

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050724\
 Data File : VN082016.D
 Acq On : 07 May 2024 10:06
 Operator : JC\MD
 Sample : VN0507WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

Quant Time: May 08 07:56:41 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	31873	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	200775	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	175268	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	86992	32.599	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.667%
60) 4-Bromofluorobenzene	12.853	95	83506	28.629	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.433%
63) Toluene-d8	10.565	98	256057	30.763	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.533%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35997	19.896	ug/l	96
3) Chloromethane	2.359	50	42543	20.276	ug/l	97
4) Vinyl Chloride	2.518	62	42378	21.380	ug/l	92
5) Bromomethane	2.959	94	19857	19.199	ug/l	88
6) Chloroethane	3.124	64	25058	22.325	ug/l	96
7) Trichlorofluoromethane	3.500	101	55311	19.070	ug/l	94
8) Diethyl Ether	3.959	74	27402	19.516	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	36236	18.224	ug/l	72
10) 1,1-Dichloroethene	4.342	96	36814	18.925	ug/l	87
11) Methyl Iodide	4.589	142	30713	17.276	ug/l	92
12) Methyl Acetate	5.018	43	53157	21.823	ug/l #	73
13) Acrolein	4.183	56	40754	78.724	ug/l	99
14) Acrylonitrile	5.724	53	116962	105.212	ug/l	98
15) Acetone	4.424	58	29953	120.240	ug/l	82
16) Carbon Disulfide	4.712	76	97986	18.181	ug/l	97
17) Allyl chloride	5.024	41	64763	18.963	ug/l	89
18) Methylene Chloride	5.265	84	17773	8.030	ug/l	92
19) trans-1,2-Dichloroethene	5.783	96	38249	18.890	ug/l	88
20) Diisopropyl ether	6.671	45	149076	19.728	ug/l	98
21) 1,1-Dichloroethane	6.571	63	84188	21.041	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	49927	20.234	ug/l	92
23) tert-Butyl Alcohol	5.512	59	43370	94.713	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	142811	20.363	ug/l #	88
25) Chloroform	7.965	83	78917	20.502	ug/l	96
26) Cyclohexane	8.259	56	68122	19.689	ug/l #	91
29) 1,1-Dichloropropene	8.371	75	54906	18.369	ug/l	99
30) 2-Butanone	7.482	43	152051	98.685	ug/l #	81
31) 2,2-Dichloropropane	7.488	77	69784	22.782	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	62187	18.090	ug/l #	93
33) Carbon Tetrachloride	8.359	117	49359	17.692	ug/l	97
34) Benzene	8.606	78	187145	19.626	ug/l	95
35) Methacrylonitrile	7.788	41	33984	17.434	ug/l	81
36) 1,2-Dichloroethane	8.671	62	60951	19.041	ug/l	96
37) Trichloroethene	9.353	130	37711	16.146	ug/l	99
38) Methylcyclohexane	9.600	83	64438	17.846	ug/l	93
39) 1,2-Dichloropropane	9.624	63	47494	19.411	ug/l	98
40) Dibromomethane	9.712	93	30614	19.476	ug/l	84
41) Bromodichloromethane	9.888	83	62479	18.597	ug/l	100
42) Vinyl Acetate	6.600	43	623287	95.042	ug/l	95

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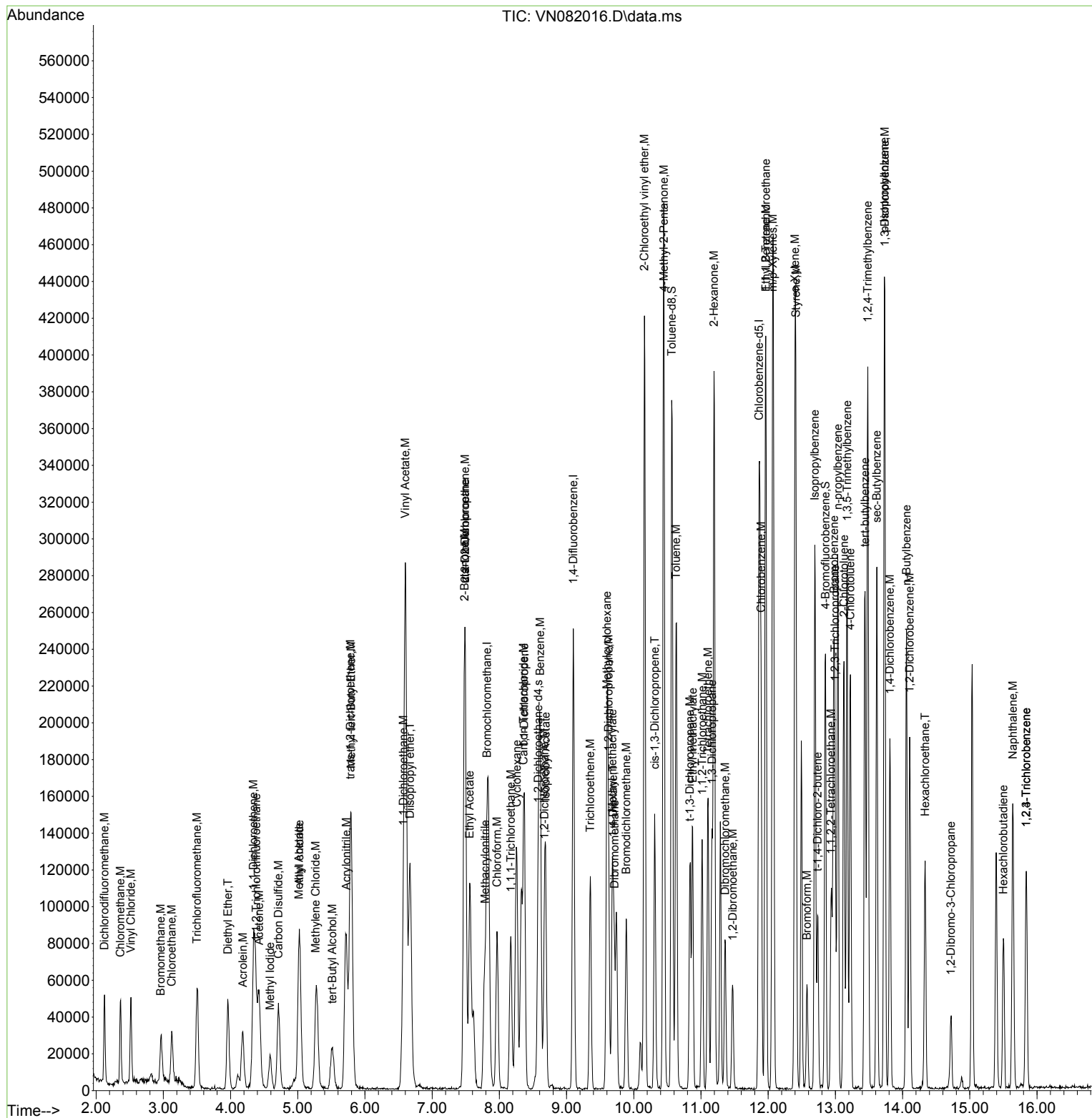
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	60072	17.882	ug/l #	91
44) Isopropyl Acetate	8.688	43	109712	18.396	ug/l	91
45) 1,4-Dioxane	9.694	88	16360	342.049	ug/l #	89
46) Methyl methacrylate	9.682	41	49918	18.320	ug/l	83
48) t-1,3-Dichloropropene	10.835	75	66531	18.261	ug/l	93
49) cis-1,3-Dichloropropene	10.312	75	74613	19.370	ug/l #	80
50) 1,1,2-Trichloroethane	11.018	97	39961	18.739	ug/l	90
51) Ethyl methacrylate	10.876	69	72484	18.009	ug/l	82
52) 1,3-Dichloropropane	11.165	76	75032	19.151	ug/l	98
53) Dibromochloromethane	11.359	129	42087	18.139	ug/l	97
54) 1,2-Dibromoethane	11.470	107	40341	18.968	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	180443	89.655	ug/l	96
56) Bromoform	12.576	173	23398	16.569	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	327319	96.180	ug/l #	88
59) 2-Hexanone	11.194	43	255389	101.214	ug/l #	88
61) Tetrachloroethene	11.106	164	31020	15.950	ug/l	98
62) Toluene	10.629	91	188493	19.114	ug/l	98
64) Chlorobenzene	11.894	112	116055	19.241	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	36236	18.355	ug/l	93
66) Ethyl Benzene	11.965	91	205168	18.980	ug/l	98
67) m/p-Xylenes	12.070	106	151148	37.713	ug/l	98
68) o-Xylene	12.400	106	74974	18.908	ug/l	99
69) Styrene	12.412	104	120829	18.152	ug/l	96
70) Isopropylbenzene	12.694	105	184854	18.356	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	56935	19.646	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	75974	28.041	ug/l	66
73) Bromobenzene	12.982	156	35750	16.584	ug/l	69
74) n-propylbenzene	13.035	91	228616	19.242	ug/l	98
75) 2-Chlorotoluene	13.129	91	138103	18.789	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	152009	18.648	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	22646	18.779	ug/l	87
78) 4-Chlorotoluene	13.223	91	134054	18.617	ug/l	99
79) tert-butylbenzene	13.441	119	128564	18.318	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	149558	18.266	ug/l	98
81) sec-Butylbenzene	13.617	105	193142	19.632	ug/l	98
82) p-Isopropyltoluene	13.729	119	147770	18.995	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	72302	18.626	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	70615	18.099	ug/l	98
85) n-Butylbenzene	14.059	91	138525	19.494	ug/l	96
86) Hexachloroethane	14.335	117	28767	18.546	ug/l	72
87) 1,2-Dichlorobenzene	14.106	146	70096	18.131	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10017	15.403	ug/l	93
89) 1,2,4-Trichlorobenzene	15.841	180	36359	17.080	ug/l	100
90) Hexachlorobutadiene	15.500	225	13558	17.197	ug/l	67
91) Naphthalene	15.641	128	138642	17.132	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	36359	17.080	ug/l	100

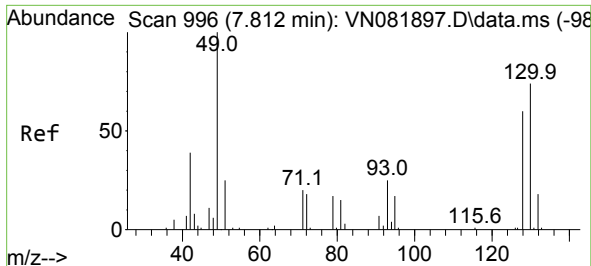
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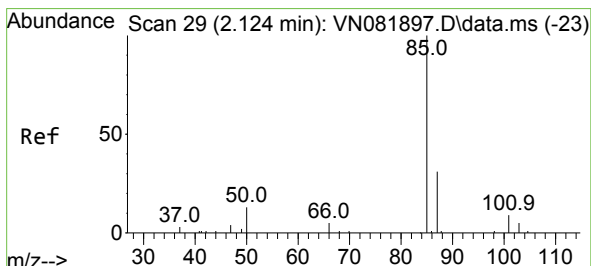
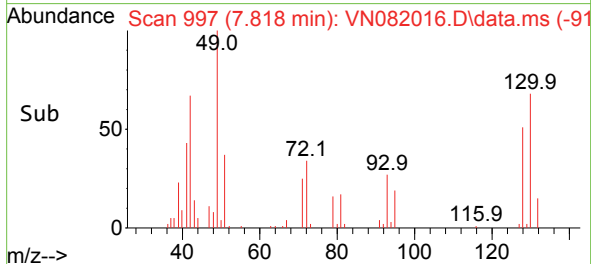
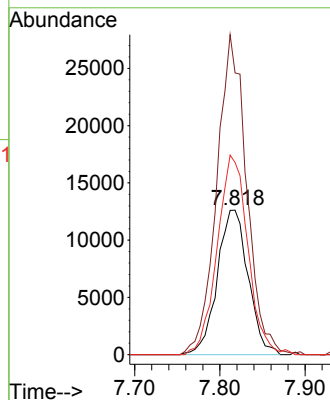
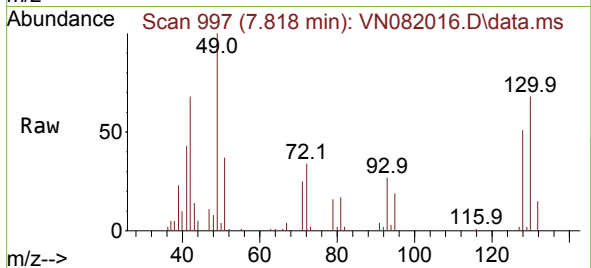




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

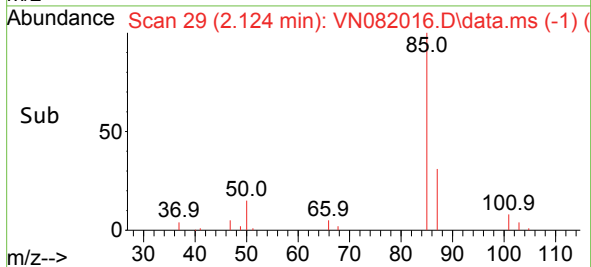
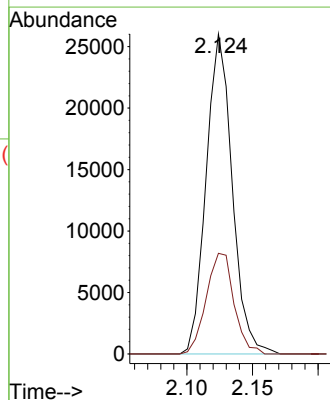
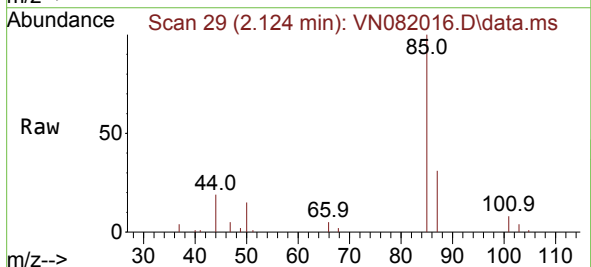
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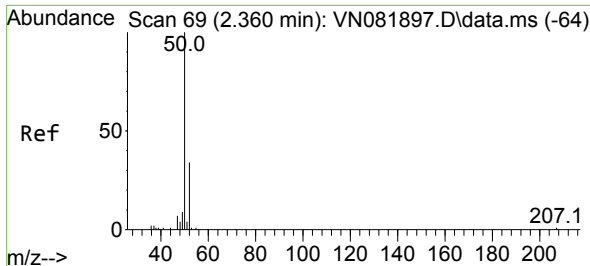
Tgt Ion:128 Resp: 31873
Ion Ratio Lower Upper
128 100
49 213.6 0.0 403.7
130 136.3 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 19.896 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 85 Resp: 35997
Ion Ratio Lower Upper
85 100
87 31.5 16.8 50.3

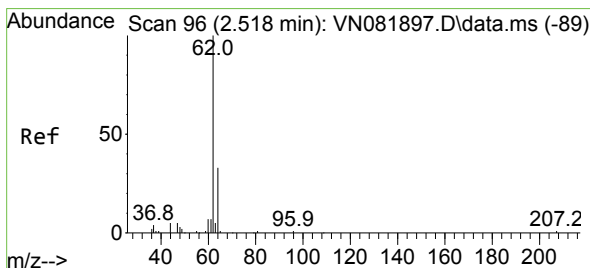
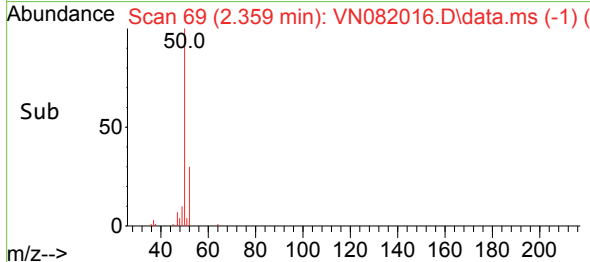
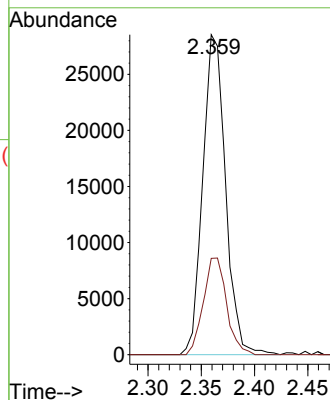
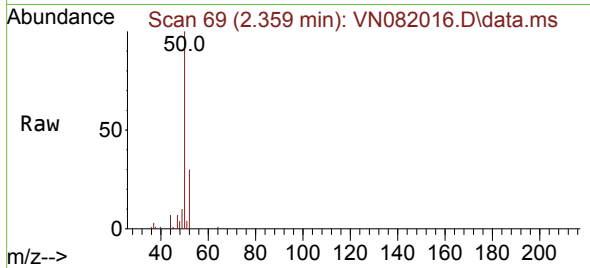




#3
Chloromethane
Concen: 20.276 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

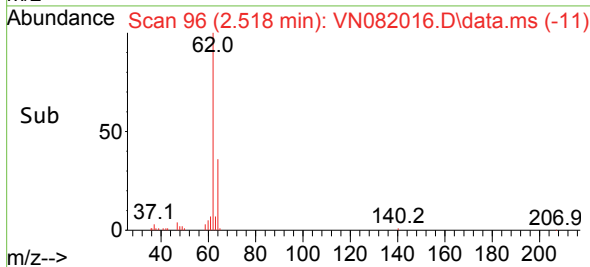
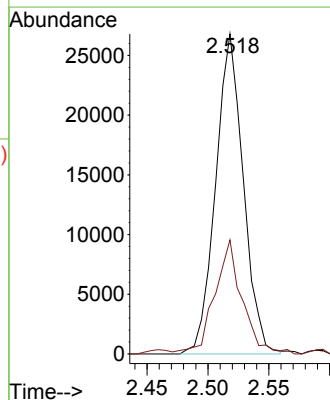
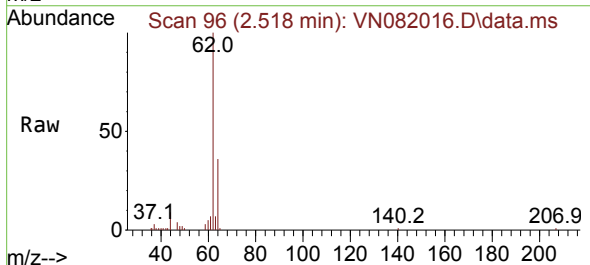
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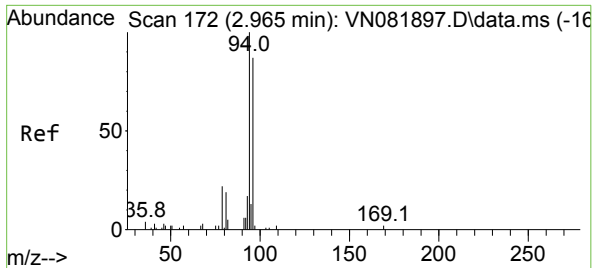
Tgt Ion: 50 Resp: 42543
Ion Ratio Lower Upper
50 100
52 30.1 25.4 38.0



#4
Vinyl Chloride
Concen: 21.380 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 62 Resp: 42378
Ion Ratio Lower Upper
62 100
64 34.6 24.1 36.1

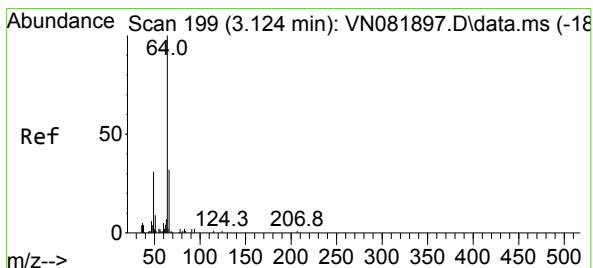
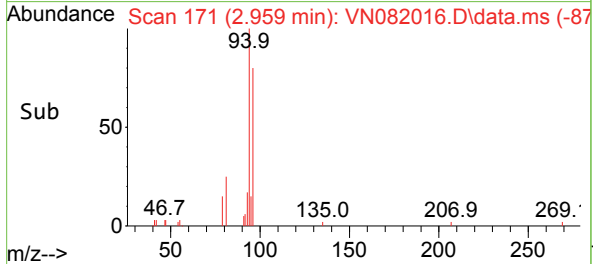
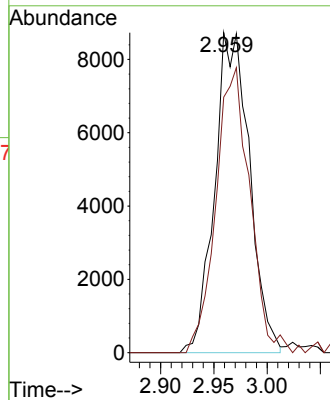
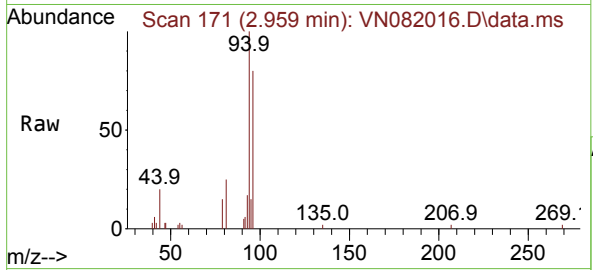




#5
Bromomethane
Concen: 19.199 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082016.D
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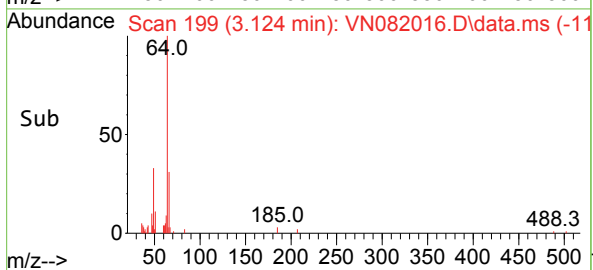
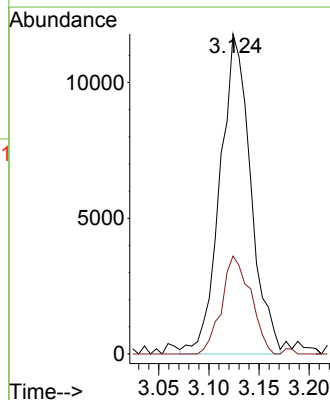
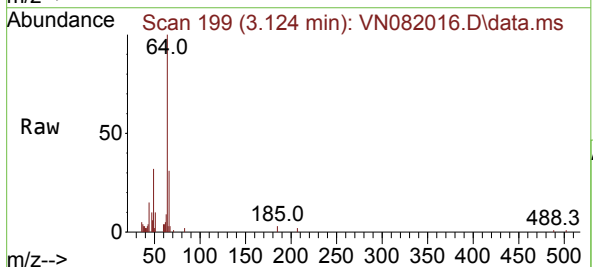
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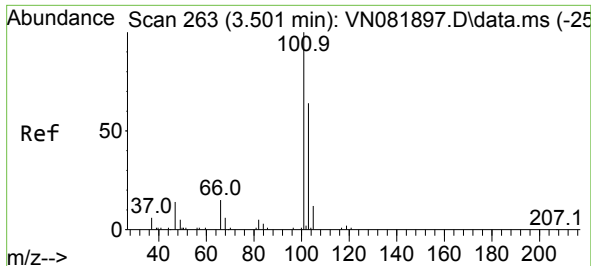
Tgt Ion: 94 Resp: 19857
Ion Ratio Lower Upper
94 100
96 79.8 72.8 109.2



#6
Chloroethane
Concen: 22.325 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 64 Resp: 25058
Ion Ratio Lower Upper
64 100
66 31.0 26.7 40.1

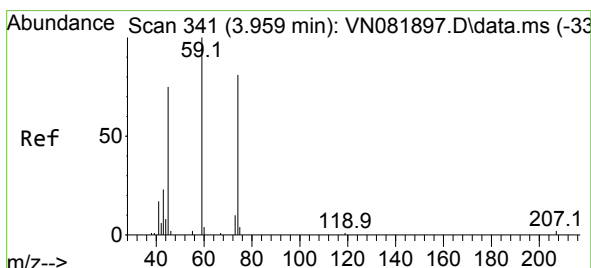
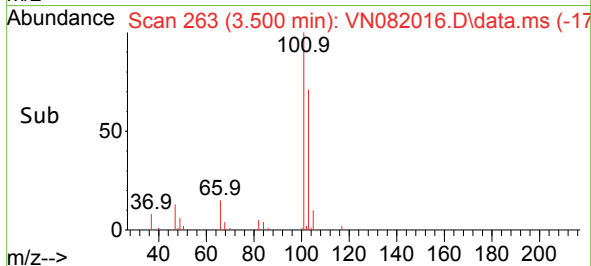
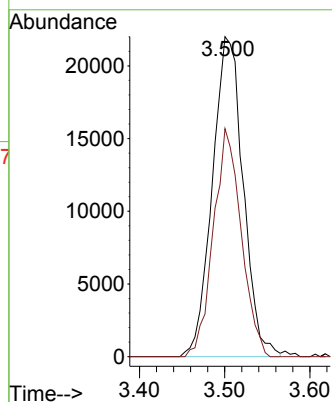
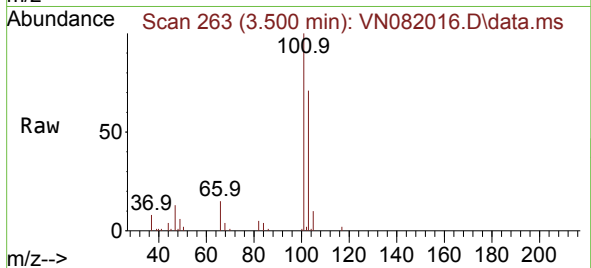




#7
 Trichlorofluoromethane
 Concen: 19.070 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082016.D
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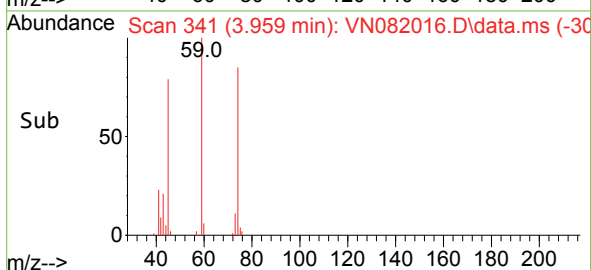
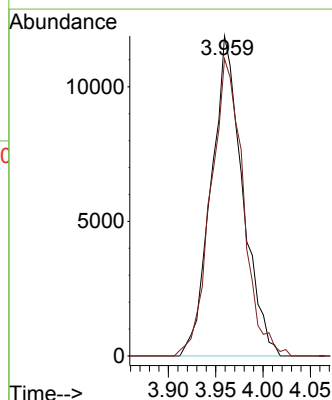
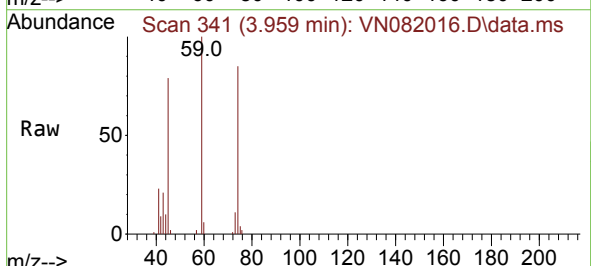
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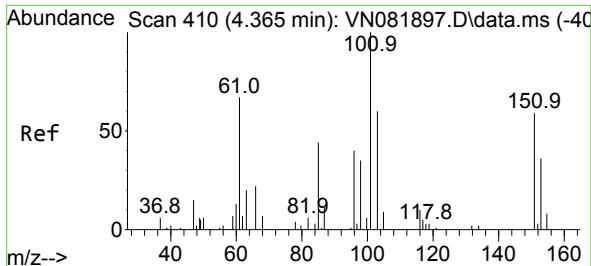
Tgt Ion:101 Resp: 55311
 Ion Ratio Lower Upper
 101 100
 103 71.2 53.0 79.4



#8
 Diethyl Ether
 Concen: 19.516 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN082016.D
 Acq: 07 May 2024 10:06

Tgt Ion: 74 Resp: 27402
 Ion Ratio Lower Upper
 74 100
 45 93.6 16.4 147.4

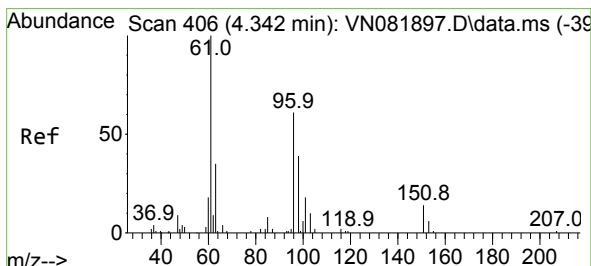
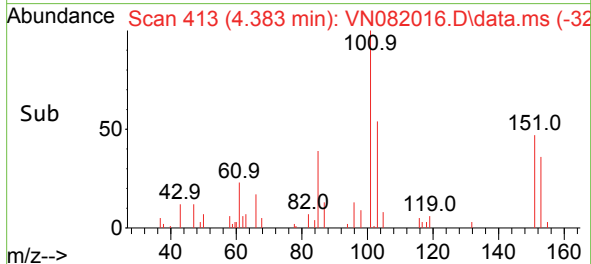
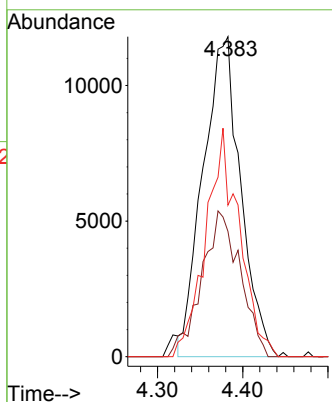
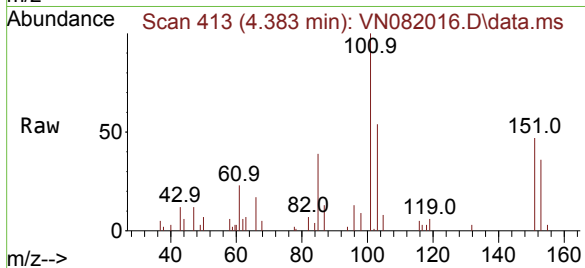




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.224 ug/l
RT: 4.383 min Scan# 410
Delta R.T. 0.017 min
Lab File: VN082016.D
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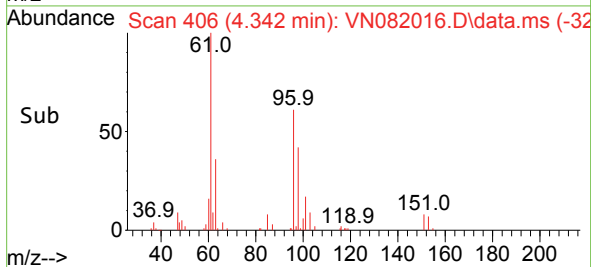
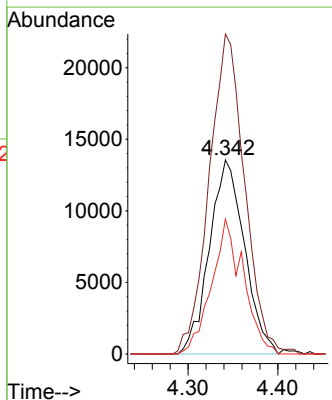
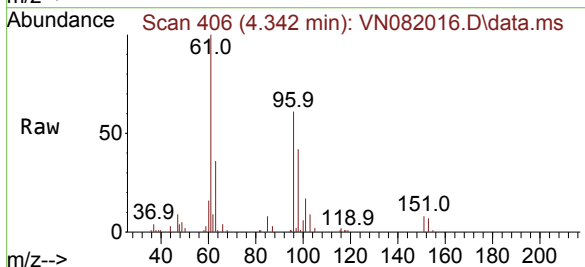
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ClientSampleId :
VN0507WBS01

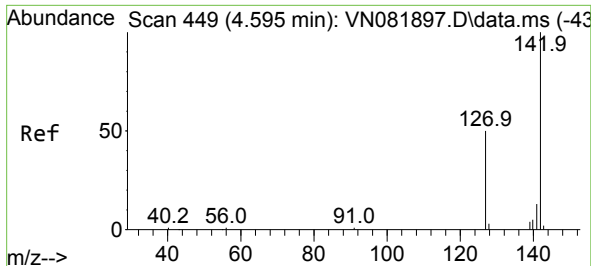
Tgt Ion:101 Resp: 36236
Ion Ratio Lower Upper
101 100
85 43.9 0.0 90.6
151 41.6 0.0 157.6



#10
1,1-Dichloroethene
Concen: 18.925 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 96 Resp: 36814
Ion Ratio Lower Upper
96 100
61 163.4 117.6 176.4
98 69.5 48.4 72.6

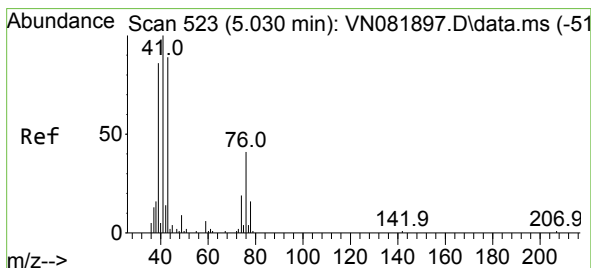
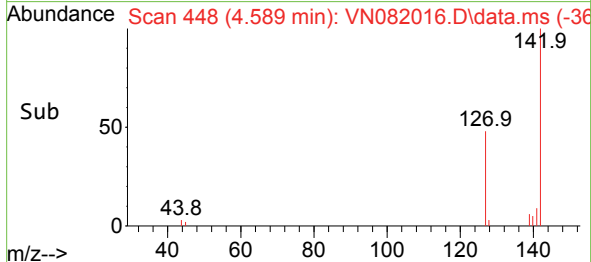
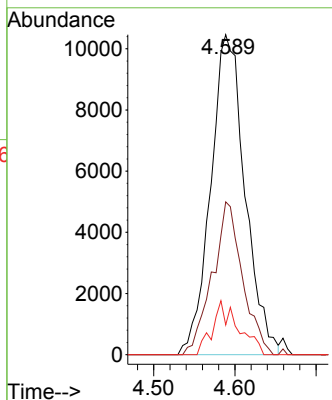
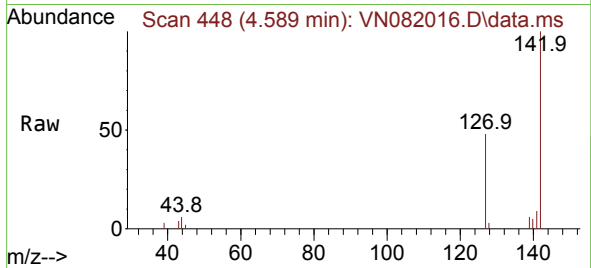




#11
Methyl Iodide
Concen: 17.276 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

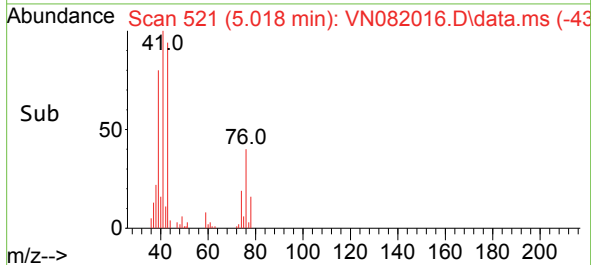
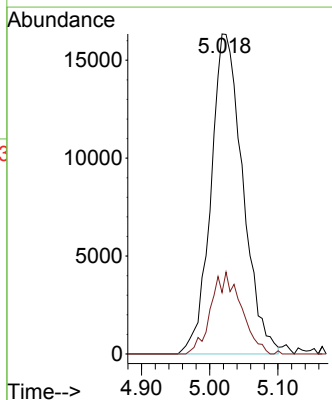
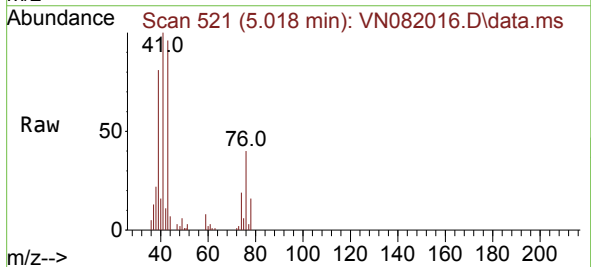
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

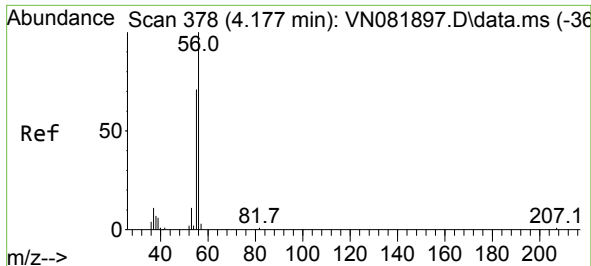
Tgt Ion:142 Resp: 30713
Ion Ratio Lower Upper
142 100
127 48.5 26.3 78.9
141 9.4 8.3 24.9



#12
Methyl Acetate
Concen: 21.823 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 43 Resp: 53157
Ion Ratio Lower Upper
43 100
74 18.9 27.7 41.5#

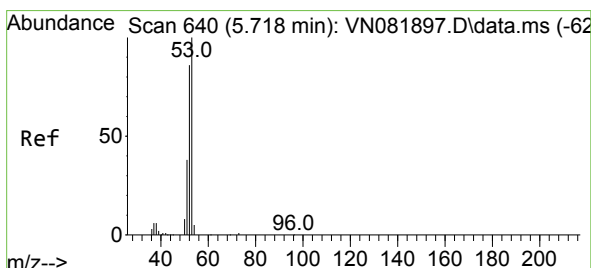
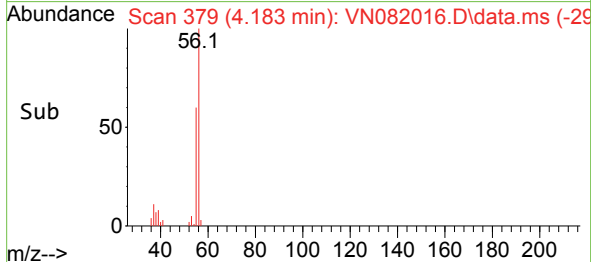
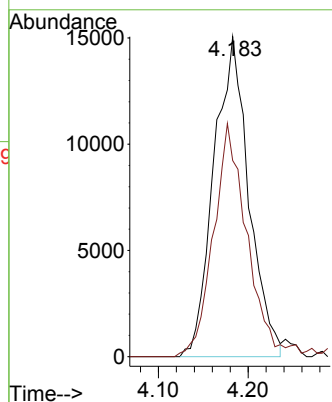
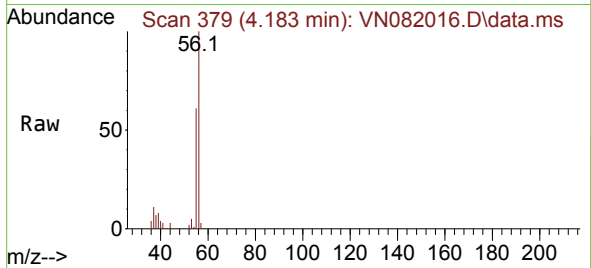




#13
Acrolein
Concen: 78.724 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

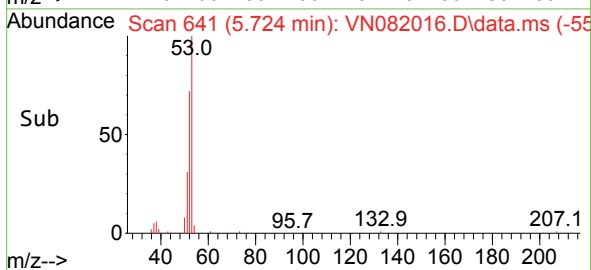
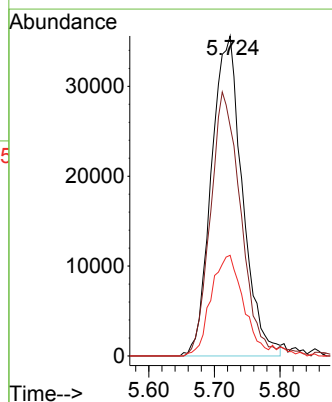
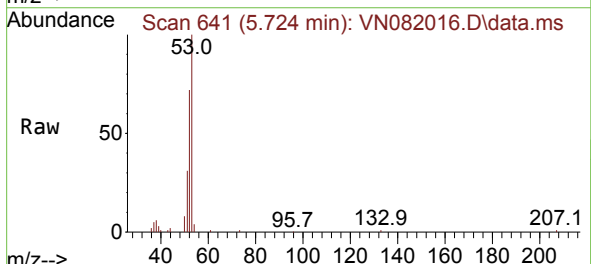
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

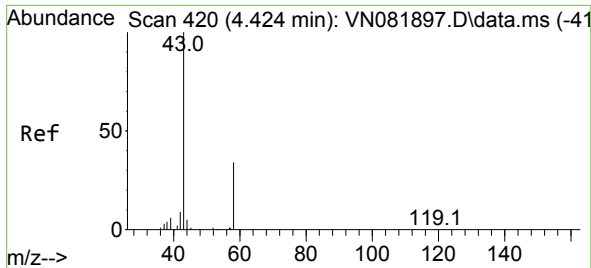
Tgt Ion: 56 Resp: 40754
Ion Ratio Lower Upper
56 100
55 68.2 55.5 83.3



#14
Acrylonitrile
Concen: 105.212 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 53 Resp: 116962
Ion Ratio Lower Upper
53 100
52 80.0 41.3 123.9
51 32.7 16.8 50.3





#15

Acetone

Concen: 120.240 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

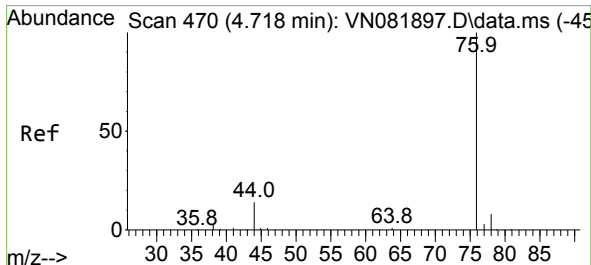
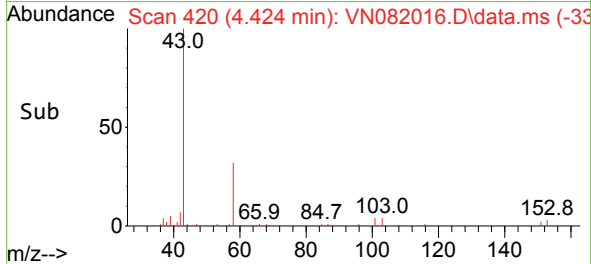
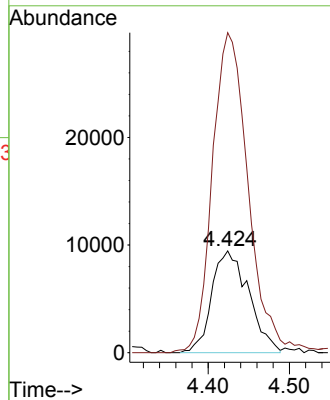
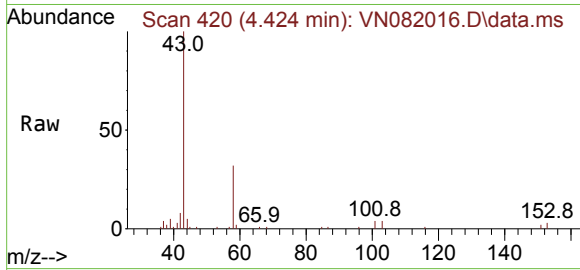
VN0507WBS01

Tgt Ion: 58 Resp: 29953

Ion Ratio Lower Upper

58 100

43 311.7 223.1 334.7



#16

Carbon Disulfide

Concen: 18.181 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN082016.D

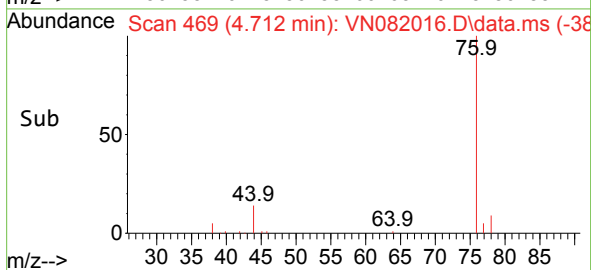
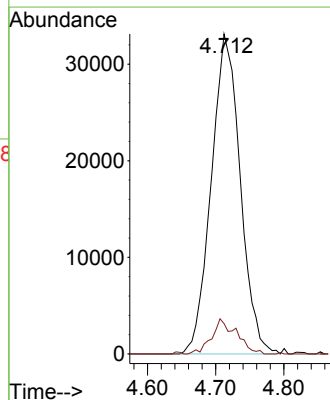
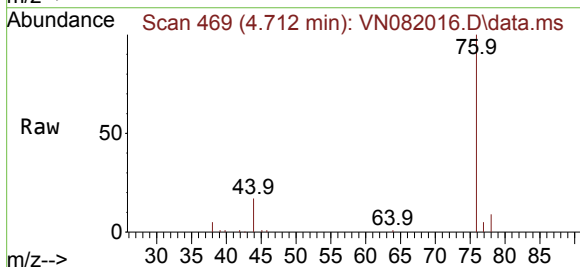
Acq: 07 May 2024 10:06

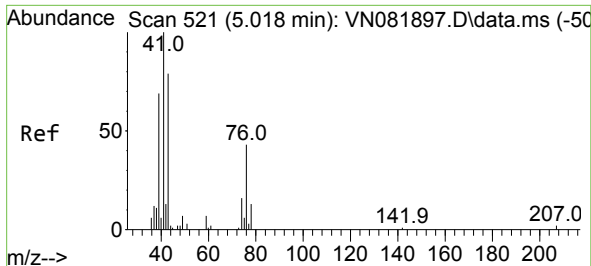
Tgt Ion: 76 Resp: 97986

Ion Ratio Lower Upper

76 100

78 9.0 6.3 9.5

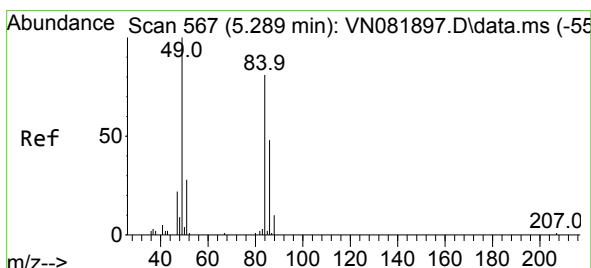
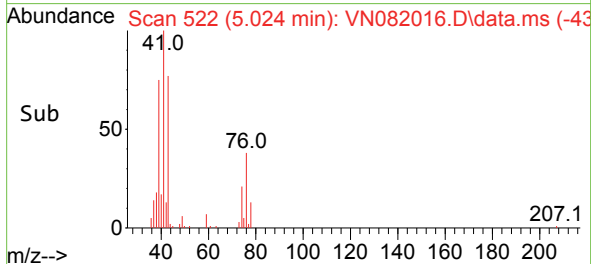
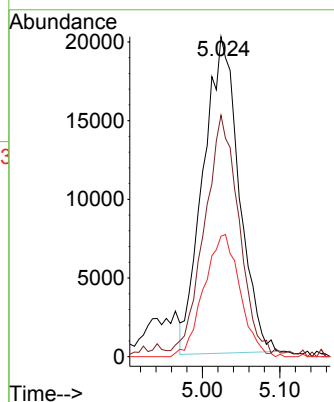
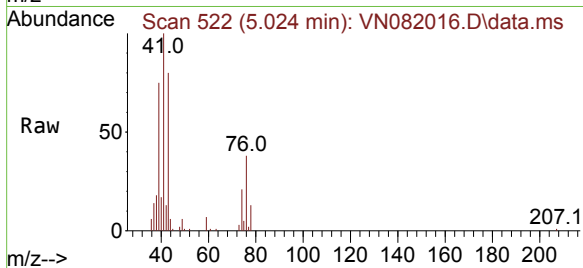




#17
 Allyl chloride
 Concen: 18.963 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN082016.D
 Acq: 07 May 2024 10:06

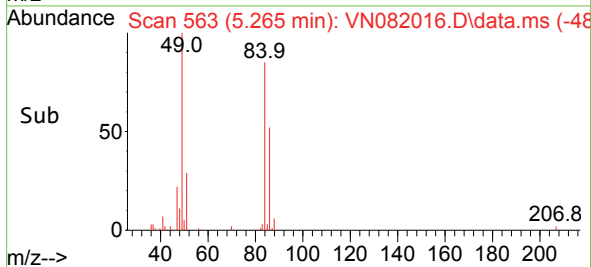
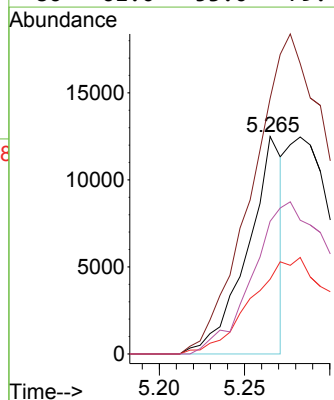
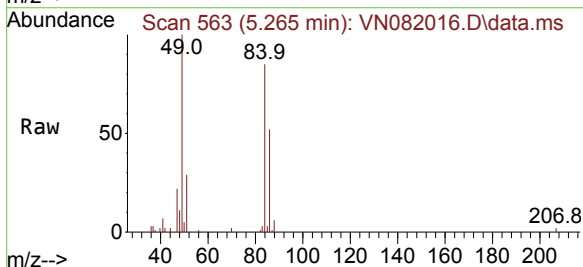
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

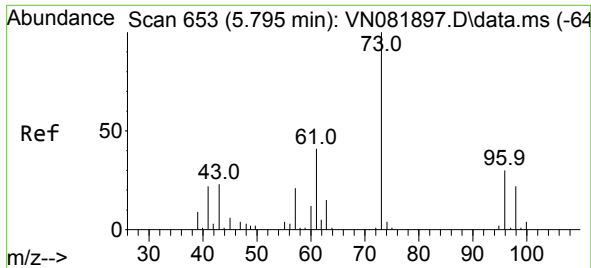
Tgt Ion:	41	Resp:	64763
Ion	Ratio	Lower	Upper
41	100		
39	75.5	37.6	112.9
76	37.5	27.8	83.4



#18
 Methylene Chloride
 Concen: 8.030 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.024 min
 Lab File: VN082016.D
 Acq: 07 May 2024 10:06

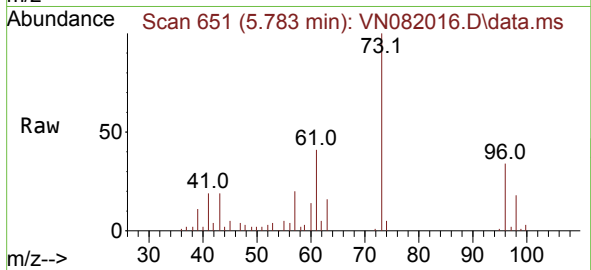
Tgt Ion:	84	Resp:	17773
Ion	Ratio	Lower	Upper
84	100		
49	117.5	86.0	129.0
51	34.4	30.0	45.0
86	61.0	53.0	79.4



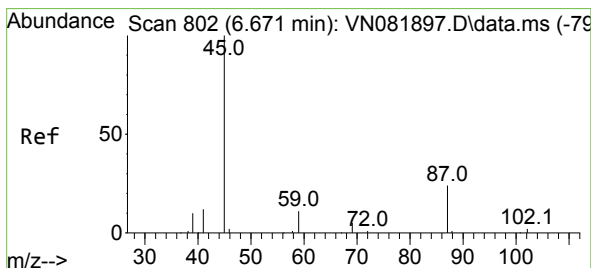
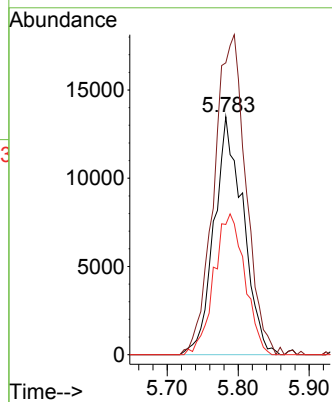
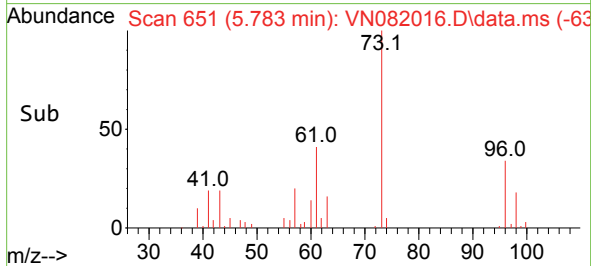


#19
trans-1,2-Dichloroethene
Concen: 18.890 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

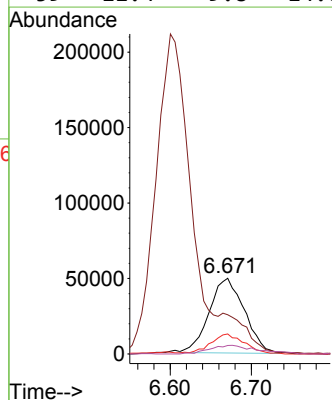
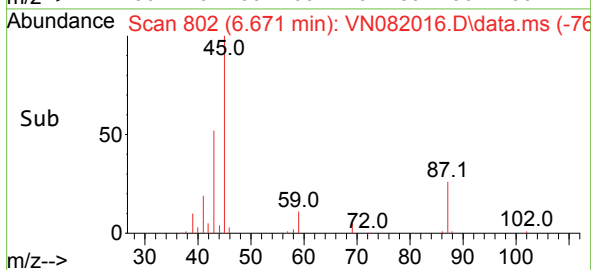
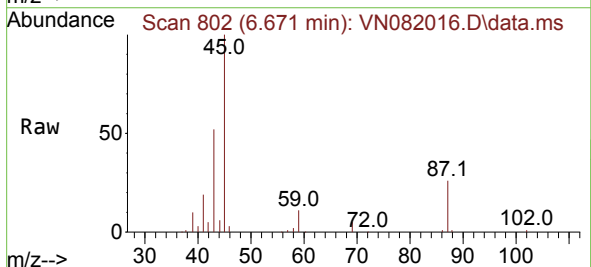


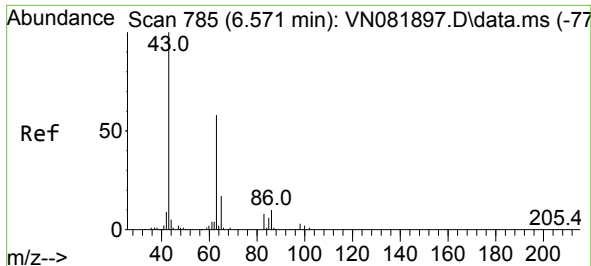
Tgt Ion: 96 Resp: 38249
Ion Ratio Lower Upper
96 100
61 122.6 111.8 167.6
98 54.7 49.2 73.8



#20
Diisopropyl ether
Concen: 19.728 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 45 Resp: 149076
Ion Ratio Lower Upper
45 100
43 50.4 40.4 60.6
87 26.2 23.8 35.8
59 11.4 9.8 14.6

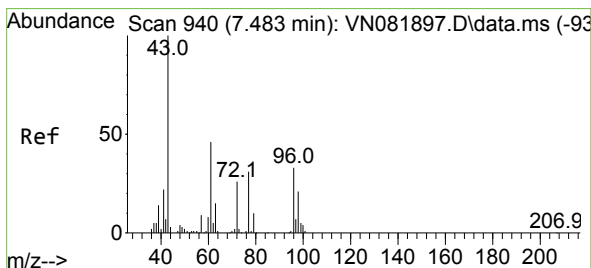
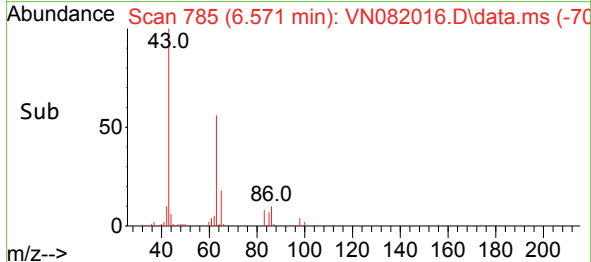
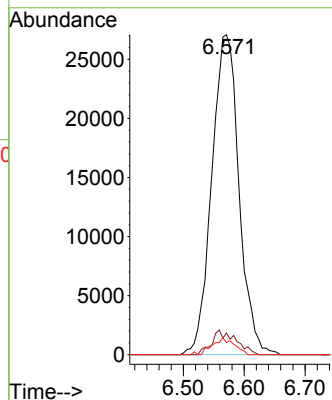
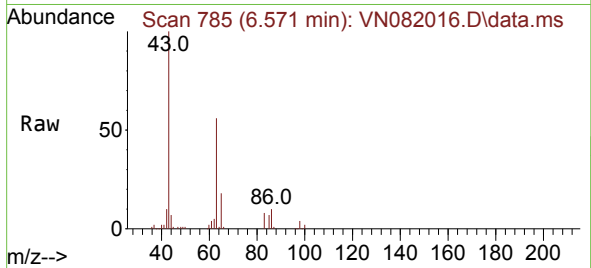




#21
1,1-Dichloroethane
Concen: 21.041 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

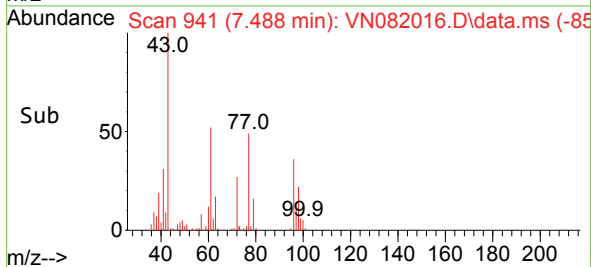
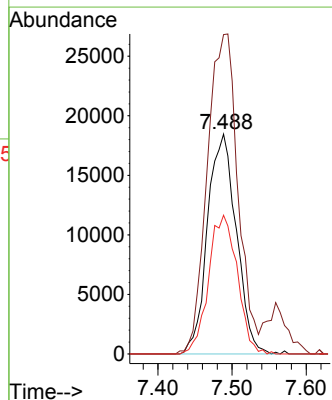
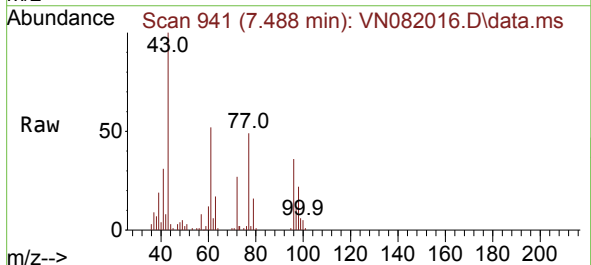
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

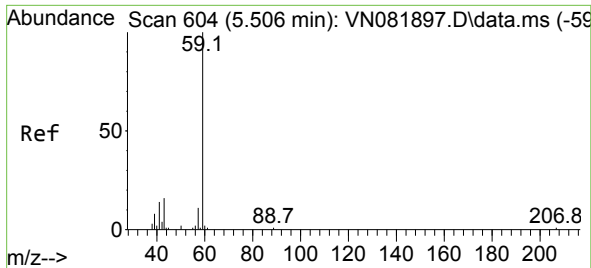
Tgt Ion:	63	Resp:	84188
Ion Ratio	Lower	Upper	
63	100		
98	6.8	4.1	12.3
100	3.8	3.0	9.0



#22
cis-1,2-Dichloroethene
Concen: 20.234 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion:	96	Resp:	49927
Ion Ratio	Lower	Upper	
96	100		
61	154.8	113.5	170.3
98	62.8	52.0	78.0

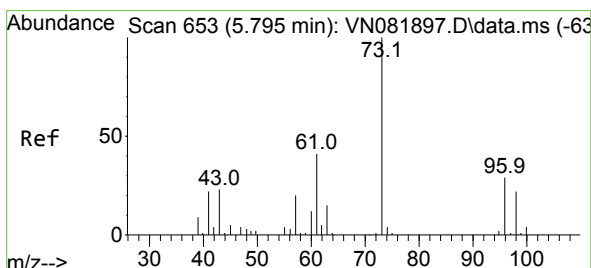
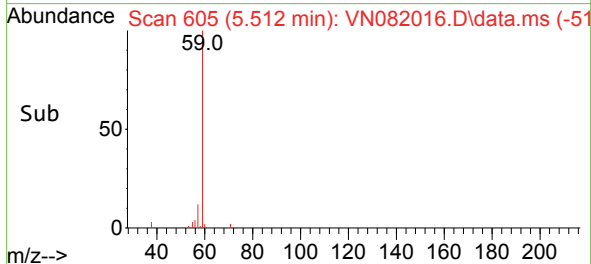
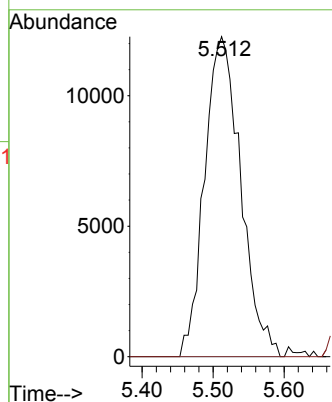
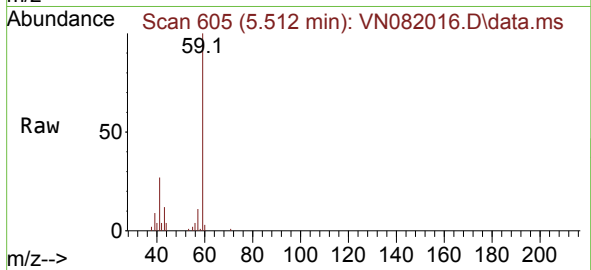




#23
tert-Butyl Alcohol
Concen: 94.713 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

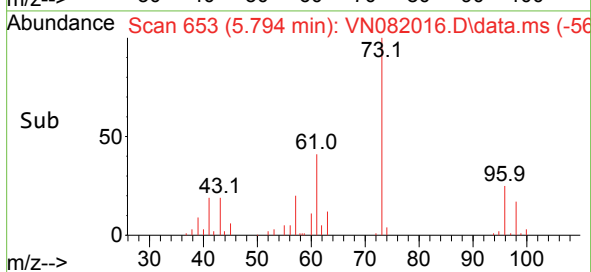
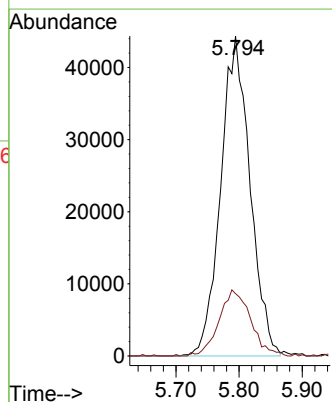
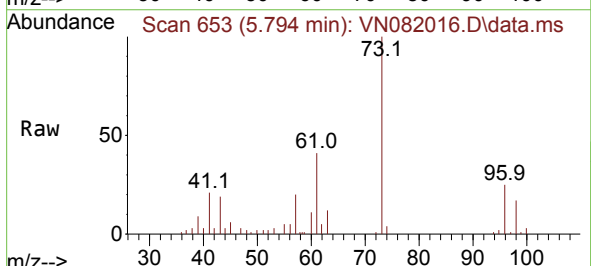
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

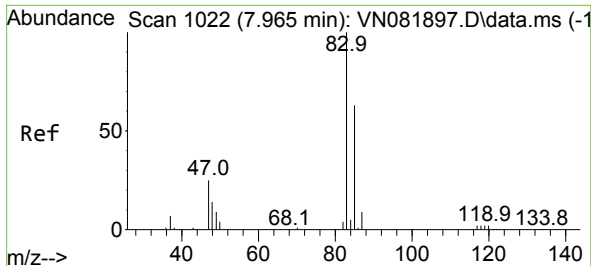
Tgt Ion: 59 Resp: 43370
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.363 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 73 Resp: 142811
Ion Ratio Lower Upper
73 100
43 22.1 13.4 20.2#





#25

Chloroform

Concen: 20.502 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

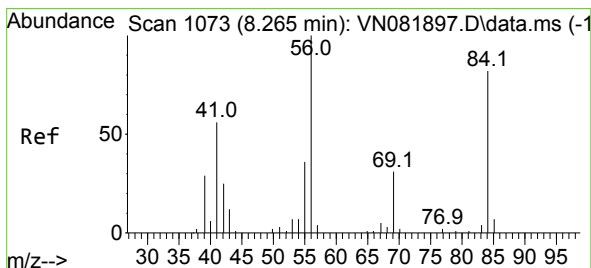
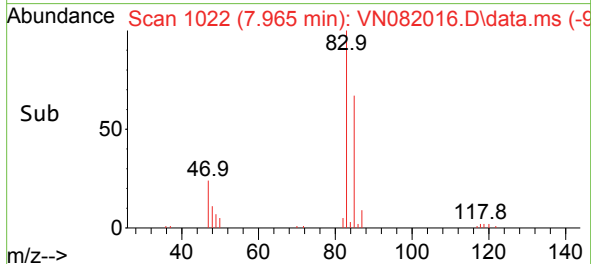
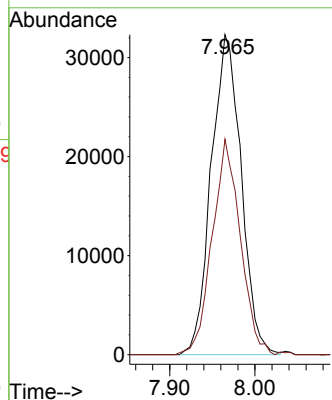
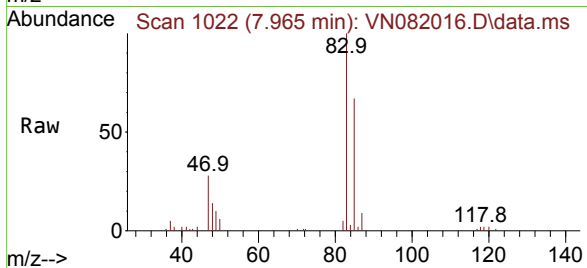
VN0507WBS01

Tgt Ion: 83 Resp: 78917

Ion Ratio Lower Upper

83 100

85 66.7 50.9 76.3



#26

Cyclohexane

Concen: 19.689 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

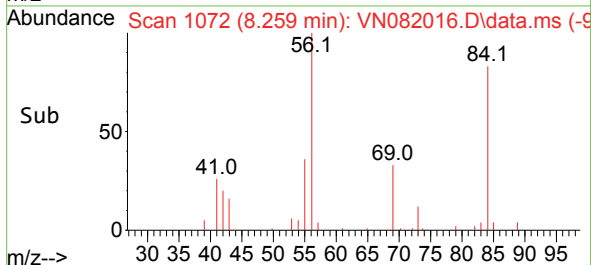
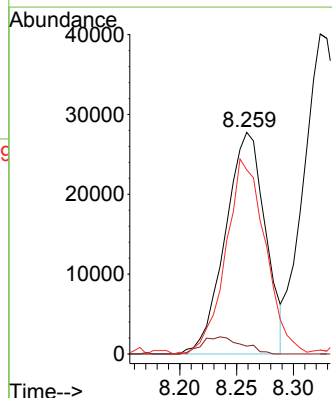
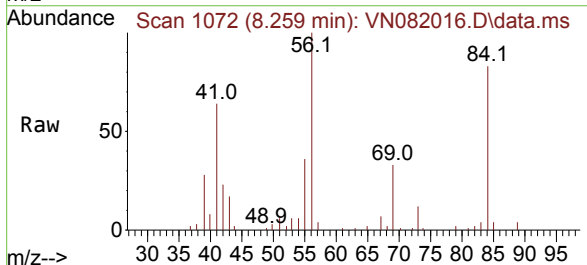
Tgt Ion: 56 Resp: 68122

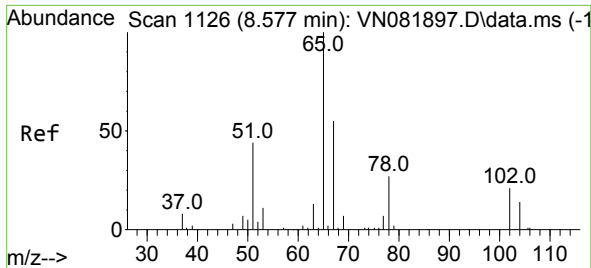
Ion Ratio Lower Upper

56 100

89 7.0 19.3 28.9#

84 86.7 71.3 106.9

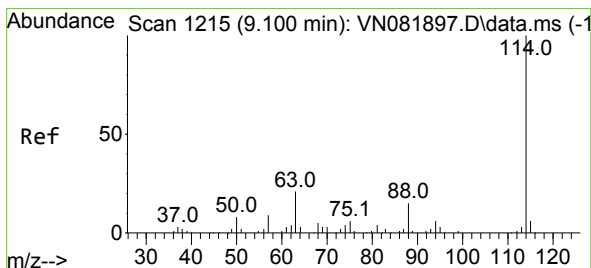
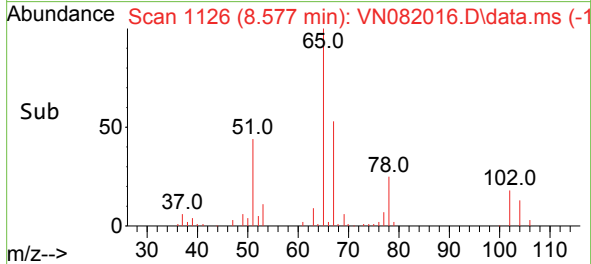
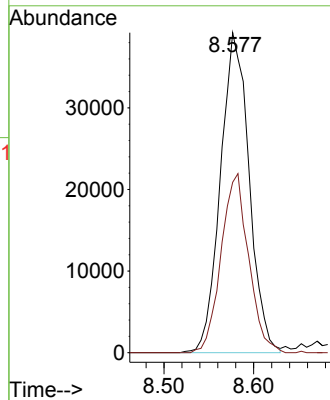
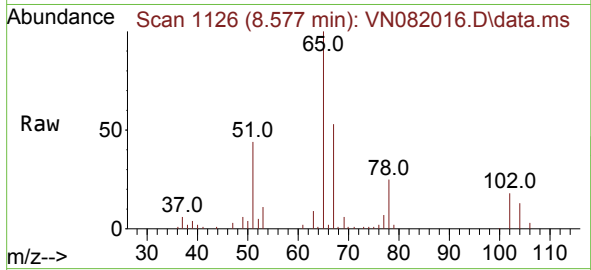




#27
1,2-Dichloroethane-d4
Concen: 32.599 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

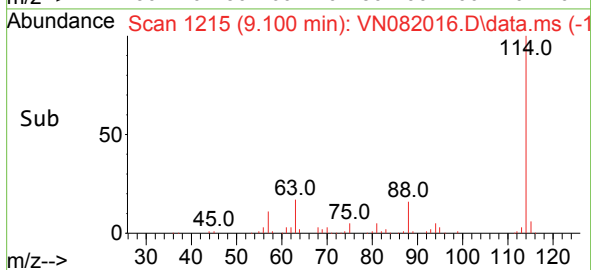
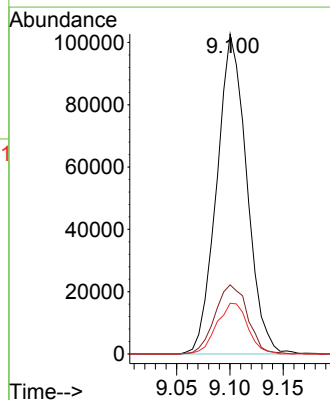
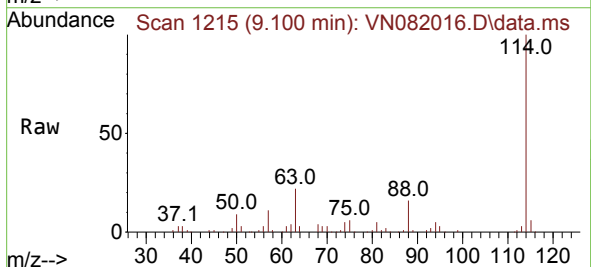
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

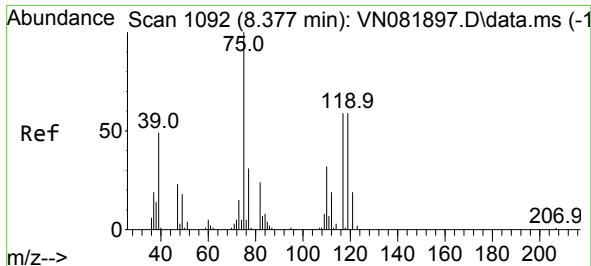
Tgt Ion: 65 Resp: 86992
Ion Ratio Lower Upper
65 100
67 53.7 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 114 Resp: 200775
Ion Ratio Lower Upper
114 100
63 23.5 15.9 23.9
88 16.4 12.7 19.1

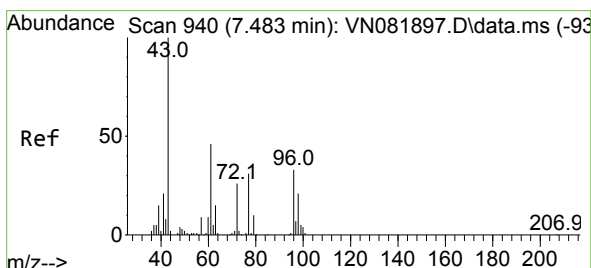
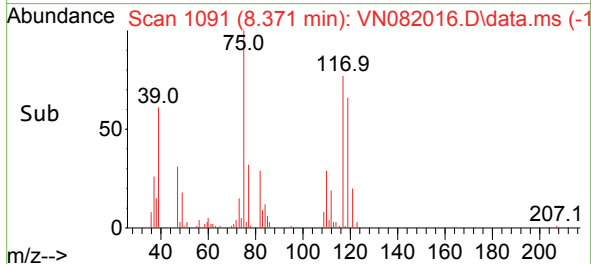
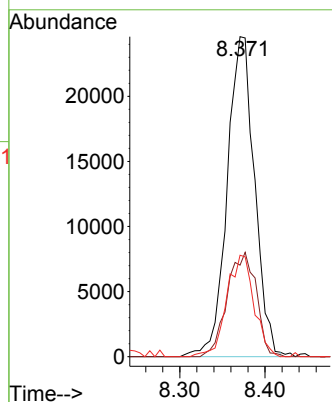
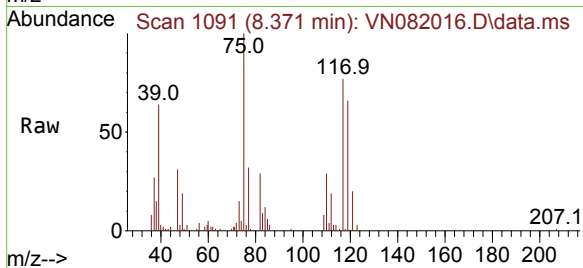




#29
1,1-Dichloropropene
Concen: 18.369 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

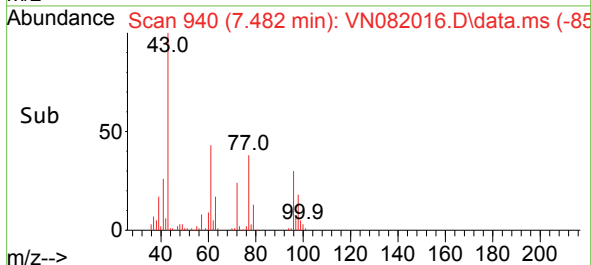
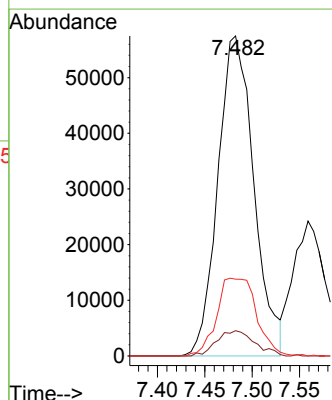
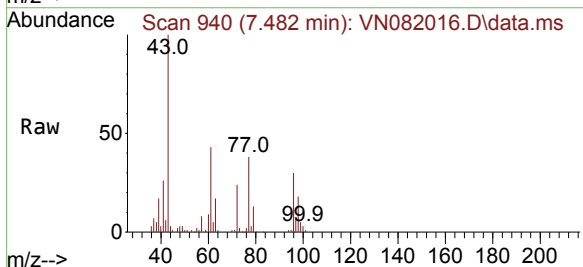
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

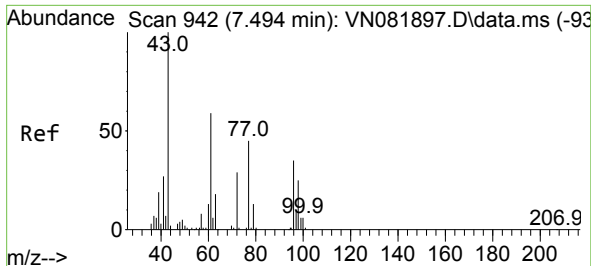
Tgt Ion: 75 Resp: 54906
Ion Ratio Lower Upper
75 100
110 34.5 0.0 70.2
77 31.7 0.0 61.4



#30
2-Butanone
Concen: 98.685 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 43 Resp: 152051
Ion Ratio Lower Upper
43 100
57 7.8 6.7 10.1
72 17.3 24.0 36.0#





#31

2,2-Dichloropropane

Concen: 22.782 ug/l

RT: 7.488 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

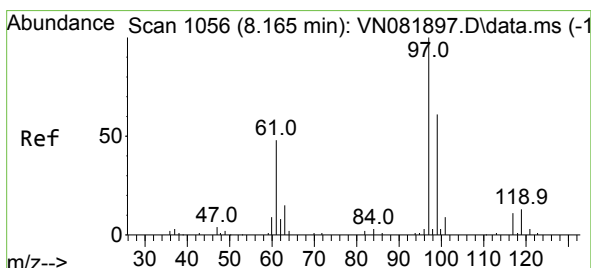
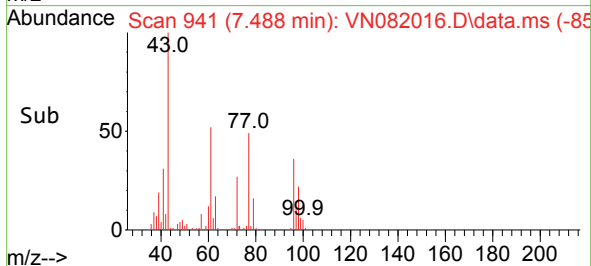
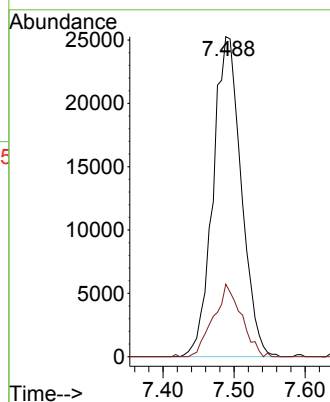
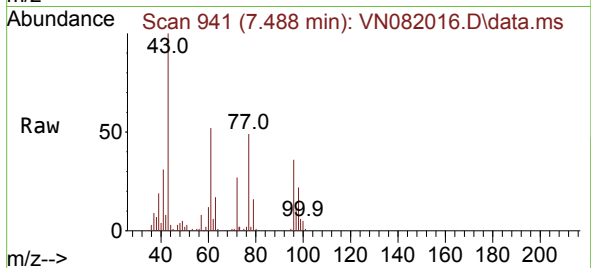
VN0507WBS01

Tgt Ion: 77 Resp: 69784

Ion Ratio Lower Upper

77 100

97 22.1 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 18.090 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

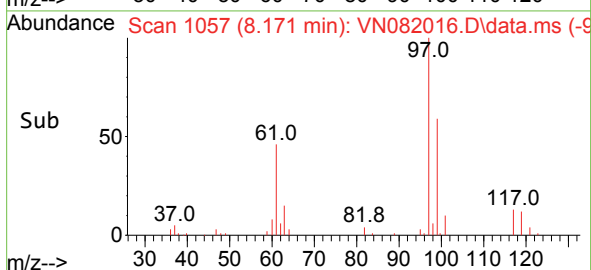
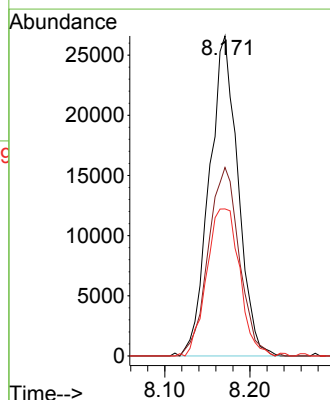
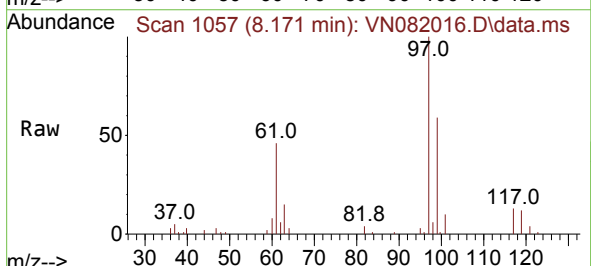
Tgt Ion: 97 Resp: 62187

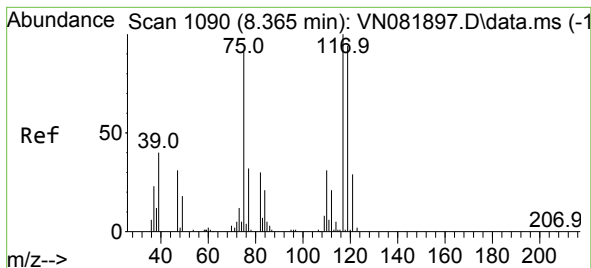
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 52.7 33.8 50.8#





#33

Carbon Tetrachloride

Concen: 17.692 ug/l

RT: 8.359 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

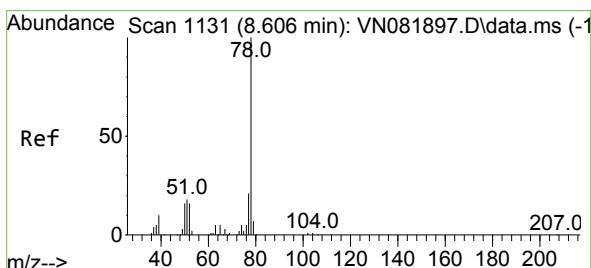
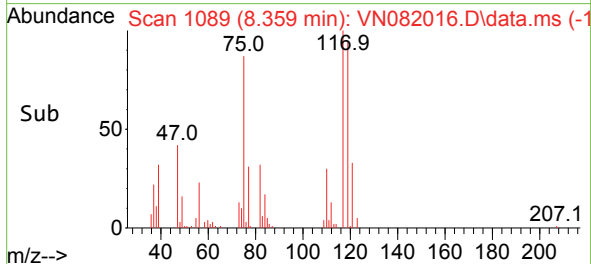
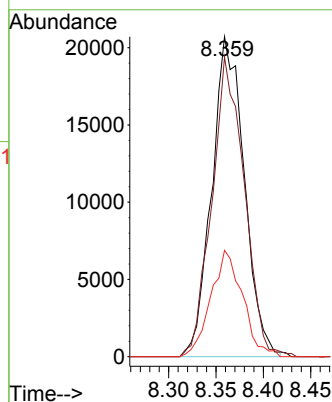
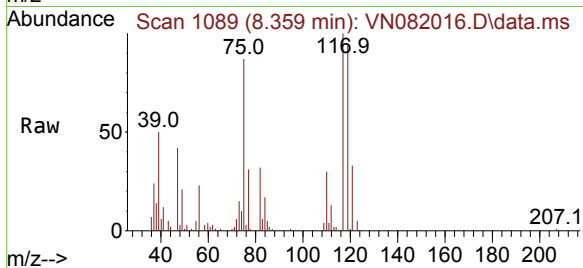
Tgt Ion:117 Resp: 49359

Ion Ratio Lower Upper

117 100

119 93.7 77.7 116.5

121 33.3 27.0 40.6



#34

Benzene

Concen: 19.626 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

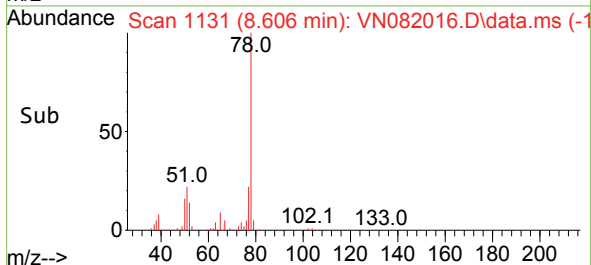
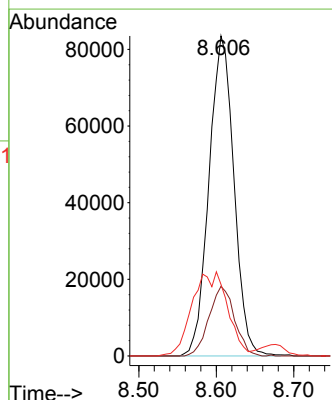
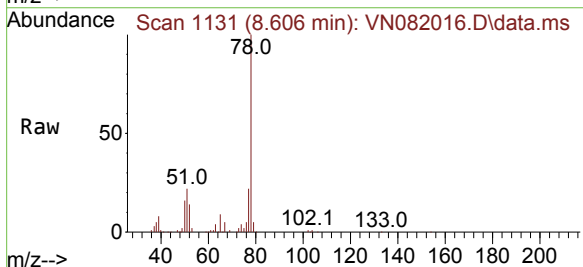
Tgt Ion: 78 Resp: 187145

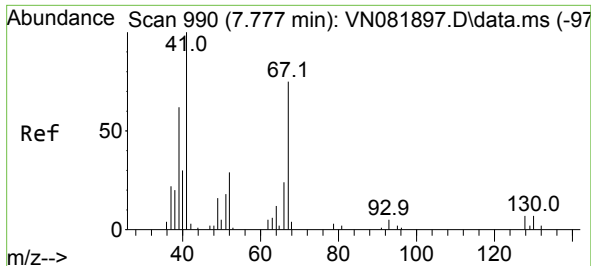
Ion Ratio Lower Upper

78 100

77 21.8 19.2 28.8

51 19.1 13.3 19.9

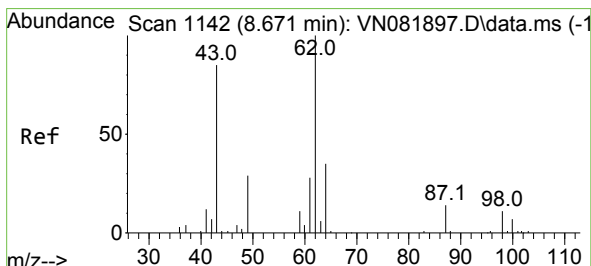
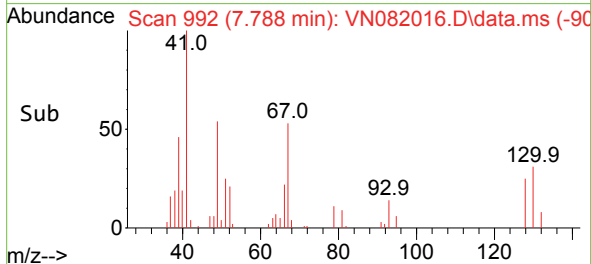
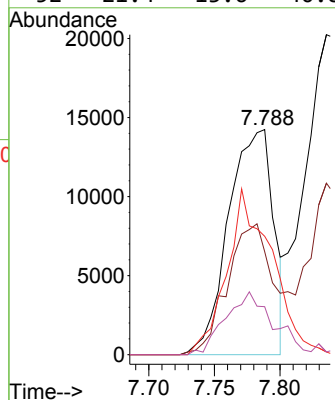
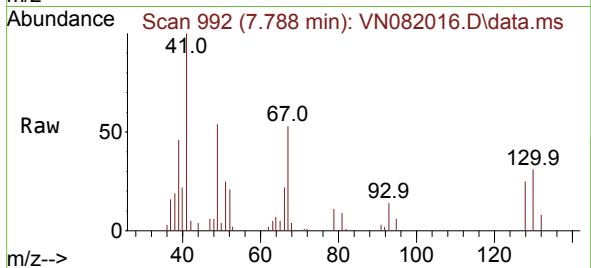




#35
Methacrylonitrile
Concen: 17.434 ug/l
RT: 7.788 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

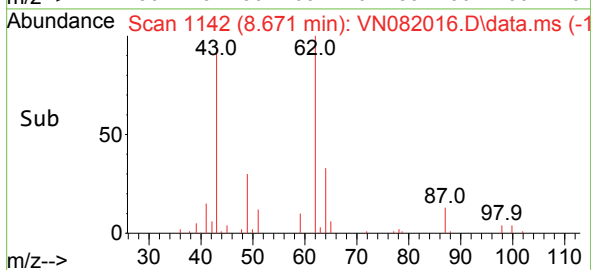
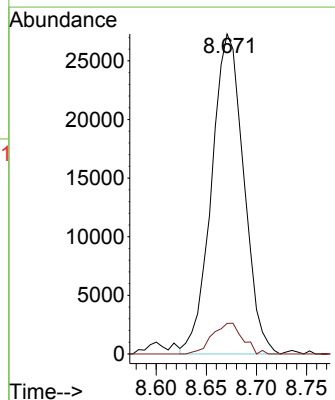
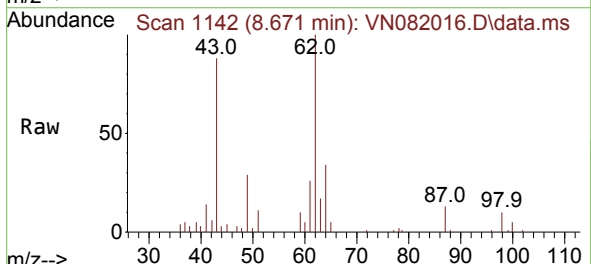
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

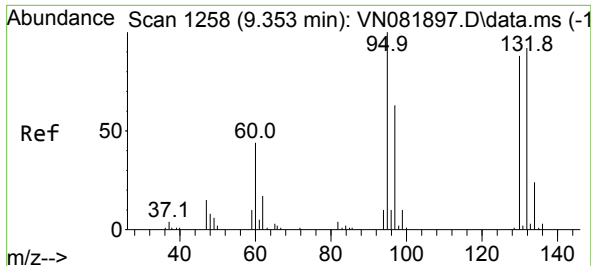
Tgt Ion:	41	Resp:	33984
Ion	Ratio	Lower	Upper
41	100		
39	45.7	25.3	75.9
67	52.6	38.7	116.1
52	21.4	13.6	40.8



#36
1,2-Dichloroethane
Concen: 19.041 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion:	62	Resp:	60951
Ion	Ratio	Lower	Upper
62	100		
98	8.9	8.2	12.4





#37

Trichloroethene

Concen: 16.146 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

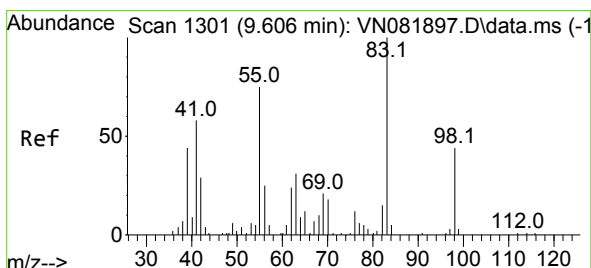
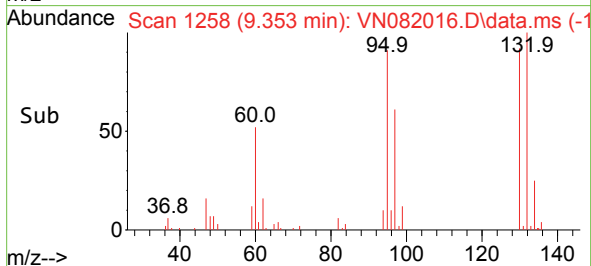
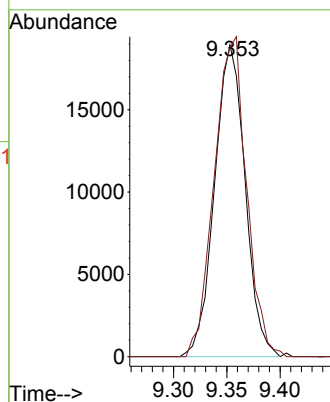
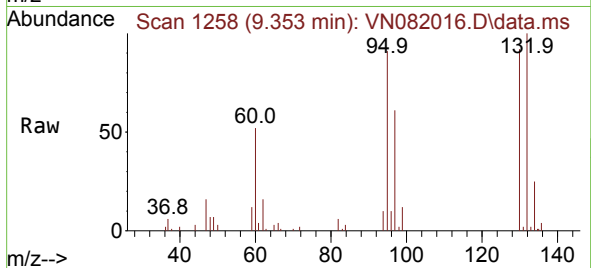
VN0507WBS01

Tgt Ion:130 Resp: 37711

Ion Ratio Lower Upper

130 100

95 99.1 80.2 120.4



#38

Methylcyclohexane

Concen: 17.846 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

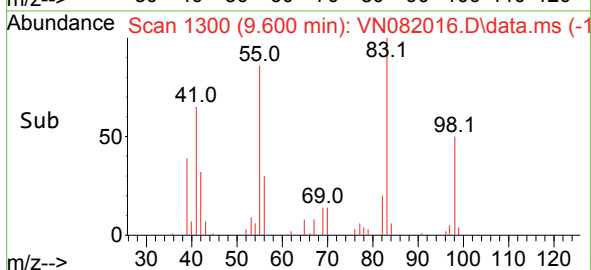
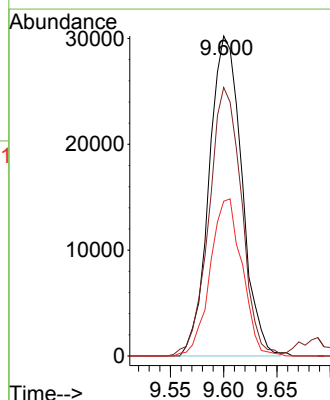
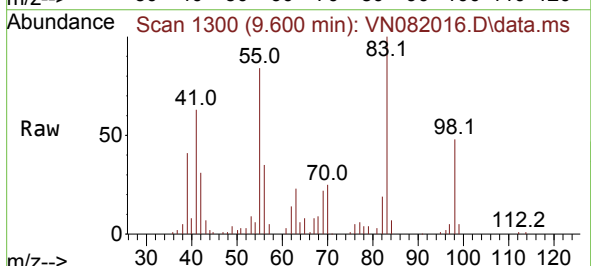
Tgt Ion: 83 Resp: 64438

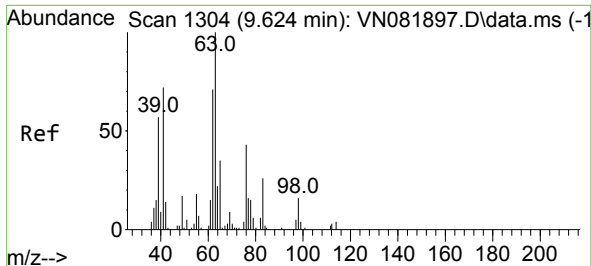
Ion Ratio Lower Upper

83 100

55 83.5 36.6 109.9

98 48.0 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.411 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

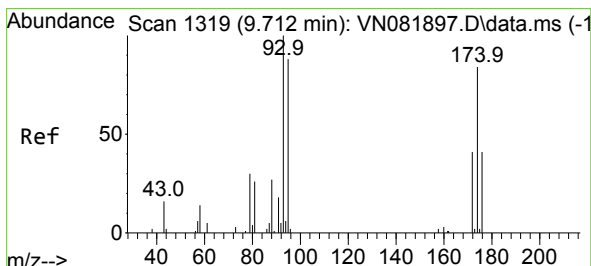
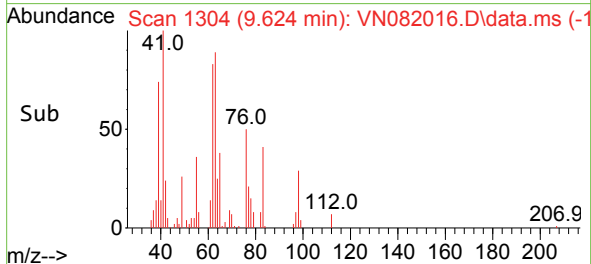
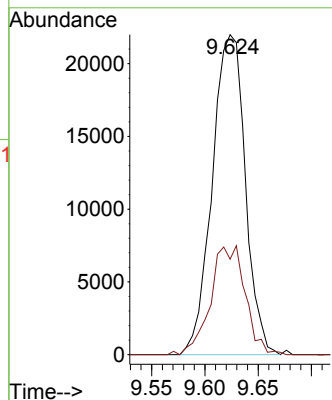
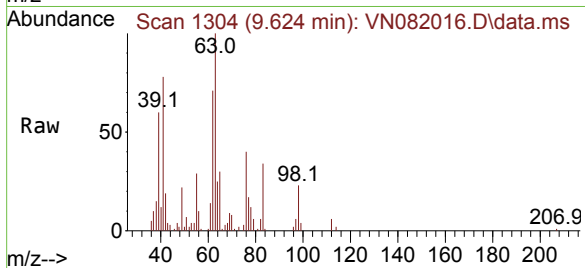
VN0507WBS01

Tgt Ion: 63 Resp: 47494

Ion Ratio Lower Upper

63 100

65 29.9 25.0 37.4



#40

Dibromomethane

Concen: 19.476 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

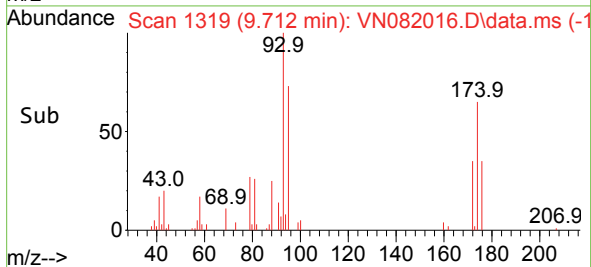
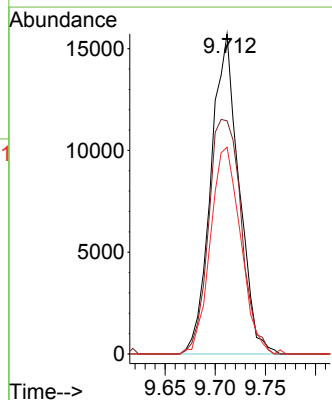
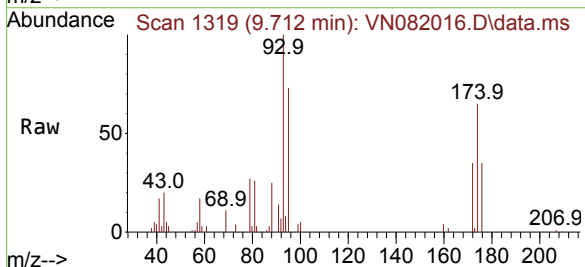
Tgt Ion: 93 Resp: 30614

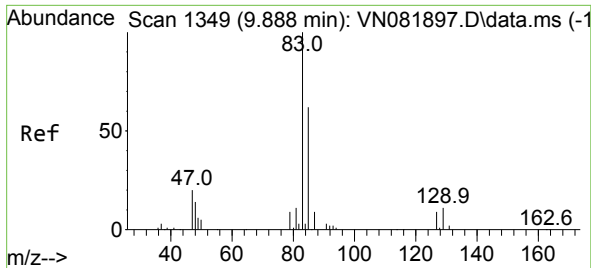
Ion Ratio Lower Upper

93 100

95 85.2 0.0 164.6

174 69.4 0.0 193.2

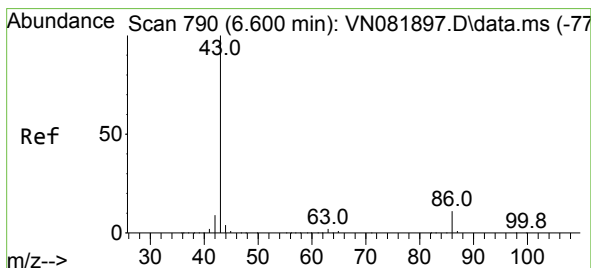
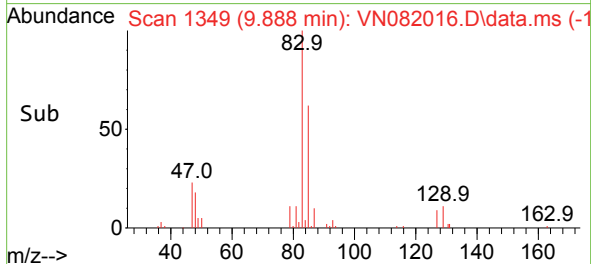
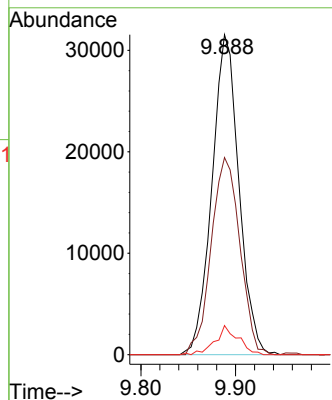
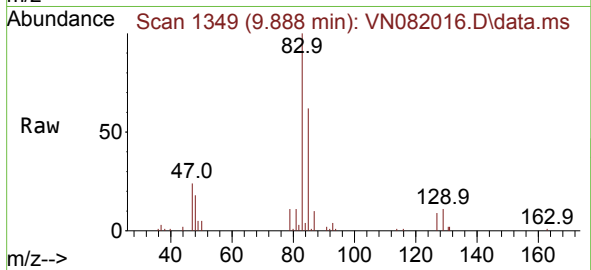




#41
Bromodichloromethane
Concen: 18.597 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

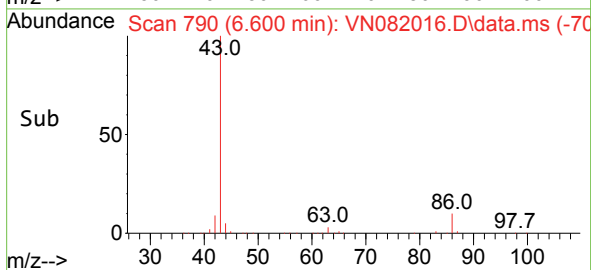
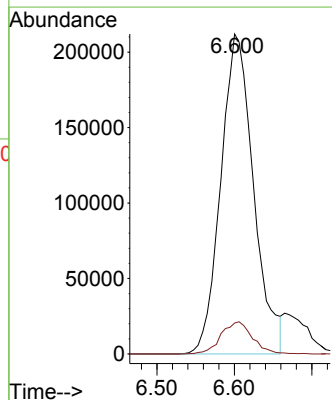
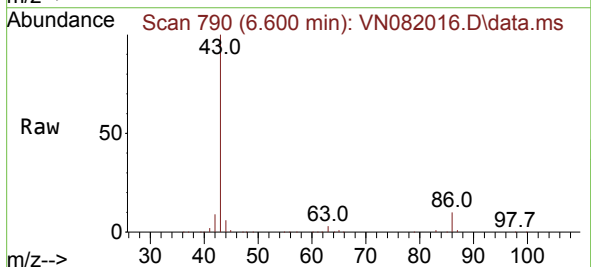
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

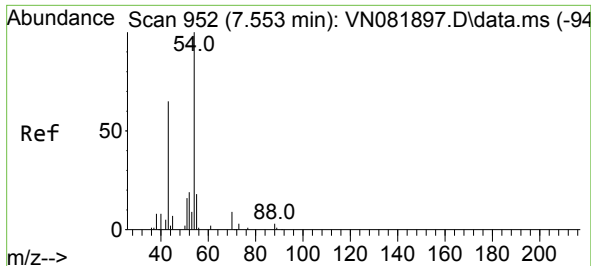
Tgt Ion: 83 Resp: 62479
Ion Ratio Lower Upper
83 100
85 61.6 49.4 74.2
127 9.1 7.3 10.9



#42
Vinyl Acetate
Concen: 95.042 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 43 Resp: 623287
Ion Ratio Lower Upper
43 100
86 9.7 9.4 14.2

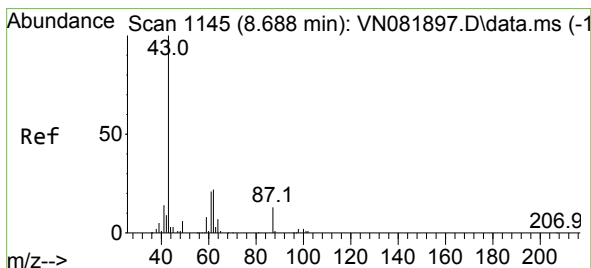
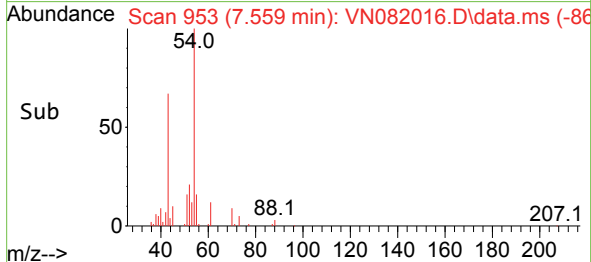
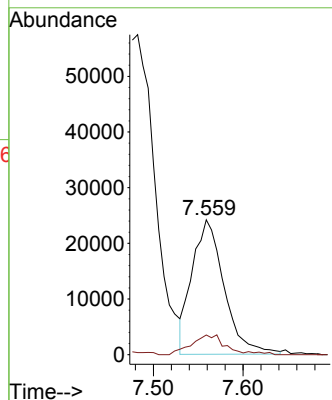
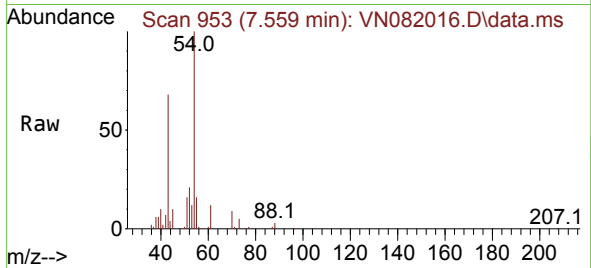




#43
Ethyl Acetate
Concen: 17.882 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

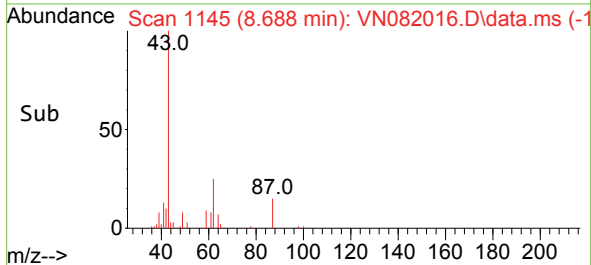
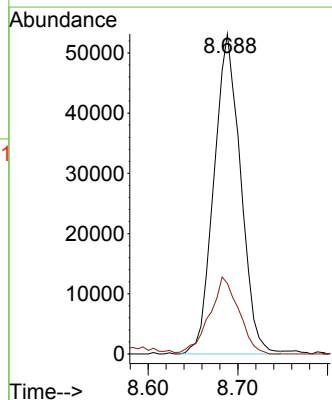
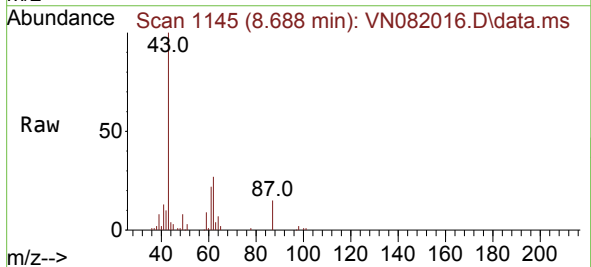
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

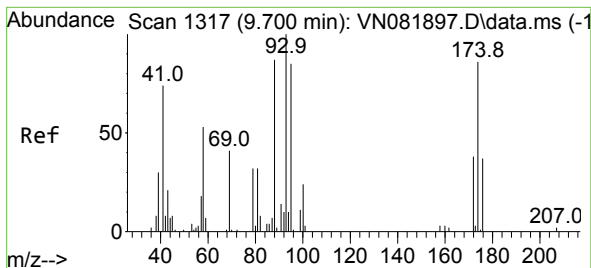
Tgt Ion: 43 Resp: 60072
Ion Ratio Lower Upper
43 100
45 9.7 10.6 15.8#



#44
Isopropyl Acetate
Concen: 18.396 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 43 Resp: 109712
Ion Ratio Lower Upper
43 100
61 26.3 25.0 37.4





#45

1,4-Dioxane

Concen: 342.049 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

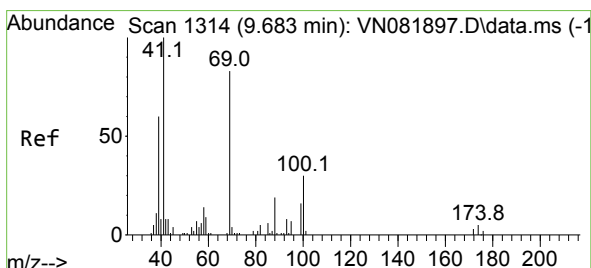
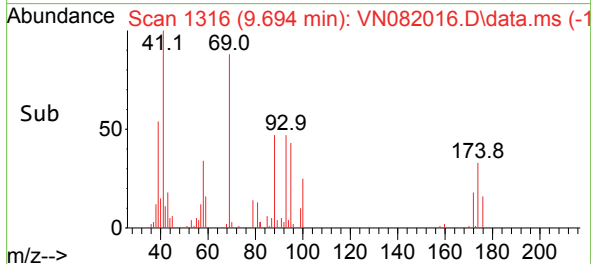
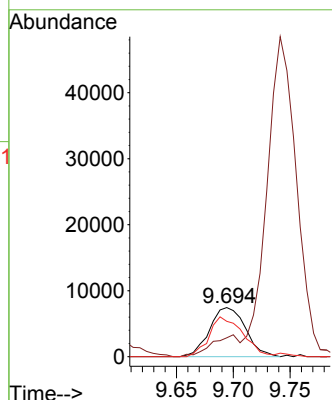
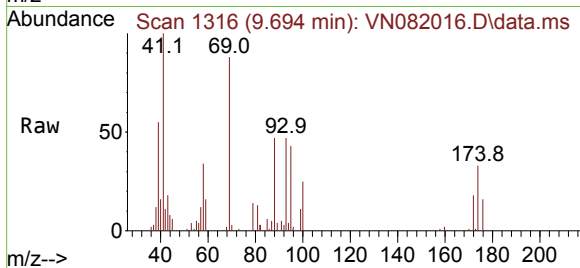
Tgt Ion: 88 Resp: 16360

Ion Ratio Lower Upper

88 100

43 34.0 19.8 29.6#

58 76.4 55.4 83.0



#46

Methyl methacrylate

Concen: 18.320 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

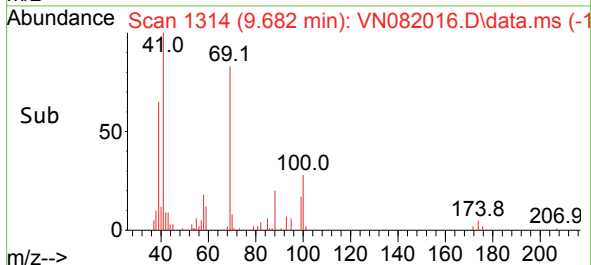
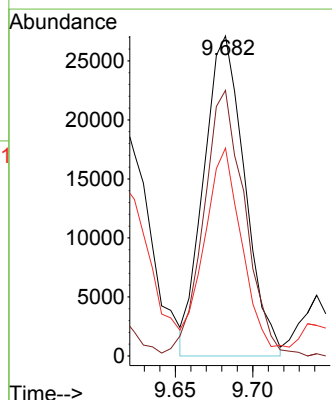
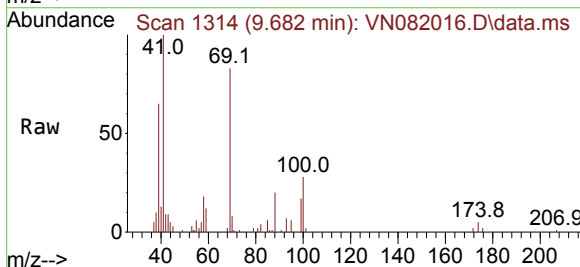
Tgt Ion: 41 Resp: 49918

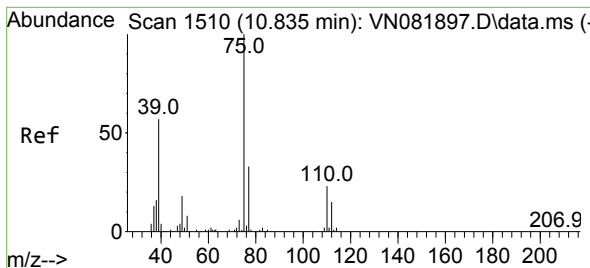
Ion Ratio Lower Upper

41 100

69 83.4 51.1 153.3

39 61.1 25.8 77.3





#48

t-1,3-Dichloropropene

Concen: 18.261 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

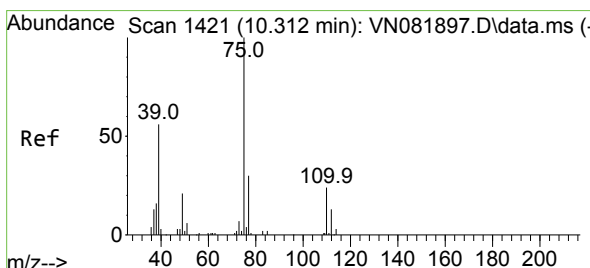
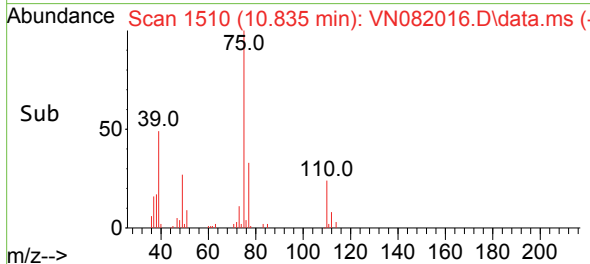
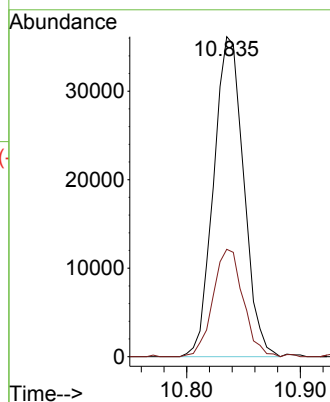
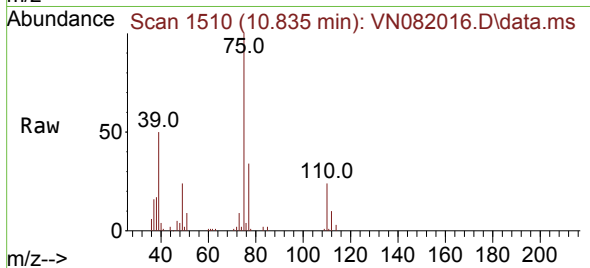
VN0507WBS01

Tgt Ion: 75 Resp: 66531

Ion Ratio Lower Upper

75 100

77 33.6 23.8 35.6



#49

cis-1,3-Dichloropropene

Concen: 19.370 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

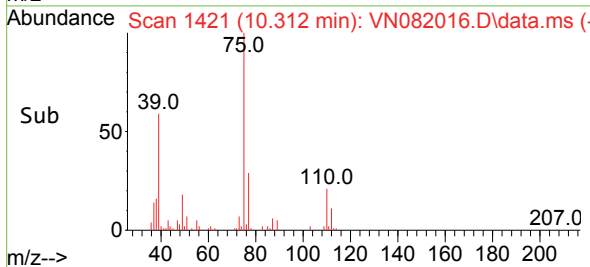
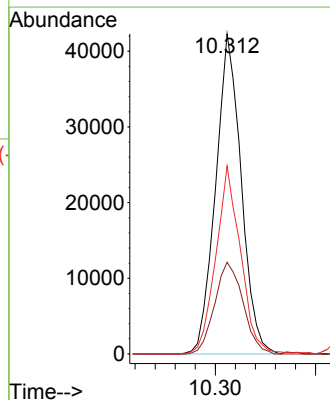
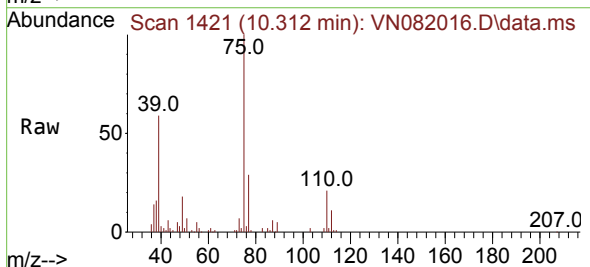
Tgt Ion: 75 Resp: 74613

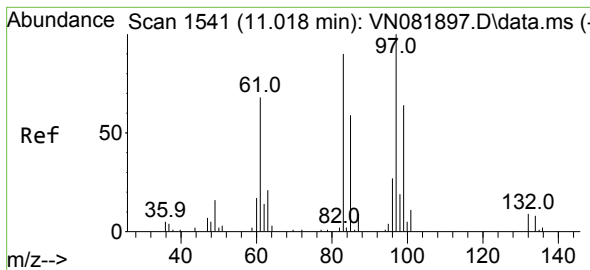
Ion Ratio Lower Upper

75 100

77 28.7 24.9 37.3

39 58.7 31.0 46.6#





#50

1,1,2-Trichloroethane

Concen: 18.739 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

Tgt Ion: 97 Resp: 39961

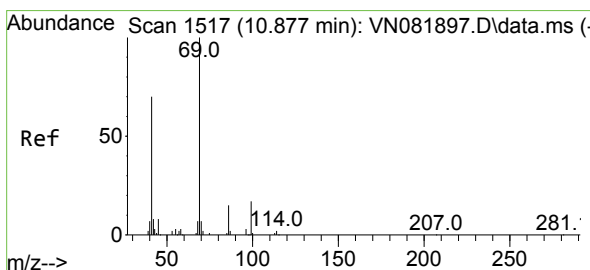
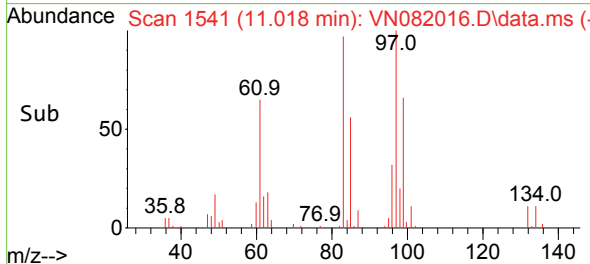
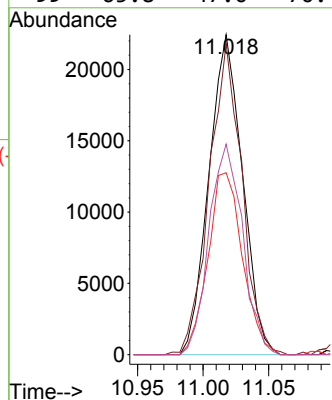
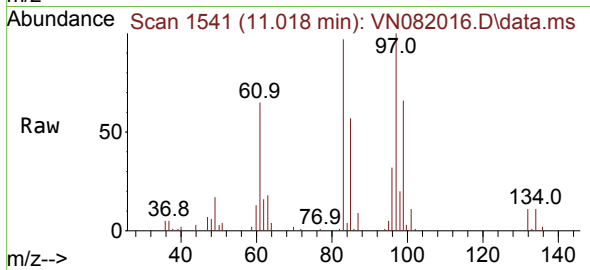
Ion Ratio Lower Upper

97 100

83 96.5 68.1 102.1

85 56.8 41.8 62.6

99 65.8 47.0 70.4



#51

Ethyl methacrylate

Concen: 18.009 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

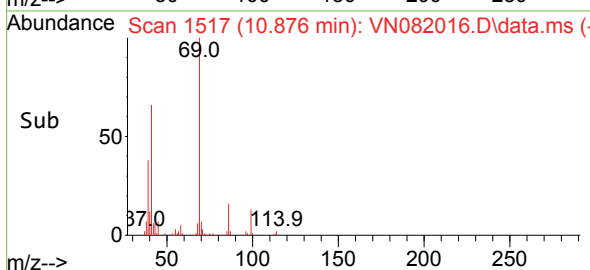
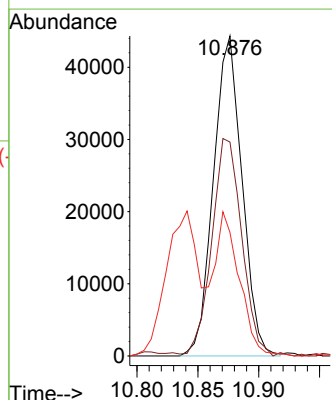
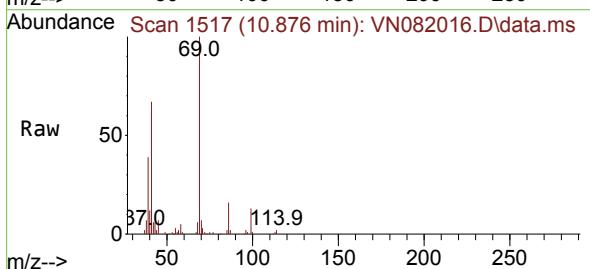
Tgt Ion: 69 Resp: 72484

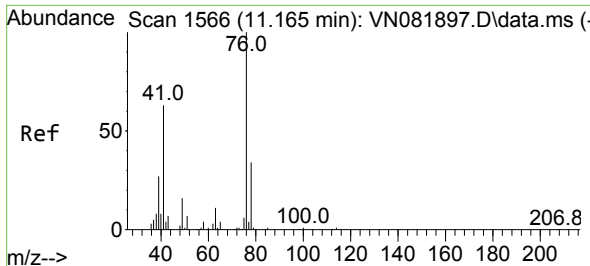
Ion Ratio Lower Upper

69 100

41 66.3 25.5 76.5

39 37.9 16.0 47.9

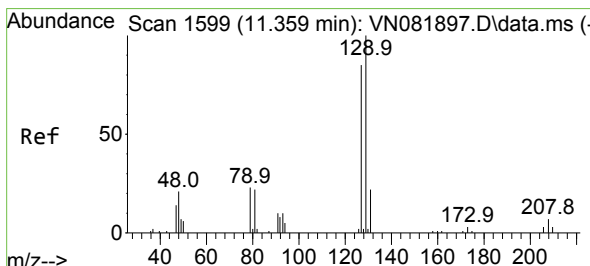
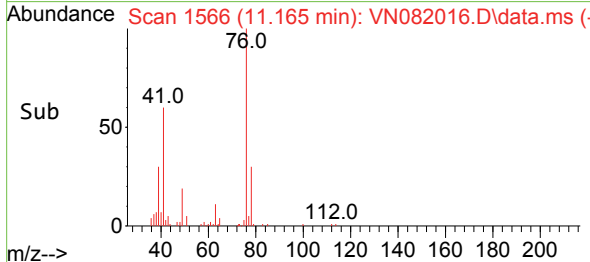
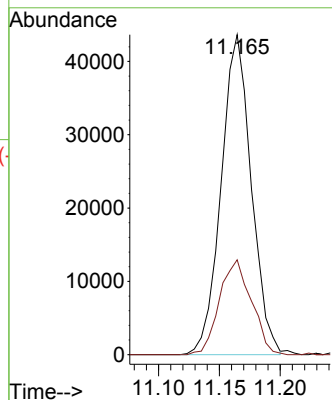
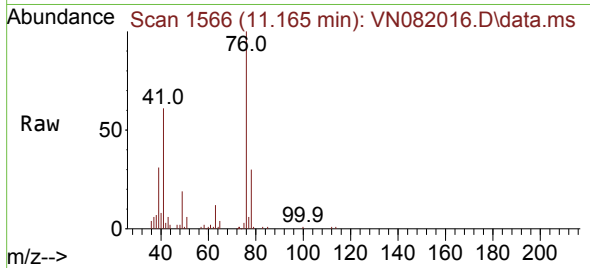




#52
1,3-Dichloropropane
Concen: 19.151 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

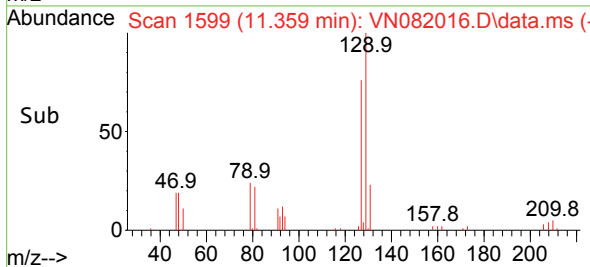
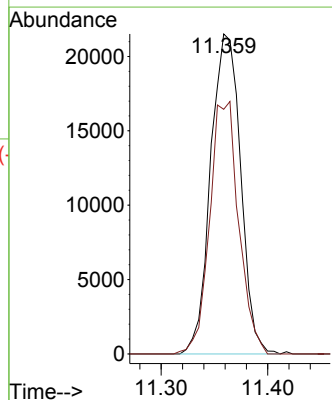
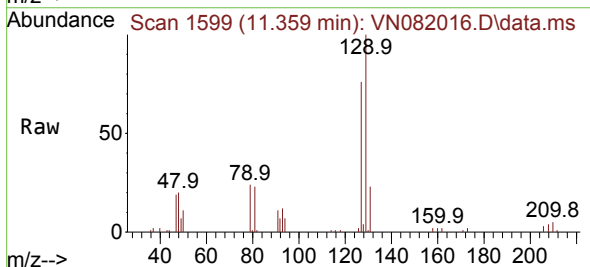
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

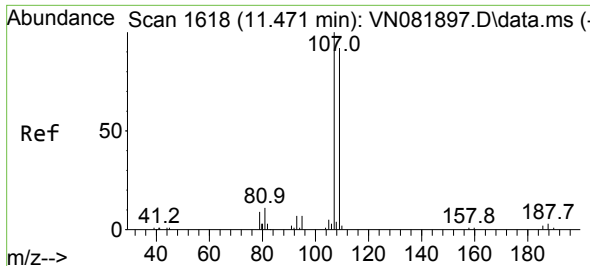
Tgt Ion: 76 Resp: 75032
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.8



#53
Dibromochloromethane
Concen: 18.139 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 129 Resp: 42087
Ion Ratio Lower Upper
129 100
127 76.4 39.4 118.1

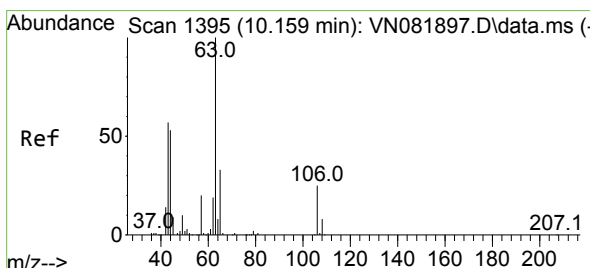
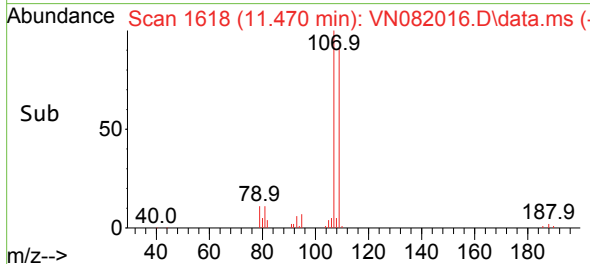
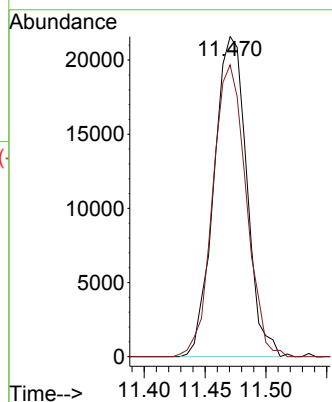
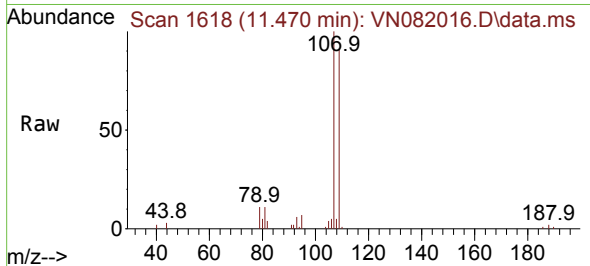




#54
1,2-Dibromoethane
Concen: 18.968 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

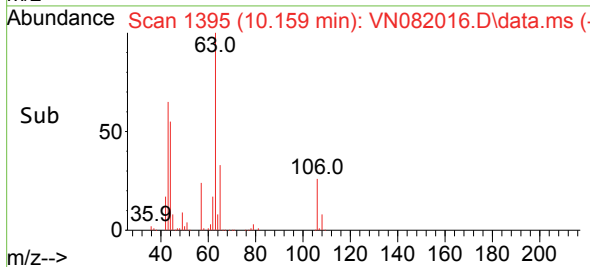
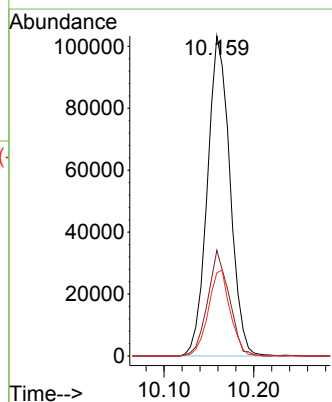
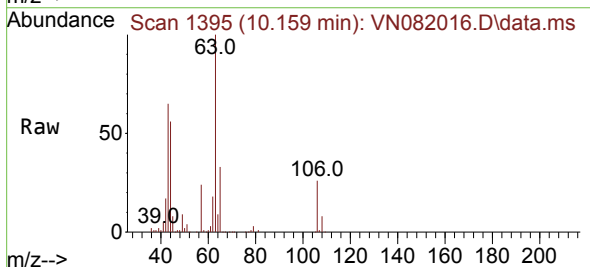
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

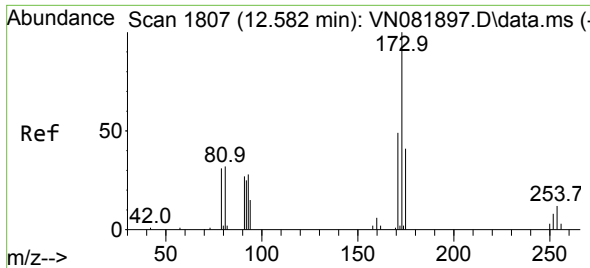
Tgt Ion:107 Resp: 40341
Ion Ratio Lower Upper
107 100
109 93.1 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 89.655 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 63 Resp: 180443
Ion Ratio Lower Upper
63 100
65 31.4 26.2 39.2
106 26.1 23.8 35.8

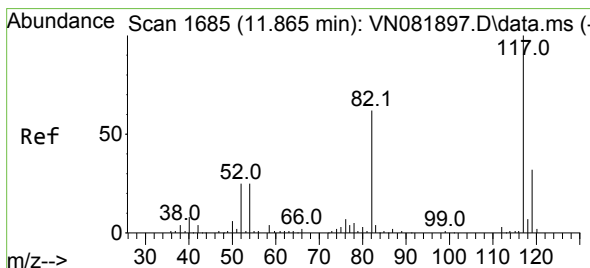
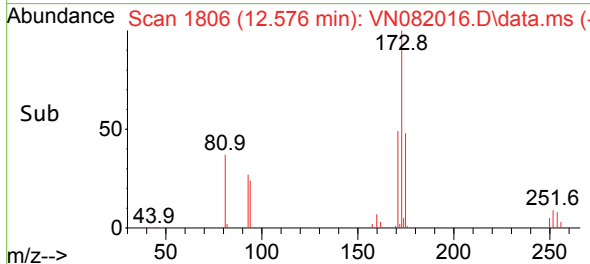
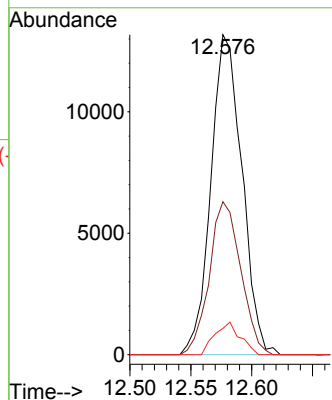
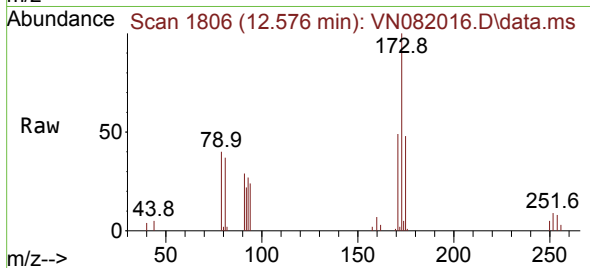




#56
Bromoform
Concen: 16.569 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

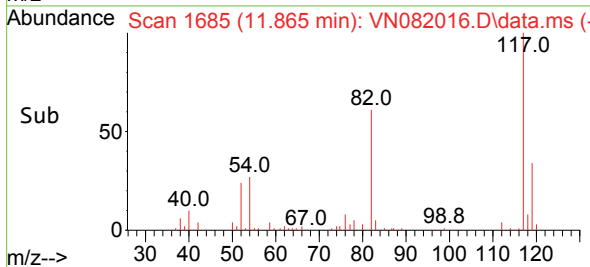
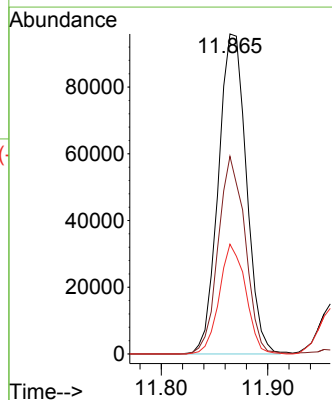
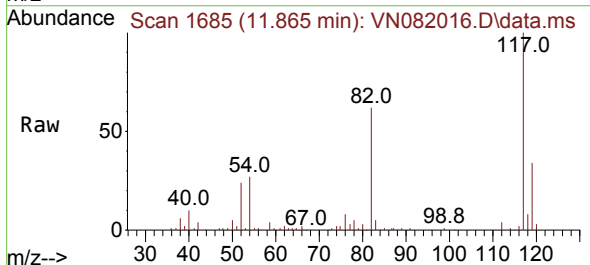
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

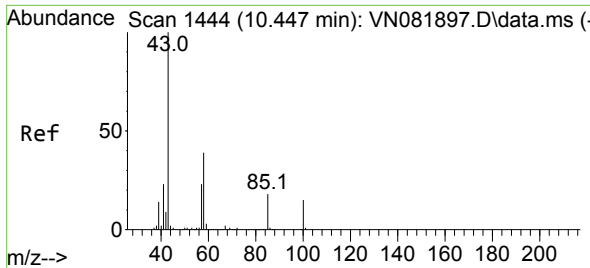
Tgt Ion:173	Resp:	23398
Ion Ratio	Lower	Upper
173	100	
175	48.3	40.0 60.0
254	8.3	8.3 12.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion:117	Resp:	175268
Ion Ratio	Lower	Upper
117	100	
82	59.4	46.6 69.8
119	32.2	25.4 38.2

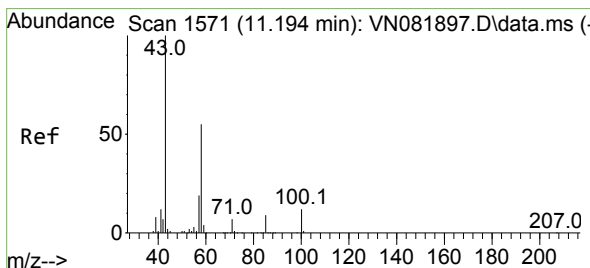
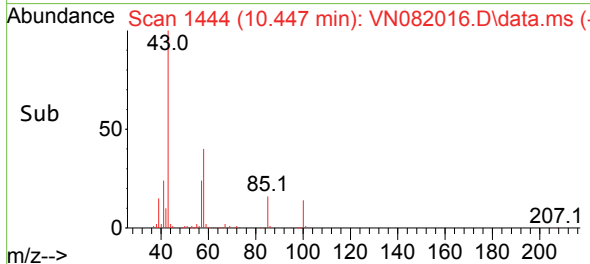
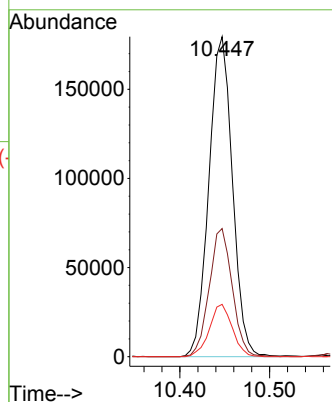
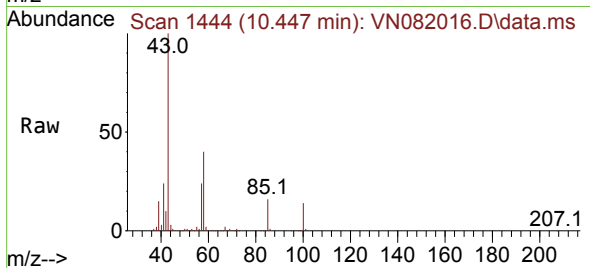




#58
4-Methyl-2-Pentanone
Concen: 96.180 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

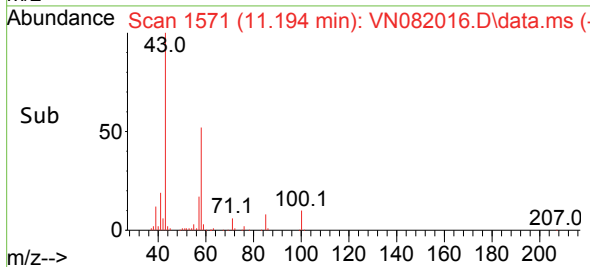
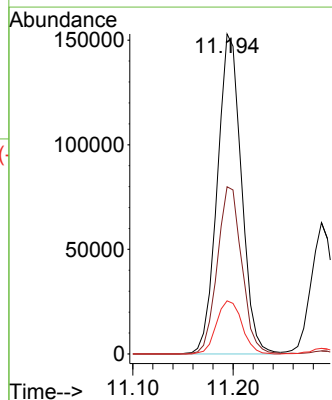
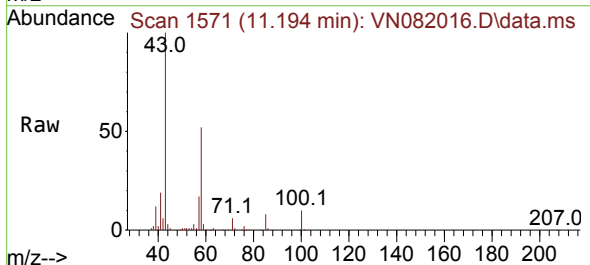
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

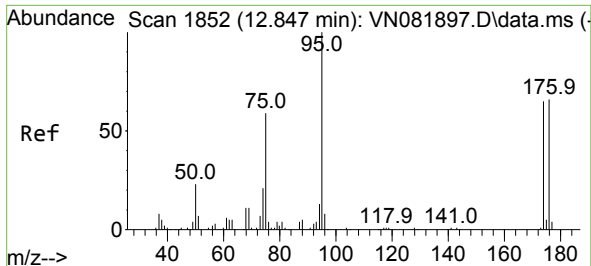
Tgt Ion: 43 Resp: 327319
Ion Ratio Lower Upper
43 100
58 39.1 36.5 54.7
85 15.9 19.5 29.3#



#59
2-Hexanone
Concen: 101.214 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 43 Resp: 255389
Ion Ratio Lower Upper
43 100
58 53.1 50.4 75.6
57 17.5 18.6 27.8#

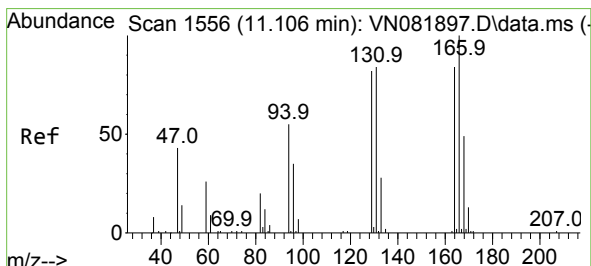
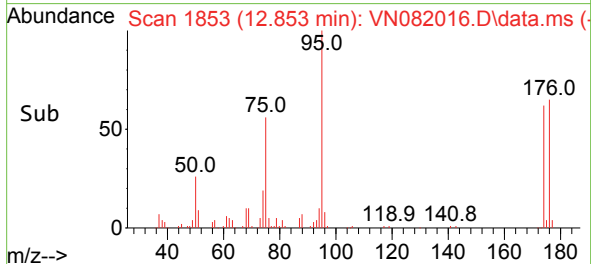
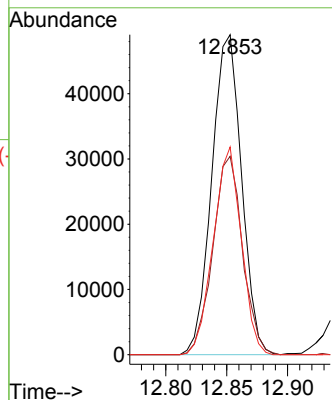
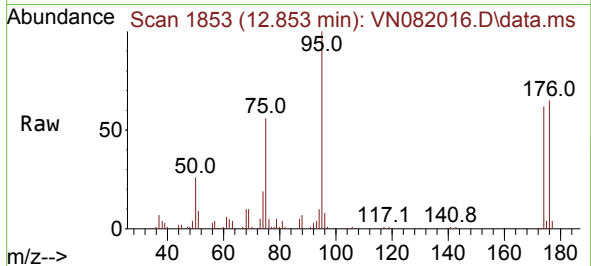




#60
4-Bromofluorobenzene
Concen: 28.629 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

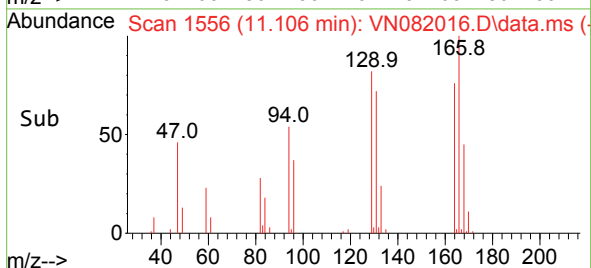
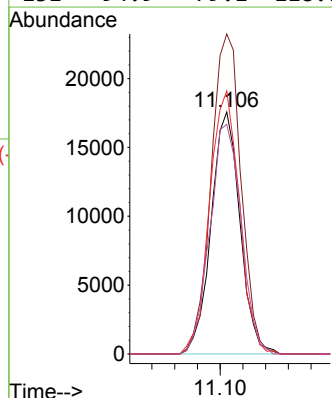
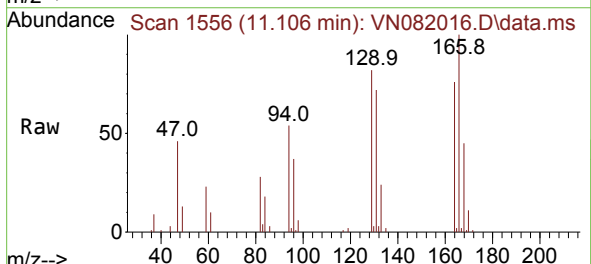
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

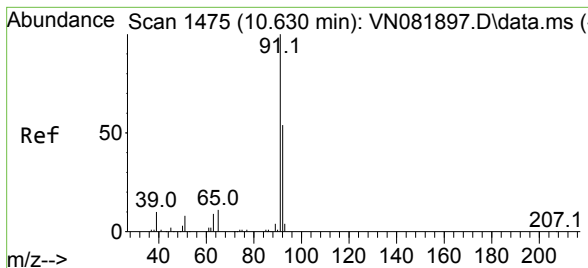
Tgt Ion: 95 Resp: 83506
Ion Ratio Lower Upper
95 100
174 61.8 60.5 90.7
176 61.1 57.8 86.6



#61
Tetrachloroethene
Concen: 15.950 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion:164 Resp: 31020
Ion Ratio Lower Upper
164 100
166 132.3 106.7 160.1
129 108.7 85.8 128.6
131 94.9 79.1 118.7





#62

Toluene

Concen: 19.114 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

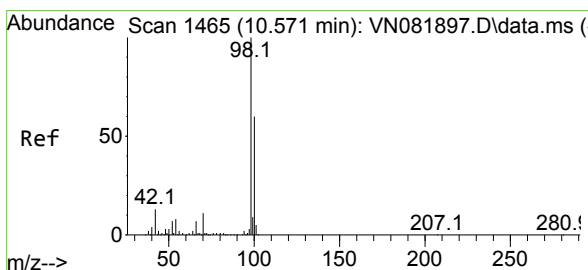
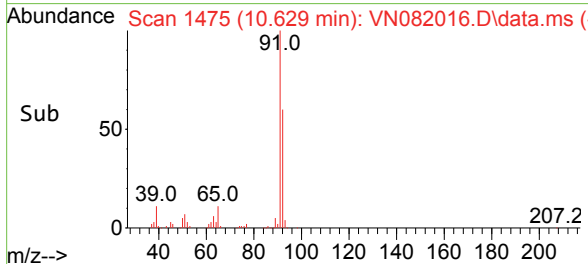
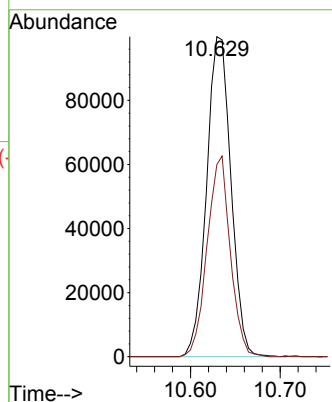
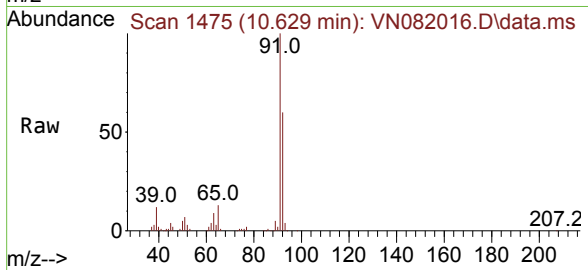
VN0507WBS01

Tgt Ion: 91 Resp: 188493

Ion Ratio Lower Upper

91 100

92 59.5 46.5 69.7



#63

Toluene-d8

Concen: 30.763 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082016.D

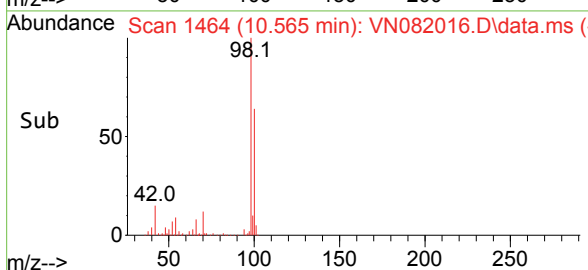
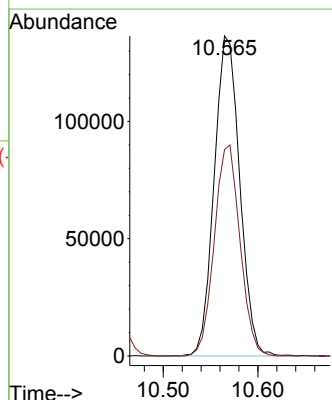
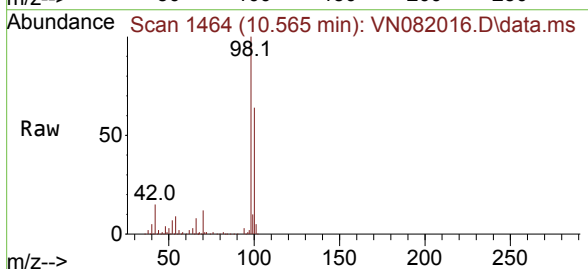
Acq: 07 May 2024 10:06

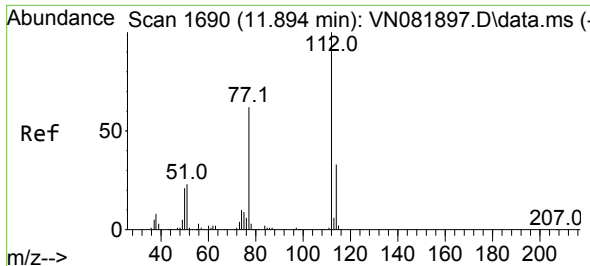
Tgt Ion: 98 Resp: 256057

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1

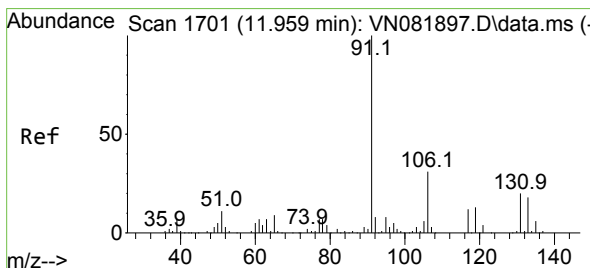
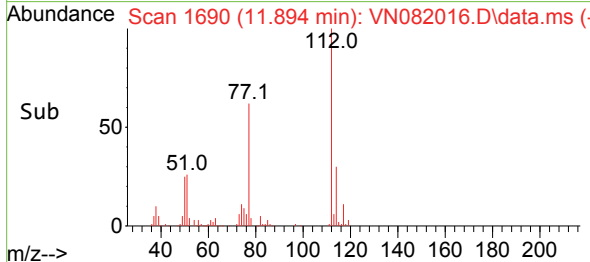
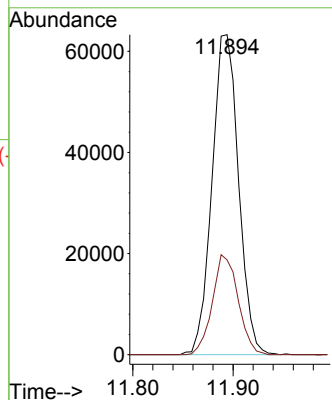
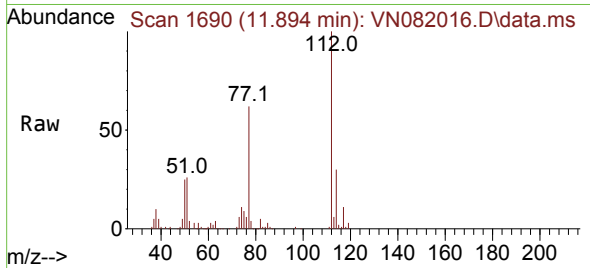




#64
Chlorobenzene
Concen: 19.241 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

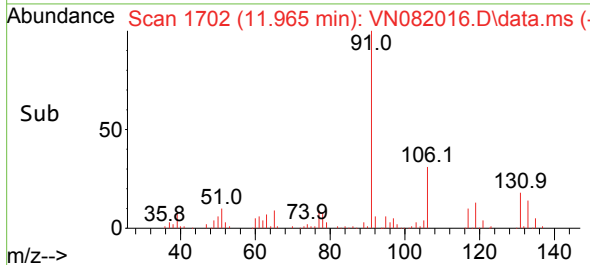
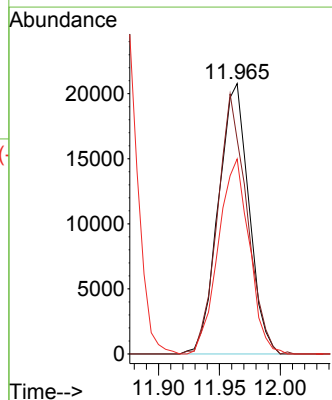
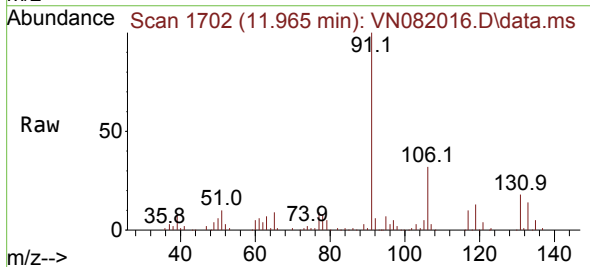
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

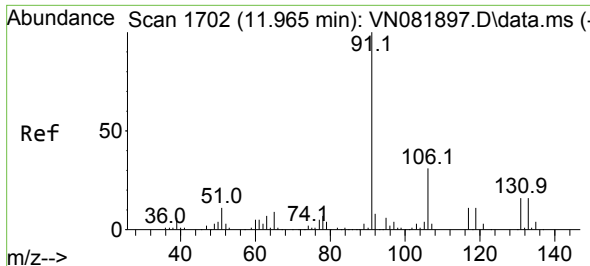
Tgt Ion:112 Resp: 116055
Ion Ratio Lower Upper
112 100
114 29.6 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 18.355 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion:131 Resp: 36236
Ion Ratio Lower Upper
131 100
133 92.5 0.0 188.0
119 73.2 0.0 122.8

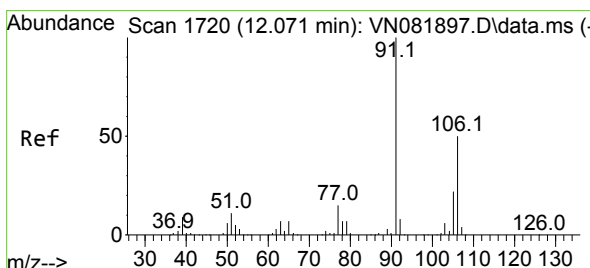
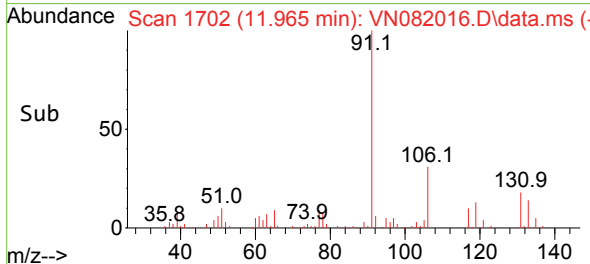
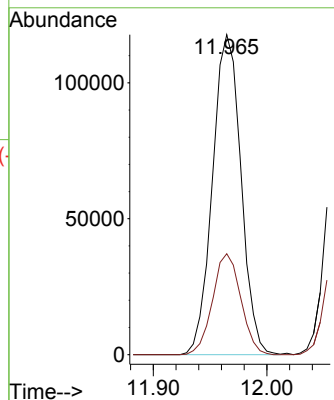
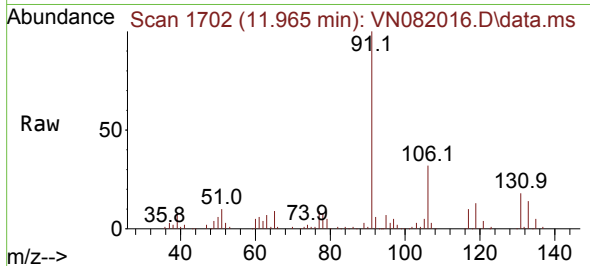




#66
Ethyl Benzene
Concen: 18.980 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

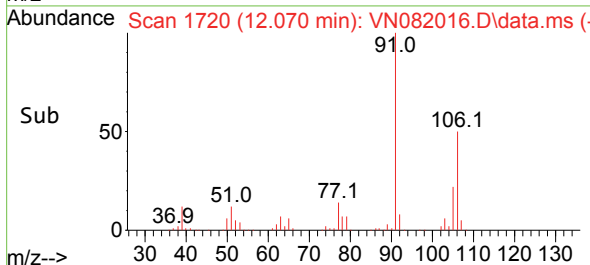
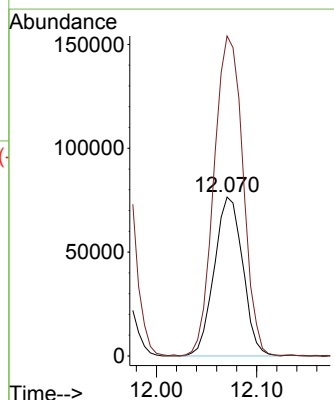
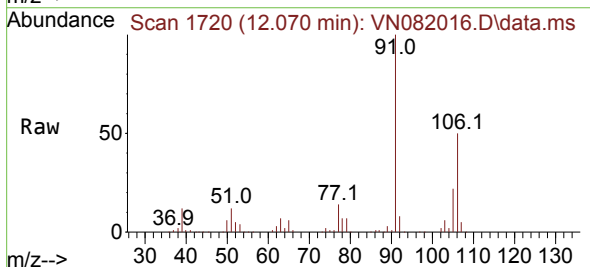
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

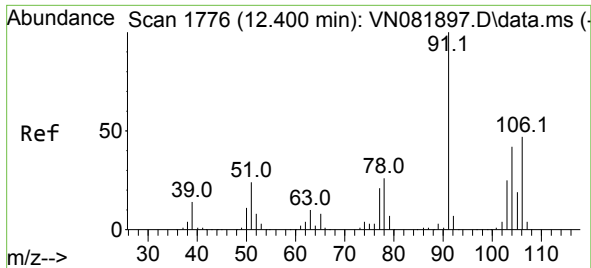
Tgt Ion: 91 Resp: 205168
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6



#67
m/p-Xylenes
Concen: 37.713 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 106 Resp: 151148
Ion Ratio Lower Upper
106 100
91 205.1 166.6 249.8

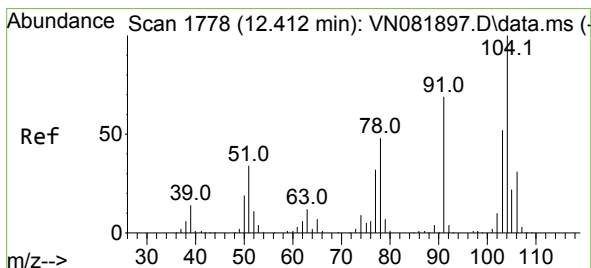
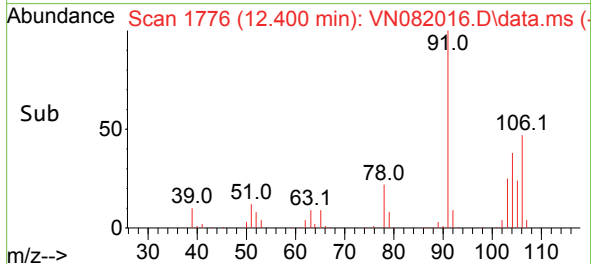
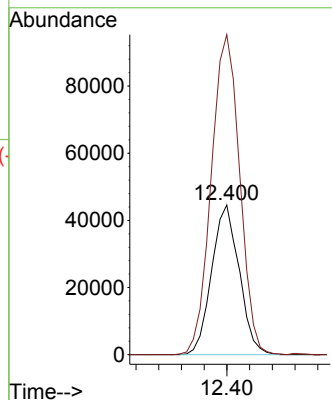
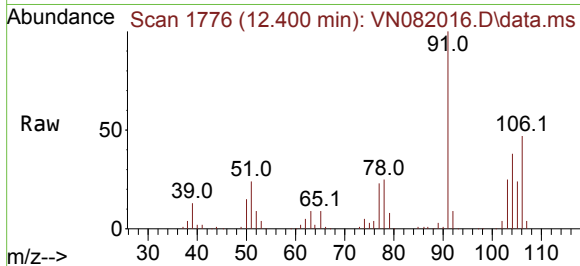




#68
o-Xylene
Concen: 18.908 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

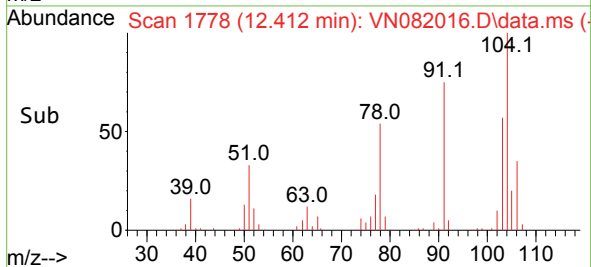
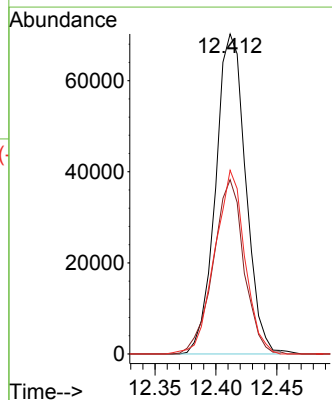
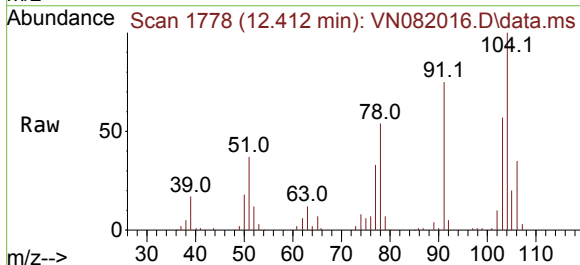
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

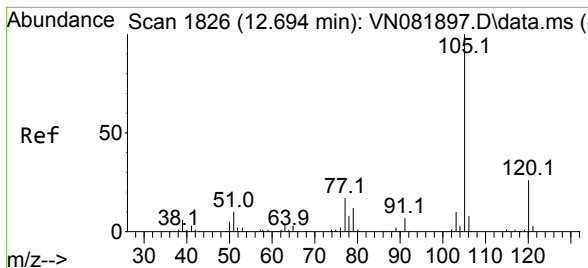
Tgt Ion:106 Resp: 74974
Ion Ratio Lower Upper
106 100
91 221.3 110.0 330.0



#69
Styrene
Concen: 18.152 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion:104 Resp: 120829
Ion Ratio Lower Upper
104 100
78 55.5 42.6 64.0
103 57.6 43.7 65.5





#70

Isopropylbenzene

Concen: 18.356 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

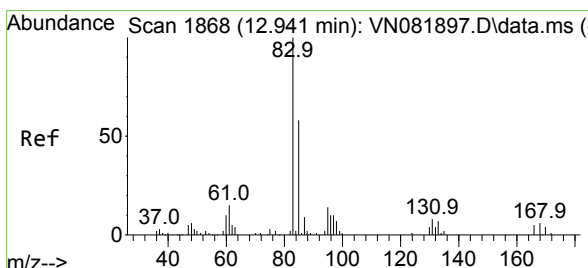
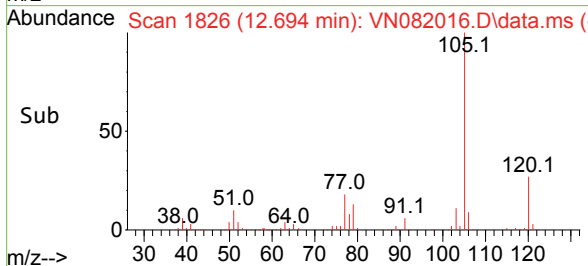
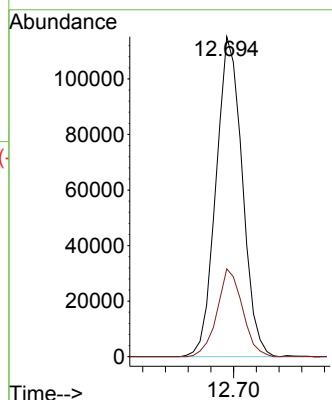
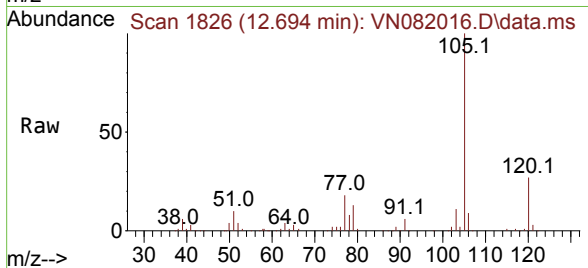
VN0507WBS01

Tgt Ion:105 Resp: 184854

Ion Ratio Lower Upper

105 100

120 26.6 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 19.646 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

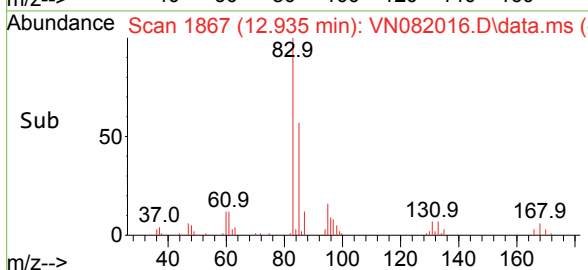
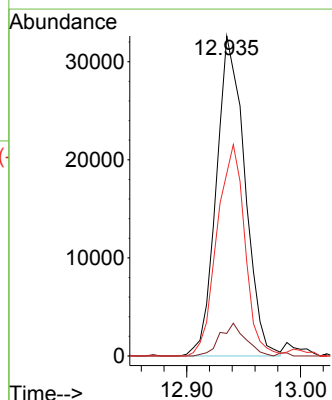
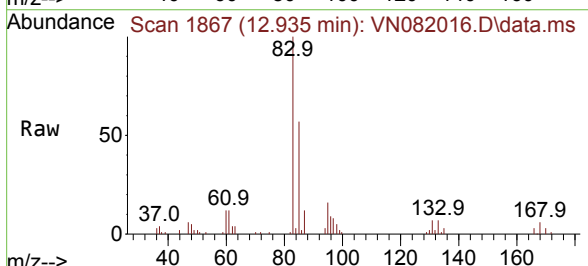
Tgt Ion: 83 Resp: 56935

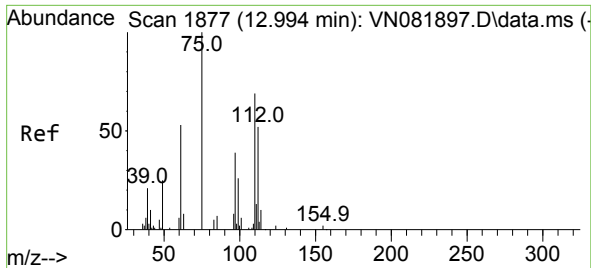
Ion Ratio Lower Upper

83 100

131 9.2 5.2 15.6

85 64.4 32.3 96.8

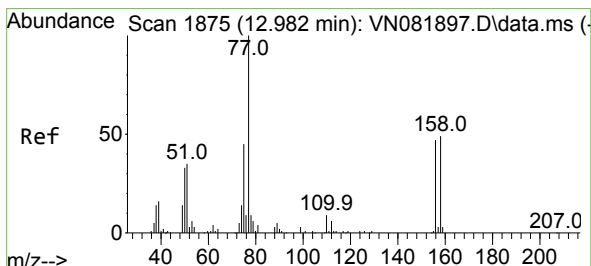
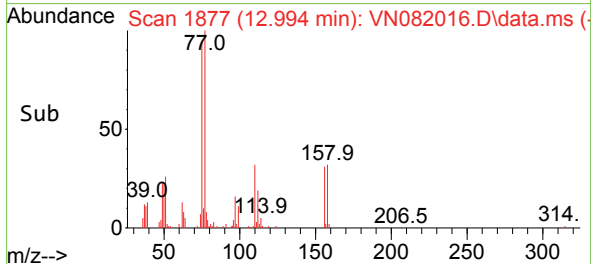
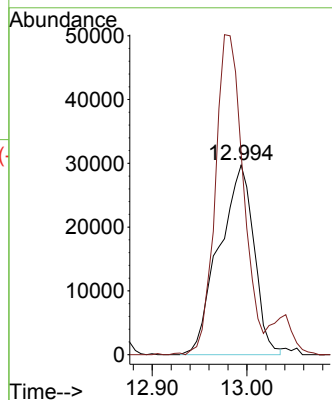
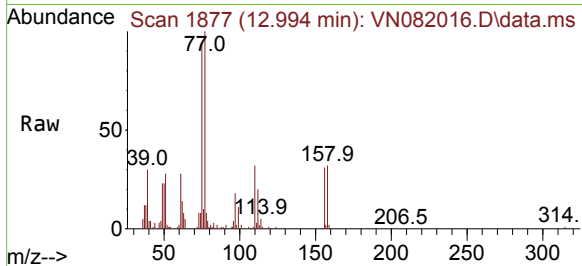




#72
1,2,3-Trichloropropane
Concen: 28.041 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

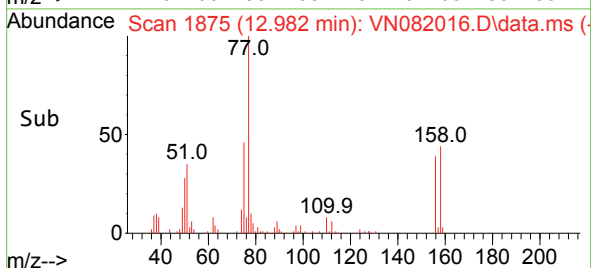
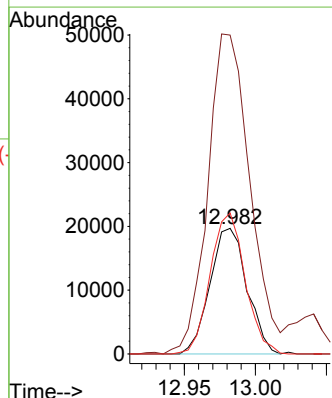
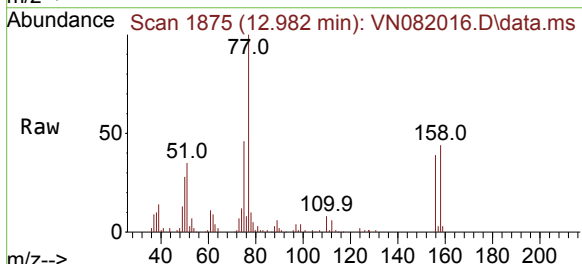
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

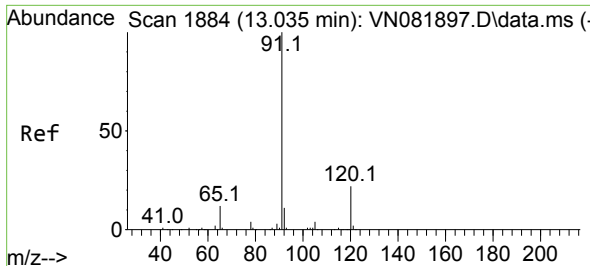
Tgt Ion: 75 Resp: 75974
Ion Ratio Lower Upper
75 100
77 135.5 0.0 367.6



#73
Bromobenzene
Concen: 16.584 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion:156 Resp: 35750
Ion Ratio Lower Upper
156 100
77 287.9 0.0 437.6
158 105.7 0.0 203.8

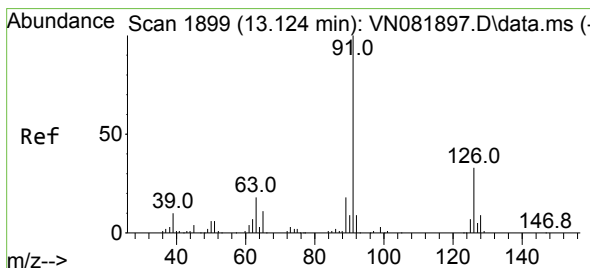
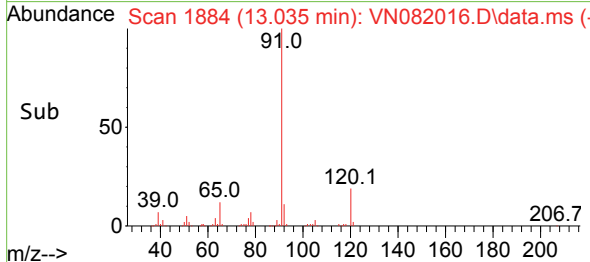
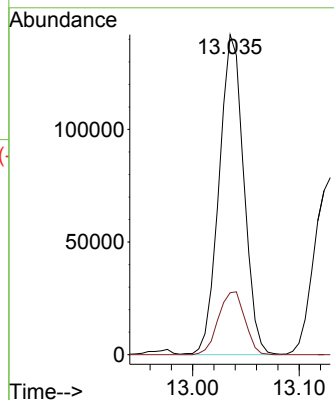
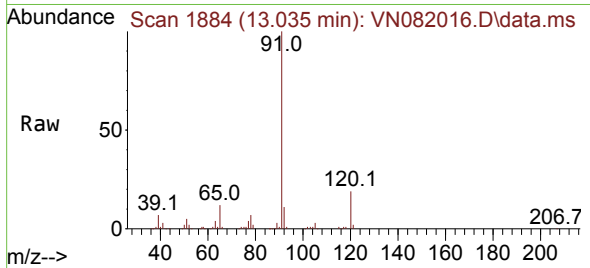




#74
n-propylbenzene
Concen: 19.242 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

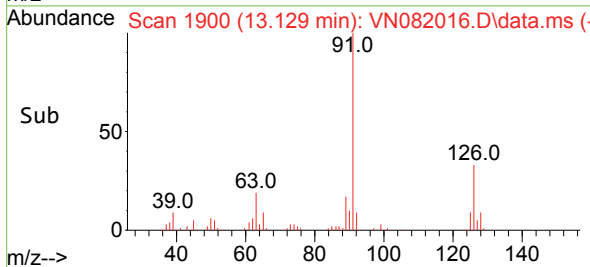
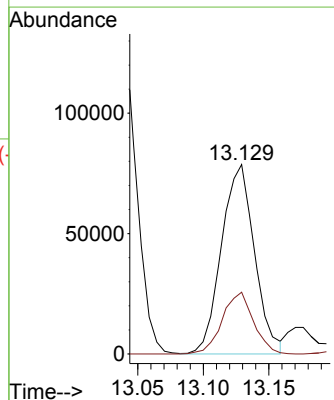
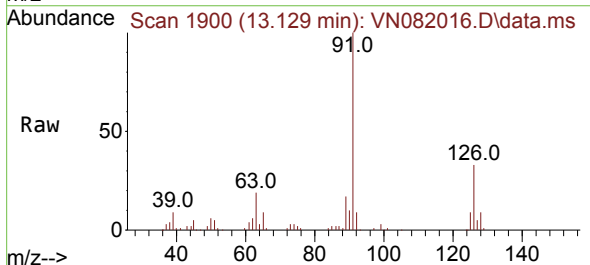
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

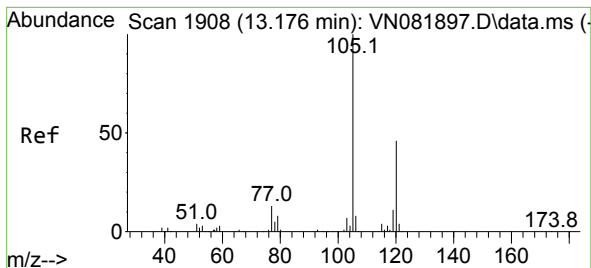
Tgt Ion: 91 Resp: 228616
Ion Ratio Lower Upper
91 100
120 21.0 0.0 43.8



#75
2-Chlorotoluene
Concen: 18.789 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 91 Resp: 138103
Ion Ratio Lower Upper
91 100
126 30.8 0.0 61.2

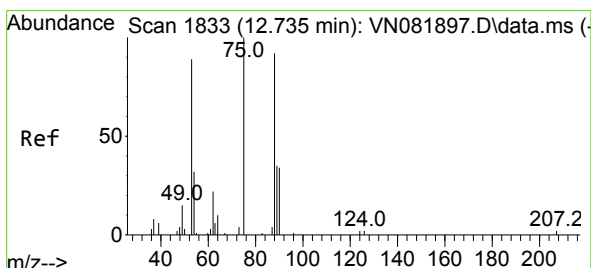
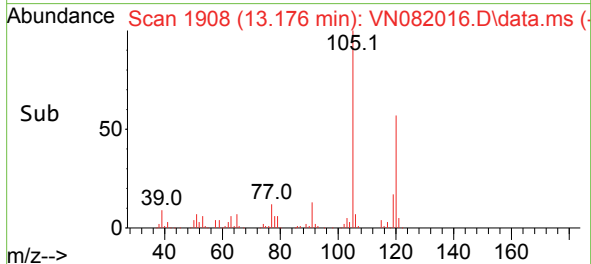
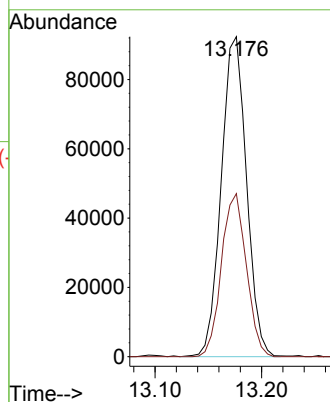
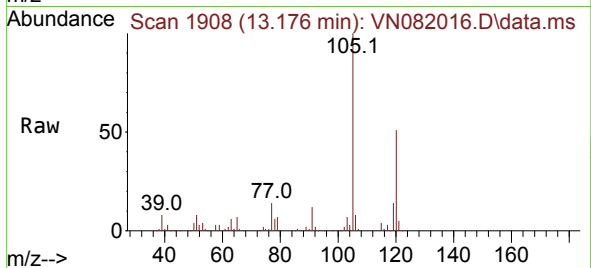




#76
1,3,5-Trimethylbenzene
Concen: 18.648 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

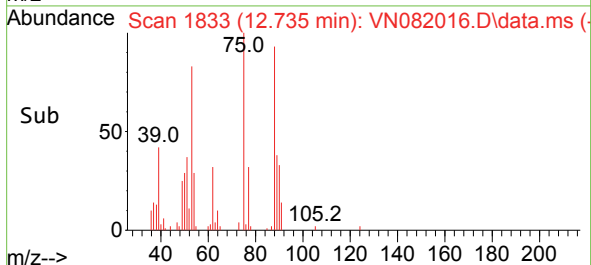
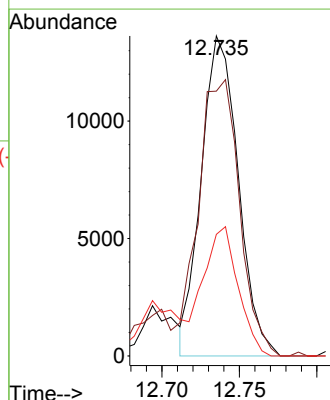
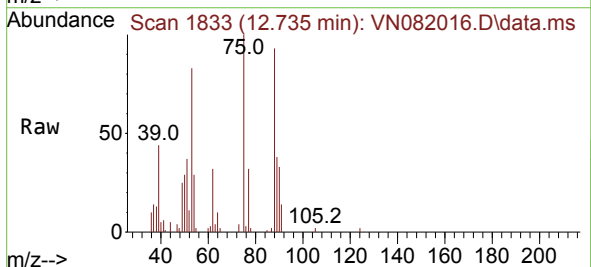
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

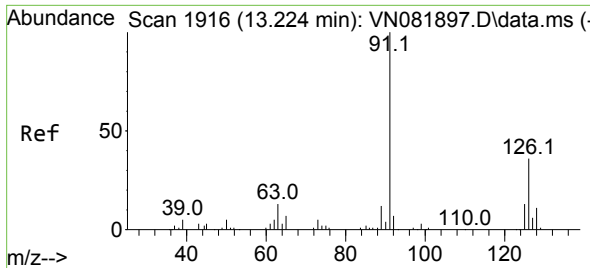
Tgt Ion:105 Resp: 152009
Ion Ratio Lower Upper
105 100
120 50.2 0.0 95.8



#77
t-1,4-Dichloro-2-butene
Concen: 18.779 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 75 Resp: 22646
Ion Ratio Lower Upper
75 100
53 82.7 45.9 137.7
89 38.0 25.9 77.7

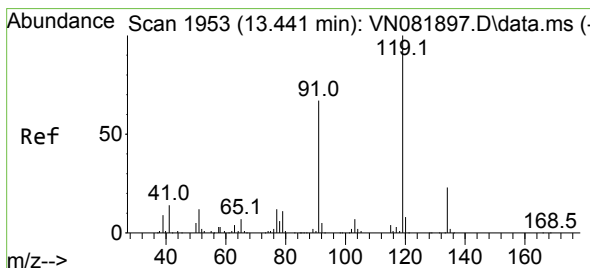
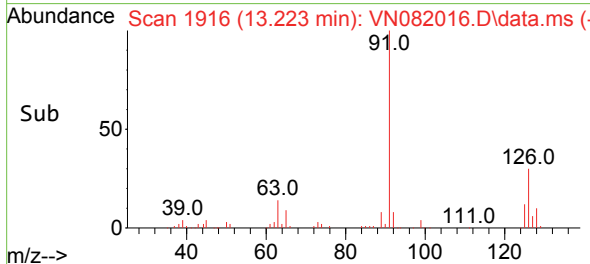
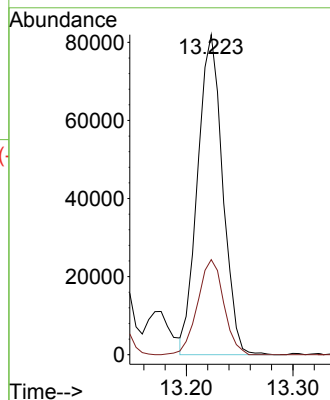
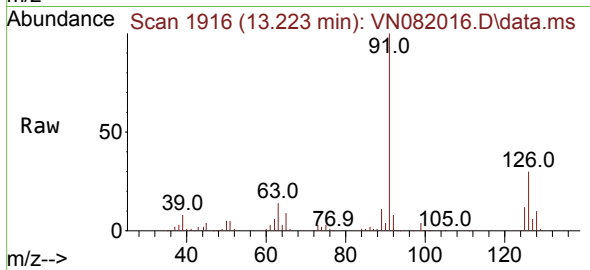




#78
4-Chlorotoluene
Concen: 18.617 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

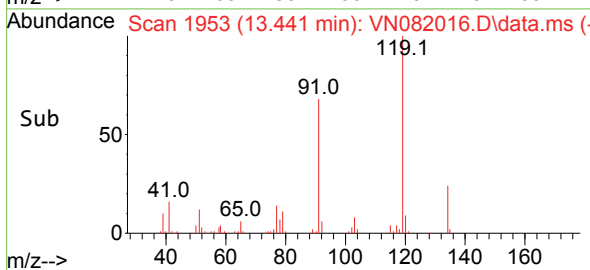
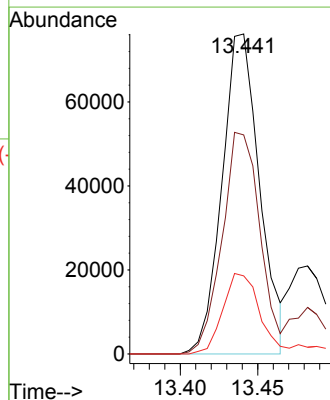
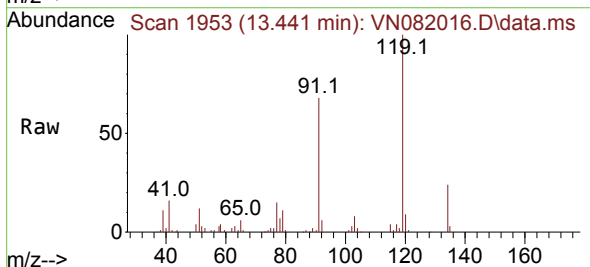
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

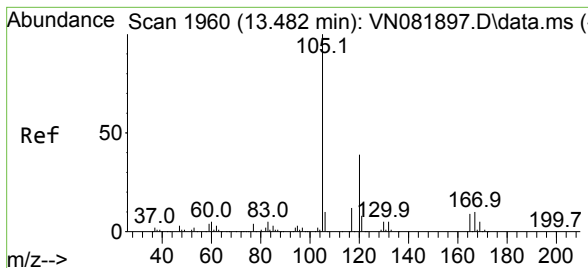
Tgt Ion: 91 Resp: 134054
Ion Ratio Lower Upper
91 100
126 31.0 0.0 62.8



#79
tert-butylbenzene
Concen: 18.318 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 119 Resp: 128564
Ion Ratio Lower Upper
119 100
91 69.6 0.0 138.8
134 24.5 0.0 48.6

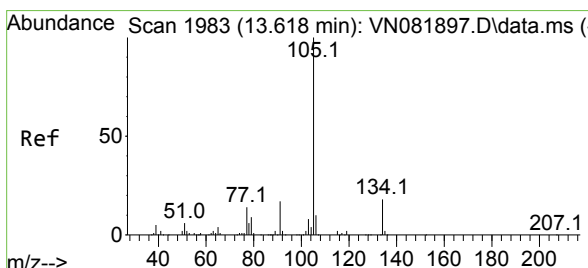
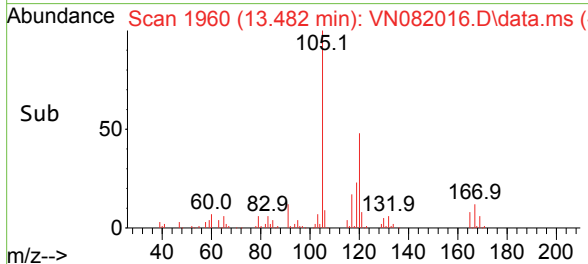
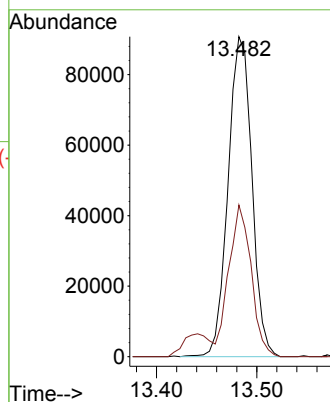
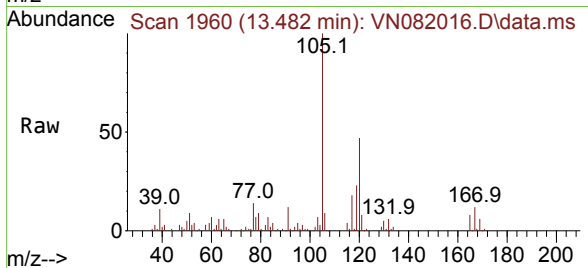




#80
1,2,4-Trimethylbenzene
Concen: 18.266 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

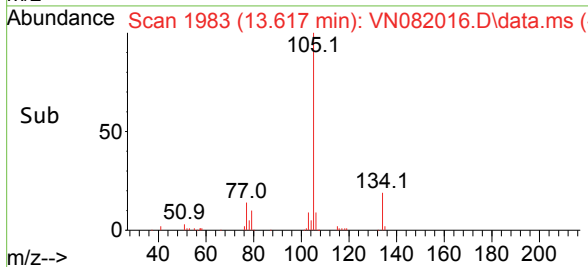
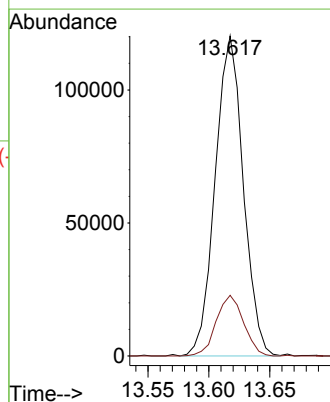
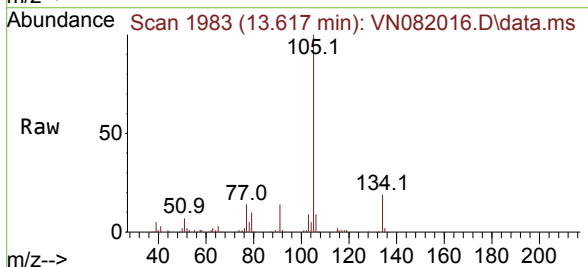
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

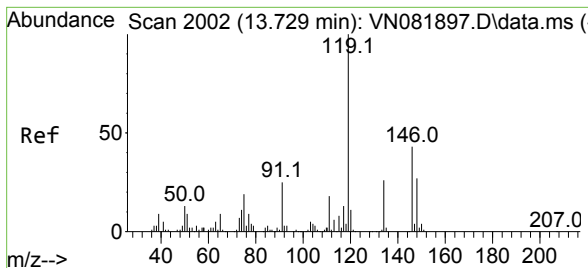
Tgt Ion:105 Resp: 149558
Ion Ratio Lower Upper
105 100
120 44.4 0.0 86.8



#81
sec-Butylbenzene
Concen: 19.632 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion:105 Resp: 193142
Ion Ratio Lower Upper
105 100
134 18.4 0.0 39.0

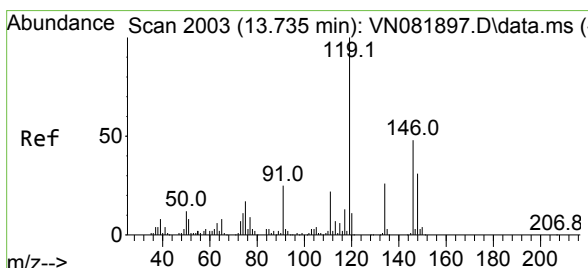
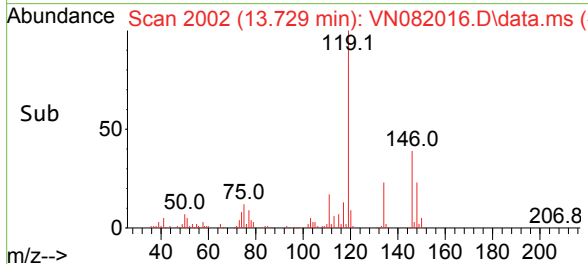
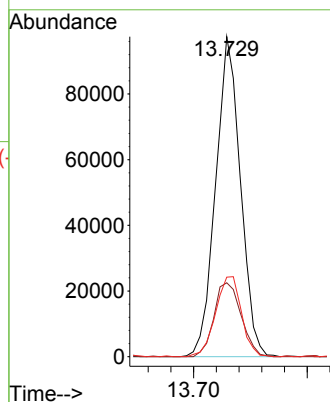
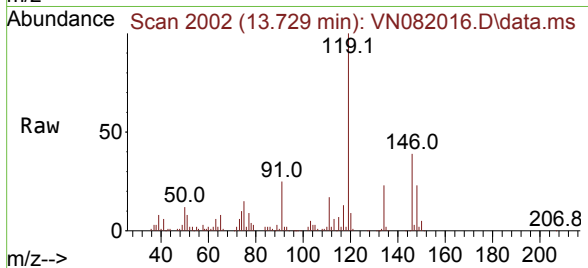




#82
p-Isopropyltoluene
Concen: 18.995 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

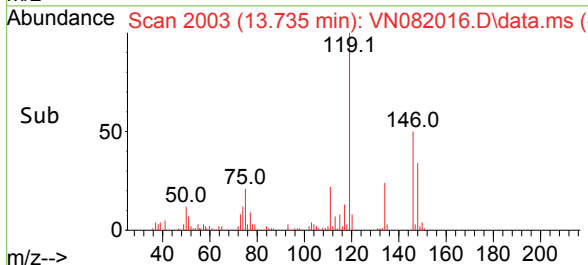
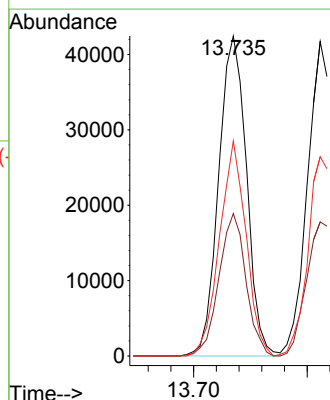
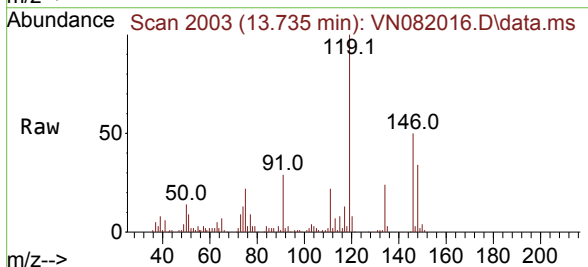
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

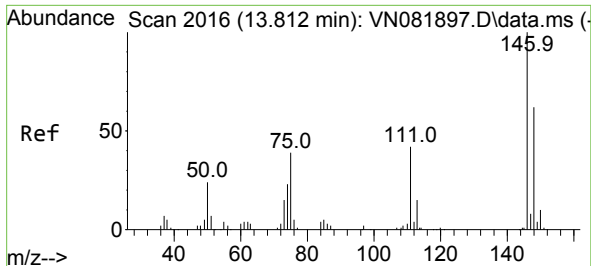
Tgt Ion:119 Resp: 147770
Ion Ratio Lower Upper
119 100
134 25.3 0.0 49.2
91 26.1 0.0 48.8



#83
1,3-Dichlorobenzene
Concen: 18.626 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion:146 Resp: 72302
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.0
148 64.0 32.1 96.5

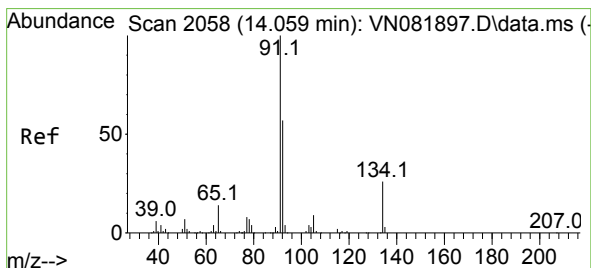
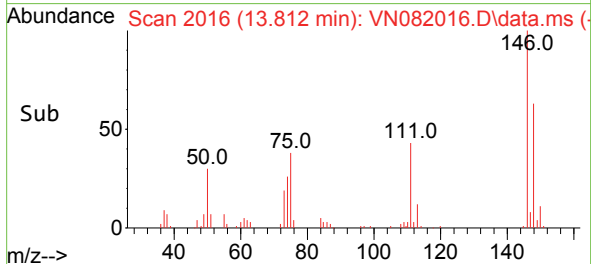
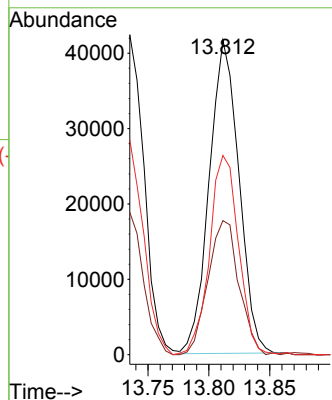
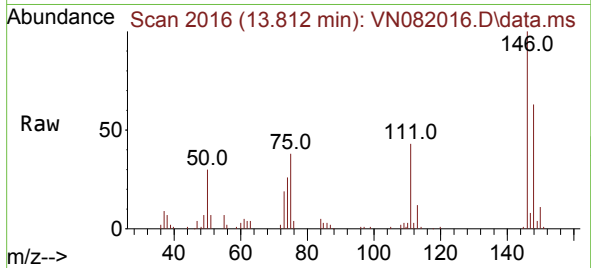




#84
1,4-Dichlorobenzene
Concen: 18.099 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

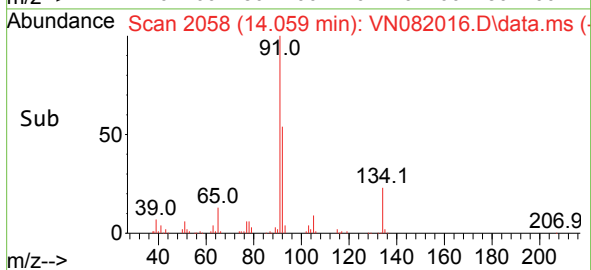
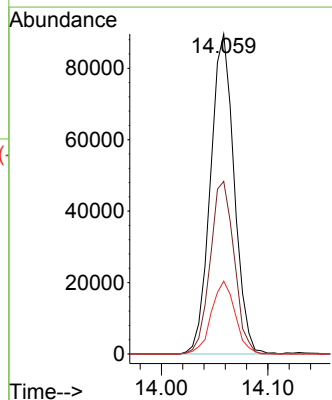
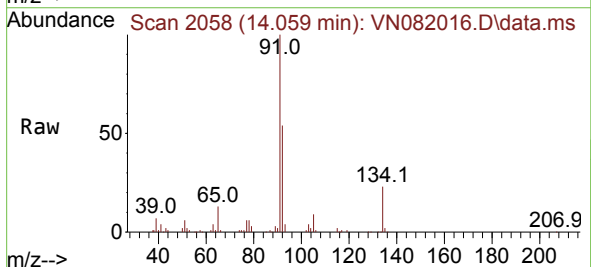
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

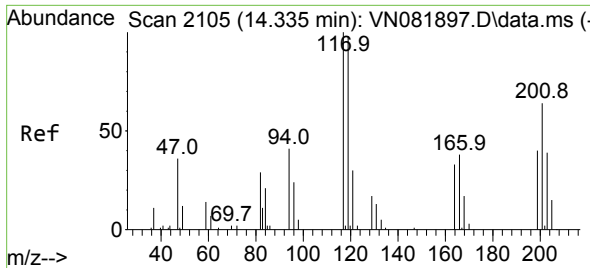
Tgt Ion:146 Resp: 70615
Ion Ratio Lower Upper
146 100
111 44.5 21.3 63.9
148 62.1 31.9 95.5



#85
n-Butylbenzene
Concen: 19.494 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion: 91 Resp: 138525
Ion Ratio Lower Upper
91 100
92 54.5 0.0 105.0
134 22.8 0.0 51.8

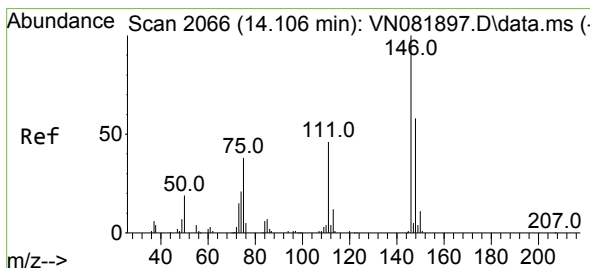
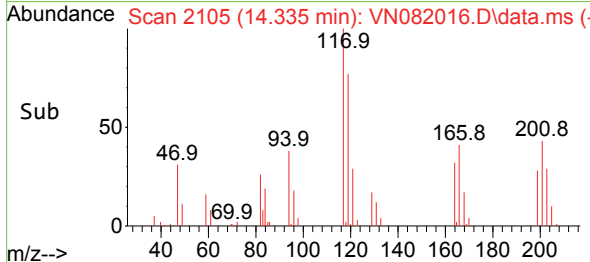
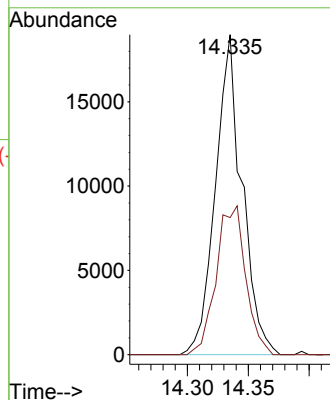
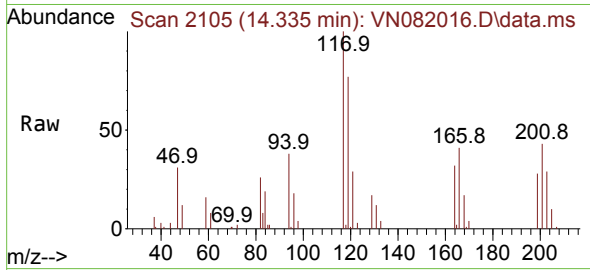




#86
Hexachloroethane
Concen: 18.546 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

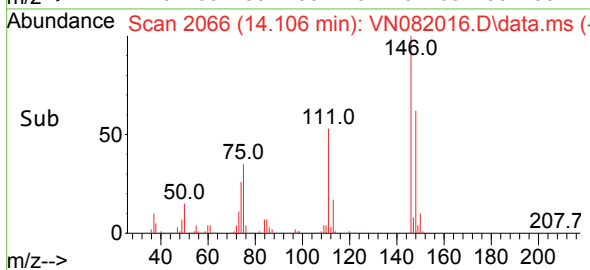
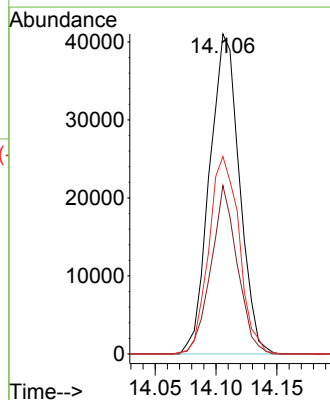
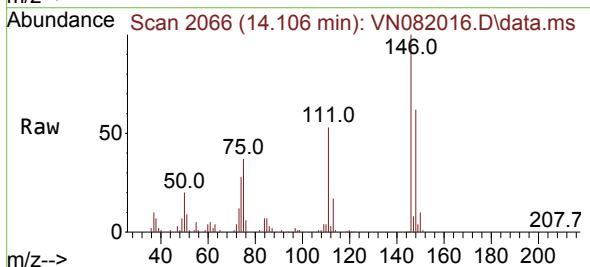
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

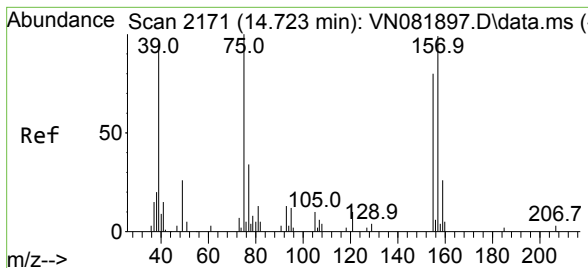
Tgt Ion:117 Resp: 28767
Ion Ratio Lower Upper
117 100
201 51.7 38.0 114.0



#87
1,2-Dichlorobenzene
Concen: 18.131 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082016.D
Acq: 07 May 2024 10:06

Tgt Ion:146 Resp: 70096
Ion Ratio Lower Upper
146 100
111 46.5 22.6 67.8
148 62.6 31.3 93.8

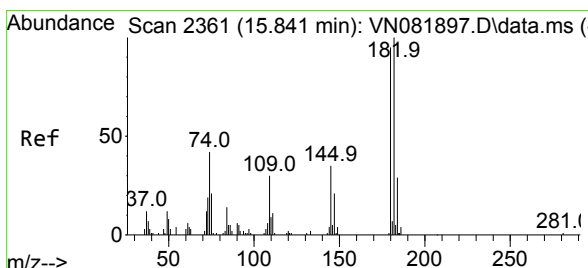
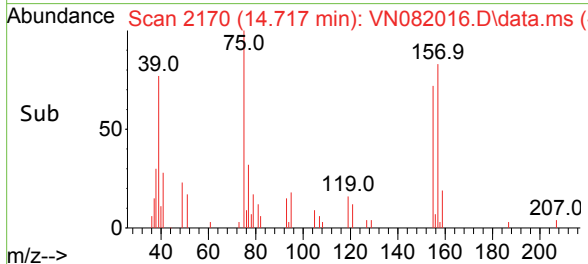
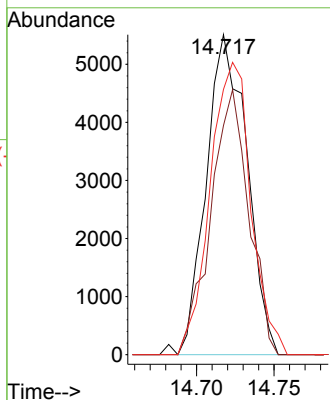
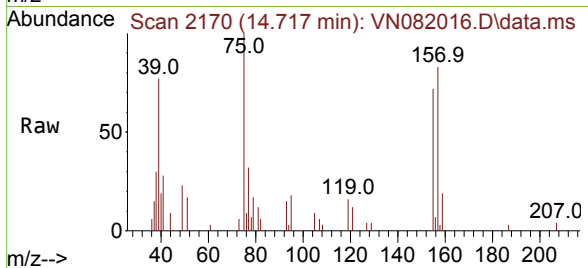




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.403 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN082016.D
 Acq: 07 May 2024 10:06

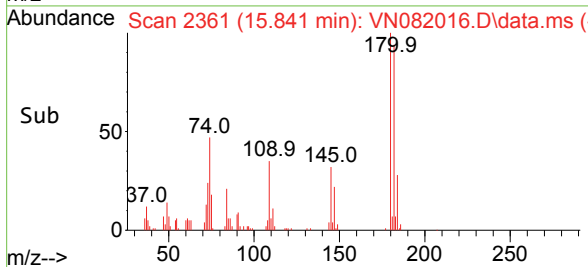
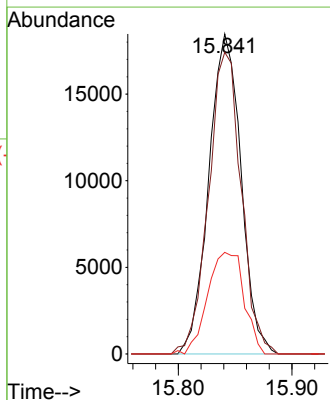
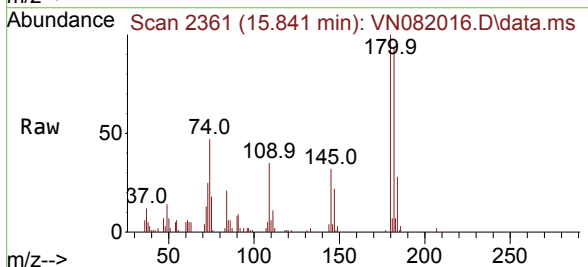
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

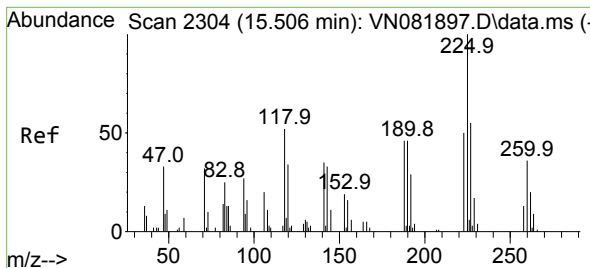
Tgt Ion: 75 Resp: 10017
 Ion Ratio Lower Upper
 75 100
 155 78.0 61.7 92.5
 157 92.1 83.6 125.4



#89
 1,2,4-Trichlorobenzene
 Concen: 17.080 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: VN082016.D
 Acq: 07 May 2024 10:06

Tgt Ion:180 Resp: 36359
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.4 114.6
 145 35.7 28.4 42.6





#90

Hexachlorobutadiene

Concen: 17.197 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

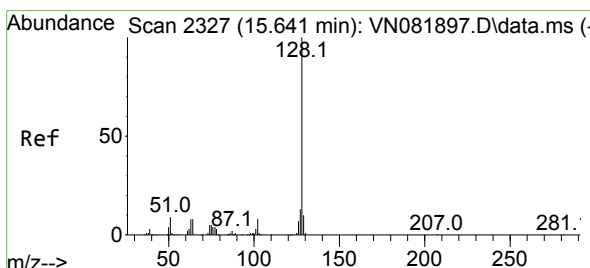
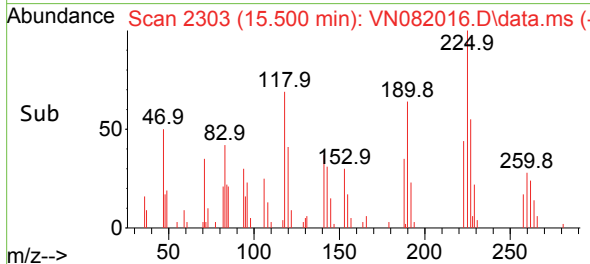
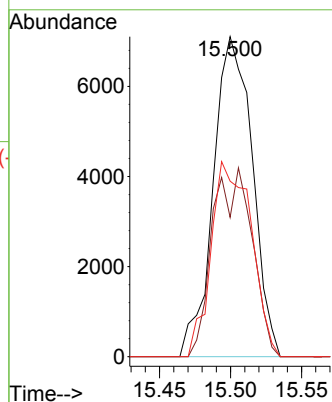
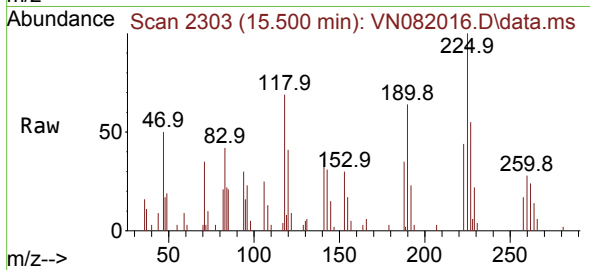
Tgt Ion:225 Resp: 13558

Ion Ratio Lower Upper

225 100

223 31.2 0.0 126.6

227 43.5 0.0 126.6



#91

Naphthalene

Concen: 17.132 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

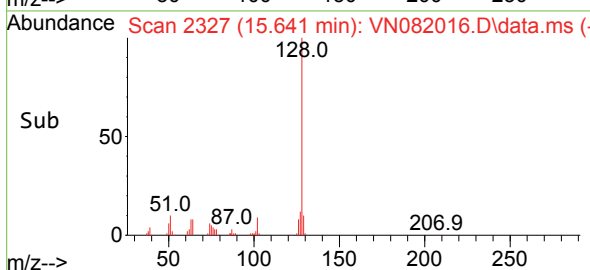
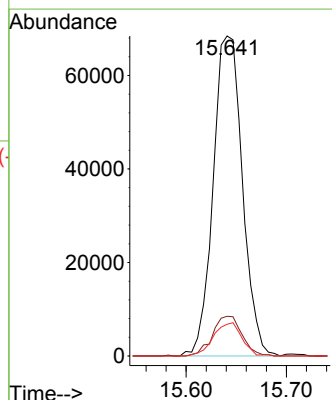
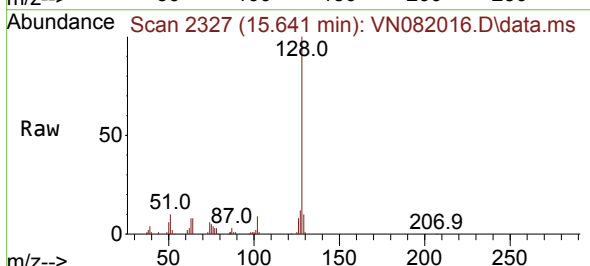
Tgt Ion:128 Resp: 138642

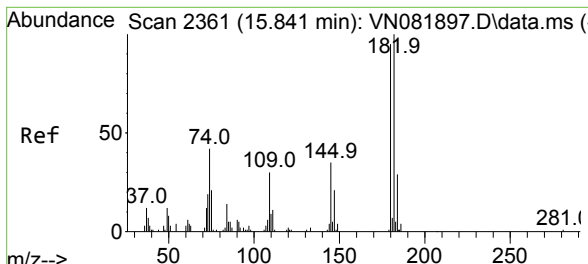
Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

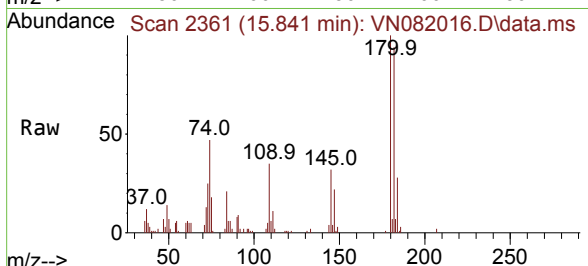
129 10.0 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 17.080 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082016.D
 Acq: 07 May 2024 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01



Tgt Ion:180	Resp:	36359
Ion Ratio	Lower	Upper
180	100	
182	95.4	0.0 191.0
145	35.7	0.0 71.0

