

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
 Data File : VN082003.D
 Acq On : 06 May 2024 12:23
 Operator : JC\MD
 Sample : VN0506WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 00:26:34 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	7.818	128	32329	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	187999	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	166566	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83350	30.793	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.633%	
60) 4-Bromofluorobenzene	12.853	95	79441	28.658	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.533%	
63) Toluene-d8	10.565	98	242554	30.663	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33260	18.124	ug/l	89
3) Chloromethane	2.359	50	42690	20.059	ug/l	99
4) Vinyl Chloride	2.518	62	38582	19.190	ug/l	89
5) Bromomethane	2.959	94	19627	18.709	ug/l	84
6) Chloroethane	3.124	64	22236	19.532	ug/l	94
7) Trichlorofluoromethane	3.500	101	53625	18.228	ug/l	98
8) Diethyl Ether	3.965	74	27814	19.530	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	35254	17.480	ug/l #	49
10) 1,1-Dichloroethene	4.342	96	36532	18.515	ug/l	96
11) Methyl Iodide	4.589	142	33260	18.445	ug/l	86
12) Methyl Acetate	5.024	43	56846	23.009	ug/l #	83
13) Acrolein	4.177	56	50302	95.797	ug/l	100
14) Acrylonitrile	5.718	53	121918	108.123	ug/l	65
15) Acetone	4.424	58	27969	110.692	ug/l	97
16) Carbon Disulfide	4.712	76	95713	17.509	ug/l	96
17) Allyl chloride	5.018	41	67397	19.455	ug/l	88
18) Methylene Chloride	5.277	84	44937	20.016	ug/l	92
19) trans-1,2-Dichloroethene	5.783	96	36064	17.559	ug/l	95
20) Diisopropyl ether	6.665	45	153027	19.966	ug/l	94
21) 1,1-Dichloroethane	6.565	63	79636	19.623	ug/l	98
22) cis-1,2-Dichloroethene	7.482	96	48372	19.327	ug/l	92
23) tert-Butyl Alcohol	5.518	59	48200	103.776	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	143436	20.164	ug/l #	85
25) Chloroform	7.971	83	76092	19.489	ug/l	90
26) Cyclohexane	8.265	56	66556	18.965	ug/l #	87
29) 1,1-Dichloropropene	8.371	75	52465	18.745	ug/l	98
30) 2-Butanone	7.482	43	162108	112.362	ug/l	95
31) 2,2-Dichloropropane	7.494	77	62913	21.934	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	61319	19.049	ug/l	95
33) Carbon Tetrachloride	8.359	117	47314	18.112	ug/l	97
34) Benzene	8.606	78	177863	19.920	ug/l	98
35) Methacrylonitrile	7.782	41	36918	20.226	ug/l	93
36) 1,2-Dichloroethane	8.665	62	57932	19.327	ug/l	100
37) Trichloroethene	9.353	130	37716	17.246	ug/l	89
38) Methylcyclohexane	9.600	83	64405	19.049	ug/l	98
39) 1,2-Dichloropropane	9.624	63	48562	21.196	ug/l	100
40) Dibromomethane	9.712	93	30866	20.971	ug/l	87
41) Bromodichloromethane	9.894	83	62471	19.858	ug/l	96
42) Vinyl Acetate	6.600	43	635031	103.413	ug/l	96

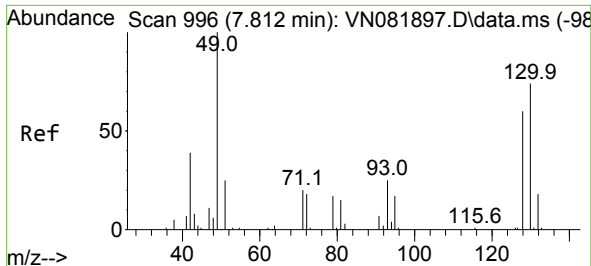
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	63806	20.284	ug/l	96
44) Isopropyl Acetate	8.688	43	117141	20.976	ug/l #	88
45) 1,4-Dioxane	9.694	88	19368	432.458	ug/l #	92
46) Methyl methacrylate	9.682	41	53389	20.926	ug/l	81
47) n-amyl Acetate	12.494	43	100717	19.996	ug/l #	87
48) t-1,3-Dichloropropene	10.835	75	70387	20.633	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	72811	20.187	ug/l #	88
50) 1,1,2-Trichloroethane	11.018	97	42161	21.114	ug/l #	87
51) Ethyl methacrylate	10.876	69	75393	20.005	ug/l	76
52) 1,3-Dichloropropane	11.165	76	75272	20.518	ug/l	99
53) Dibromochloromethane	11.359	129	41456	19.082	ug/l	100
54) 1,2-Dibromoethane	11.470	107	40431	20.302	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	198681	105.425	ug/l	96
56) Bromoform	12.582	173	24905	18.835	ug/l #	93
58) 4-Methyl-2-Pentanone	10.447	43	352396	108.959	ug/l #	88
59) 2-Hexanone	11.194	43	265590	110.756	ug/l #	88
61) Tetrachloroethene	11.106	164	32248	17.448	ug/l	89
62) Toluene	10.629	91	182094	19.430	ug/l	99
64) Chlorobenzene	11.894	112	110142	19.214	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.965	131	36106	19.244	ug/l	92
66) Ethyl Benzene	11.965	91	201794	19.643	ug/l	97
67) m/p-Xylenes	12.070	106	149830	39.338	ug/l	97
68) o-Xylene	12.400	106	74767	19.841	ug/l	96
69) Styrene	12.412	104	122170	19.313	ug/l	98
70) Isopropylbenzene	12.700	105	188138	19.658	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	62013	22.516	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	81473	31.642	ug/l	58
73) Bromobenzene	12.982	156	38017	18.556	ug/l	80
74) n-propylbenzene	13.035	91	222444	19.700	ug/l	98
75) 2-Chlorotoluene	13.129	91	133328	19.087	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	148684	19.193	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	25399	22.162	ug/l	93
78) 4-Chlorotoluene	13.223	91	131876	19.271	ug/l	99
79) tert-butylbenzene	13.441	119	126467	18.961	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	147772	18.991	ug/l	98
81) sec-Butylbenzene	13.617	105	184678	19.752	ug/l	98
82) p-Isopropyltoluene	13.729	119	141772	19.176	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	68343	18.526	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	70230	18.941	ug/l	99
85) n-Butylbenzene	14.059	91	134876	19.972	ug/l	98
86) Hexachloroethane	14.335	117	27805	18.862	ug/l	72
87) 1,2-Dichlorobenzene	14.106	146	68556	18.659	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	11083	17.933	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	36614	18.098	ug/l	98
90) Hexachlorobutadiene	15.506	225	12225	16.316	ug/l	99
91) Naphthalene	15.647	128	144064	18.733	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	36614	18.098	ug/l	98

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.818 min Scan# 996

Delta R.T. 0.006 min

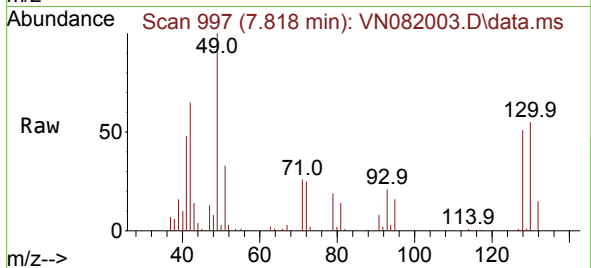
Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :



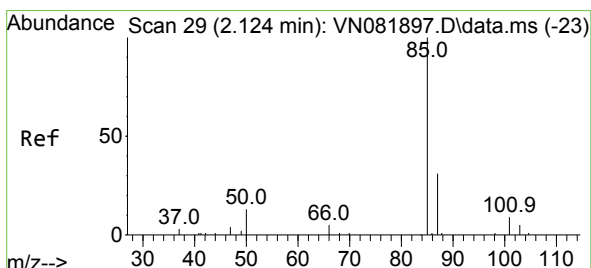
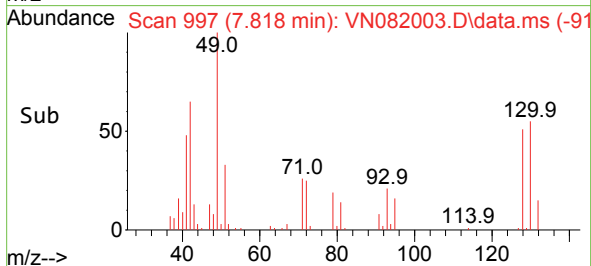
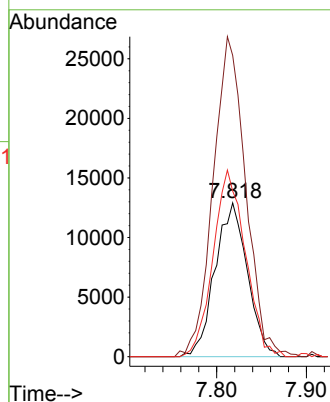
Tgt Ion:128 Resp: 32329

Ion Ratio Lower Upper

128 100

49 209.5 0.0 403.7

130 121.3 0.0 323.3



#2

Dichlorodifluoromethane

Concen: 18.124 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082003.D

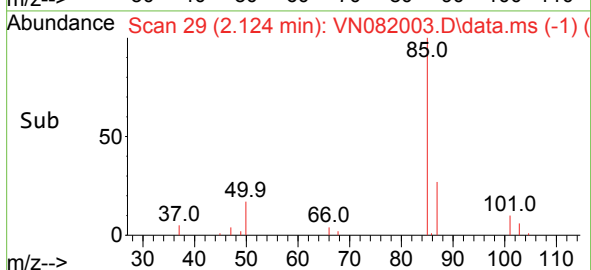
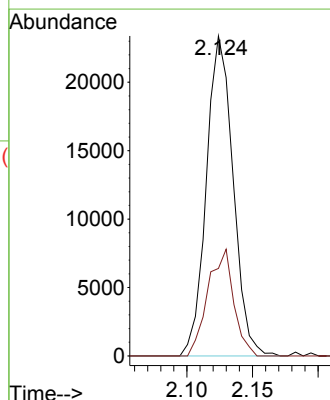
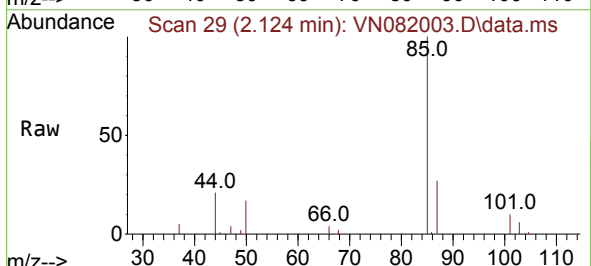
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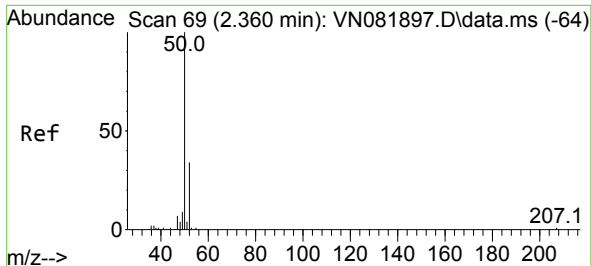
Tgt Ion: 85 Resp: 33260

Ion Ratio Lower Upper

85 100

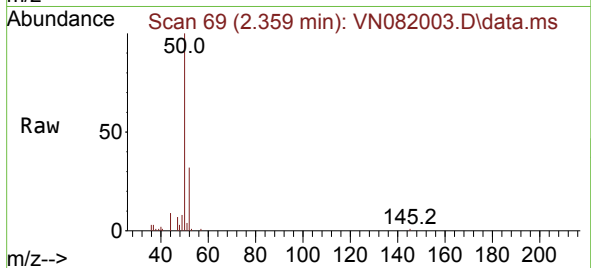
87 27.3 16.8 50.3



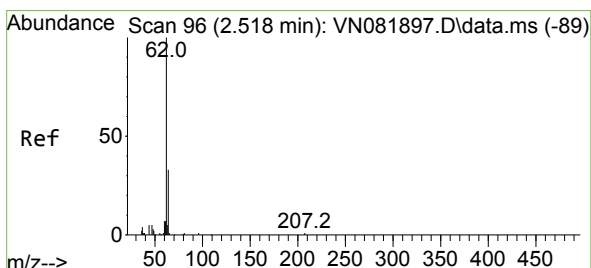
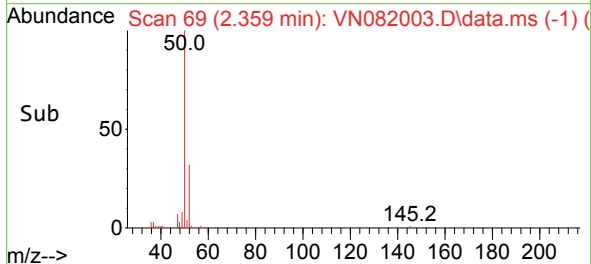
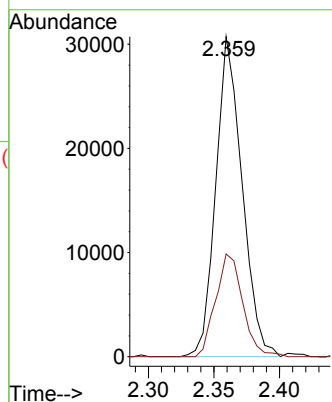


#3
Chloromethane
Concen: 20.059 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :

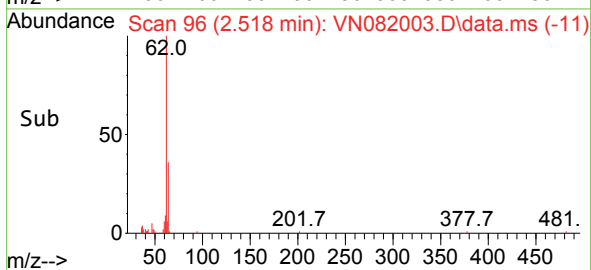
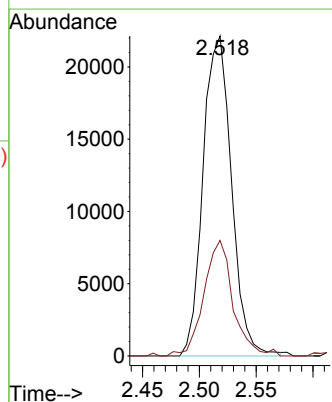
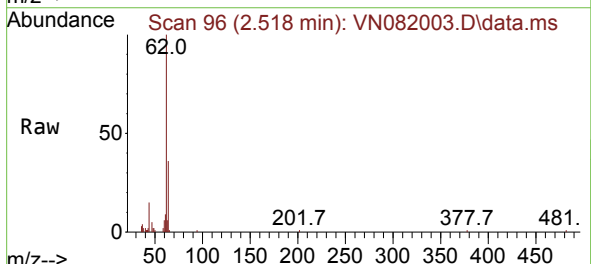


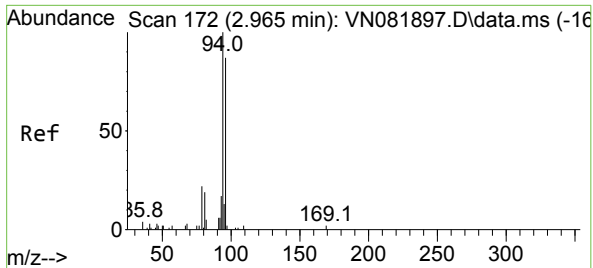
Tgt Ion: 50 Resp: 42690
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0



#4
Vinyl Chloride
Concen: 19.190 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 62 Resp: 38582
Ion Ratio Lower Upper
62 100
64 36.1 24.1 36.1

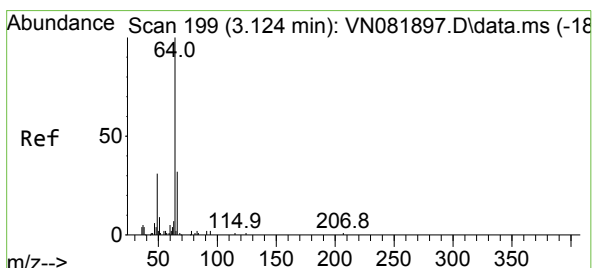
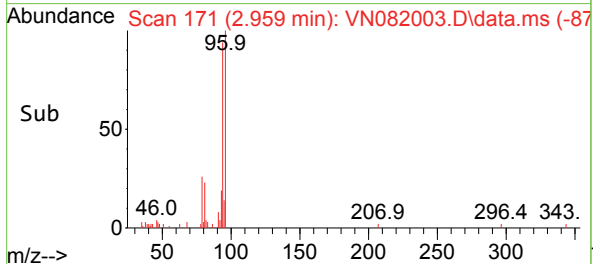
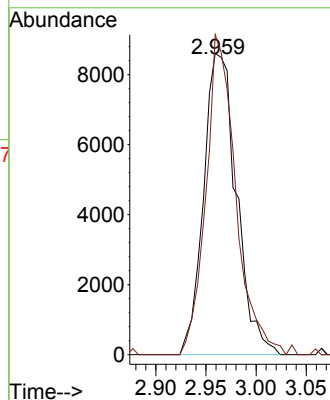
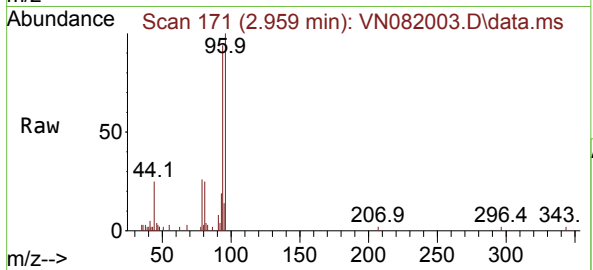




#5
Bromomethane
Concen: 18.709 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

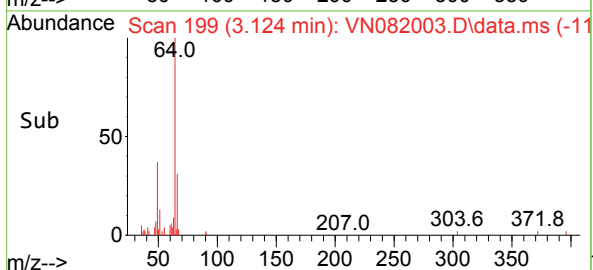
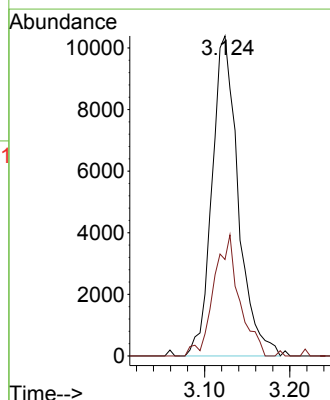
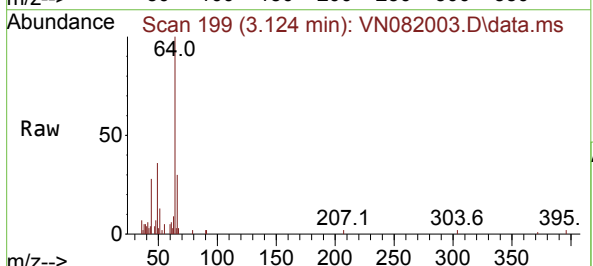
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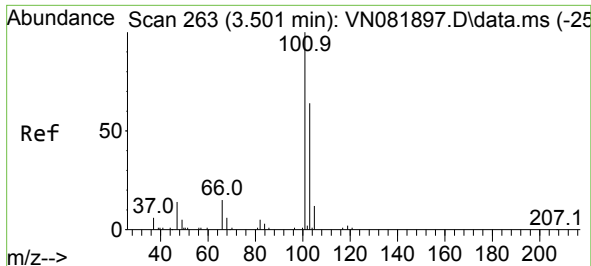
Tgt Ion: 94 Resp: 19627
Ion Ratio Lower Upper
94 100
96 106.2 72.8 109.2



#6
Chloroethane
Concen: 19.532 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

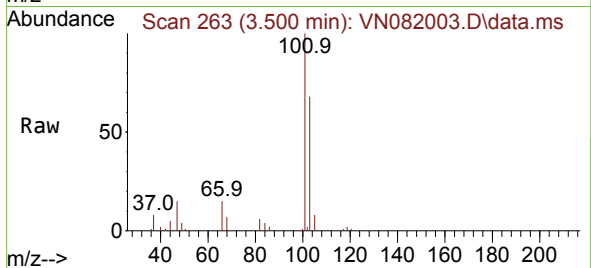
Tgt Ion: 64 Resp: 22236
Ion Ratio Lower Upper
64 100
66 30.1 26.7 40.1



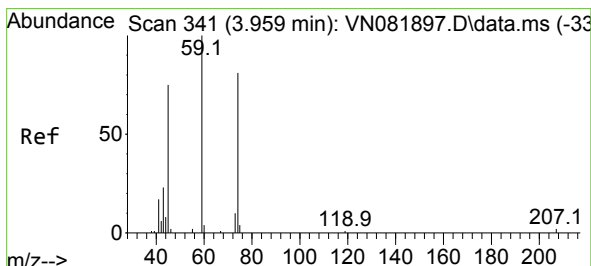
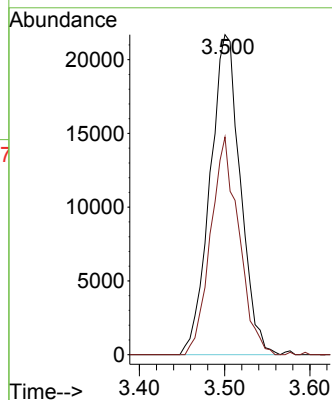
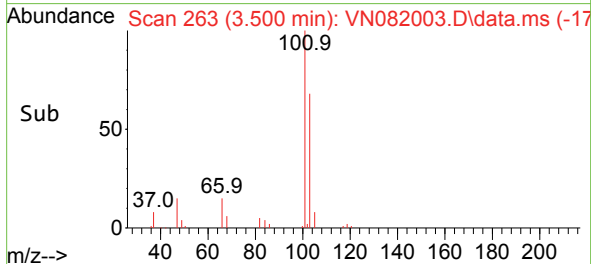


#7
Trichlorofluoromethane
Concen: 18.228 ug/l
RT: 3.500 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :

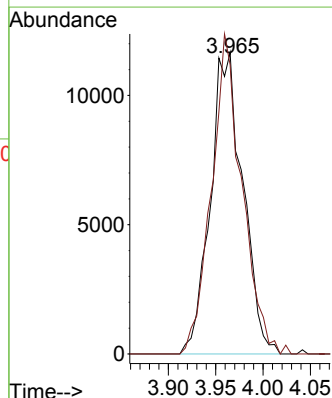
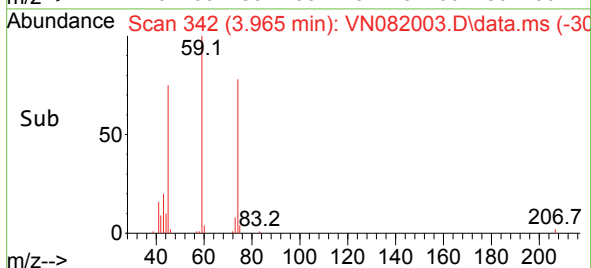
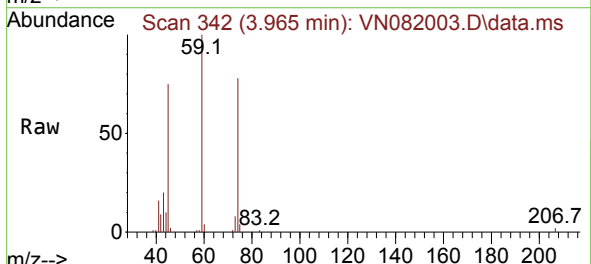


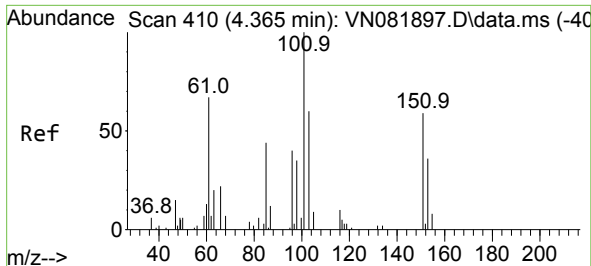
Tgt Ion:101 Resp: 53625
Ion Ratio Lower Upper
101 100
103 68.0 53.0 79.4



#8
Diethyl Ether
Concen: 19.530 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 74 Resp: 27814
Ion Ratio Lower Upper
74 100
45 99.3 16.4 147.4

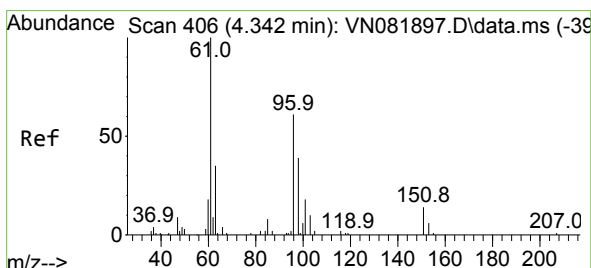
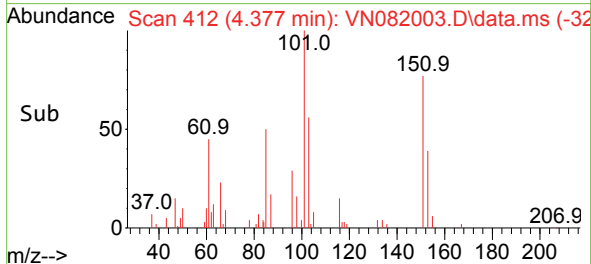
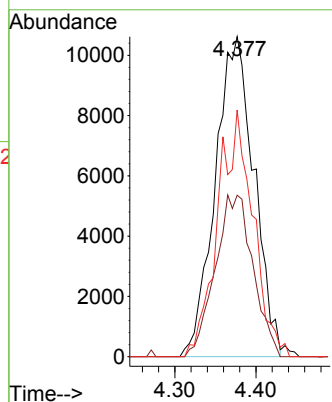
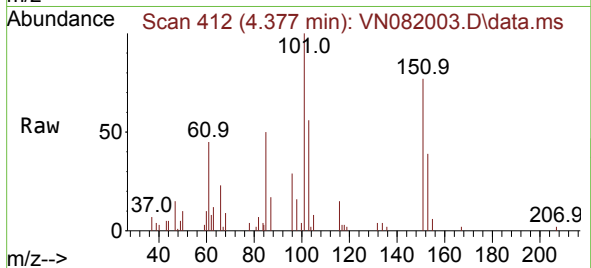




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.480 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

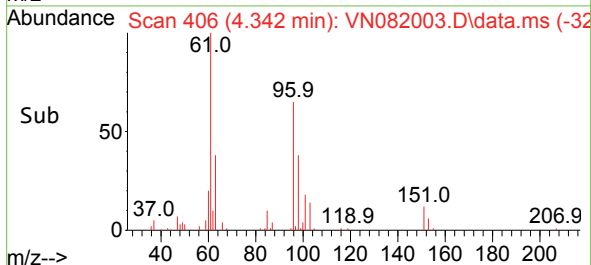
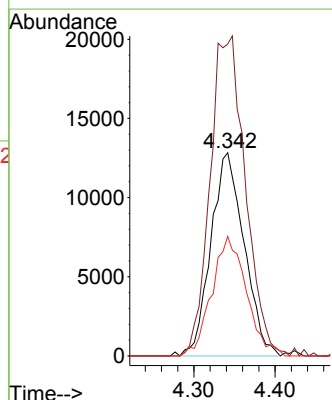
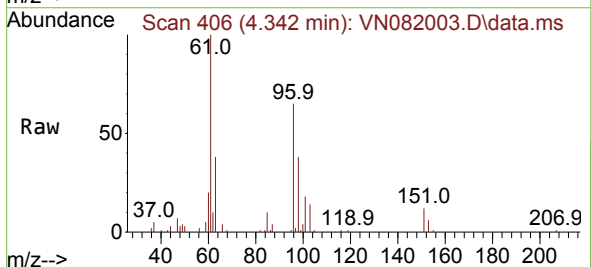
Instrument :
MSVOA_N
ClientSampleId :

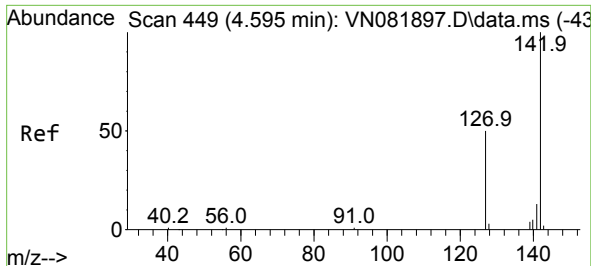
Tgt Ion:101 Resp: 35254
Ion Ratio Lower Upper
101 100
85 0.0 0.0 90.6
151 42.8 0.0 157.6



#10
1,1-Dichloroethene
Concen: 18.515 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 96 Resp: 36532
Ion Ratio Lower Upper
96 100
61 153.5 117.6 176.4
98 58.8 48.4 72.6

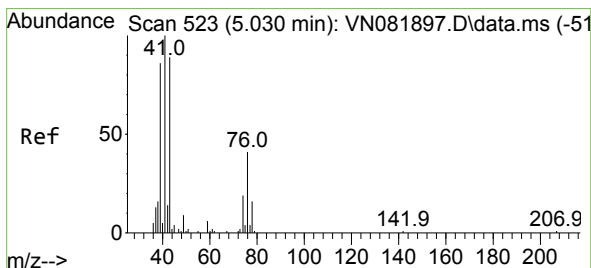
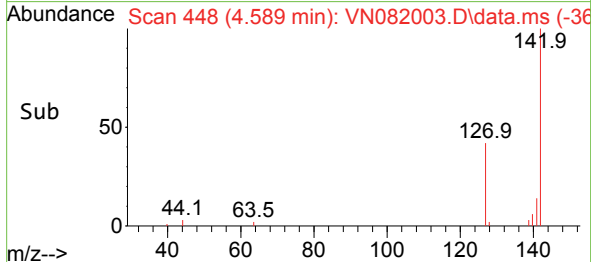
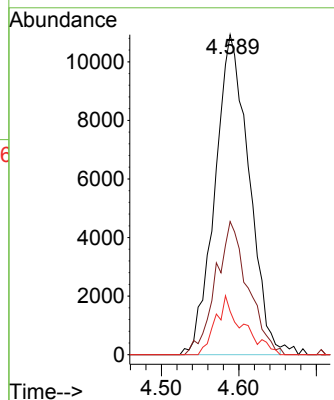
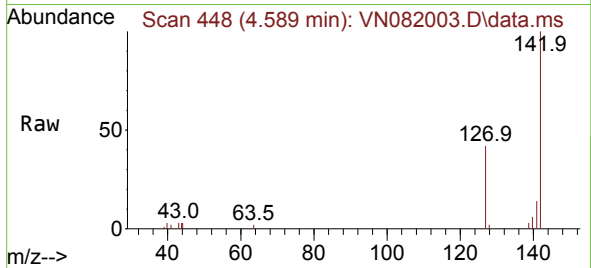




#11
Methyl Iodide
Concen: 18.445 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

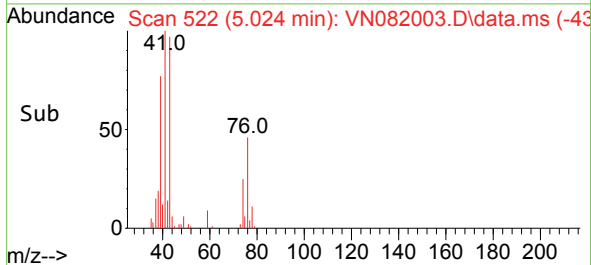
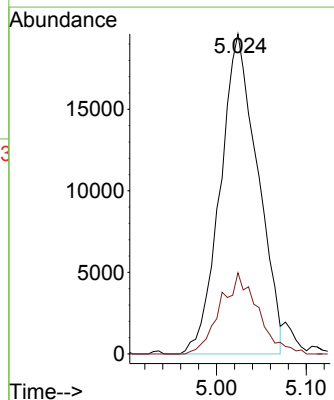
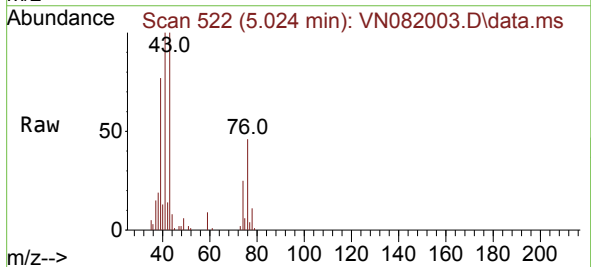
Instrument :
MSVOA_N
ClientSampleId :

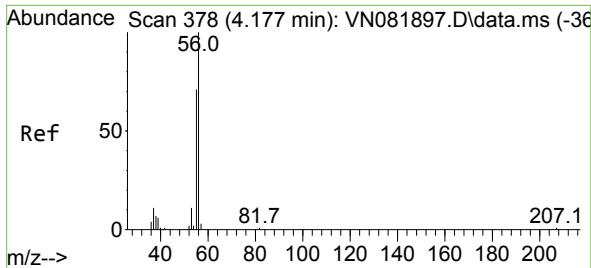
Tgt Ion:142 Resp: 33260
Ion Ratio Lower Upper
142 100
127 41.1 26.3 78.9
141 13.7 8.3 24.9



#12
Methyl Acetate
Concen: 23.009 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

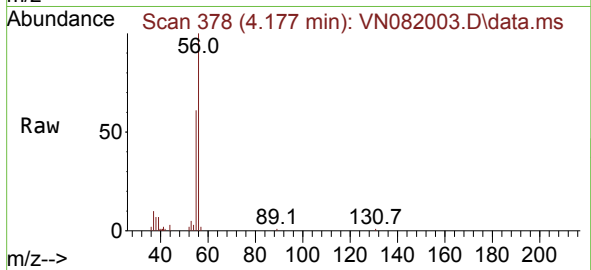
Tgt Ion: 43 Resp: 56846
Ion Ratio Lower Upper
43 100
74 24.6 27.7 41.5#



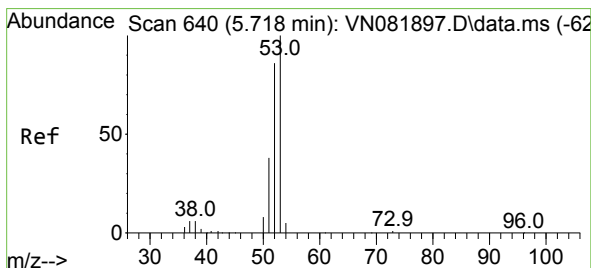
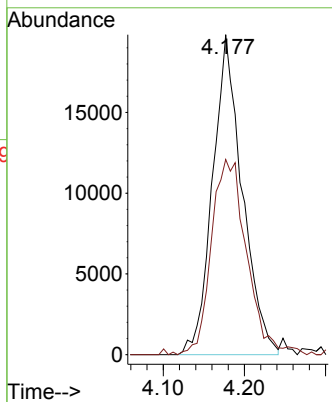
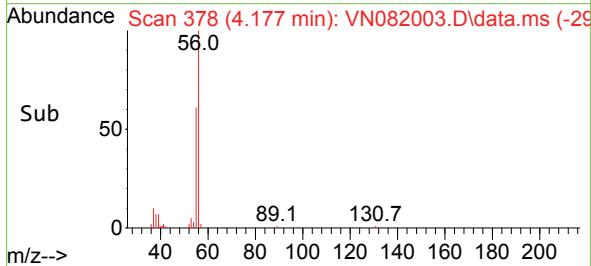


#13
Acrolein
Concen: 95.797 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :

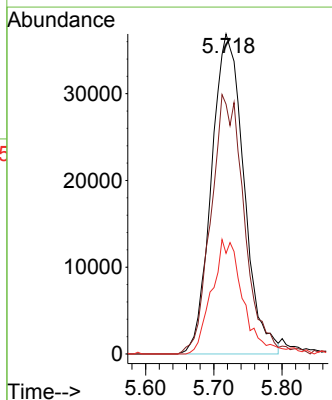
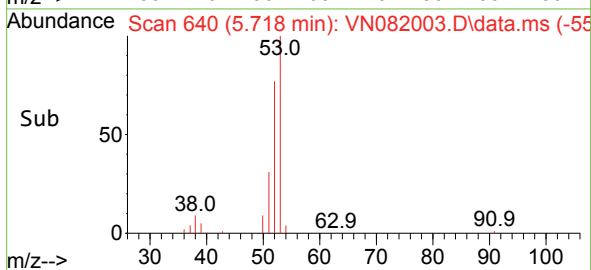
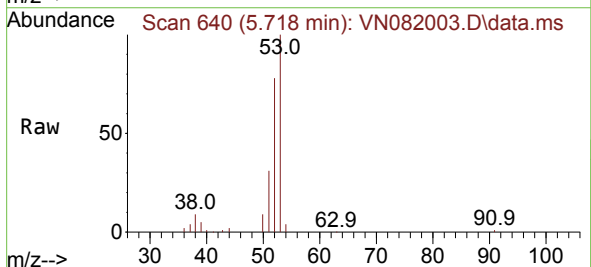


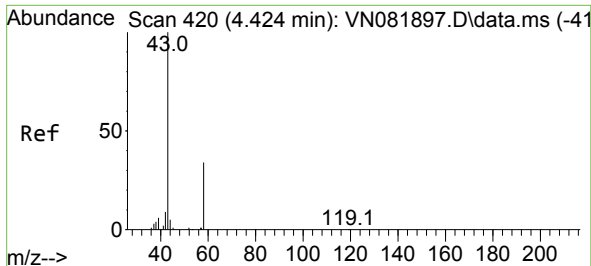
Tgt Ion: 56 Resp: 50302
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3



#14
Acrylonitrile
Concen: 108.123 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 53 Resp: 121918
Ion Ratio Lower Upper
53 100
52 49.2 41.3 123.9
51 17.1 16.8 50.3





#15

Acetone

Concen: 110.692 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

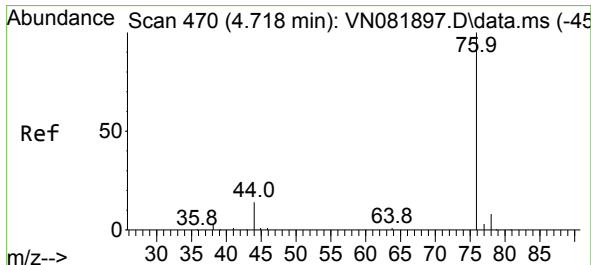
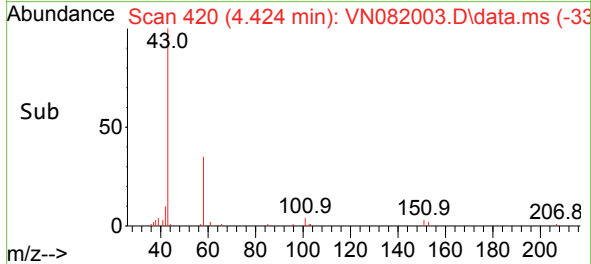
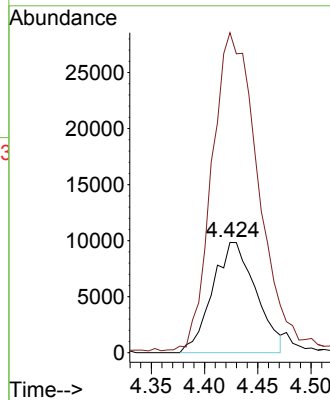
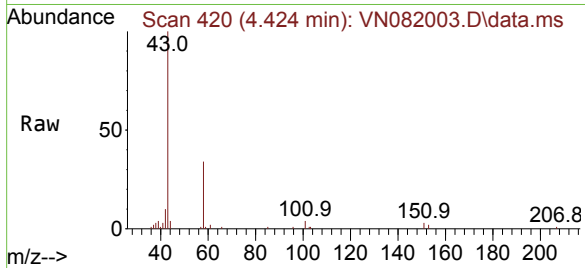
ClientSampleId :

Tgt Ion: 58 Resp: 27969

Ion Ratio Lower Upper

58 100

43 284.3 223.1 334.7



#16

Carbon Disulfide

Concen: 17.509 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN082003.D

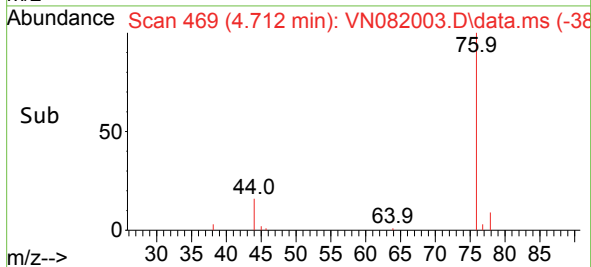
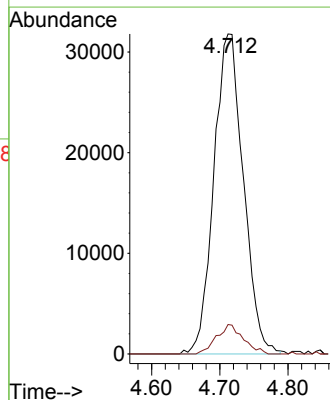
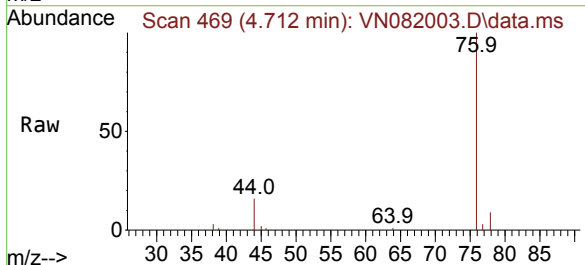
Acq: 06 May 2024 12:23

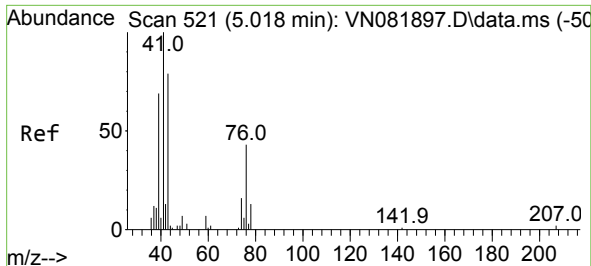
Tgt Ion: 76 Resp: 95713

Ion Ratio Lower Upper

76 100

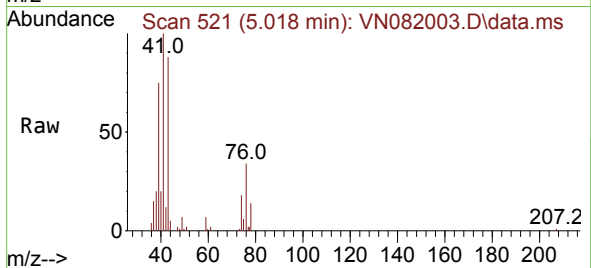
78 9.2 6.3 9.5



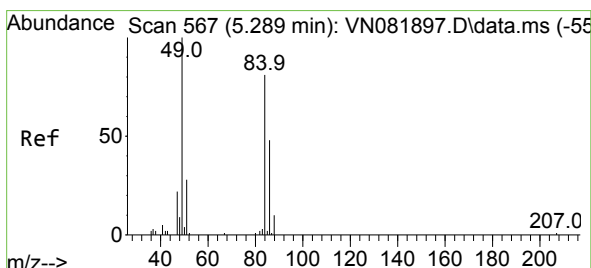
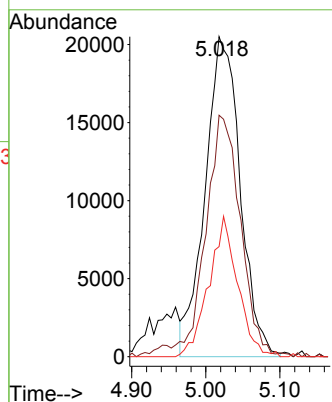
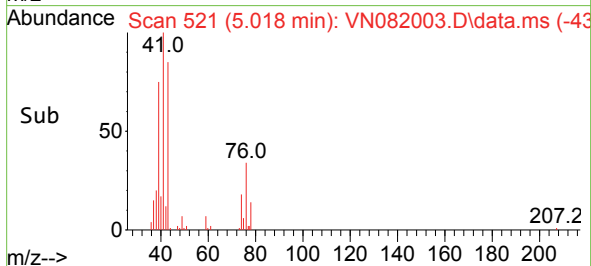


#17
 Allyl chloride
 Concen: 19.455 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

Instrument :
 MSVOA_N
 ClientSampleId :

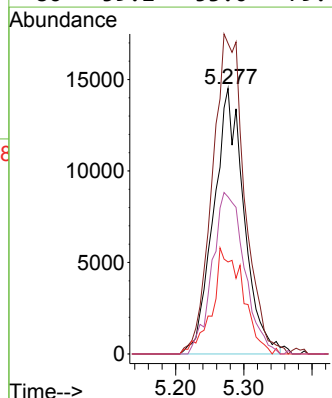
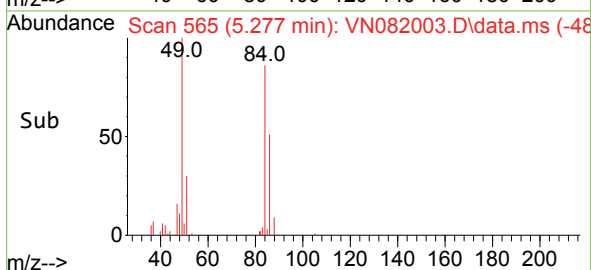
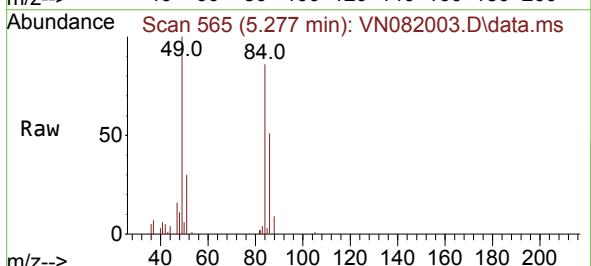


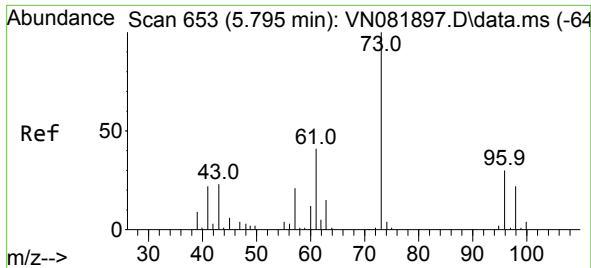
Tgt Ion:	41	Resp:	67397
Ion	Ratio	Lower	Upper
41	100		
39	74.9	37.6	112.9
76	34.7	27.8	83.4



#18
 Methylene Chloride
 Concen: 20.016 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

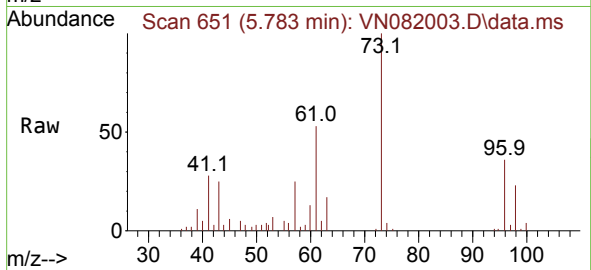
Tgt Ion:	84	Resp:	44937
Ion	Ratio	Lower	Upper
84	100		
49	116.9	86.0	129.0
51	34.6	30.0	45.0
86	59.2	53.0	79.4



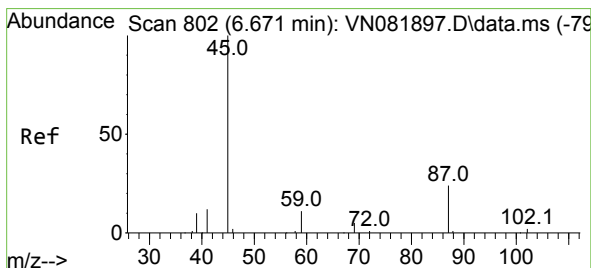
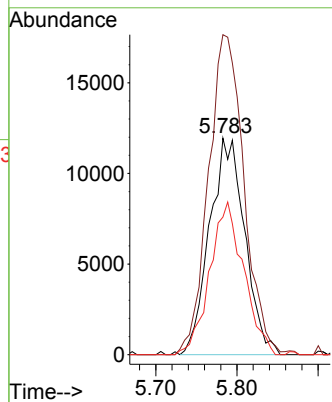
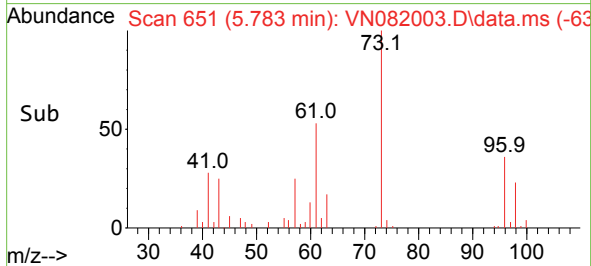


#19
trans-1,2-Dichloroethene
Concen: 17.559 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

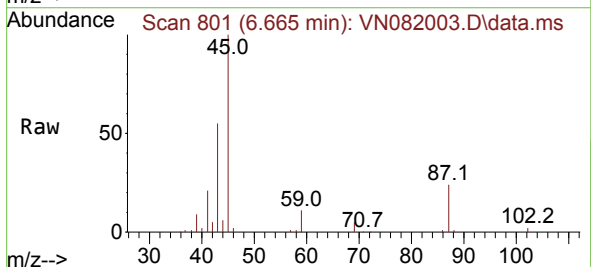
Instrument :
MSVOA_N
ClientSampleId :



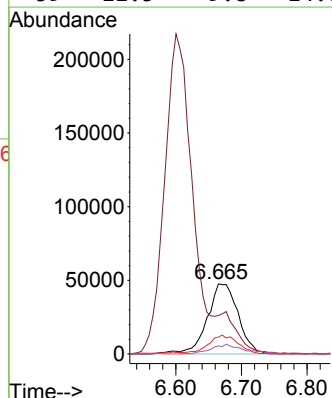
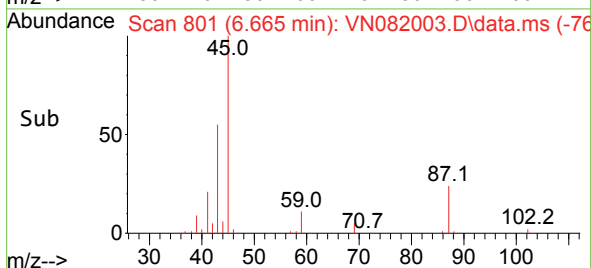
Tgt Ion: 96 Resp: 36064
Ion Ratio Lower Upper
96 100
61 146.5 111.8 167.6
98 63.6 49.2 73.8

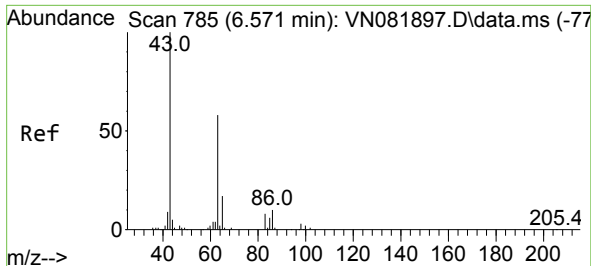


#20
Diisopropyl ether
Concen: 19.966 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23



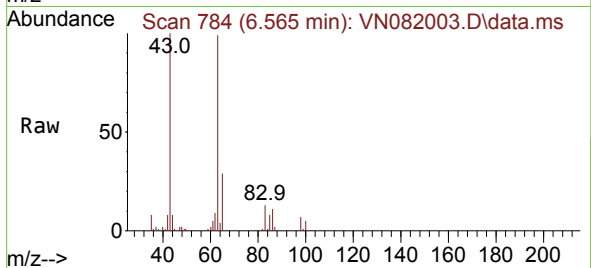
Tgt Ion: 45 Resp: 153027
Ion Ratio Lower Upper
45 100
43 53.9 40.4 60.6
87 24.1 23.8 35.8
59 11.5 9.8 14.6



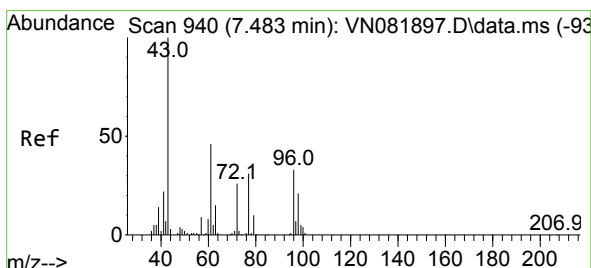
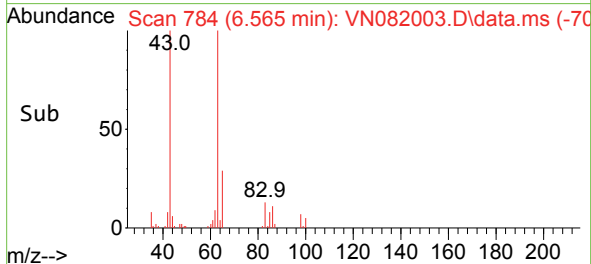
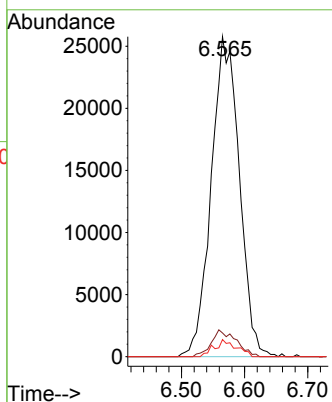


#21
1,1-Dichloroethane
Concen: 19.623 ug/l
RT: 6.565 min Scan# 796
Delta R.T. -0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :

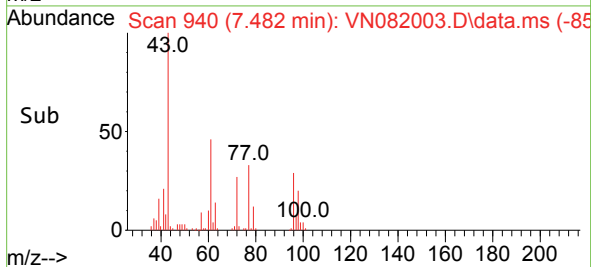
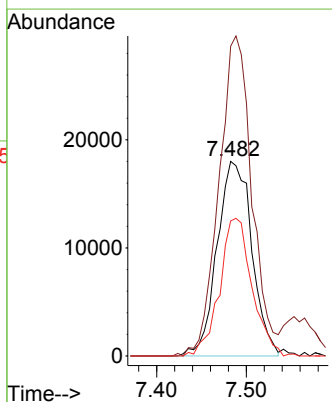
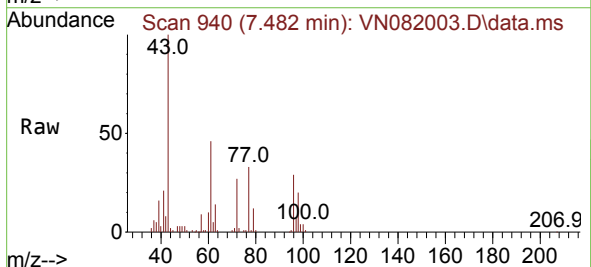


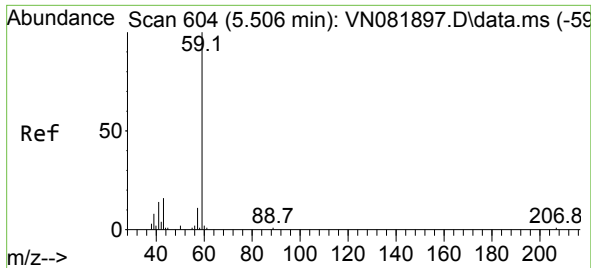
Tgt Ion: 63 Resp: 79636
Ion Ratio Lower Upper
63 100
98 7.4 4.1 12.3
100 5.3 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 19.327 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 96 Resp: 48372
Ion Ratio Lower Upper
96 100
61 155.9 113.5 170.3
98 65.9 52.0 78.0

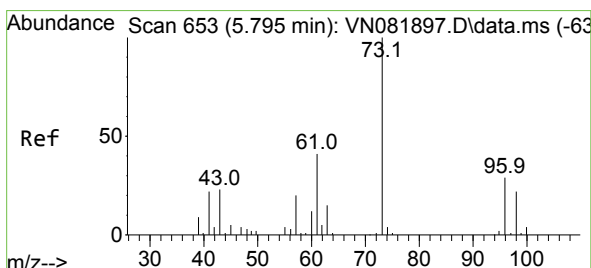
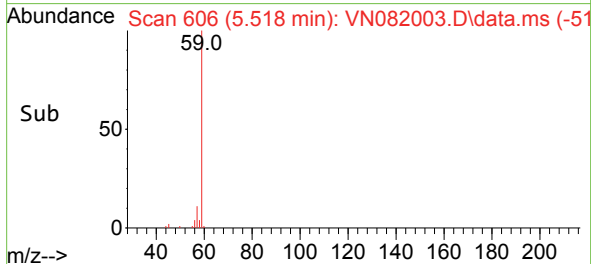
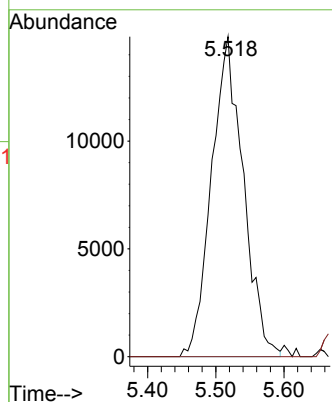
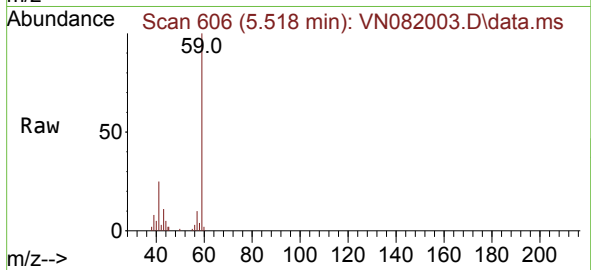




#23
tert-Butyl Alcohol
Concen: 103.776 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

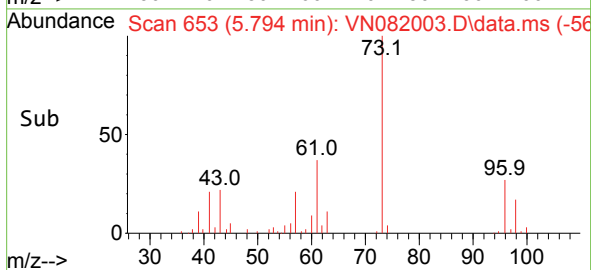
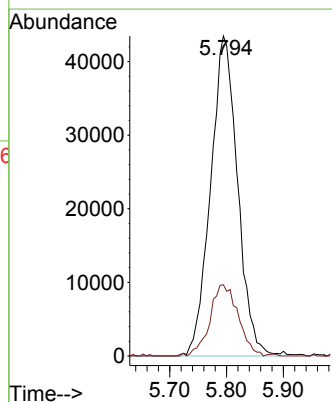
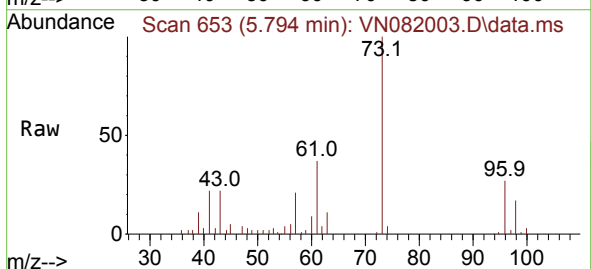
Instrument :
MSVOA_N
ClientSampleId :

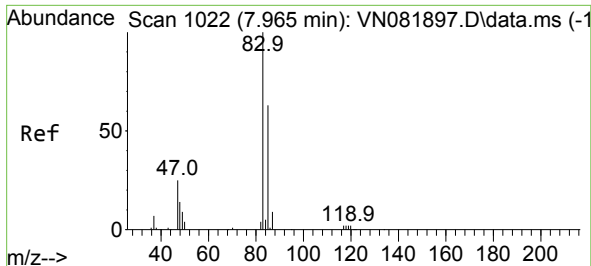
Tgt Ion: 59 Resp: 48200
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.164 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 73 Resp: 143436
Ion Ratio Lower Upper
73 100
43 23.1 13.4 20.2#

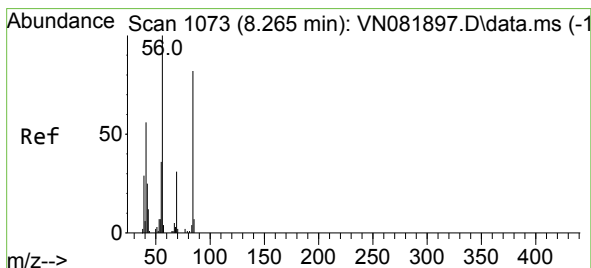
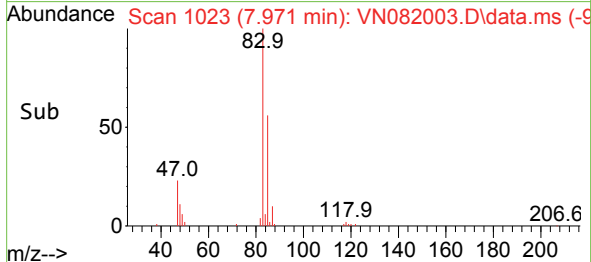
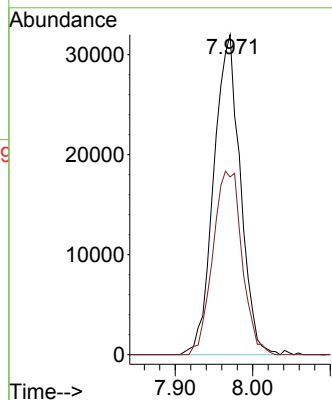
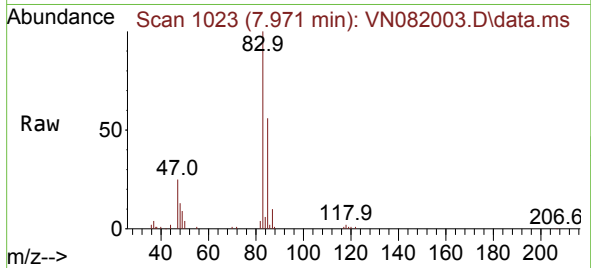




#25
Chloroform
Concen: 19.489 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

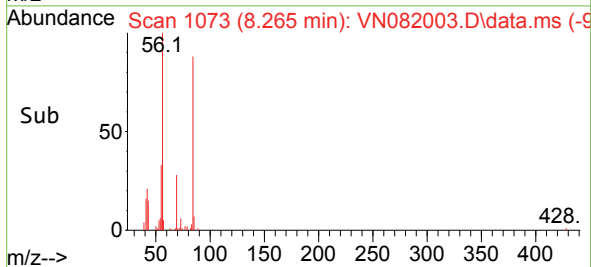
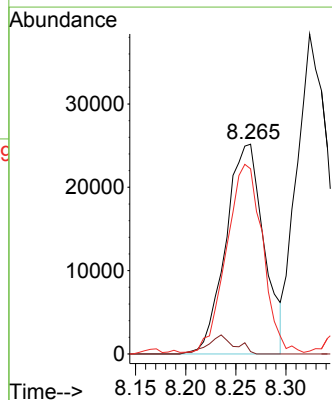
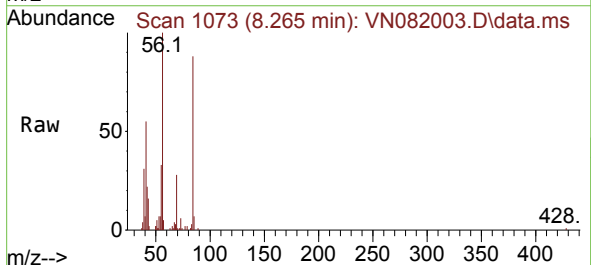
Instrument :
MSVOA_N
ClientSampleId :

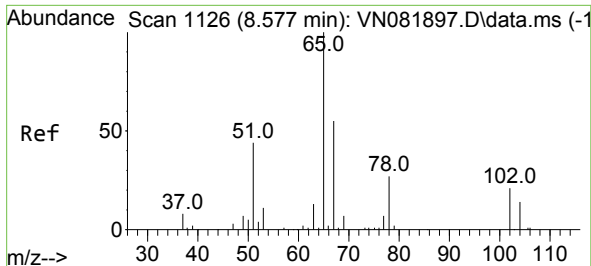
Tgt Ion: 83 Resp: 76092
Ion Ratio Lower Upper
83 100
85 55.5 50.9 76.3



#26
Cyclohexane
Concen: 18.965 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 56 Resp: 66556
Ion Ratio Lower Upper
56 100
89 0.9 19.3 28.9#
84 85.8 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 30.793 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

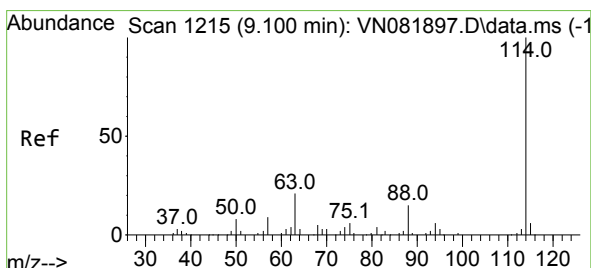
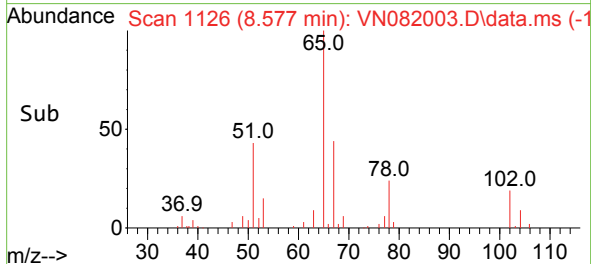
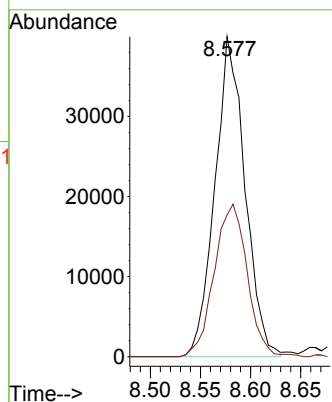
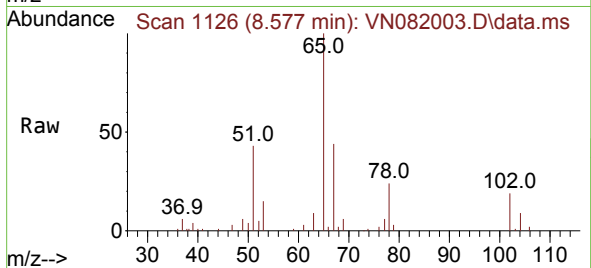
ClientSampleId :

Tgt Ion: 65 Resp: 83350

Ion Ratio Lower Upper

65 100

67 52.0 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: VN082003.D

Acq: 06 May 2024 12:23

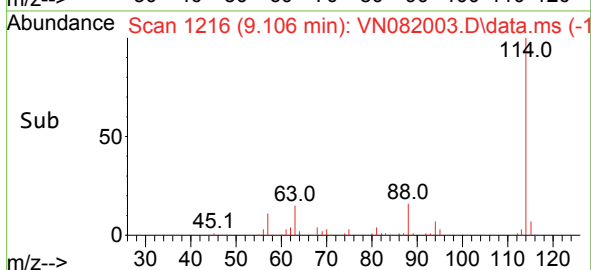
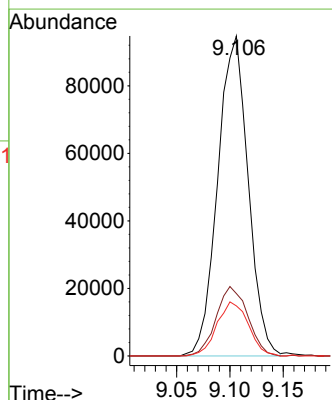
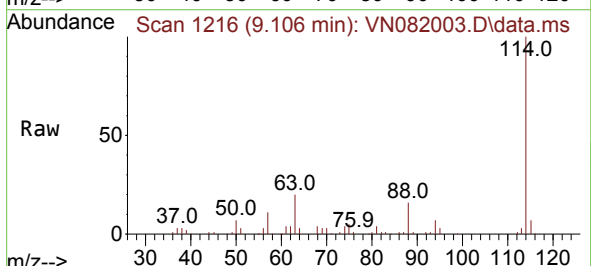
Tgt Ion: 114 Resp: 187999

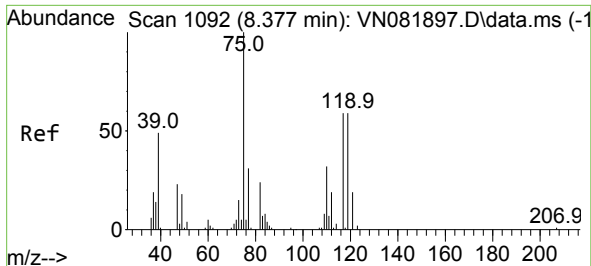
Ion Ratio Lower Upper

114 100

63 22.5 15.9 23.9

88 17.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 18.745 ug/l

RT: 8.371 min Scan# 1092

Delta R.T. -0.006 min

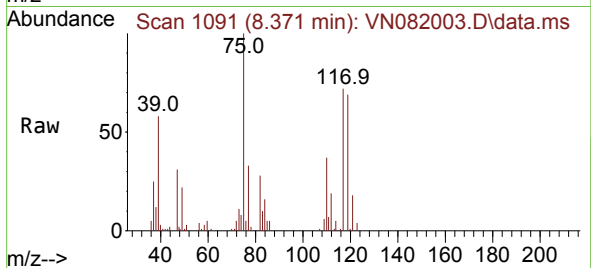
Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :



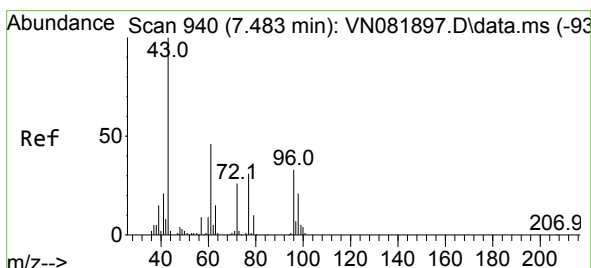
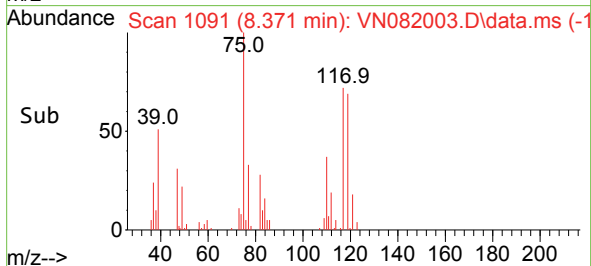
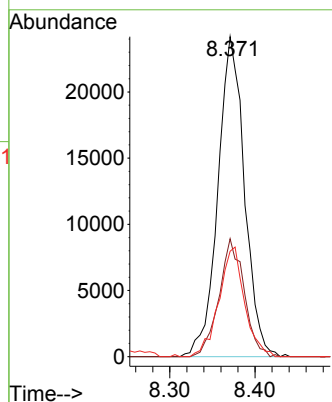
Tgt Ion: 75 Resp: 52465

Ion Ratio Lower Upper

75 100

110 34.7 0.0 70.2

77 33.0 0.0 61.4



#30

2-Butanone

Concen: 112.362 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

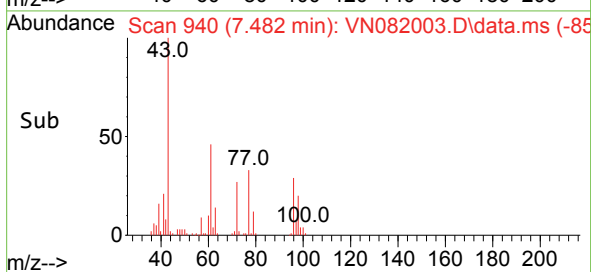
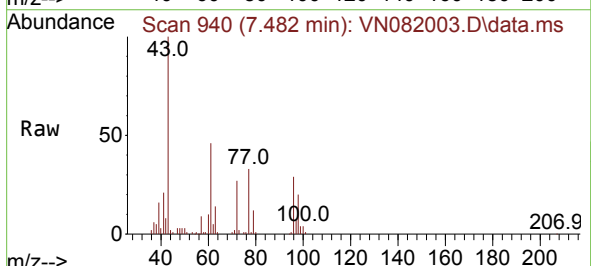
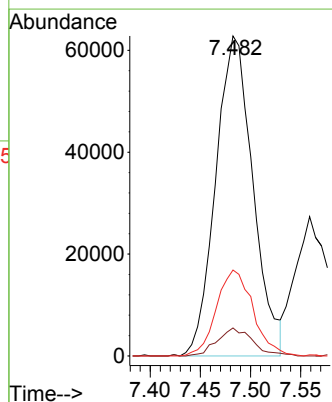
Tgt Ion: 43 Resp: 162108

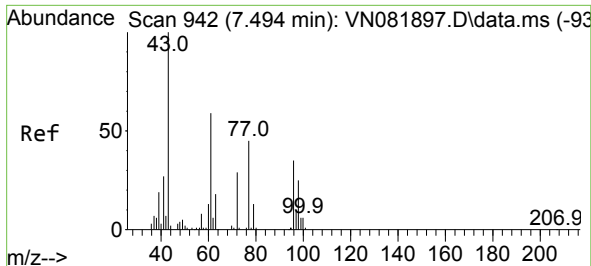
Ion Ratio Lower Upper

43 100

57 8.3 6.7 10.1

72 26.3 24.0 36.0





#31

2,2-Dichloropropane

Concen: 21.934 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.000 min

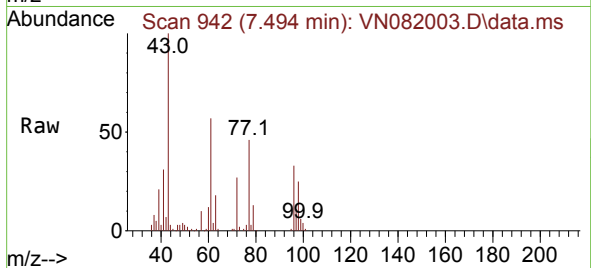
Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

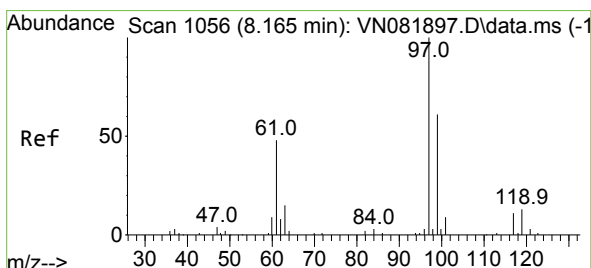
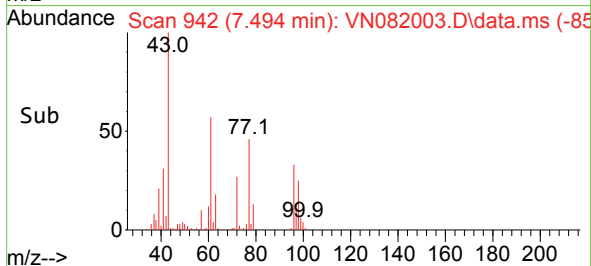
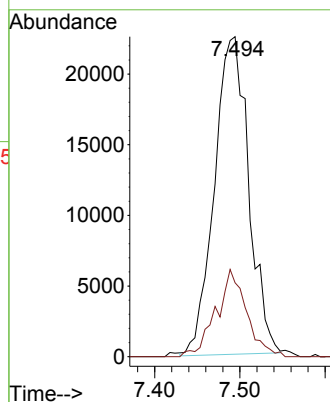


Tgt Ion: 77 Resp: 62913

Ion Ratio Lower Upper

77 100

97 23.7 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 19.049 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

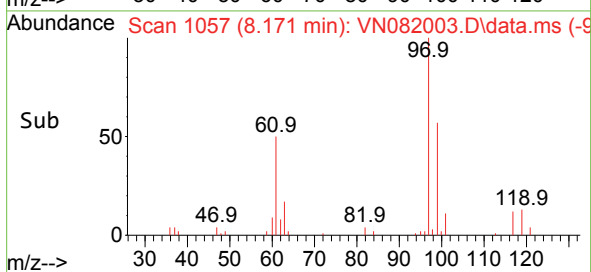
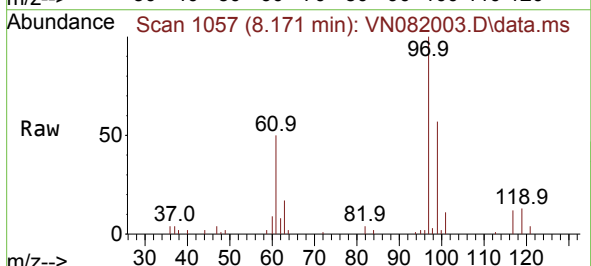
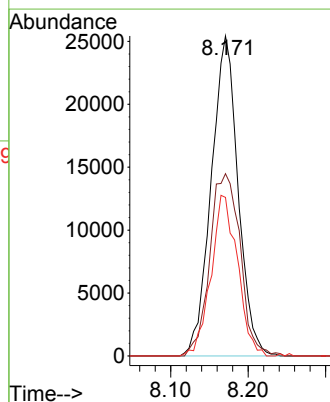
Tgt Ion: 97 Resp: 61319

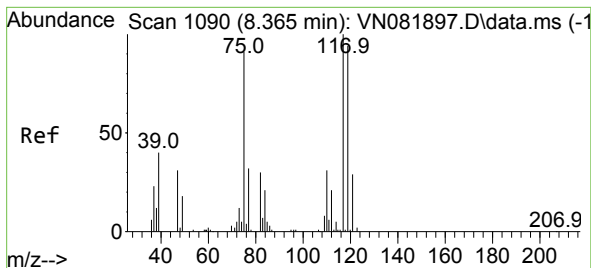
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 49.5 33.8 50.8





#33

Carbon Tetrachloride

Concen: 18.112 ug/l

RT: 8.359 min Scan# 1108

Delta R.T. -0.006 min

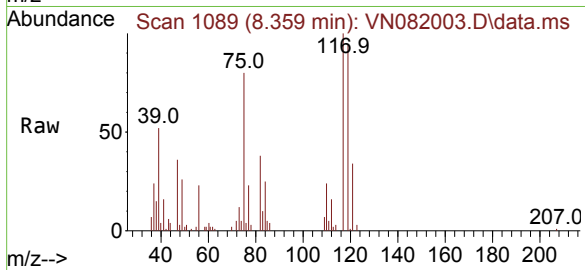
Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :



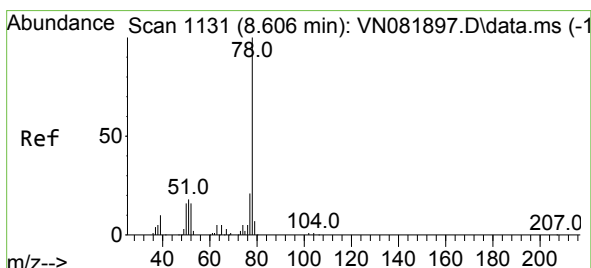
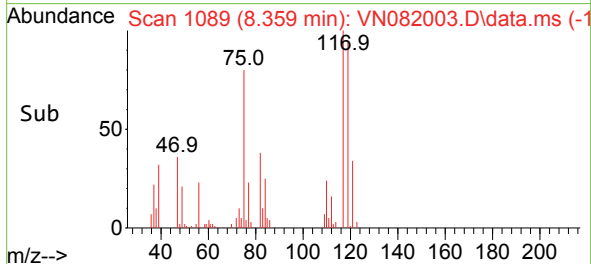
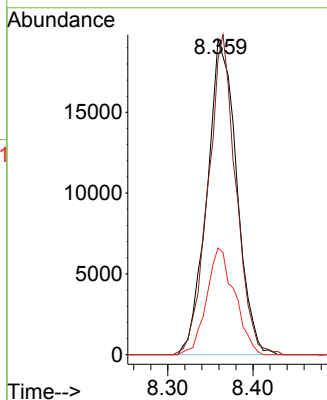
Tgt Ion:117 Resp: 47314

Ion Ratio Lower Upper

117 100

119 92.9 77.7 116.5

121 33.9 27.0 40.6



#34

Benzene

Concen: 19.920 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

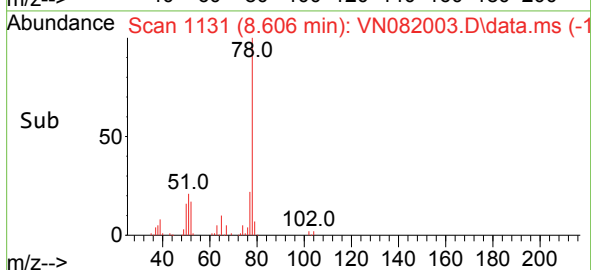
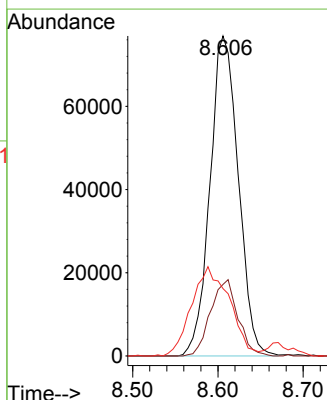
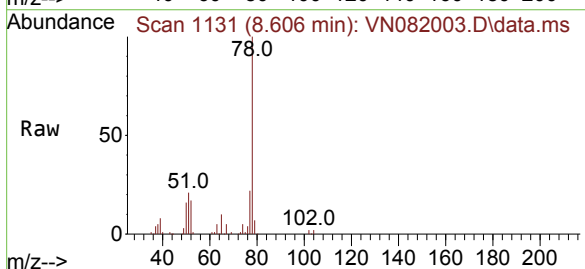
Tgt Ion: 78 Resp: 177863

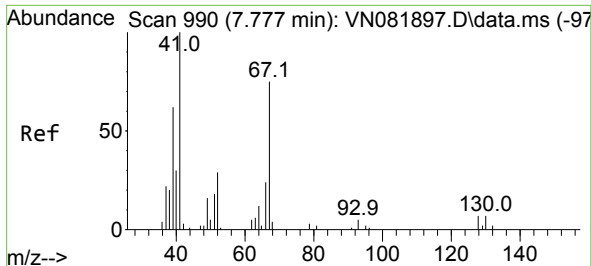
Ion Ratio Lower Upper

78 100

77 22.4 19.2 28.8

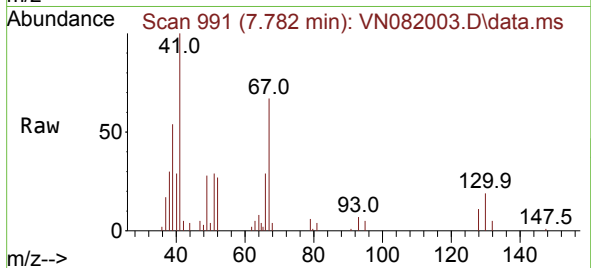
51 16.8 13.3 19.9



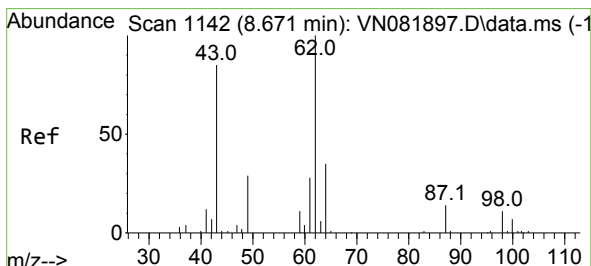
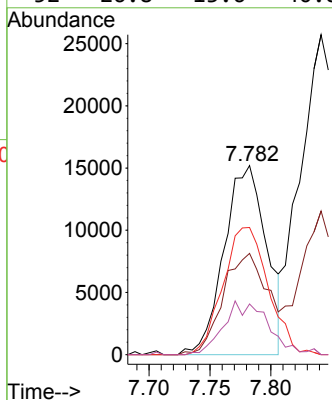
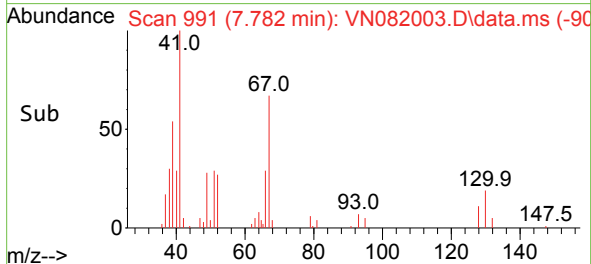


#35
Methacrylonitrile
Concen: 20.226 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :

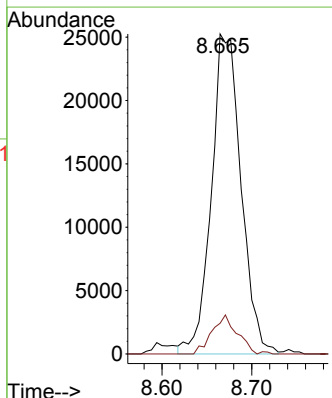
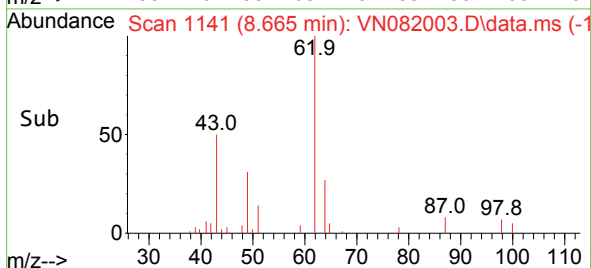
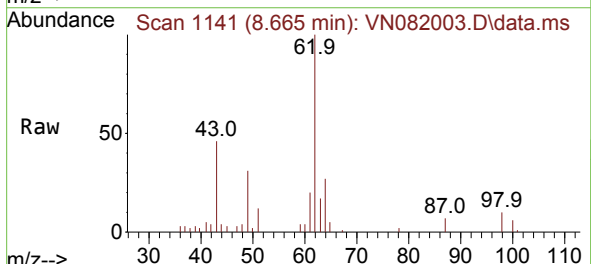


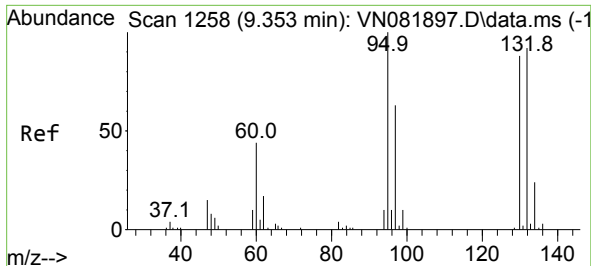
Tgt Ion:	41	Resp:	36918
Ion	Ratio	Lower	Upper
41	100		
39	53.5	25.3	75.9
67	67.3	38.7	116.1
52	26.8	13.6	40.8



#36
1,2-Dichloroethane
Concen: 19.327 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion:	62	Resp:	57932
Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.2	12.4

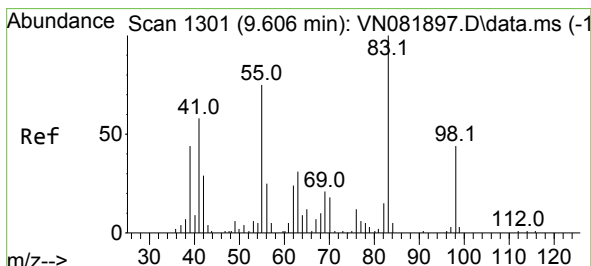
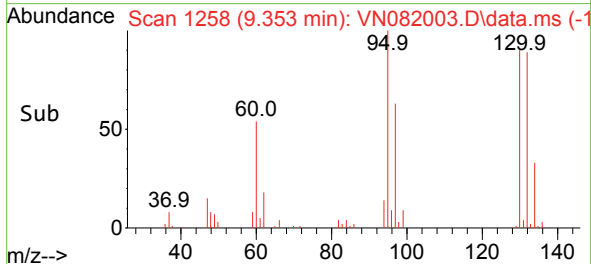
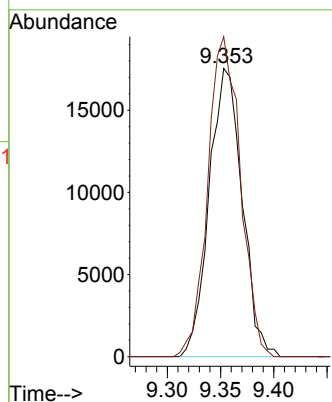
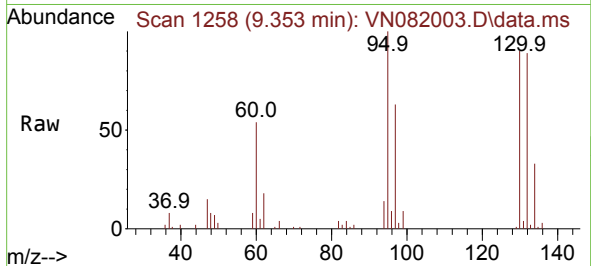




#37
Trichloroethene
Concen: 17.246 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

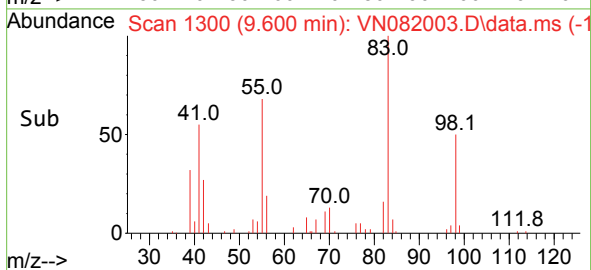
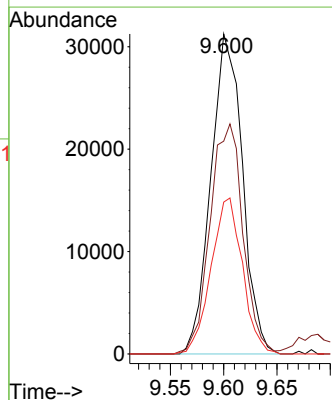
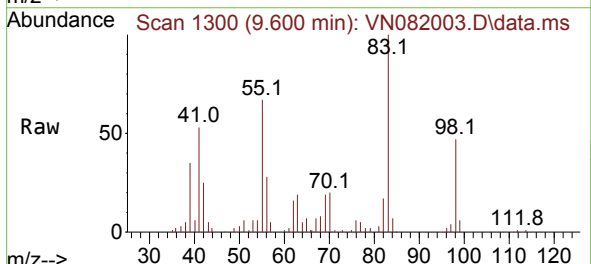
Instrument :
MSVOA_N
ClientSampleId :

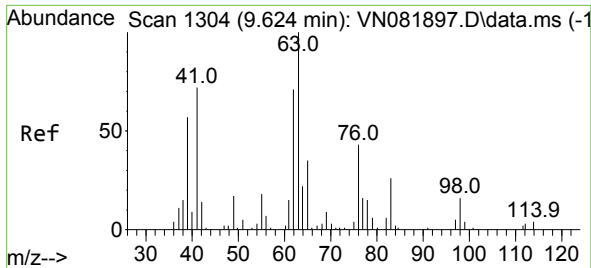
Tgt Ion:130 Resp: 37716
Ion Ratio Lower Upper
130 100
95 111.0 80.2 120.4



#38
Methylcyclohexane
Concen: 19.049 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 83 Resp: 64405
Ion Ratio Lower Upper
83 100
55 75.0 36.6 109.9
98 48.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.196 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

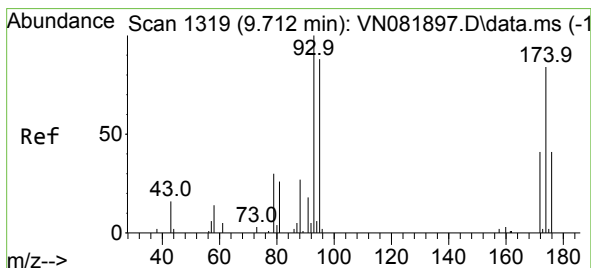
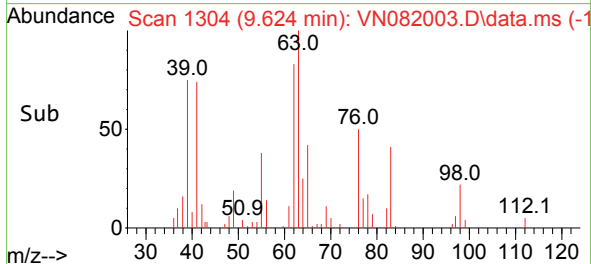
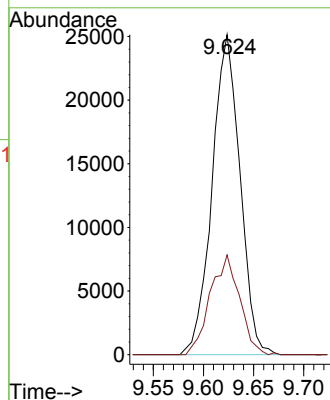
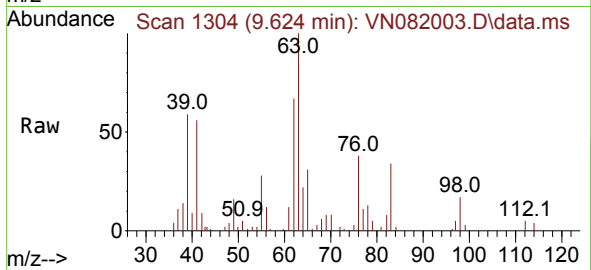
ClientSampleId :

Tgt Ion: 63 Resp: 48562

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.4



#40

Dibromomethane

Concen: 20.971 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

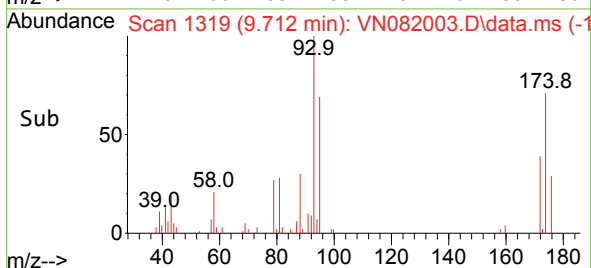
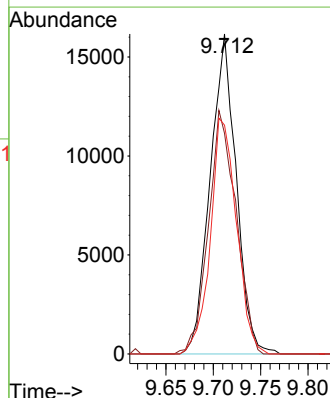
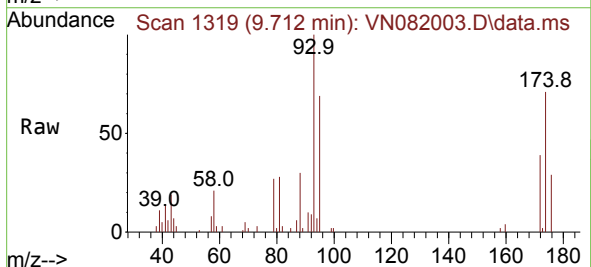
Tgt Ion: 93 Resp: 30866

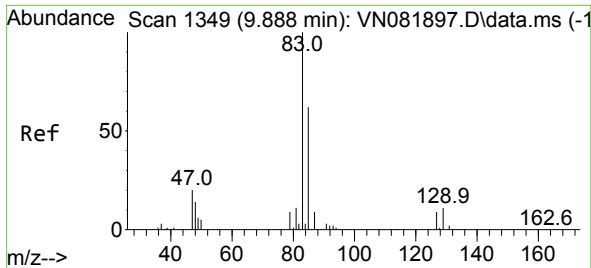
Ion Ratio Lower Upper

93 100

95 80.8 0.0 164.6

174 74.0 0.0 193.2

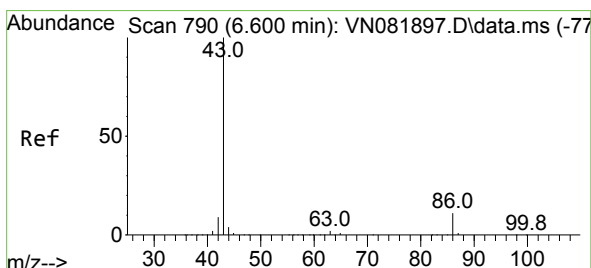
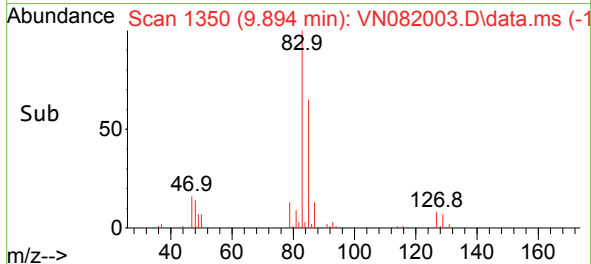
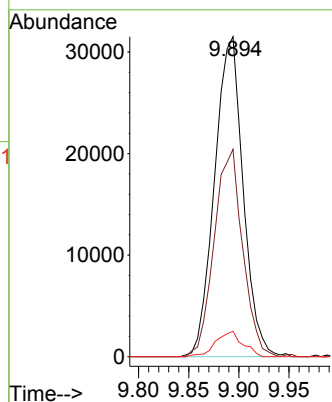
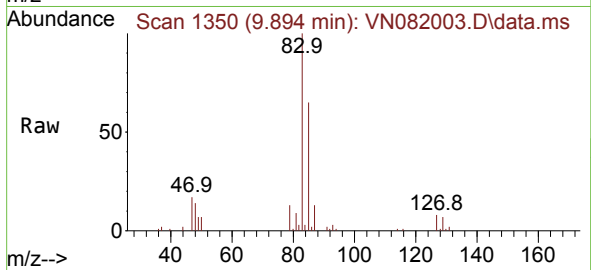




#41
Bromodichloromethane
Concen: 19.858 ug/l
RT: 9.894 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

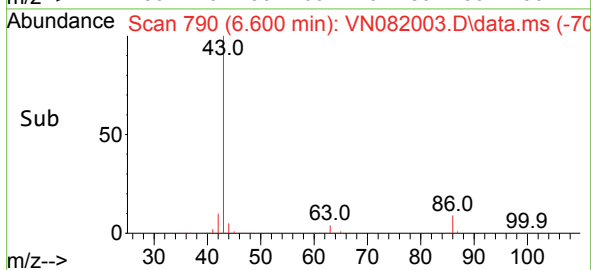
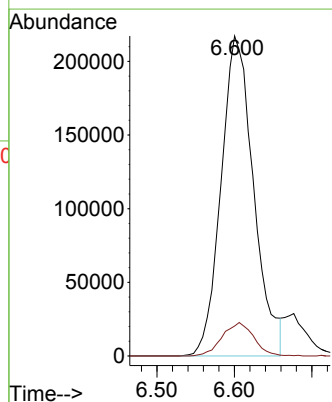
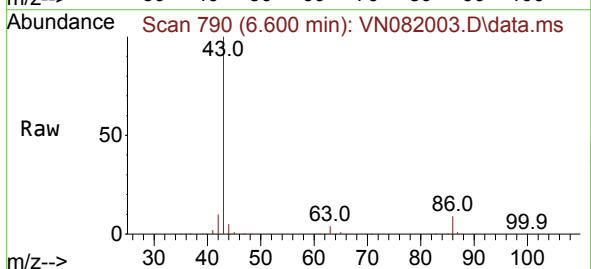
Instrument :
MSVOA_N
ClientSampleId :

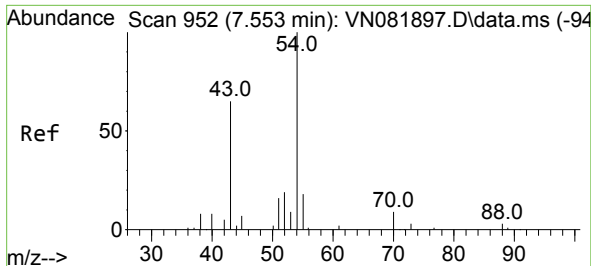
Tgt Ion: 83 Resp: 62471
Ion Ratio Lower Upper
83 100
85 64.8 49.4 74.2
127 8.0 7.3 10.9



#42
Vinyl Acetate
Concen: 103.413 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 43 Resp: 635031
Ion Ratio Lower Upper
43 100
86 10.1 9.4 14.2

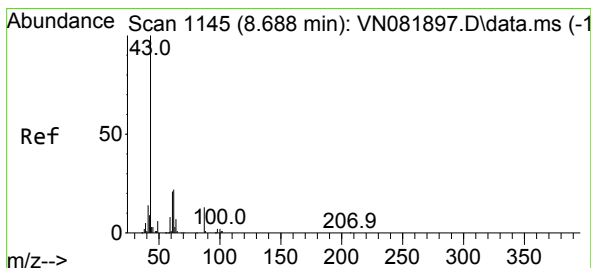
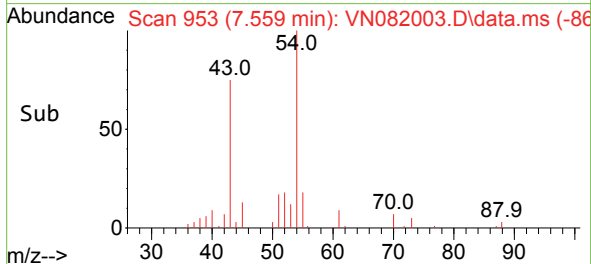
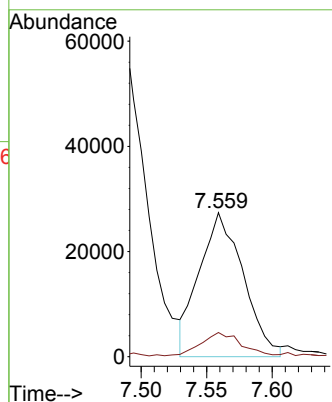
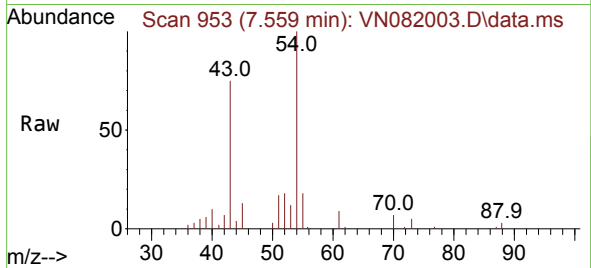




#43
Ethyl Acetate
Concen: 20.284 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

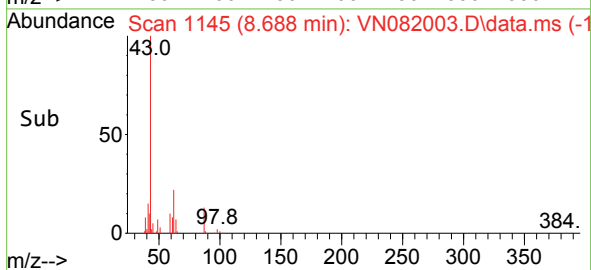
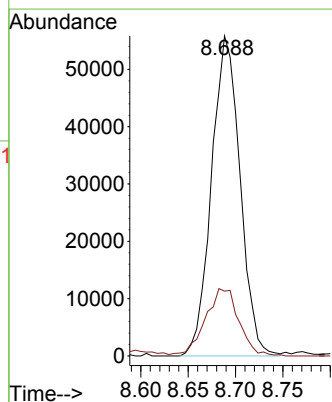
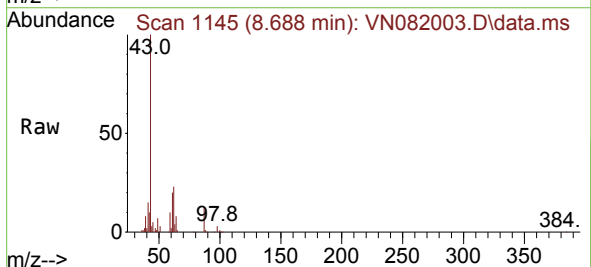
Instrument :
MSVOA_N
ClientSampleId :

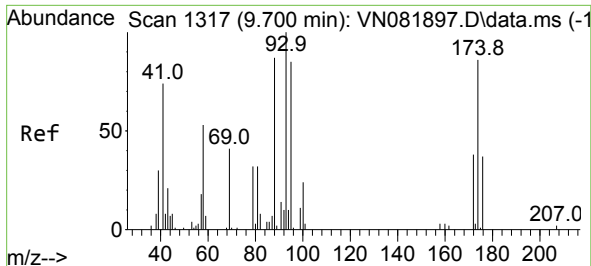
Tgt Ion: 43 Resp: 63806
Ion Ratio Lower Upper
43 100
45 14.7 10.6 15.8



#44
Isopropyl Acetate
Concen: 20.976 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

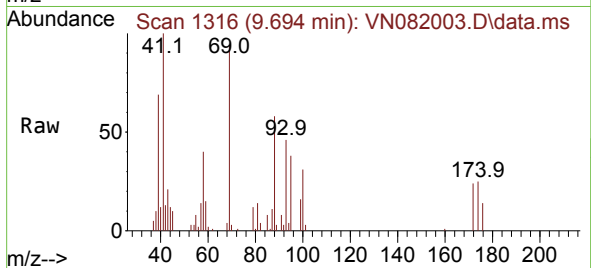
Tgt Ion: 43 Resp: 117141
Ion Ratio Lower Upper
43 100
61 24.4 25.0 37.4#



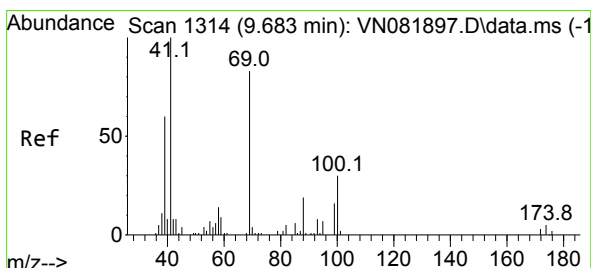
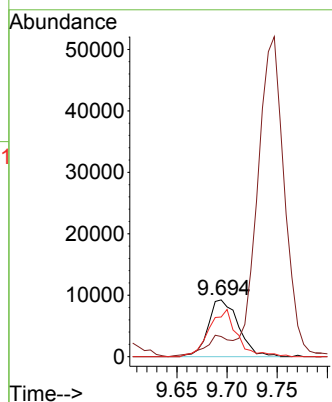
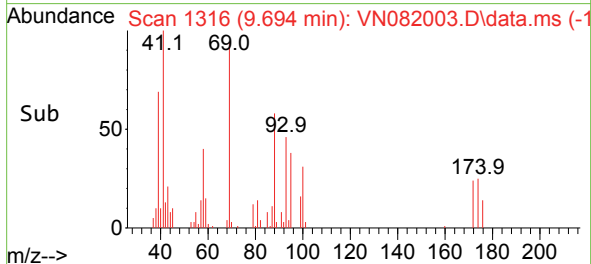


#45
1,4-Dioxane
Concen: 432.458 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :

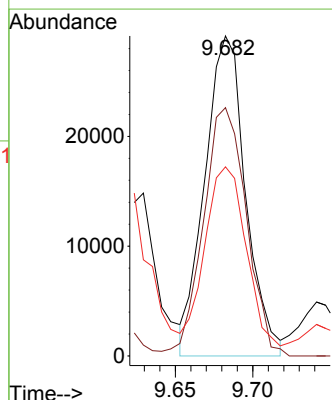
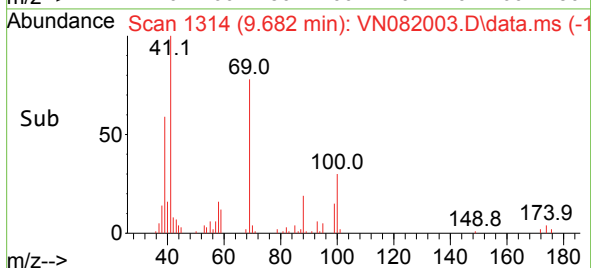
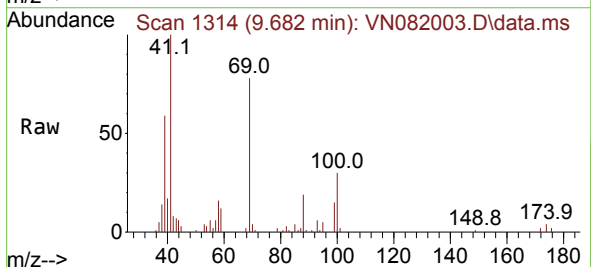


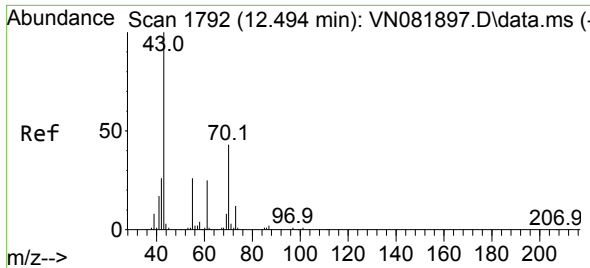
Tgt Ion: 88 Resp: 19368
Ion Ratio Lower Upper
88 100
43 32.6 19.8 29.6#
58 73.7 55.4 83.0



#46
Methyl methacrylate
Concen: 20.926 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

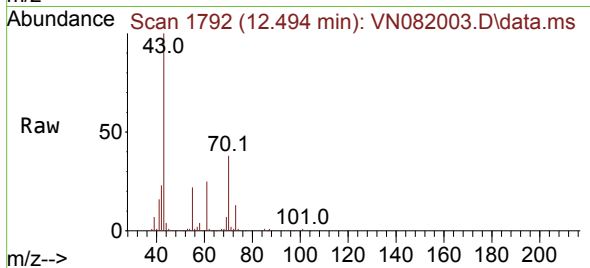
Tgt Ion: 41 Resp: 53389
Ion Ratio Lower Upper
41 100
69 79.2 51.1 153.3
39 58.8 25.8 77.3



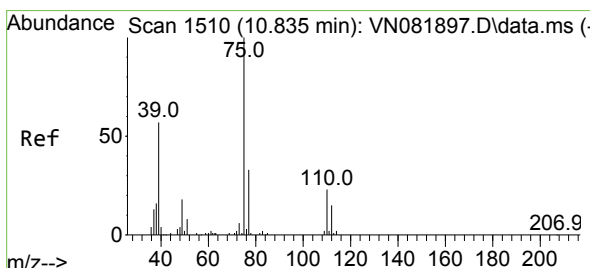
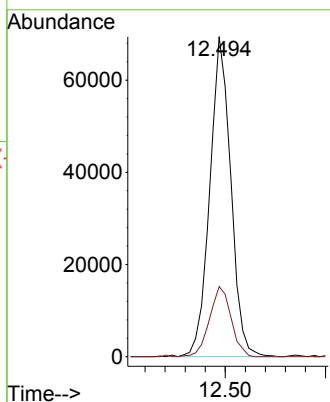
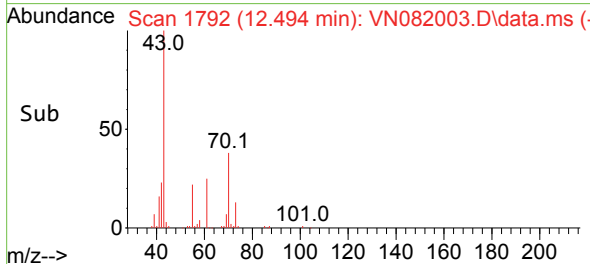


#47
n-amy1 Acetate
Concen: 19.996 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :

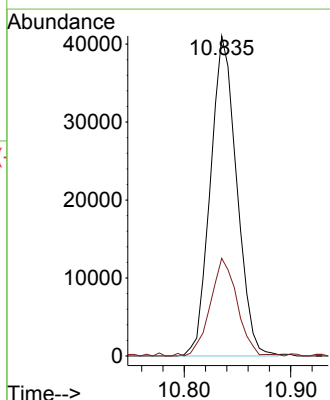
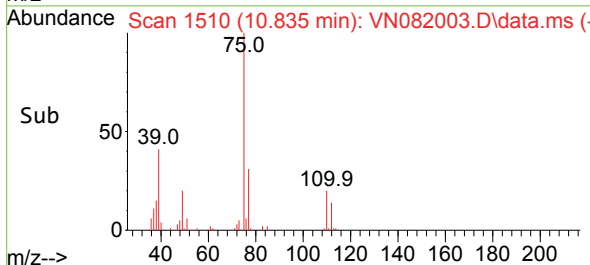
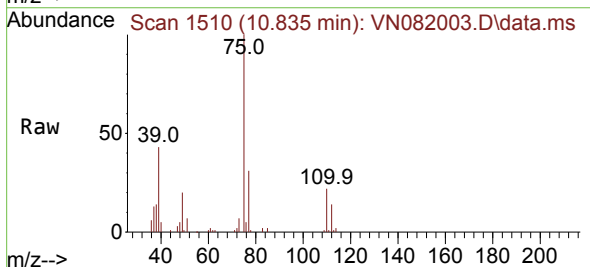


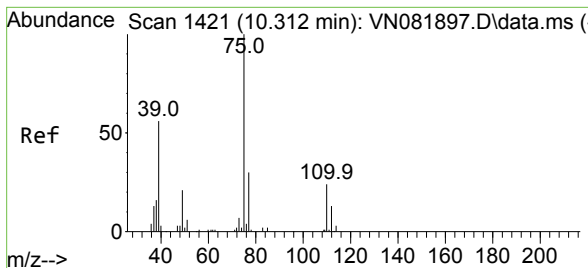
Tgt Ion: 43 Resp: 100717
Ion Ratio Lower Upper
43 100
55 22.5 23.4 35.2#



#48
t-1,3-Dichloropropene
Concen: 20.633 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 75 Resp: 70387
Ion Ratio Lower Upper
75 100
77 30.1 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 20.187 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

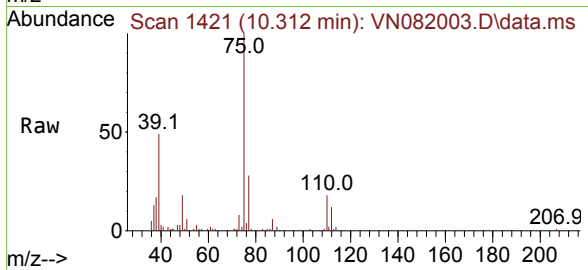
Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :



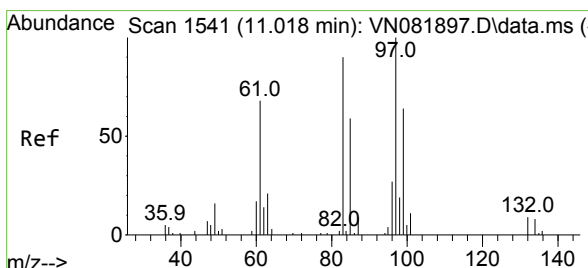
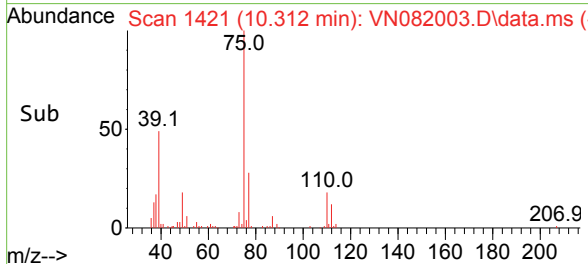
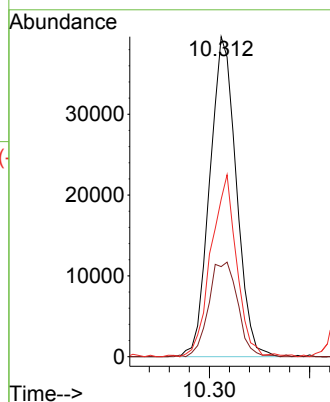
Tgt Ion: 75 Resp: 72811

Ion Ratio Lower Upper

75 100

77 28.1 24.9 37.3

39 49.2 31.0 46.6#



#50

1,1,2-Trichloroethane

Concen: 21.114 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

Tgt Ion: 97 Resp: 42161

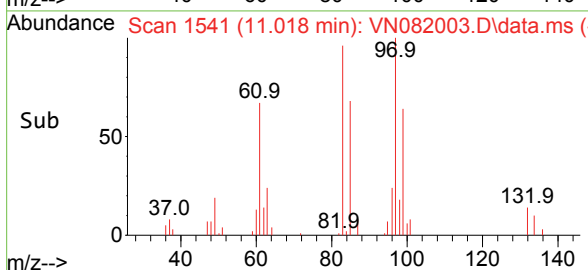
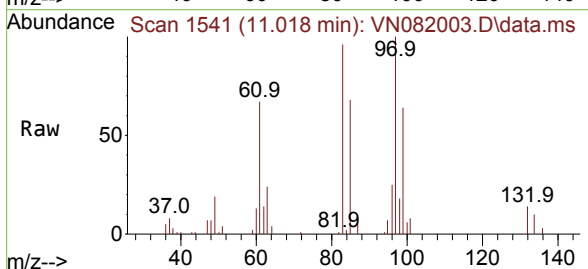
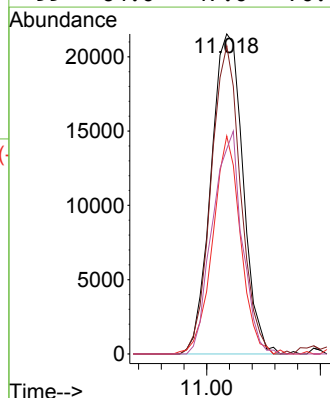
Ion Ratio Lower Upper

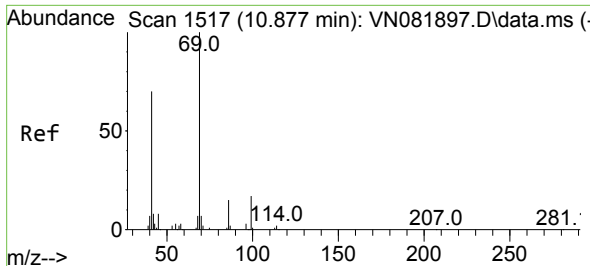
97 100

83 96.3 68.1 102.1

85 67.4 41.8 62.6#

99 64.0 47.0 70.4

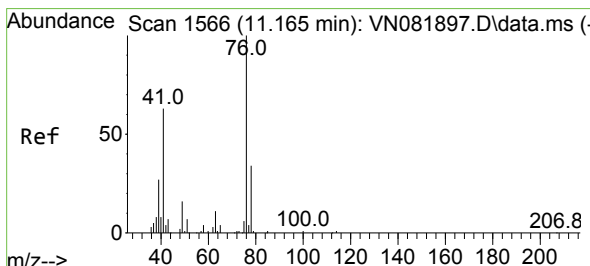
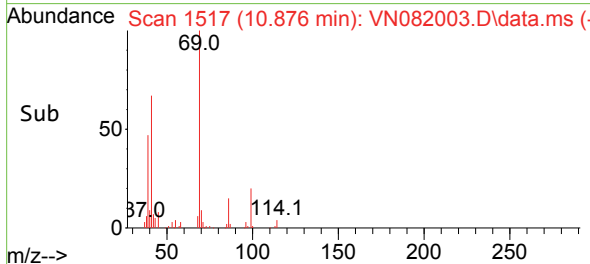
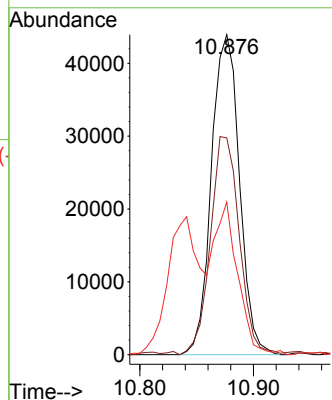
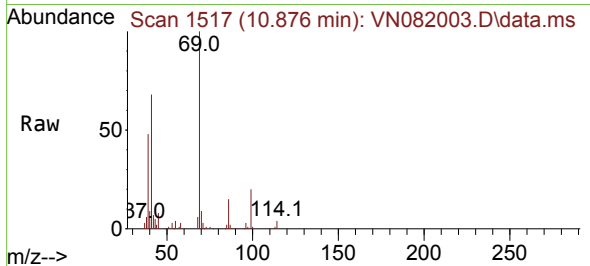




#51
Ethyl methacrylate
Concen: 20.005 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

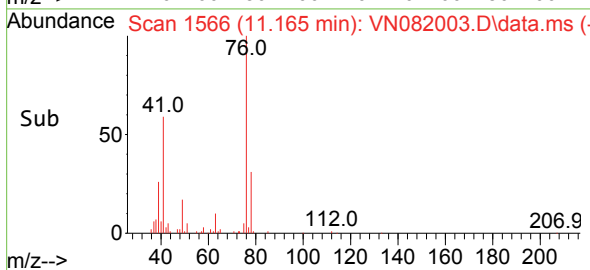
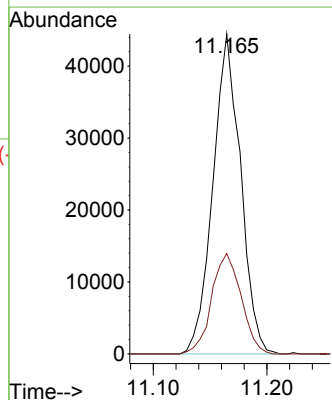
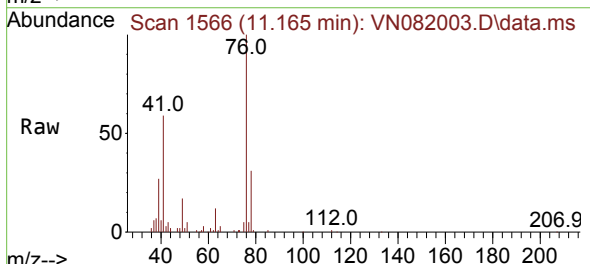
Instrument :
MSVOA_N
ClientSampleId :

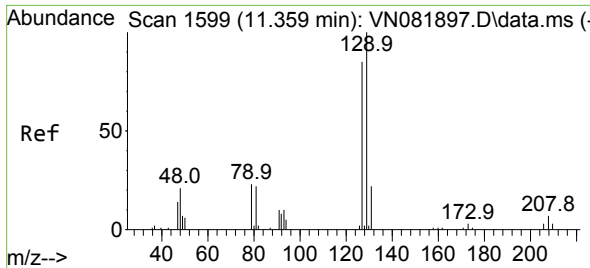
Tgt Ion: 69 Resp: 75393
Ion Ratio Lower Upper
69 100
41 67.8 25.5 76.5
39 45.9 16.0 47.9



#52
1,3-Dichloropropane
Concen: 20.518 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

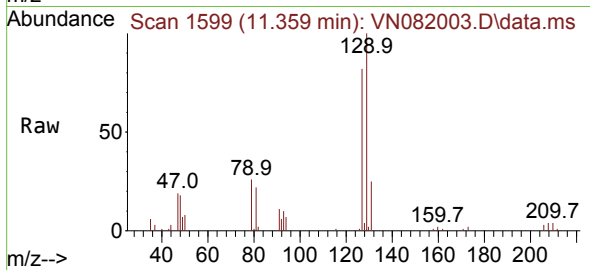
Tgt Ion: 76 Resp: 75272
Ion Ratio Lower Upper
76 100
78 33.5 0.0 65.8



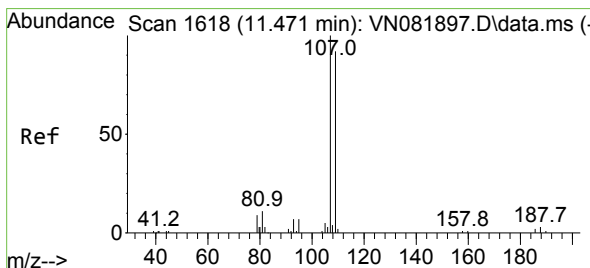
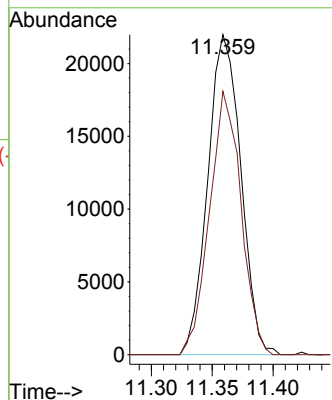
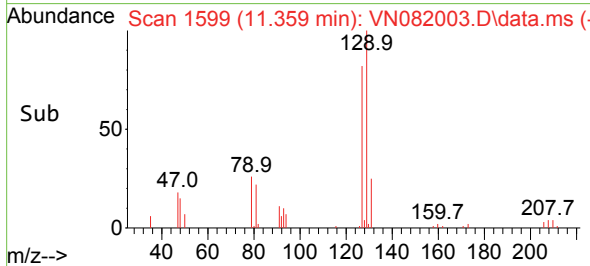


#53
Dibromochloromethane
Concen: 19.082 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

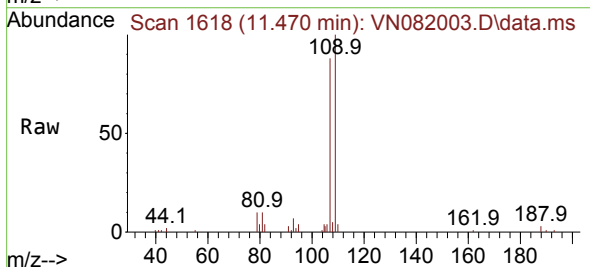
Instrument :
MSVOA_N
ClientSampleId :



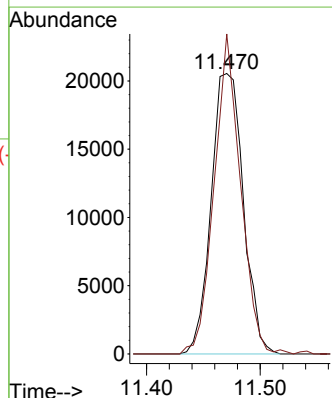
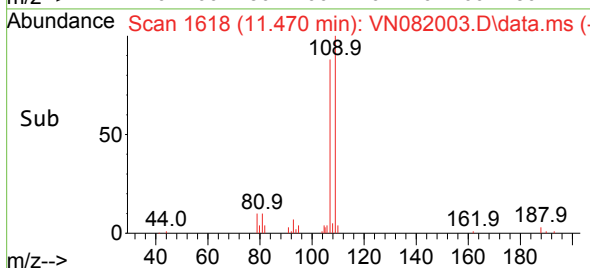
Tgt Ion:129 Resp: 41456
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.1

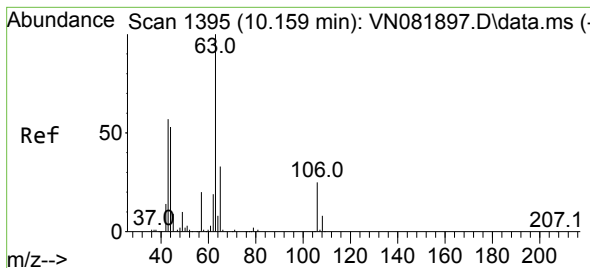


#54
1,2-Dibromoethane
Concen: 20.302 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23



Tgt Ion:107 Resp: 40431
Ion Ratio Lower Upper
107 100
109 93.0 74.7 112.1

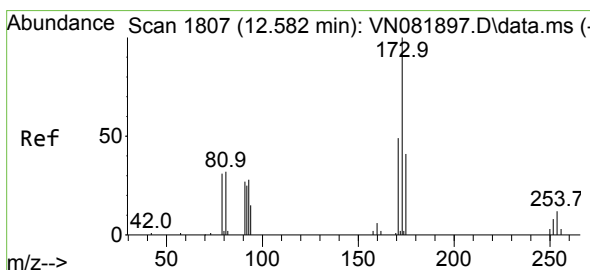
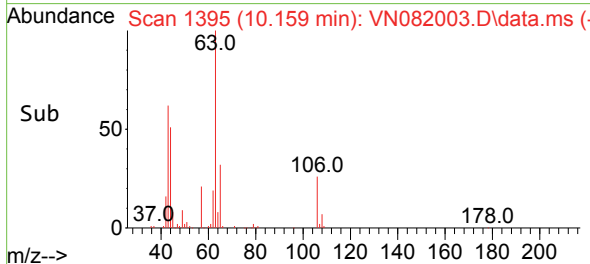
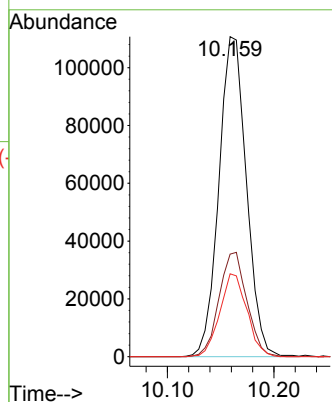
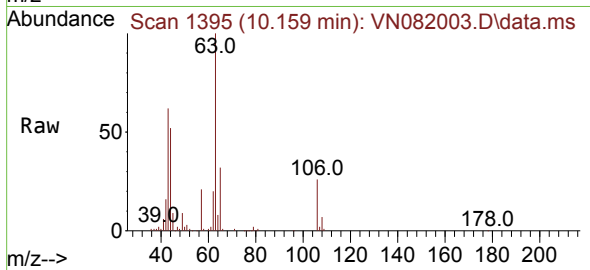




#55
2-Chloroethyl vinyl ether
Concen: 105.425 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

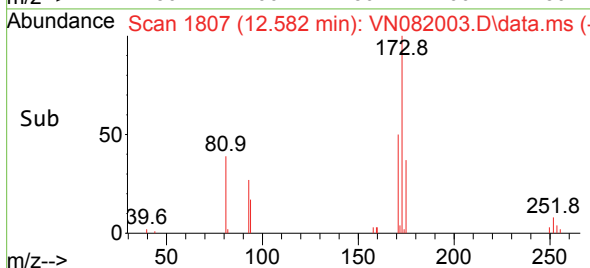
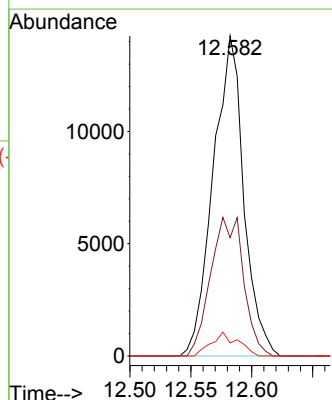
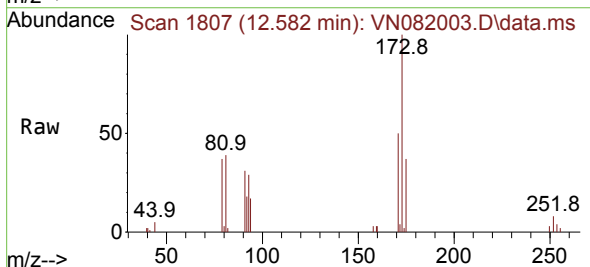
Instrument :
MSVOA_N
ClientSampleId :

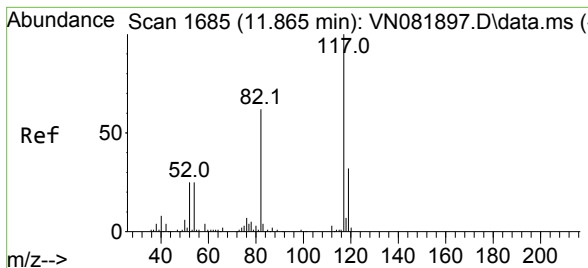
Tgt Ion: 63 Resp: 198681
Ion Ratio Lower Upper
63 100
65 32.9 26.2 39.2
106 25.5 23.8 35.8



#56
Bromoform
Concen: 18.835 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion:173 Resp: 24905
Ion Ratio Lower Upper
173 100
175 46.5 40.0 60.0
254 4.4 8.3 12.5#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

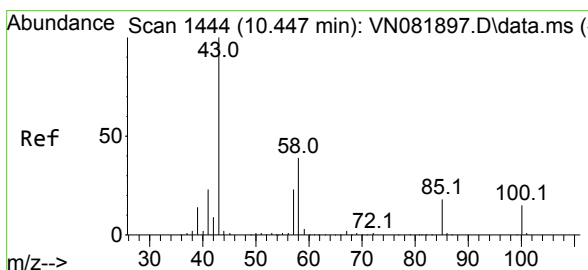
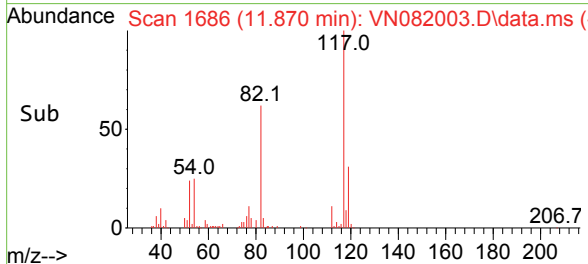
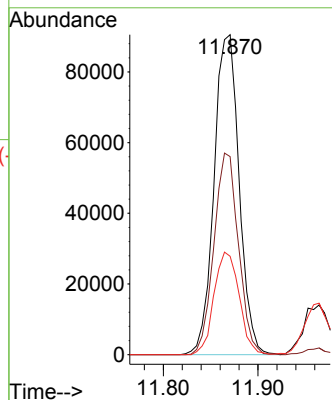
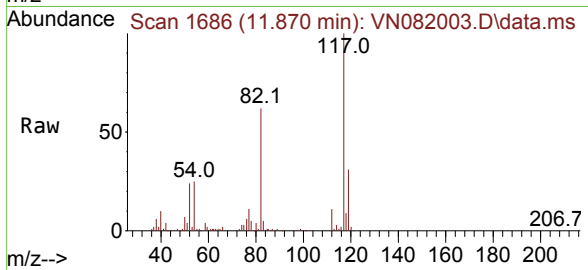
Tgt Ion:117 Resp: 166566

Ion Ratio Lower Upper

117 100

82 61.6 46.6 69.8

119 32.2 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 108.959 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

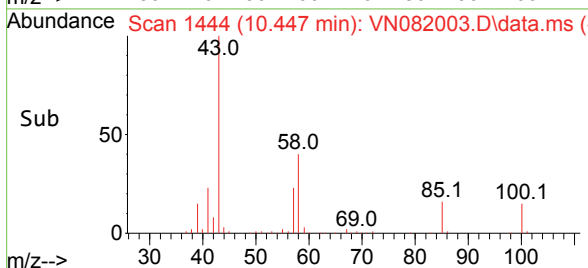
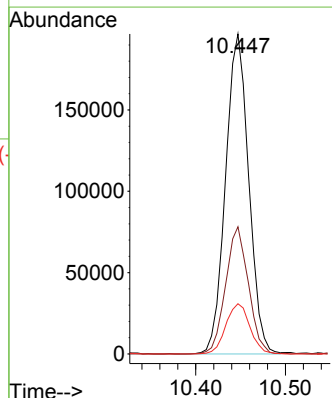
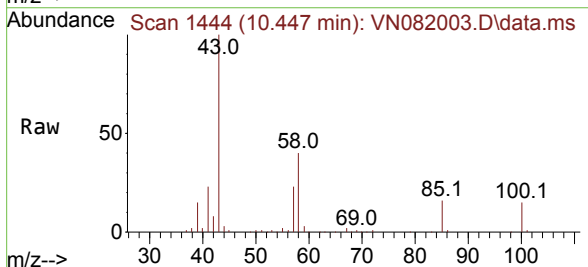
Tgt Ion: 43 Resp: 352396

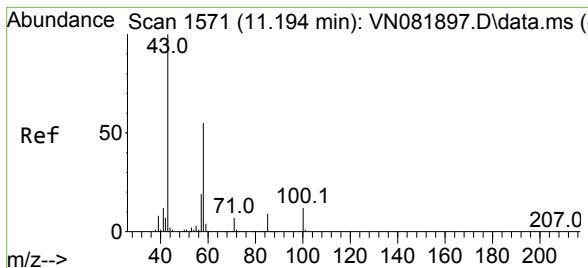
Ion Ratio Lower Upper

43 100

58 39.1 36.5 54.7

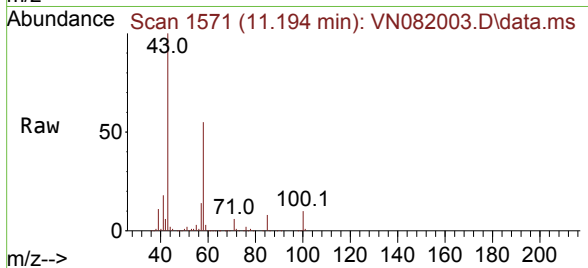
85 16.3 19.5 29.3#



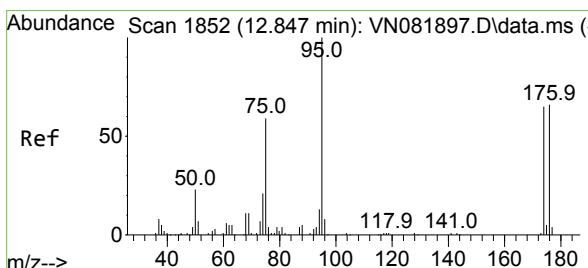
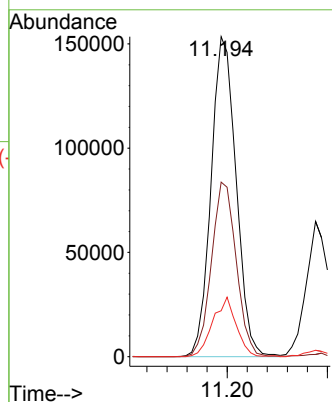
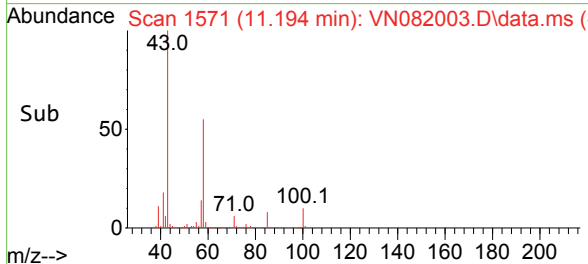


#59
2-Hexanone
Concen: 110.756 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :

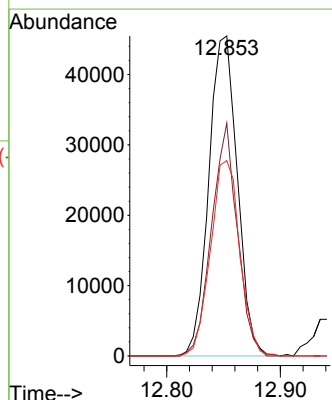
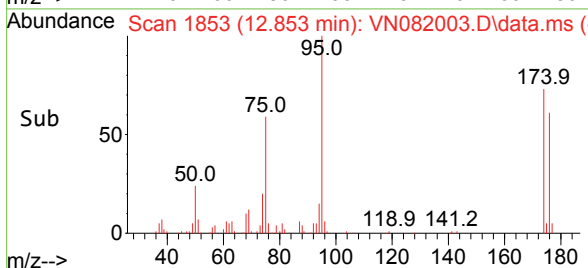
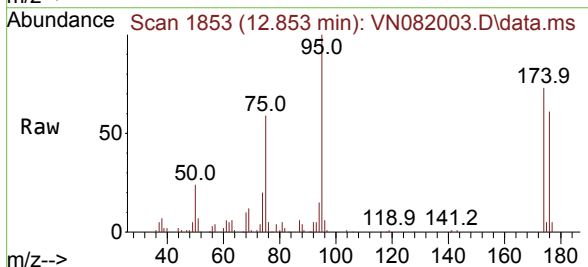


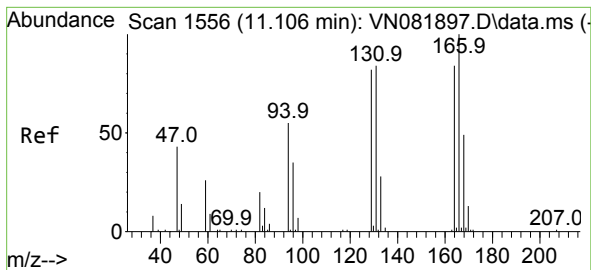
Tgt Ion: 43 Resp: 265590
Ion Ratio Lower Upper
43 100
58 54.1 50.4 75.6
57 17.4 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 28.658 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 95 Resp: 79441
Ion Ratio Lower Upper
95 100
174 65.7 60.5 90.7
176 62.5 57.8 86.6





#61

Tetrachloroethene

Concen: 17.448 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:164 Resp: 32248

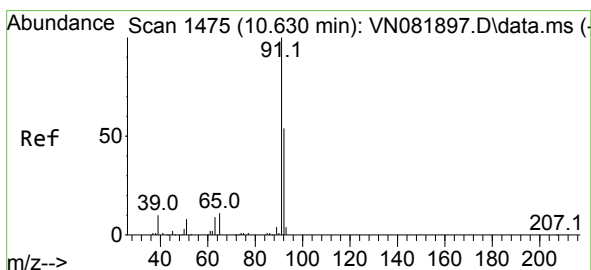
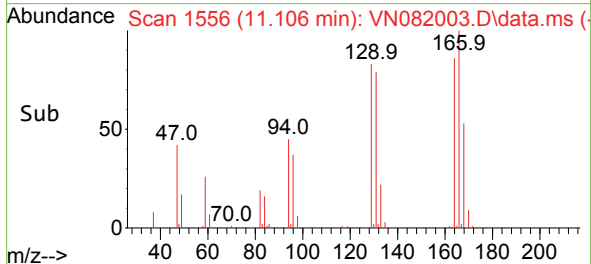
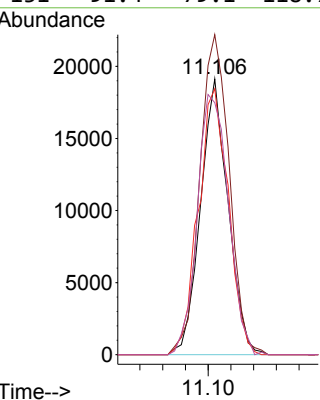
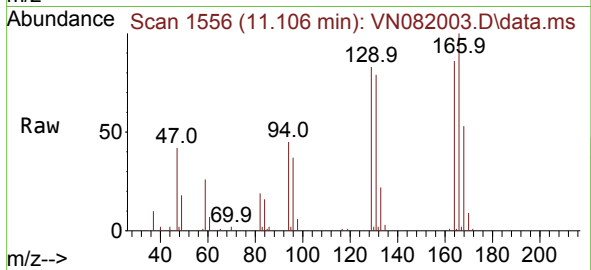
Ion Ratio Lower Upper

164 100

166 116.1 106.7 160.1

129 96.4 85.8 128.6

131 91.4 79.1 118.7



#62

Toluene

Concen: 19.430 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082003.D

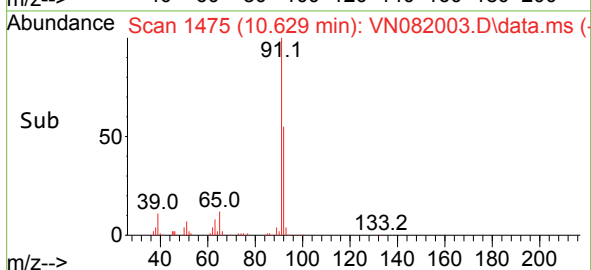
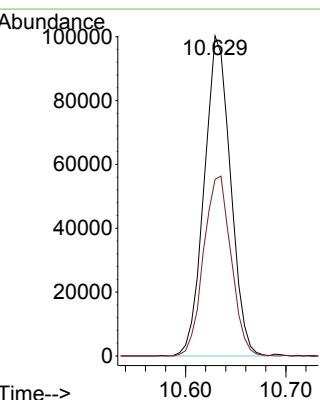
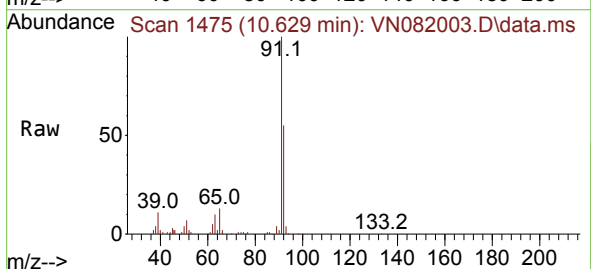
Acq: 06 May 2024 12:23

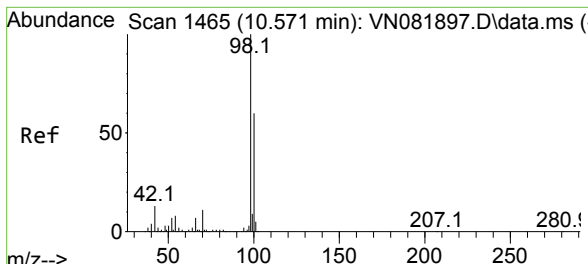
Tgt Ion: 91 Resp: 182094

Ion Ratio Lower Upper

91 100

92 58.8 46.5 69.7

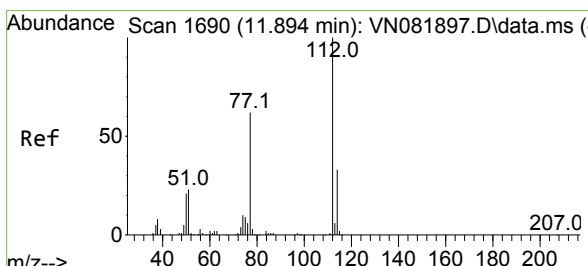
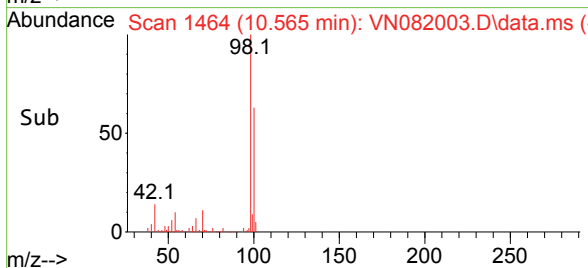
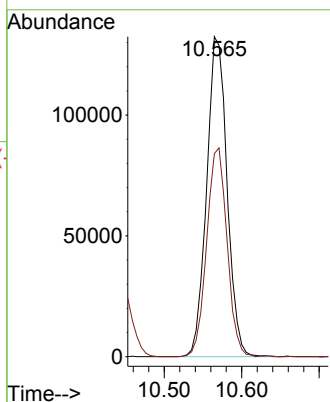
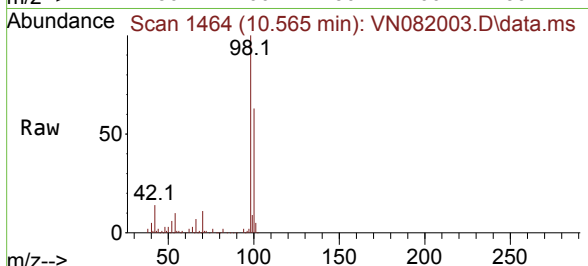




#63
Toluene-d8
Concen: 30.663 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

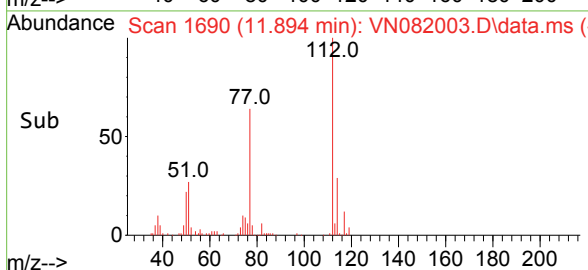
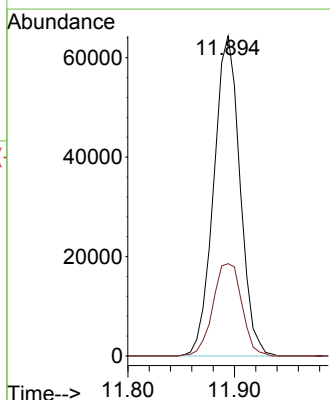
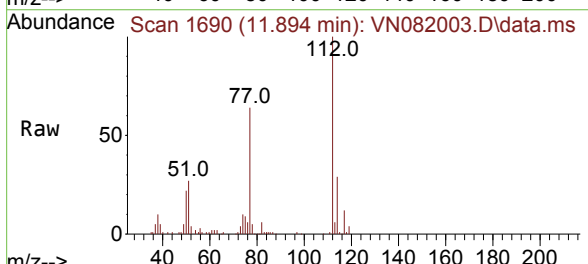
Instrument :
MSVOA_N
ClientSampleId :

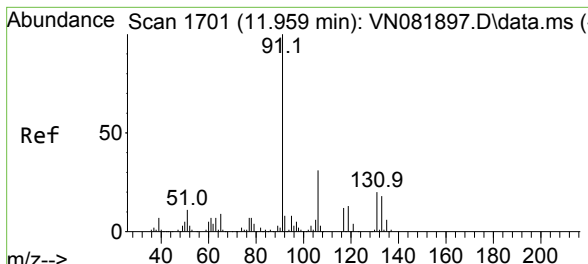
Tgt Ion: 98 Resp: 242554
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#64
Chlorobenzene
Concen: 19.214 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion: 112 Resp: 110142
Ion Ratio Lower Upper
112 100
114 28.8 26.6 39.8

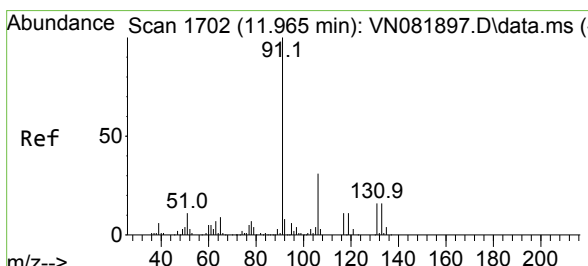
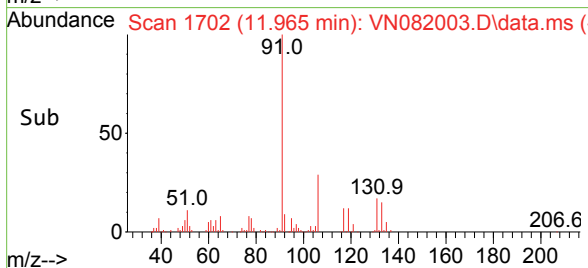
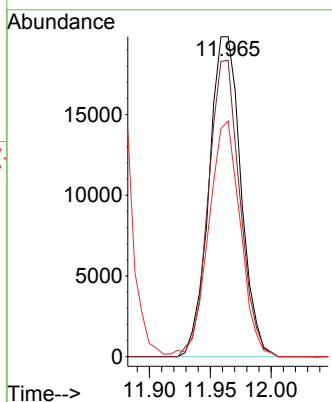
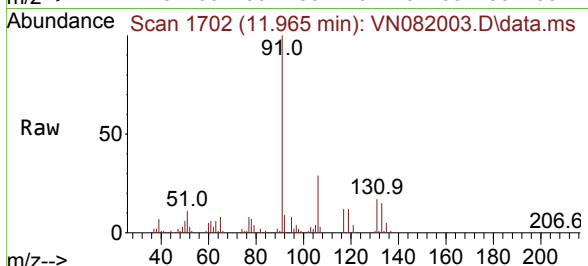




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.244 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.006 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

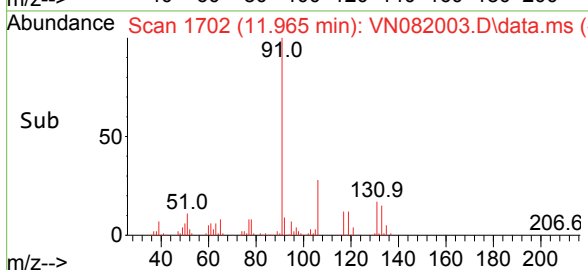
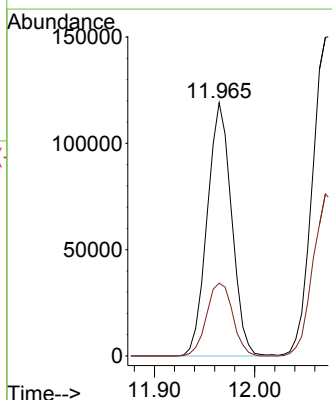
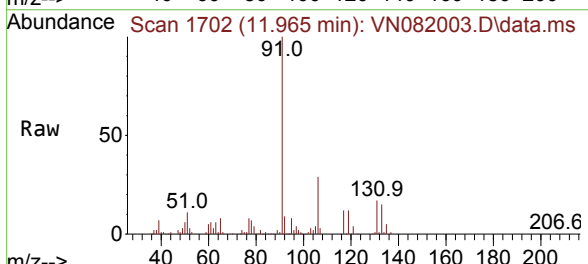
Instrument :
 MSVOA_N
 ClientSampleId :

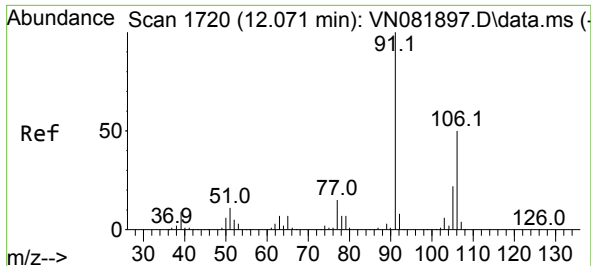
Tgt Ion:131 Resp: 36106
 Ion Ratio Lower Upper
 131 100
 133 90.9 0.0 188.0
 119 72.6 0.0 122.8



#66
 Ethyl Benzene
 Concen: 19.643 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

Tgt Ion: 91 Resp: 201794
 Ion Ratio Lower Upper
 91 100
 106 28.7 24.4 36.6

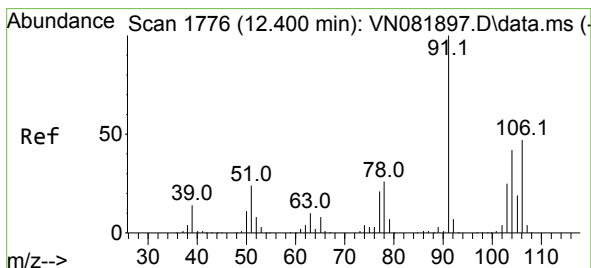
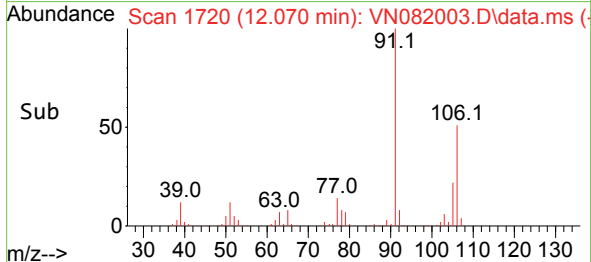
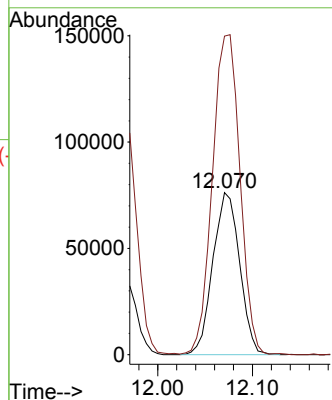
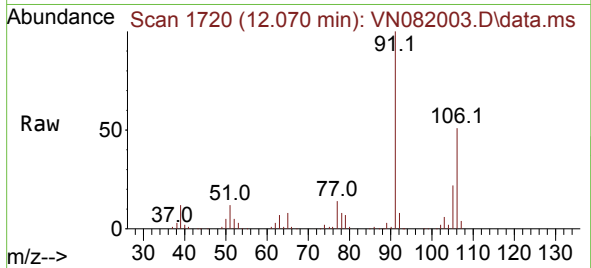




#67
m/p-Xylenes
Concen: 39.338 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

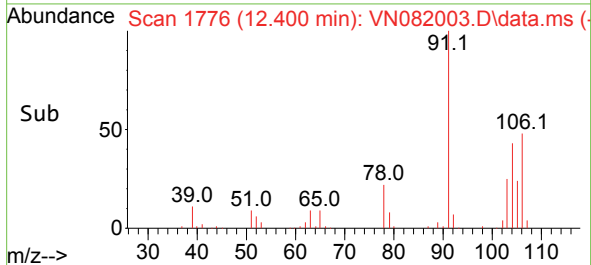
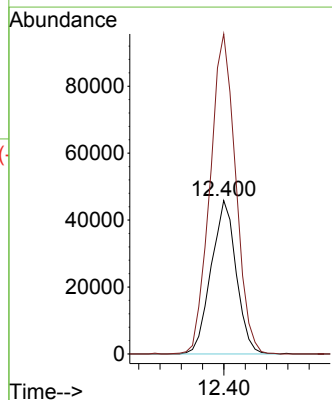
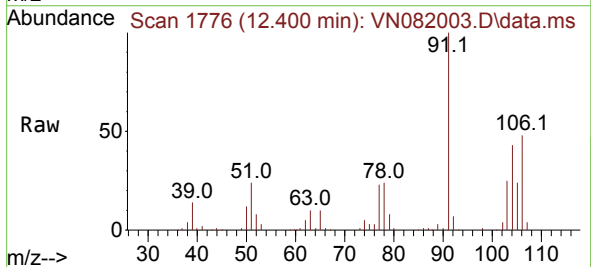
Instrument :
MSVOA_N
ClientSampleId :

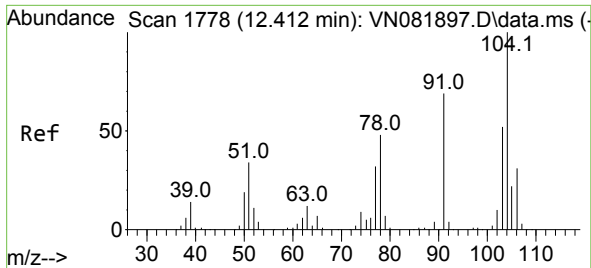
Tgt Ion:106 Resp: 149830
Ion Ratio Lower Upper
106 100
91 203.0 166.6 249.8



#68
o-Xylene
Concen: 19.841 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion:106 Resp: 74767
Ion Ratio Lower Upper
106 100
91 213.5 110.0 330.0

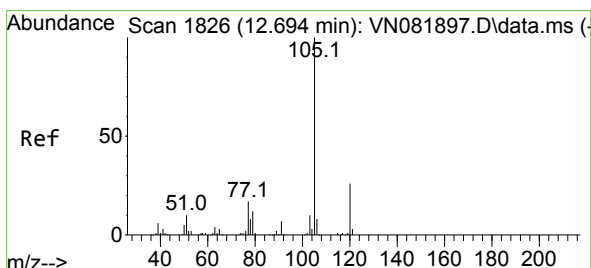
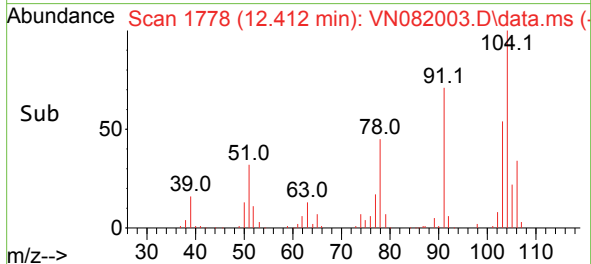
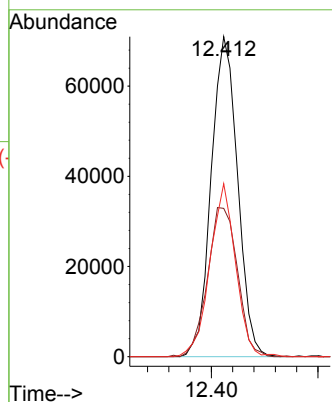
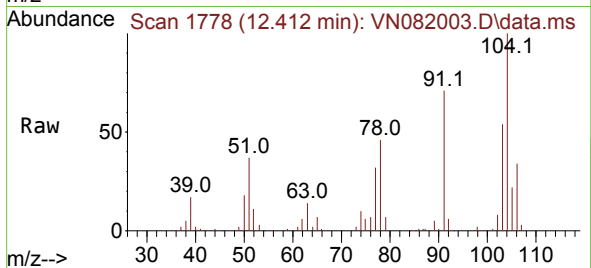




#69
Styrene
Concen: 19.313 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

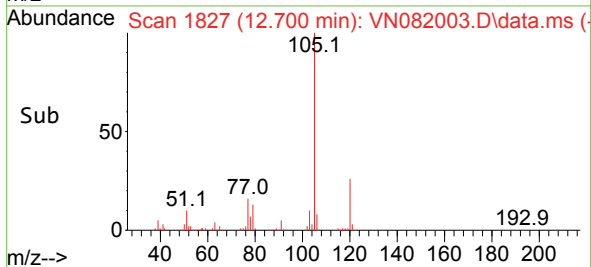
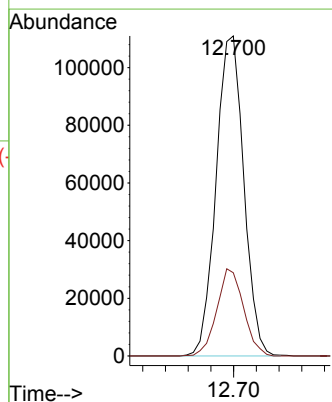
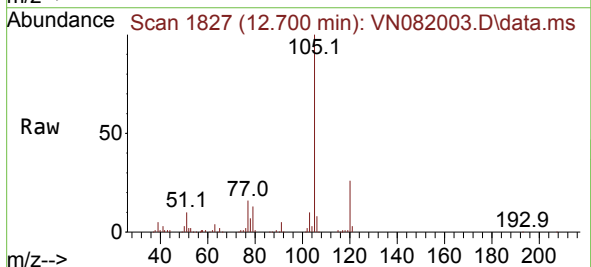
Instrument :
MSVOA_N
ClientSampleId :

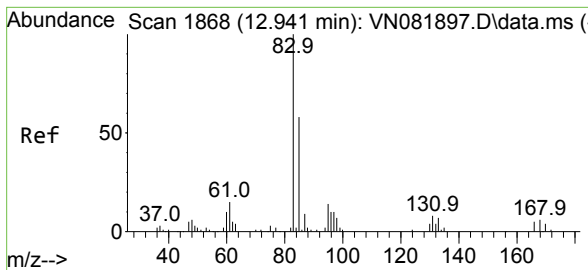
Tgt Ion:104 Resp: 122170
Ion Ratio Lower Upper
104 100
78 52.9 42.6 64.0
103 52.3 43.7 65.5



#70
Isopropylbenzene
Concen: 19.658 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion:105 Resp: 188138
Ion Ratio Lower Upper
105 100
120 26.3 17.8 33.1

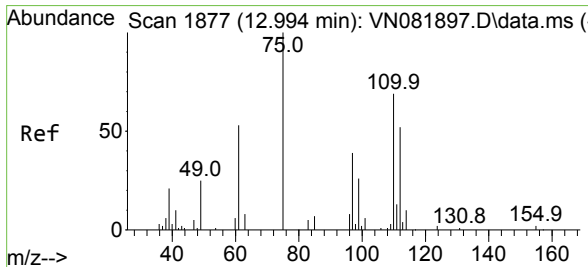
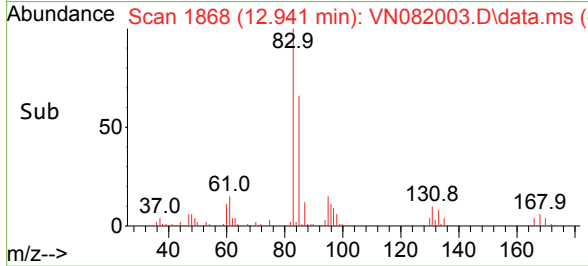
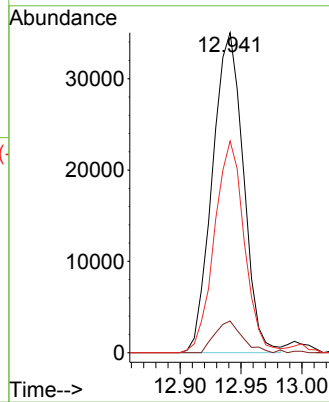
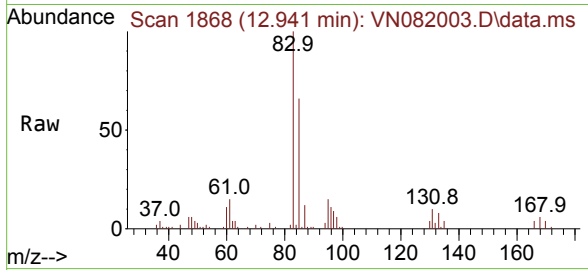




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.516 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

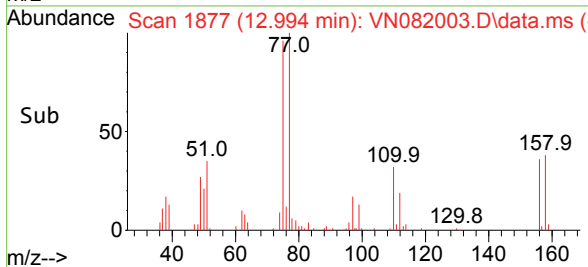
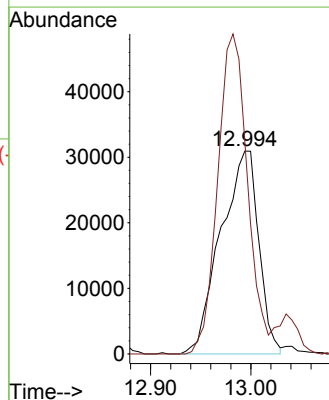
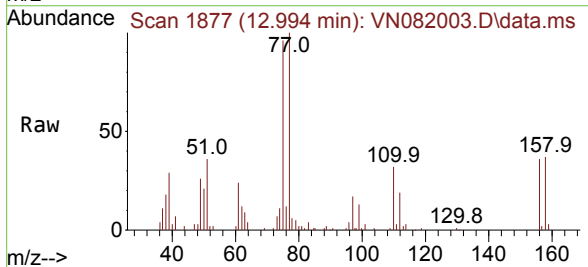
Instrument :
 MSVOA_N
 ClientSampleId :

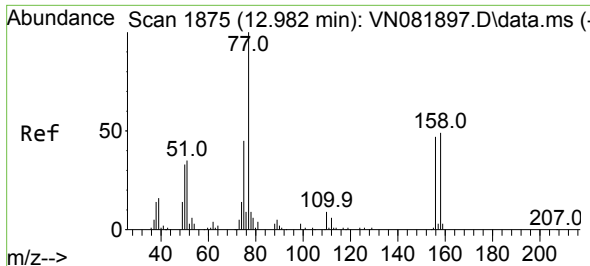
Tgt Ion: 83 Resp: 62013
 Ion Ratio Lower Upper
 83 100
 131 8.7 5.2 15.6
 85 63.8 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 31.642 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

Tgt Ion: 75 Resp: 81473
 Ion Ratio Lower Upper
 75 100
 77 123.4 0.0 367.6

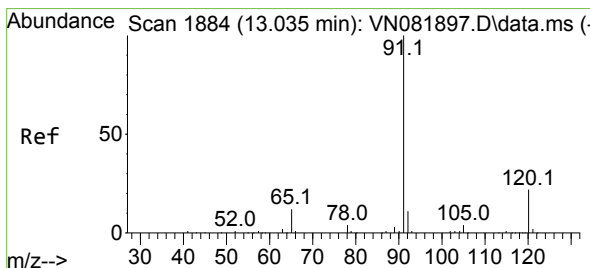
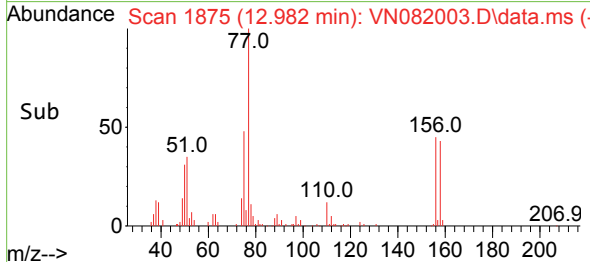
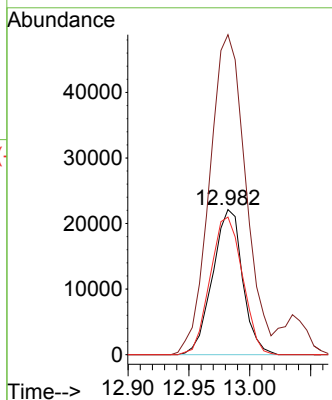
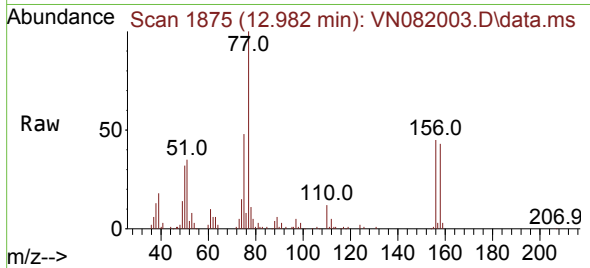




#73
Bromobenzene
Concen: 18.556 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

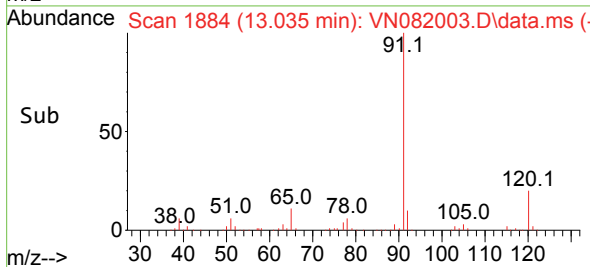
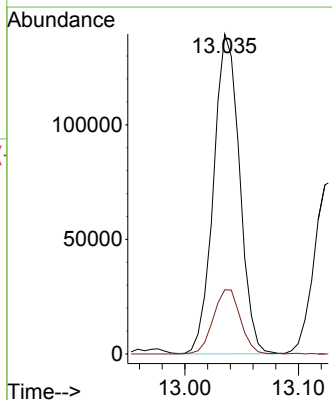
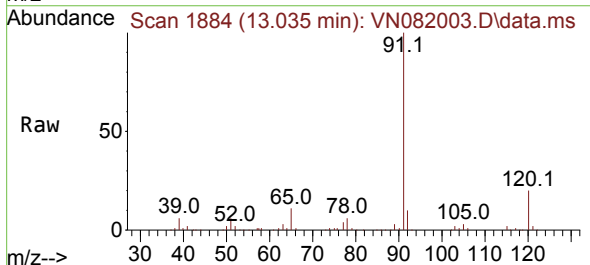
Instrument :
MSVOA_N
ClientSampleId :

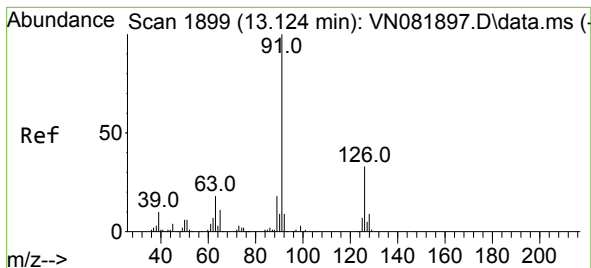
Tgt Ion	156	Resp	38017
Ion Ratio	Lower	Upper	
156	100		
77	264.5	0.0	437.6
158	102.1	0.0	203.8



#74
n-propylbenzene
Concen: 19.700 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion	91	Resp	222444
Ion Ratio	Lower	Upper	
91	100		
120	20.9	0.0	43.8





#75

2-Chlorotoluene

Concen: 19.087 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

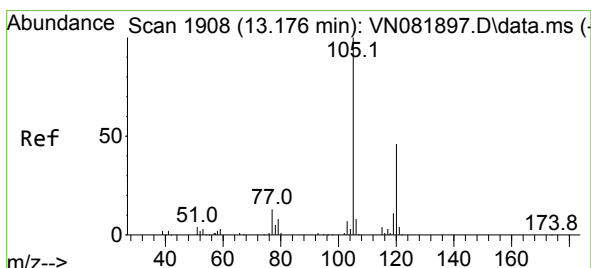
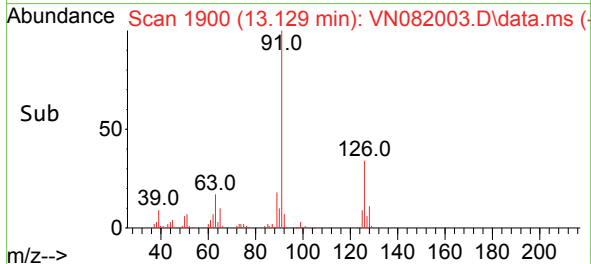
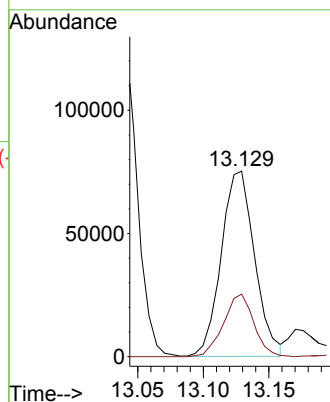
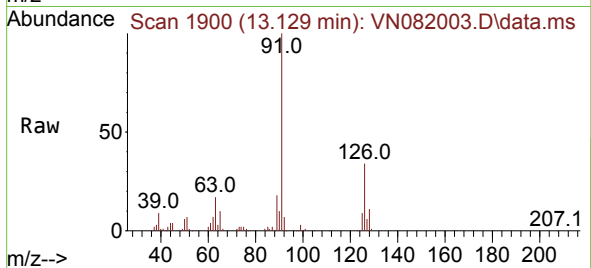
ClientSampleId :

Tgt Ion: 91 Resp: 133328

Ion Ratio Lower Upper

91 100

126 30.6 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 19.193 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082003.D

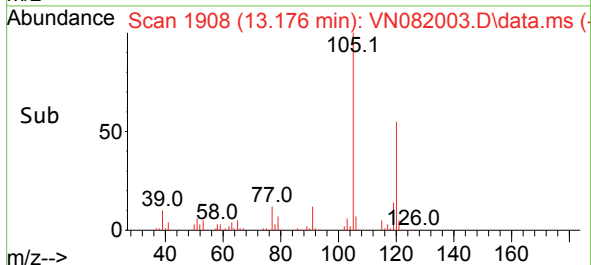
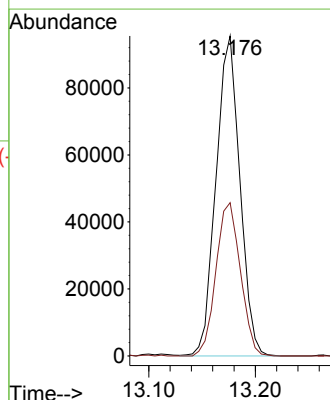
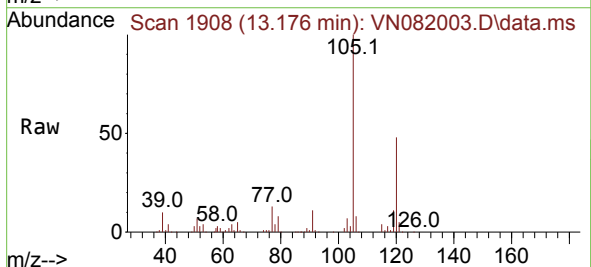
Acq: 06 May 2024 12:23

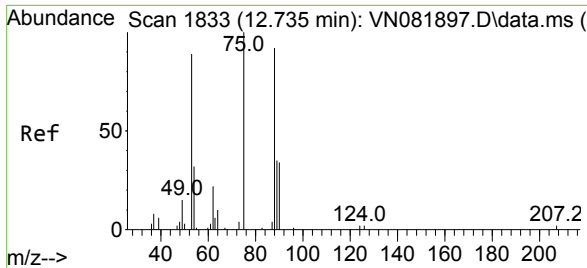
Tgt Ion: 105 Resp: 148684

Ion Ratio Lower Upper

105 100

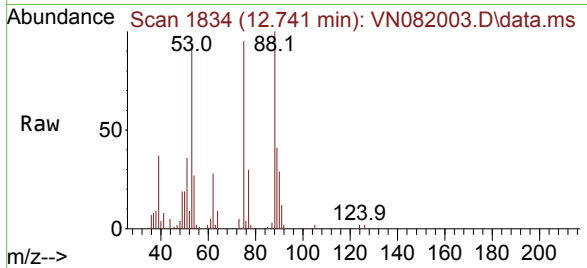
120 48.9 0.0 95.8



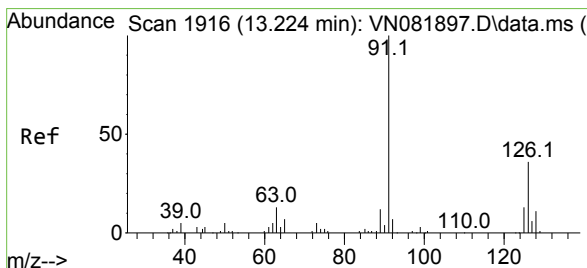
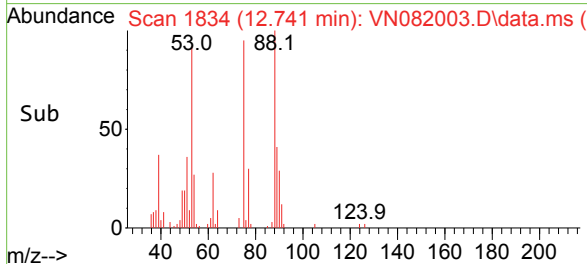
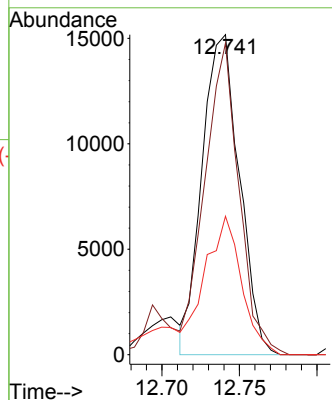


#77
 t-1,4-Dichloro-2-butene
 Concen: 22.162 ug/l
 RT: 12.741 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

Instrument :
 MSVOA_N
 ClientSampleId :

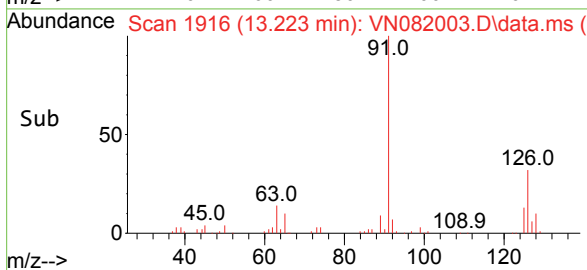
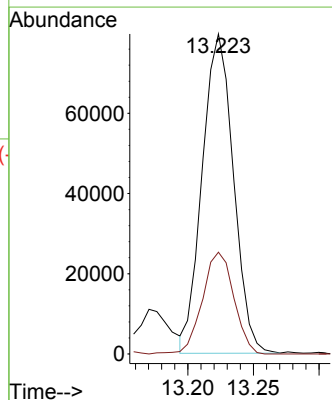
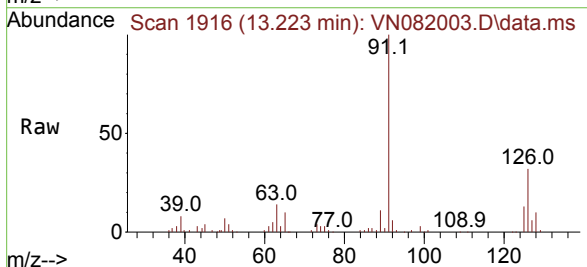


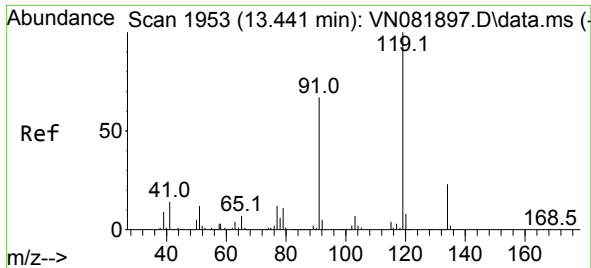
Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.0	45.9	137.7
89	43.2	25.9	77.7



#78
 4-Chlorotoluene
 Concen: 19.271 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

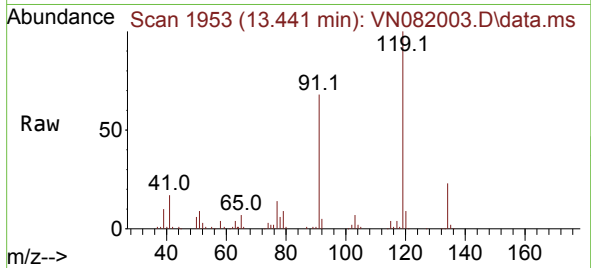
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	0.0	62.8



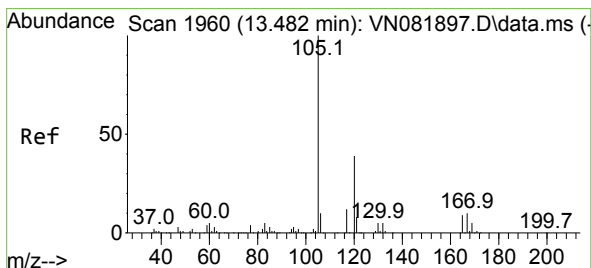
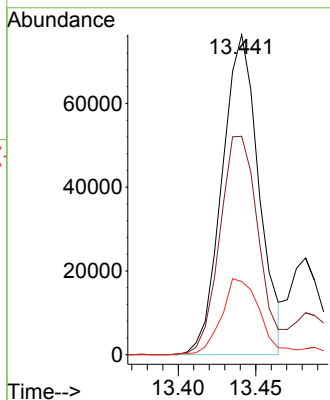
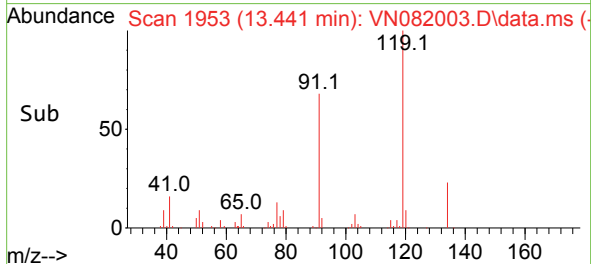


#79
tert-butylbenzene
Concen: 18.961 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :

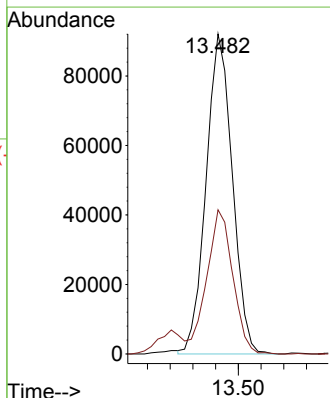
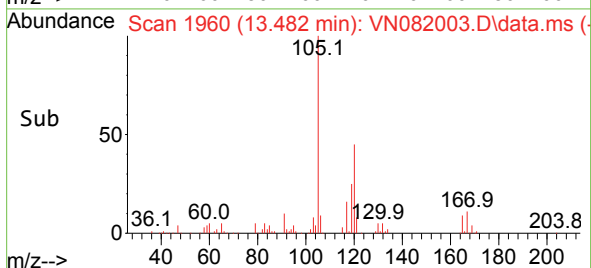
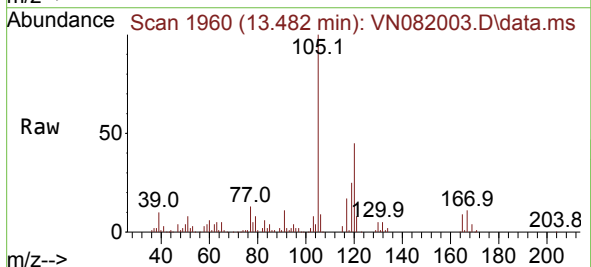


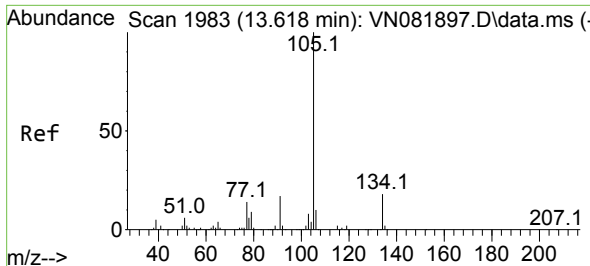
Tgt Ion:119 Resp: 126467
Ion Ratio Lower Upper
119 100
91 72.7 0.0 138.8
134 24.7 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 18.991 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion:105 Resp: 147772
Ion Ratio Lower Upper
105 100
120 44.7 0.0 86.8

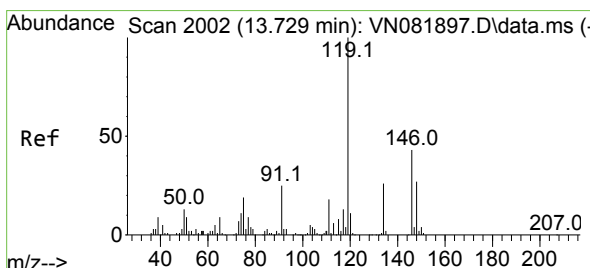
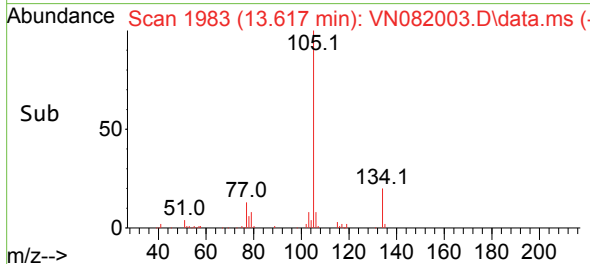
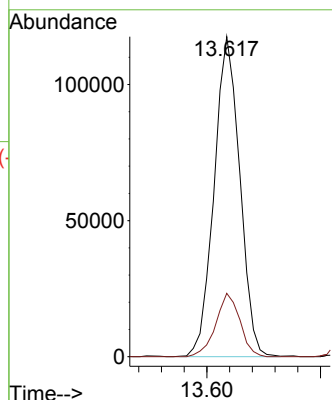
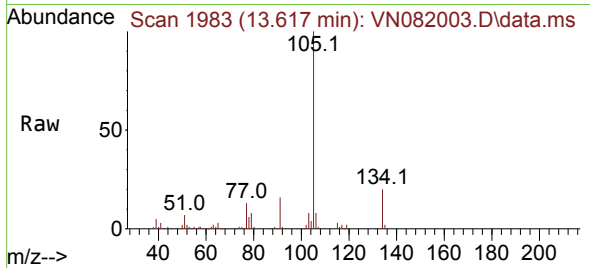




#81
 sec-Butylbenzene
 Concen: 19.752 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

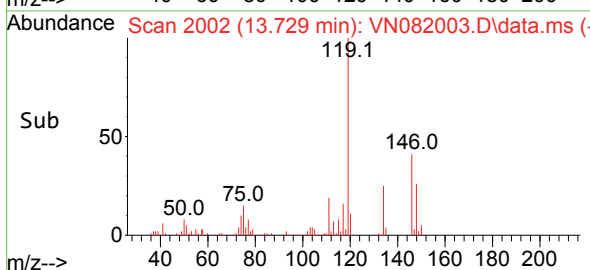
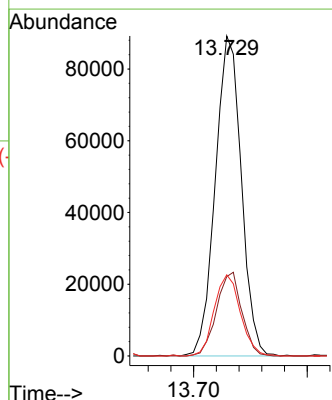
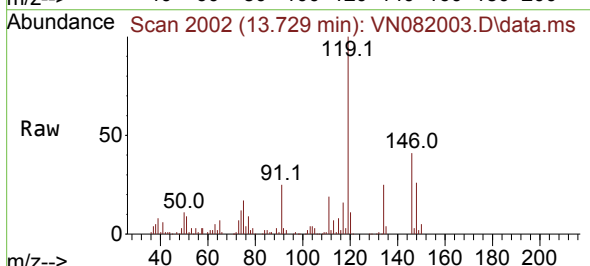
Instrument :
 MSVOA_N
 ClientSampleId :

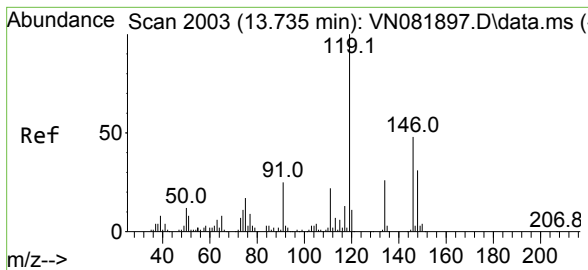
Tgt Ion:105 Resp: 184678
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 19.176 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

Tgt Ion:119 Resp: 141772
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 49.2
 91 25.5 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 18.526 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

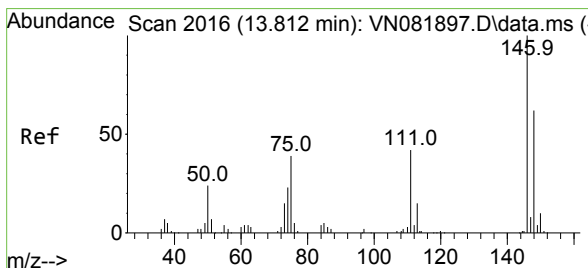
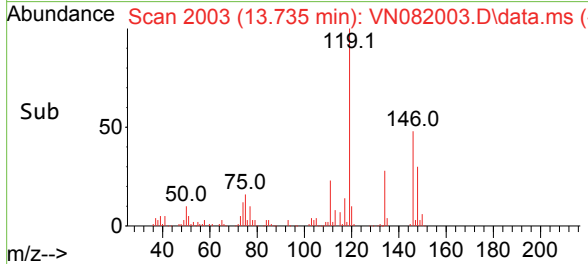
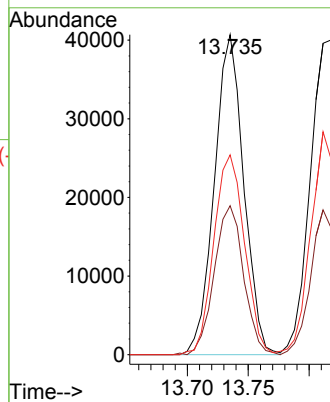
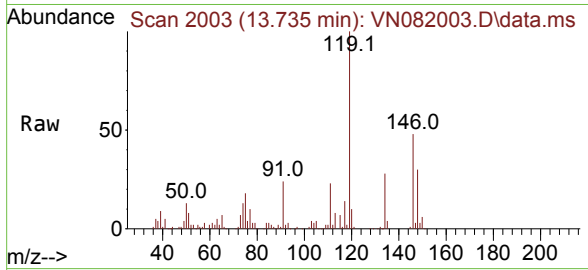
Tgt Ion:146 Resp: 68343

Ion Ratio Lower Upper

146 100

111 46.4 22.4 67.0

148 65.1 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 18.941 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

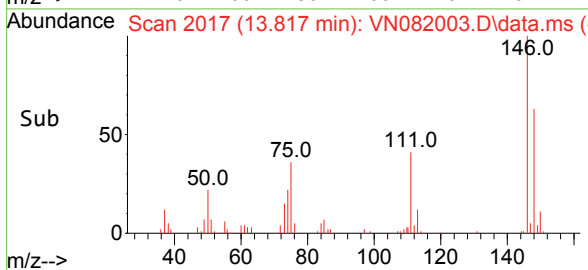
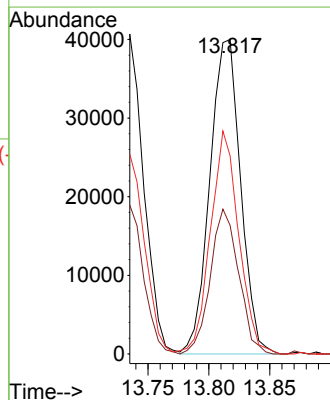
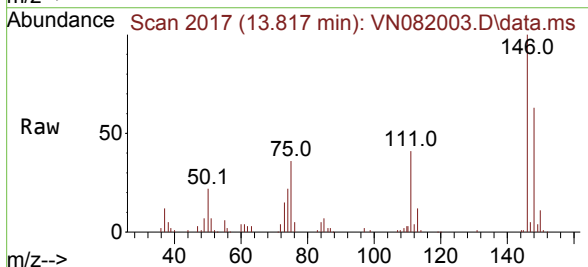
Tgt Ion:146 Resp: 70230

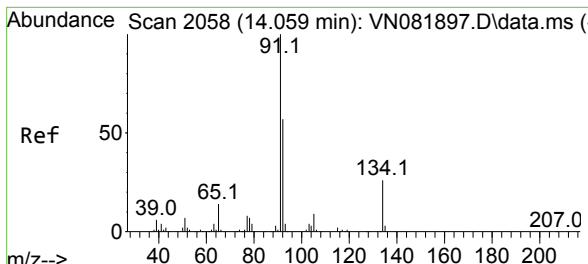
Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

148 65.5 31.9 95.5

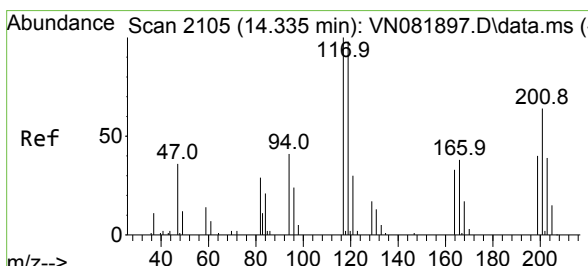
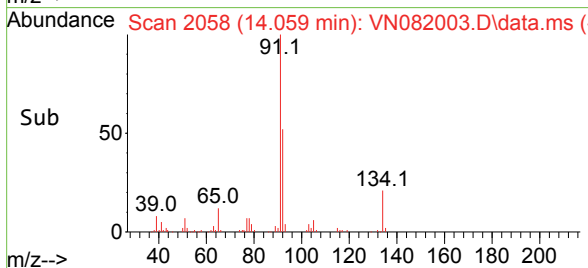
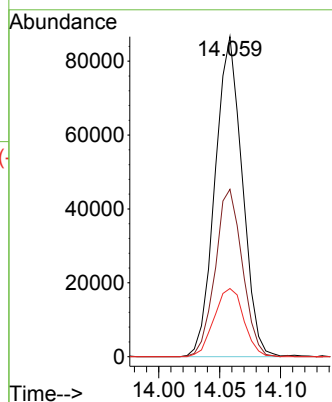
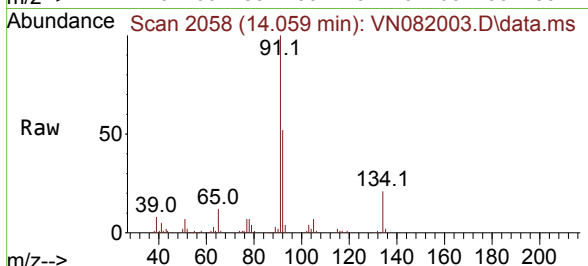




#85
n-Butylbenzene
Concen: 19.972 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

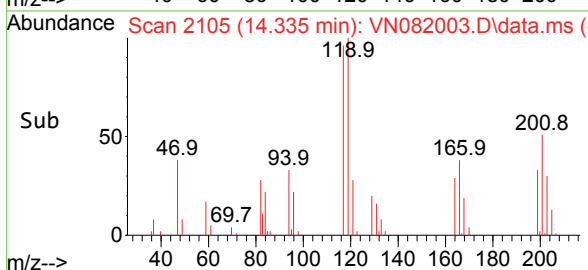
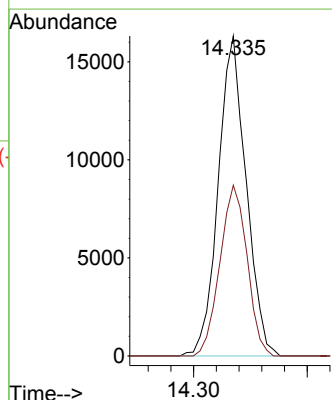
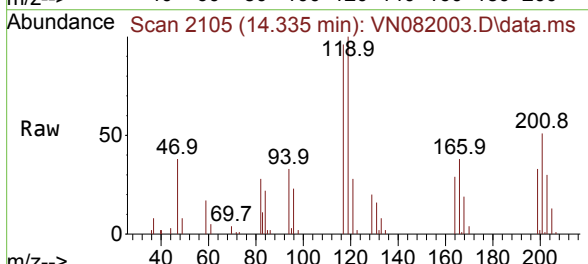
Instrument :
MSVOA_N
ClientSampleId :

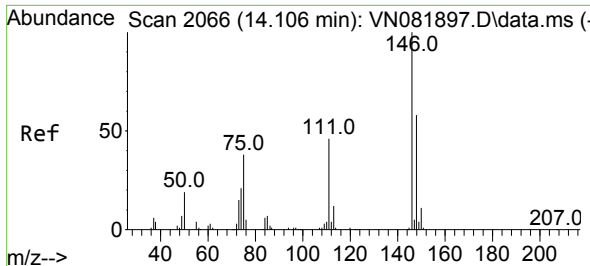
Tgt Ion: 91 Resp: 134876
Ion Ratio Lower Upper
91 100
92 52.1 0.0 105.0
134 23.2 0.0 51.8



#86
Hexachloroethane
Concen: 18.862 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

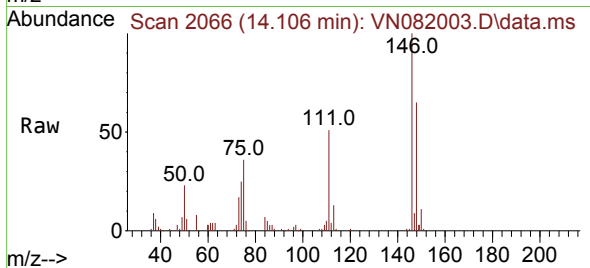
Tgt Ion: 117 Resp: 27805
Ion Ratio Lower Upper
117 100
201 52.0 38.0 114.0



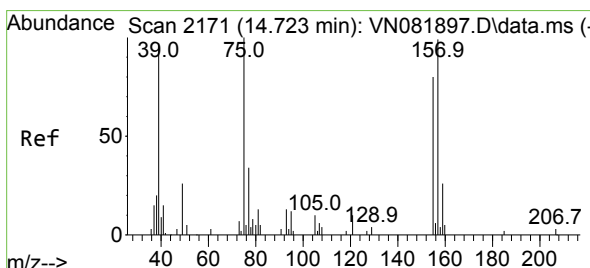
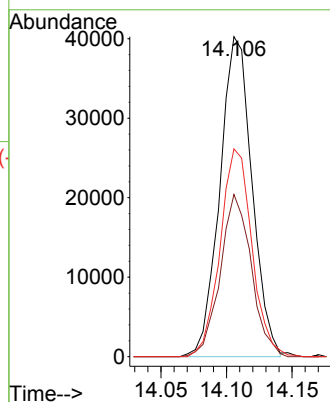
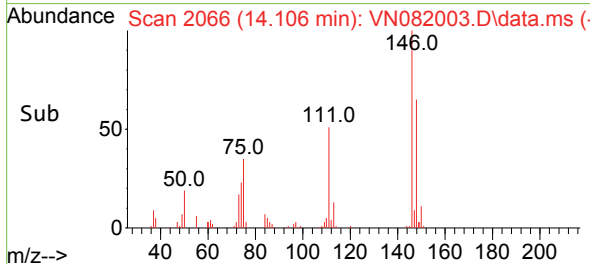


#87
 1,2-Dichlorobenzene
 Concen: 18.659 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23

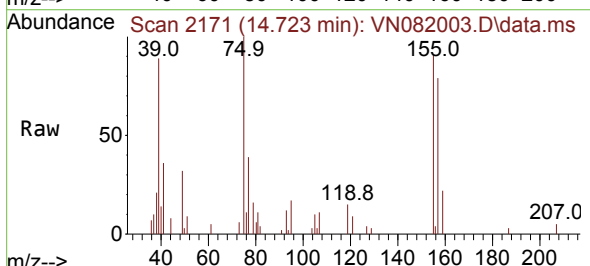
Instrument :
 MSVOA_N
 ClientSampleId :



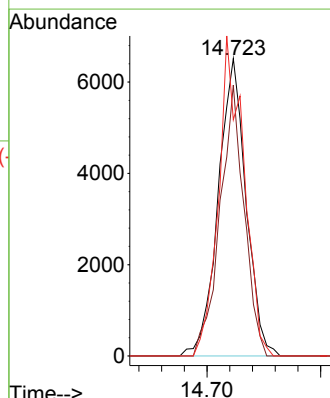
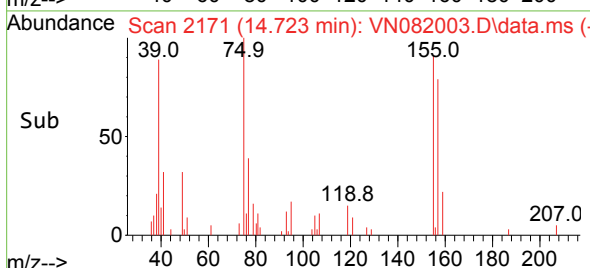
Tgt Ion:146 Resp: 68556
 Ion Ratio Lower Upper
 146 100
 111 49.0 22.6 67.8
 148 64.3 31.3 93.8

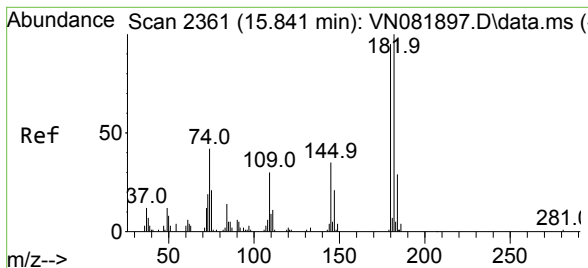


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.933 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN082003.D
 Acq: 06 May 2024 12:23



Tgt Ion: 75 Resp: 11083
 Ion Ratio Lower Upper
 75 100
 155 79.1 61.7 92.5
 157 98.1 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 18.098 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

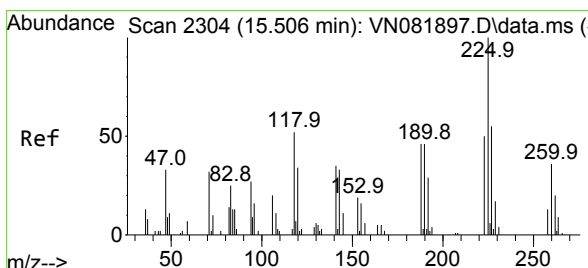
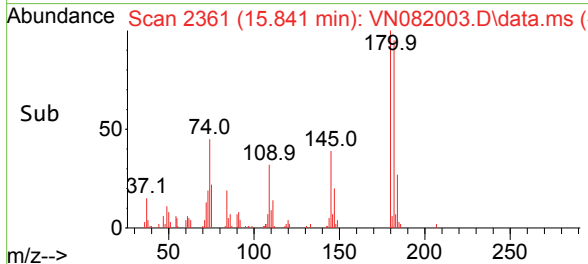
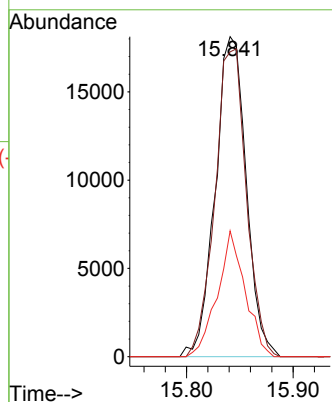
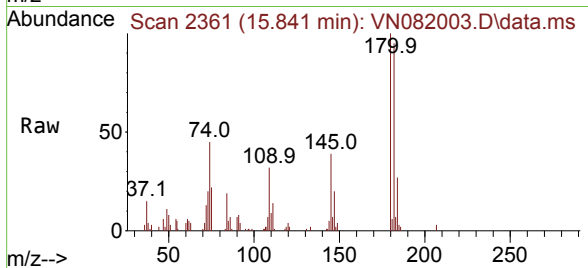
Tgt Ion:180 Resp: 36614

Ion Ratio Lower Upper

180 100

182 97.5 76.4 114.6

145 35.2 28.4 42.6



#90

Hexachlorobutadiene

Concen: 16.316 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN082003.D

Acq: 06 May 2024 12:23

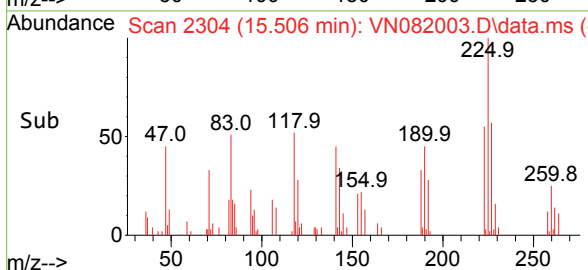
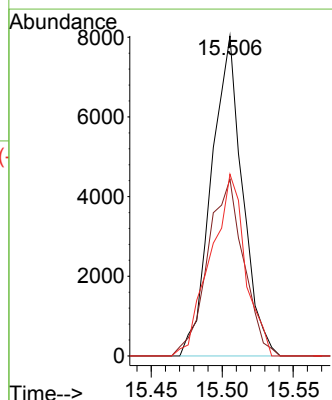
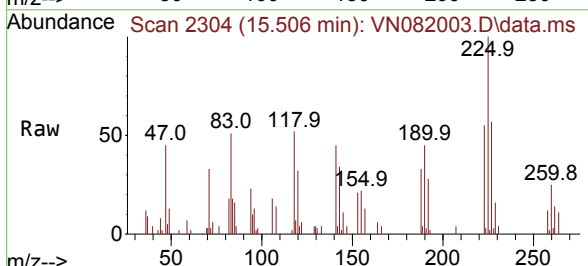
Tgt Ion:225 Resp: 12225

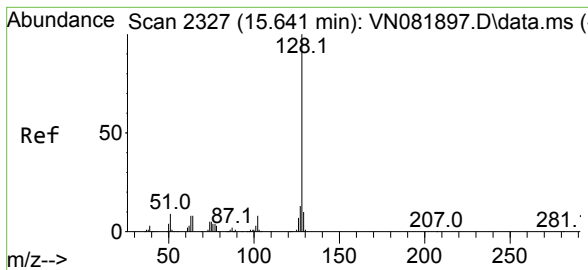
Ion Ratio Lower Upper

225 100

223 63.9 0.0 126.6

227 63.5 0.0 126.6

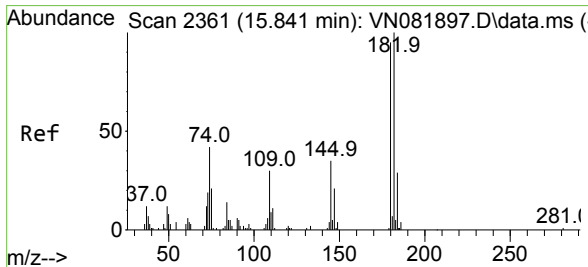
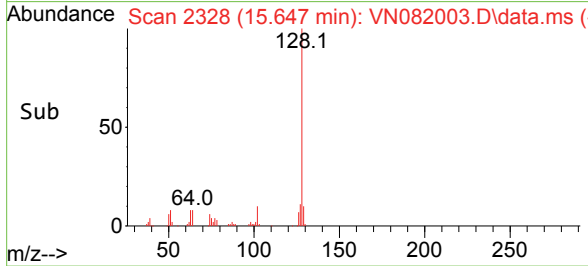
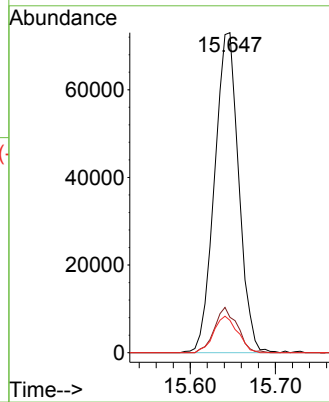
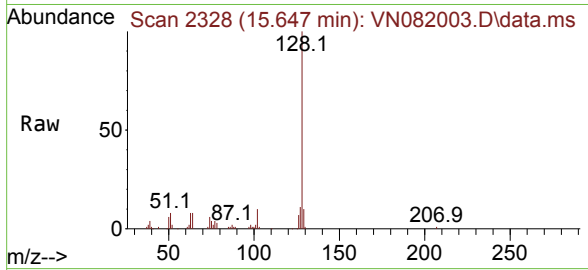




#91
Naphthalene
Concen: 18.733 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 144064
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.3 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.098 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082003.D
Acq: 06 May 2024 12:23

Tgt Ion:180 Resp: 36614
Ion Ratio Lower Upper
180 100
182 97.5 0.0 191.0
145 35.2 0.0 71.0

