

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078473.D
 Acq On : 12 Jul 2023 11:19
 Operator : JC\MD
 Sample : VN0712MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712MBL01

Quant Time: Jul 13 01:59:52 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	8.236	168	419407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	759250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	689255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	225813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283716	50.460	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.920%	
35) Dibromofluoromethane	8.171	113	274852	53.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.660%	
50) Toluene-d8	10.577	98	880425	45.219	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.440%	
62) 4-Bromofluorobenzene	12.853	95	285541	47.612	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.220%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.124	85	120	0.023	ug/l #	43
3) Chloromethane	2.371	50	1844	0.330	ug/l	92
4) Vinyl Chloride	2.524	62	903	0.125	ug/l #	42
5) Bromomethane	2.965	94	2779	Below Cal		84
6) Chloroethane	3.089	64	439	Below Cal		43
7) Trichlorofluoromethane	3.512	101	117	0.014	ug/l #	19
10) Methyl Iodide	4.606	142	3637	0.579	ug/l #	80
11) Tert butyl alcohol	5.536	59	1537	1.773	ug/l #	72
12) 1,1-Dichloroethene	4.342	96	205	0.046	ug/l #	1
13) Acrolein	4.195	56	1410	1.653	ug/l #	75
14) Allyl chloride	5.053	41	178	0.029	ug/l #	51
15) Acrylonitrile	5.742	53	1938	0.885	ug/l #	81
16) Acetone	4.453	43	2490	1.422	ug/l #	63
17) Carbon Disulfide	4.736	76	6917	0.541	ug/l #	71
18) Methyl Acetate	5.030	43	975	0.132	ug/l #	42
20) Methylene Chloride	5.295	84	1216	Below Cal		72
21) trans-1,2-Dichloroethene	5.795	96	1031	0.207	ug/l #	65
23) Vinyl Acetate	6.630	43	1424	0.165	ug/l #	63
24) 1,1-Dichloroethane	6.583	63	62	0.007	ug/l #	81
25) 2-Butanone	7.512	43	2375	0.861	ug/l #	75
26) 2,2-Dichloropropane	7.506	77	56	0.008	ug/l #	53
27) cis-1,2-Dichloroethene	7.494	96	732	0.127	ug/l	30
28) Bromochloromethane	7.818	49	334	0.078	ug/l #	27
29) Tetrahydrofuran	7.841	42	384	0.212	ug/l #	91
30) Chloroform	7.971	83	655	0.069	ug/l #	61
31) Cyclohexane	8.236	56	9556	1.258	ug/l #	14
32) 1,1,1-Trichloroethane	8.183	97	68	0.008	ug/l #	24
36) 1,1-Dichloropropene	8.230	75	34150	4.589	ug/l #	48
37) Ethyl Acetate	7.583	43	799	0.129	ug/l #	83
38) Carbon Tetrachloride	8.230	117	46179	5.709	ug/l #	16
39) Methylcyclohexane	9.600	83	1080	0.159	ug/l #	67
40) Benzene	8.630	78	1832	0.083	ug/l #	52
41) Methacrylonitrile	7.806	41	284	0.090	ug/l #	53
42) 1,2-Dichloroethane	8.683	62	1062	0.142	ug/l #	73
43) Isopropyl Acetate	8.683	43	72	0.007	ug/l #	1
44) Trichloroethene	9.365	130	1161	0.195	ug/l	50

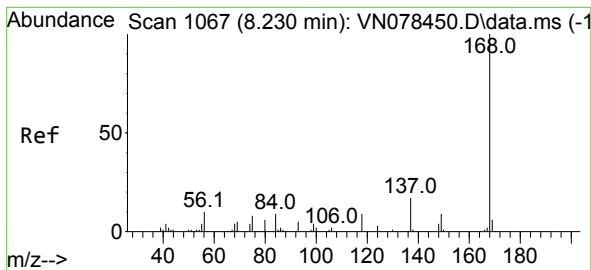
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.630	63	356	0.064	ug/l #	45
46) Dibromomethane	9.712	93	577	0.147	ug/l #	83
47) Bromodichloromethane	9.906	83	123	0.016	ug/l #	26
48) Methyl methacrylate	9.682	41	562	0.119	ug/l #	57
49) 1,4-Dioxane	9.730	88	507	4.913	ug/l #	23
51) 4-Methyl-2-Pentanone	10.459	43	3800	0.625	ug/l	89
52) Toluene	10.629	92	1790	0.131	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	1271	0.157	ug/l #	88
54) cis-1,3-Dichloropropene	10.318	75	768	0.089	ug/l #	60
55) 1,1,2-Trichloroethane	11.024	97	804	0.149	ug/l #	74
56) Ethyl methacrylate	10.877	69	964	0.128	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	625	0.068	ug/l #	50
58) 2-Chloroethyl Vinyl ether	10.159	63	214	0.080	ug/l	94
59) 2-Hexanone	11.200	43	6577	1.523	ug/l	72
60) Dibromochloromethane	11.365	129	620	0.104	ug/l	82
61) 1,2-Dibromoethane	11.465	107	605	0.109	ug/l #	2
64) Tetrachloroethene	11.106	164	490	0.095	ug/l #	82
65) Chlorobenzene	11.888	112	3617	0.235	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	11.971	131	236	0.040	ug/l #	9
67) Ethyl Benzene	11.965	91	3638	0.140	ug/l #	88
68) m/p-Xylenes	12.088	106	2258	0.235	ug/l #	65
69) o-Xylene	12.412	106	1326	0.136	ug/l	97
70) Styrene	12.412	104	2769	0.182	ug/l	86
71) Bromoform	12.588	173	863	0.215	ug/l #	90
73) Isopropylbenzene	12.700	105	2757	0.130	ug/l	96
74) N-amyl acetate	12.500	43	2853	0.390	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.941	83	1760	Below Cal	#	83
76) 1,2,3-Trichloropropane	12.853	75	154610	28.326	ug/l #	1
77) Bromobenzene	12.982	156	1965	Below Cal		89
78) n-propylbenzene	13.035	91	5748	0.253	ug/l	90
79) 2-Chlorotoluene	13.129	91	3165	0.213	ug/l	90
80) 1,3,5-Trimethylbenzene	13.182	105	3444	0.205	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.853	75	154610	74.436	ug/l #	15
82) 4-Chlorotoluene	13.235	91	5385	0.388	ug/l	96
83) tert-Butylbenzene	13.441	119	2908	0.204	ug/l	85
84) 1,2,4-Trimethylbenzene	13.488	105	4445	0.273	ug/l	96
85) sec-Butylbenzene	13.618	105	6095	0.339	ug/l	97
86) p-Isopropyltoluene	13.735	119	5451	0.377	ug/l #	81
87) 1,3-Dichlorobenzene	13.735	146	3706	0.455	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	3706	0.452	ug/l	91
89) n-Butylbenzene	14.059	91	8023	0.776	ug/l	97
90) Hexachloroethane	14.341	117	809	Below Cal		80
91) 1,2-Dichlorobenzene	14.117	146	3808	0.470	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	793	Below Cal		90
93) 1,2,4-Trichlorobenzene	15.406	180	4045	1.563	ug/l	91
94) Hexachlorobutadiene	15.512	225	4157	Below Cal		76
95) Naphthalene	15.647	128	14612	1.652	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.847	180	4596	1.545	ug/l	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078473.D

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ClientSampleId :

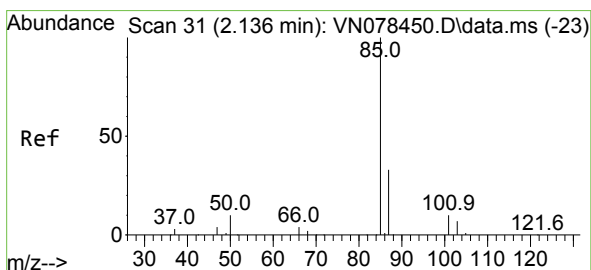
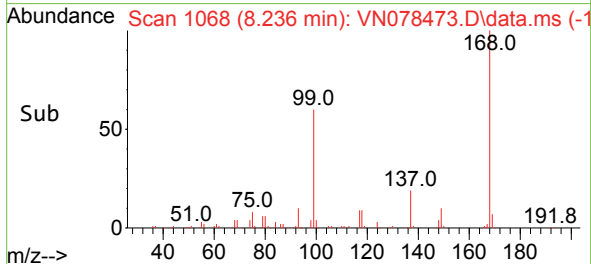
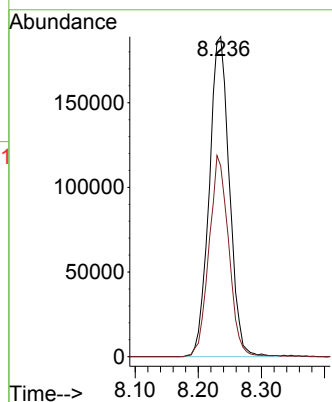
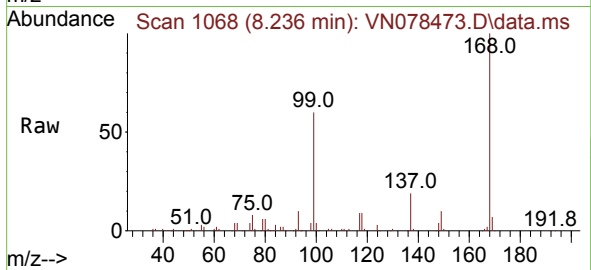
VN0712MBL01

Tgt Ion:168 Resp: 419407

Ion Ratio Lower Upper

168 100

99 59.6 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.023 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.012 min

Lab File: VN078473.D

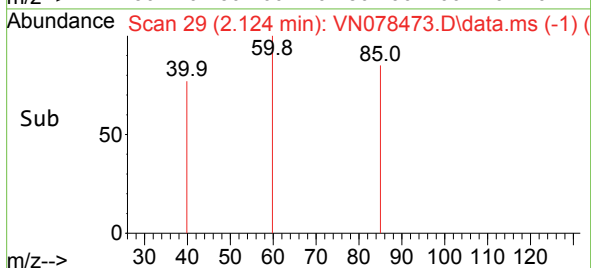
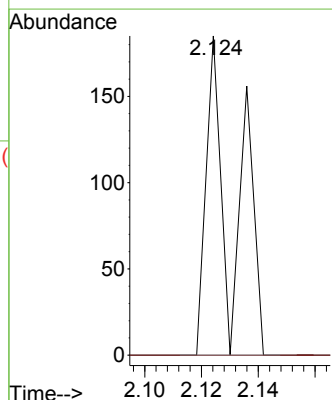
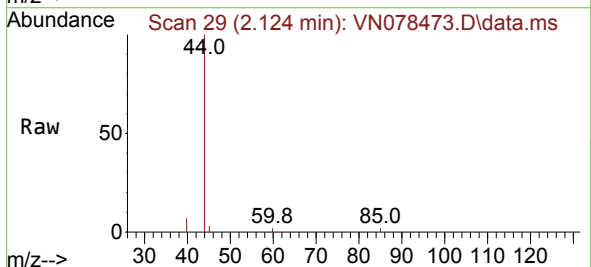
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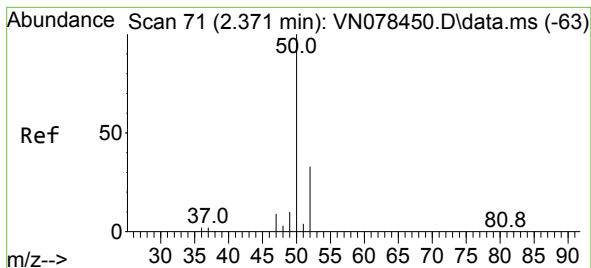
Tgt Ion: 85 Resp: 120

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#





#3

Chloromethane

Concen: 0.330 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

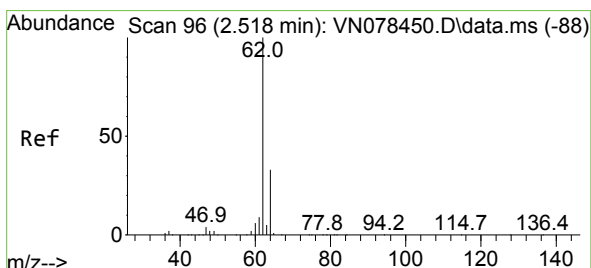
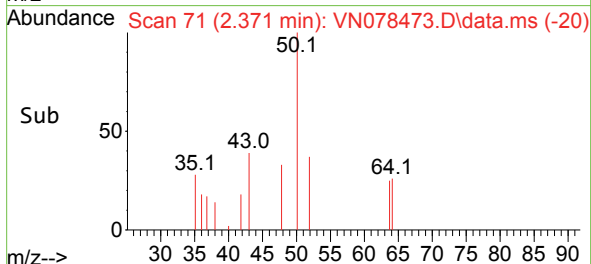
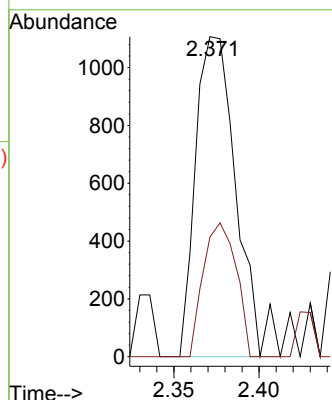
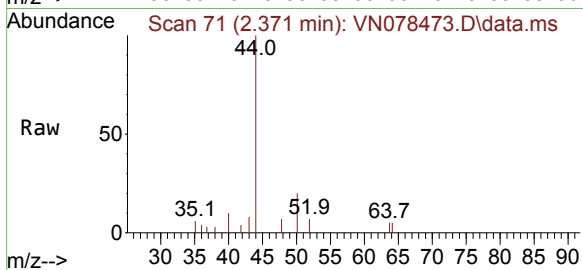
VN0712MBL01

Tgt Ion: 50 Resp: 1844

Ion Ratio Lower Upper

50 100

52 37.4 26.5 39.7



#4

Vinyl Chloride

Concen: 0.125 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078473.D

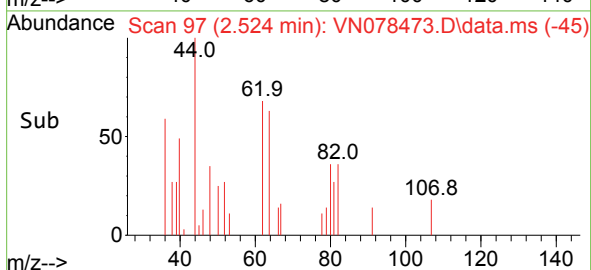
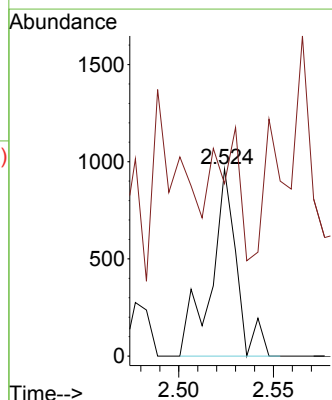
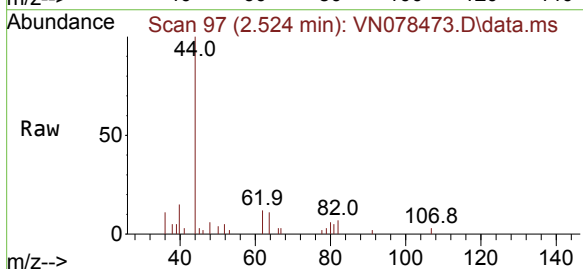
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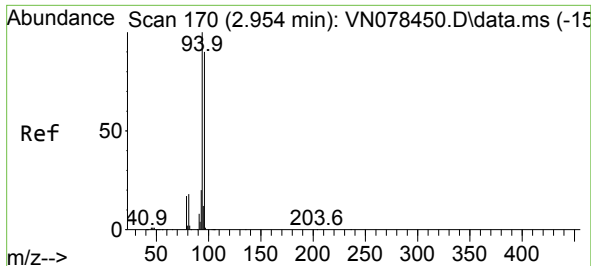
Tgt Ion: 62 Resp: 903

Ion Ratio Lower Upper

62 100

64 0.0 26.2 39.2#

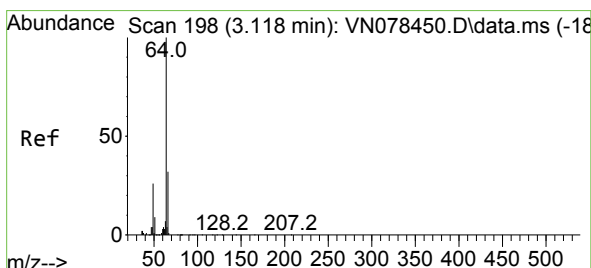
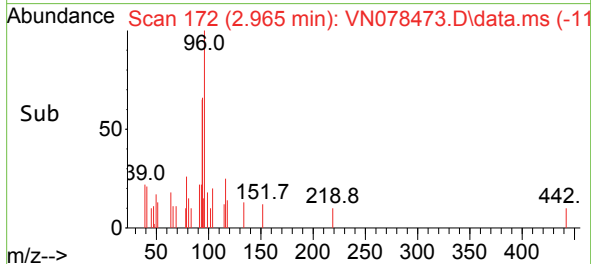
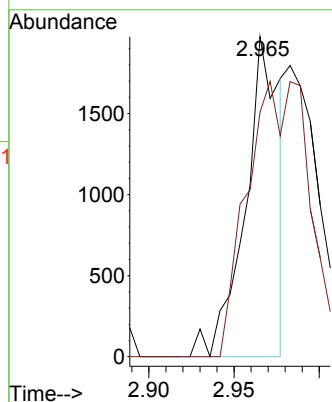
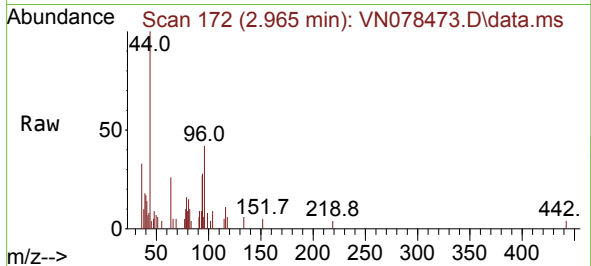




#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

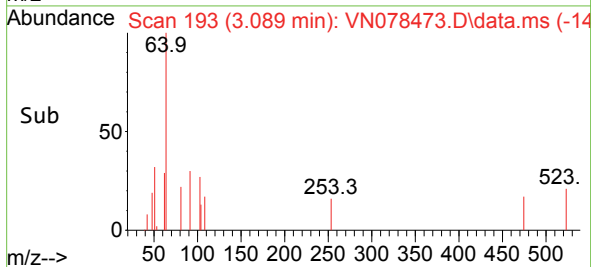
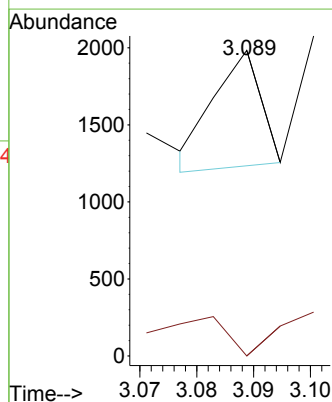
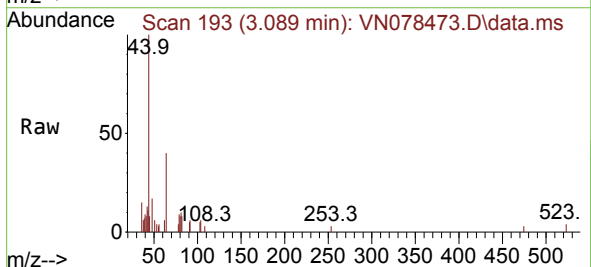
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VN0712MBL01

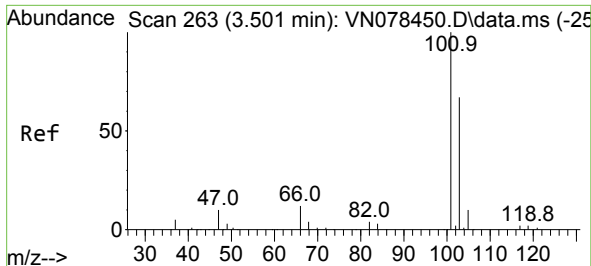
Tgt Ion: 94 Resp: 2779
Ion Ratio Lower Upper
94 100
96 76.4 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.089 min Scan# 193
Delta R.T. -0.029 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 64 Resp: 439
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

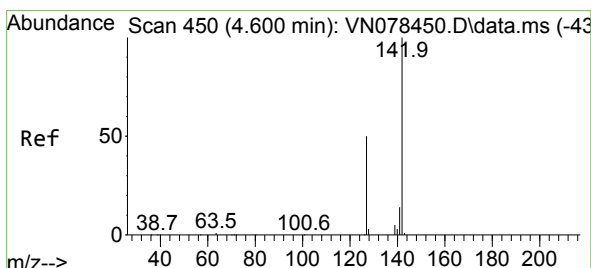
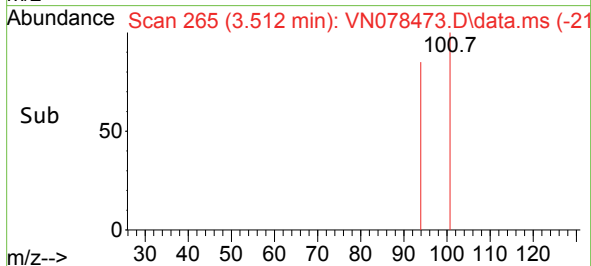
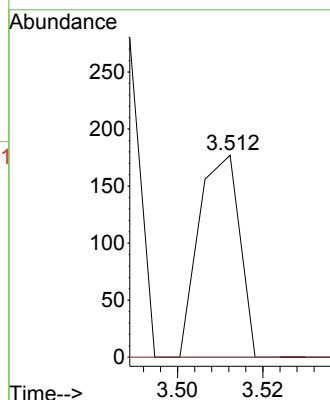
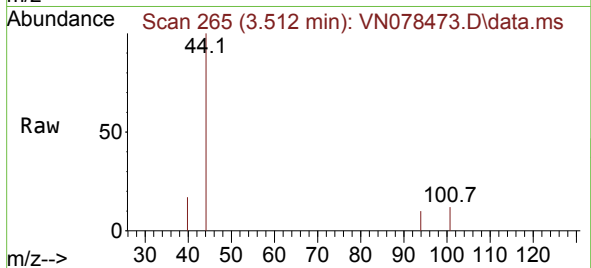




#7
 Trichlorofluoromethane
 Concen: 0.014 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.011 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

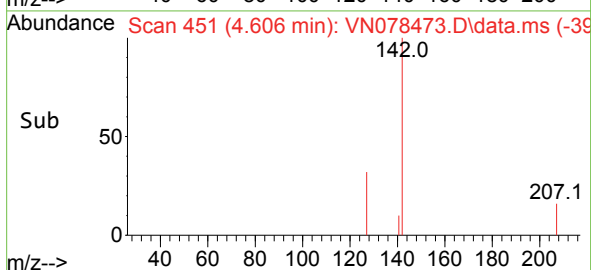
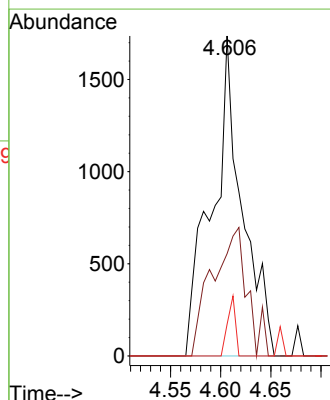
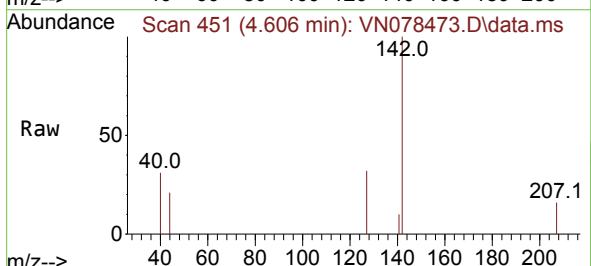
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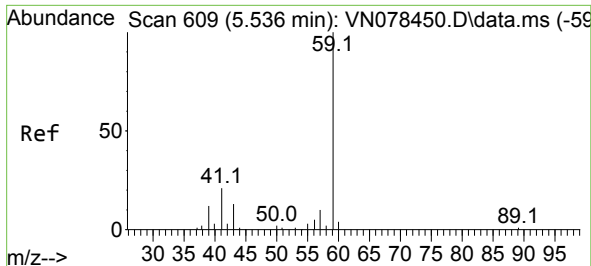
Tgt Ion:101 Resp: 117
 Ion Ratio Lower Upper
 101 100
 103 0.0 50.7 76.1#



#10
 Methyl Iodide
 Concen: 0.579 ug/l
 RT: 4.606 min Scan# 451
 Delta R.T. 0.006 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

Tgt Ion:142 Resp: 3637
 Ion Ratio Lower Upper
 142 100
 127 32.0 37.6 56.4#
 141 9.9 11.4 17.0#

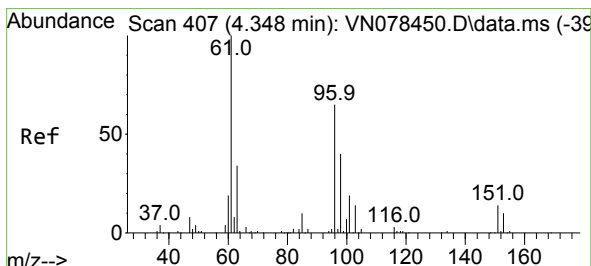
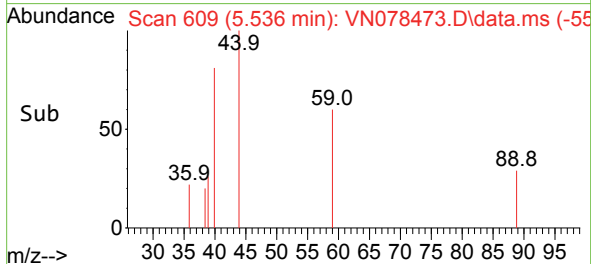
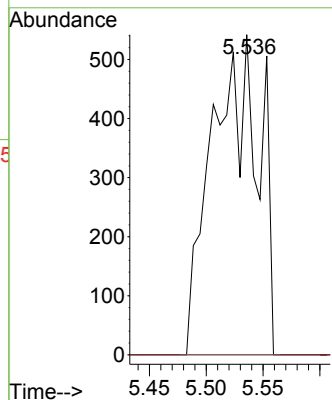
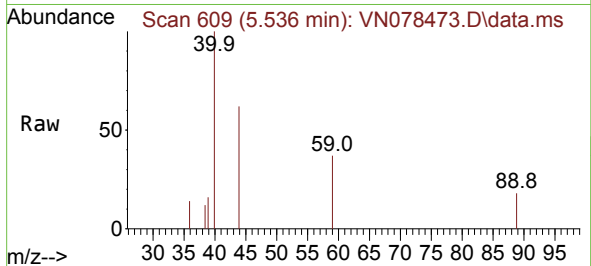




#11
Tert butyl alcohol
Concen: 1.773 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

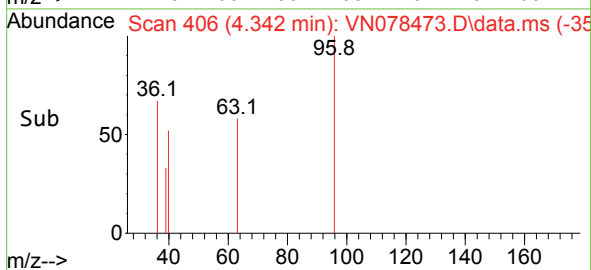
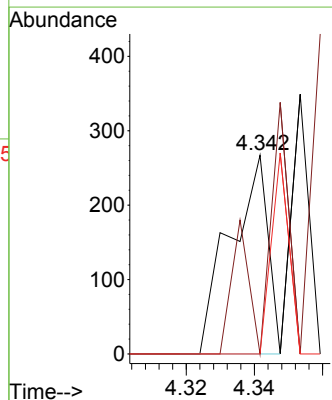
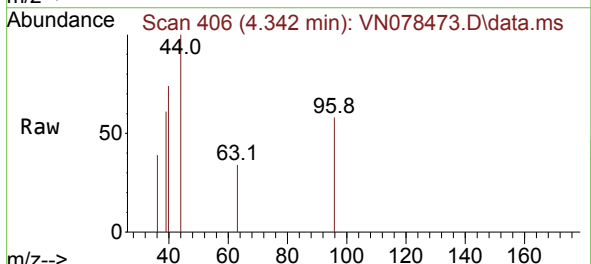
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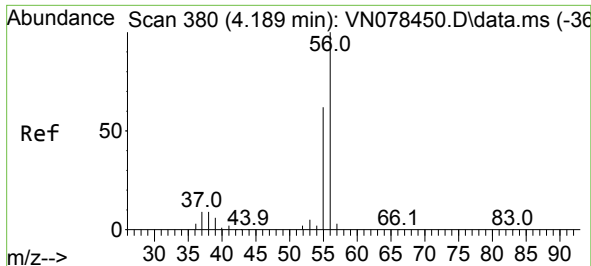
Tgt Ion: 59 Resp: 1537
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.046 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 96 Resp: 205
Ion Ratio Lower Upper
96 100
61 0.0 112.7 169.1#
98 0.0 51.2 76.8#





#13

Acrolein

Concen: 1.653 ug/l

RT: 4.195 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

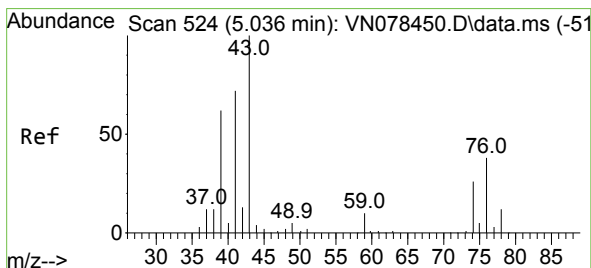
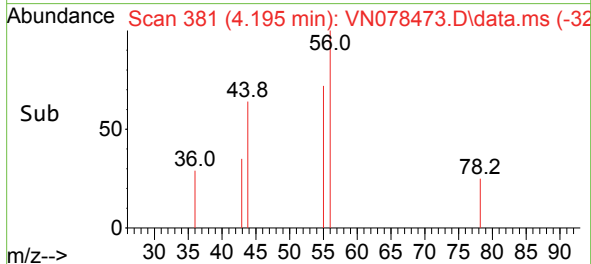
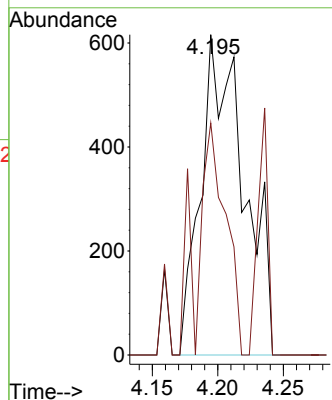
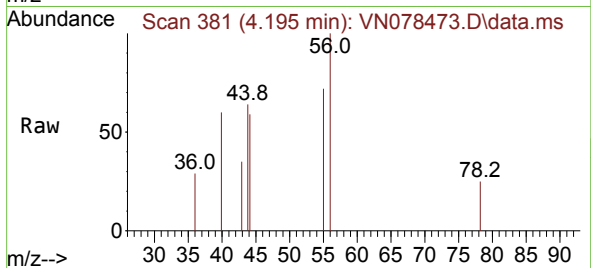
VN0712MBL01

Tgt Ion: 56 Resp: 1410

Ion Ratio Lower Upper

56 100

55 47.9 54.5 81.7#



#14

Allyl chloride

Concen: 0.029 ug/l

RT: 5.053 min Scan# 527

Delta R.T. 0.017 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

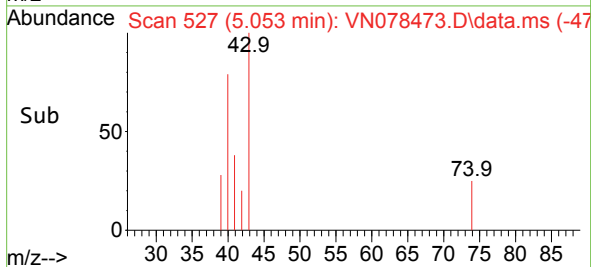
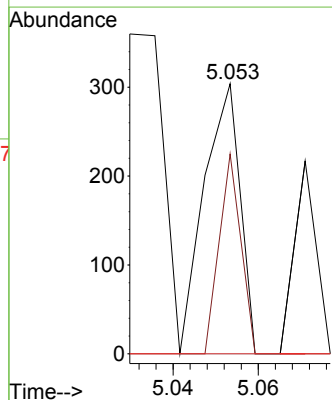
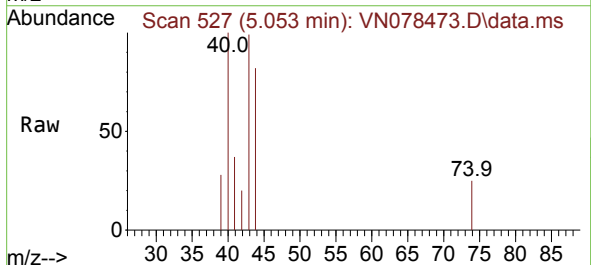
Tgt Ion: 41 Resp: 178

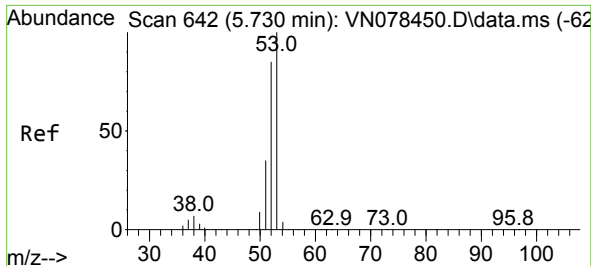
Ion Ratio Lower Upper

41 100

39 44.4 58.8 88.2#

76 0.0 39.1 58.7#

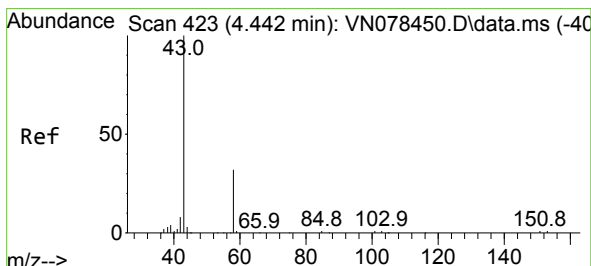
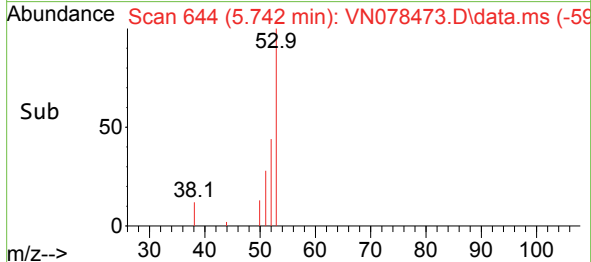
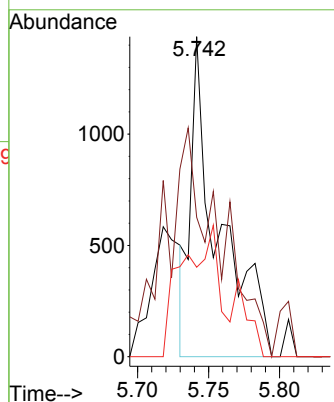
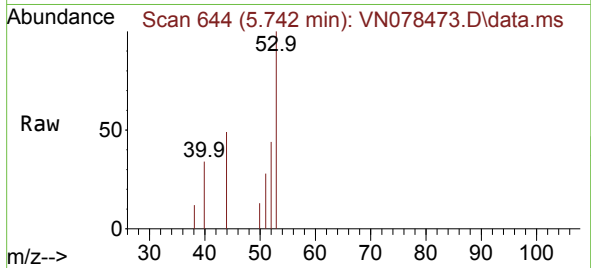




#15
Acrylonitrile
Concen: 0.885 ug/l
RT: 5.742 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

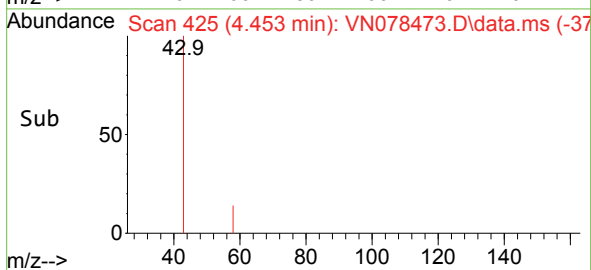
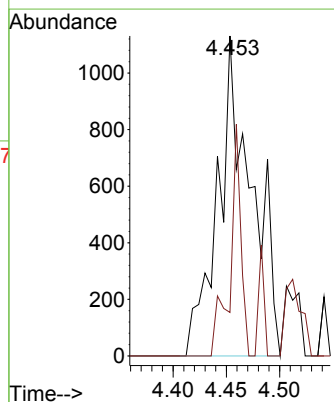
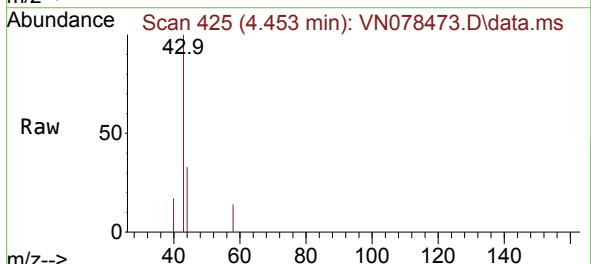
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

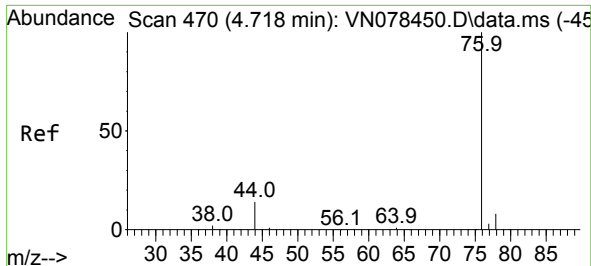
Tgt Ion: 53 Resp: 1938
Ion Ratio Lower Upper
53 100
52 92.9 65.3 97.9
51 55.5 28.9 43.3#



#16
Acetone
Concen: 1.422 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
58 13.6 28.0 42.0#

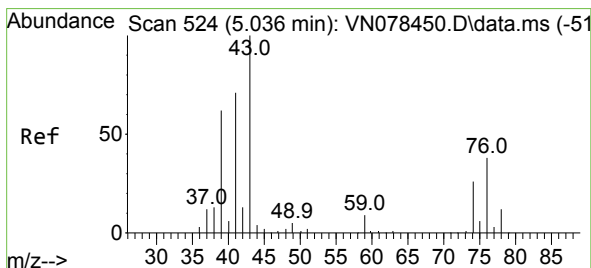
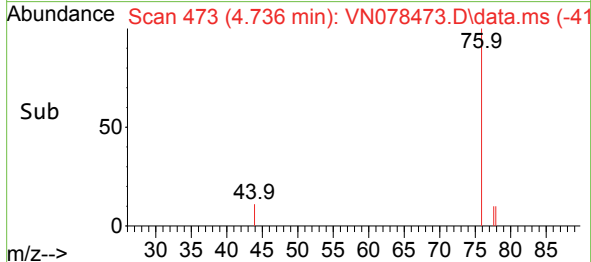
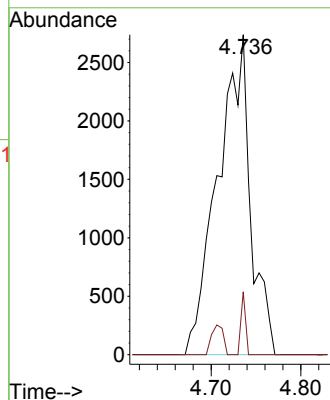
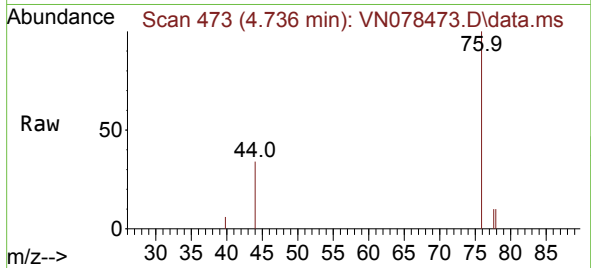




#17
Carbon Disulfide
Concen: 0.541 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

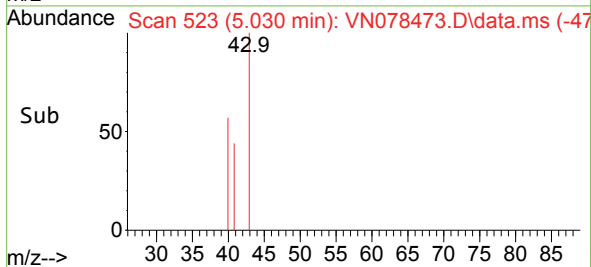
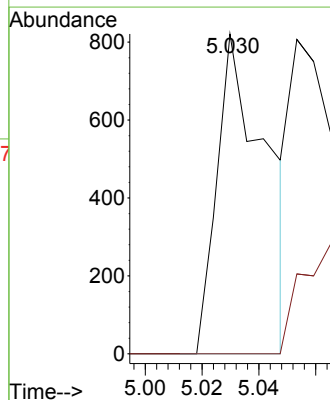
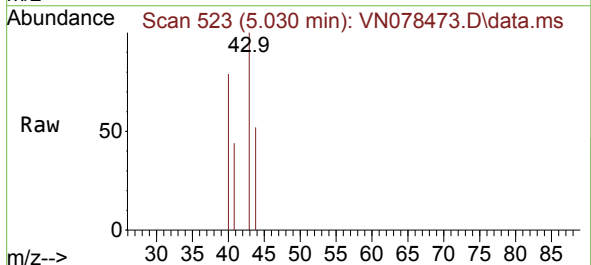
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

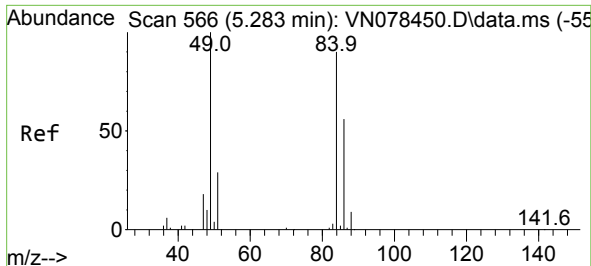
Tgt Ion: 76 Resp: 6917
Ion Ratio Lower Upper
76 100
78 19.6 7.4 11.0#



#18
Methyl Acetate
Concen: 0.132 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#

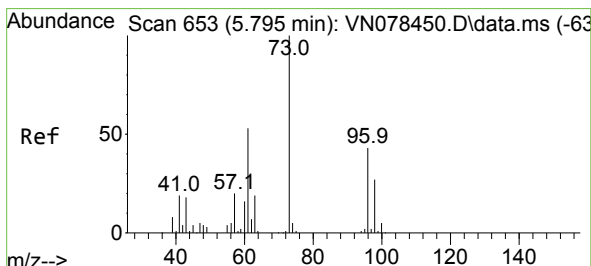
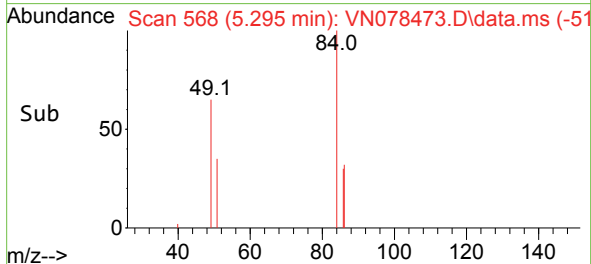
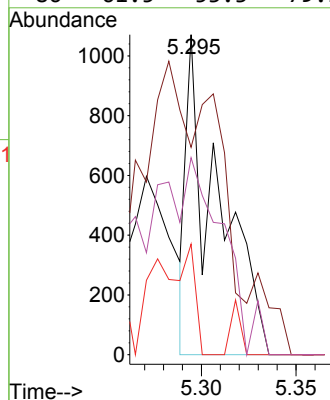
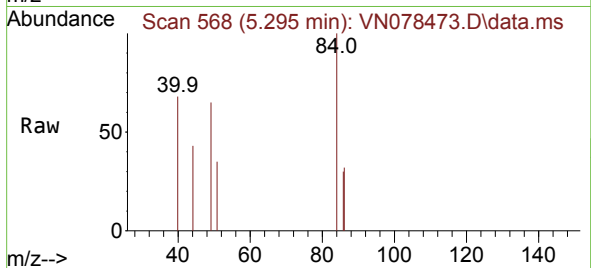




#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

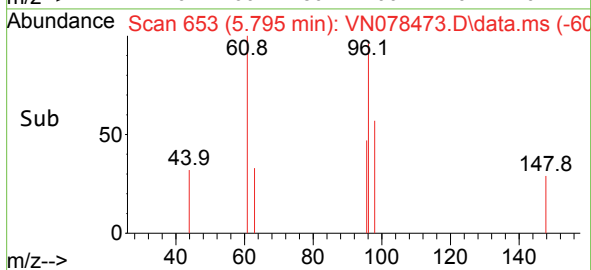
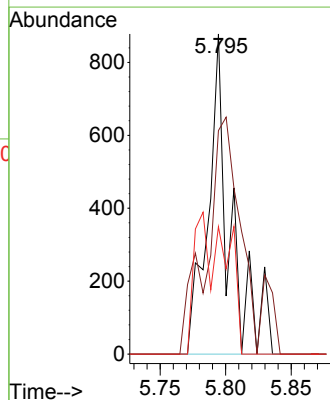
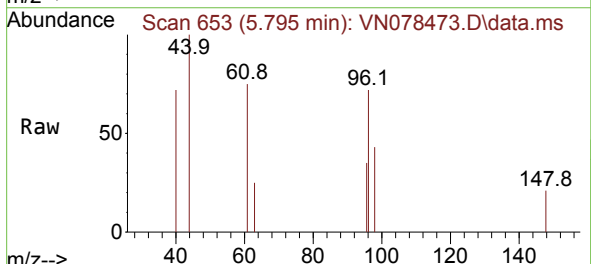
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

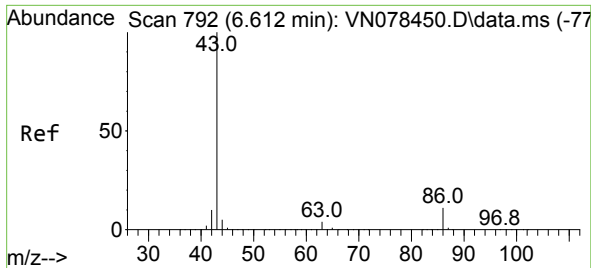
Tgt Ion: 84 Resp: 1216
Ion Ratio Lower Upper
84 100
49 50.4 79.7 119.5#
51 34.5 25.2 37.8
86 61.5 53.3 79.9



#21
trans-1,2-Dichloroethene
Concen: 0.207 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 96 Resp: 1031
Ion Ratio Lower Upper
96 100
61 69.8 90.1 135.1#
98 39.7 46.4 69.6#

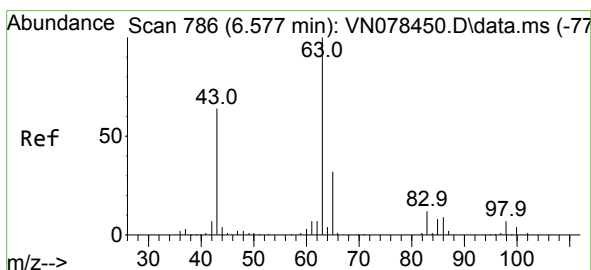
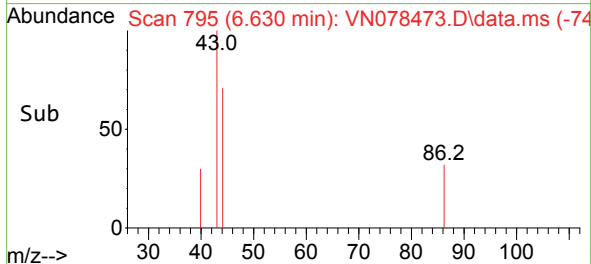
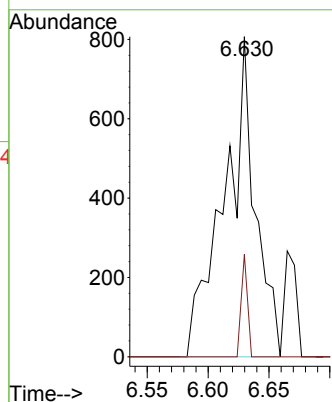
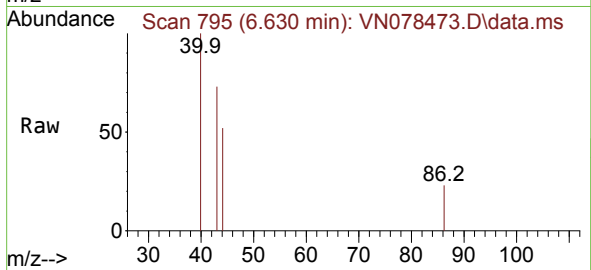




#23
 Vinyl Acetate
 Concen: 0.165 ug/l
 RT: 6.630 min Scan# 795
 Delta R.T. 0.018 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

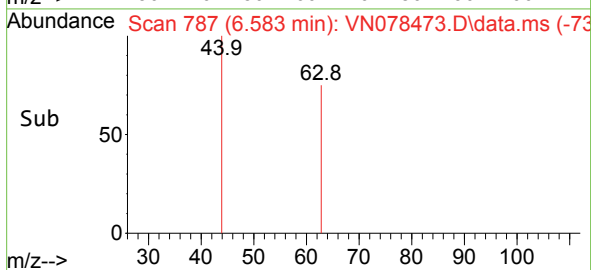
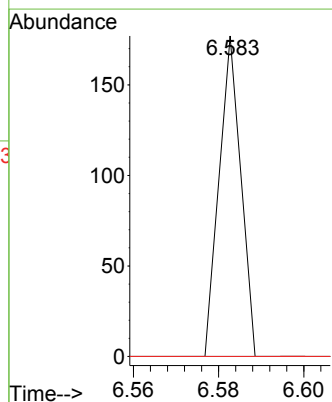
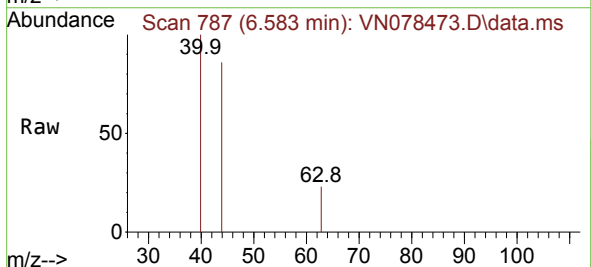
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712MBL01

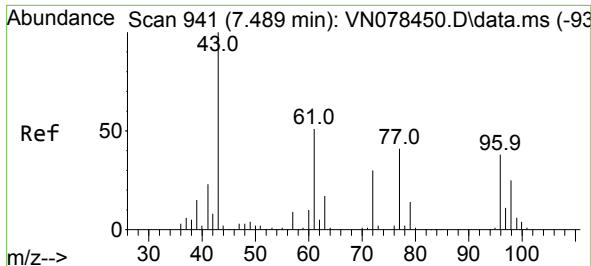
Tgt Ion: 43 Resp: 1424
 Ion Ratio Lower Upper
 43 100
 86 32.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.007 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

Tgt Ion: 63 Resp: 62
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#

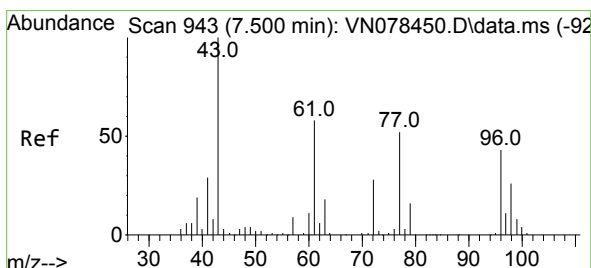
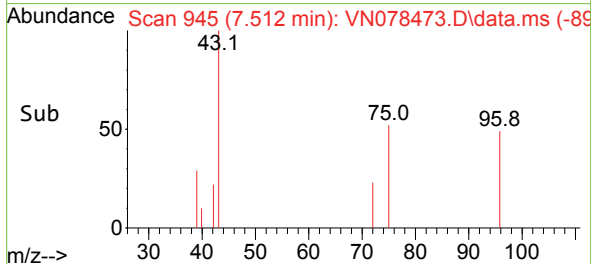
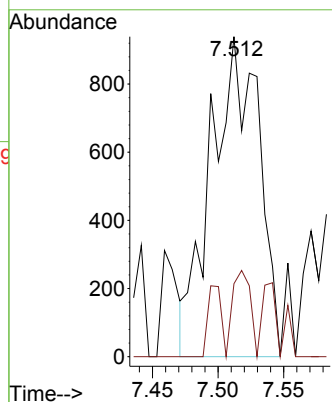
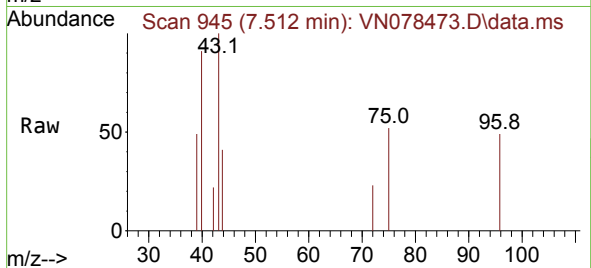




#25
2-Butanone
Concen: 0.861 ug/l
RT: 7.512 min Scan# 941
Delta R.T. 0.023 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

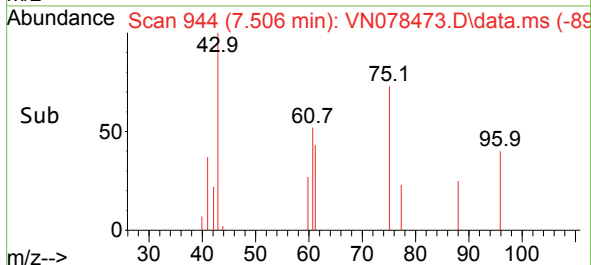
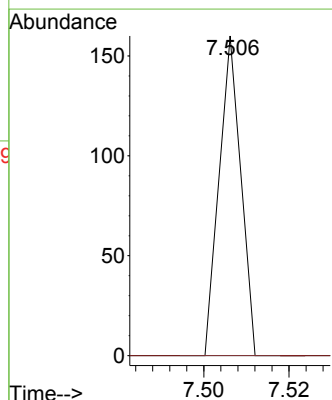
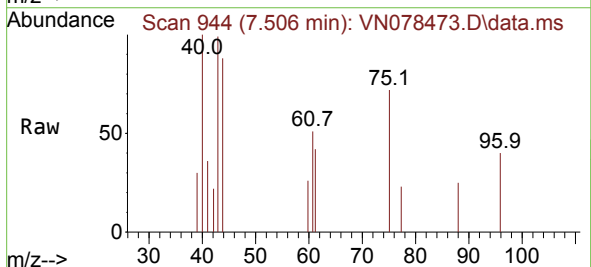
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

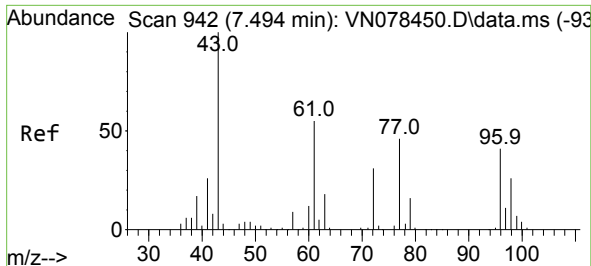
Tgt Ion: 43 Resp: 2375
Ion Ratio Lower Upper
43 100
72 22.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 0.008 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#

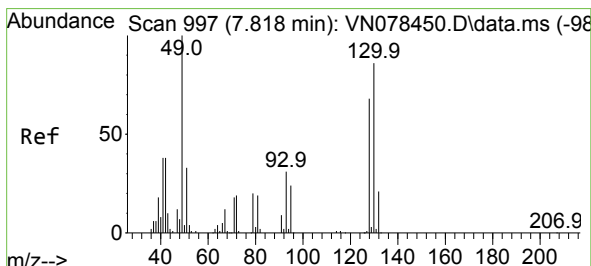
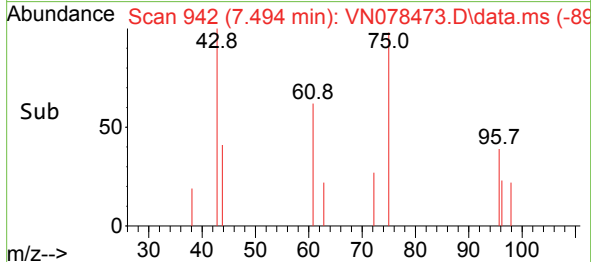
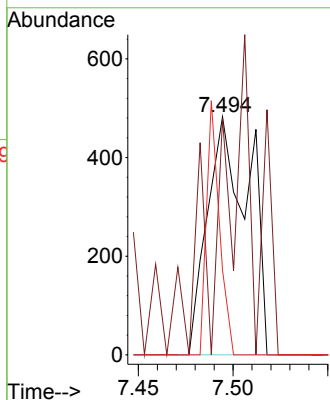
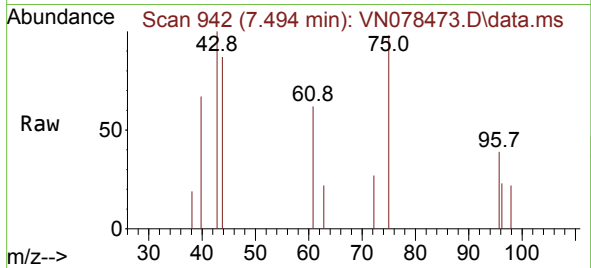




#27
 cis-1,2-Dichloroethene
 Concen: 0.127 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

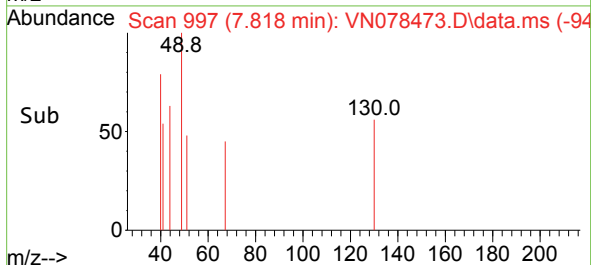
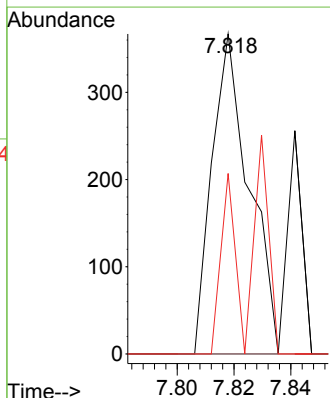
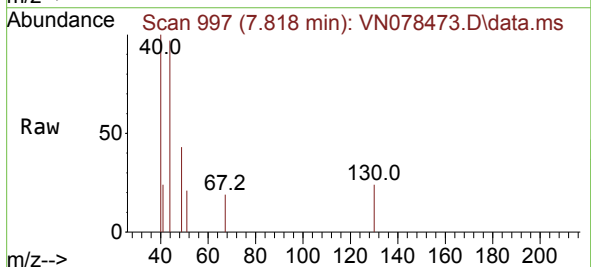
Instrument :
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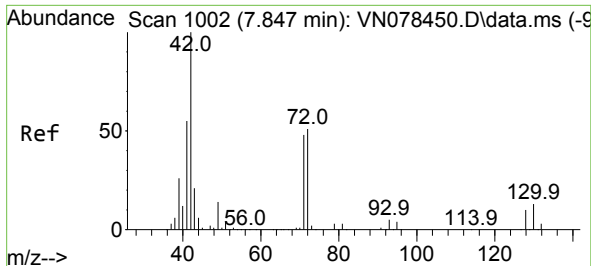
Tgt Ion: 96 Resp: 732
 Ion Ratio Lower Upper
 96 100
 61 29.2 0.0 255.2
 98 33.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 0.078 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

Tgt Ion: 49 Resp: 334
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 21.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 0.212 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01

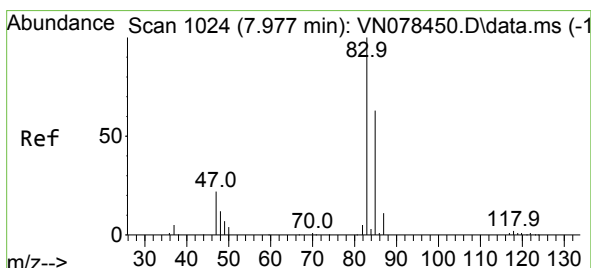
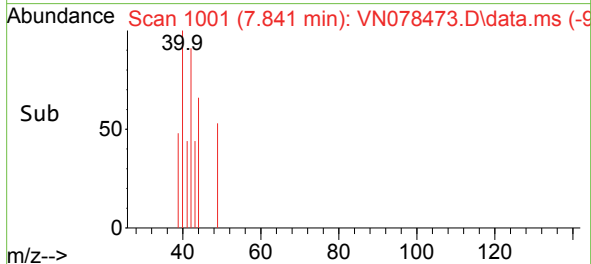
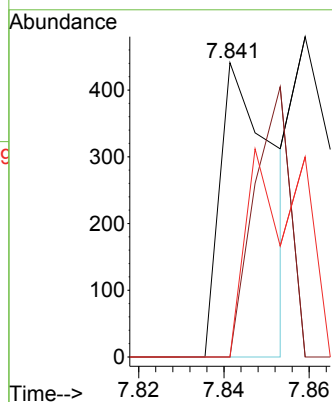
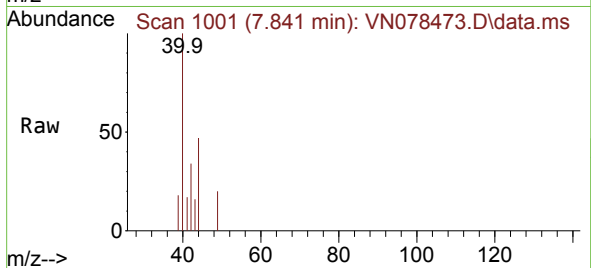
Tgt Ion: 42 Resp: 384

Ion Ratio Lower Upper

42 100

72 61.2 49.8 74.6

71 71.6 47.4 71.2#



#30

Chloroform

Concen: 0.069 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078473.D

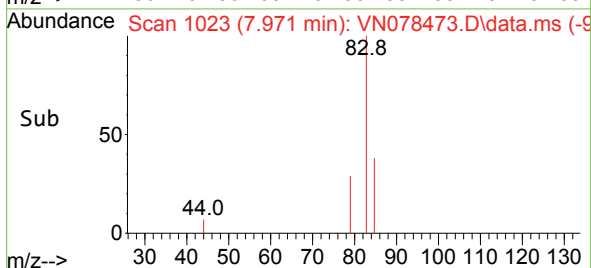
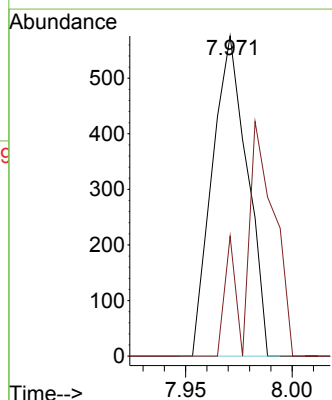
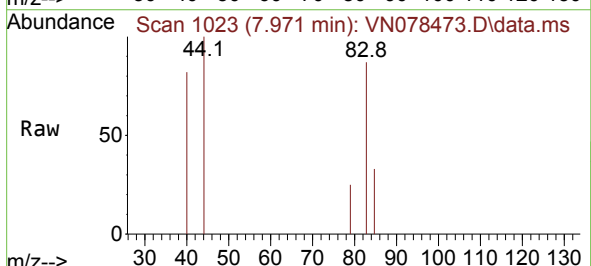
Acq: 12 Jul 2023 11:19

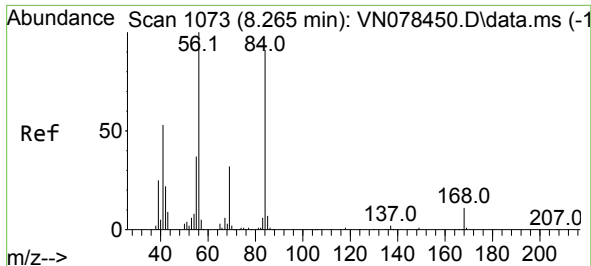
Tgt Ion: 83 Resp: 655

Ion Ratio Lower Upper

83 100

85 37.5 55.4 83.0#

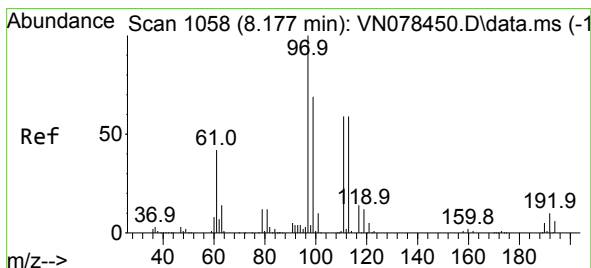
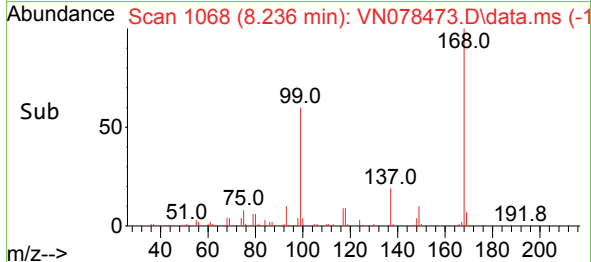
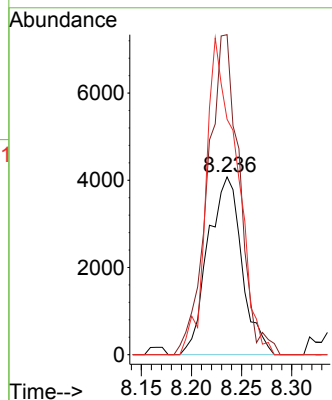
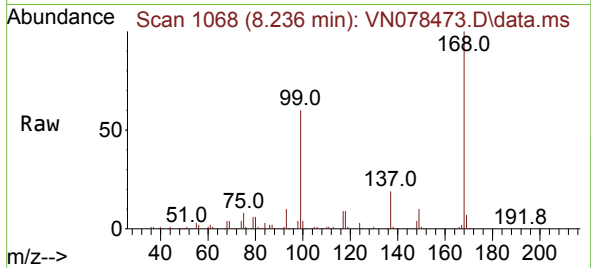




#31
Cyclohexane
Concen: 1.258 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

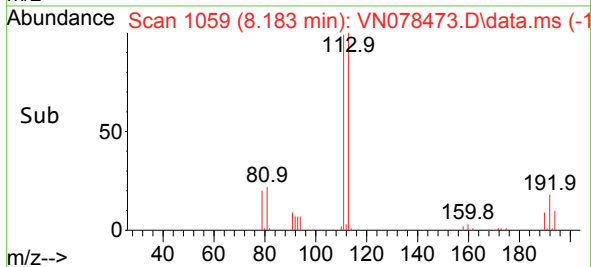
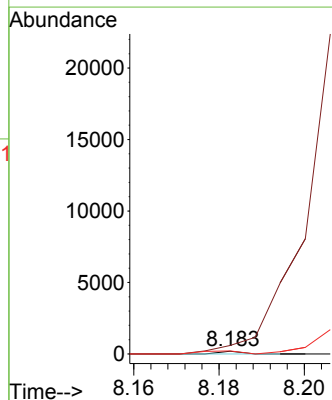
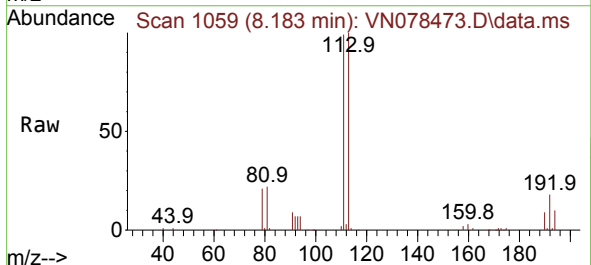
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

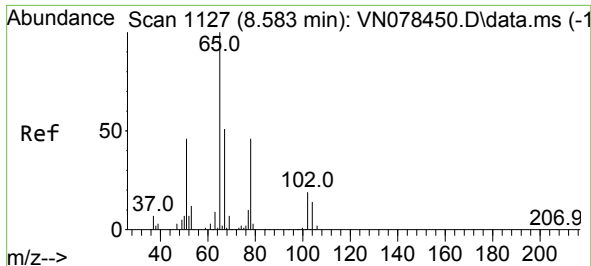
Tgt Ion: 56 Resp: 9556
Ion Ratio Lower Upper
56 100
69 180.0 26.8 40.2#
84 132.4 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 0.008 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 97 Resp: 68
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 50.460 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

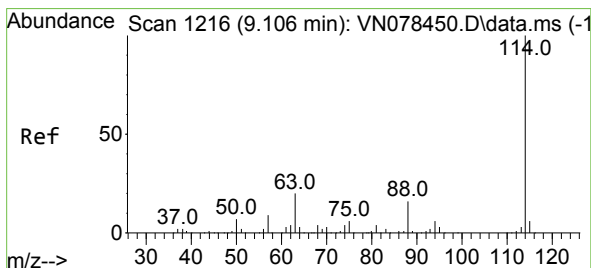
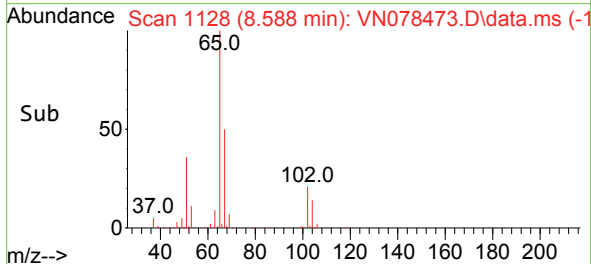
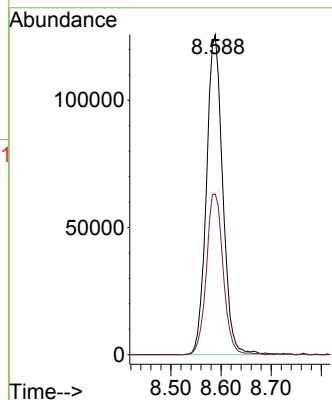
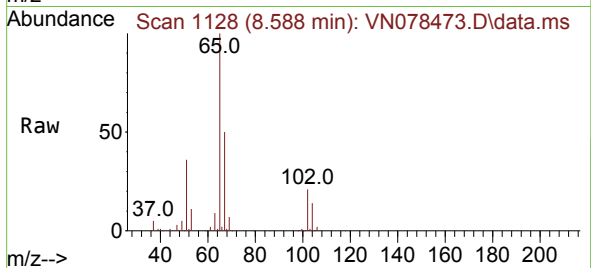
VN0712MBL01

Tgt Ion: 65 Resp: 283716

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

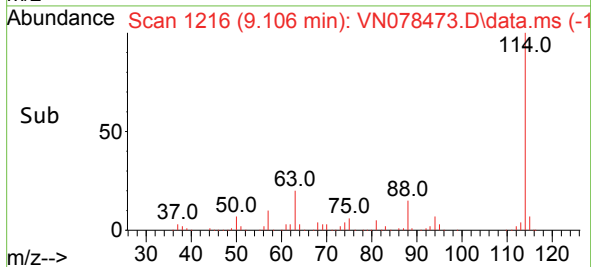
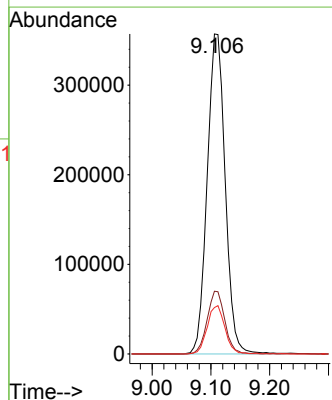
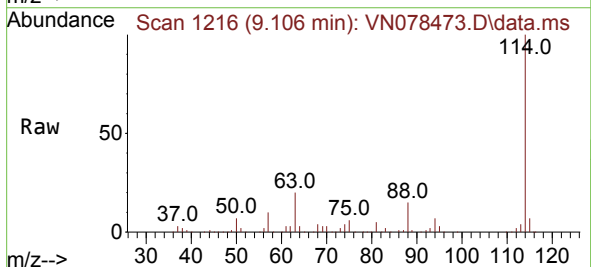
Tgt Ion: 114 Resp: 759250

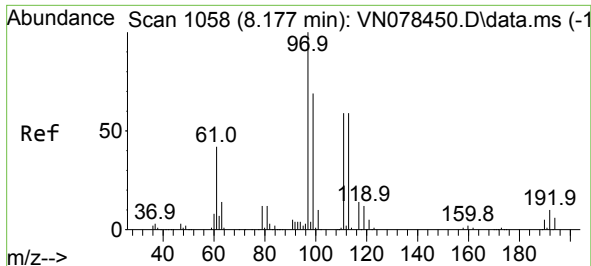
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 14.5 0.0 30.6

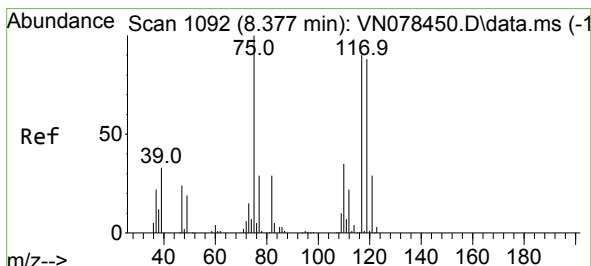
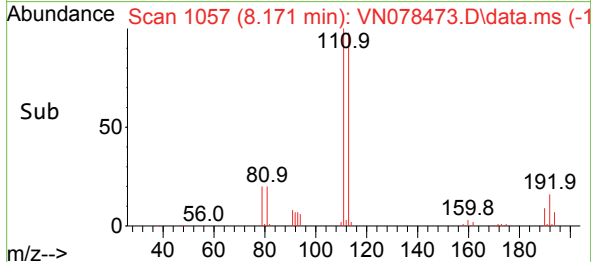
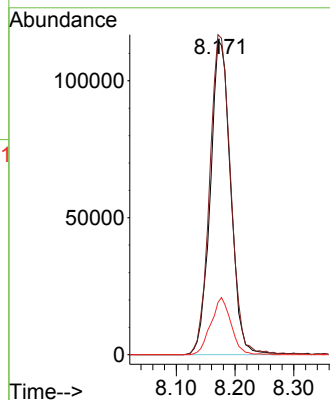
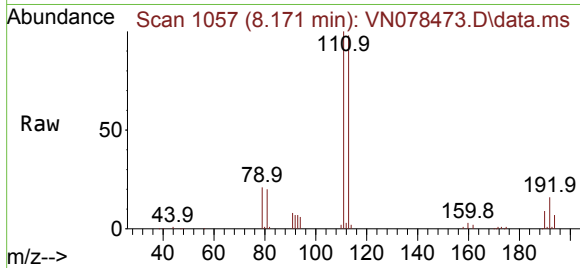




#35
 Dibromofluoromethane
 Concen: 53.328 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

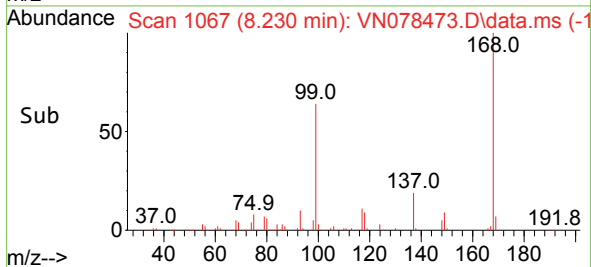
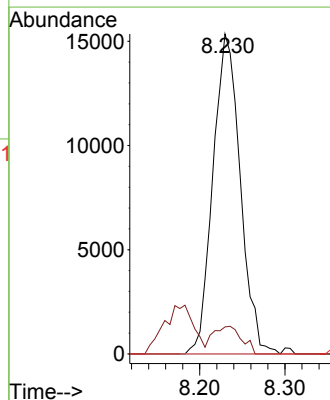
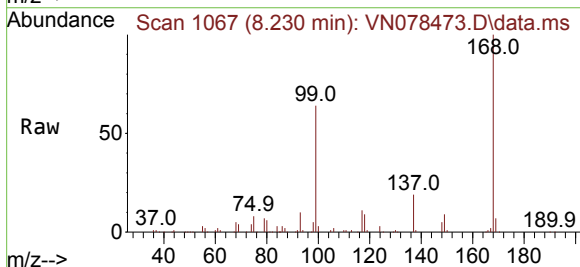
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712MBL01

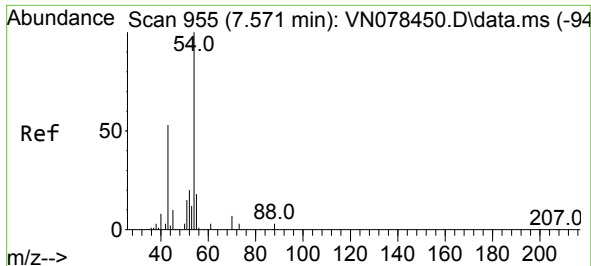
Tgt Ion:	113	Resp:	274852
Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.6	123.8
192	17.9	12.7	19.1



#36
 1,1-Dichloropropene
 Concen: 4.589 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

Tgt Ion:	75	Resp:	34150
Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.1	57.3#
77	0.0	25.0	37.4#





#37

Ethyl Acetate

Concen: 0.129 ug/l

RT: 7.583 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01

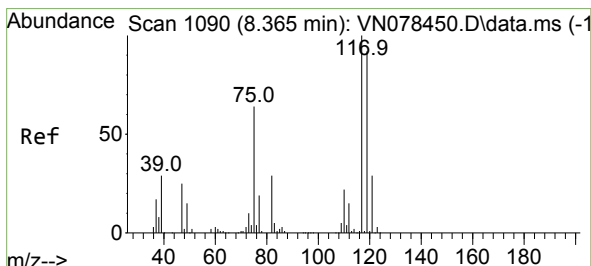
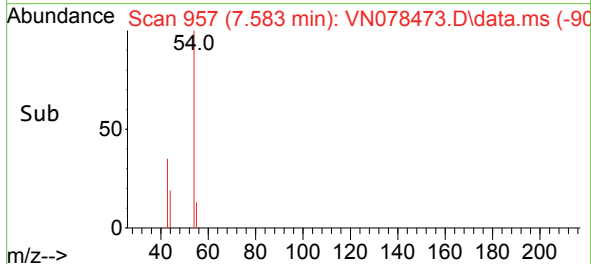
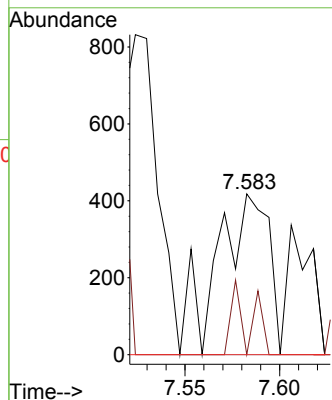
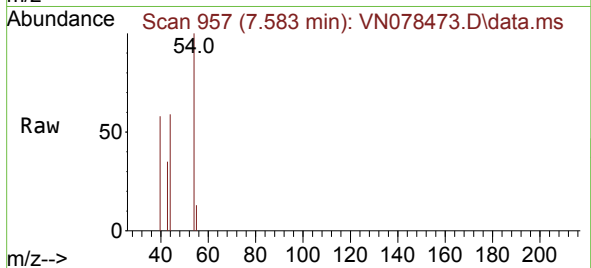
Tgt Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

61 15.9 13.2 19.8

70 0.0 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.709 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

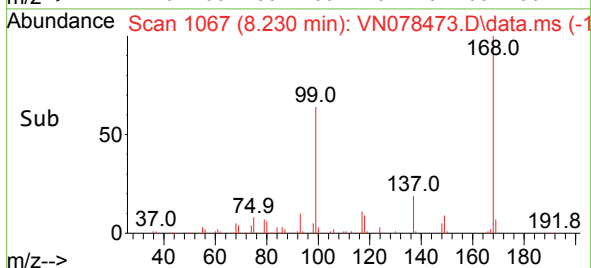
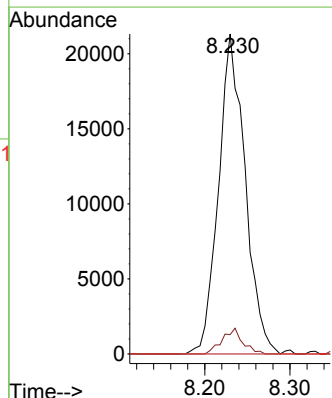
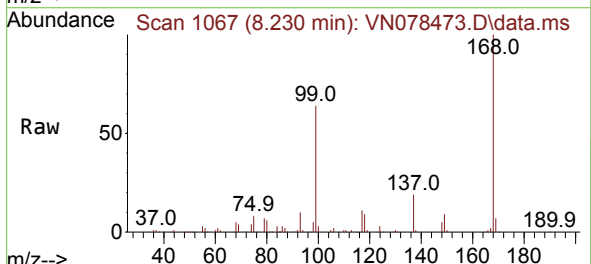
Tgt Ion: 117 Resp: 46179

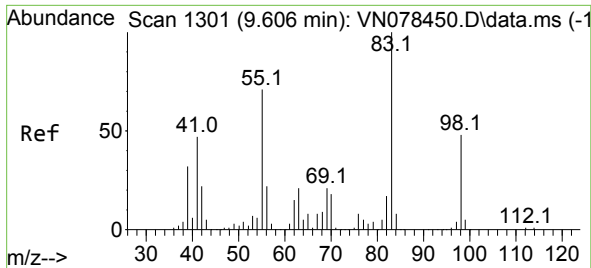
Ion Ratio Lower Upper

117 100

119 6.1 77.3 115.9#

121 0.0 23.3 34.9#

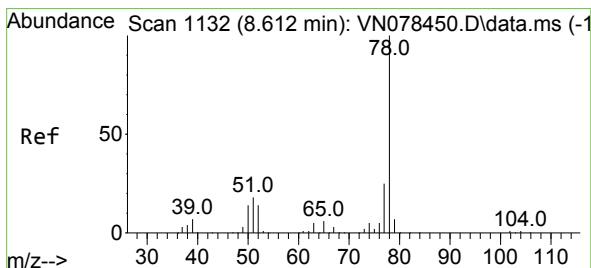
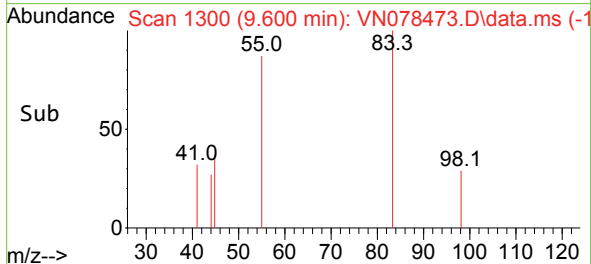
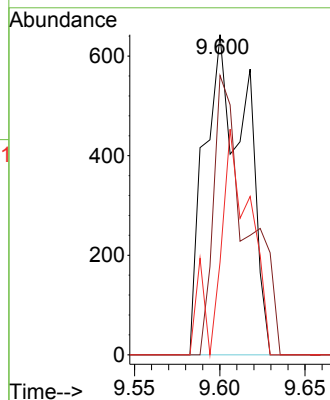
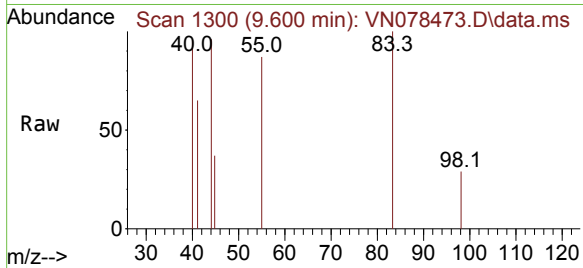




#39
Methylcyclohexane
Concen: 0.159 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

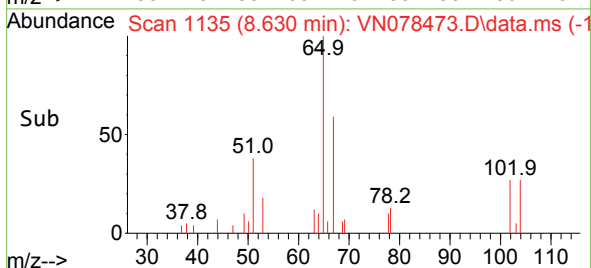
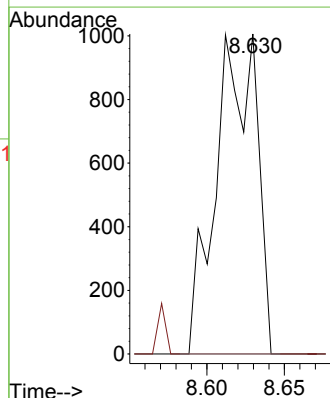
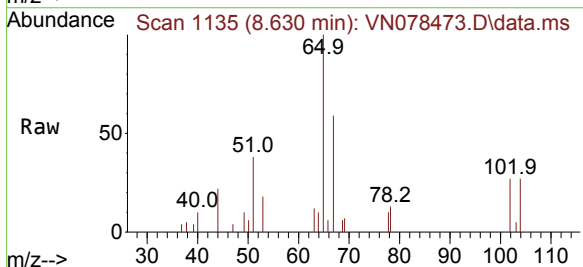
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

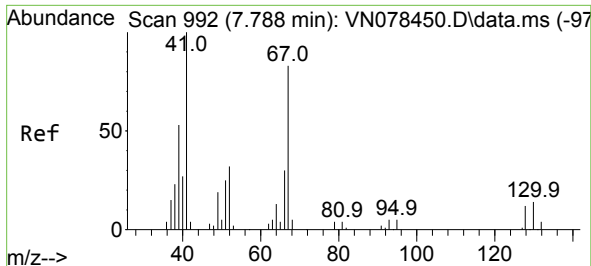
Tgt Ion: 83 Resp: 1080
Ion Ratio Lower Upper
83 100
55 87.2 49.1 73.7#
98 28.9 40.6 61.0#



#40
Benzene
Concen: 0.083 ug/l
RT: 8.630 min Scan# 1135
Delta R.T. 0.018 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 78 Resp: 1832
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.6#

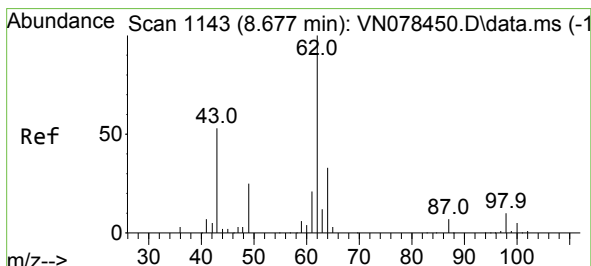
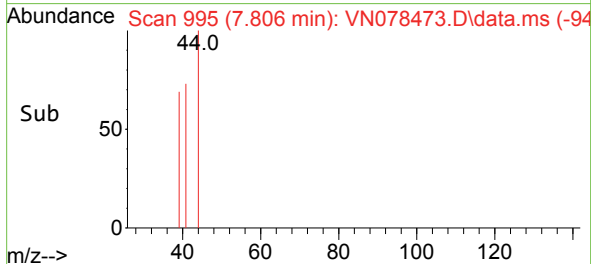
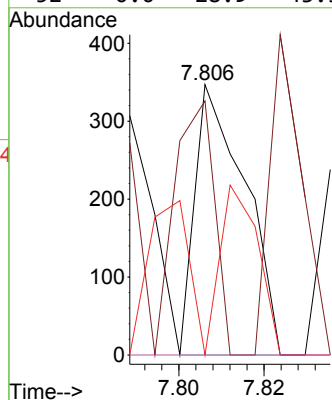
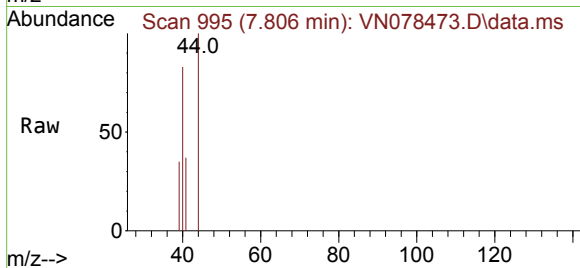




#41
Methacrylonitrile
Concen: 0.090 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.018 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

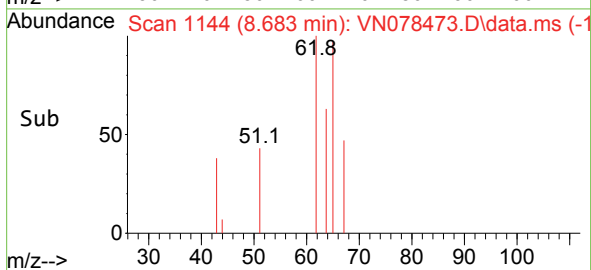
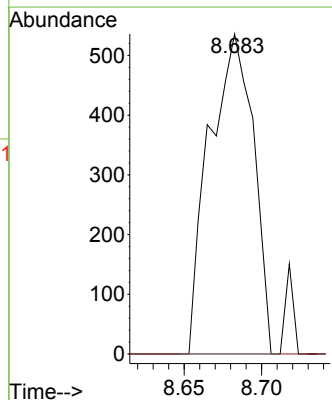
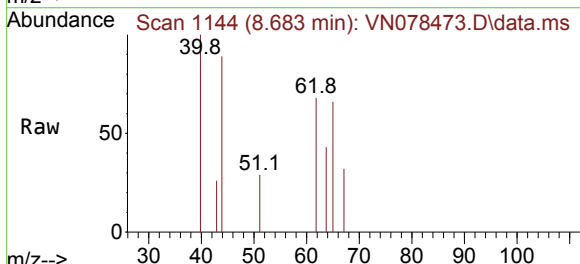
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

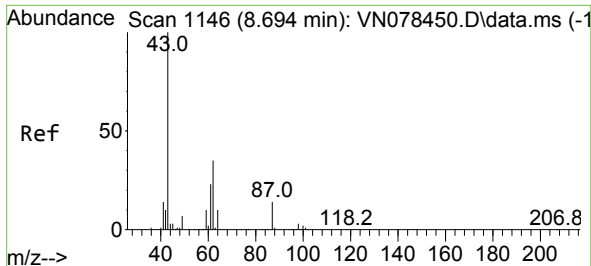
Tgt Ion:	41	Resp:	284
Ion	Ratio	Lower	Upper
41	100		
39	74.6	42.6	64.0#
67	47.5	77.5	116.3#
52	0.0	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 0.142 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion:	62	Resp:	1062
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.8

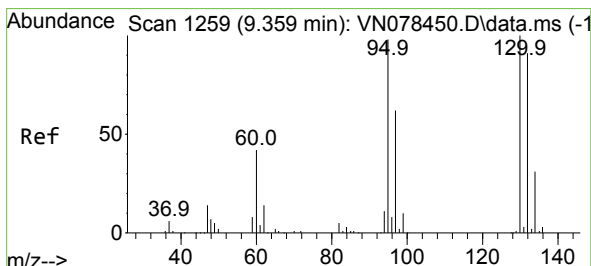
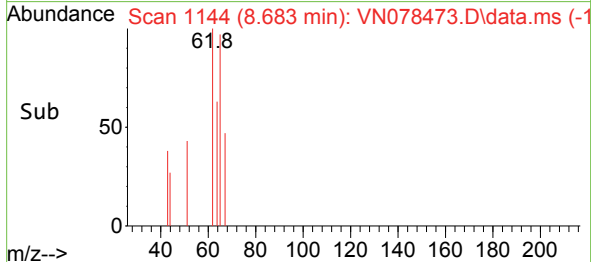
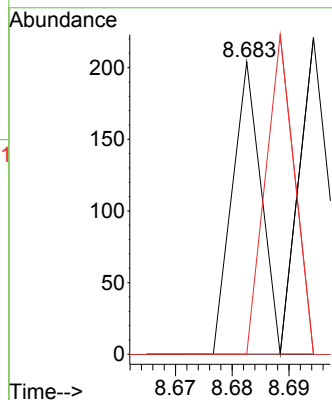
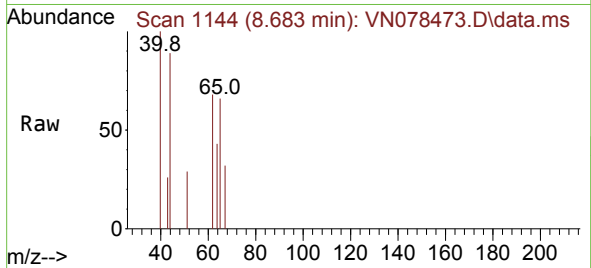




#43
Isopropyl Acetate
Concen: 0.007 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.011 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

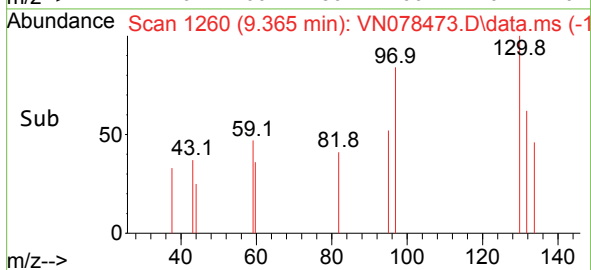
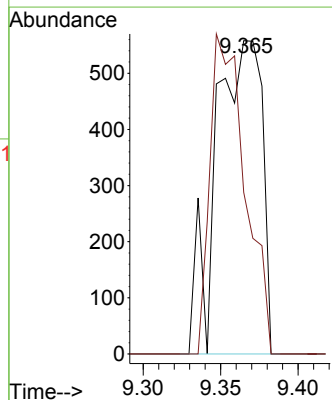
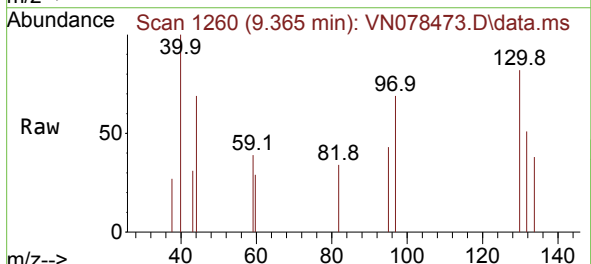
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

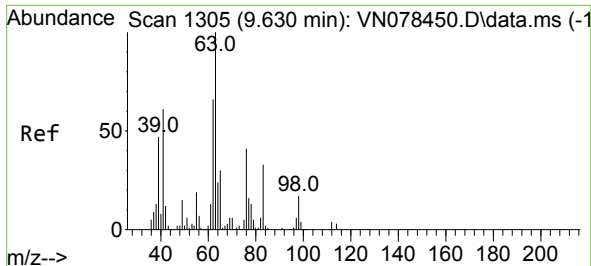
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 109.7 14.6 21.8#



#44
Trichloroethene
Concen: 0.195 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion:130 Resp: 1161
Ion Ratio Lower Upper
130 100
95 51.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.064 ug/l

RT: 9.630 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

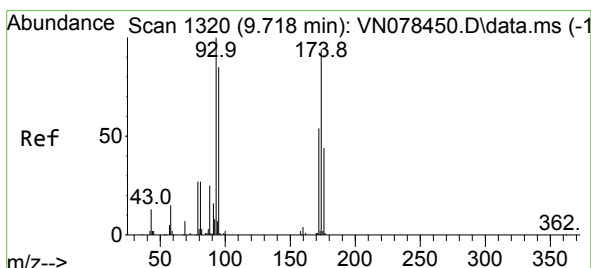
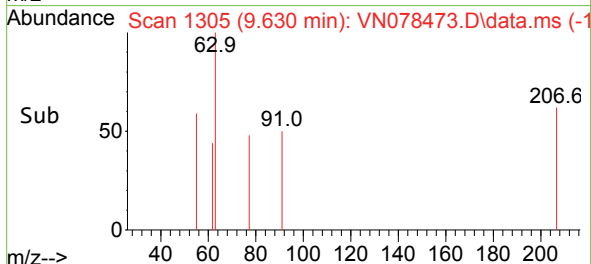
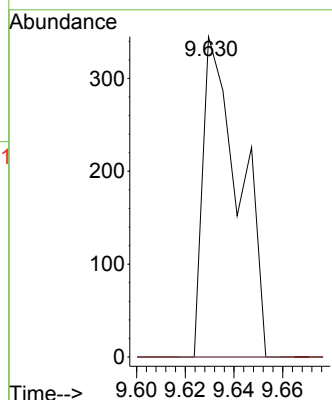
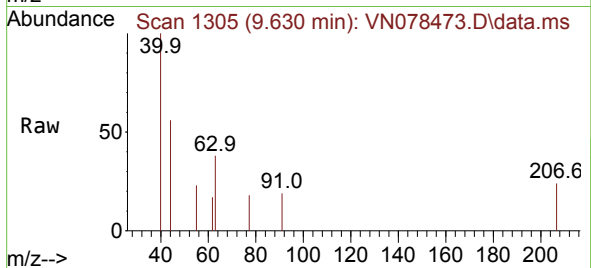
VN0712MBL01

Tgt Ion: 63 Resp: 356

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#46

Dibromomethane

Concen: 0.147 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

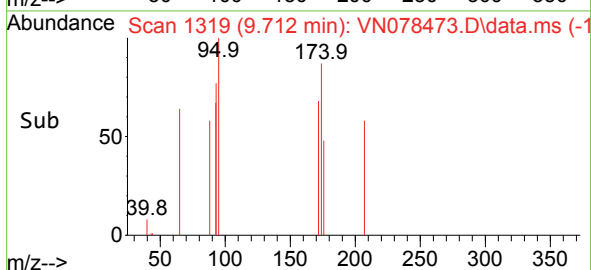
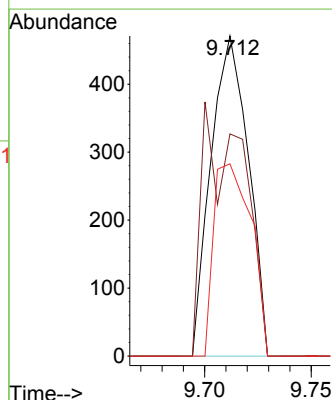
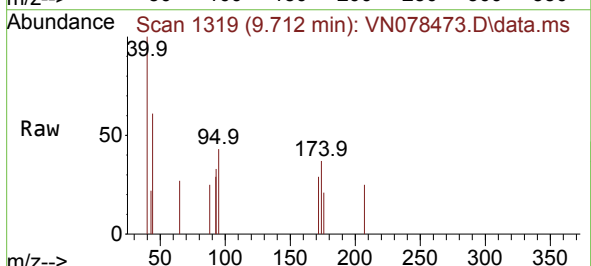
Tgt Ion: 93 Resp: 577

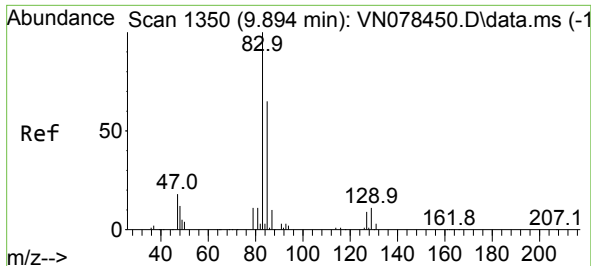
Ion Ratio Lower Upper

93 100

95 87.3 63.8 95.8

174 60.1 65.6 98.4#





#47

Bromodichloromethane

Concen: 0.016 ug/l

RT: 9.906 min Scan# 1352

Delta R.T. 0.012 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01

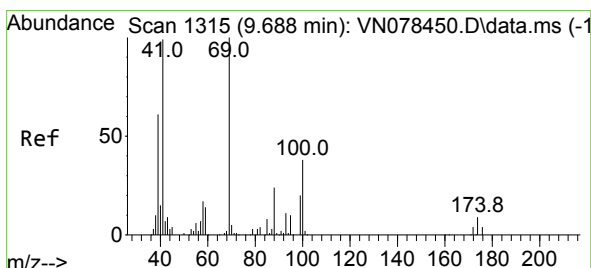
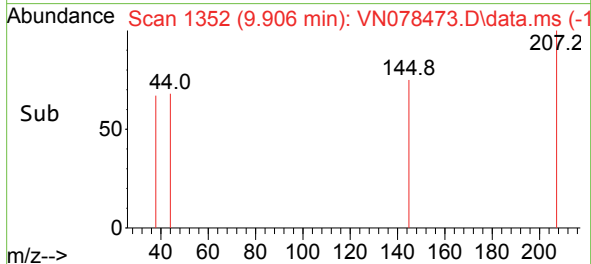
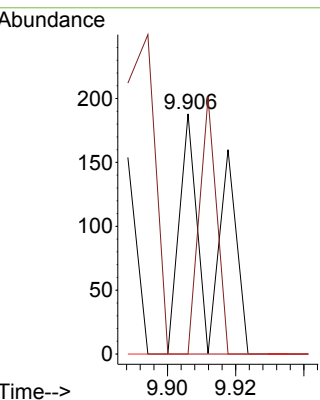
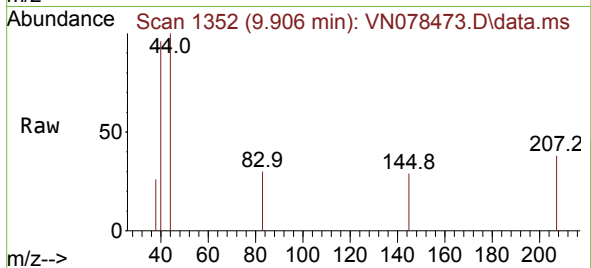
Tgt Ion: 83 Resp: 123

Ion Ratio Lower Upper

83 100

85 0.0 49.6 74.4#

127 0.0 7.0 10.6#



#48

Methyl methacrylate

Concen: 0.119 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

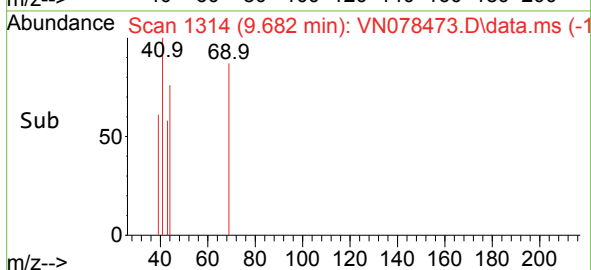
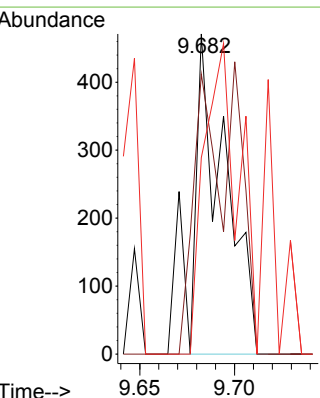
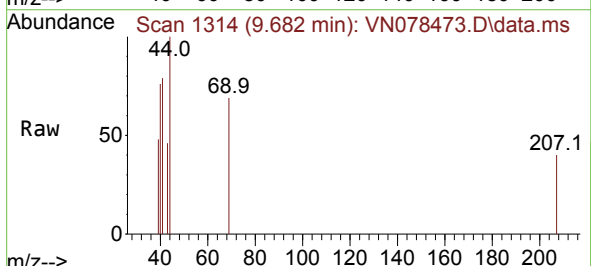
Tgt Ion: 41 Resp: 562

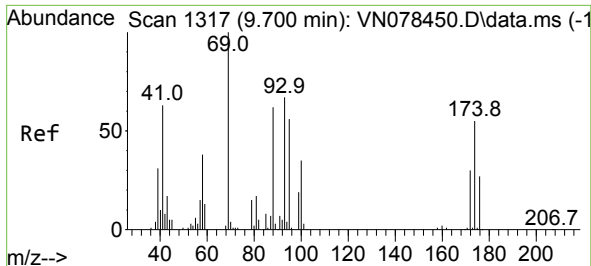
Ion Ratio Lower Upper

41 100

69 67.3 90.4 135.6#

39 102.5 54.6 81.8#





#49

1,4-Dioxane

Concen: 4.913 ug/l

RT: 9.730 min Scan# 11

Delta R.T. 0.030 min

Lab File: VN078473.D

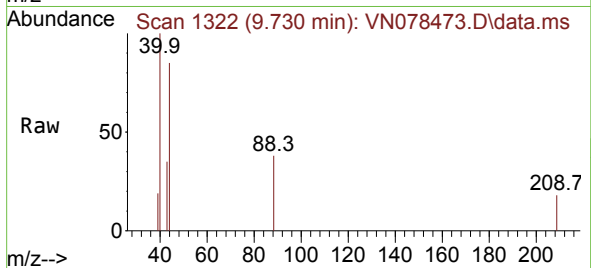
Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01



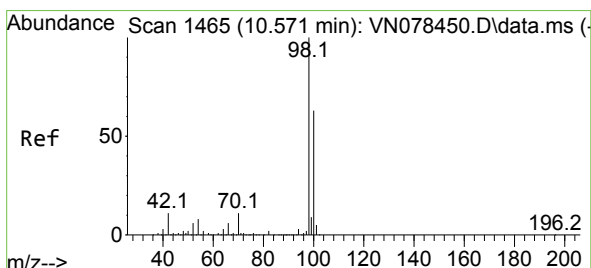
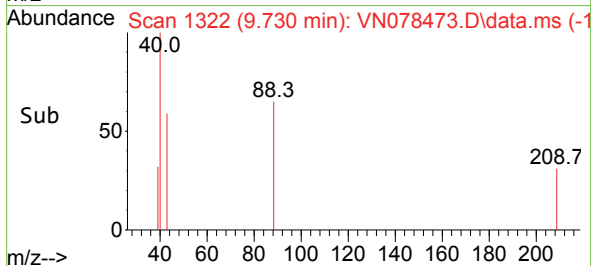
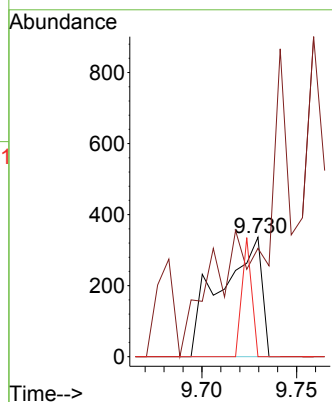
Tgt Ion: 88 Resp: 507

Ion Ratio Lower Upper

88 100

43 96.6 17.0 25.6#

58 23.3 47.0 70.4#



#50

Toluene-d8

Concen: 45.219 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078473.D

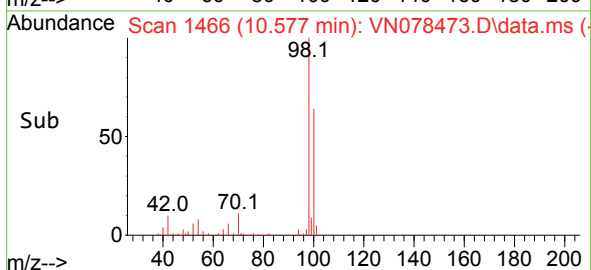
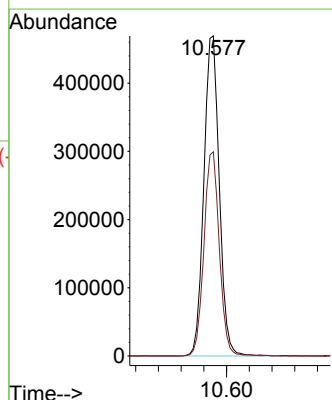
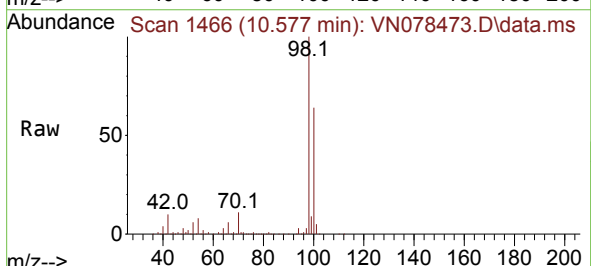
Acq: 12 Jul 2023 11:19

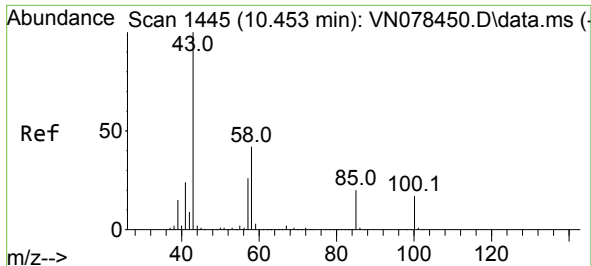
Tgt Ion: 98 Resp: 880425

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.625 ug/l

RT: 10.459 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

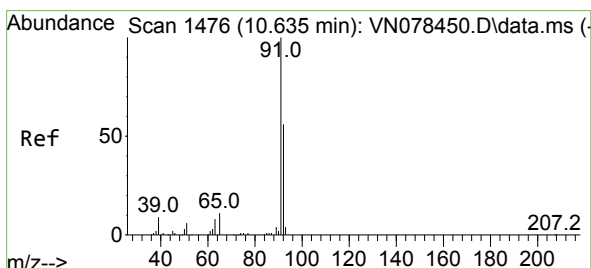
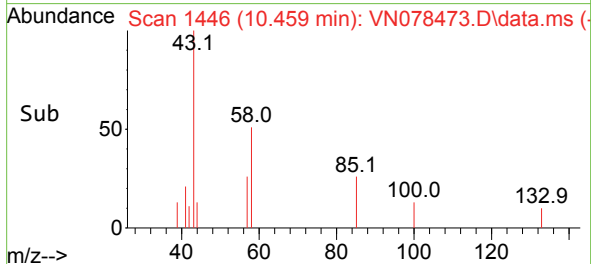
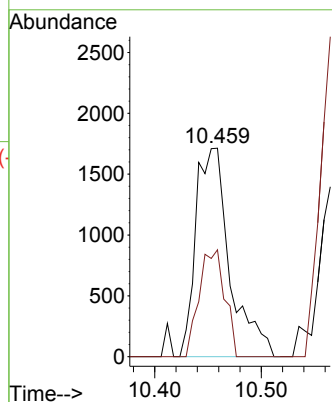
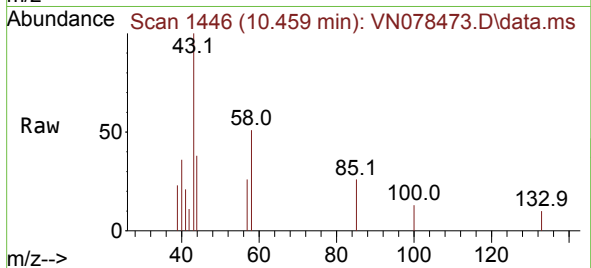
VN0712MBL01

Tgt Ion: 43 Resp: 3800

Ion Ratio Lower Upper

43 100

58 38.7 36.6 54.8



#52

Toluene

Concen: 0.131 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN078473.D

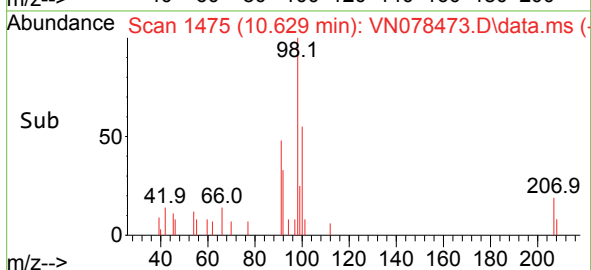
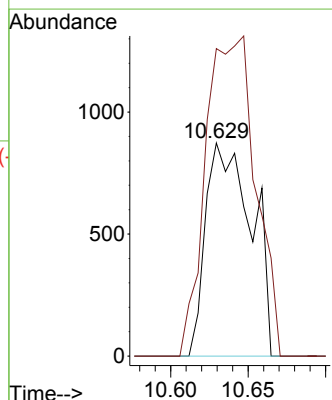
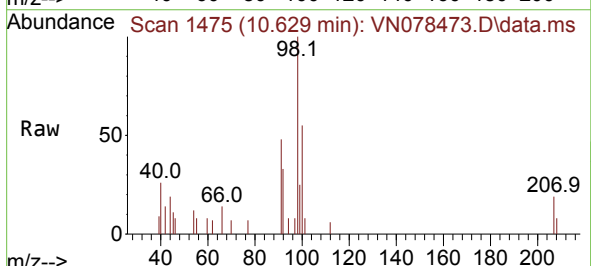
Acq: 12 Jul 2023 11:19

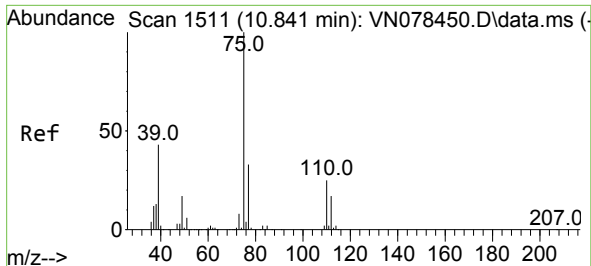
Tgt Ion: 92 Resp: 1790

Ion Ratio Lower Upper

92 100

91 163.7 137.4 206.0

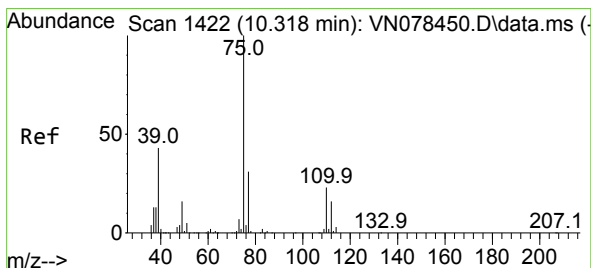
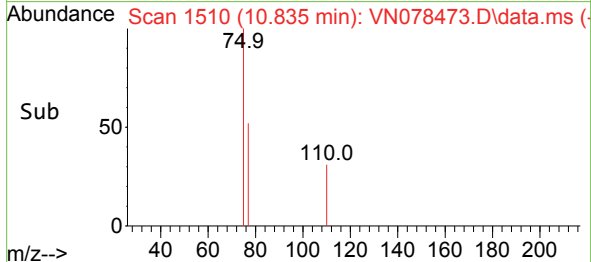
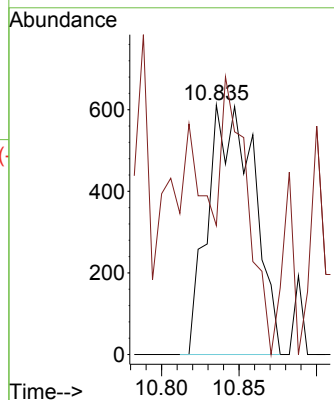
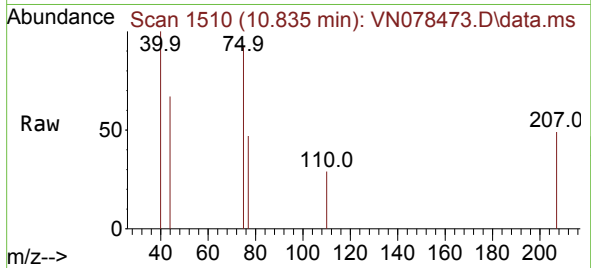




#53
t-1,3-Dichloropropene
Concen: 0.157 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

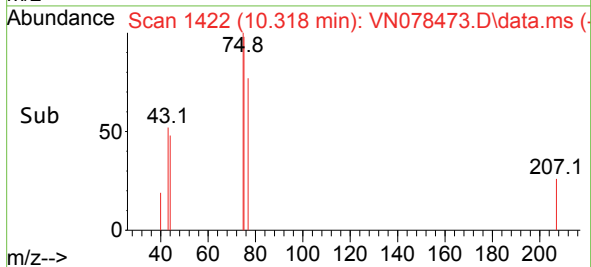
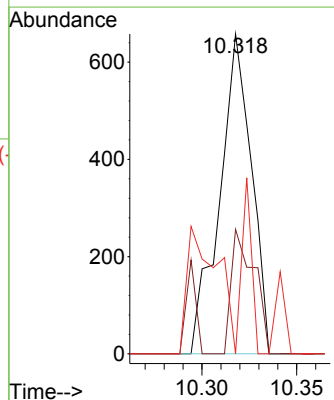
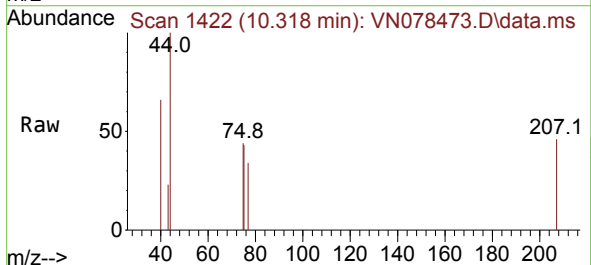
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

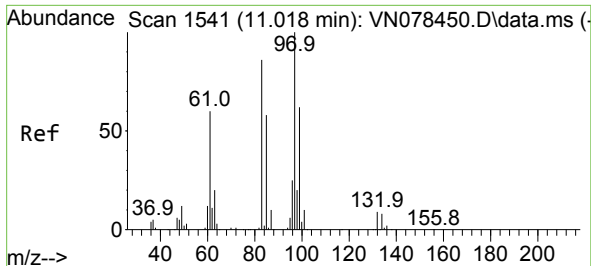
Tgt Ion: 75 Resp: 1271
Ion Ratio Lower Upper
75 100
77 25.0 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 0.089 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

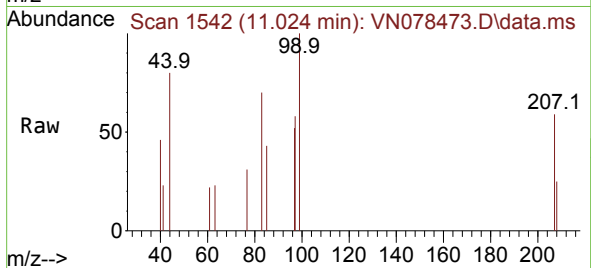
Tgt Ion: 75 Resp: 768
Ion Ratio Lower Upper
75 100
77 38.9 26.1 39.1
39 0.0 31.6 47.4#



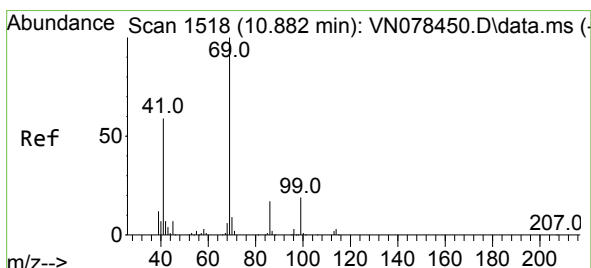
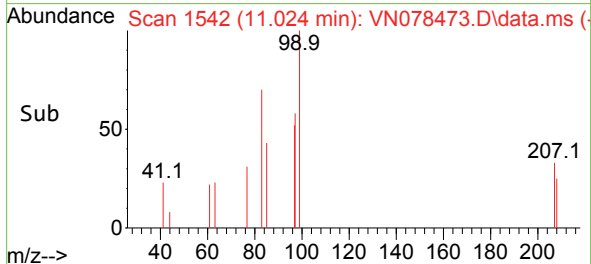
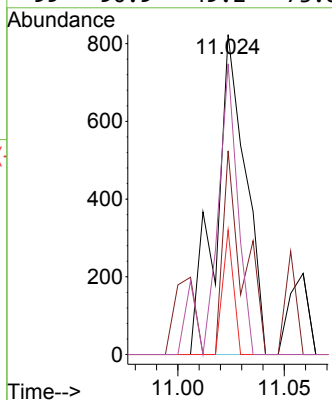


#55
1,1,2-Trichloroethane
Concen: 0.149 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

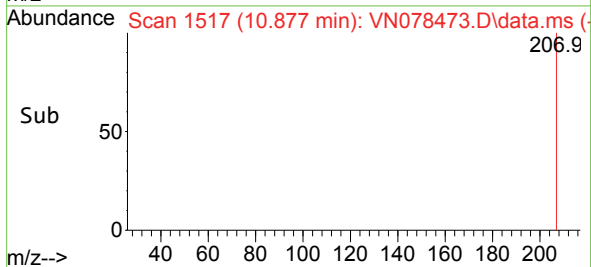
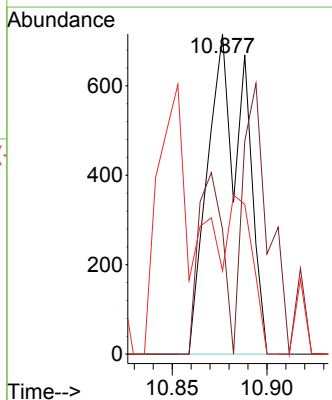
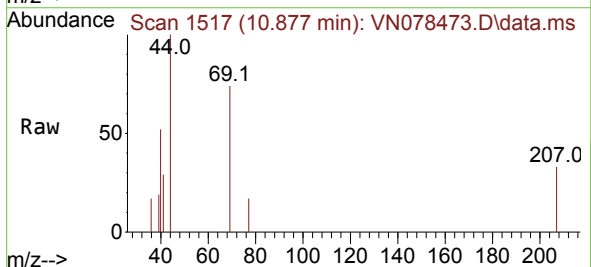


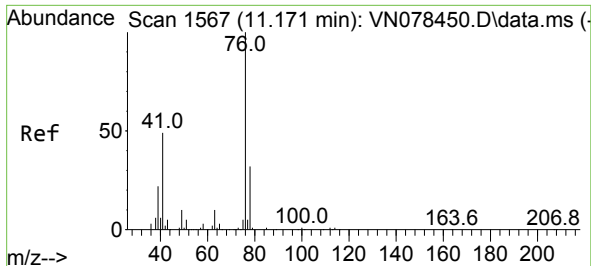
Tgt Ion: 97	Resp: 804
Ion Ratio	Lower Upper
97 100	
83 63.7	65.1 97.7#
85 39.0	43.4 65.2#
99 90.9	49.2 73.8#



#56
Ethyl methacrylate
Concen: 0.128 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 69	Resp:	964	
Ion	Ratio	Lower	Upper
69	100		
41	37.6	39.6	59.4#
39	31.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 0.068 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

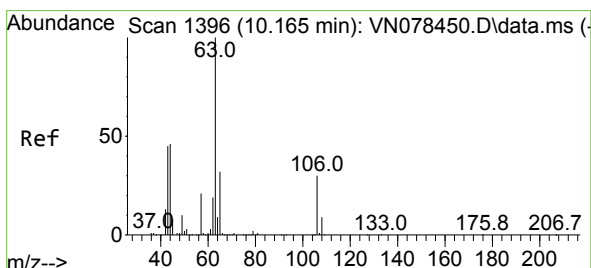
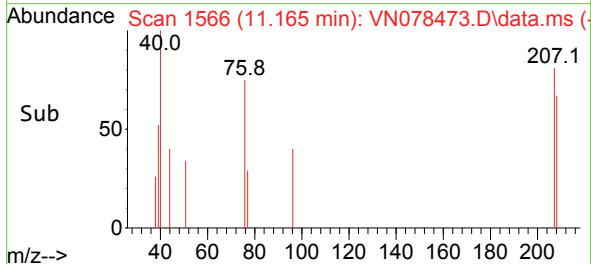
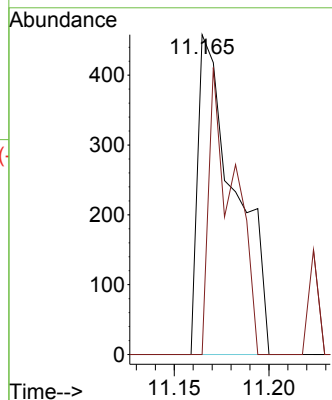
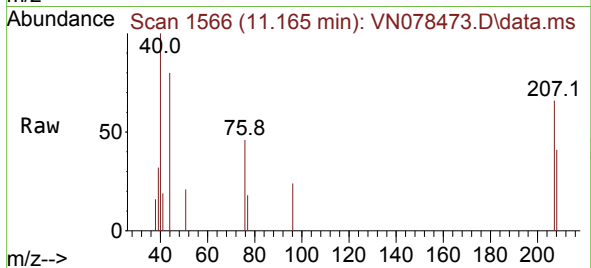
VN0712MBL01

Tgt Ion: 76 Resp: 625

Ion Ratio Lower Upper

76 100

78 60.5 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.080 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN078473.D

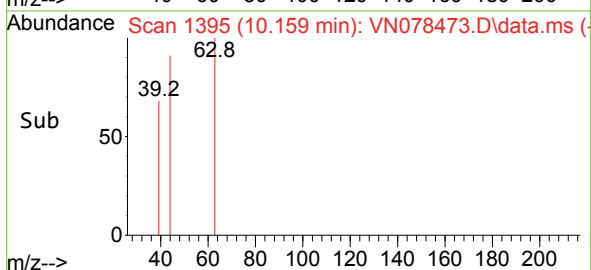
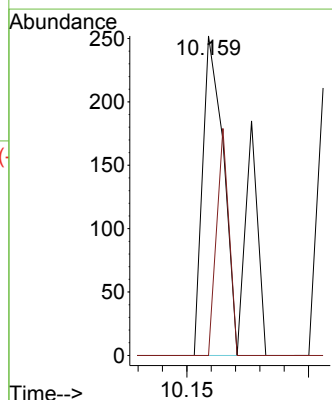
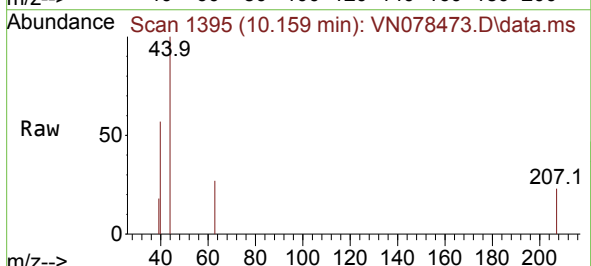
Acq: 12 Jul 2023 11:19

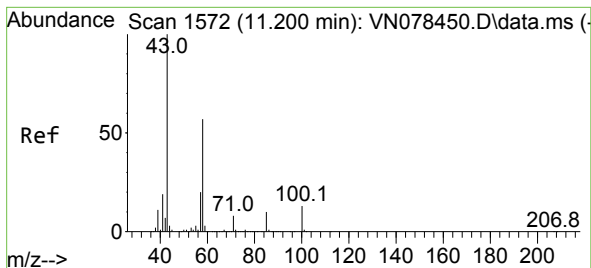
Tgt Ion: 63 Resp: 214

Ion Ratio Lower Upper

63 100

106 29.4 26.2 39.4

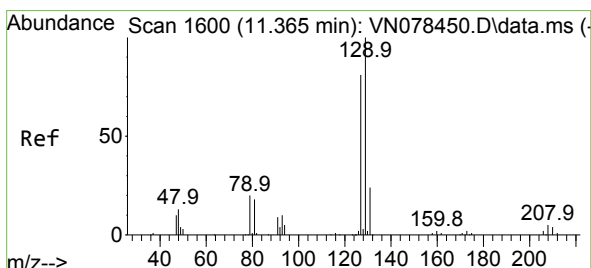
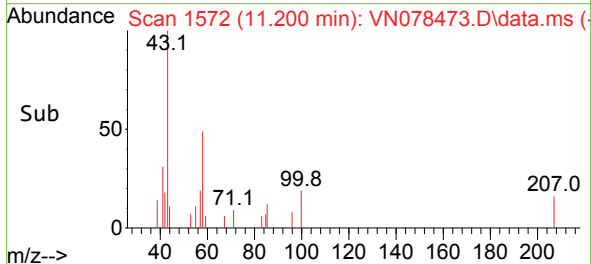
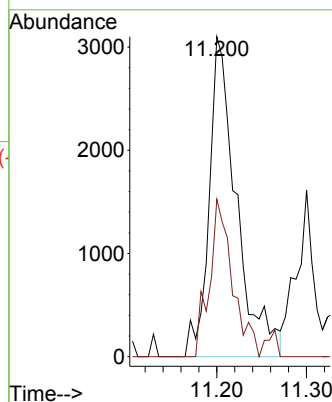
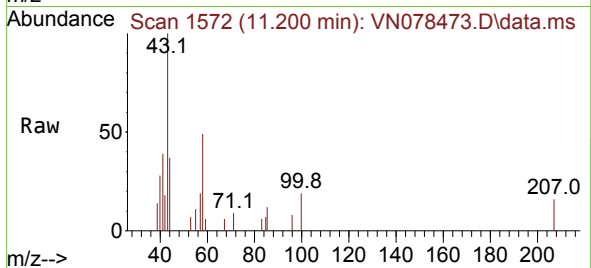




#59
2-Hexanone
Concen: 1.523 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

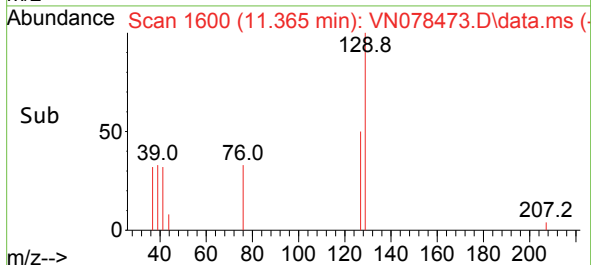
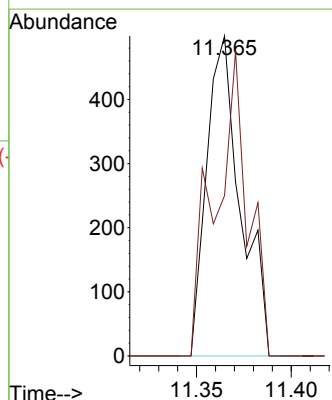
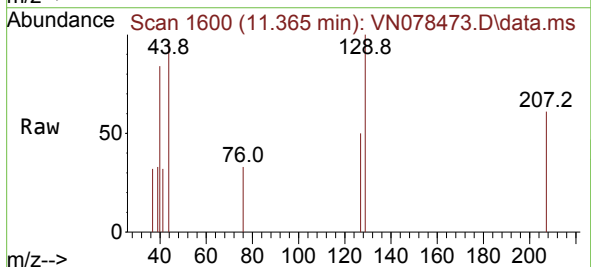
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

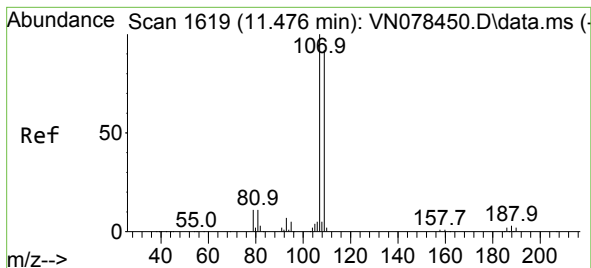
Tgt Ion: 43 Resp: 6577
Ion Ratio Lower Upper
43 100
58 41.6 31.7 95.1



#60
Dibromochloromethane
Concen: 0.104 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

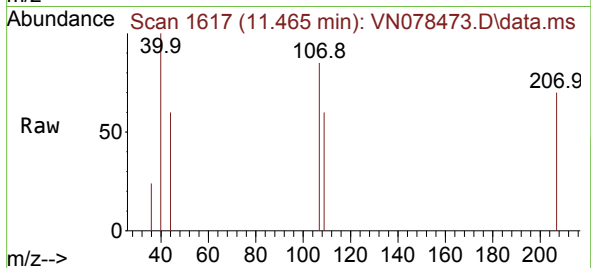
Tgt Ion: 129 Resp: 620
Ion Ratio Lower Upper
129 100
127 93.1 38.6 116.0



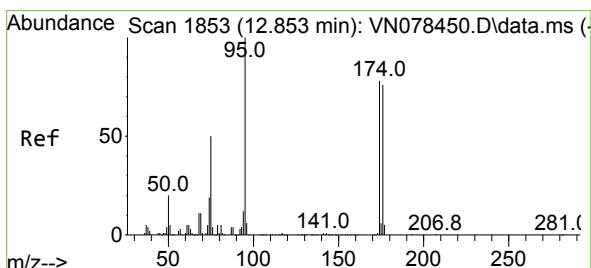
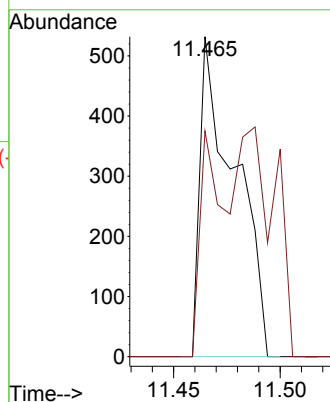
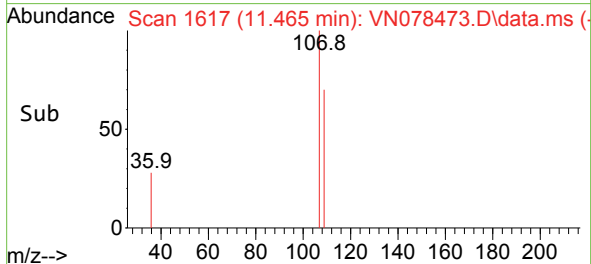


#61
1,2-Dibromoethane
Concen: 0.109 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.011 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

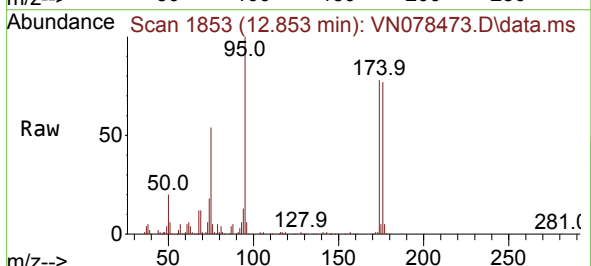
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01



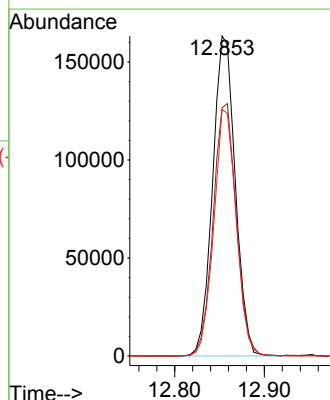
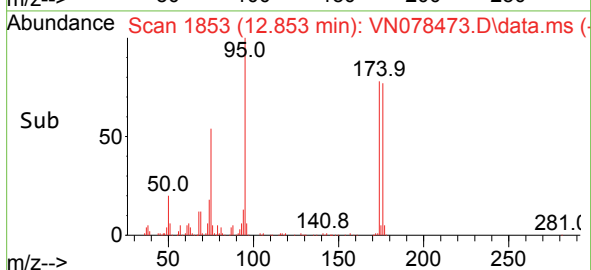
Tgt Ion:107 Resp: 605
Ion Ratio Lower Upper
107 100
109 0.0 76.6 114.8#

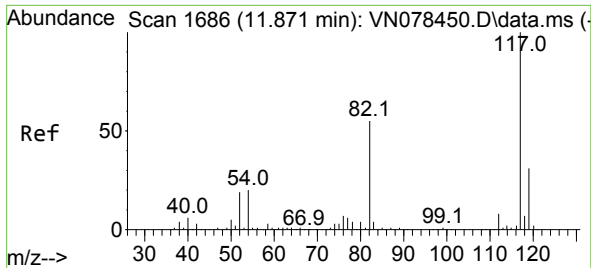


#62
4-Bromofluorobenzene
Concen: 47.612 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19



Tgt Ion: 95 Resp: 285541
Ion Ratio Lower Upper
95 100
174 80.7 0.0 143.8
176 76.3 0.0 135.8

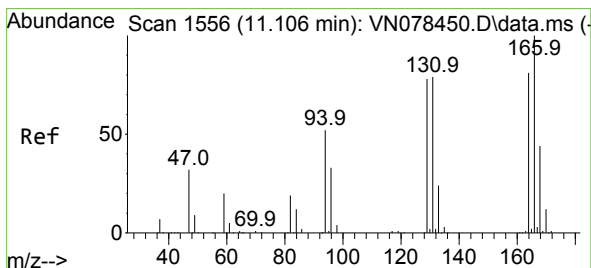
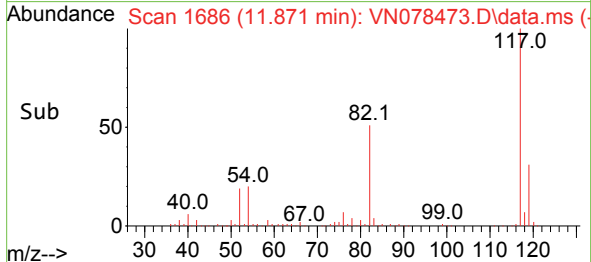
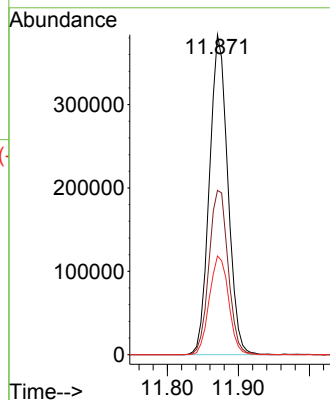
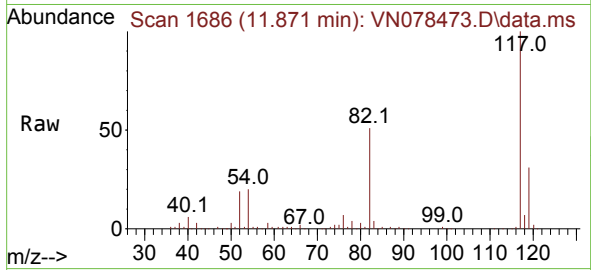




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

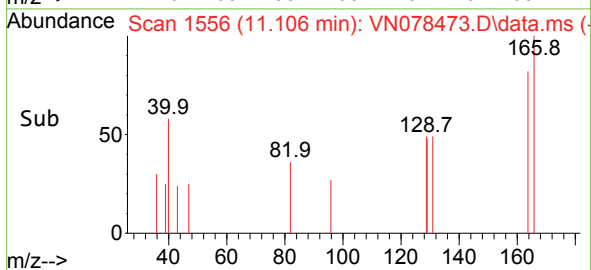
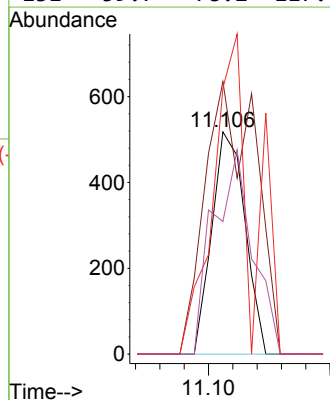
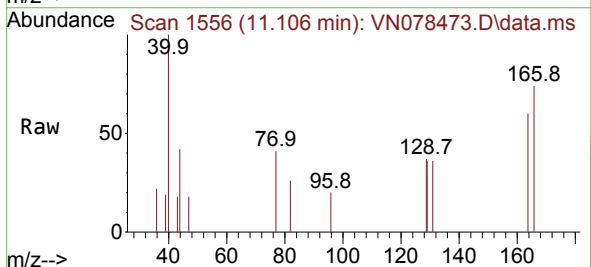
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

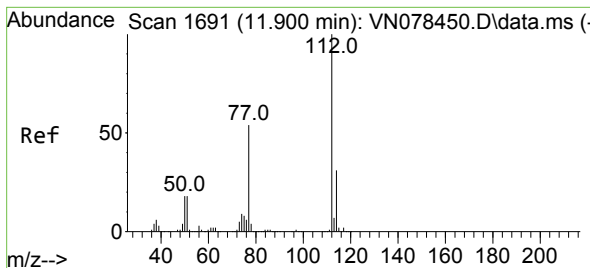
Tgt Ion:117 Resp: 689255
Ion Ratio Lower Upper
117 100
82 51.4 44.0 66.0
119 30.9 25.6 38.4



#64
Tetrachloroethene
Concen: 0.095 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion:164 Resp: 490
Ion Ratio Lower Upper
164 100
166 122.6 101.4 152.0
129 119.7 82.4 123.6
131 59.7 78.2 117.4#





#65

Chlorobenzene

Concen: 0.235 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

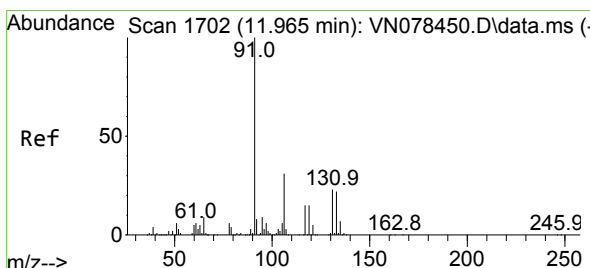
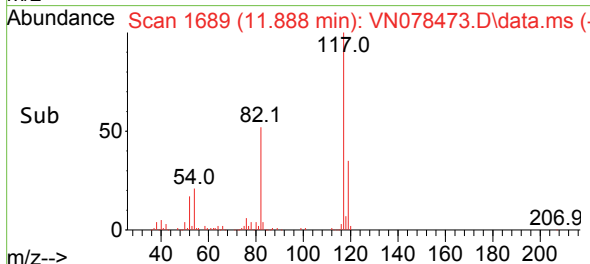
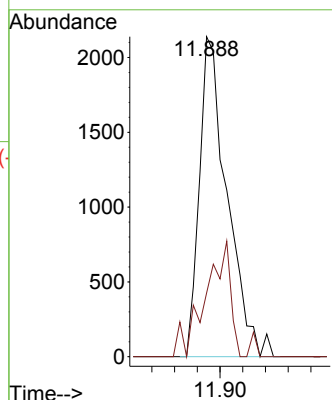
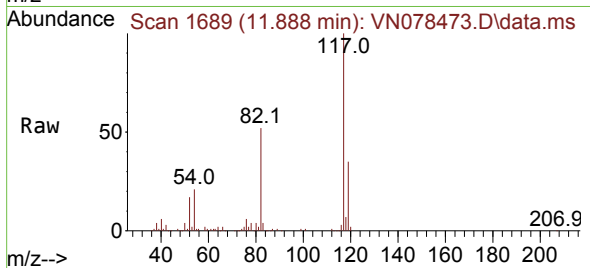
VN0712MBL01

Tgt Ion:112 Resp: 3617

Ion Ratio Lower Upper

112 100

114 19.9 25.0 37.4#



#66

1,1,1,2-Tetrachloroethane

Concen: 0.040 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

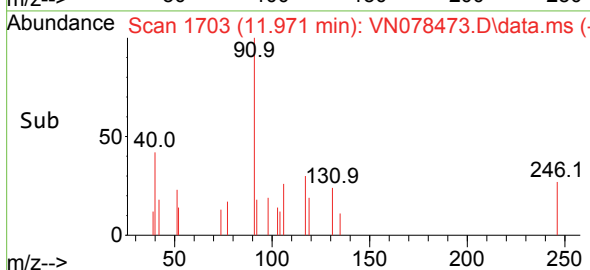
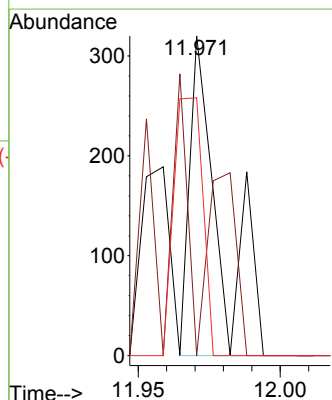
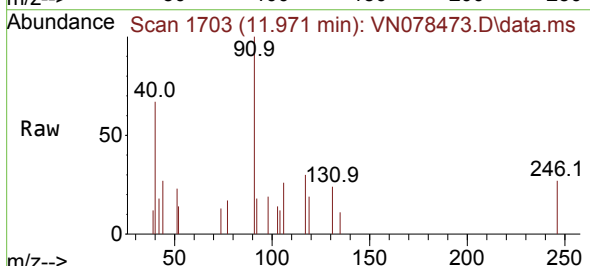
Tgt Ion:131 Resp: 236

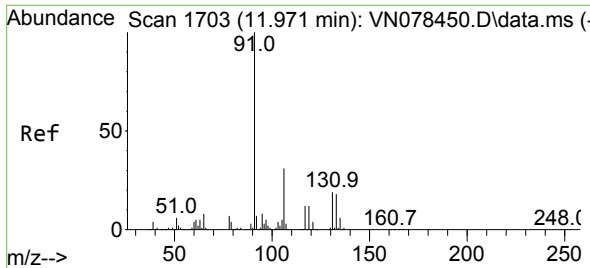
Ion Ratio Lower Upper

131 100

133 0.0 46.4 139.1#

119 0.0 34.1 102.2#

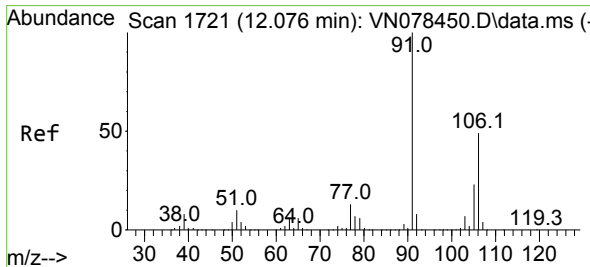
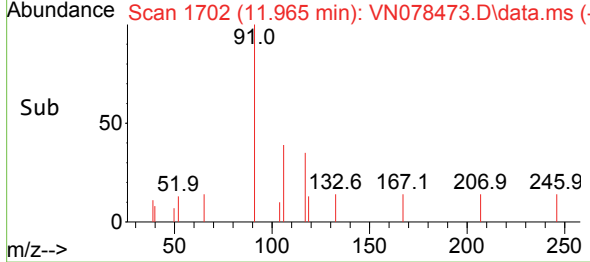
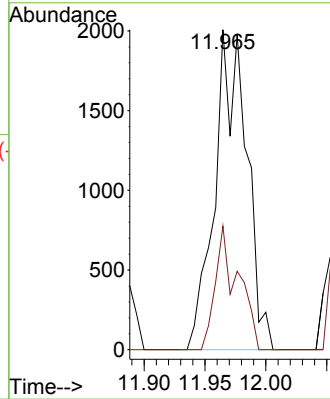
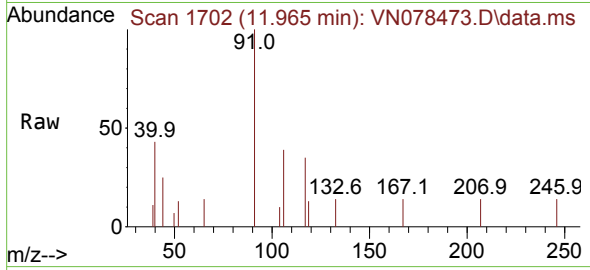




#67
Ethyl Benzene
Concen: 0.140 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

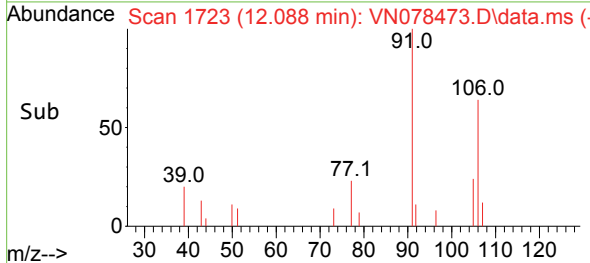
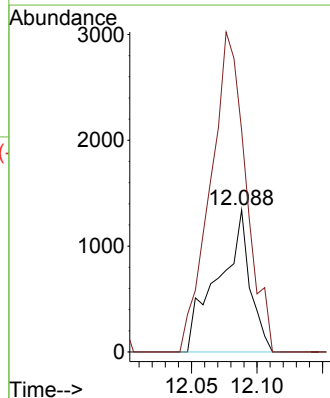
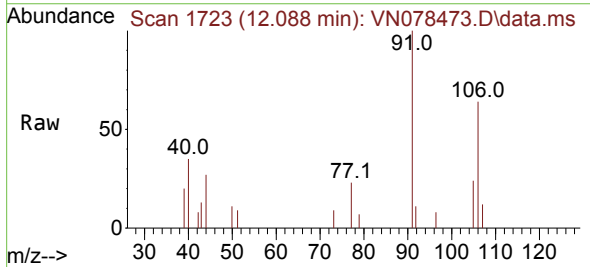
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

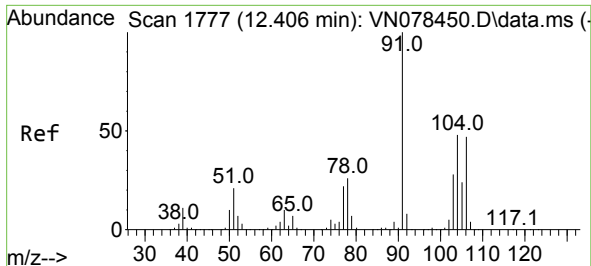
Tgt Ion: 91 Resp: 3638
Ion Ratio Lower Upper
91 100
106 38.6 25.6 38.4#



#68
m/p-Xylenes
Concen: 0.235 ug/l
RT: 12.088 min Scan# 1723
Delta R.T. 0.012 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 106 Resp: 2258
Ion Ratio Lower Upper
106 100
91 251.7 159.6 239.4#

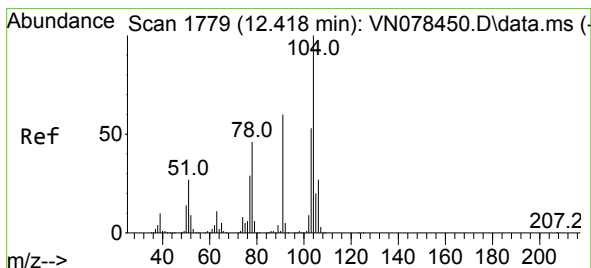
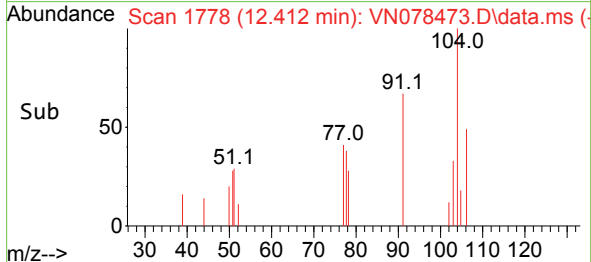
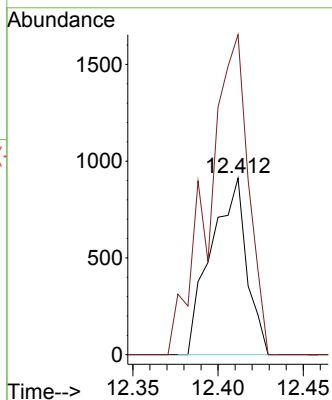
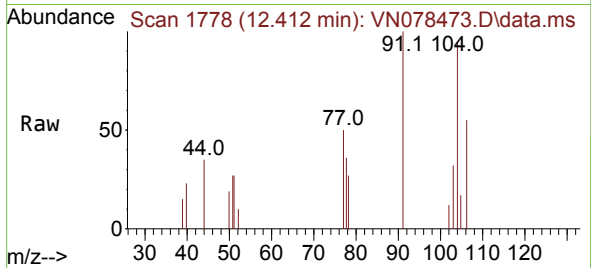




#69
o-Xylene
Concen: 0.136 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

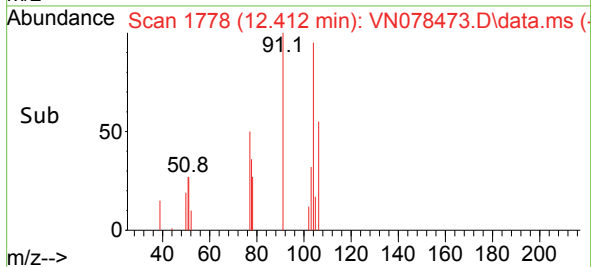
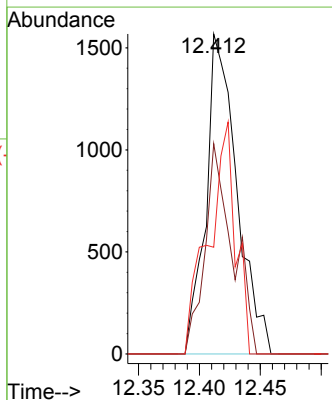
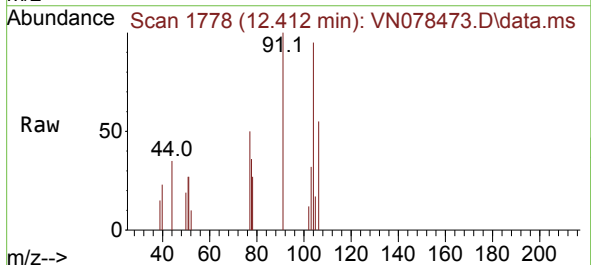
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

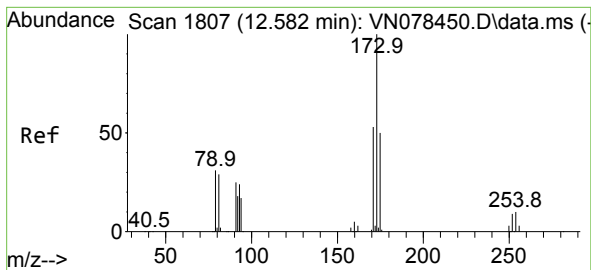
Tgt Ion:106 Resp: 1326
Ion Ratio Lower Upper
106 100
91 205.1 105.2 315.5



#70
Styrene
Concen: 0.182 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion:104 Resp: 2769
Ion Ratio Lower Upper
104 100
78 58.7 39.5 59.3
103 63.7 43.2 64.8





#71

Bromoform

Concen: 0.215 ug/l

RT: 12.588 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01

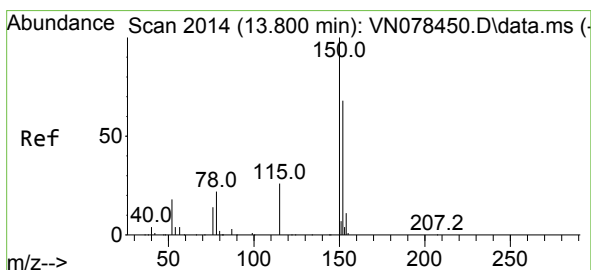
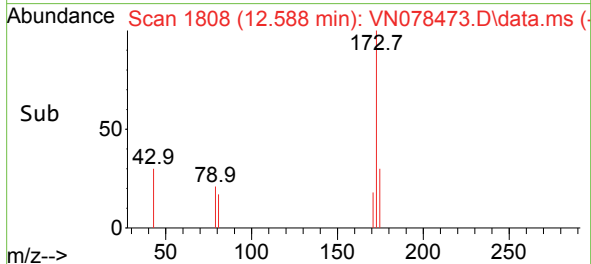
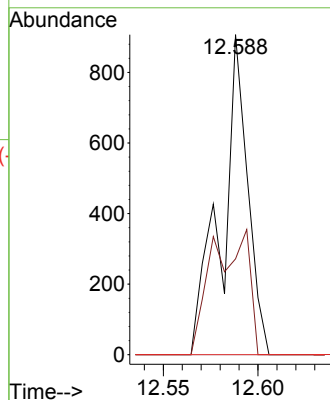
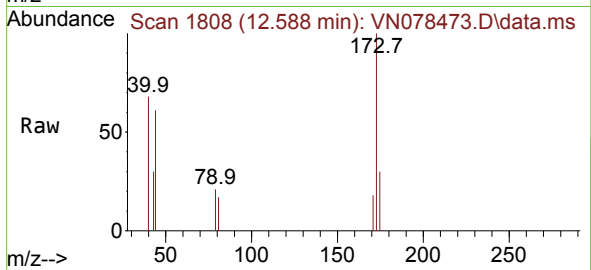
Tgt Ion:173 Resp: 863

Ion Ratio Lower Upper

173 100

175 55.4 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: VN078473.D

Acq: 12 Jul 2023 11:19

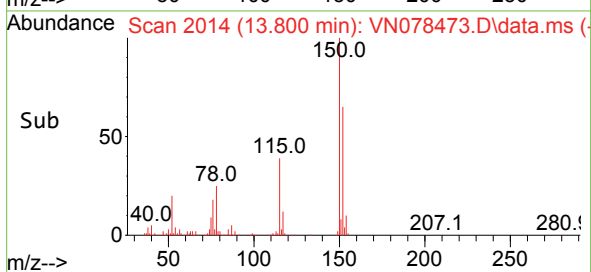
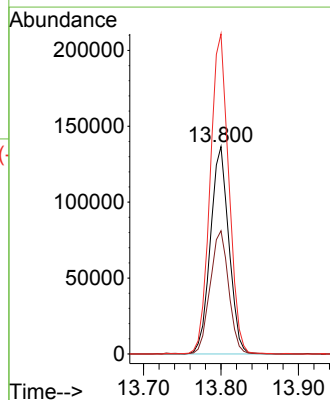
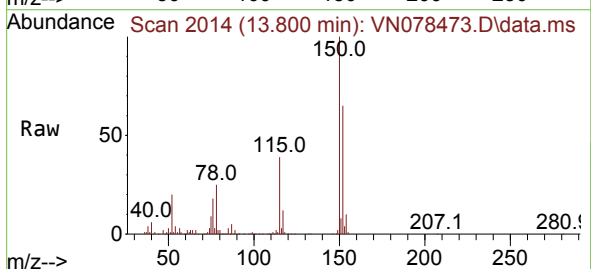
Tgt Ion:152 Resp: 225813

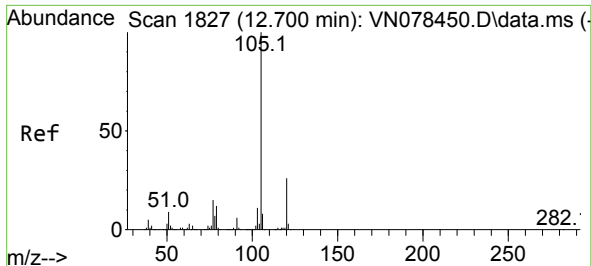
Ion Ratio Lower Upper

152 100

115 59.7 32.3 96.8

150 155.9 0.0 355.8

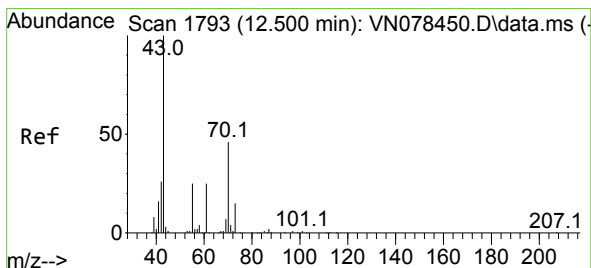
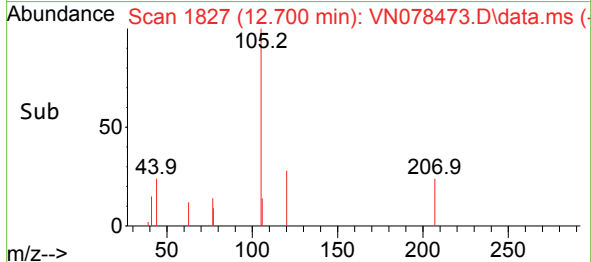
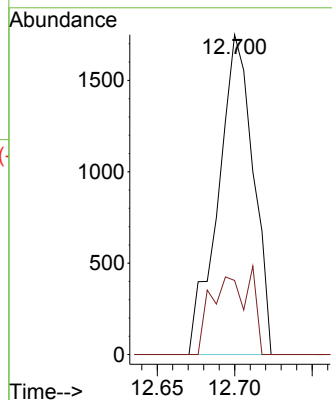
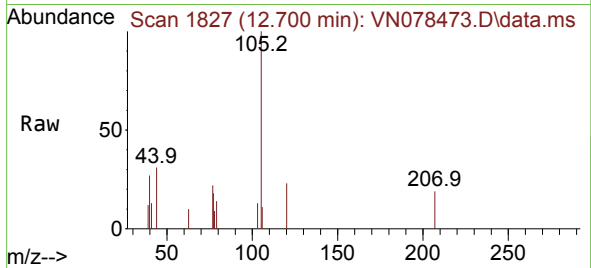




#73
Isopropylbenzene
Concen: 0.130 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

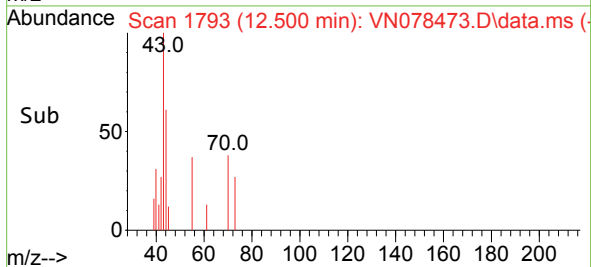
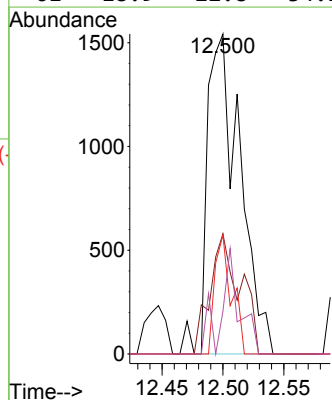
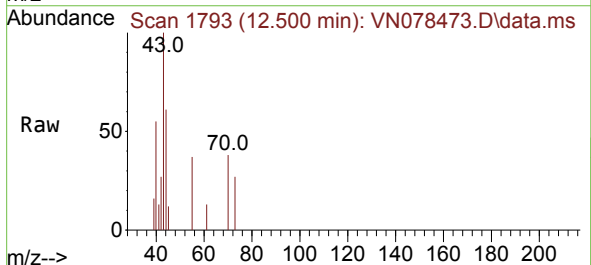
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

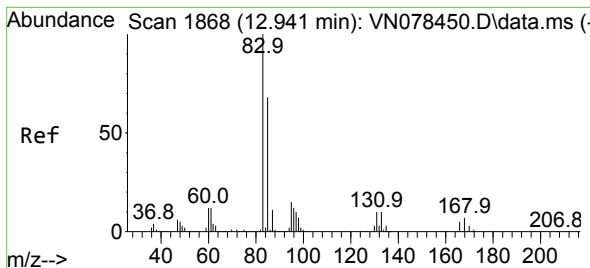
Tgt Ion:105 Resp: 2757
Ion Ratio Lower Upper
105 100
120 28.0 13.1 39.1



#74
N-ethyl acetate
Concen: 0.390 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 43 Resp: 2853
Ion Ratio Lower Upper
43 100
70 34.9 43.4 65.2#
55 19.3 21.4 32.0#
61 18.9 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01

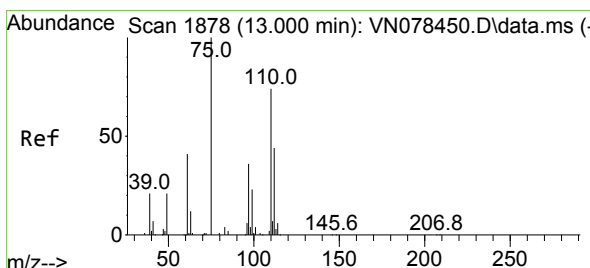
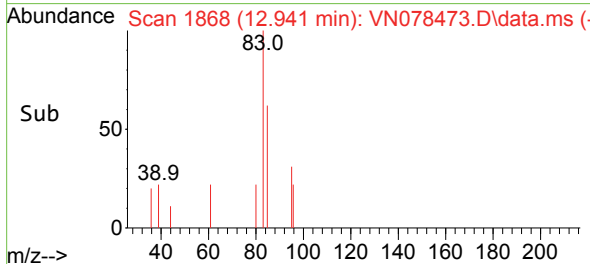
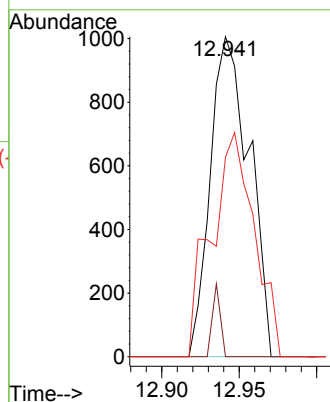
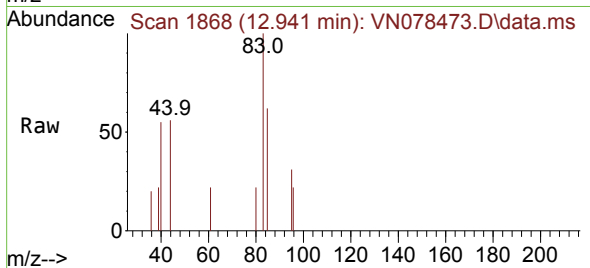
Tgt Ion: 83 Resp: 1760

Ion Ratio Lower Upper

83 100

131 4.6 5.0 15.0#

85 77.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.326 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078473.D

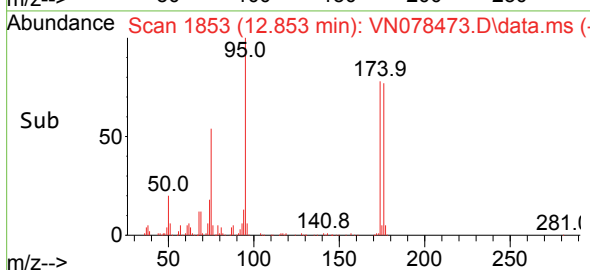
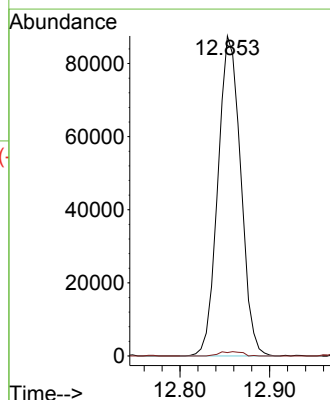
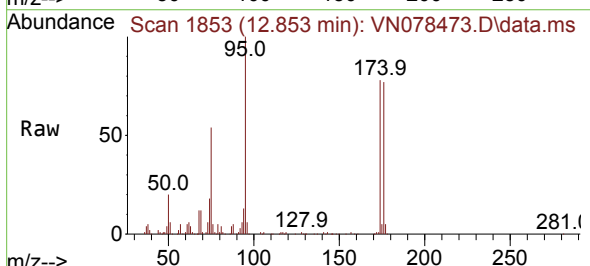
Acq: 12 Jul 2023 11:19

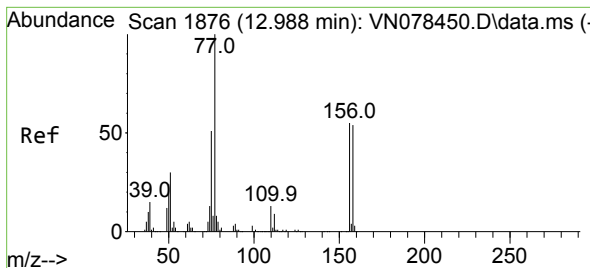
Tgt Ion: 75 Resp: 154610

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#





#77

Bromobenzene

Concen: Below Cal

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01

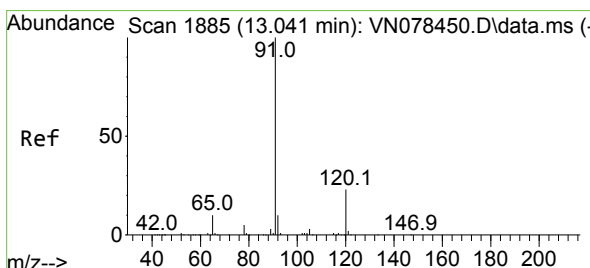
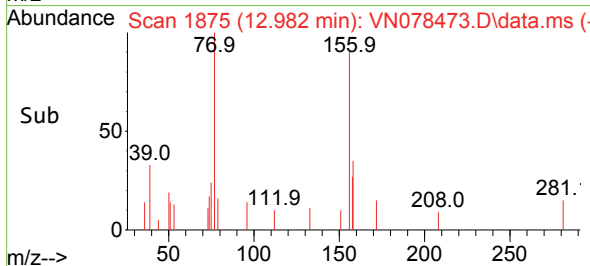
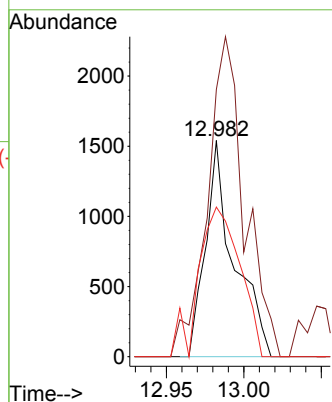
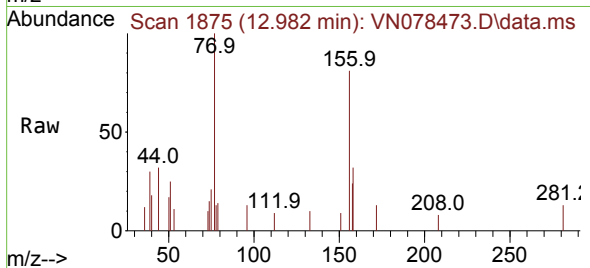
Tgt Ion:156 Resp: 1965

Ion Ratio Lower Upper

156 100

77 192.8 107.7 323.3

158 100.7 48.4 145.3



#78

n-propylbenzene

Concen: 0.253 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN078473.D

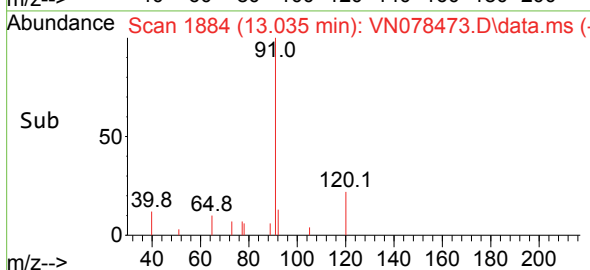
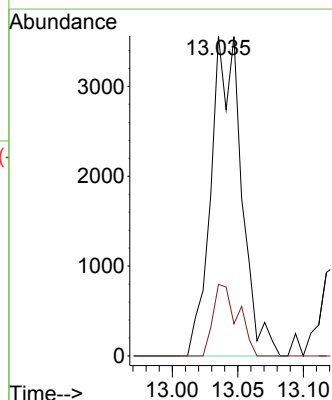
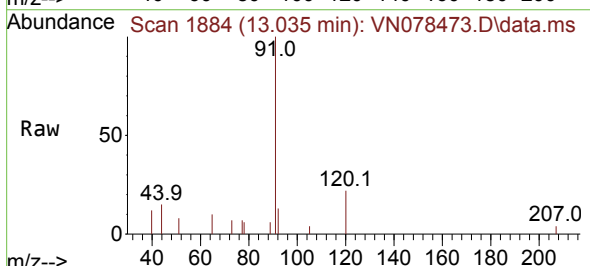
Acq: 12 Jul 2023 11:19

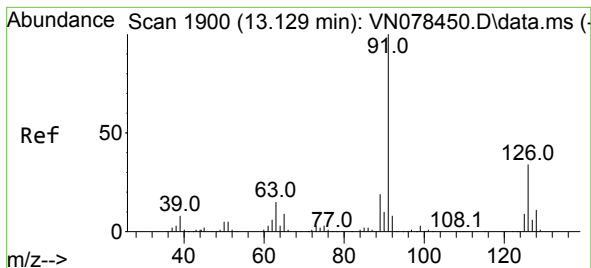
Tgt Ion: 91 Resp: 5748

Ion Ratio Lower Upper

91 100

120 18.2 11.5 34.4

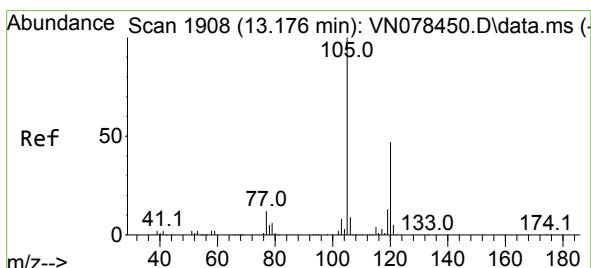
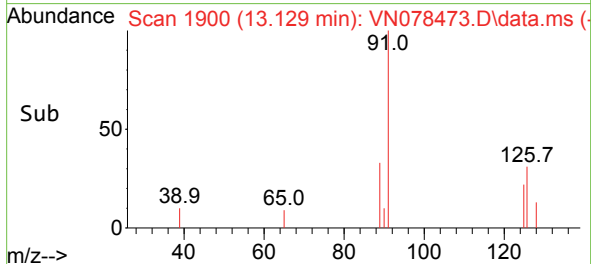
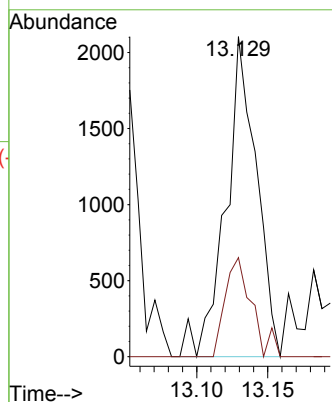
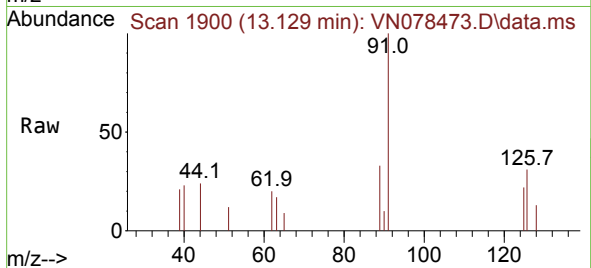




#79
2-Chlorotoluene
Concen: 0.213 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

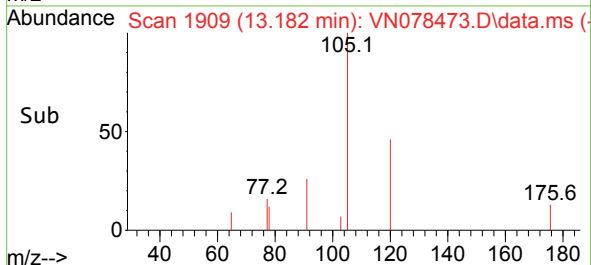
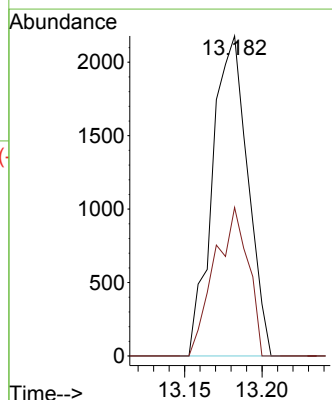
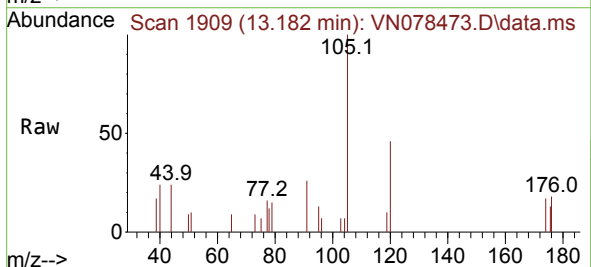
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

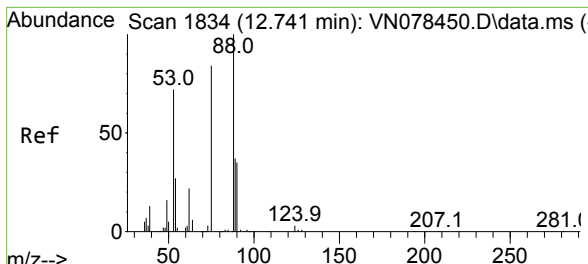
Tgt Ion: 91 Resp: 3165
Ion Ratio Lower Upper
91 100
126 26.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.205 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 105 Resp: 3444
Ion Ratio Lower Upper
105 100
120 44.3 24.1 72.3

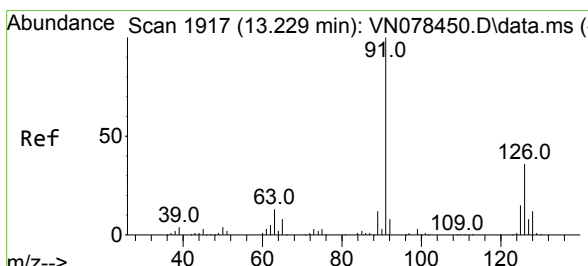
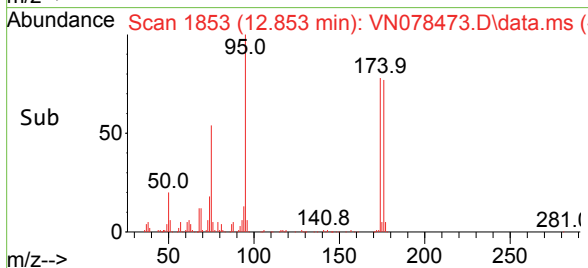
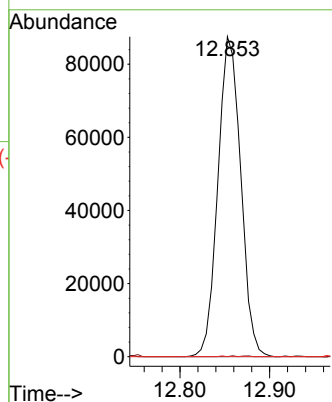
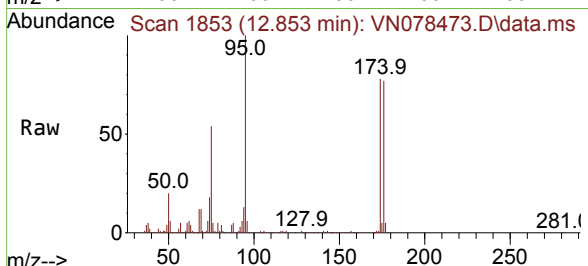




#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.436 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

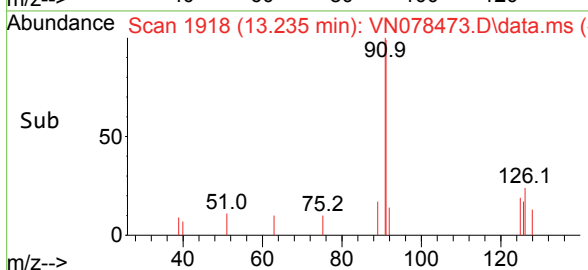
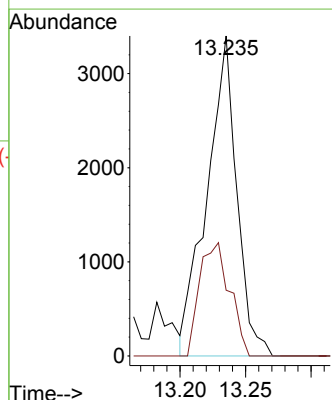
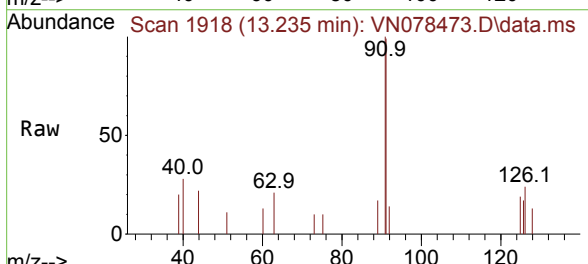
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712MBL01

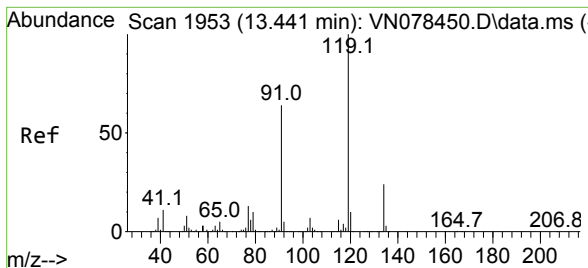
Tgt Ion: 75 Resp: 154610
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#



#82
 4-Chlorotoluene
 Concen: 0.388 ug/l
 RT: 13.235 min Scan# 1918
 Delta R.T. 0.006 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

Tgt Ion: 91 Resp: 5385
 Ion Ratio Lower Upper
 91 100
 126 35.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 0.204 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01

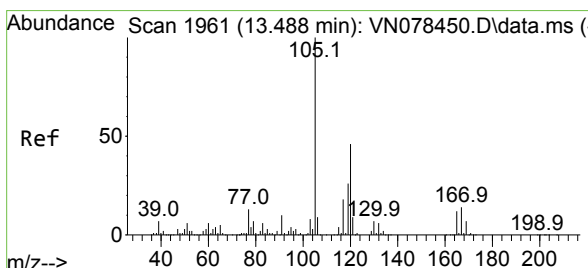
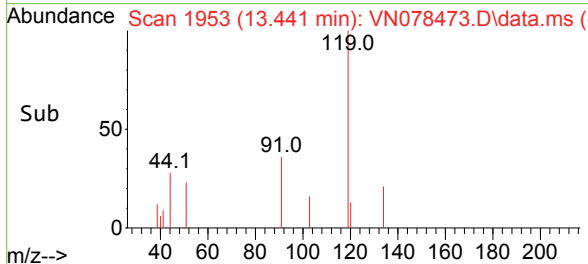
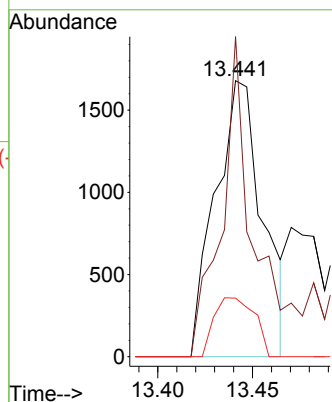
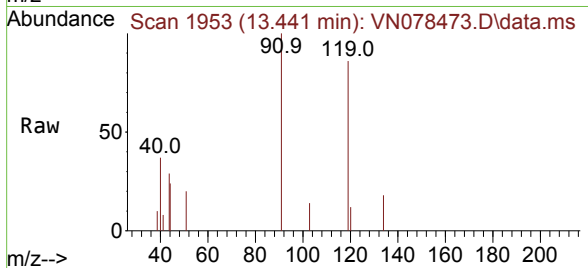
Tgt Ion:119 Resp: 2908

Ion Ratio Lower Upper

119 100

91 80.1 33.9 101.7

134 18.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 0.273 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078473.D

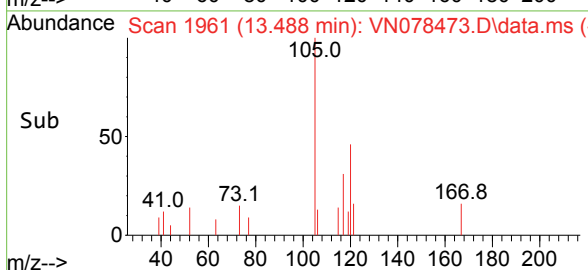
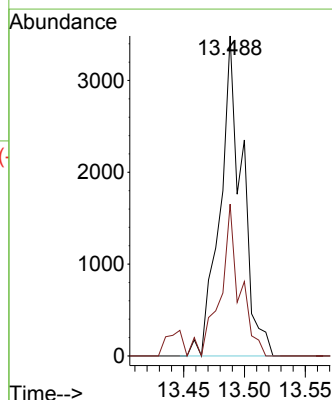
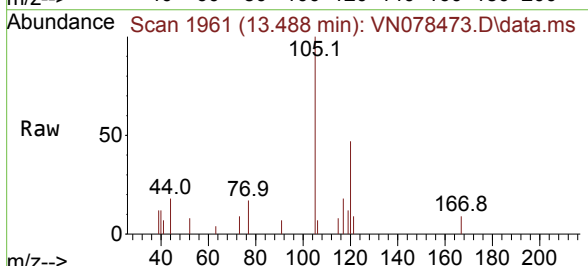
Acq: 12 Jul 2023 11:19

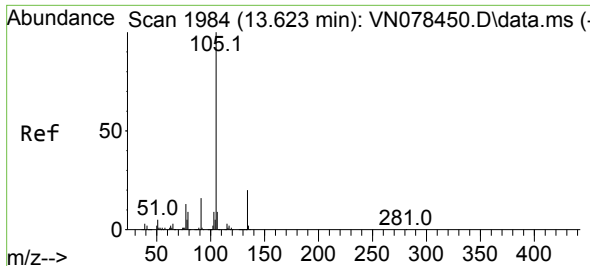
Tgt Ion:105 Resp: 4445

Ion Ratio Lower Upper

105 100

120 41.6 22.0 66.0

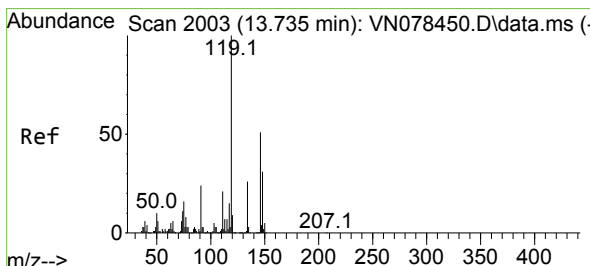
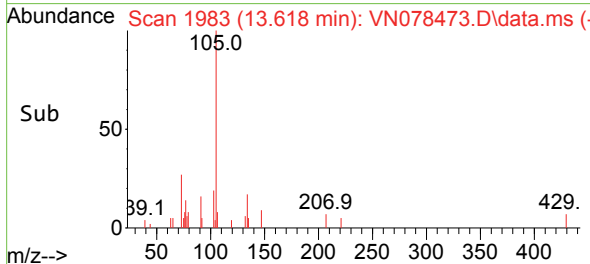
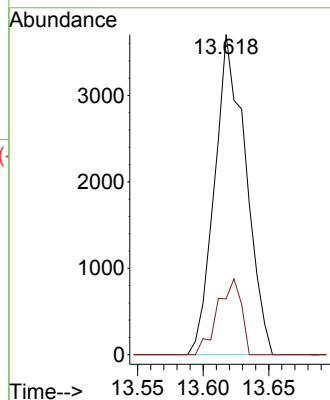
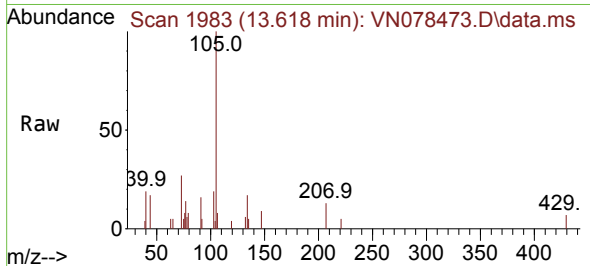




#85
 sec-Butylbenzene
 Concen: 0.339 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.005 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

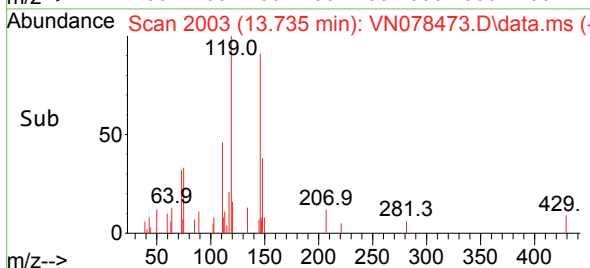
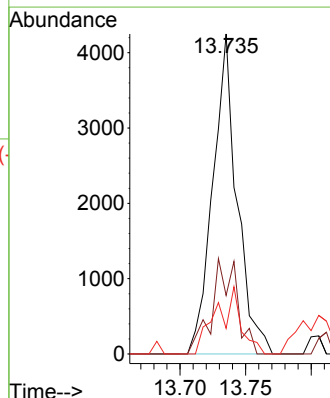
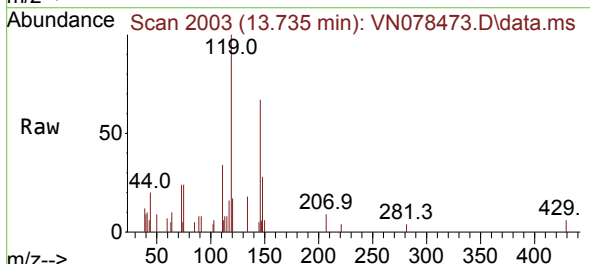
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712MBL01

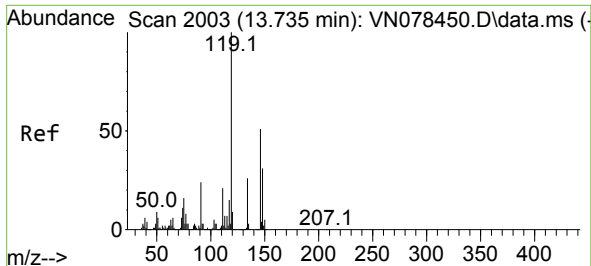
Tgt Ion:105 Resp: 6095
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.377 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

Tgt Ion:119 Resp: 5451
 Ion Ratio Lower Upper
 119 100
 134 30.9 12.6 37.8
 91 11.7 12.4 37.2#

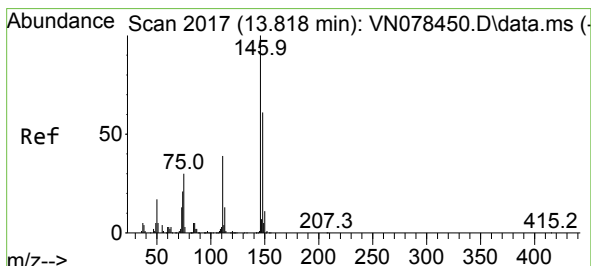
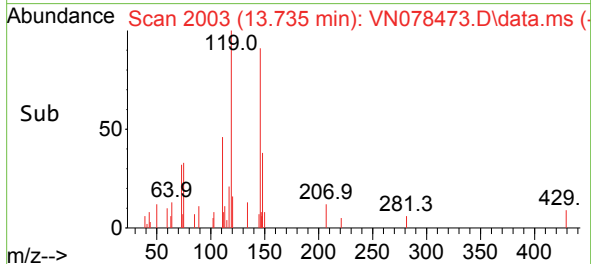
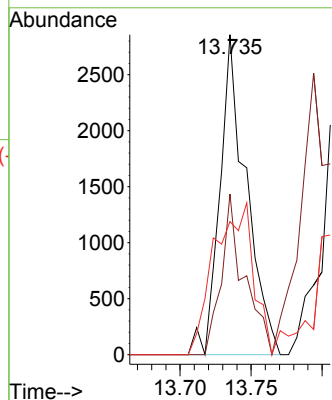
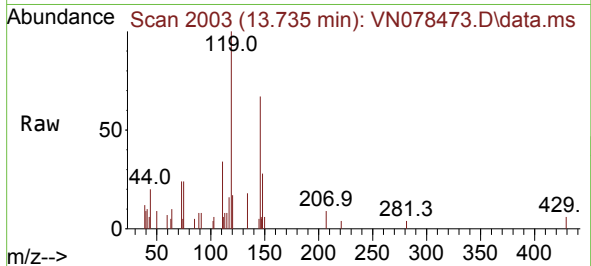




#87
1,3-Dichlorobenzene
Concen: 0.455 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

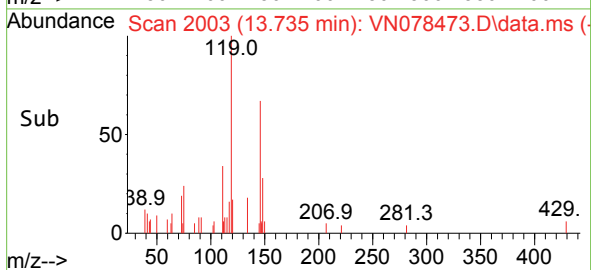
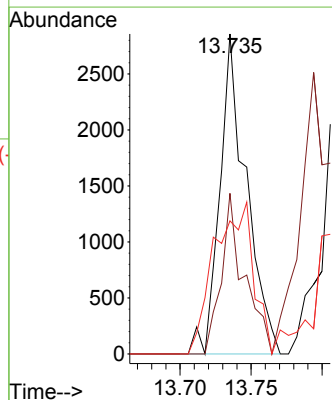
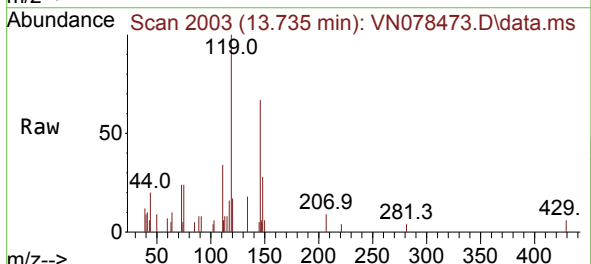
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

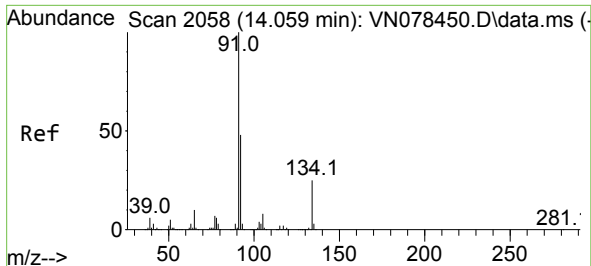
Tgt Ion:146 Resp: 3706
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 73.2 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.452 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.083 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion:146 Resp: 3706
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 73.2 31.6 94.8

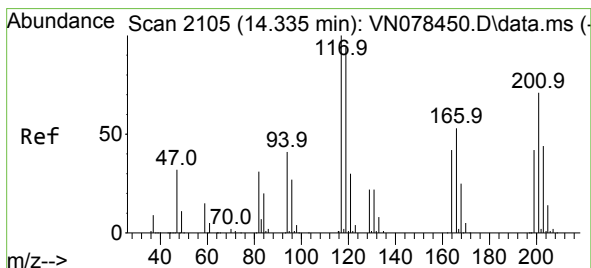
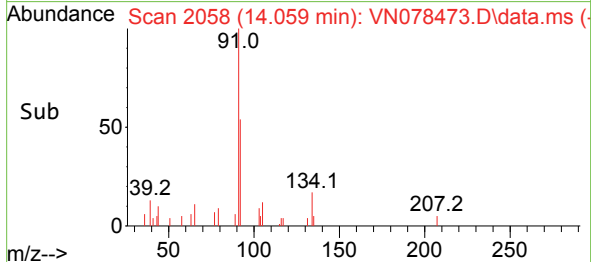
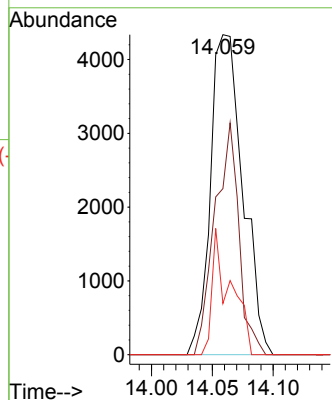
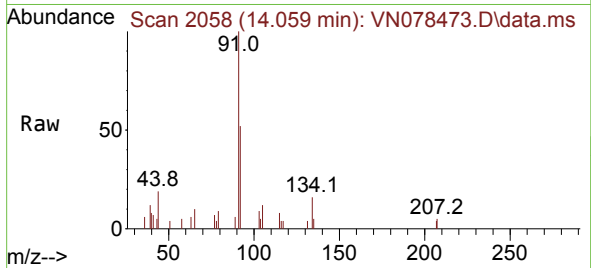




#89
n-Butylbenzene
Concen: 0.776 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

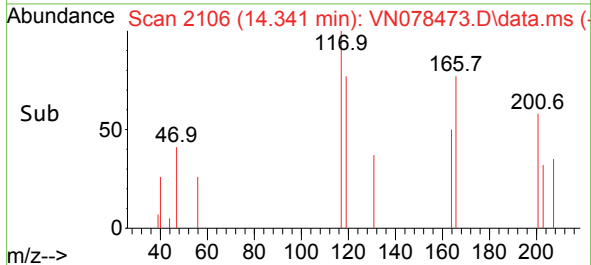
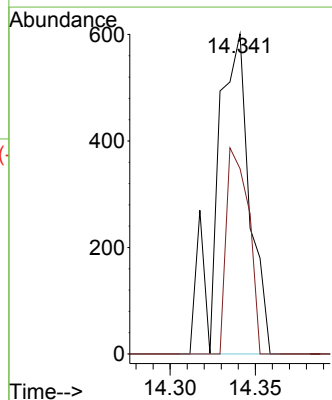
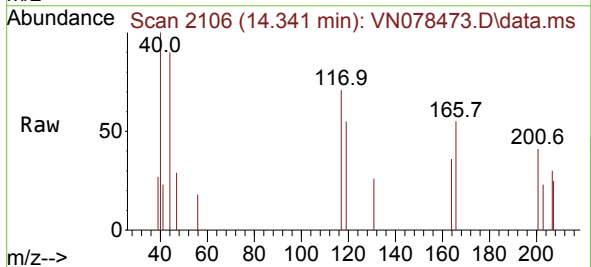
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

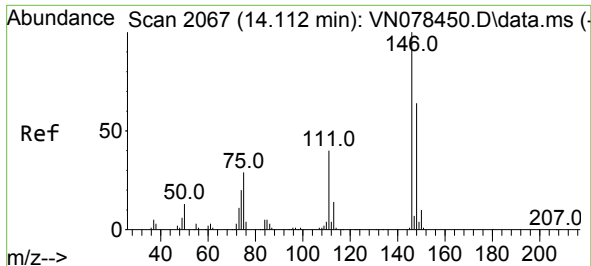
Tgt Ion: 91 Resp: 8023
Ion Ratio Lower Upper
91 100
92 53.8 26.4 79.0
134 22.4 12.6 37.6



#90
Hexachloroethane
Concen: Below Cal
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 117 Resp: 809
Ion Ratio Lower Upper
117 100
201 43.5 29.3 88.0

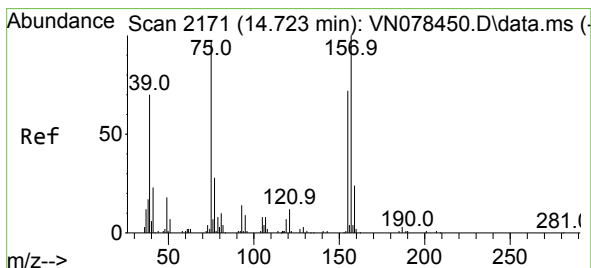
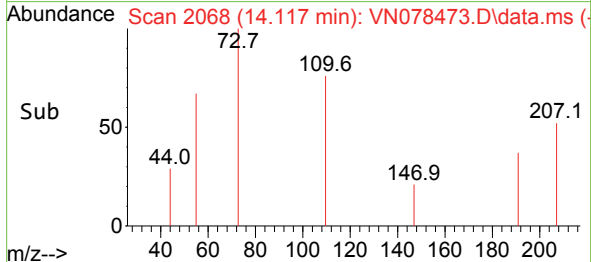
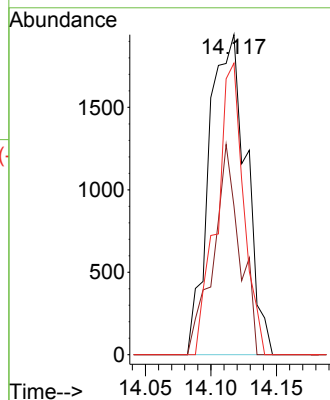
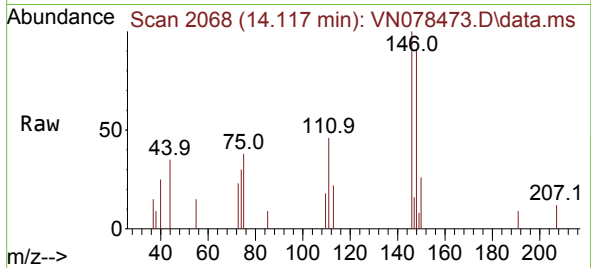




#91
1,2-Dichlorobenzene
Concen: 0.470 ug/l
RT: 14.117 min Scan# 2067
Delta R.T. 0.005 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

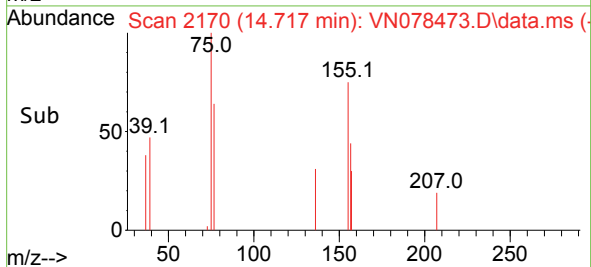
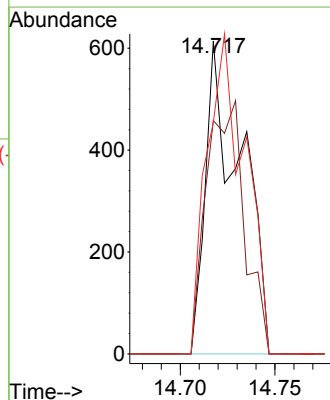
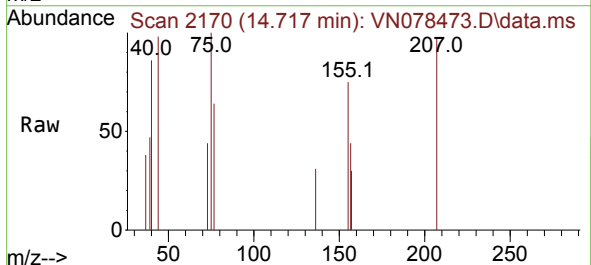
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

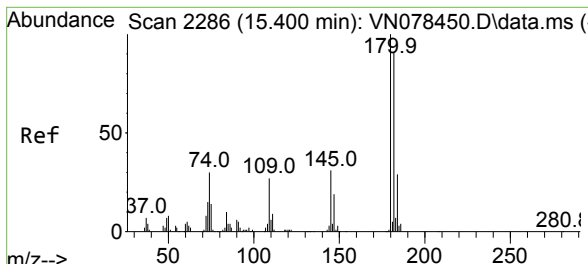
Tgt Ion:146 Resp: 3808
Ion Ratio Lower Upper
146 100
111 46.8 22.0 66.0
148 66.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078473.D
Acq: 12 Jul 2023 11:19

Tgt Ion: 75 Resp: 793
Ion Ratio Lower Upper
75 100
155 87.6 39.1 117.2
157 110.3 50.3 150.9

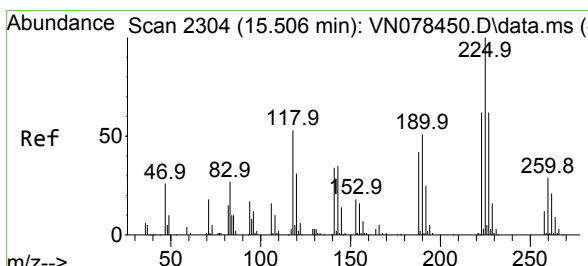
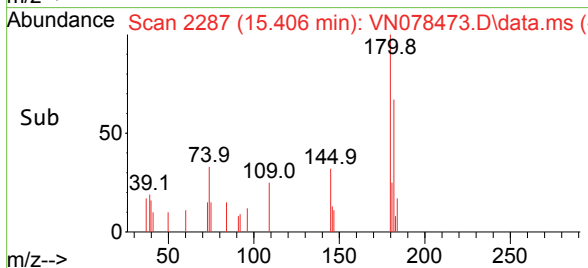
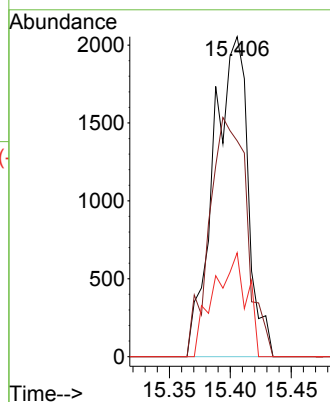
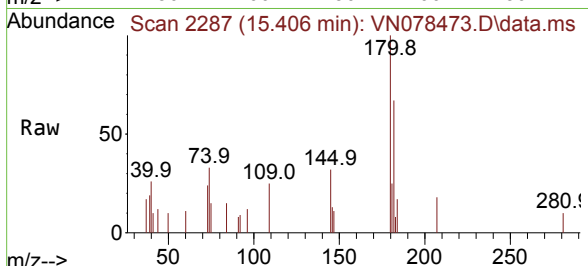




#93
 1,2,4-Trichlorobenzene
 Concen: 1.563 ug/l
 RT: 15.406 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

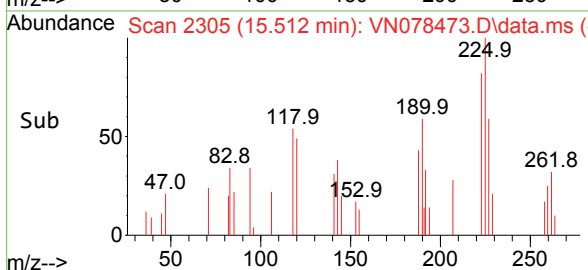
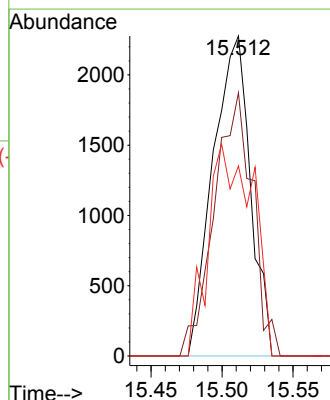
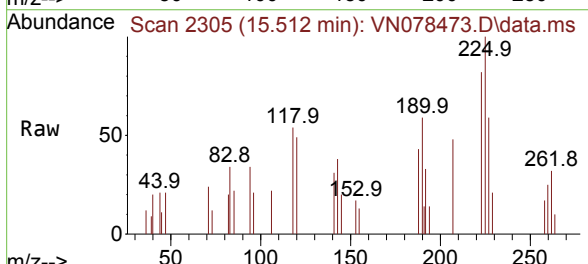
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712MBL01

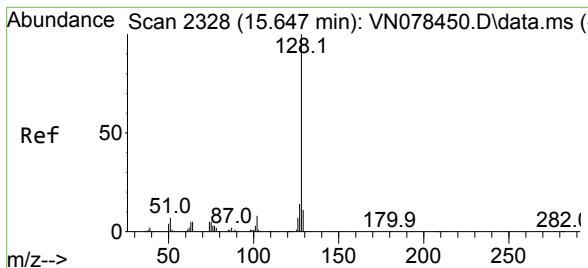
Tgt Ion	Ratio	Lower	Upper
180	100		
182	81.2	46.1	138.2
145	31.1	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.512 min Scan# 2305
 Delta R.T. 0.006 min
 Lab File: VN078473.D
 Acq: 12 Jul 2023 11:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	84.6	31.3	93.8
227	79.6	31.9	95.9





#95

Naphthalene

Concen: 1.652 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01

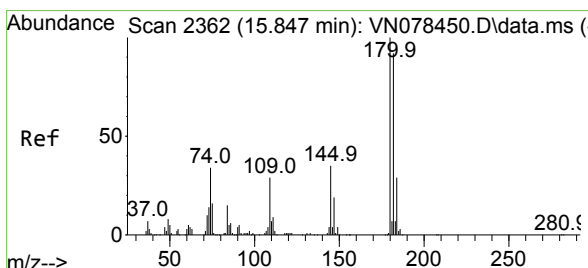
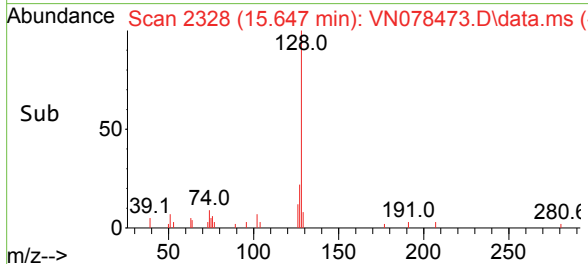
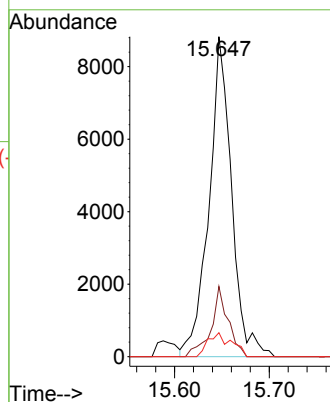
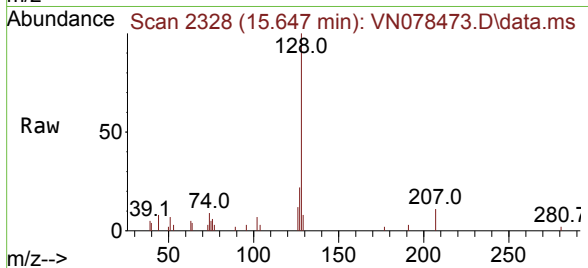
Tgt Ion:128 Resp: 14612

Ion Ratio Lower Upper

128 100

127 16.7 10.0 15.0#

129 7.8 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.545 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078473.D

Acq: 12 Jul 2023 11:19

Tgt Ion:180 Resp: 4596

Ion Ratio Lower Upper

180 100

182 106.5 46.2 138.6

145 40.1 17.5 52.6

