

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078318.D
 Acq On : 21 Jun 2023 13:23
 Operator : JC\MD
 Sample : VN0621WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

Quant Time: Jun 22 04:47:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	393731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	716498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	611245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	277565	52.873	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.740%
35) Dibromofluoromethane	8.177	113	234911	51.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.700%
50) Toluene-d8	10.570	98	858782	49.172	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.853	95	260911	48.055	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	61829	13.892	ug/l	100
3) Chloromethane	2.371	50	76269	17.012	ug/l	97
4) Vinyl Chloride	2.524	62	105841	18.161	ug/l	94
5) Bromomethane	2.965	94	79648	18.084	ug/l	97
6) Chloroethane	3.130	64	74732	18.810	ug/l	94
7) Trichlorofluoromethane	3.506	101	158040	19.997	ug/l	94
8) Diethyl Ether	3.977	74	47176	16.988	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	75612	18.128	ug/l	98
10) Methyl Iodide	4.594	142	97880	16.594	ug/l	99
11) Tert butyl alcohol	5.530	59	59782	82.473	ug/l	95
12) 1,1-Dichloroethene	4.347	96	68786	15.998	ug/l	92
13) Acrolein	4.189	56	71950	90.062	ug/l	93
14) Allyl chloride	5.030	41	92601	17.643	ug/l	93
15) Acrylonitrile	5.730	53	181945	97.358	ug/l	99
16) Acetone	4.441	43	151444	100.225	ug/l	94
17) Carbon Disulfide	4.718	76	153113	13.835	ug/l	99
18) Methyl Acetate	5.036	43	131335	18.879	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	250322	18.248	ug/l	99
20) Methylene Chloride	5.288	84	89438	17.912	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	76361	16.467	ug/l	84
22) Diisopropyl ether	6.683	45	239043	19.363	ug/l #	91
23) Vinyl Acetate	6.618	43	670245	91.330	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	154855	19.014	ug/l	93
25) 2-Butanone	7.494	43	224539	96.632	ug/l #	80
26) 2,2-Dichloropropane	7.500	77	129038	21.458	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	96534	17.452	ug/l	93
28) Bromochloromethane	7.818	49	79904	21.369	ug/l	92
29) Tetrahydrofuran	7.853	42	147484	94.944	ug/l #	84
30) Chloroform	7.977	83	163658	18.662	ug/l	93
31) Cyclohexane	8.271	56	109922	16.323	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	146327	19.005	ug/l	99
36) 1,1-Dichloropropene	8.377	75	112408	17.298	ug/l	96
37) Ethyl Acetate	7.571	43	96023	18.916	ug/l #	75
38) Carbon Tetrachloride	8.365	117	125907	18.350	ug/l	96
39) Methylcyclohexane	9.612	83	88500	13.142	ug/l	95
40) Benzene	8.612	78	352630	18.177	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	50624	18.398	ug/l	91
42) 1,2-Dichloroethane	8.676	62	125796	18.912	ug/l	97
43) Isopropyl Acetate	8.694	43	168501	17.356	ug/l	94
44) Trichloroethene	9.359	130	87026	16.986	ug/l	96
45) 1,2-Dichloropropane	9.629	63	91190	18.893	ug/l	97
46) Dibromomethane	9.712	93	65508	18.426	ug/l	97
47) Bromodichloromethane	9.894	83	131408	19.899	ug/l	95
48) Methyl methacrylate	9.688	41	74557	18.300	ug/l	89
49) 1,4-Dioxane	9.694	88	28005	327.045	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	488330	95.520	ug/l	93
52) Toluene	10.635	92	215511	17.595	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	130363	18.955	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	146297	19.243	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	92869	20.043	ug/l	95
56) Ethyl methacrylate	10.876	69	124525	18.457	ug/l	93
57) 1,3-Dichloropropane	11.170	76	150687	19.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	237985	87.319	ug/l	92
59) 2-Hexanone	11.200	43	342630	96.253	ug/l	90
60) Dibromochloromethane	11.365	129	94844	18.706	ug/l	96
61) 1,2-Dibromoethane	11.476	107	88795	18.261	ug/l	96
64) Tetrachloroethene	11.112	164	67357	16.518	ug/l	99
65) Chlorobenzene	11.894	112	228068	17.423	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	88845	18.453	ug/l	96
67) Ethyl Benzene	11.970	91	395901	17.528	ug/l	100
68) m/p-Xylenes	12.076	106	290786	33.781	ug/l	98
69) o-Xylene	12.406	106	143740	17.004	ug/l	93
70) Styrene	12.417	104	236184	17.748	ug/l	99
71) Bromoform	12.582	173	58533	18.839	ug/l #	99
73) Isopropylbenzene	12.700	105	350530	16.618	ug/l	99
74) N-amyl acetate	12.500	43	123445	17.771	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	128765	20.763	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	145340	27.561	ug/l	70
77) Bromobenzene	12.982	156	84721	17.302	ug/l	98
78) n-propylbenzene	13.041	91	385164	16.806	ug/l	98
79) 2-Chlorotoluene	13.129	91	244775	16.546	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	284592	16.664	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31823	18.540	ug/l #	77
82) 4-Chlorotoluene	13.223	91	232533	16.842	ug/l	98
83) tert-Butylbenzene	13.441	119	222344	14.977	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	277610	16.766	ug/l	99
85) sec-Butylbenzene	13.617	105	290993	14.976	ug/l	98
86) p-Isopropyltoluene	13.735	119	233956	14.838	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	129877	15.680	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	132825	16.619	ug/l	100
89) n-Butylbenzene	14.058	91	167765	13.489	ug/l	96
90) Hexachloroethane	14.341	117	46379	16.574	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	135701	16.764	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18663	17.862	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	33480	11.608	ug/l	100
94) Hexachlorobutadiene	15.505	225	21730	13.410	ug/l	98
95) Naphthalene	15.647	128	107438	11.074	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	39207	12.154	ug/l	96

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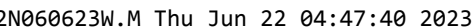
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

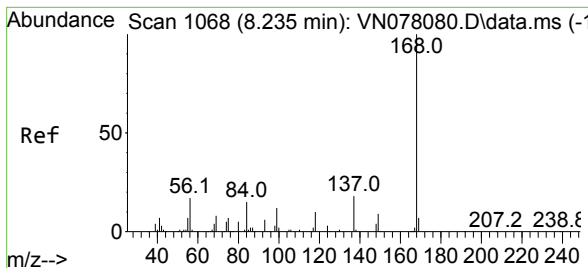
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.006 min

Lab File: VN078318.D

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ClientSampleId :

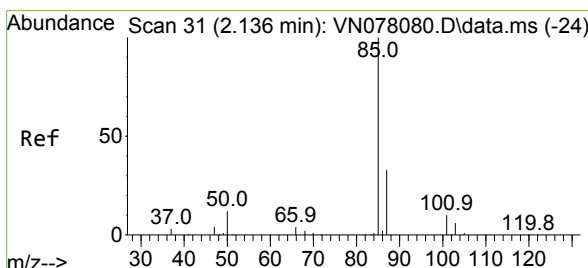
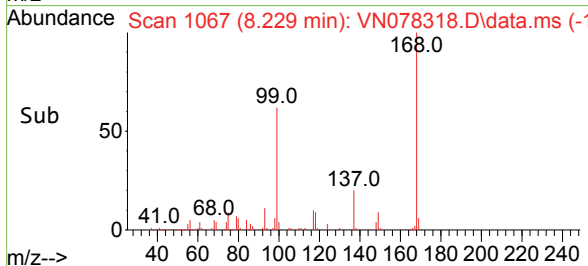
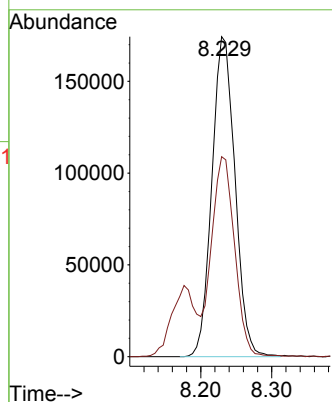
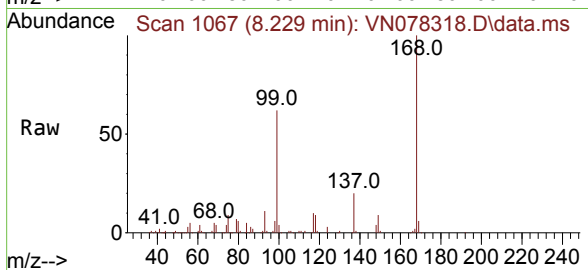
VN0621WBS01

Tgt Ion:168 Resp: 393731

Ion Ratio Lower Upper

168 100

99 62.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 13.892 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078318.D

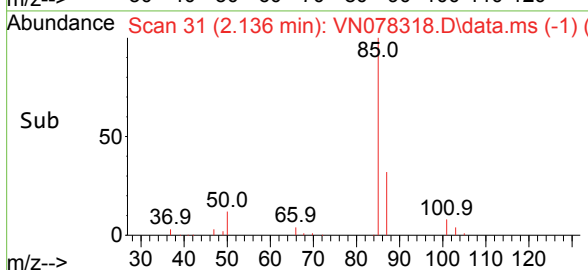
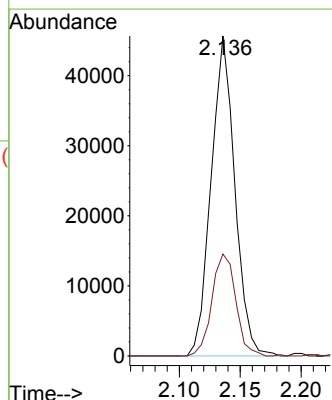
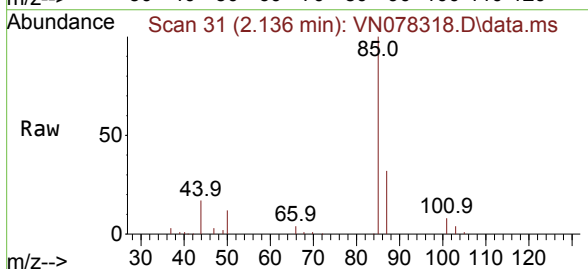
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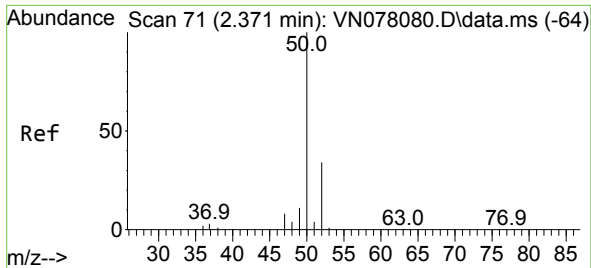
Tgt Ion: 85 Resp: 61829

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.4

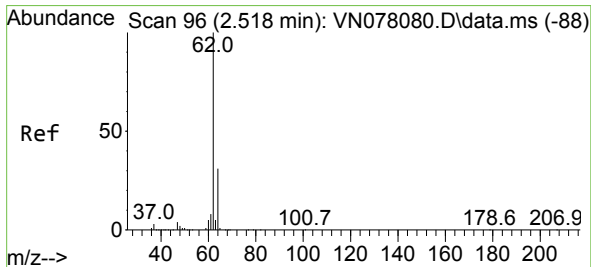
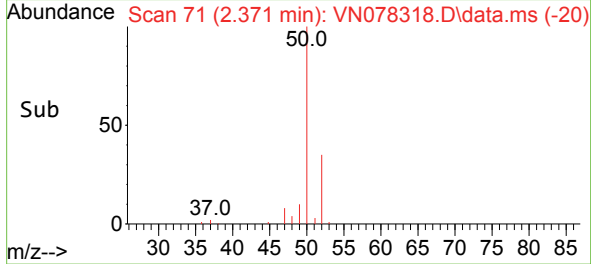
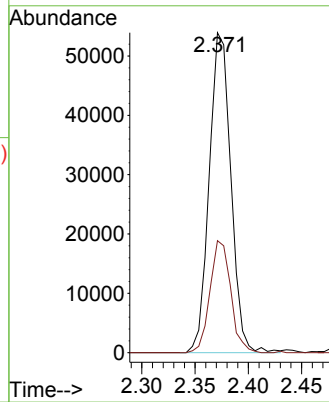
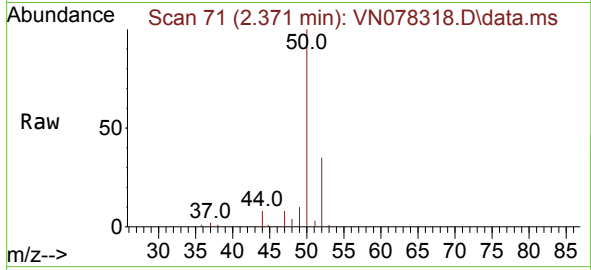




#3
Chloromethane
Concen: 17.012 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

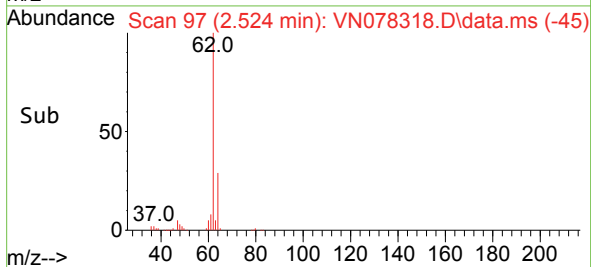
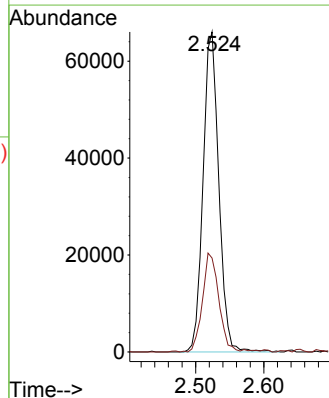
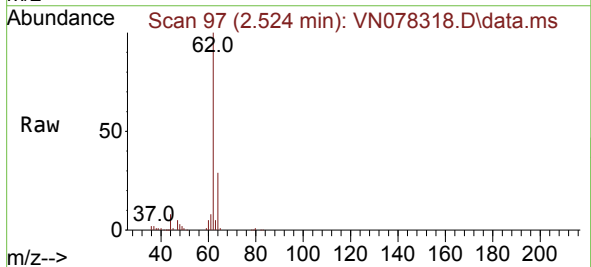
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

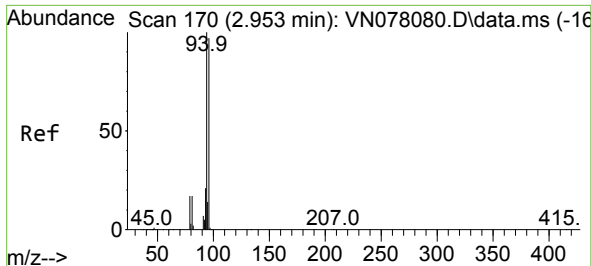
Tgt Ion: 50 Resp: 76269
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7



#4
Vinyl Chloride
Concen: 18.161 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 62 Resp: 105841
Ion Ratio Lower Upper
62 100
64 29.4 26.2 39.2

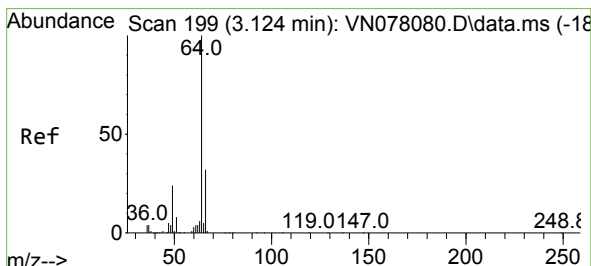
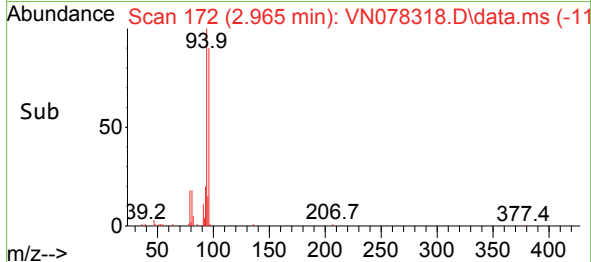
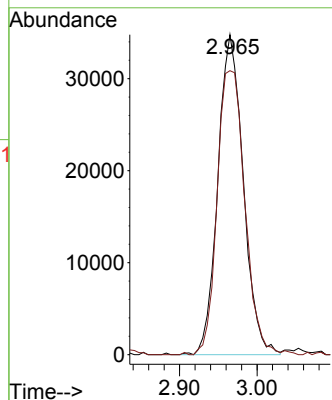
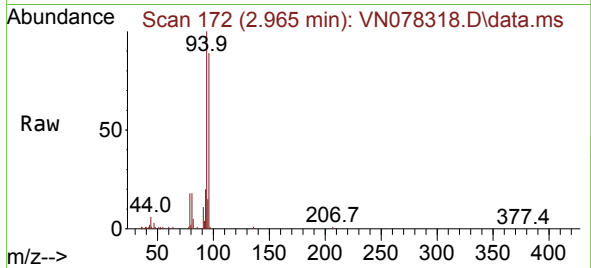




#5
Bromomethane
Concen: 18.084 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

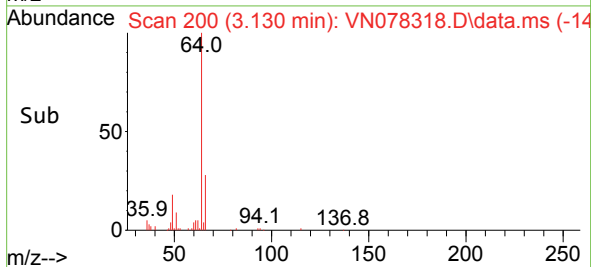
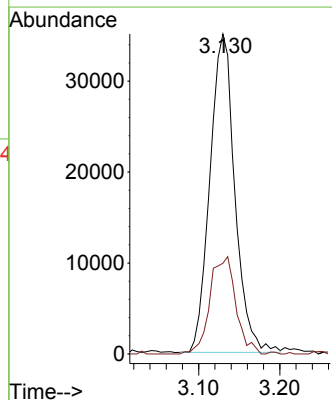
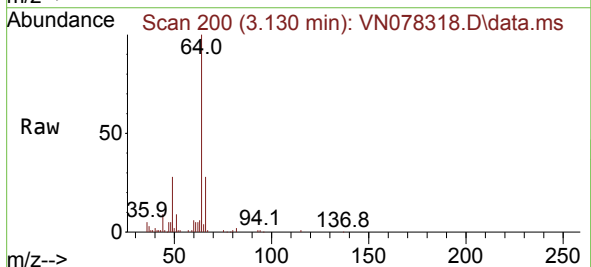
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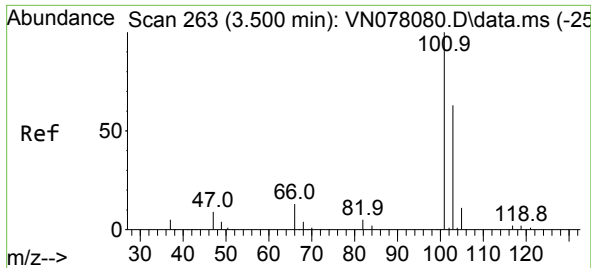
Tgt Ion: 94 Resp: 79648
Ion Ratio Lower Upper
94 100
96 88.7 73.1 109.7



#6
Chloroethane
Concen: 18.810 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 64 Resp: 74732
Ion Ratio Lower Upper
64 100
66 28.5 25.4 38.2

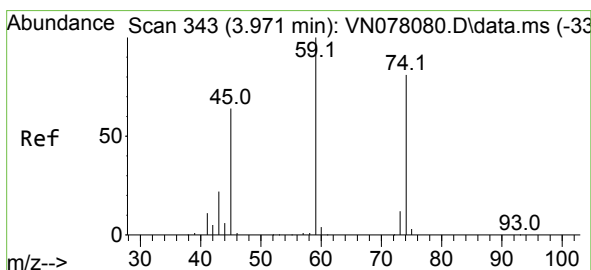
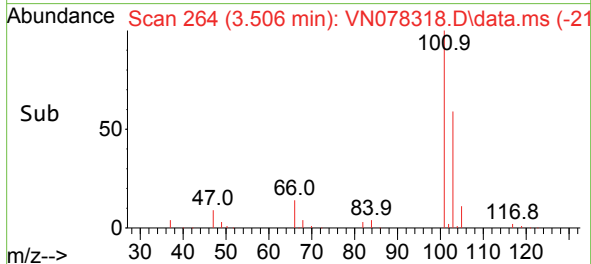
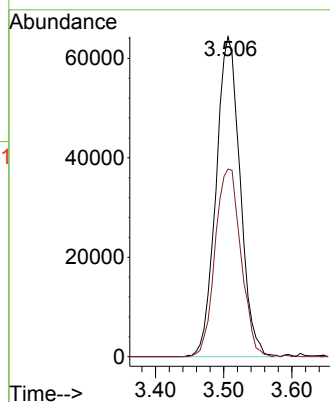
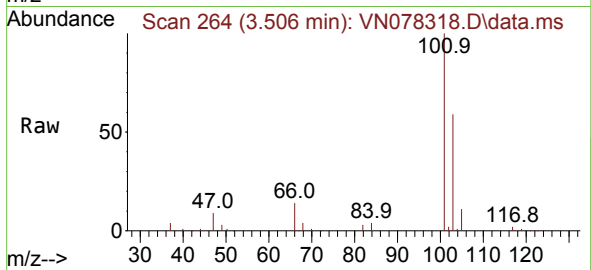




#7
Trichlorofluoromethane
Concen: 19.997 ug/l
RT: 3.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

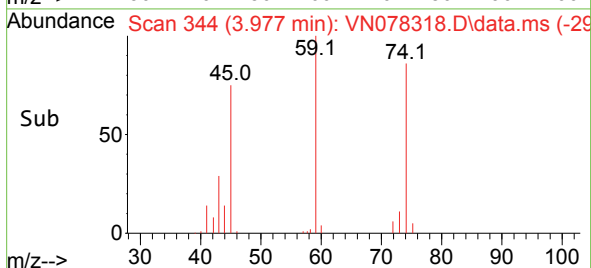
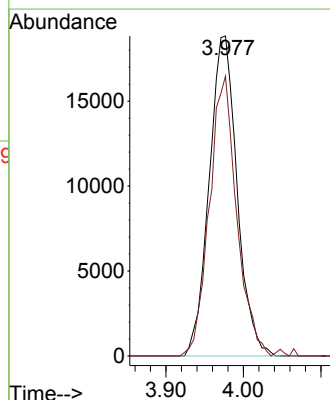
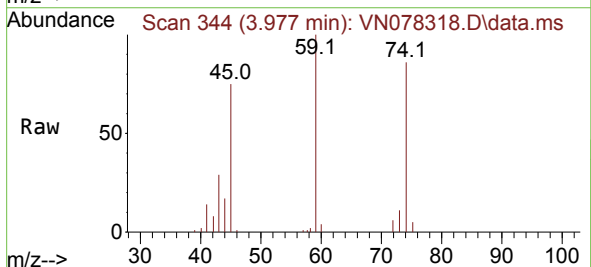
Instrument :
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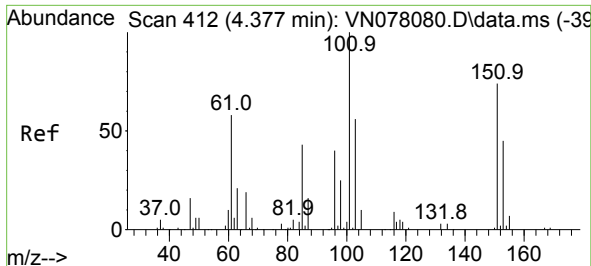
Tgt Ion:101 Resp: 158040
Ion Ratio Lower Upper
101 100
103 58.7 50.7 76.1



#8
Diethyl Ether
Concen: 16.988 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 74 Resp: 47176
Ion Ratio Lower Upper
74 100
45 85.5 34.4 103.3

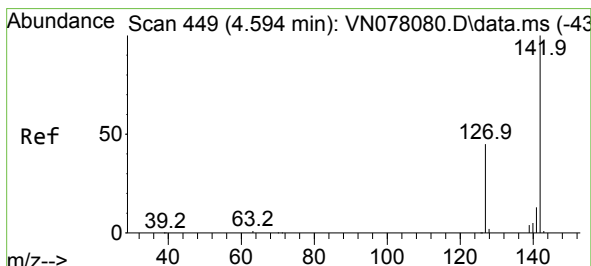
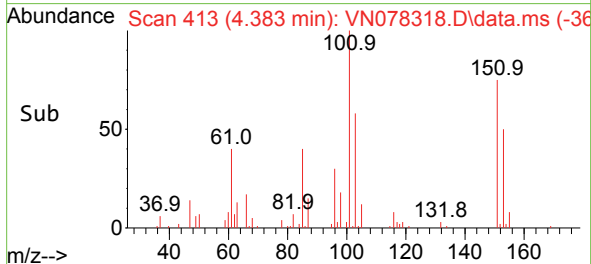
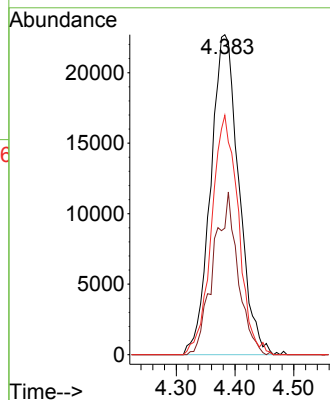
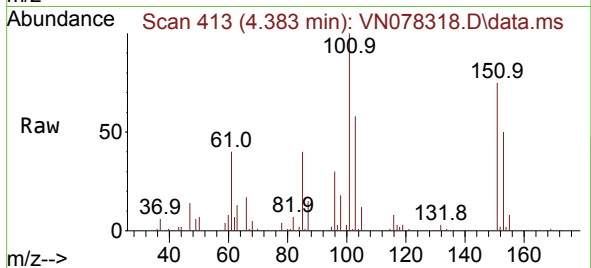




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.128 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

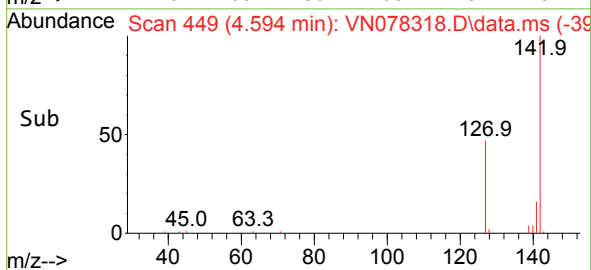
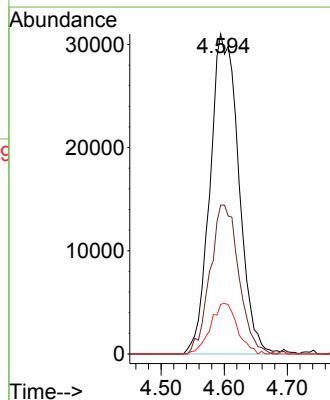
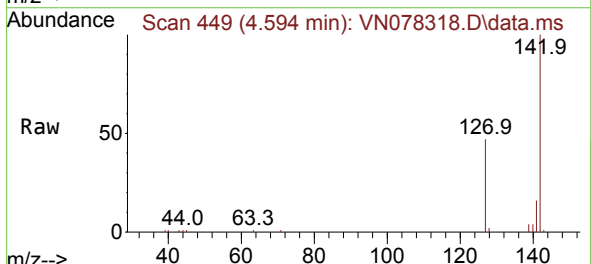
Instrument :
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ClientSampleId :
VN0621WBS01

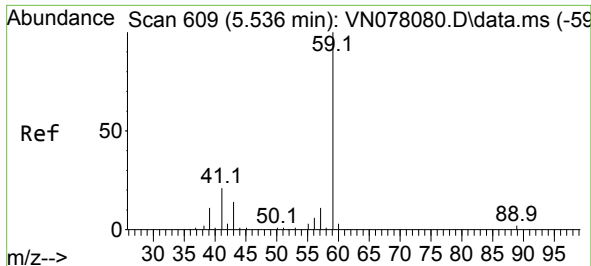
Tgt Ion:101 Resp: 75612
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 70.9 57.6 86.4



#10
Methyl Iodide
Concen: 16.594 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion:142 Resp: 97880
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 15.5 11.4 17.0

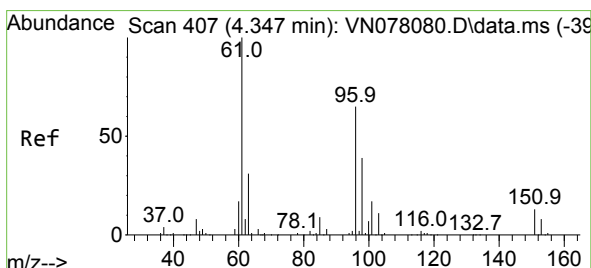
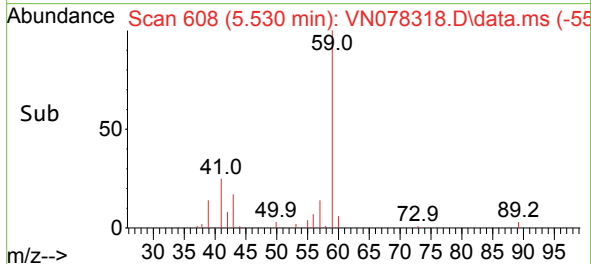
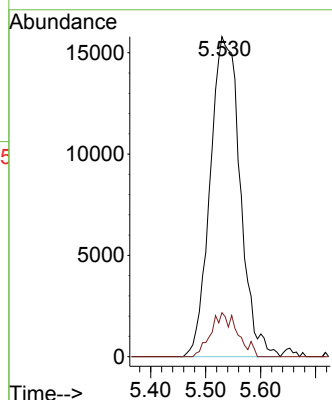
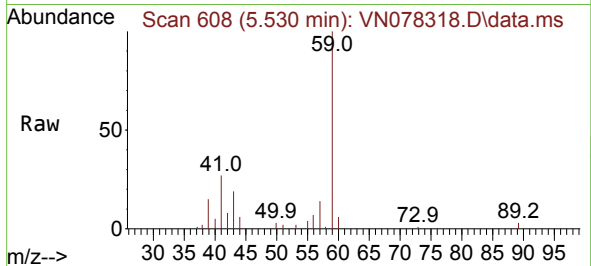




#11
Tert butyl alcohol
Concen: 82.473 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

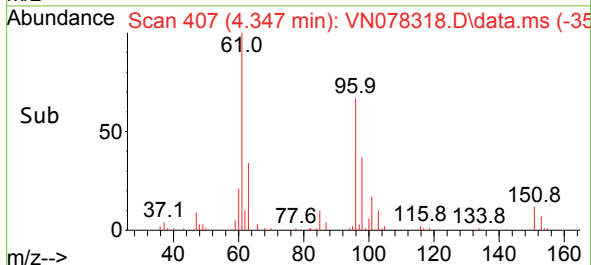
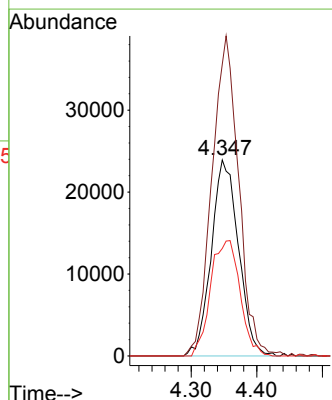
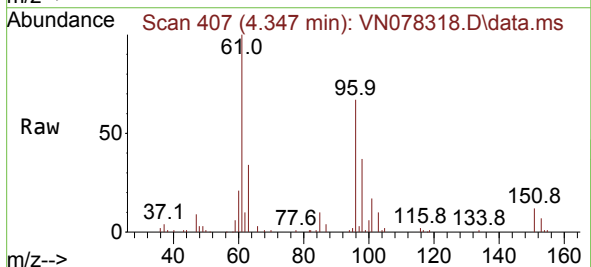
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

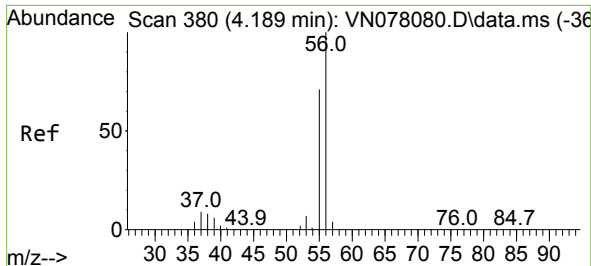
Tgt Ion: 59 Resp: 59782
Ion Ratio Lower Upper
59 100
57 12.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 15.998 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 96 Resp: 68786
Ion Ratio Lower Upper
96 100
61 148.8 112.7 169.1
98 54.8 51.2 76.8

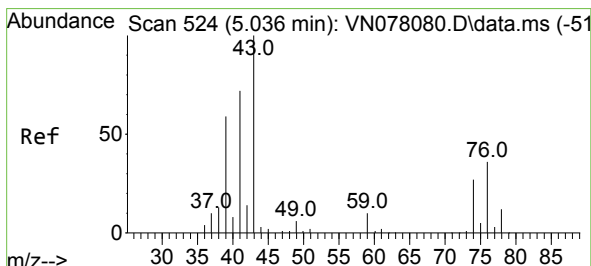
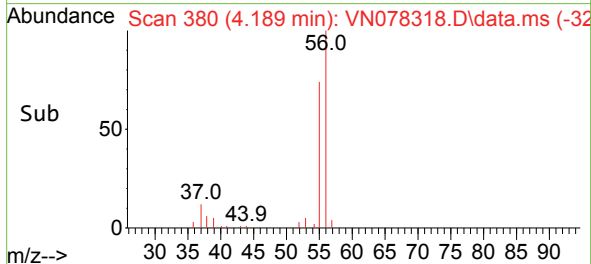
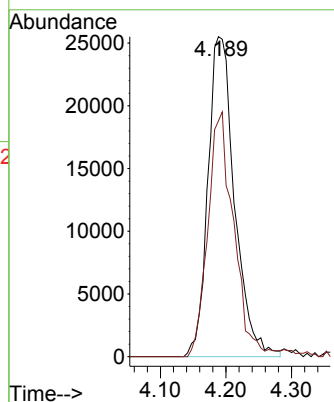
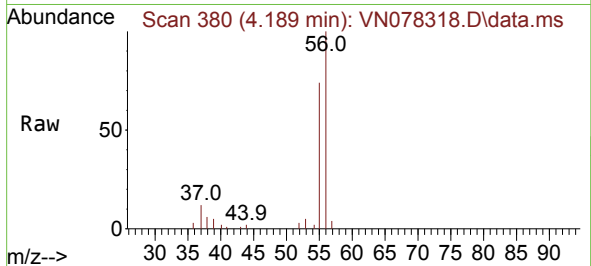




#13
Acrolein
Concen: 90.062 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

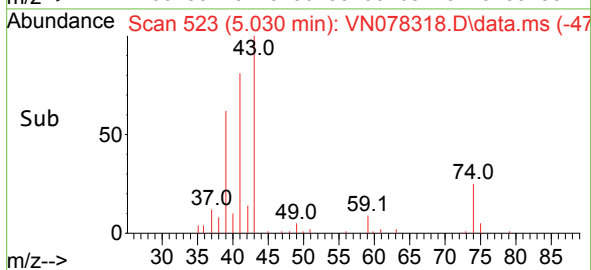
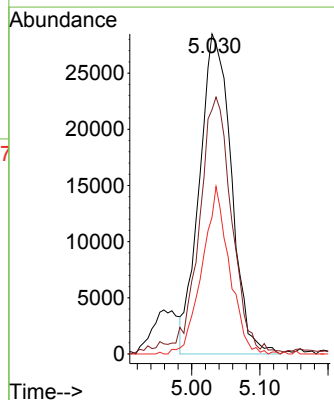
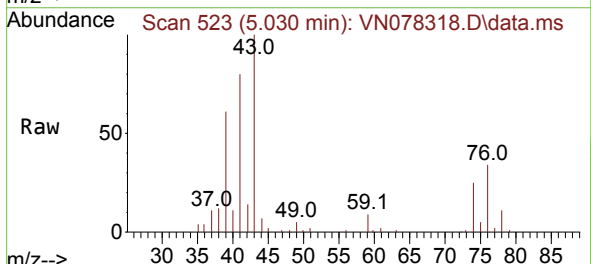
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

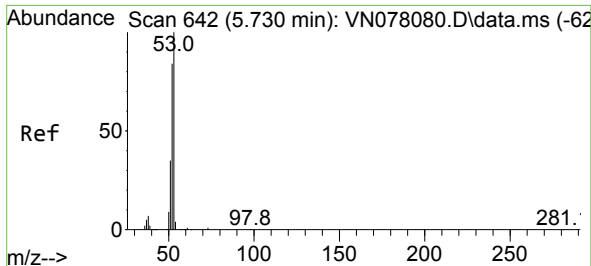
Tgt Ion: 56 Resp: 71950
Ion Ratio Lower Upper
56 100
55 74.0 54.5 81.7



#14
Allyl chloride
Concen: 17.643 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 41 Resp: 92601
Ion Ratio Lower Upper
41 100
39 80.2 58.8 88.2
76 44.7 39.1 58.7

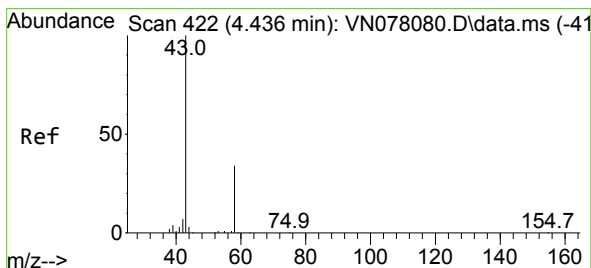
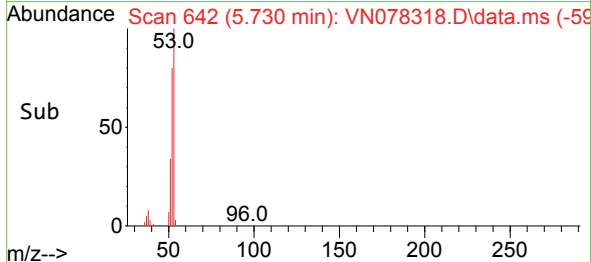
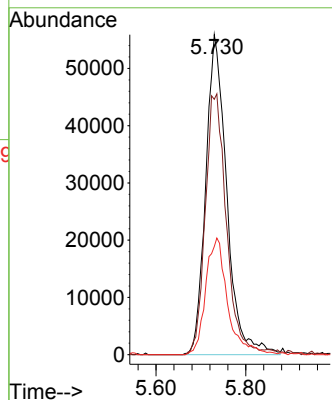
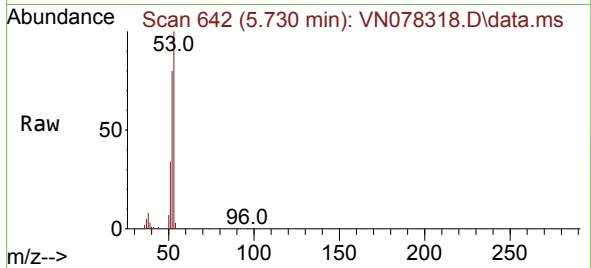




#15
Acrylonitrile
Concen: 97.358 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

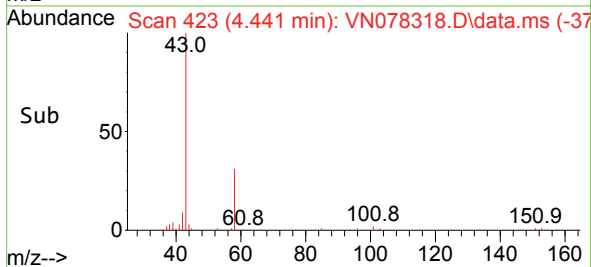
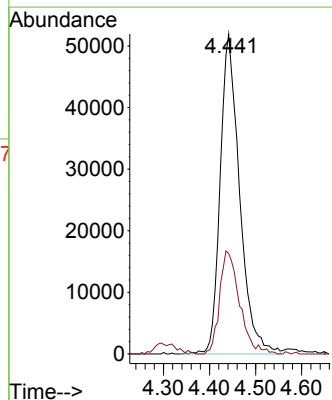
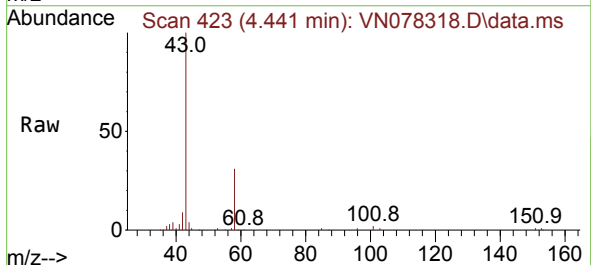
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

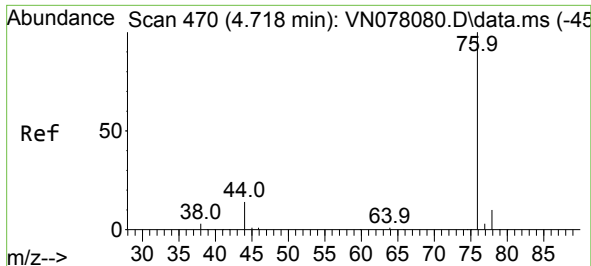
Tgt Ion: 53 Resp: 181945
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 38.1 28.9 43.3



#16
Acetone
Concen: 100.225 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 43 Resp: 151444
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0

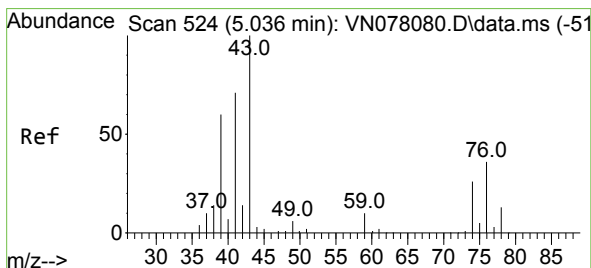
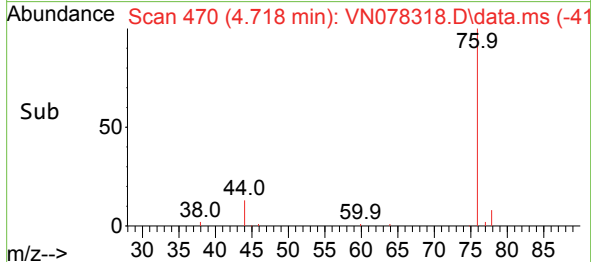
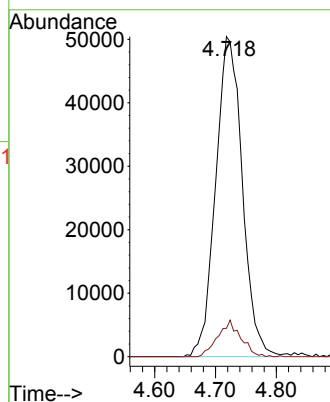
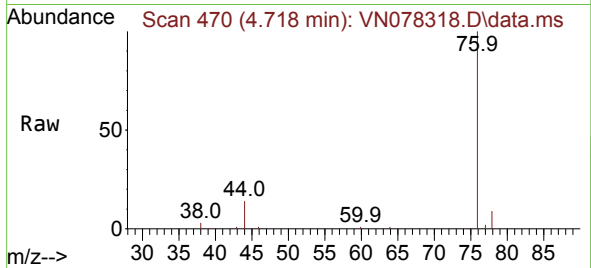




#17
Carbon Disulfide
Concen: 13.835 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

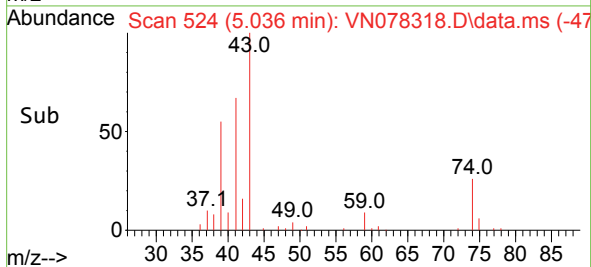
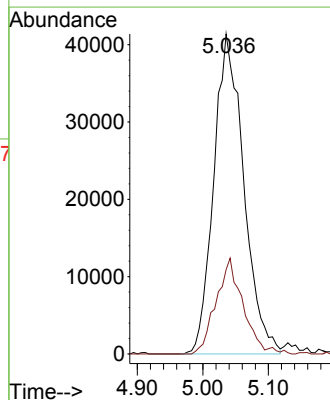
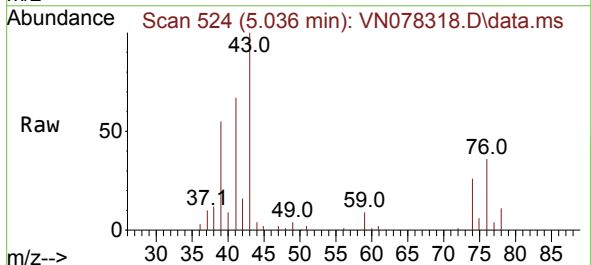
Instrument :
MSVOA_N
ClientSampleId :
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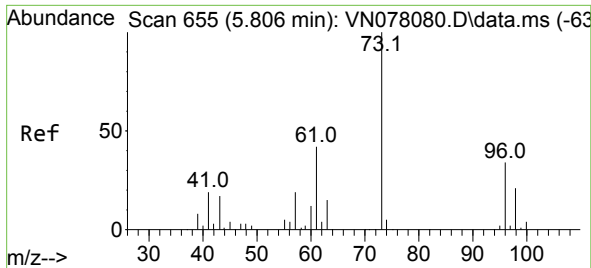
Tgt Ion: 76 Resp: 153113
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 18.879 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 43 Resp: 131335
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4

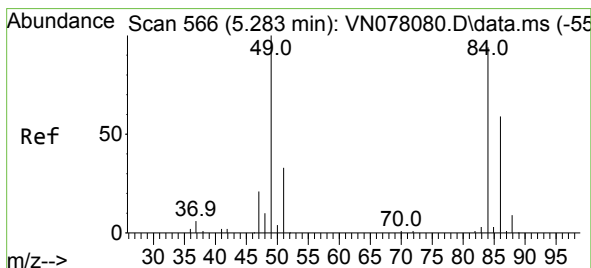
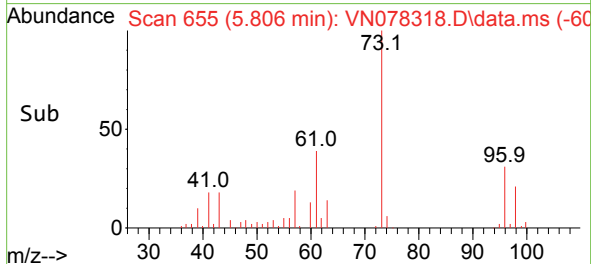
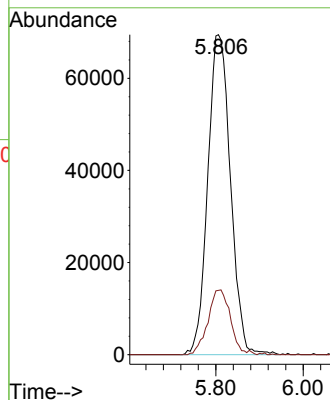
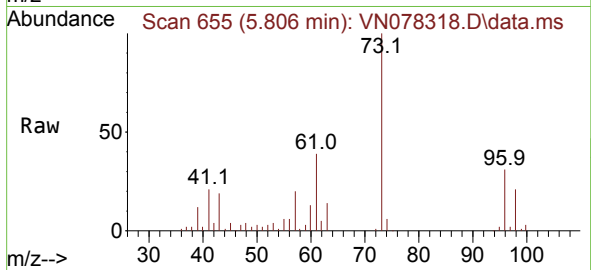




#19
Methyl tert-butyl Ether
Concen: 18.248 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

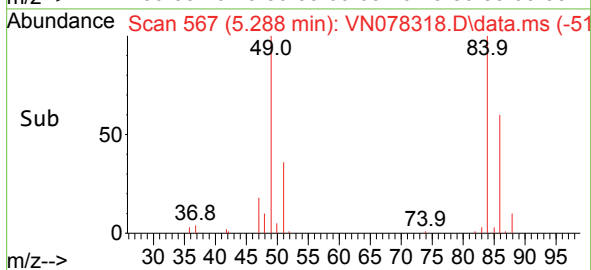
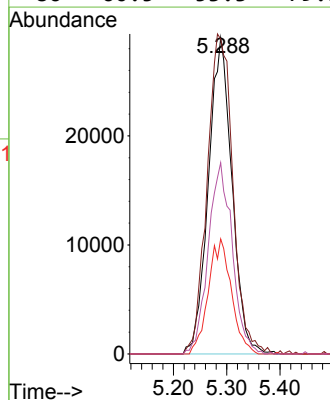
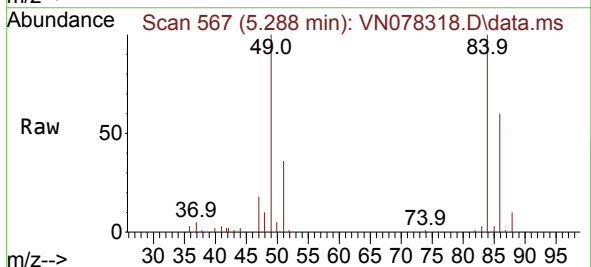
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

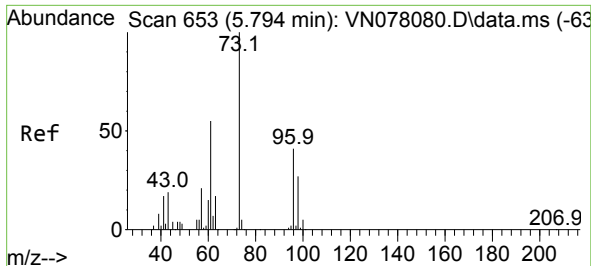
Tgt Ion: 73 Resp: 250322
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4



#20
Methylene Chloride
Concen: 17.912 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 84 Resp: 89438
Ion Ratio Lower Upper
84 100
49 99.5 79.7 119.5
51 36.4 25.2 37.8
86 60.5 53.3 79.9

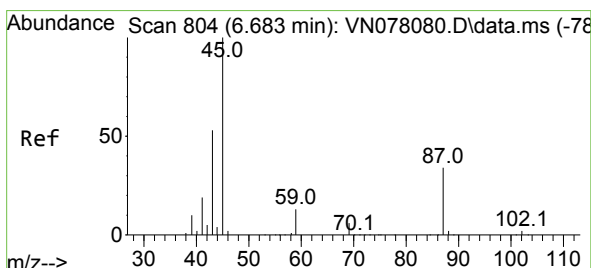
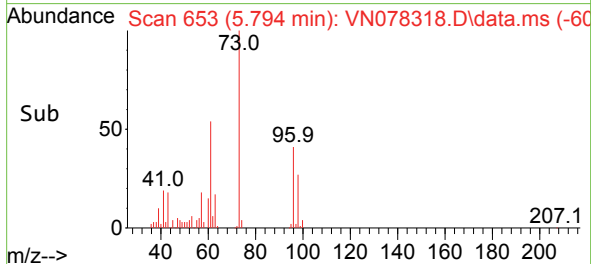
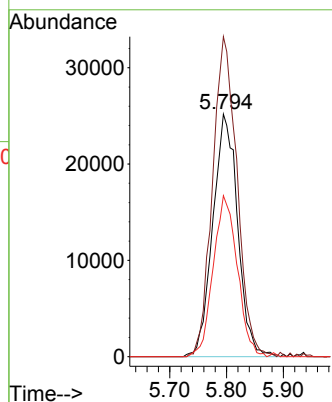
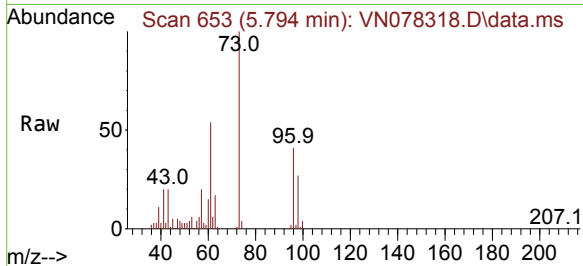




#21
trans-1,2-Dichloroethene
Concen: 16.467 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

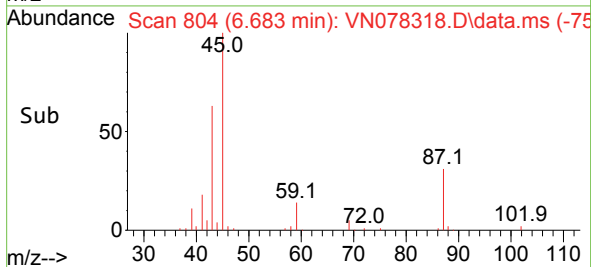
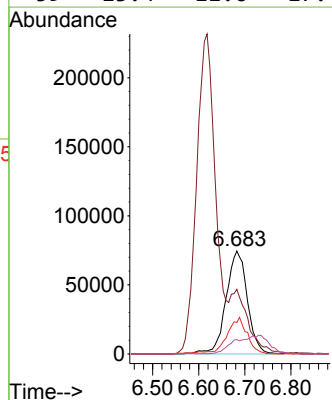
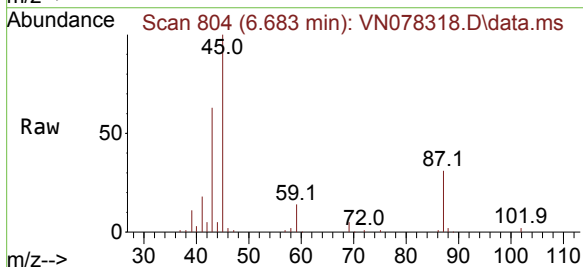
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

Tgt Ion: 96 Resp: 76361
Ion Ratio Lower Upper
96 100
61 131.9 90.1 135.1
98 66.3 46.4 69.6



#22
Diisopropyl ether
Concen: 19.363 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 45 Resp: 239043
Ion Ratio Lower Upper
45 100
43 61.1 45.5 68.3
87 30.6 31.8 47.8#
59 13.4 11.6 17.4

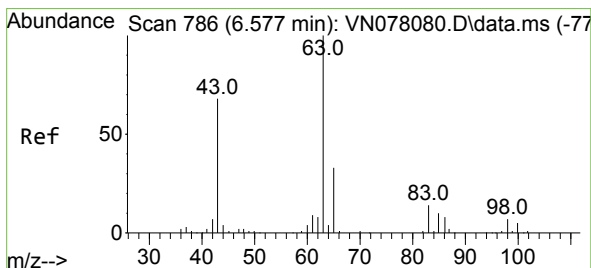
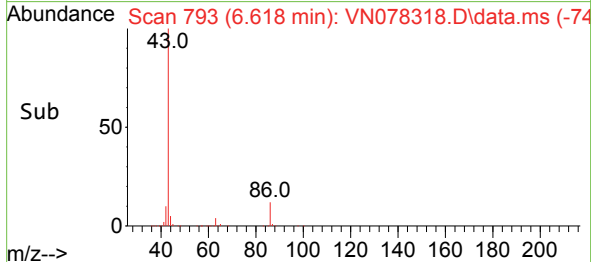
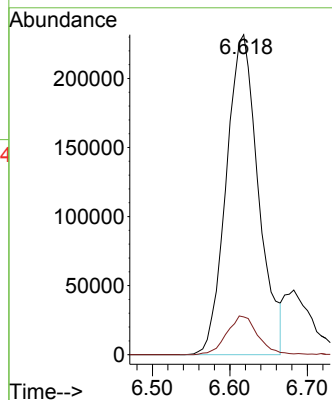
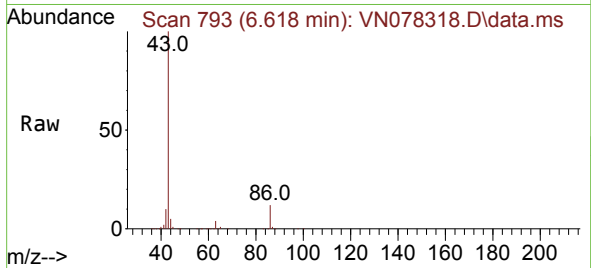




#23
 Vinyl Acetate
 Concen: 91.330 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078318.D
 Acq: 21 Jun 2023 13:23

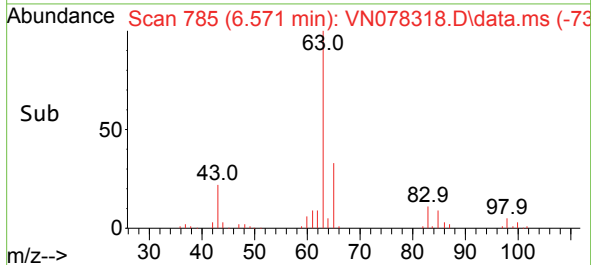
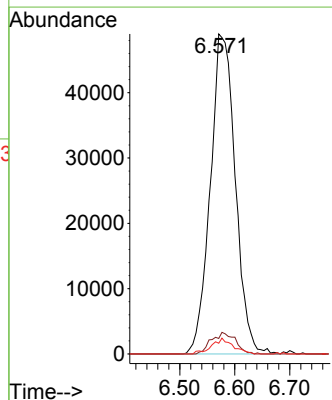
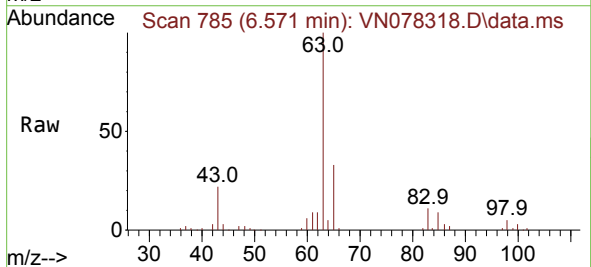
Instrument :
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 ClientSampleId :
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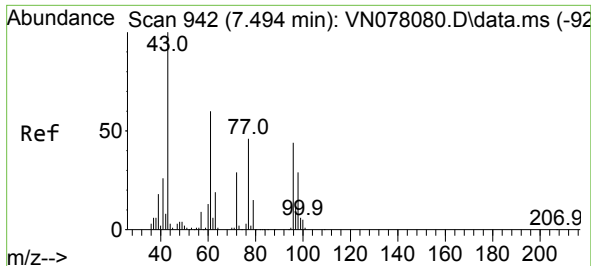
Tgt Ion: 43 Resp: 670245
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.014 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078318.D
 Acq: 21 Jun 2023 13:23

Tgt Ion: 63 Resp: 154855
 Ion Ratio Lower Upper
 63 100
 98 4.8 3.9 11.7
 100 3.3 2.5 7.4

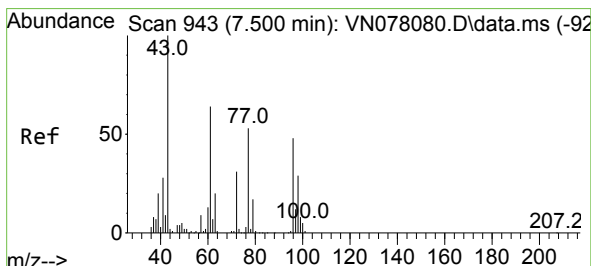
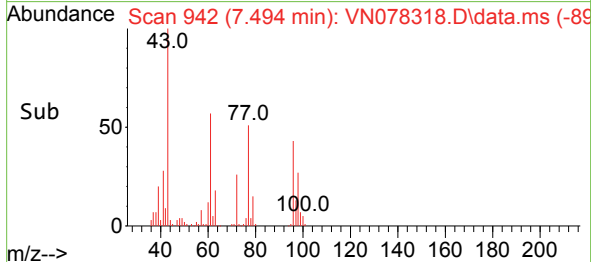
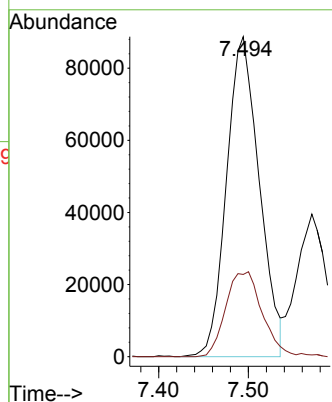
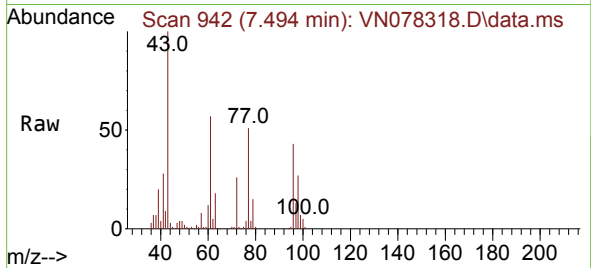




#25
2-Butanone
Concen: 96.632 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

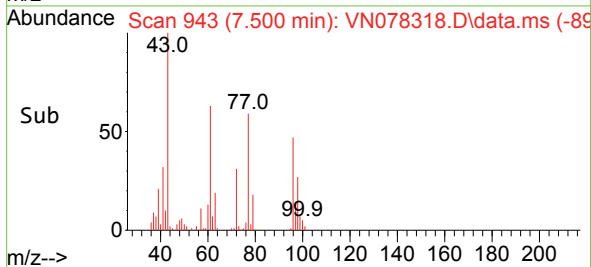
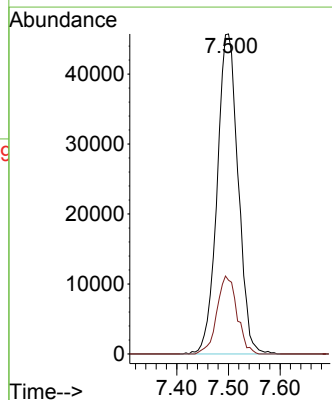
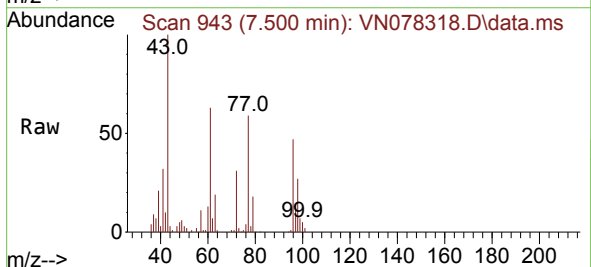
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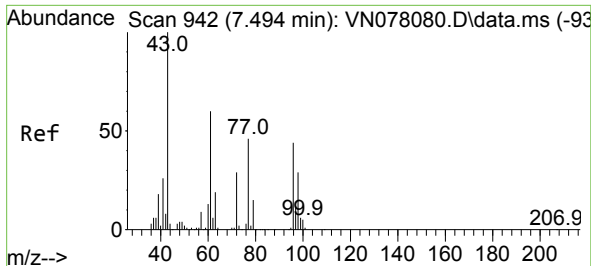
Tgt Ion: 43 Resp: 224539
Ion Ratio Lower Upper
43 100
72 25.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 21.458 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 77 Resp: 129038
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6

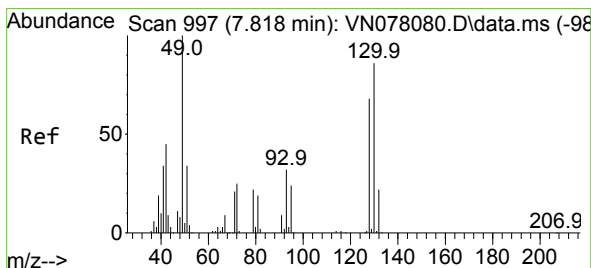
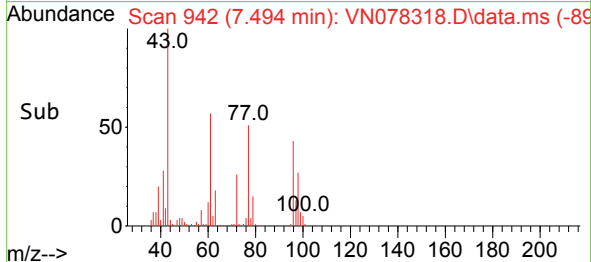
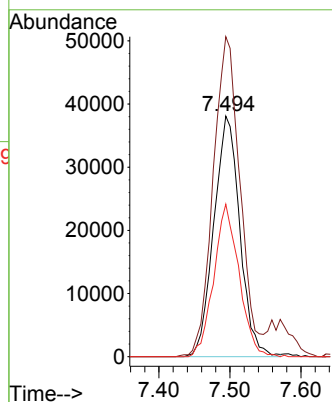
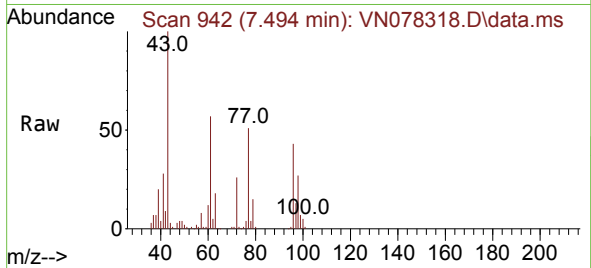




#27
 cis-1,2-Dichloroethene
 Concen: 17.452 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078318.D
 Acq: 21 Jun 2023 13:23

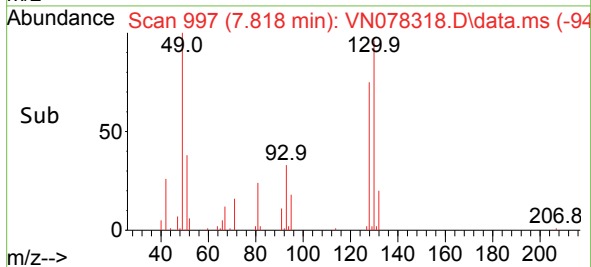
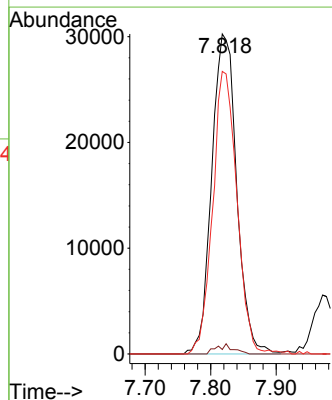
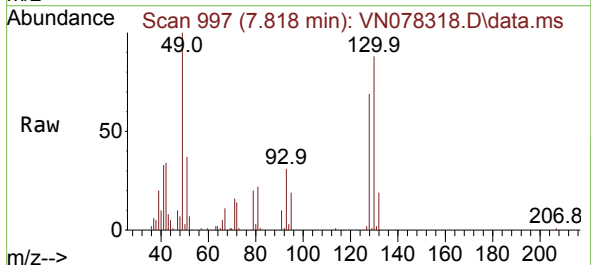
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

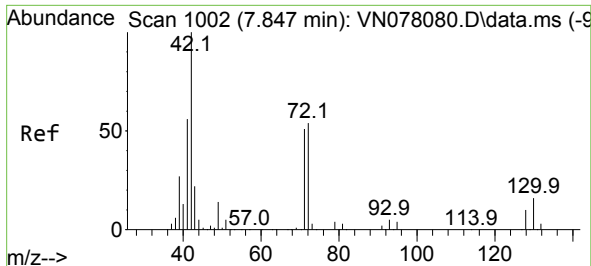
Tgt Ion: 96 Resp: 96534
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 255.2
 98 61.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.369 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078318.D
 Acq: 21 Jun 2023 13:23

Tgt Ion: 49 Resp: 79904
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 85.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 94.944 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

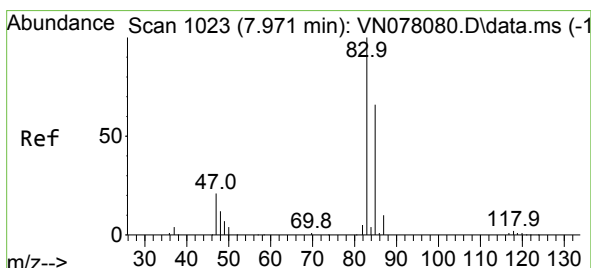
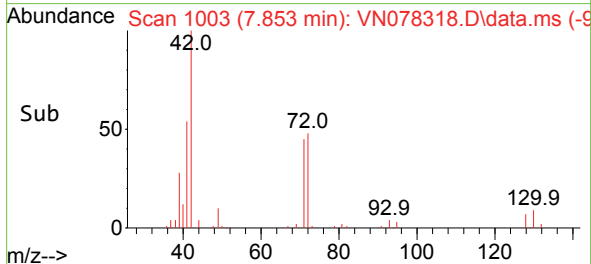
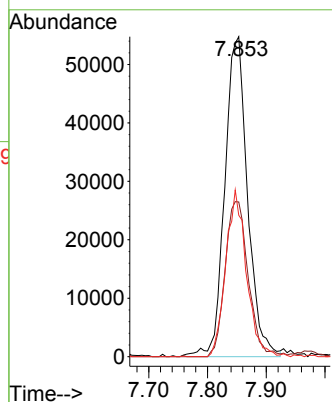
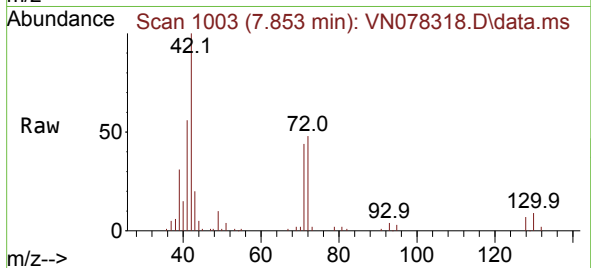
Tgt Ion: 42 Resp: 147484

Ion Ratio Lower Upper

42 100

72 49.3 49.8 74.6#

71 47.2 47.4 71.2#



#30

Chloroform

Concen: 18.662 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078318.D

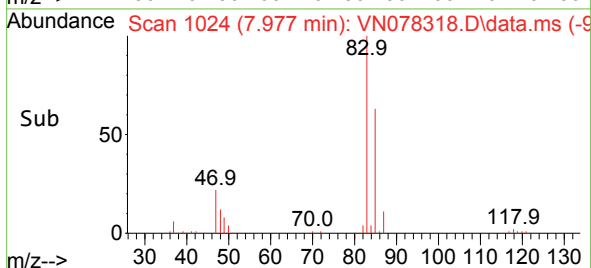
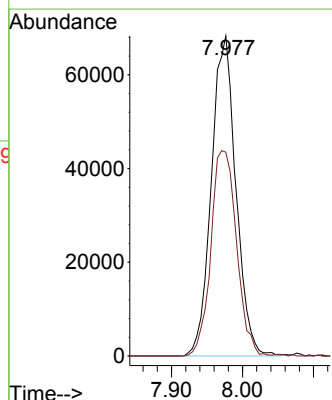
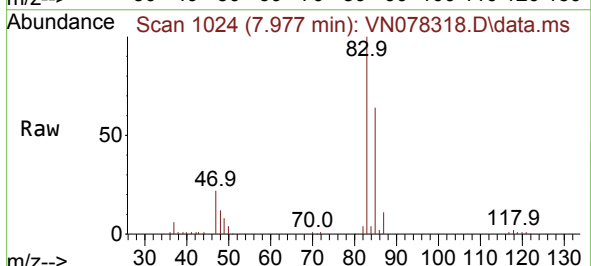
Acq: 21 Jun 2023 13:23

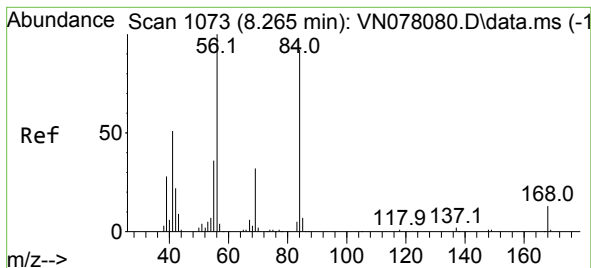
Tgt Ion: 83 Resp: 163658

Ion Ratio Lower Upper

83 100

85 63.7 55.4 83.0





#31

Cyclohexane

Concen: 16.323 ug/l

RT: 8.271 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

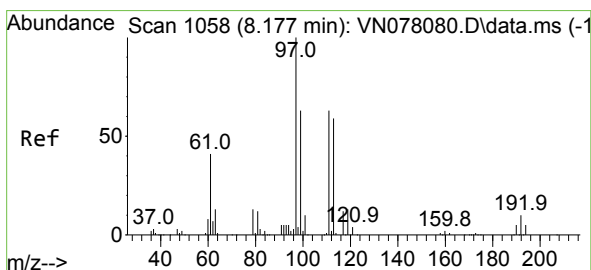
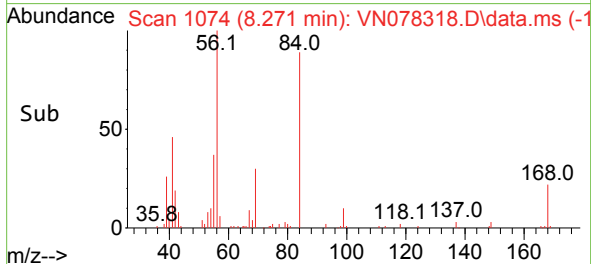
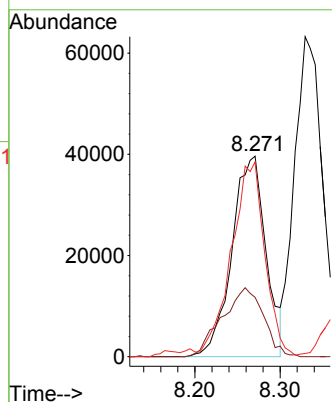
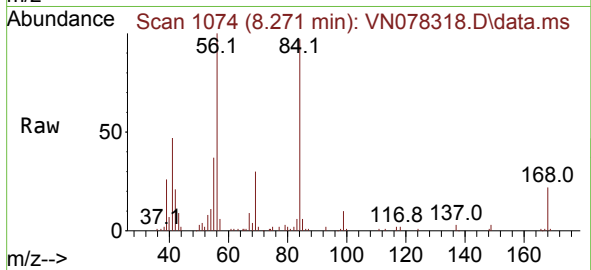
Tgt Ion: 56 Resp: 109922

Ion Ratio Lower Upper

56 100

69 29.6 26.8 40.2

84 94.4 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.005 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

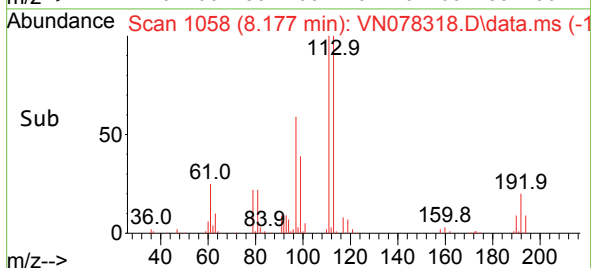
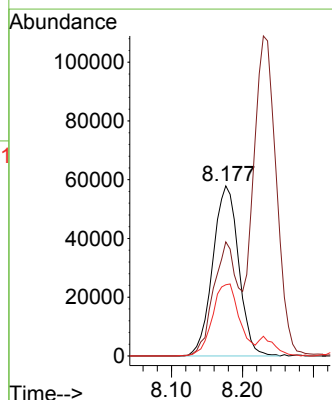
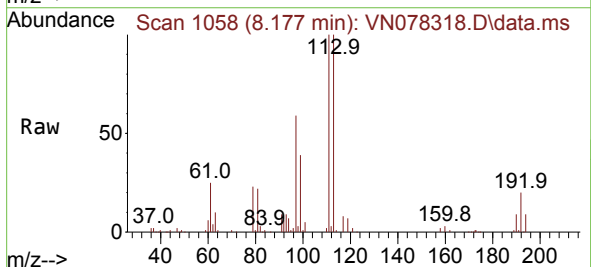
Tgt Ion: 97 Resp: 146327

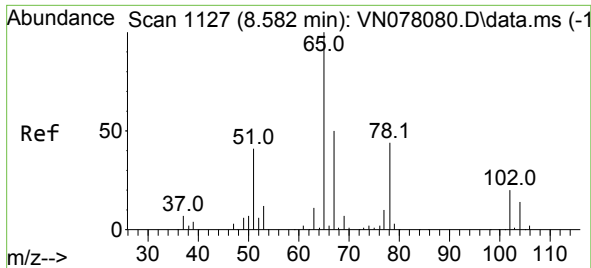
Ion Ratio Lower Upper

97 100

99 63.2 50.3 75.5

61 44.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.873 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

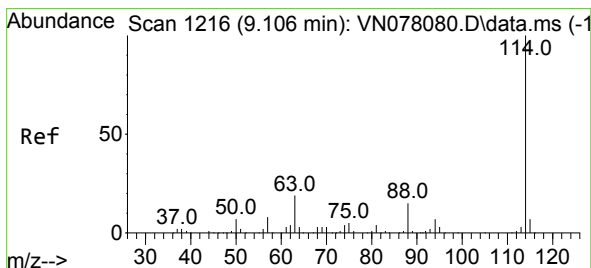
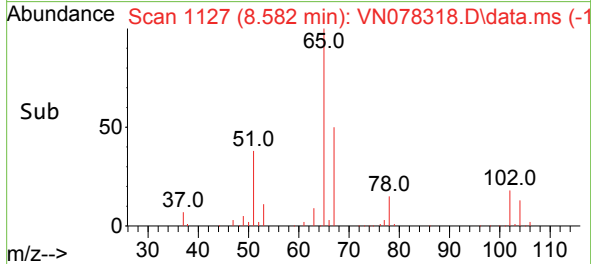
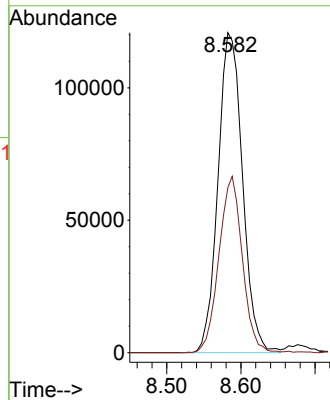
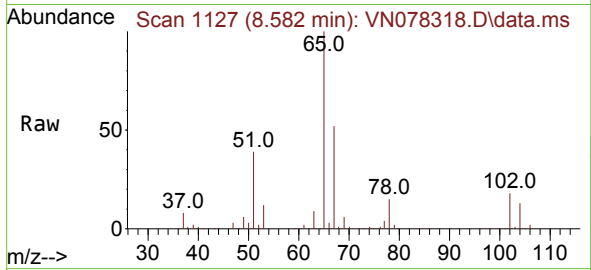
VN0621WBS01

Tgt Ion: 65 Resp: 277565

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

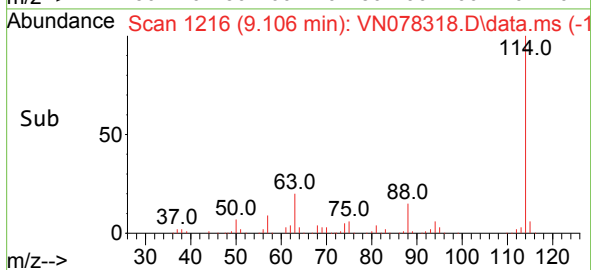
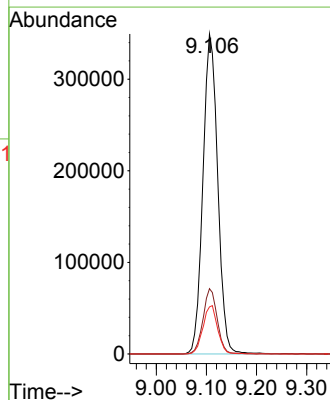
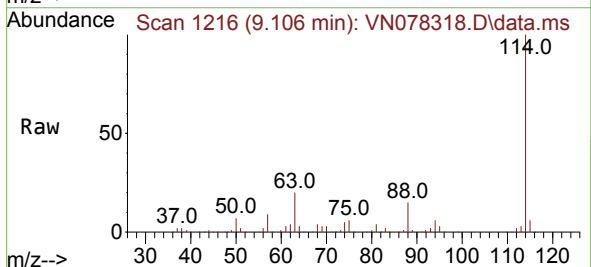
Tgt Ion: 114 Resp: 716498

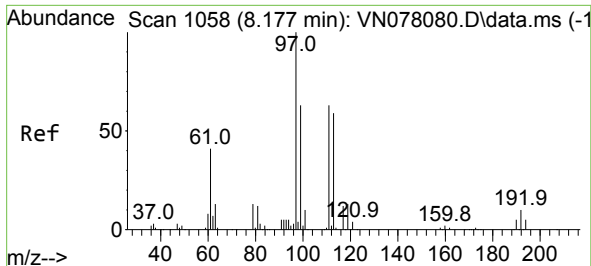
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 14.7 0.0 30.6

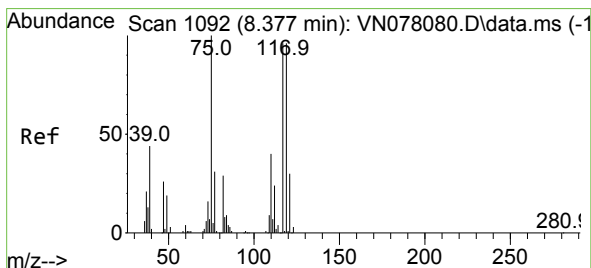
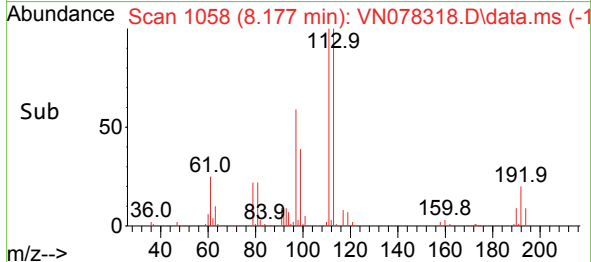
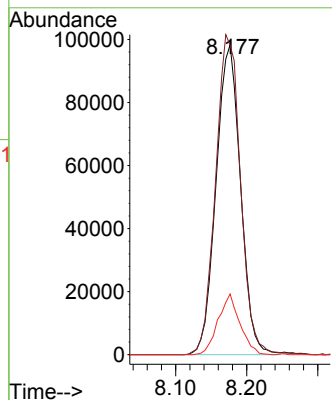
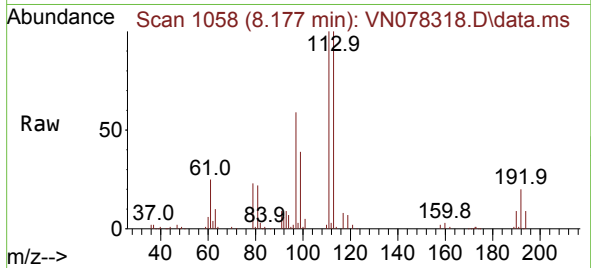




#35
Dibromofluoromethane
Concen: 51.853 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

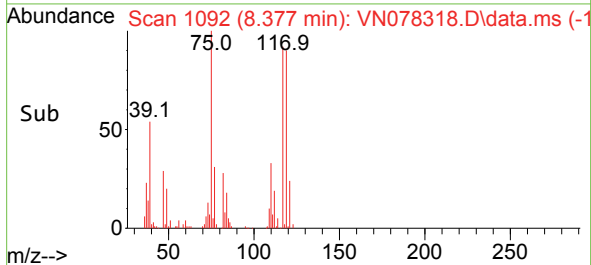
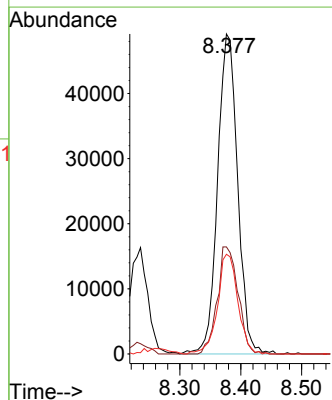
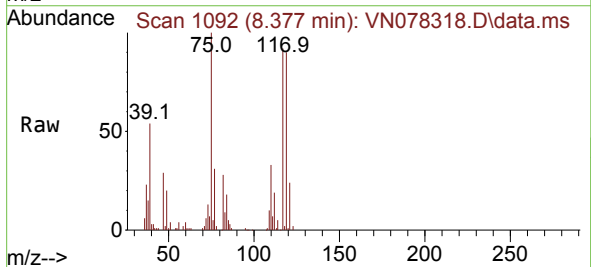
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

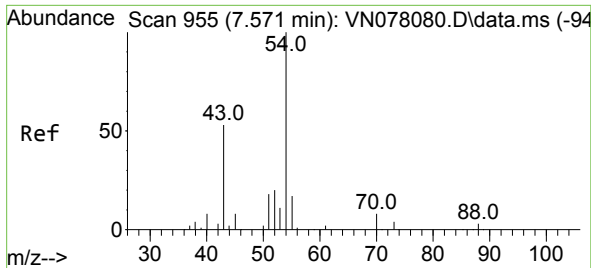
Tgt Ion:113 Resp: 234911
Ion Ratio Lower Upper
113 100
111 105.3 82.6 123.8
192 17.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 17.298 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 75 Resp: 112408
Ion Ratio Lower Upper
75 100
110 34.8 19.1 57.3
77 31.7 25.0 37.4

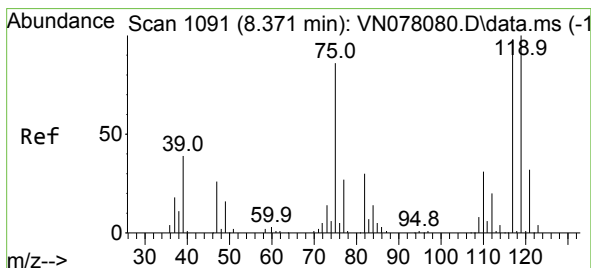
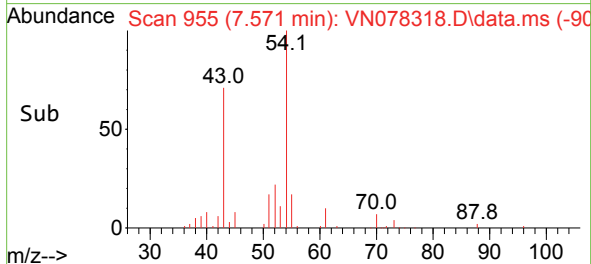
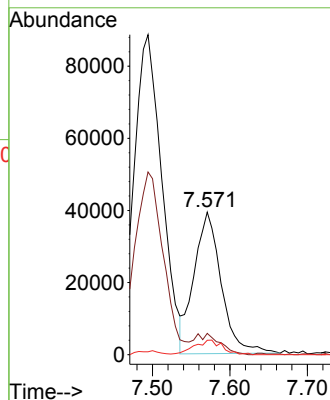
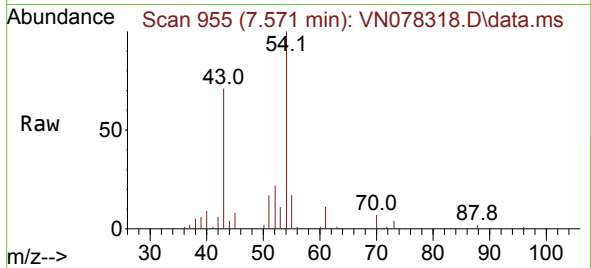




#37
Ethyl Acetate
Concen: 18.916 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

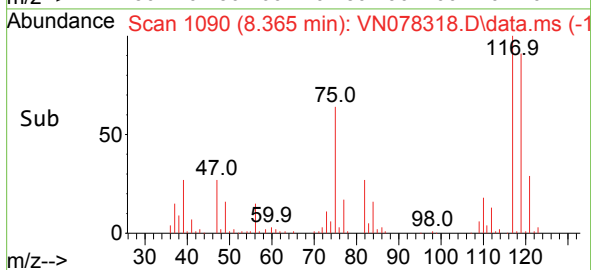
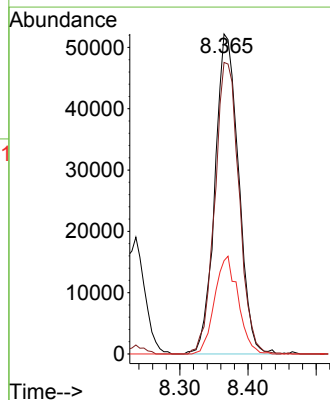
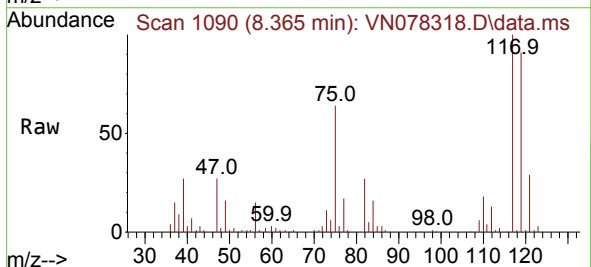
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

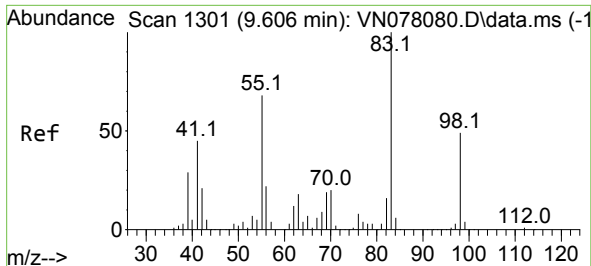
Tgt Ion: 43 Resp: 96023
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 10.6 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 18.350 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 117 Resp: 125907
Ion Ratio Lower Upper
117 100
119 91.1 77.3 115.9
121 29.1 23.3 34.9





#39

Methylcyclohexane

Concen: 13.142 ug/l

RT: 9.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

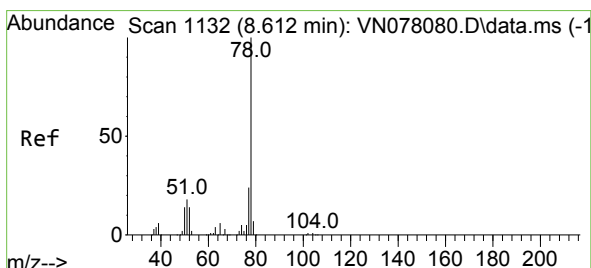
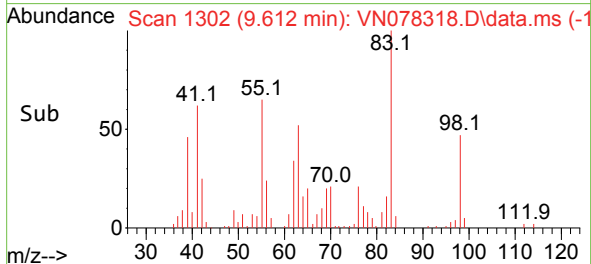
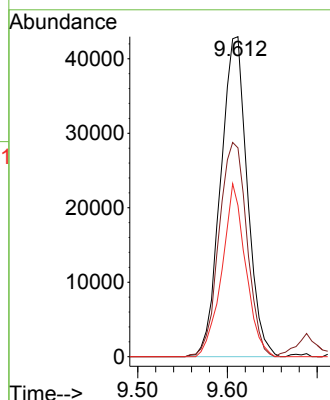
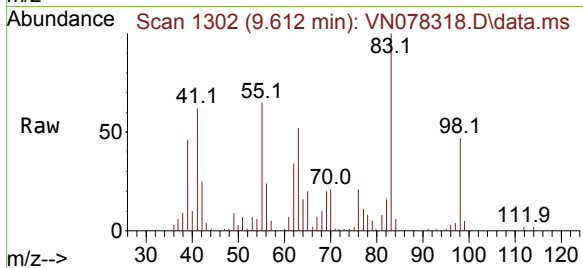
Tgt Ion: 83 Resp: 88500

Ion Ratio Lower Upper

83 100

55 65.2 49.1 73.7

98 47.2 40.6 61.0



#40

Benzene

Concen: 18.177 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078318.D

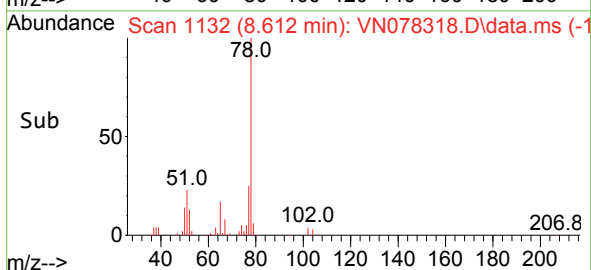
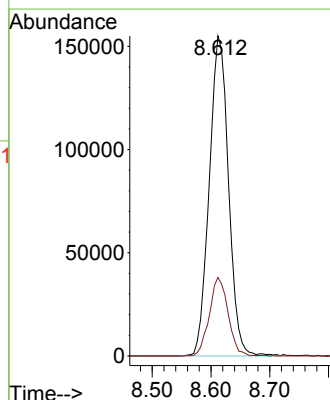
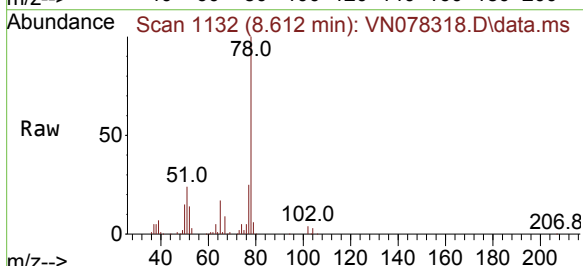
Acq: 21 Jun 2023 13:23

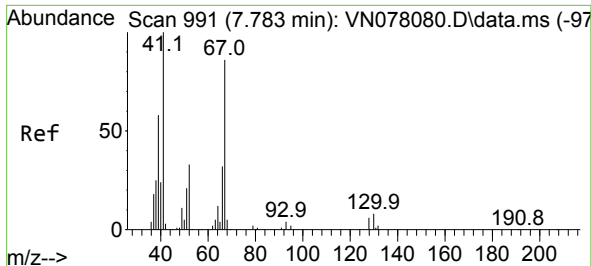
Tgt Ion: 78 Resp: 352630

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

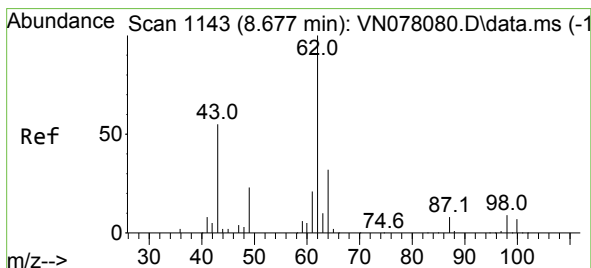
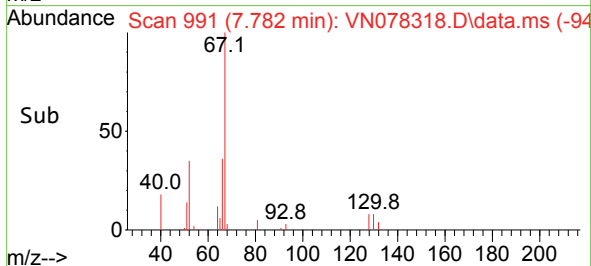
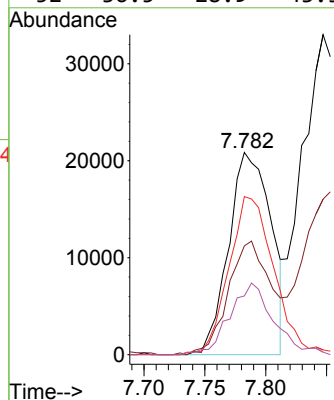
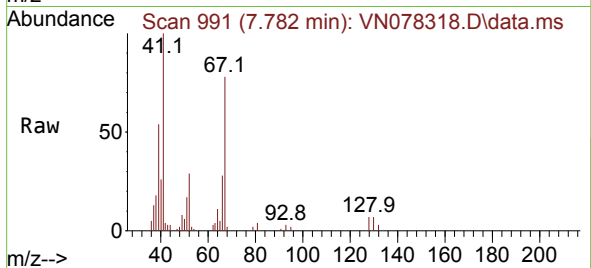




#41
Methacrylonitrile
Concen: 18.398 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

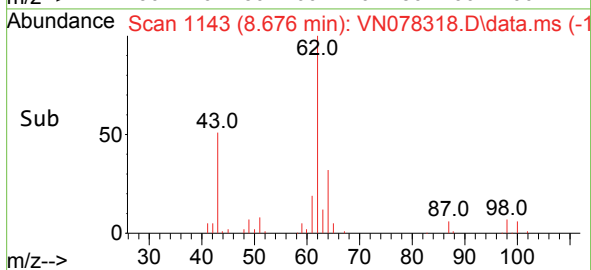
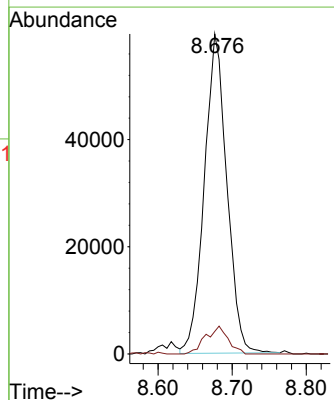
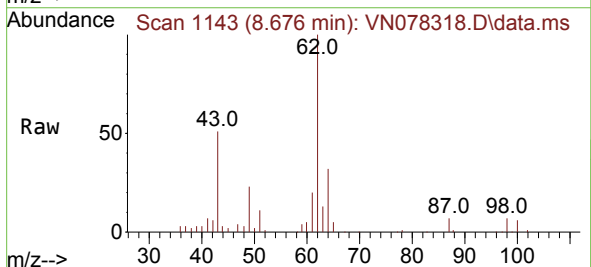
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

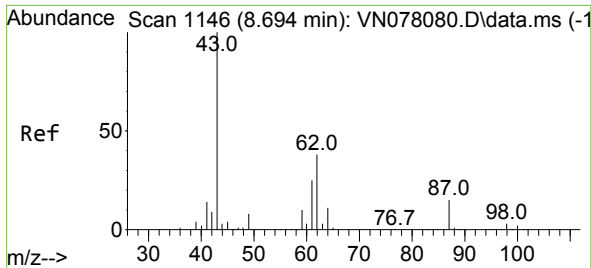
Tgt Ion:	41	Resp:	50624
Ion	Ratio	Lower	Upper
41	100		
39	55.7	42.6	64.0
67	82.9	77.5	116.3
52	36.5	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.912 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion:	62	Resp:	125796
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.8

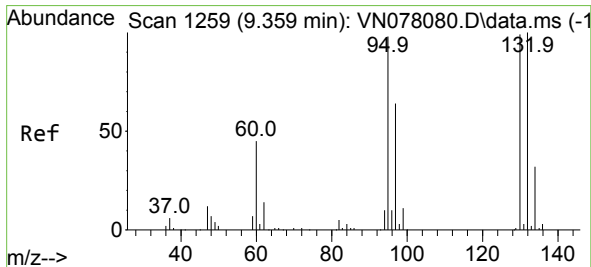
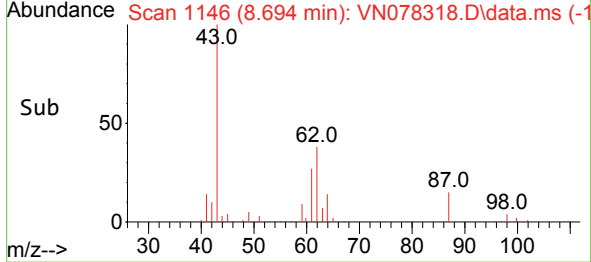
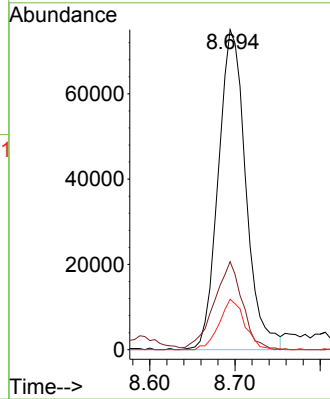
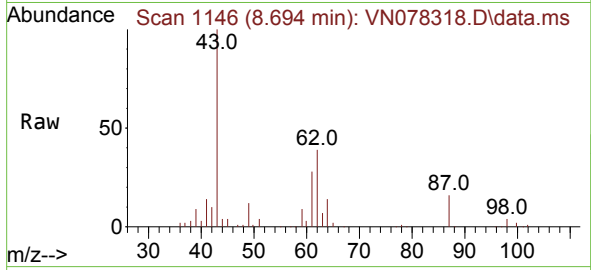




#43
Isopropyl Acetate
Concen: 17.356 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

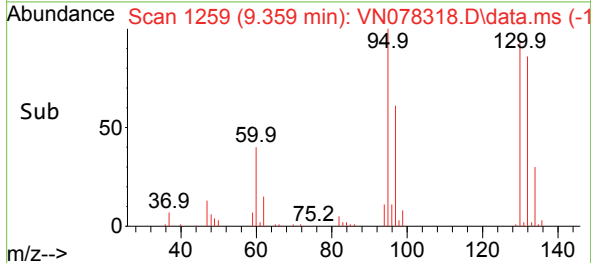
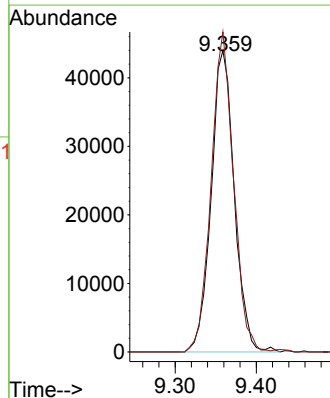
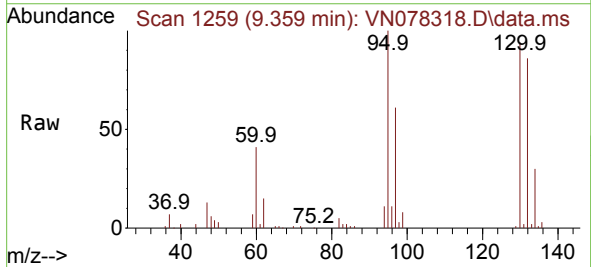
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

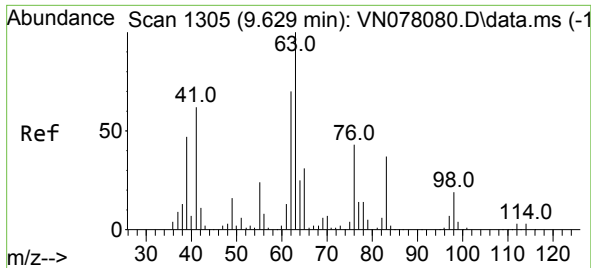
Tgt Ion: 43 Resp: 168501
Ion Ratio Lower Upper
43 100
61 28.5 24.7 37.1
87 14.6 14.6 21.8



#44
Trichloroethene
Concen: 16.986 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion:130 Resp: 87026
Ion Ratio Lower Upper
130 100
95 106.1 0.0 204.6

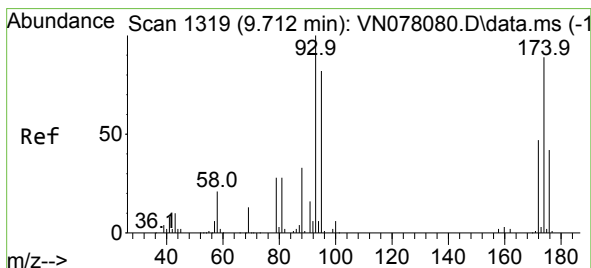
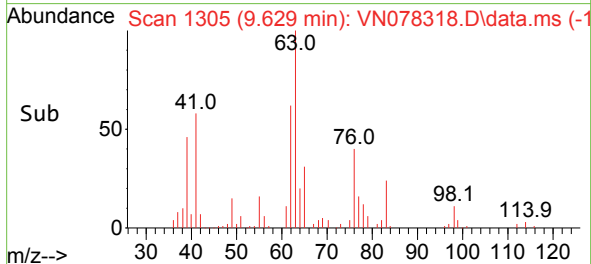
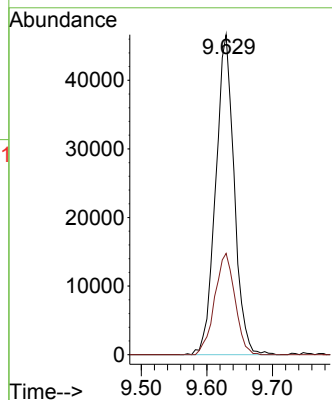
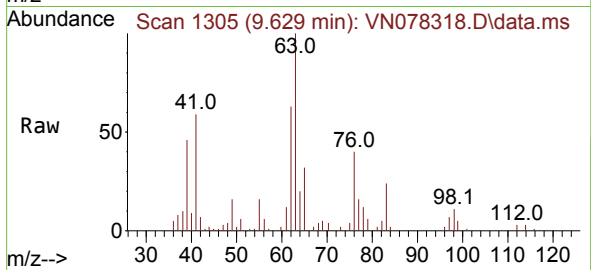




#45
1,2-Dichloropropane
Concen: 18.893 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

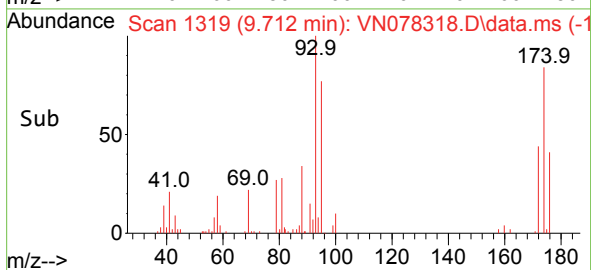
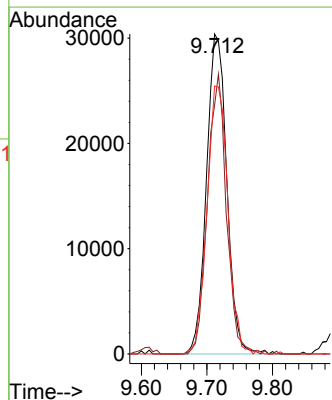
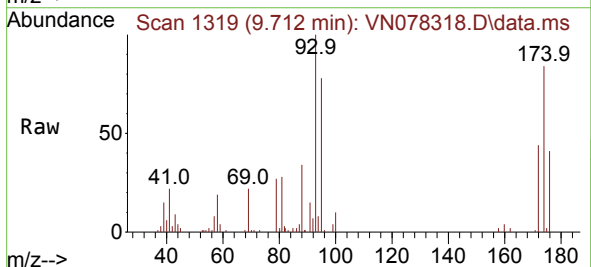
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

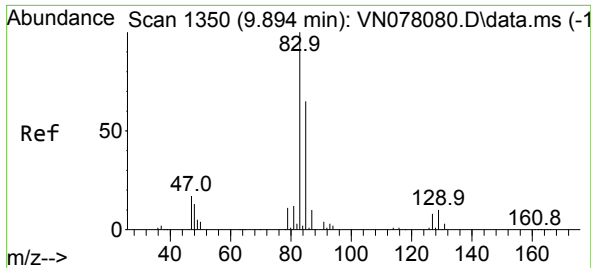
Tgt Ion: 63 Resp: 91190
Ion Ratio Lower Upper
63 100
65 31.7 23.9 35.9



#46
Dibromomethane
Concen: 18.426 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 93 Resp: 65508
Ion Ratio Lower Upper
93 100
95 81.4 63.8 95.8
174 85.8 65.6 98.4

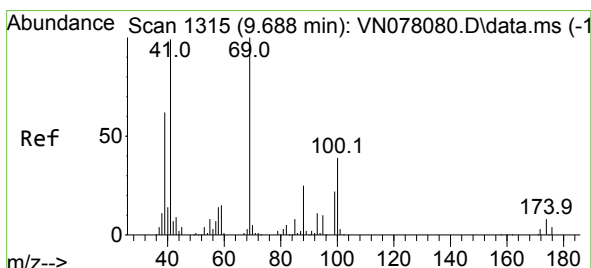
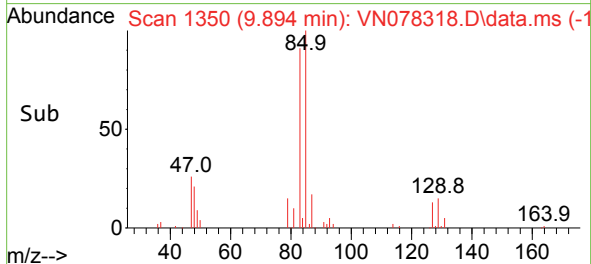
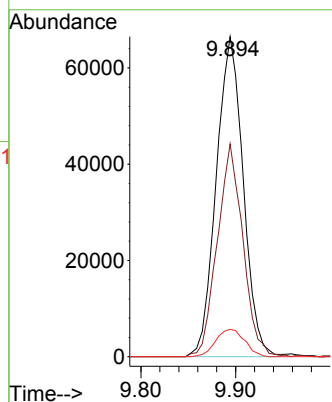
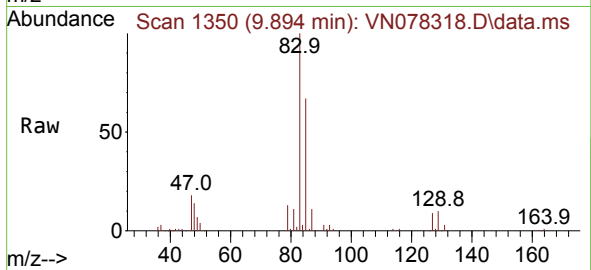




#47
Bromodichloromethane
Concen: 19.899 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

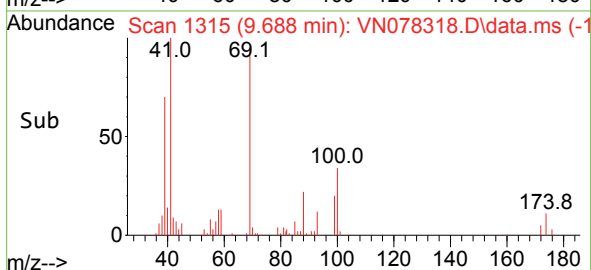
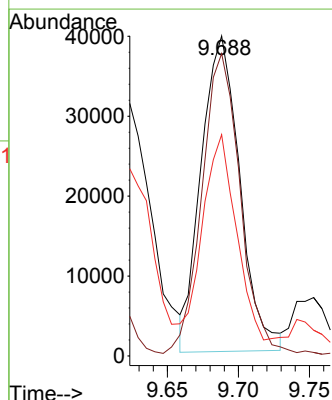
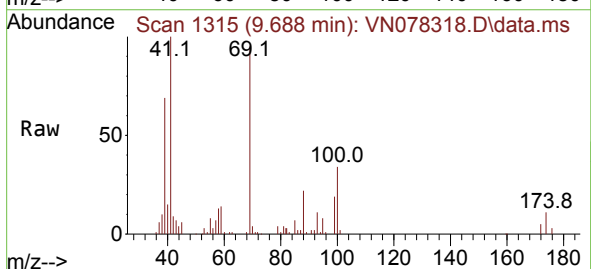
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

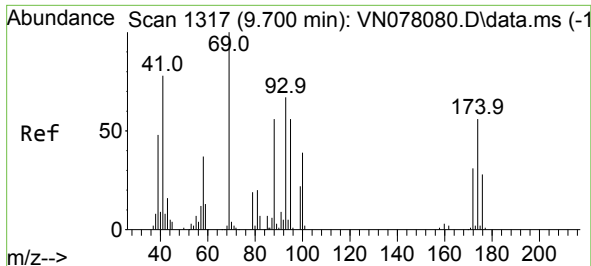
Tgt Ion: 83 Resp: 131408
Ion Ratio Lower Upper
83 100
85 66.5 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 18.300 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 41 Resp: 74557
Ion Ratio Lower Upper
41 100
69 95.4 90.4 135.6
39 67.0 54.6 81.8





#49

1,4-Dioxane

Concen: 327.045 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

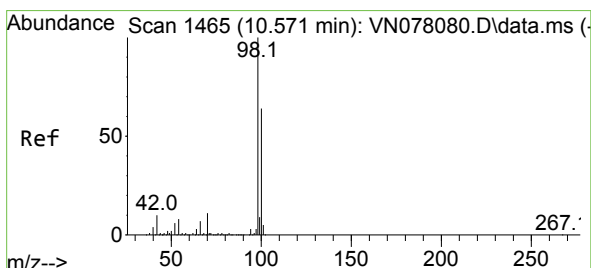
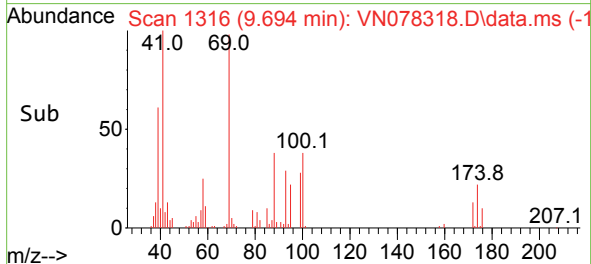
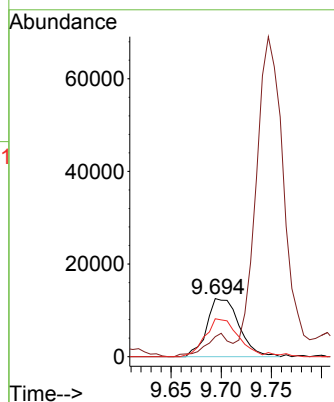
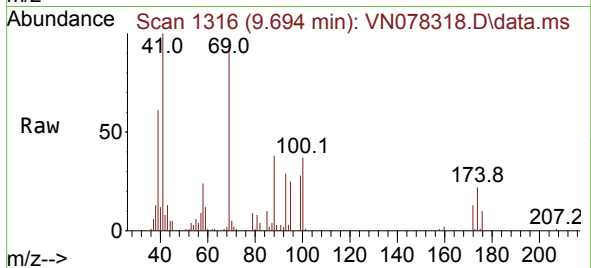
Tgt Ion: 88 Resp: 28005

Ion Ratio Lower Upper

88 100

43 29.7 17.0 25.6#

58 70.2 47.0 70.4



#50

Toluene-d8

Concen: 49.172 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078318.D

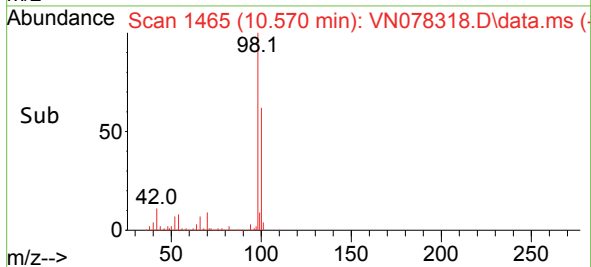
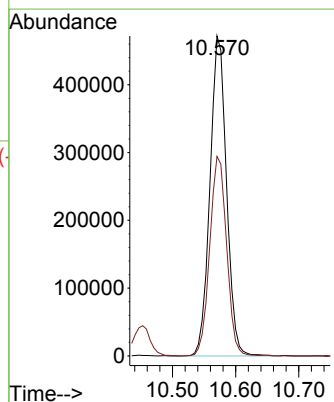
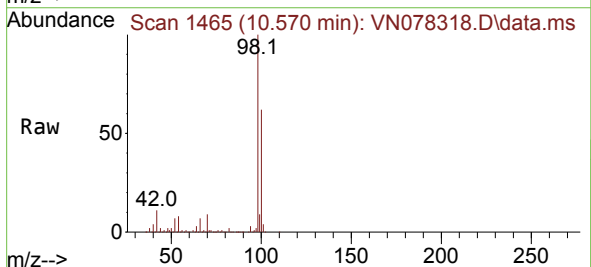
Acq: 21 Jun 2023 13:23

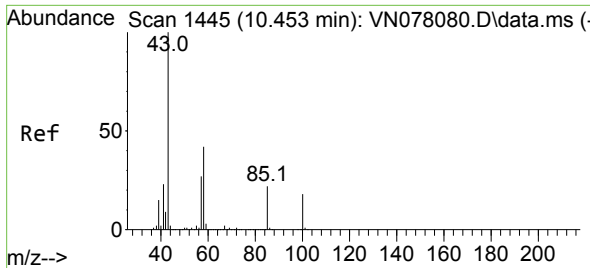
Tgt Ion: 98 Resp: 858782

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

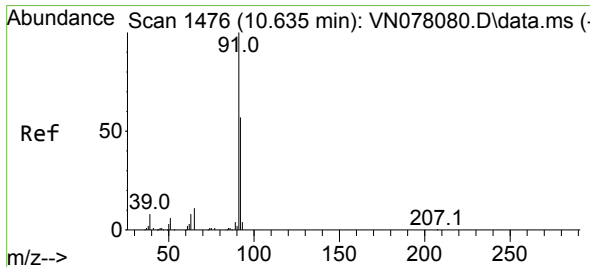
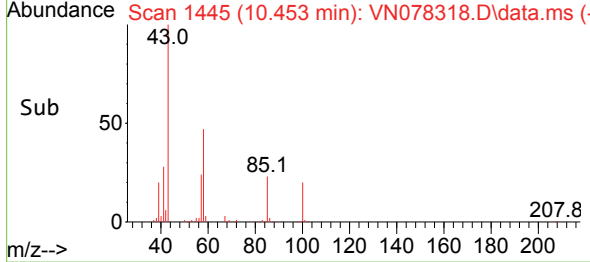
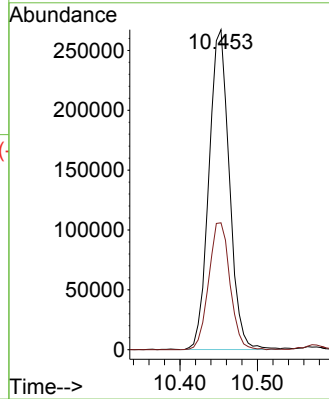
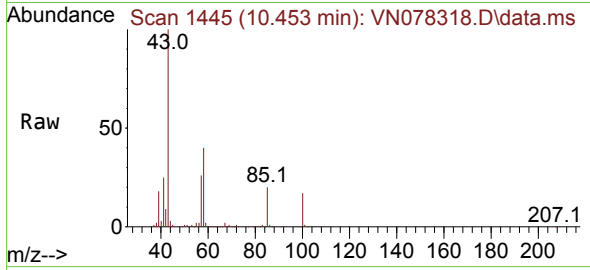




#51
4-Methyl-2-Pentanone
Concen: 95.520 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

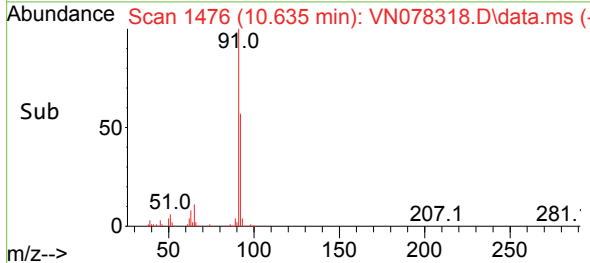
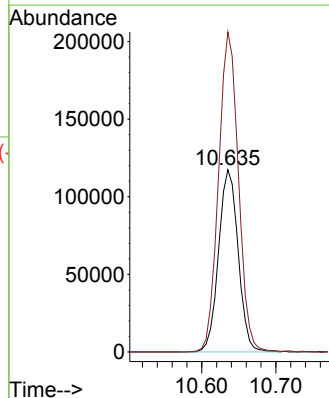
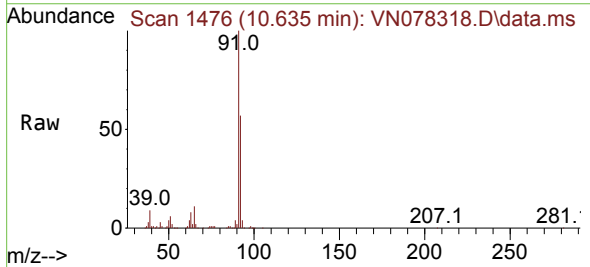
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

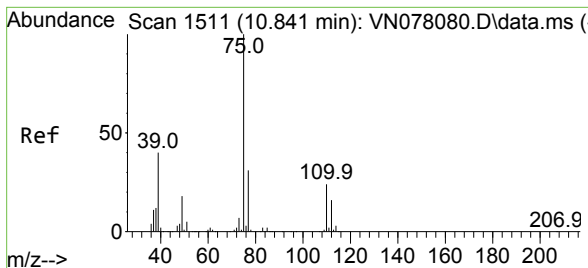
Tgt Ion: 43 Resp: 488330
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#52
Toluene
Concen: 17.595 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 92 Resp: 215511
Ion Ratio Lower Upper
92 100
91 178.4 137.4 206.0

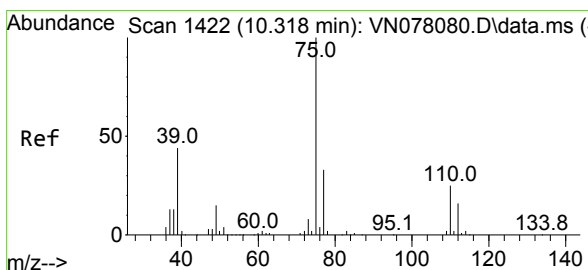
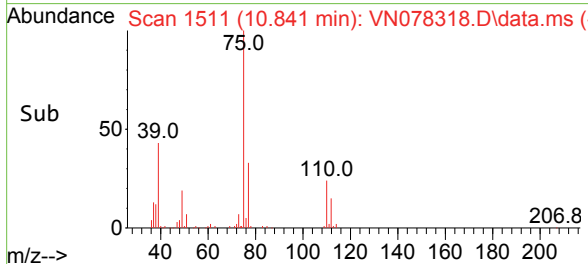
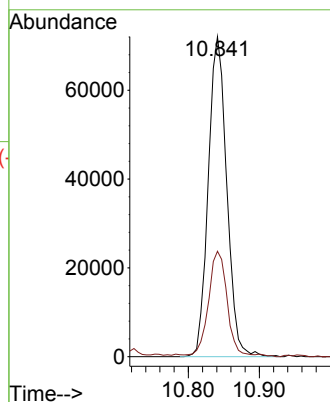
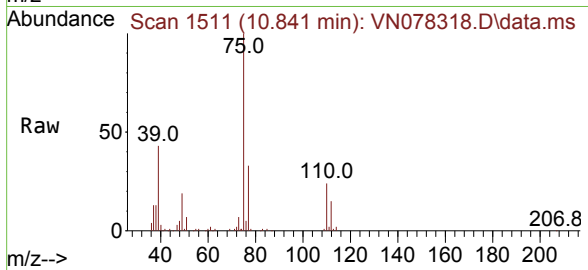




#53
t-1,3-Dichloropropene
Concen: 18.955 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

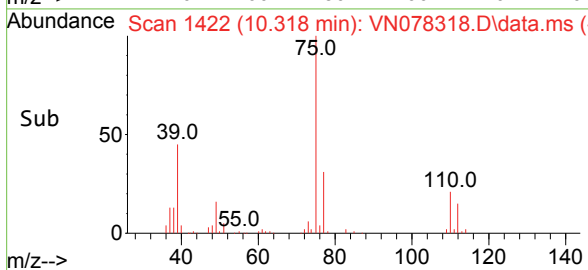
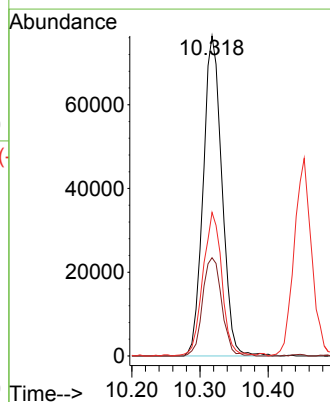
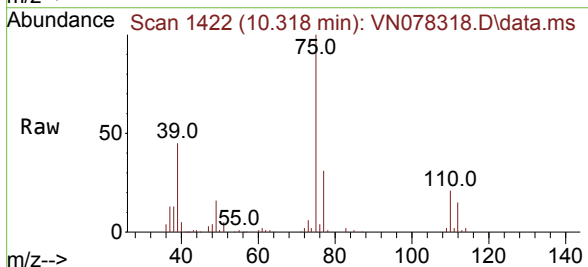
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

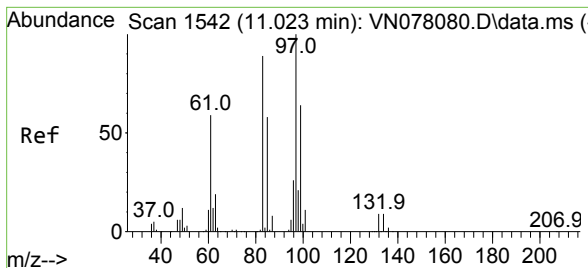
Tgt Ion: 75 Resp: 130363
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.243 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 75 Resp: 146297
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
39 44.5 31.6 47.4

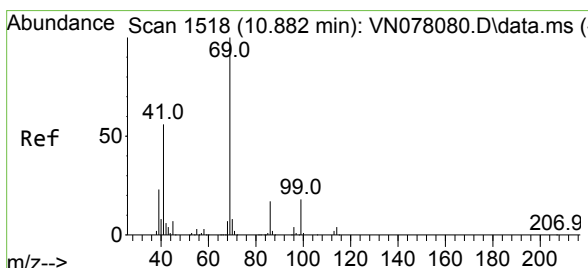
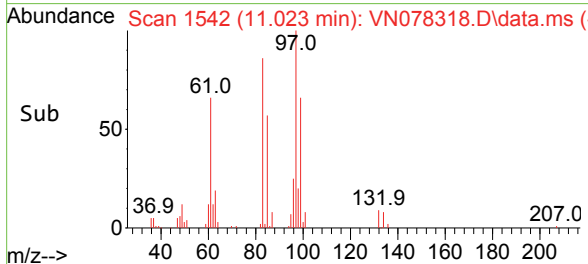
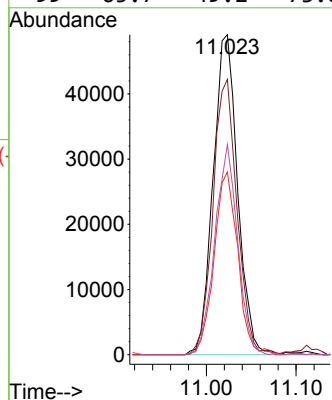
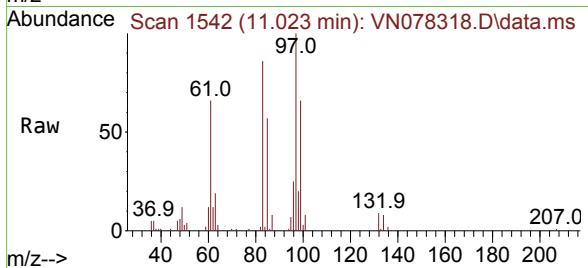




#55
1,1,2-Trichloroethane
Concen: 20.043 ug/l
RT: 11.023 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

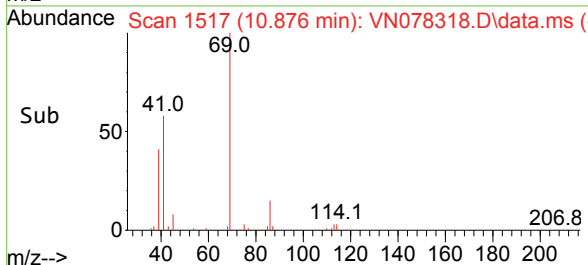
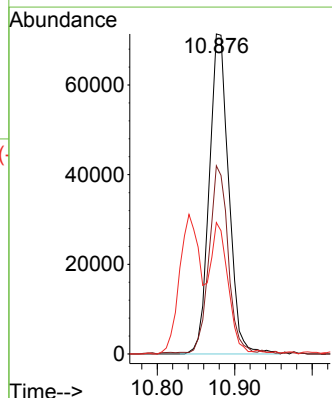
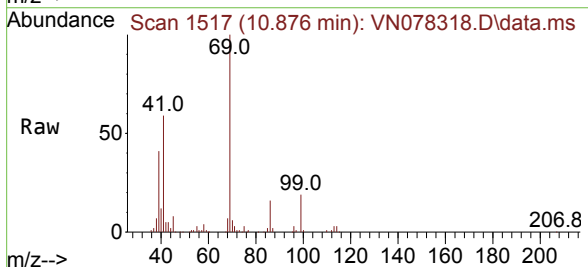
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

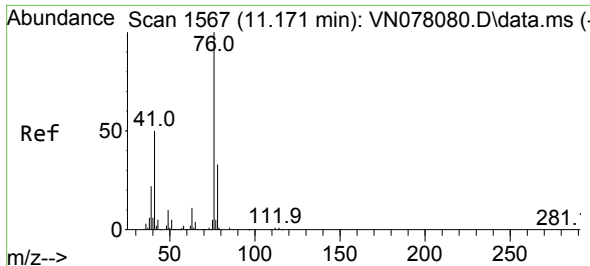
Tgt Ion:	97	Resp:	92869
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.1	97.7
85	57.1	43.4	65.2
99	65.7	49.2	73.8



#56
Ethyl methacrylate
Concen: 18.457 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion:	69	Resp:	124525
Ion	Ratio	Lower	Upper
69	100		
41	56.2	39.6	59.4
39	33.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.267 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

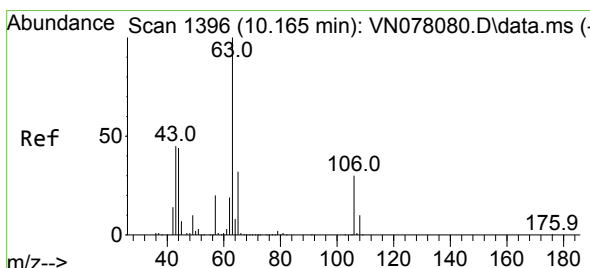
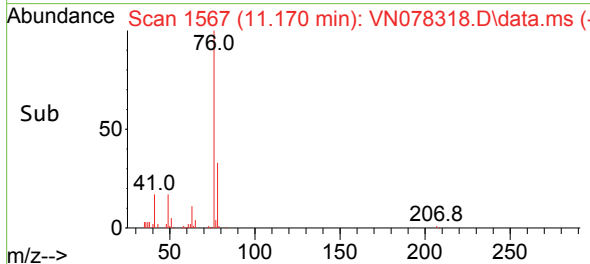
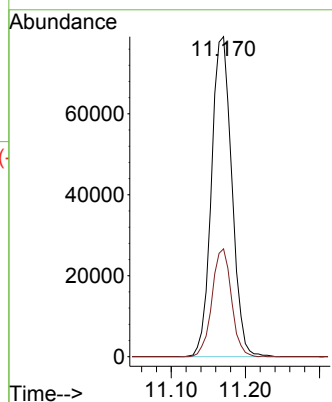
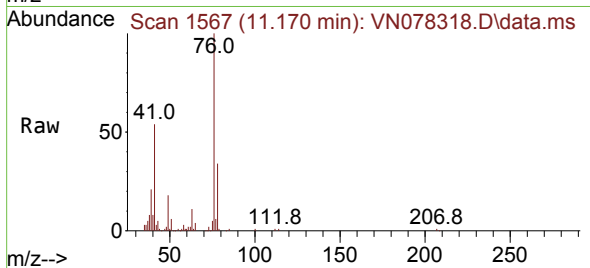
VN0621WBS01

Tgt Ion: 76 Resp: 150687

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 87.319 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078318.D

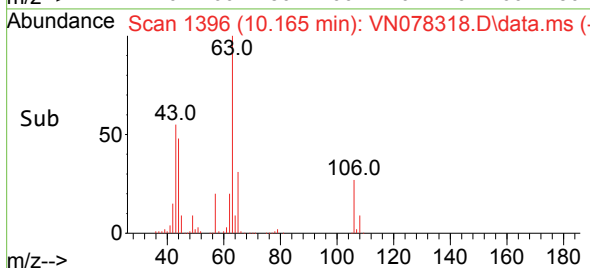
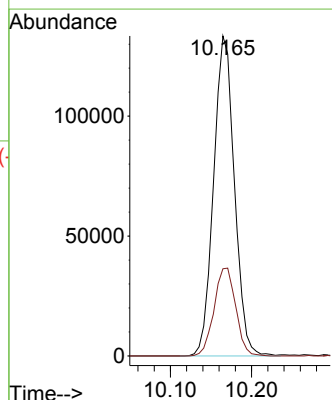
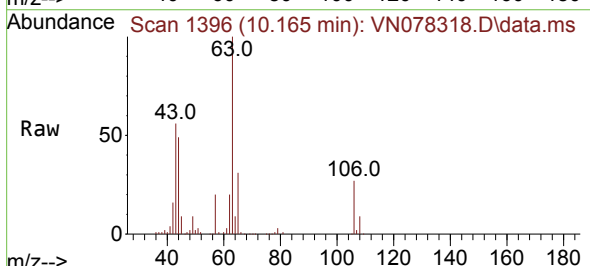
Acq: 21 Jun 2023 13:23

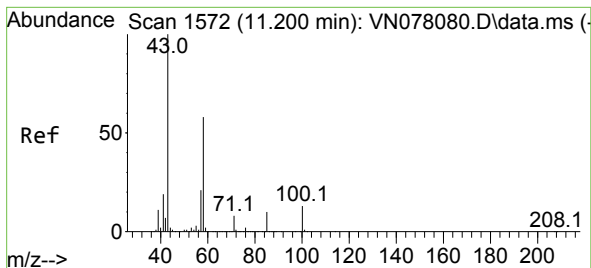
Tgt Ion: 63 Resp: 237985

Ion Ratio Lower Upper

63 100

106 28.5 26.2 39.4

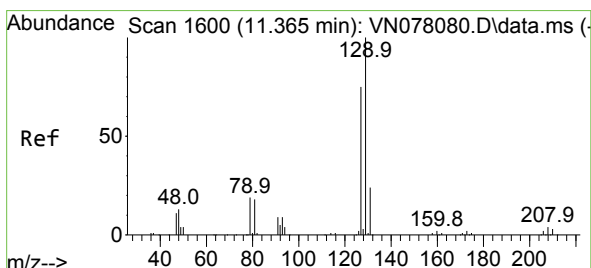
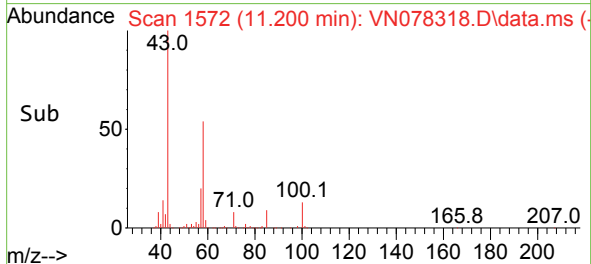
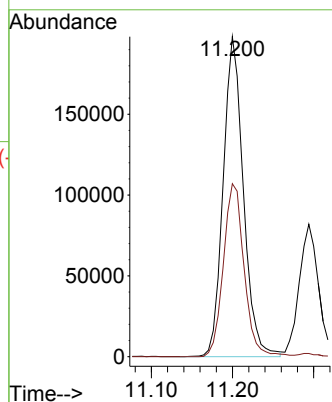
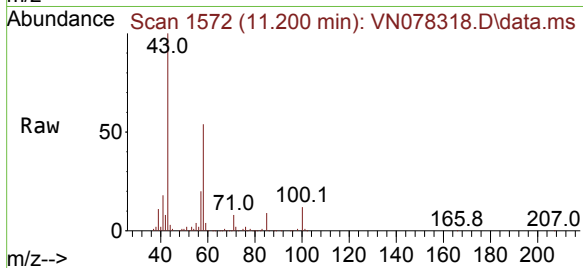




#59
2-Hexanone
Concen: 96.253 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

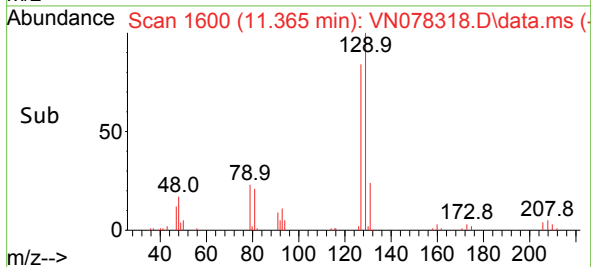
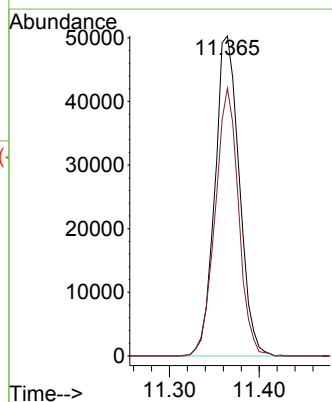
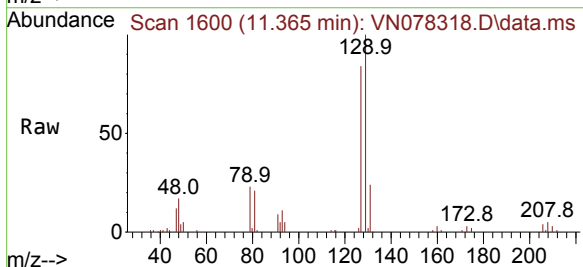
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

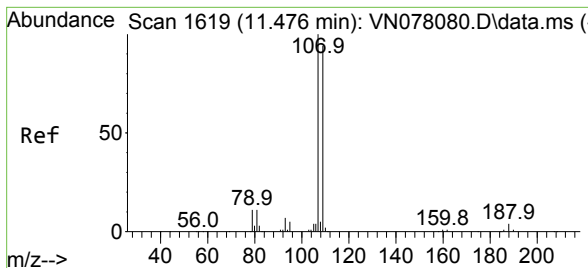
Tgt Ion: 43 Resp: 342630
Ion Ratio Lower Upper
43 100
58 55.5 31.7 95.1



#60
Dibromochloromethane
Concen: 18.706 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 129 Resp: 94844
Ion Ratio Lower Upper
129 100
127 80.5 38.6 116.0

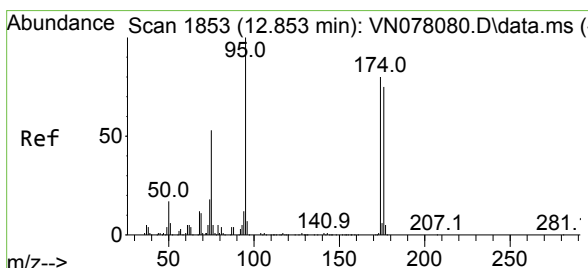
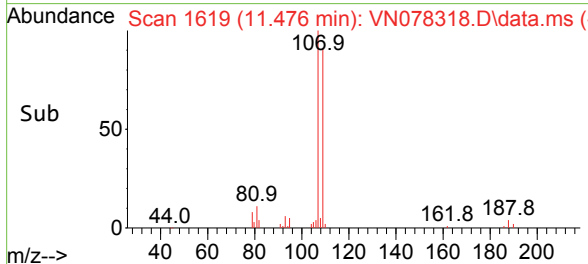
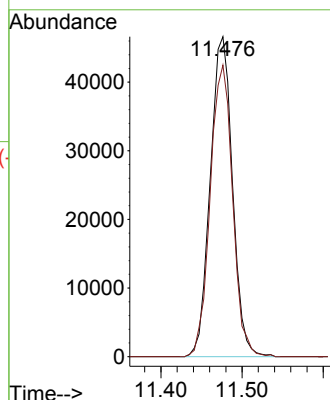
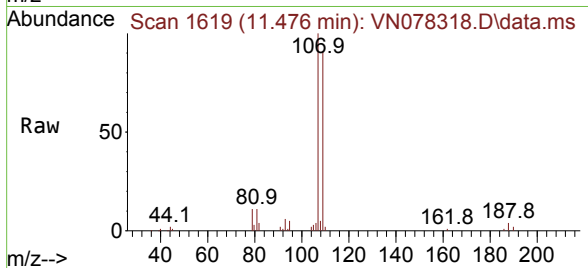




#61
1,2-Dibromoethane
Concen: 18.261 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

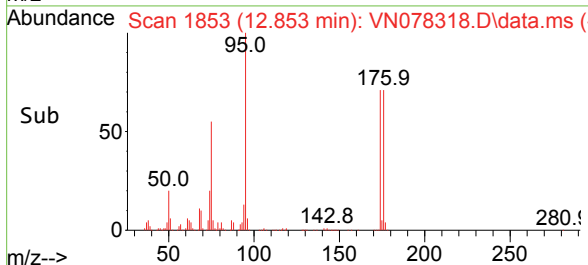
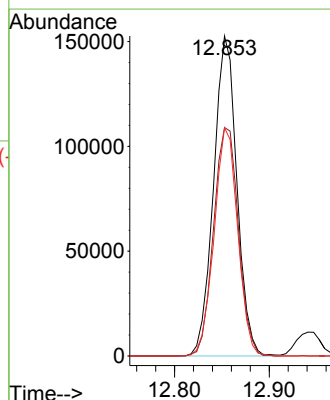
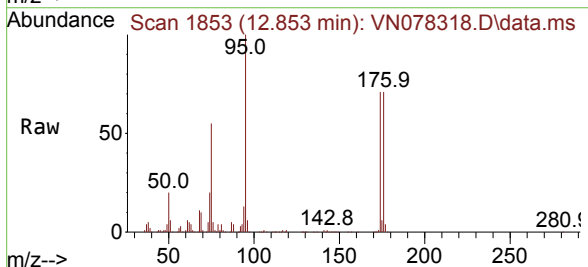
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

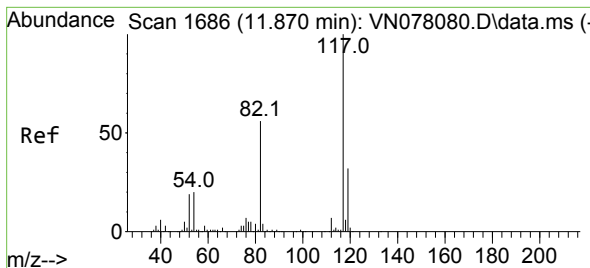
Tgt Ion:107 Resp: 88795
Ion Ratio Lower Upper
107 100
109 91.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.055 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 95 Resp: 260911
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 72.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

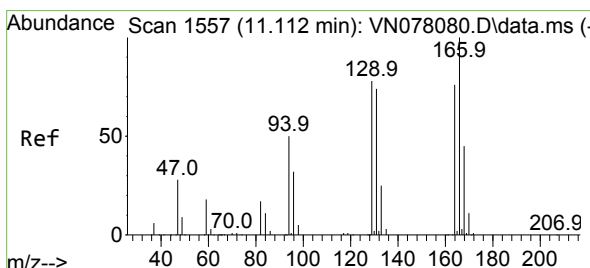
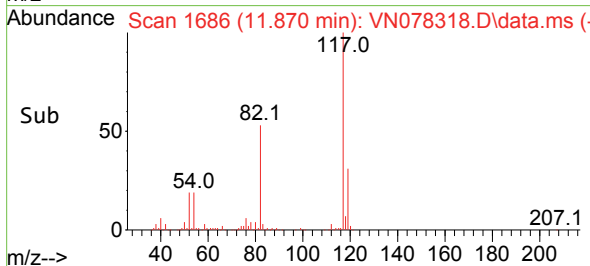
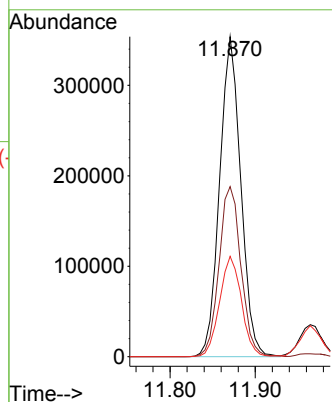
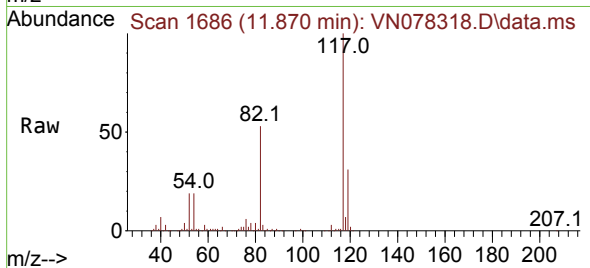
Tgt Ion:117 Resp: 611245

Ion Ratio Lower Upper

117 100

82 53.2 44.0 66.0

119 31.3 25.6 38.4



#64

Tetrachloroethene

Concen: 16.518 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Tgt Ion:164 Resp: 67357

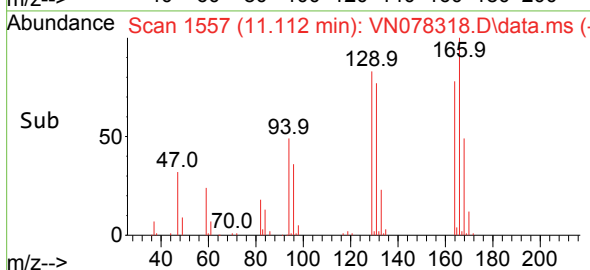
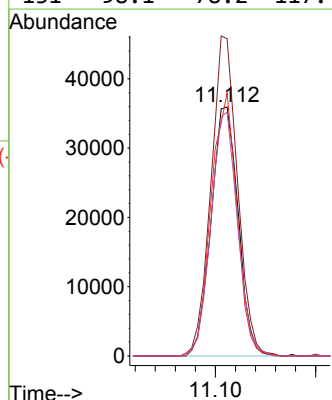
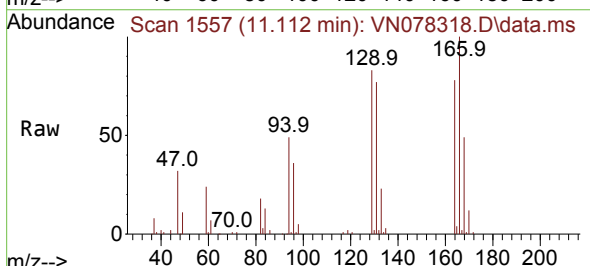
Ion Ratio Lower Upper

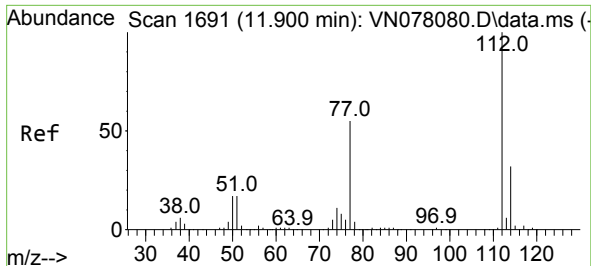
164 100

166 127.5 101.4 152.0

129 105.6 82.4 123.6

131 98.1 78.2 117.4

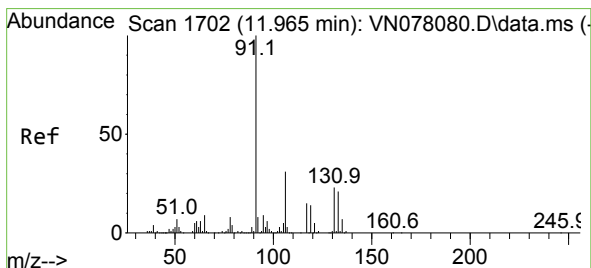
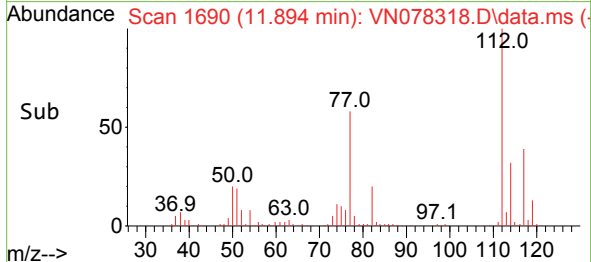
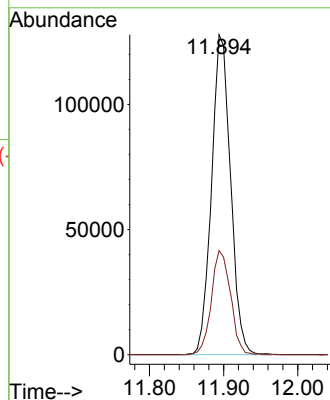
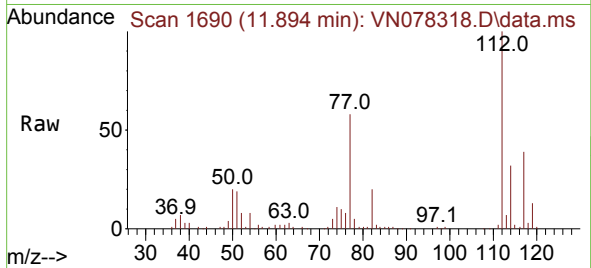




#65
Chlorobenzene
Concen: 17.423 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

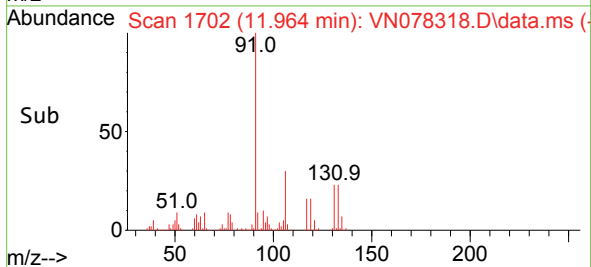
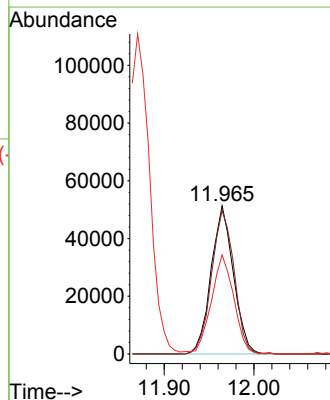
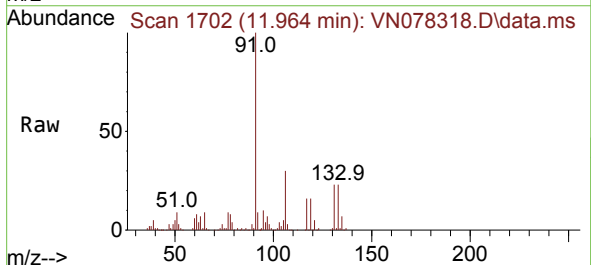
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

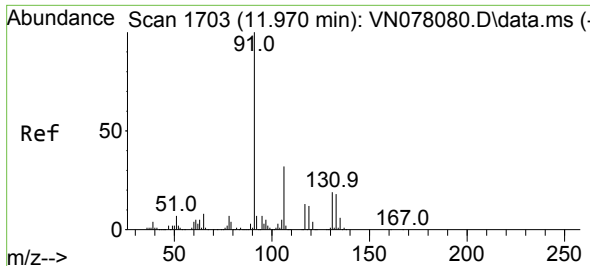
Tgt Ion:112 Resp: 228068
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.453 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion:131 Resp: 88845
Ion Ratio Lower Upper
131 100
133 97.9 46.4 139.1
119 67.2 34.1 102.2

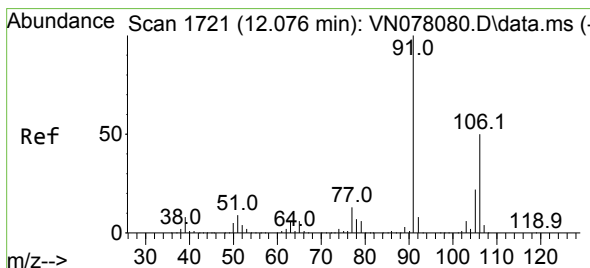
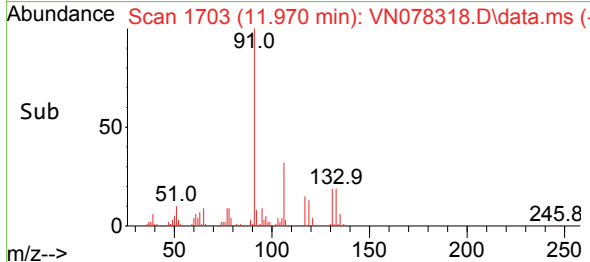
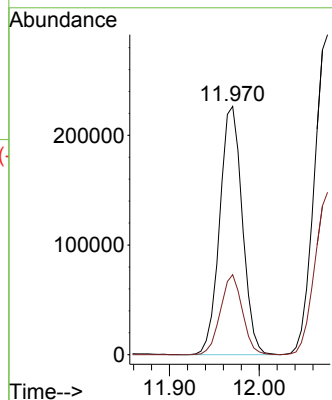
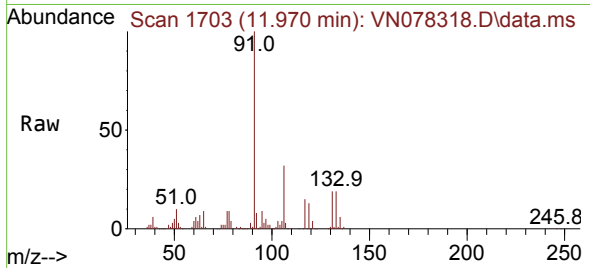




#67
Ethyl Benzene
Concen: 17.528 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

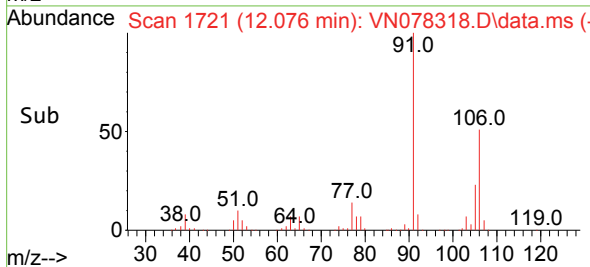
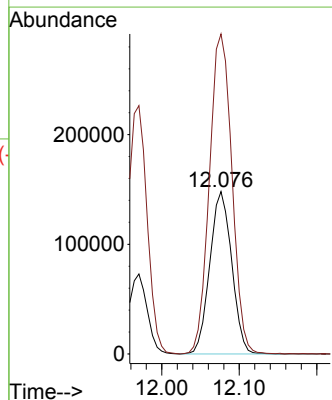
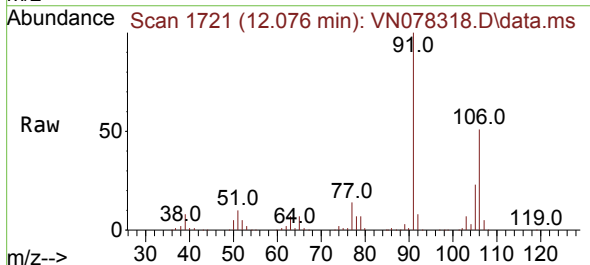
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

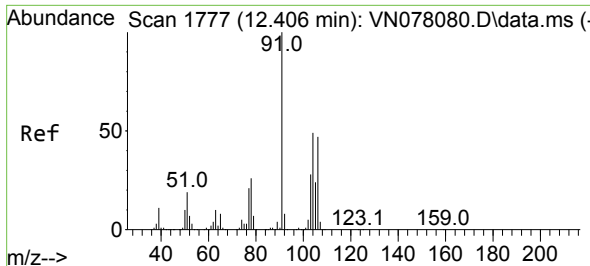
Tgt Ion: 91 Resp: 395901
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 33.781 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion:106 Resp: 290786
Ion Ratio Lower Upper
106 100
91 202.7 159.6 239.4

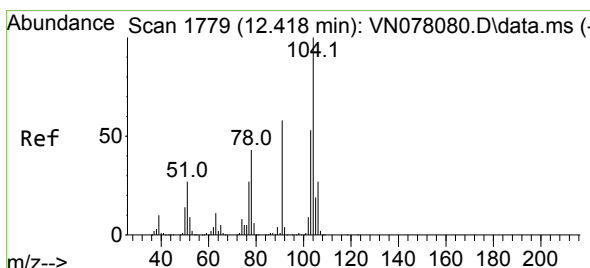
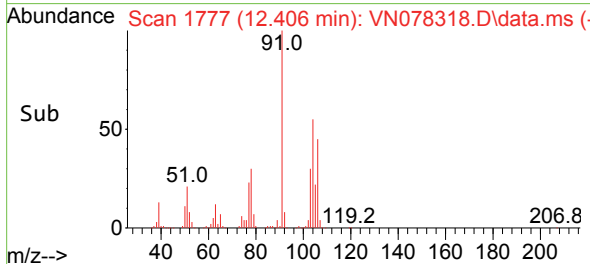
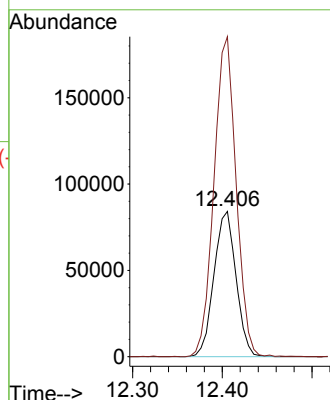
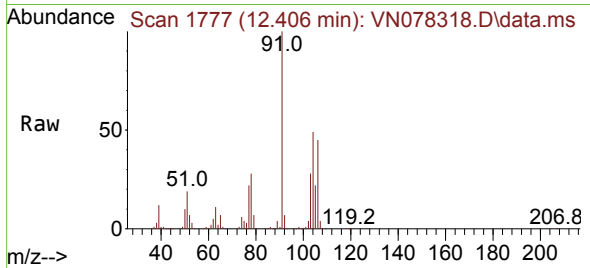




#69
o-Xylene
Concen: 17.004 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

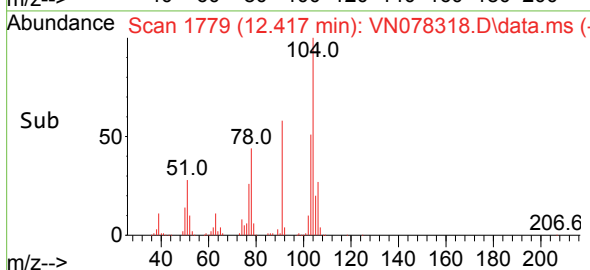
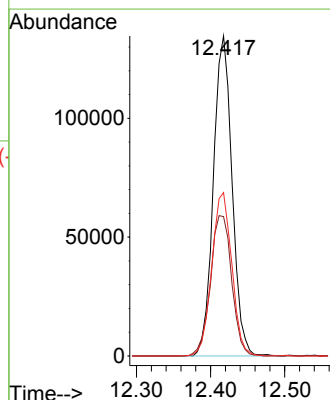
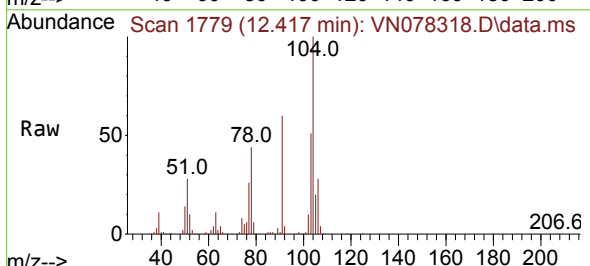
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

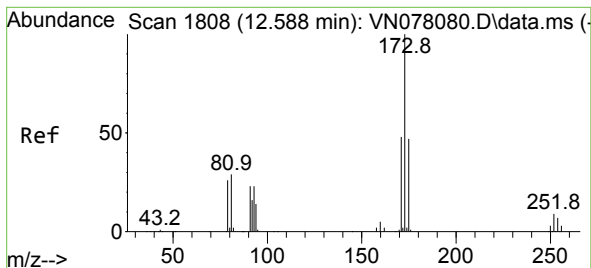
Tgt Ion:106 Resp: 143740
Ion Ratio Lower Upper
106 100
91 221.4 105.2 315.5



#70
Styrene
Concen: 17.748 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion:104 Resp: 236184
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 54.8 43.2 64.8





#71

Bromoform

Concen: 18.839 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

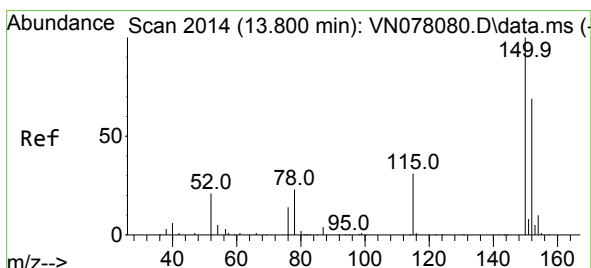
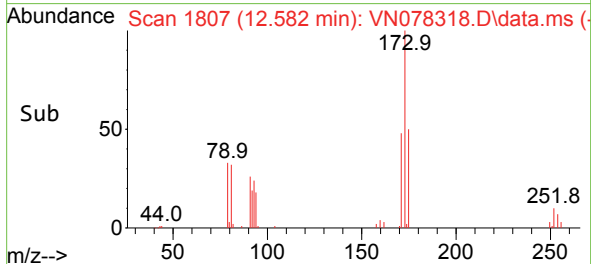
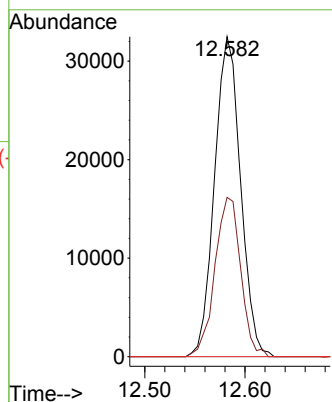
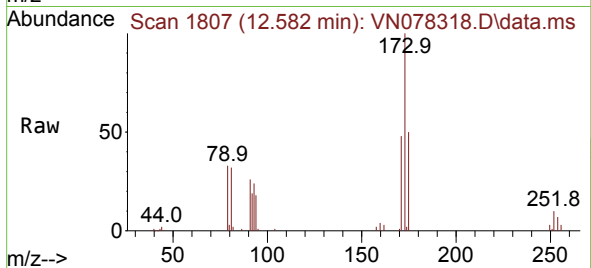
Tgt Ion:173 Resp: 58533

Ion Ratio Lower Upper

173 100

175 49.4 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

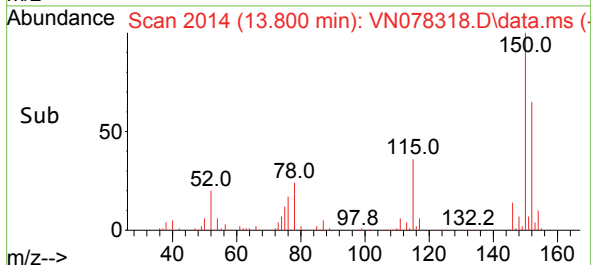
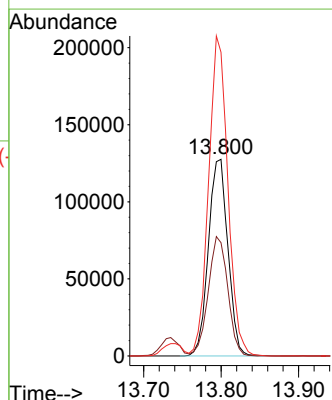
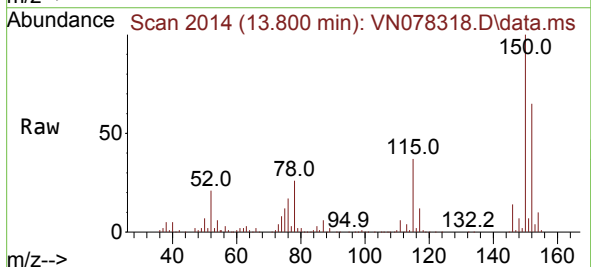
Tgt Ion:152 Resp: 223068

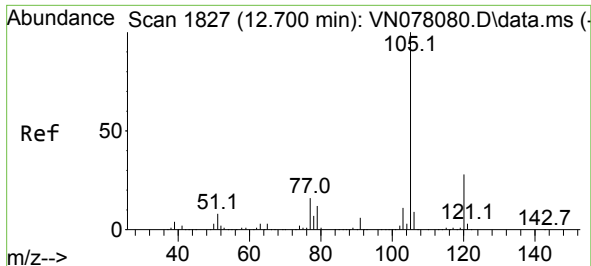
Ion Ratio Lower Upper

152 100

115 60.7 32.3 96.8

150 160.3 0.0 355.8

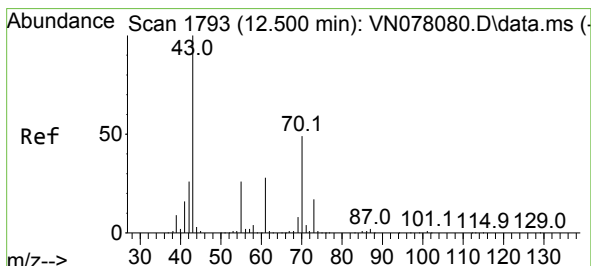
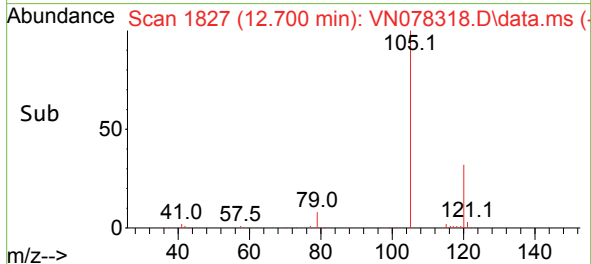
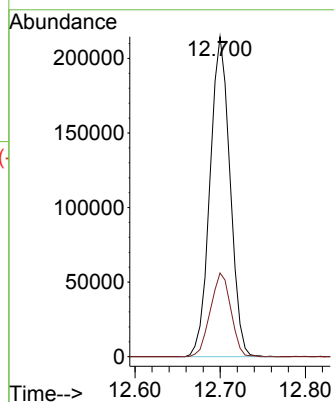
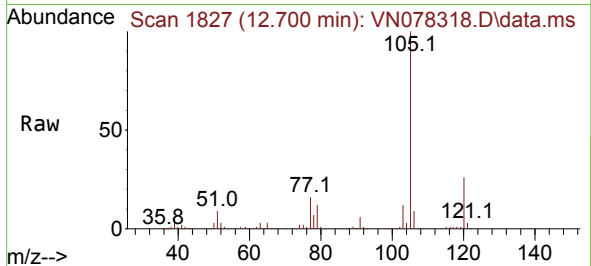




#73
Isopropylbenzene
Concen: 16.618 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

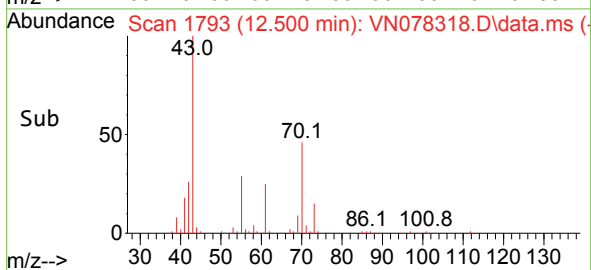
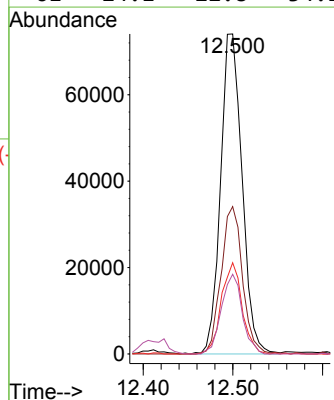
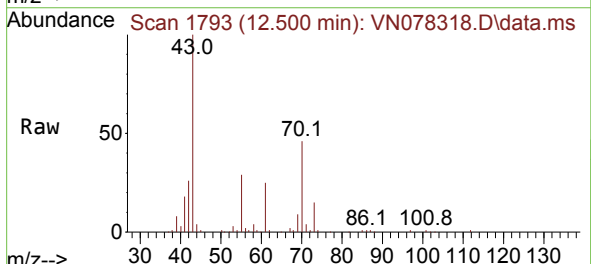
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

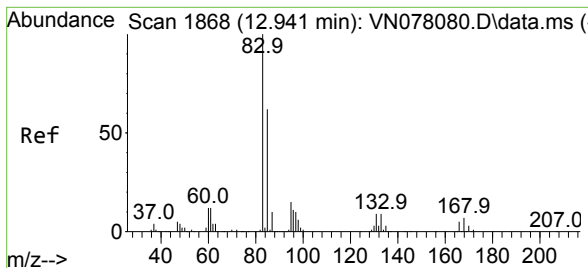
Tgt Ion:105 Resp: 350530
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1



#74
N-ethyl acetate
Concen: 17.771 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 43 Resp: 123445
Ion Ratio Lower Upper
43 100
70 45.9 43.4 65.2
55 27.6 21.4 32.0
61 24.1 22.8 34.2

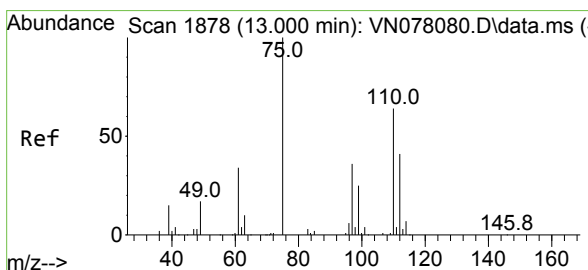
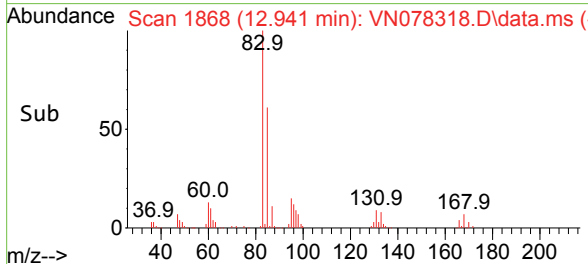
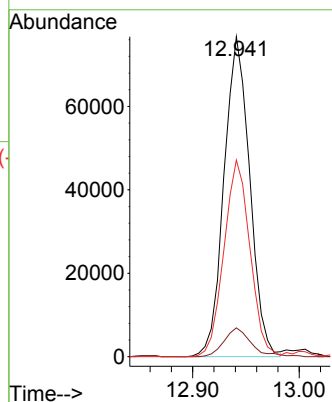
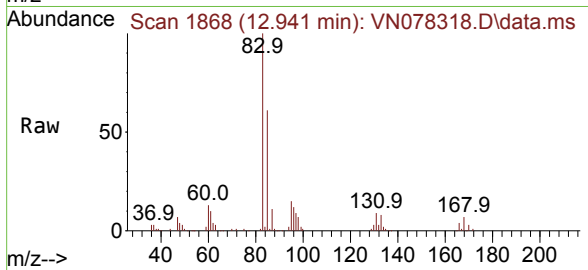




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.763 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN078318.D
 Acq: 21 Jun 2023 13:23

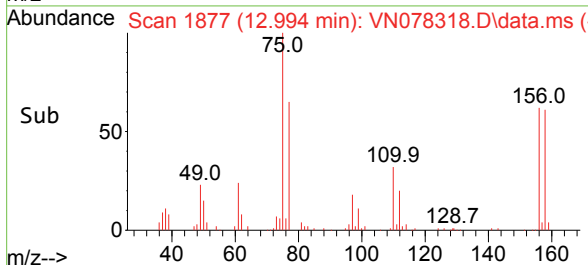
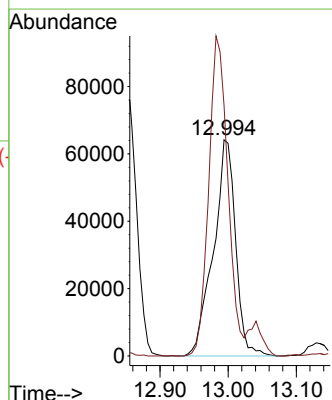
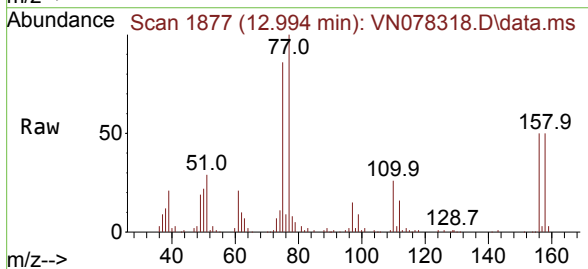
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

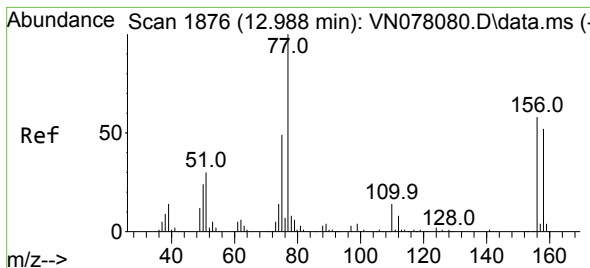
Tgt Ion: 83 Resp: 128765
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 15.0
 85 62.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 27.561 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN078318.D
 Acq: 21 Jun 2023 13:23

Tgt Ion: 75 Resp: 145340
 Ion Ratio Lower Upper
 75 100
 77 127.9 84.5 253.5





#77

Bromobenzene

Concen: 17.302 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

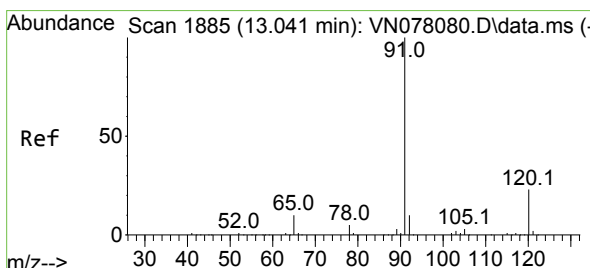
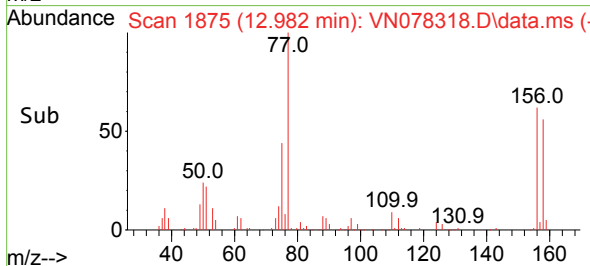
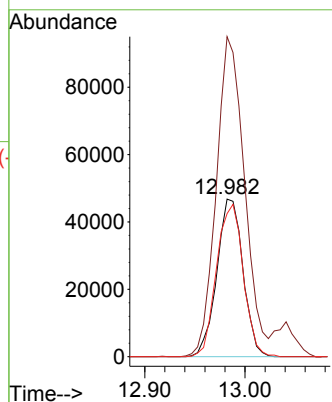
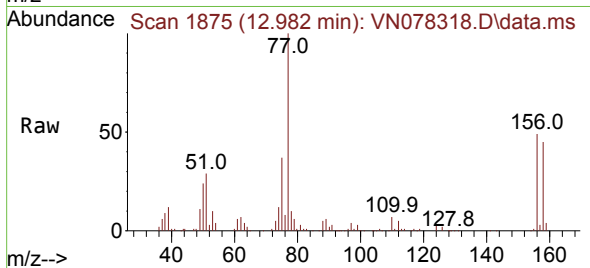
Tgt Ion:156 Resp: 84721

Ion Ratio Lower Upper

156 100

77 219.4 107.7 323.3

158 98.7 48.4 145.3



#78

n-propylbenzene

Concen: 16.806 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078318.D

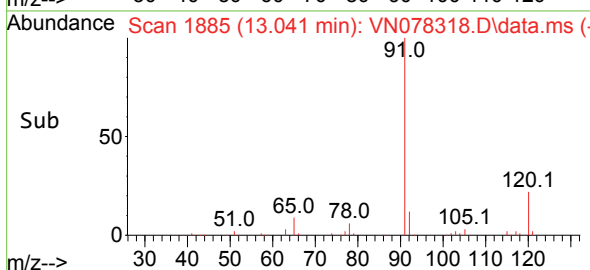
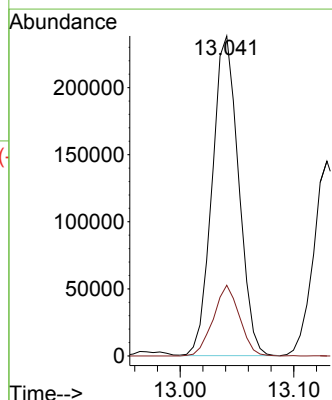
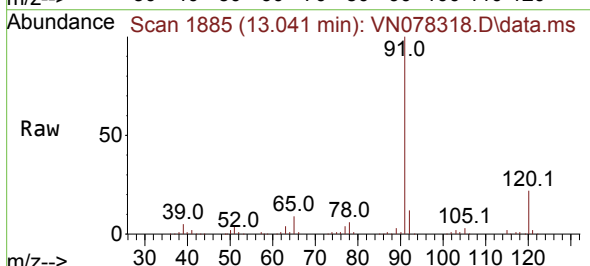
Acq: 21 Jun 2023 13:23

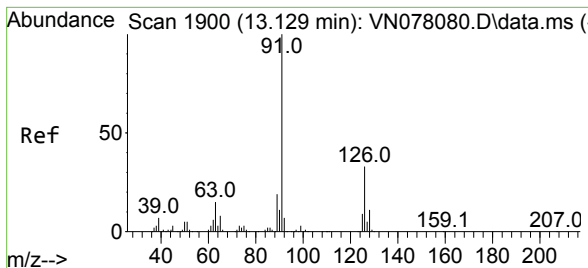
Tgt Ion: 91 Resp: 385164

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 16.546 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

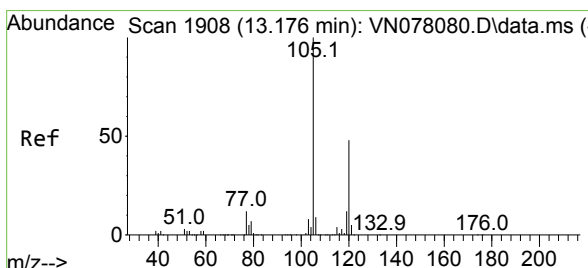
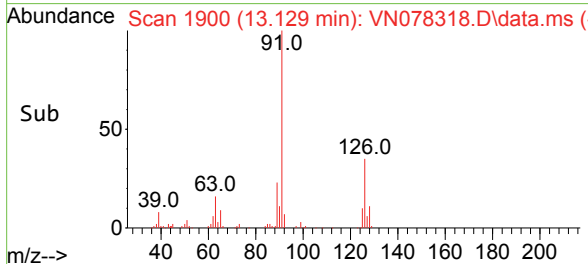
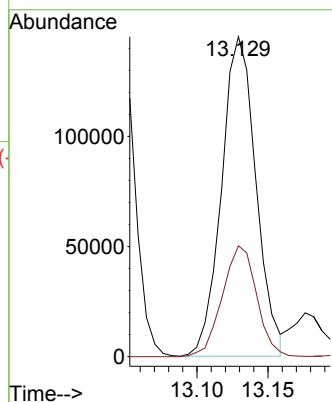
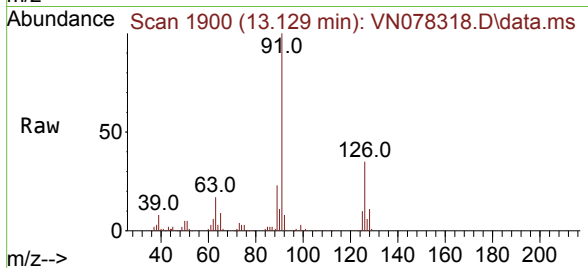
VN0621WBS01

Tgt Ion: 91 Resp: 244775

Ion Ratio Lower Upper

91 100

126 34.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 16.664 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN078318.D

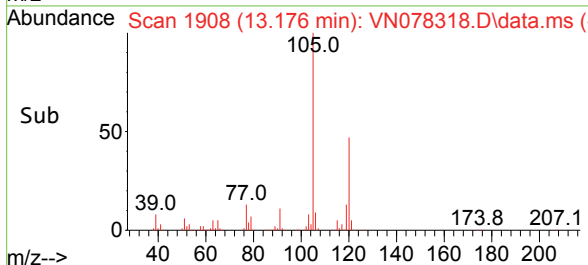
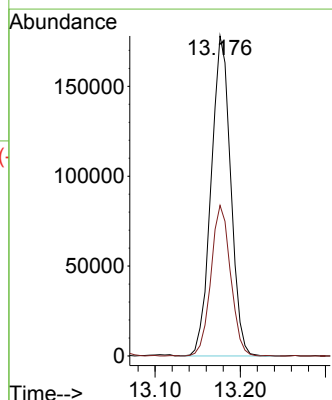
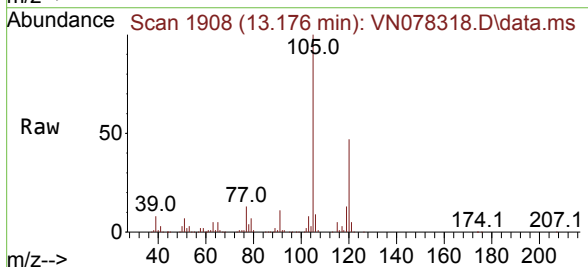
Acq: 21 Jun 2023 13:23

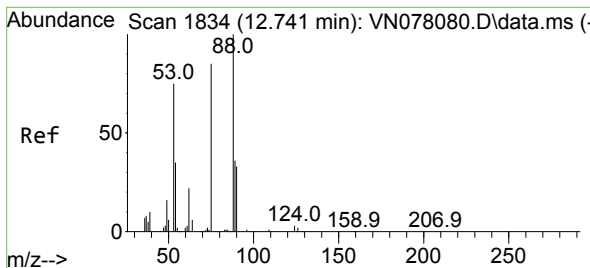
Tgt Ion:105 Resp: 284592

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.3

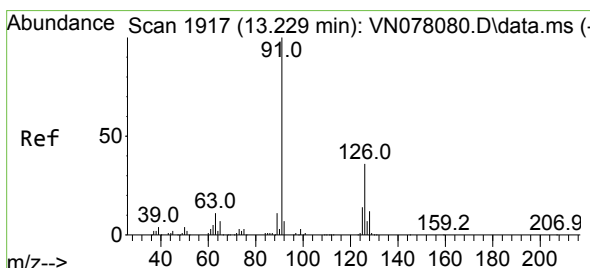
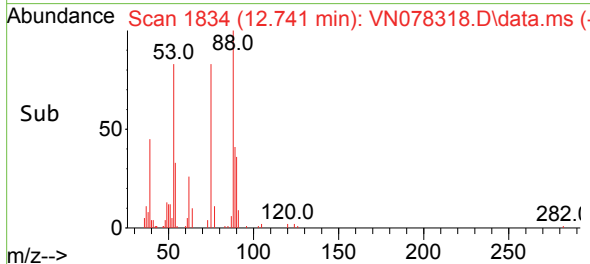
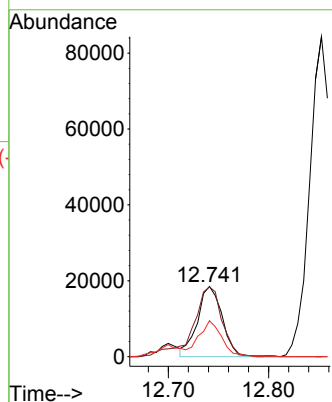
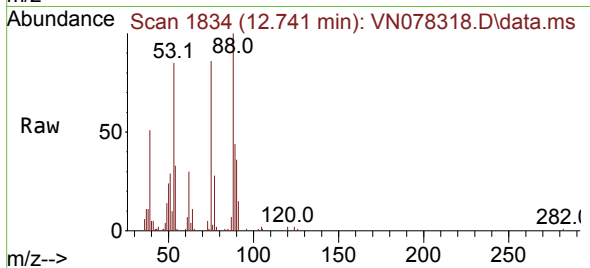




#81
trans-1,4-Dichloro-2-butene
Concen: 18.540 ug/l
RT: 12.741 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

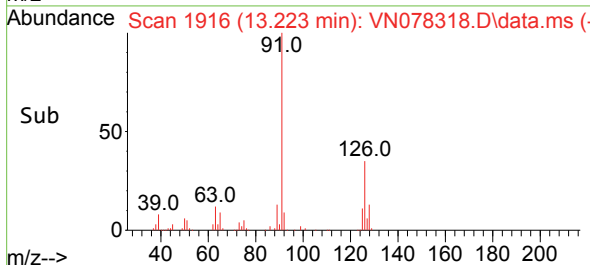
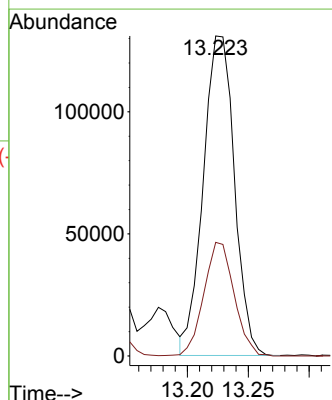
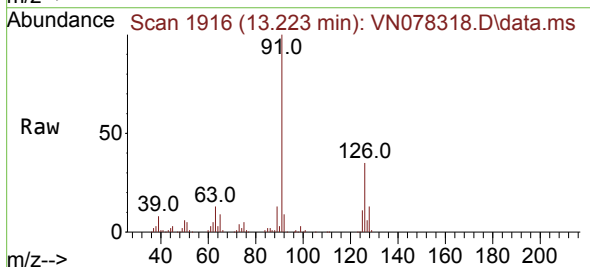
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

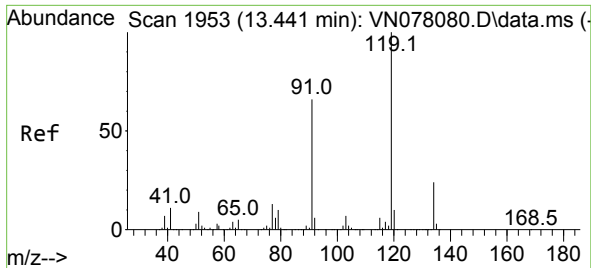
Tgt Ion: 75 Resp: 31823
Ion Ratio Lower Upper
75 100
53 116.4 67.4 101.2#
89 46.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 16.842 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 91 Resp: 232533
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0

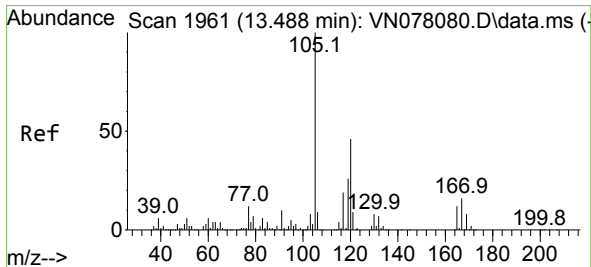
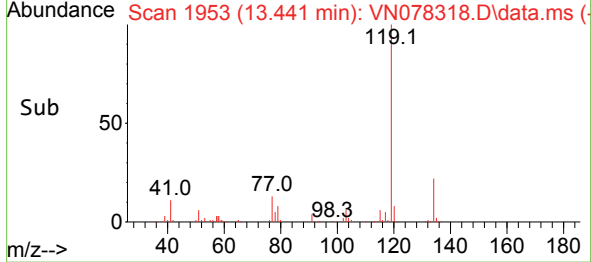
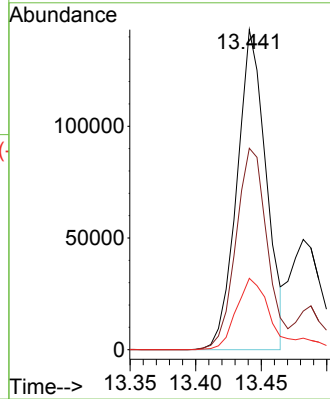
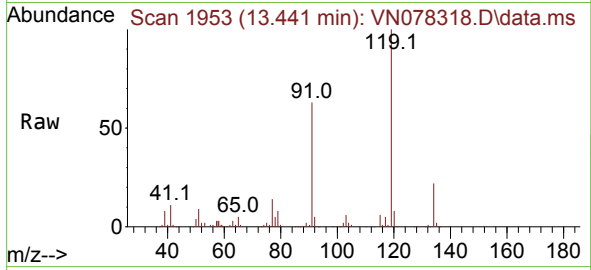




#83
tert-Butylbenzene
Concen: 14.977 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

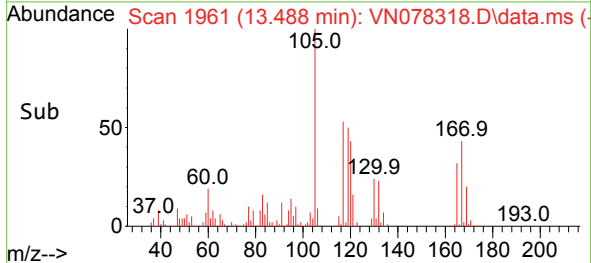
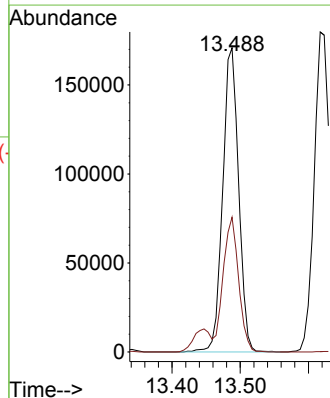
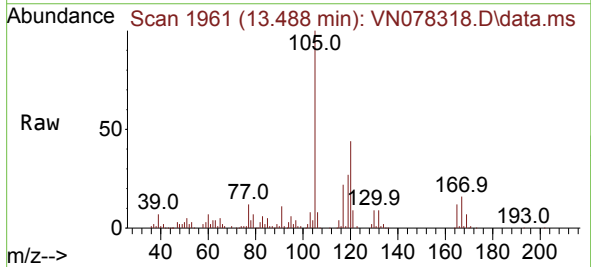
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

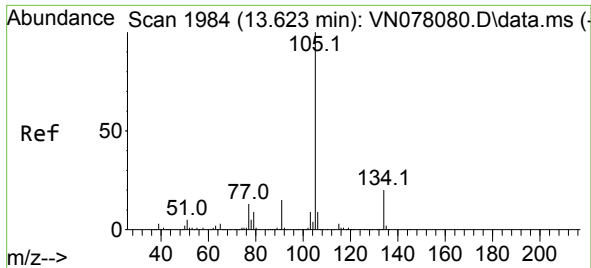
Tgt Ion:119 Resp: 222344
Ion Ratio Lower Upper
119 100
91 67.6 33.9 101.7
134 27.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 16.766 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion:105 Resp: 277610
Ion Ratio Lower Upper
105 100
120 43.3 22.0 66.0

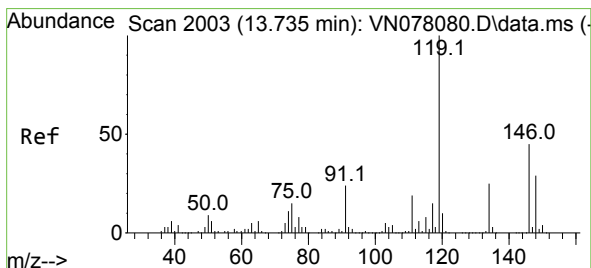
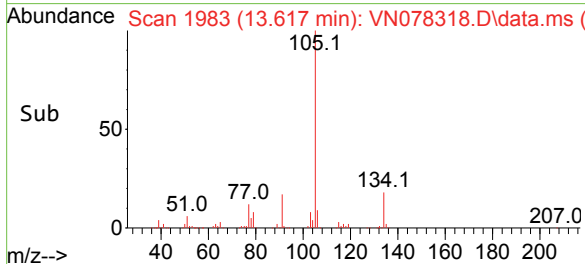
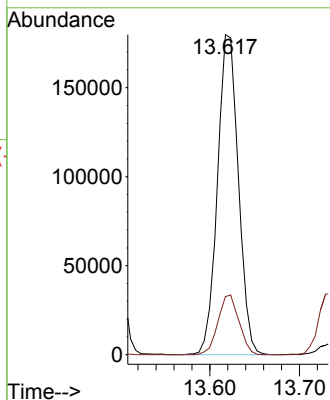
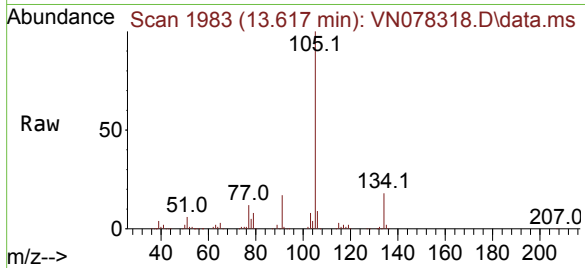




#85
 sec-Butylbenzene
 Concen: 14.976 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078318.D
 Acq: 21 Jun 2023 13:23

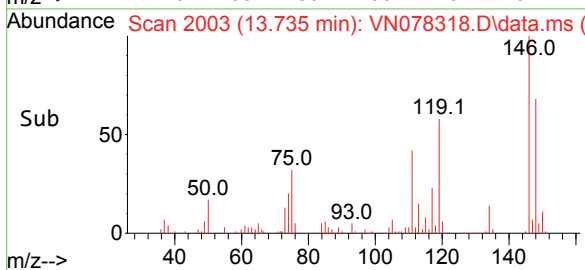
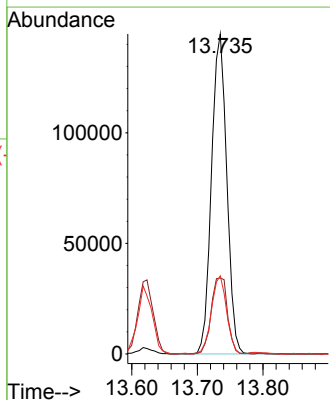
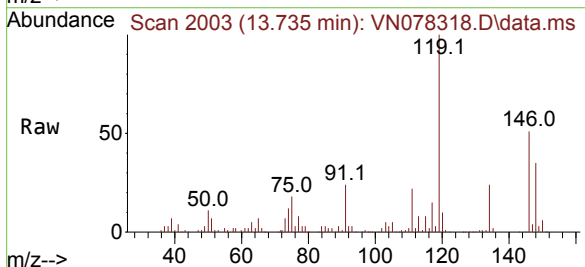
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

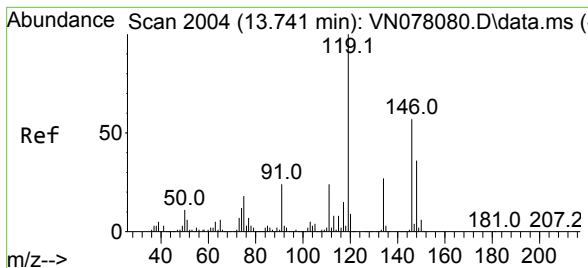
Tgt Ion:105 Resp: 290993
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 14.838 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078318.D
 Acq: 21 Jun 2023 13:23

Tgt Ion:119 Resp: 233956
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 15.680 ug/l

RT: 13.735 min Scan# 2004

Delta R.T. -0.006 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

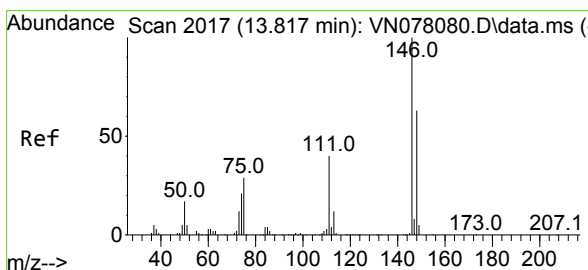
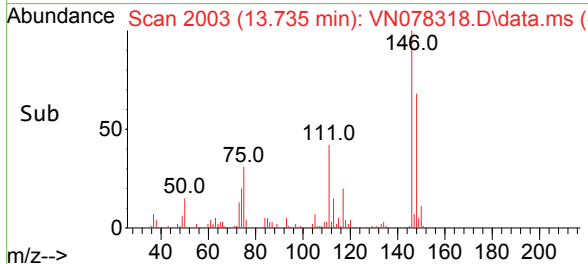
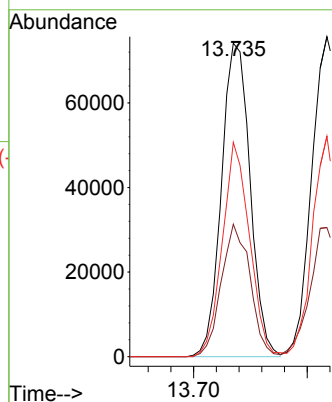
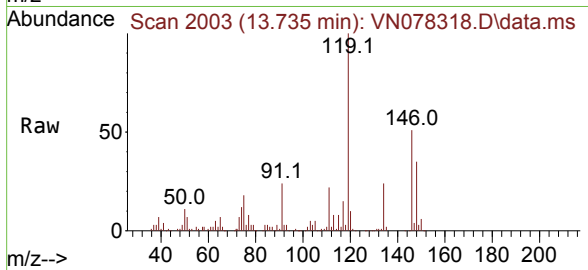
Tgt Ion:146 Resp: 129877

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.3

148 65.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 16.619 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

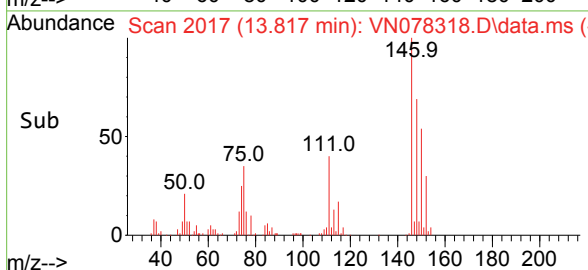
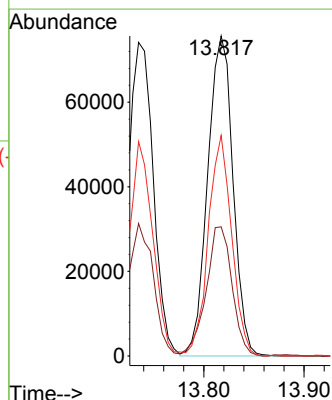
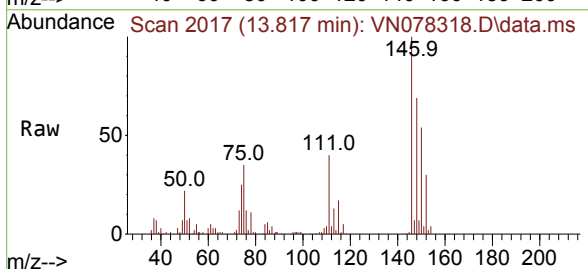
Tgt Ion:146 Resp: 132825

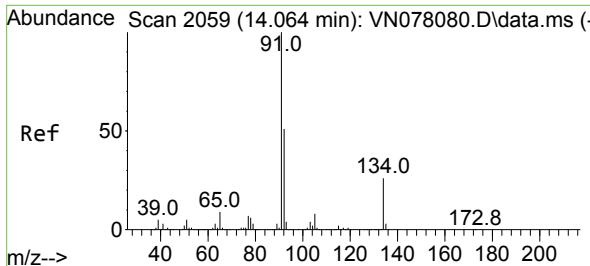
Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

148 63.6 31.6 94.8

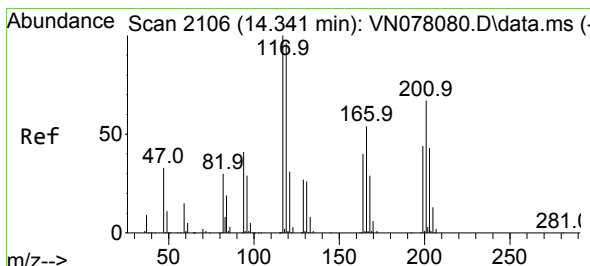
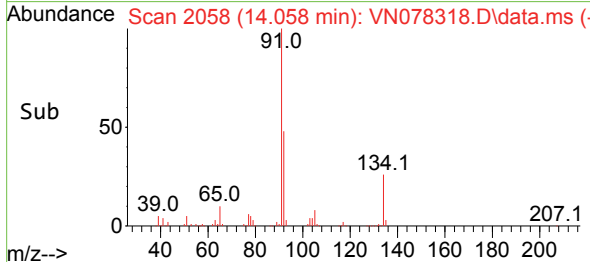
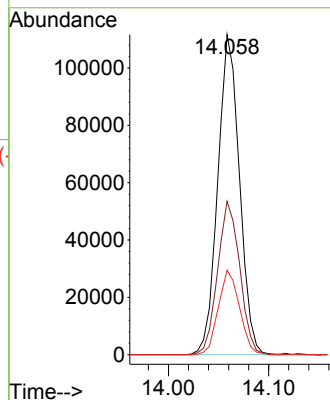
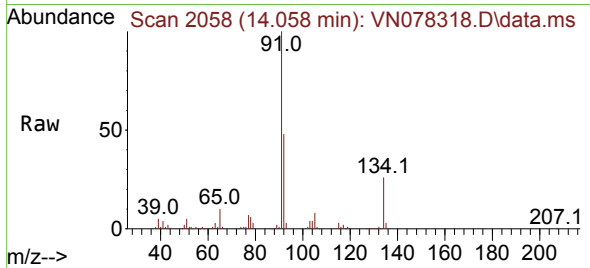




#89
n-Butylbenzene
Concen: 13.489 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

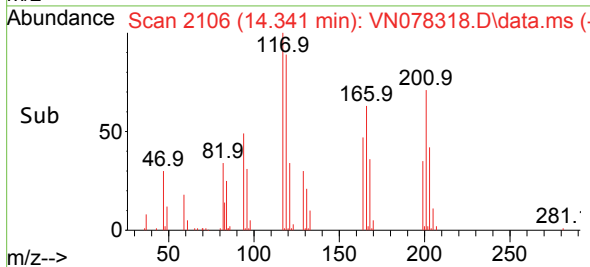
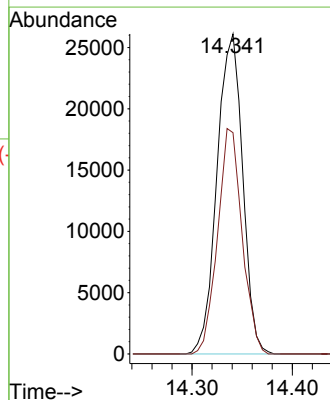
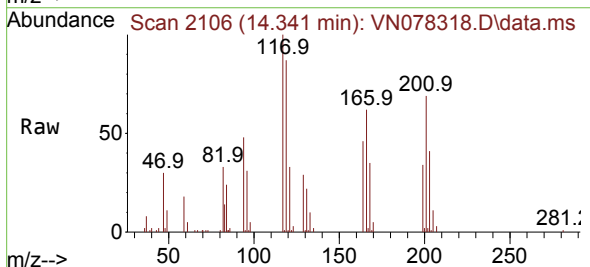
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

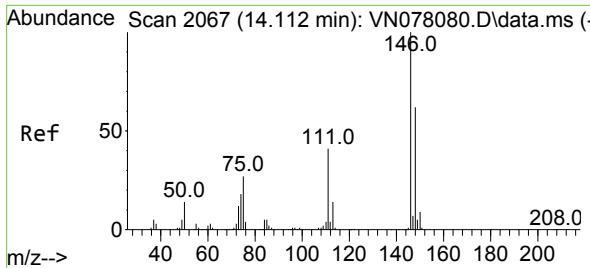
Tgt Ion: 91 Resp: 167765
Ion Ratio Lower Upper
91 100
92 48.8 26.4 79.0
134 25.8 12.6 37.6



#90
Hexachloroethane
Concen: 16.574 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 117 Resp: 46379
Ion Ratio Lower Upper
117 100
201 67.3 29.3 88.0

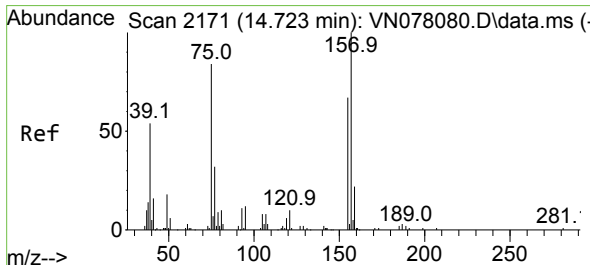
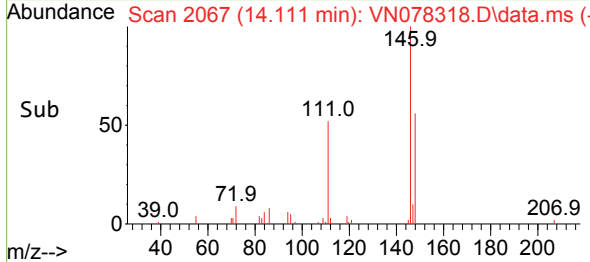
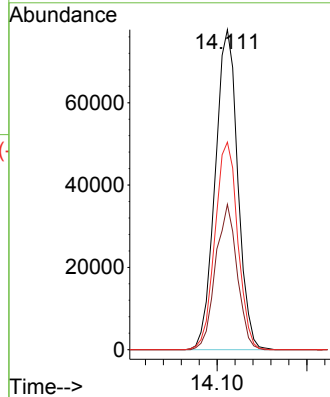
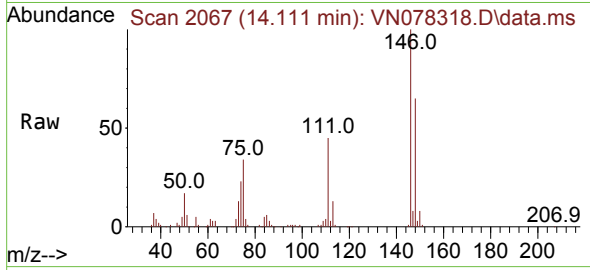




#91
1,2-Dichlorobenzene
Concen: 16.764 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

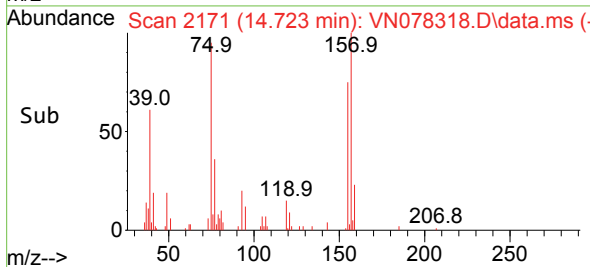
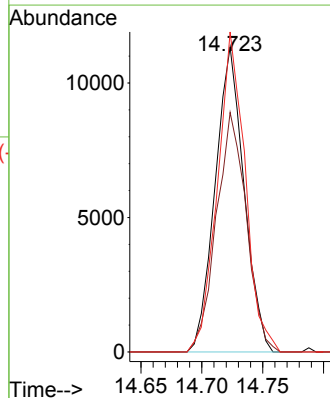
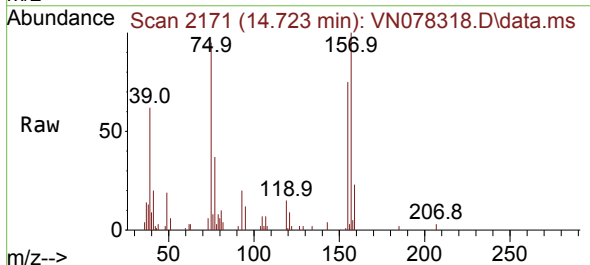
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

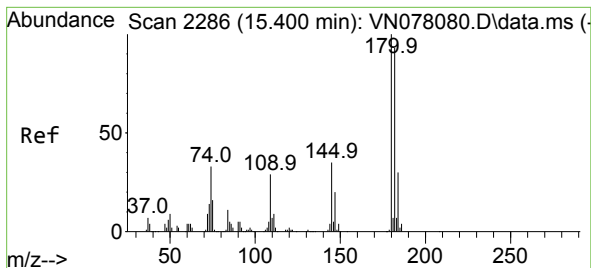
Tgt Ion:146 Resp: 135701
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 65.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.862 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078318.D
Acq: 21 Jun 2023 13:23

Tgt Ion: 75 Resp: 18663
Ion Ratio Lower Upper
75 100
155 81.5 39.1 117.2
157 100.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 11.608 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

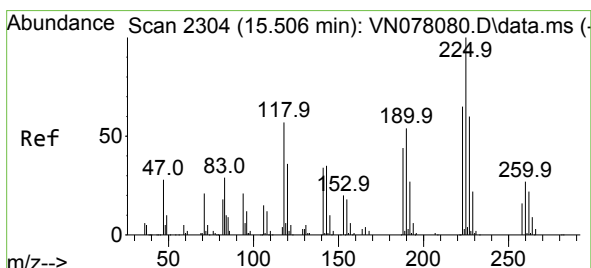
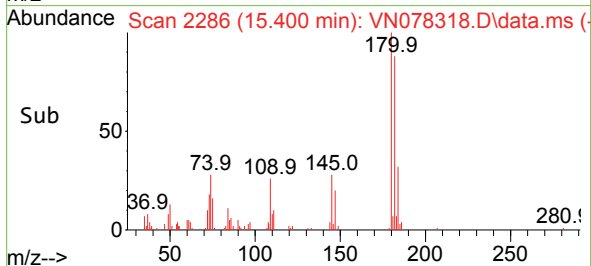
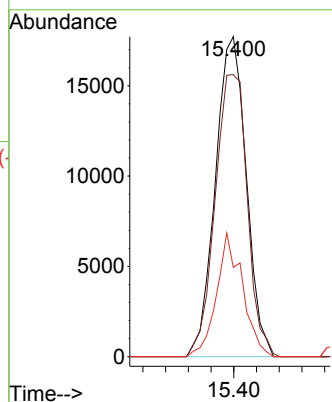
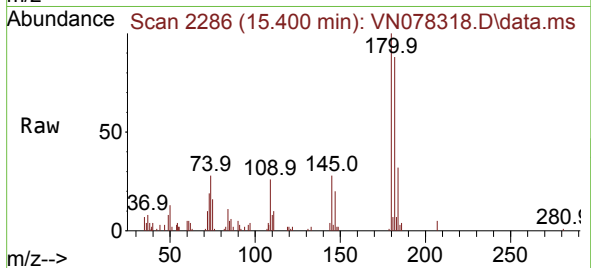
Tgt Ion:180 Resp: 33480

Ion Ratio Lower Upper

180 100

182 92.0 46.1 138.2

145 32.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 13.410 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

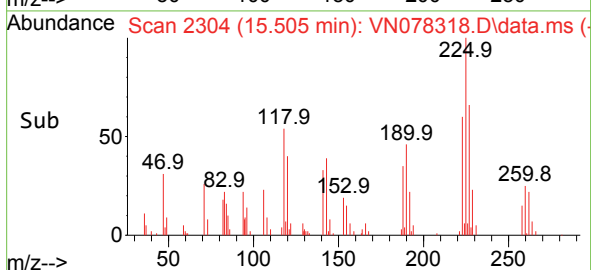
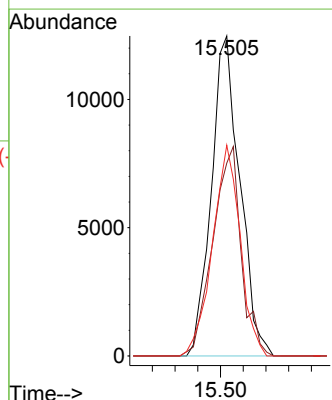
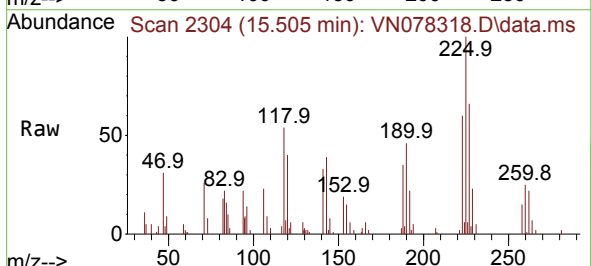
Tgt Ion:225 Resp: 21730

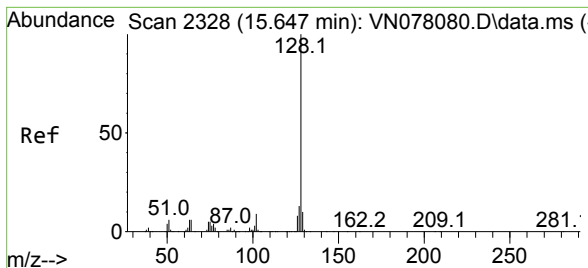
Ion Ratio Lower Upper

225 100

223 65.2 31.3 93.8

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 11.074 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

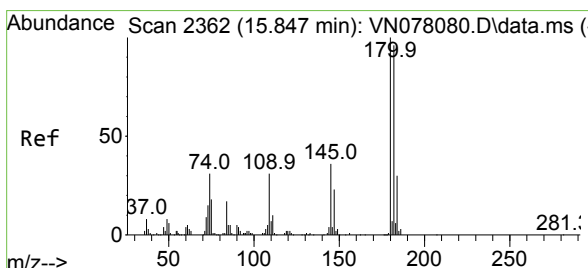
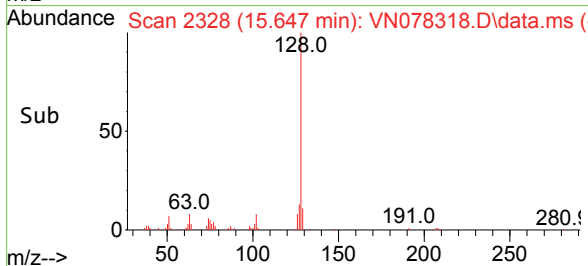
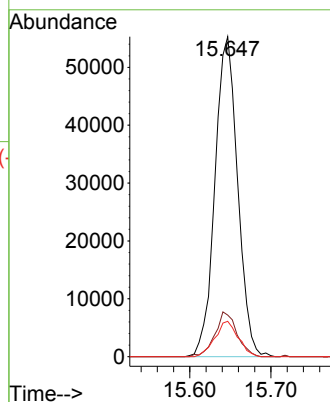
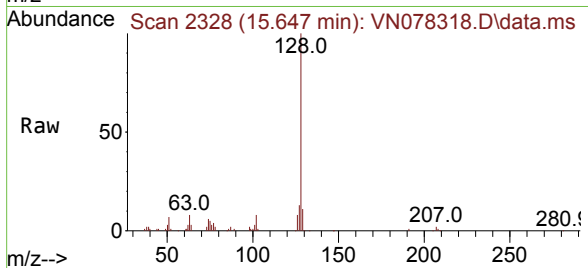
Tgt Ion:128 Resp: 107438

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 12.154 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078318.D

Acq: 21 Jun 2023 13:23

Tgt Ion:180 Resp: 39207

Ion Ratio Lower Upper

180 100

182 97.6 46.2 138.6

145 35.1 17.5 52.6

