

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082180.D
 Acq On : 17 May 2024 15:49
 Operator : JC\MD
 Sample : VN0517WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01

Quant Time: May 17 23:11:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	191666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	155184	51.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.560%	
35) Dibromofluoromethane	8.165	113	105787	52.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.660%	
50) Toluene-d8	10.565	98	408221	52.667	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	12.853	95	144128	52.098	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 104.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53736	19.446	ug/l	99
3) Chloromethane	2.359	50	59723	19.070	ug/l	100
4) Vinyl Chloride	2.518	62	55088	18.711	ug/l	99
5) Bromomethane	2.959	94	32292	19.082	ug/l	94
6) Chloroethane	3.124	64	37416	19.463	ug/l	96
7) Trichlorofluoromethane	3.500	101	76673	19.888	ug/l	97
8) Diethyl Ether	3.959	74	26443	19.254	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	43626	19.371	ug/l	97
10) Methyl Iodide	4.594	142	35663	15.752	ug/l	96
11) Tert butyl alcohol	5.518	59	47432	97.634	ug/l	99
12) 1,1-Dichloroethene	4.341	96	39719	18.975	ug/l #	73
13) Acrolein	4.183	56	26501	73.613	ug/l	94
14) Allyl chloride	5.024	41	90043	20.092	ug/l #	85
15) Acrylonitrile	5.724	53	124206	98.717	ug/l	99
16) Acetone	4.430	43	113460	91.389	ug/l	92
17) Carbon Disulfide	4.712	76	122349	18.097	ug/l	100
18) Methyl Acetate	5.018	43	60372	19.526	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	149709	19.567	ug/l	96
20) Methylene Chloride	5.283	84	48656	19.425	ug/l #	75
21) trans-1,2-Dichloroethene	5.788	96	44225	19.388	ug/l #	80
22) Diisopropyl ether	6.677	45	183781	19.639	ug/l #	91
23) Vinyl Acetate	6.606	43	725965	98.393	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	93896	19.466	ug/l	97
25) 2-Butanone	7.482	43	180240	95.754	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	79135	19.587	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	52774	19.604	ug/l	81
28) Bromochloromethane	7.812	49	42808	19.812	ug/l #	74
29) Tetrahydrofuran	7.841	42	118823	98.318	ug/l #	82
30) Chloroform	7.965	83	90675	19.686	ug/l	97
31) Cyclohexane	8.259	56	86736	17.944	ug/l	85
32) 1,1,1-Trichloroethane	8.165	97	80372	19.668	ug/l	94
36) 1,1-Dichloropropene	8.371	75	66510	19.616	ug/l	95
37) Ethyl Acetate	7.559	43	74489	19.630	ug/l #	93
38) Carbon Tetrachloride	8.365	117	67622	19.674	ug/l	96
39) Methylcyclohexane	9.600	83	72728	19.568	ug/l #	86
40) Benzene	8.606	78	201469	19.926	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	42317	18.962	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	77533	19.938	ug/l	95
43) Isopropyl Acetate	8.688	43	142859	21.247	ug/l #	86
44) Trichloroethene	9.353	130	44720	19.471	ug/l	97
45) 1,2-Dichloropropane	9.623	63	52189	20.005	ug/l	98
46) Dibromomethane	9.712	93	33611	19.624	ug/l	98
47) Bromodichloromethane	9.894	83	71624	19.809	ug/l	96
48) Methyl methacrylate	9.682	41	62066	19.372	ug/l #	82
49) 1,4-Dioxane	9.694	88	18798	418.714	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	383198	100.309	ug/l	90
52) Toluene	10.629	92	122649	20.214	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	74631	19.958	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	79232	20.017	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	44288	20.085	ug/l	97
56) Ethyl methacrylate	10.876	69	73998	19.766	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	81244	19.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	202518	104.878	ug/l	90
59) 2-Hexanone	11.194	43	280973	100.449	ug/l	88
60) Dibromochloromethane	11.365	129	50746	20.854	ug/l	99
61) 1,2-Dibromoethane	11.470	107	45612	20.139	ug/l	95
64) Tetrachloroethene	11.106	164	44034	19.732	ug/l	95
65) Chlorobenzene	11.894	112	129173	19.421	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	44442	20.285	ug/l	98
67) Ethyl Benzene	11.964	91	229256	19.268	ug/l	98
68) m/p-Xylenes	12.076	106	172949	39.661	ug/l	94
69) o-Xylene	12.400	106	81513	19.297	ug/l	91
70) Styrene	12.412	104	140050	19.961	ug/l	96
71) Bromoform	12.582	173	32275	18.964	ug/l #	97
73) Isopropylbenzene	12.700	105	211083	19.461	ug/l	98
74) N-amyl acetate	12.494	43	112136	18.795	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	61338	19.618	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	85783	29.852	ug/l	67
77) Bromobenzene	12.982	156	48820	18.887	ug/l	84
78) n-propylbenzene	13.035	91	254979	19.852	ug/l	97
79) 2-Chlorotoluene	13.123	91	155900	19.330	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	176733	20.151	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	25222	20.529	ug/l #	77
82) 4-Chlorotoluene	13.223	91	156549	19.852	ug/l	93
83) tert-Butylbenzene	13.441	119	149478	19.482	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	178462	19.889	ug/l	98
85) sec-Butylbenzene	13.617	105	209867	19.733	ug/l	97
86) p-Isopropyltoluene	13.729	119	173994	20.131	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	91693	19.580	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	92257	19.302	ug/l	96
89) n-Butylbenzene	14.058	91	153197	19.720	ug/l	98
90) Hexachloroethane	14.335	117	30741	19.197	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	89545	20.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12700	19.770	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	49140	19.777	ug/l	97
94) Hexachlorobutadiene	15.500	225	20857	19.130	ug/l	99
95) Naphthalene	15.641	128	147544	18.948	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	48408	19.461	ug/l	100

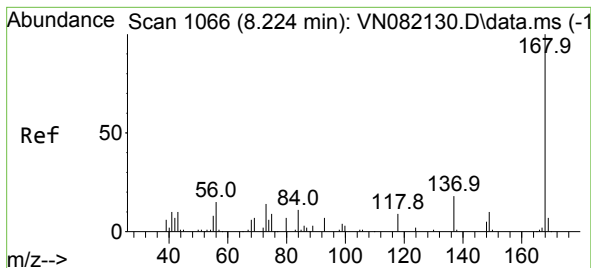
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
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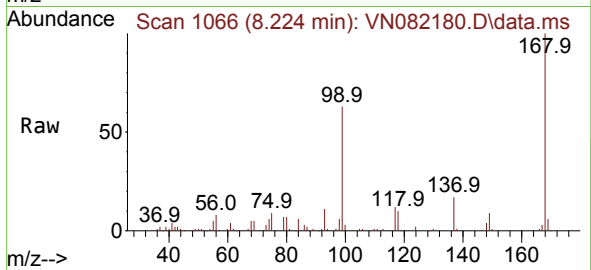
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

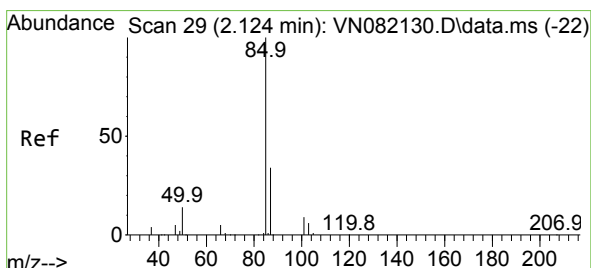
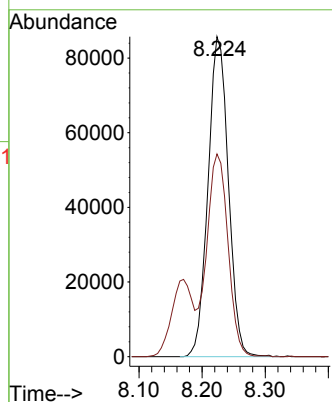
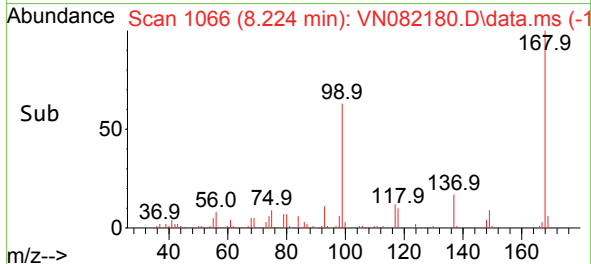


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082180.D
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Instrument :
MSVOA_N
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VN0517WBS01

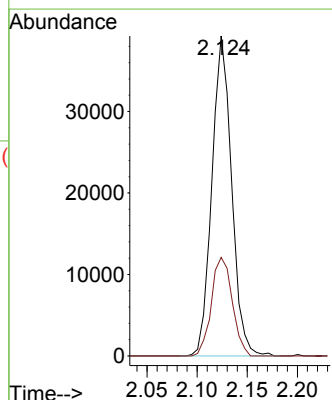
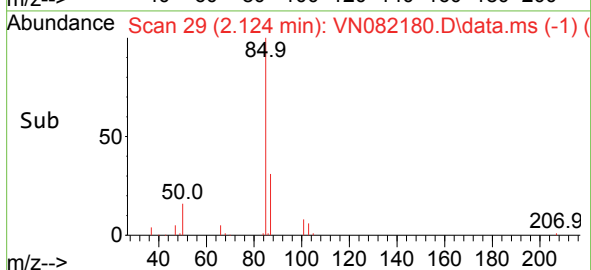
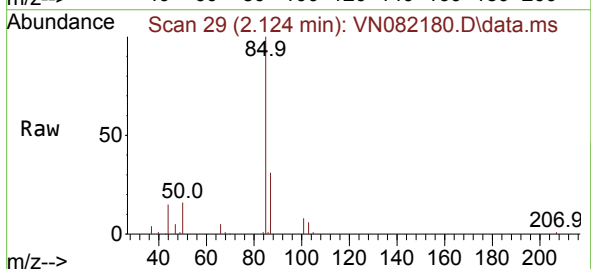


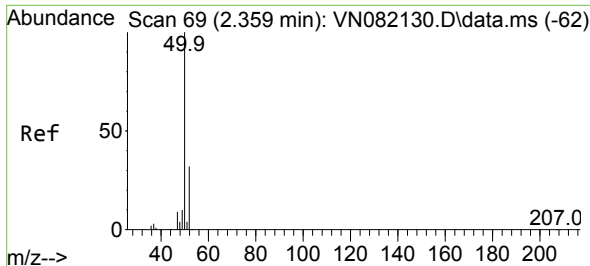
Tgt Ion:168 Resp: 191666
Ion Ratio Lower Upper
168 100
99 63.3 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 19.446 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 85 Resp: 53736
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4

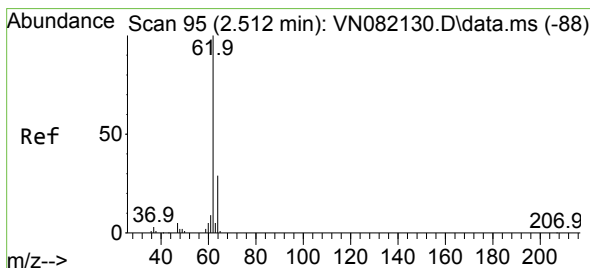
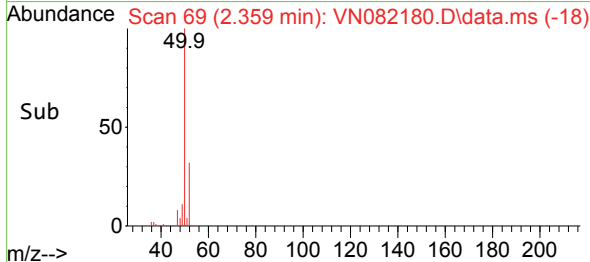
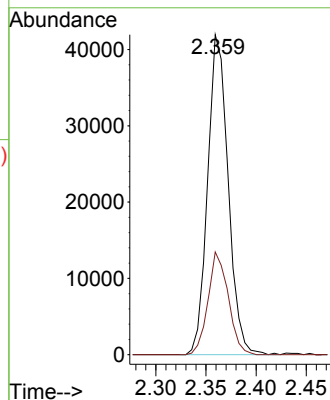
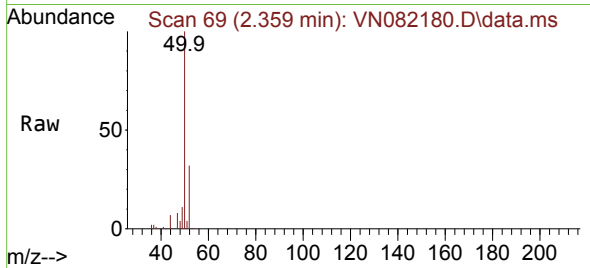




#3
Chloromethane
Concen: 19.070 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

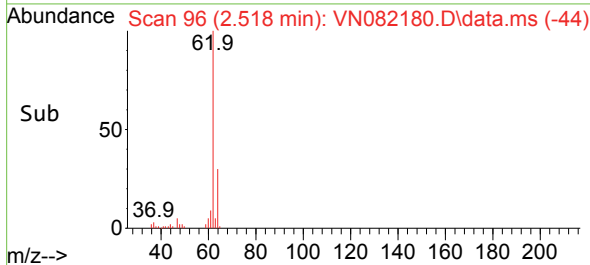
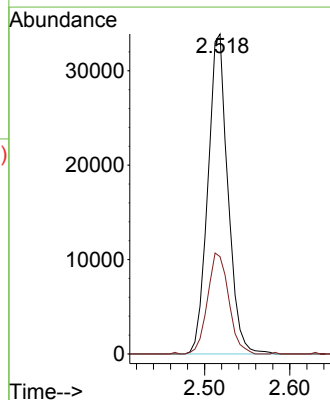
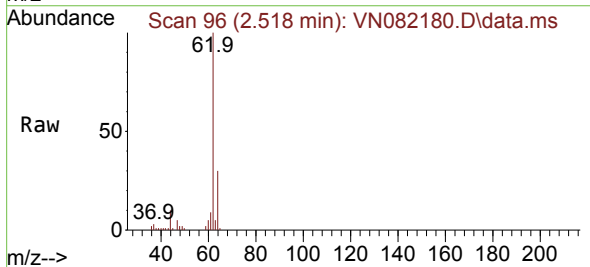
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 50 Resp: 59723
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3



#4
Vinyl Chloride
Concen: 18.711 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 62 Resp: 55088
Ion Ratio Lower Upper
62 100
64 30.4 24.6 37.0

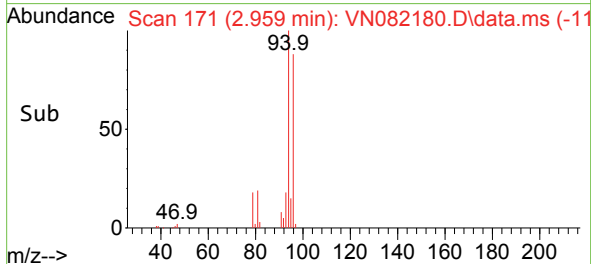
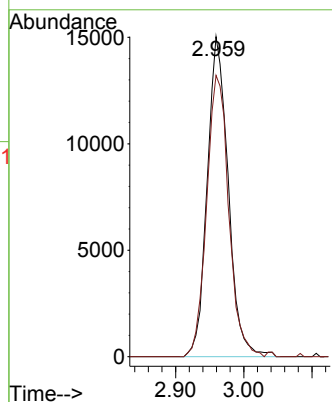
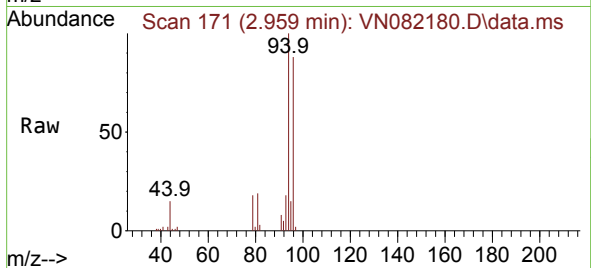




#5
Bromomethane
Concen: 19.082 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

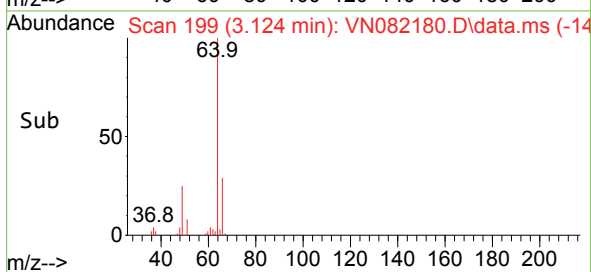
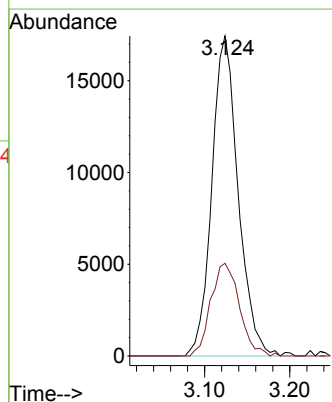
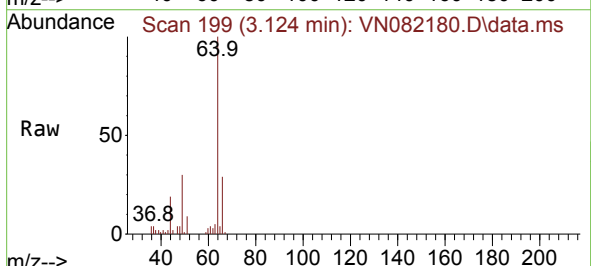
Instrument :
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ClientSampleId :
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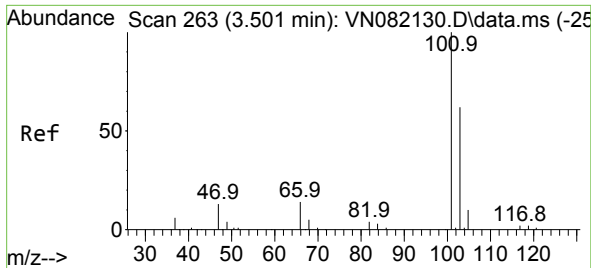
Tgt Ion: 94 Resp: 32292
Ion Ratio Lower Upper
94 100
96 87.9 74.8 112.2



#6
Chloroethane
Concen: 19.463 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 64 Resp: 37416
Ion Ratio Lower Upper
64 100
66 28.9 24.7 37.1

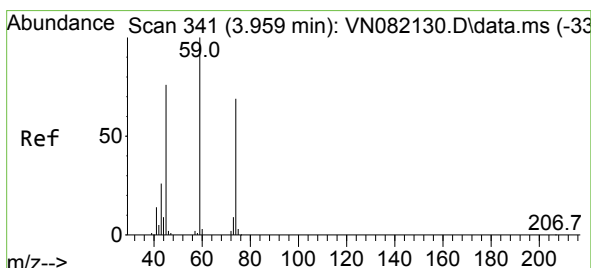
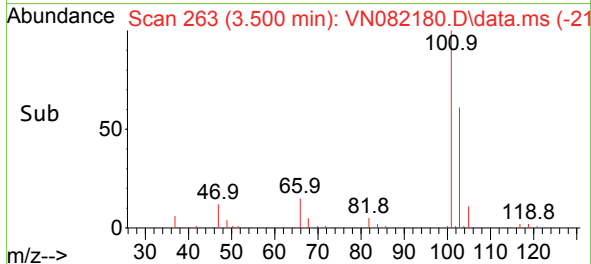
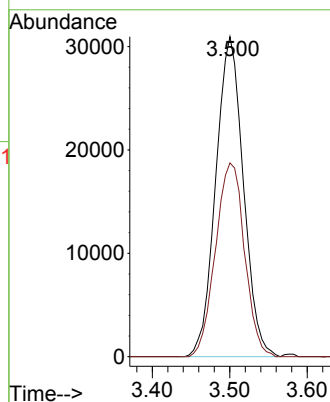
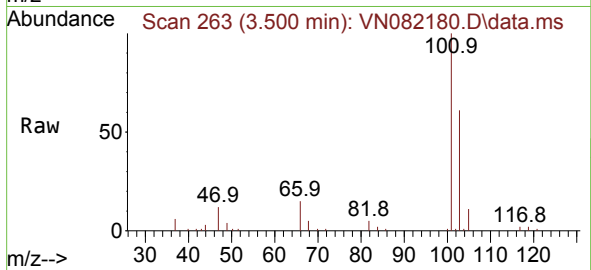




#7
 Trichlorofluoromethane
 Concen: 19.888 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN082180.D
 Acq: 17 May 2024 15:49

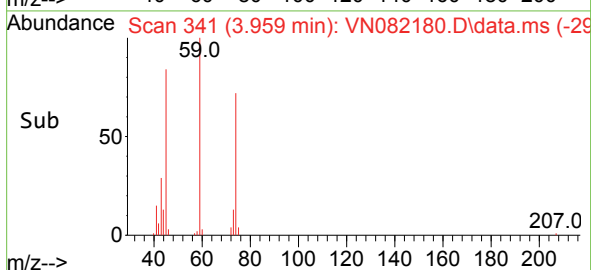
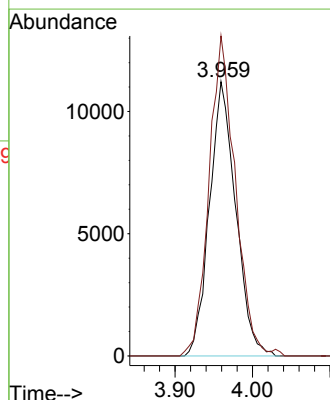
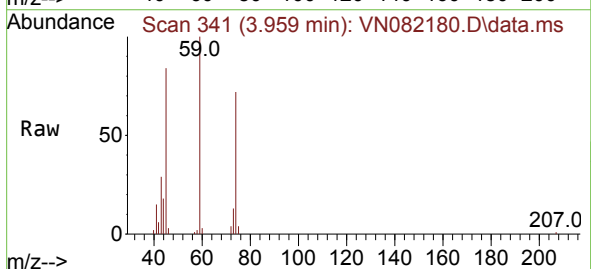
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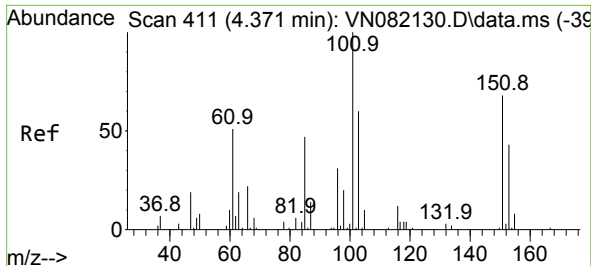
Tgt Ion:101 Resp: 76673
 Ion Ratio Lower Upper
 101 100
 103 60.5 50.6 75.8



#8
 Diethyl Ether
 Concen: 19.254 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN082180.D
 Acq: 17 May 2024 15:49

Tgt Ion: 74 Resp: 26443
 Ion Ratio Lower Upper
 74 100
 45 117.3 42.4 127.3

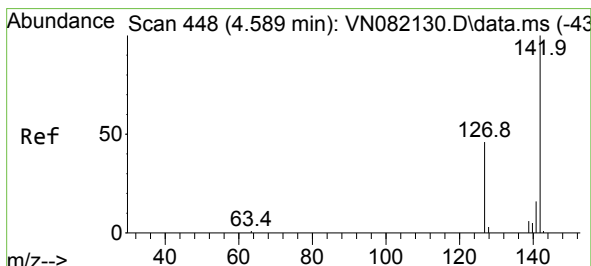
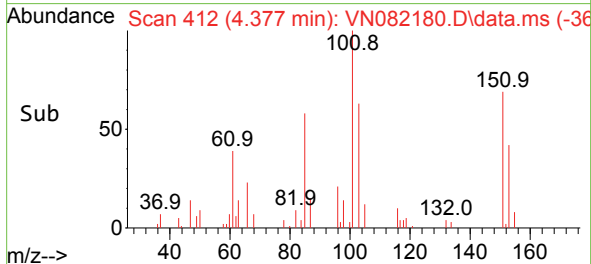
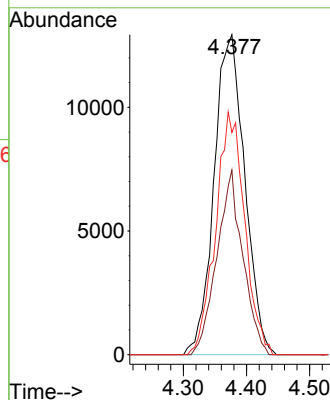
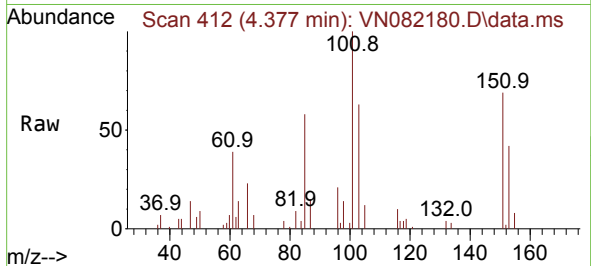




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.371 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

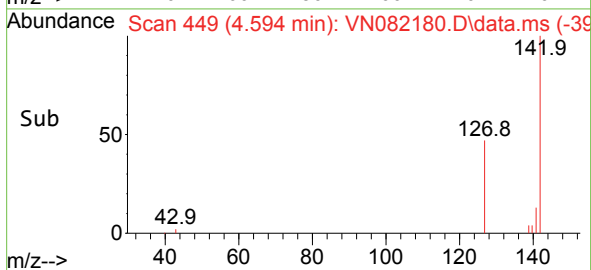
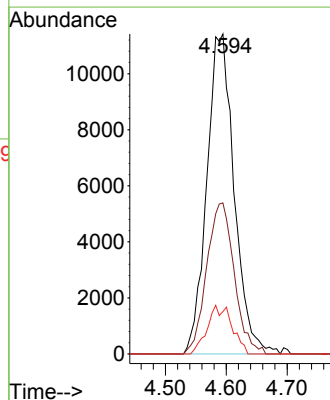
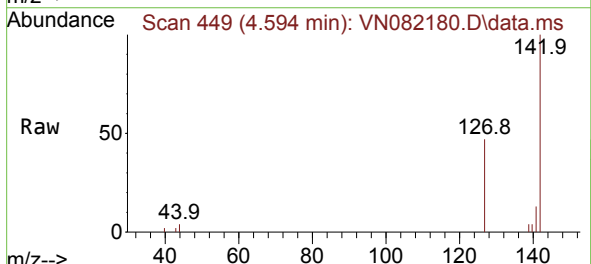
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Tgt Ion:101 Resp: 43626
Ion Ratio Lower Upper
101 100
85 49.0 37.3 55.9
151 71.7 59.2 88.8



#10
Methyl Iodide
Concen: 15.752 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion:142 Resp: 35663
Ion Ratio Lower Upper
142 100
127 47.2 35.8 53.6
141 13.2 11.4 17.2

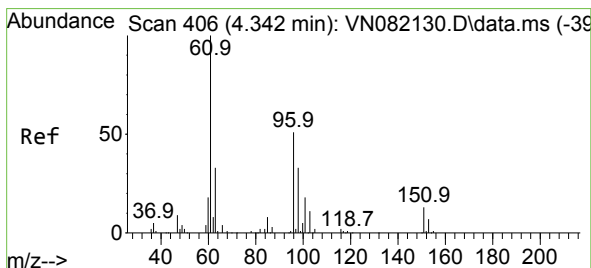
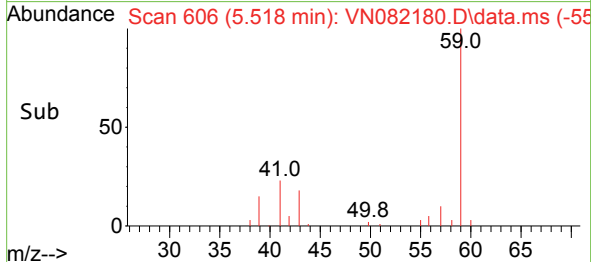
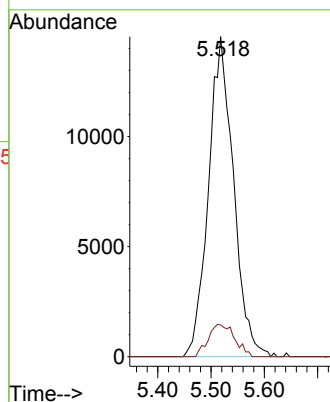
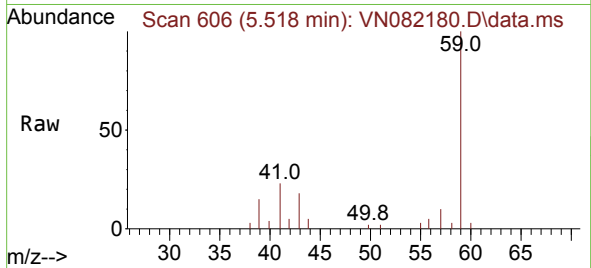




#11
Tert butyl alcohol
Concen: 97.634 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

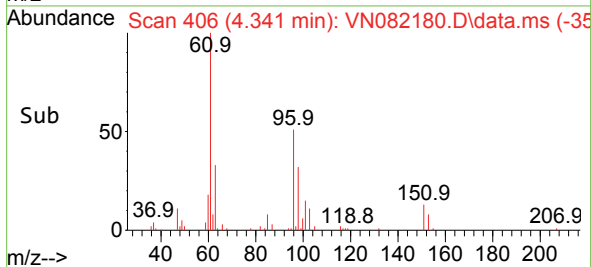
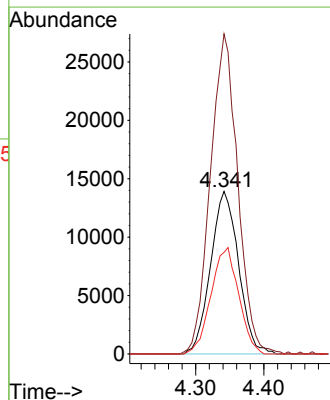
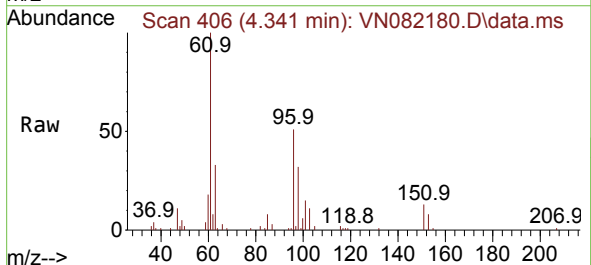
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

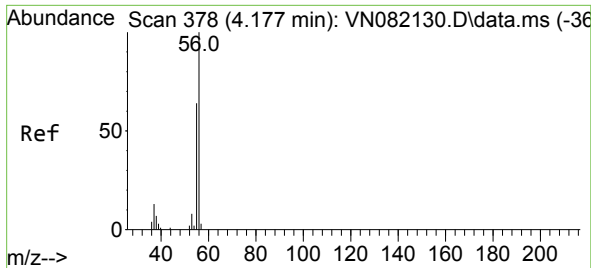
Tgt Ion: 59 Resp: 47432
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3



#12
1,1-Dichloroethene
Concen: 18.975 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 96 Resp: 39719
Ion Ratio Lower Upper
96 100
61 196.9 119.7 179.5#
98 62.5 49.6 74.4





#13

Acrolein

Concen: 73.613 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

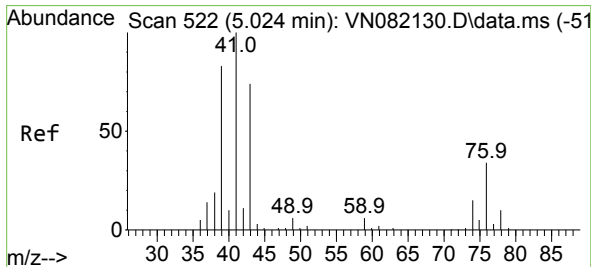
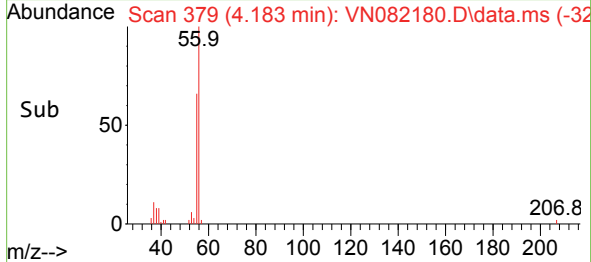
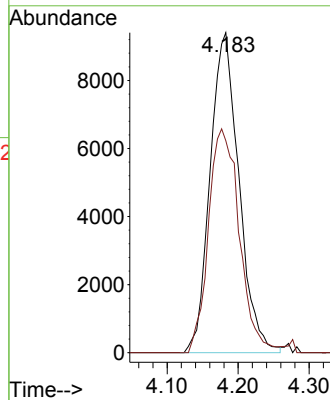
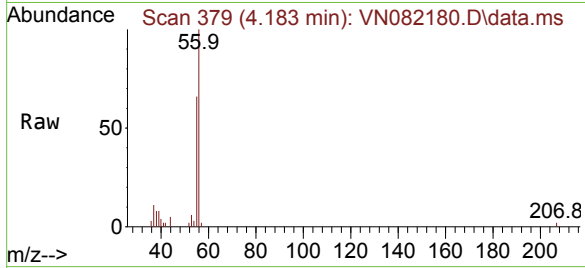
VN0517WBS01

Tgt Ion: 56 Resp: 26501

Ion Ratio Lower Upper

56 100

55 74.6 55.8 83.8



#14

Allyl chloride

Concen: 20.092 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

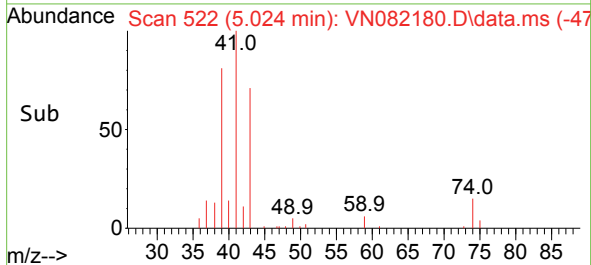
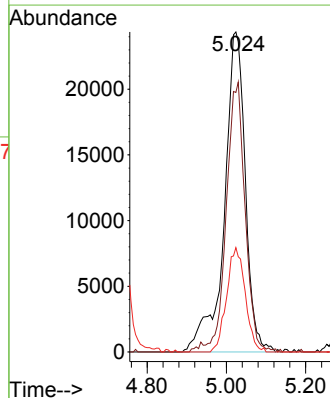
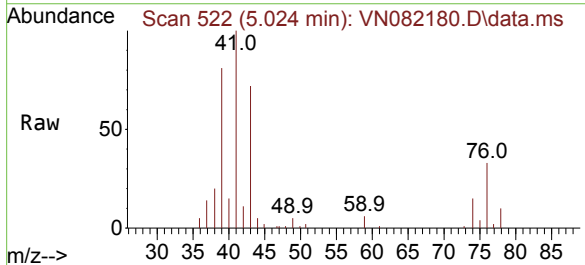
Tgt Ion: 41 Resp: 90043

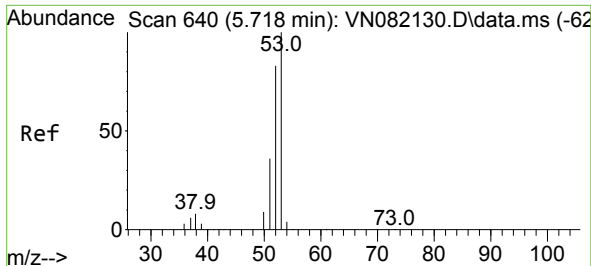
Ion Ratio Lower Upper

41 100

39 74.5 65.4 98.0

76 28.8 37.3 55.9#

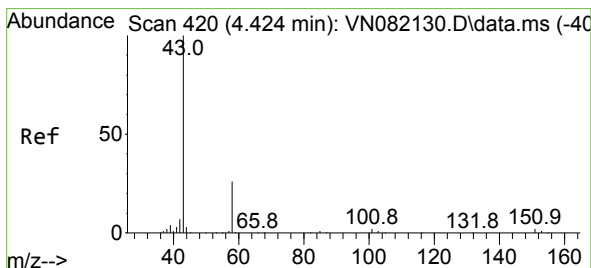
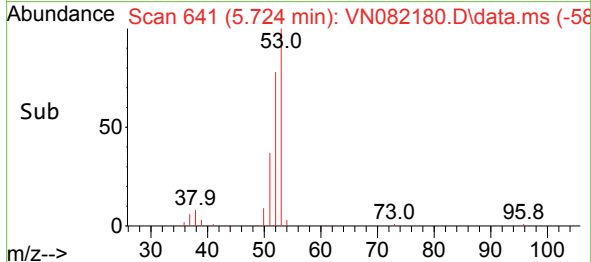
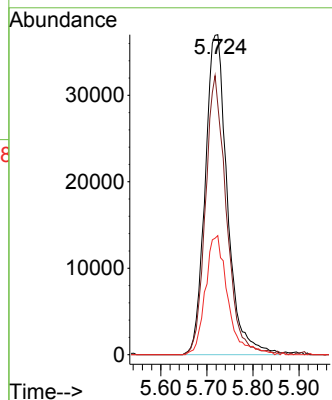
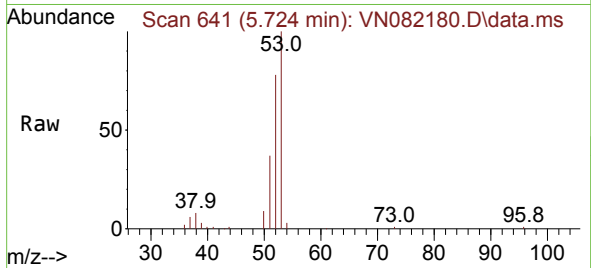




#15
Acrylonitrile
Concen: 98.717 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

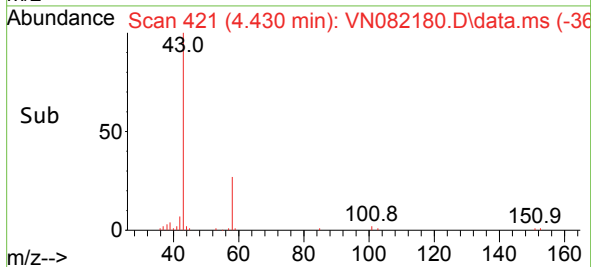
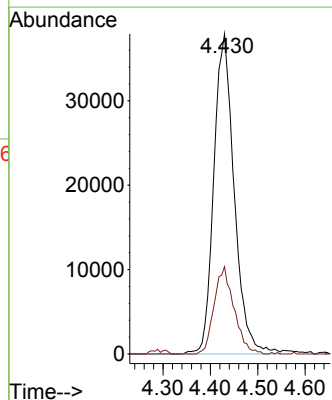
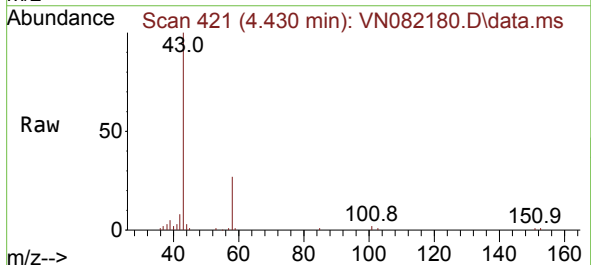
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

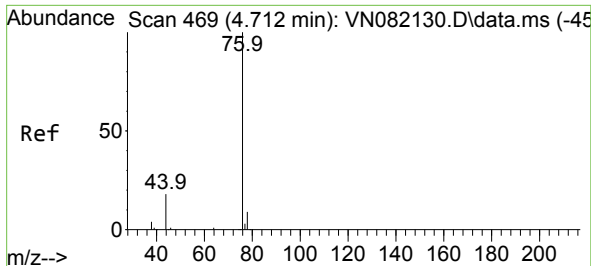
Tgt Ion: 53 Resp: 124206
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 37.7 29.4 44.2



#16
Acetone
Concen: 91.389 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 43 Resp: 113460
Ion Ratio Lower Upper
43 100
58 27.3 25.2 37.8

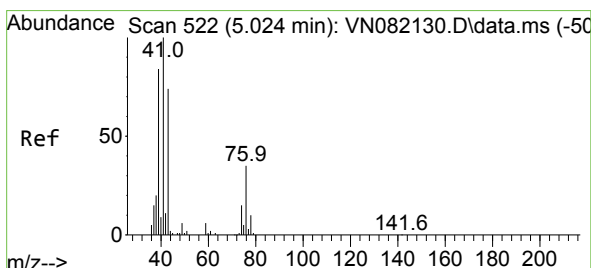
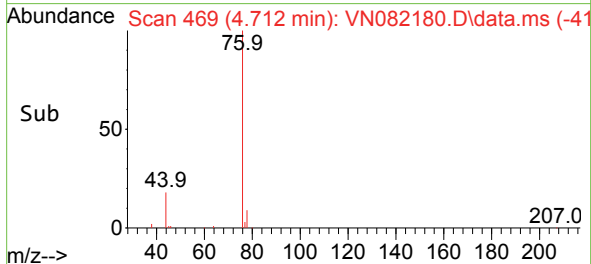
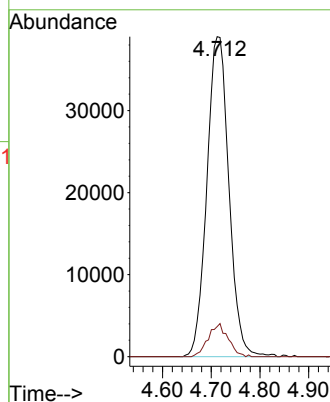
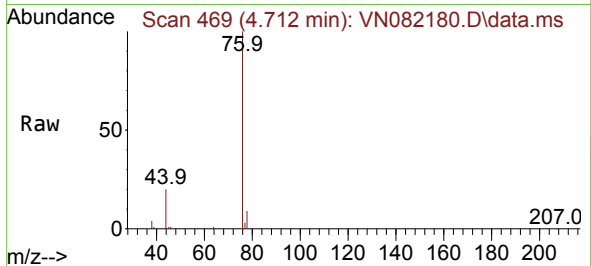




#17
Carbon Disulfide
Concen: 18.097 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

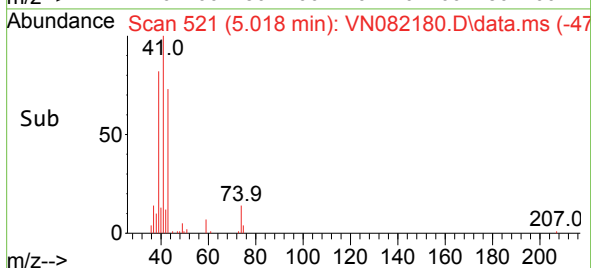
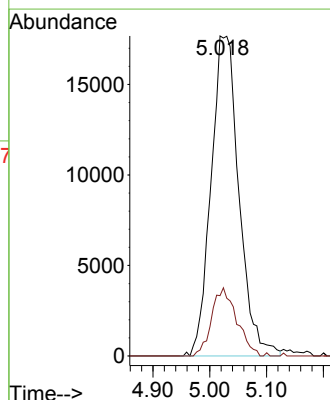
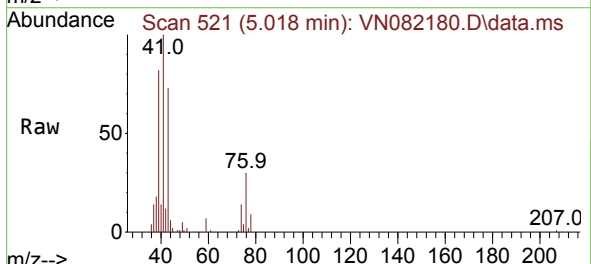
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

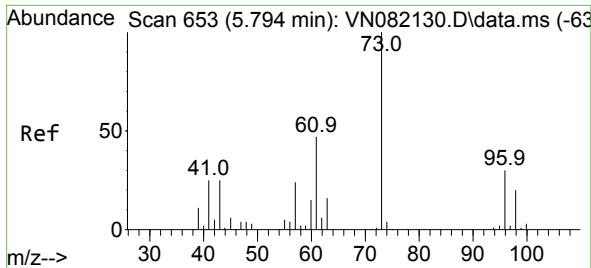
Tgt Ion: 76 Resp: 122349
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 19.526 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 43 Resp: 60372
Ion Ratio Lower Upper
43 100
74 19.1 22.2 33.2#

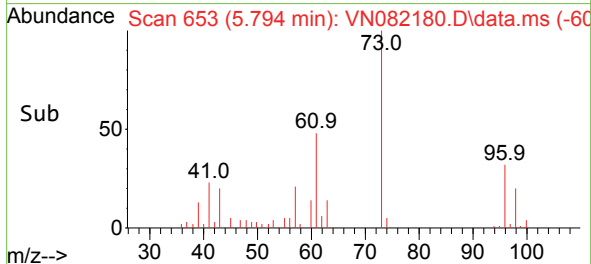
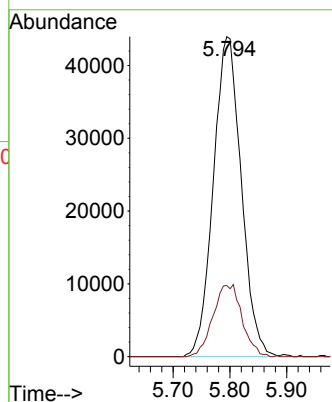
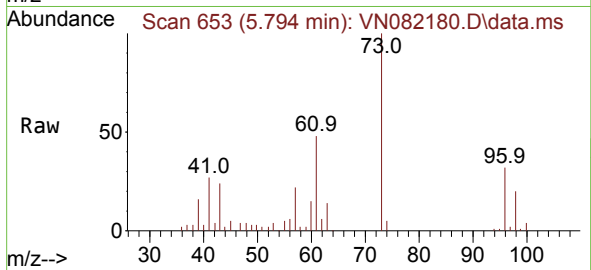




#19
Methyl tert-butyl Ether
Concen: 19.567 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

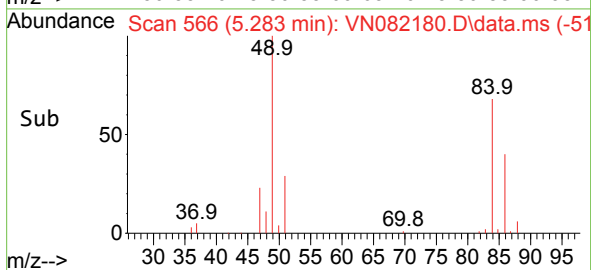
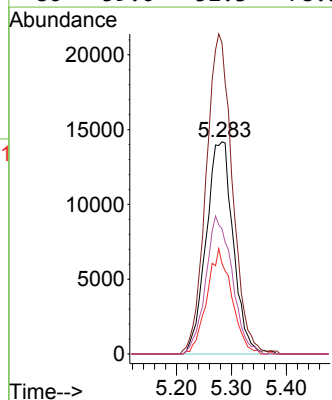
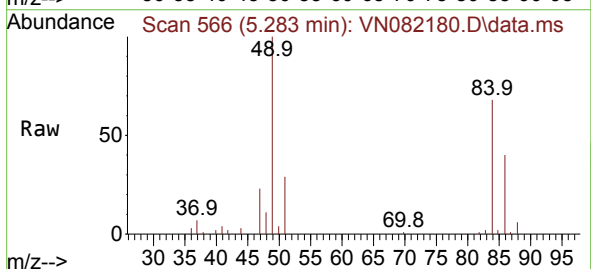
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

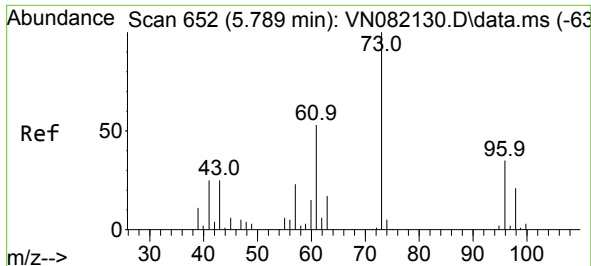
Tgt Ion: 73 Resp: 149709
Ion Ratio Lower Upper
73 100
57 22.3 16.5 24.7



#20
Methylene Chloride
Concen: 19.425 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 84 Resp: 48656
Ion Ratio Lower Upper
84 100
49 146.7 84.9 127.3#
51 42.6 27.0 40.6#
86 59.0 52.3 78.5

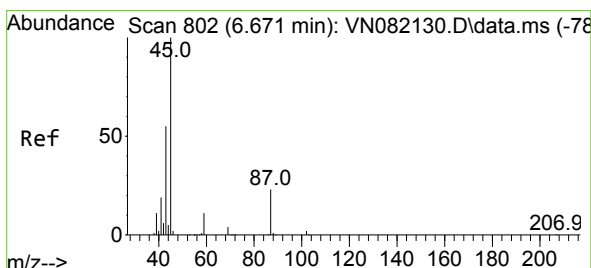
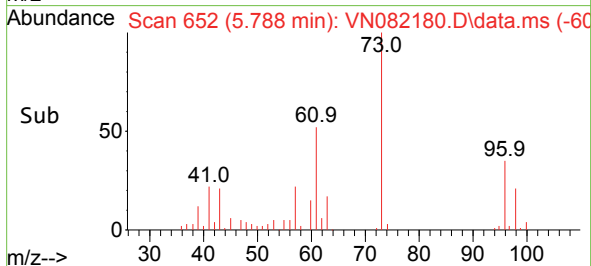
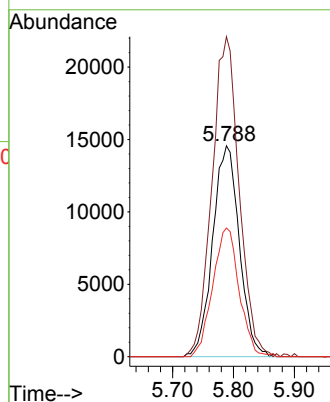
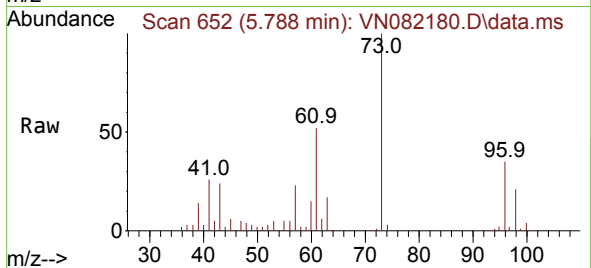




#21
trans-1,2-Dichloroethene
Concen: 19.388 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

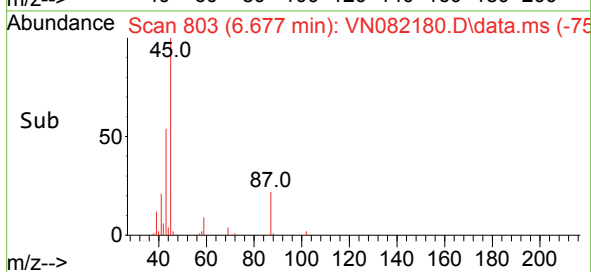
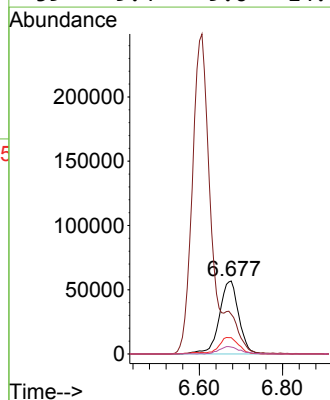
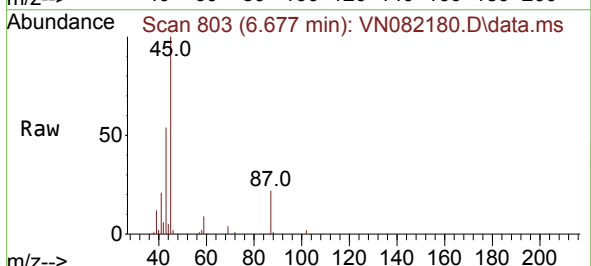
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 96 Resp: 44225
Ion Ratio Lower Upper
96 100
61 151.8 96.5 144.7#
98 61.0 51.3 76.9



#22
Diisopropyl ether
Concen: 19.639 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 45 Resp: 183781
Ion Ratio Lower Upper
45 100
43 53.1 44.1 66.1
87 22.4 27.0 40.6#
59 9.4 9.6 14.4#

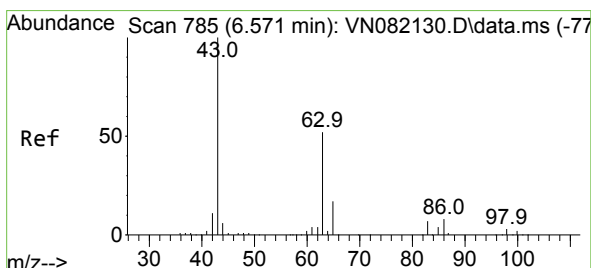
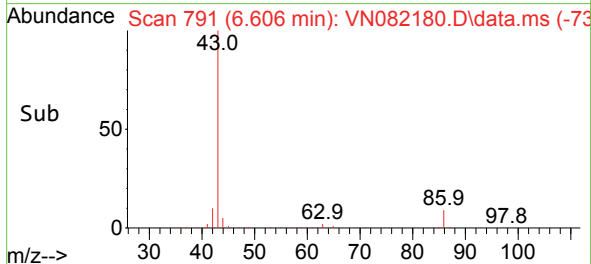
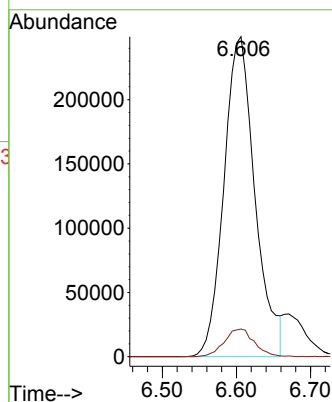
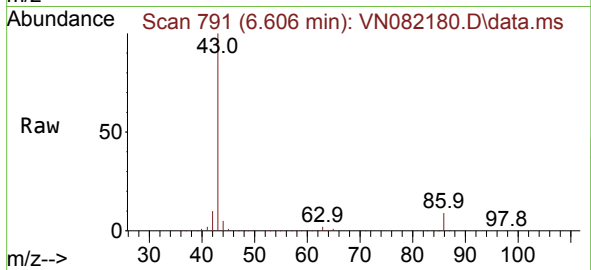




#23
 Vinyl Acetate
 Concen: 98.393 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082180.D
 Acq: 17 May 2024 15:49

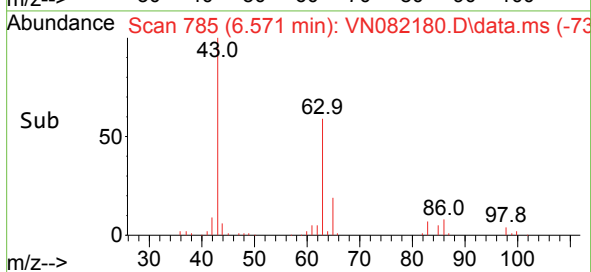
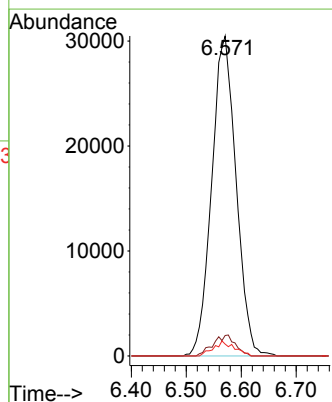
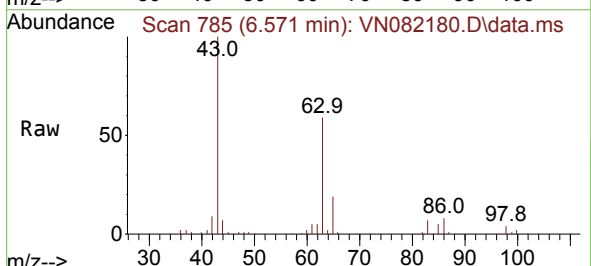
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01

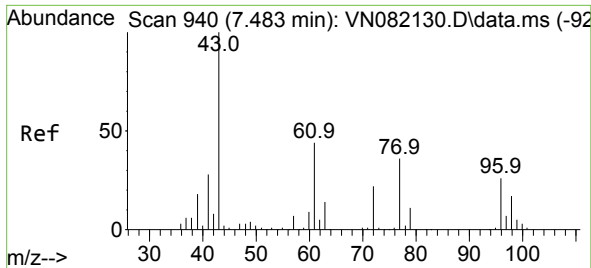
Tgt Ion: 43 Resp: 725965
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 19.466 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082180.D
 Acq: 17 May 2024 15:49

Tgt Ion: 63 Resp: 93896
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 3.7 2.6 7.8

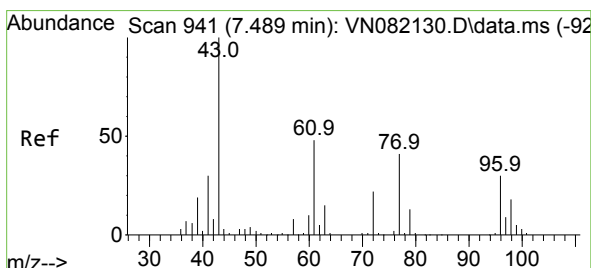
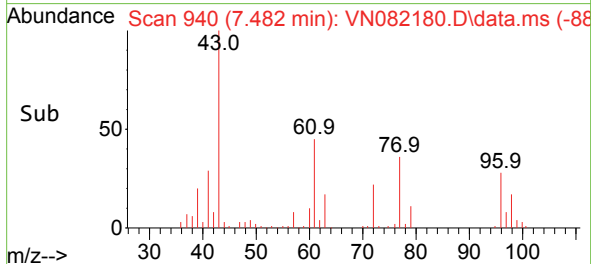
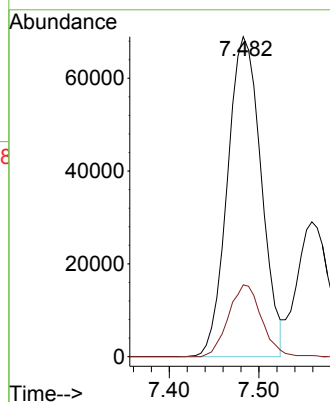
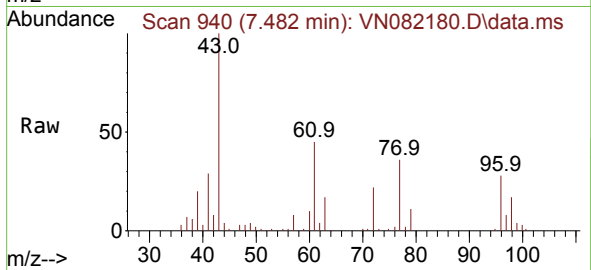




#25
2-Butanone
Concen: 95.754 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

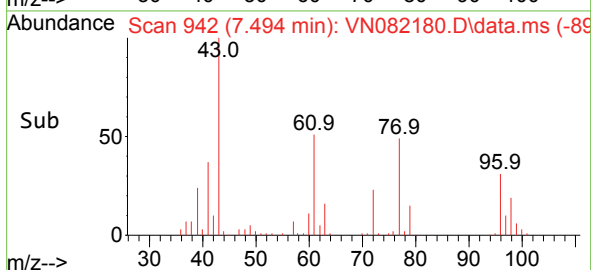
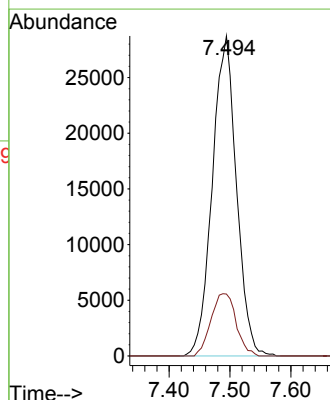
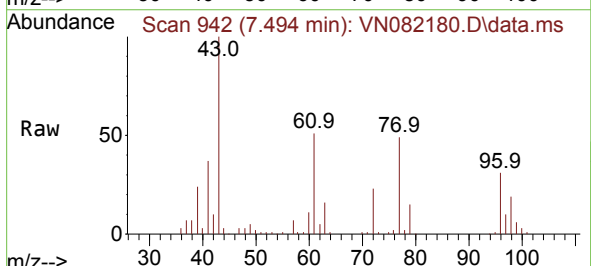
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 43 Resp: 180240
Ion Ratio Lower Upper
43 100
72 22.4 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 19.587 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

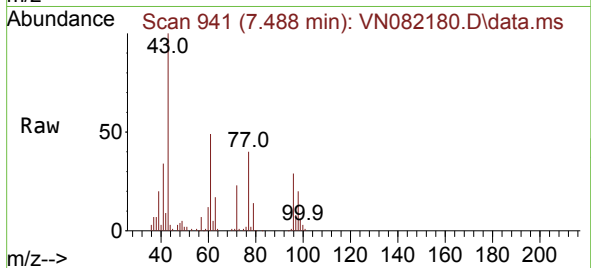
Tgt Ion: 77 Resp: 79135
Ion Ratio Lower Upper
77 100
97 20.3 11.3 33.9



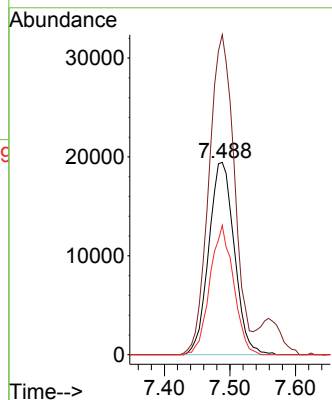
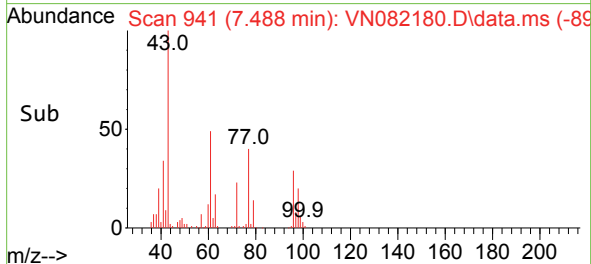


#27
cis-1,2-Dichloroethene
Concen: 19.604 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

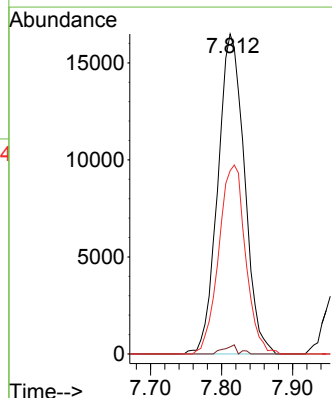
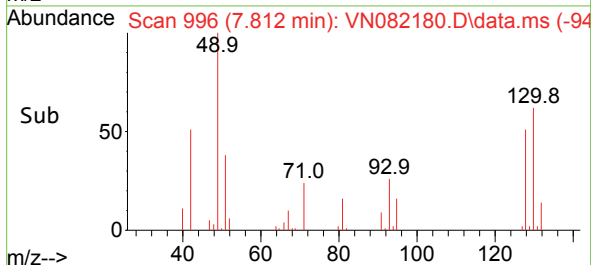
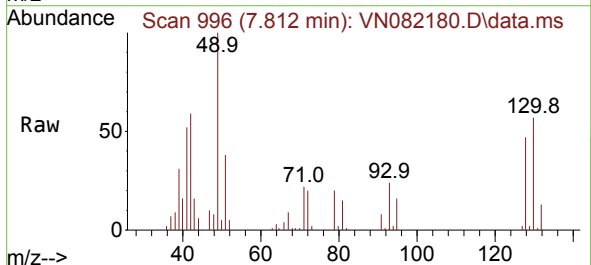


Tgt Ion: 96 Resp: 52774
Ion Ratio Lower Upper
96 100
61 165.5 0.0 268.0
98 62.0 0.0 126.8



#28
Bromochloromethane
Concen: 19.812 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 49 Resp: 42808
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 59.5 66.7 100.1#





#29

Tetrahydrofuran

Concen: 98.318 ug/l

RT: 7.841 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

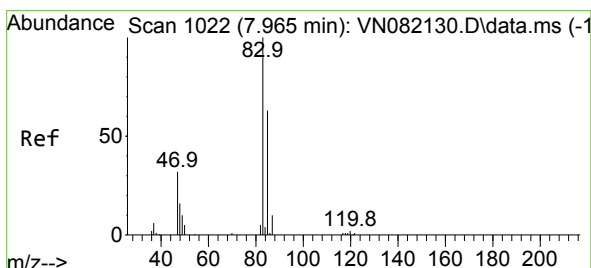
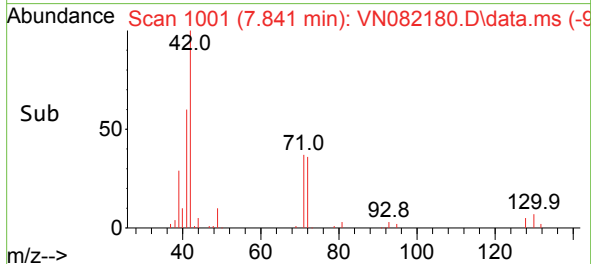
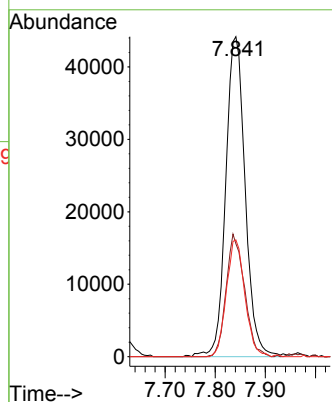
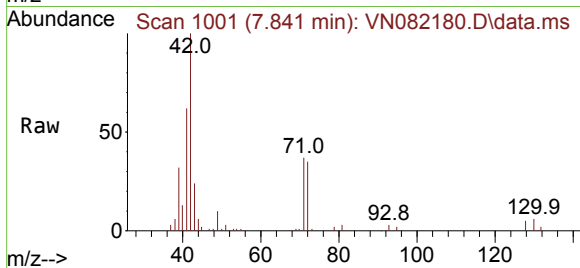
Tgt Ion: 42 Resp: 118823

Ion Ratio Lower Upper

42 100

72 36.4 39.3 58.9#

71 34.7 37.4 56.0#



#30

Chloroform

Concen: 19.686 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082180.D

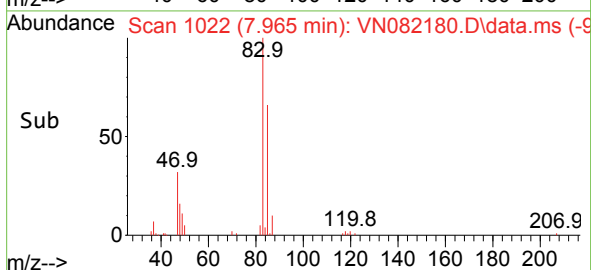
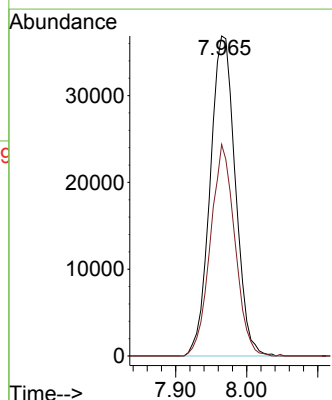
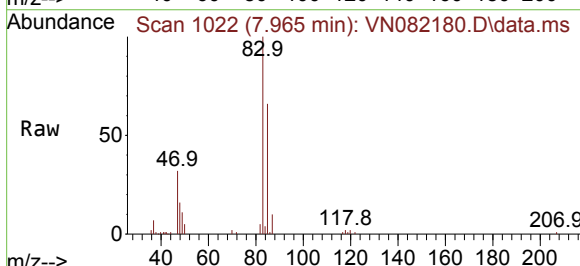
Acq: 17 May 2024 15:49

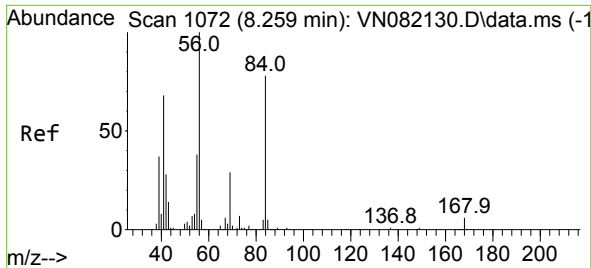
Tgt Ion: 83 Resp: 90675

Ion Ratio Lower Upper

83 100

85 66.1 50.7 76.1

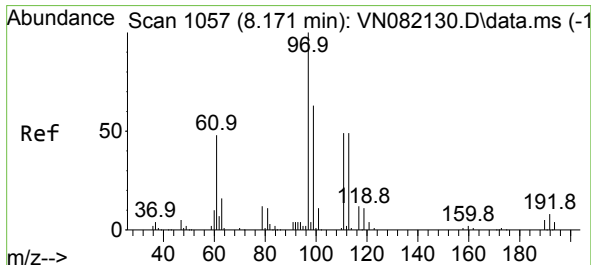
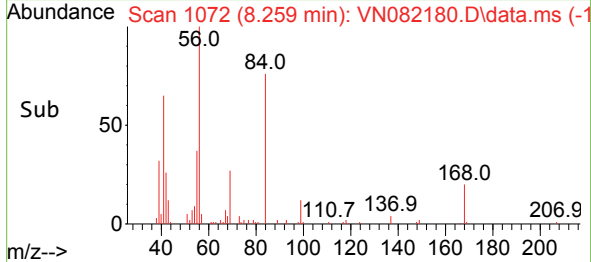
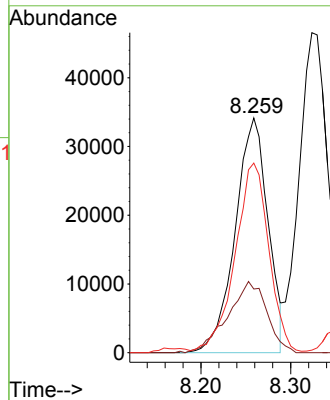
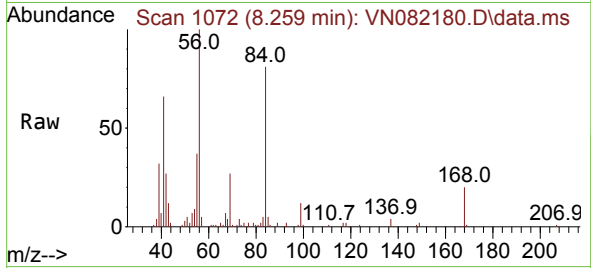




#31
Cyclohexane
Concen: 17.944 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

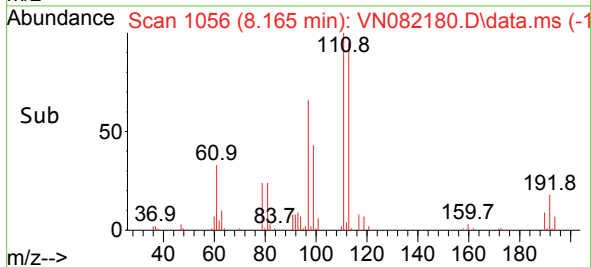
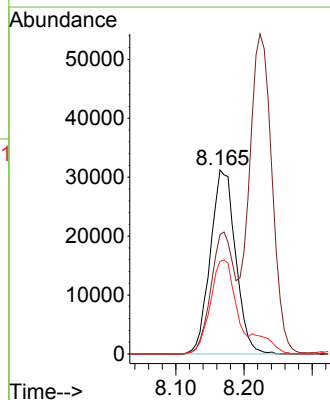
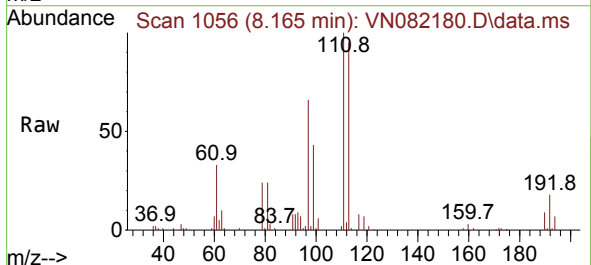
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 56 Resp: 86736
Ion Ratio Lower Upper
56 100
69 26.5 24.4 36.6
84 79.0 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 19.668 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 97 Resp: 80372
Ion Ratio Lower Upper
97 100
99 59.0 50.3 75.5
61 51.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.276 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

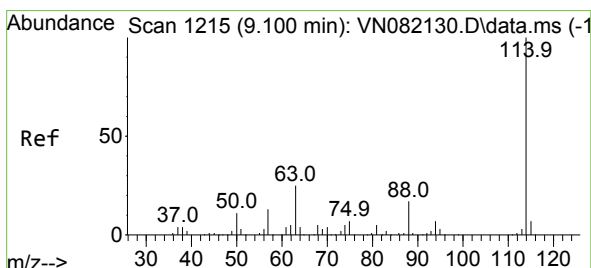
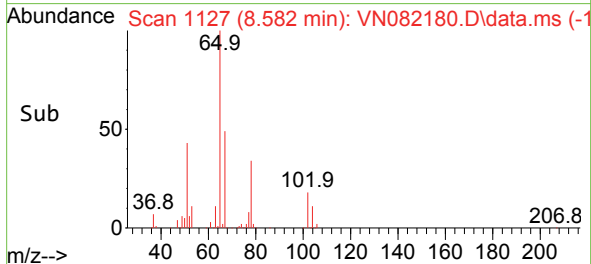
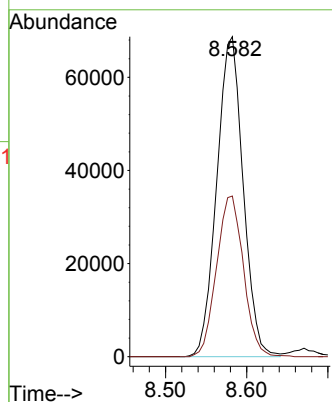
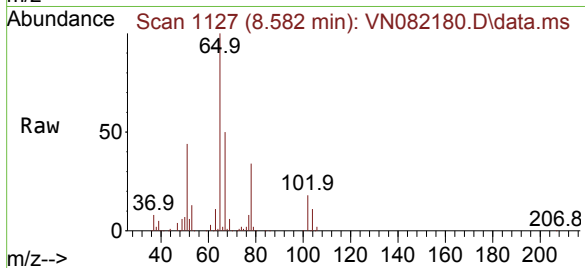
VN0517WBS01

Tgt Ion: 65 Resp: 155184

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

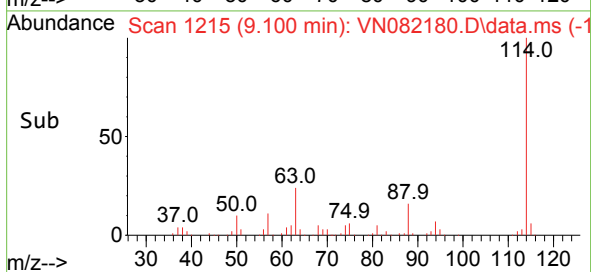
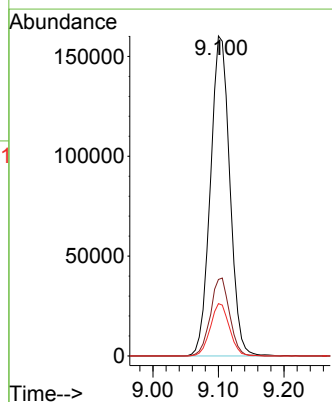
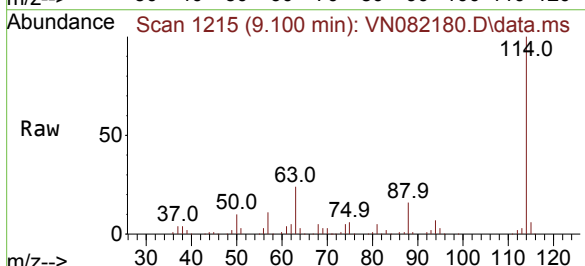
Tgt Ion: 114 Resp: 328644

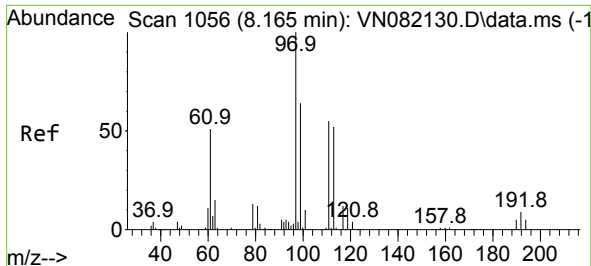
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 16.3 0.0 31.4

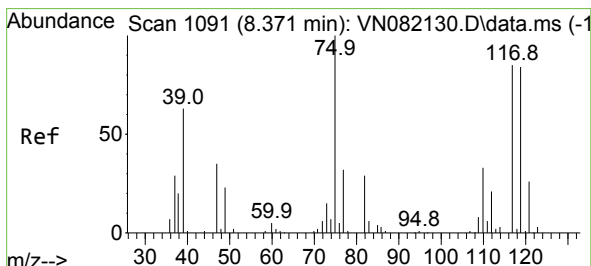
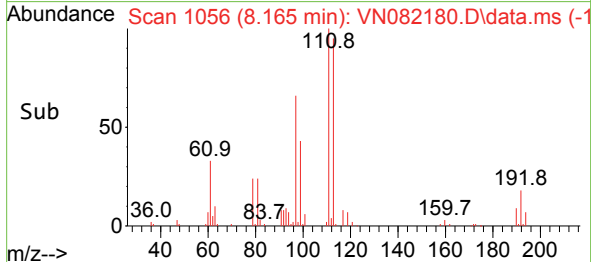
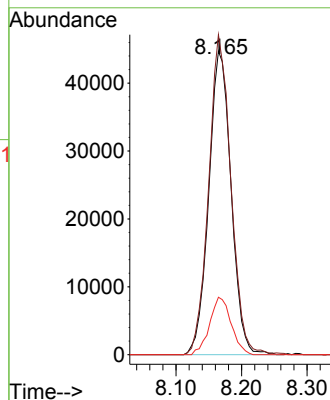
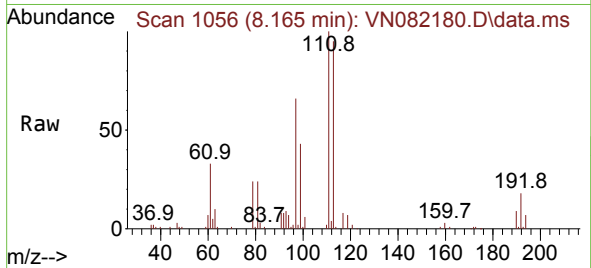




#35
Dibromofluoromethane
Concen: 52.327 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

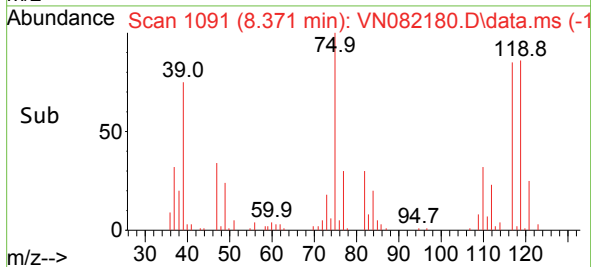
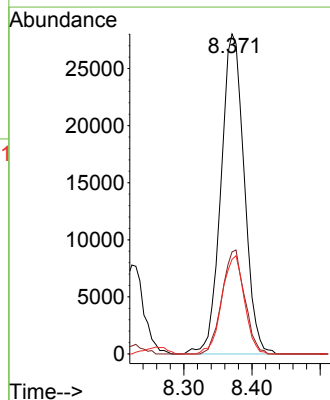
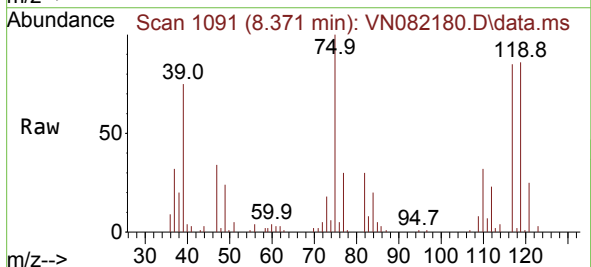
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

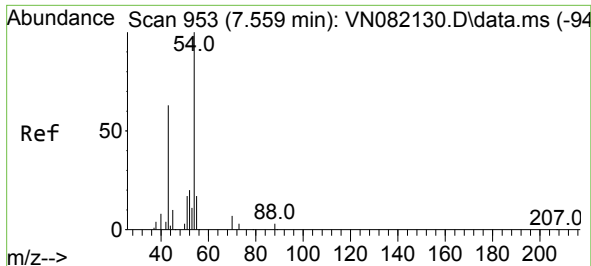
Tgt Ion:113 Resp: 105787
Ion Ratio Lower Upper
113 100
111 105.1 83.4 125.2
192 18.2 14.0 21.0



#36
1,1-Dichloropropene
Concen: 19.616 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 75 Resp: 66510
Ion Ratio Lower Upper
75 100
110 31.6 17.8 53.5
77 29.7 25.0 37.4

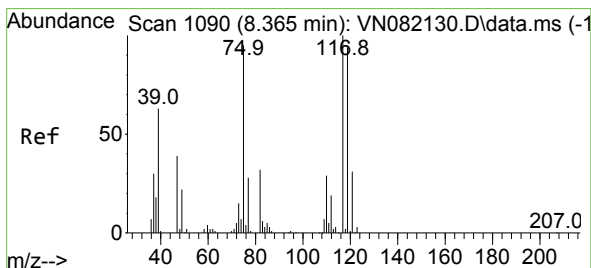
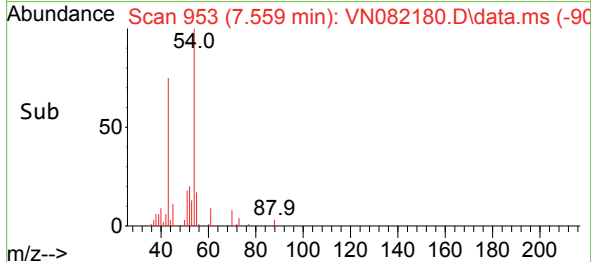
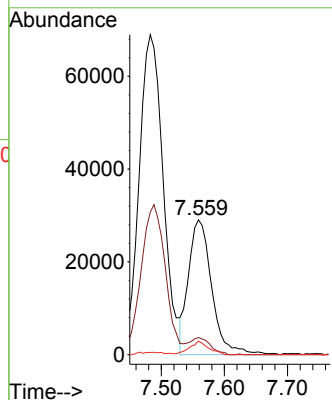
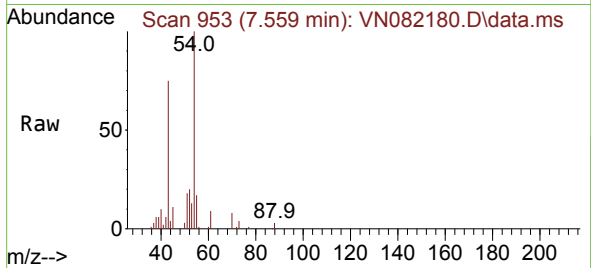




#37
Ethyl Acetate
Concen: 19.630 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

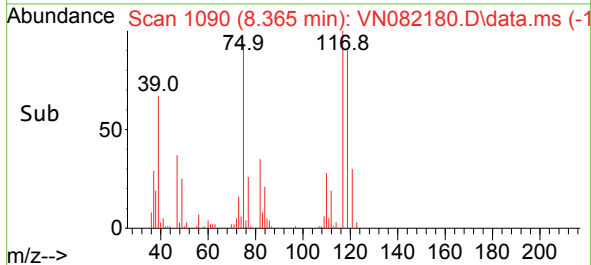
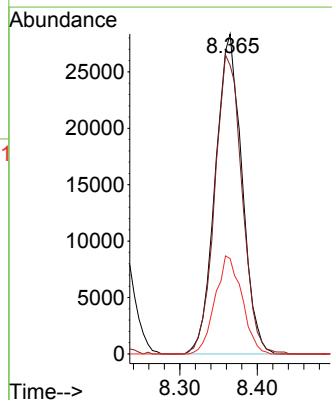
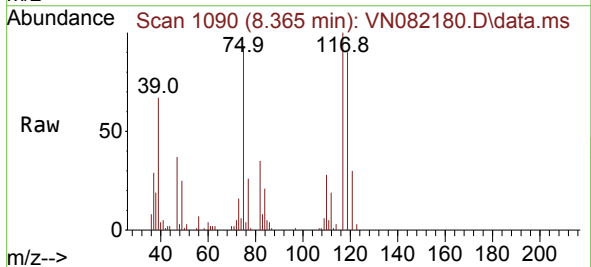
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

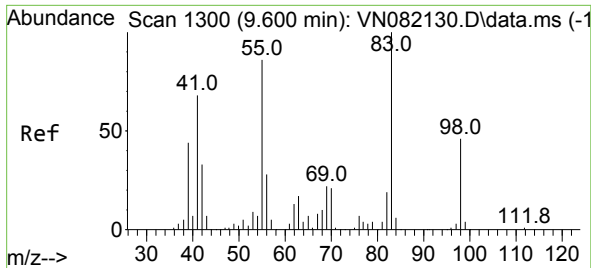
Tgt Ion: 43 Resp: 74489
Ion Ratio Lower Upper
43 100
61 11.5 11.3 16.9
70 8.1 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 19.674 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 117 Resp: 67622
Ion Ratio Lower Upper
117 100
119 90.2 76.5 114.7
121 29.8 23.9 35.9

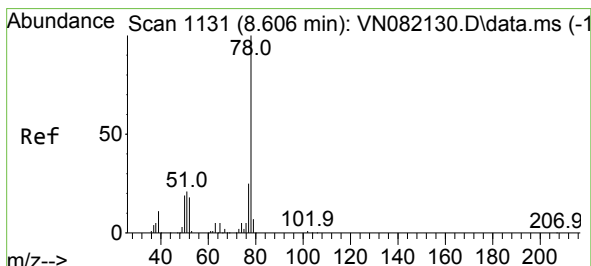
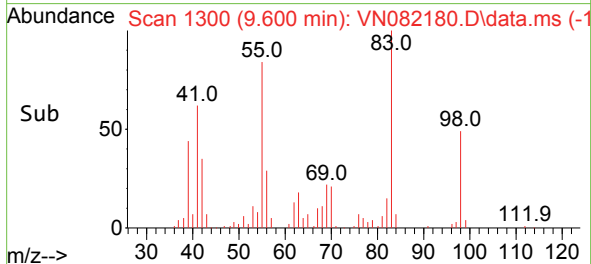
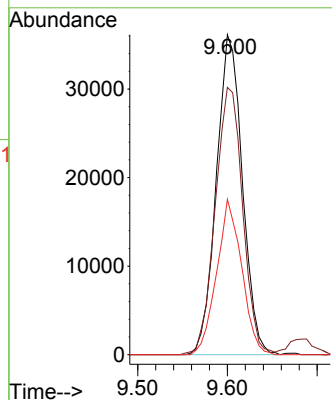
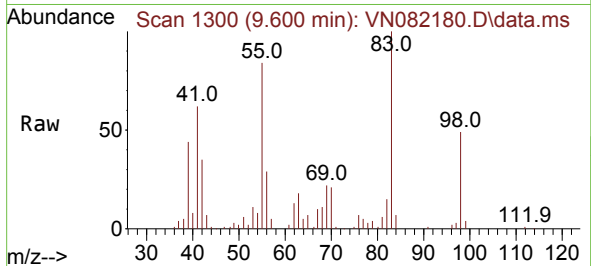




#39
Methylcyclohexane
Concen: 19.568 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

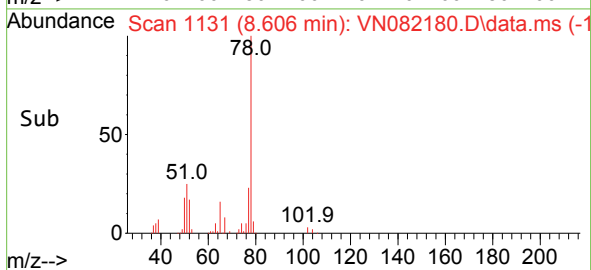
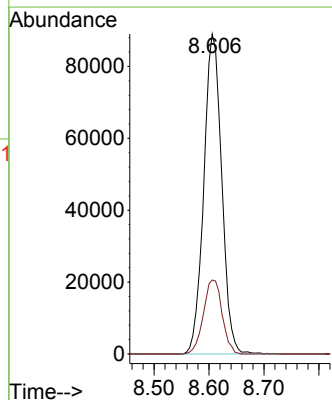
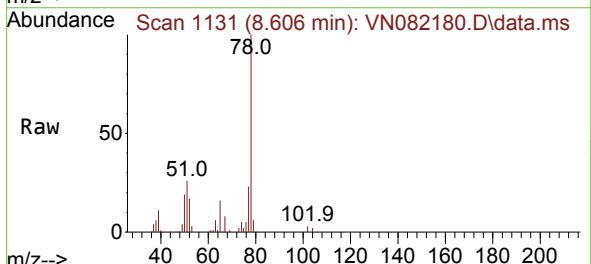
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

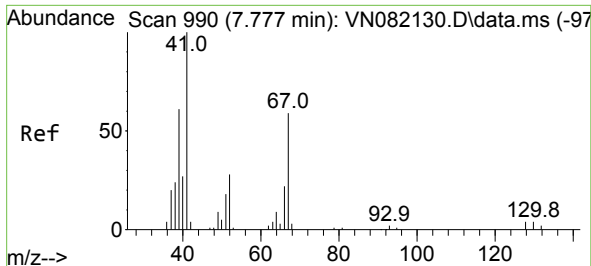
Tgt Ion: 83 Resp: 72728
Ion Ratio Lower Upper
83 100
55 83.6 53.0 79.6#
98 48.5 37.1 55.7



#40
Benzene
Concen: 19.926 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 78 Resp: 201469
Ion Ratio Lower Upper
78 100
77 23.1 20.0 30.0

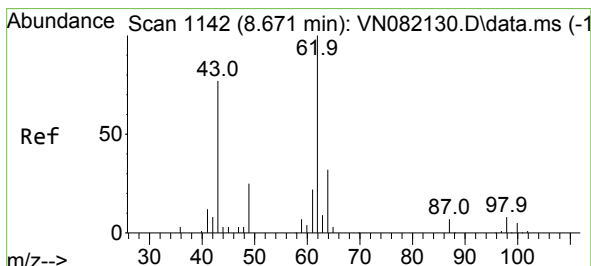
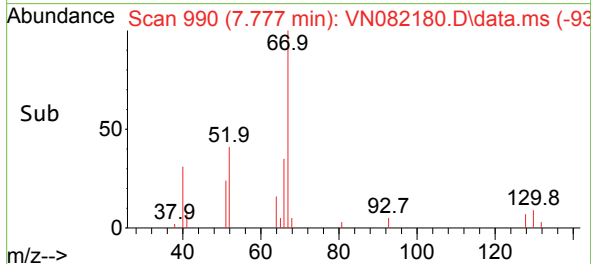
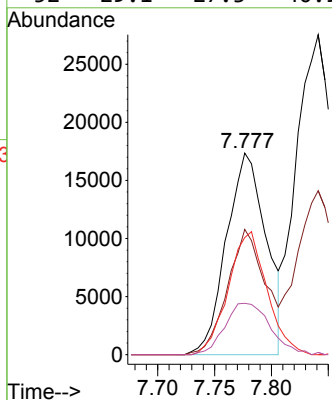
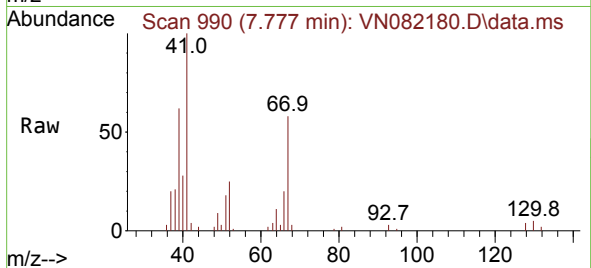




#41
Methacrylonitrile
Concen: 18.962 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

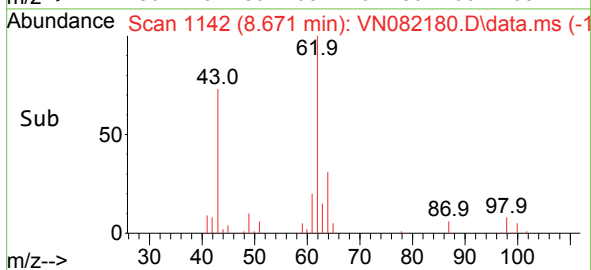
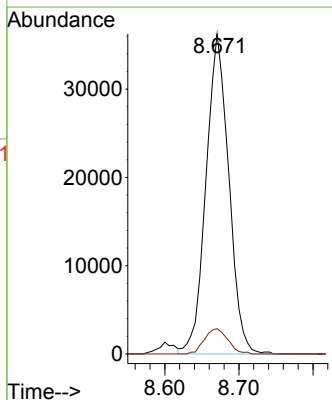
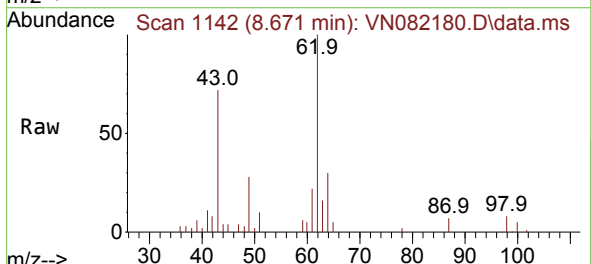
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

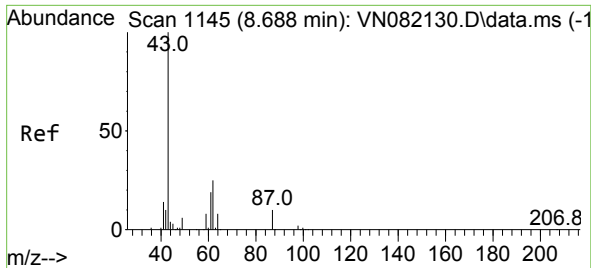
Tgt Ion:	41	Resp:	42317
Ion	Ratio	Lower	Upper
41	100		
39	59.1	46.6	69.8
67	59.3	67.3	100.9
52	29.1	27.3	40.9



#42
1,2-Dichloroethane
Concen: 19.938 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion:	62	Resp:	77533
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	19.6

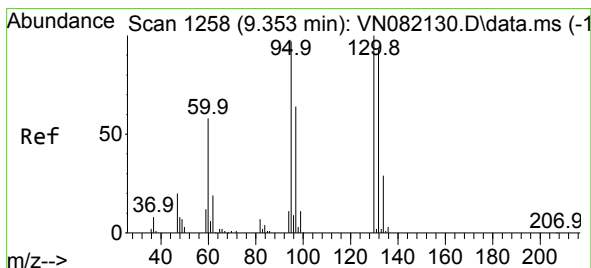
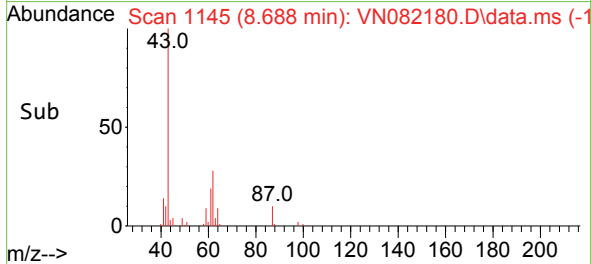
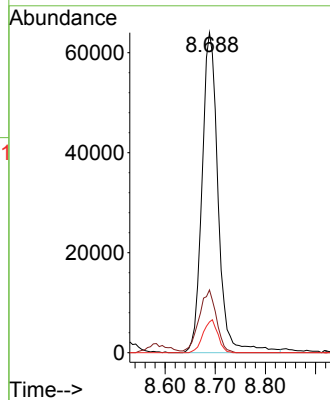
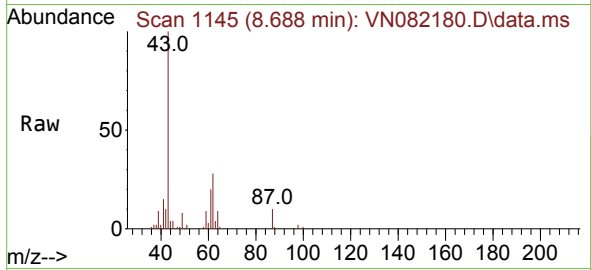




#43
Isopropyl Acetate
Concen: 21.247 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

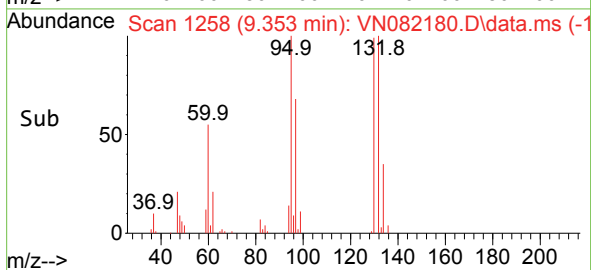
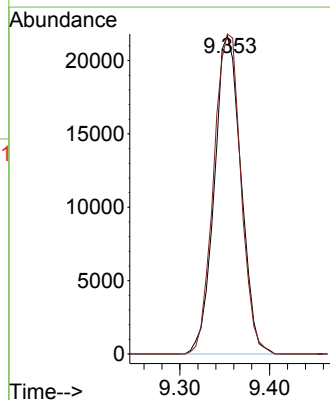
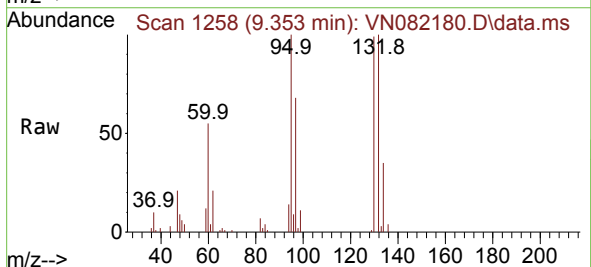
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 43 Resp: 142859
Ion Ratio Lower Upper
43 100
61 21.1 22.8 34.2#
87 9.4 12.0 18.0#



#44
Trichloroethene
Concen: 19.471 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion:130 Resp: 44720
Ion Ratio Lower Upper
130 100
95 100.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.005 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

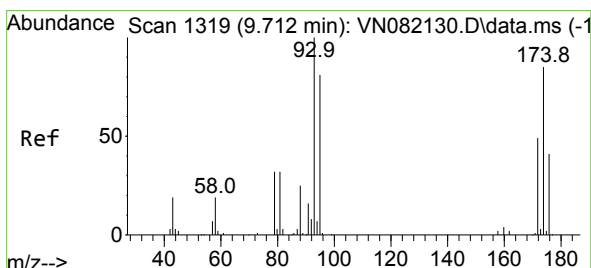
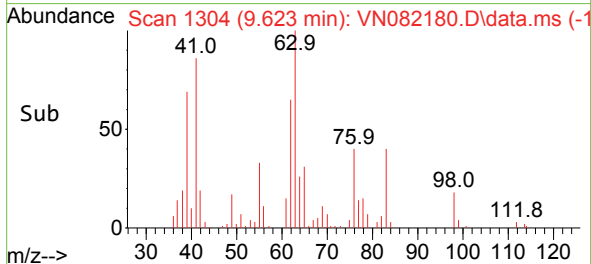
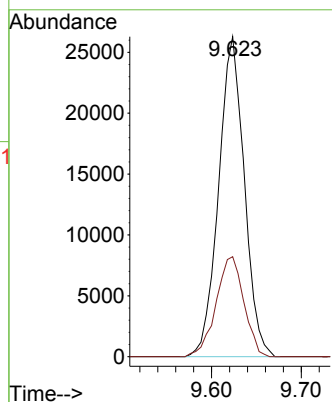
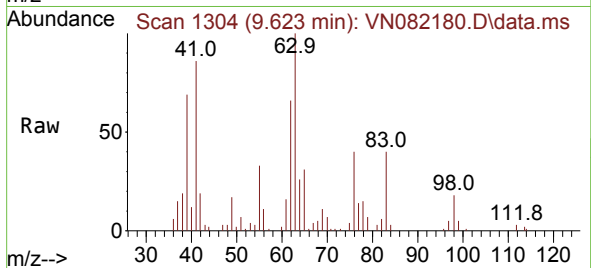
VN0517WBS01

Tgt Ion: 63 Resp: 52189

Ion Ratio Lower Upper

63 100

65 31.2 24.1 36.1



#46

Dibromomethane

Concen: 19.624 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

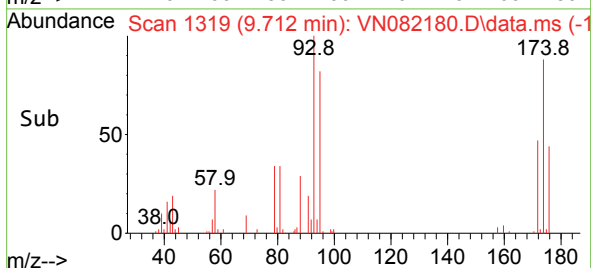
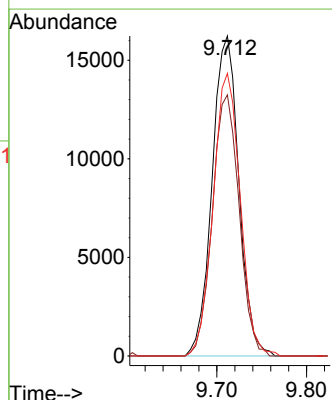
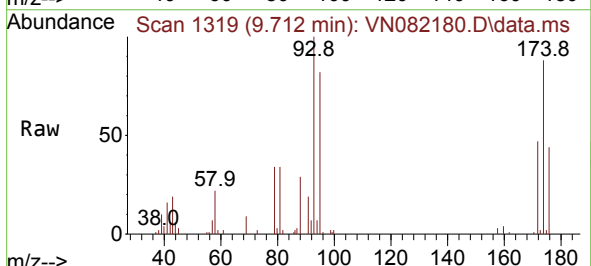
Tgt Ion: 93 Resp: 33611

Ion Ratio Lower Upper

93 100

95 81.7 64.8 97.2

174 89.4 73.4 110.0

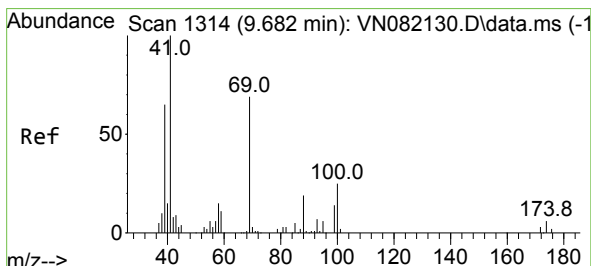
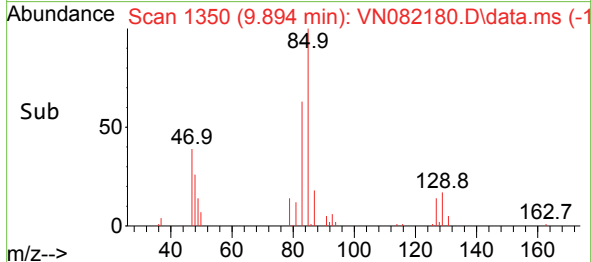
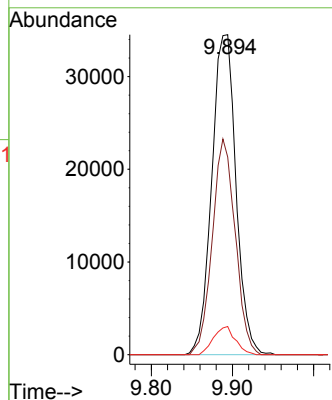
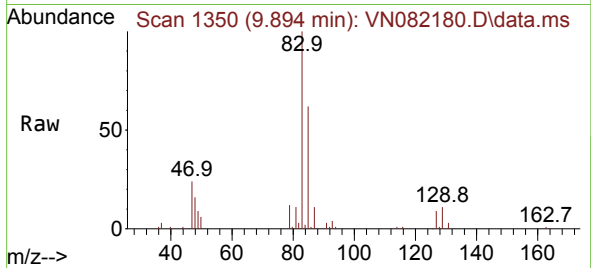




#47
Bromodichloromethane
Concen: 19.809 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

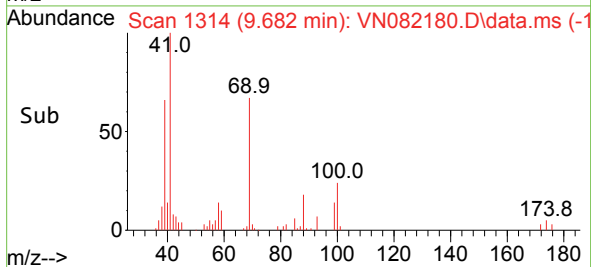
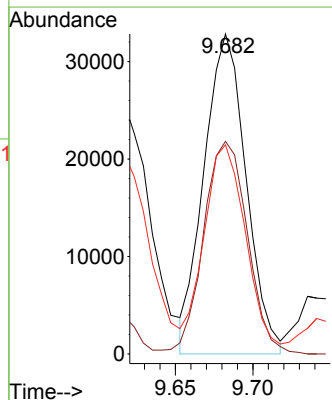
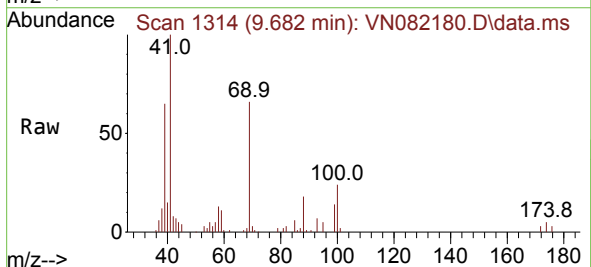
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

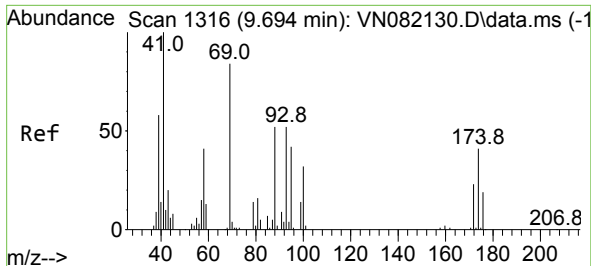
Tgt Ion: 83 Resp: 71624
Ion Ratio Lower Upper
83 100
85 61.7 51.9 77.9
127 8.8 7.5 11.3



#48
Methyl methacrylate
Concen: 19.372 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 41 Resp: 62066
Ion Ratio Lower Upper
41 100
69 69.2 77.9 116.9#
39 65.2 50.9 76.3





#49

1,4-Dioxane

Concen: 418.714 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN082180.D

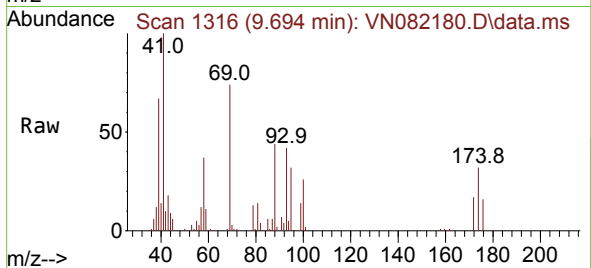
Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01



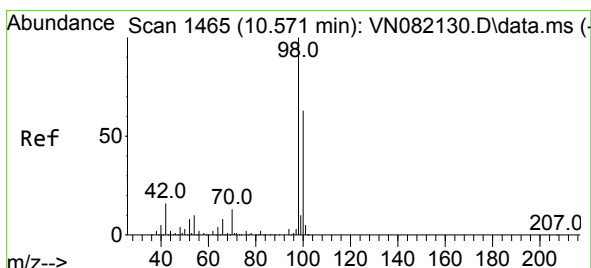
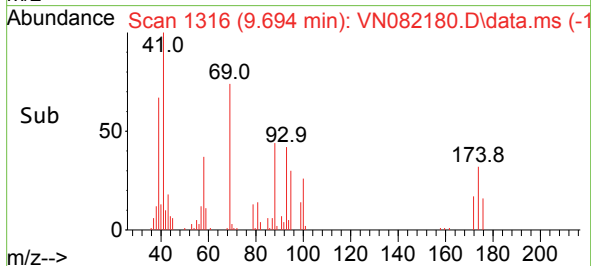
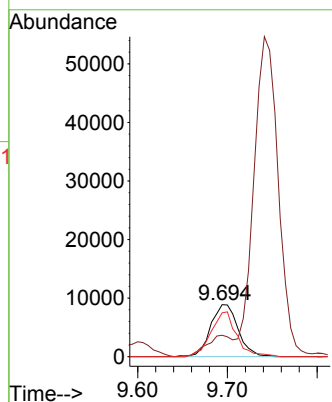
Tgt Ion: 88 Resp: 18798

Ion Ratio Lower Upper

88 100

43 38.9 19.0 28.6#

58 80.9 50.6 76.0#



#50

Toluene-d8

Concen: 52.667 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082180.D

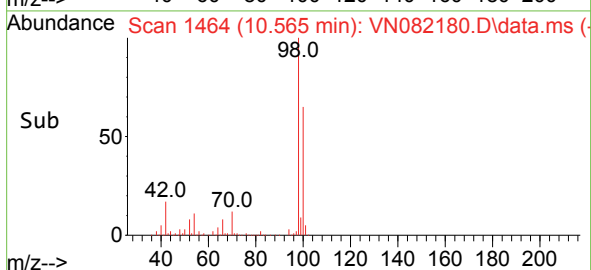
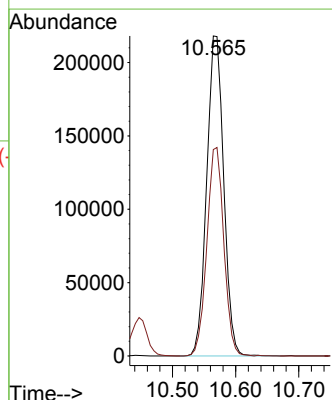
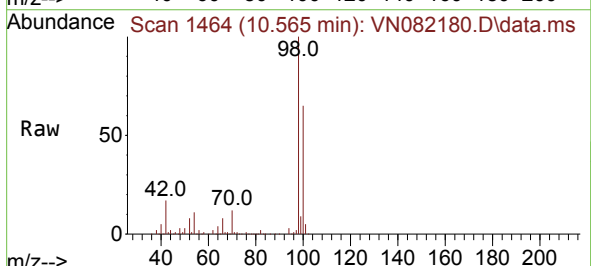
Acq: 17 May 2024 15:49

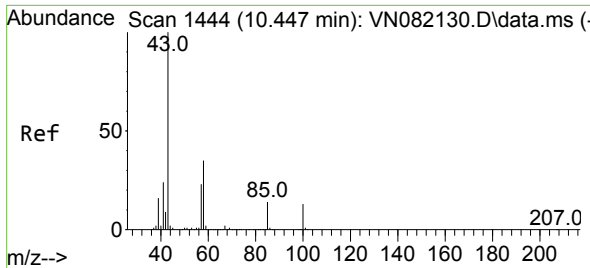
Tgt Ion: 98 Resp: 408221

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

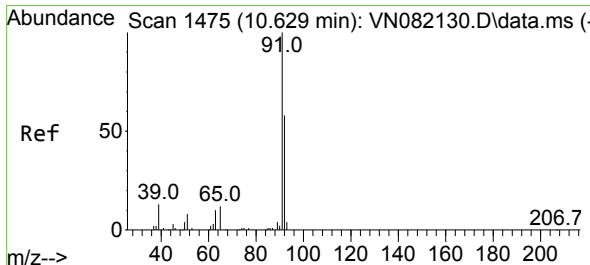
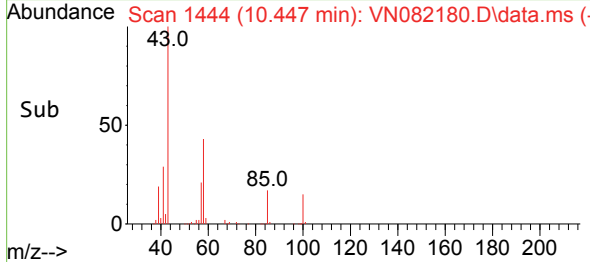
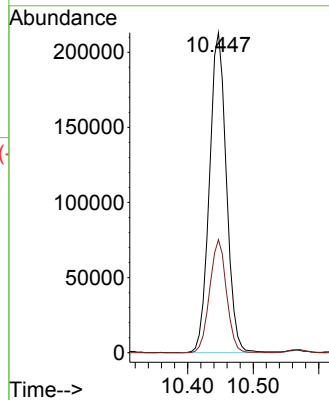
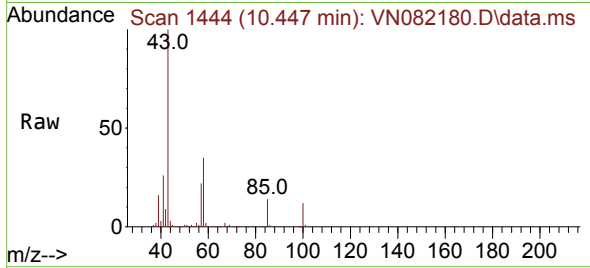




#51
4-Methyl-2-Pentanone
Concen: 100.309 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

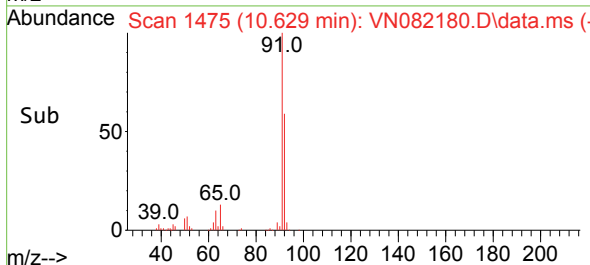
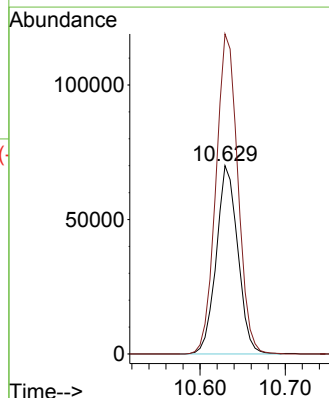
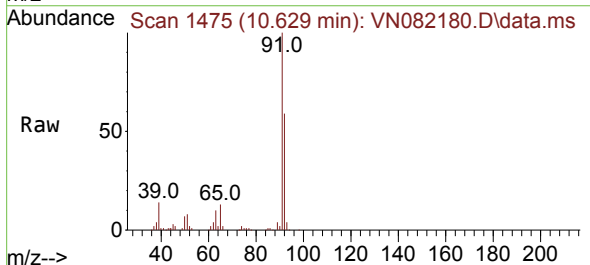
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

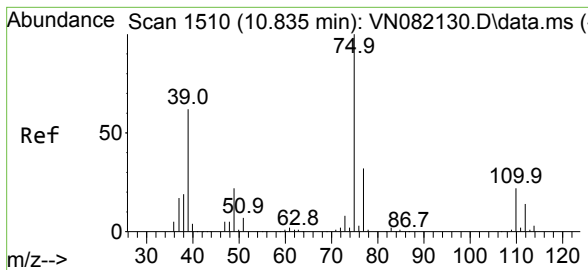
Tgt Ion: 43 Resp: 383198
Ion Ratio Lower Upper
43 100
58 34.9 33.2 49.8



#52
Toluene
Concen: 20.214 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 92 Resp: 122649
Ion Ratio Lower Upper
92 100
91 173.3 136.7 205.1

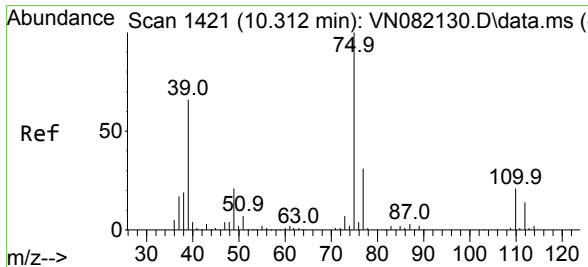
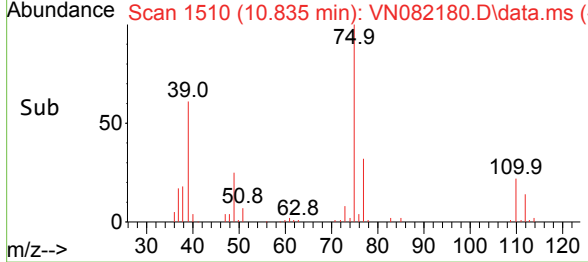
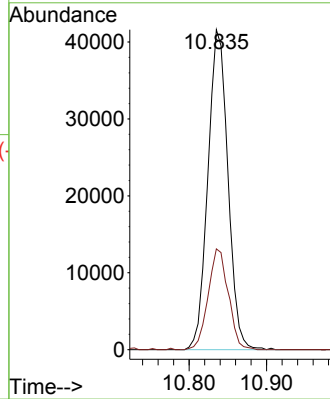
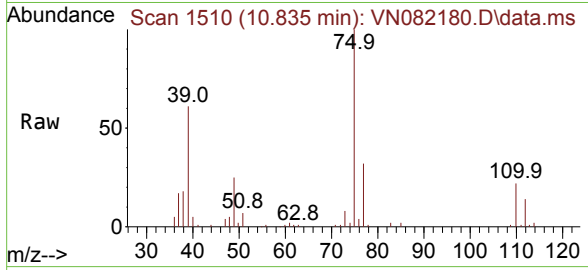




#53
 t-1,3-Dichloropropene
 Concen: 19.958 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082180.D
 Acq: 17 May 2024 15:49

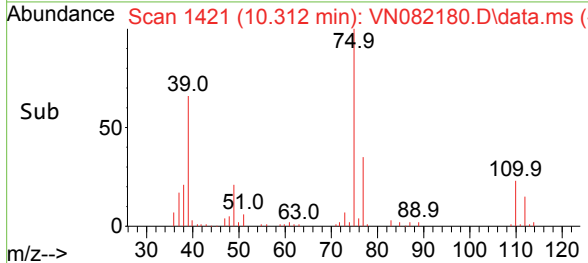
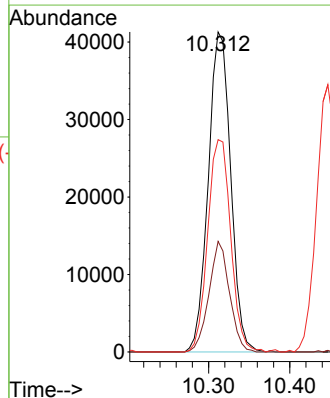
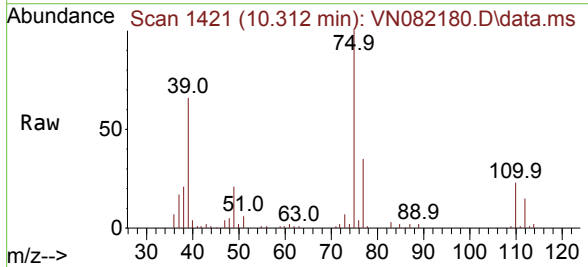
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01

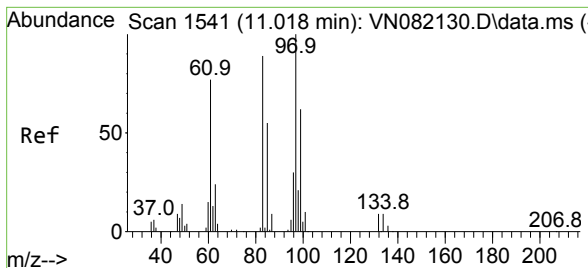
Tgt Ion: 75 Resp: 74631
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.017 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082180.D
 Acq: 17 May 2024 15:49

Tgt Ion: 75 Resp: 79232
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.0 37.4
 39 66.4 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 20.085 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion: 97 Resp: 44288

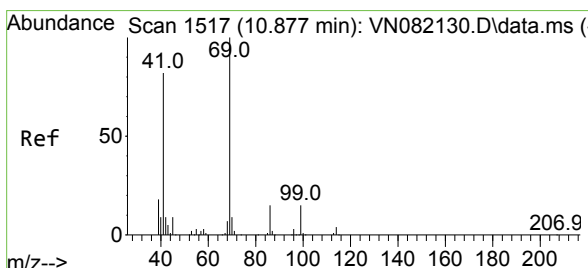
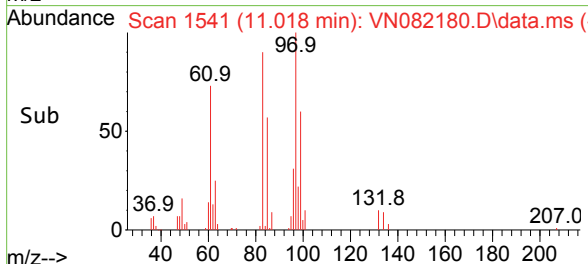
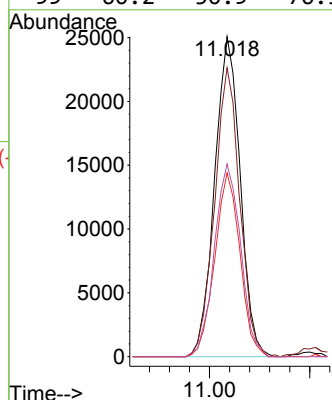
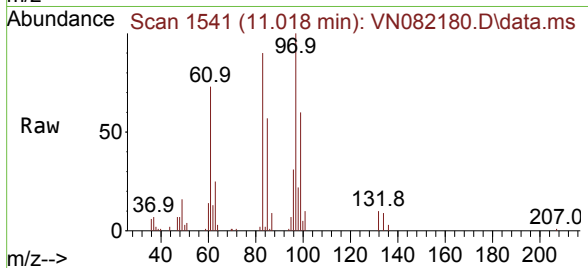
Ion Ratio Lower Upper

97 100

83 90.3 70.4 105.6

85 57.4 45.6 68.4

99 60.2 50.9 76.3



#56

Ethyl methacrylate

Concen: 19.766 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

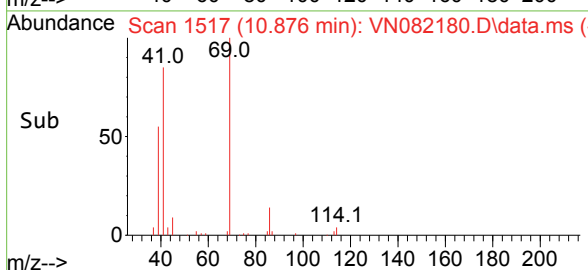
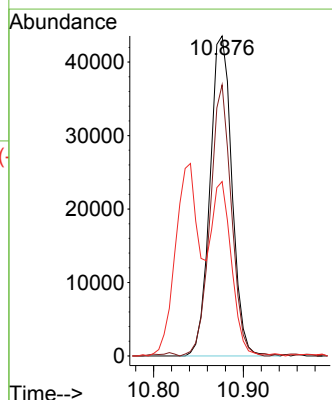
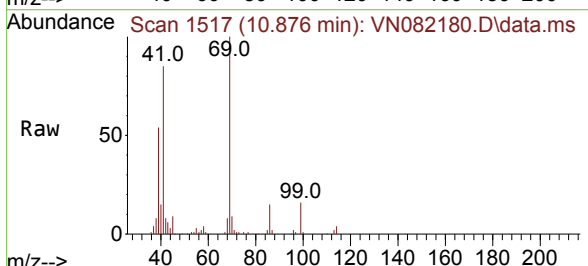
Tgt Ion: 69 Resp: 73998

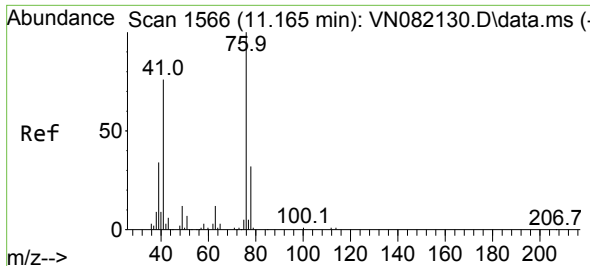
Ion Ratio Lower Upper

69 100

41 81.9 46.6 70.0#

39 49.2 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 19.706 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082180.D

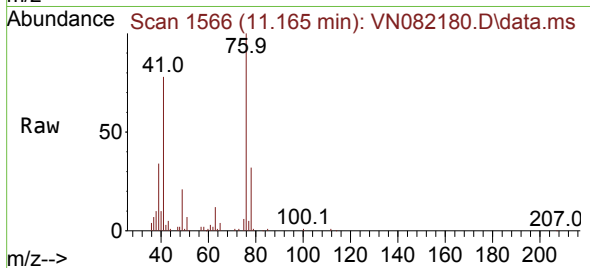
Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

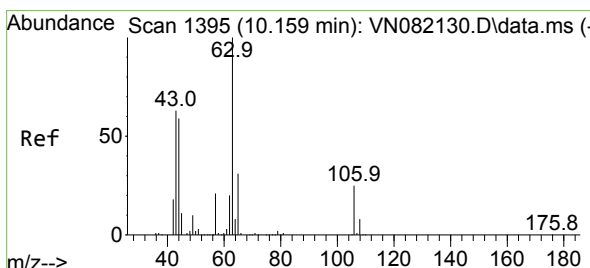
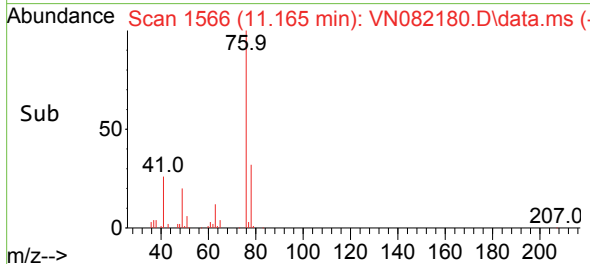
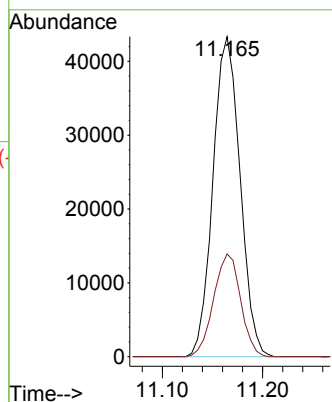


Tgt Ion: 76 Resp: 81244

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.878 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN082180.D

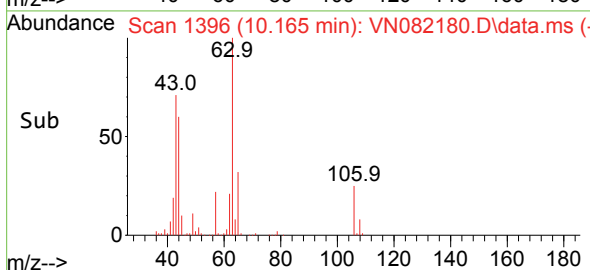
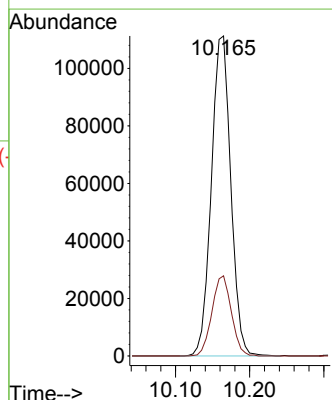
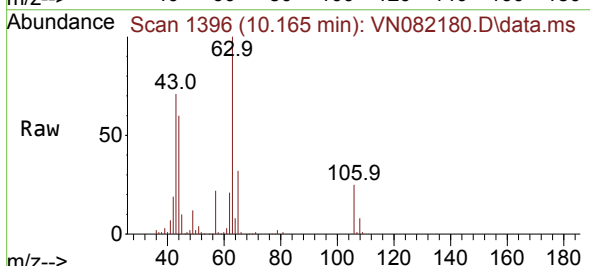
Acq: 17 May 2024 15:49

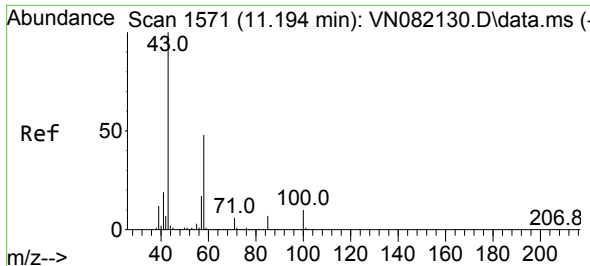
Tgt Ion: 63 Resp: 202518

Ion Ratio Lower Upper

63 100

106 25.0 24.6 36.8

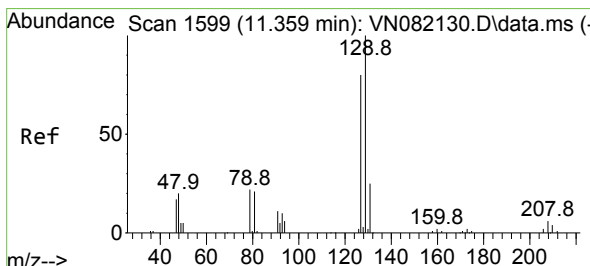
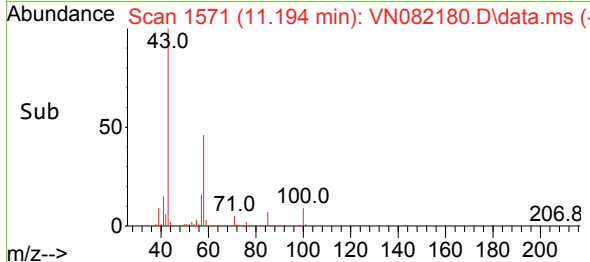
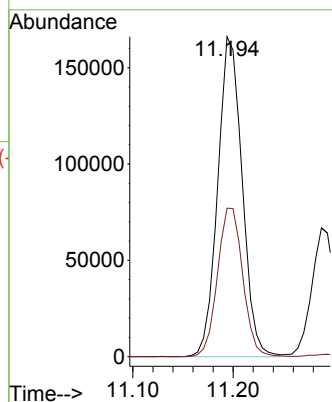
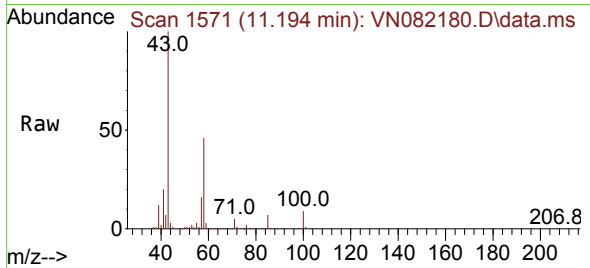




#59
2-Hexanone
Concen: 100.449 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

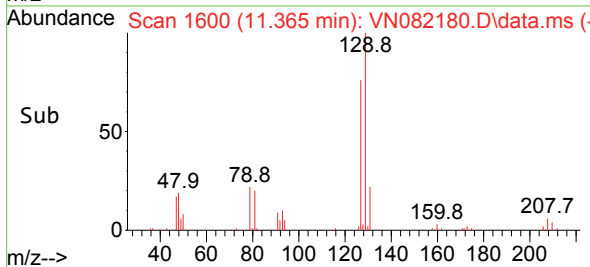
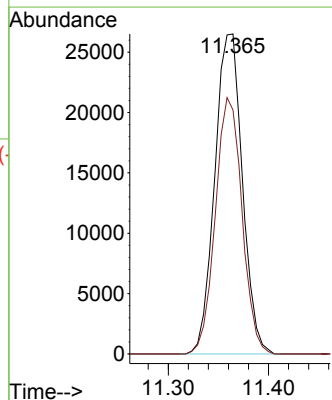
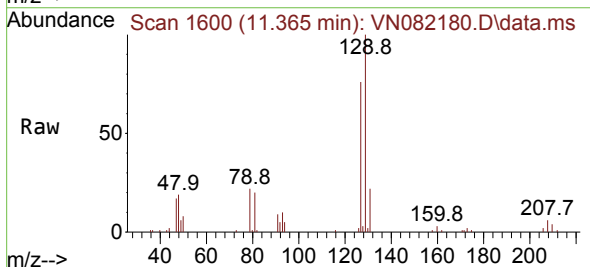
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

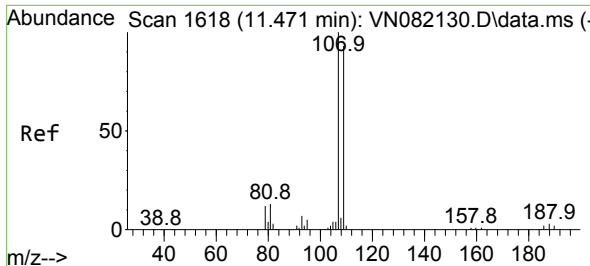
Tgt Ion: 43 Resp: 280973
Ion Ratio Lower Upper
43 100
58 48.0 28.3 84.9



#60
Dibromochloromethane
Concen: 20.854 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 129 Resp: 50746
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8

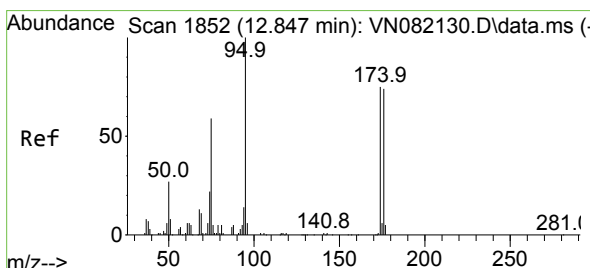
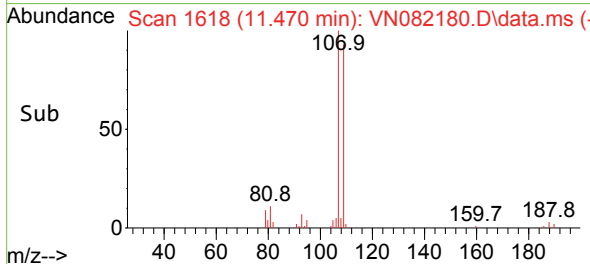
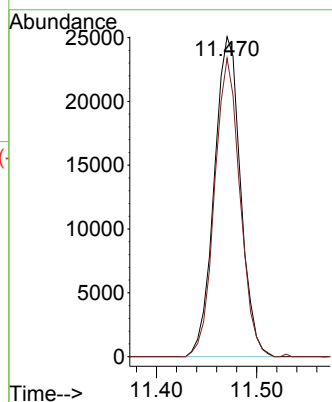
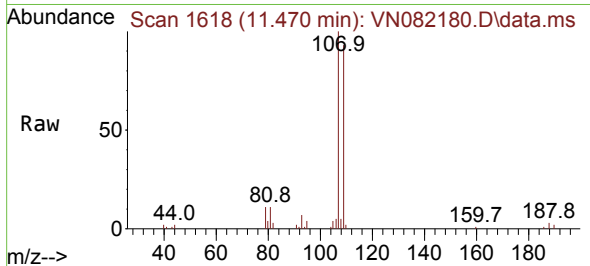




#61
1,2-Dibromoethane
Concen: 20.139 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

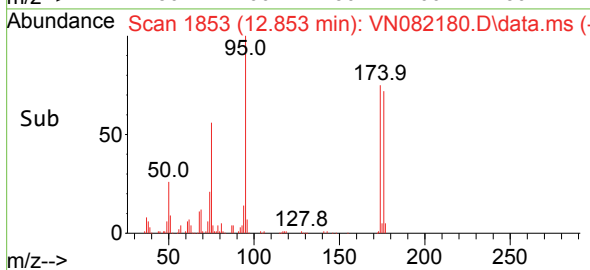
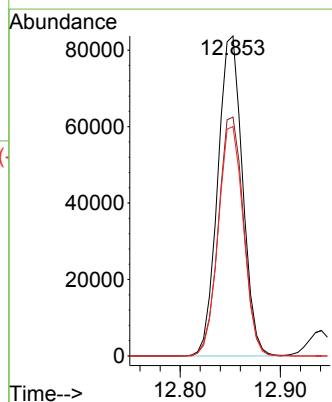
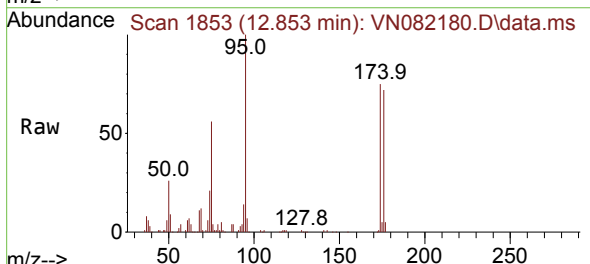
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

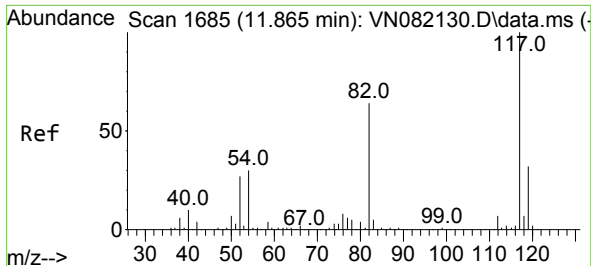
Tgt Ion:107 Resp: 45612
Ion Ratio Lower Upper
107 100
109 90.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 52.098 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 95 Resp: 144128
Ion Ratio Lower Upper
95 100
174 75.7 0.0 160.6
176 72.7 0.0 152.8

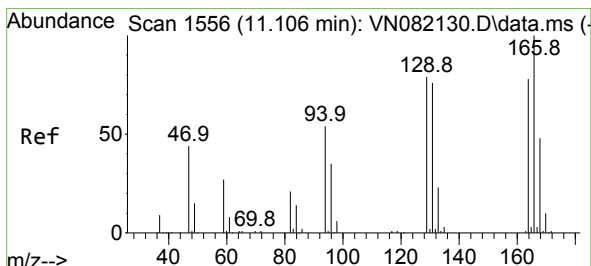
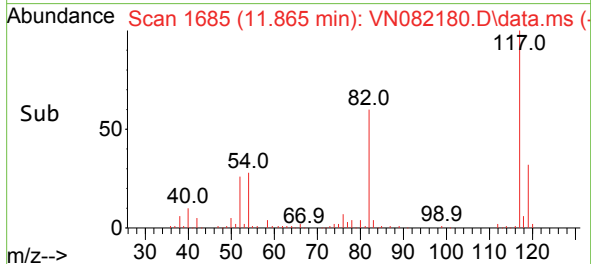
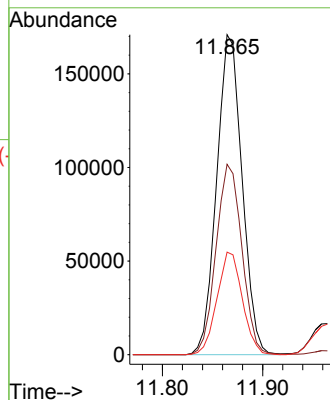
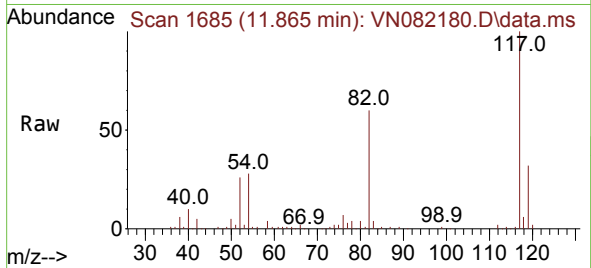




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

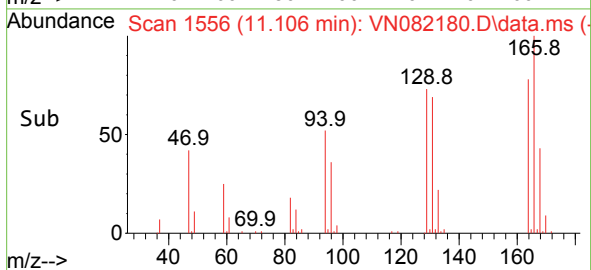
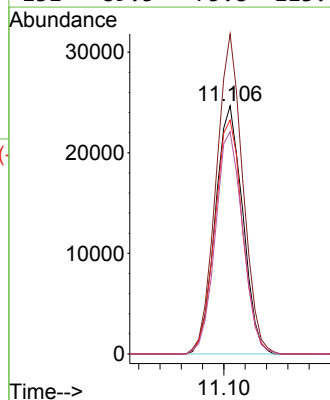
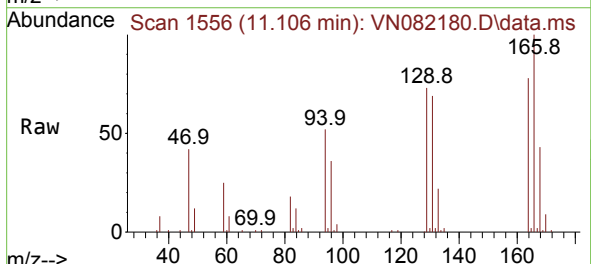
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

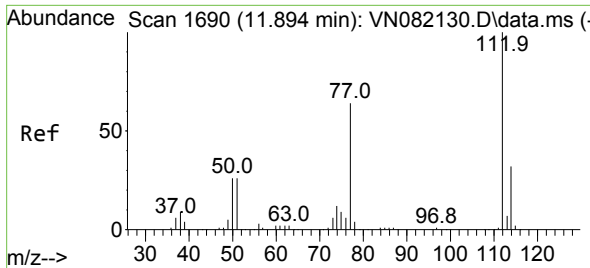
Tgt Ion:117 Resp: 301077
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 19.732 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion:164 Resp: 44034
Ion Ratio Lower Upper
164 100
166 128.9 97.6 146.4
129 94.2 73.7 110.5
131 89.5 75.8 113.6

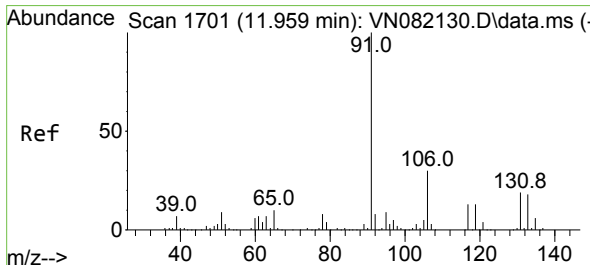
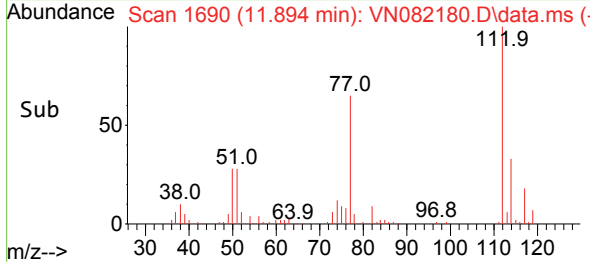
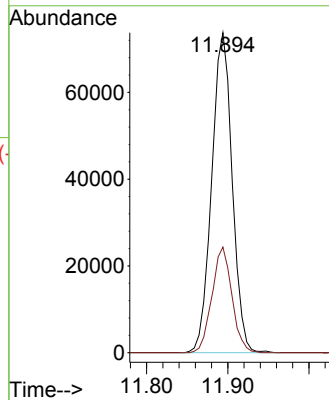
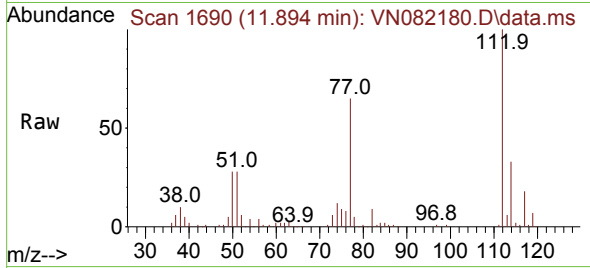




#65
Chlorobenzene
Concen: 19.421 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

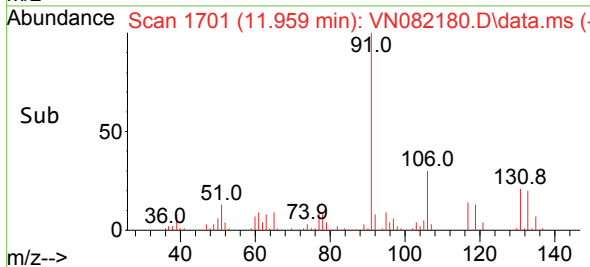
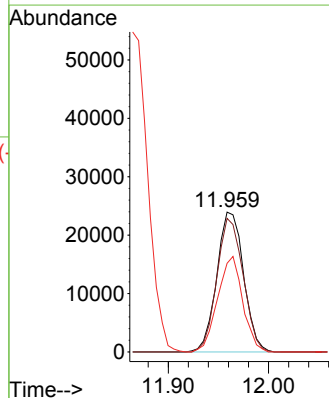
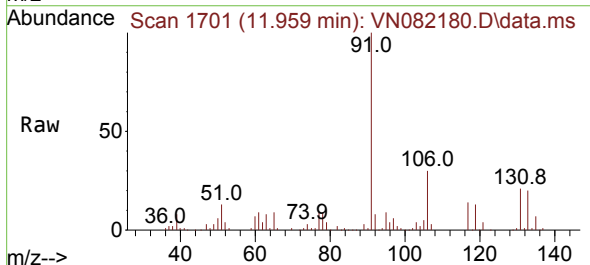
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

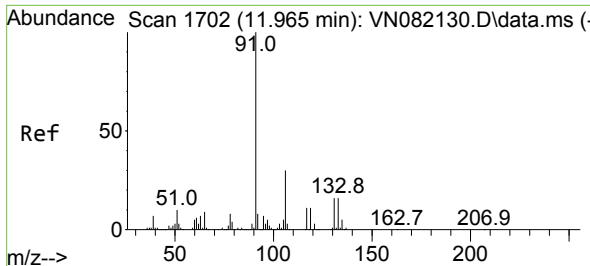
Tgt Ion:112 Resp: 129173
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.285 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion:131 Resp: 44442
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.6
119 63.8 32.9 98.7

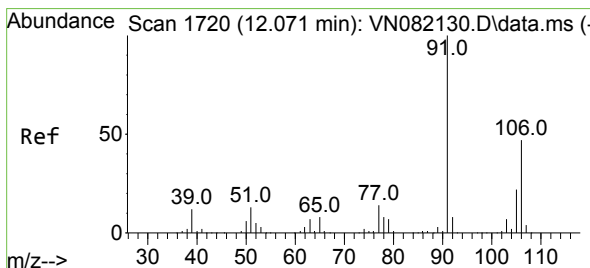
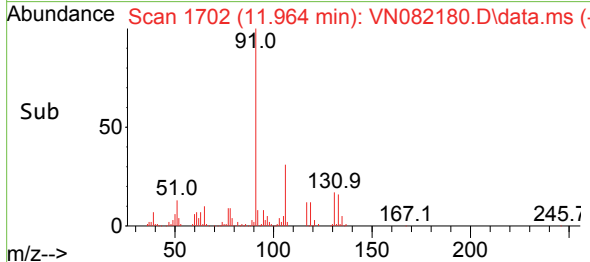
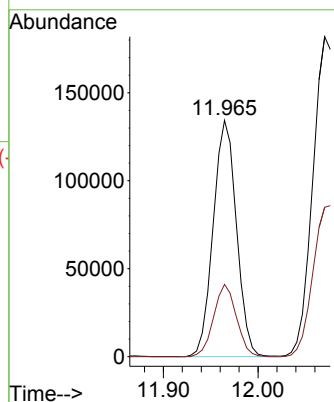
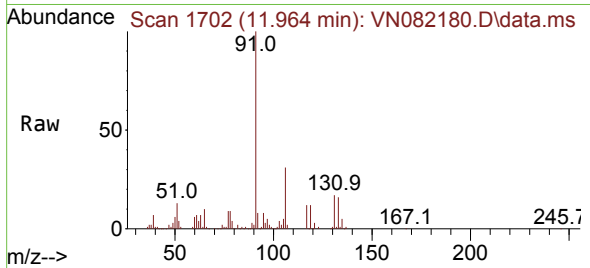




#67
Ethyl Benzene
Concen: 19.268 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

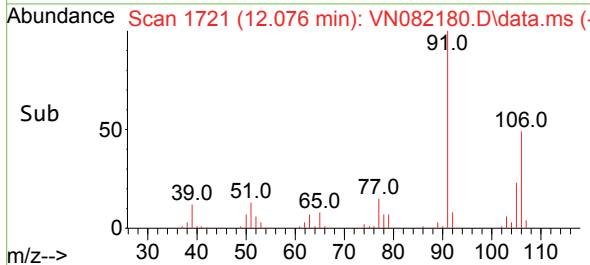
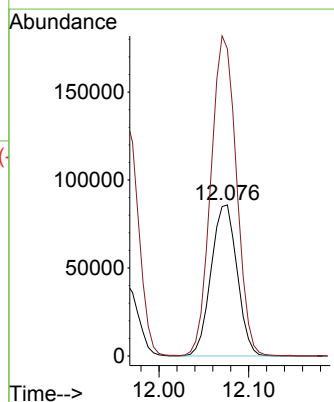
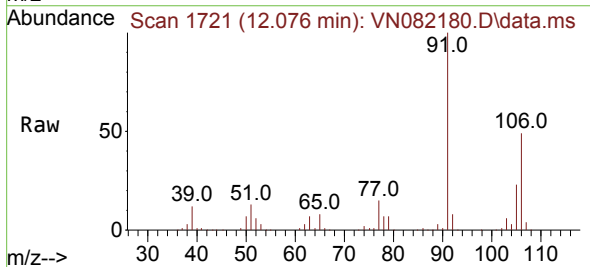
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

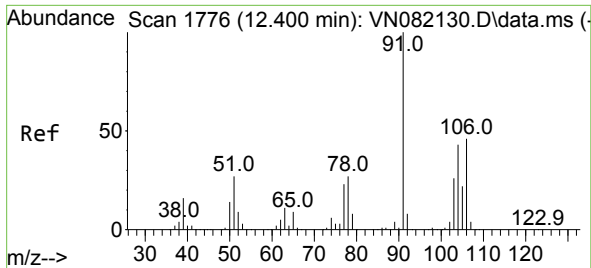
Tgt Ion: 91 Resp: 229256
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9



#68
m/p-Xylenes
Concen: 39.661 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion:106 Resp: 172949
Ion Ratio Lower Upper
106 100
91 208.1 159.4 239.0

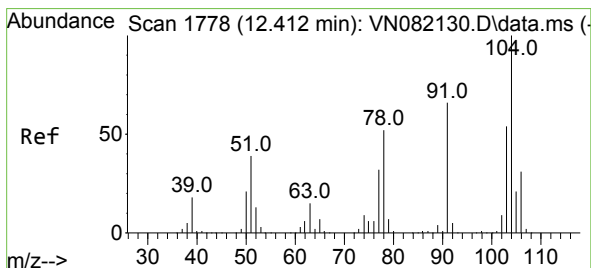
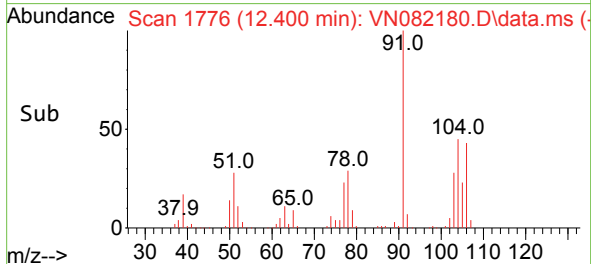
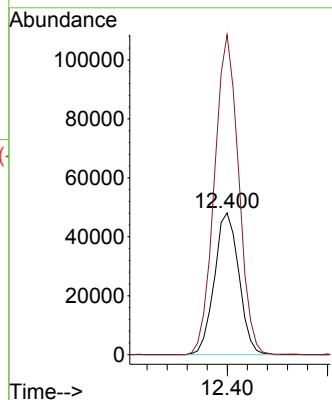
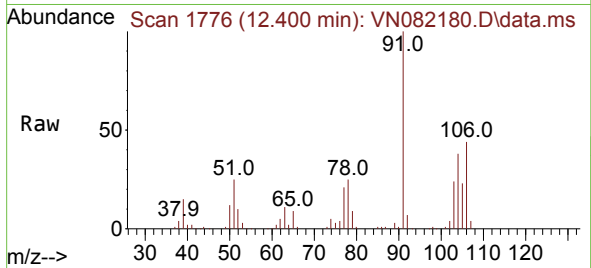




#69
o-Xylene
Concen: 19.297 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

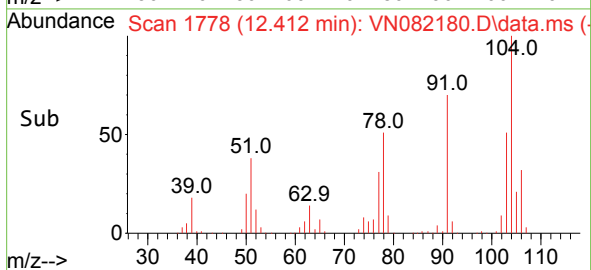
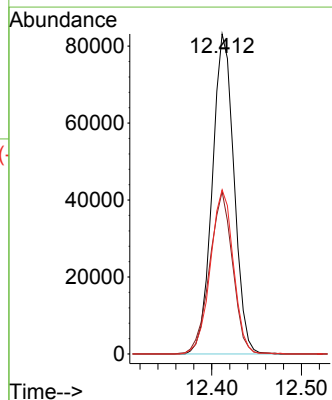
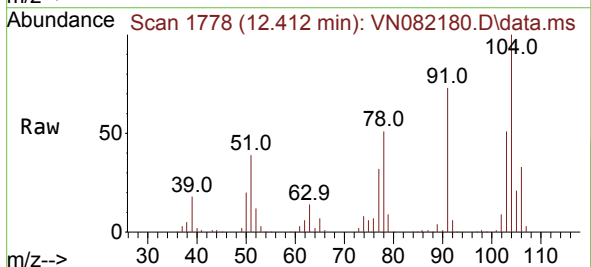
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

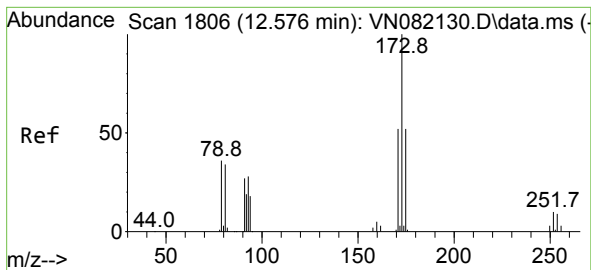
Tgt Ion:106 Resp: 81513
Ion Ratio Lower Upper
106 100
91 223.3 104.7 314.1



#70
Styrene
Concen: 19.961 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion:104 Resp: 140050
Ion Ratio Lower Upper
104 100
78 53.6 38.6 58.0
103 54.3 43.8 65.6





#71

Bromoform

Concen: 18.964 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

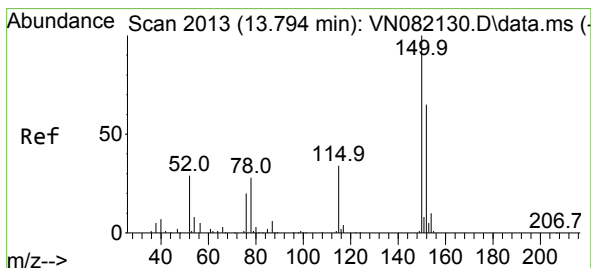
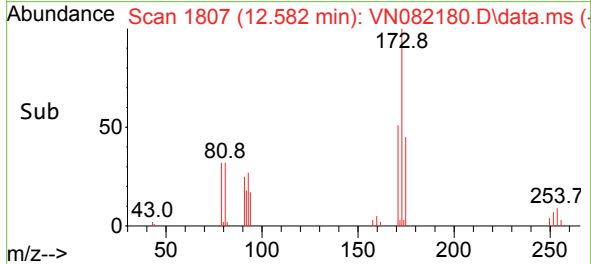
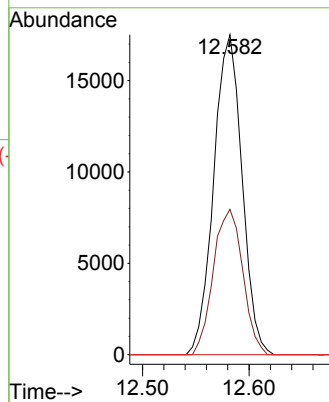
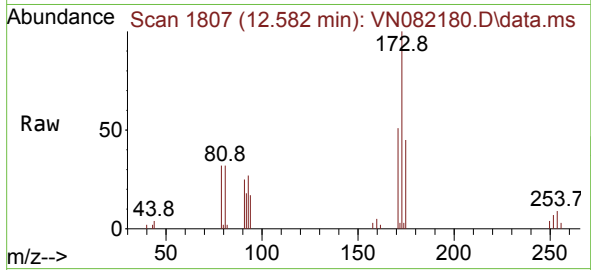
Tgt Ion:173 Resp: 32275

Ion Ratio Lower Upper

173 100

175 47.3 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

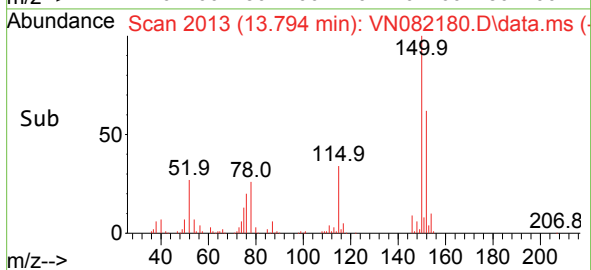
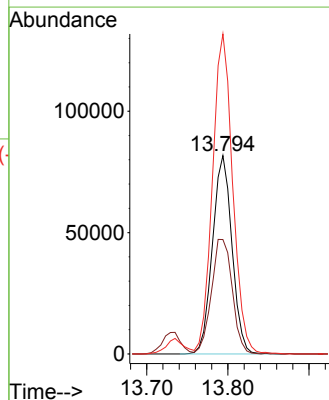
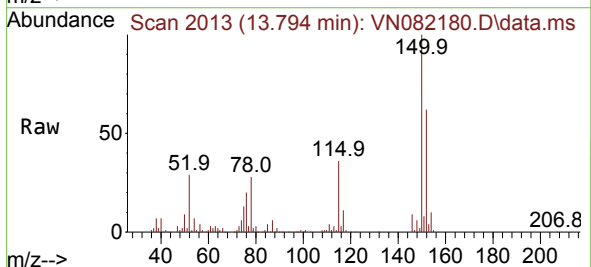
Tgt Ion:152 Resp: 136529

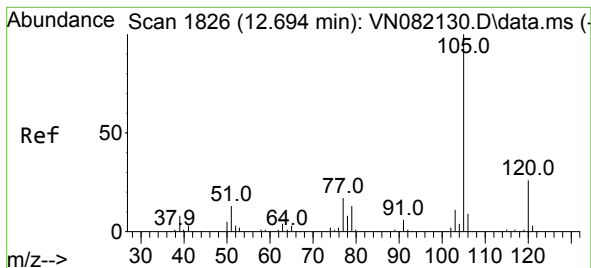
Ion Ratio Lower Upper

152 100

115 61.5 30.4 91.3

150 166.8 0.0 353.2





#73

Isopropylbenzene

Concen: 19.461 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

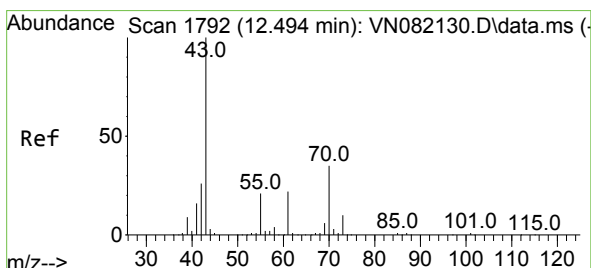
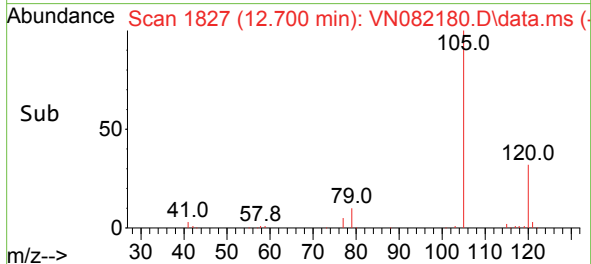
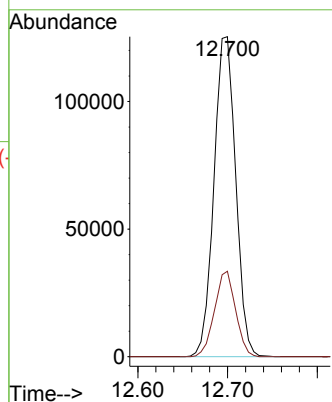
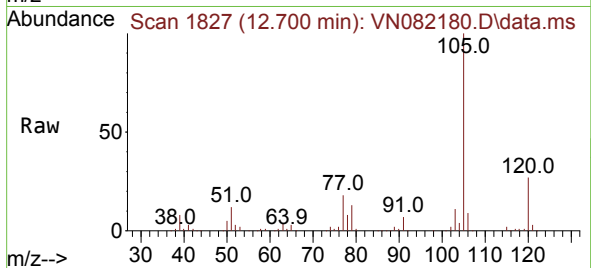
VN0517WBS01

Tgt Ion:105 Resp: 211083

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 18.795 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Tgt Ion: 43 Resp: 112136

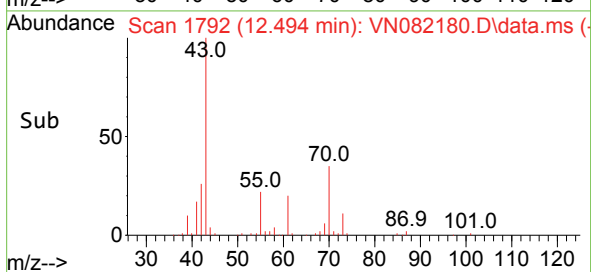
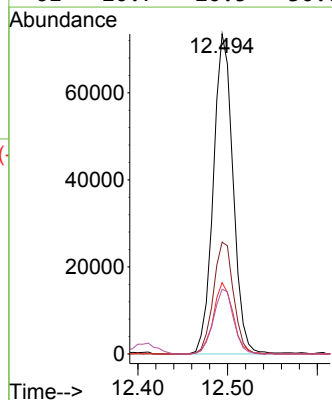
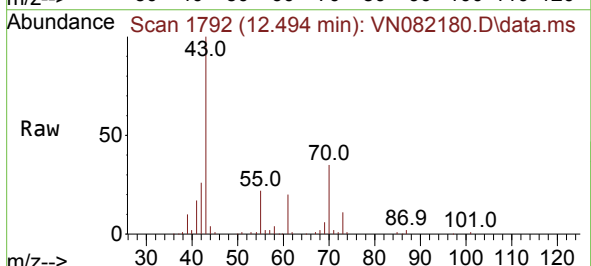
Ion Ratio Lower Upper

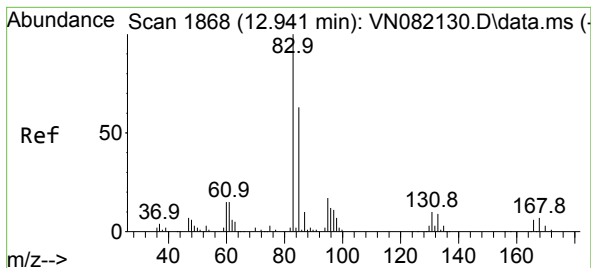
43 100

70 35.9 39.0 58.4#

55 22.4 21.3 31.9

61 20.7 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.618 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

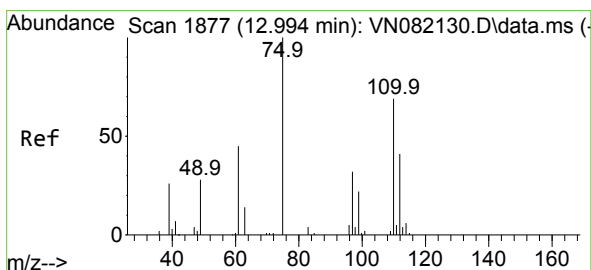
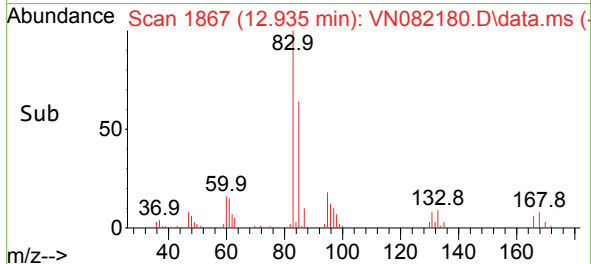
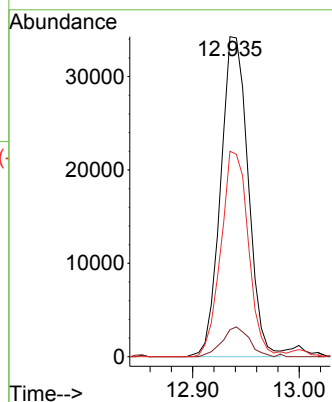
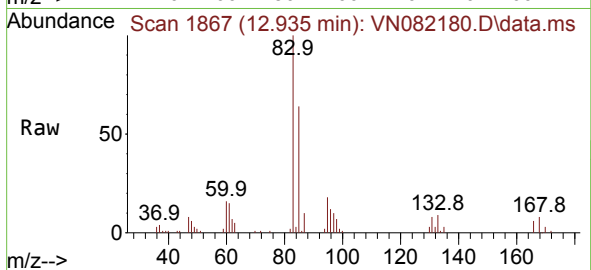
Tgt Ion: 83 Resp: 61338

Ion Ratio Lower Upper

83 100

131 9.2 5.5 16.4

85 64.4 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 29.852 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082180.D

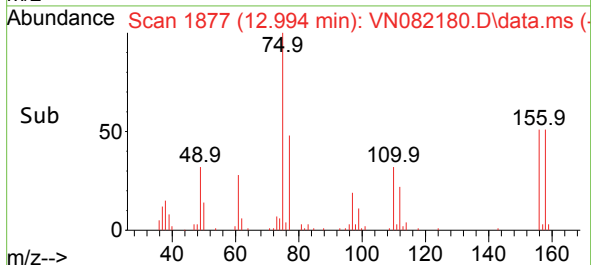
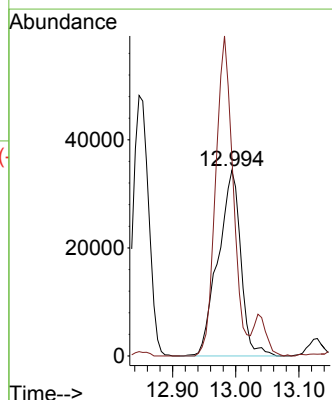
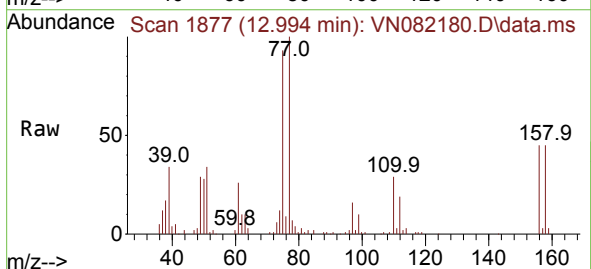
Acq: 17 May 2024 15:49

Tgt Ion: 75 Resp: 85783

Ion Ratio Lower Upper

75 100

77 133.5 90.5 271.3

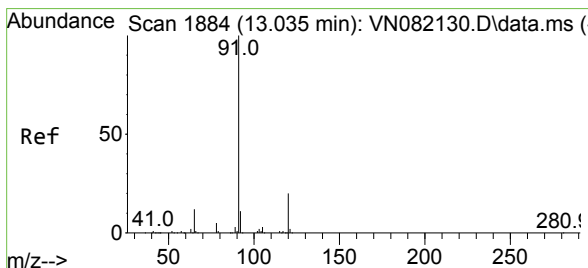
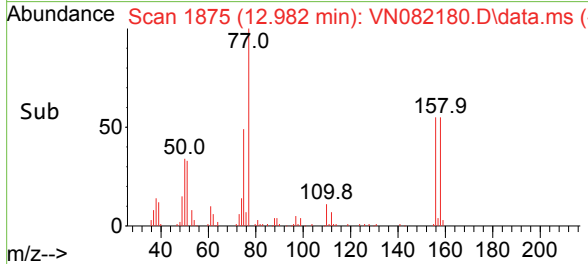
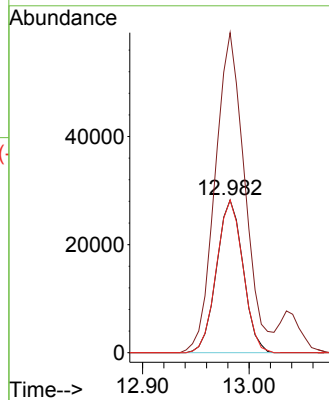
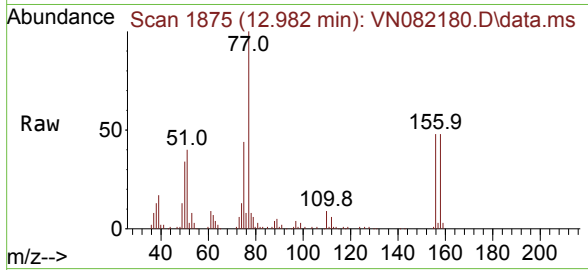




#77
Bromobenzene
Concen: 18.887 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

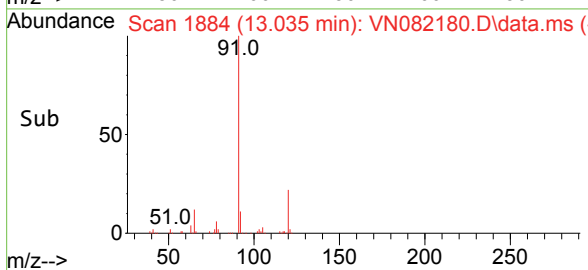
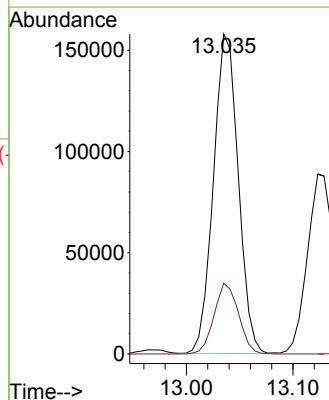
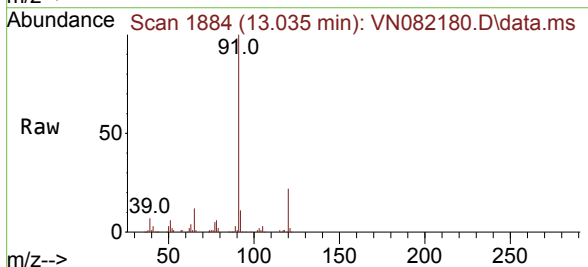
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

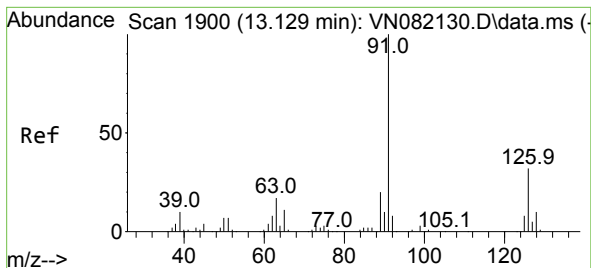
Tgt Ion:156 Resp: 48820
Ion Ratio Lower Upper
156 100
77 234.5 100.2 300.6
158 99.7 49.1 147.3



#78
n-propylbenzene
Concen: 19.852 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 91 Resp: 254979
Ion Ratio Lower Upper
91 100
120 21.7 11.7 35.0





#79

2-Chlorotoluene

Concen: 19.330 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

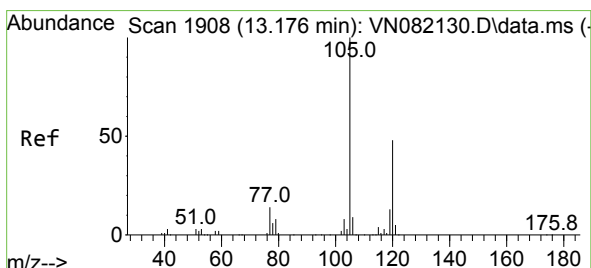
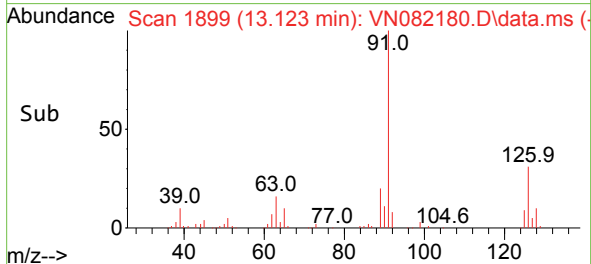
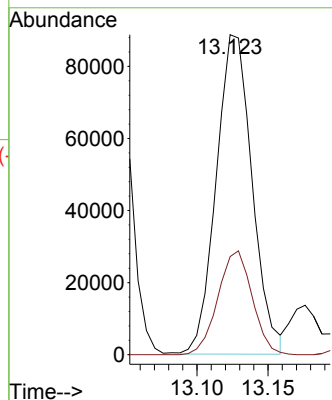
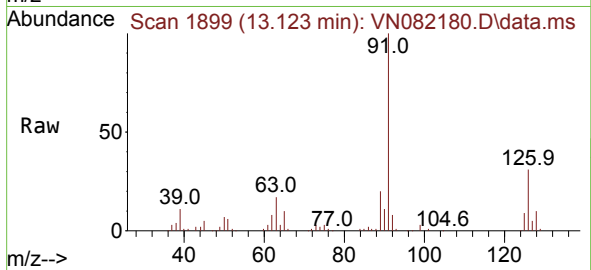
VN0517WBS01

Tgt Ion: 91 Resp: 155900

Ion Ratio Lower Upper

91 100

126 31.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.151 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082180.D

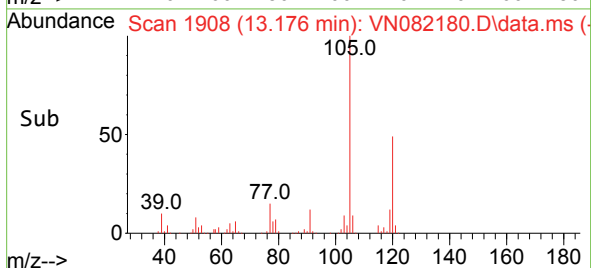
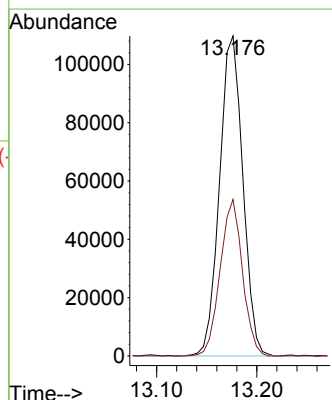
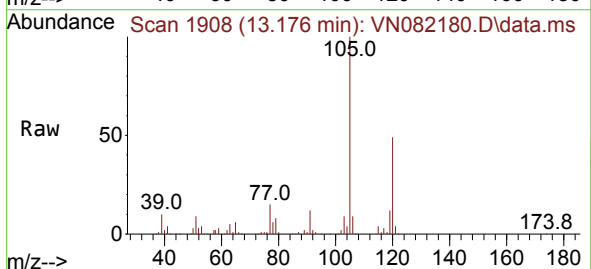
Acq: 17 May 2024 15:49

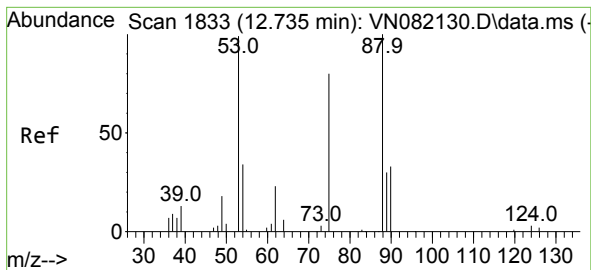
Tgt Ion:105 Resp: 176733

Ion Ratio Lower Upper

105 100

120 46.9 24.8 74.3

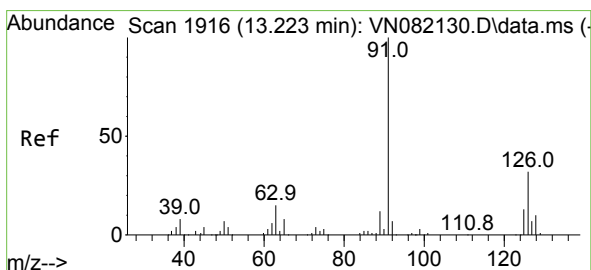
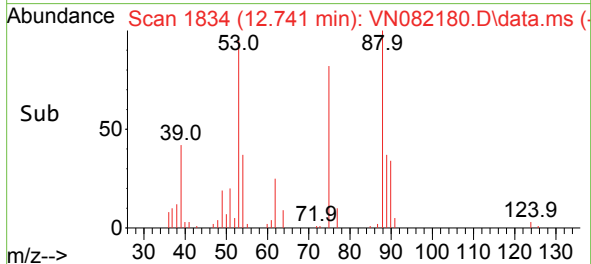
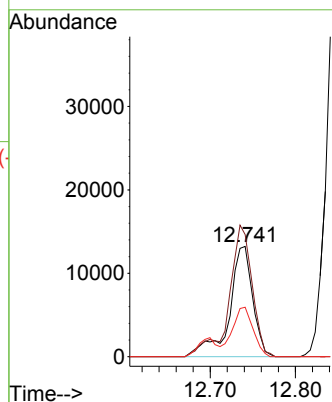
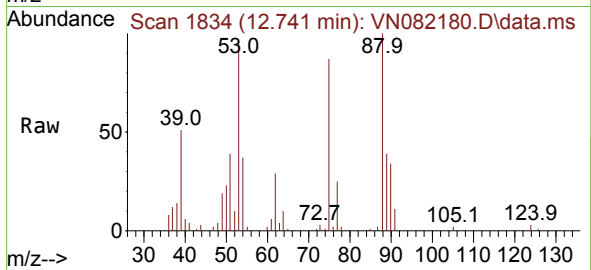




#81
trans-1,4-Dichloro-2-butene
Concen: 20.529 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

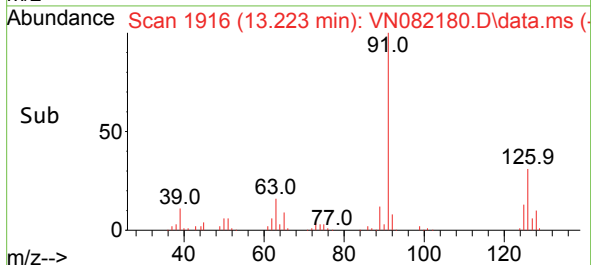
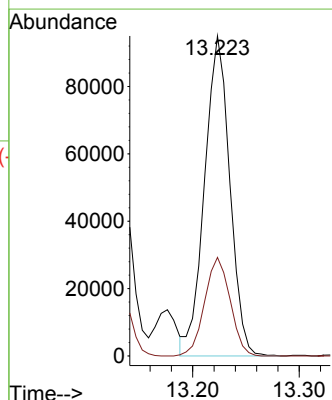
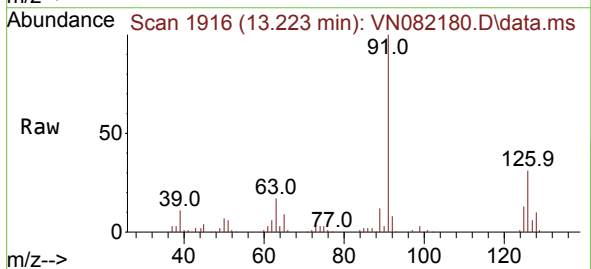
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

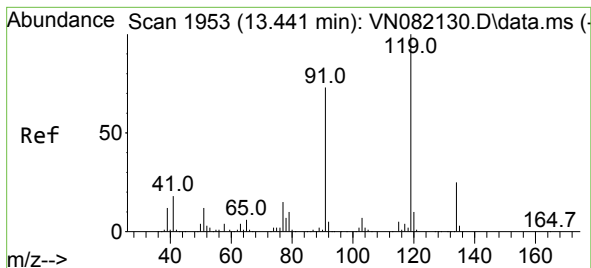
Tgt Ion: 75 Resp: 25222
Ion Ratio Lower Upper
75 100
53 117.4 72.9 109.3#
89 39.8 39.1 58.7



#82
4-Chlorotoluene
Concen: 19.852 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion: 91 Resp: 156549
Ion Ratio Lower Upper
91 100
126 31.0 17.4 52.3





#83

tert-Butylbenzene

Concen: 19.482 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

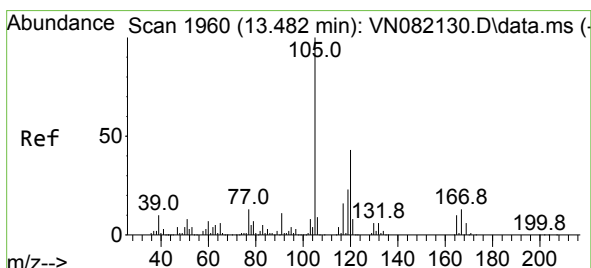
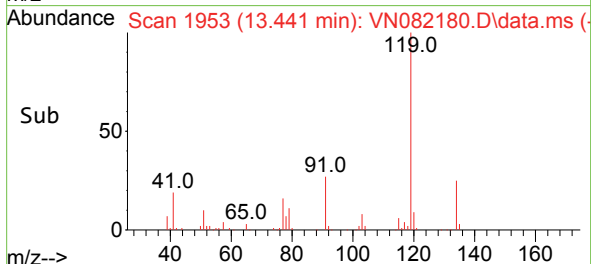
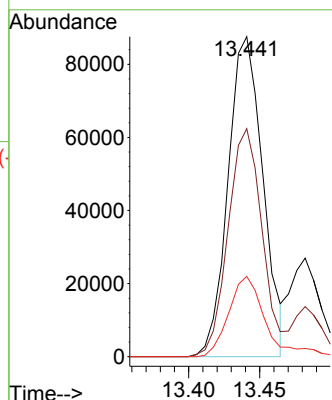
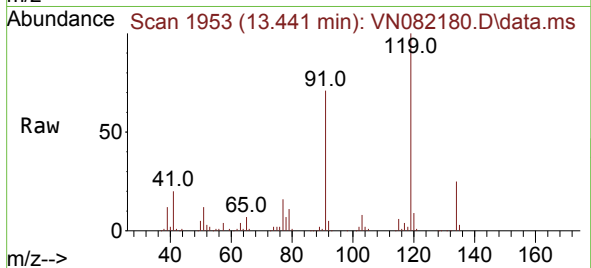
Tgt Ion:119 Resp: 149478

Ion Ratio Lower Upper

119 100

91 69.1 32.6 97.8

134 26.5 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 19.889 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082180.D

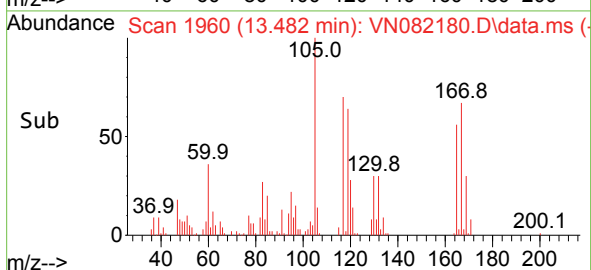
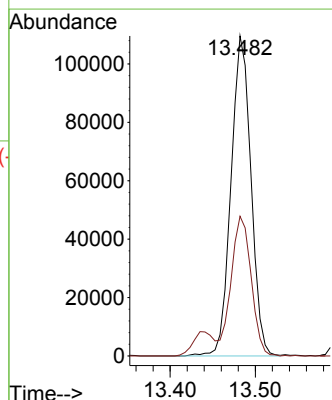
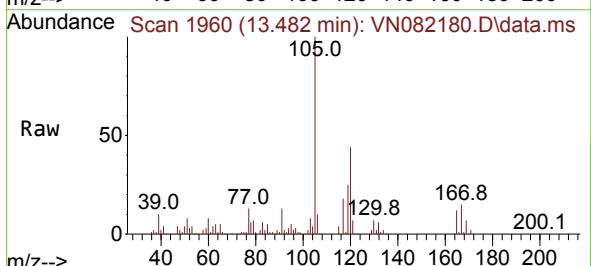
Acq: 17 May 2024 15:49

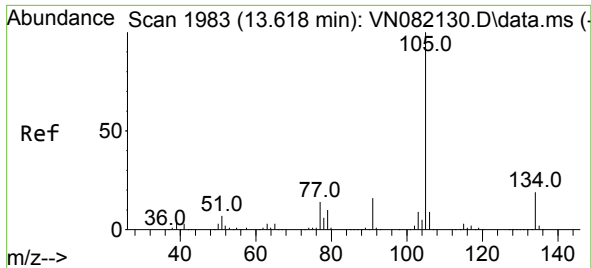
Tgt Ion:105 Resp: 178462

Ion Ratio Lower Upper

105 100

120 44.4 22.9 68.7

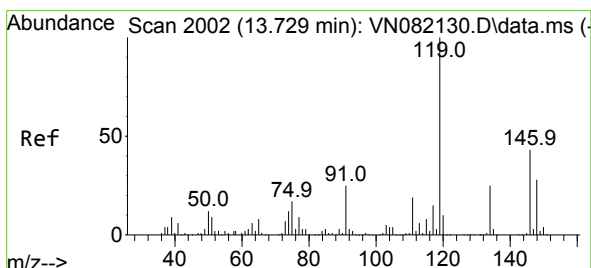
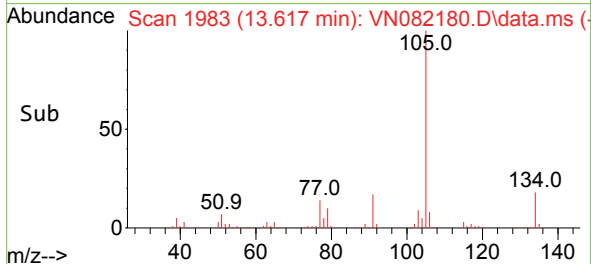
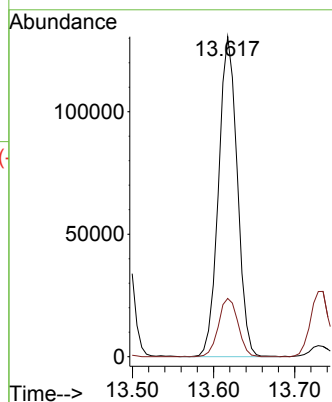
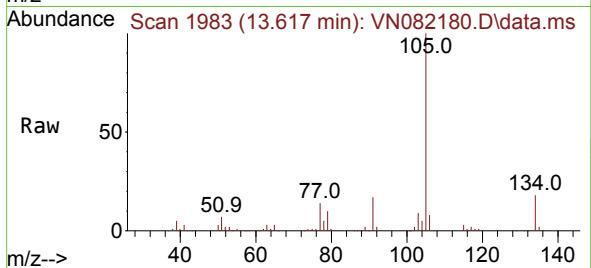




#85
 sec-Butylbenzene
 Concen: 19.733 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082180.D
 Acq: 17 May 2024 15:49

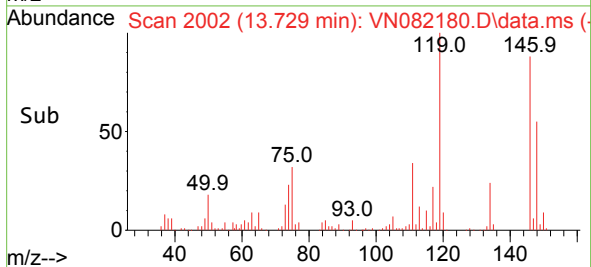
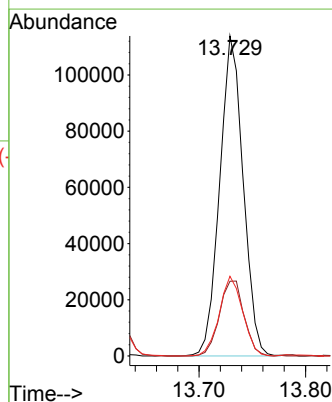
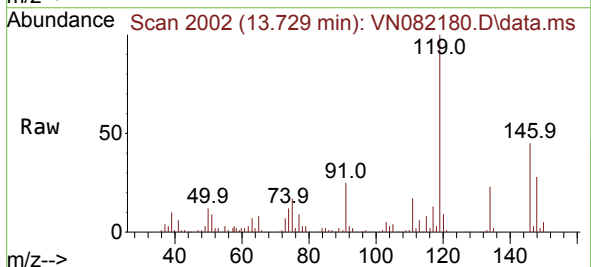
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01

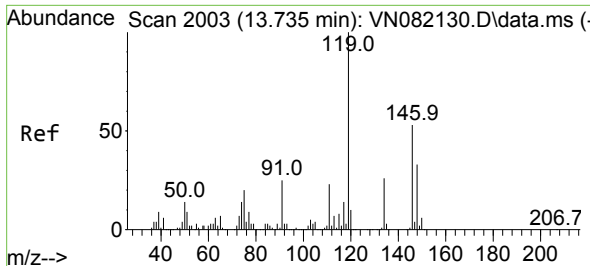
Tgt Ion:105 Resp: 209867
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.131 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082180.D
 Acq: 17 May 2024 15:49

Tgt Ion:119 Resp: 173994
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.2 39.5
 91 24.8 11.8 35.3

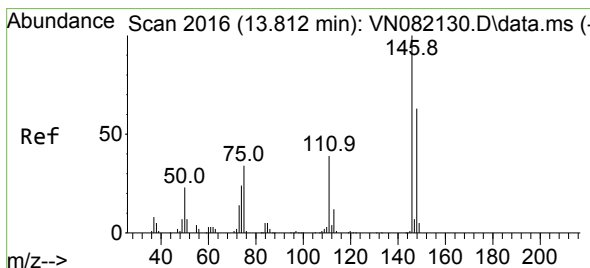
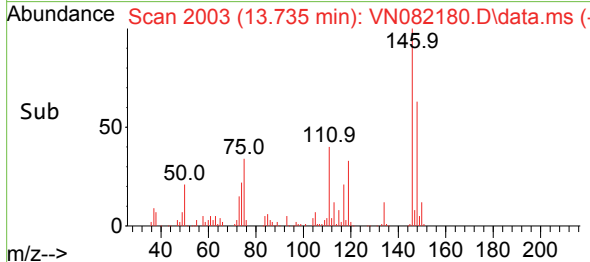
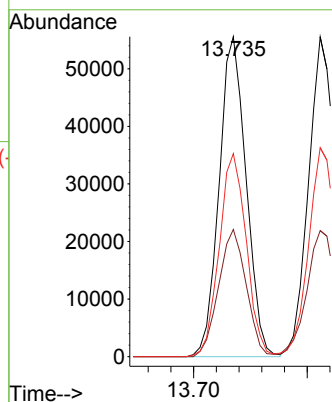
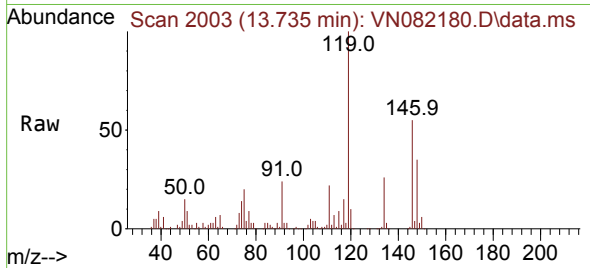




#87
 1,3-Dichlorobenzene
 Concen: 19.580 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082180.D
 Acq: 17 May 2024 15:49

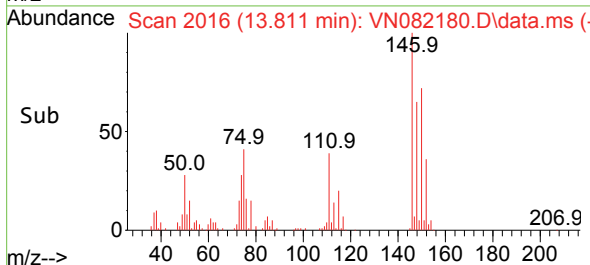
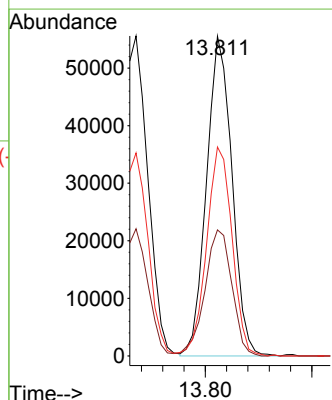
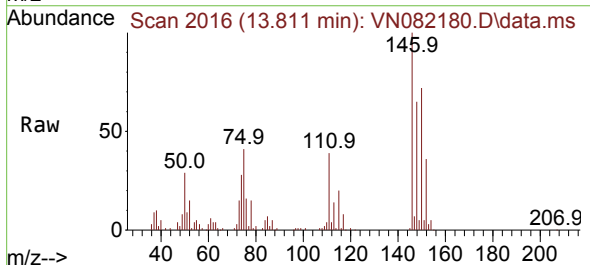
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01

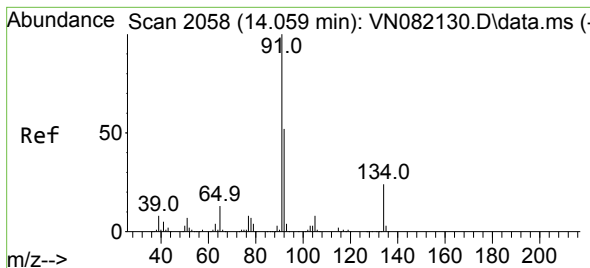
Tgt Ion:146 Resp: 91693
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.8 62.5
 148 63.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.302 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082180.D
 Acq: 17 May 2024 15:49

Tgt Ion:146 Resp: 92257
 Ion Ratio Lower Upper
 146 100
 111 41.8 19.3 57.9
 148 65.6 31.3 93.9





#89

n-Butylbenzene

Concen: 19.720 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

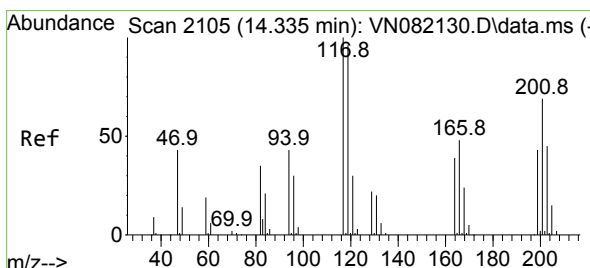
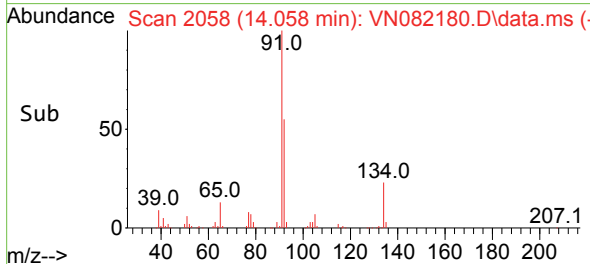
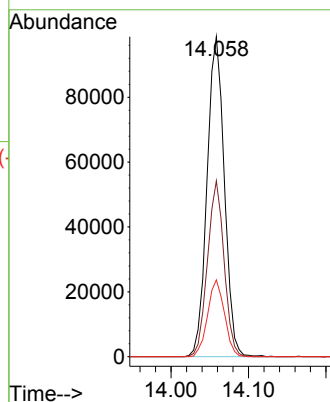
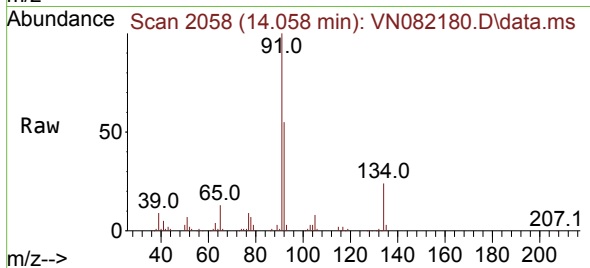
Tgt Ion: 91 Resp: 153197

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.5

134 23.4 13.2 39.5



#90

Hexachloroethane

Concen: 19.197 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082180.D

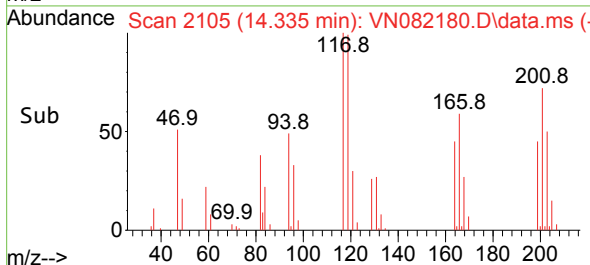
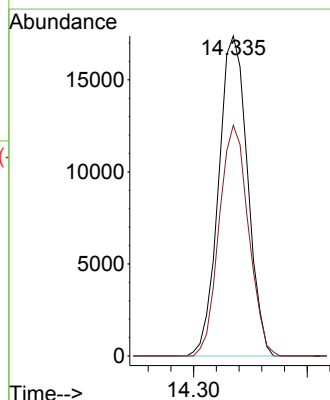
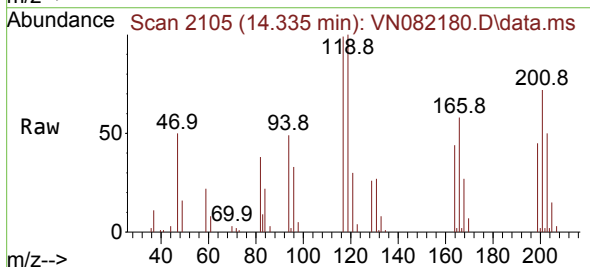
Acq: 17 May 2024 15:49

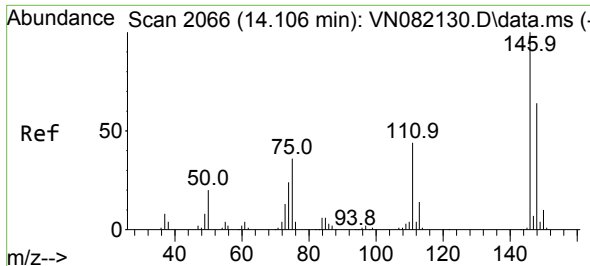
Tgt Ion: 117 Resp: 30741

Ion Ratio Lower Upper

117 100

201 73.1 33.3 99.8

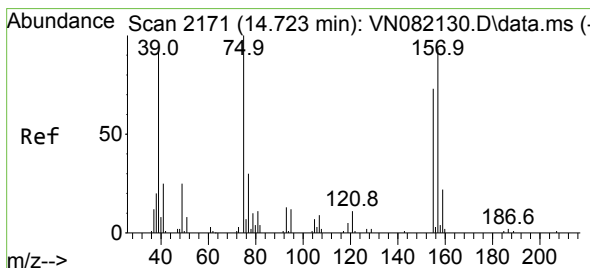
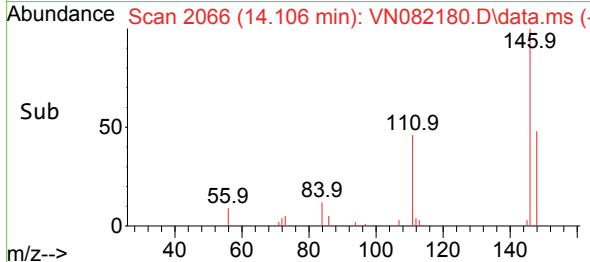
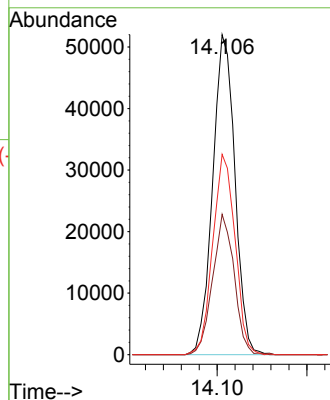
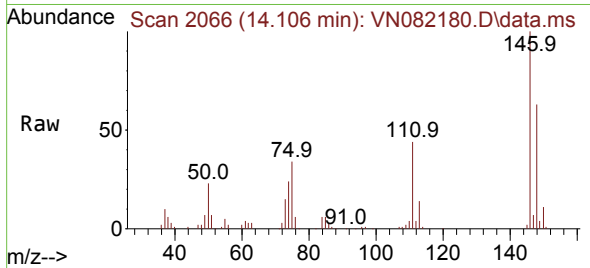




#91
1,2-Dichlorobenzene
Concen: 20.201 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

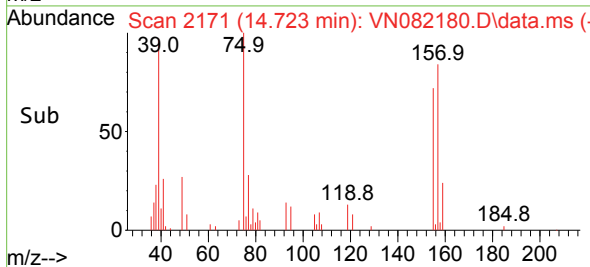
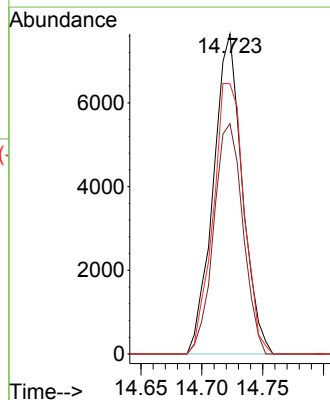
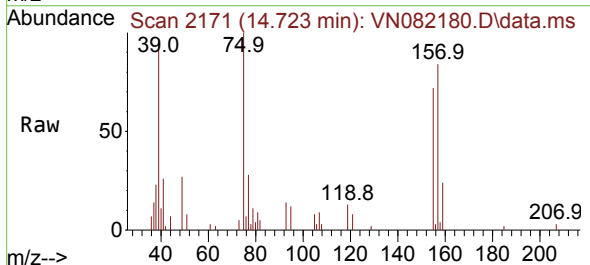
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

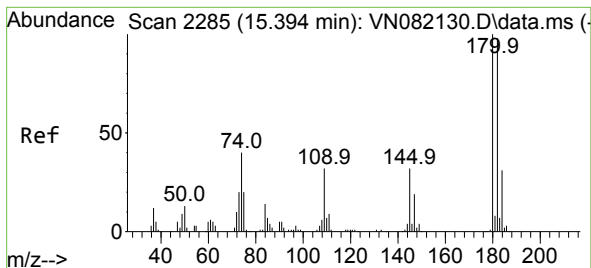
Tgt Ion:	146	Resp:	89545
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.3	64.0
148	62.7	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.770 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion:	75	Resp:	12700
Ion Ratio	Lower	Upper	
75	100		
155	72.4	42.6	128.0
157	89.9	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 19.777 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

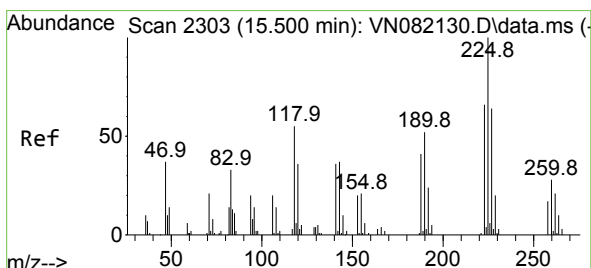
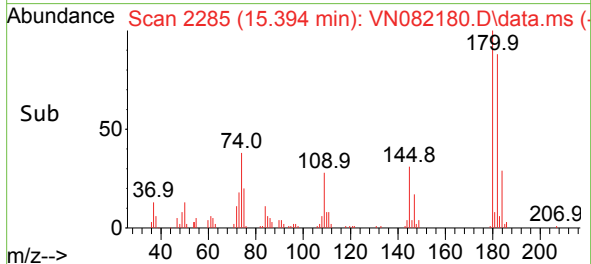
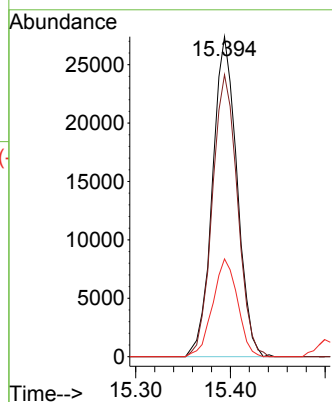
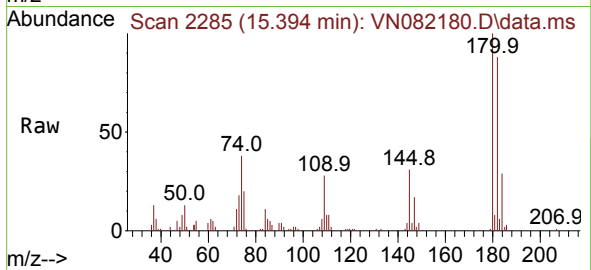
Tgt Ion:180 Resp: 49140

Ion Ratio Lower Upper

180 100

182 90.4 46.7 140.0

145 30.9 16.2 48.6



#94

Hexachlorobutadiene

Concen: 19.130 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN082180.D

Acq: 17 May 2024 15:49

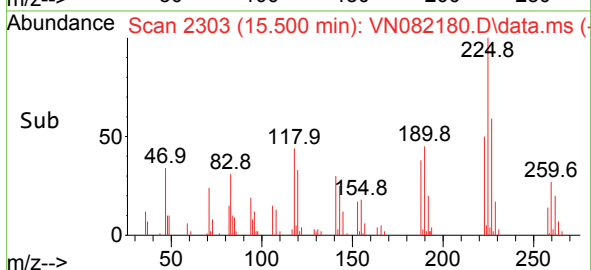
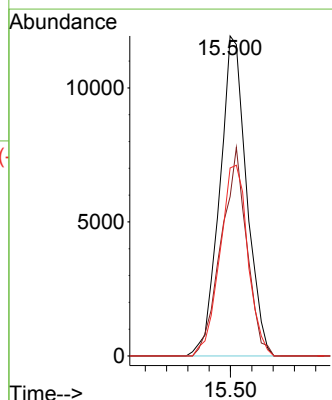
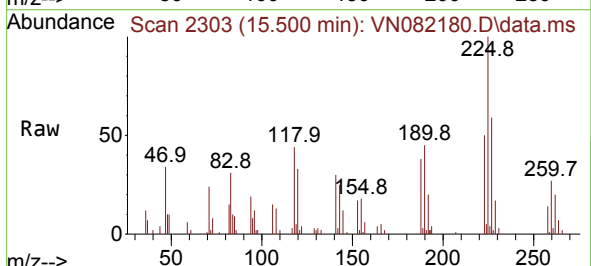
Tgt Ion:225 Resp: 20857

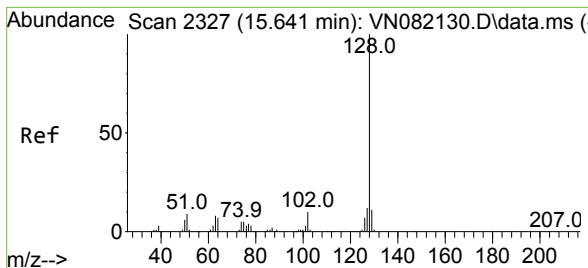
Ion Ratio Lower Upper

225 100

223 62.1 31.1 93.2

227 62.2 30.6 91.6

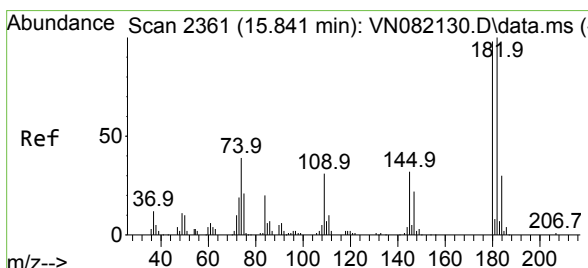
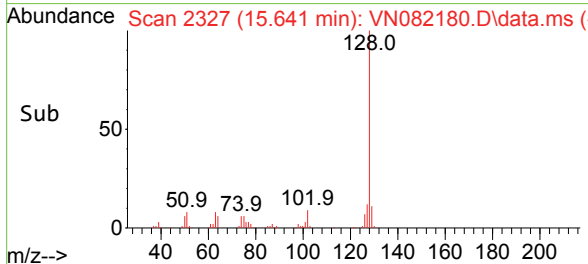
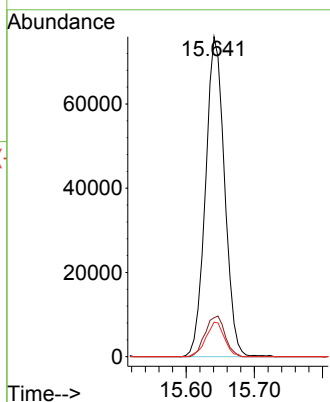
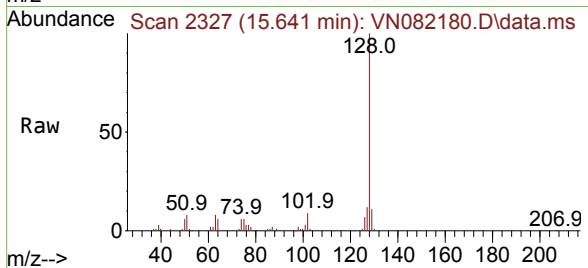




#95
Naphthalene
Concen: 18.948 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion:	128	Resp:	147544
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.1	15.1
129	10.6	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.461 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082180.D
Acq: 17 May 2024 15:49

Tgt Ion:	180	Resp:	48408
Ion Ratio	Lower	Upper	
180	100		
182	92.1	46.0	137.8
145	33.5	17.1	51.3

