

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078681.D
 Acq On : 28 Jul 2023 13:37
 Operator : JC\MD
 Sample : VN0728WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS02

Quant Time: Jul 29 00:46:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	710028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1233159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1076744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	413741	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	503770	52.924	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.840%	
35) Dibromofluoromethane	8.177	113	440644	52.639	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.280%	
50) Toluene-d8	10.571	98	1533066	48.479	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.960%	
62) 4-Bromofluorobenzene	12.853	95	513572	52.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	157278	18.067	ug/l	98
3) Chloromethane	2.371	50	165348	17.475	ug/l	100
4) Vinyl Chloride	2.518	62	150216	12.273	ug/l	98
5) Bromomethane	2.953	94	178405	20.068	ug/l	94
6) Chloroethane	3.118	64	109673	13.406	ug/l	97
7) Trichlorofluoromethane	3.500	101	254150	17.370	ug/l	98
8) Diethyl Ether	3.971	74	102347	20.995	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.383	101	141010	18.206	ug/l	96
10) Methyl Iodide	4.594	142	194056	18.233	ug/l	99
11) Tert butyl alcohol	5.541	59	175099	119.293	ug/l	97
12) 1,1-Dichloroethene	4.347	96	138463	18.481	ug/l	93
13) Acrolein	4.189	56	140368	97.199	ug/l	96
14) Allyl chloride	5.030	41	222234	21.708	ug/l #	82
15) Acrylonitrile	5.736	53	426501	115.003	ug/l	99
16) Acetone	4.447	43	308699	104.112	ug/l	100
17) Carbon Disulfide	4.724	76	373256	17.229	ug/l	96
18) Methyl Acetate	5.047	43	283535	22.589	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	510752	20.691	ug/l	99
20) Methylene Chloride	5.289	84	183496	20.863	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	151769	17.976	ug/l #	81
22) Diisopropyl ether	6.688	45	495776	21.628	ug/l #	89
23) Vinyl Acetate	6.618	43	1552762	106.550	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	299534	19.392	ug/l	98
25) 2-Butanone	7.500	43	536246	114.891	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	228313	18.072	ug/l	95
27) cis-1,2-Dichloroethene	7.500	96	187174	19.164	ug/l	90
28) Bromochloromethane	7.824	49	165898	22.803	ug/l	89
29) Tetrahydrofuran	7.853	42	351545	114.786	ug/l #	83
30) Chloroform	7.977	83	313167	19.474	ug/l	97
31) Cyclohexane	8.265	56	239648	18.629	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	262467	18.204	ug/l	99
36) 1,1-Dichloropropene	8.377	75	217759	18.016	ug/l	98
37) Ethyl Acetate	7.577	43	214937	21.332	ug/l	98
38) Carbon Tetrachloride	8.371	117	234298	17.835	ug/l	100
39) Methylcyclohexane	9.612	83	201403	18.255	ug/l	88
40) Benzene	8.618	78	718736	20.071	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078681.D
 Acq On : 28 Jul 2023 13:37
 Operator : JC\MD
 Sample : VN0728WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS02

Quant Time: Jul 29 00:46:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	115283	22.443	ug/l	92
42) 1,2-Dichloroethane	8.682	62	237544	19.503	ug/l	100
43) Isopropyl Acetate	8.700	43	386264	23.284	ug/l #	93
44) Trichloroethene	9.359	130	170910	17.709	ug/l	99
45) 1,2-Dichloropropane	9.629	63	191584	21.124	ug/l	96
46) Dibromomethane	9.718	93	125841	19.714	ug/l	89
47) Bromodichloromethane	9.894	83	245824	19.211	ug/l	95
48) Methyl methacrylate	9.688	41	161380	20.998	ug/l #	85
49) 1,4-Dioxane	9.706	88	72404	431.992	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	1099366	111.416	ug/l	97
52) Toluene	10.635	92	428170	19.293	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	265886	20.283	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	294788	21.096	ug/l	99
55) 1,1,2-Trichloroethane	11.023	97	181408	20.746	ug/l	94
56) Ethyl methacrylate	10.882	69	265245	21.700	ug/l #	87
57) 1,3-Dichloropropane	11.170	76	309571	20.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	499149	114.587	ug/l	90
59) 2-Hexanone	11.200	43	782863	111.634	ug/l	94
60) Dibromochloromethane	11.365	129	195605	20.263	ug/l	100
61) 1,2-Dibromoethane	11.476	107	182159	20.223	ug/l	98
64) Tetrachloroethene	11.112	164	136357	16.844	ug/l	97
65) Chlorobenzene	11.900	112	448867	18.650	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	177487	19.169	ug/l	97
67) Ethyl Benzene	11.970	91	757909	18.630	ug/l	96
68) m/p-Xylenes	12.076	106	560743	37.280	ug/l	94
69) o-Xylene	12.406	106	273980	18.034	ug/l	90
70) Styrene	12.417	104	450100	18.937	ug/l	98
71) Bromoform	12.582	173	129056	20.581	ug/l #	100
73) Isopropylbenzene	12.700	105	684423	17.605	ug/l	100
74) N-amyl acetate	12.500	43	261628	19.528	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	258814	22.107	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	305269	30.525	ug/l	69
77) Bromobenzene	12.988	156	166284	18.701	ug/l	93
78) n-propylbenzene	13.041	91	732143	17.609	ug/l	99
79) 2-Chlorotoluene	13.129	91	500053	18.362	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	562149	18.301	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.747	75	73558	19.328	ug/l #	85
82) 4-Chlorotoluene	13.229	91	457353	18.002	ug/l	98
83) tert-Butylbenzene	13.441	119	466974	17.906	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	547247	18.341	ug/l	100
85) sec-Butylbenzene	13.623	105	573061	17.384	ug/l	99
86) p-Isopropyltoluene	13.735	119	462383	17.469	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	259774	17.406	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	252973	16.828	ug/l	97
89) n-Butylbenzene	14.064	91	326834	17.257	ug/l	97
90) Hexachloroethane	14.341	117	92460	18.491	ug/l	78
91) 1,2-Dichlorobenzene	14.111	146	261463	17.604	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40284	20.512	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	67530	14.246	ug/l	99
94) Hexachlorobutadiene	15.506	225	60802	22.520	ug/l	99
95) Naphthalene	15.647	128	200589	12.378	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	77277	14.178	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
Data File : VN078681.D
Acq On : 28 Jul 2023 13:37
Operator : JC\MD
Sample : VN0728WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

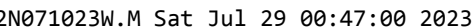
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

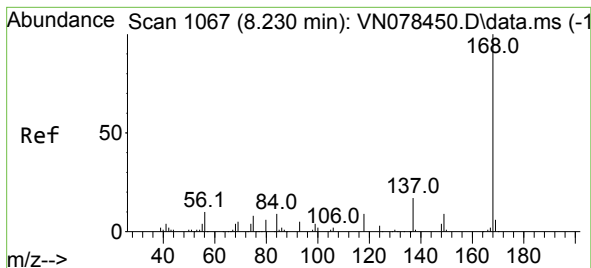
Quant Time: Jul 29 00:46:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

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

Quant Time: Jul 29 00:46:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1067

Delta R.T. 0.005 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

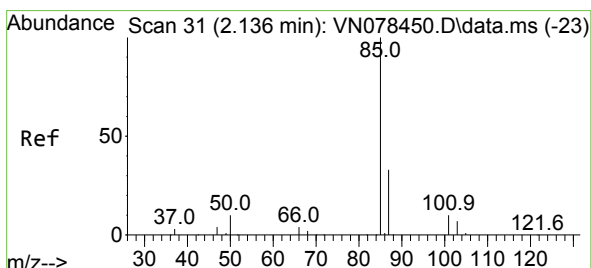
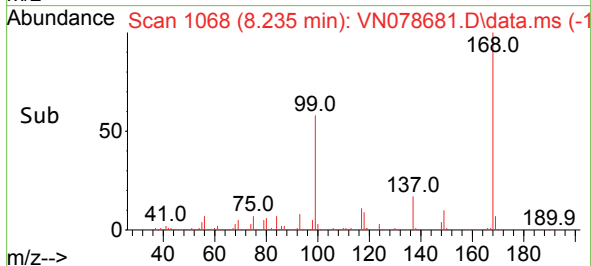
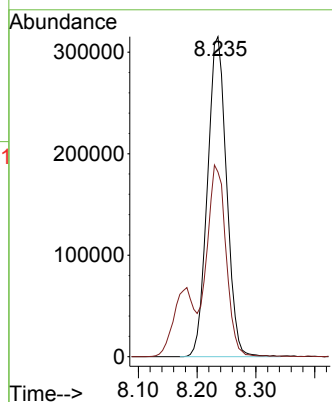
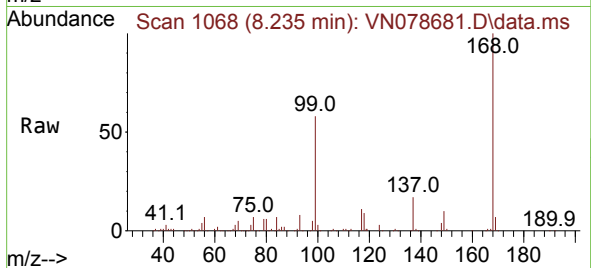
VN0728WBS02

Tgt Ion:168 Resp: 710028

Ion Ratio Lower Upper

168 100

99 57.5 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 18.067 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078681.D

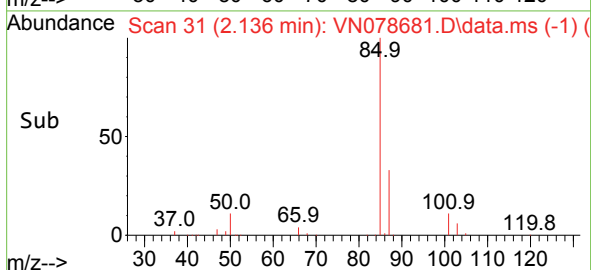
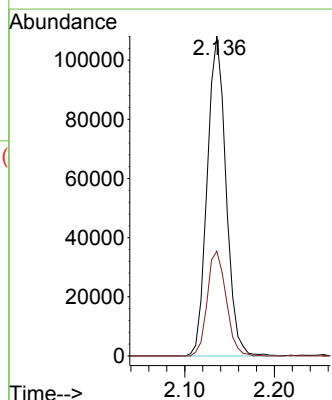
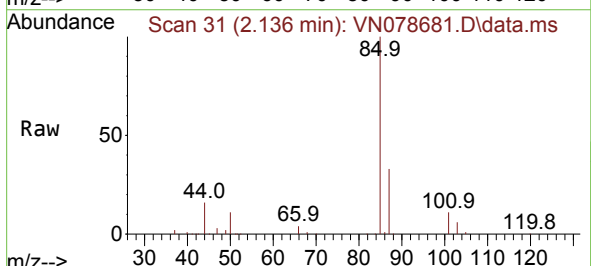
Acq: 28 Jul 2023 13:37

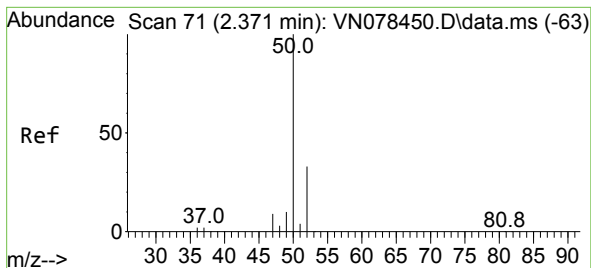
Tgt Ion: 85 Resp: 157278

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4





#3

Chloromethane

Concen: 17.475 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

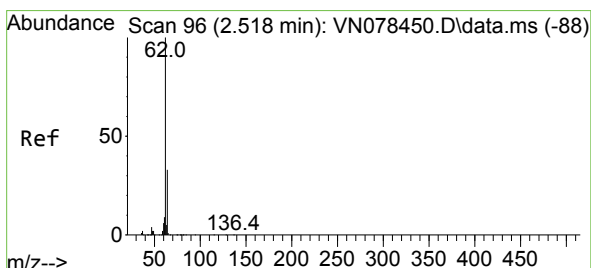
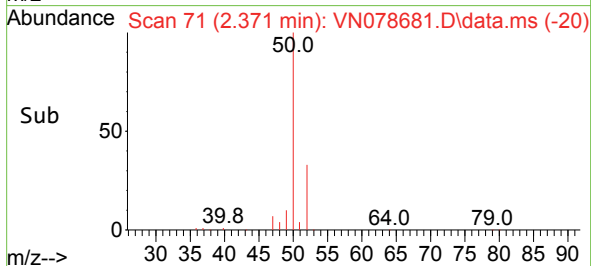
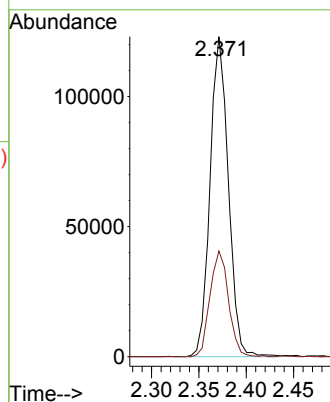
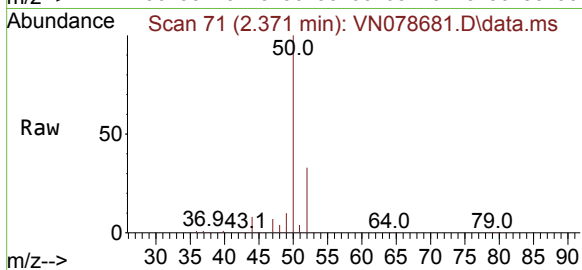
VN0728WBS02

Tgt Ion: 50 Resp: 165348

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 12.273 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078681.D

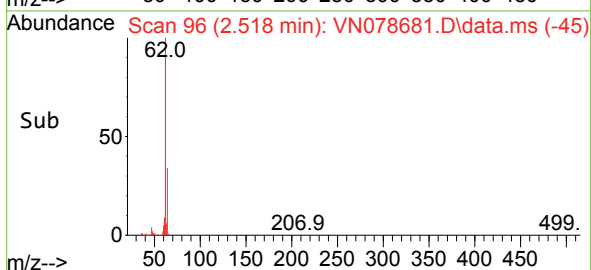
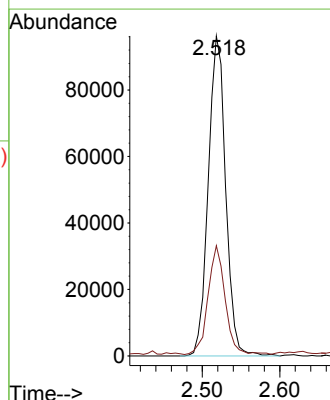
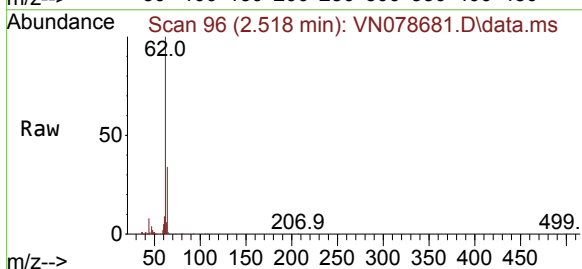
Acq: 28 Jul 2023 13:37

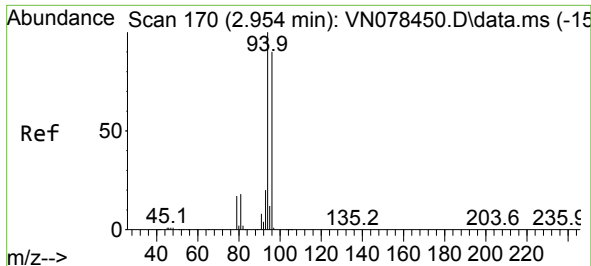
Tgt Ion: 62 Resp: 150216

Ion Ratio Lower Upper

62 100

64 33.7 26.2 39.2

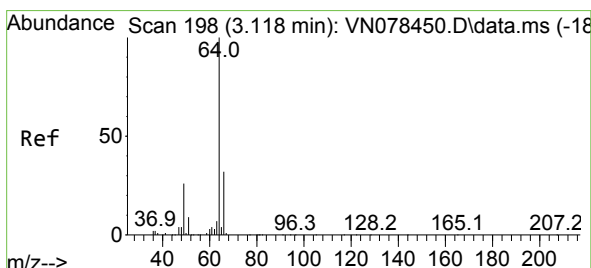
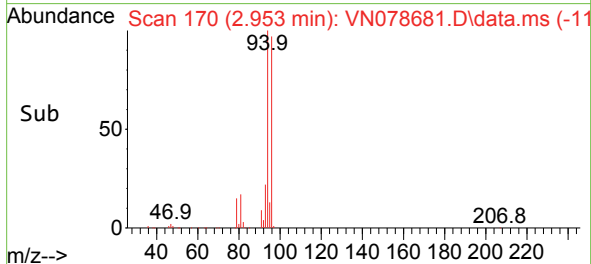
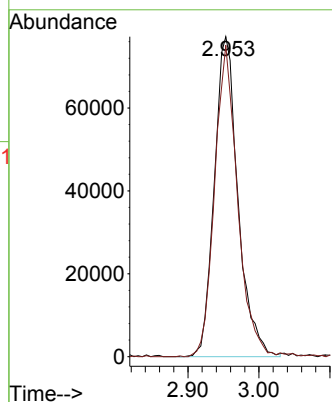
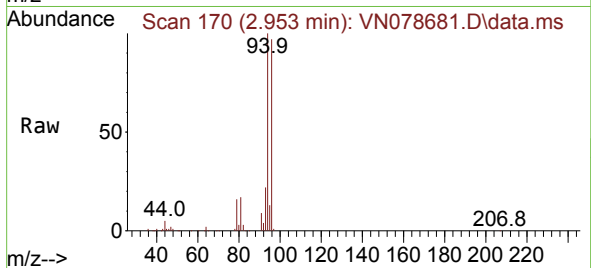




#5
Bromomethane
Concen: 20.068 ug/l
RT: 2.953 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

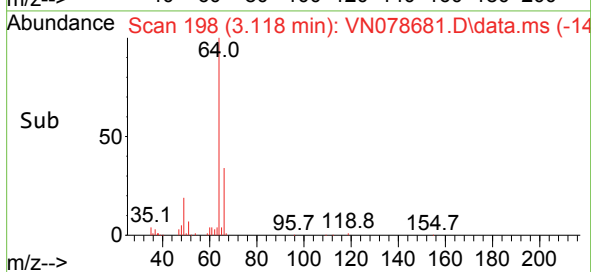
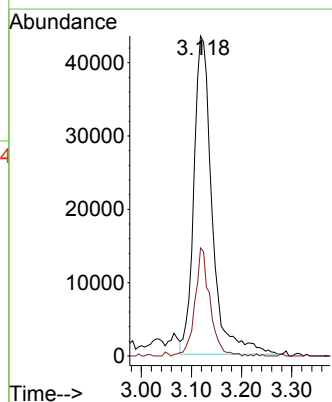
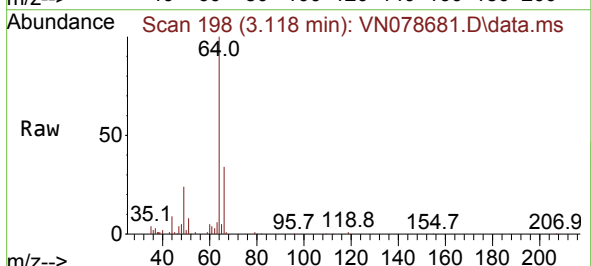
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

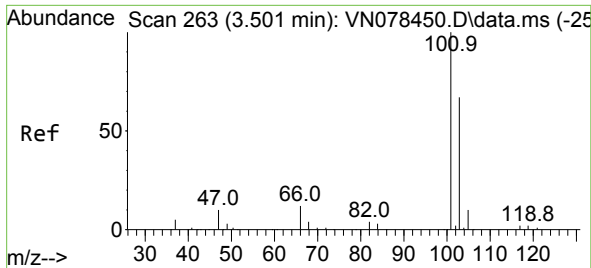
Tgt Ion: 94 Resp: 178405
Ion Ratio Lower Upper
94 100
96 97.1 73.1 109.7



#6
Chloroethane
Concen: 13.406 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 64 Resp: 109673
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2

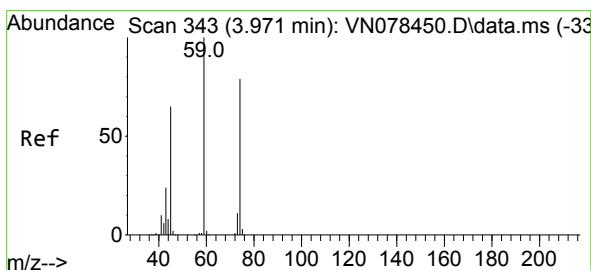
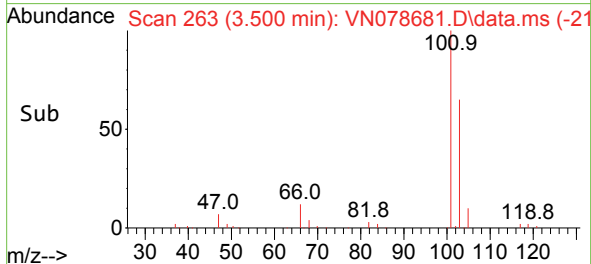
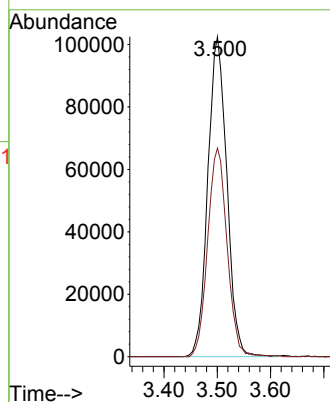
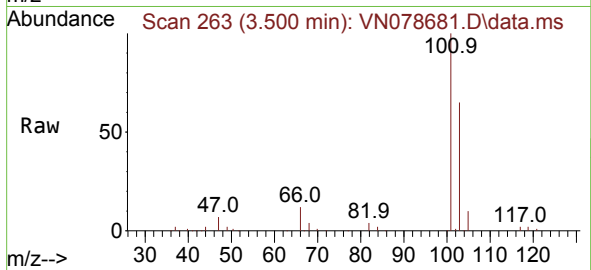




#7
Trichlorofluoromethane
Concen: 17.370 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.001 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

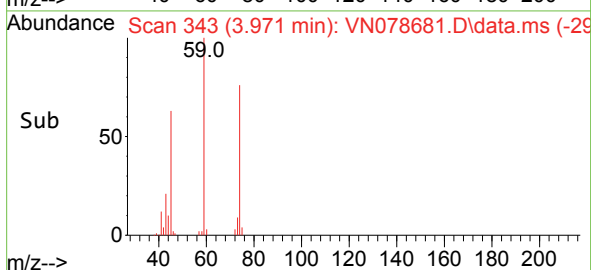
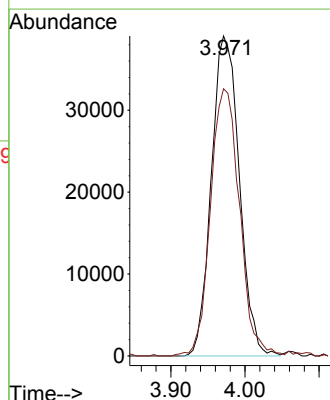
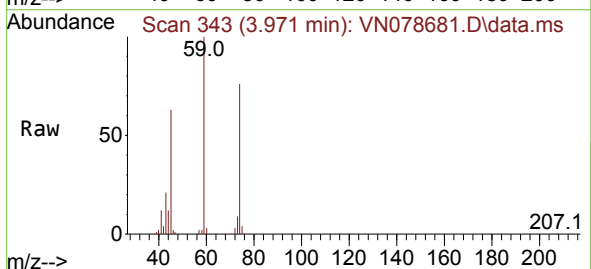
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

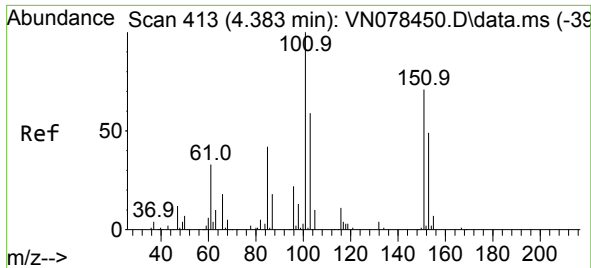
Tgt Ion:101 Resp: 254150
Ion Ratio Lower Upper
101 100
103 65.2 50.7 76.1



#8
Diethyl Ether
Concen: 20.995 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 74 Resp: 102347
Ion Ratio Lower Upper
74 100
45 86.7 34.4 103.3

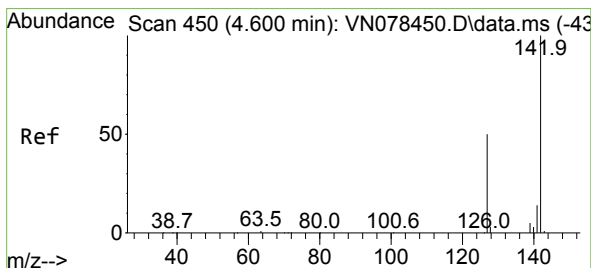
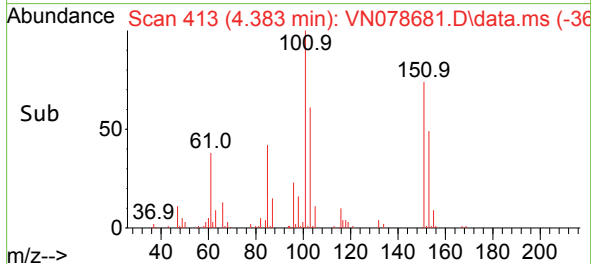
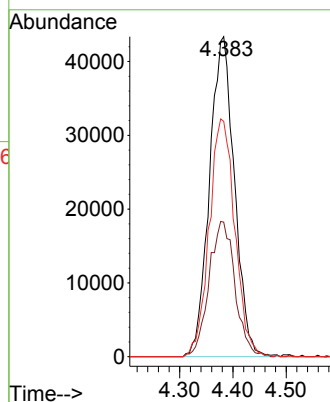
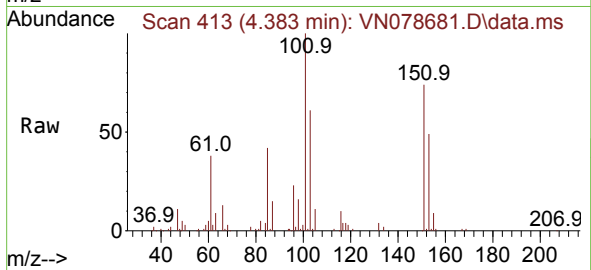




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.206 ug/l
 RT: 4.383 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VN078681.D
 Acq: 28 Jul 2023 13:37

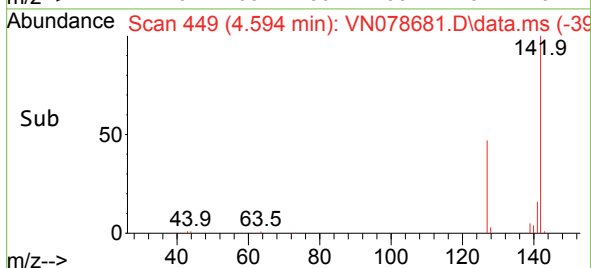
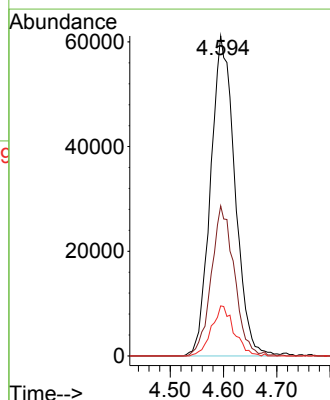
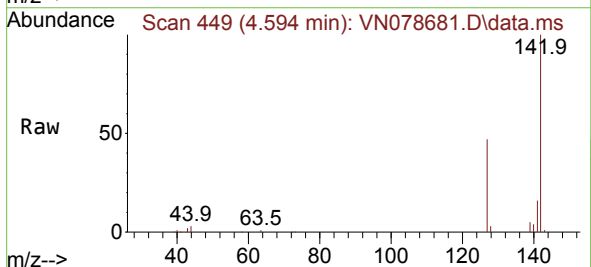
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS02

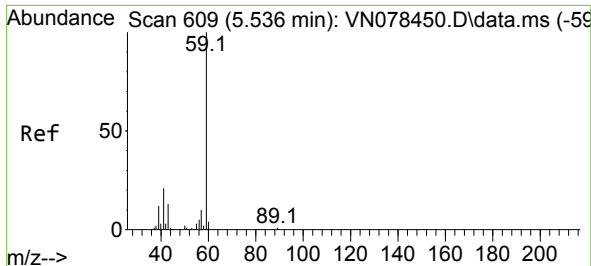
Tgt Ion:101 Resp: 141010
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.6 55.0
 151 76.2 57.6 86.4



#10
 Methyl Iodide
 Concen: 18.233 ug/l
 RT: 4.594 min Scan# 449
 Delta R.T. -0.006 min
 Lab File: VN078681.D
 Acq: 28 Jul 2023 13:37

Tgt Ion:142 Resp: 194056
 Ion Ratio Lower Upper
 142 100
 127 46.9 37.6 56.4
 141 15.6 11.4 17.0

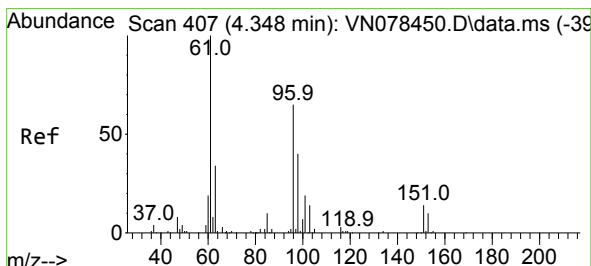
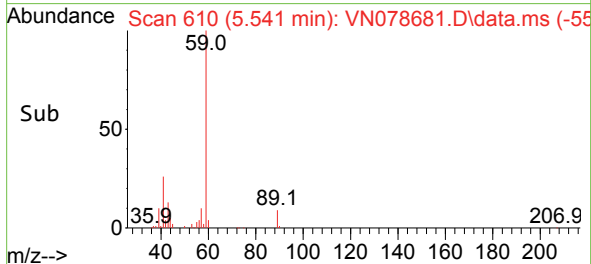
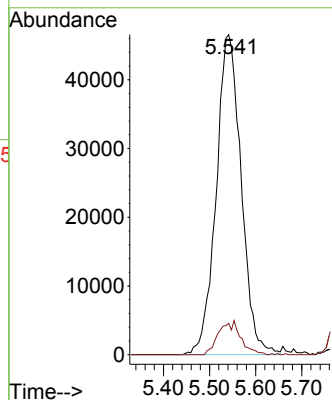
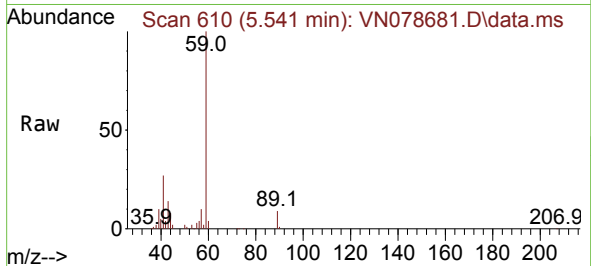




#11
Tert butyl alcohol
Concen: 119.293 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

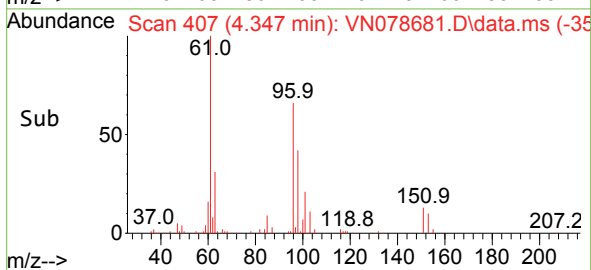
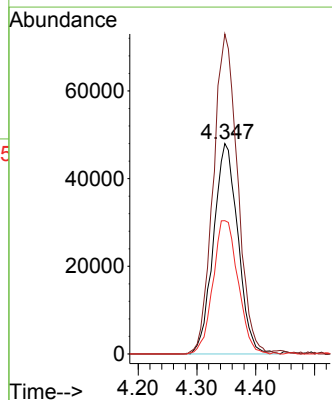
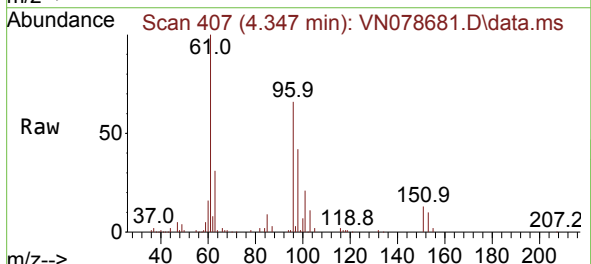
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

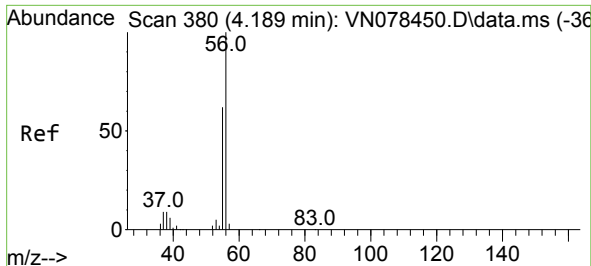
Tgt Ion: 59 Resp: 175099
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.481 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 96 Resp: 138463
Ion Ratio Lower Upper
96 100
61 152.1 112.7 169.1
98 63.3 51.2 76.8





#13

Acrolein

Concen: 97.199 ug/l

RT: 4.189 min Scan# 380

Delta R.T. -0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

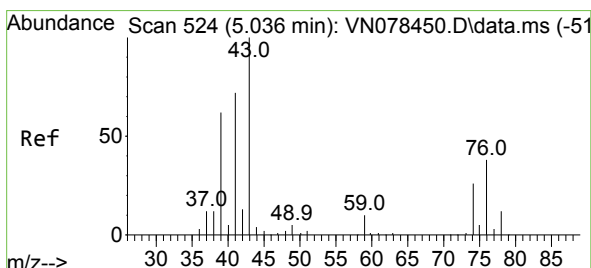
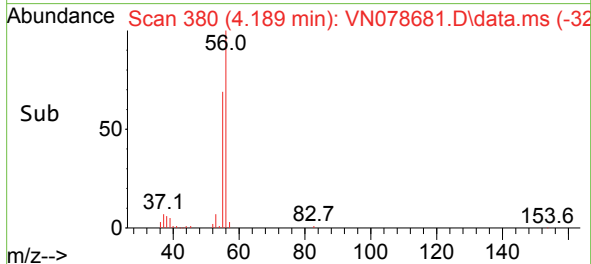
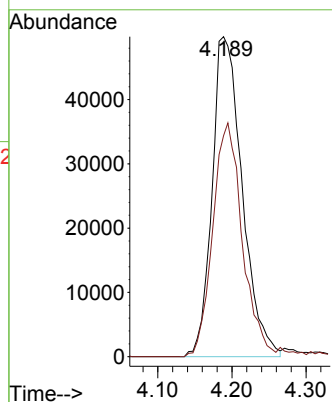
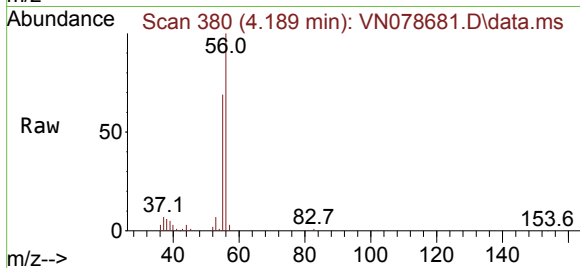
VN0728WBS02

Tgt Ion: 56 Resp: 140368

Ion Ratio Lower Upper

56 100

55 71.5 54.5 81.7



#14

Allyl chloride

Concen: 21.708 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

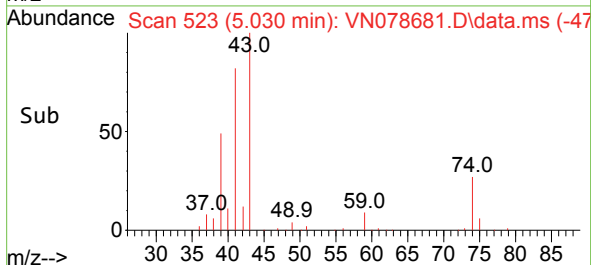
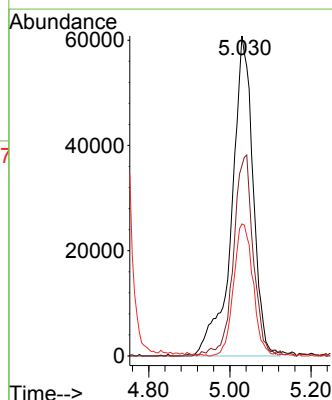
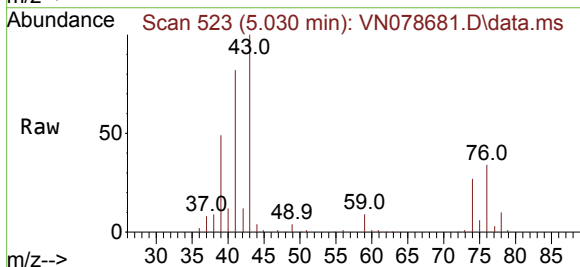
Tgt Ion: 41 Resp: 222234

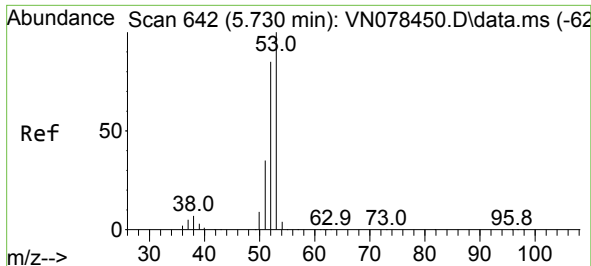
Ion Ratio Lower Upper

41 100

39 58.1 58.8 88.2#

76 37.4 39.1 58.7#

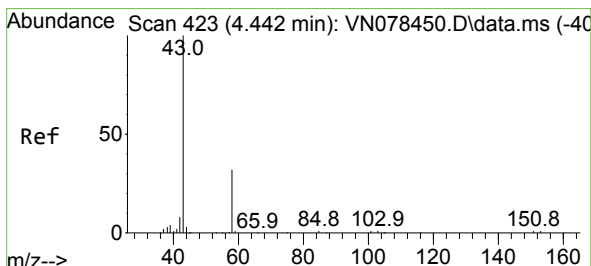
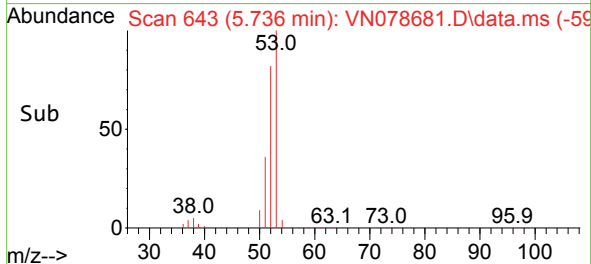
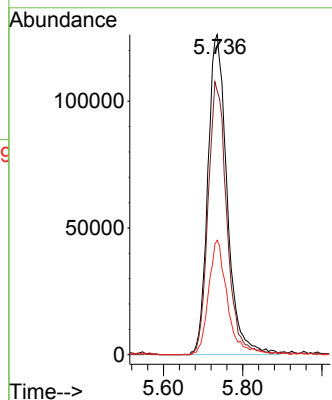
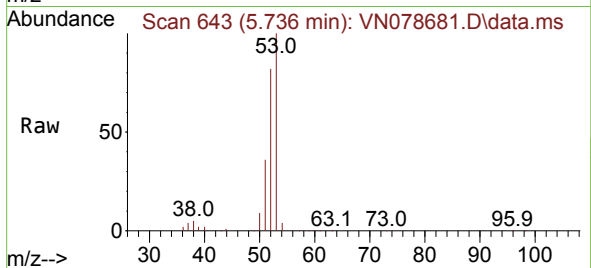




#15
Acrylonitrile
Concen: 115.003 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

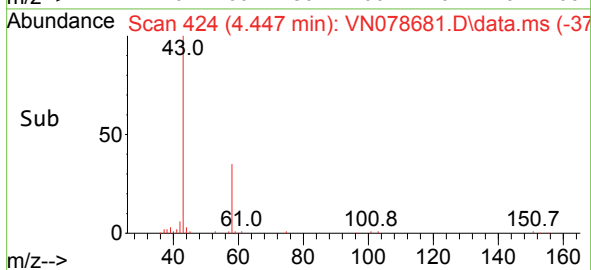
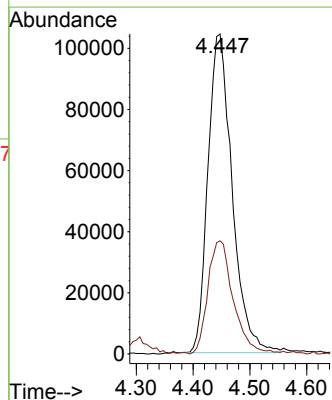
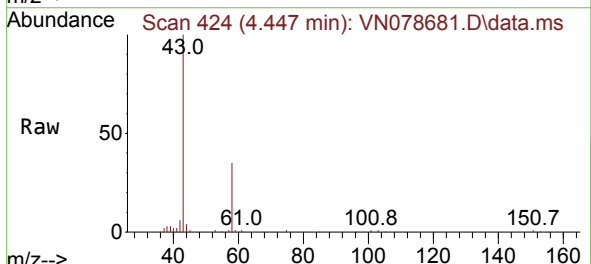
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

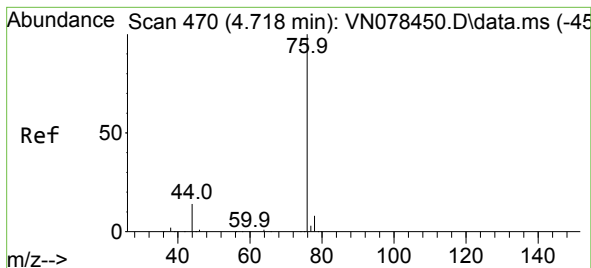
Tgt Ion: 53 Resp: 426501
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 34.9 28.9 43.3



#16
Acetone
Concen: 104.112 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 43 Resp: 308699
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0





#17

Carbon Disulfide

Concen: 17.229 ug/l

RT: 4.724 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

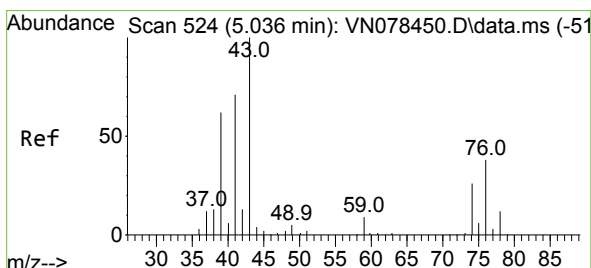
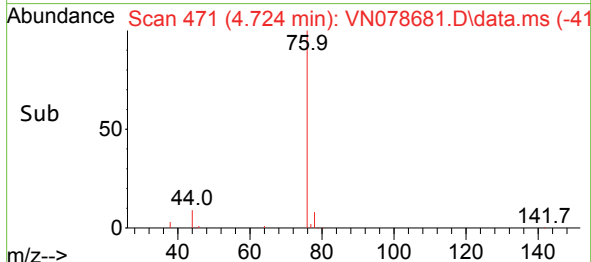
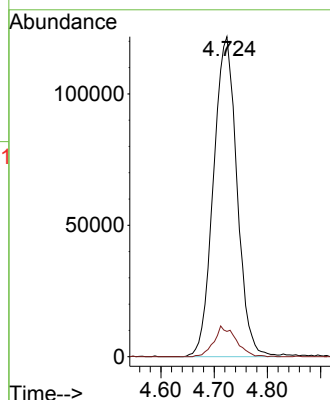
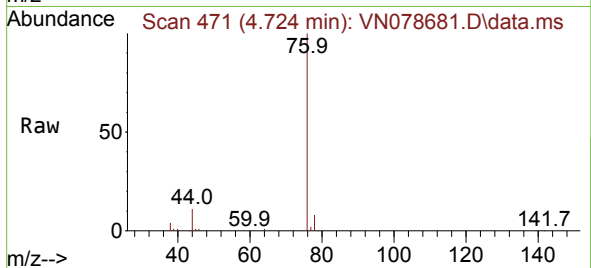
VN0728WBS02

Tgt Ion: 76 Resp: 373256

Ion Ratio Lower Upper

76 100

78 7.9 7.4 11.0



#18

Methyl Acetate

Concen: 22.589 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.011 min

Lab File: VN078681.D

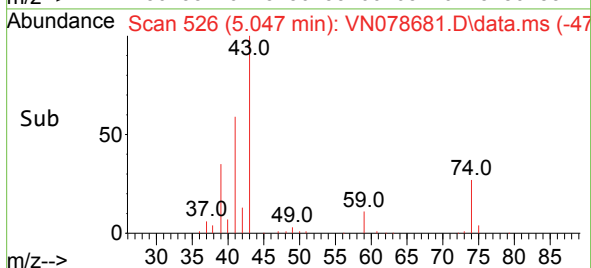
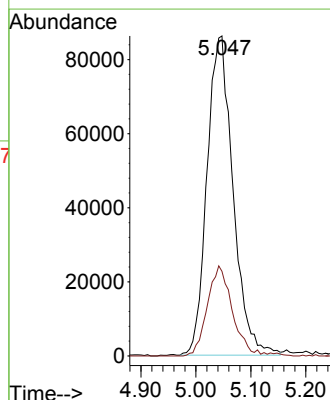
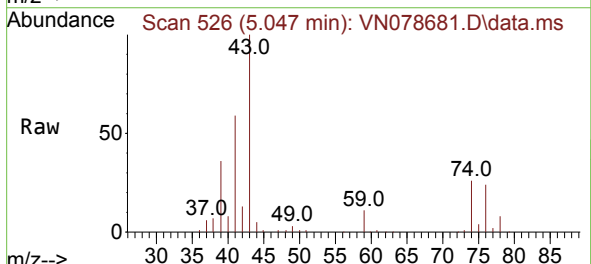
Acq: 28 Jul 2023 13:37

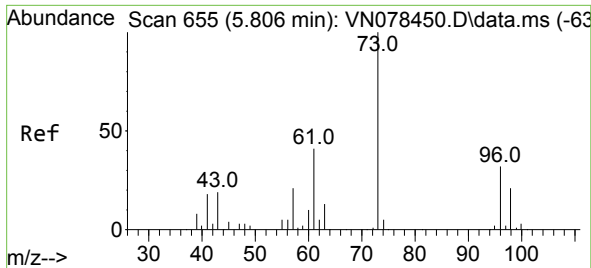
Tgt Ion: 43 Resp: 283535

Ion Ratio Lower Upper

43 100

74 27.1 26.2 39.4

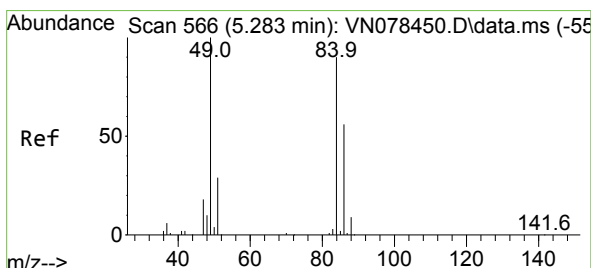
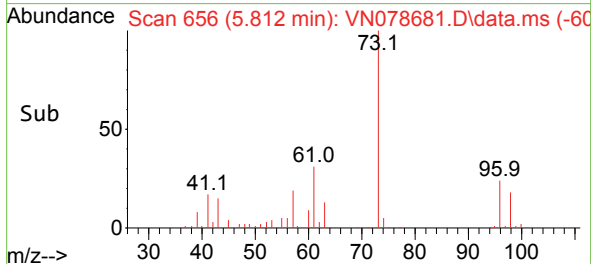
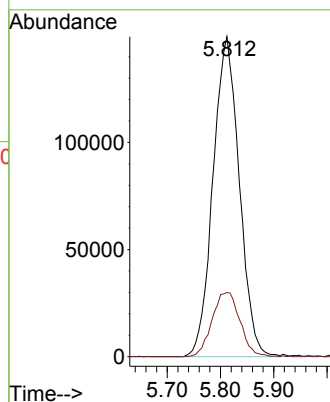
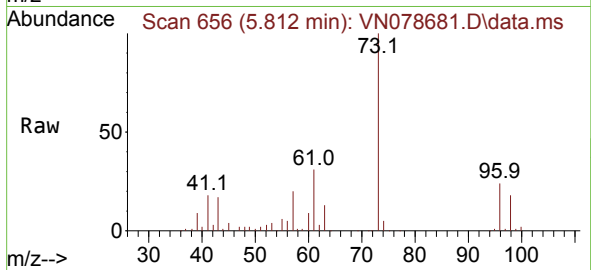




#19
Methyl tert-butyl Ether
Concen: 20.691 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

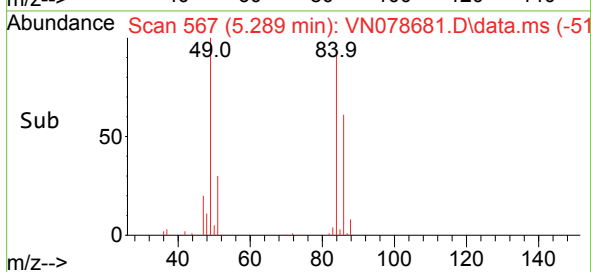
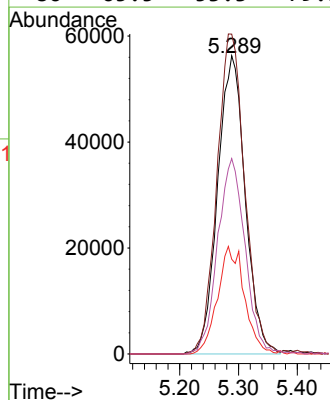
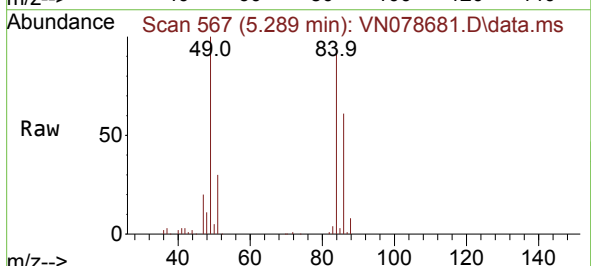
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

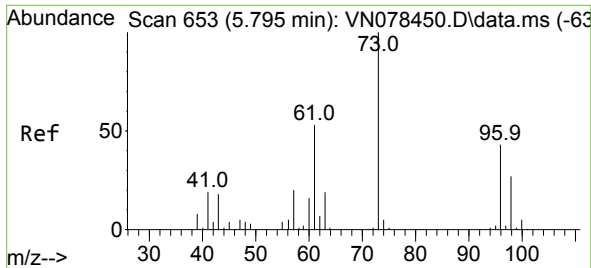
Tgt Ion: 73 Resp: 510752
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4



#20
Methylene Chloride
Concen: 20.863 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 84 Resp: 183496
Ion Ratio Lower Upper
84 100
49 107.2 79.7 119.5
51 31.8 25.2 37.8
86 65.5 53.3 79.9

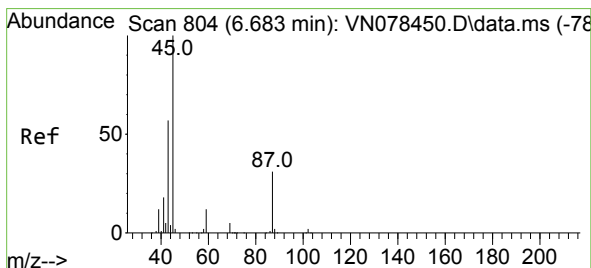
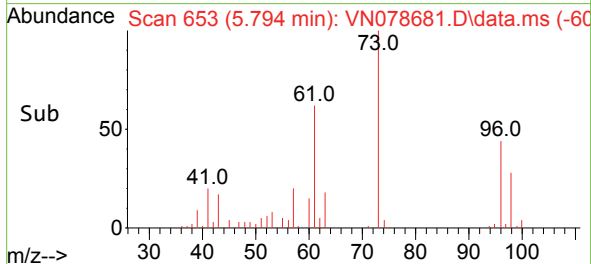
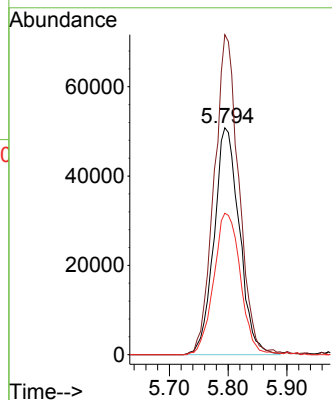
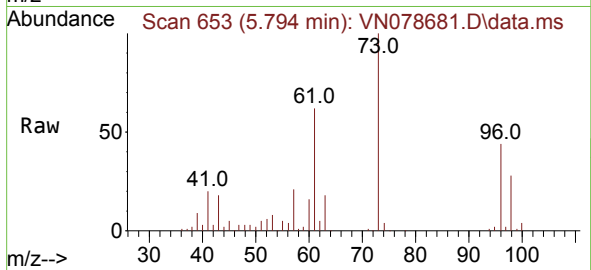




#21
trans-1,2-Dichloroethene
Concen: 17.976 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

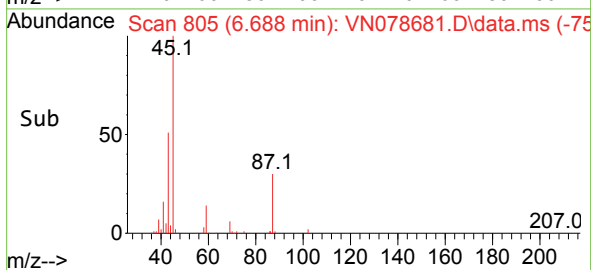
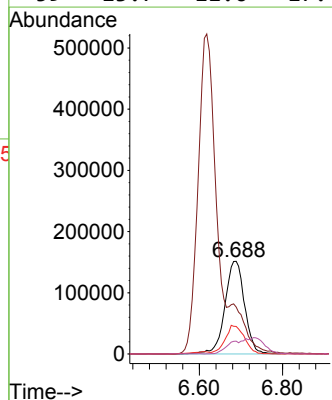
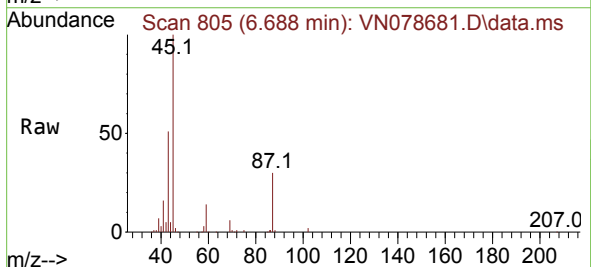
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

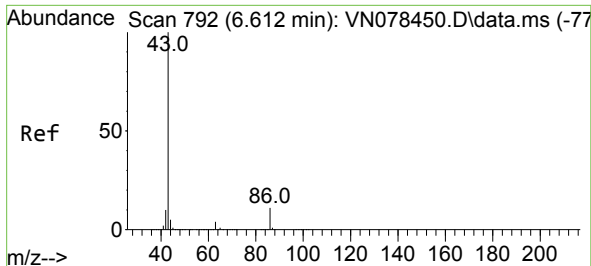
Tgt Ion: 96 Resp: 151769
Ion Ratio Lower Upper
96 100
61 141.0 90.1 135.1#
98 62.3 46.4 69.6



#22
Diisopropyl ether
Concen: 21.628 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.005 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 45 Resp: 495776
Ion Ratio Lower Upper
45 100
43 49.9 45.5 68.3
87 29.8 31.8 47.8#
59 13.7 11.6 17.4

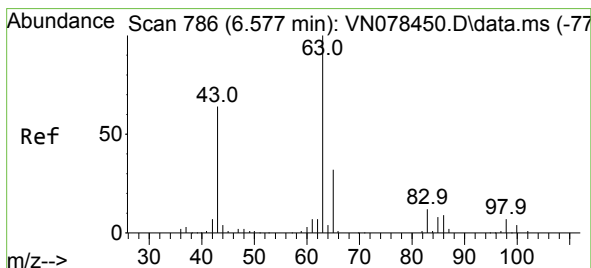
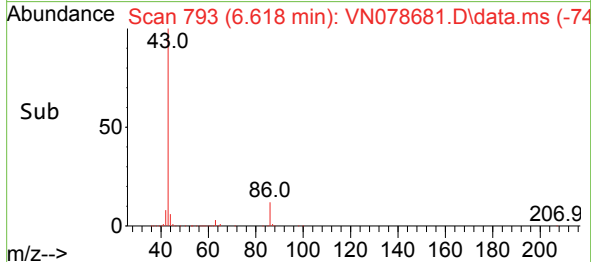
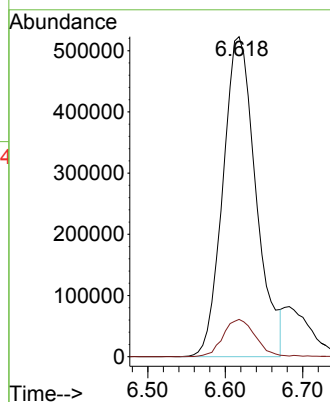
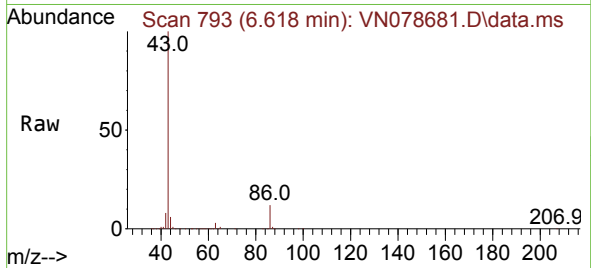




#23
 Vinyl Acetate
 Concen: 106.550 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN078681.D
 Acq: 28 Jul 2023 13:37

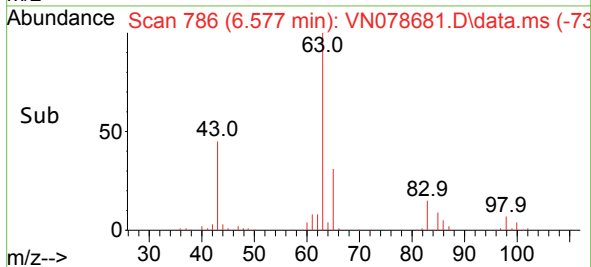
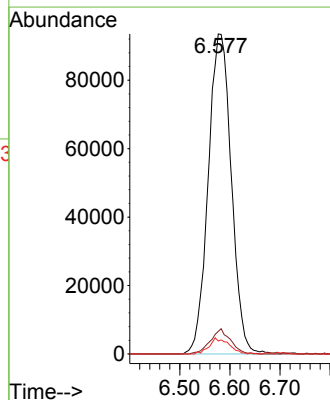
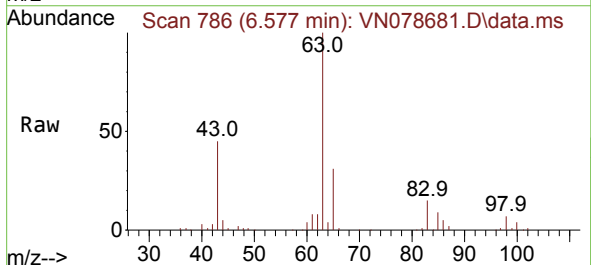
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS02

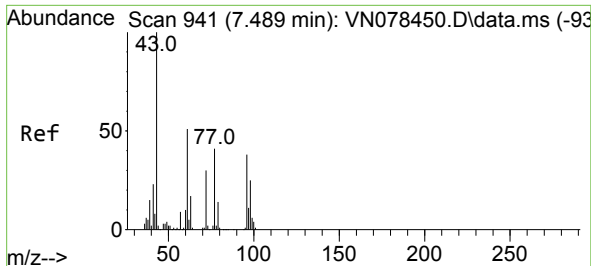
Tgt Ion: 43 Resp: 1552762
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.392 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078681.D
 Acq: 28 Jul 2023 13:37

Tgt Ion: 63 Resp: 299534
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.1 2.5 7.4

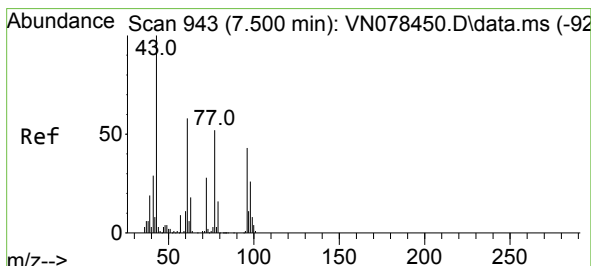
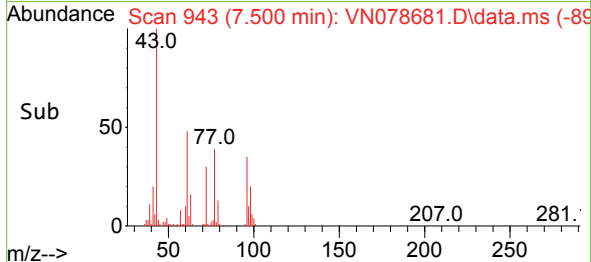
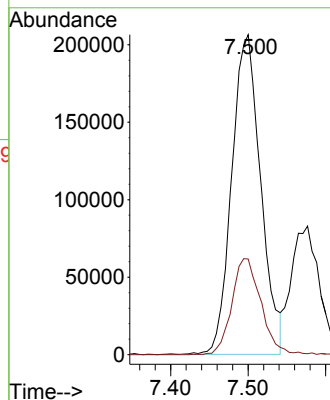
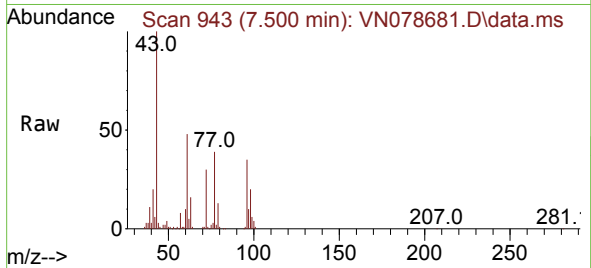




#25
2-Butanone
Concen: 114.891 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.011 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

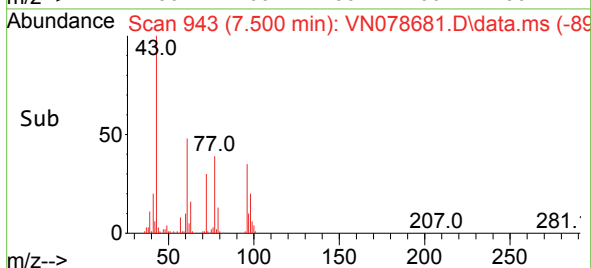
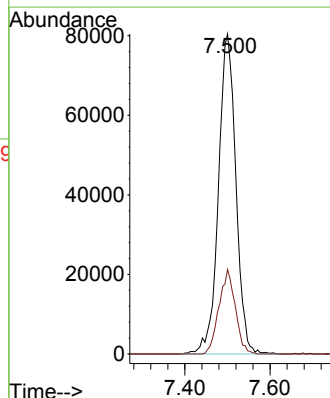
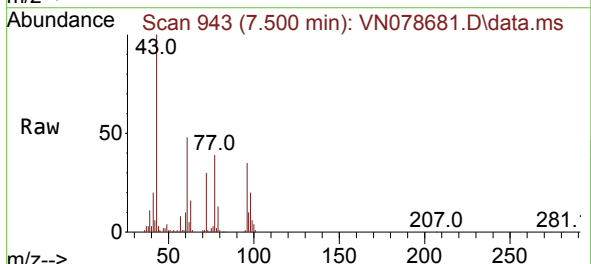
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

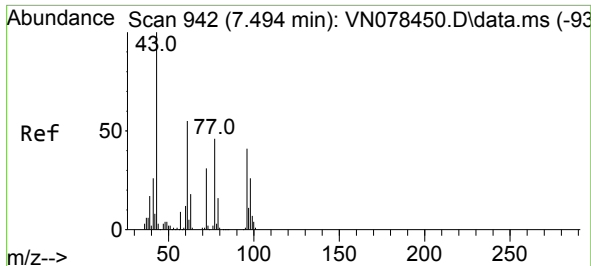
Tgt Ion: 43 Resp: 536246
Ion Ratio Lower Upper
43 100
72 29.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.072 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 77 Resp: 228313
Ion Ratio Lower Upper
77 100
97 24.7 11.2 33.6

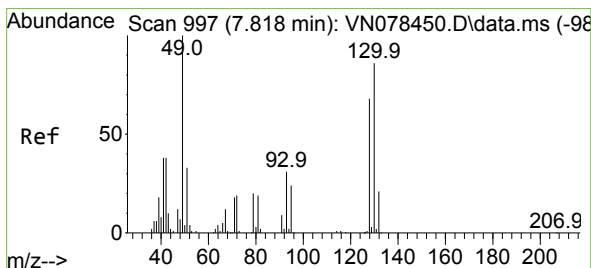
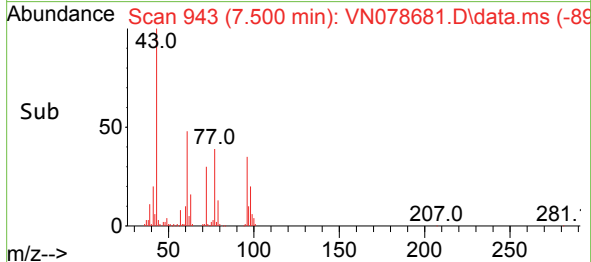
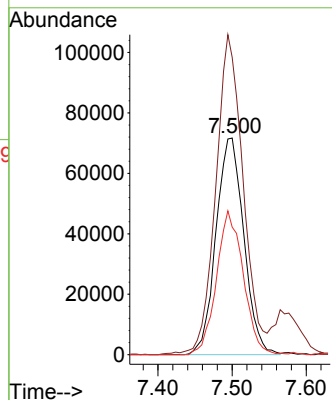
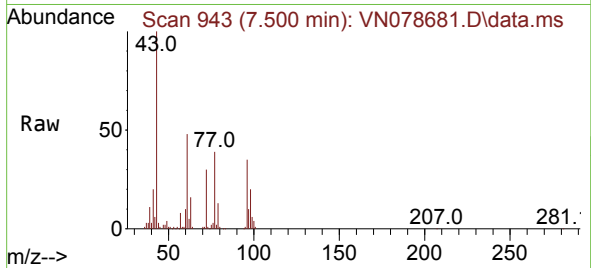




#27
 cis-1,2-Dichloroethene
 Concen: 19.164 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078681.D
 Acq: 28 Jul 2023 13:37

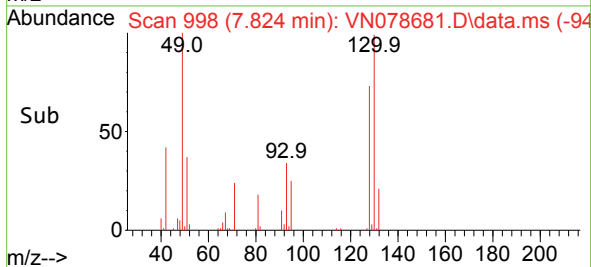
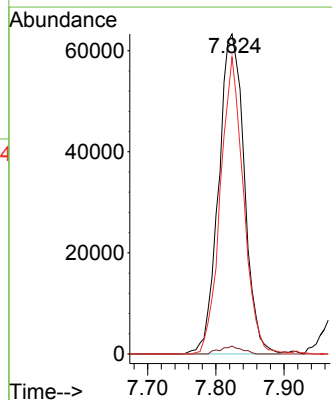
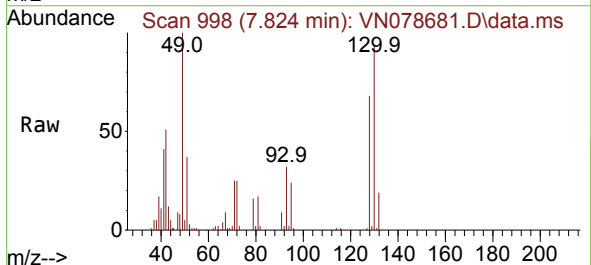
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS02

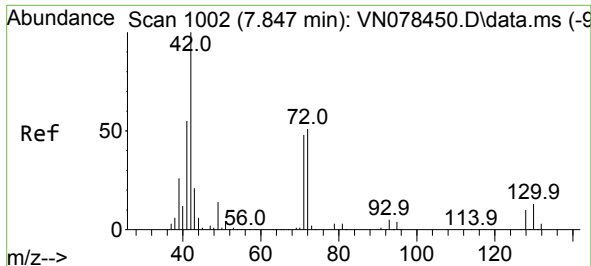
Tgt Ion: 96 Resp: 187174
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 255.2
 98 63.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 22.803 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078681.D
 Acq: 28 Jul 2023 13:37

Tgt Ion: 49 Resp: 165898
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 83.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 114.786 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

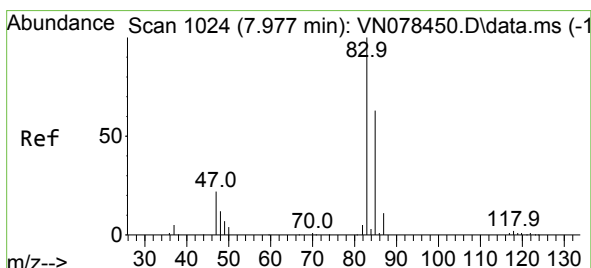
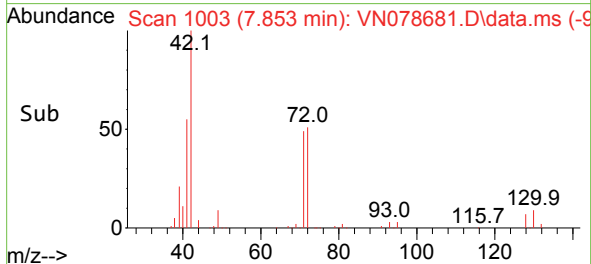
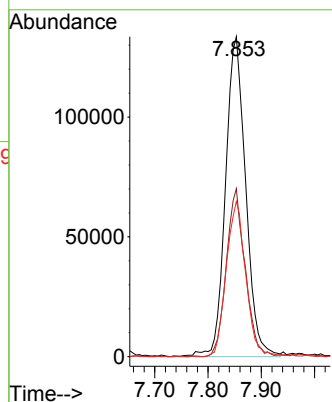
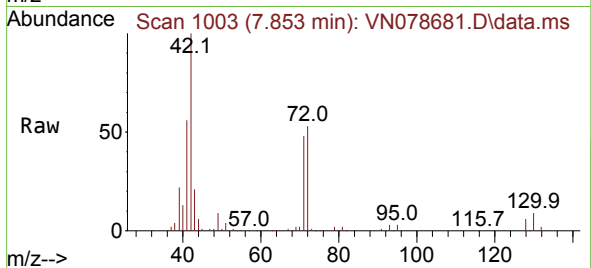
Tgt Ion: 42 Resp: 351545

Ion Ratio Lower Upper

42 100

72 49.0 49.8 74.6#

71 46.8 47.4 71.2#



#30

Chloroform

Concen: 19.474 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078681.D

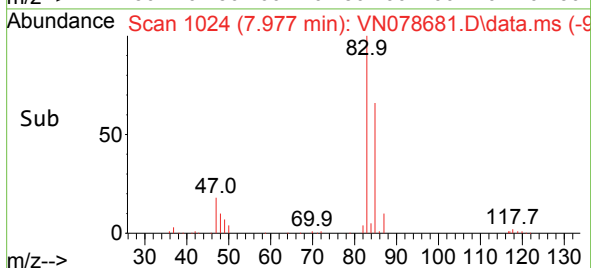
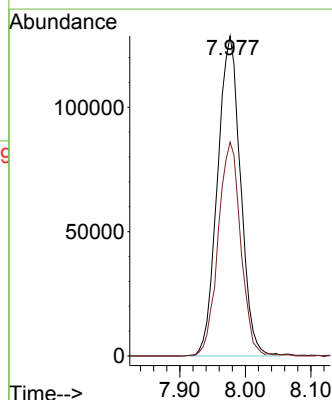
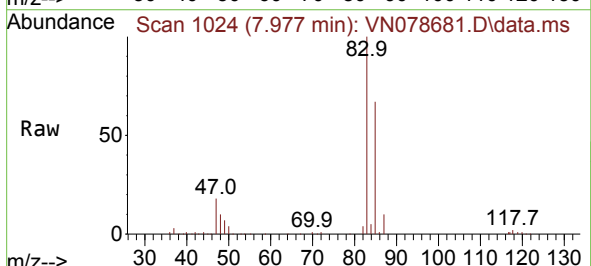
Acq: 28 Jul 2023 13:37

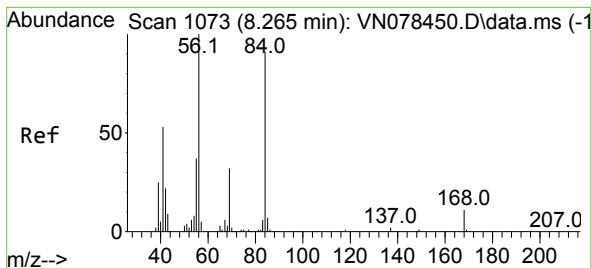
Tgt Ion: 83 Resp: 313167

Ion Ratio Lower Upper

83 100

85 66.8 55.4 83.0

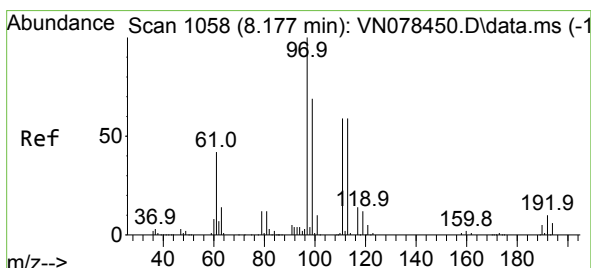
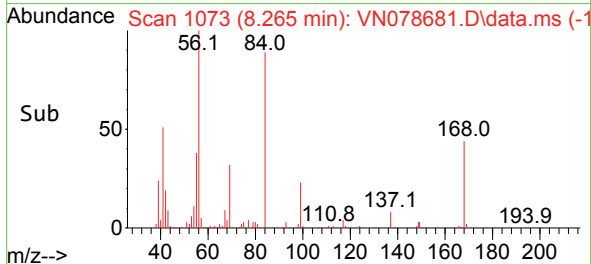
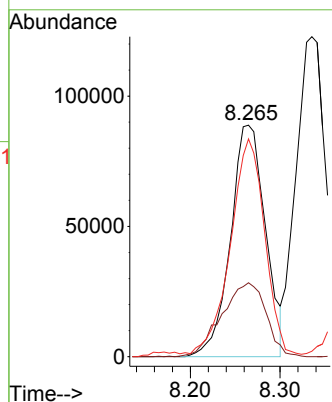
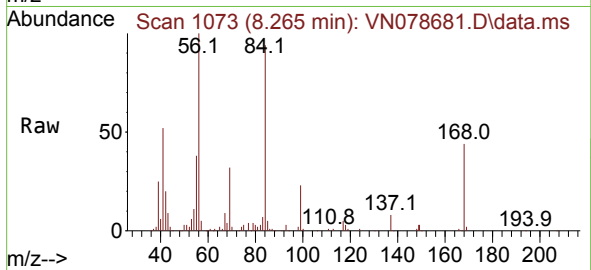




#31
Cyclohexane
Concen: 18.629 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

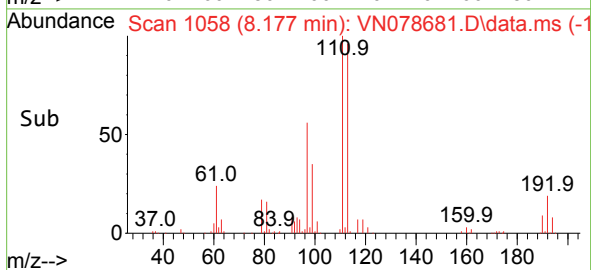
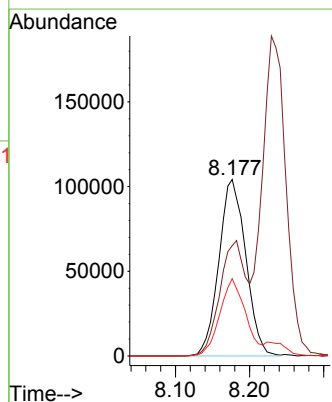
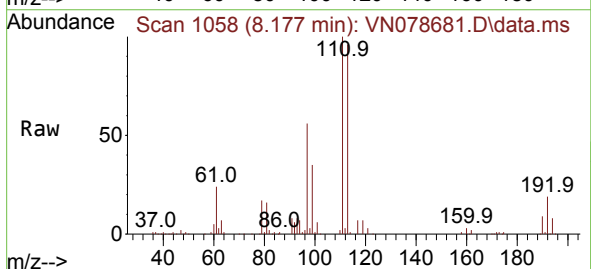
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

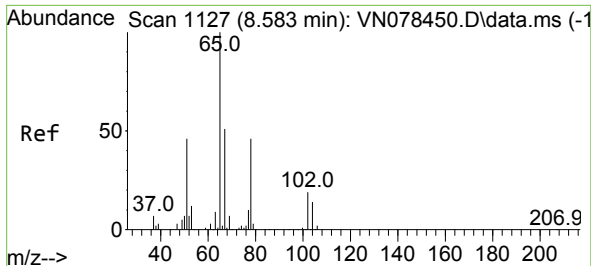
Tgt Ion: 56 Resp: 239648
Ion Ratio Lower Upper
56 100
69 31.4 26.8 40.2
84 92.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.204 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 97 Resp: 262467
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 42.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.924 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

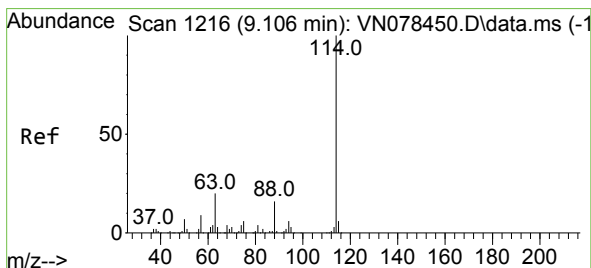
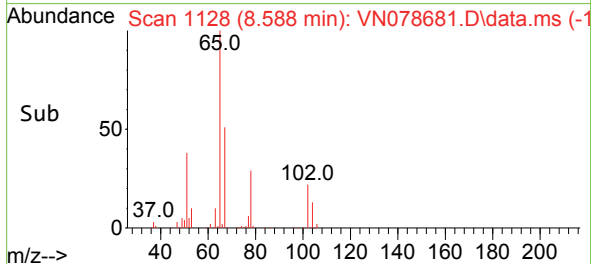
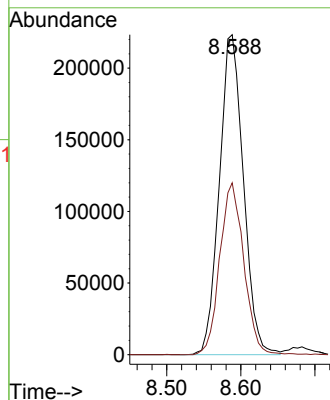
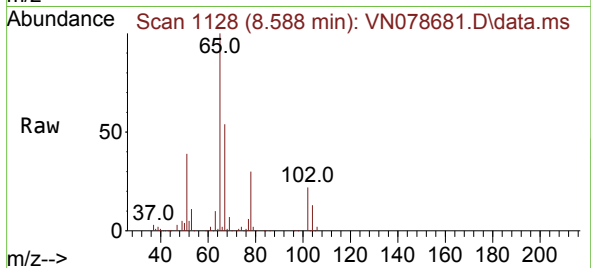
VN0728WBS02

Tgt Ion: 65 Resp: 503770

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

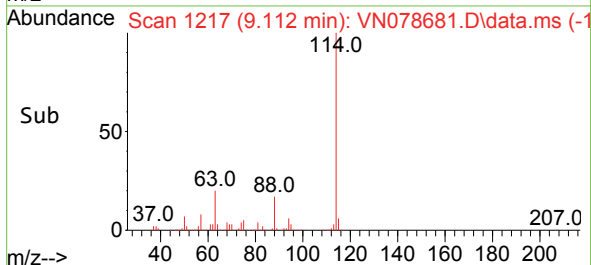
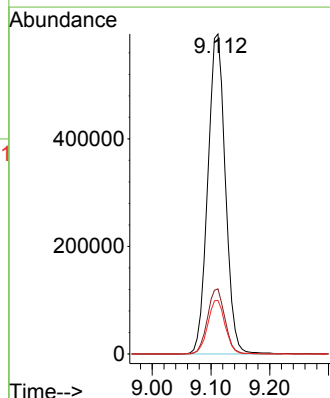
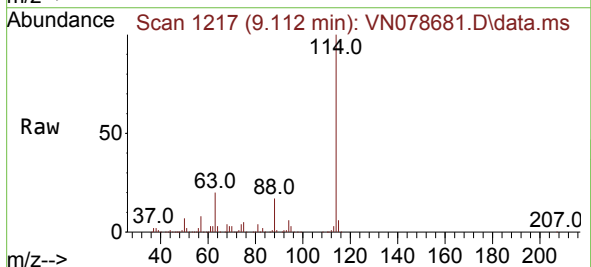
Tgt Ion: 114 Resp: 1233159

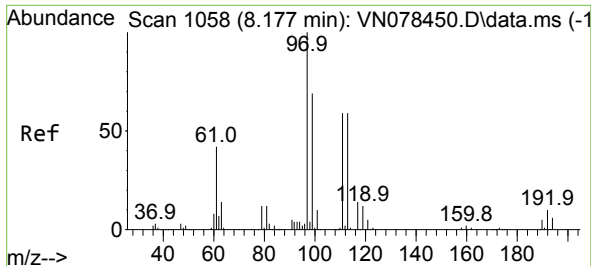
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 16.8 0.0 30.6

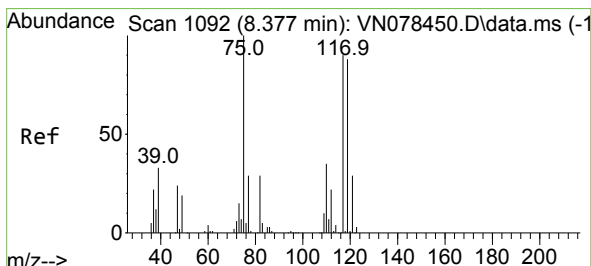
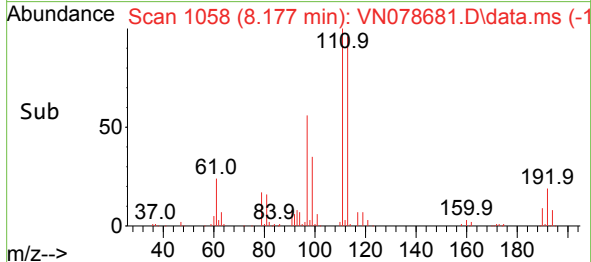
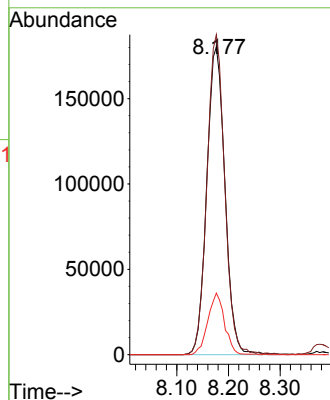
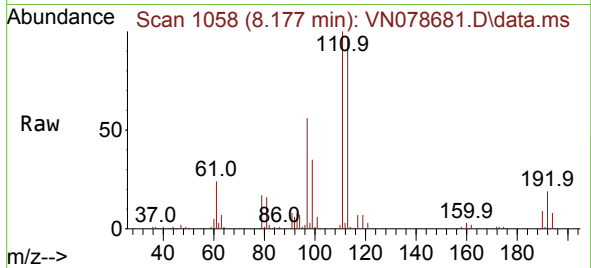




#35
Dibromofluoromethane
Concen: 52.639 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

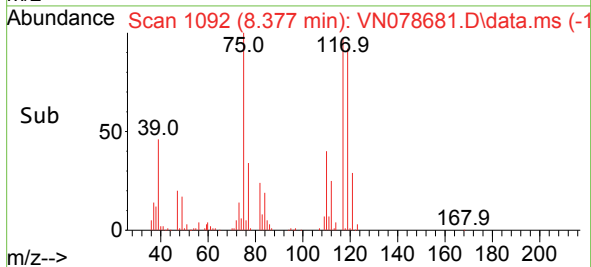
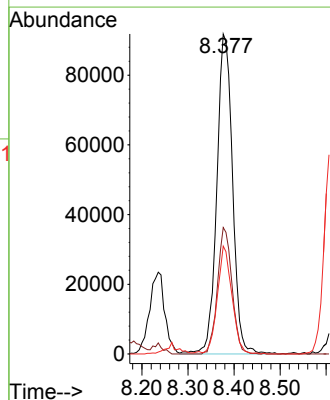
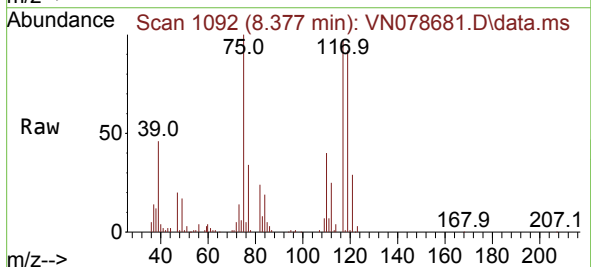
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

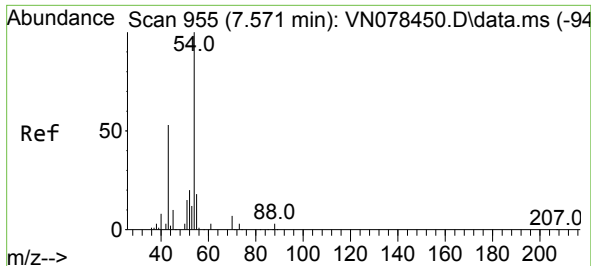
Tgt Ion:113 Resp: 440644
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 18.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.016 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 75 Resp: 217759
Ion Ratio Lower Upper
75 100
110 36.4 19.1 57.3
77 31.2 25.0 37.4

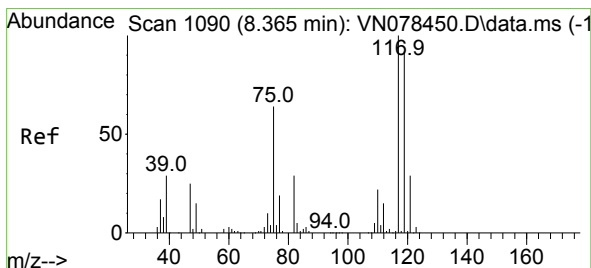
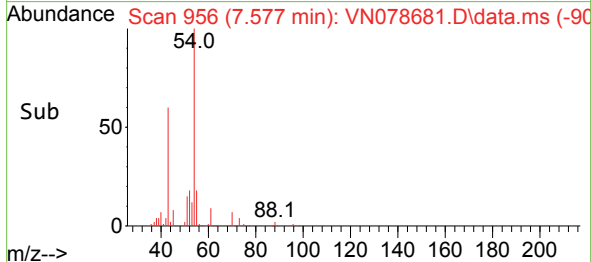
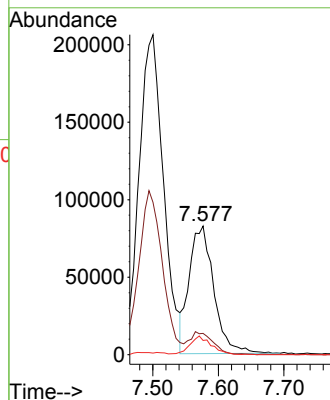
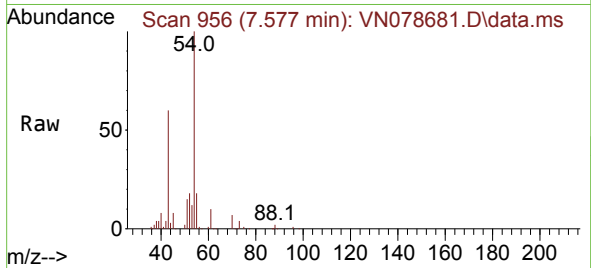




#37
Ethyl Acetate
Concen: 21.332 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

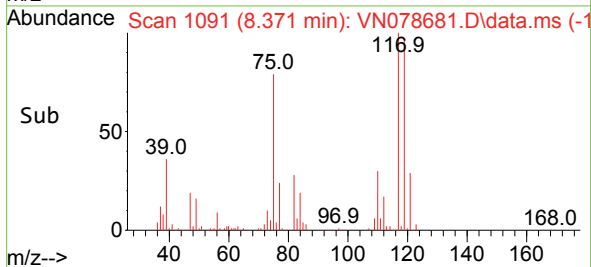
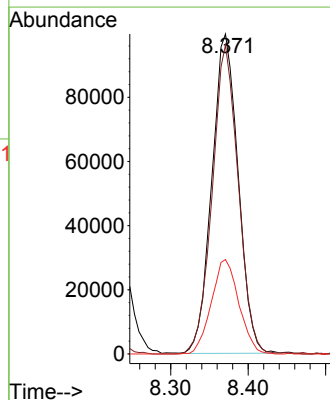
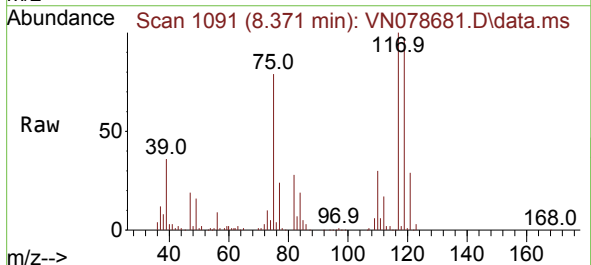
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

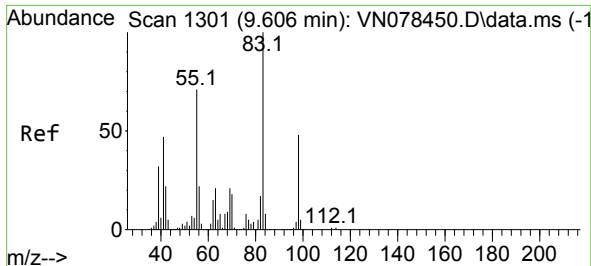
Tgt Ion: 43 Resp: 214937
Ion Ratio Lower Upper
43 100
61 16.9 13.2 19.8
70 12.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 17.835 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 117 Resp: 234298
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 29.6 23.3 34.9





#39

Methylcyclohexane

Concen: 18.255 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

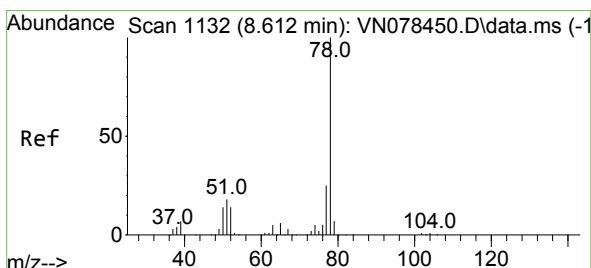
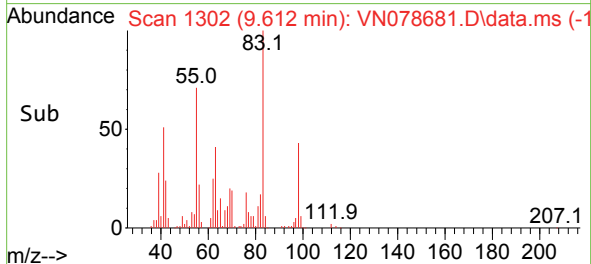
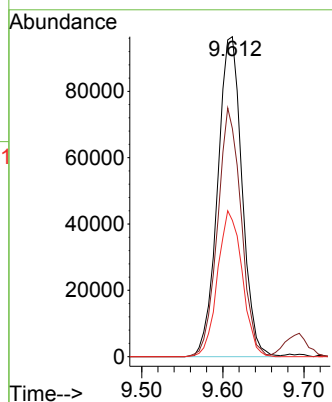
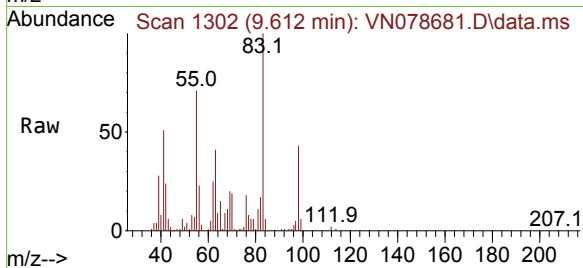
Tgt Ion: 83 Resp: 201403

Ion Ratio Lower Upper

83 100

55 71.3 49.1 73.7

98 42.6 40.6 61.0



#40

Benzene

Concen: 20.071 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN078681.D

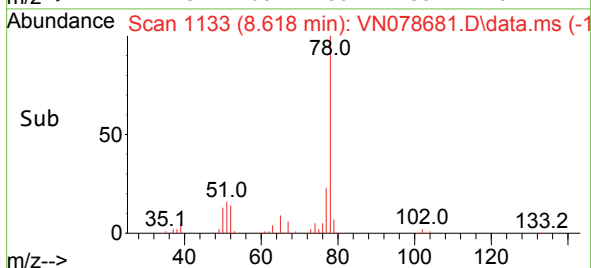
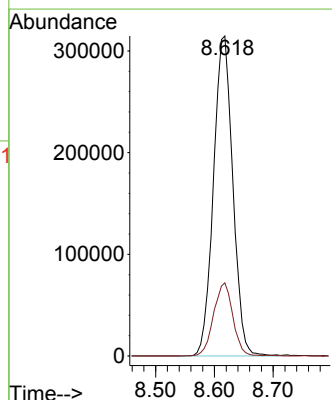
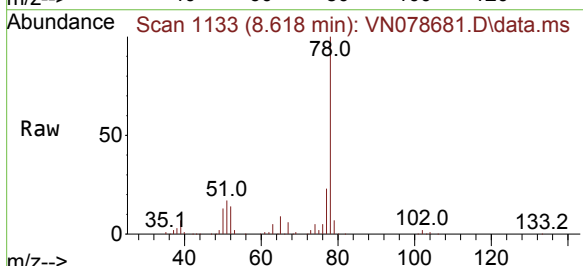
Acq: 28 Jul 2023 13:37

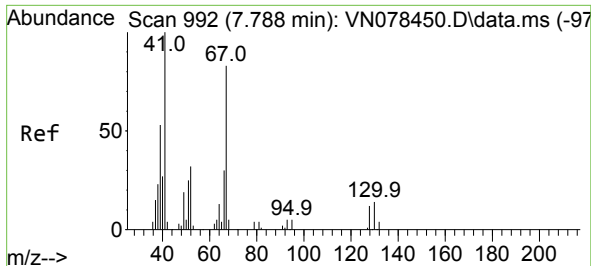
Tgt Ion: 78 Resp: 718736

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6



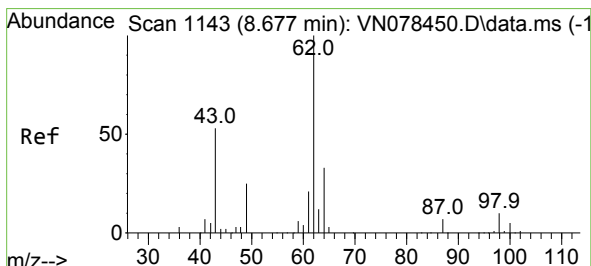
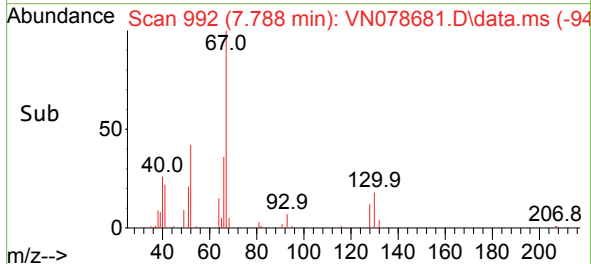
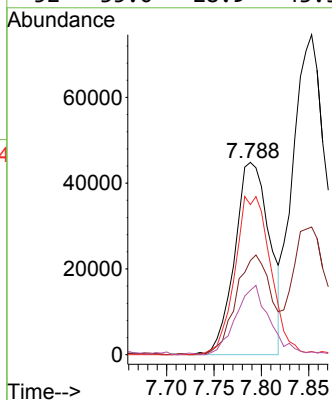
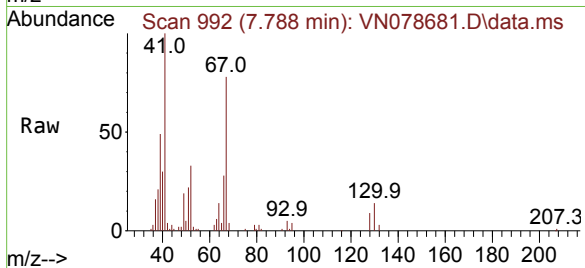


#41
Methacrylonitrile
Concen: 22.443 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

Tgt Ion: 41 Resp: 115283

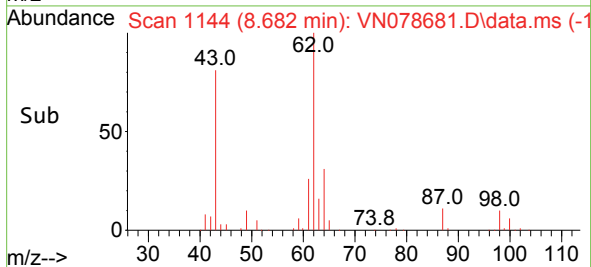
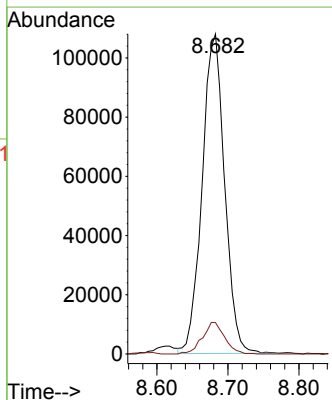
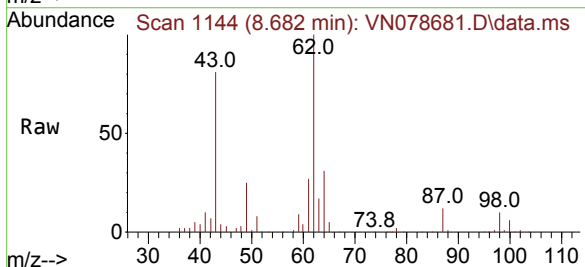
Ion	Ratio	Lower	Upper
41	100		
39	51.8	42.6	64.0
67	84.0	77.5	116.3
52	35.0	28.9	43.3

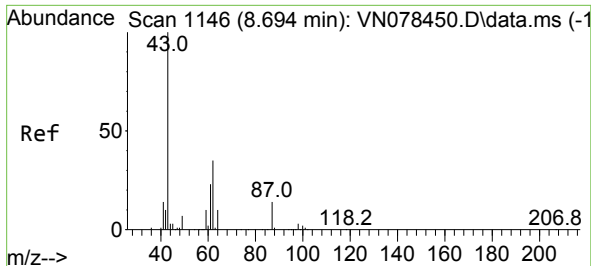


#42
1,2-Dichloroethane
Concen: 19.503 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 62 Resp: 237544

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8

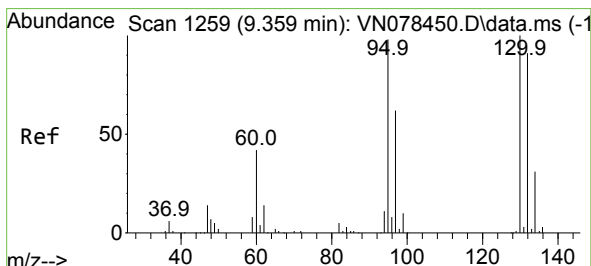
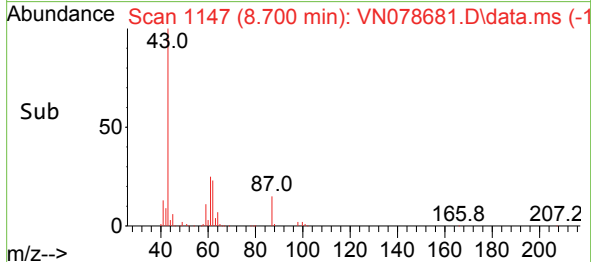
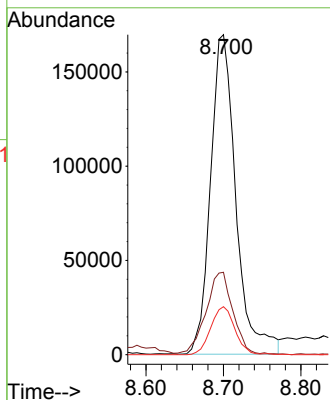
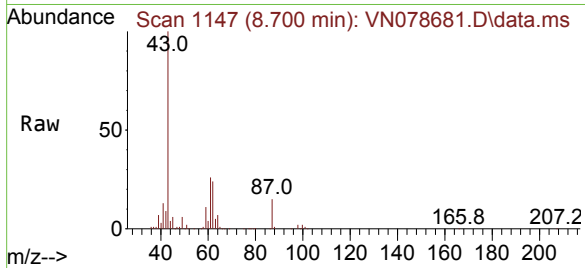




#43
Isopropyl Acetate
Concen: 23.284 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

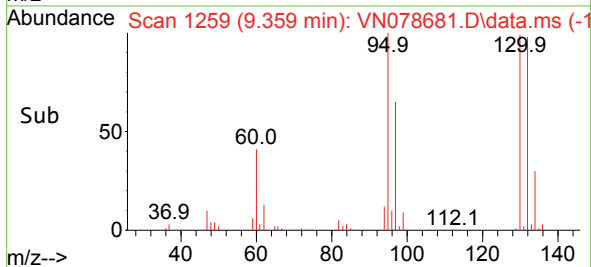
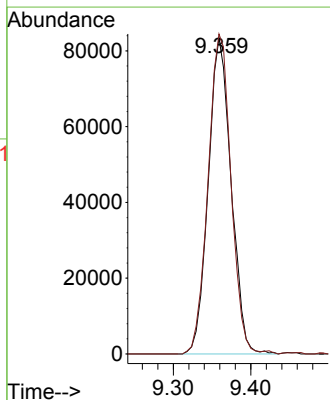
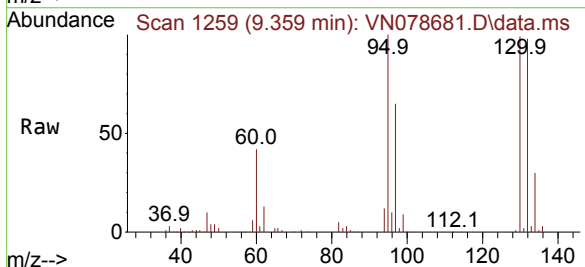
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

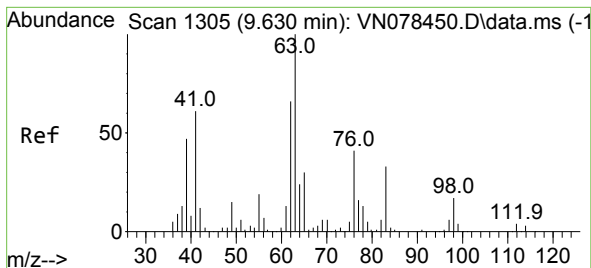
Tgt Ion: 43 Resp: 386264
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 14.3 14.6 21.8#



#44
Trichloroethene
Concen: 17.709 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion:130 Resp: 170910
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.124 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

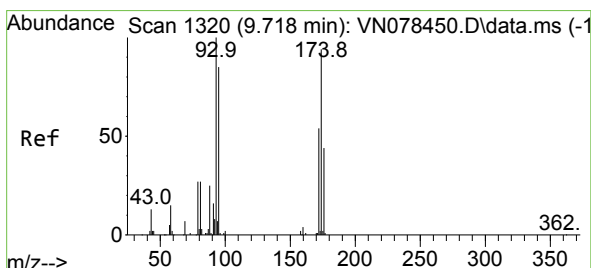
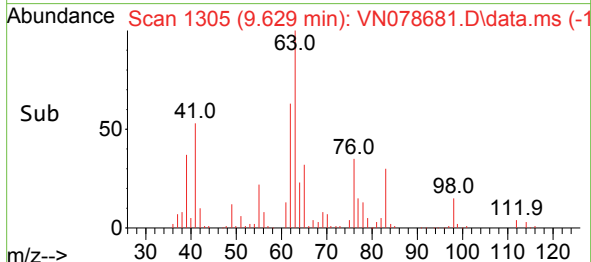
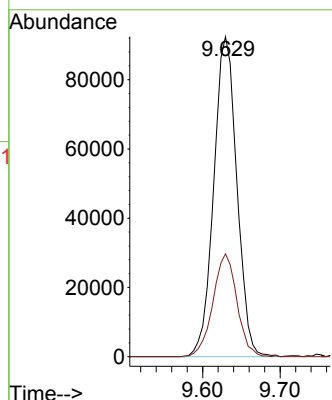
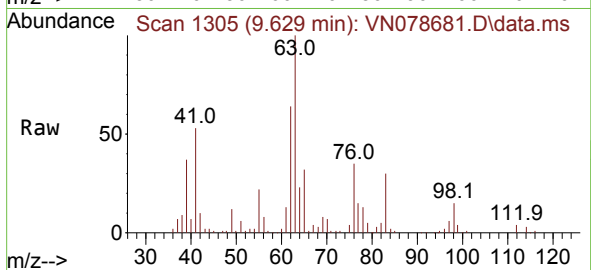
VN0728WBS02

Tgt Ion: 63 Resp: 191584

Ion Ratio Lower Upper

63 100

65 32.2 23.9 35.9



#46

Dibromomethane

Concen: 19.714 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

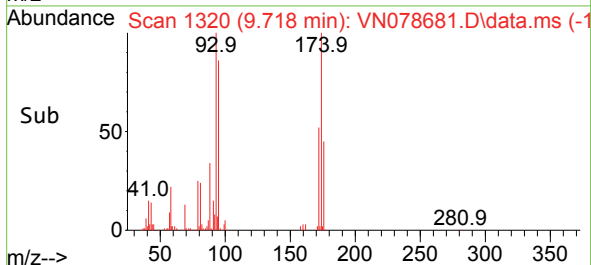
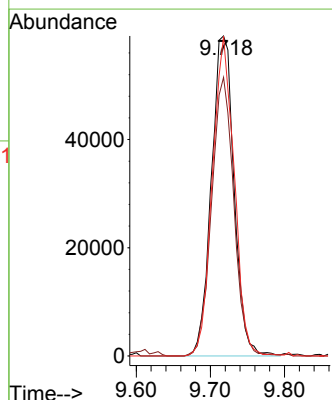
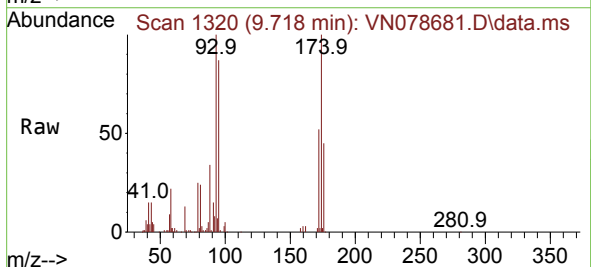
Tgt Ion: 93 Resp: 125841

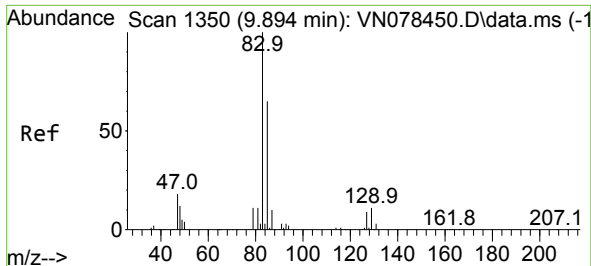
Ion Ratio Lower Upper

93 100

95 85.3 63.8 95.8

174 95.7 65.6 98.4

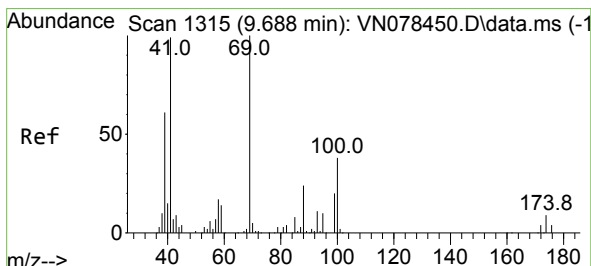
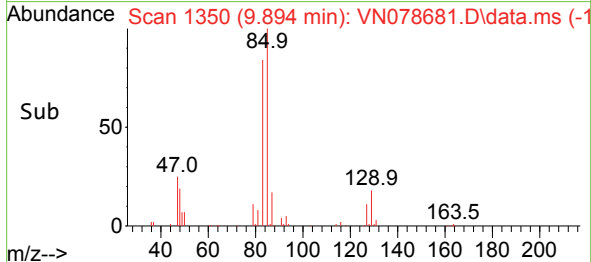
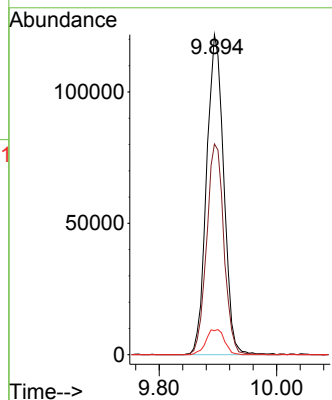
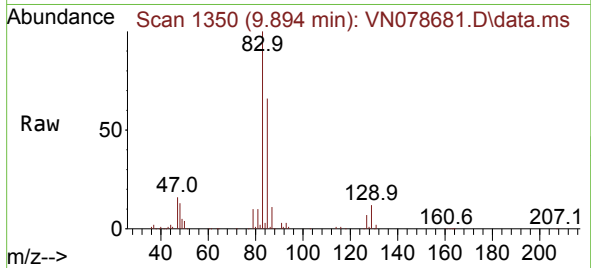




#47
Bromodichloromethane
Concen: 19.211 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

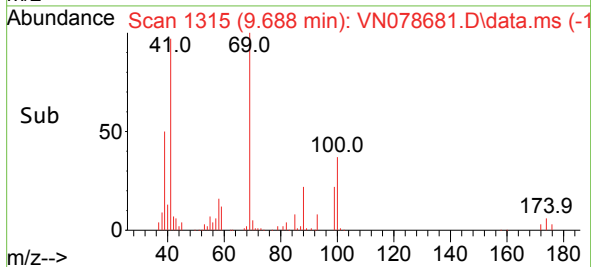
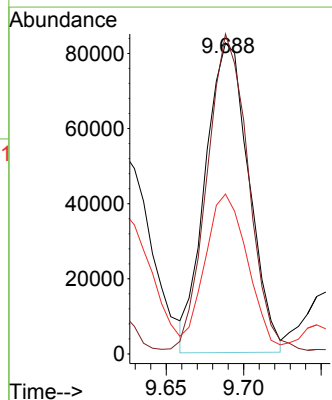
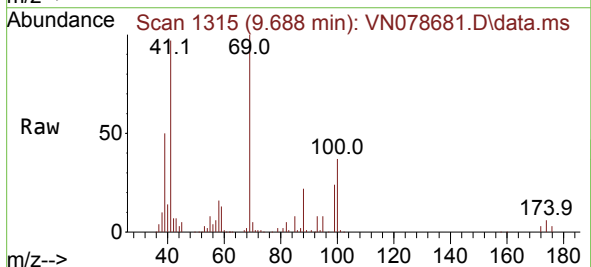
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

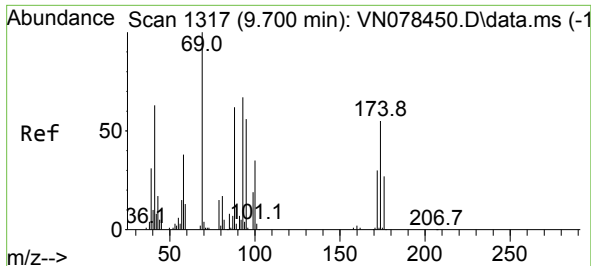
Tgt Ion: 83 Resp: 245824
Ion Ratio Lower Upper
83 100
85 65.8 49.6 74.4
127 7.5 7.0 10.6



#48
Methyl methacrylate
Concen: 20.998 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 41 Resp: 161380
Ion Ratio Lower Upper
41 100
69 100.3 90.4 135.6
39 51.2 54.6 81.8#





#49

1,4-Dioxane

Concen: 431.992 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

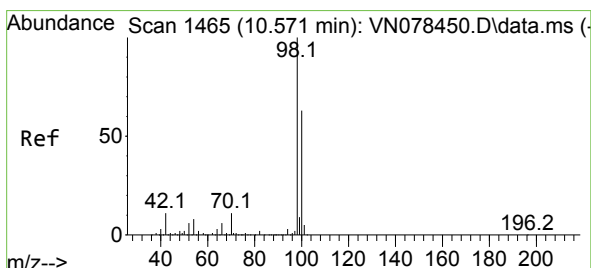
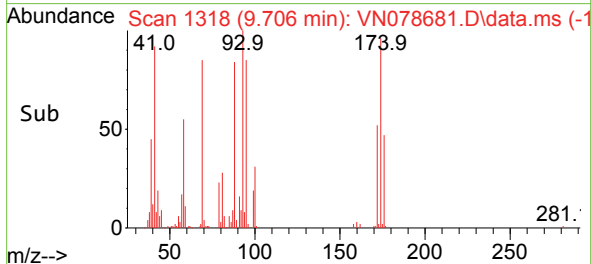
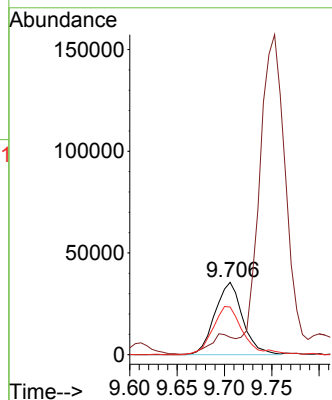
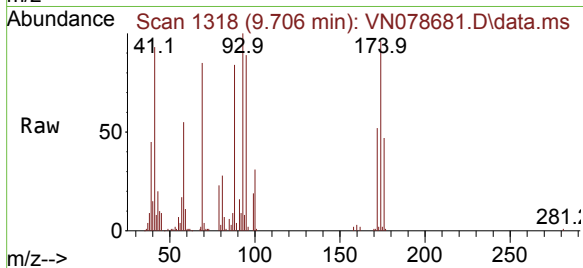
Tgt Ion: 88 Resp: 72404

Ion Ratio Lower Upper

88 100

43 24.4 17.0 25.6

58 72.9 47.0 70.4#



#50

Toluene-d8

Concen: 48.479 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078681.D

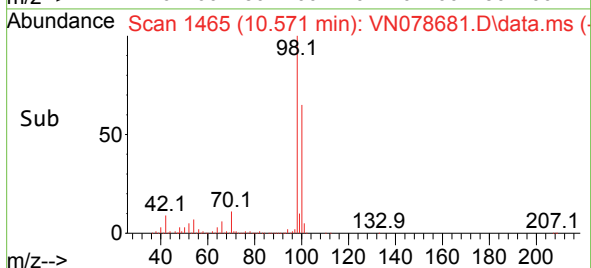
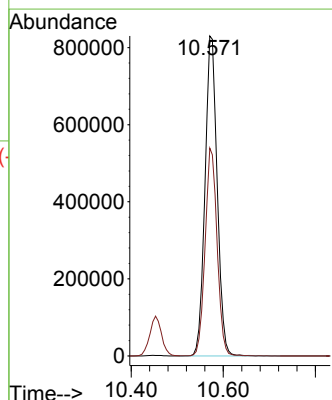
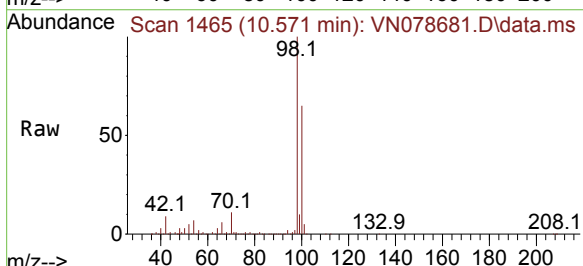
Acq: 28 Jul 2023 13:37

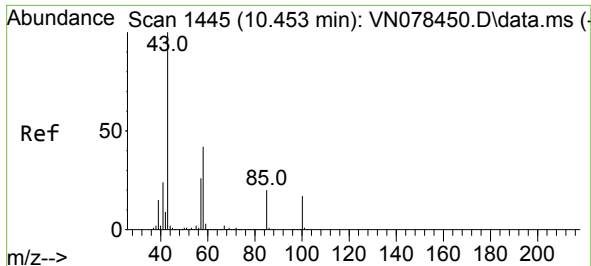
Tgt Ion: 98 Resp: 1533066

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

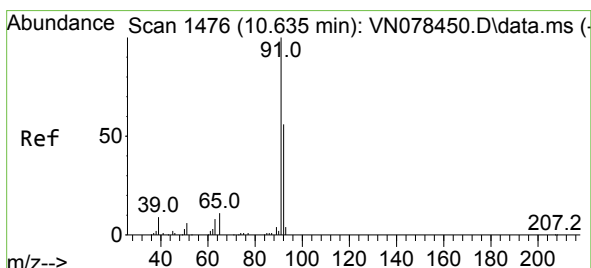
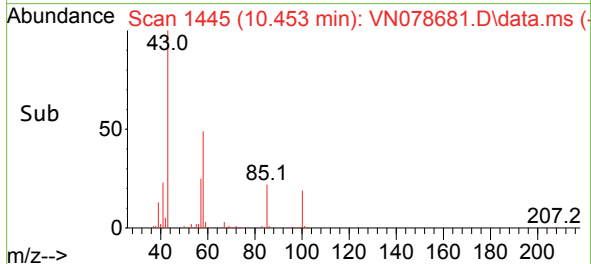
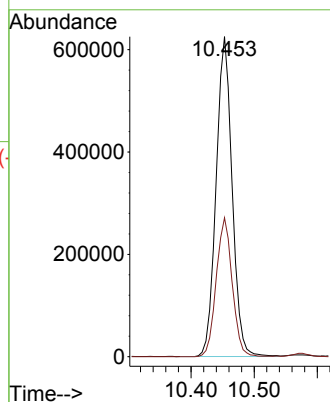
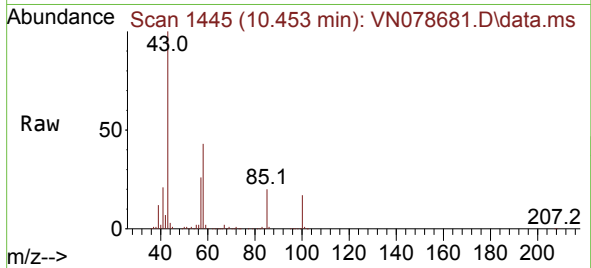




#51
4-Methyl-2-Pentanone
Concen: 111.416 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

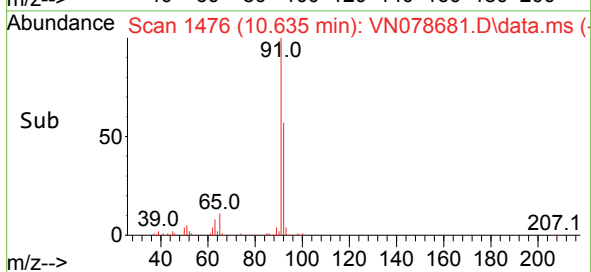
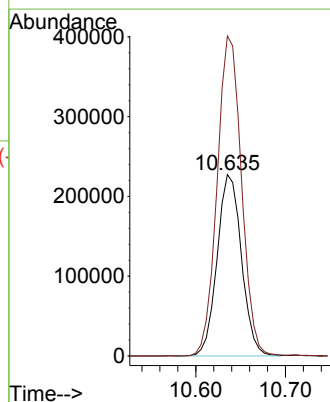
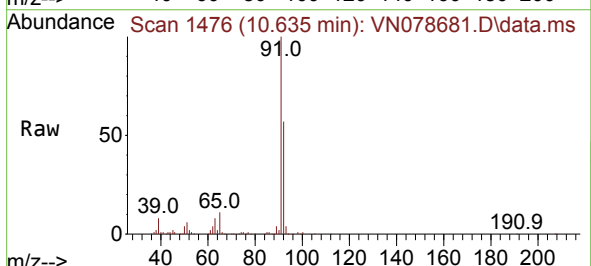
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

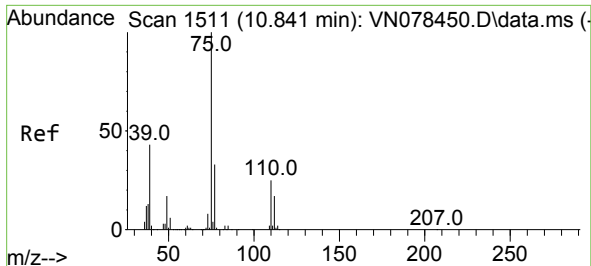
Tgt Ion: 43 Resp: 1099366
Ion Ratio Lower Upper
43 100
58 43.4 36.6 54.8



#52
Toluene
Concen: 19.293 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 92 Resp: 428170
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0

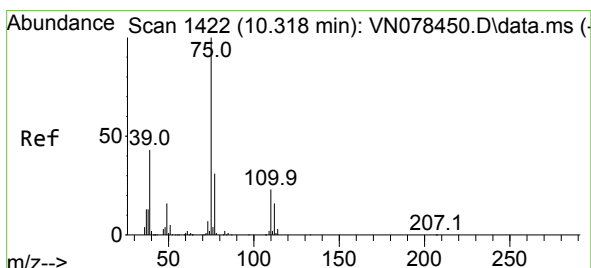
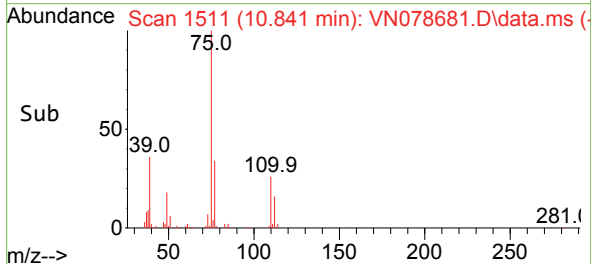
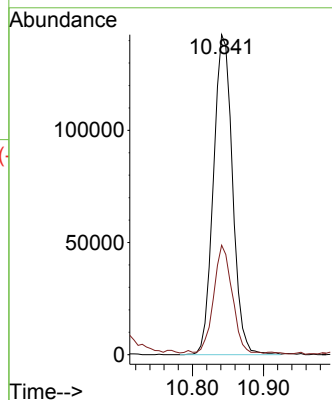
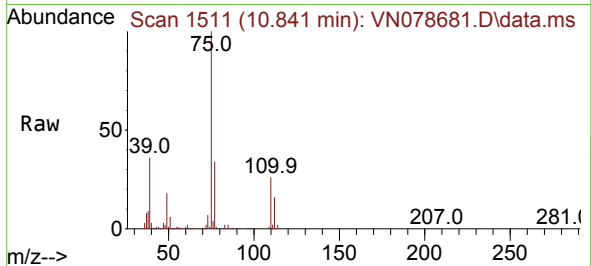




#53
t-1,3-Dichloropropene
Concen: 20.283 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

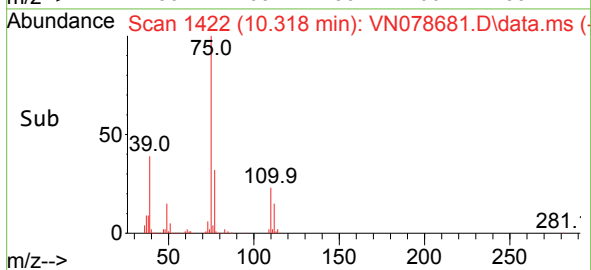
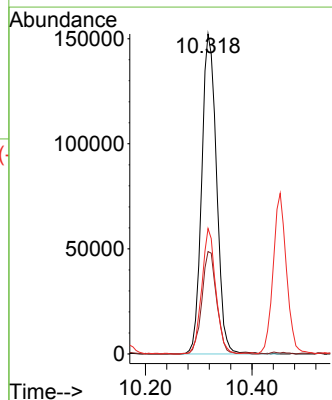
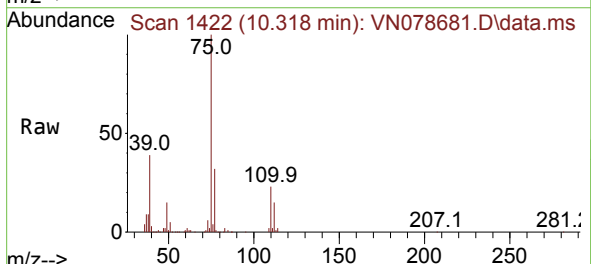
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

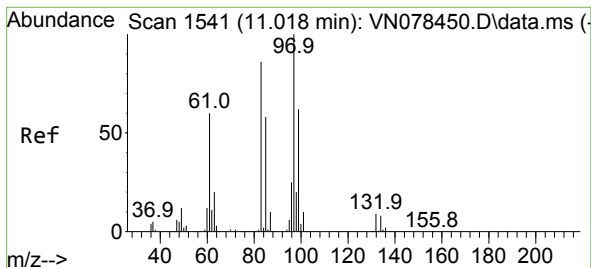
Tgt Ion: 75 Resp: 265886
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 21.096 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 75 Resp: 294788
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 39.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.746 ug/l

RT: 11.023 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

Tgt Ion: 97 Resp: 181408

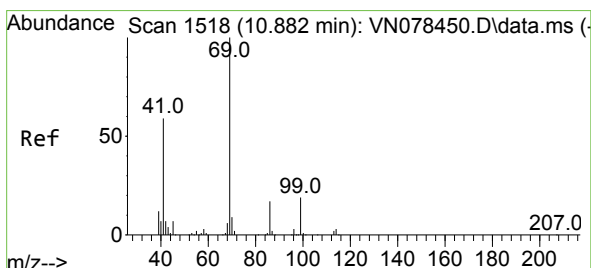
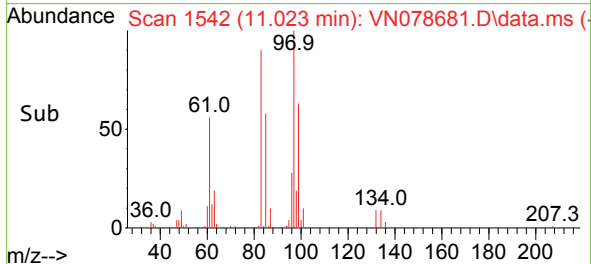
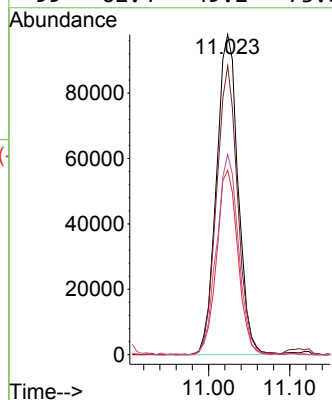
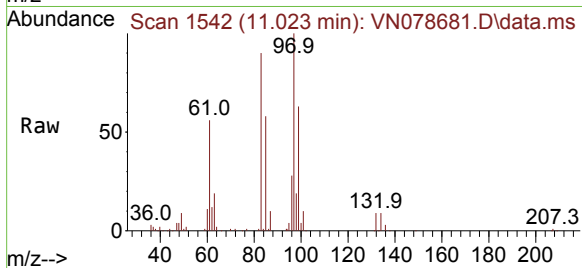
Ion Ratio Lower Upper

97 100

83 90.3 65.1 97.7

85 57.6 43.4 65.2

99 62.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 21.700 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

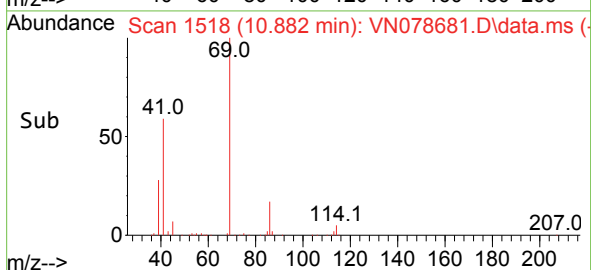
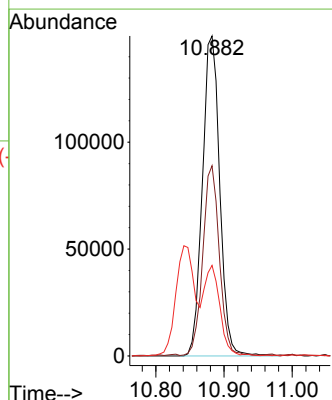
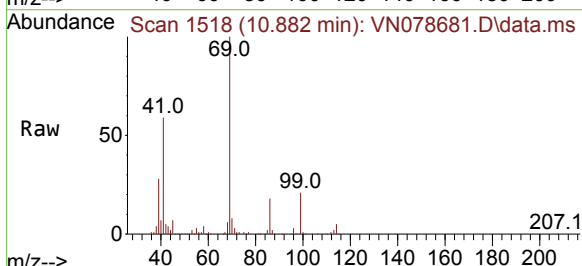
Tgt Ion: 69 Resp: 265245

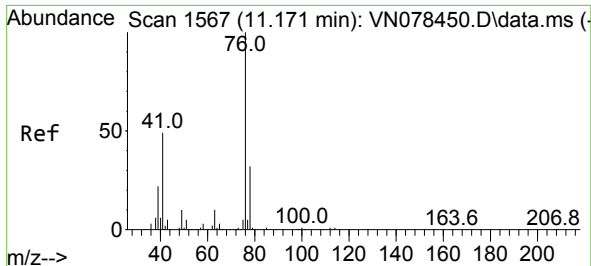
Ion Ratio Lower Upper

69 100

41 56.5 39.6 59.4

39 25.3 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 20.822 ug/l

RT: 11.170 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

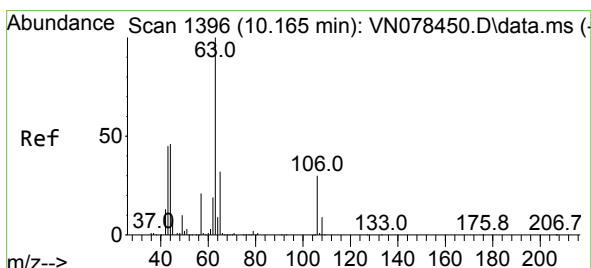
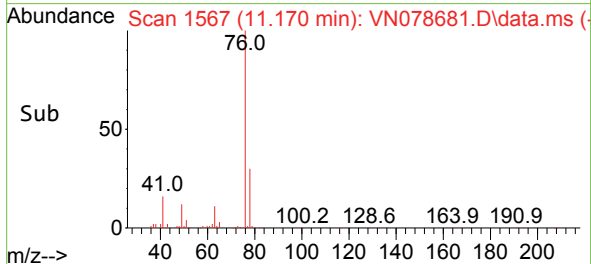
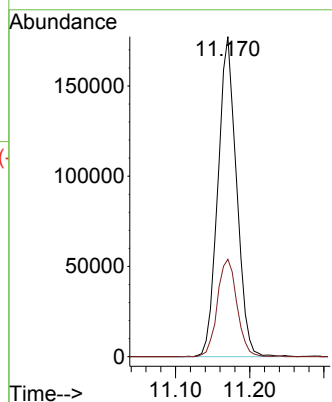
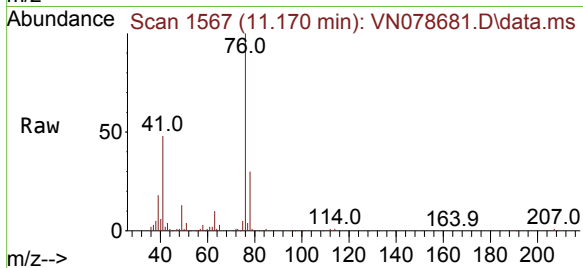
VN0728WBS02

Tgt Ion: 76 Resp: 309571

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 114.587 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078681.D

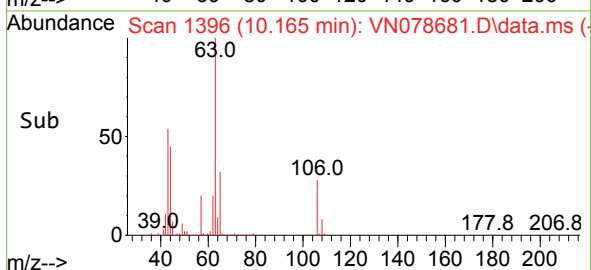
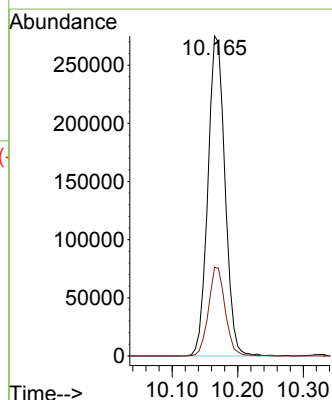
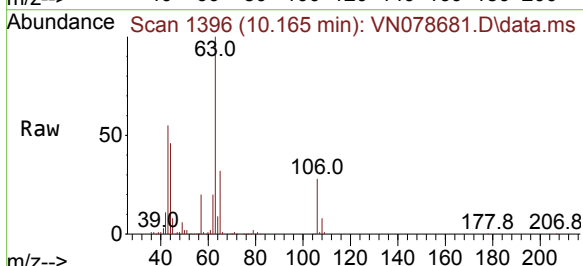
Acq: 28 Jul 2023 13:37

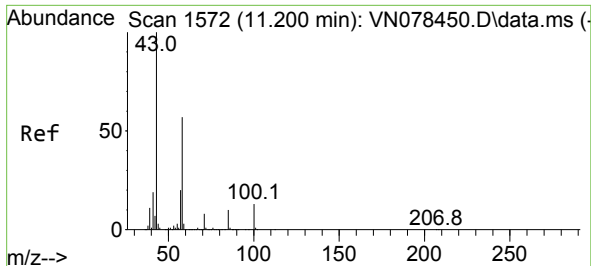
Tgt Ion: 63 Resp: 499149

Ion Ratio Lower Upper

63 100

106 27.1 26.2 39.4

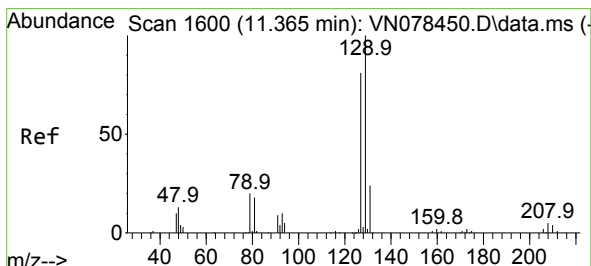
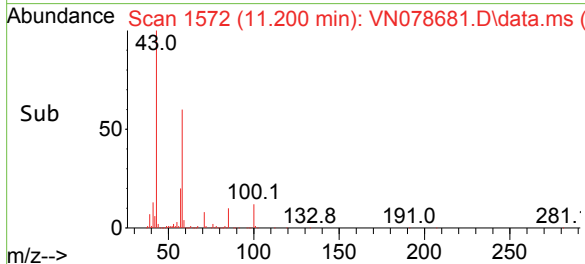
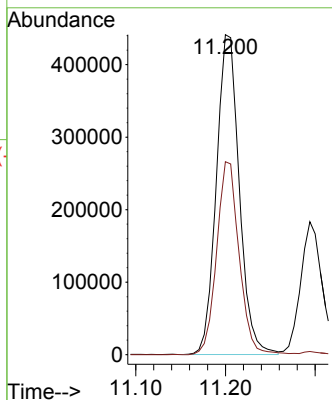
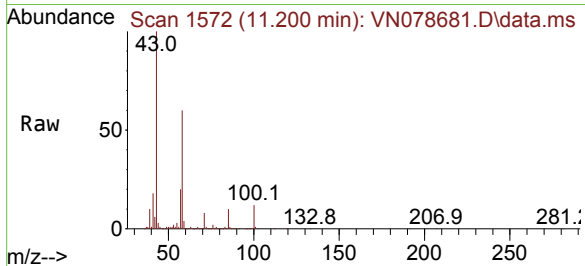




#59
2-Hexanone
Concen: 111.634 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

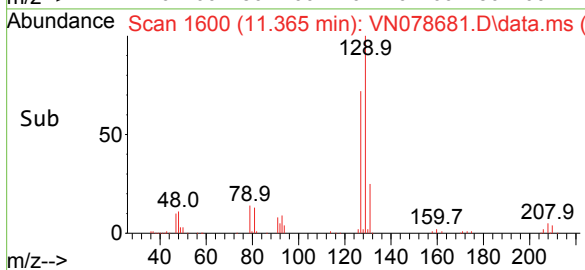
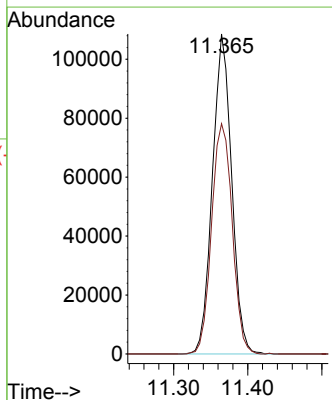
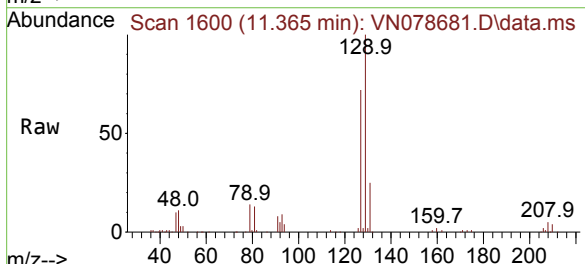
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

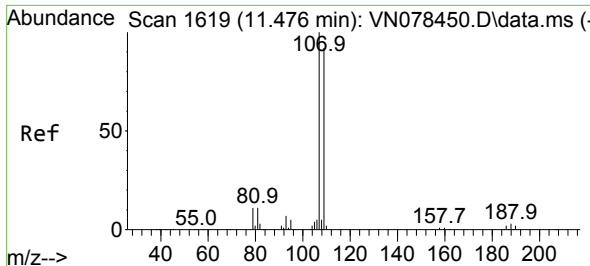
Tgt Ion: 43 Resp: 782863
Ion Ratio Lower Upper
43 100
58 59.1 31.7 95.1



#60
Dibromochloromethane
Concen: 20.263 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 129 Resp: 195605
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

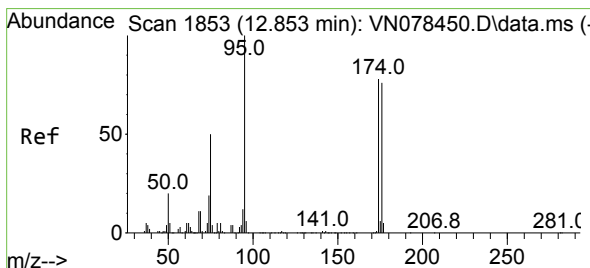
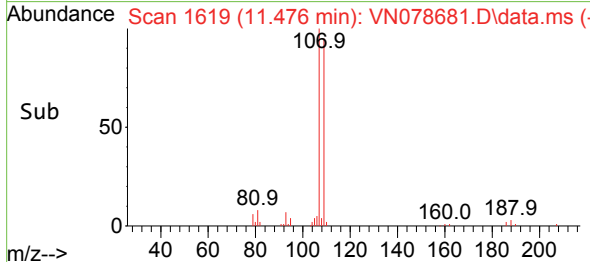
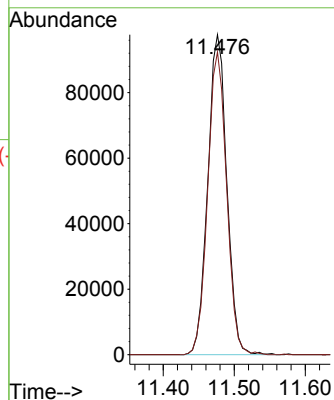
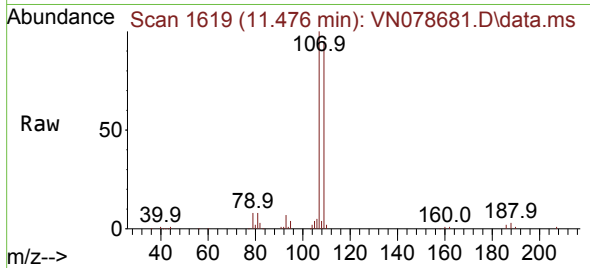




#61
1,2-Dibromoethane
Concen: 20.223 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

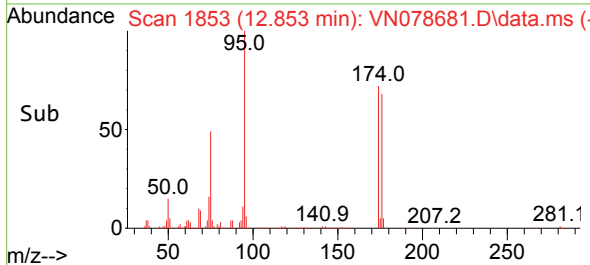
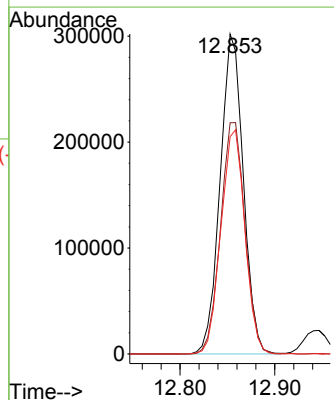
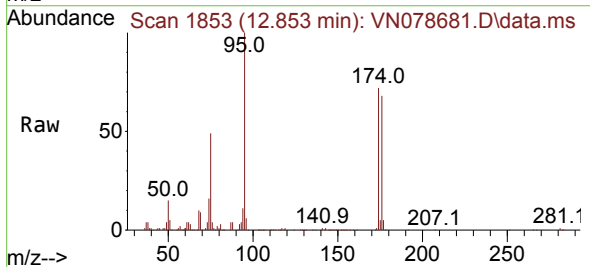
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

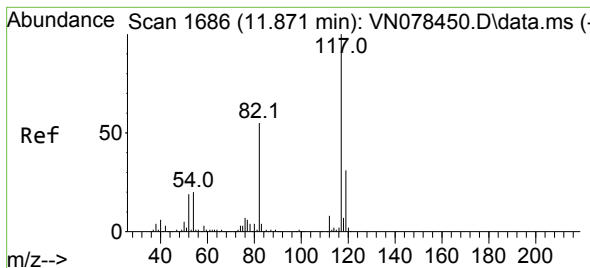
Tgt Ion:107 Resp: 182159
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.725 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 95 Resp: 513572
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 72.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

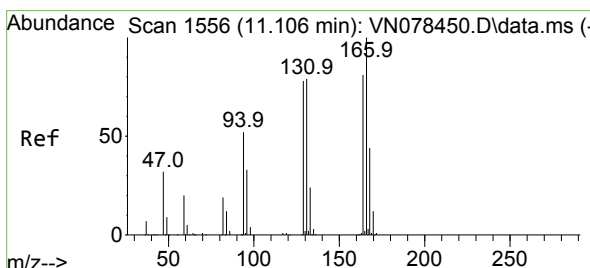
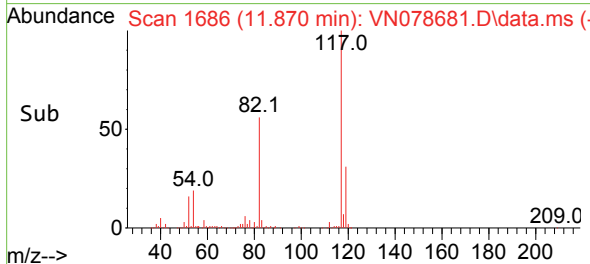
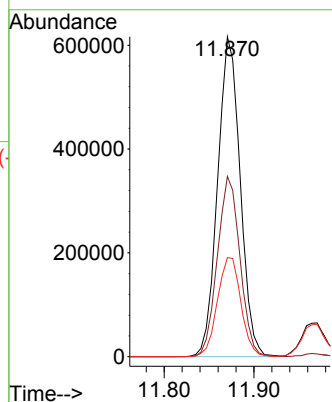
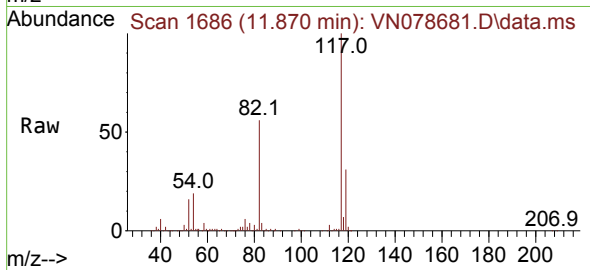
Tgt Ion:117 Resp: 1076744

Ion Ratio Lower Upper

117 100

82 56.3 44.0 66.0

119 31.0 25.6 38.4



#64

Tetrachloroethene

Concen: 16.844 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Tgt Ion:164 Resp: 136357

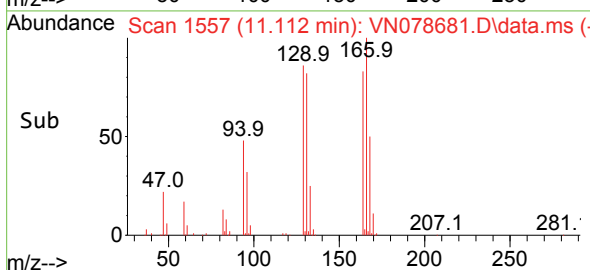
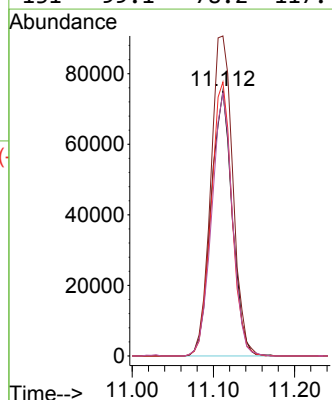
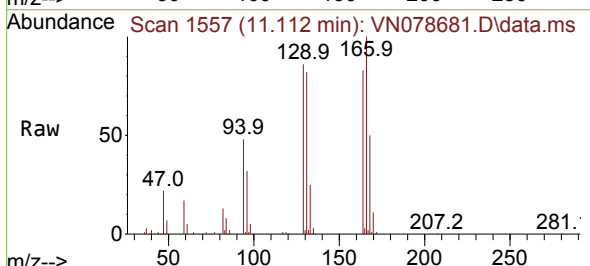
Ion Ratio Lower Upper

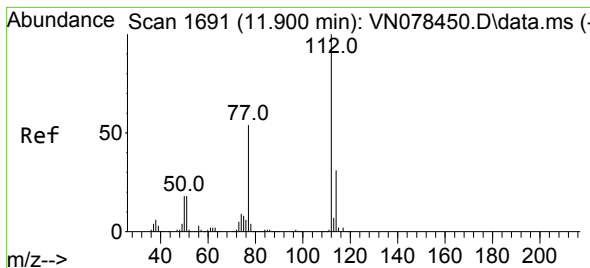
164 100

166 120.8 101.4 152.0

129 103.4 82.4 123.6

131 99.1 78.2 117.4





#65

Chlorobenzene

Concen: 18.650 ug/l

RT: 11.900 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

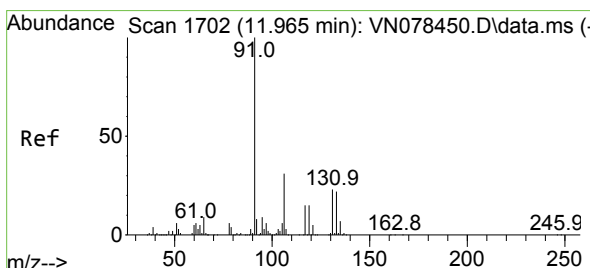
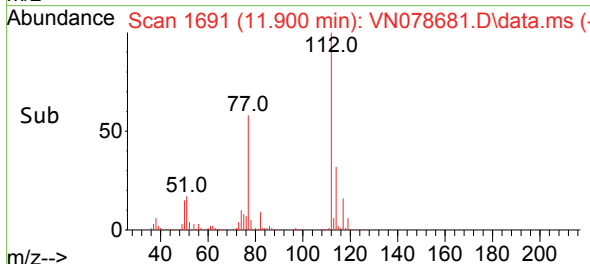
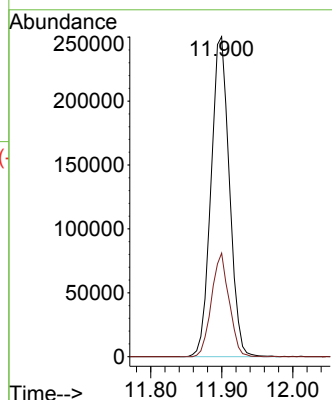
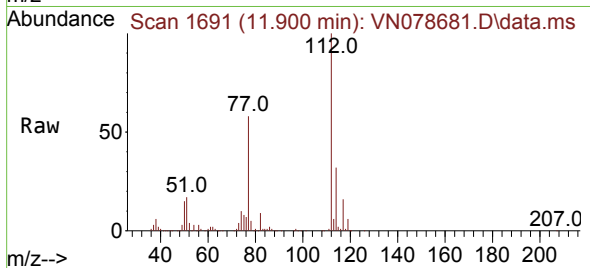
VN0728WBS02

Tgt Ion:112 Resp: 448867

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.169 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

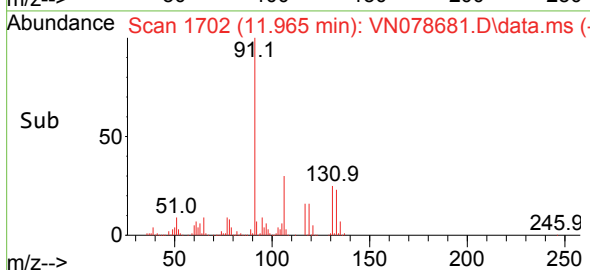
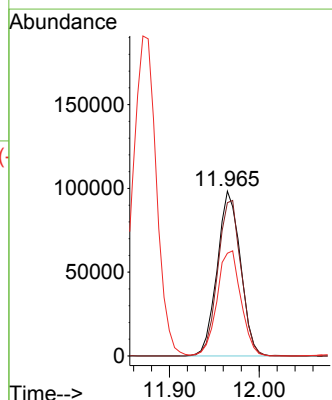
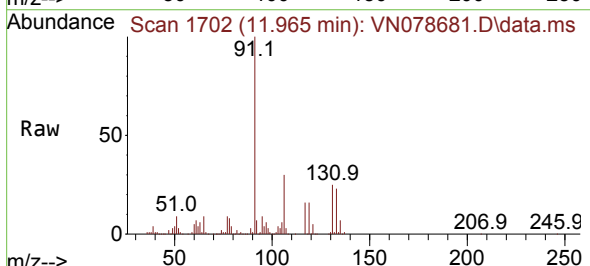
Tgt Ion:131 Resp: 177487

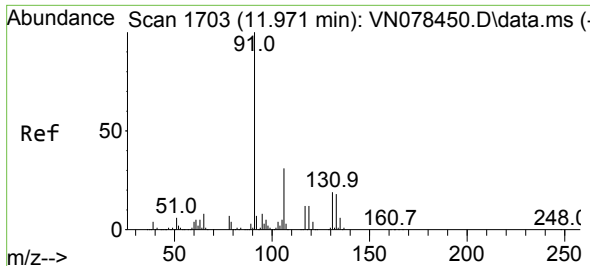
Ion Ratio Lower Upper

131 100

133 94.7 46.4 139.1

119 65.4 34.1 102.2

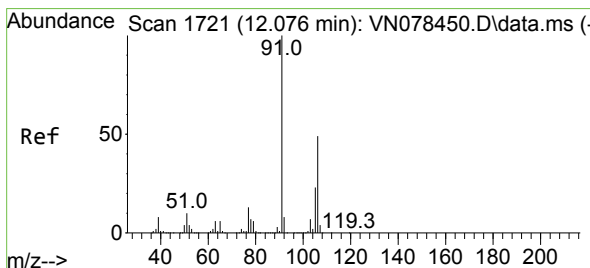
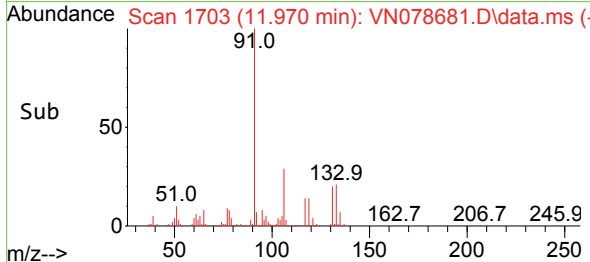
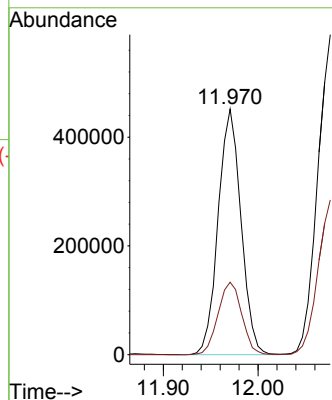
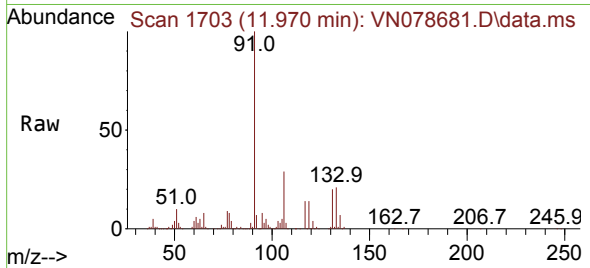




#67
Ethyl Benzene
Concen: 18.630 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

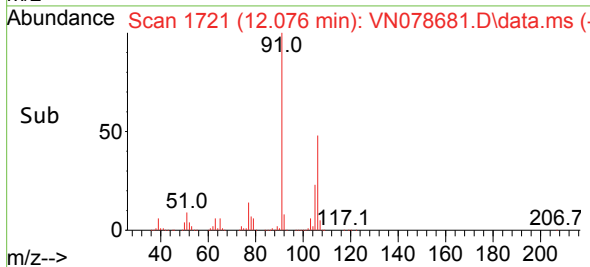
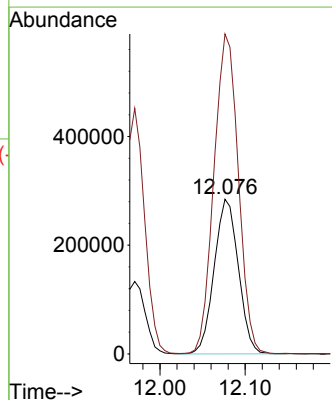
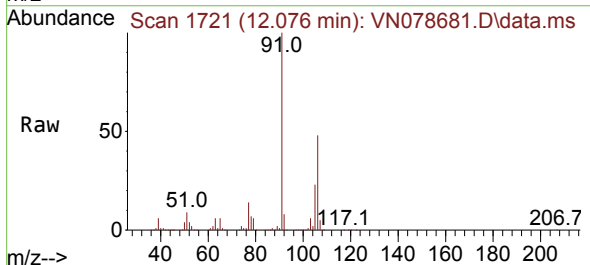
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

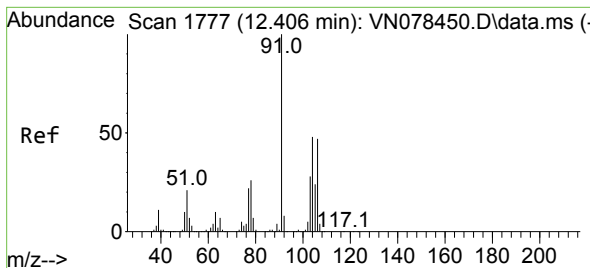
Tgt Ion: 91 Resp: 757909
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4



#68
m/p-Xylenes
Concen: 37.280 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion:106 Resp: 560743
Ion Ratio Lower Upper
106 100
91 208.8 159.6 239.4

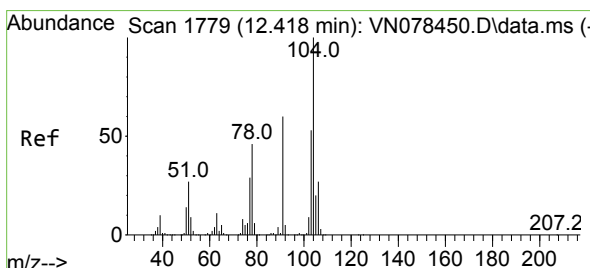
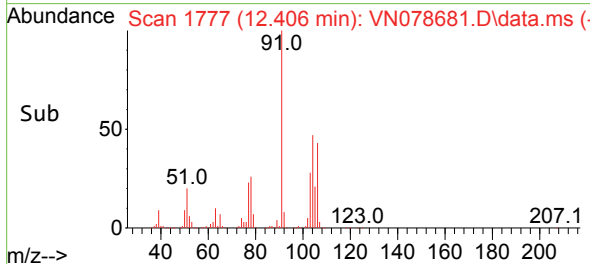
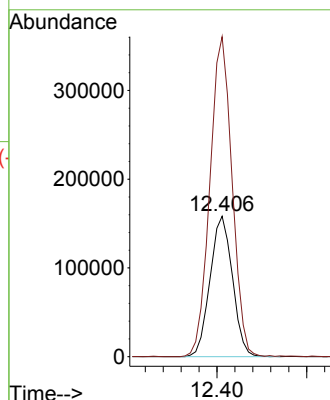
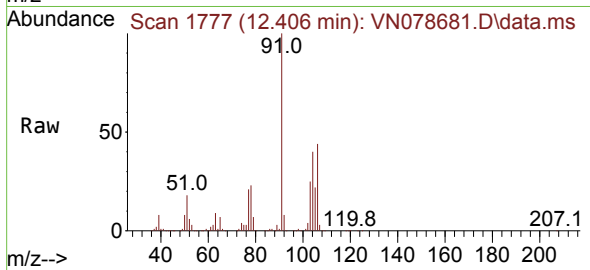




#69
o-Xylene
Concen: 18.034 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

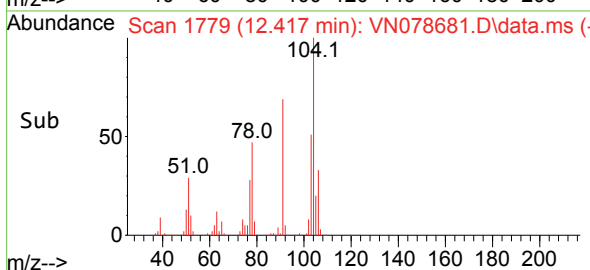
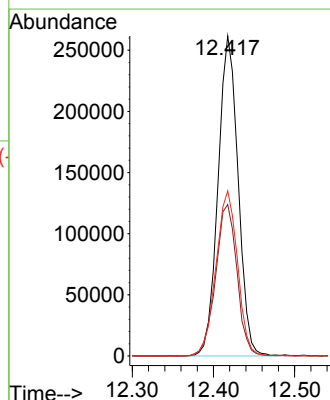
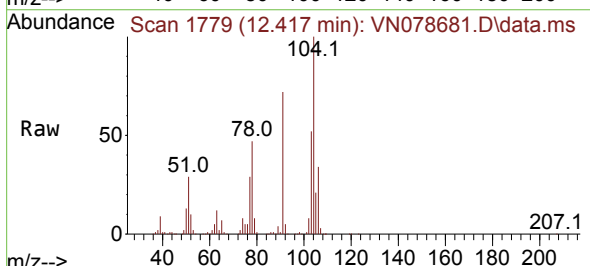
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

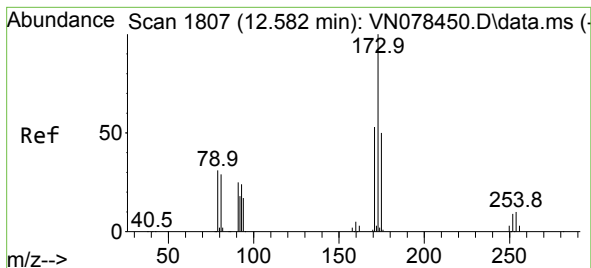
Tgt Ion:106 Resp: 273980
Ion Ratio Lower Upper
106 100
91 226.3 105.2 315.5



#70
Styrene
Concen: 18.937 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion:104 Resp: 450100
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 55.4 43.2 64.8





#71

Bromoform

Concen: 20.581 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

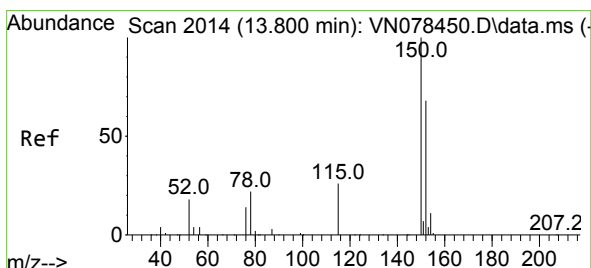
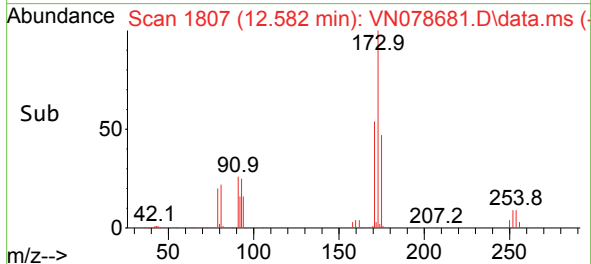
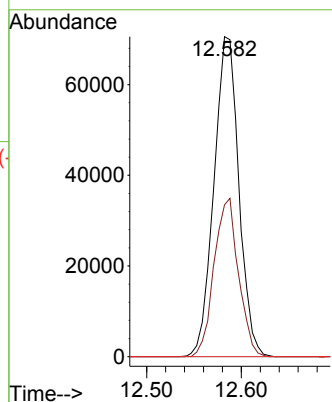
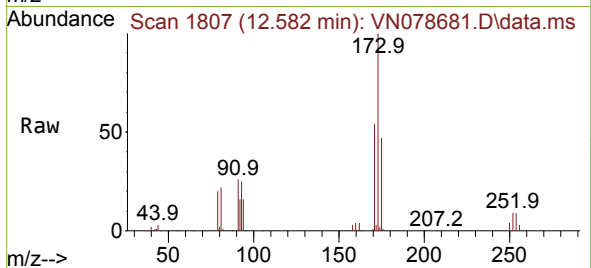
Tgt Ion:173 Resp: 129056

Ion Ratio Lower Upper

173 100

175 48.4 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: VN078681.D

Acq: 28 Jul 2023 13:37

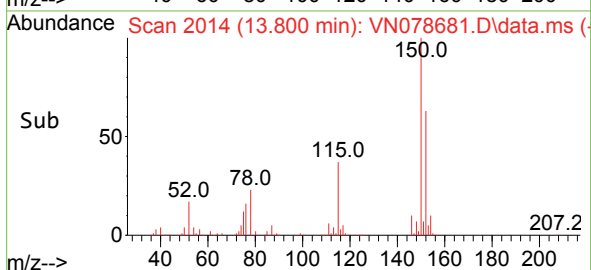
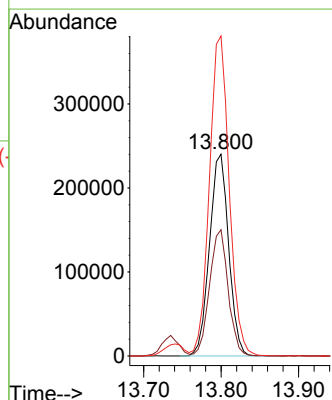
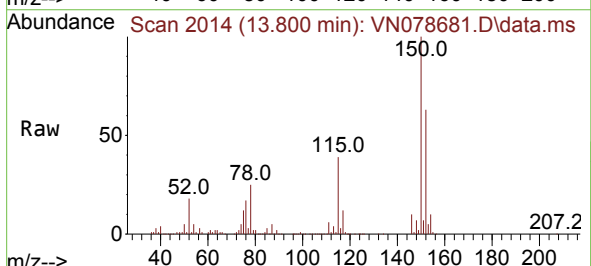
Tgt Ion:152 Resp: 413741

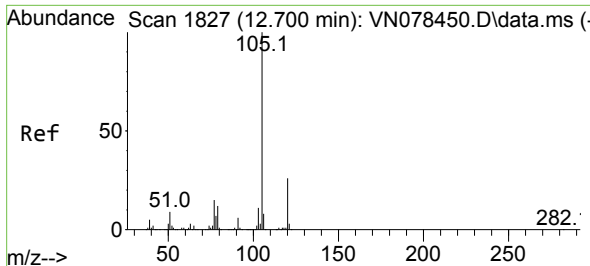
Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

150 163.6 0.0 355.8

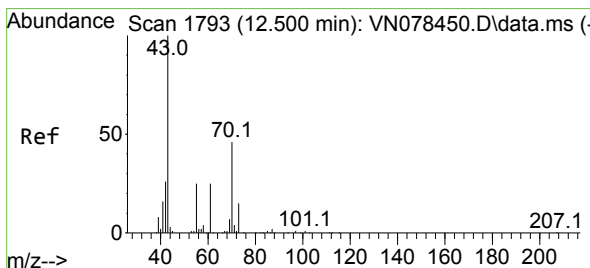
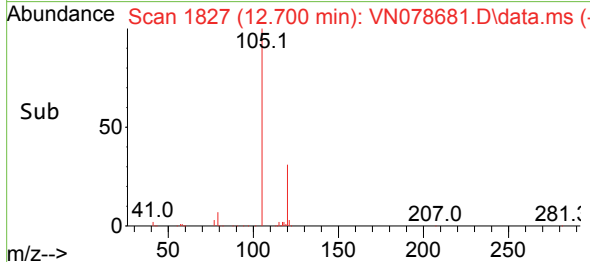
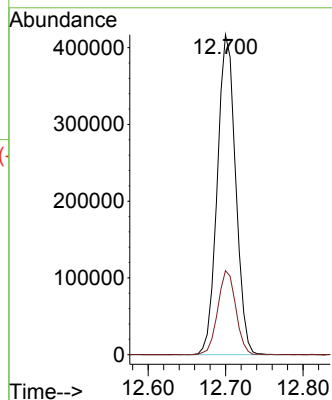
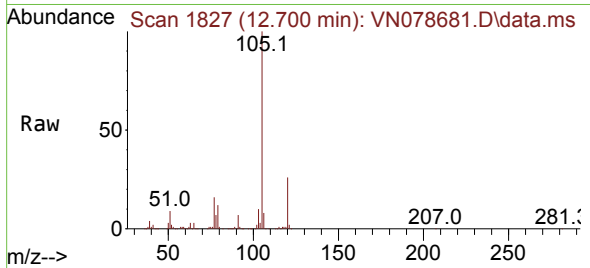




#73
Isopropylbenzene
Concen: 17.605 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

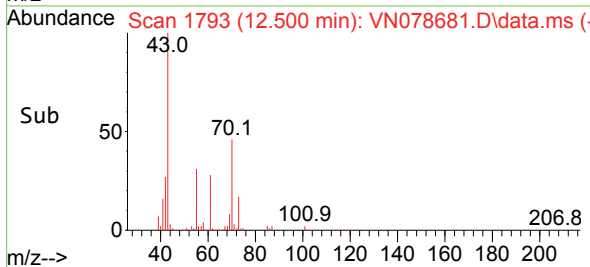
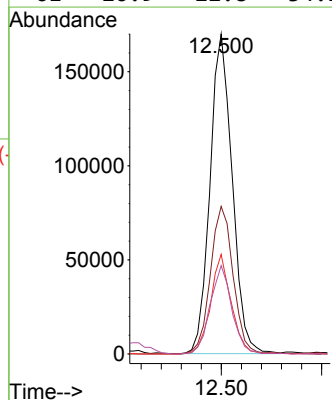
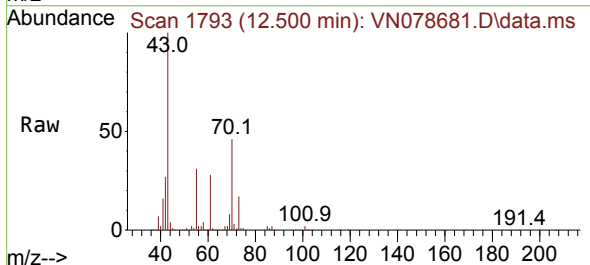
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

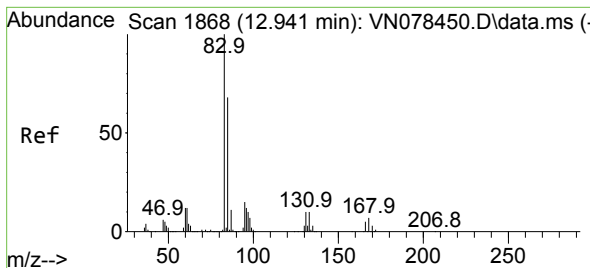
Tgt Ion:105 Resp: 684423
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 19.528 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 43 Resp: 261628
Ion Ratio Lower Upper
43 100
70 47.5 43.4 65.2
55 29.0 21.4 32.0
61 26.9 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.107 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. 0.006 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

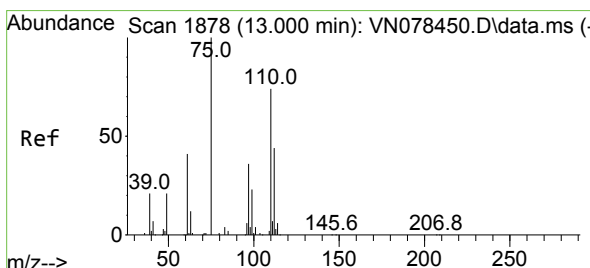
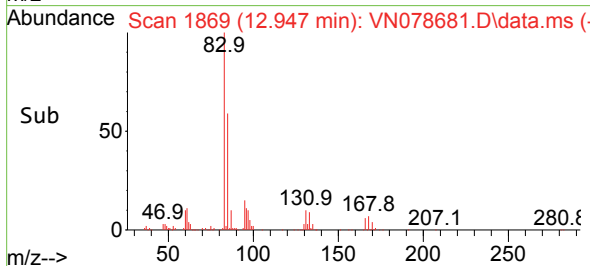
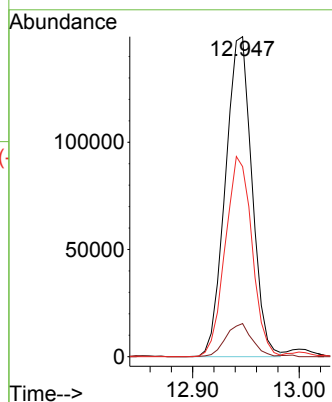
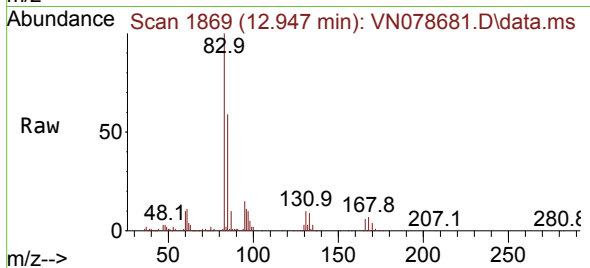
Tgt Ion: 83 Resp: 258814

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 63.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 30.525 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078681.D

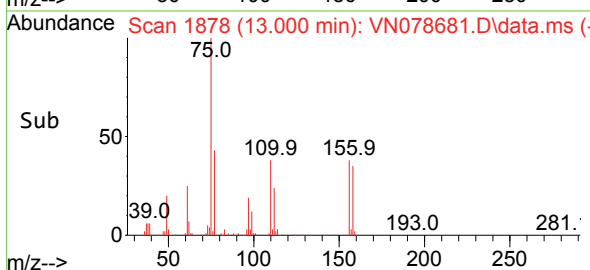
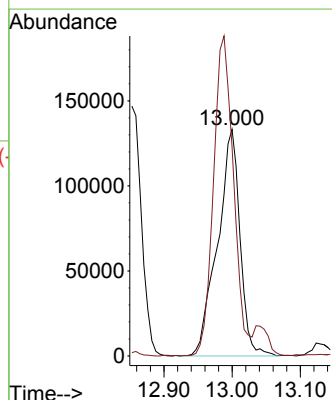
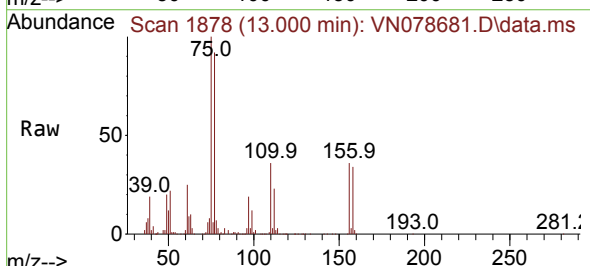
Acq: 28 Jul 2023 13:37

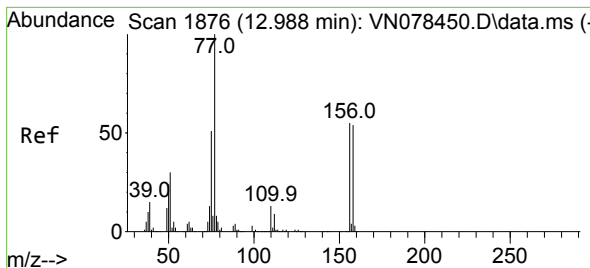
Tgt Ion: 75 Resp: 305269

Ion Ratio Lower Upper

75 100

77 126.6 84.5 253.5





#77

Bromobenzene

Concen: 18.701 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

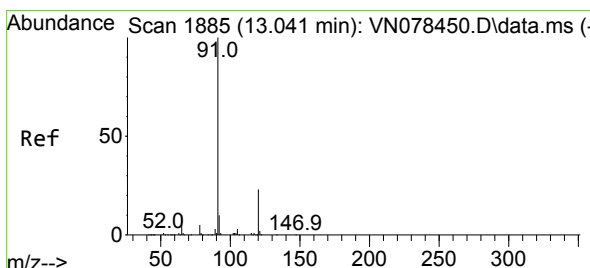
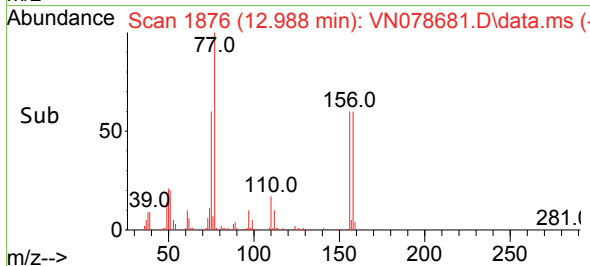
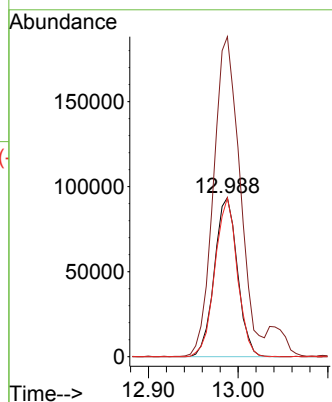
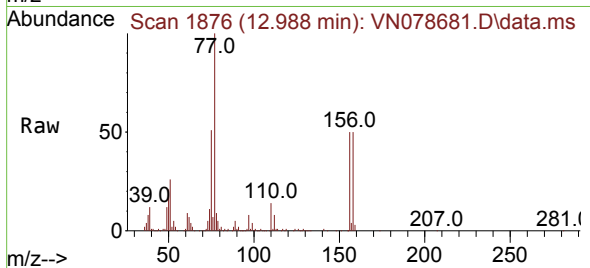
Tgt Ion:156 Resp: 166284

Ion Ratio Lower Upper

156 100

77 232.4 107.7 323.3

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 17.609 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078681.D

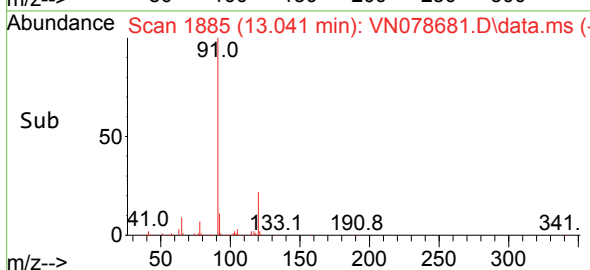
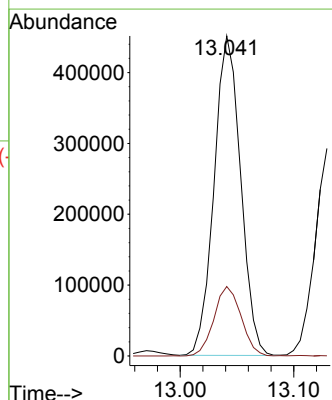
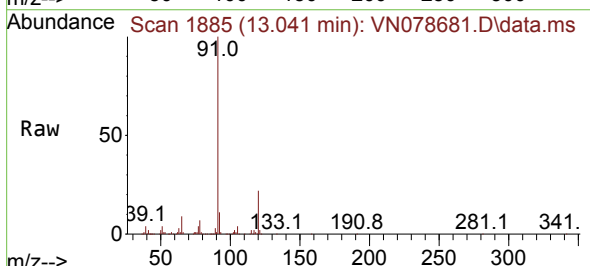
Acq: 28 Jul 2023 13:37

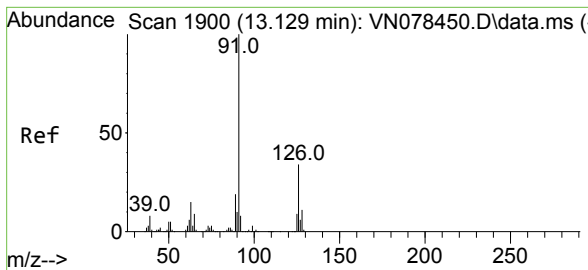
Tgt Ion: 91 Resp: 732143

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

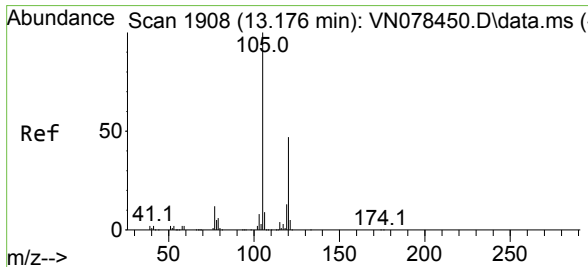
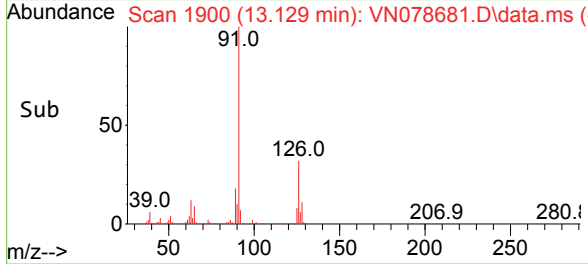
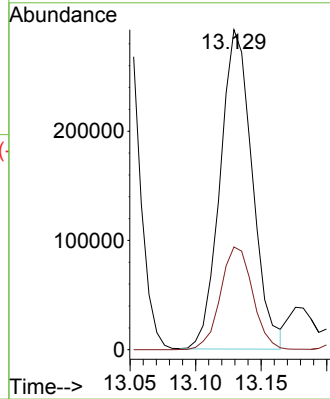
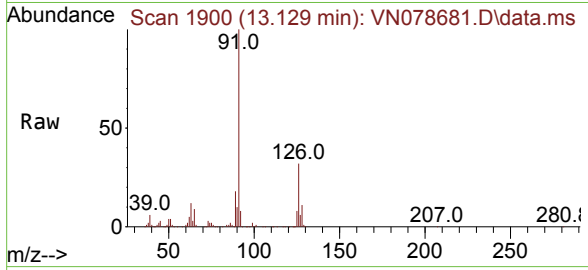




#79
2-Chlorotoluene
Concen: 18.362 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

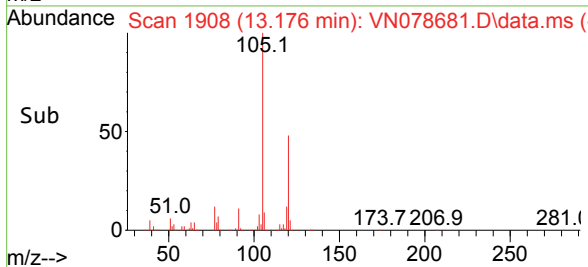
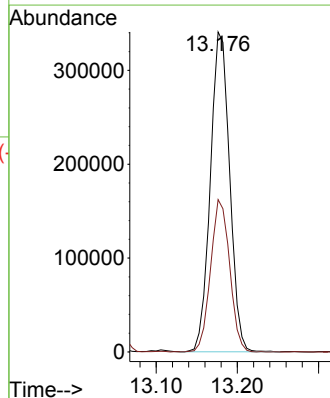
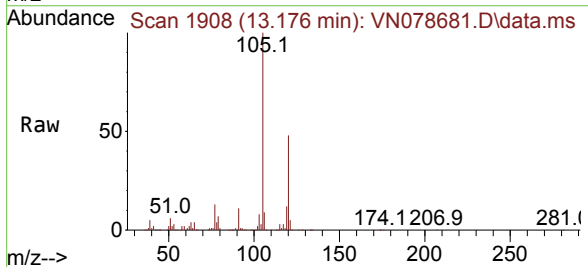
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

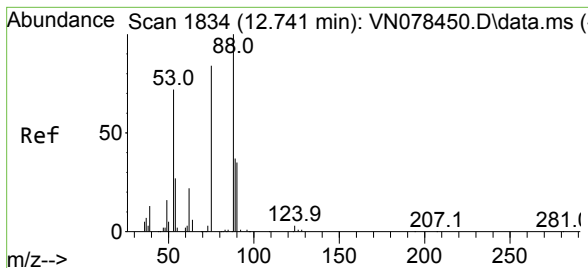
Tgt Ion: 91 Resp: 500053
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.301 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 105 Resp: 562149
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3

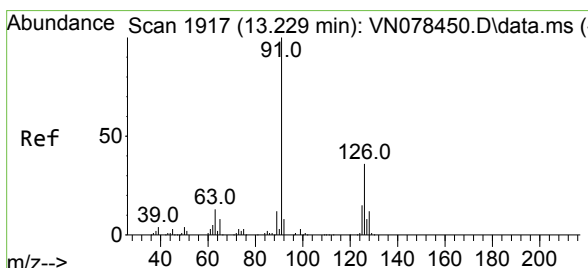
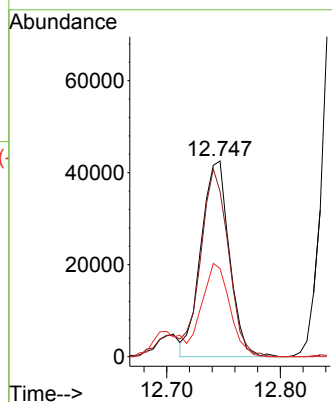
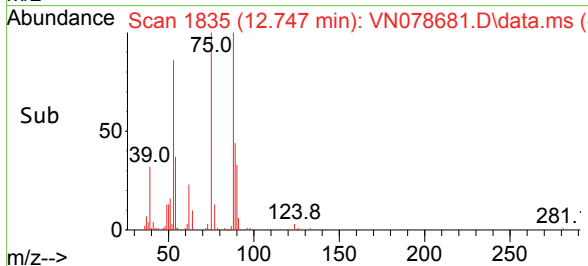
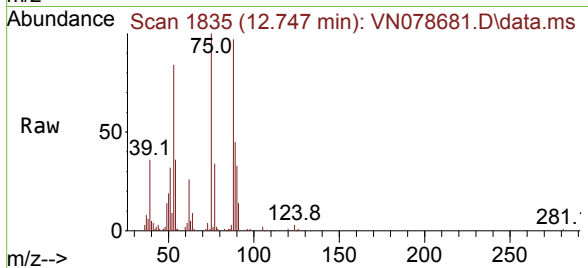




#81
trans-1,4-Dichloro-2-butene
Concen: 19.328 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

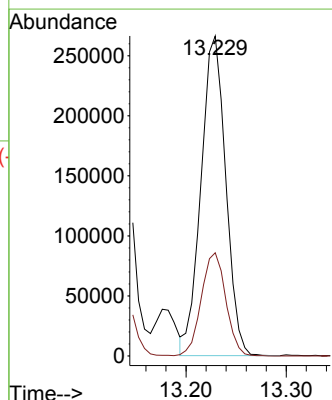
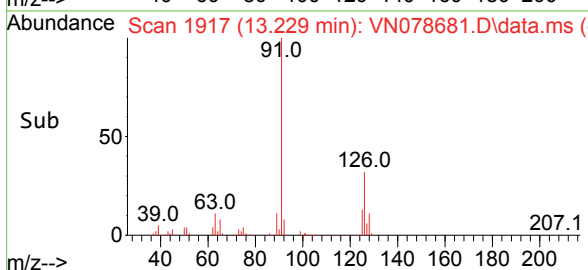
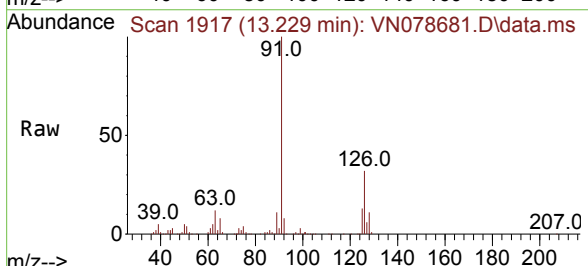
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

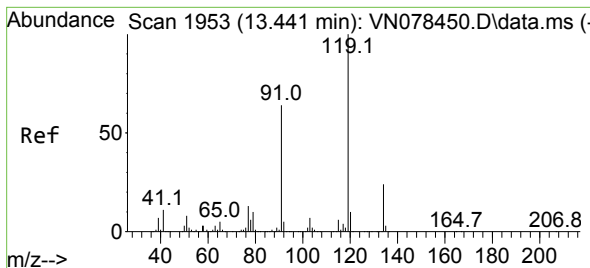
Tgt Ion: 75 Resp: 73558
Ion Ratio Lower Upper
75 100
53 103.8 67.4 101.2#
89 46.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.002 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 91 Resp: 457353
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 17.906 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

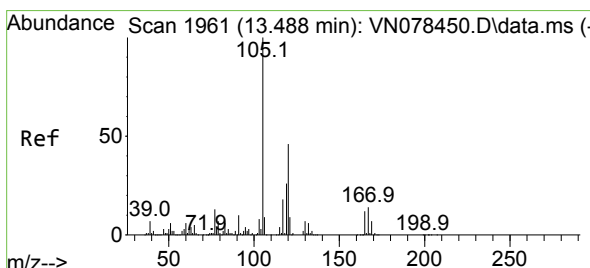
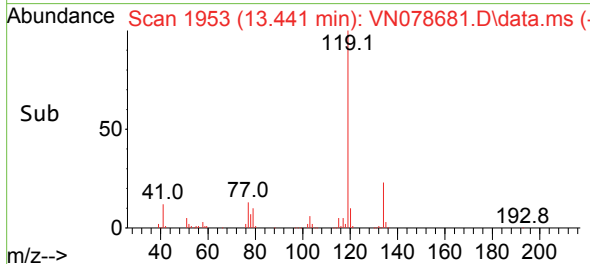
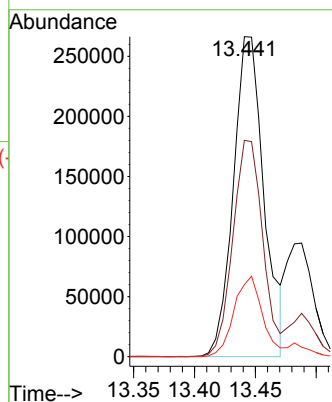
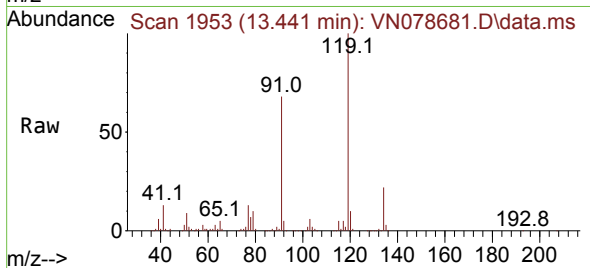
Tgt Ion:119 Resp: 466974

Ion Ratio Lower Upper

119 100

91 66.0 33.9 101.7

134 23.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 18.341 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078681.D

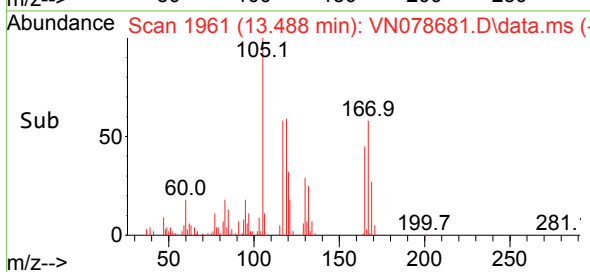
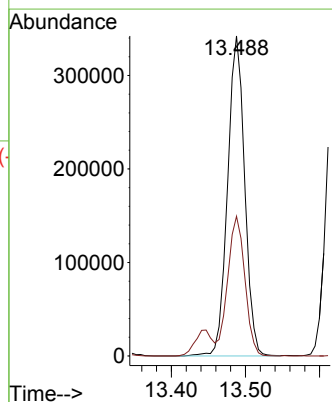
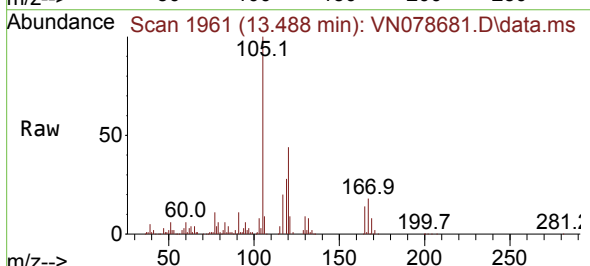
Acq: 28 Jul 2023 13:37

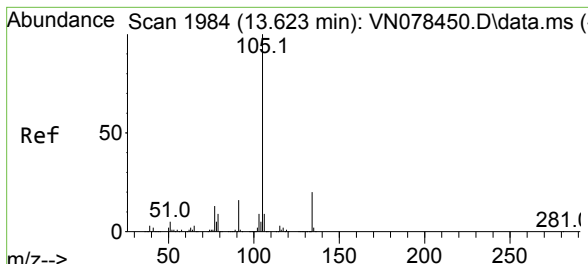
Tgt Ion:105 Resp: 547247

Ion Ratio Lower Upper

105 100

120 44.0 22.0 66.0

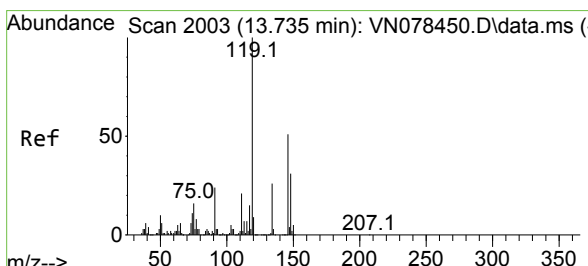
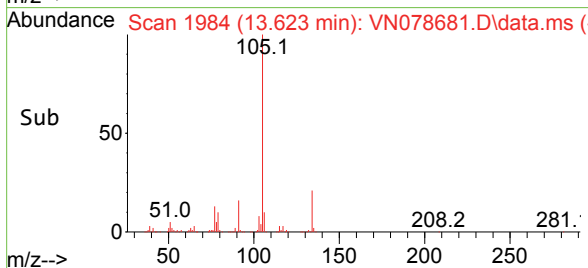
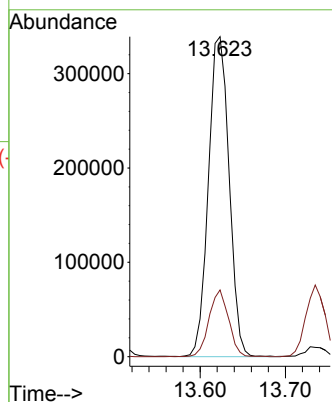
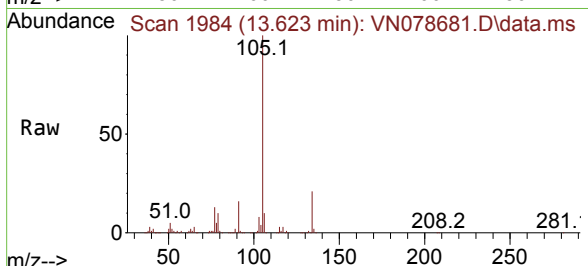




#85
 sec-Butylbenzene
 Concen: 17.384 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078681.D
 Acq: 28 Jul 2023 13:37

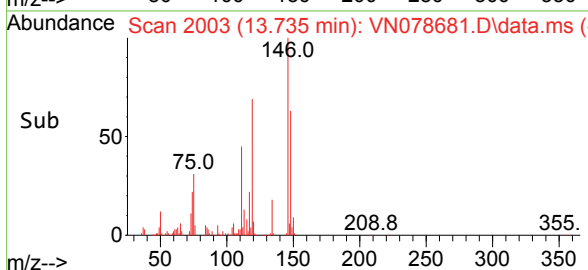
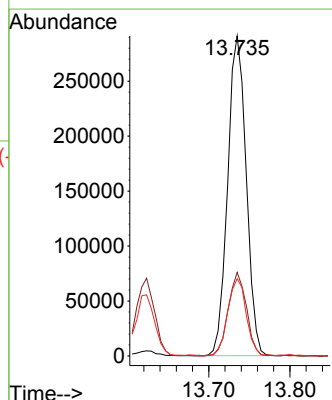
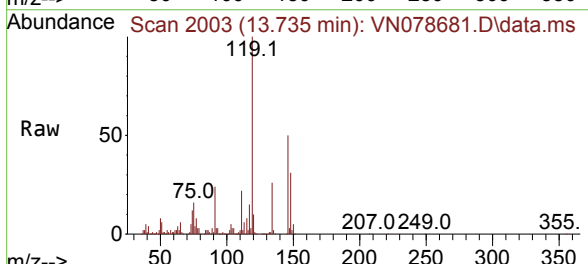
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS02

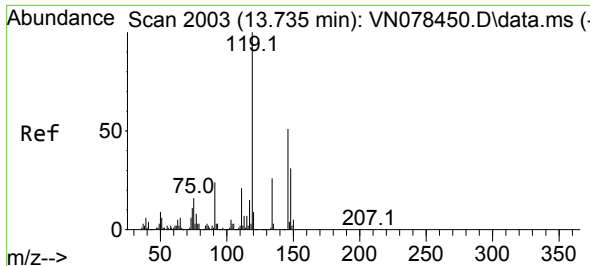
Tgt Ion:105 Resp: 573061
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.469 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078681.D
 Acq: 28 Jul 2023 13:37

Tgt Ion:119 Resp: 462383
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.0 12.4 37.2

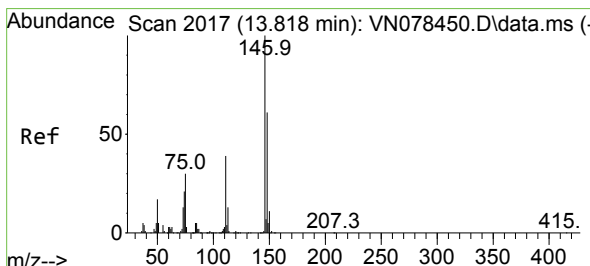
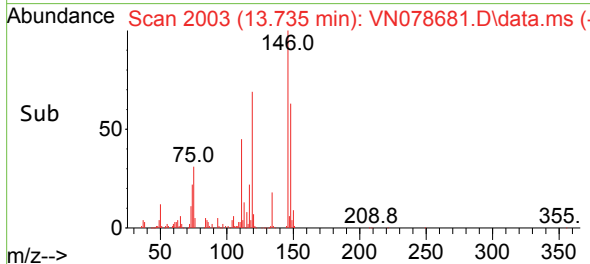
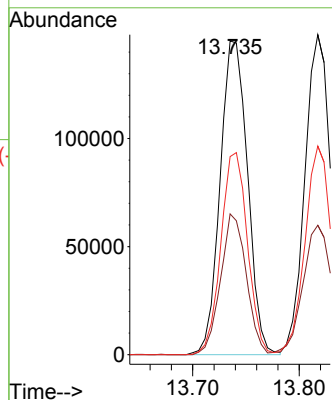
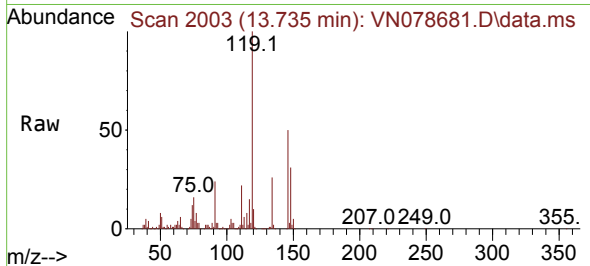




#87
1,3-Dichlorobenzene
Concen: 17.406 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

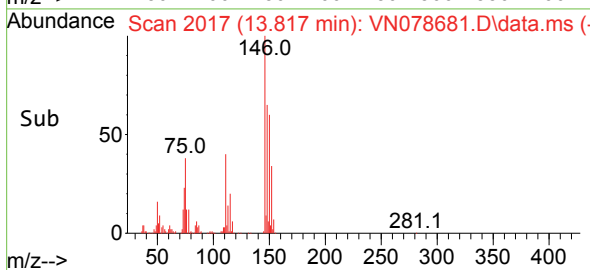
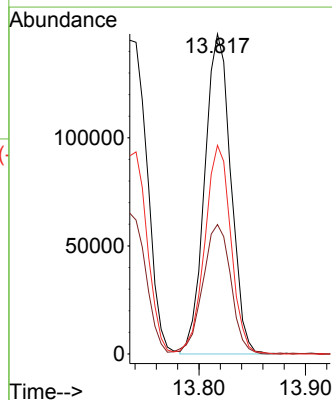
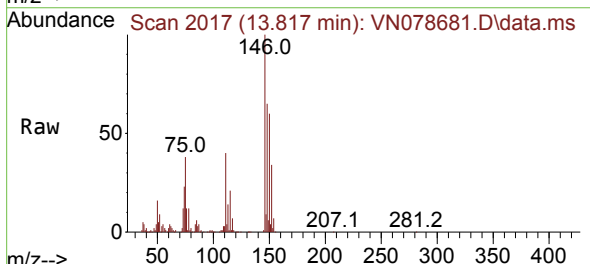
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

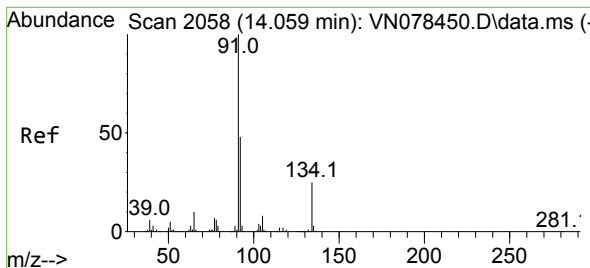
Tgt Ion:146 Resp: 259774
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.3
148 62.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 16.828 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion:146 Resp: 252973
Ion Ratio Lower Upper
146 100
111 43.4 20.6 61.8
148 65.2 31.6 94.8





#89

n-Butylbenzene

Concen: 17.257 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.005 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

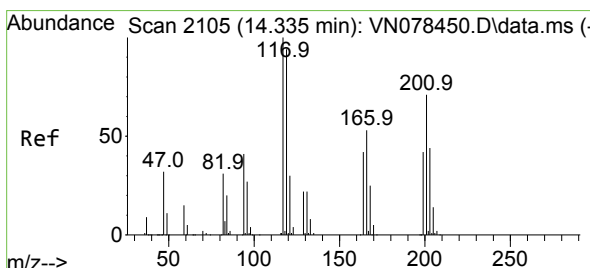
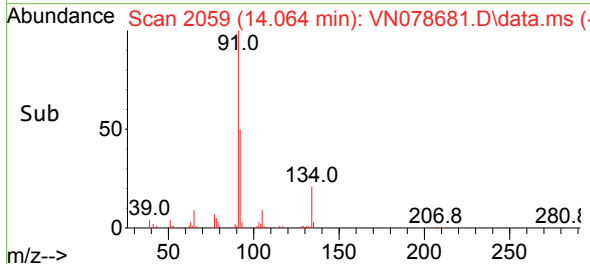
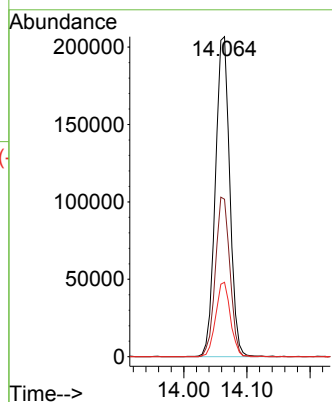
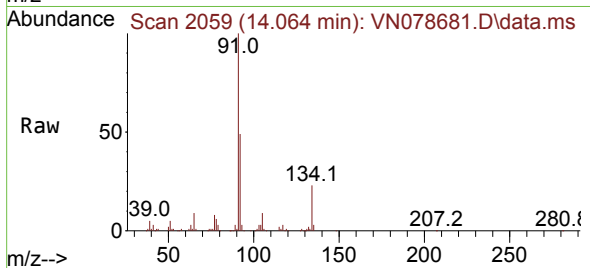
Tgt Ion: 91 Resp: 326834

Ion Ratio Lower Upper

91 100

92 50.5 26.4 79.0

134 23.8 12.6 37.6



#90

Hexachloroethane

Concen: 18.491 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078681.D

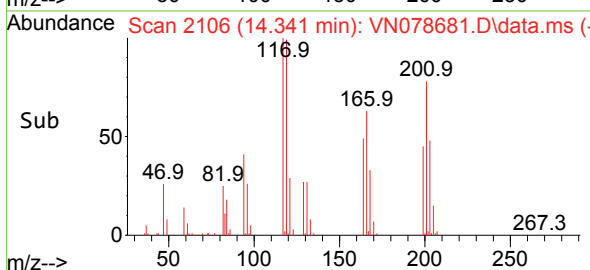
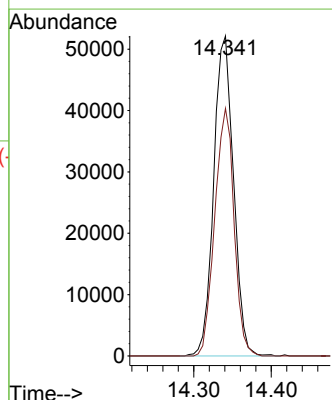
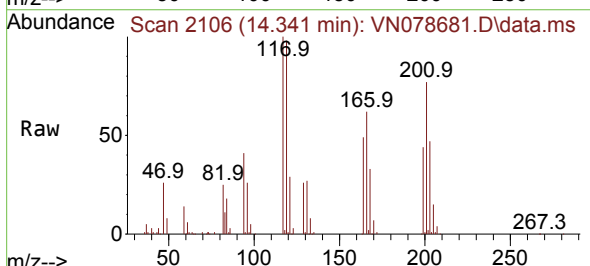
Acq: 28 Jul 2023 13:37

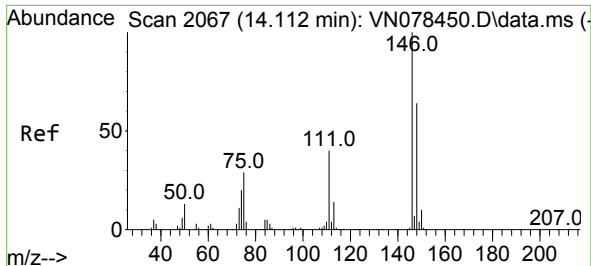
Tgt Ion: 117 Resp: 92460

Ion Ratio Lower Upper

117 100

201 75.4 29.3 88.0

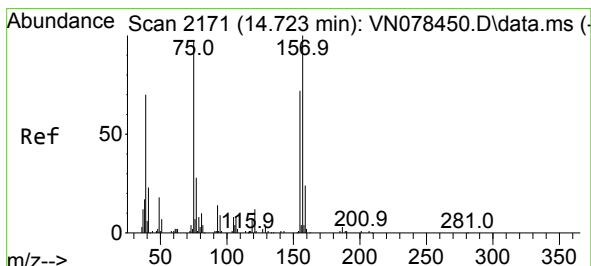
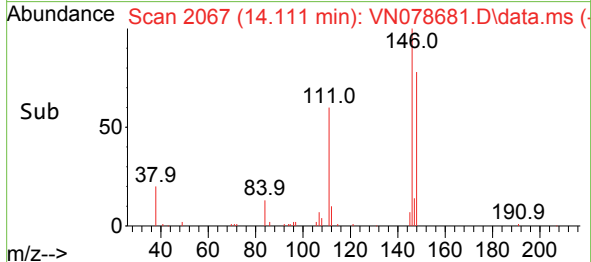
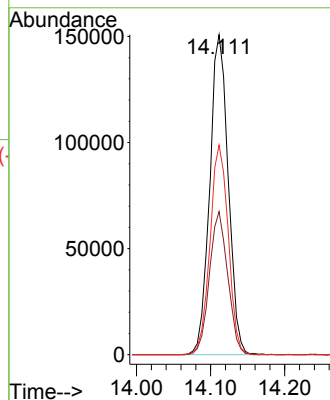
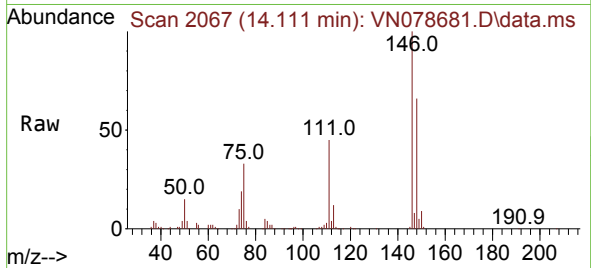




#91
1,2-Dichlorobenzene
Concen: 17.604 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

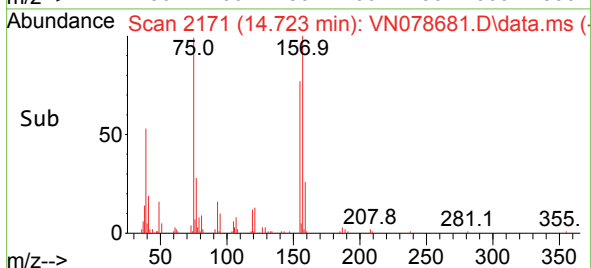
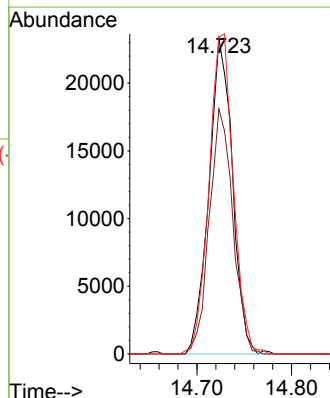
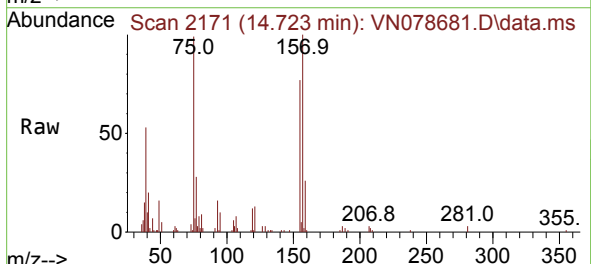
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

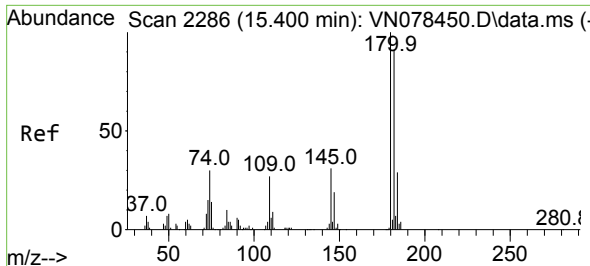
Tgt Ion:146 Resp: 261463
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 64.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.512 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion: 75 Resp: 40284
Ion Ratio Lower Upper
75 100
155 77.3 39.1 117.2
157 104.6 50.3 150.9

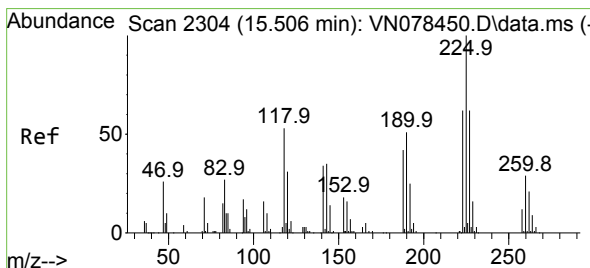
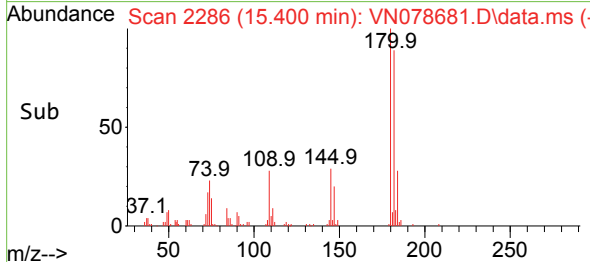
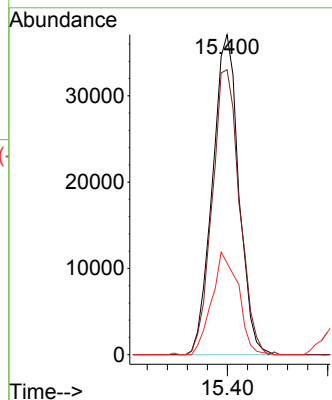
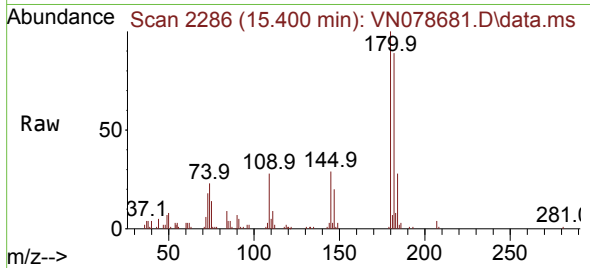




#93
1,2,4-Trichlorobenzene
Concen: 14.246 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

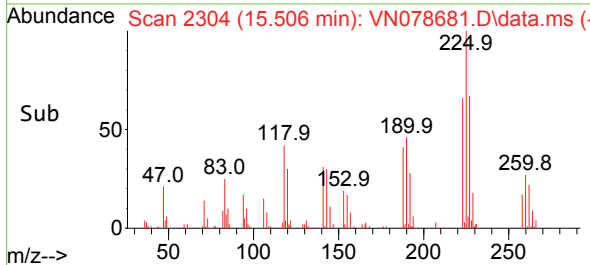
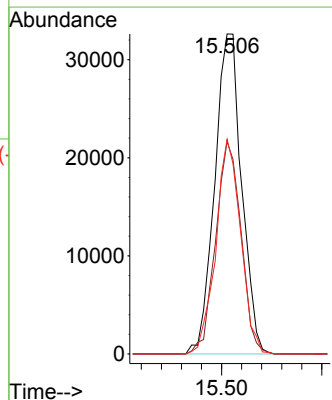
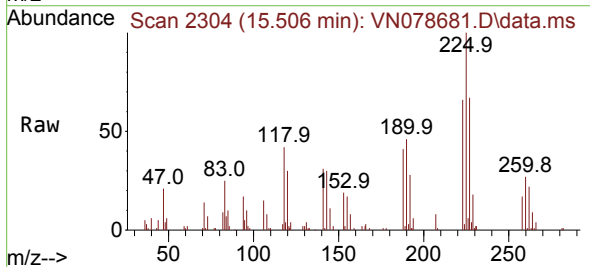
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS02

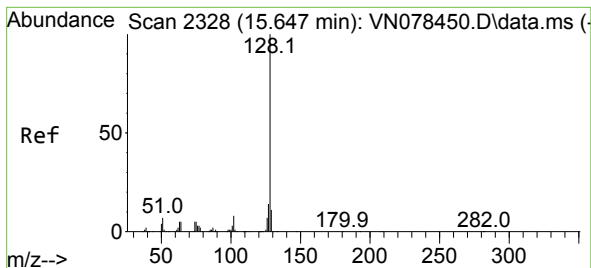
Tgt Ion:180 Resp: 67530
Ion Ratio Lower Upper
180 100
182 92.5 46.1 138.2
145 32.5 16.6 49.8



#94
Hexachlorobutadiene
Concen: 22.520 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078681.D
Acq: 28 Jul 2023 13:37

Tgt Ion:225 Resp: 60802
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.8
227 61.8 31.9 95.9





#95

Naphthalene

Concen: 12.378 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS02

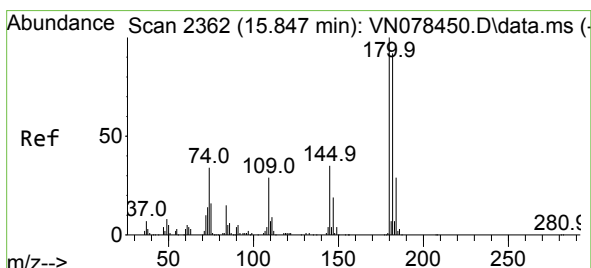
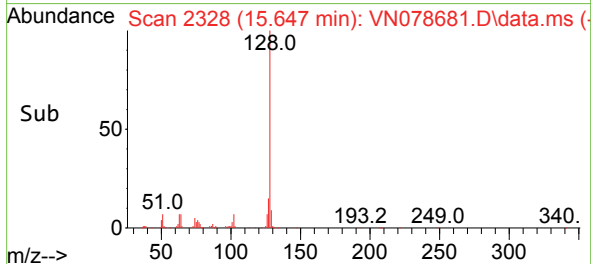
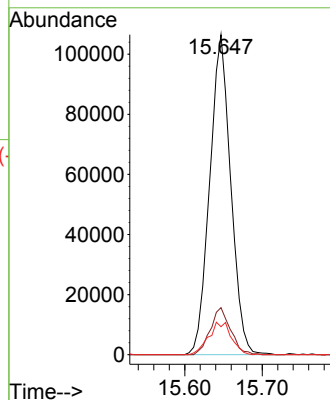
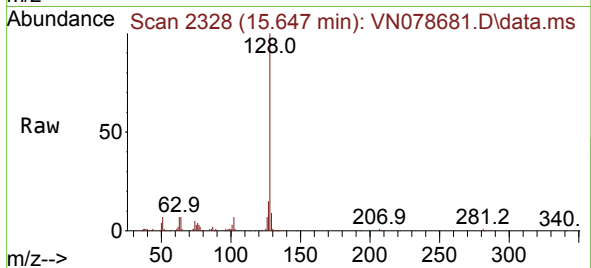
Tgt Ion:128 Resp: 200589

Ion Ratio Lower Upper

128 100

127 14.2 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 14.178 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078681.D

Acq: 28 Jul 2023 13:37

Tgt Ion:180 Resp: 77277

Ion Ratio Lower Upper

180 100

182 92.9 46.2 138.6

145 34.8 17.5 52.6

