

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050724\
 Data File : VN082017.D
 Acq On : 07 May 2024 10:40
 Operator : JC\MD
 Sample : VN0507WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

Quant Time: May 08 07:57:32 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	30872	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	181038	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	162438	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	80625	31.193	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.967%	
60) 4-Bromofluorobenzene	12.847	95	81940	30.311	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.033%	
63) Toluene-d8	10.565	98	237556	30.795	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.633%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	33159	18.922	ug/l	95
3) Chloromethane	2.365	50	40486	19.921	ug/l	96
4) Vinyl Chloride	2.518	62	38635	20.124	ug/l	100
5) Bromomethane	2.965	94	18035	18.002	ug/l	89
6) Chloroethane	3.124	64	24670	22.692	ug/l	89
7) Trichlorofluoromethane	3.501	101	52006	18.512	ug/l	97
8) Diethyl Ether	3.965	74	25878	19.029	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.383	101	35501	18.433	ug/l	68
10) 1,1-Dichloroethene	4.342	96	22069	11.713	ug/l #	75
11) Methyl Iodide	4.589	142	17057	9.906	ug/l	95
12) Methyl Acetate	5.024	43	54316	23.022	ug/l #	74
13) Acrolein	4.177	56	44360	88.468	ug/l	98
14) Acrylonitrile	5.718	53	112265	104.261	ug/l	98
15) Acetone	3.959	58	300	1.243	ug/l	71
16) Carbon Disulfide	4.712	76	92916	17.800	ug/l	98
17) Allyl chloride	5.024	41	64235	19.418	ug/l	87
18) Methylene Chloride	5.277	84	41578	19.394	ug/l #	82
19) trans-1,2-Dichloroethene	5.789	96	36400	18.560	ug/l	87
20) Diisopropyl ether	6.665	45	153187	20.930	ug/l #	95
21) 1,1-Dichloroethane	6.571	63	79523	20.519	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	45551	19.059	ug/l	89
23) tert-Butyl Alcohol	5.512	59	24857	56.044	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	138232	20.349	ug/l #	87
25) Chloroform	7.965	83	73252	19.647	ug/l	98
26) Cyclohexane	8.259	56	67585	20.167	ug/l #	83
29) 1,1-Dichloropropene	8.371	75	52392	19.439	ug/l	96
30) 2-Butanone	7.483	43	144611	104.089	ug/l	96
31) 2,2-Dichloropropane	7.489	77	63481	22.984	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	61794	19.935	ug/l	94
33) Carbon Tetrachloride	8.171	117	7952	3.161	ug/l	98
34) Benzene	8.606	78	175046	20.358	ug/l	94
35) Methacrylonitrile	7.783	41	35764	20.347	ug/l	90
36) 1,2-Dichloroethane	8.671	62	59775	20.709	ug/l #	90
37) Trichloroethene	9.353	130	36095	17.139	ug/l	92
38) Methylcyclohexane	9.600	83	63281	19.436	ug/l	93
39) 1,2-Dichloropropane	9.624	63	47009	21.307	ug/l	96
40) Dibromomethane	9.712	93	28374	20.019	ug/l	88
41) Bromodichloromethane	9.888	83	61150	20.186	ug/l #	96
42) Vinyl Acetate	6.600	43	614452	103.909	ug/l	95

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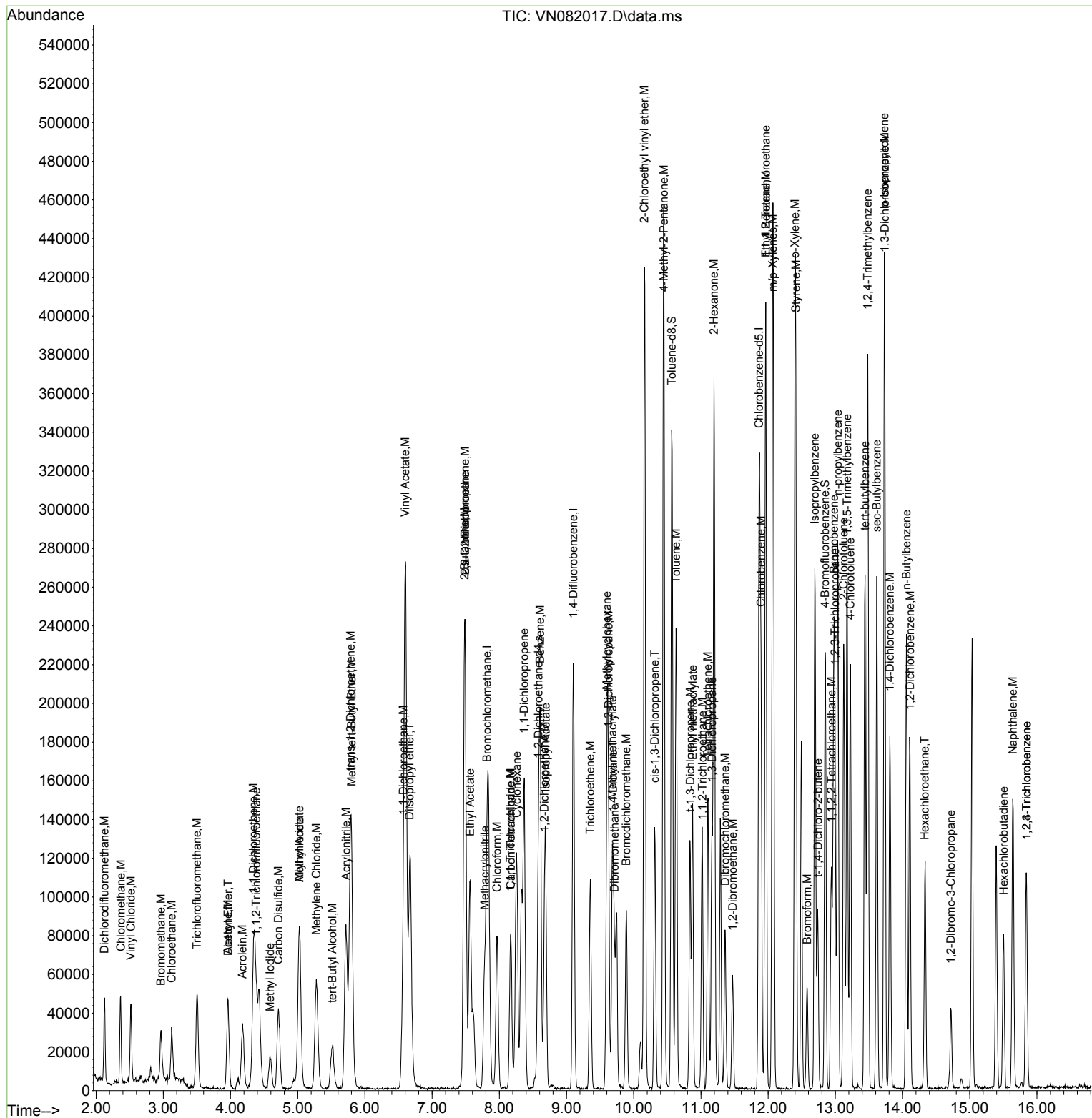
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	59842	19.755	ug/l	99
44) Isopropyl Acetate	8.688	43	107592	20.007	ug/l	91
45) 1,4-Dioxane	9.694	88	18478	428.450	ug/l #	95
46) Methyl methacrylate	9.683	41	51175	20.829	ug/l	86
48) t-1,3-Dichloropropene	10.841	75	65952	20.076	ug/l	94
49) cis-1,3-Dichloropropene	10.312	75	73812	21.251	ug/l #	81
50) 1,1,2-Trichloroethane	11.024	97	42744	22.229	ug/l	92
51) Ethyl methacrylate	10.877	69	72928	20.095	ug/l	76
52) 1,3-Dichloropropane	11.165	76	74266	21.022	ug/l	99
53) Dibromochloromethane	11.359	129	40037	19.137	ug/l	99
54) 1,2-Dibromoethane	11.471	107	37866	19.745	ug/l	90
55) 2-Chloroethyl vinyl ether	10.159	63	192264	105.943	ug/l	95
56) Bromoform	12.582	173	22816	17.919	ug/l #	75
58) 4-Methyl-2-Pentanone	10.447	43	323114	102.444	ug/l #	87
59) 2-Hexanone	11.194	43	235614	100.752	ug/l	87
61) Tetrachloroethene	11.100	164	30481	16.911	ug/l	90
62) Toluene	10.630	91	176380	19.298	ug/l	99
64) Chlorobenzene	11.894	112	110403	19.749	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	37213	20.339	ug/l	91
66) Ethyl Benzene	11.965	91	194952	19.460	ug/l	99
67) m/p-Xylenes	12.071	106	150507	40.520	ug/l	94
68) o-Xylene	12.400	106	73956	20.124	ug/l	97
69) Styrene	12.412	104	122436	19.847	ug/l	98
70) Isopropylbenzene	12.694	105	180605	19.350	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	56717	21.116	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	74853	29.809	ug/l	64
73) Bromobenzene	12.982	156	37252	18.645	ug/l	78
74) n-propylbenzene	13.035	91	220770	20.049	ug/l	99
75) 2-Chlorotoluene	13.124	91	132127	19.396	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	143124	18.945	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	21187	18.957	ug/l	90
78) 4-Chlorotoluene	13.224	91	128465	19.249	ug/l	100
79) tert-butylbenzene	13.441	119	121564	18.689	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	148445	19.562	ug/l	97
81) sec-Butylbenzene	13.618	105	179933	19.734	ug/l	98
82) p-Isopropyltoluene	13.729	119	143460	19.897	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	66946	18.609	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	68755	19.014	ug/l	100
85) n-Butylbenzene	14.059	91	130323	19.788	ug/l	96
86) Hexachloroethane	14.329	117	26097	18.153	ug/l	77
87) 1,2-Dichlorobenzene	14.112	146	69067	19.276	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	11969	19.858	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.847	180	32928	16.690	ug/l	95
90) Hexachlorobutadiene	15.506	225	12661	17.327	ug/l	96
91) Naphthalene	15.641	128	137064	18.275	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	32928	16.690	ug/l	95

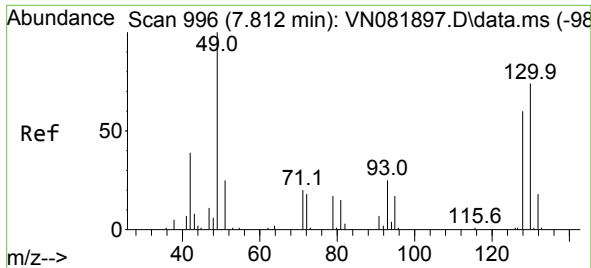
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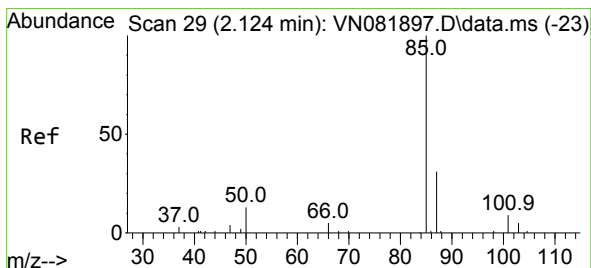
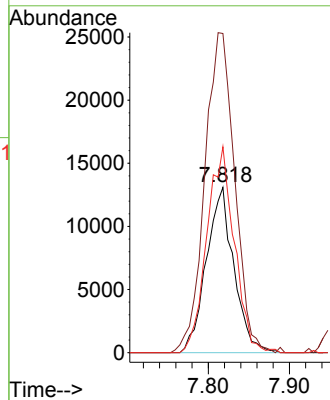
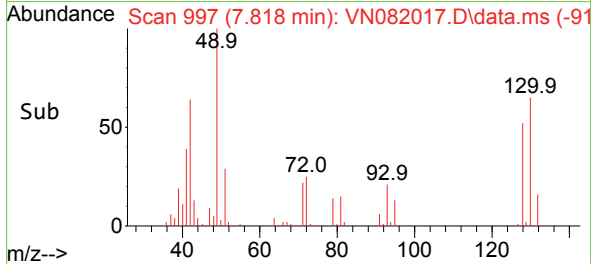
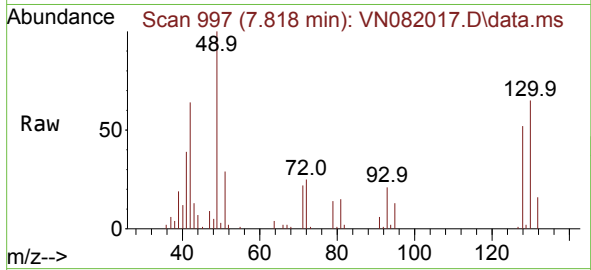




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

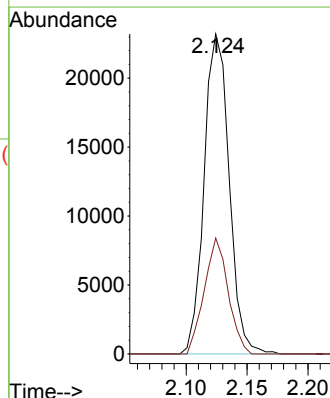
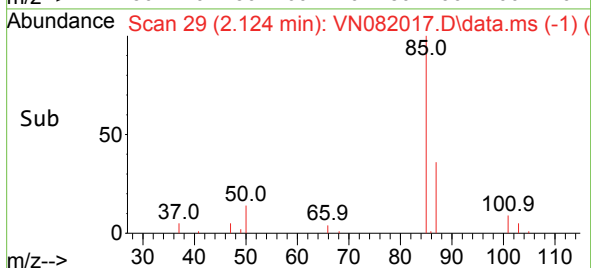
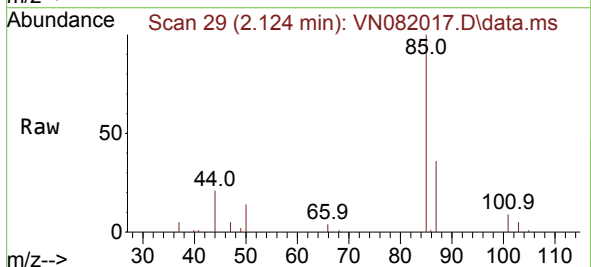
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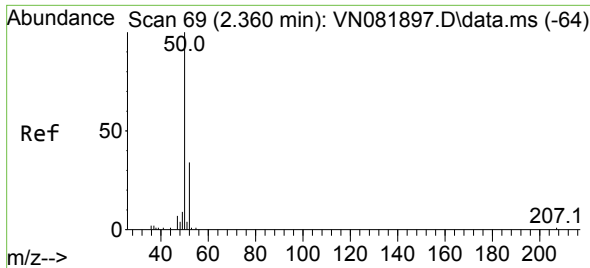
Tgt Ion:128 Resp: 30872
Ion Ratio Lower Upper
128 100
49 210.2 0.0 403.7
130 123.8 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 18.922 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 85 Resp: 33159
Ion Ratio Lower Upper
85 100
87 36.2 16.8 50.3

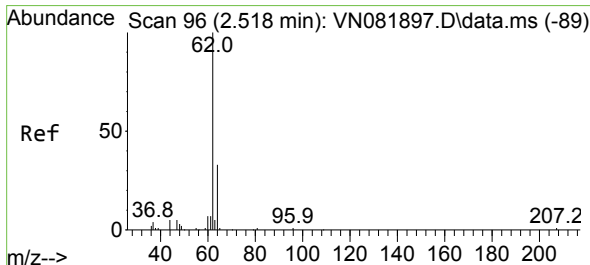
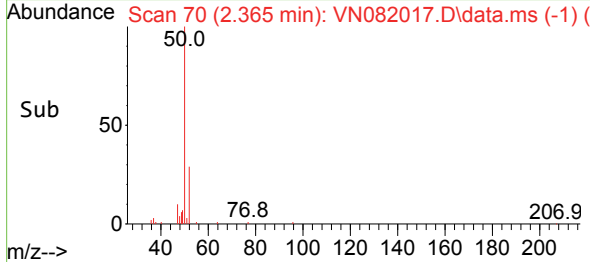
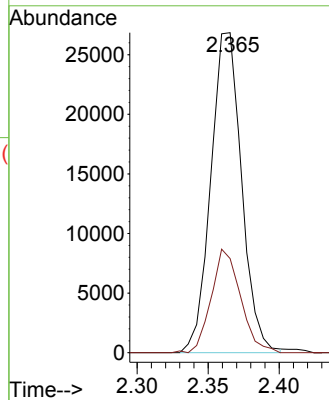
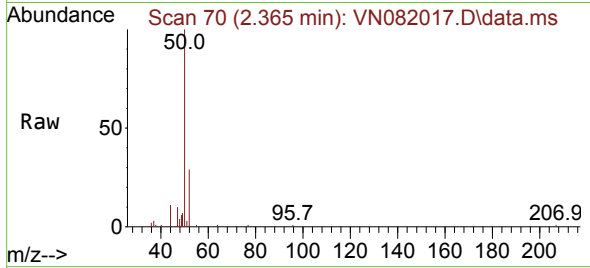




#3
Chloromethane
Concen: 19.921 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

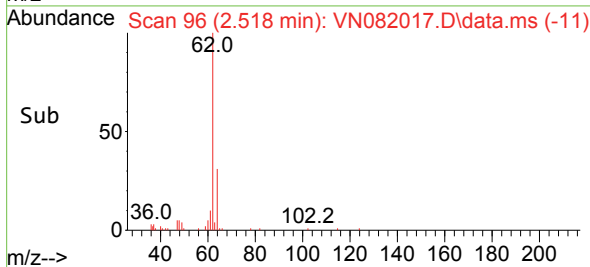
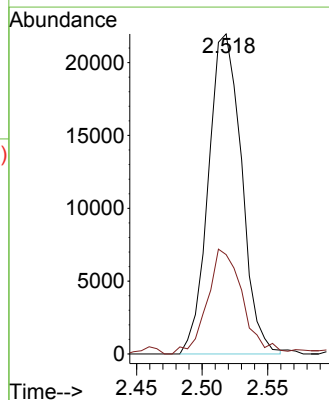
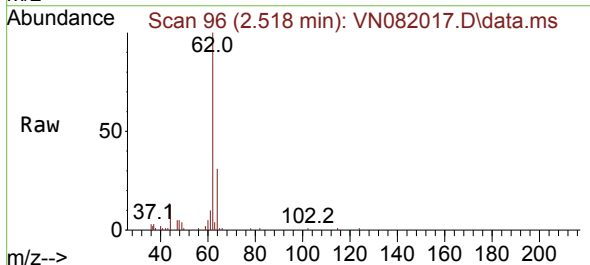
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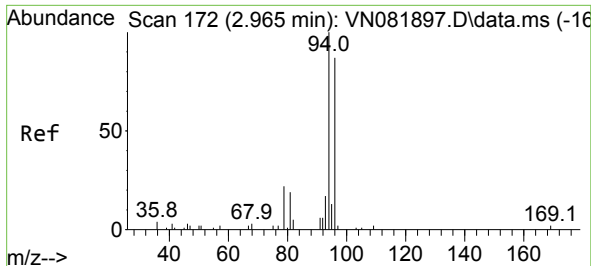
Tgt Ion: 50 Resp: 40486
Ion Ratio Lower Upper
50 100
52 29.4 25.4 38.0



#4
Vinyl Chloride
Concen: 20.124 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 62 Resp: 38635
Ion Ratio Lower Upper
62 100
64 29.9 24.1 36.1

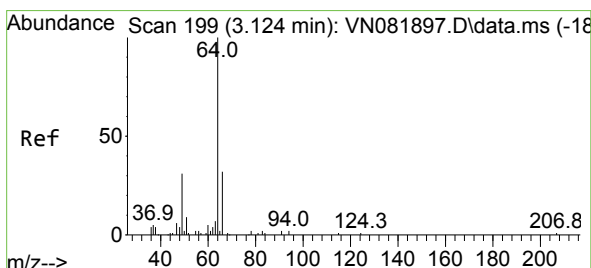
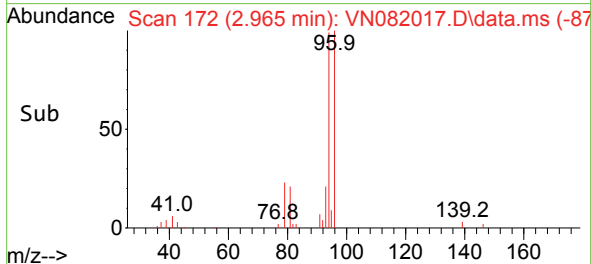
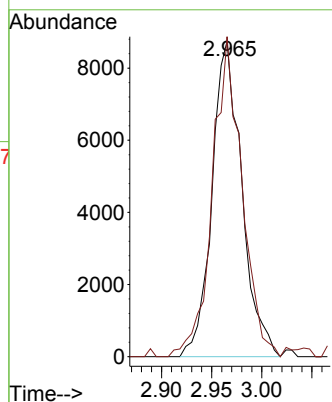
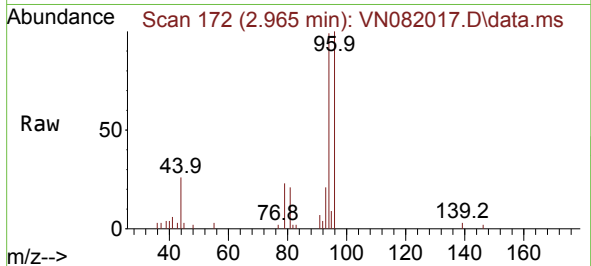




#5
Bromomethane
Concen: 18.002 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

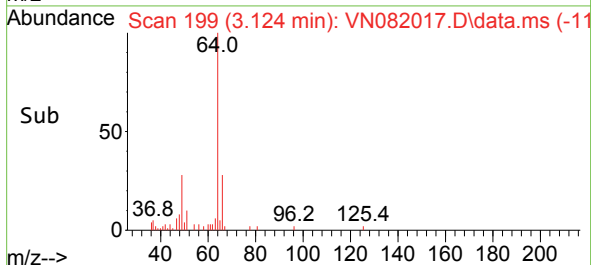
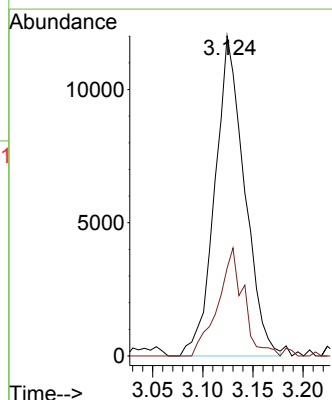
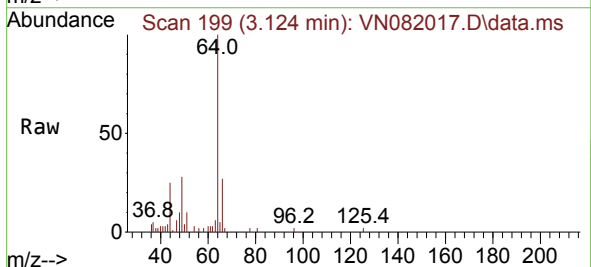
Instrument :
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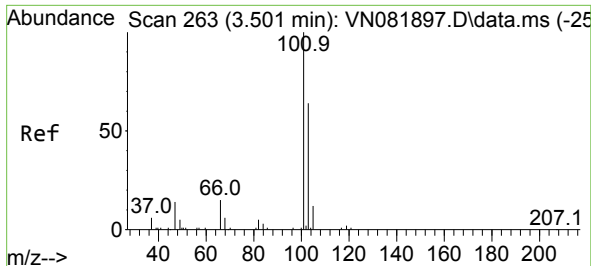
Tgt Ion: 94 Resp: 18035
Ion Ratio Lower Upper
94 100
96 101.4 72.8 109.2



#6
Chloroethane
Concen: 22.692 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 64 Resp: 24670
Ion Ratio Lower Upper
64 100
66 27.4 26.7 40.1

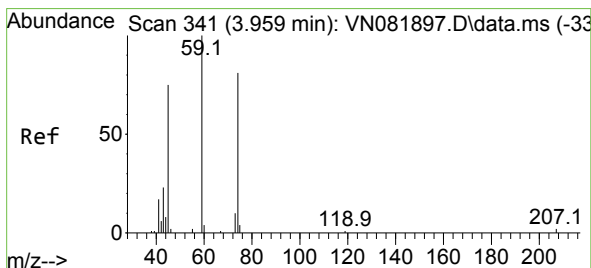
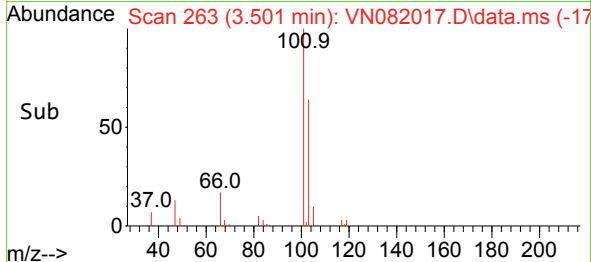
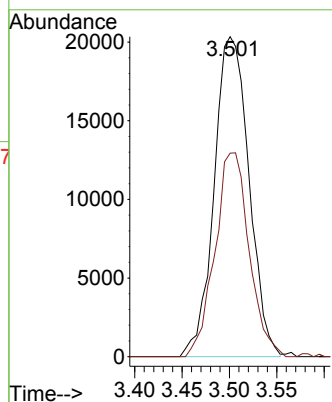
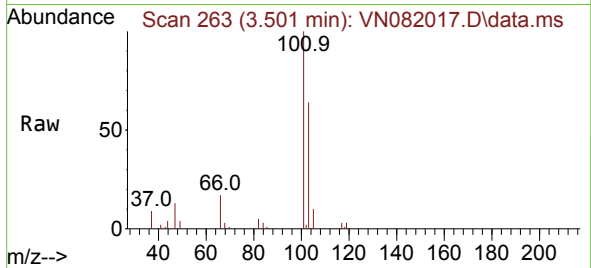




#7
 Trichlorofluoromethane
 Concen: 18.512 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082017.D
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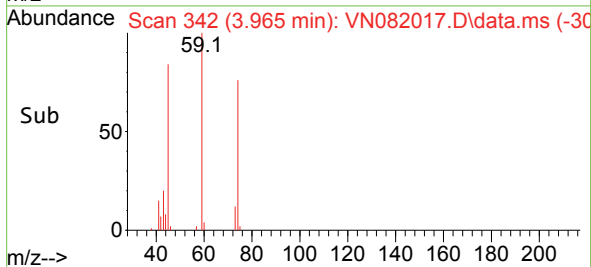
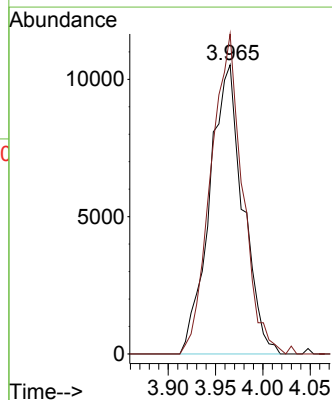
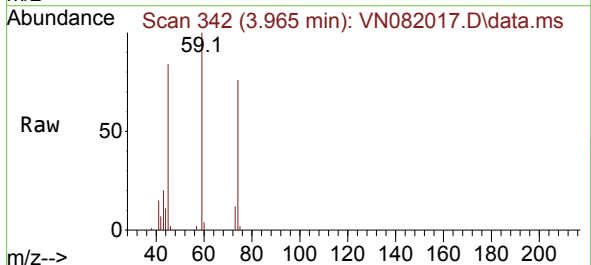
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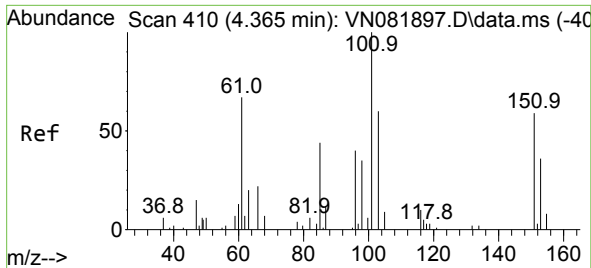
Tgt Ion:101 Resp: 52006
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.0 79.4



#8
 Diethyl Ether
 Concen: 19.029 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN082017.D
 Acq: 07 May 2024 10:40

Tgt Ion: 74 Resp: 25878
 Ion Ratio Lower Upper
 74 100
 45 105.0 16.4 147.4

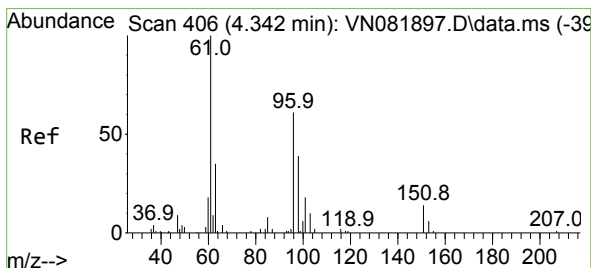
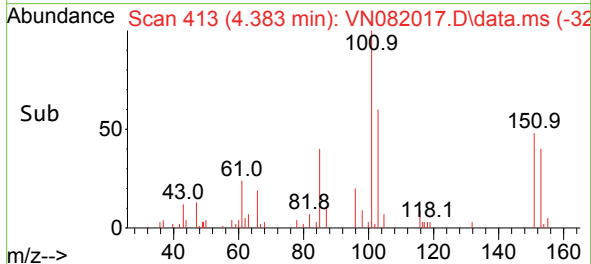
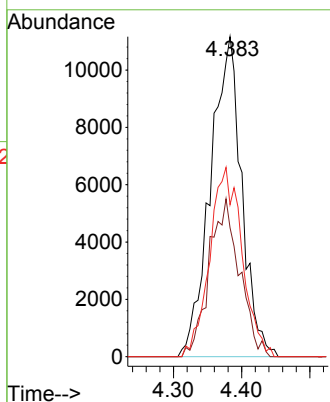
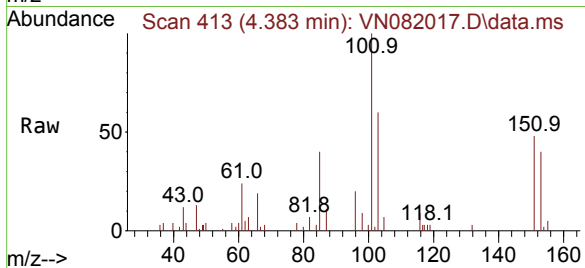




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.433 ug/l
RT: 4.383 min Scan# 410
Delta R.T. 0.018 min
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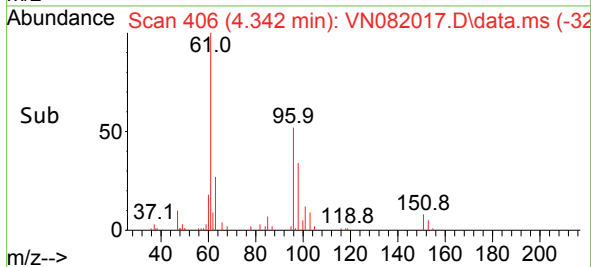
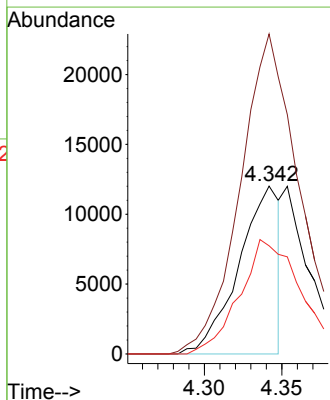
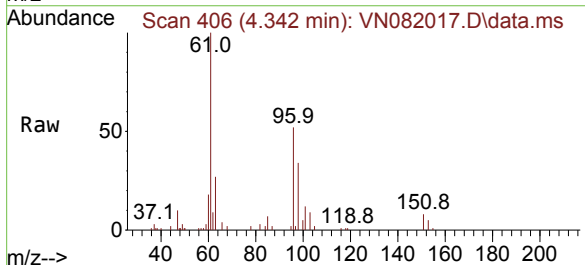
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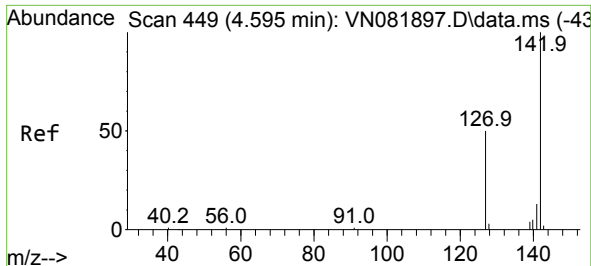
Tgt Ion:101 Resp: 35501
Ion Ratio Lower Upper
101 100
85 39.7 0.0 90.6
151 39.2 0.0 157.6



#10
1,1-Dichloroethene
Concen: 11.713 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

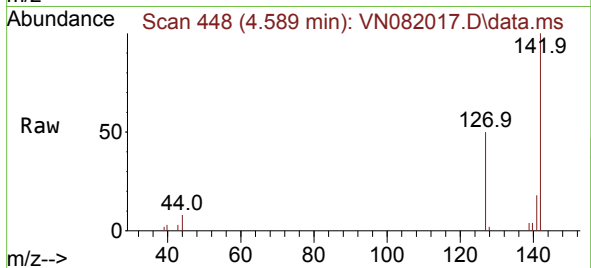
Tgt Ion: 96 Resp: 22069
Ion Ratio Lower Upper
96 100
61 189.1 117.6 176.4#
98 64.4 48.4 72.6



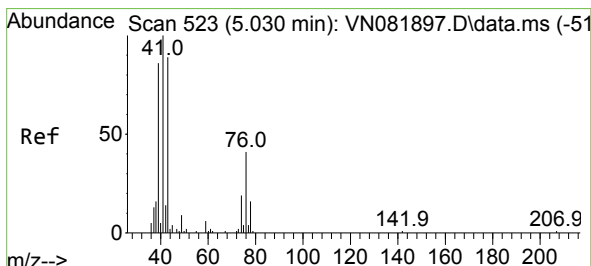
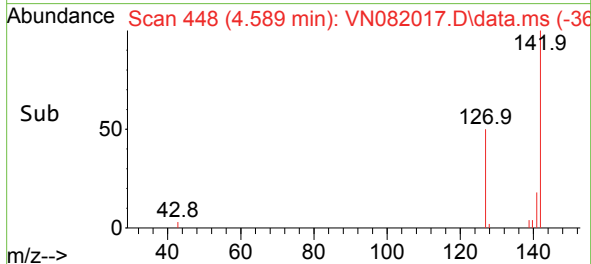
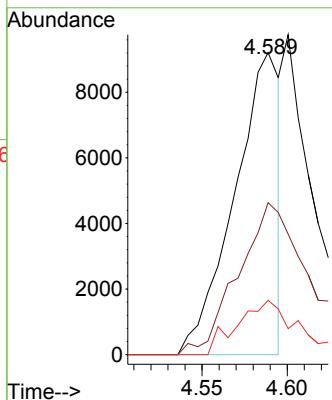


#11
Methyl Iodide
Concen: 9.906 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

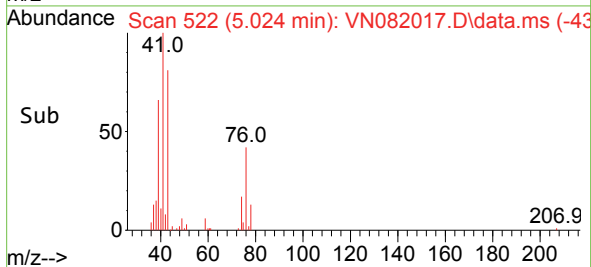
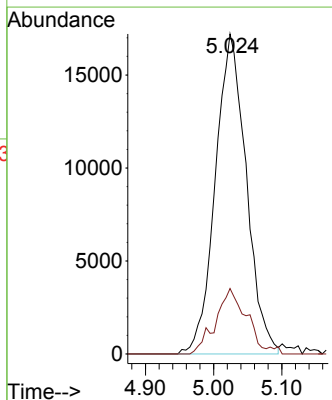
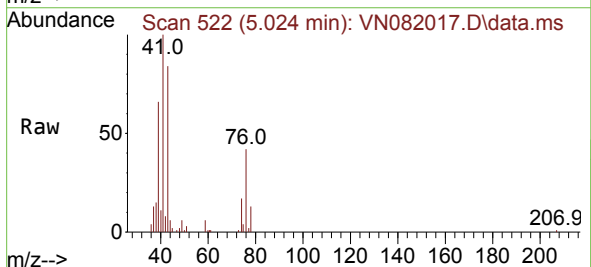


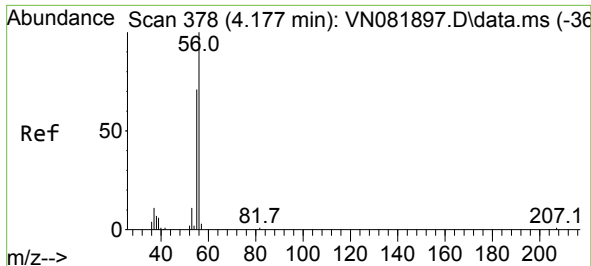
Tgt Ion:142 Resp: 17057
Ion Ratio Lower Upper
142 100
127 49.4 26.3 78.9
141 19.2 8.3 24.9



#12
Methyl Acetate
Concen: 23.022 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 43 Resp: 54316
Ion Ratio Lower Upper
43 100
74 19.5 27.7 41.5#

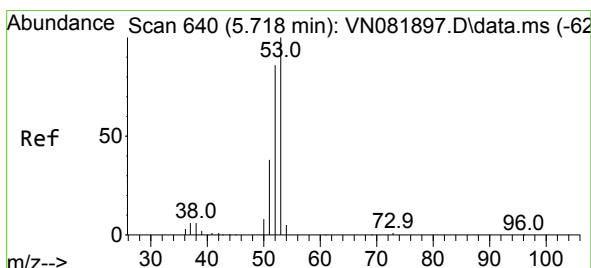
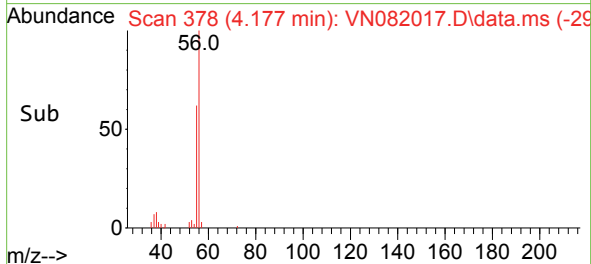
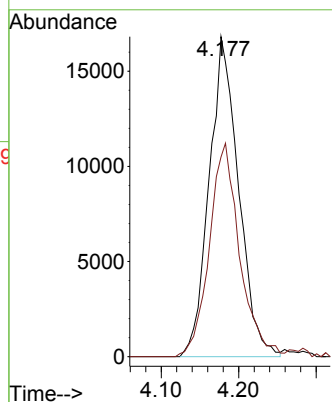
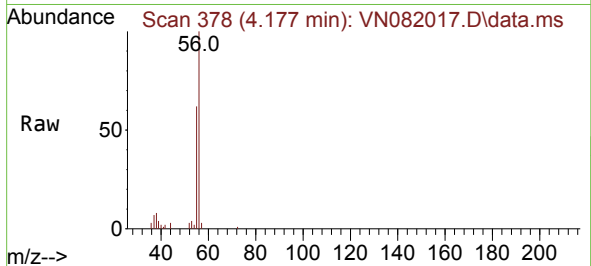




#13
Acrolein
Concen: 88.468 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

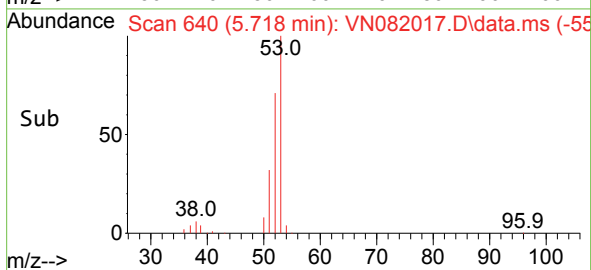
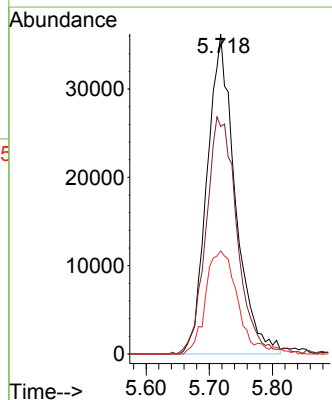
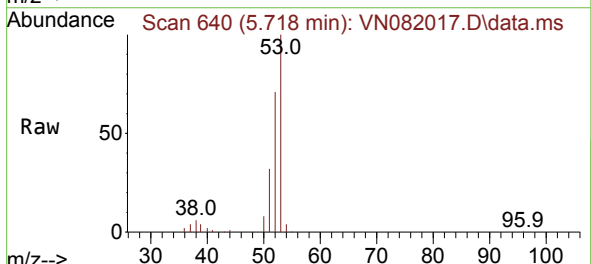
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

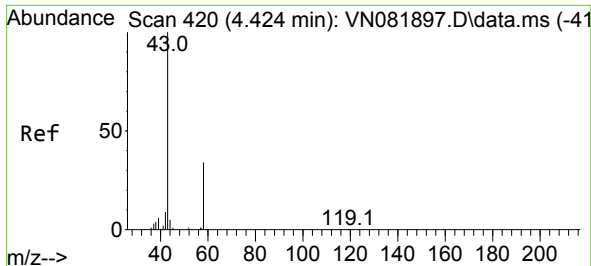
Tgt Ion: 56 Resp: 44360
Ion Ratio Lower Upper
56 100
55 67.6 55.5 83.3



#14
Acrylonitrile
Concen: 104.261 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 53 Resp: 112265
Ion Ratio Lower Upper
53 100
52 80.7 41.3 123.9
51 34.9 16.8 50.3





#15

Acetone

Concen: 1.243 ug/l

RT: 3.959 min Scan# 34

Delta R.T. -0.465 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

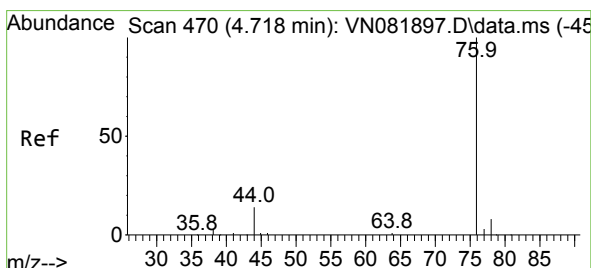
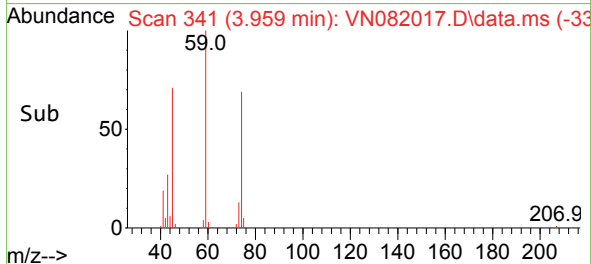
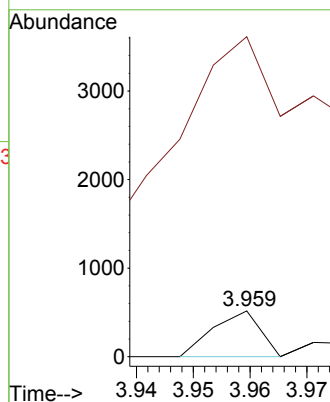
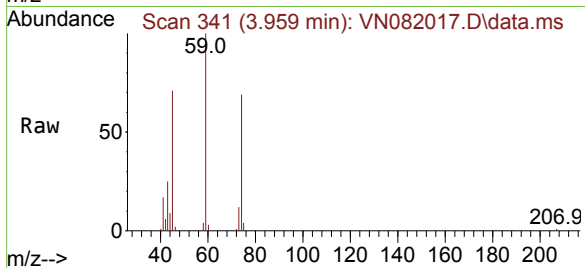
VN0507WBSD01

Tgt Ion: 58 Resp: 300

Ion Ratio Lower Upper

58 100

43 223.7 223.1 334.7



#16

Carbon Disulfide

Concen: 17.800 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN082017.D

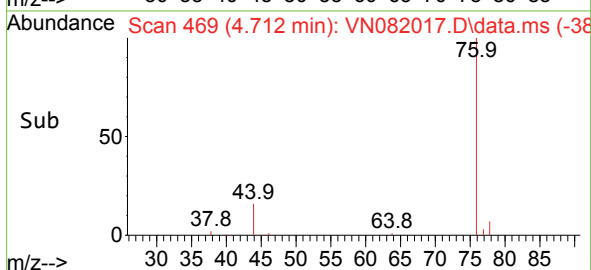
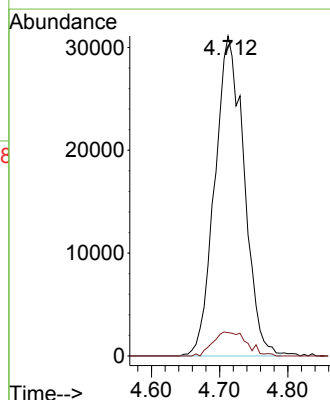
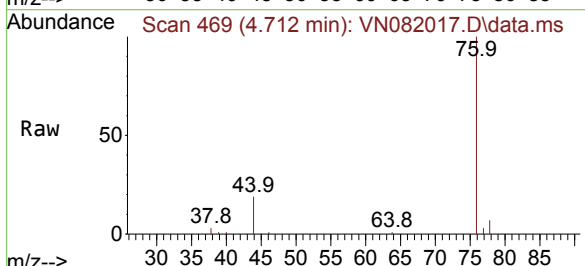
Acq: 07 May 2024 10:40

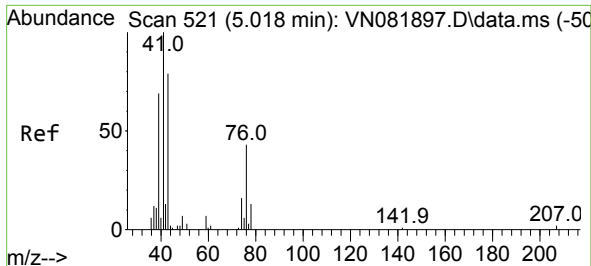
Tgt Ion: 76 Resp: 92916

Ion Ratio Lower Upper

76 100

78 7.3 6.3 9.5





#17

Allyl chloride

Concen: 19.418 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

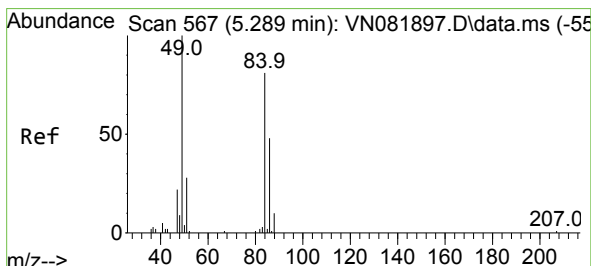
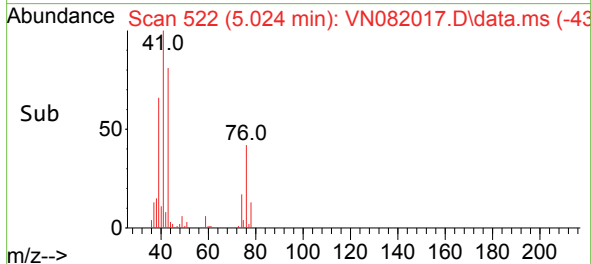
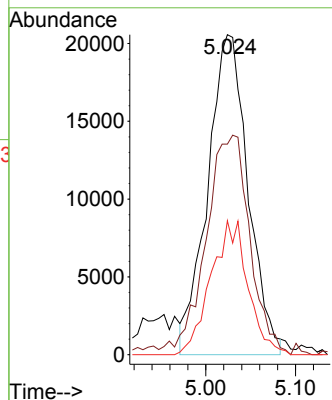
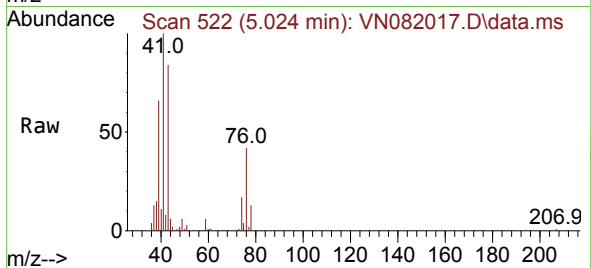
Tgt Ion: 41 Resp: 64235

Ion Ratio Lower Upper

41 100

39 66.9 37.6 112.9

76 43.2 27.8 83.4



#18

Methylene Chloride

Concen: 19.394 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.012 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Tgt Ion: 84 Resp: 41578

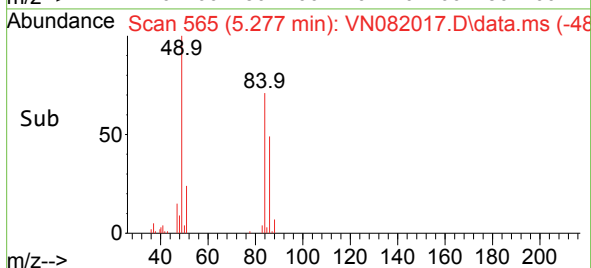
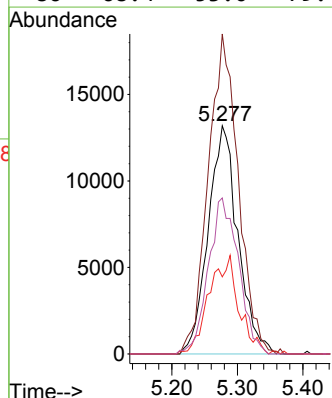
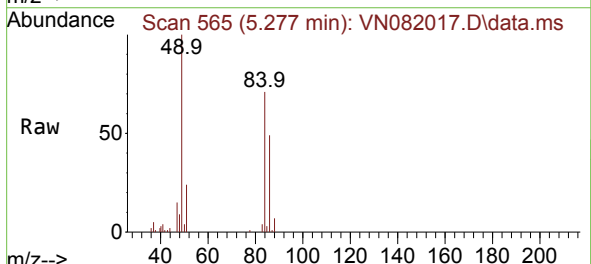
Ion Ratio Lower Upper

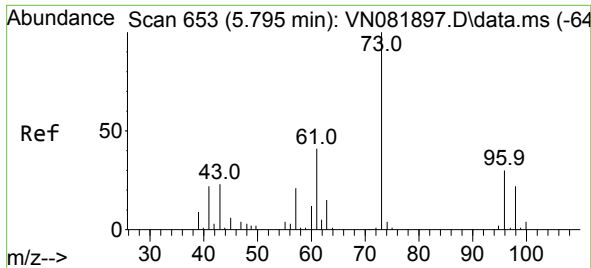
84 100

49 140.3 86.0 129.0#

51 33.8 30.0 45.0

86 68.4 53.0 79.4

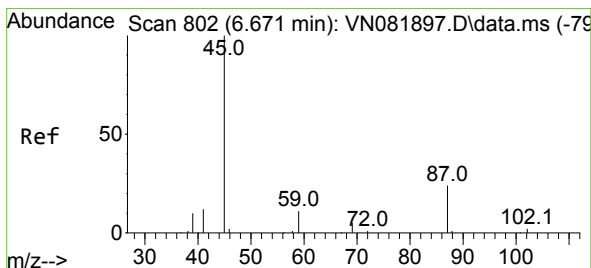
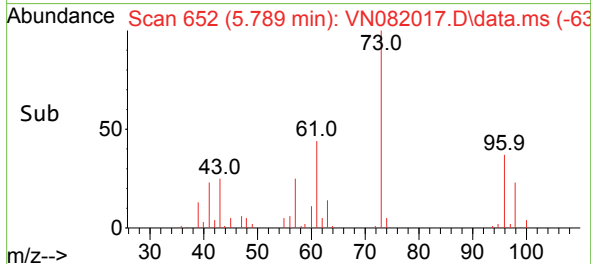
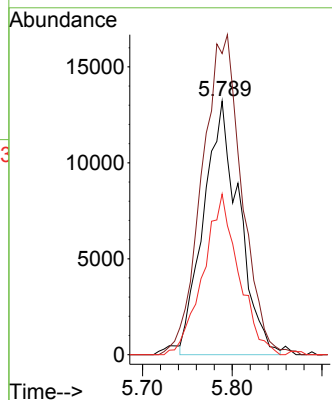
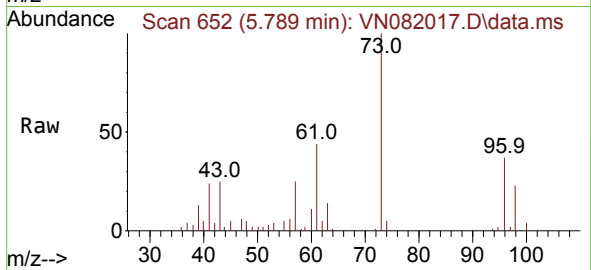




#19
trans-1,2-Dichloroethene
Concen: 18.560 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

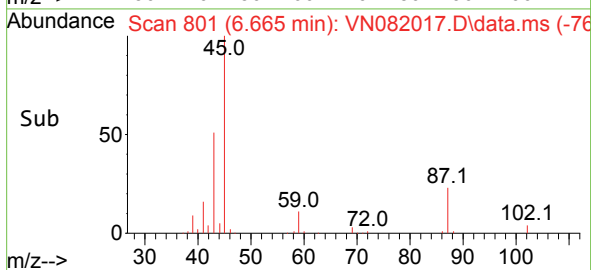
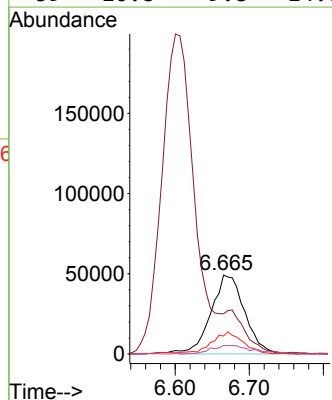
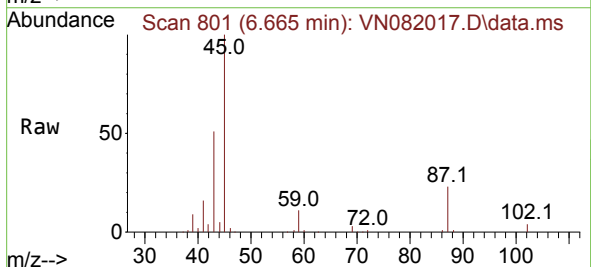
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

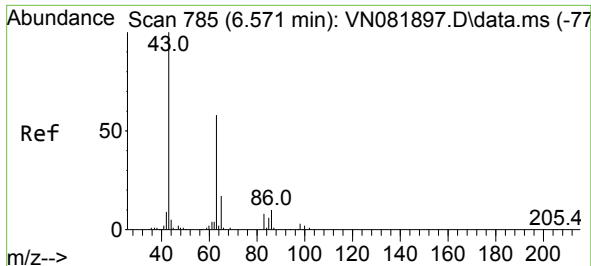
Tgt Ion: 96 Resp: 36400
Ion Ratio Lower Upper
96 100
61 118.8 111.8 167.6
98 64.5 49.2 73.8



#20
Diisopropyl ether
Concen: 20.930 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 45 Resp: 153187
Ion Ratio Lower Upper
45 100
43 50.1 40.4 60.6
87 22.2 23.8 35.8#
59 10.8 9.8 14.6

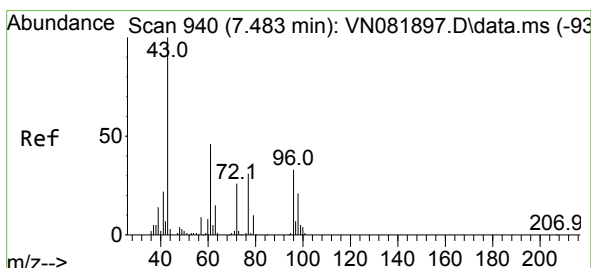
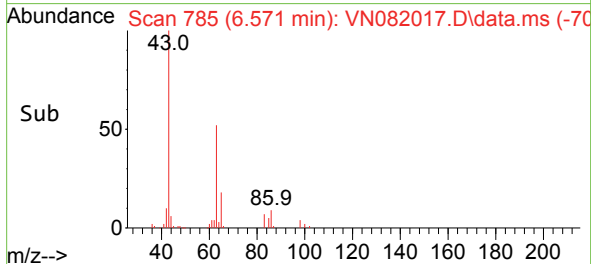
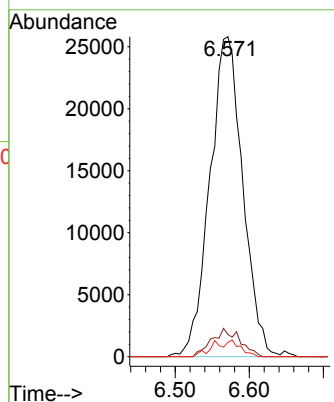
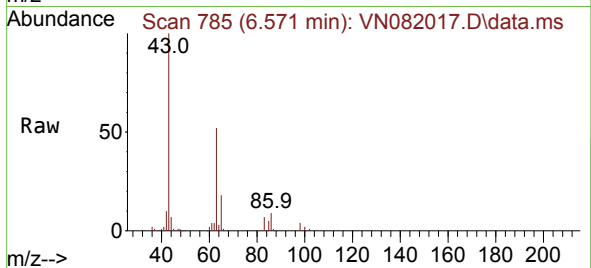




#21
1,1-Dichloroethane
Concen: 20.519 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

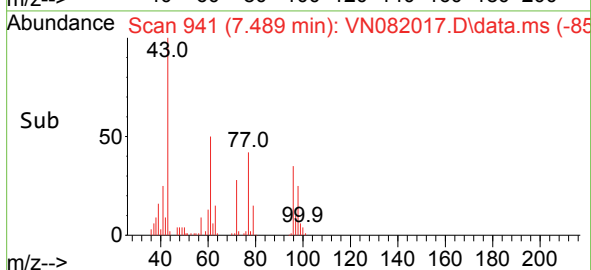
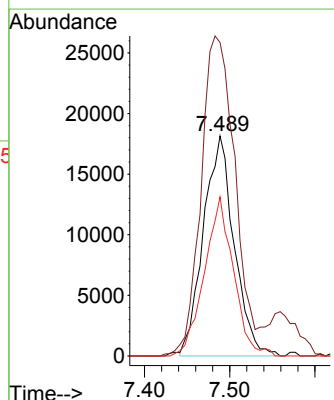
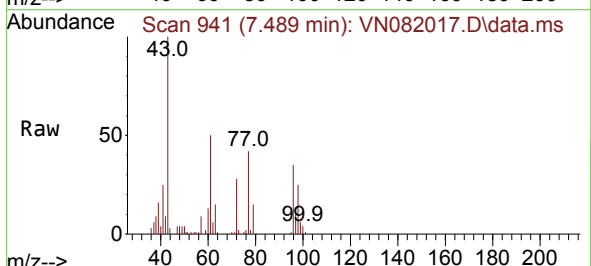
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

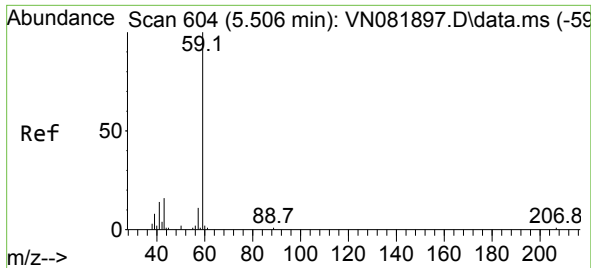
Tgt Ion:	63	Resp:	79523
Ion	Ratio	Lower	Upper
63	100		
98	7.0	4.1	12.3
100	4.5	3.0	9.0



#22
cis-1,2-Dichloroethene
Concen: 19.059 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion:	96	Resp:	45551
Ion	Ratio	Lower	Upper
96	100		
61	159.1	113.5	170.3
98	67.4	52.0	78.0

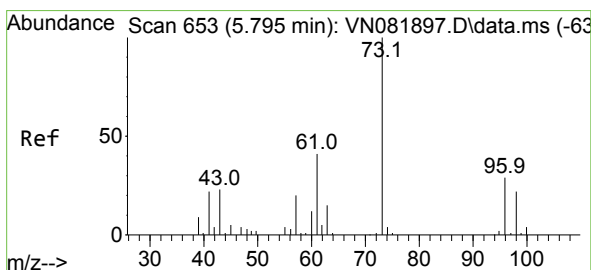
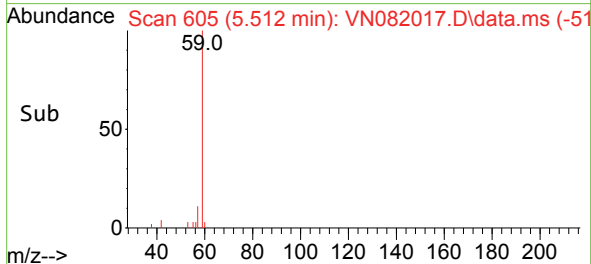
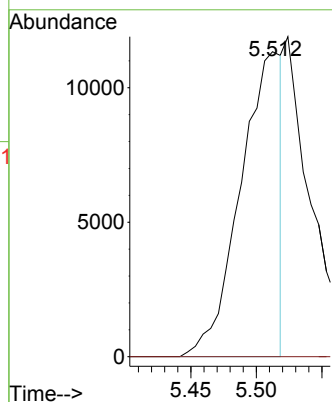
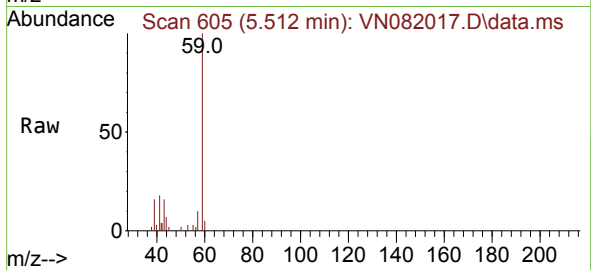




#23
tert-Butyl Alcohol
Concen: 56.044 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

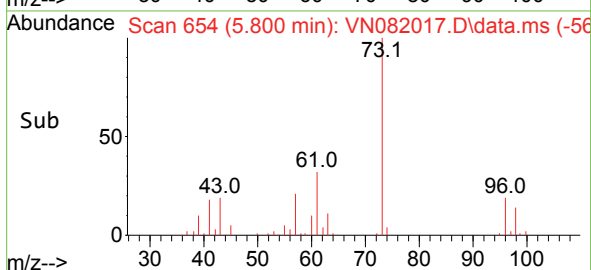
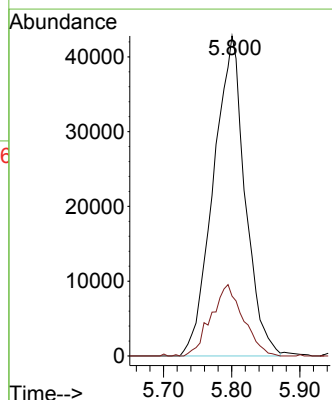
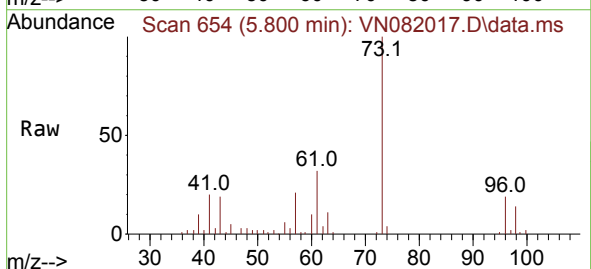
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

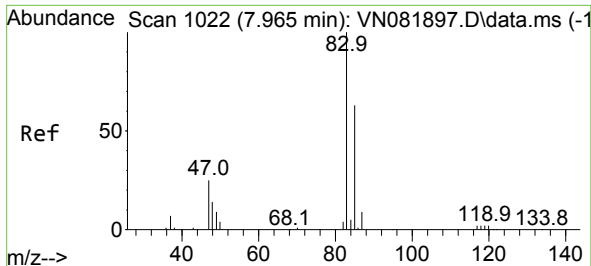
Tgt Ion: 59 Resp: 24857
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.349 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 73 Resp: 138232
Ion Ratio Lower Upper
73 100
43 22.6 13.4 20.2#

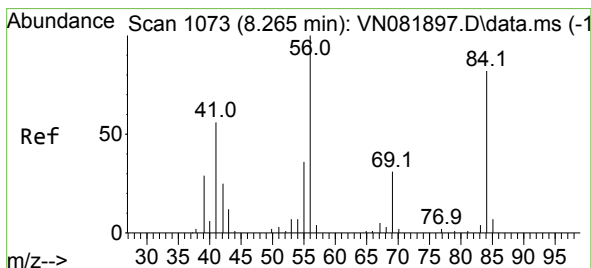
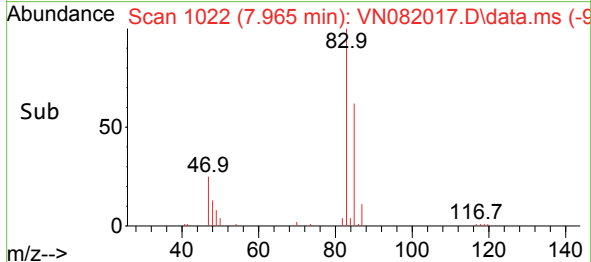
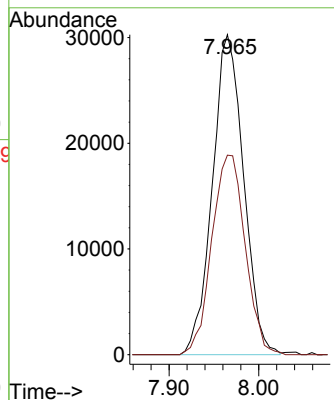
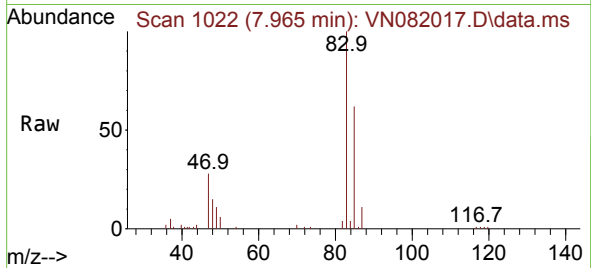




#25
Chloroform
Concen: 19.647 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

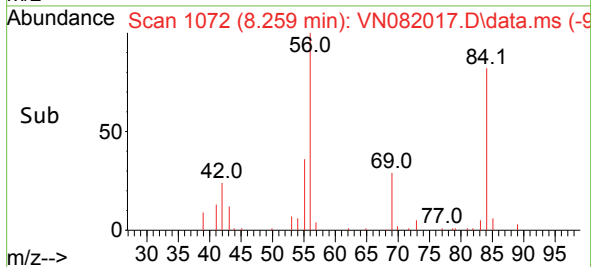
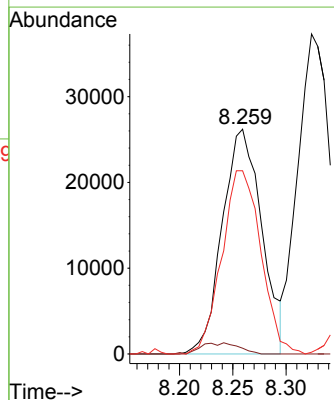
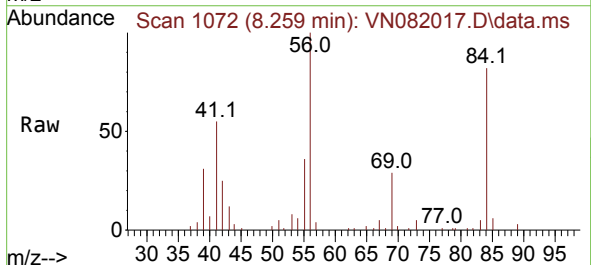
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

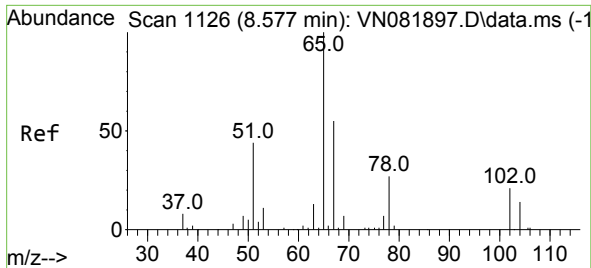
Tgt Ion: 83 Resp: 73252
Ion Ratio Lower Upper
83 100
85 62.3 50.9 76.3



#26
Cyclohexane
Concen: 20.167 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 56 Resp: 67585
Ion Ratio Lower Upper
56 100
89 2.3 19.3 28.9#
84 80.5 71.3 106.9

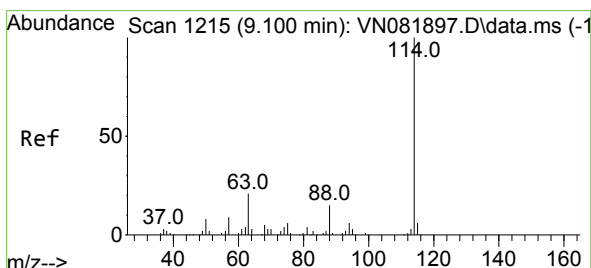
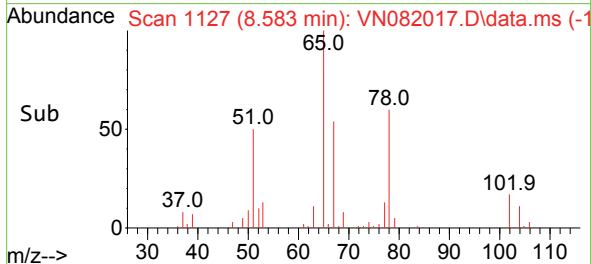
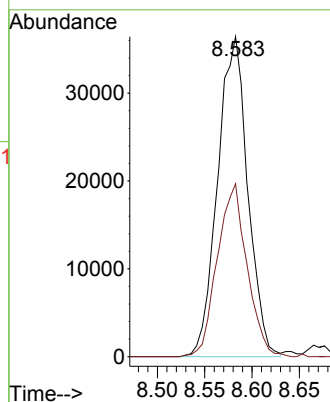
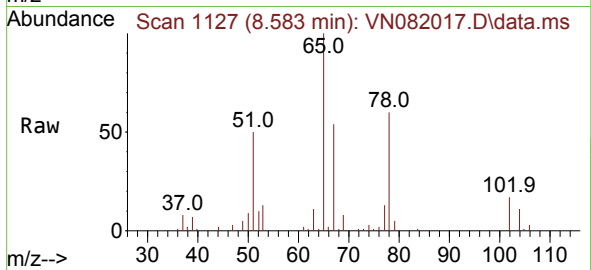




#27
 1,2-Dichloroethane-d4
 Concen: 31.193 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN082017.D
 Acq: 07 May 2024 10:40

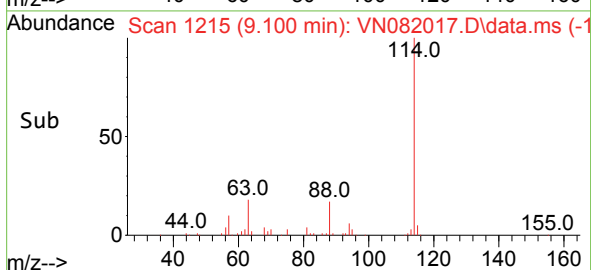
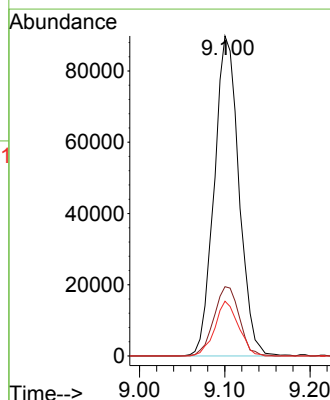
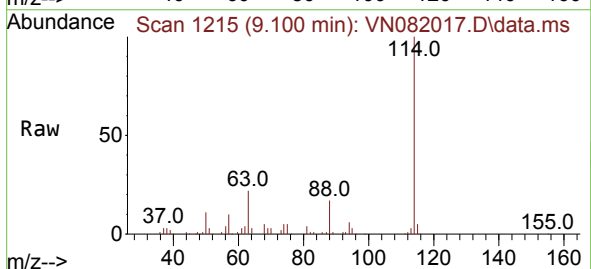
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

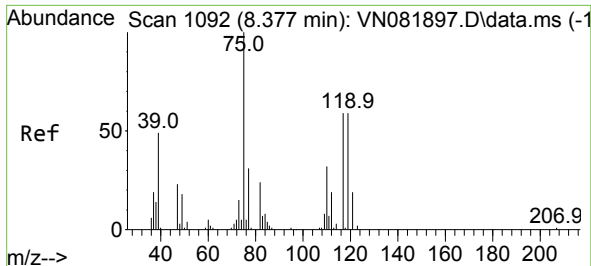
Tgt Ion: 65 Resp: 80625
 Ion Ratio Lower Upper
 65 100
 67 53.2 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN082017.D
 Acq: 07 May 2024 10:40

Tgt Ion: 114 Resp: 181038
 Ion Ratio Lower Upper
 114 100
 63 22.3 15.9 23.9
 88 16.4 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.439 ug/l

RT: 8.371 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

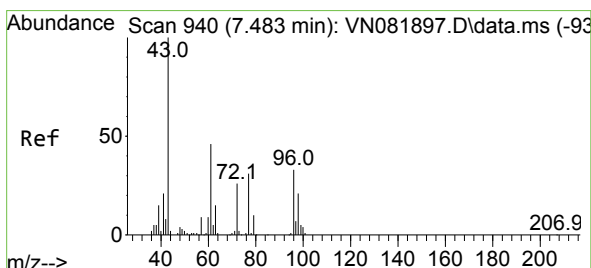
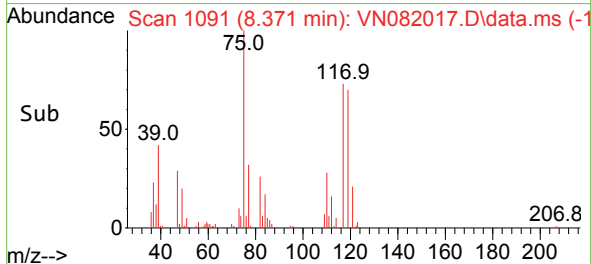
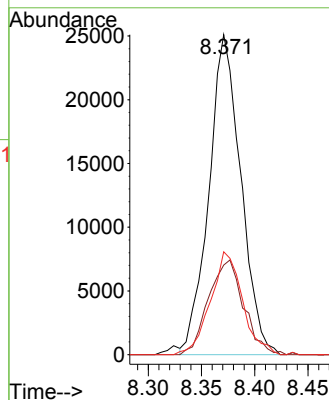
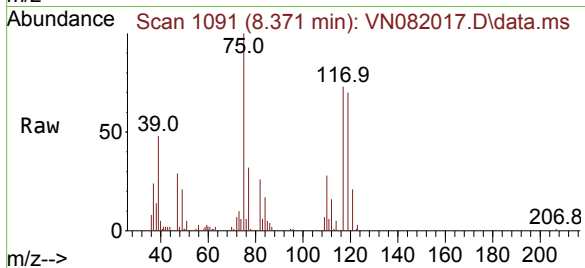
Tgt Ion: 75 Resp: 52392

Ion Ratio Lower Upper

75 100

110 32.5 0.0 70.2

77 32.2 0.0 61.4



#30

2-Butanone

Concen: 104.089 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

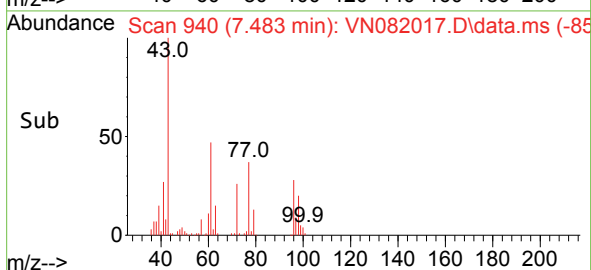
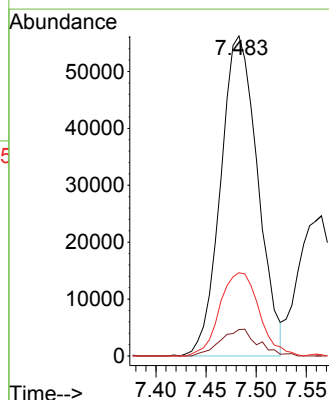
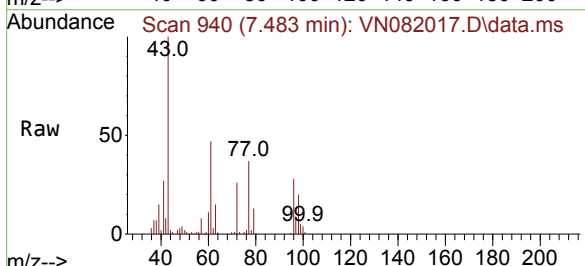
Tgt Ion: 43 Resp: 144611

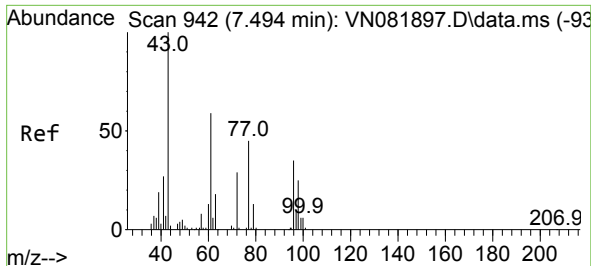
Ion Ratio Lower Upper

43 100

57 8.3 6.7 10.1

72 27.6 24.0 36.0





#31

2,2-Dichloropropane

Concen: 22.984 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

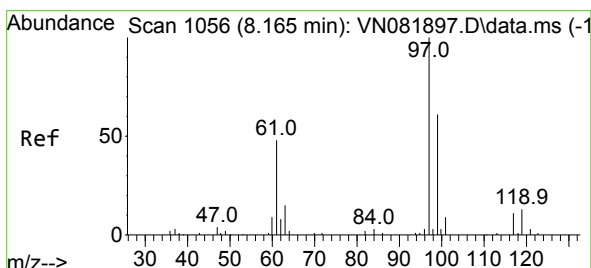
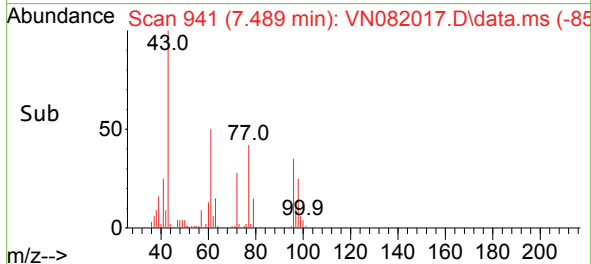
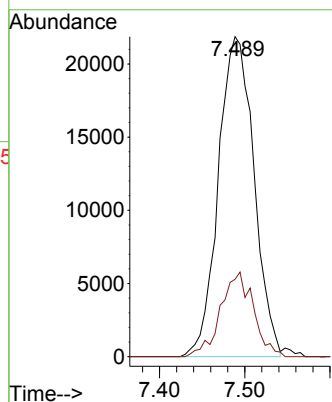
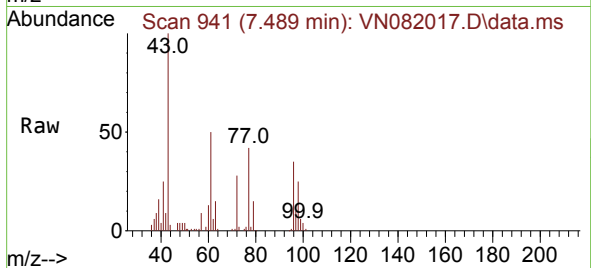
VN0507WBSD01

Tgt Ion: 77 Resp: 63481

Ion Ratio Lower Upper

77 100

97 24.4 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 19.935 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

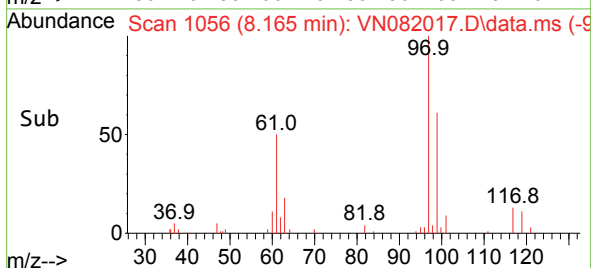
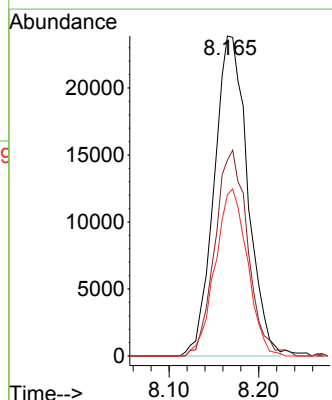
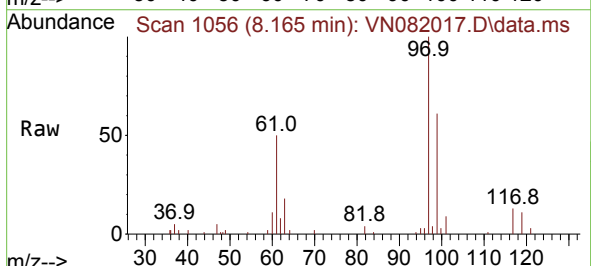
Tgt Ion: 97 Resp: 61794

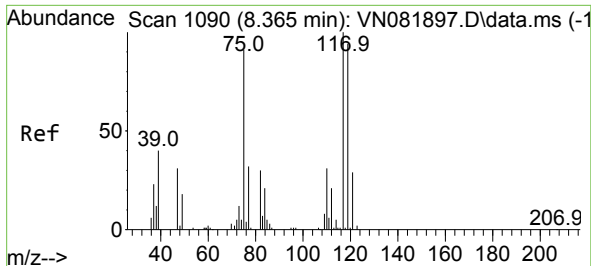
Ion Ratio Lower Upper

97 100

99 62.2 51.0 76.4

61 50.3 33.8 50.8

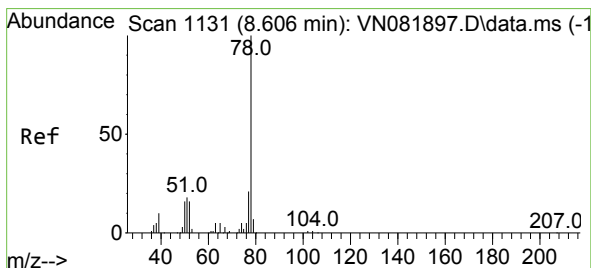
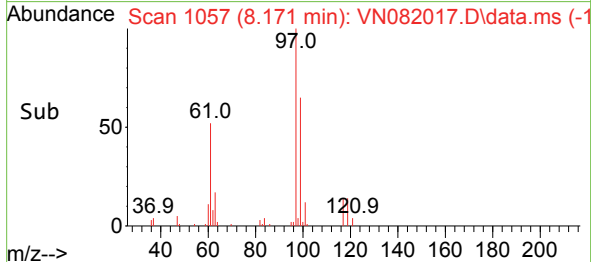
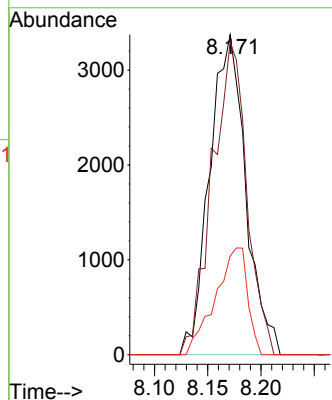
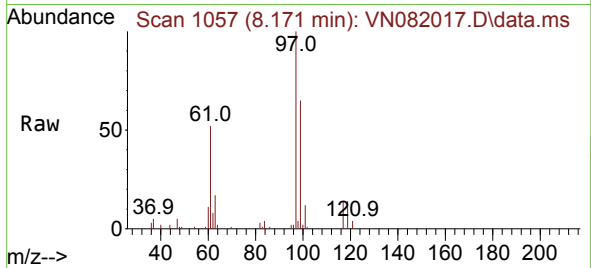




#33
Carbon Tetrachloride
Concen: 3.161 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.194 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

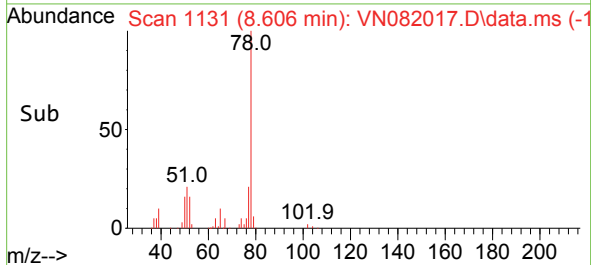
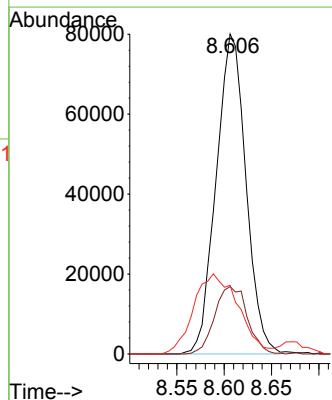
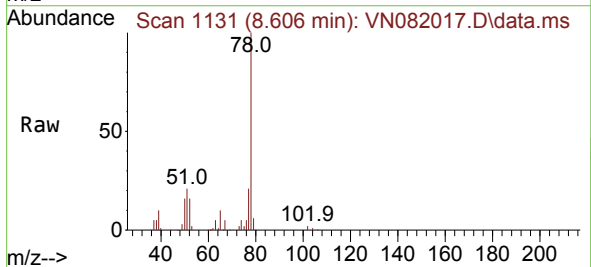
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

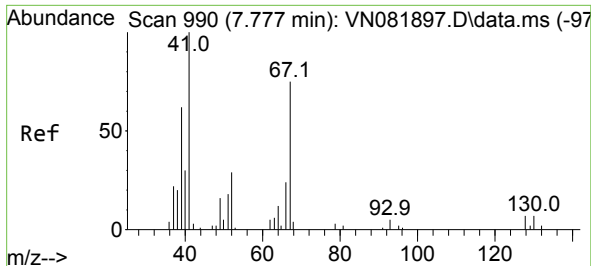
Tgt Ion:117 Resp: 7952
Ion Ratio Lower Upper
117 100
119 97.7 77.7 116.5
121 30.8 27.0 40.6



#34
Benzene
Concen: 20.358 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 78 Resp: 175046
Ion Ratio Lower Upper
78 100
77 21.0 19.2 28.8
51 19.0 13.3 19.9

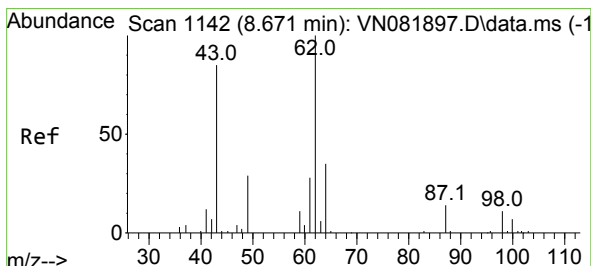
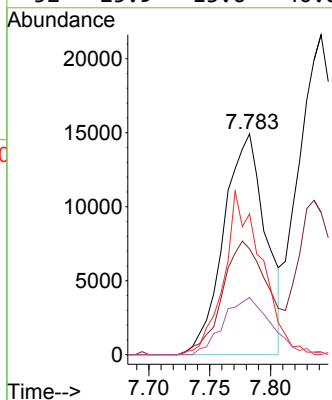
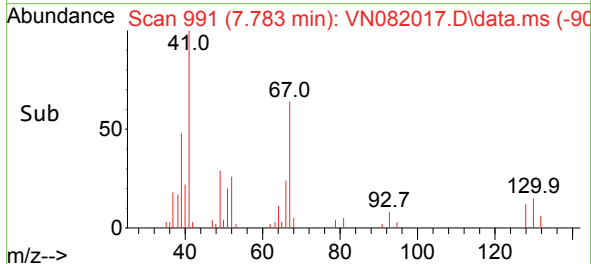
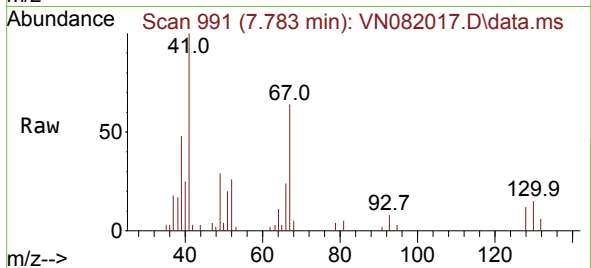




#35
Methacrylonitrile
Concen: 20.347 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

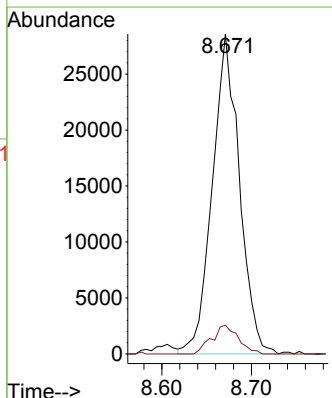
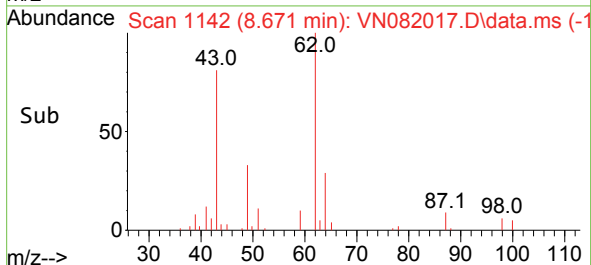
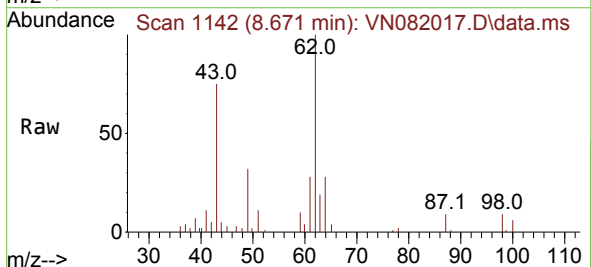
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

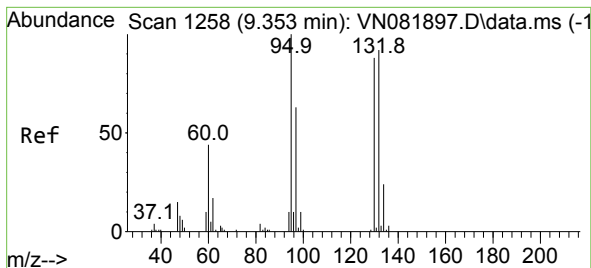
Tgt Ion:	41	Resp:	35764
Ion	Ratio	Lower	Upper
41	100		
39	47.9	25.3	75.9
67	63.8	38.7	116.1
52	25.9	13.6	40.8



#36
1,2-Dichloroethane
Concen: 20.709 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion:	62	Resp:	59775
Ion	Ratio	Lower	Upper
62	100		
98	6.6	8.2	12.4





#37

Trichloroethene

Concen: 17.139 ug/l

RT: 9.353 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

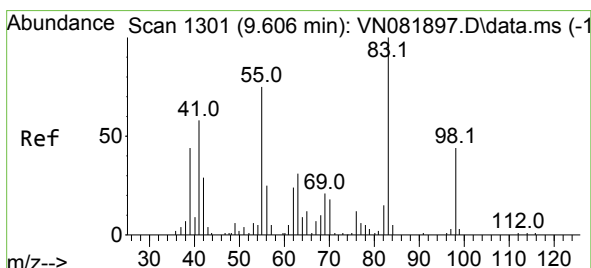
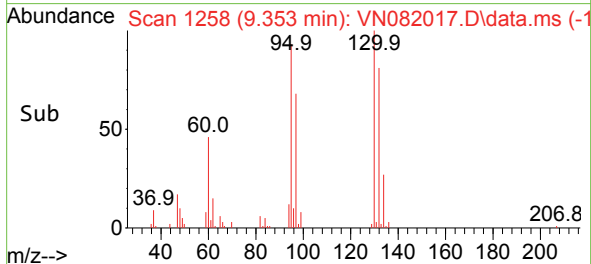
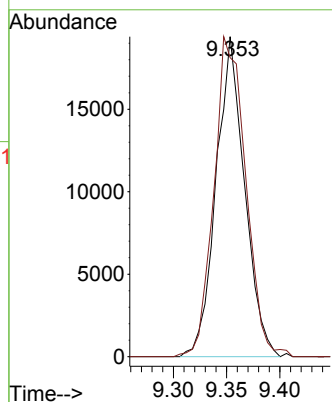
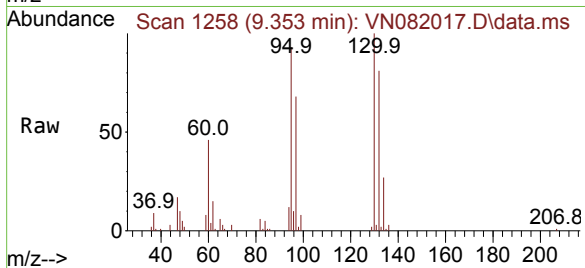
VN0507WBSD01

Tgt Ion:130 Resp: 36095

Ion Ratio Lower Upper

130 100

95 92.7 80.2 120.4



#38

Methylcyclohexane

Concen: 19.436 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

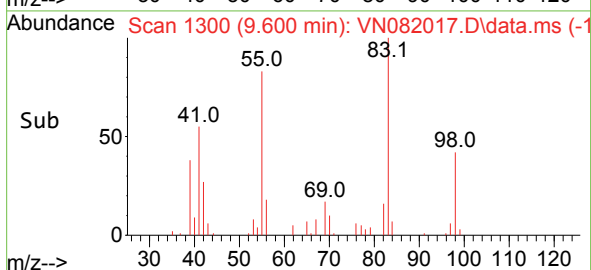
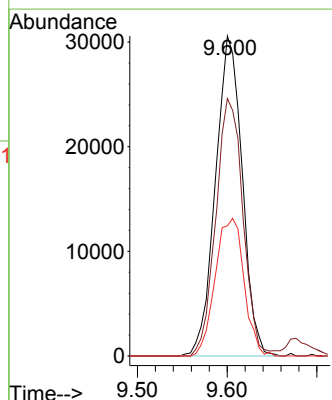
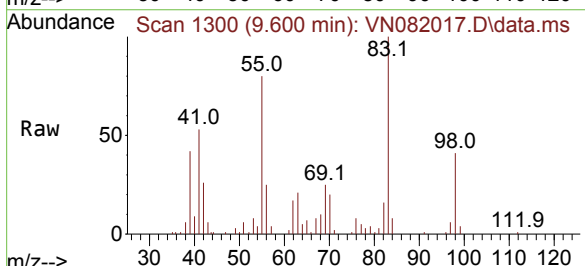
Tgt Ion: 83 Resp: 63281

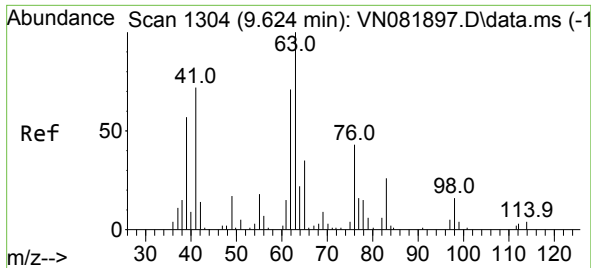
Ion Ratio Lower Upper

83 100

55 81.9 36.6 109.9

98 46.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.307 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

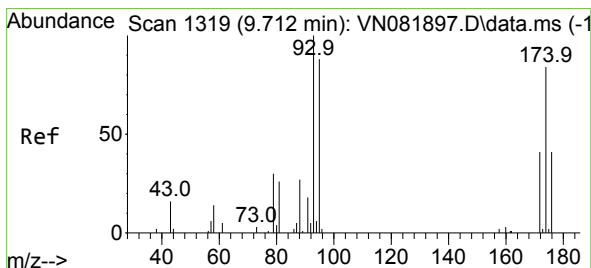
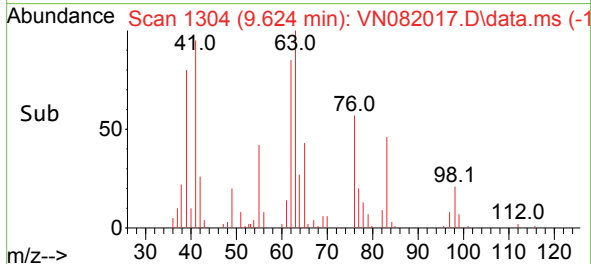
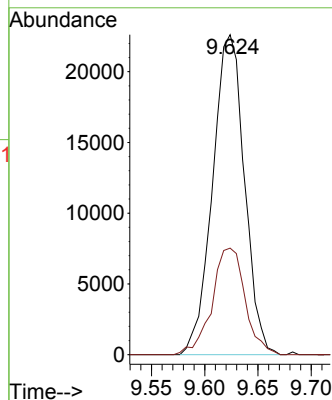
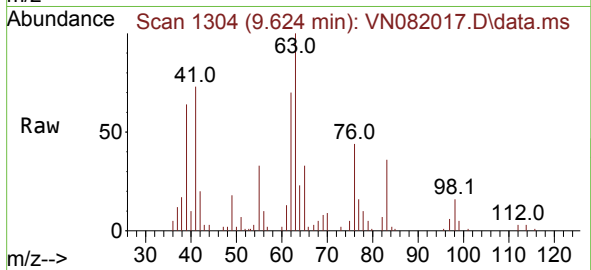
VN0507WBSD01

Tgt Ion: 63 Resp: 47009

Ion Ratio Lower Upper

63 100

65 33.3 25.0 37.4



#40

Dibromomethane

Concen: 20.019 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

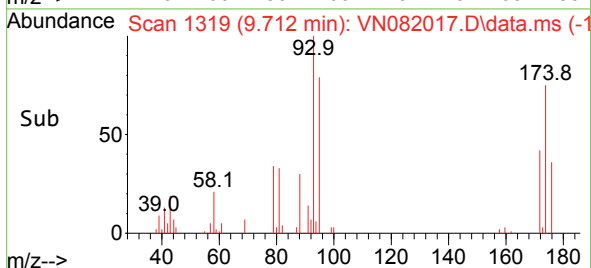
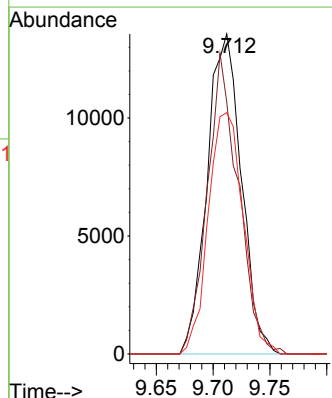
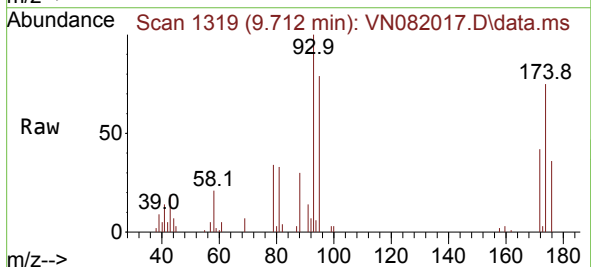
Tgt Ion: 93 Resp: 28374

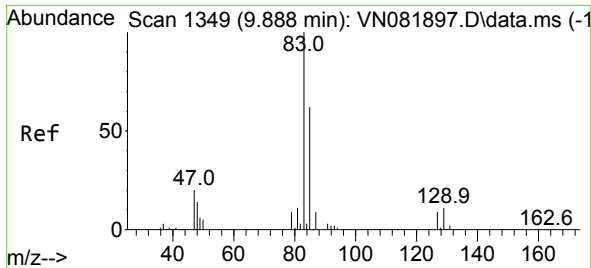
Ion Ratio Lower Upper

93 100

95 85.2 0.0 164.6

174 77.2 0.0 193.2

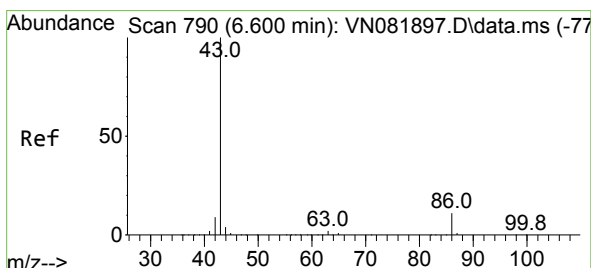
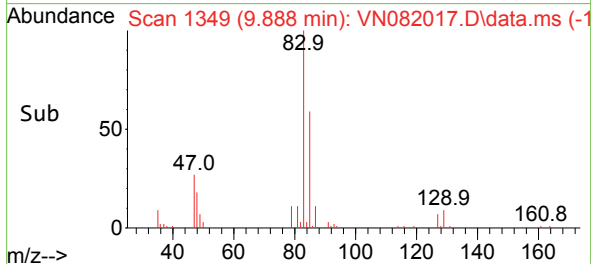
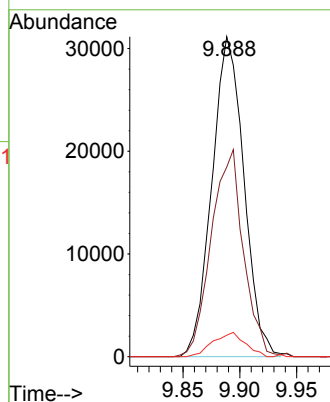
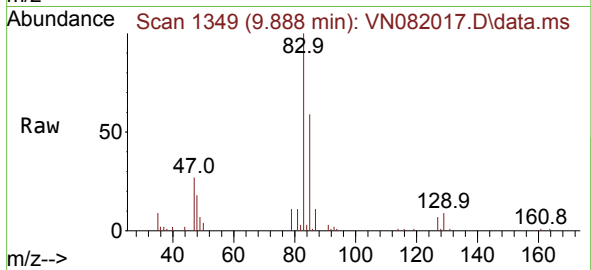




#41
Bromodichloromethane
Concen: 20.186 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

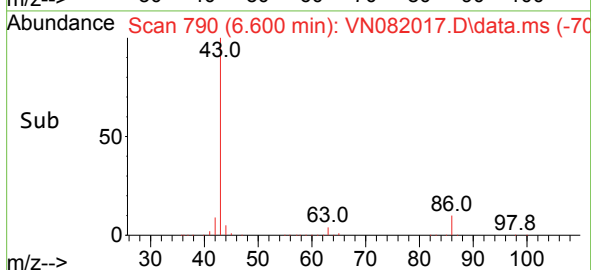
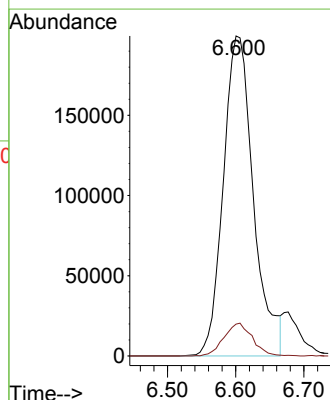
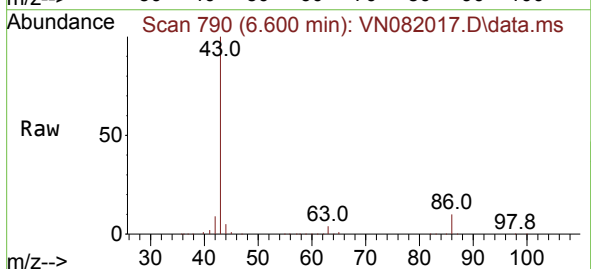
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

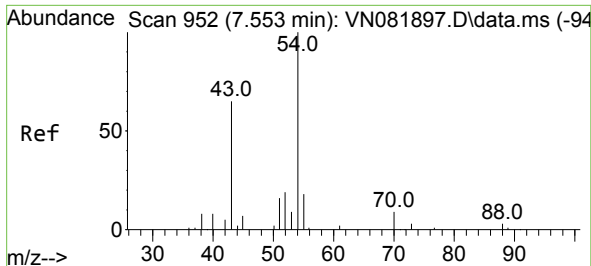
Tgt Ion: 83 Resp: 61150
Ion Ratio Lower Upper
83 100
85 58.7 49.4 74.2
127 6.7 7.3 10.9#



#42
Vinyl Acetate
Concen: 103.909 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 43 Resp: 614452
Ion Ratio Lower Upper
43 100
86 9.7 9.4 14.2

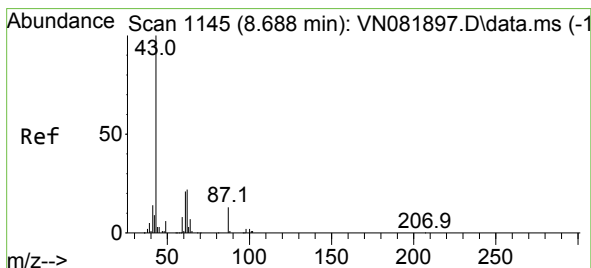
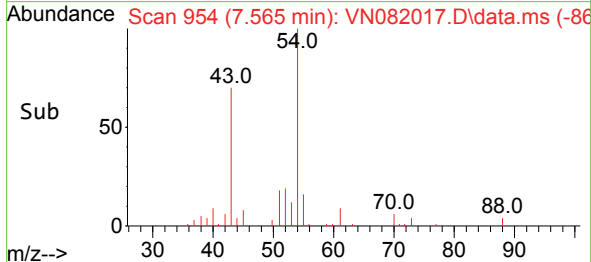
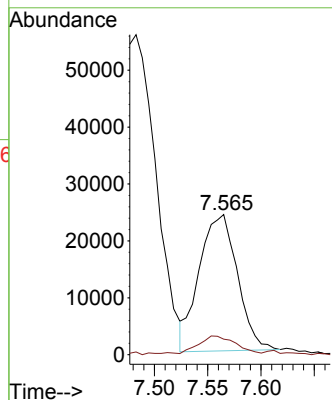
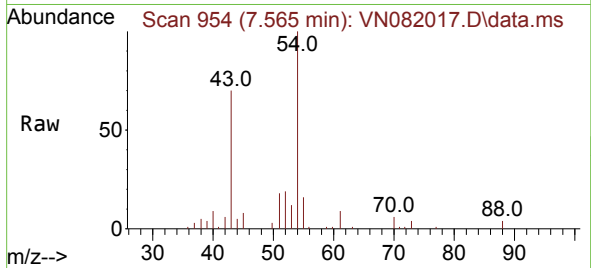




#43
Ethyl Acetate
Concen: 19.755 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

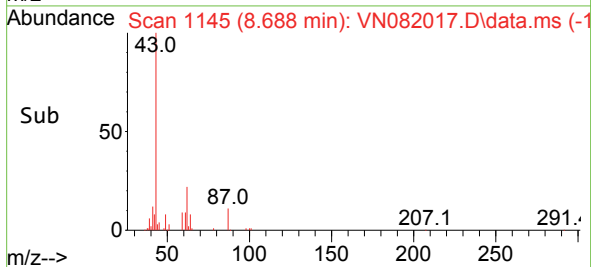
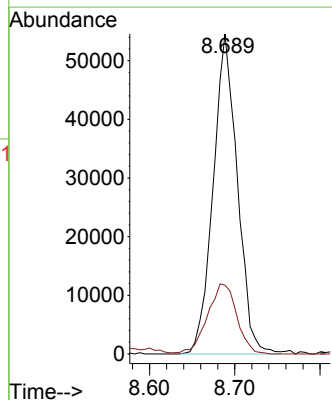
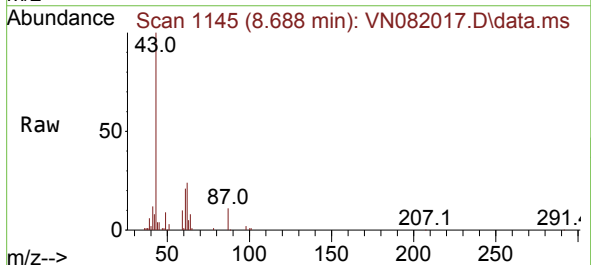
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

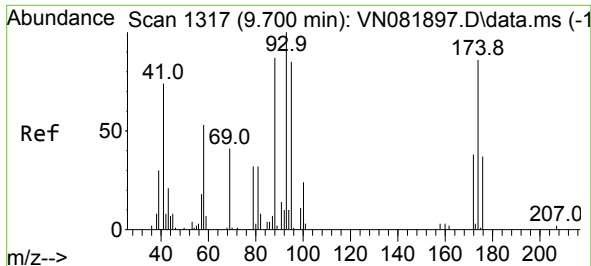
Tgt Ion: 43 Resp: 59842
Ion Ratio Lower Upper
43 100
45 13.6 10.6 15.8



#44
Isopropyl Acetate
Concen: 20.007 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 43 Resp: 107592
Ion Ratio Lower Upper
43 100
61 26.5 25.0 37.4

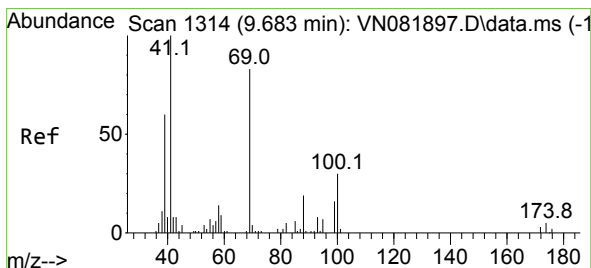
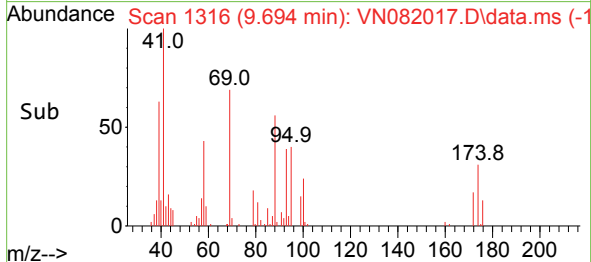
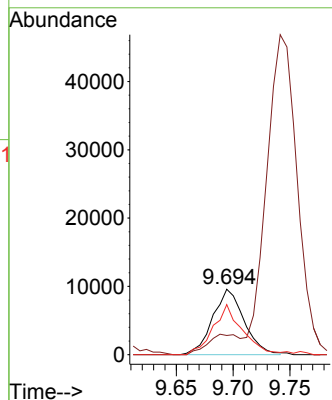
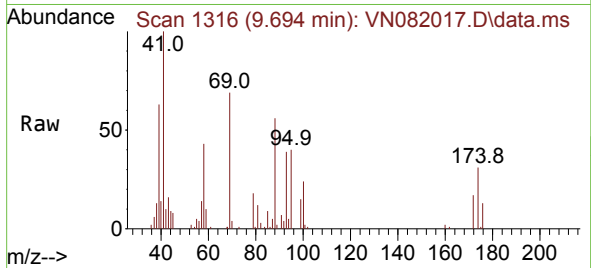




#45
1,4-Dioxane
Concen: 428.450 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

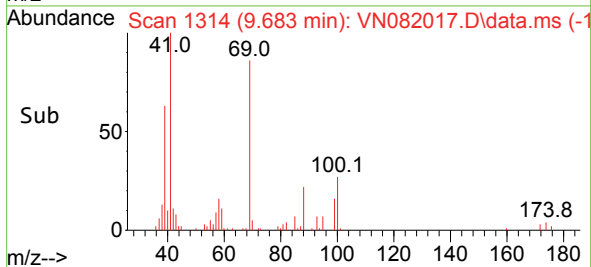
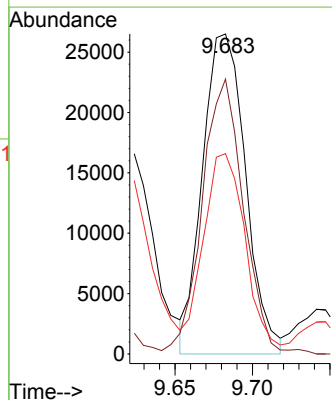
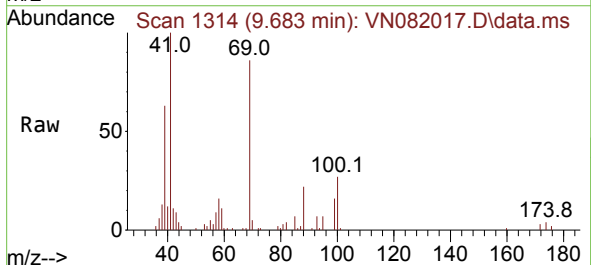
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

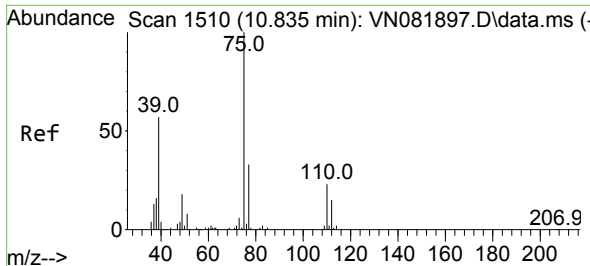
Tgt Ion: 88 Resp: 18478
Ion Ratio Lower Upper
88 100
43 31.1 19.8 29.6#
58 70.8 55.4 83.0



#46
Methyl methacrylate
Concen: 20.829 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 41 Resp: 51175
Ion Ratio Lower Upper
41 100
69 89.0 51.1 153.3
39 62.9 25.8 77.3

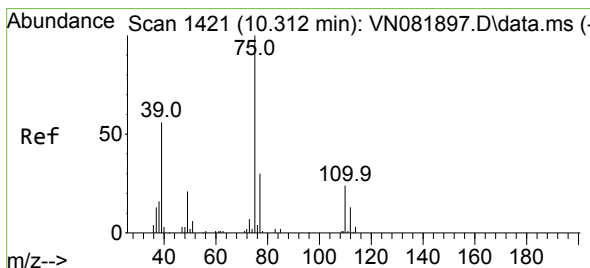
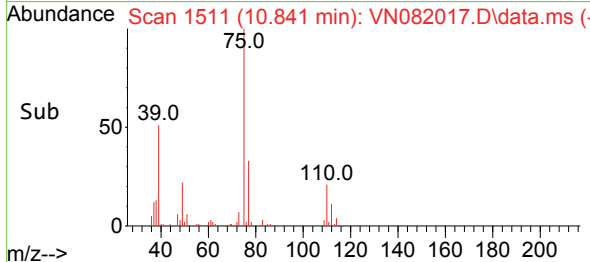
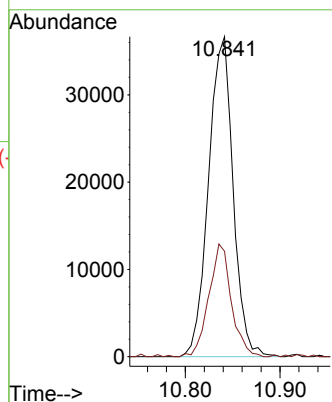
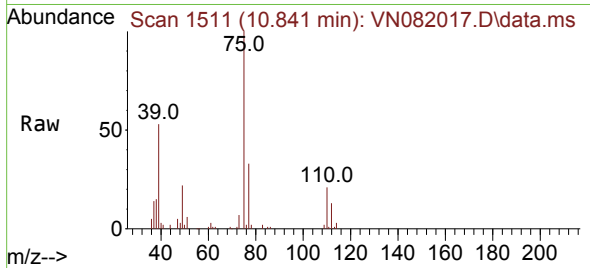




#48
t-1,3-Dichloropropene
Concen: 20.076 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

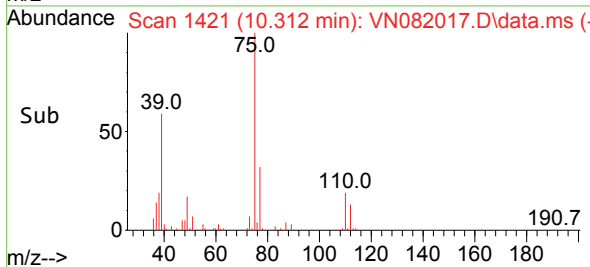
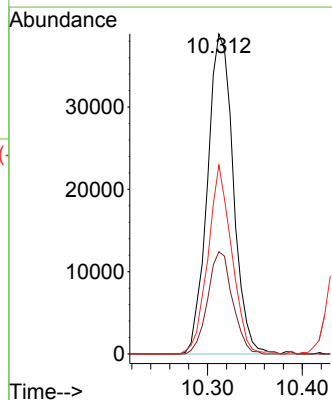
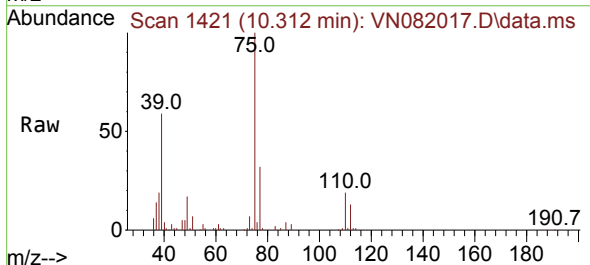
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

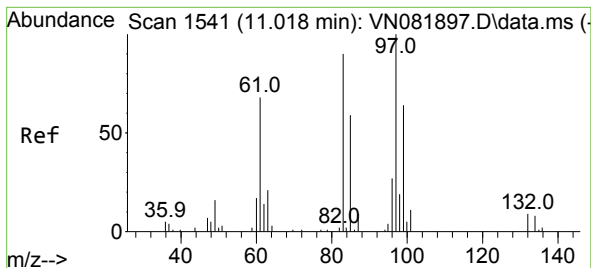
Tgt Ion: 75 Resp: 65952
Ion Ratio Lower Upper
75 100
77 33.0 23.8 35.6



#49
cis-1,3-Dichloropropene
Concen: 21.251 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 75 Resp: 73812
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3
39 59.0 31.0 46.6#





#50

1,1,2-Trichloroethane

Concen: 22.229 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

Tgt Ion: 97 Resp: 42744

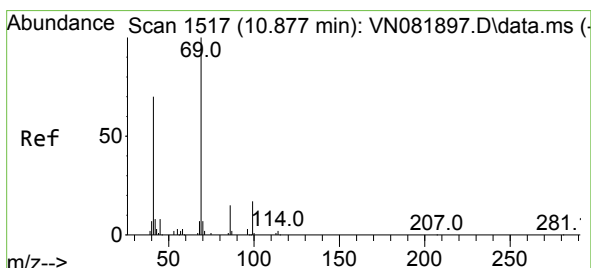
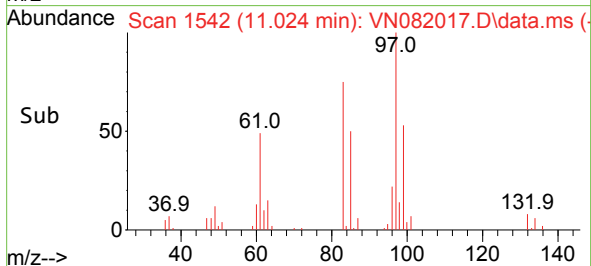
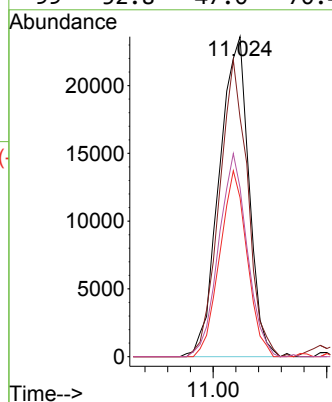
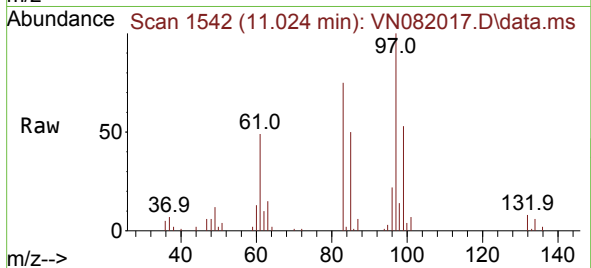
Ion Ratio Lower Upper

97 100

83 74.7 68.1 102.1

85 49.7 41.8 62.6

99 52.8 47.0 70.4



#51

Ethyl methacrylate

Concen: 20.095 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

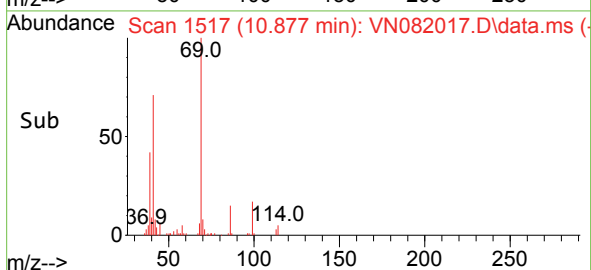
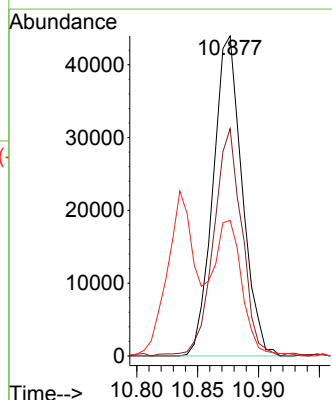
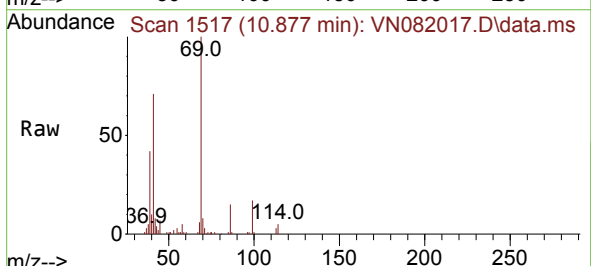
Tgt Ion: 69 Resp: 72928

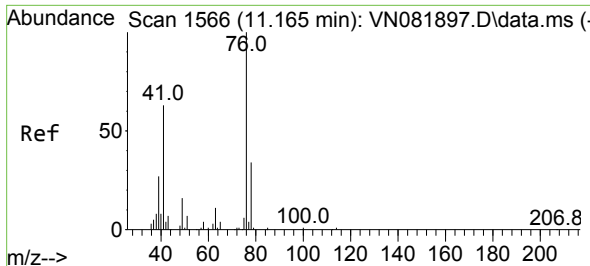
Ion Ratio Lower Upper

69 100

41 71.0 25.5 76.5

39 41.6 16.0 47.9

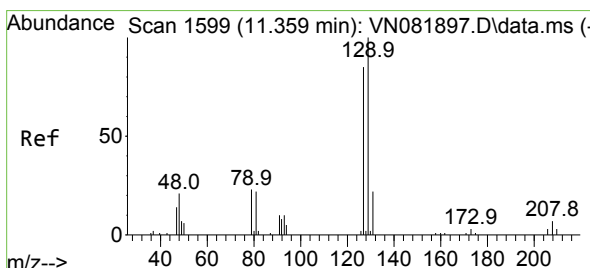
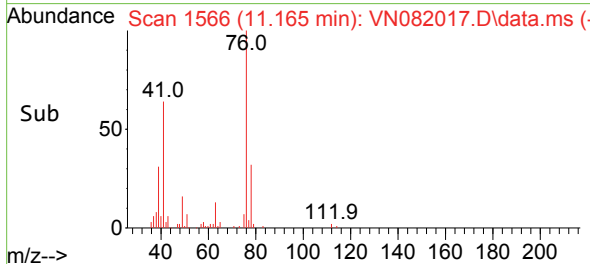
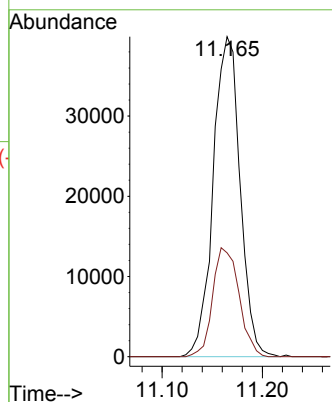
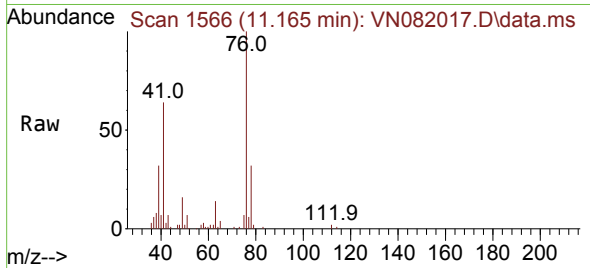




#52
1,3-Dichloropropane
Concen: 21.022 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

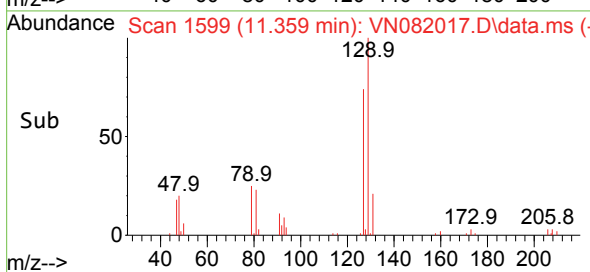
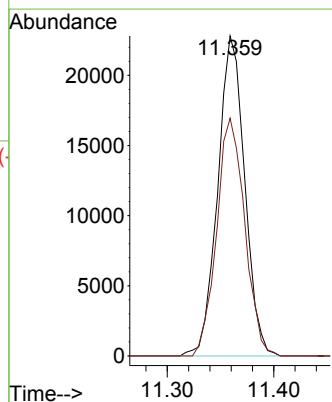
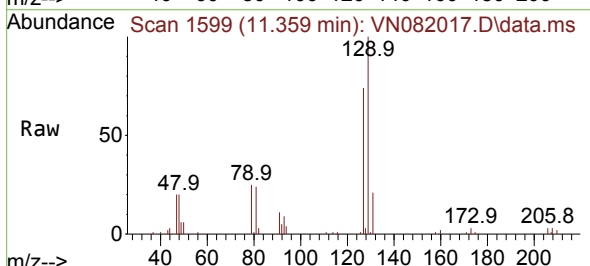
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

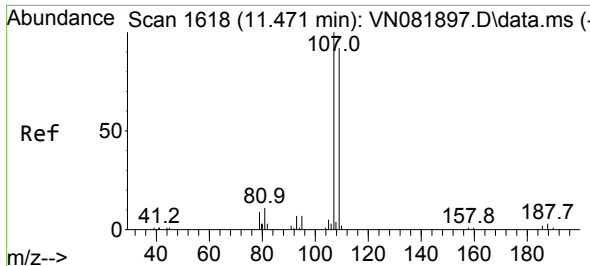
Tgt Ion: 76 Resp: 74266
Ion Ratio Lower Upper
76 100
78 33.3 0.0 65.8



#53
Dibromochloromethane
Concen: 19.137 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 129 Resp: 40037
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.1

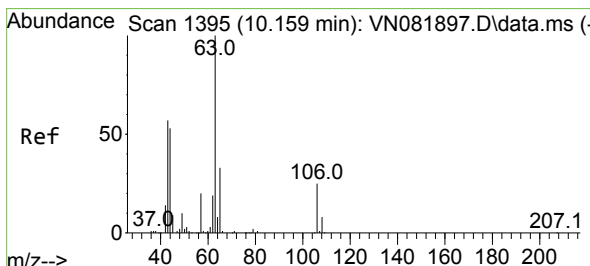
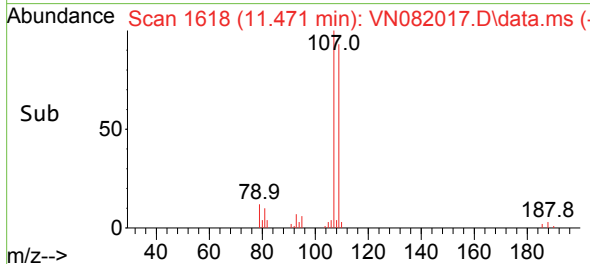
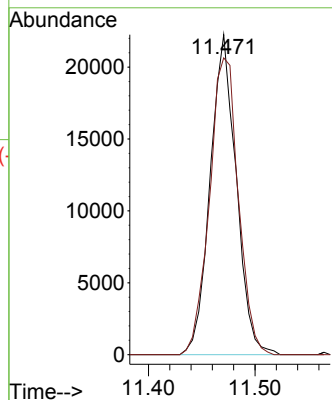
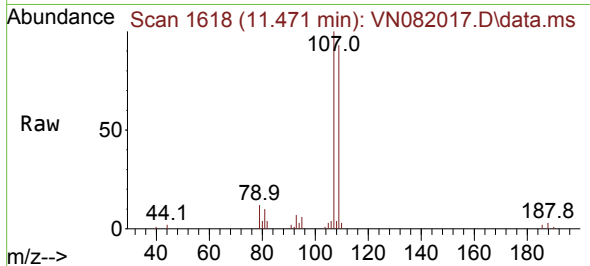




#54
1,2-Dibromoethane
Concen: 19.745 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

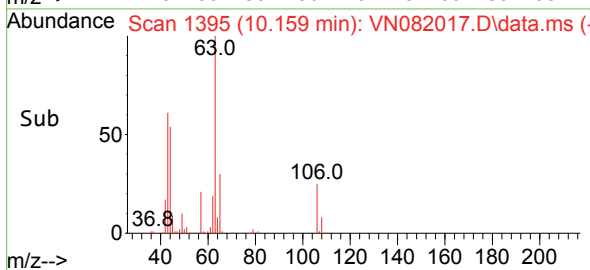
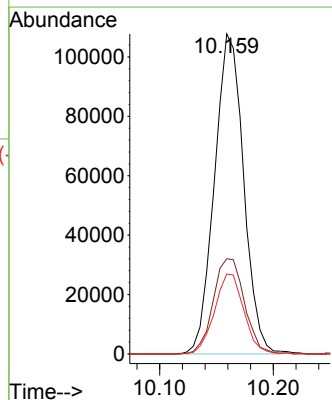
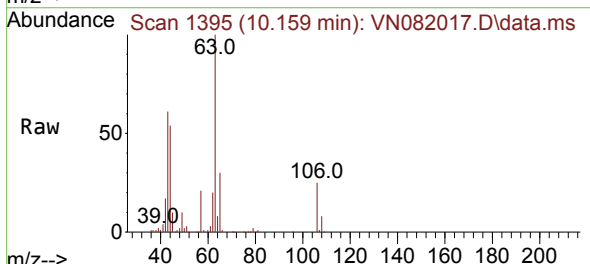
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

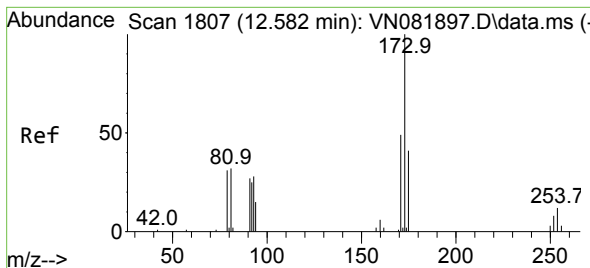
Tgt Ion:107 Resp: 37866
Ion Ratio Lower Upper
107 100
109 102.7 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 105.943 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 63 Resp: 192264
Ion Ratio Lower Upper
63 100
65 31.8 26.2 39.2
106 25.1 23.8 35.8





#56

Bromoform

Concen: 17.919 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

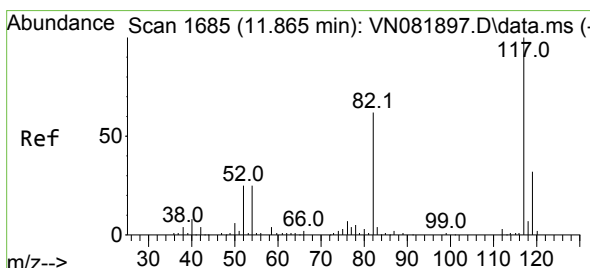
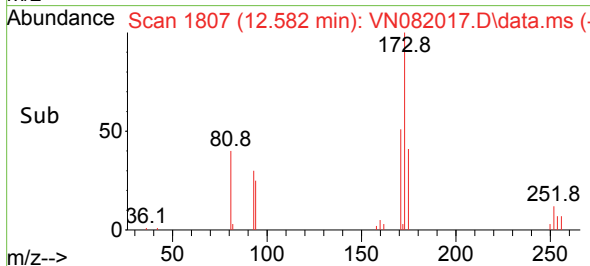
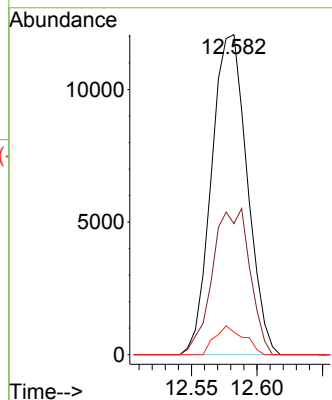
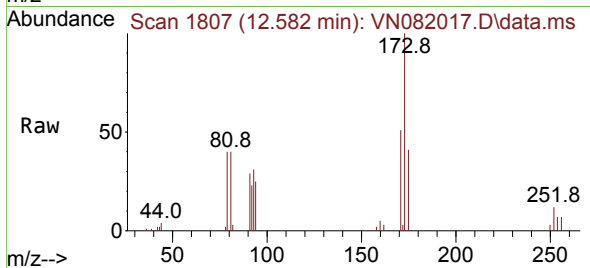
Tgt Ion:173 Resp: 22816

Ion Ratio Lower Upper

173 100

175 30.7 40.0 60.0#

254 7.3 8.3 12.5#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

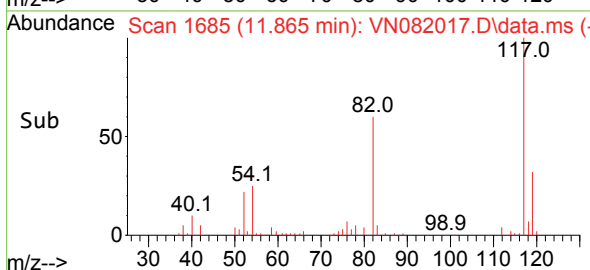
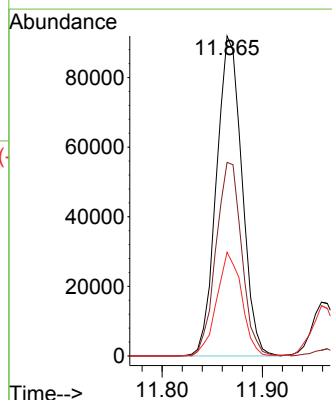
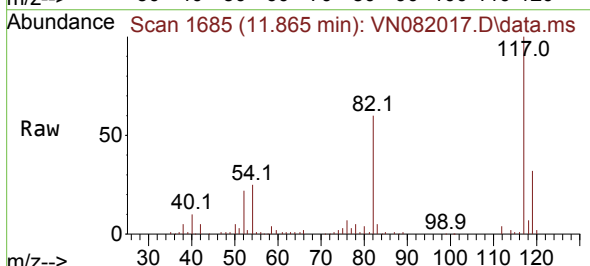
Tgt Ion:117 Resp: 162438

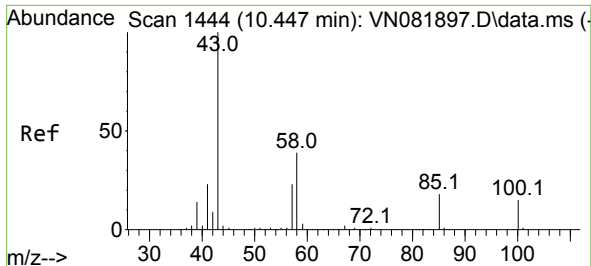
Ion Ratio Lower Upper

117 100

82 61.1 46.6 69.8

119 31.8 25.4 38.2

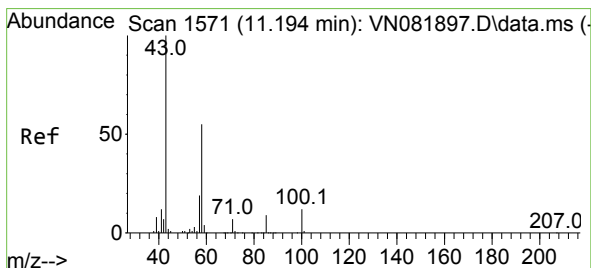
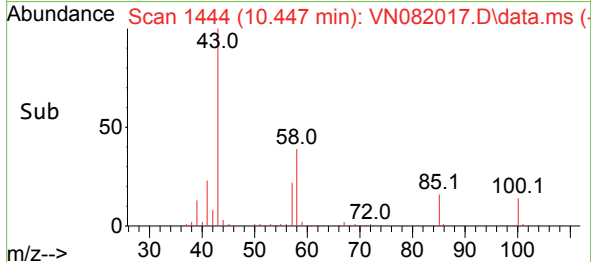
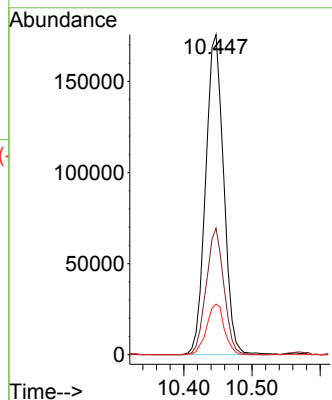
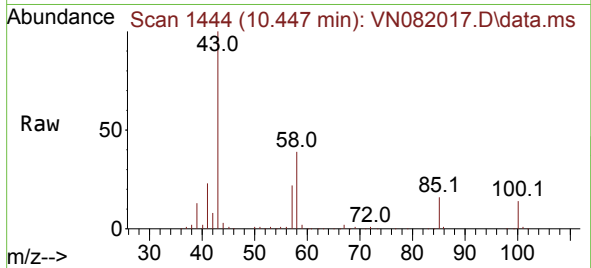




#58
4-Methyl-2-Pentanone
Concen: 102.444 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

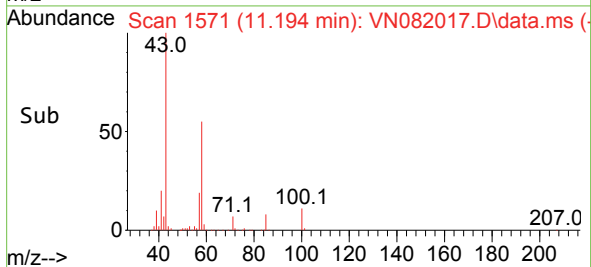
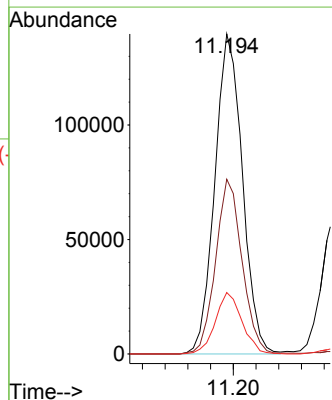
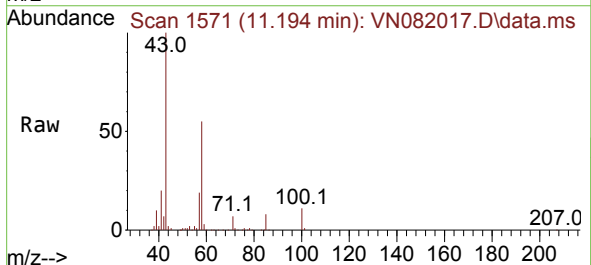
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

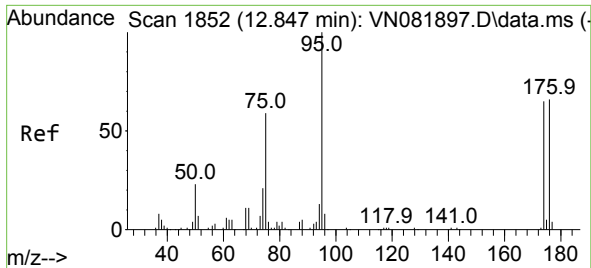
Tgt Ion: 43 Resp: 323114
Ion Ratio Lower Upper
43 100
58 38.8 36.5 54.7
85 15.6 19.5 29.3#



#59
2-Hexanone
Concen: 100.752 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 43 Resp: 235614
Ion Ratio Lower Upper
43 100
58 52.4 50.4 75.6
57 18.6 18.6 27.8

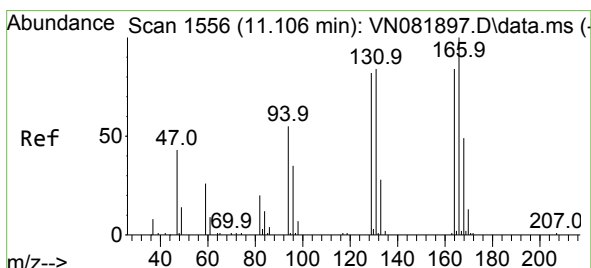
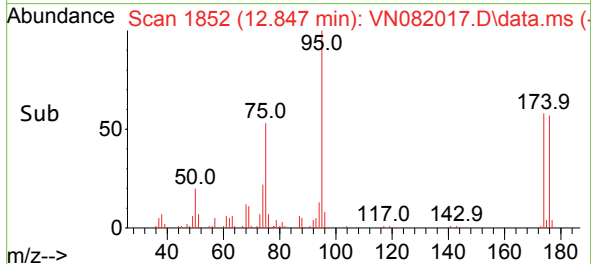
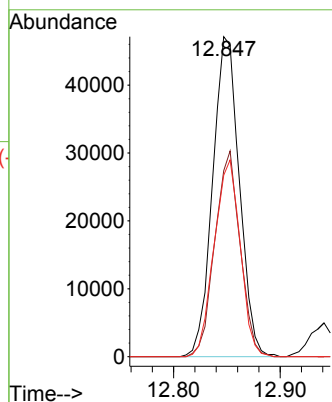
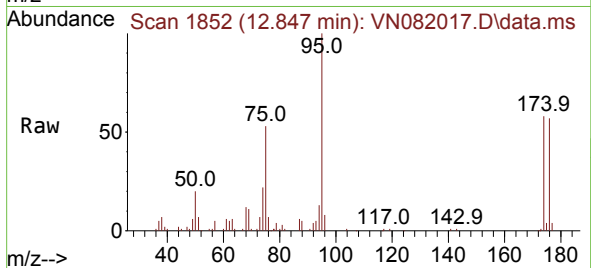




#60
4-Bromofluorobenzene
Concen: 30.311 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

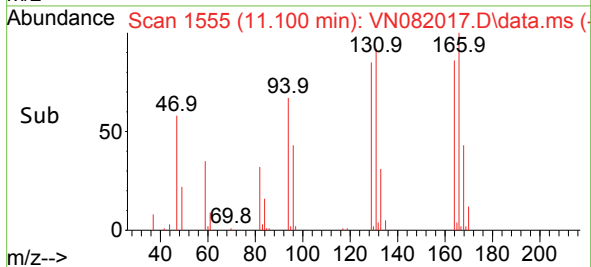
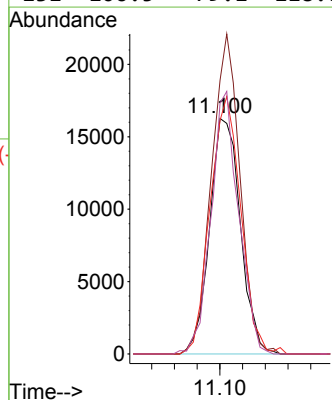
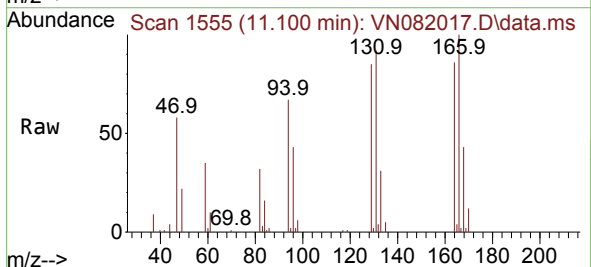
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

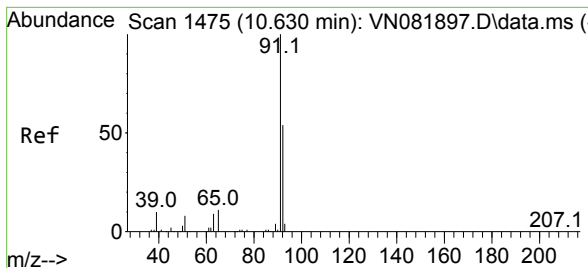
Tgt Ion: 95 Resp: 81940
Ion Ratio Lower Upper
95 100
174 60.7 60.5 90.7
176 59.9 57.8 86.6



#61
Tetrachloroethene
Concen: 16.911 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 164 Resp: 30481
Ion Ratio Lower Upper
164 100
166 116.1 106.7 160.1
129 99.1 85.8 128.6
131 106.5 79.1 118.7





#62

Toluene

Concen: 19.298 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

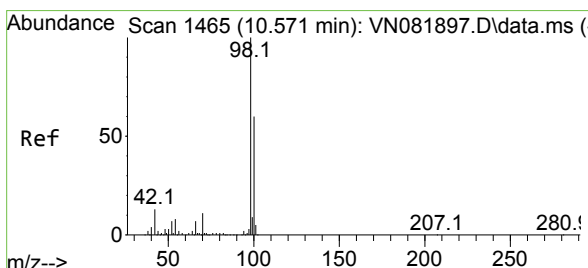
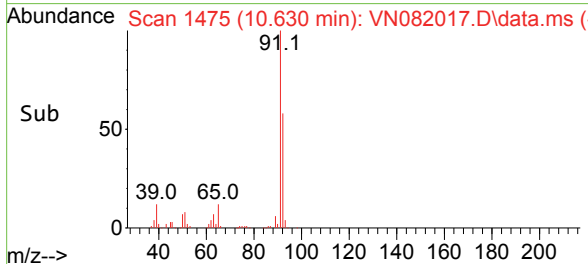
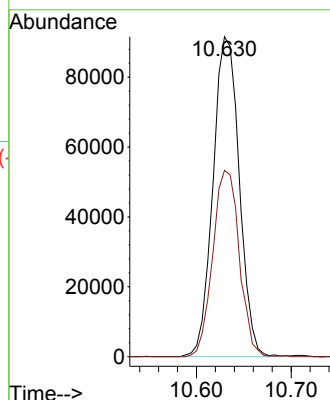
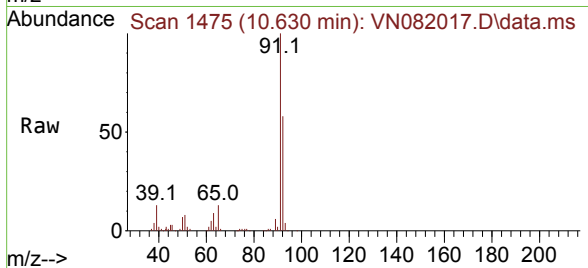
VN0507WBSD01

Tgt Ion: 91 Resp: 176380

Ion Ratio Lower Upper

91 100

92 58.7 46.5 69.7



#63

Toluene-d8

Concen: 30.795 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082017.D

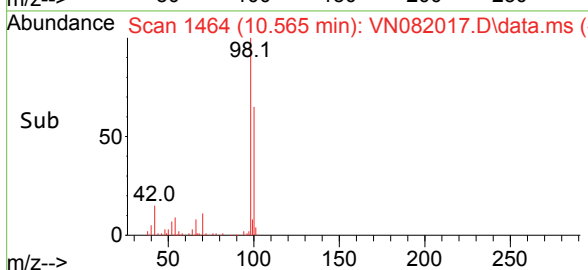
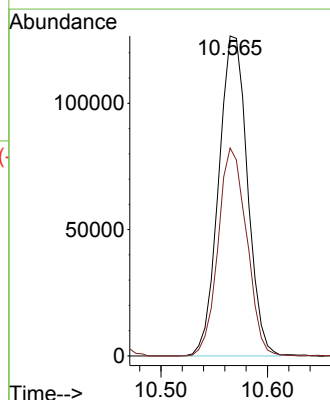
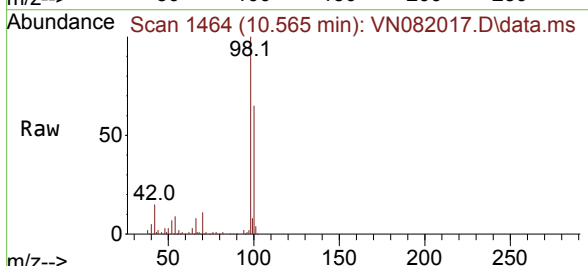
Acq: 07 May 2024 10:40

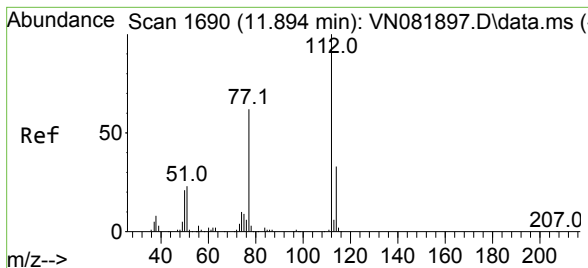
Tgt Ion: 98 Resp: 237556

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1





#64

Chlorobenzene

Concen: 19.749 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

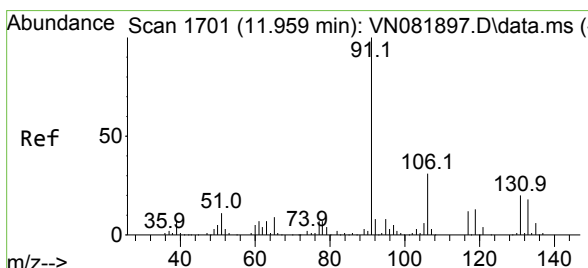
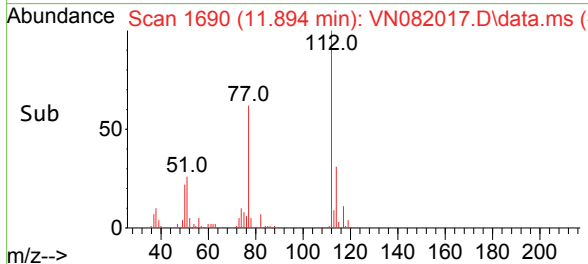
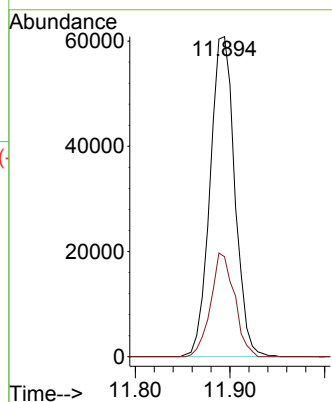
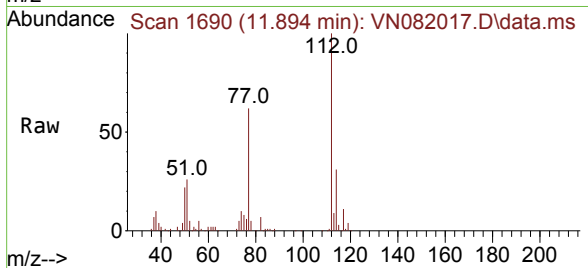
VN0507WBSD01

Tgt Ion:112 Resp: 110403

Ion Ratio Lower Upper

112 100

114 31.2 26.6 39.8



#65

1,1,1,2-Tetrachloroethane

Concen: 20.339 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

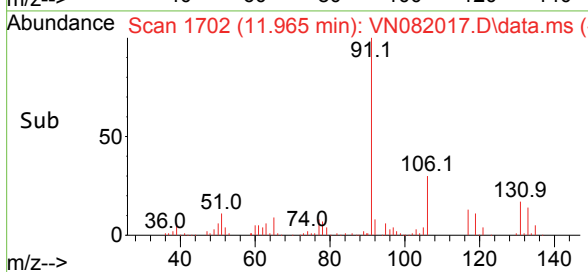
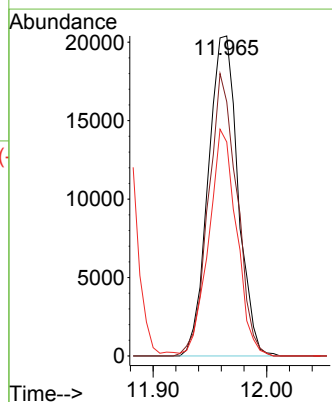
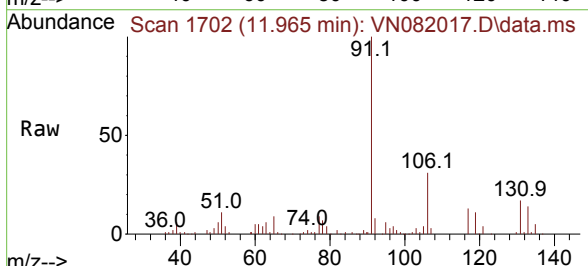
Tgt Ion:131 Resp: 37213

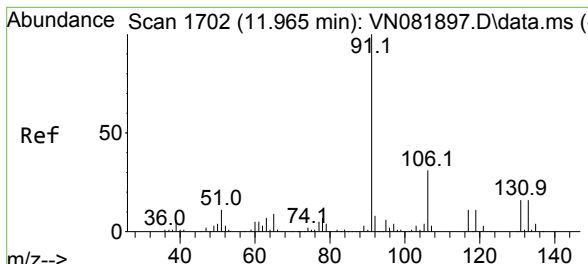
Ion Ratio Lower Upper

131 100

133 84.3 0.0 188.0

119 66.1 0.0 122.8

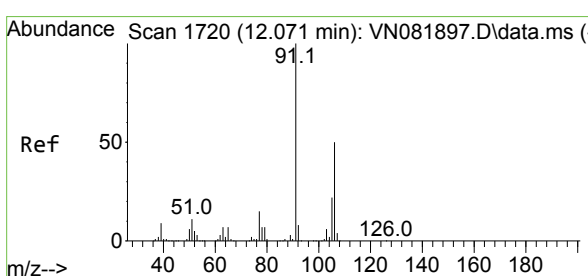
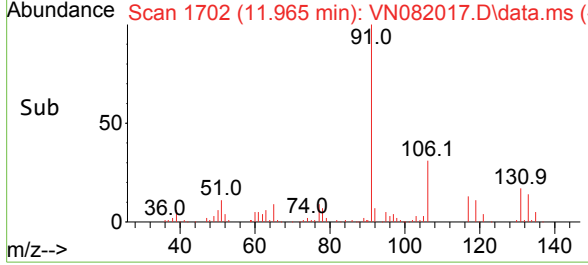
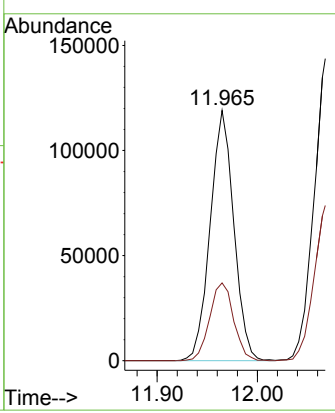
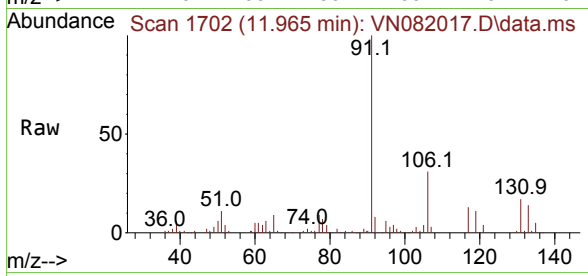




#66
 Ethyl Benzene
 Concen: 19.460 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN082017.D
 Acq: 07 May 2024 10:40

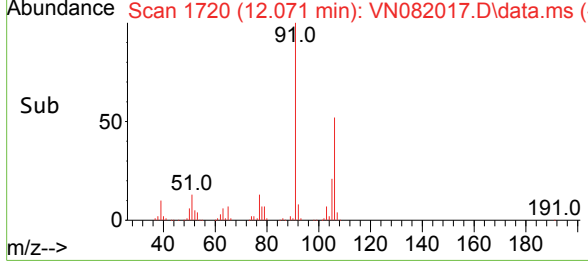
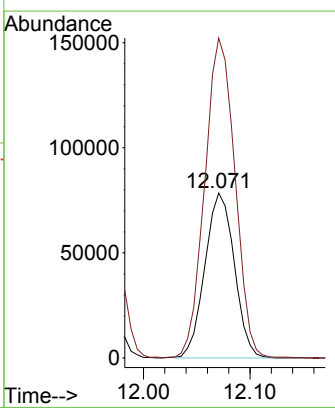
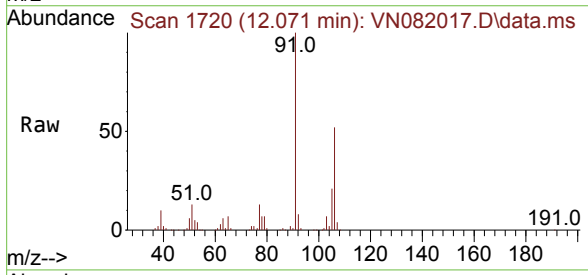
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

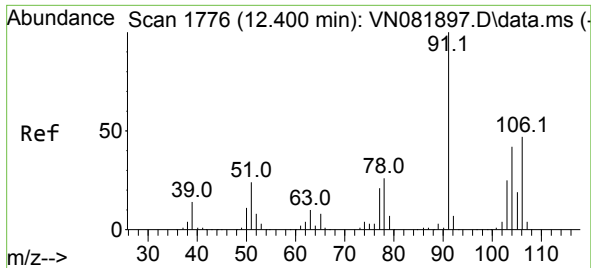
Tgt Ion:	91	Resp:	194952
Ion Ratio	Lower	Upper	
91	100		
106	31.1	24.4	36.6



#67
 m/p-Xylenes
 Concen: 40.520 ug/l
 RT: 12.071 min Scan# 1720
 Delta R.T. 0.000 min
 Lab File: VN082017.D
 Acq: 07 May 2024 10:40

Tgt Ion:	106	Resp:	150507
Ion Ratio	Lower	Upper	
106	100		
91	199.2	166.6	249.8

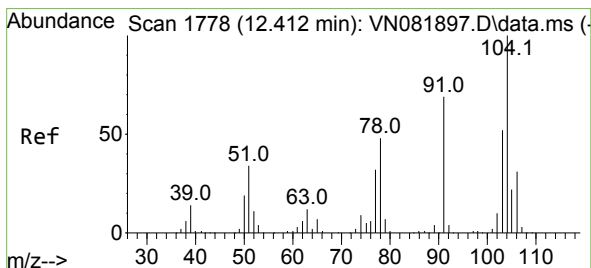
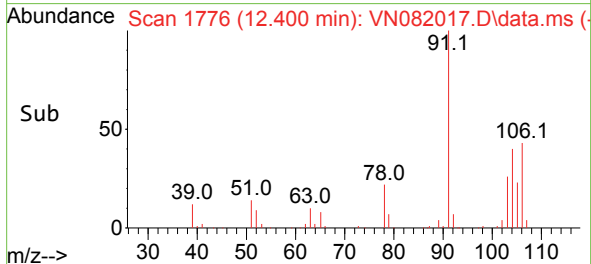
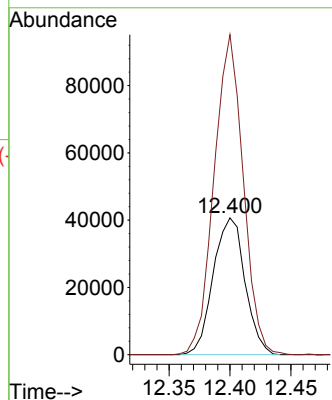
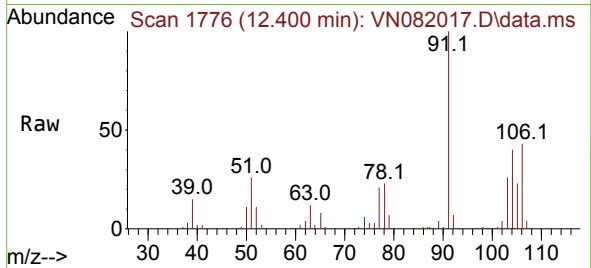




#68
o-Xylene
Concen: 20.124 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

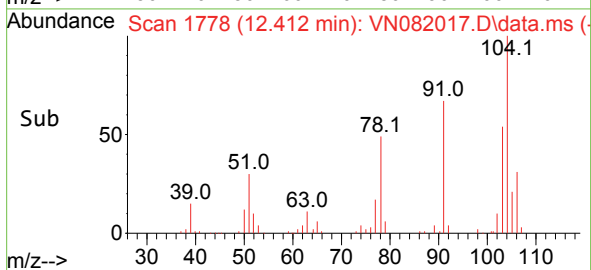
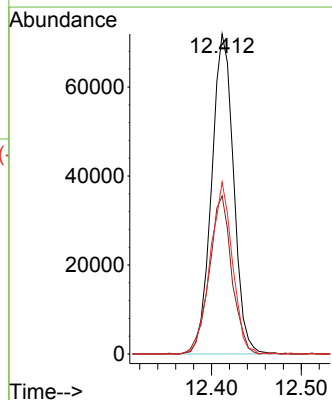
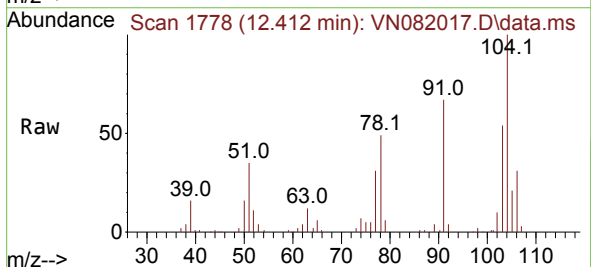
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

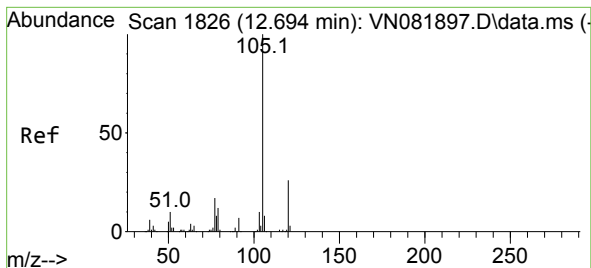
Tgt Ion:106 Resp: 73956
Ion Ratio Lower Upper
106 100
91 214.6 110.0 330.0



#69
Styrene
Concen: 19.847 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion:104 Resp: 122436
Ion Ratio Lower Upper
104 100
78 50.6 42.6 64.0
103 54.2 43.7 65.5





#70

Isopropylbenzene

Concen: 19.350 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

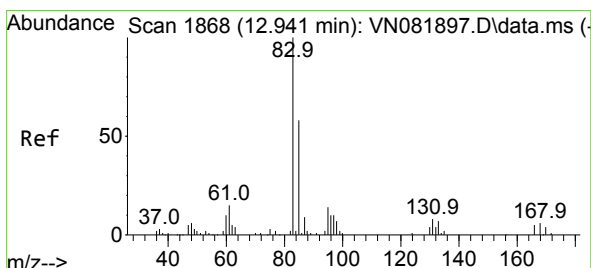
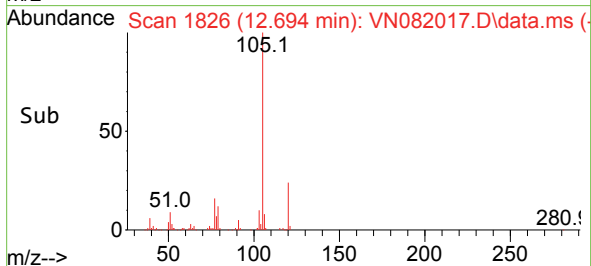
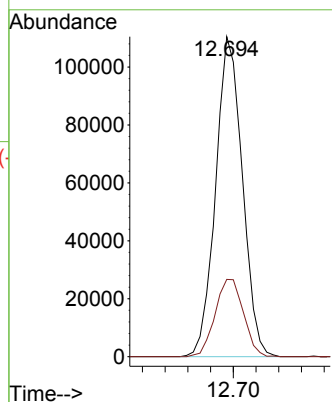
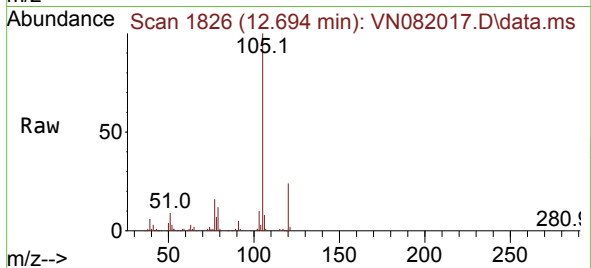
VN0507WBSD01

Tgt Ion:105 Resp: 180605

Ion Ratio Lower Upper

105 100

120 25.6 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 21.116 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

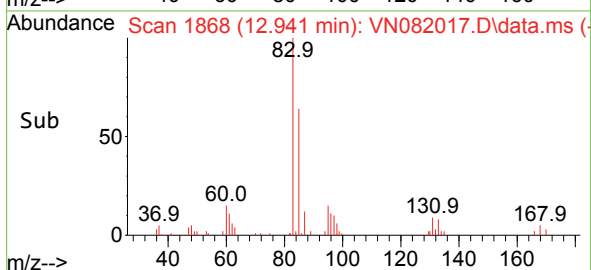
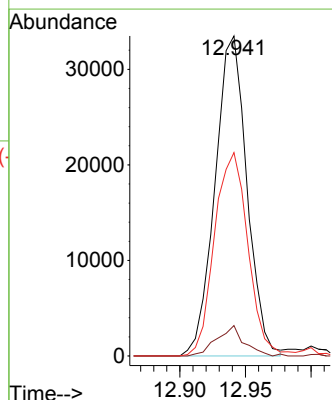
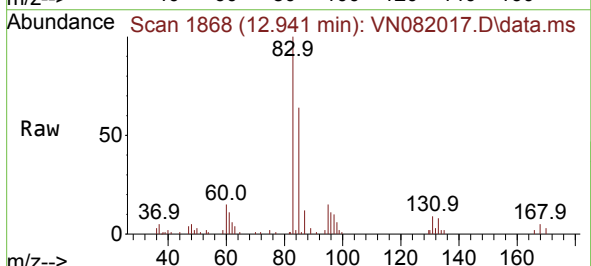
Tgt Ion: 83 Resp: 56717

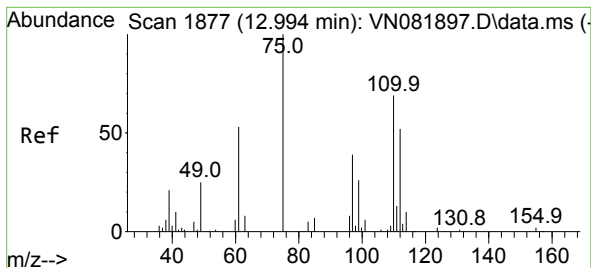
Ion Ratio Lower Upper

83 100

131 8.1 5.2 15.6

85 66.8 32.3 96.8





#72

1,2,3-Trichloropropane

Concen: 29.809 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

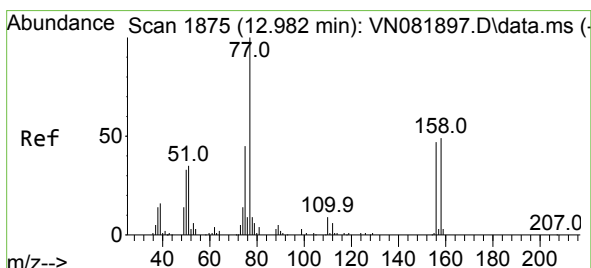
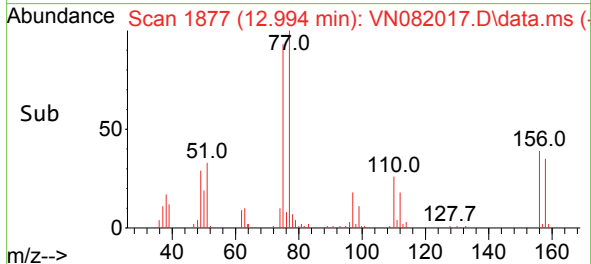
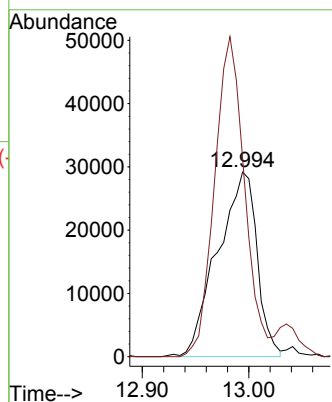
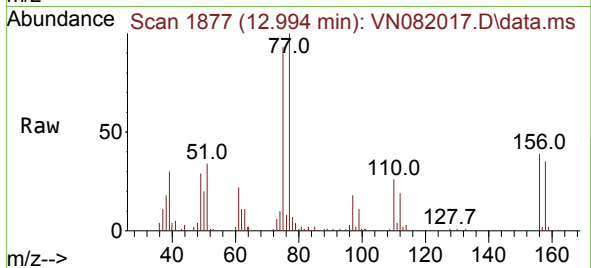
VN0507WBSD01

Tgt Ion: 75 Resp: 74853

Ion Ratio Lower Upper

75 100

77 131.6 0.0 367.6



#73

Bromobenzene

Concen: 18.645 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

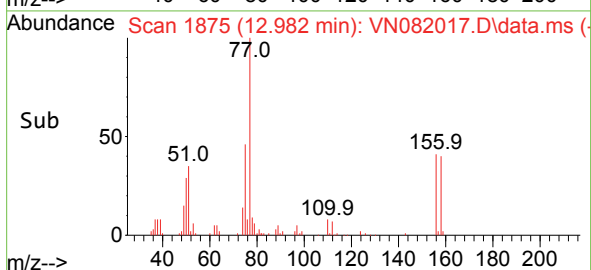
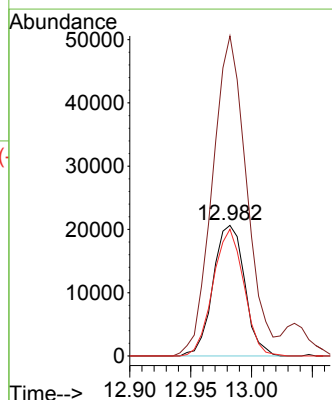
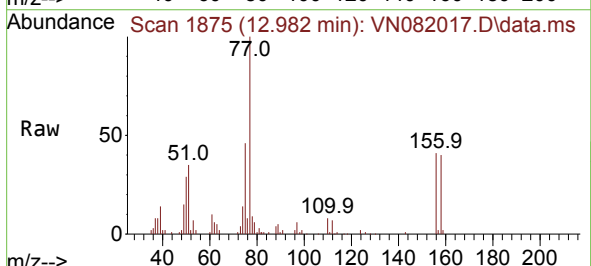
Tgt Ion: 156 Resp: 37252

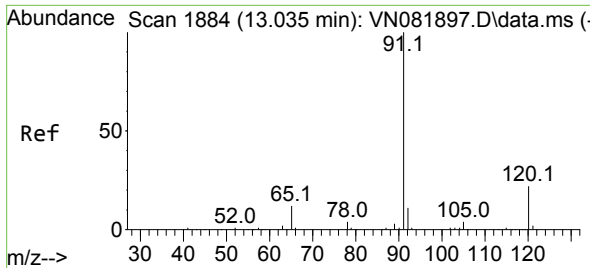
Ion Ratio Lower Upper

156 100

77 264.5 0.0 437.6

158 94.7 0.0 203.8

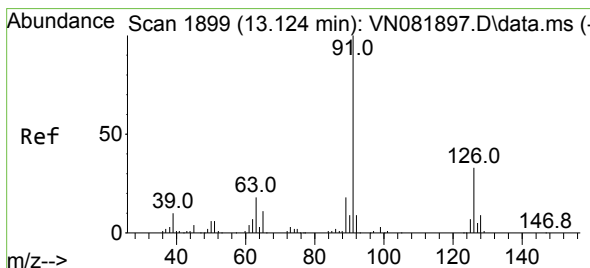
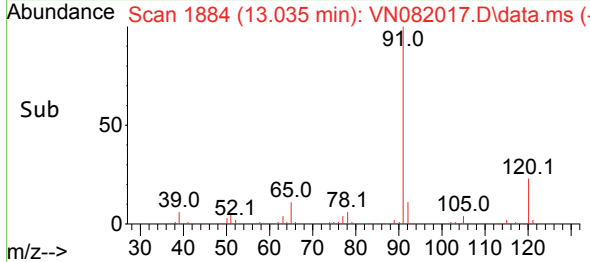
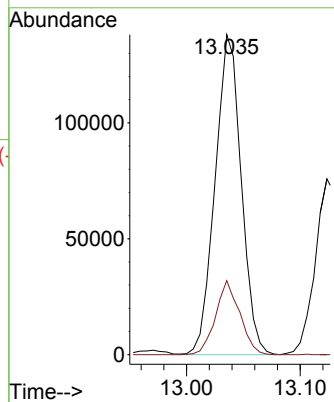
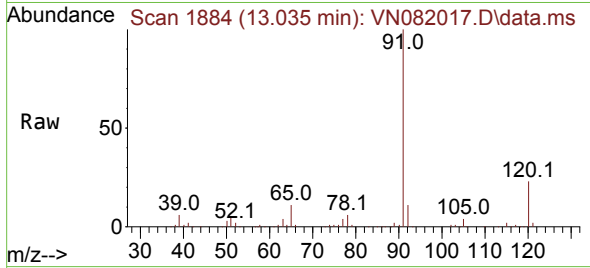




#74
n-propylbenzene
Concen: 20.049 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

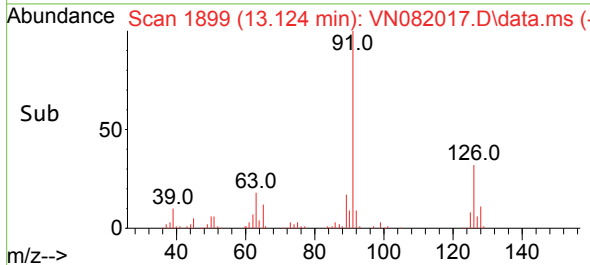
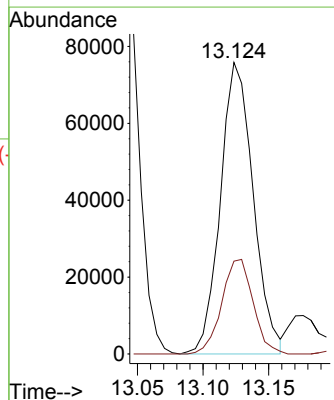
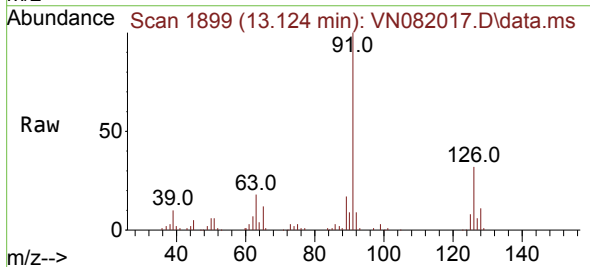
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

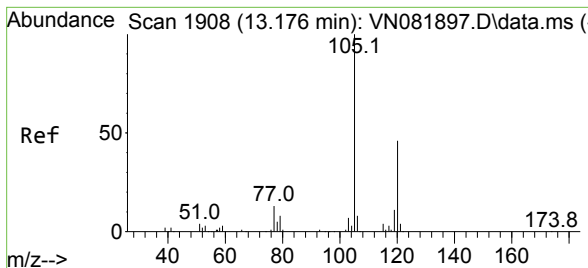
Tgt Ion: 91 Resp: 220770
Ion Ratio Lower Upper
91 100
120 21.4 0.0 43.8



#75
2-Chlorotoluene
Concen: 19.396 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 91 Resp: 132127
Ion Ratio Lower Upper
91 100
126 30.9 0.0 61.2

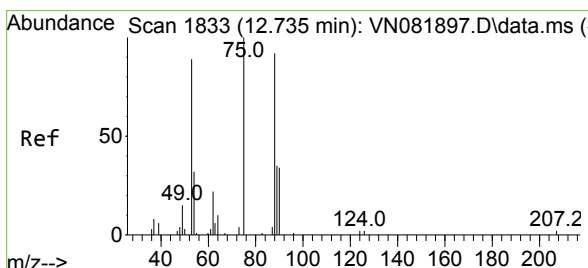
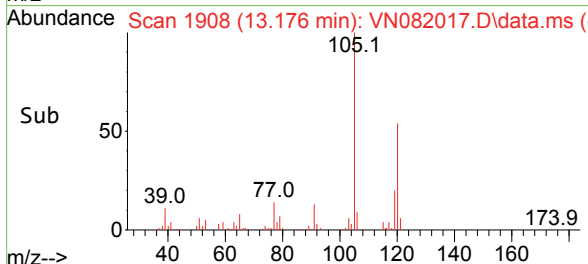
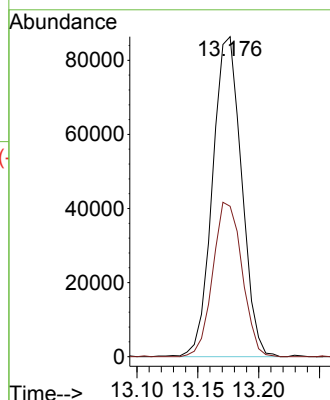
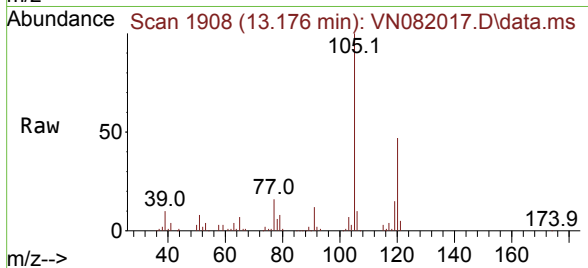




#76
1,3,5-Trimethylbenzene
Concen: 18.945 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

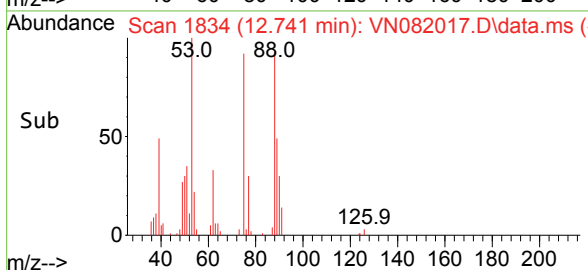
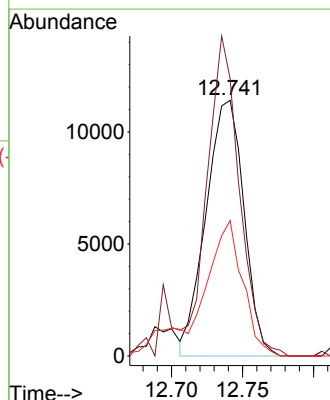
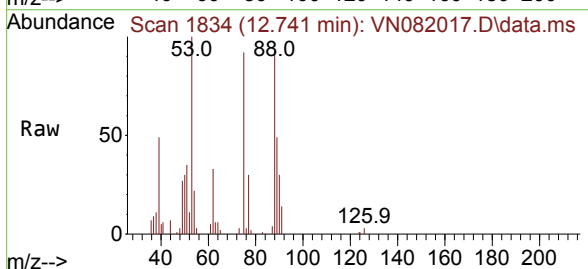
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

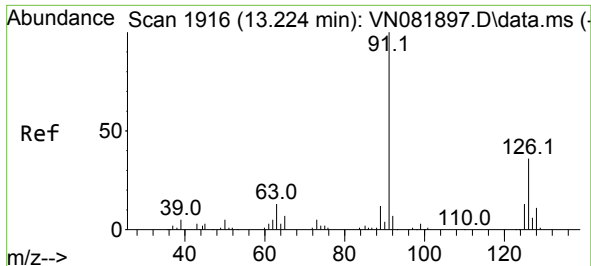
Tgt Ion:105 Resp: 143124
Ion Ratio Lower Upper
105 100
120 48.6 0.0 95.8



#77
t-1,4-Dichloro-2-butene
Concen: 18.957 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 75 Resp: 21187
Ion Ratio Lower Upper
75 100
53 106.2 45.9 137.7
89 52.9 25.9 77.7

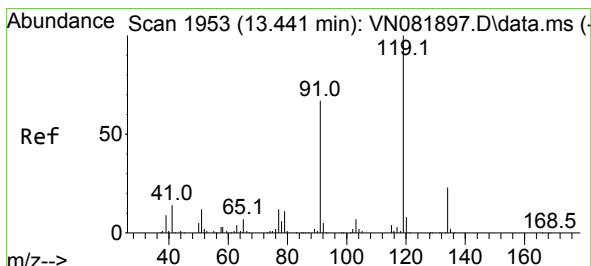
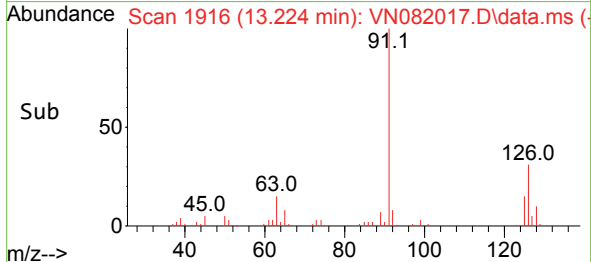
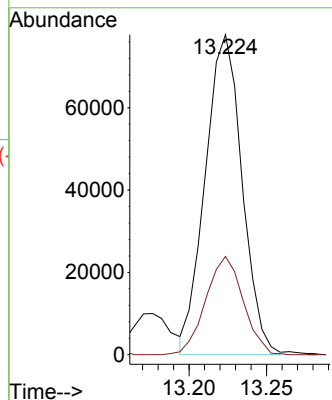
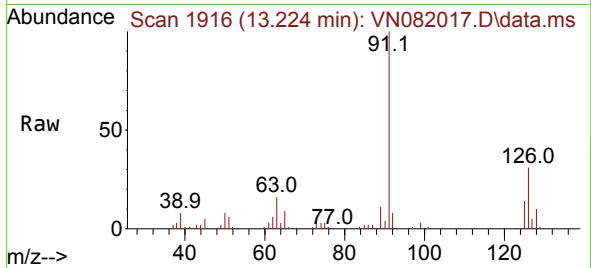




#78
4-Chlorotoluene
Concen: 19.249 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

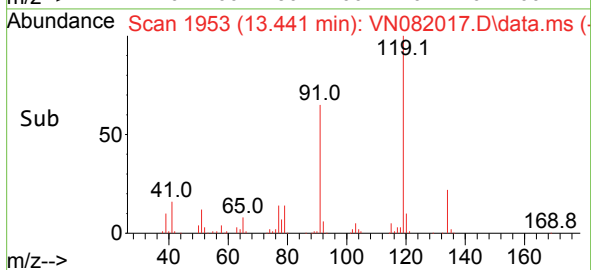
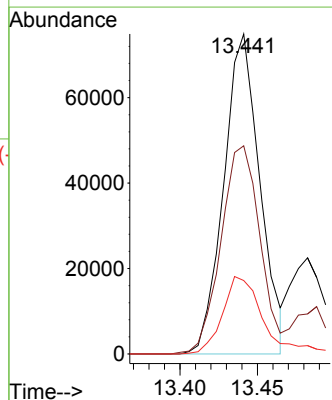
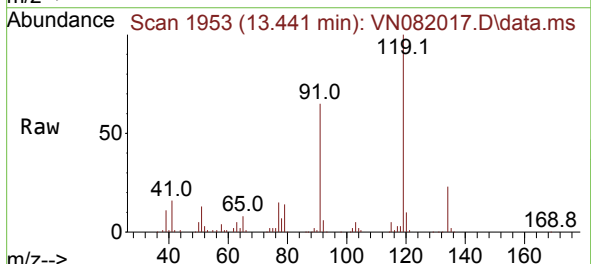
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

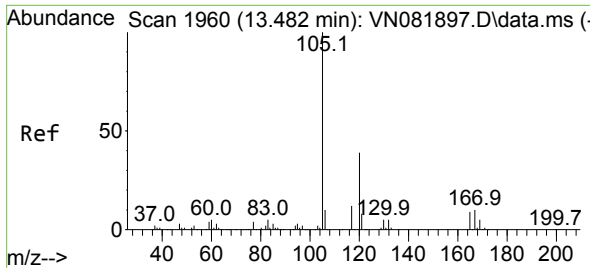
Tgt Ion: 91 Resp: 128465
Ion Ratio Lower Upper
91 100
126 31.2 0.0 62.8



#79
tert-butylbenzene
Concen: 18.689 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion: 119 Resp: 121564
Ion Ratio Lower Upper
119 100
91 70.0 0.0 138.8
134 27.2 0.0 48.6

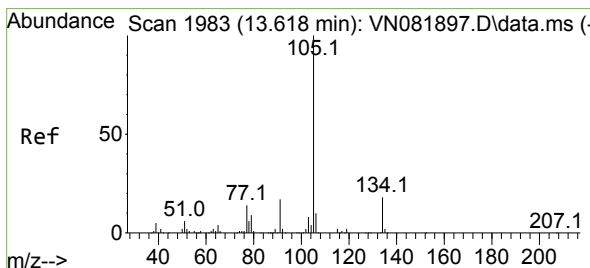
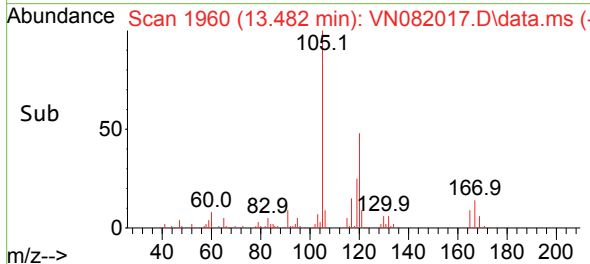
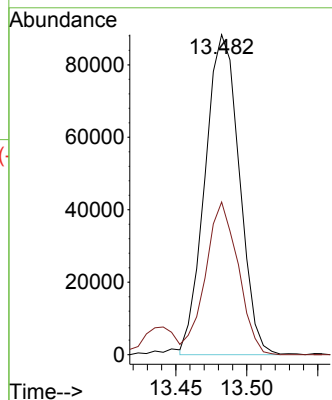
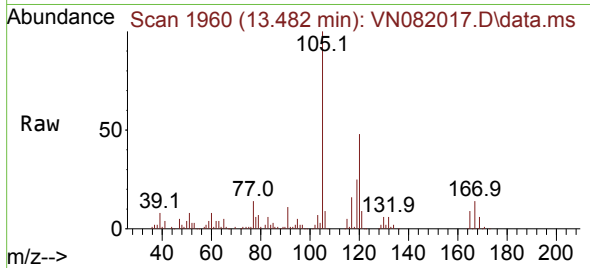




#80
1,2,4-Trimethylbenzene
Concen: 19.562 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

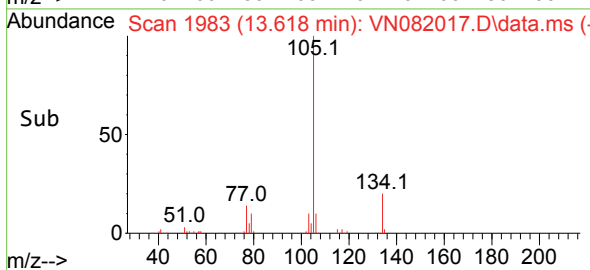
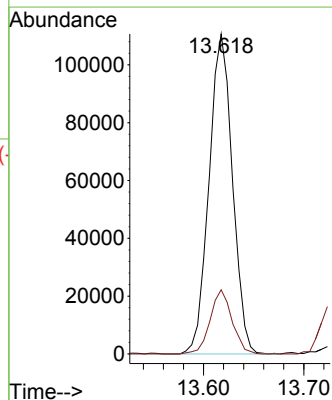
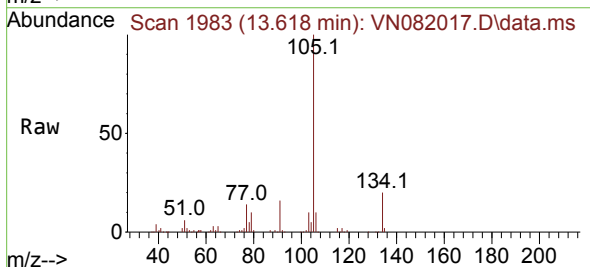
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

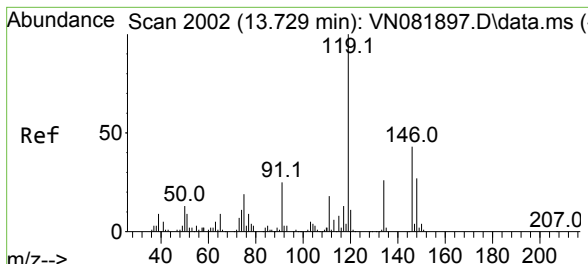
Tgt Ion:105 Resp: 148445
Ion Ratio Lower Upper
105 100
120 45.5 0.0 86.8



#81
sec-Butylbenzene
Concen: 19.734 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion:105 Resp: 179933
Ion Ratio Lower Upper
105 100
134 18.7 0.0 39.0

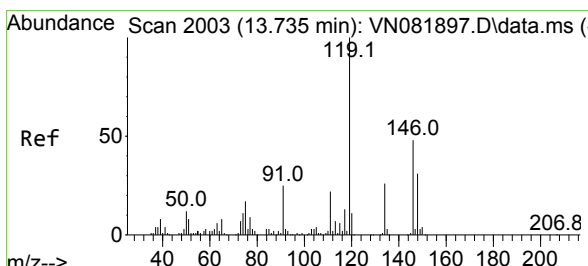
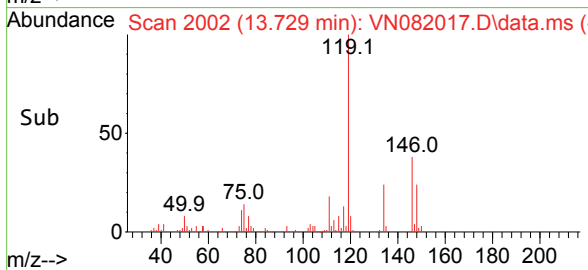
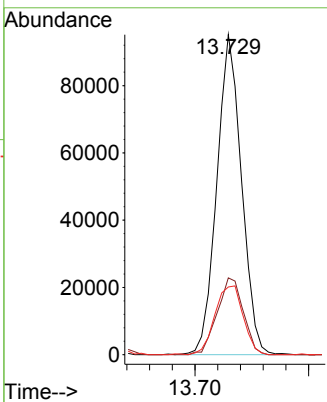
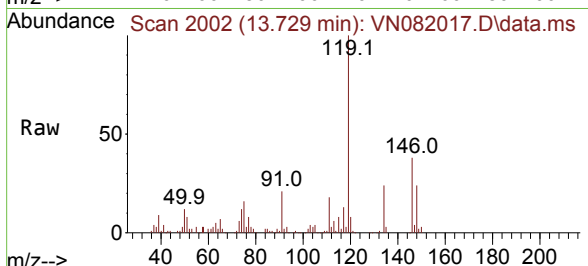




#82
 p-Isopropyltoluene
 Concen: 19.897 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082017.D
 Acq: 07 May 2024 10:40

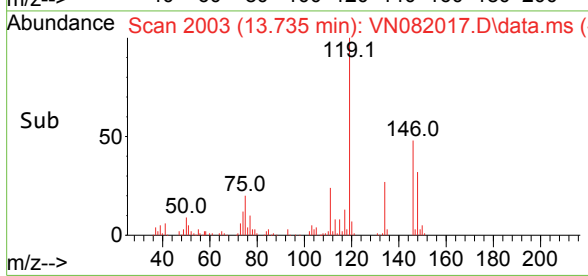
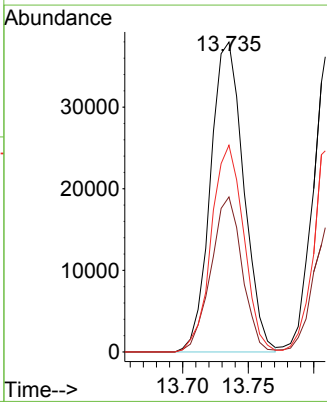
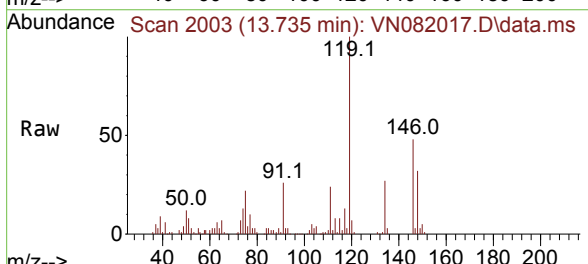
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

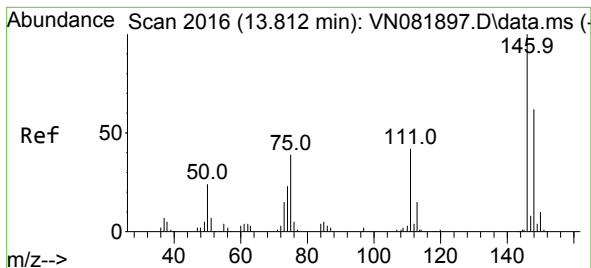
Tgt Ion:	119	Resp:	143460
Ion	Ratio	Lower	Upper
119	100		
134	25.4	0.0	49.2
91	24.6	0.0	48.8



#83
 1,3-Dichlorobenzene
 Concen: 18.609 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082017.D
 Acq: 07 May 2024 10:40

Tgt Ion:	146	Resp:	66946
Ion	Ratio	Lower	Upper
146	100		
111	47.1	22.4	67.0
148	65.1	32.1	96.5





#84

1,4-Dichlorobenzene

Concen: 19.014 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

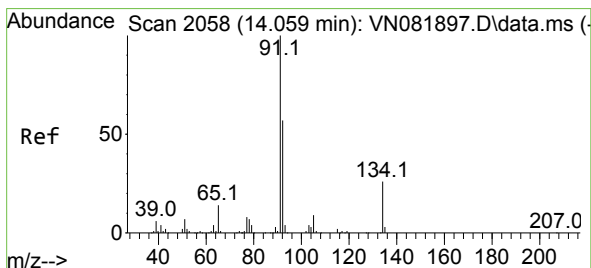
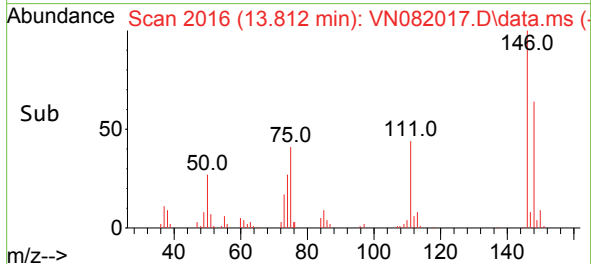
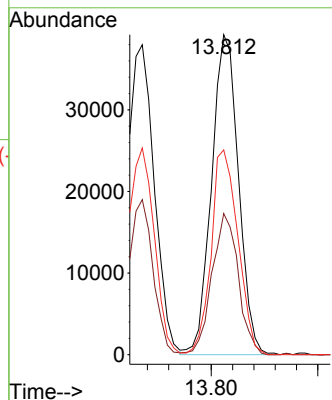
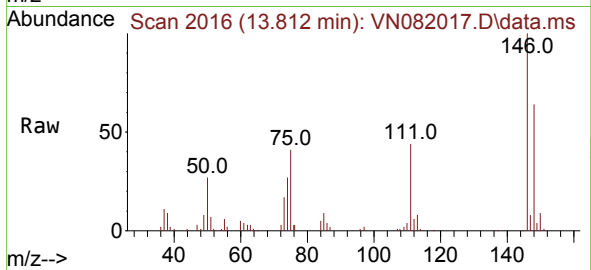
Tgt Ion:146 Resp: 68755

Ion Ratio Lower Upper

146 100

111 43.2 21.3 63.9

148 63.5 31.9 95.5



#85

n-Butylbenzene

Concen: 19.788 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

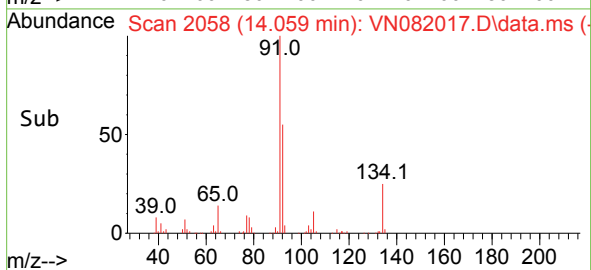
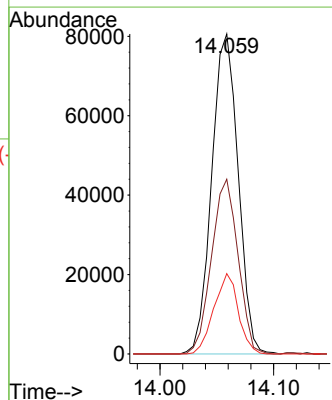
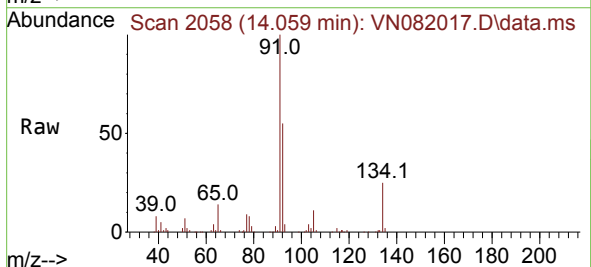
Tgt Ion: 91 Resp: 130323

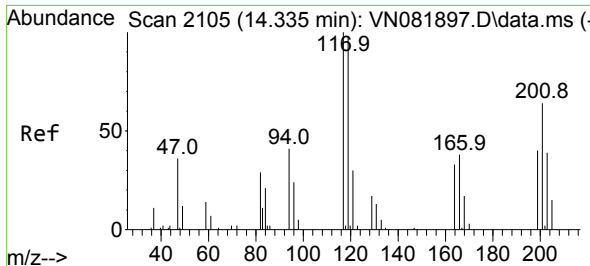
Ion Ratio Lower Upper

91 100

92 54.7 0.0 105.0

134 23.2 0.0 51.8

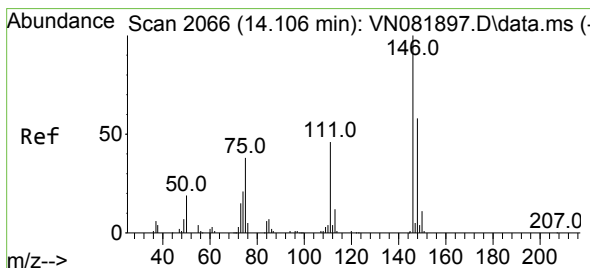
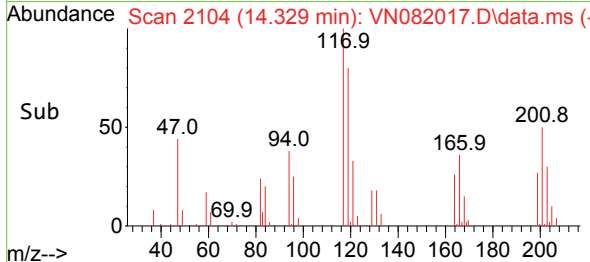
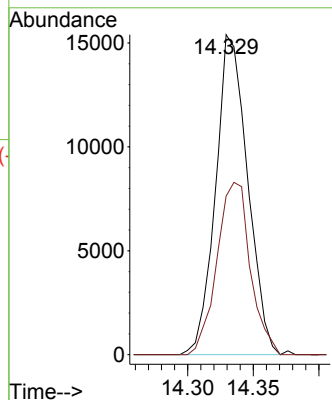
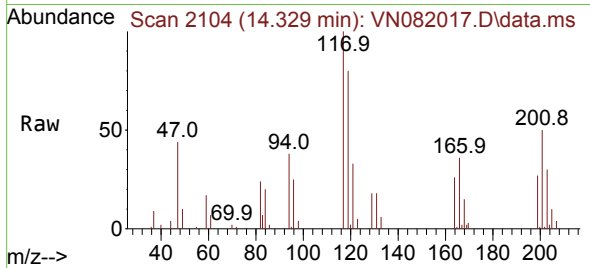




#86
Hexachloroethane
Concen: 18.153 ug/l
RT: 14.329 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

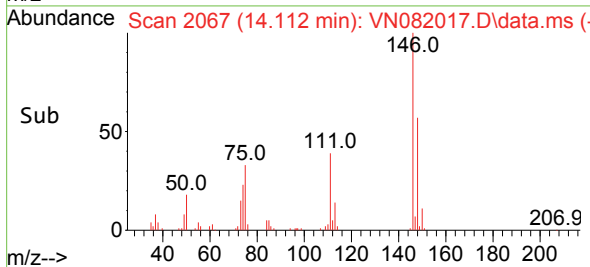
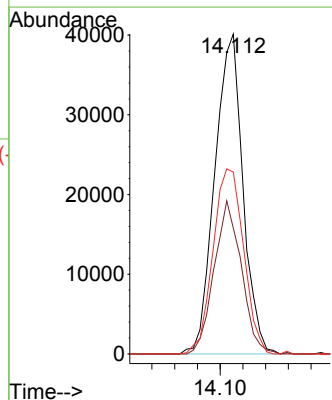
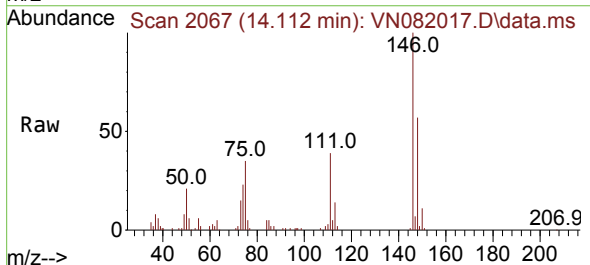
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBSD01

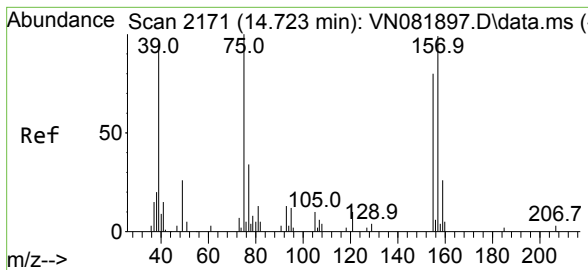
Tgt Ion:117 Resp: 26097
Ion Ratio Lower Upper
117 100
201 56.3 38.0 114.0



#87
1,2-Dichlorobenzene
Concen: 19.276 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN082017.D
Acq: 07 May 2024 10:40

Tgt Ion:146 Resp: 69067
Ion Ratio Lower Upper
146 100
111 46.4 22.6 67.8
148 63.0 31.3 93.8

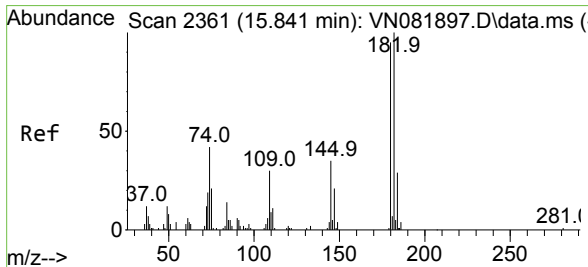
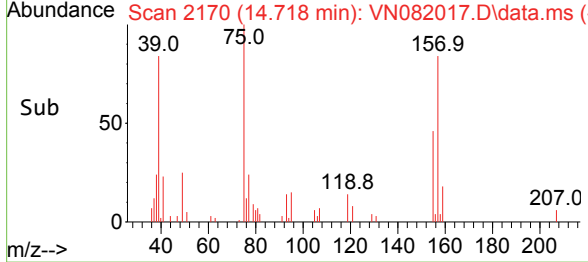
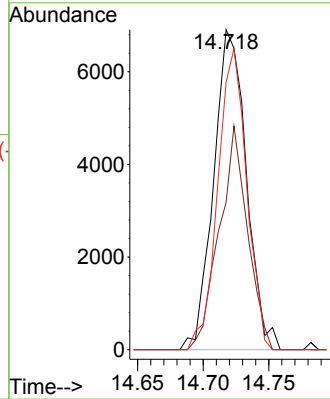
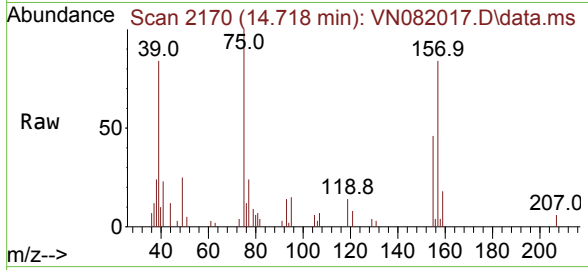




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.858 ug/l
 RT: 14.718 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN082017.D
 Acq: 07 May 2024 10:40

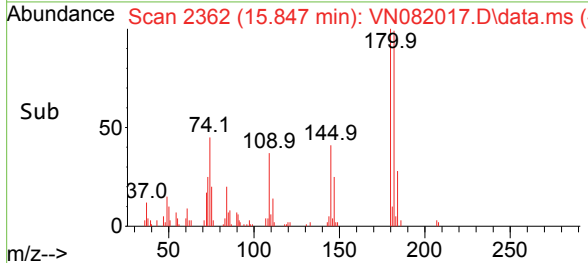
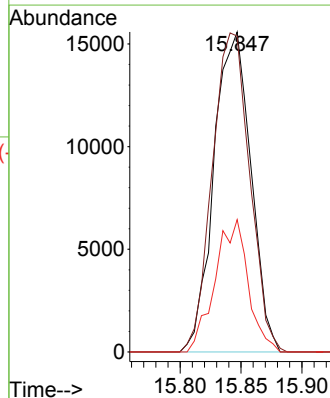
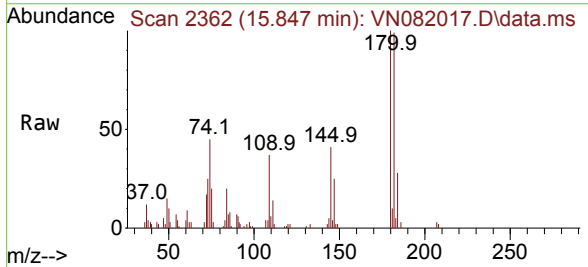
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

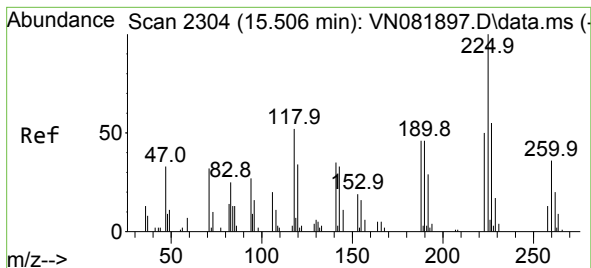
Tgt Ion: 75 Resp: 11969
 Ion Ratio Lower Upper
 75 100
 155 60.5 61.7 92.5#
 157 83.0 83.6 125.4#



#89
 1,2,4-Trichlorobenzene
 Concen: 16.690 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. 0.006 min
 Lab File: VN082017.D
 Acq: 07 May 2024 10:40

Tgt Ion: 180 Resp: 32928
 Ion Ratio Lower Upper
 180 100
 182 101.0 76.4 114.6
 145 37.1 28.4 42.6





#90

Hexachlorobutadiene

Concen: 17.327 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBSD01

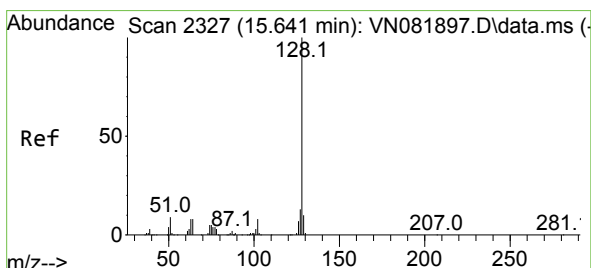
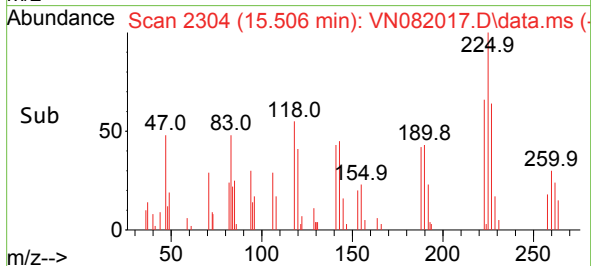
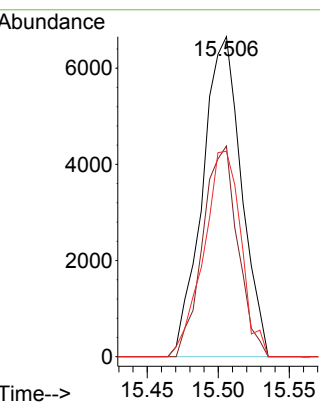
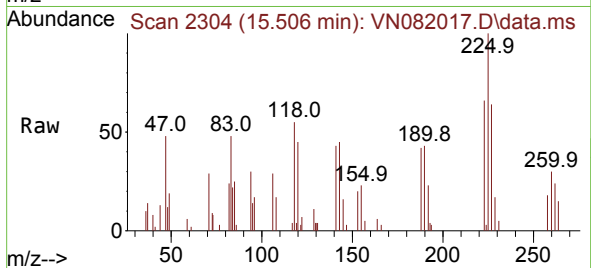
Tgt Ion:225 Resp: 12661

Ion Ratio Lower Upper

225 100

223 59.3 0.0 126.6

227 61.6 0.0 126.6



#91

Naphthalene

Concen: 18.275 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082017.D

Acq: 07 May 2024 10:40

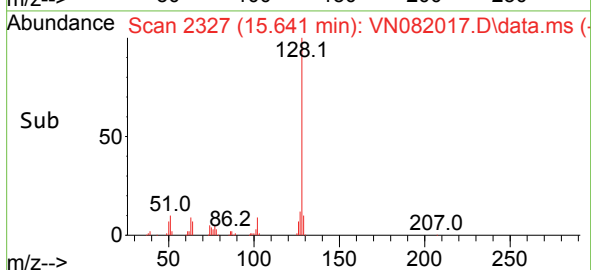
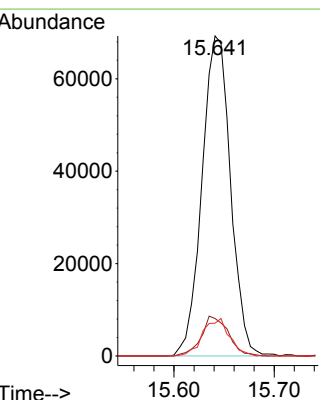
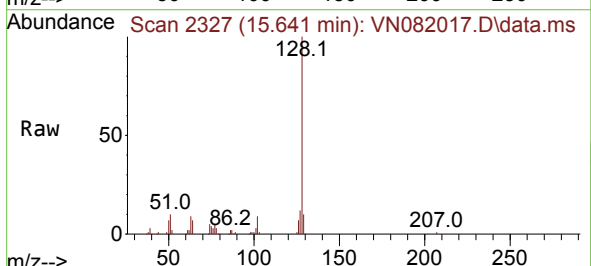
Tgt Ion:128 Resp: 137064

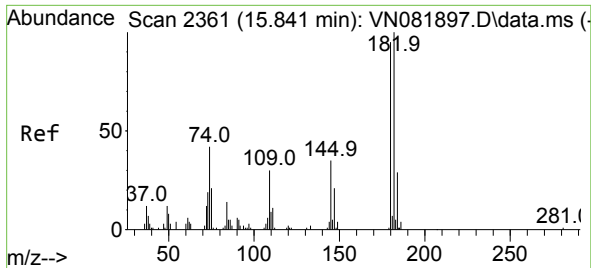
Ion Ratio Lower Upper

128 100

127 11.8 10.6 16.0

129 11.0 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 16.690 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN082017.D
 Acq: 07 May 2024 10:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBSD01

Tgt Ion:180 Resp: 32928
 Ion Ratio Lower Upper
 180 100
 182 101.0 0.0 191.0
 145 37.1 0.0 71.0

