
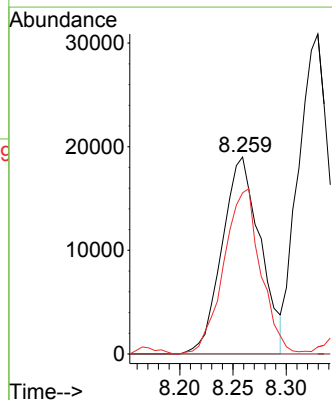
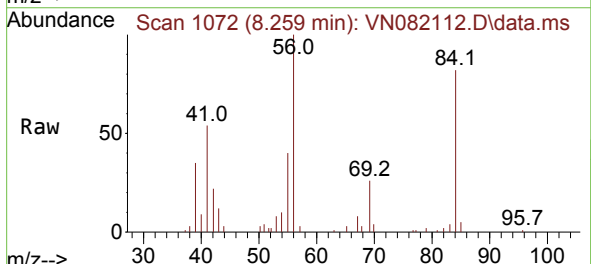
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

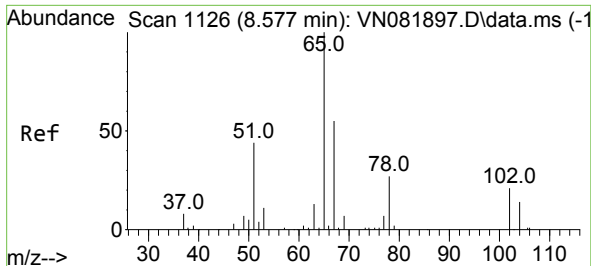
Tgt Ion: 83 Resp: 61986
Ion Ratio Lower Upper
83 100
85 64.6 50.9 76.3



#26
Cyclohexane
Concen: 18.684 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 56 Resp: 47489
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 80.8 71.3 106.9

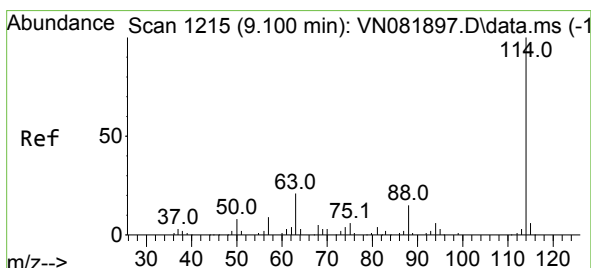
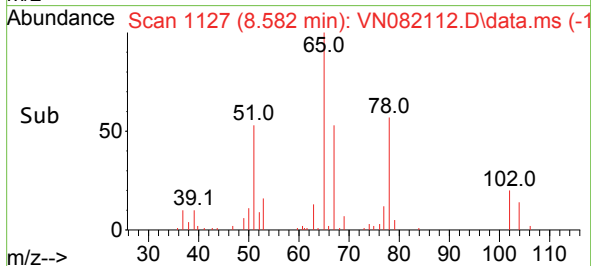
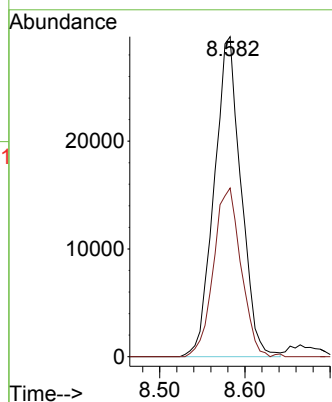
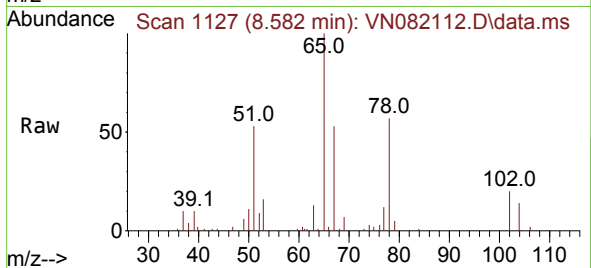




#27
1,2-Dichloroethane-d4
Concen: 33.118 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

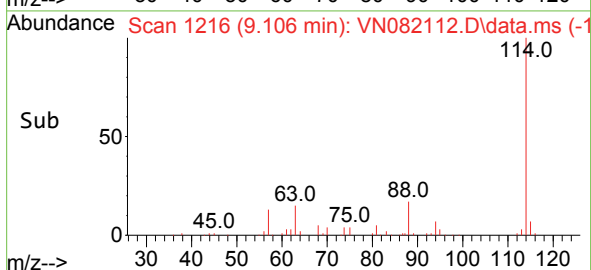
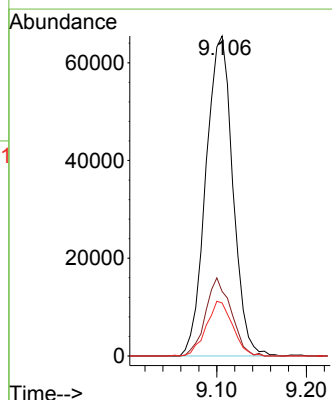
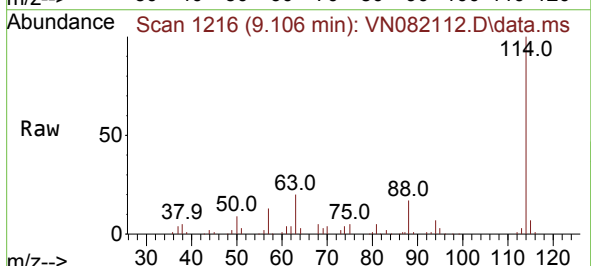
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

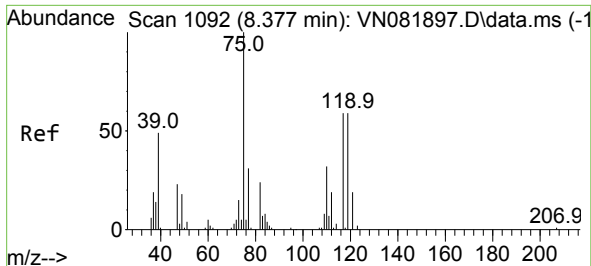
Tgt Ion: 65 Resp: 64922
Ion Ratio Lower Upper
65 100
67 53.9 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:114 Resp: 136463
Ion Ratio Lower Upper
114 100
63 23.2 15.9 23.9
88 16.7 12.7 19.1

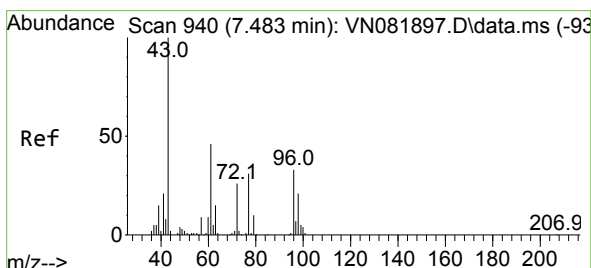
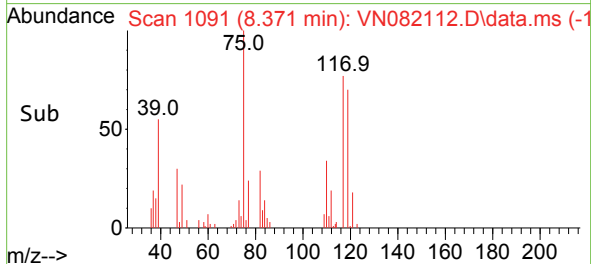
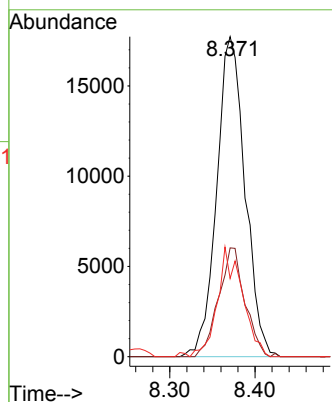
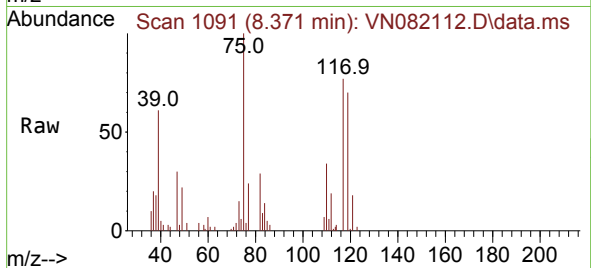




#29
1,1-Dichloropropene
Concen: 20.176 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

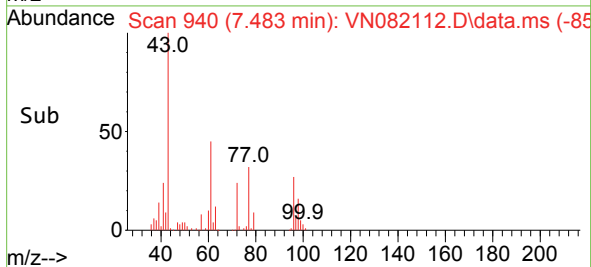
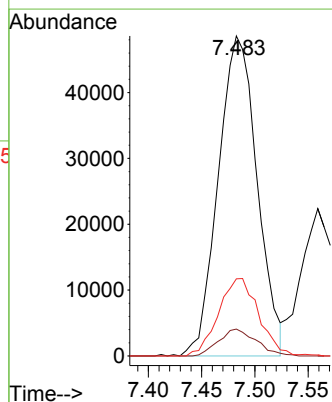
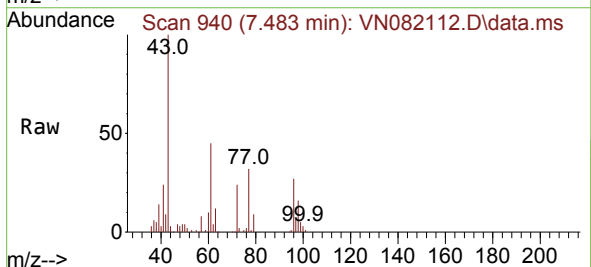
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

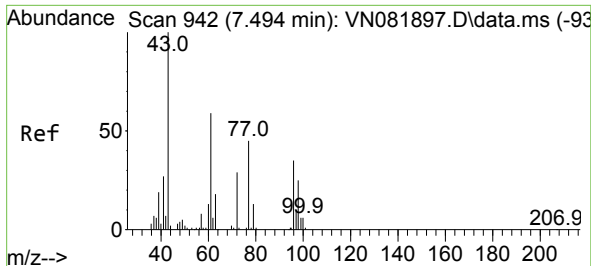
Tgt Ion: 75 Resp: 40990
Ion Ratio Lower Upper
75 100
110 31.5 0.0 70.2
77 16.3 0.0 61.4



#30
2-Butanone
Concen: 117.748 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 43 Resp: 123310
Ion Ratio Lower Upper
43 100
57 8.1 6.7 10.1
72 24.9 24.0 36.0





#31

2,2-Dichloropropane

Concen: 22.236 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

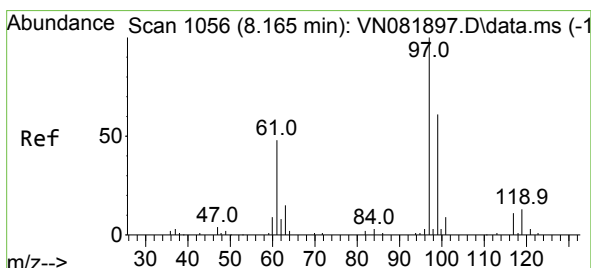
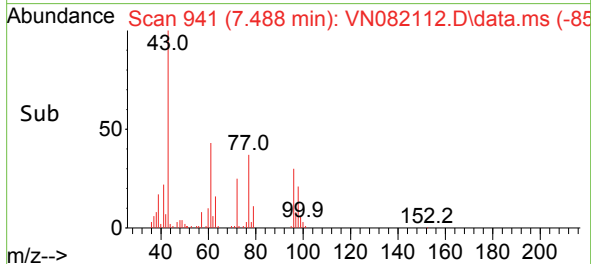
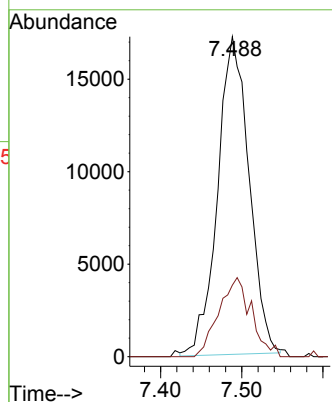
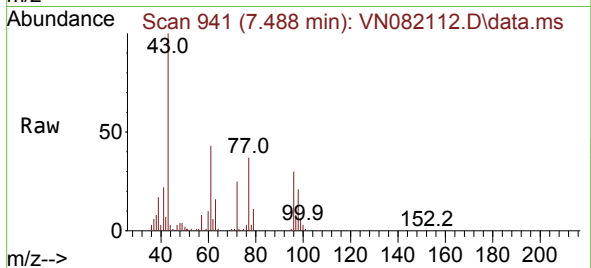
VSTDCCC020EC

Tgt Ion: 77 Resp: 46294

Ion Ratio Lower Upper

77 100

97 25.3 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 20.187 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

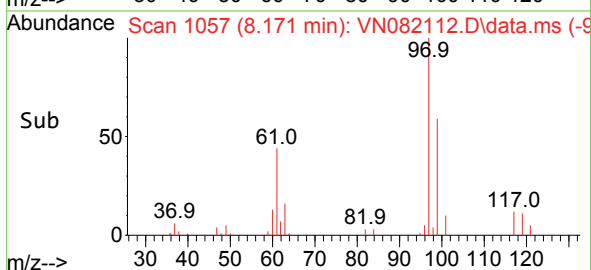
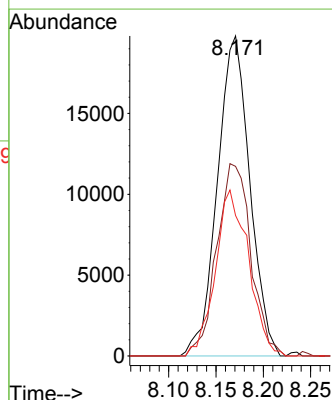
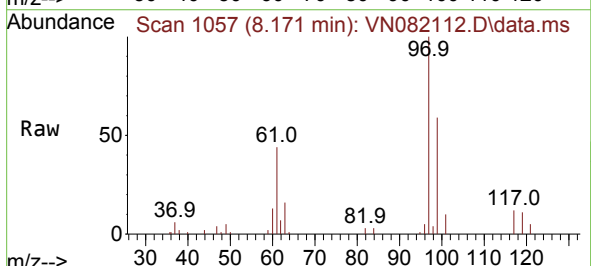
Tgt Ion: 97 Resp: 47168

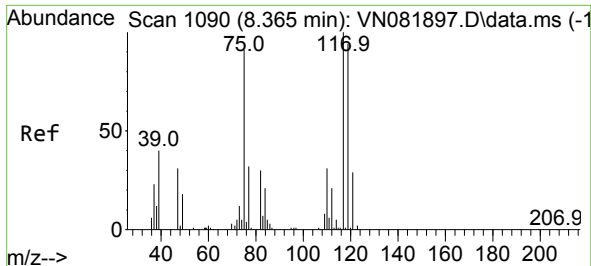
Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.4

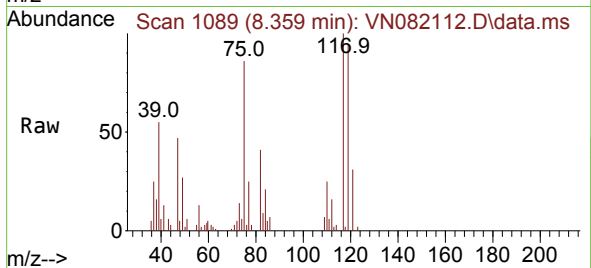
61 53.1 33.8 50.8#



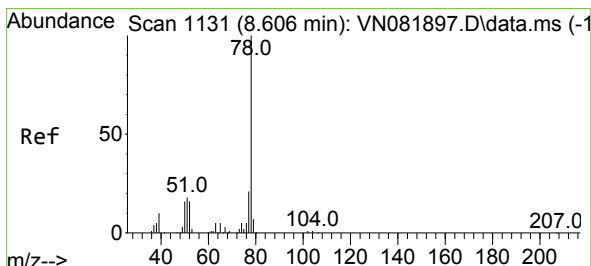
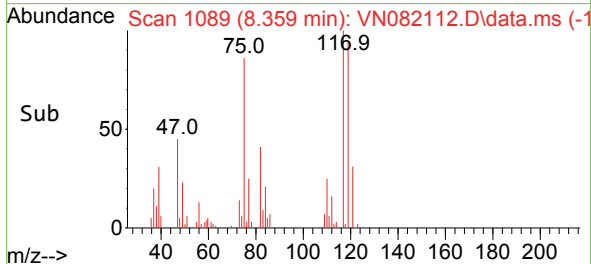
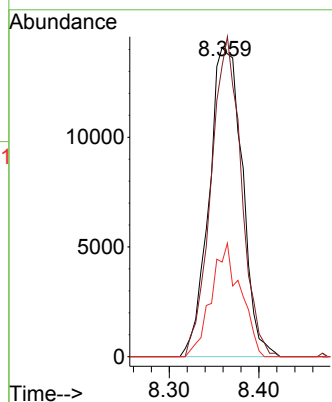


#33
Carbon Tetrachloride
Concen: 19.126 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

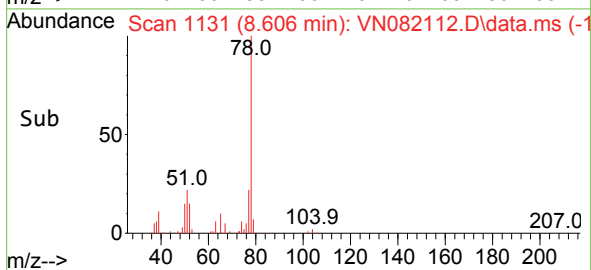
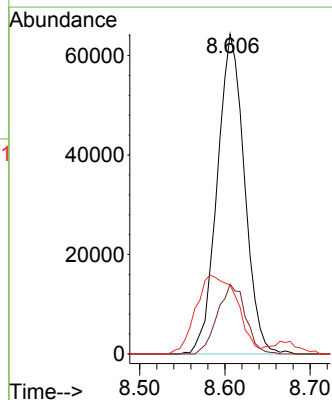
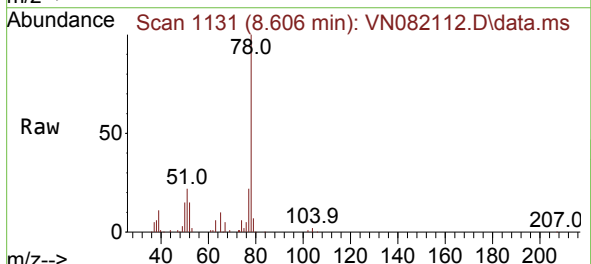


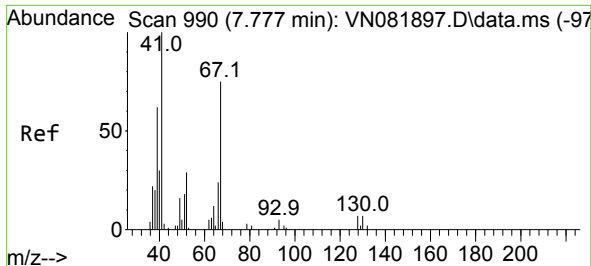
Tgt Ion:117 Resp: 36267
Ion Ratio Lower Upper
117 100
119 94.1 77.7 116.5
121 30.6 27.0 40.6



#34
Benzene
Concen: 21.977 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 78 Resp: 142441
Ion Ratio Lower Upper
78 100
77 21.8 19.2 28.8
51 19.9 13.3 19.9

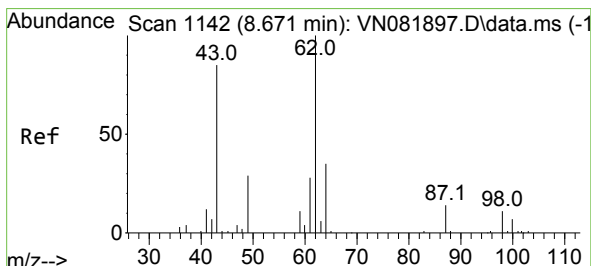
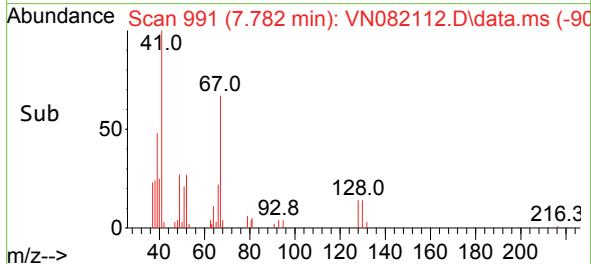
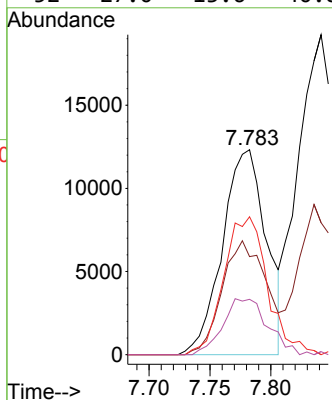
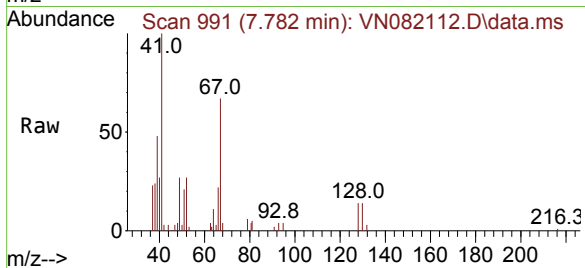




#35
Methacrylonitrile
Concen: 23.286 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

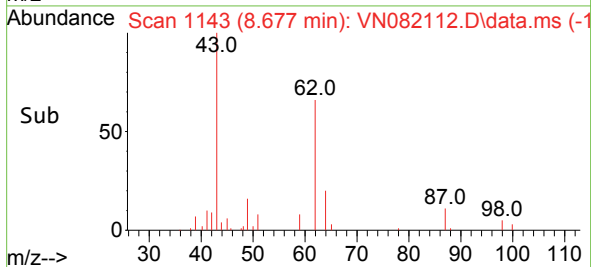
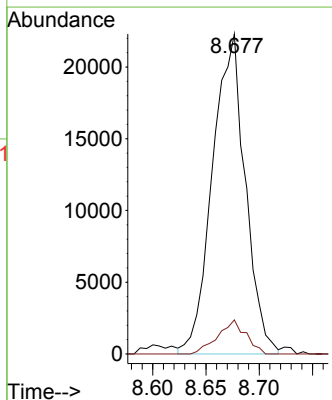
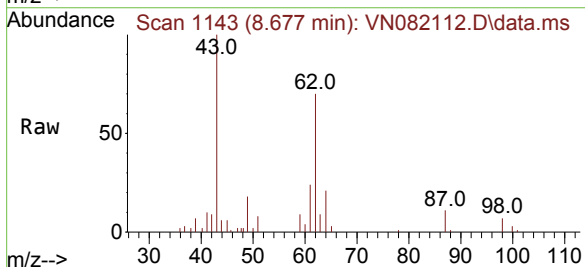
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

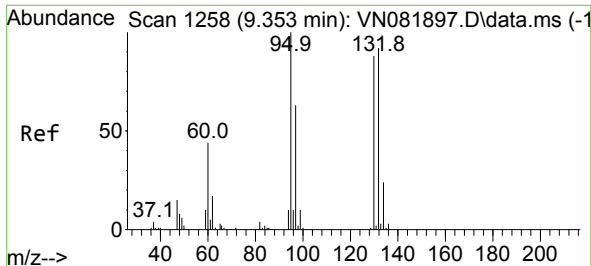
Tgt Ion:	41	Resp:	30852
Ion	Ratio	Lower	Upper
41	100		
39	47.8	25.3	75.9
67	67.3	38.7	116.1
52	27.0	13.6	40.8



#36
1,2-Dichloroethane
Concen: 21.945 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:	62	Resp:	47746
Ion	Ratio	Lower	Upper
62	100		
98	9.1	8.2	12.4





#37

Trichloroethene

Concen: 17.635 ug/l

RT: 9.347 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

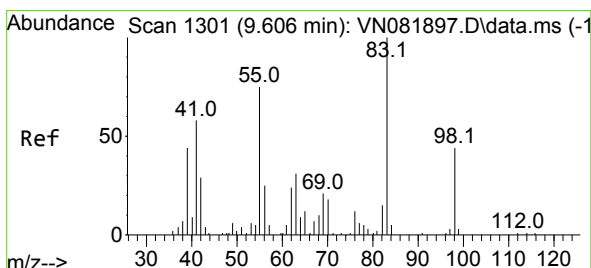
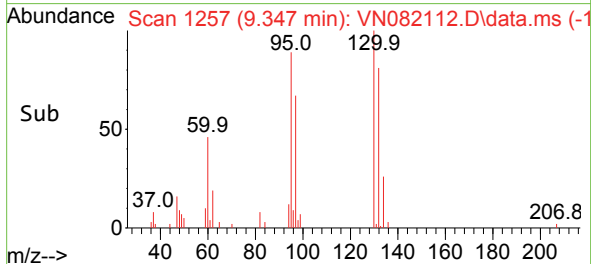
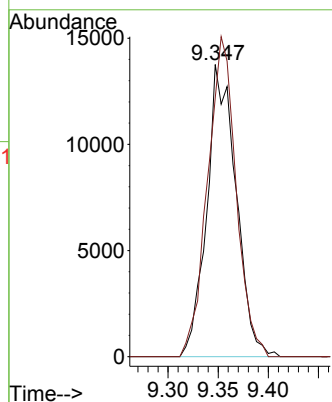
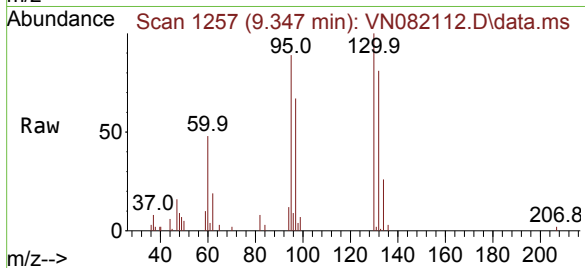
VSTDCCC020EC

Tgt Ion:130 Resp: 27995

Ion Ratio Lower Upper

130 100

95 88.6 80.2 120.4



#38

Methylcyclohexane

Concen: 16.348 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

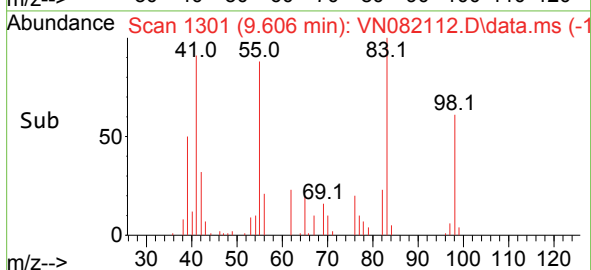
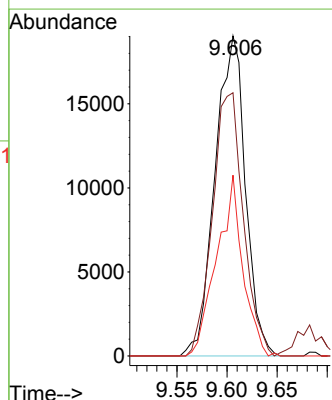
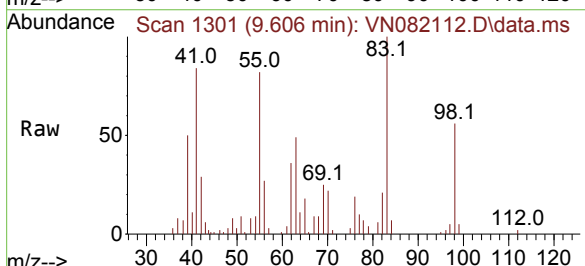
Tgt Ion: 83 Resp: 40122

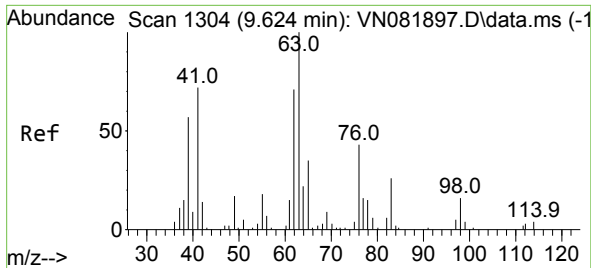
Ion Ratio Lower Upper

83 100

55 83.5 36.6 109.9

98 48.3 23.8 71.5

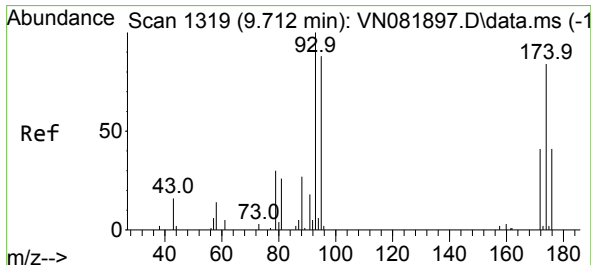
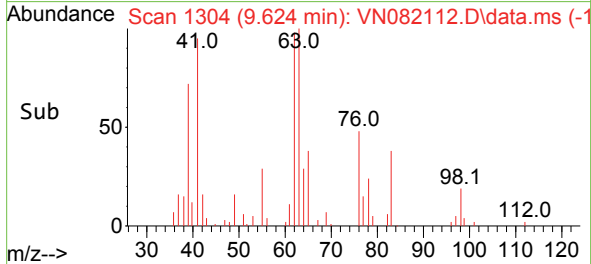
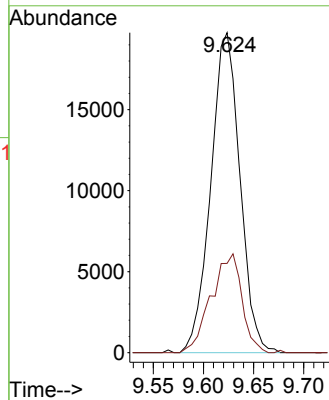
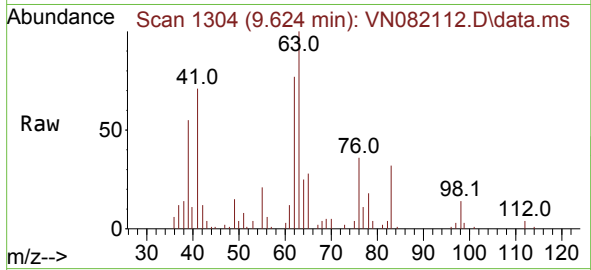




#39
1,2-Dichloropropane
Concen: 24.016 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

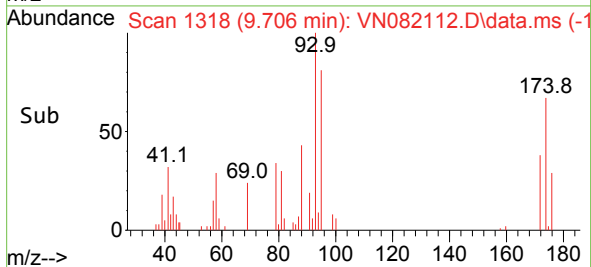
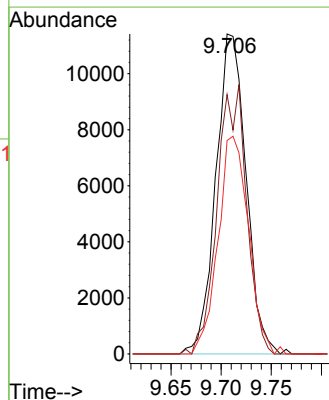
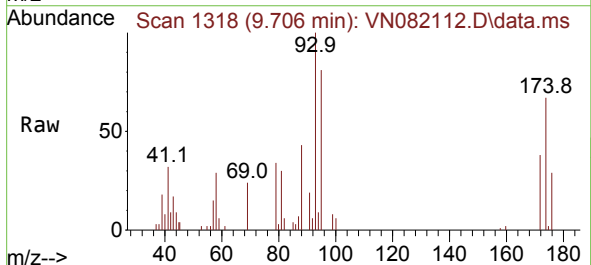
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

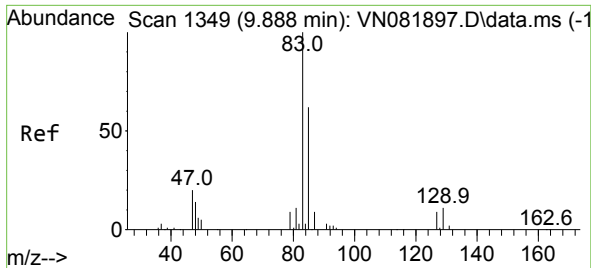
Tgt Ion: 63 Resp: 39940
Ion Ratio Lower Upper
63 100
65 27.9 25.0 37.4



#40
Dibromomethane
Concen: 22.354 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 93 Resp: 23882
Ion Ratio Lower Upper
93 100
95 49.0 0.0 164.6
174 68.3 0.0 193.2

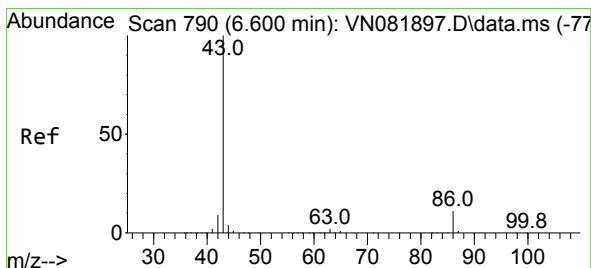
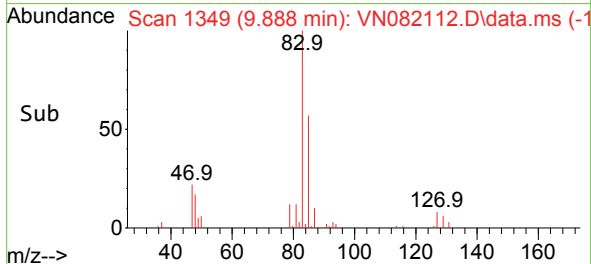
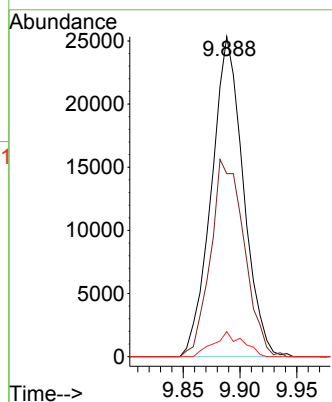
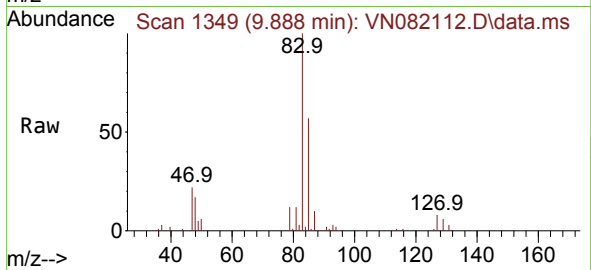




#41
Bromodichloromethane
Concen: 21.645 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

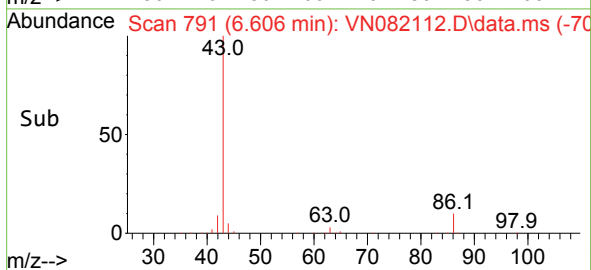
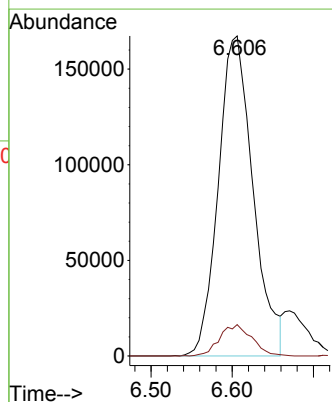
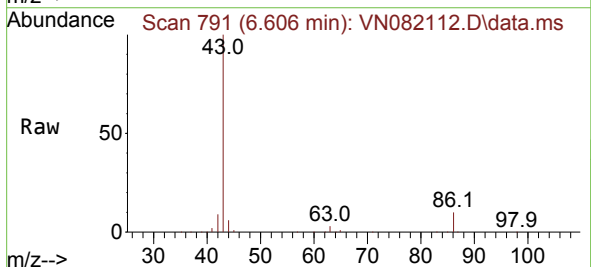
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

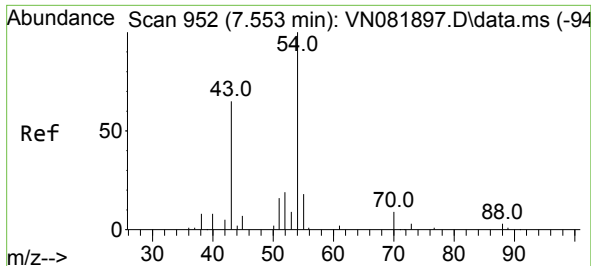
Tgt Ion: 83 Resp: 49427
Ion Ratio Lower Upper
83 100
85 57.2 49.4 74.2
127 7.9 7.3 10.9



#42
Vinyl Acetate
Concen: 111.816 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 43 Resp: 498408
Ion Ratio Lower Upper
43 100
86 9.1 9.4 14.2#

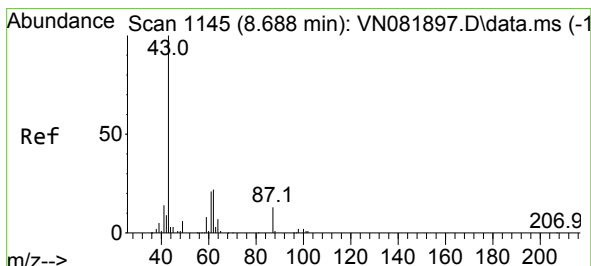
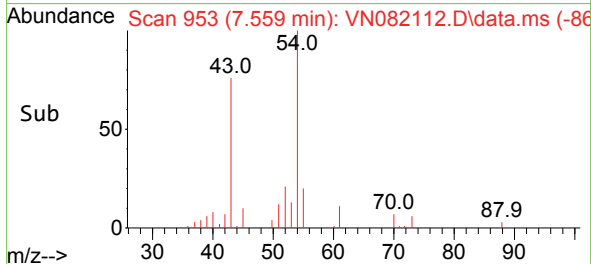
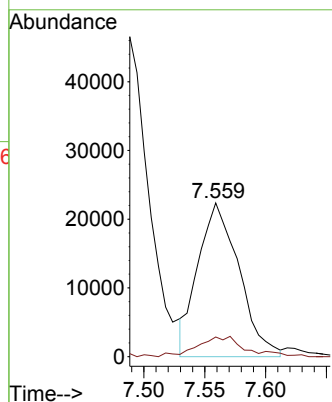
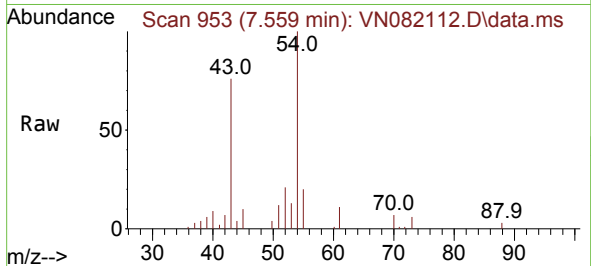




#43
Ethyl Acetate
Concen: 22.978 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

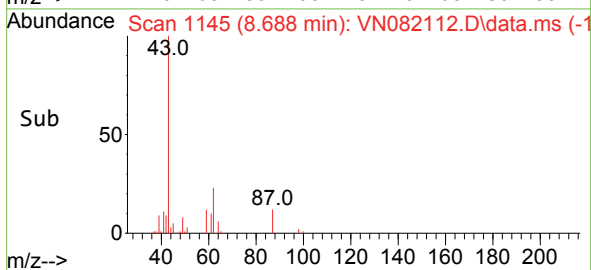
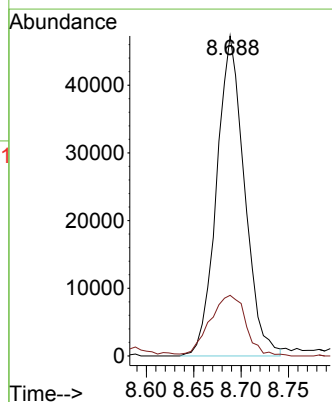
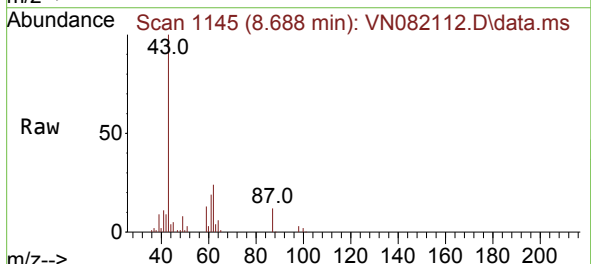
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

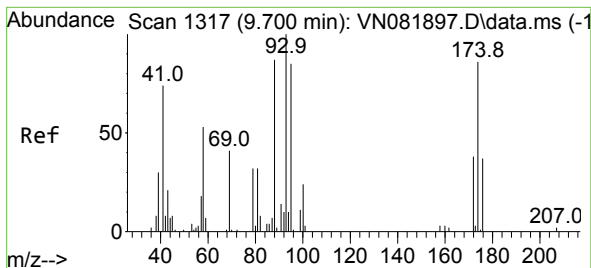
Tgt Ion: 43 Resp: 52466
Ion Ratio Lower Upper
43 100
45 12.7 10.6 15.8



#44
Isopropyl Acetate
Concen: 23.893 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 43 Resp: 96852
Ion Ratio Lower Upper
43 100
61 23.3 25.0 37.4#





#45

1,4-Dioxane

Concen: 416.103 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

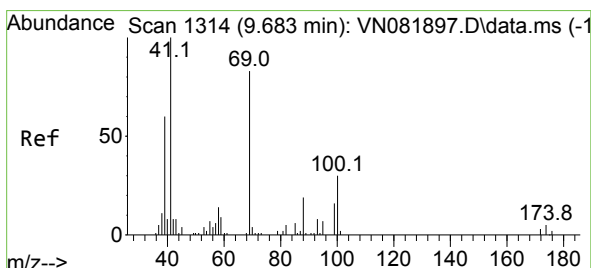
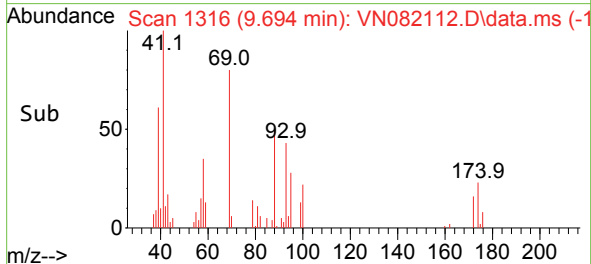
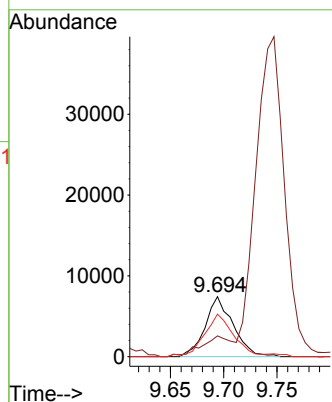
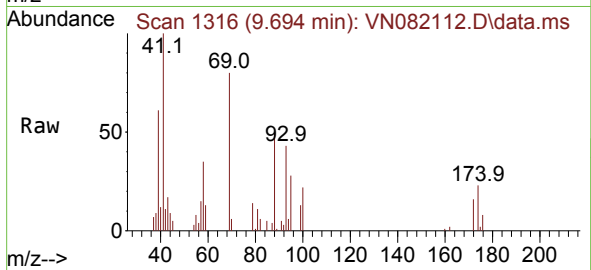
Tgt Ion: 88 Resp: 13527

Ion Ratio Lower Upper

88 100

43 38.3 19.8 29.6#

58 72.4 55.4 83.0



#46

Methyl methacrylate

Concen: 23.748 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

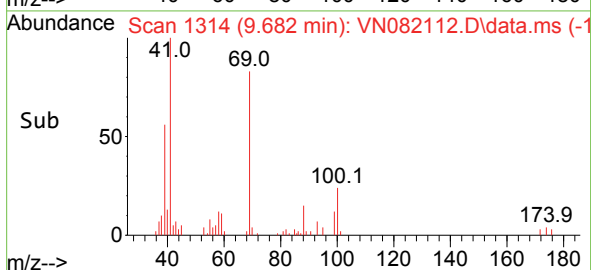
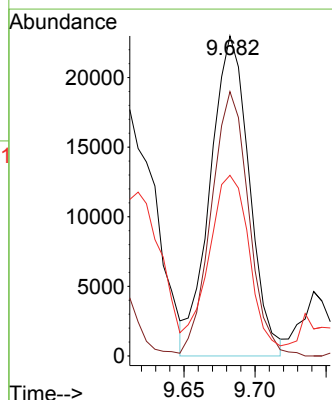
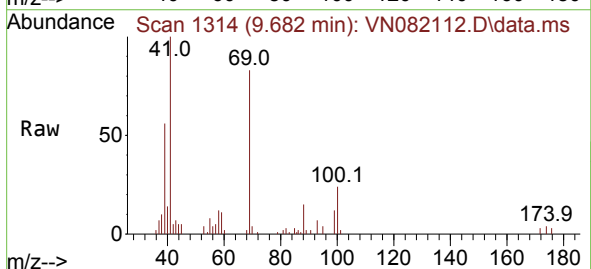
Tgt Ion: 41 Resp: 43979

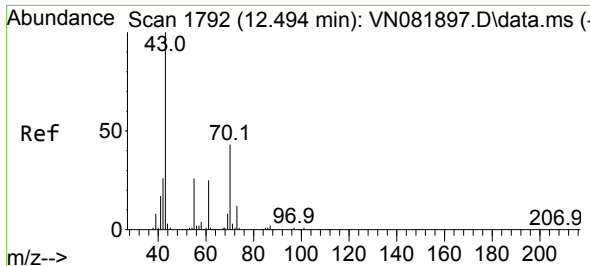
Ion Ratio Lower Upper

41 100

69 86.3 51.1 153.3

39 55.5 25.8 77.3

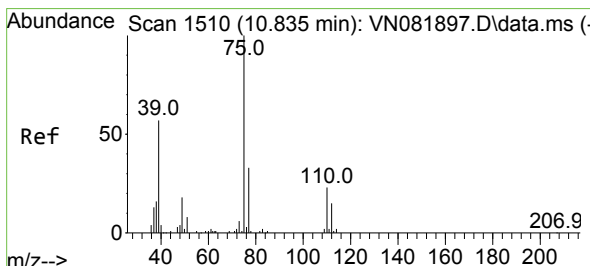
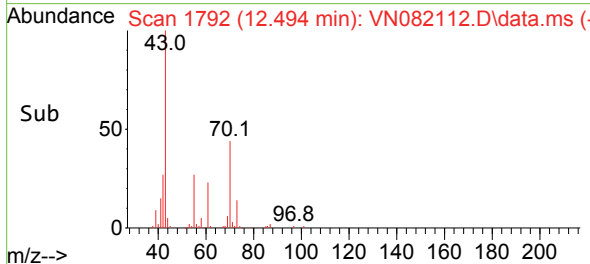
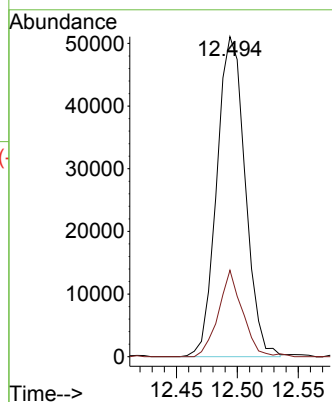
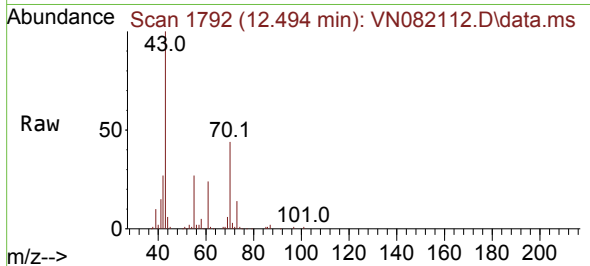




#47
n-amy1 Acetate
Concen: 22.679 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

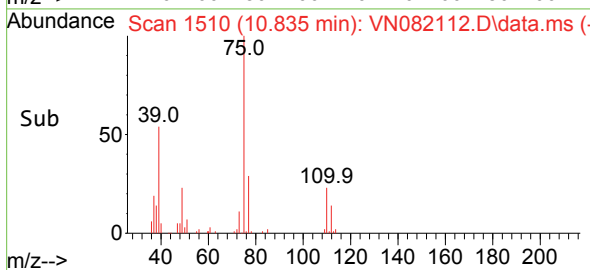
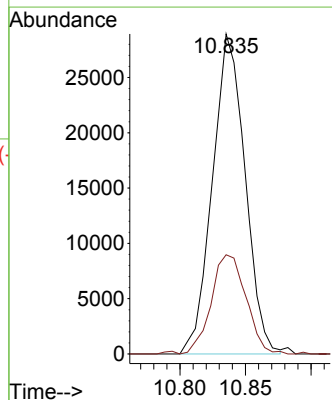
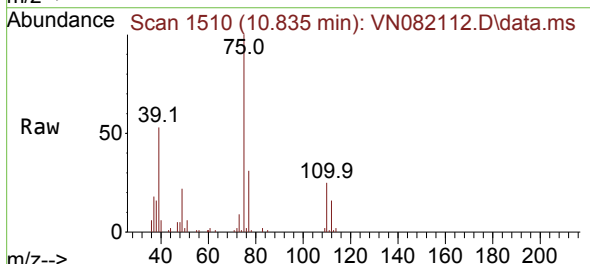
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

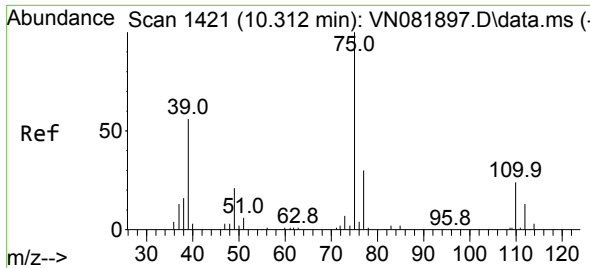
Tgt Ion: 43 Resp: 82917
Ion Ratio Lower Upper
43 100
55 22.7 23.4 35.2#



#48
t-1,3-Dichloropropene
Concen: 20.218 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 75 Resp: 50065
Ion Ratio Lower Upper
75 100
77 31.0 23.8 35.6

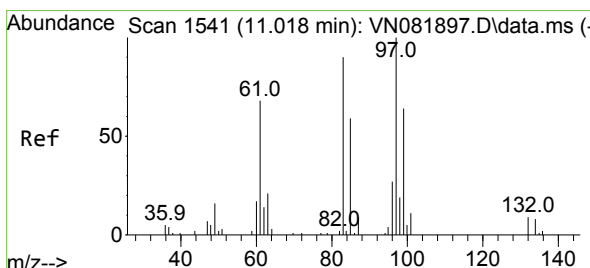
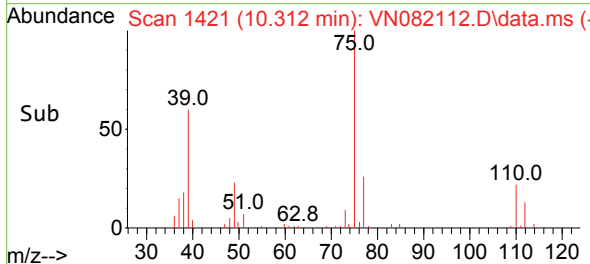
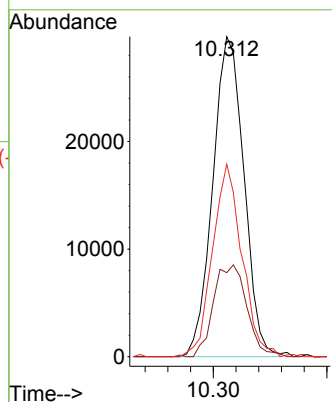
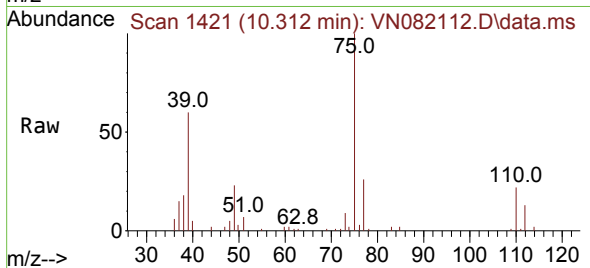




#49
 cis-1,3-Dichloropropene
 Concen: 21.641 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

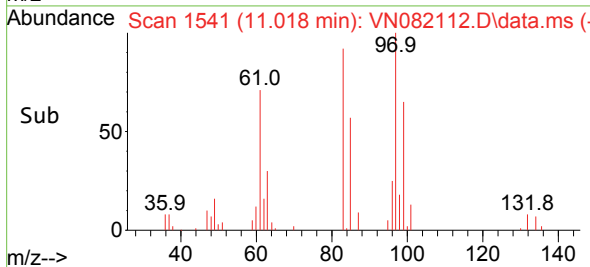
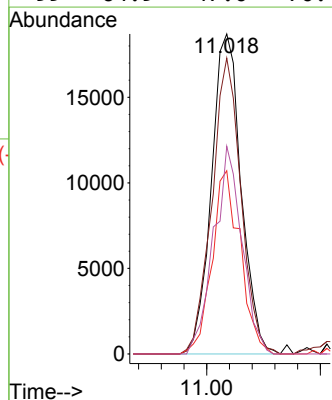
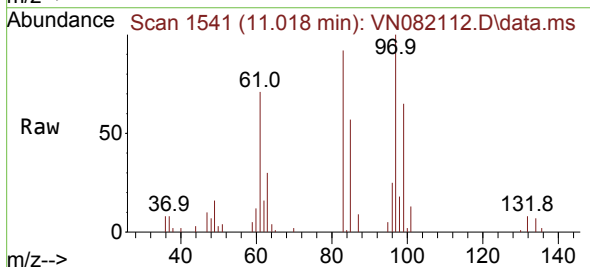
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

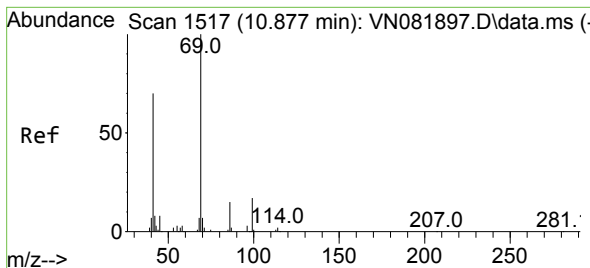
Tgt Ion: 75 Resp: 56660
 Ion Ratio Lower Upper
 75 100
 77 25.7 24.9 37.3
 39 60.1 31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 23.430 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

Tgt Ion: 97 Resp: 33961
 Ion Ratio Lower Upper
 97 100
 83 92.4 68.1 102.1
 85 57.2 41.8 62.6
 99 64.9 47.0 70.4





#51

Ethyl methacrylate

Concen: 20.885 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

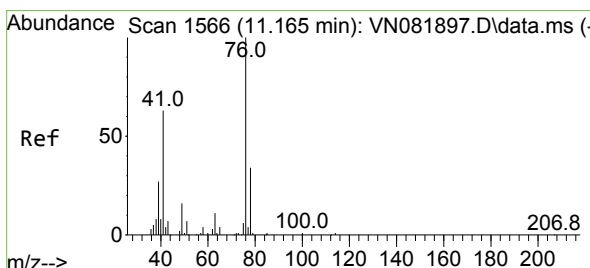
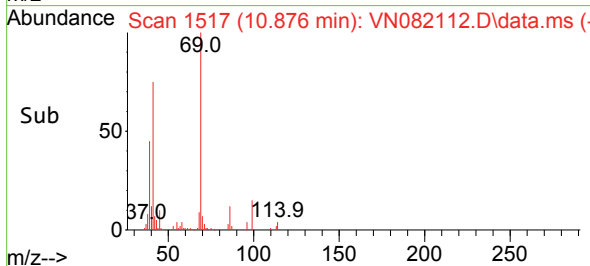
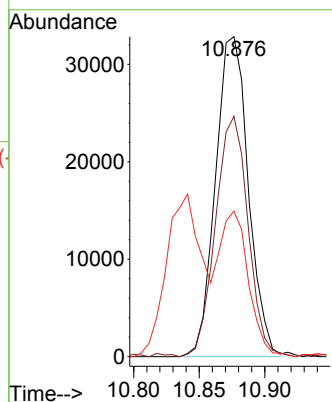
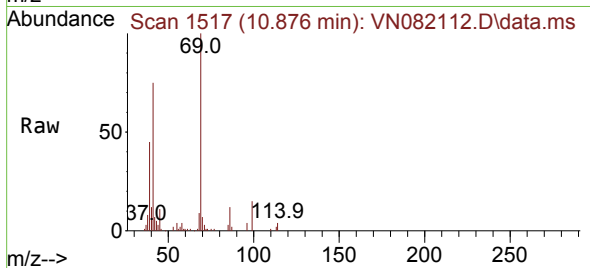
Tgt Ion: 69 Resp: 57134

Ion Ratio Lower Upper

69 100

41 75.1 25.5 76.5

39 44.4 16.0 47.9



#52

1,3-Dichloropropane

Concen: 22.575 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082112.D

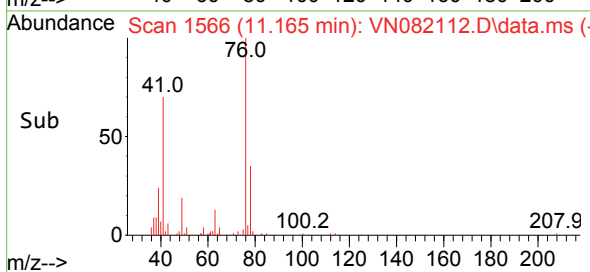
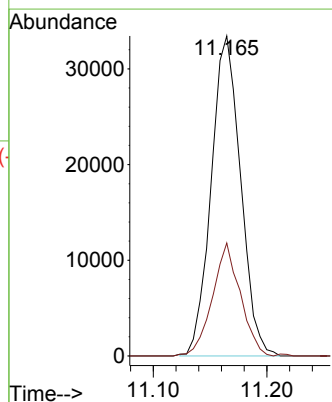
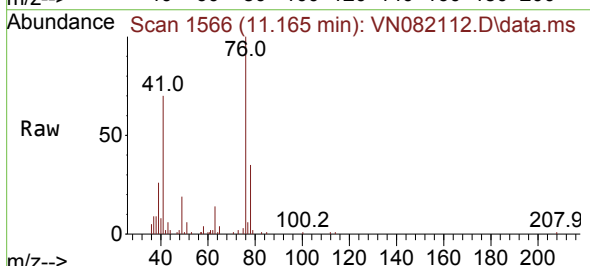
Acq: 13 May 2024 21:32

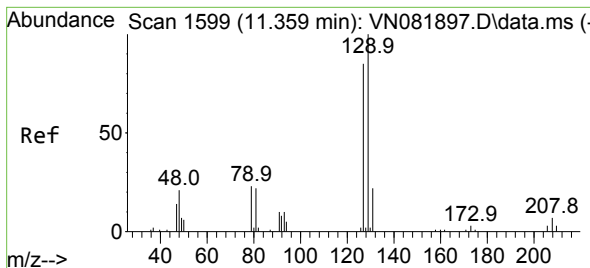
Tgt Ion: 76 Resp: 60117

Ion Ratio Lower Upper

76 100

78 33.5 0.0 65.8





#53

Dibromochloromethane

Concen: 20.198 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

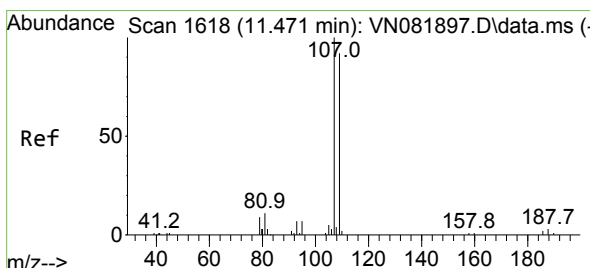
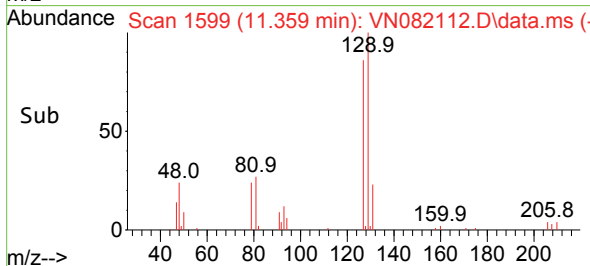
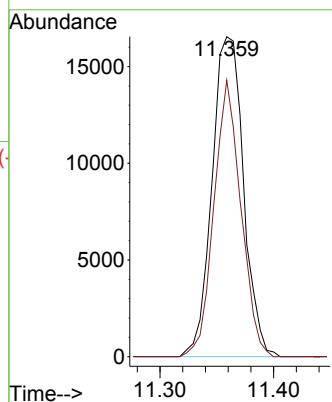
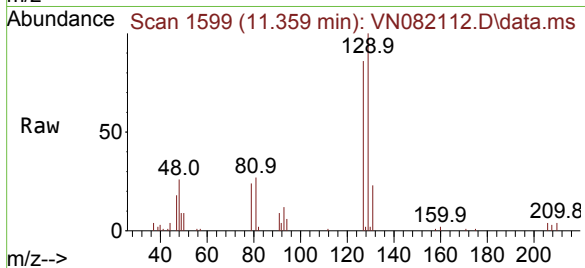
VSTDCCC020EC

Tgt Ion:129 Resp: 31852

Ion Ratio Lower Upper

129 100

127 73.9 39.4 118.1



#54

1,2-Dibromoethane

Concen: 21.642 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN082112.D

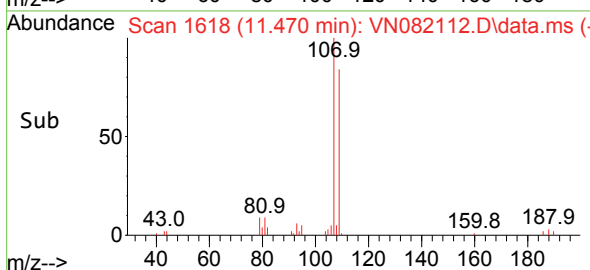
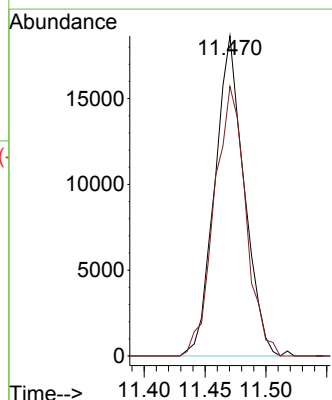
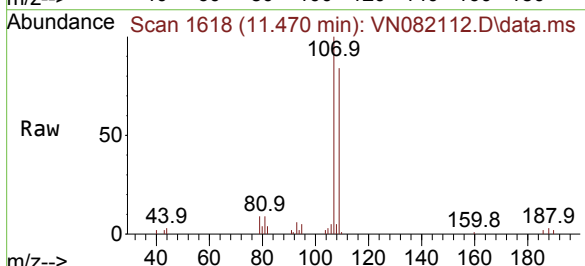
Acq: 13 May 2024 21:32

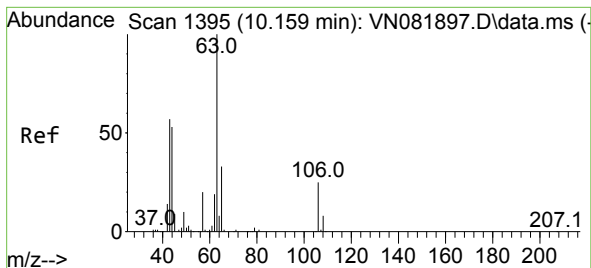
Tgt Ion:107 Resp: 31284

Ion Ratio Lower Upper

107 100

109 90.6 74.7 112.1

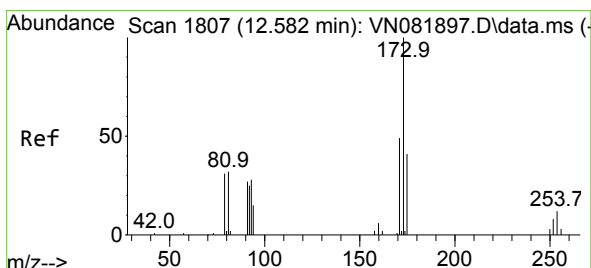
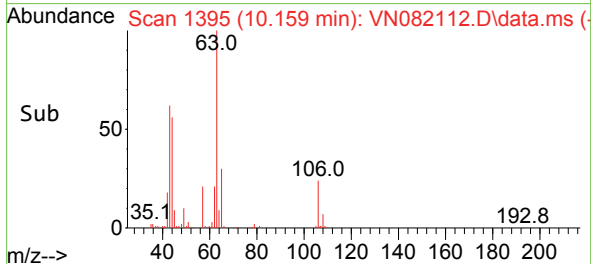
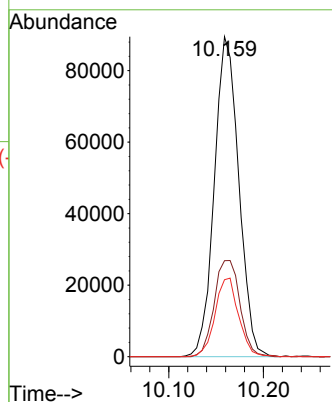
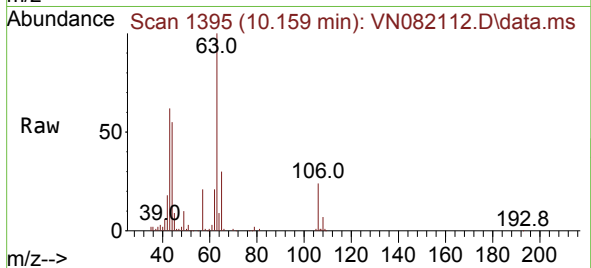




#55
2-Chloroethyl vinyl ether
Concen: 117.473 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

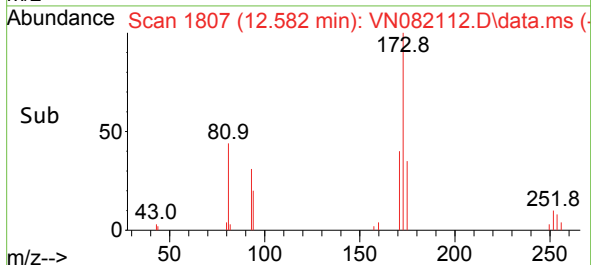
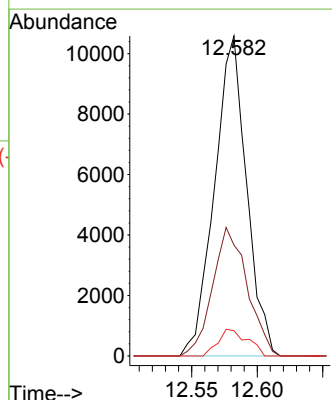
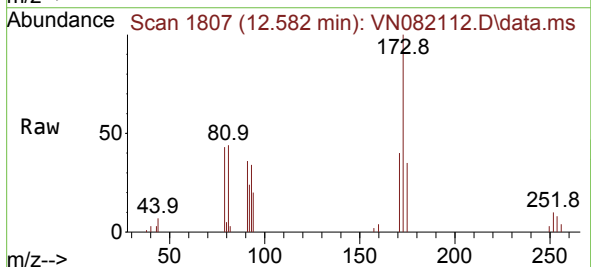
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

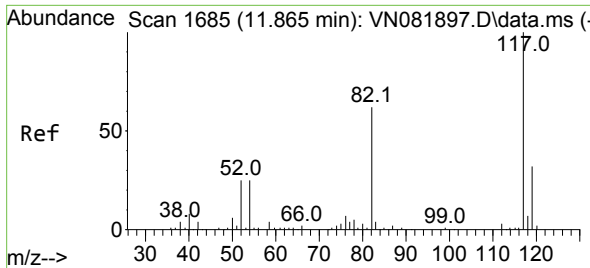
Tgt Ion: 63 Resp: 160697
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.2
106 23.6 23.8 35.8#



#56
Bromoform
Concen: 18.731 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:173 Resp: 17978
Ion Ratio Lower Upper
173 100
175 43.4 40.0 60.0
254 7.6 8.3 12.5#

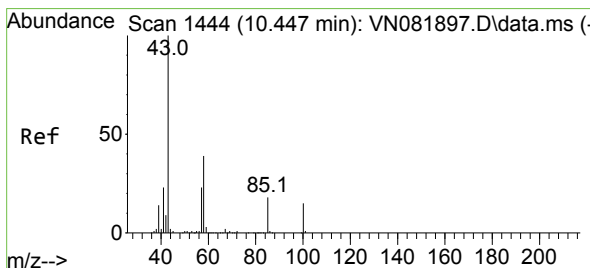
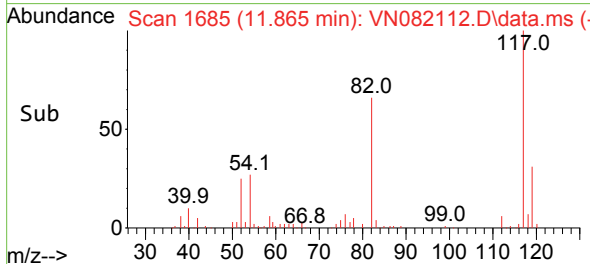
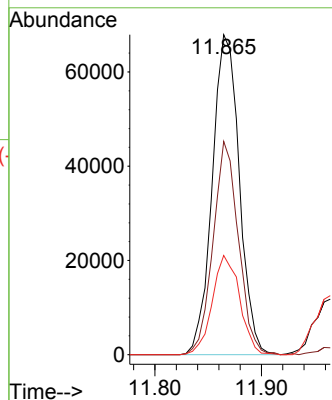
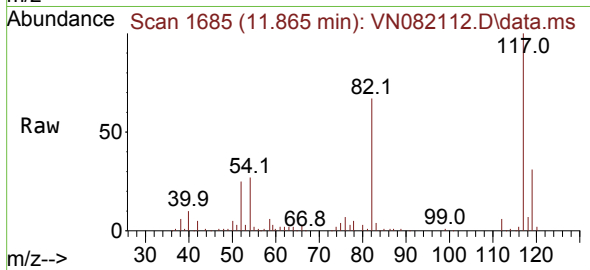




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

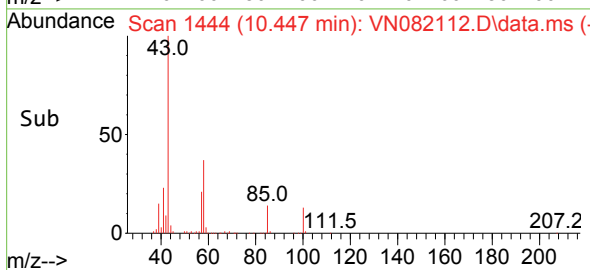
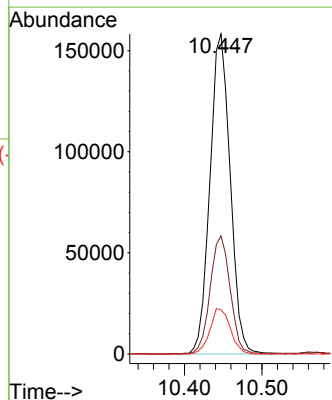
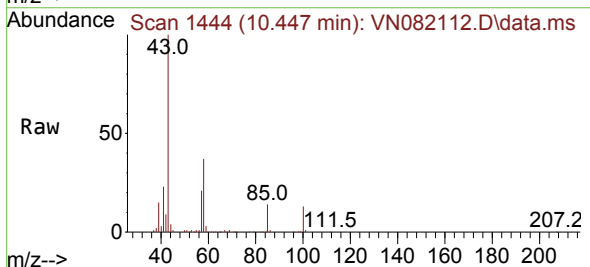
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

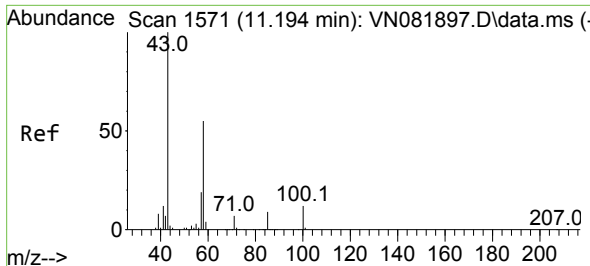
Tgt Ion:117 Resp: 119914
Ion Ratio Lower Upper
117 100
82 62.4 46.6 69.8
119 31.3 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 123.666 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 43 Resp: 287940
Ion Ratio Lower Upper
43 100
58 36.4 36.5 54.7#
85 14.3 19.5 29.3#

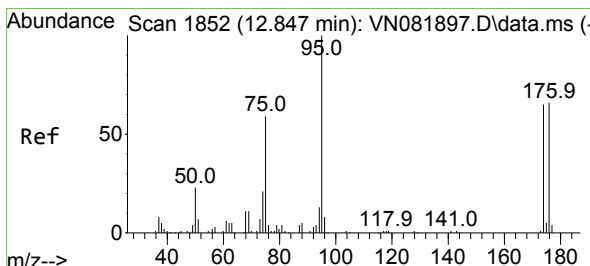
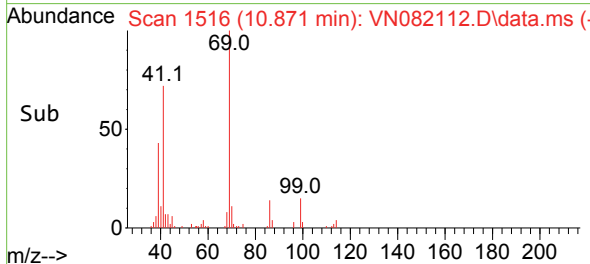
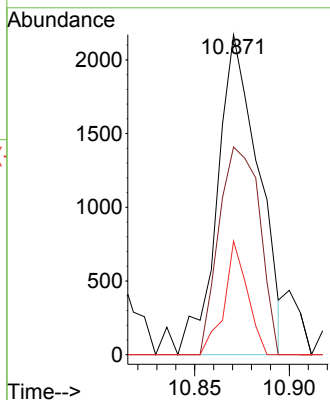
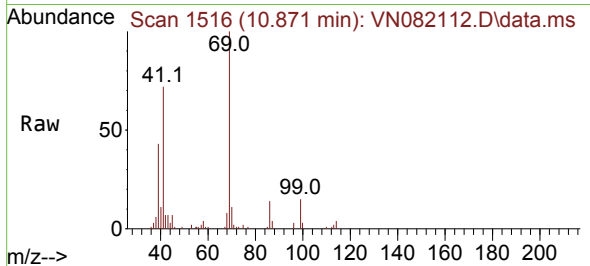




#59
2-Hexanone
Concen: 1.903 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.324 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

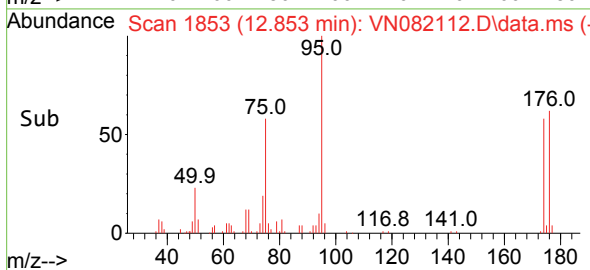
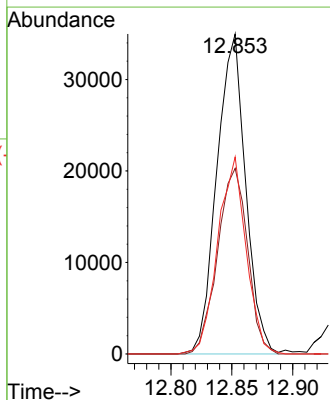
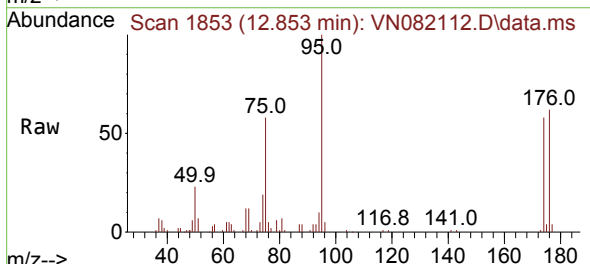
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

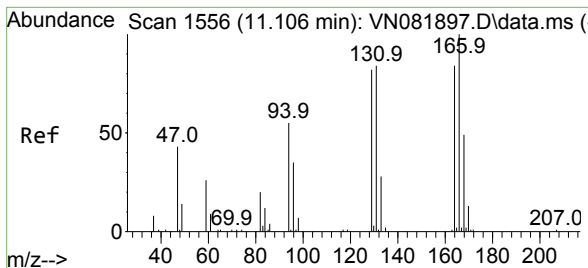
Tgt Ion: 43 Resp: 3285
Ion Ratio Lower Upper
43 100
58 64.1 50.4 75.6
57 19.9 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 28.792 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 95 Resp: 57459
Ion Ratio Lower Upper
95 100
174 60.5 60.5 90.7
176 60.8 57.8 86.6





#61

Tetrachloroethene

Concen: 14.565 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082112.D

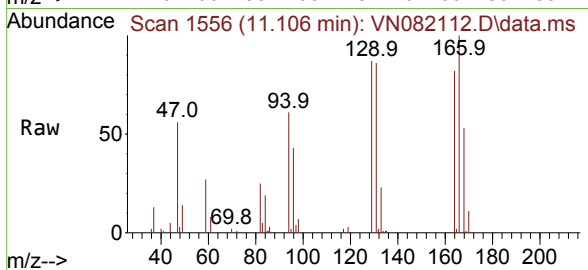
Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:164 Resp: 19380

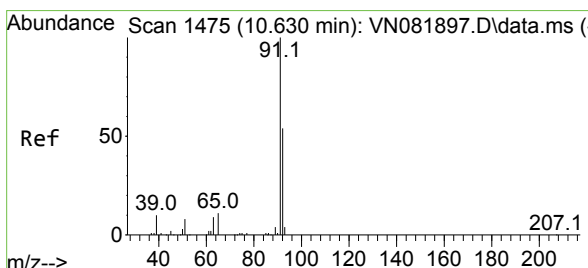
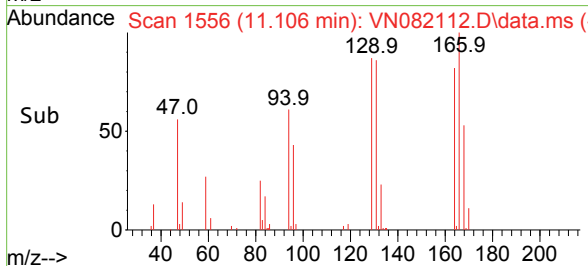
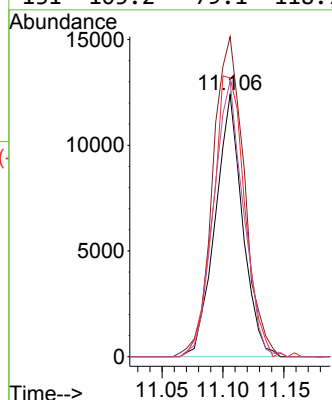
Ion Ratio Lower Upper

164 100

166 122.1 106.7 160.1

129 106.4 85.8 128.6

131 105.2 79.1 118.7



#62

Toluene

Concen: 20.709 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN082112.D

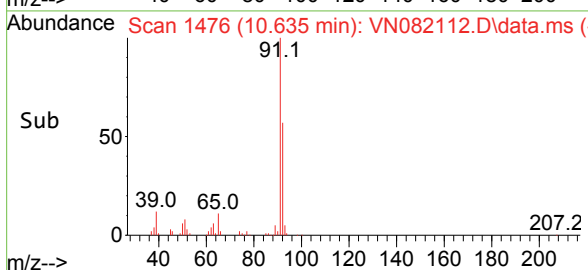
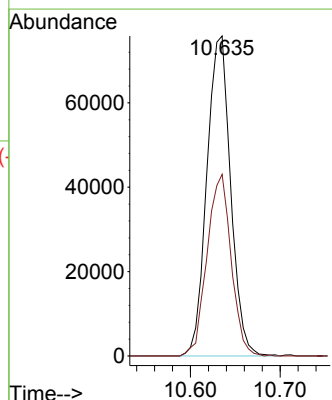
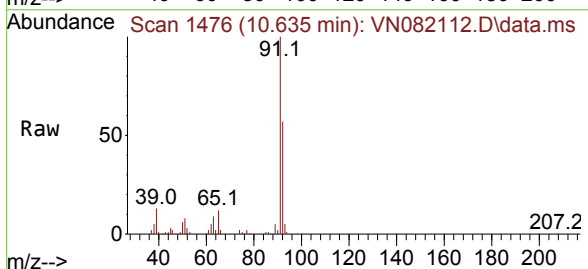
Acq: 13 May 2024 21:32

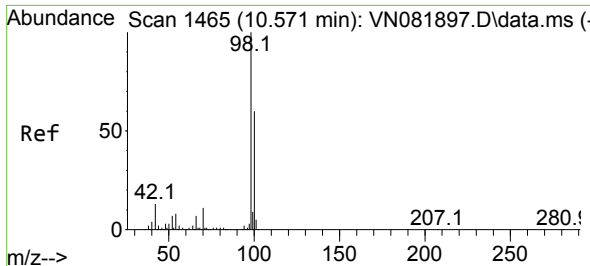
Tgt Ion: 91 Resp: 139724

Ion Ratio Lower Upper

91 100

92 57.3 46.5 69.7

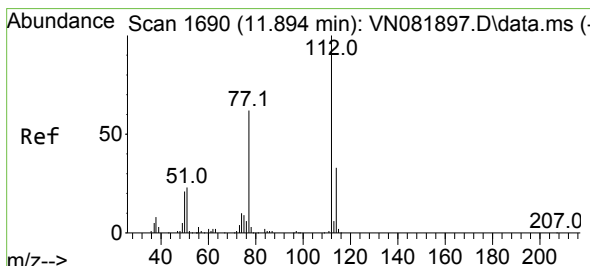
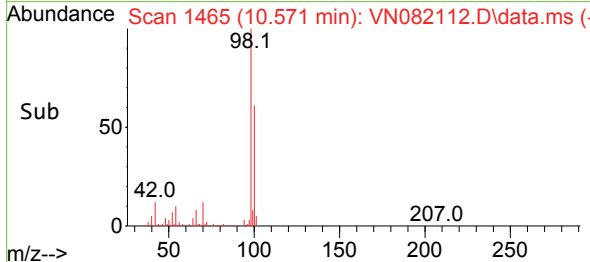
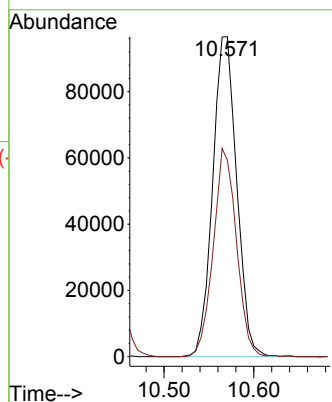
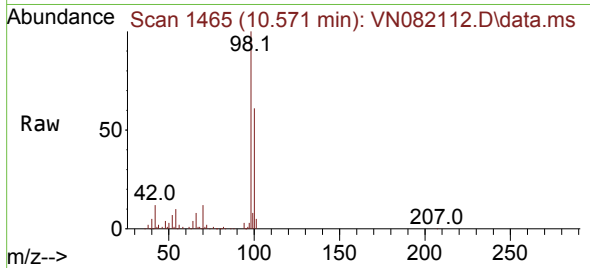




#63
Toluene-d8
Concen: 31.544 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

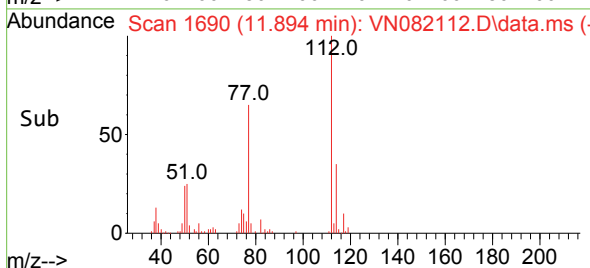
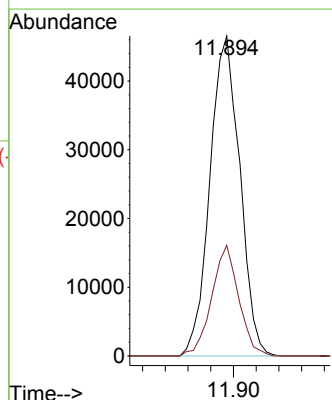
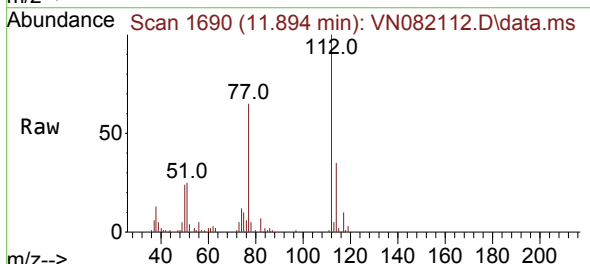
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

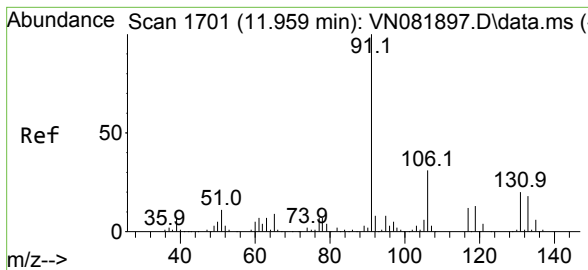
Tgt Ion: 98 Resp: 179638
Ion Ratio Lower Upper
98 100
100 62.7 52.7 79.1



#64
Chlorobenzene
Concen: 20.614 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 112 Resp: 85067
Ion Ratio Lower Upper
112 100
114 34.6 26.6 39.8

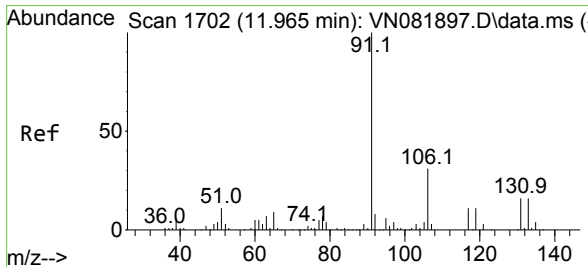
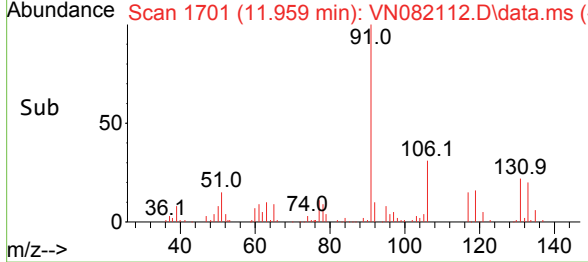
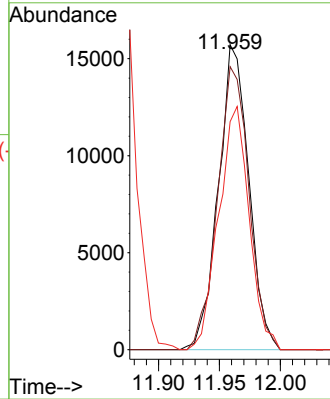
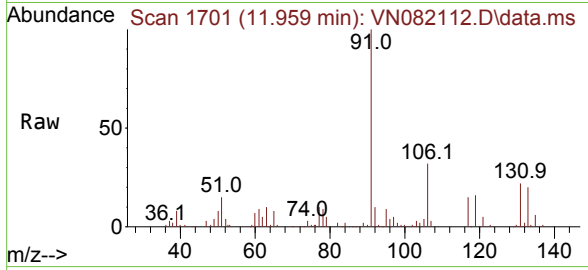




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.230 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

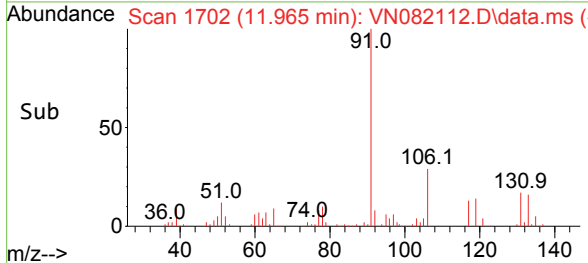
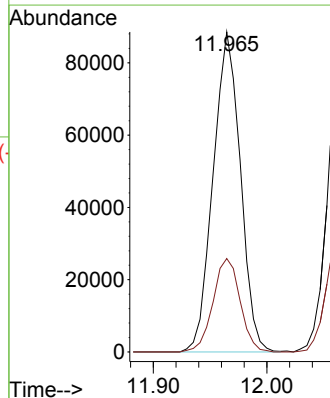
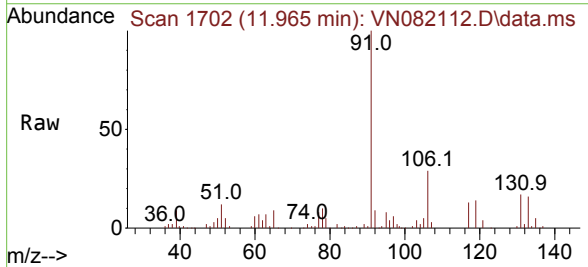
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

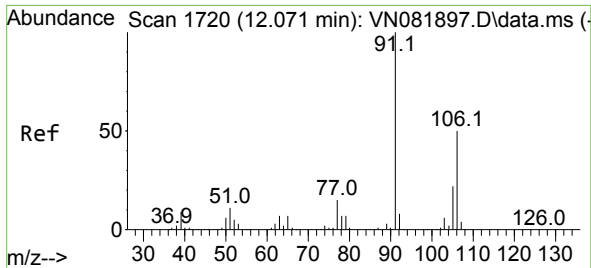
Tgt Ion:131 Resp: 27325
 Ion Ratio Lower Upper
 131 100
 133 95.9 0.0 188.0
 119 80.2 0.0 122.8



#66
 Ethyl Benzene
 Concen: 19.963 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

Tgt Ion: 91 Resp: 147642
 Ion Ratio Lower Upper
 91 100
 106 29.2 24.4 36.6

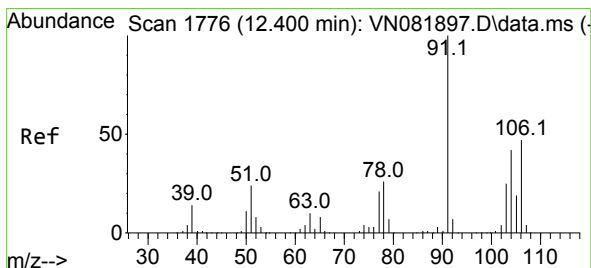
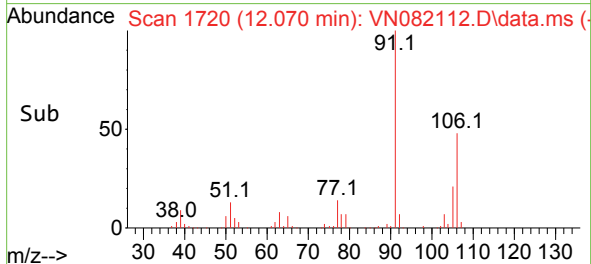
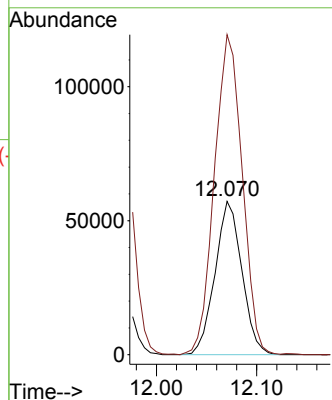
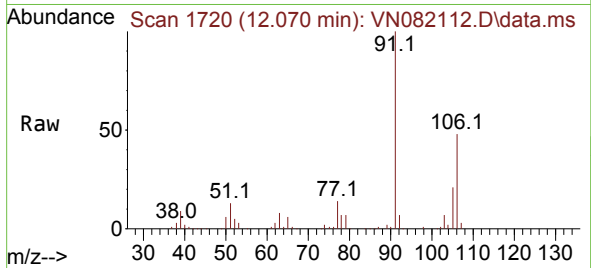




#67
m/p-Xylenes
Concen: 38.799 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

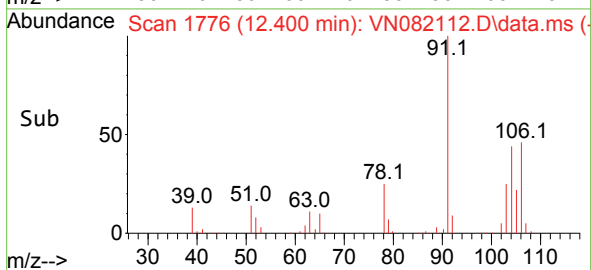
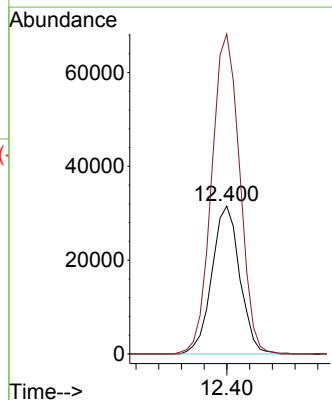
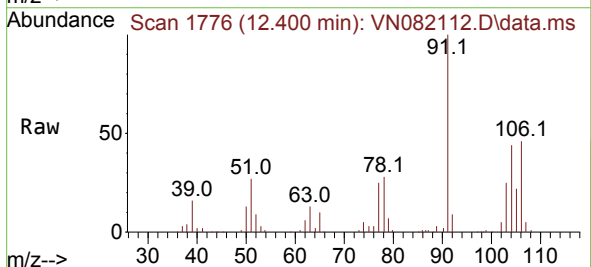
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

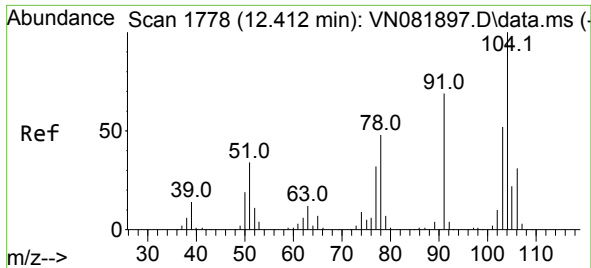
Tgt Ion:106 Resp: 106387
Ion Ratio Lower Upper
106 100
91 216.3 166.6 249.8



#68
o-Xylene
Concen: 19.868 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:106 Resp: 53901
Ion Ratio Lower Upper
106 100
91 217.3 110.0 330.0

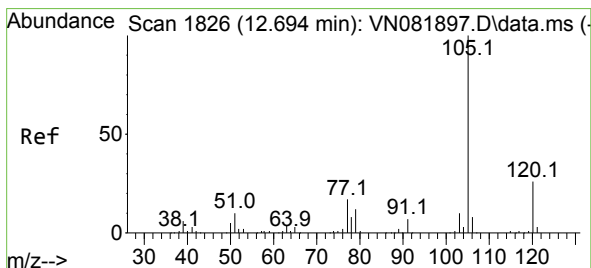
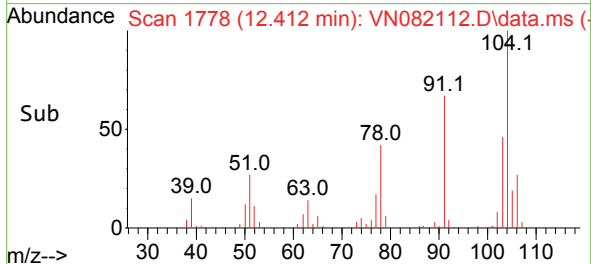
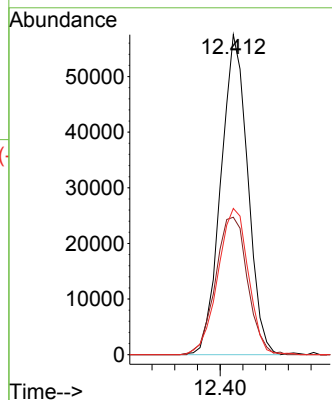
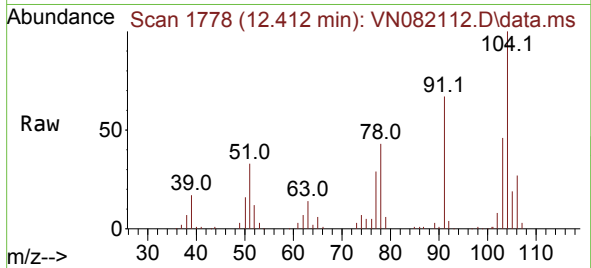




#69
Styrene
Concen: 20.765 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

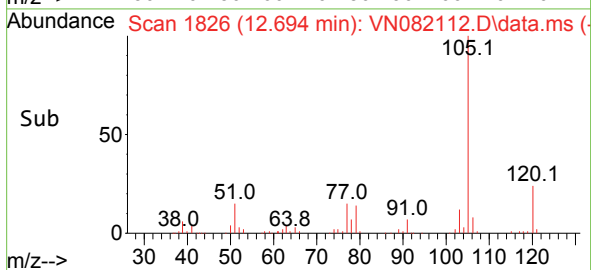
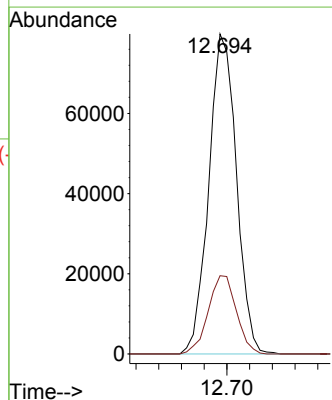
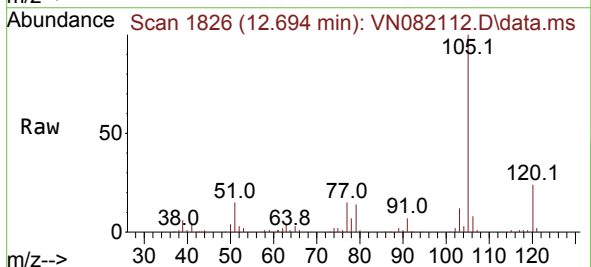
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

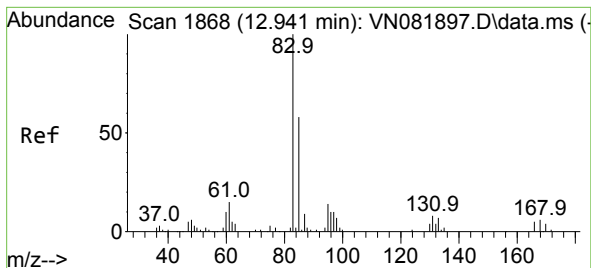
Tgt Ion:104 Resp: 94564
Ion Ratio Lower Upper
104 100
78 51.2 42.6 64.0
103 51.8 43.7 65.5



#70
Isopropylbenzene
Concen: 19.582 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:105 Resp: 134919
Ion Ratio Lower Upper
105 100
120 24.9 17.8 33.1

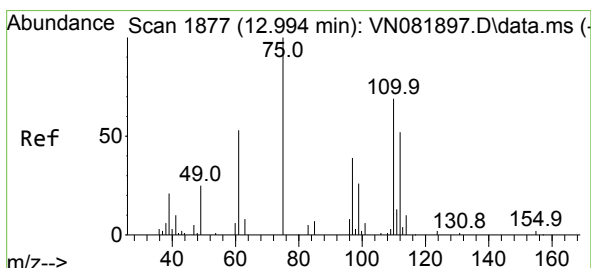
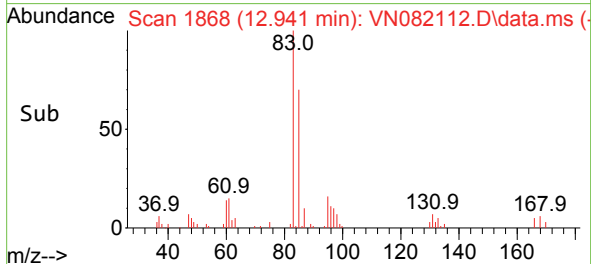
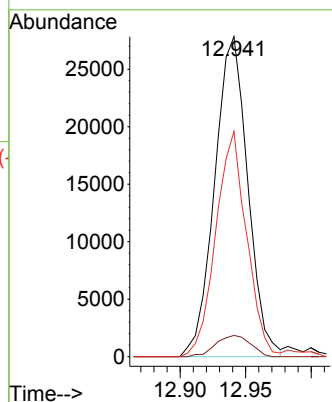
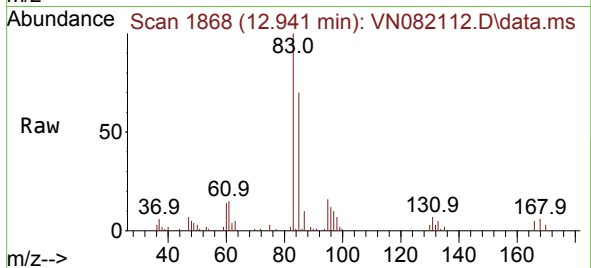




#71
1,1,2,2-Tetrachloroethane
Concen: 24.687 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

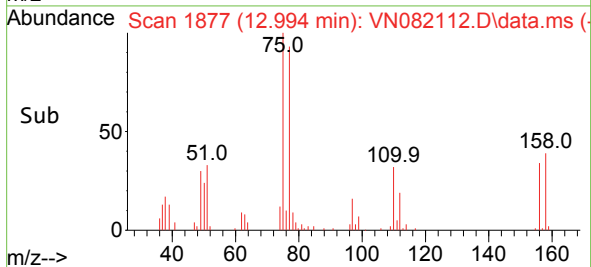
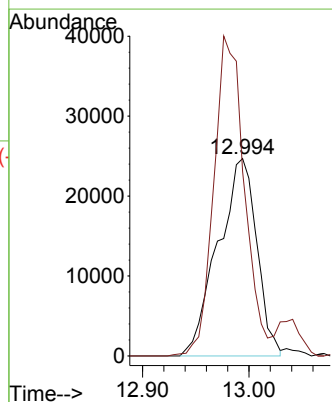
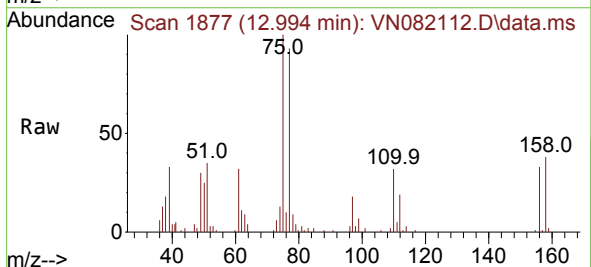
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

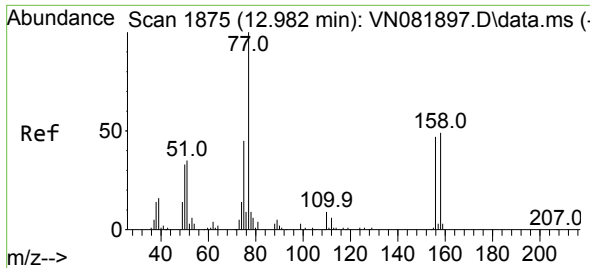
Tgt Ion: 83 Resp: 48949
Ion Ratio Lower Upper
83 100
131 7.0 5.2 15.6
85 65.4 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 33.639 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 75 Resp: 62356
Ion Ratio Lower Upper
75 100
77 127.6 0.0 367.6

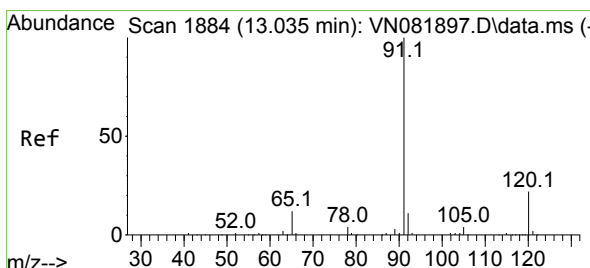
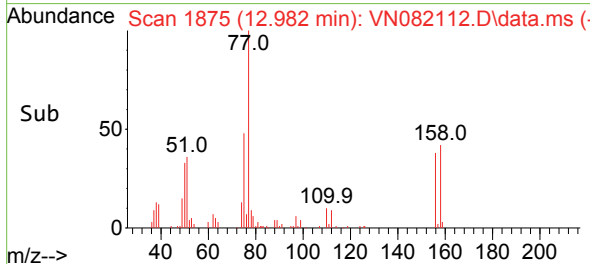
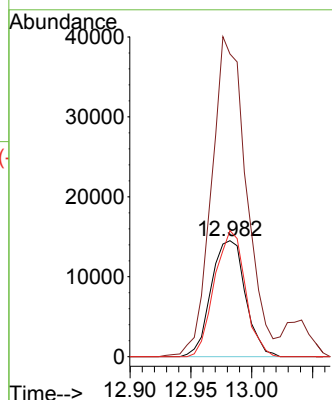
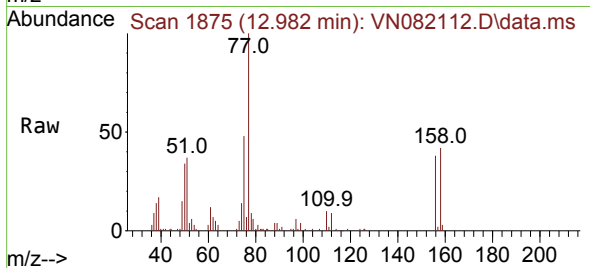




#73
Bromobenzene
Concen: 19.310 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

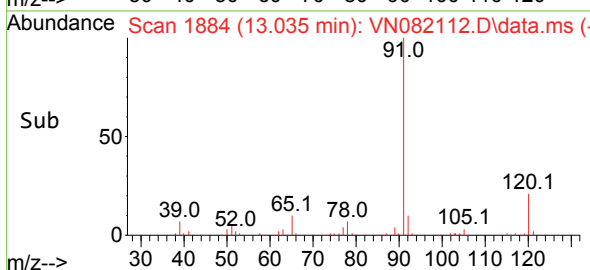
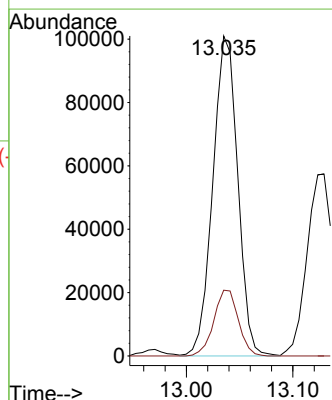
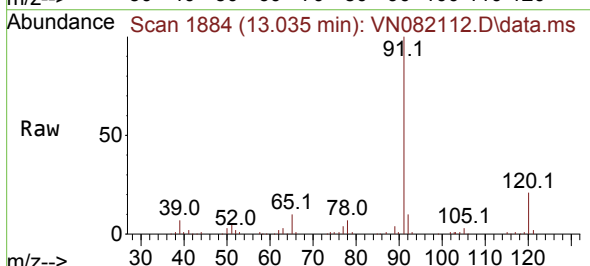
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

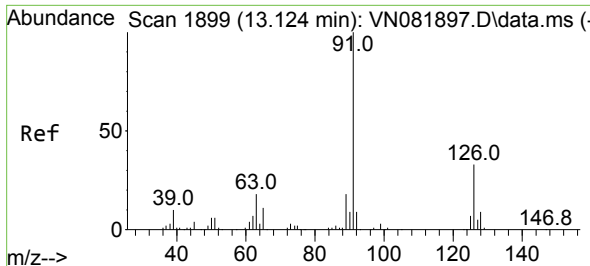
Tgt Ion	Ratio	Lower	Upper
156	100		
77	279.4	0.0	437.6
158	97.3	0.0	203.8



#74
n-propylbenzene
Concen: 20.164 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.2	0.0	43.8

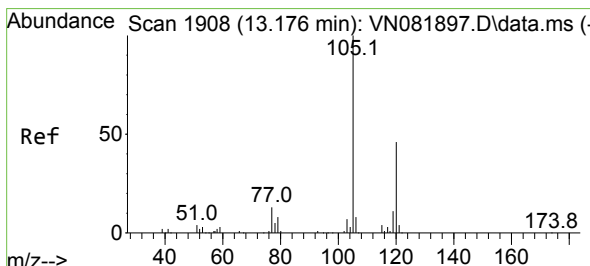
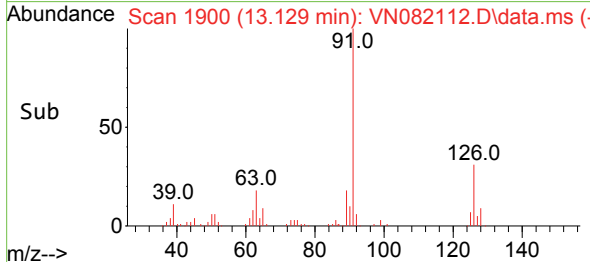
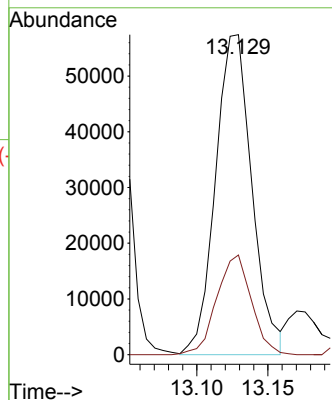
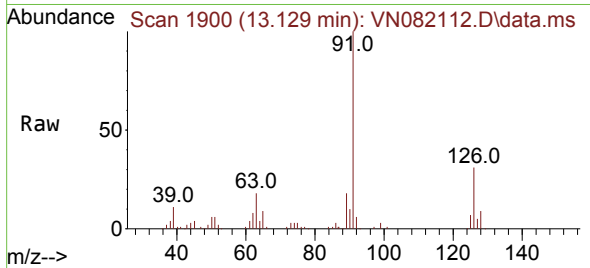




#75
2-Chlorotoluene
Concen: 20.353 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

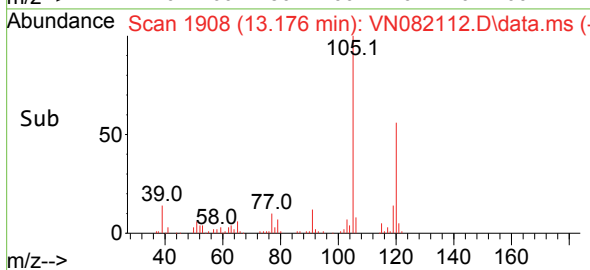
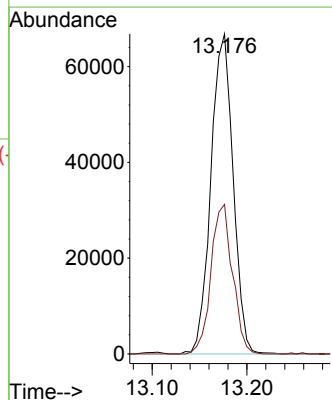
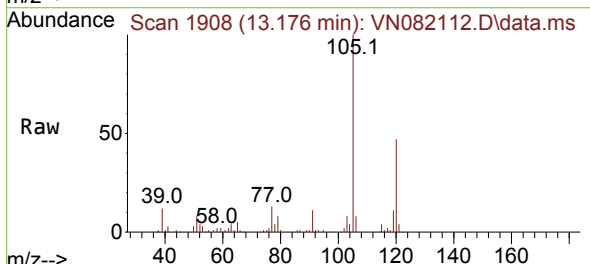
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

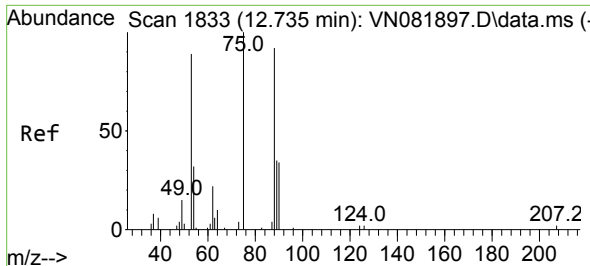
Tgt Ion: 91 Resp: 102351
Ion Ratio Lower Upper
91 100
126 29.6 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 19.507 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:105 Resp: 108793
Ion Ratio Lower Upper
105 100
120 45.3 0.0 95.8

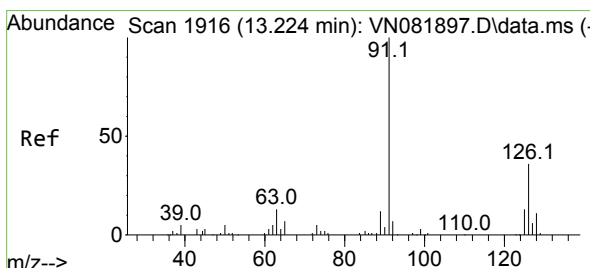
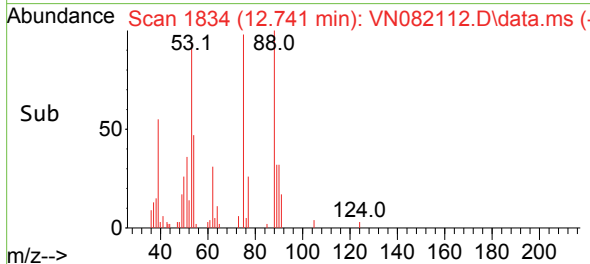
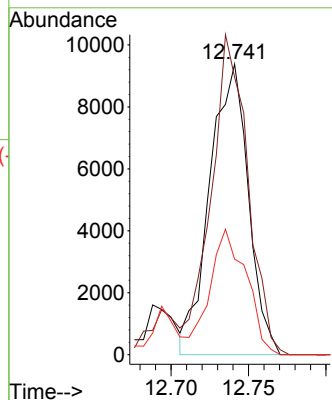
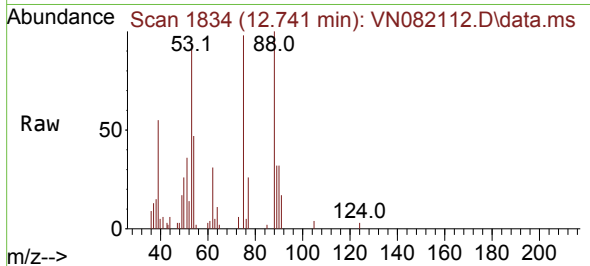




#77
t-1,4-Dichloro-2-butene
Concen: 19.631 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

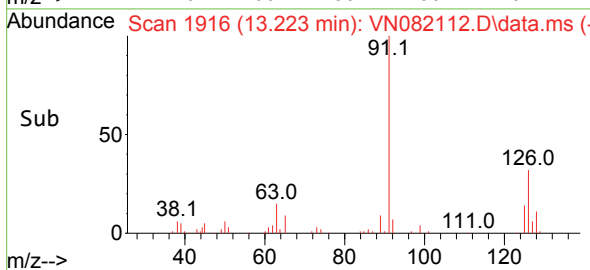
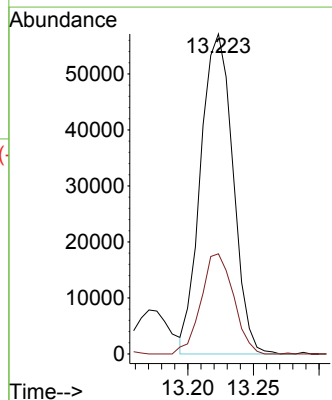
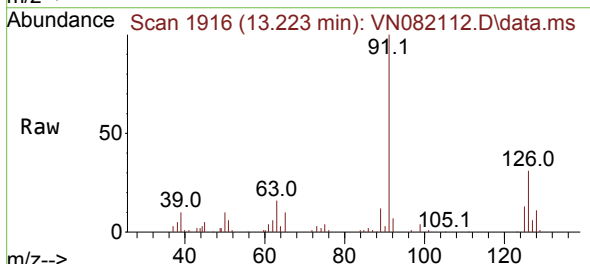
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MSVOA_N
ClientSampleId :
VSTDCCC020EC

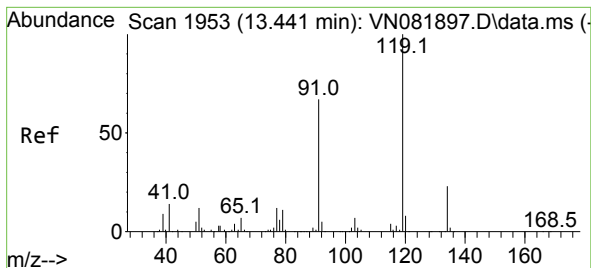
Tgt Ion: 75 Resp: 16197
Ion Ratio Lower Upper
75 100
53 93.8 45.9 137.7
89 32.8 25.9 77.7



#78
4-Chlorotoluene
Concen: 19.932 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion: 91 Resp: 98197
Ion Ratio Lower Upper
91 100
126 31.3 0.0 62.8





#79

tert-butylbenzene

Concen: 19.340 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

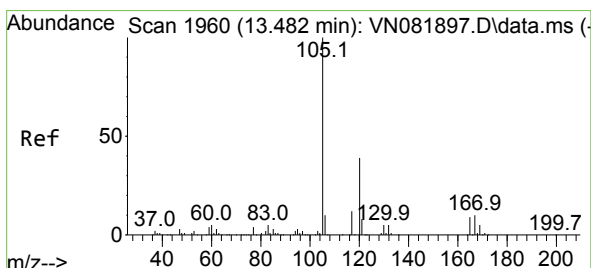
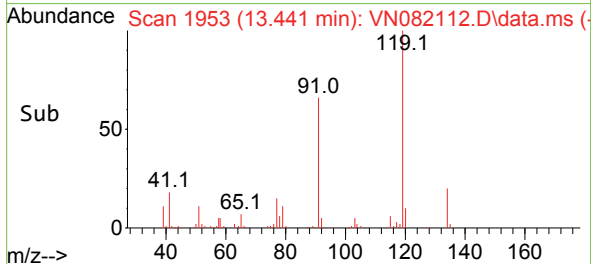
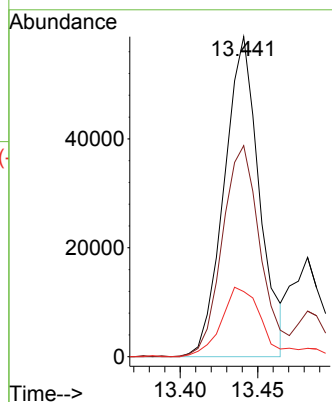
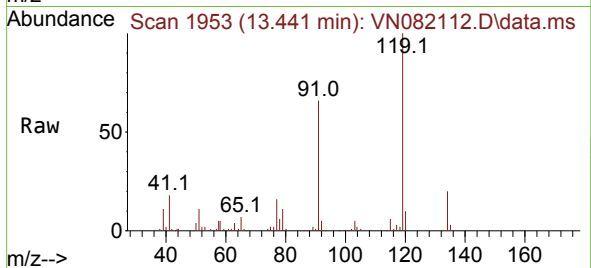
Tgt Ion:119 Resp: 92866

Ion Ratio Lower Upper

119 100

91 71.3 0.0 138.8

134 24.7 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 19.969 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082112.D

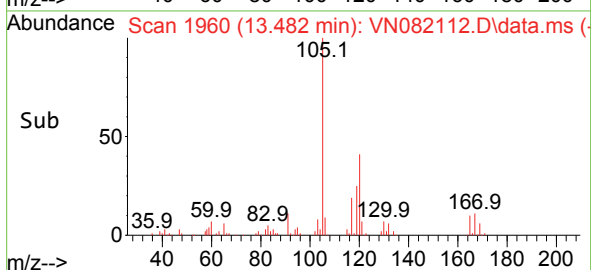
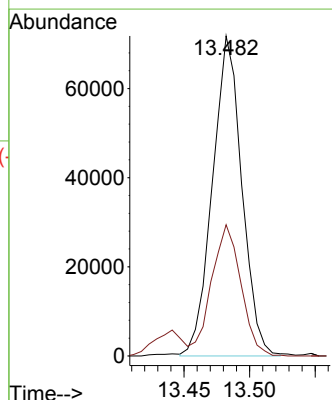
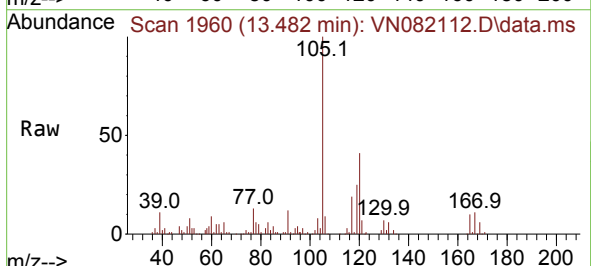
Acq: 13 May 2024 21:32

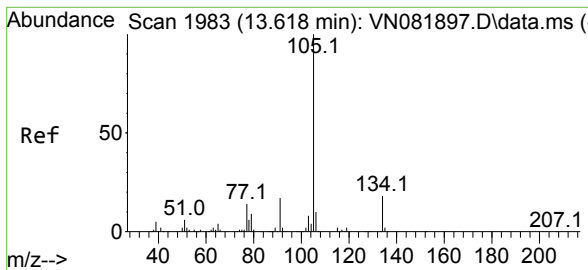
Tgt Ion:105 Resp: 111863

Ion Ratio Lower Upper

105 100

120 41.1 0.0 86.8

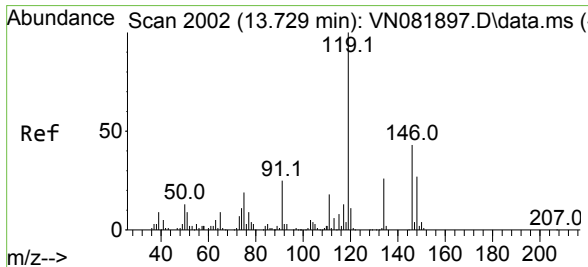
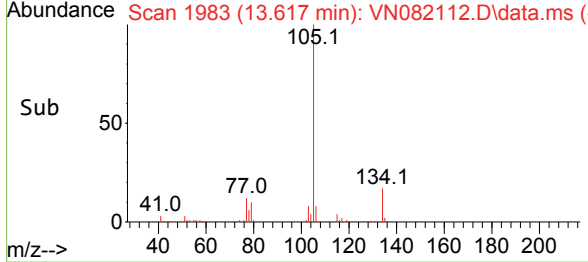
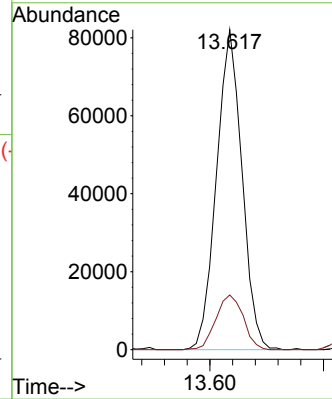
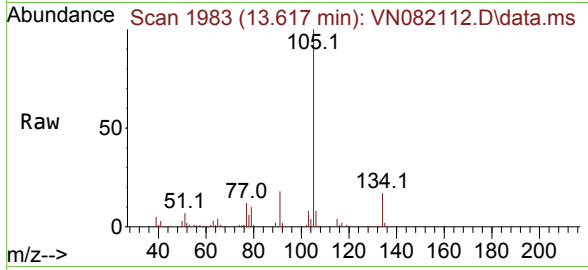




#81
 sec-Butylbenzene
 Concen: 18.995 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

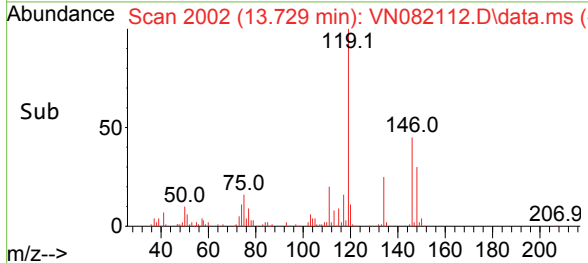
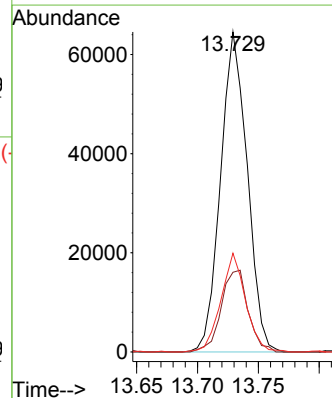
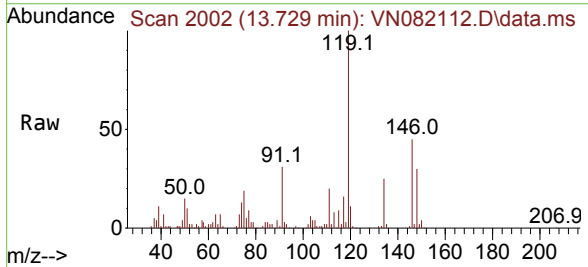
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

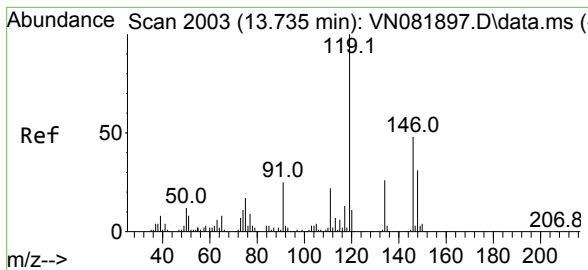
Tgt Ion:105 Resp: 127858
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 18.474 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082112.D
 Acq: 13 May 2024 21:32

Tgt Ion:119 Resp: 98327
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 49.2
 91 28.6 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 19.028 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

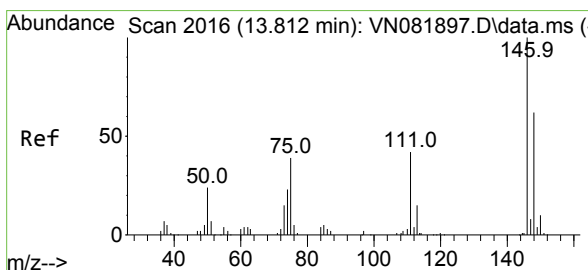
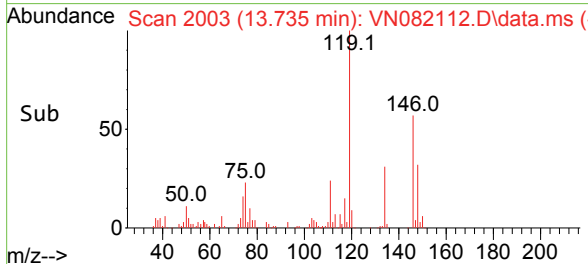
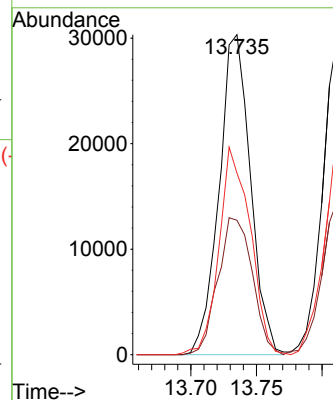
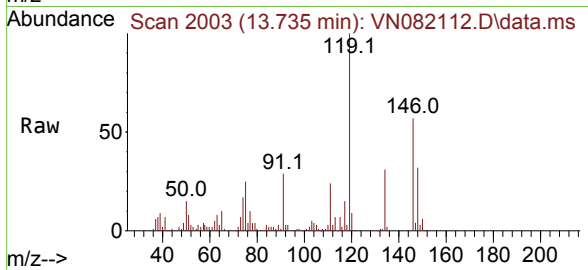
Tgt Ion:146 Resp: 50534

Ion Ratio Lower Upper

146 100

111 46.8 22.4 67.0

148 64.4 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 18.651 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

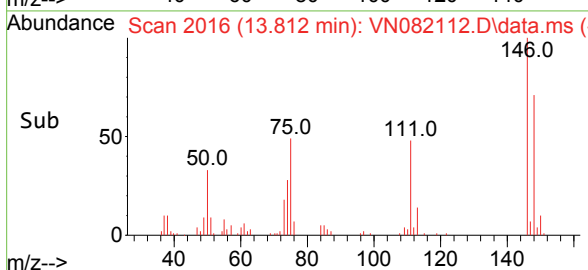
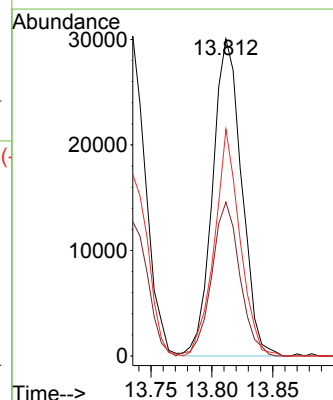
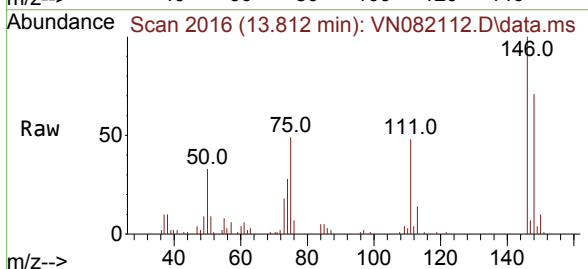
Tgt Ion:146 Resp: 49787

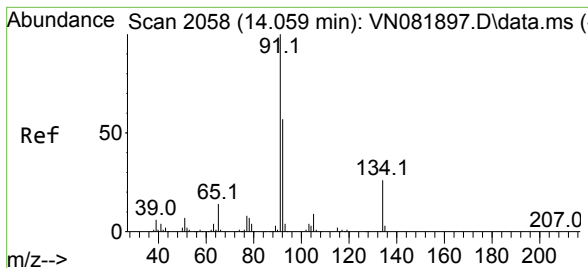
Ion Ratio Lower Upper

146 100

111 47.0 21.3 63.9

148 62.8 31.9 95.5





#85

n-Butylbenzene

Concen: 19.511 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

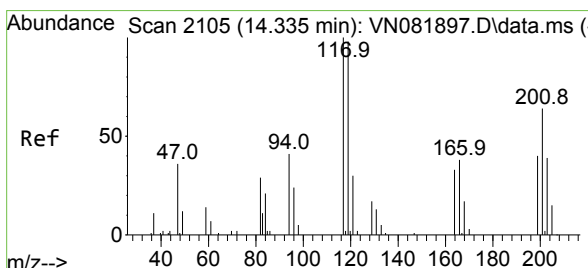
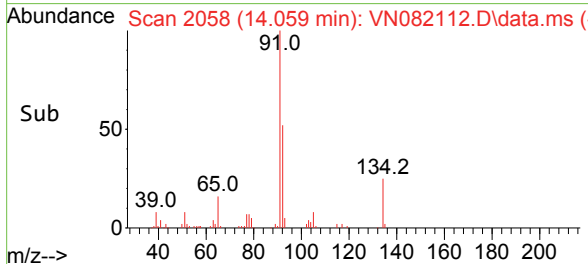
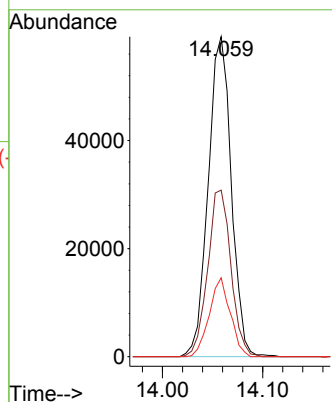
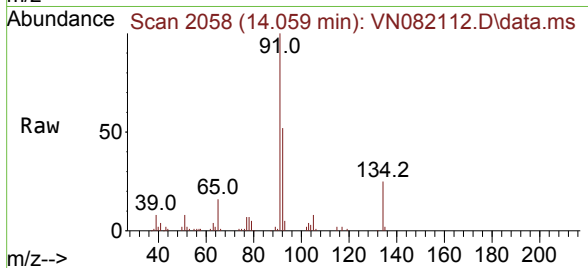
Tgt Ion: 91 Resp: 94858

Ion Ratio Lower Upper

91 100

92 52.4 0.0 105.0

134 22.4 0.0 51.8



#86

Hexachloroethane

Concen: 17.800 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082112.D

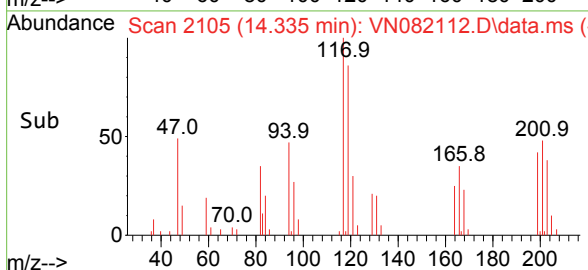
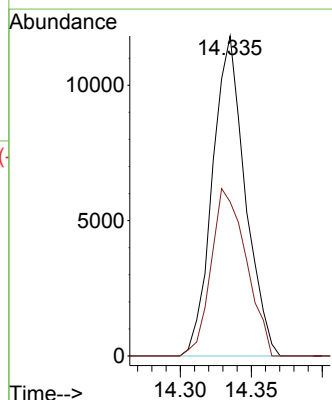
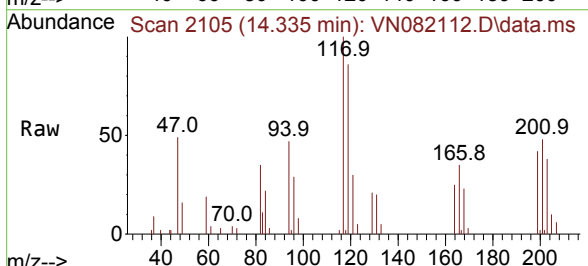
Acq: 13 May 2024 21:32

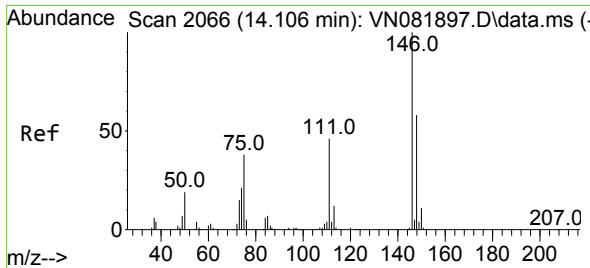
Tgt Ion: 117 Resp: 18890

Ion Ratio Lower Upper

117 100

201 56.3 38.0 114.0

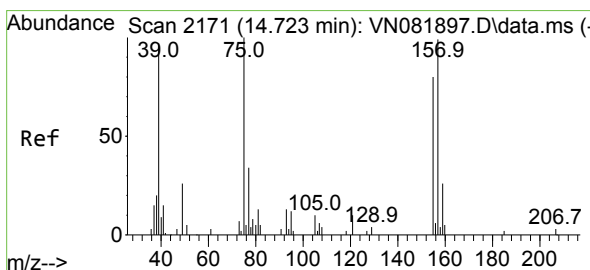
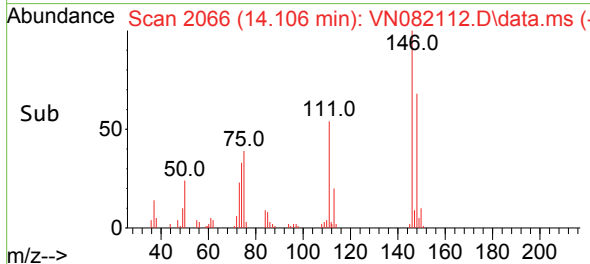
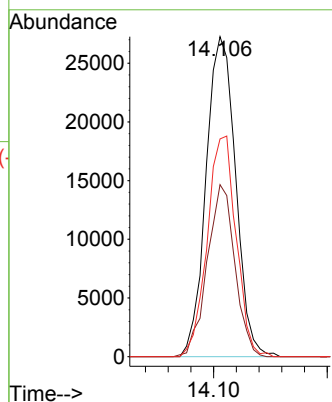
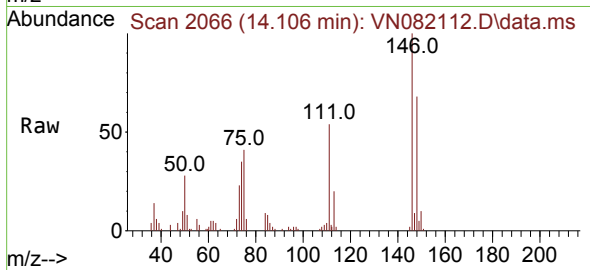




#87
1,2-Dichlorobenzene
Concen: 18.618 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

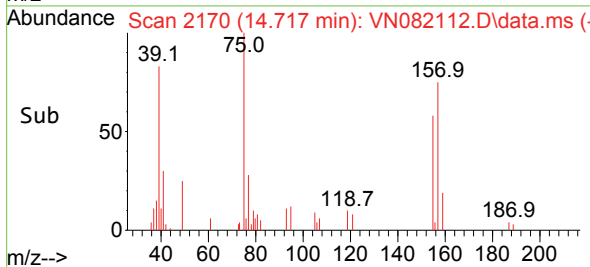
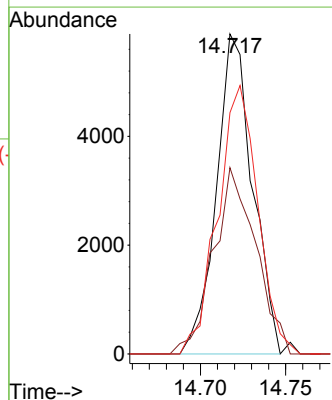
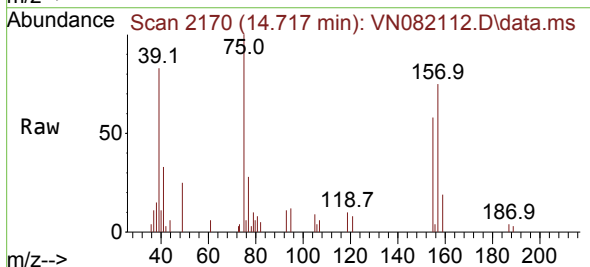
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

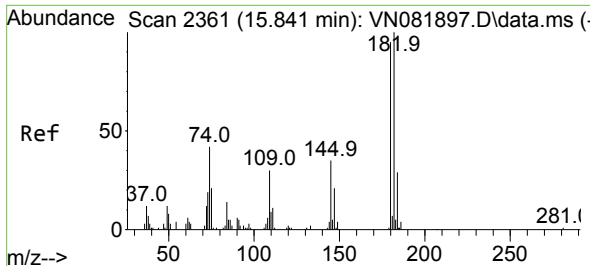
Tgt Ion:	146	Resp:	49247
Ion	Ratio	Lower	Upper
146	100		
111	50.2	22.6	67.8
148	67.5	31.3	93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.536 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:	75	Resp:	8692
Ion	Ratio	Lower	Upper
75	100		
155	68.0	61.7	92.5
157	93.0	83.6	125.4

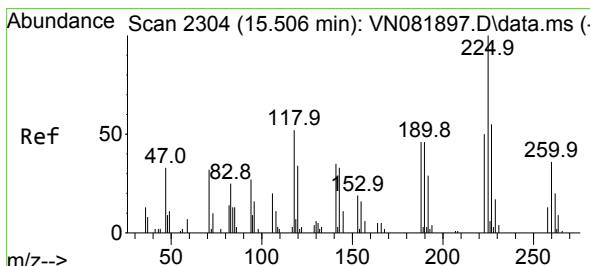
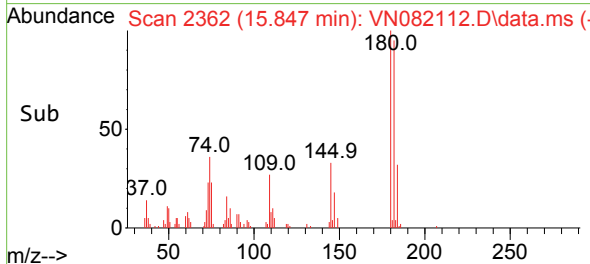
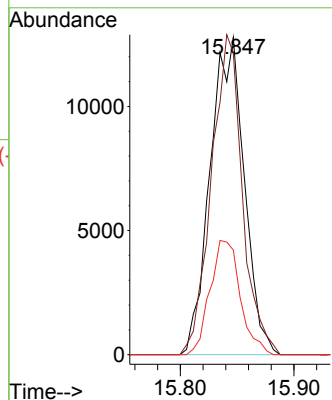
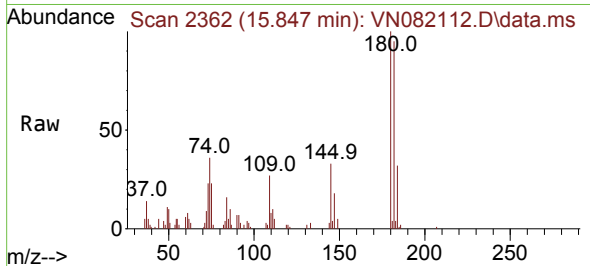




#89
1,2,4-Trichlorobenzene
Concen: 18.327 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

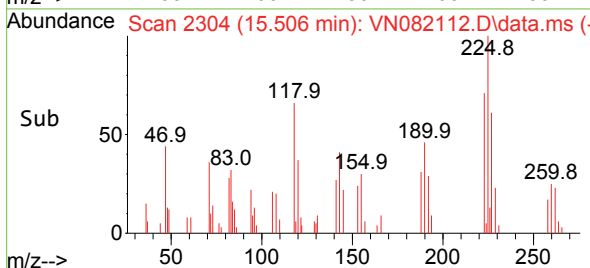
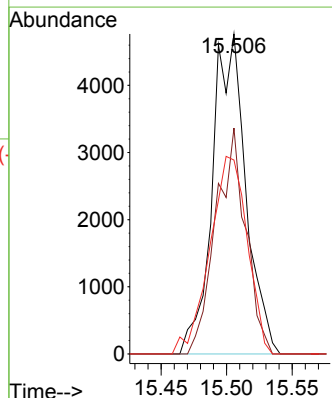
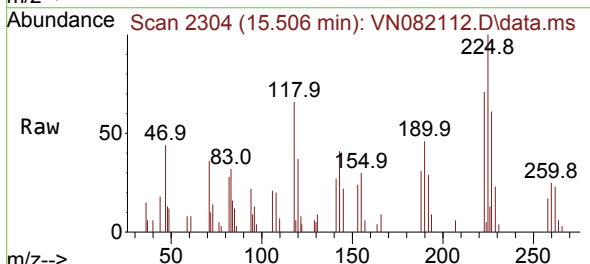
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

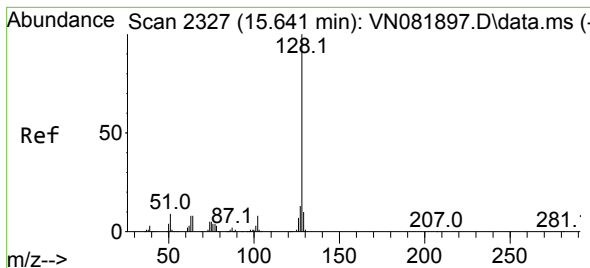
Tgt Ion:180 Resp: 26692
Ion Ratio Lower Upper
180 100
182 91.4 76.4 114.6
145 32.0 28.4 42.6



#90
Hexachlorobutadiene
Concen: 15.660 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN082112.D
Acq: 13 May 2024 21:32

Tgt Ion:225 Resp: 8447
Ion Ratio Lower Upper
225 100
223 63.5 0.0 126.6
227 69.2 0.0 126.6





#91

Naphthalene

Concen: 18.396 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

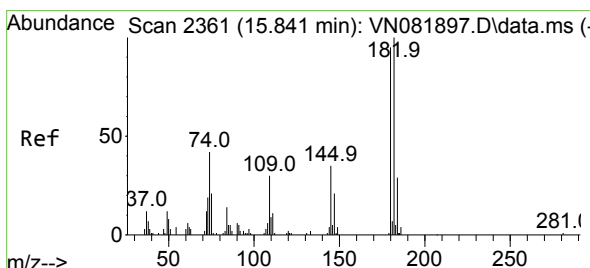
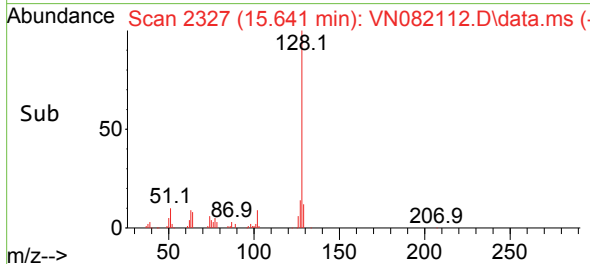
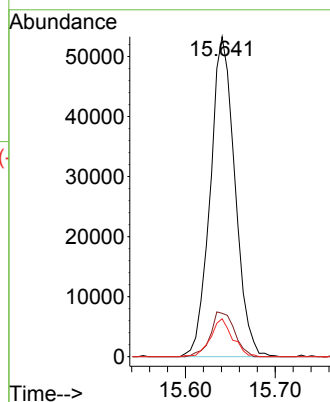
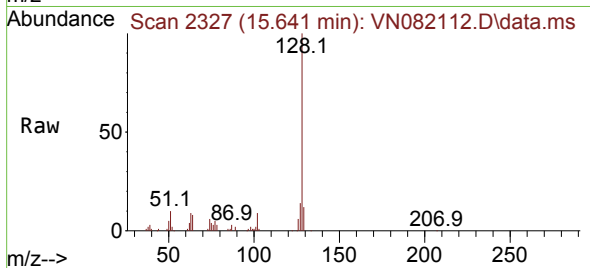
Tgt Ion:128 Resp: 101852

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.4 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 18.327 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN082112.D

Acq: 13 May 2024 21:32

Tgt Ion:180 Resp: 26692

Ion Ratio Lower Upper

180 100

182 91.4 0.0 191.0

145 32.0 0.0 71.0

