

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078624.D
 Acq On : 21 Jul 2023 19:26
 Operator : JC\MD
 Sample : VN0721MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBS01

Quant Time: Jul 21 23:30:20 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	442323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	793147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	683314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	268358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	316214	53.326	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.660%	
35) Dibromofluoromethane	8.177	113	277532	51.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.100%	
50) Toluene-d8	10.571	98	1003095	49.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.640%	
62) 4-Bromofluorobenzene	12.853	95	304751	48.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.280%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	95248	17.563	ug/l	98
3) Chloromethane	2.371	50	112844	19.144	ug/l	99
4) Vinyl Chloride	2.518	62	144971	19.012	ug/l	92
5) Bromomethane	2.959	94	95888	16.556	ug/l	95
6) Chloroethane	3.124	64	102013	21.002	ug/l	94
7) Trichlorofluoromethane	3.506	101	176295	19.341	ug/l	99
8) Diethyl Ether	3.977	74	63296	20.843	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.383	101	93323	19.341	ug/l	95
10) Methyl Iodide	4.600	142	126504	19.080	ug/l	95
11) Tert butyl alcohol	5.536	59	99062	108.336	ug/l	98
12) 1,1-Dichloroethene	4.347	96	89668	19.212	ug/l	93
13) Acrolein	4.189	56	97391	108.255	ug/l	98
14) Allyl chloride	5.041	41	124647	19.544	ug/l	95
15) Acrylonitrile	5.736	53	248664	107.632	ug/l	98
16) Acetone	4.447	43	195044	105.593	ug/l	99
17) Carbon Disulfide	4.724	76	210994	15.634	ug/l	99
18) Methyl Acetate	5.041	43	171217	21.897	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	321793	20.926	ug/l	96
20) Methylene Chloride	5.283	84	117100	21.402	ug/l #	92
21) trans-1,2-Dichloroethene	5.800	96	101057	19.214	ug/l	91
22) Diisopropyl ether	6.688	45	311652	21.824	ug/l #	92
23) Vinyl Acetate	6.612	43	953886	105.070	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	193286	20.087	ug/l	97
25) 2-Butanone	7.488	43	320240	110.137	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	127559	16.208	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	122445	20.125	ug/l	95
28) Bromochloromethane	7.824	49	94598	20.872	ug/l	94
29) Tetrahydrofuran	7.847	42	205595	107.760	ug/l	85
30) Chloroform	7.977	83	209938	20.956	ug/l	95
31) Cyclohexane	8.265	56	144743	18.062	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	183378	20.416	ug/l	99
36) 1,1-Dichloropropene	8.382	75	145074	18.661	ug/l	96
37) Ethyl Acetate	7.565	43	123782	19.100	ug/l	96
38) Carbon Tetrachloride	8.371	117	163403	19.339	ug/l	96
39) Methylcyclohexane	9.606	83	124764	17.582	ug/l	88
40) Benzene	8.612	78	461541	20.039	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	67745	20.505	ug/l	91
42) 1,2-Dichloroethane	8.677	62	154226	19.687	ug/l	100
43) Isopropyl Acetate	8.700	43	250725	23.499	ug/l #	90
44) Trichloroethene	9.359	130	114456	18.438	ug/l	98
45) 1,2-Dichloropropane	9.629	63	117140	20.081	ug/l	98
46) Dibromomethane	9.718	93	82935	20.200	ug/l	91
47) Bromodichloromethane	9.894	83	163112	19.819	ug/l #	91
48) Methyl methacrylate	9.688	41	100263	20.283	ug/l	91
49) 1,4-Dioxane	9.706	88	43220	400.925	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	679541	107.074	ug/l	92
52) Toluene	10.635	92	282767	19.809	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	160151	18.994	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	178226	19.831	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	119546	21.256	ug/l	97
56) Ethyl methacrylate	10.882	69	165886	21.100	ug/l	91
57) 1,3-Dichloropropane	11.171	76	197306	20.633	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	261176	93.219	ug/l	92
59) 2-Hexanone	11.200	43	478103	105.998	ug/l	91
60) Dibromochloromethane	11.365	129	129304	20.826	ug/l	100
61) 1,2-Dibromoethane	11.476	107	118376	20.432	ug/l	100
64) Tetrachloroethene	11.112	164	92959	18.095	ug/l	97
65) Chlorobenzene	11.900	112	299959	19.639	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	120757	20.552	ug/l	98
67) Ethyl Benzene	11.970	91	509714	19.743	ug/l	95
68) m/p-Xylenes	12.082	106	388567	40.707	ug/l	98
69) o-Xylene	12.406	106	196099	20.339	ug/l	98
70) Styrene	12.417	104	303273	20.106	ug/l	97
71) Bromoform	12.582	173	83696	21.032	ug/l #	97
73) Isopropylbenzene	12.700	105	474563	18.820	ug/l	100
74) N-amyl acetate	12.500	43	165661	19.064	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	168493	22.202	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	189641	29.236	ug/l	70
77) Bromobenzene	12.988	156	118974	20.794	ug/l	94
78) n-propylbenzene	13.041	91	515216	19.105	ug/l	99
79) 2-Chlorotoluene	13.129	91	337754	19.121	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	387946	19.471	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	39970	16.193	ug/l	94
82) 4-Chlorotoluene	13.229	91	310250	18.828	ug/l	98
83) tert-Butylbenzene	13.441	119	331260	19.583	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	384107	19.848	ug/l	99
85) sec-Butylbenzene	13.623	105	411119	19.228	ug/l	99
86) p-Isopropyltoluene	13.735	119	337682	19.669	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	183856	18.993	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	177435	18.198	ug/l	98
89) n-Butylbenzene	14.064	91	249782	20.334	ug/l	97
90) Hexachloroethane	14.341	117	66626	20.635	ug/l	82
91) 1,2-Dichlorobenzene	14.111	146	186248	19.333	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26336	20.691	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	52408	17.045	ug/l	96
94) Hexachlorobutadiene	15.506	225	37759	21.369	ug/l	94
95) Naphthalene	15.647	128	155595	14.803	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	62329	17.630	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

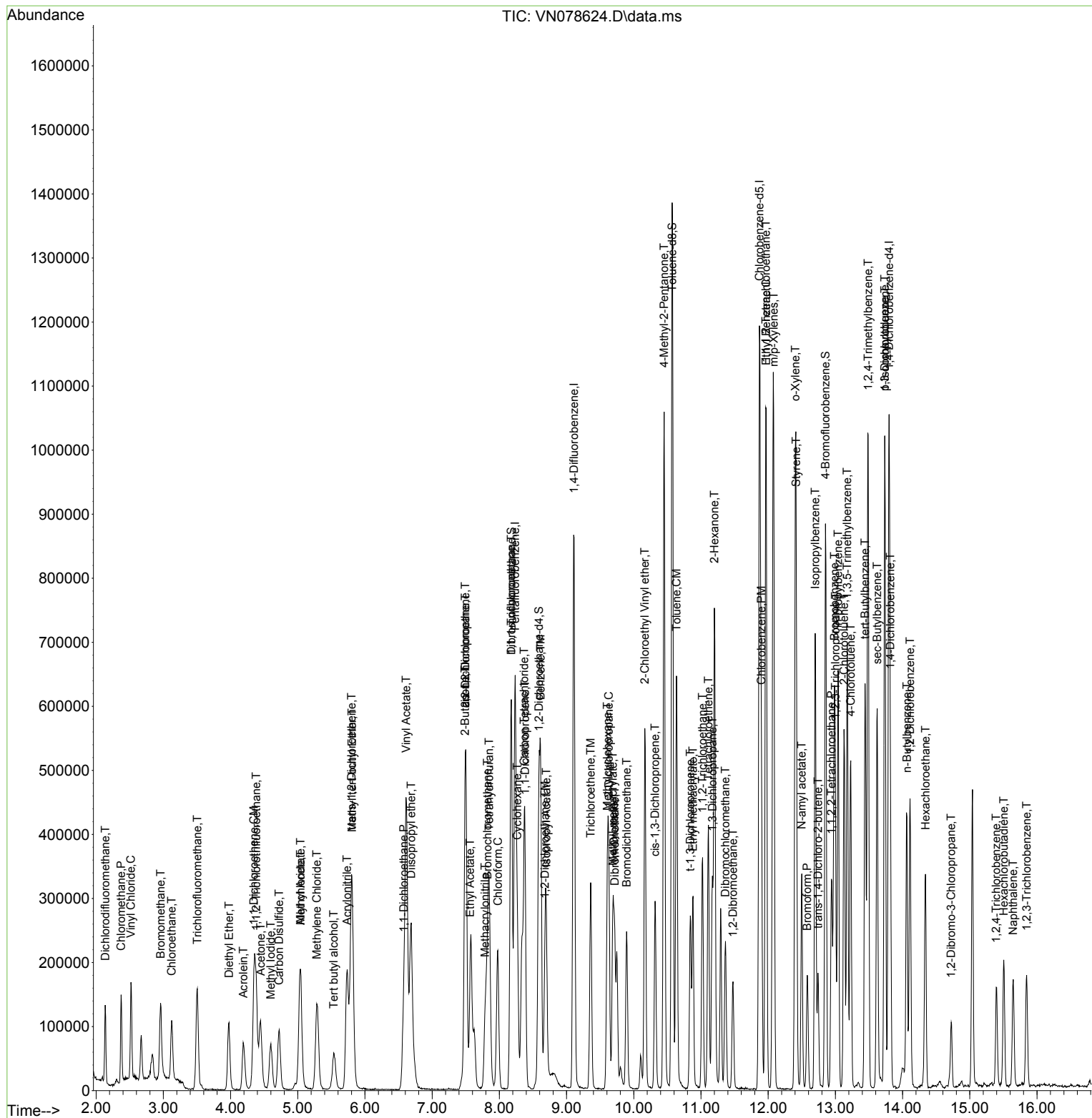
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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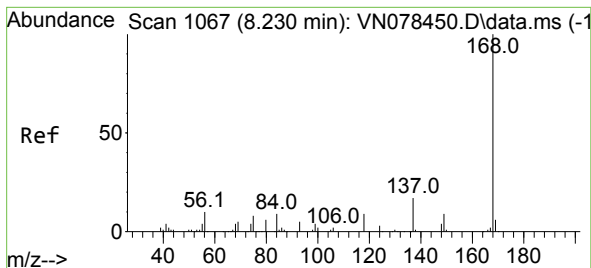
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1067

Delta R.T. 0.005 min

Lab File: VN078624.D

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Instrument :

MSVOA_N

ClientSampleId :

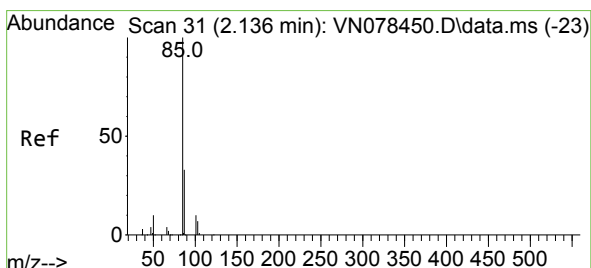
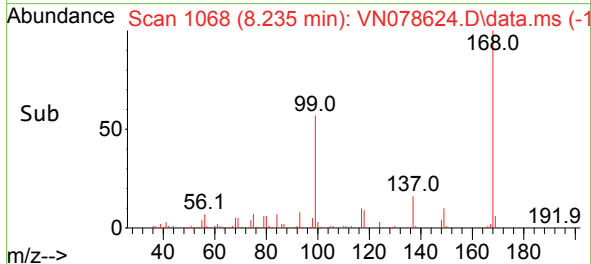
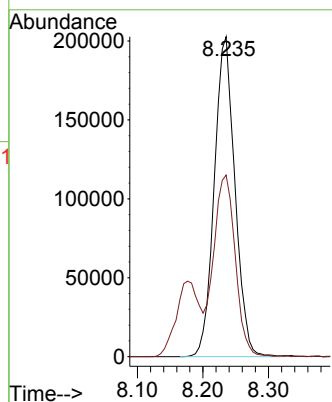
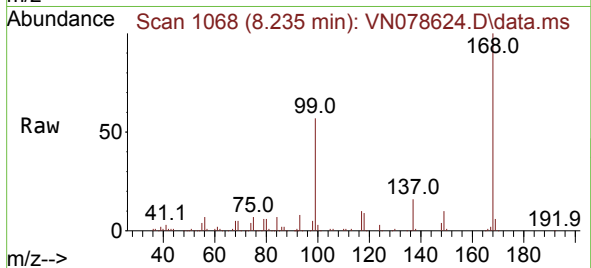
VN0721MBSD01

Tgt Ion:168 Resp: 442323

Ion Ratio Lower Upper

168 100

99 56.5 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.563 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078624.D

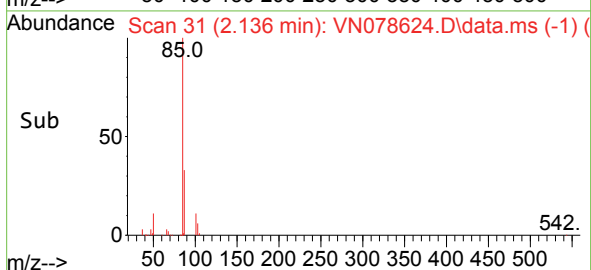
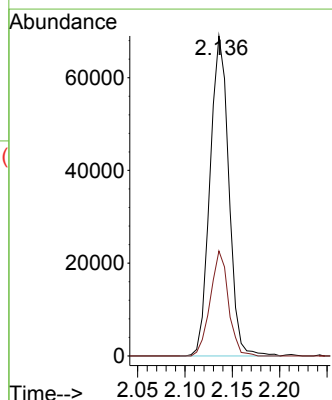
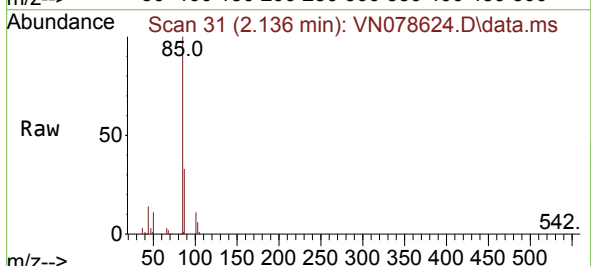
Acq: 21 Jul 2023 19:26

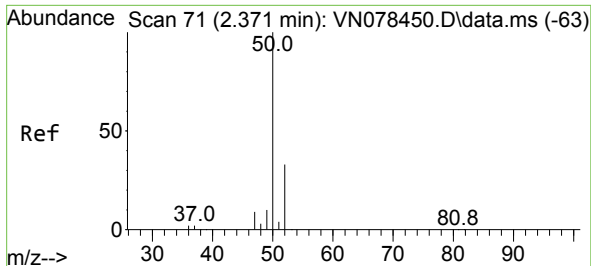
Tgt Ion: 85 Resp: 95248

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4

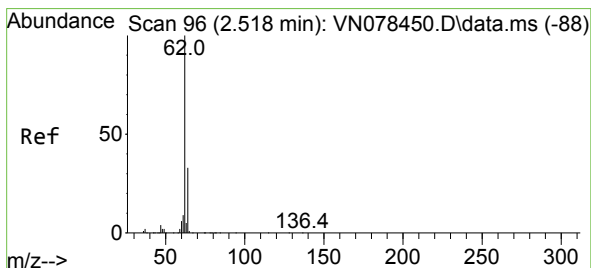
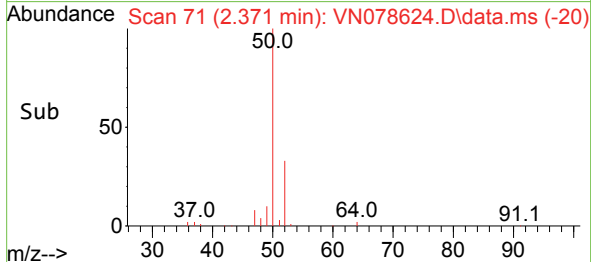
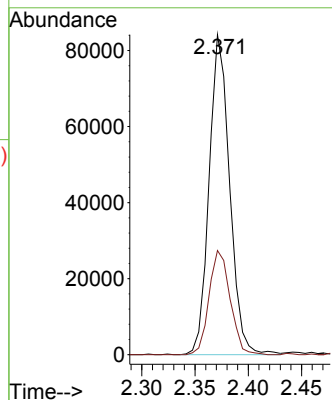
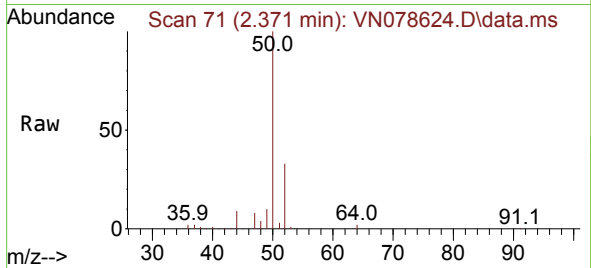




#3
Chloromethane
Concen: 19.144 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078624.D
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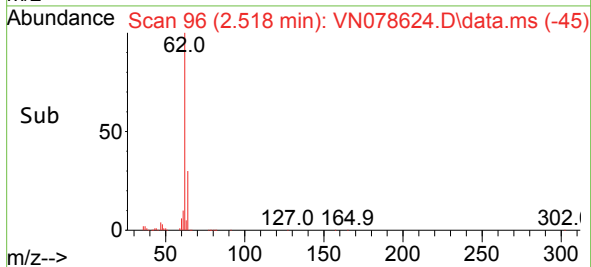
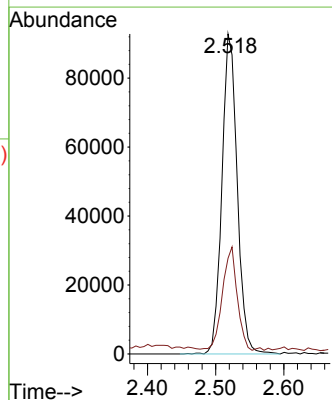
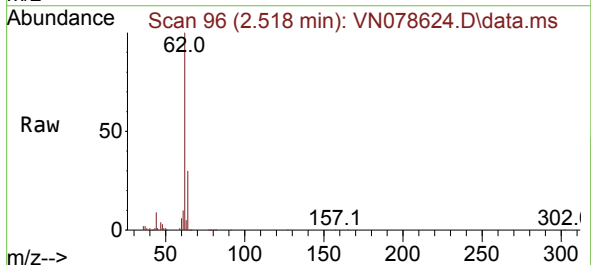
Instrument :
MSVOA_N
ClientSampleId :
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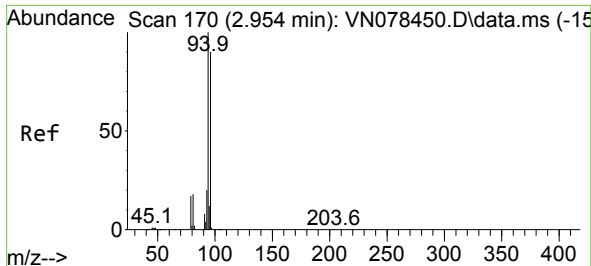
Tgt Ion: 50 Resp: 112844
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 19.012 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 62 Resp: 144971
Ion Ratio Lower Upper
62 100
64 28.2 26.2 39.2

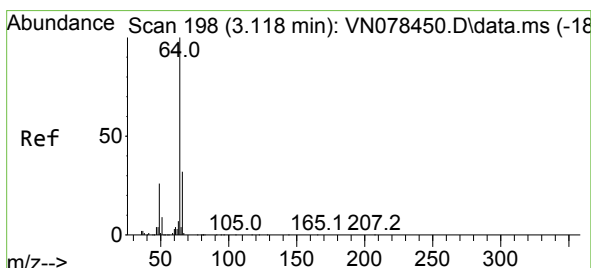
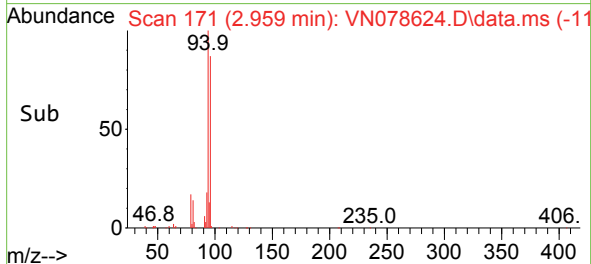
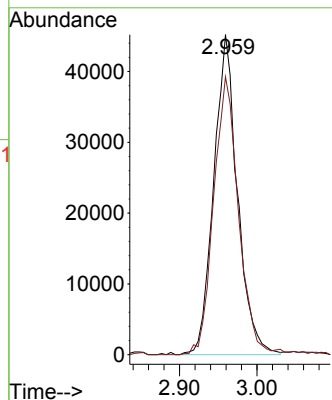
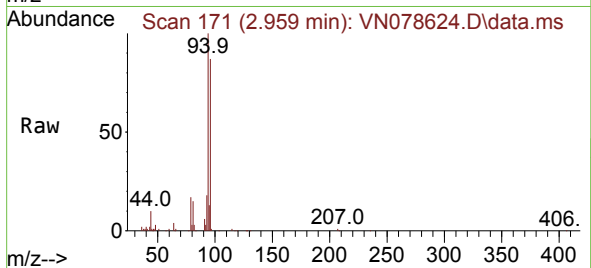




#5
Bromomethane
Concen: 16.556 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078624.D
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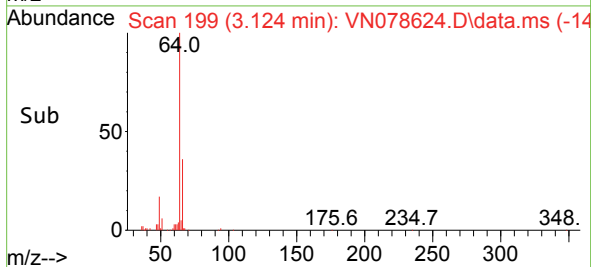
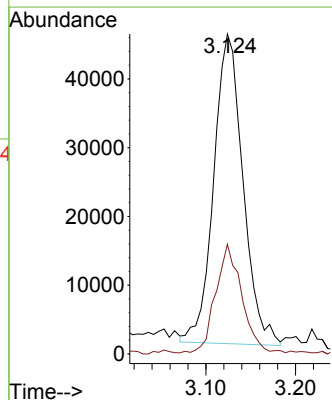
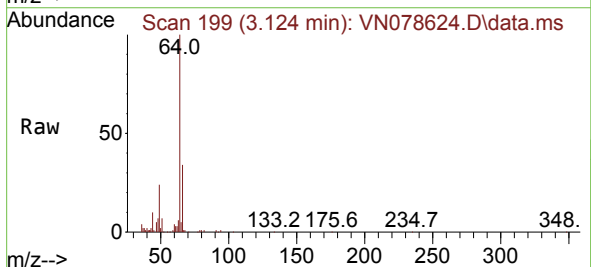
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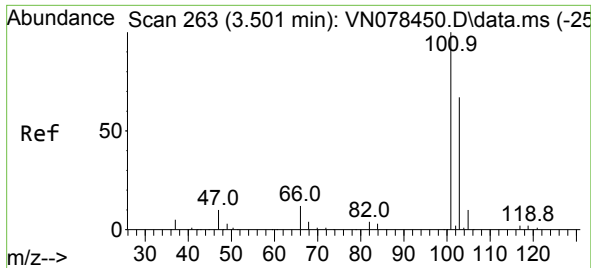
Tgt Ion: 94 Resp: 95888
Ion Ratio Lower Upper
94 100
96 86.9 73.1 109.7



#6
Chloroethane
Concen: 21.002 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 64 Resp: 102013
Ion Ratio Lower Upper
64 100
66 35.3 25.4 38.2

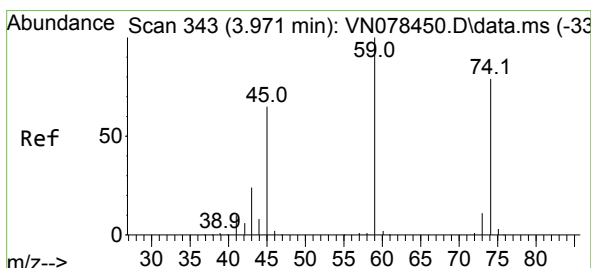
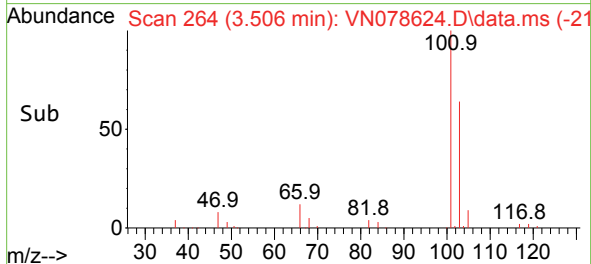
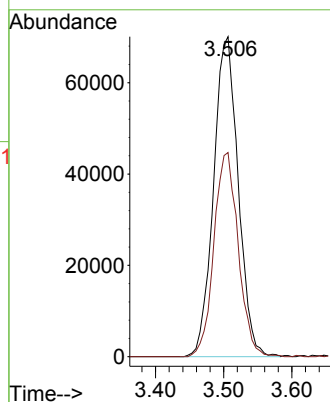
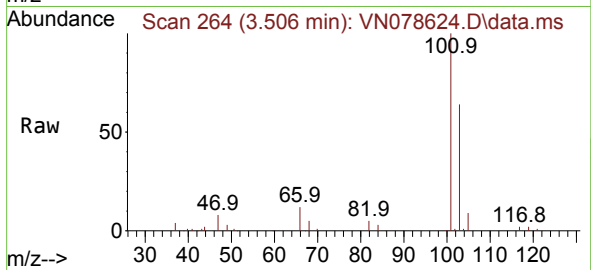




#7
 Trichlorofluoromethane
 Concen: 19.341 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.005 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

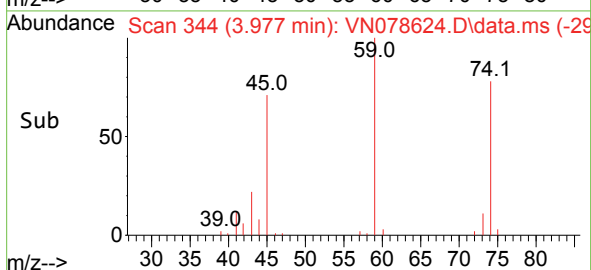
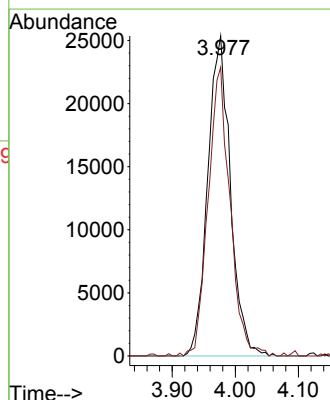
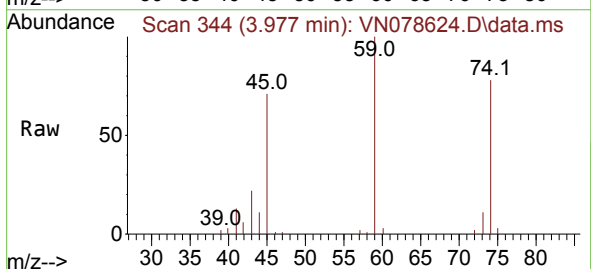
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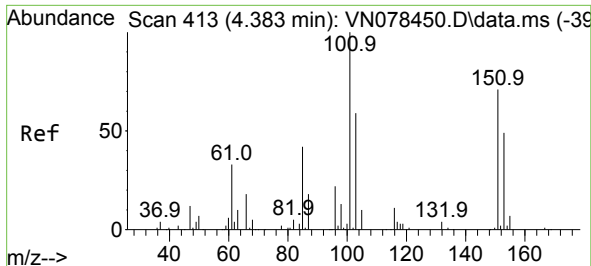
Tgt Ion:101 Resp: 176295
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.843 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VN078624.D
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Tgt Ion: 74 Resp: 63296
 Ion Ratio Lower Upper
 74 100
 45 86.9 34.4 103.3

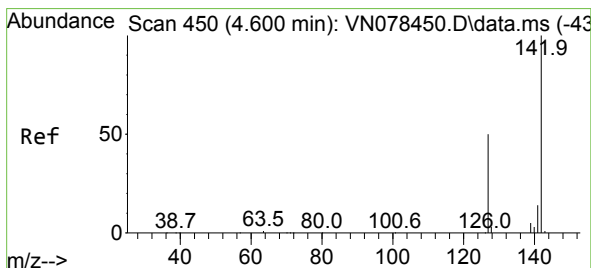
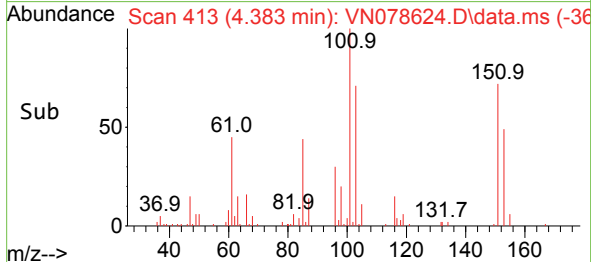
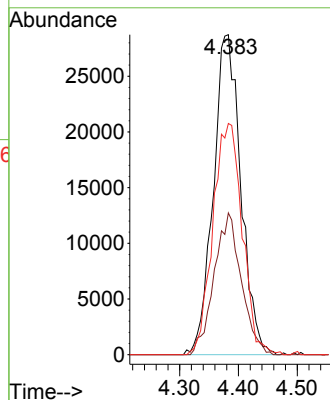
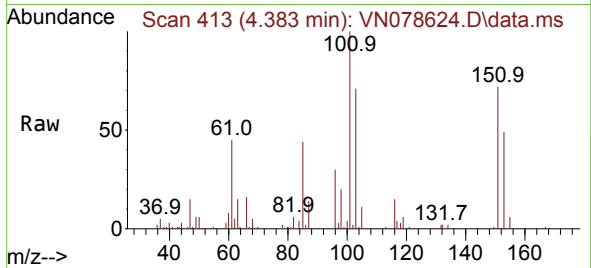




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.341 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

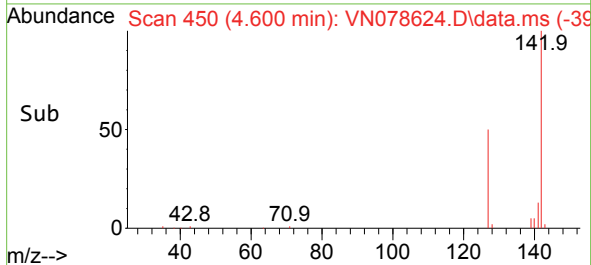
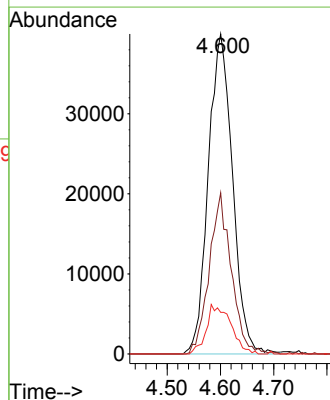
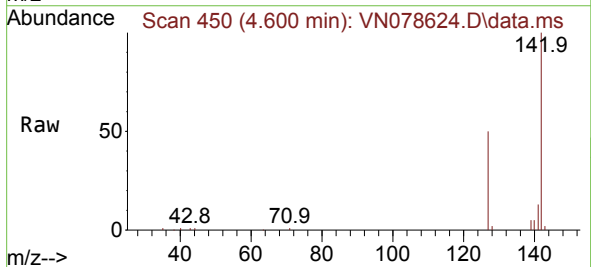
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

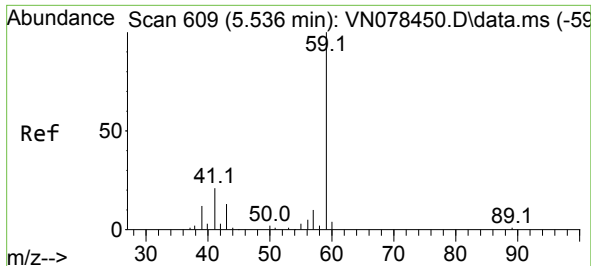
Tgt Ion:101 Resp: 93323
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 77.3 57.6 86.4



#10
Methyl Iodide
Concen: 19.080 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion:142 Resp: 126504
Ion Ratio Lower Upper
142 100
127 50.4 37.6 56.4
141 13.0 11.4 17.0

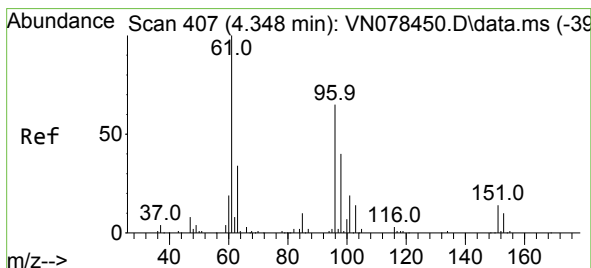
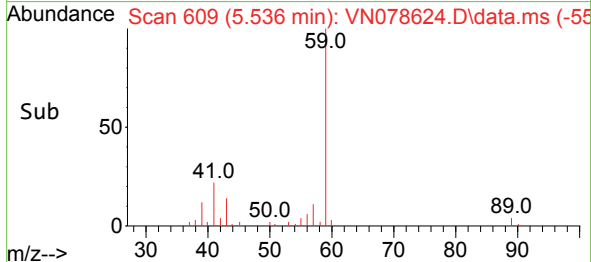
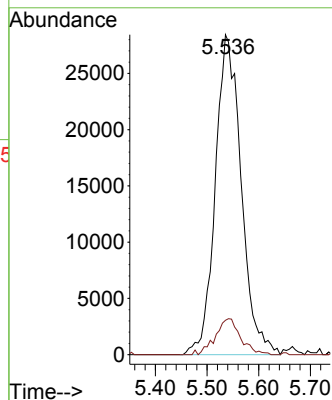
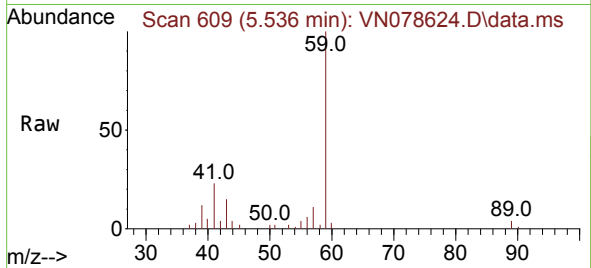




#11
Tert butyl alcohol
Concen: 108.336 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

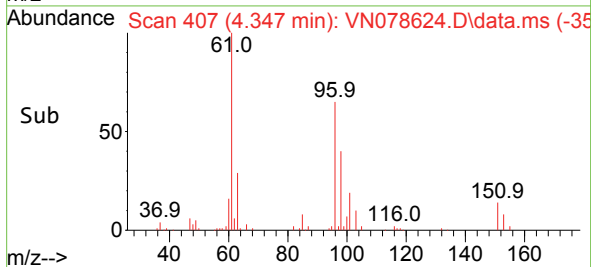
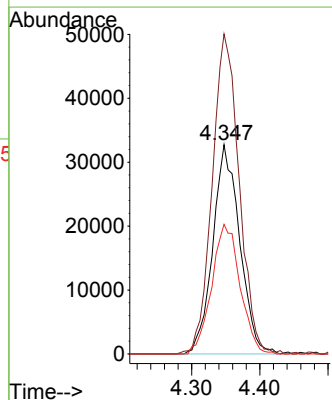
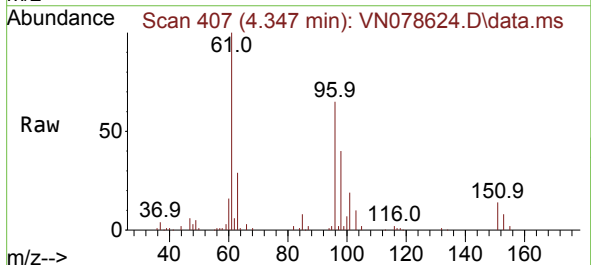
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

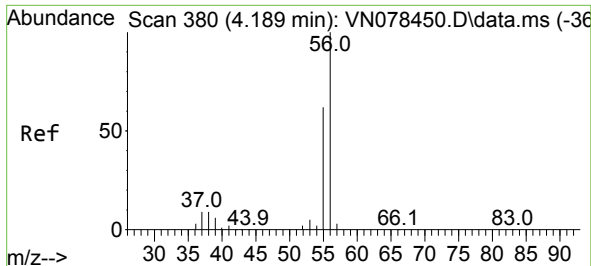
Tgt Ion: 59 Resp: 99062
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.212 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 96 Resp: 89668
Ion Ratio Lower Upper
96 100
61 152.3 112.7 169.1
98 61.9 51.2 76.8

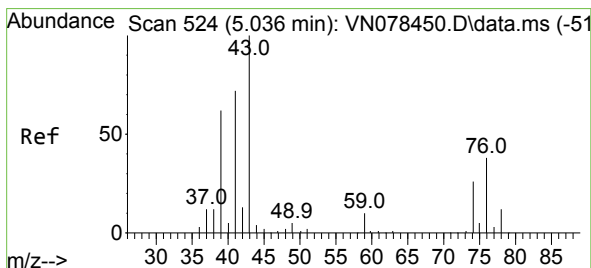
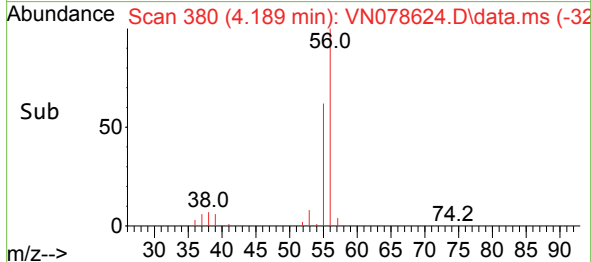
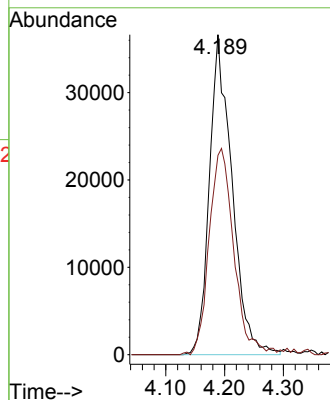
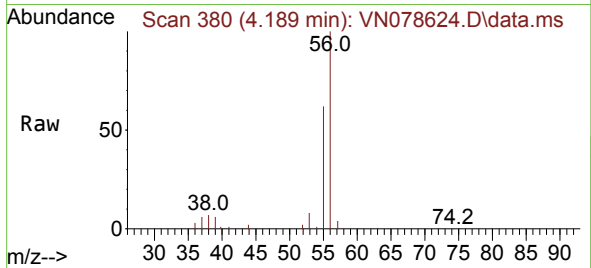




#13
Acrolein
Concen: 108.255 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

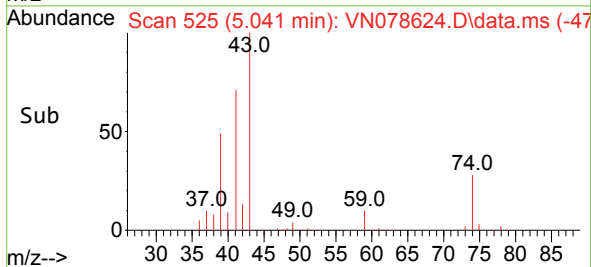
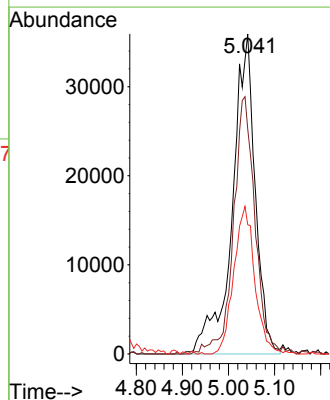
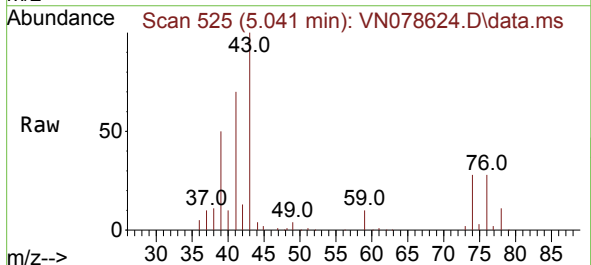
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

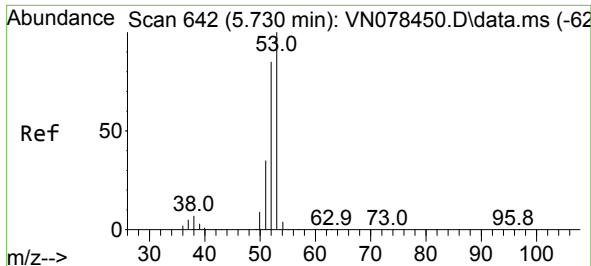
Tgt Ion: 56 Resp: 97391
Ion Ratio Lower Upper
56 100
55 69.9 54.5 81.7



#14
Allyl chloride
Concen: 19.544 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.005 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 41 Resp: 124647
Ion Ratio Lower Upper
41 100
39 74.8 58.8 88.2
76 42.3 39.1 58.7

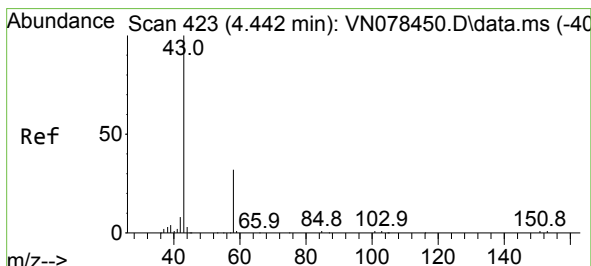
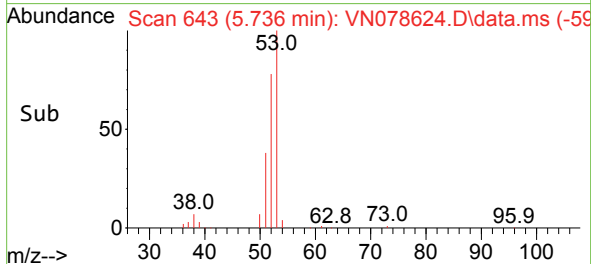
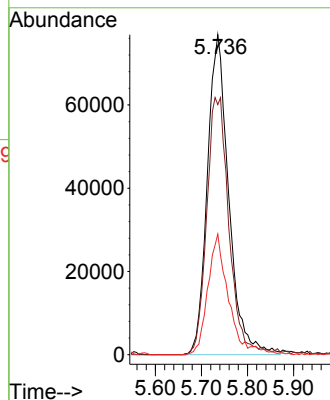
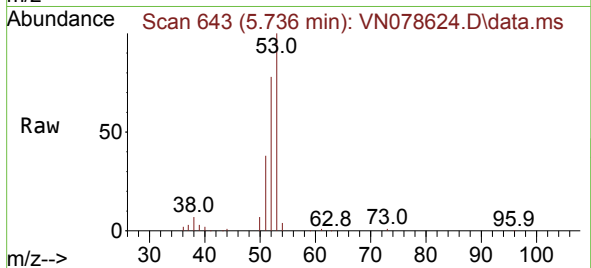




#15
Acrylonitrile
Concen: 107.632 ug/l
RT: 5.736 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

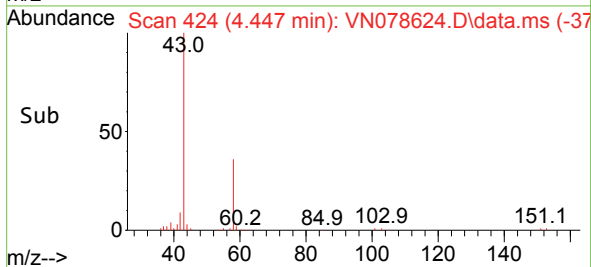
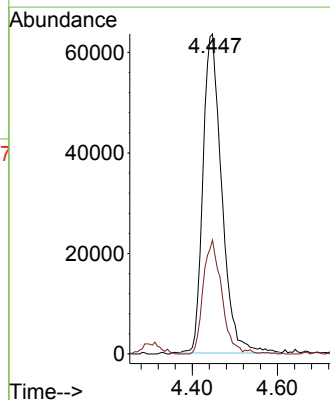
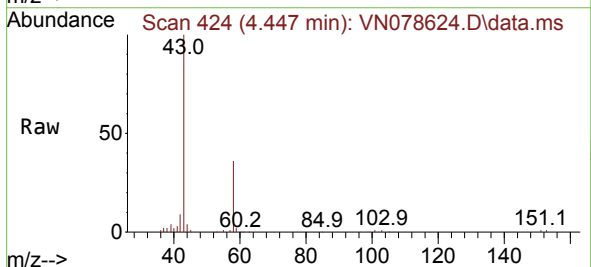
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

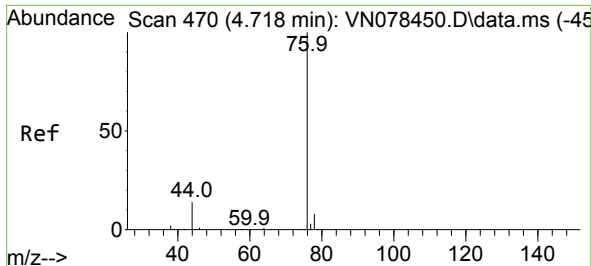
Tgt Ion: 53 Resp: 248664
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 35.2 28.9 43.3



#16
Acetone
Concen: 105.593 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 43 Resp: 195044
Ion Ratio Lower Upper
43 100
58 35.7 28.0 42.0





#17

Carbon Disulfide

Concen: 15.634 ug/l

RT: 4.724 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

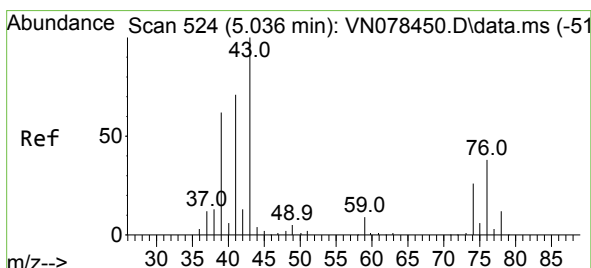
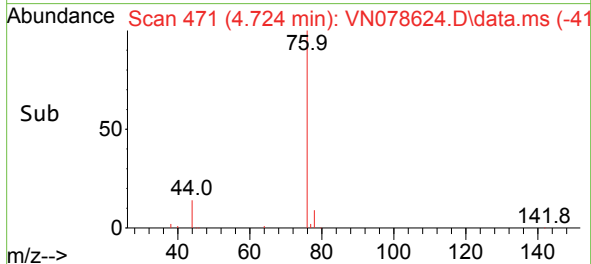
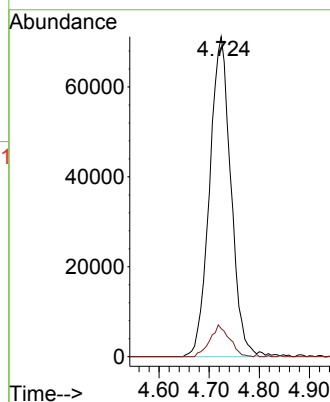
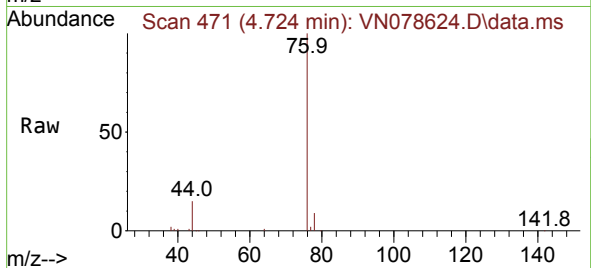
VN0721MBSD01

Tgt Ion: 76 Resp: 210994

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



#18

Methyl Acetate

Concen: 21.897 ug/l

RT: 5.041 min Scan# 525

Delta R.T. 0.005 min

Lab File: VN078624.D

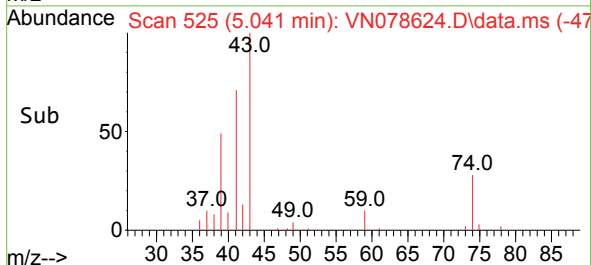
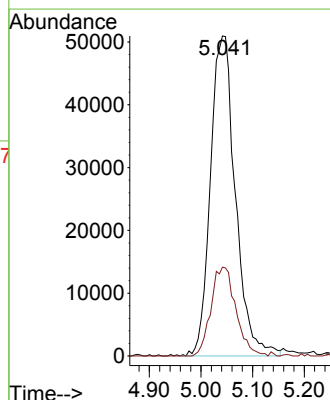
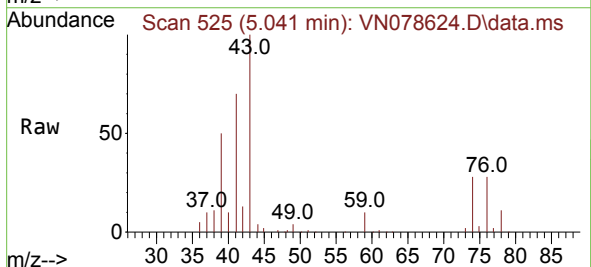
Acq: 21 Jul 2023 19:26

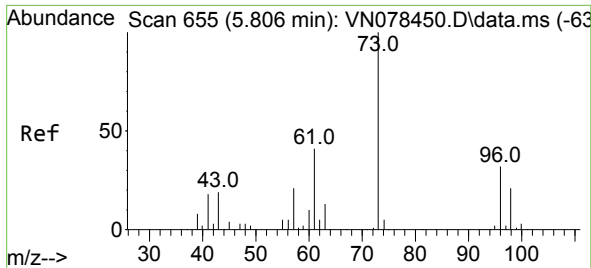
Tgt Ion: 43 Resp: 171217

Ion Ratio Lower Upper

43 100

74 27.6 26.2 39.4

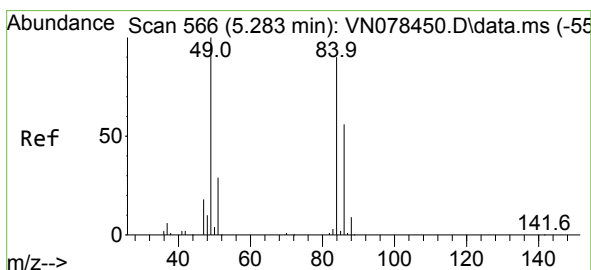
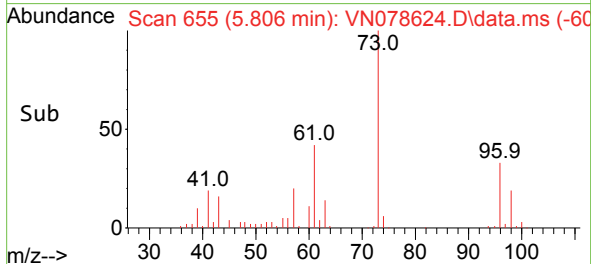
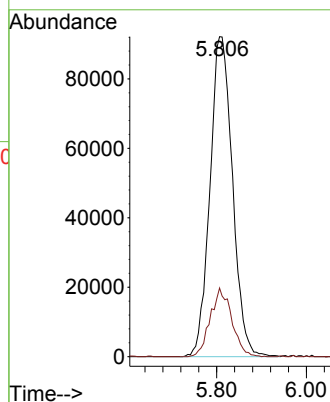
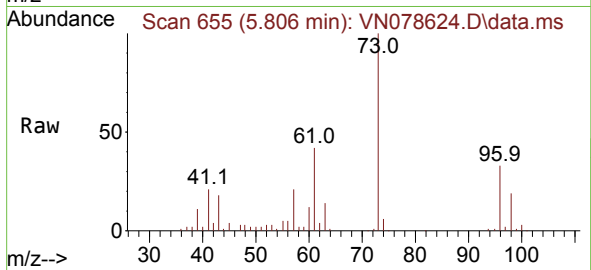




#19
Methyl tert-butyl Ether
Concen: 20.926 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

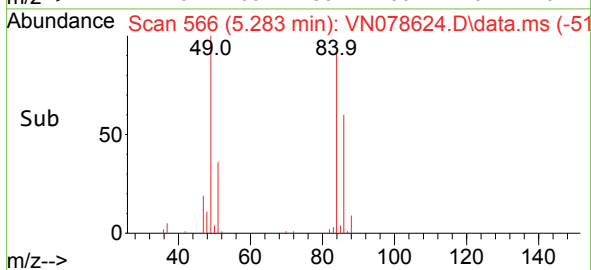
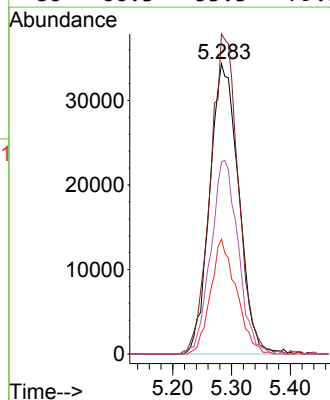
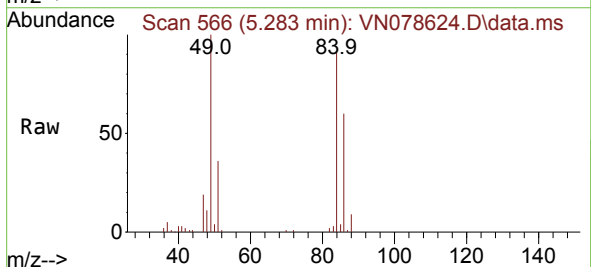
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

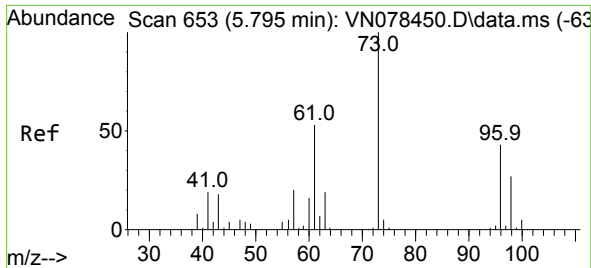
Tgt Ion: 73 Resp: 321793
Ion Ratio Lower Upper
73 100
57 21.4 15.6 23.4



#20
Methylene Chloride
Concen: 21.402 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 84 Resp: 117100
Ion Ratio Lower Upper
84 100
49 110.3 79.7 119.5
51 39.5 25.2 37.8#
86 66.3 53.3 79.9

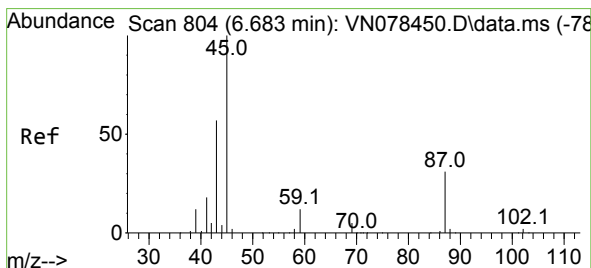
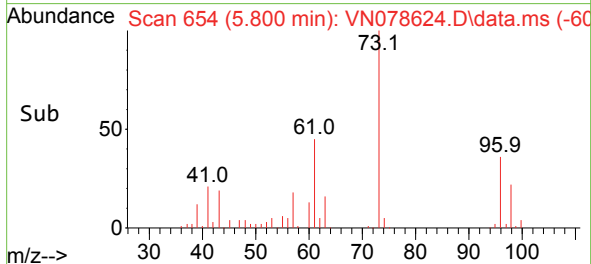
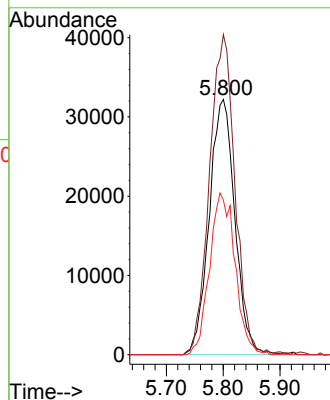
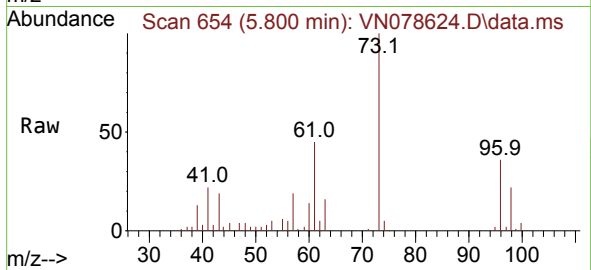




#21
trans-1,2-Dichloroethene
Concen: 19.214 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

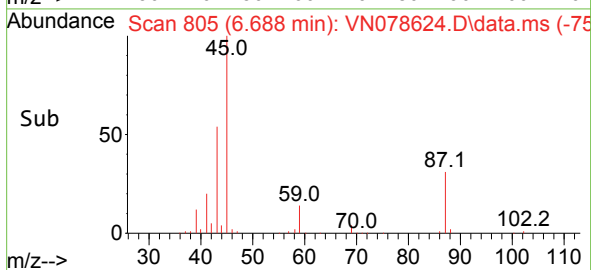
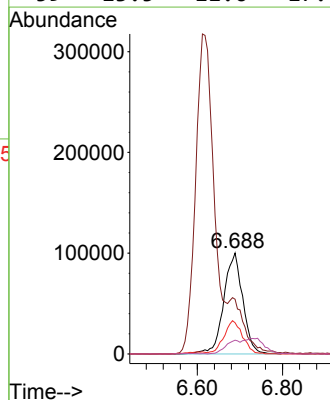
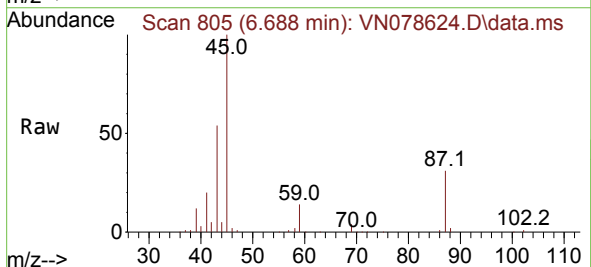
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01

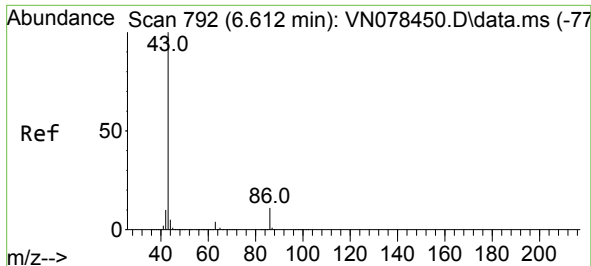
Tgt Ion: 96 Resp: 101057
Ion Ratio Lower Upper
96 100
61 125.4 90.1 135.1
98 60.5 46.4 69.6



#22
Diisopropyl ether
Concen: 21.824 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.005 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 45 Resp: 311652
Ion Ratio Lower Upper
45 100
43 52.9 45.5 68.3
87 30.9 31.8 47.8#
59 13.5 11.6 17.4

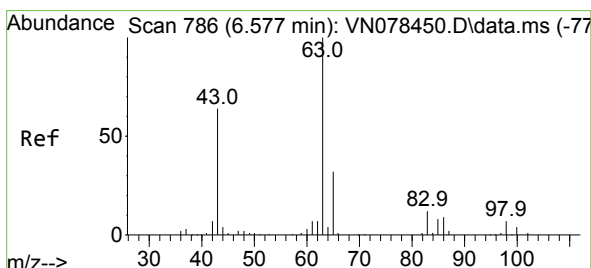
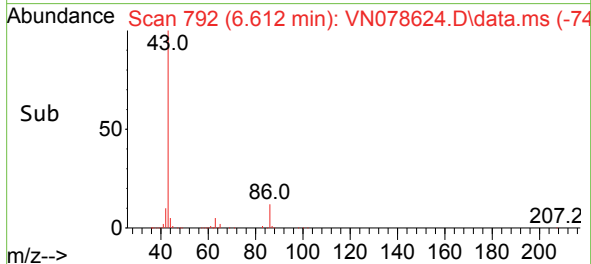
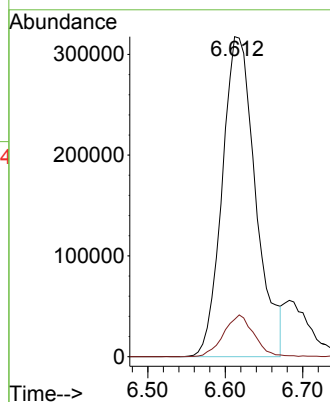
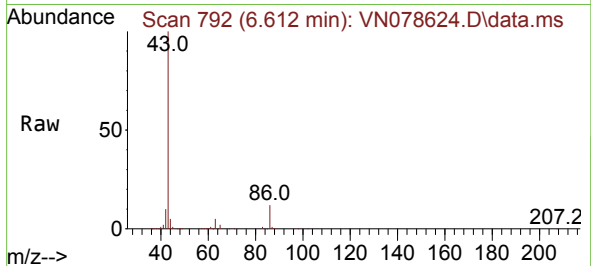




#23
 Vinyl Acetate
 Concen: 105.070 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

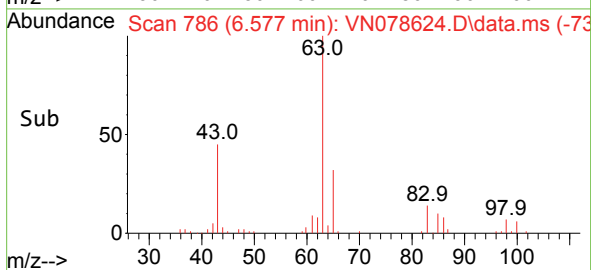
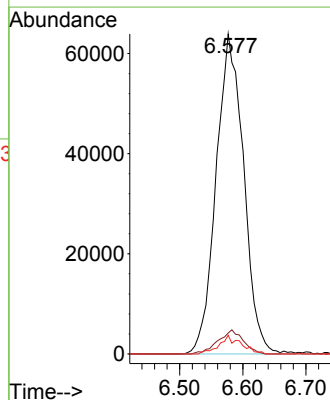
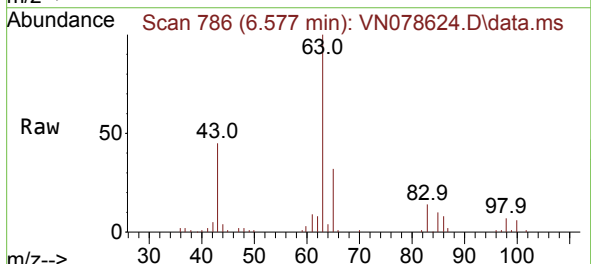
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBS01

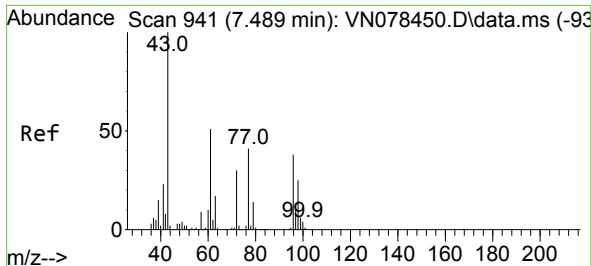
Tgt Ion: 43 Resp: 953886
 Ion Ratio Lower Upper
 43 100
 86 11.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.087 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

Tgt Ion: 63 Resp: 193286
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 5.9 2.5 7.4

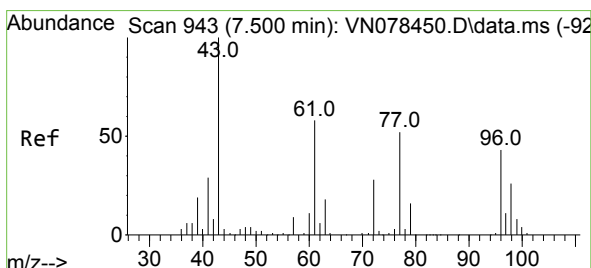
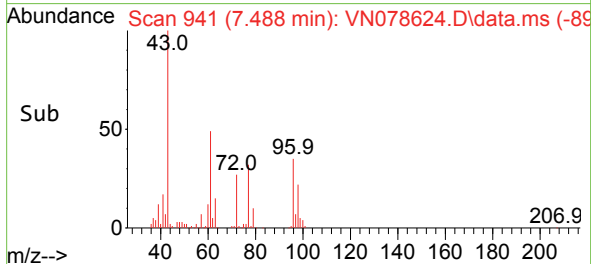
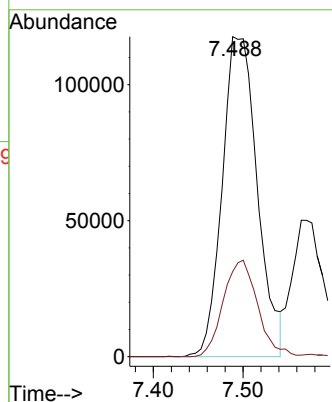
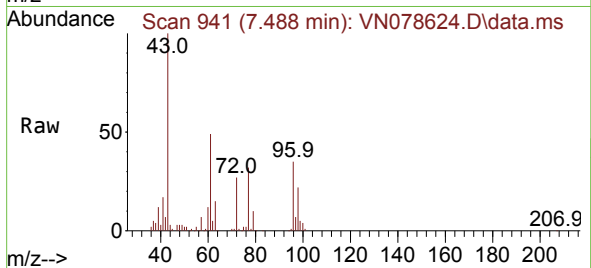




#25
2-Butanone
Concen: 110.137 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

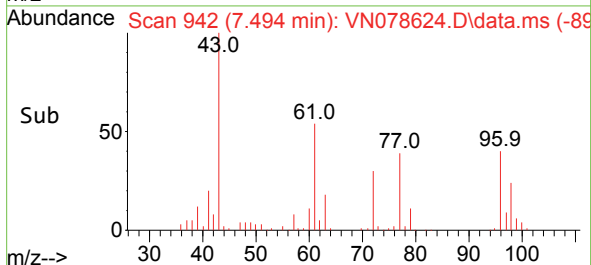
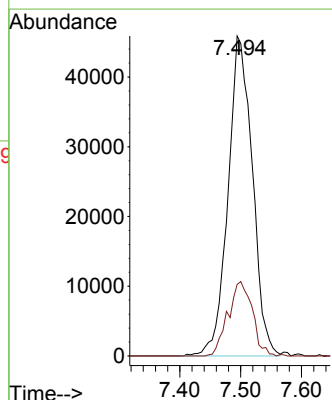
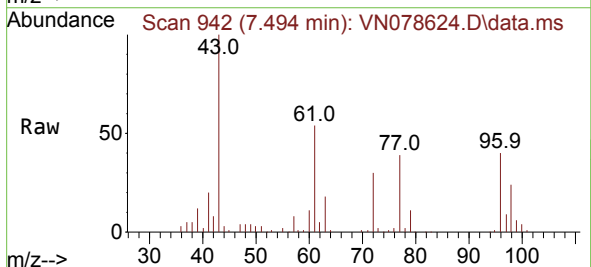
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

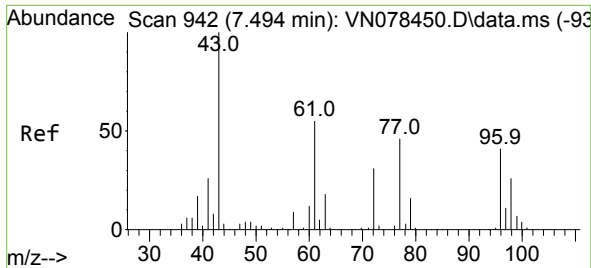
Tgt Ion: 43 Resp: 320240
Ion Ratio Lower Upper
43 100
72 26.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 16.208 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 77 Resp: 127559
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6

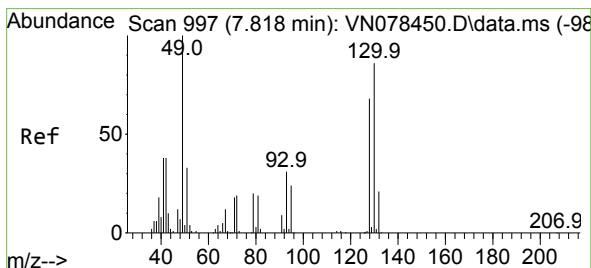
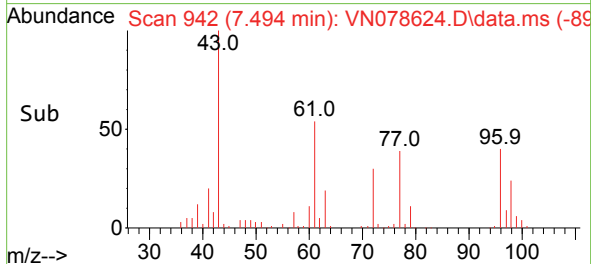
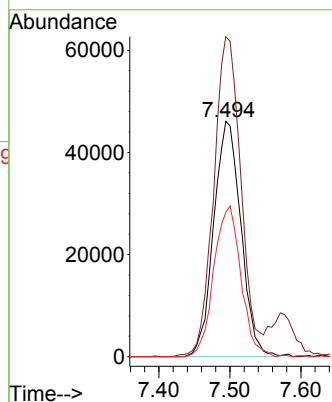
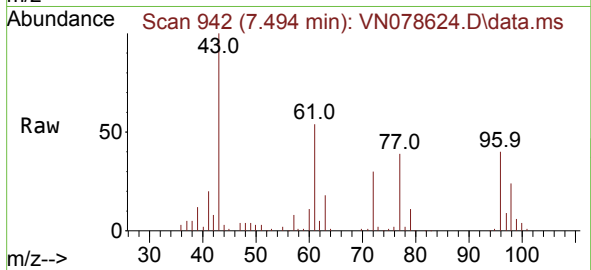




#27
 cis-1,2-Dichloroethene
 Concen: 20.125 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

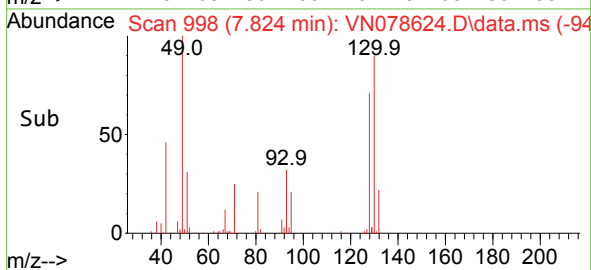
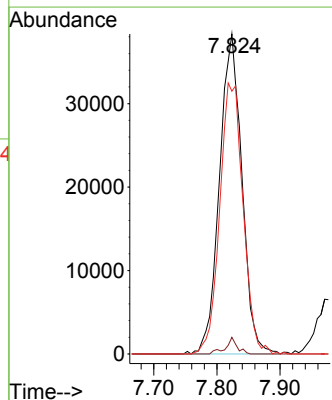
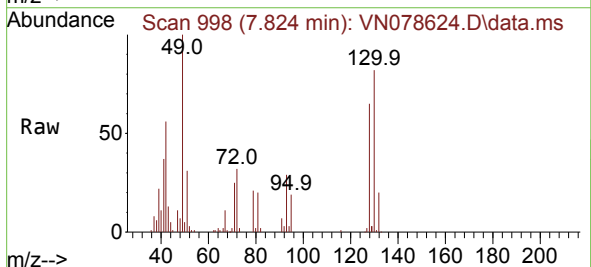
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBSD01

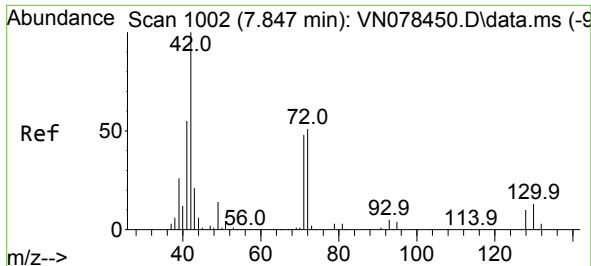
Tgt Ion: 96 Resp: 122445
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 255.2
 98 63.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.872 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

Tgt Ion: 49 Resp: 94598
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 88.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 107.760 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBSD01

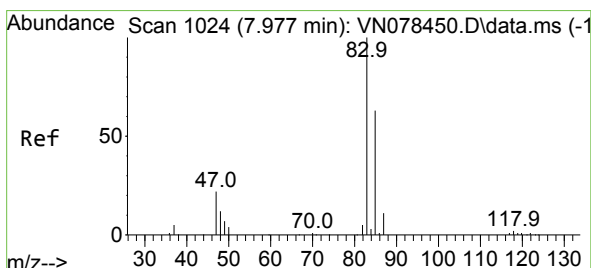
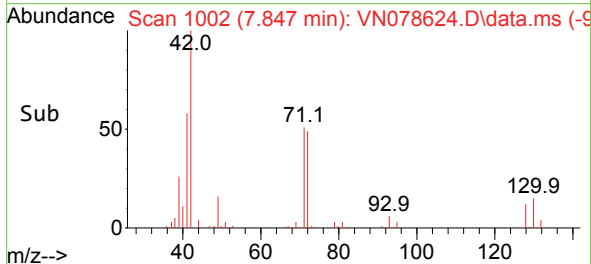
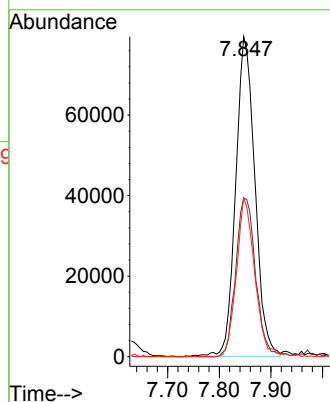
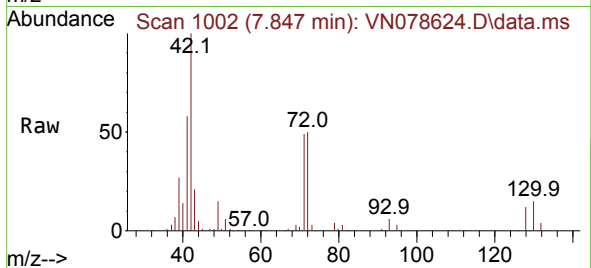
Tgt Ion: 42 Resp: 205595

Ion Ratio Lower Upper

42 100

72 51.3 49.8 74.6

71 47.5 47.4 71.2



#30

Chloroform

Concen: 20.956 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078624.D

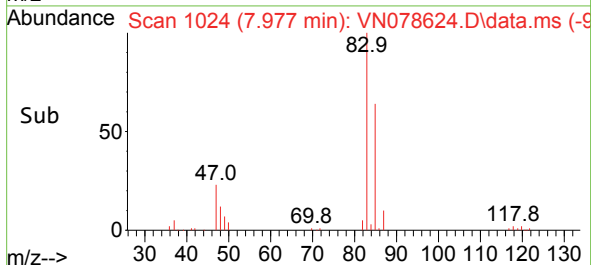
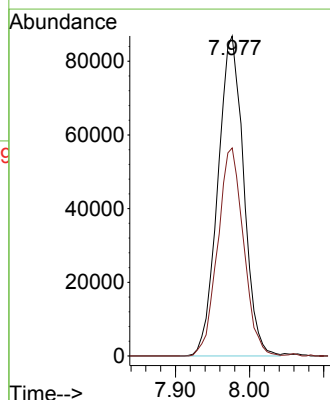
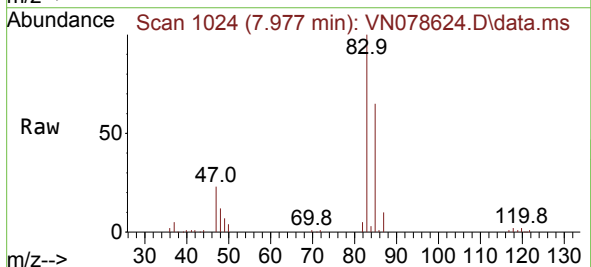
Acq: 21 Jul 2023 19:26

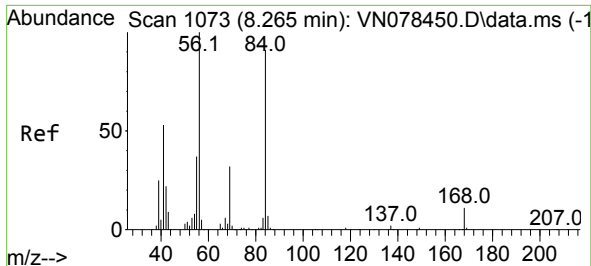
Tgt Ion: 83 Resp: 209938

Ion Ratio Lower Upper

83 100

85 65.0 55.4 83.0

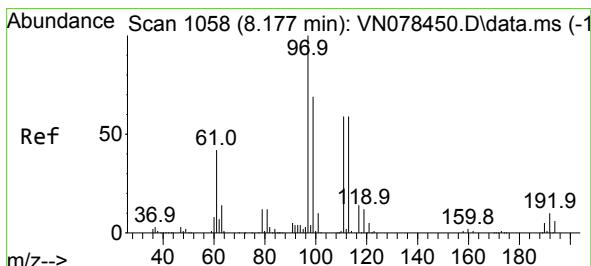
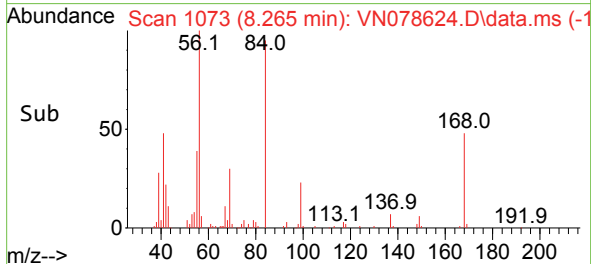
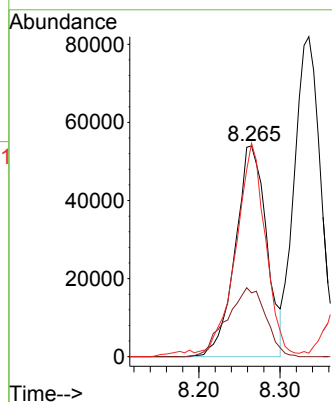
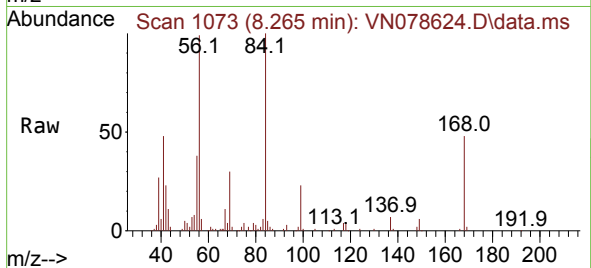




#31
Cyclohexane
Concen: 18.062 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

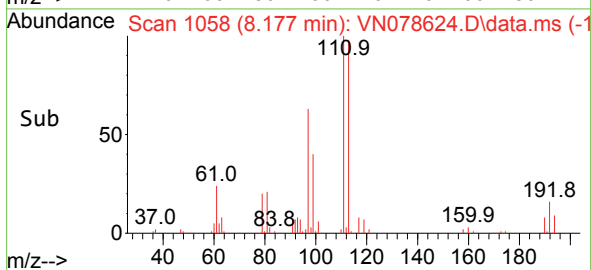
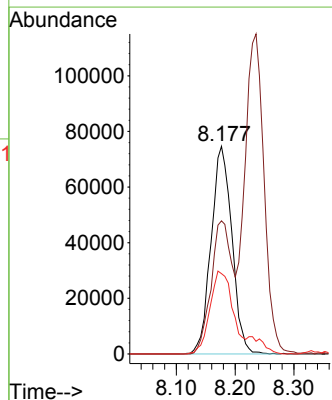
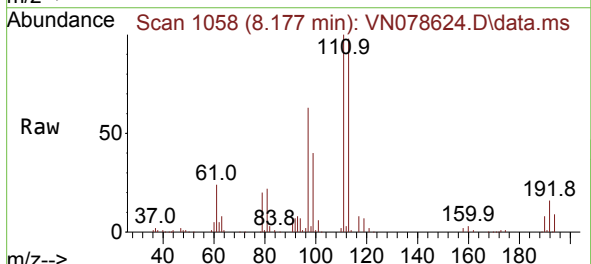
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

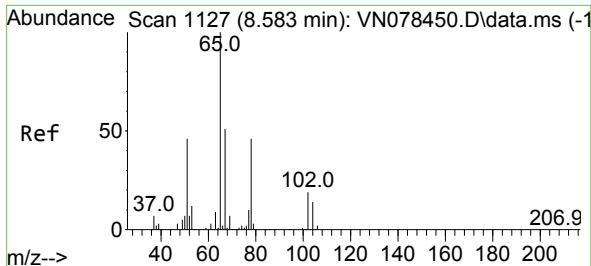
Tgt Ion: 56 Resp: 144743
Ion Ratio Lower Upper
56 100
69 30.3 26.8 40.2
84 98.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 20.416 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 97 Resp: 183378
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 43.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.326 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

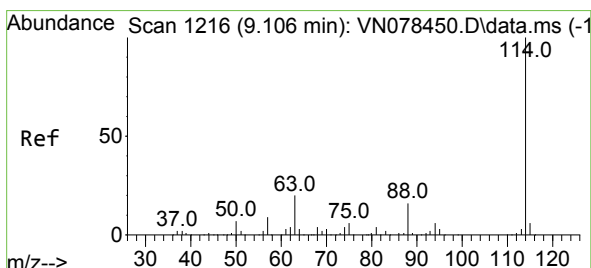
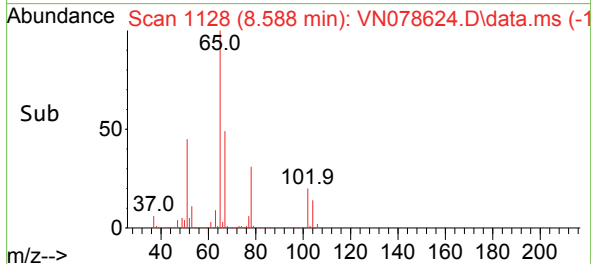
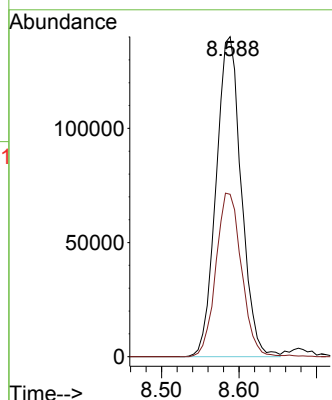
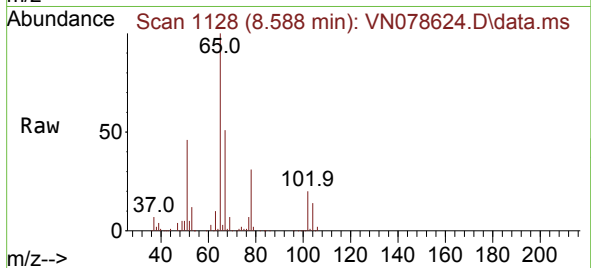
VN0721MBSD01

Tgt Ion: 65 Resp: 316214

Ion Ratio Lower Upper

65 100

67 51.9 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: VN078624.D

Acq: 21 Jul 2023 19:26

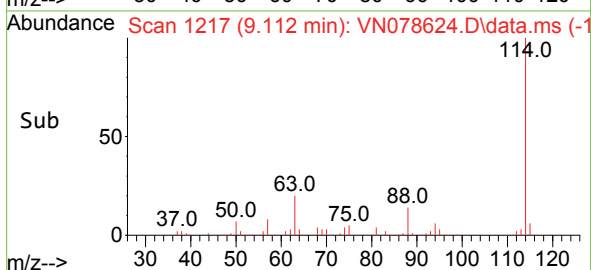
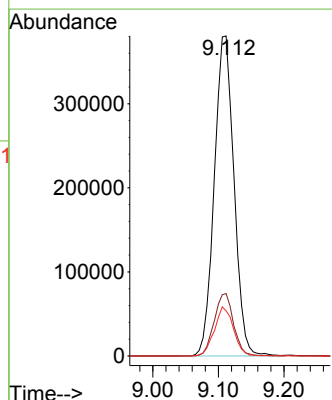
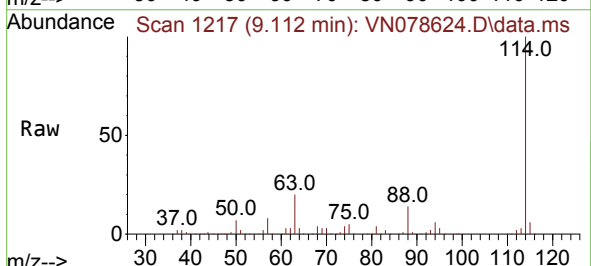
Tgt Ion: 114 Resp: 793147

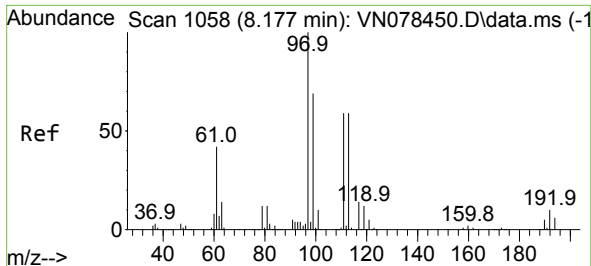
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 14.1 0.0 30.6

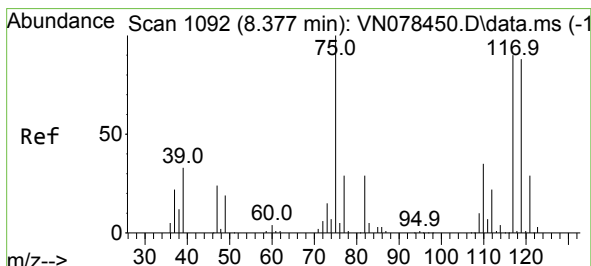
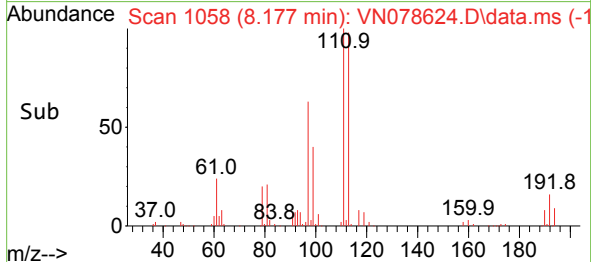
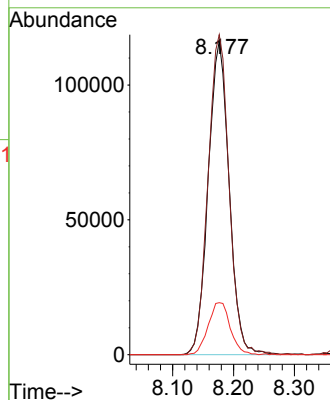
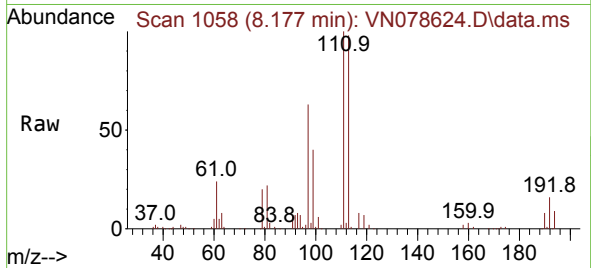




#35
Dibromofluoromethane
Concen: 51.546 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

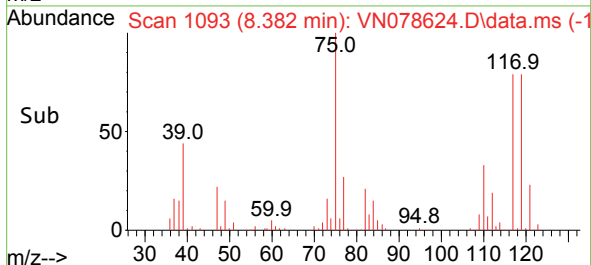
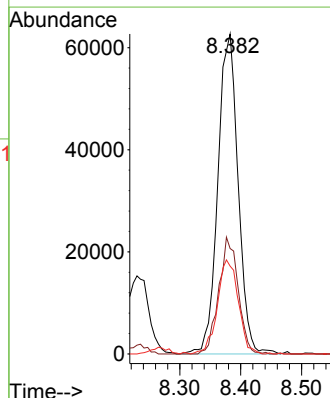
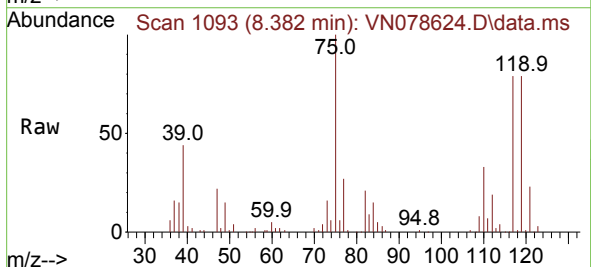
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

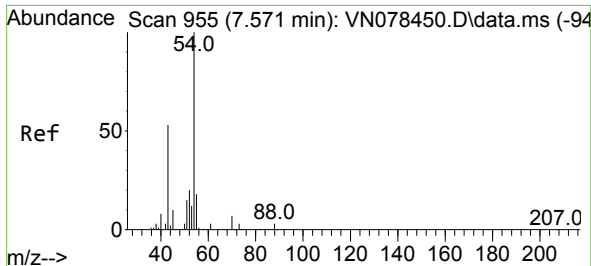
Tgt Ion:113 Resp: 277532
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.661 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 75 Resp: 145074
Ion Ratio Lower Upper
75 100
110 34.9 19.1 57.3
77 30.3 25.0 37.4

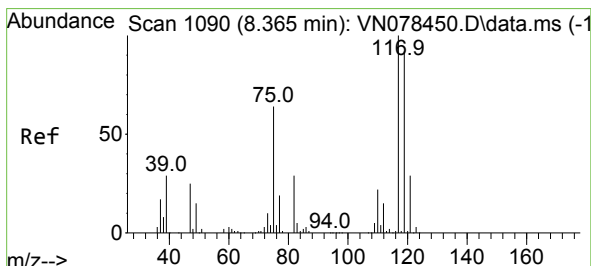
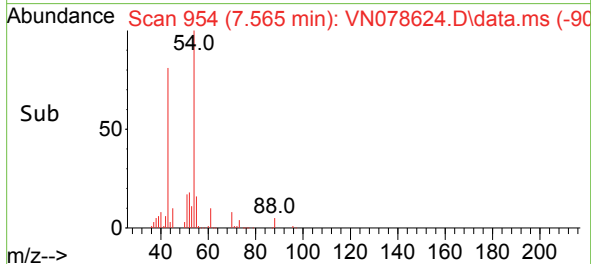
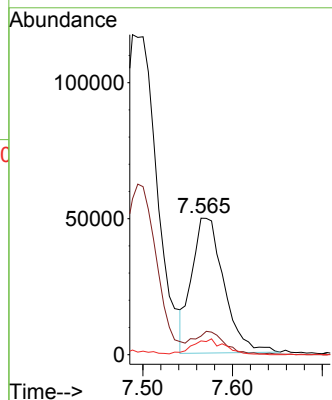
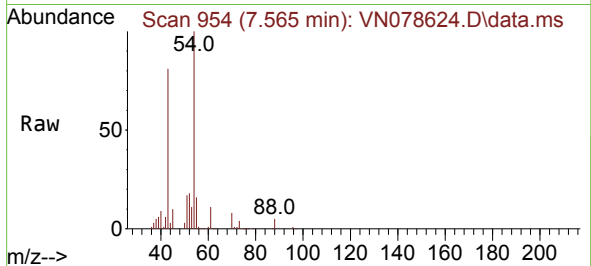




#37
Ethyl Acetate
Concen: 19.100 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

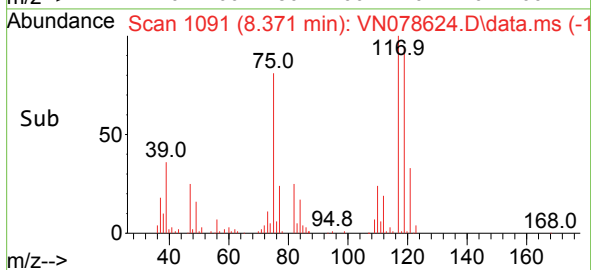
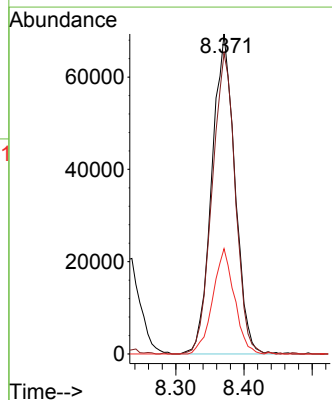
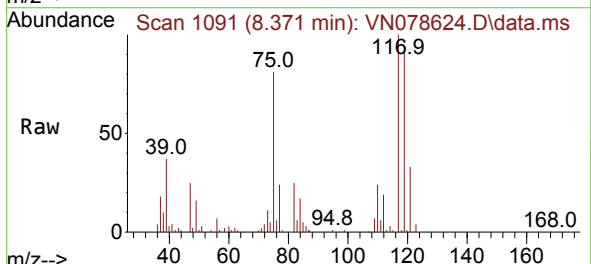
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01

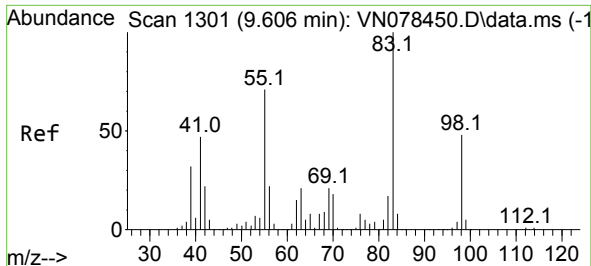
Tgt Ion: 43 Resp: 123782
Ion Ratio Lower Upper
43 100
61 15.2 13.2 19.8
70 11.7 11.3 16.9



#38
Carbon Tetrachloride
Concen: 19.339 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 117 Resp: 163403
Ion Ratio Lower Upper
117 100
119 94.0 77.3 115.9
121 32.9 23.3 34.9

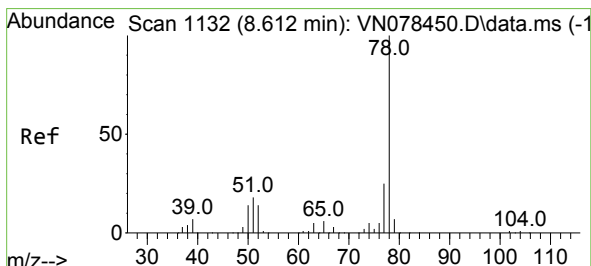
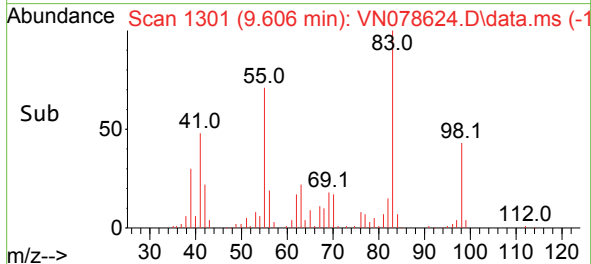
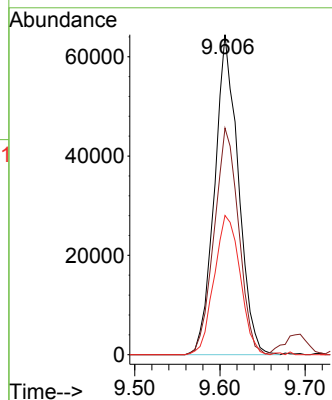
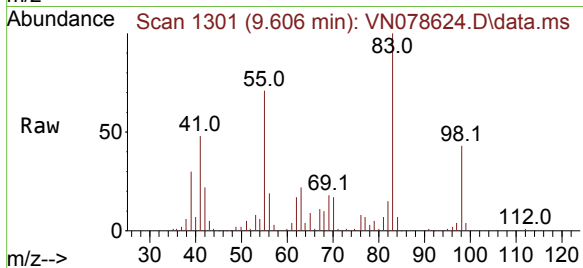




#39
Methylcyclohexane
Concen: 17.582 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

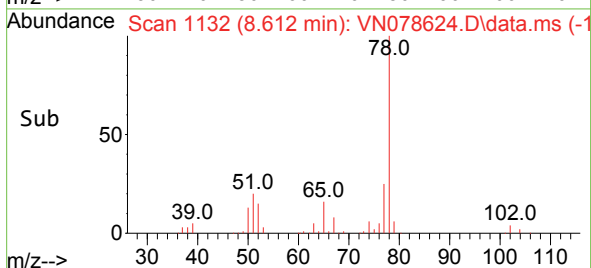
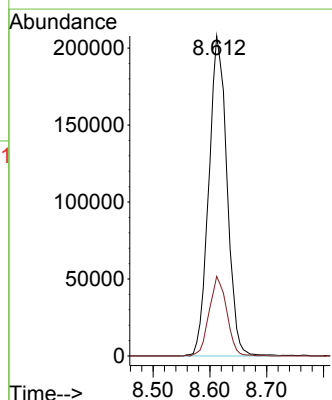
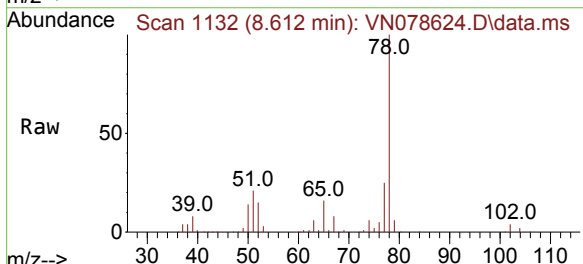
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

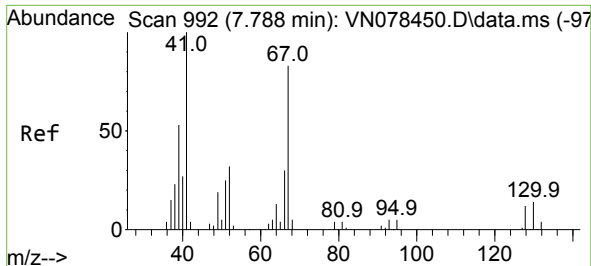
Tgt Ion: 83 Resp: 124764
Ion Ratio Lower Upper
83 100
55 70.8 49.1 73.7
98 43.5 40.6 61.0



#40
Benzene
Concen: 20.039 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 78 Resp: 461541
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6

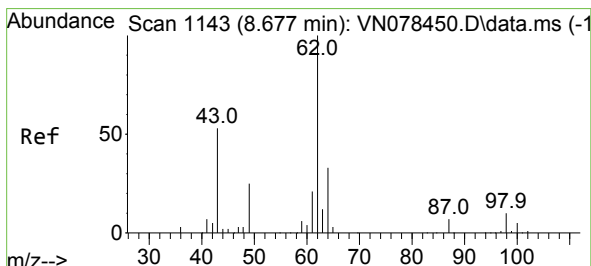
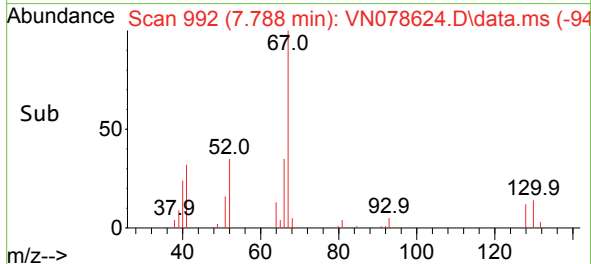
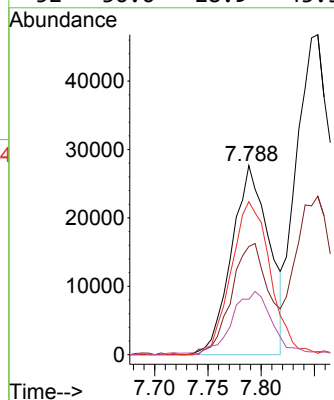
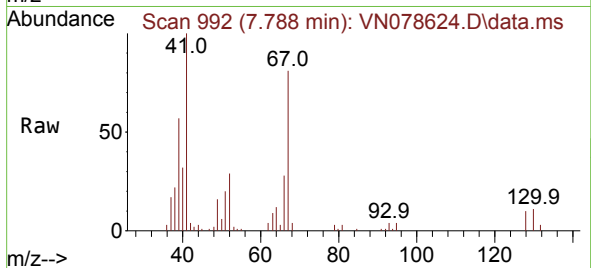




#41
Methacrylonitrile
Concen: 20.505 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

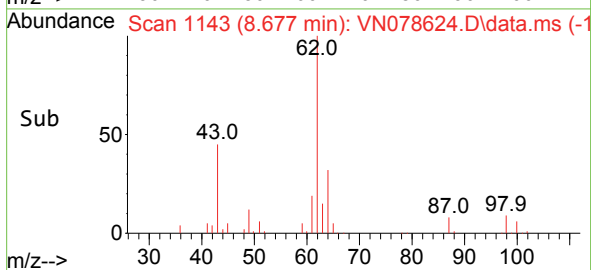
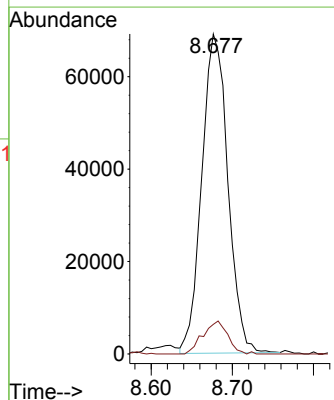
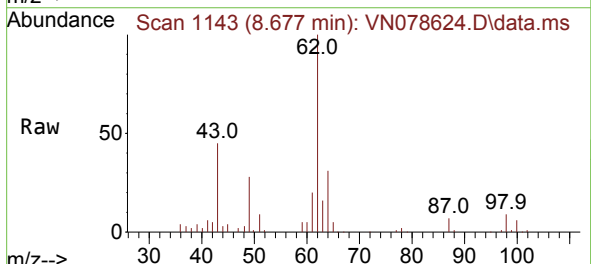
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

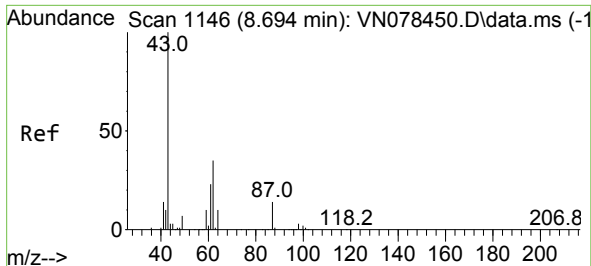
Tgt Ion:	41	Resp:	67745
Ion	Ratio	Lower	Upper
41	100		
39	59.2	42.6	64.0
67	84.4	77.5	116.3
52	36.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.687 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion:	62	Resp:	154226
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8

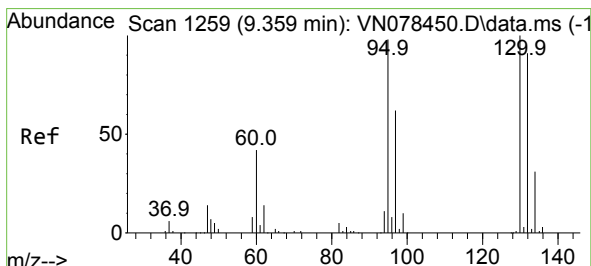
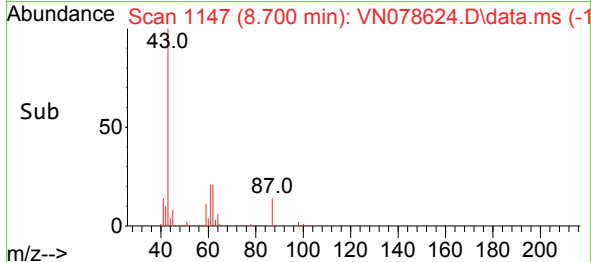
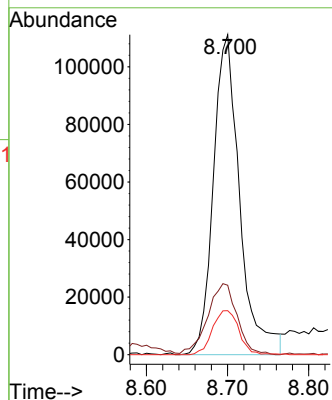
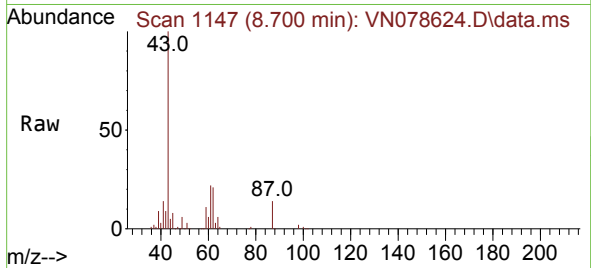




#43
Isopropyl Acetate
Concen: 23.499 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

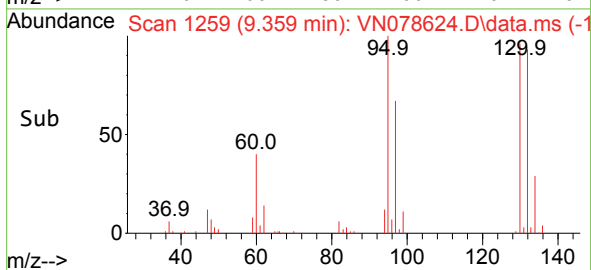
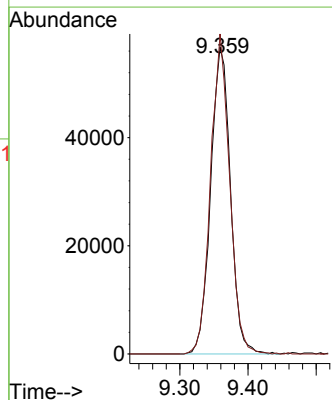
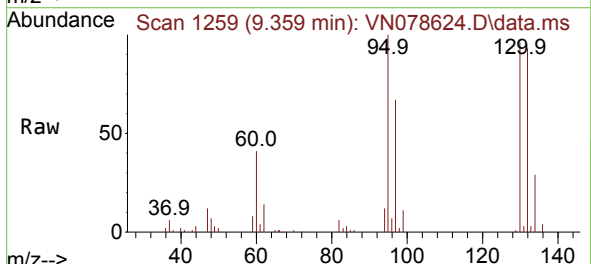
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBS01

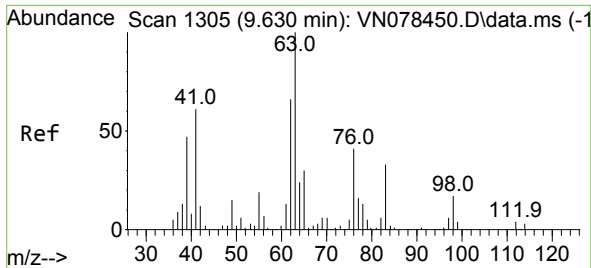
Tgt Ion: 43 Resp: 250725
Ion Ratio Lower Upper
43 100
61 24.9 24.7 37.1
87 13.9 14.6 21.8#



#44
Trichloroethene
Concen: 18.438 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion:130 Resp: 114456
Ion Ratio Lower Upper
130 100
95 104.3 0.0 204.6

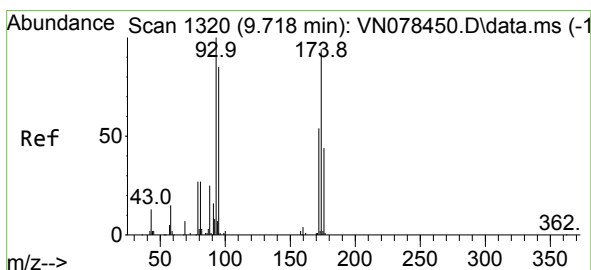
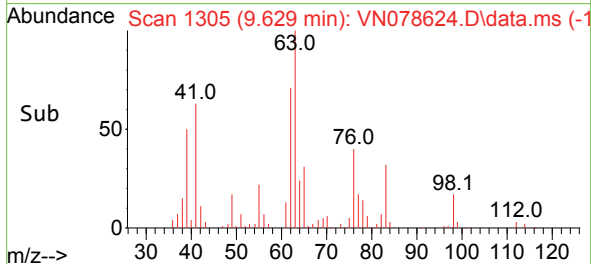
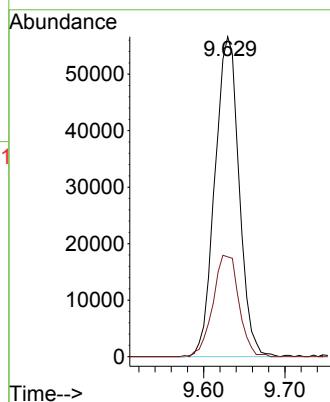
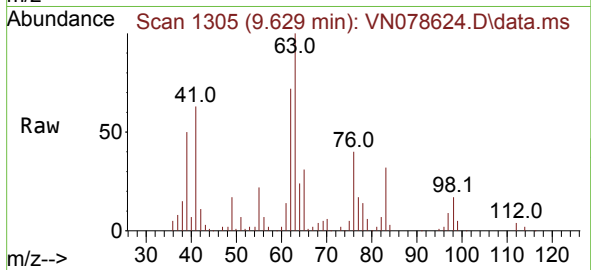




#45
1,2-Dichloropropane
Concen: 20.081 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

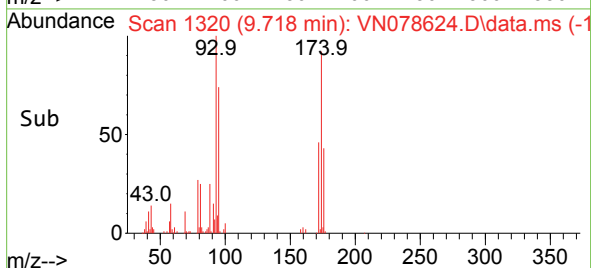
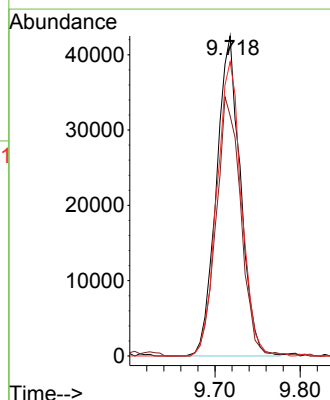
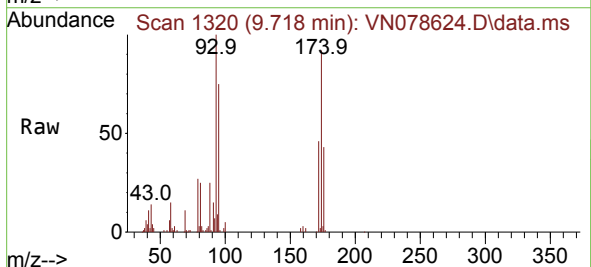
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

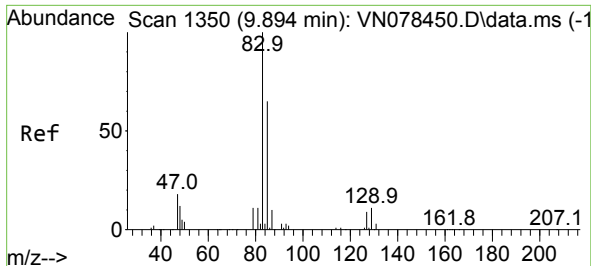
Tgt Ion: 63 Resp: 117140
Ion Ratio Lower Upper
63 100
65 31.2 23.9 35.9



#46
Dibromomethane
Concen: 20.200 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 93 Resp: 82935
Ion Ratio Lower Upper
93 100
95 83.5 63.8 95.8
174 94.6 65.6 98.4

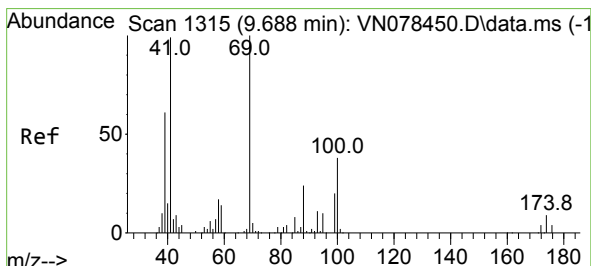
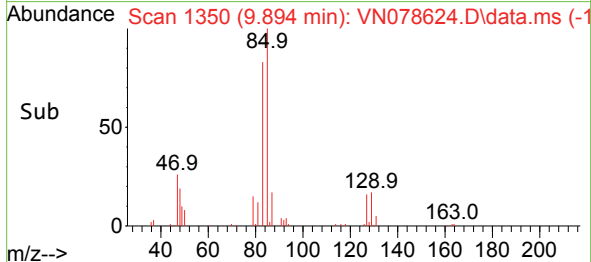
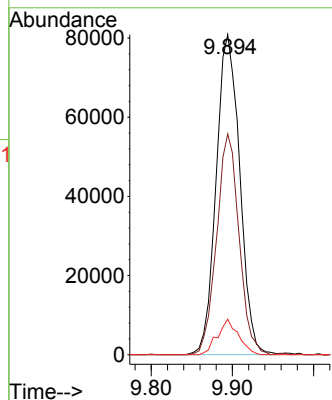
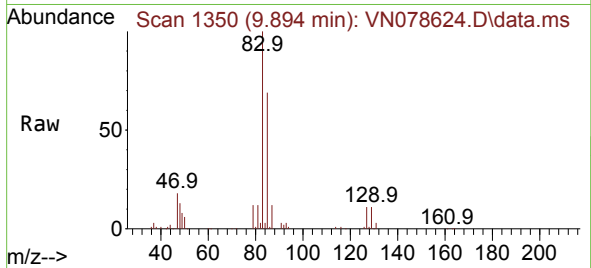




#47
Bromodichloromethane
Concen: 19.819 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

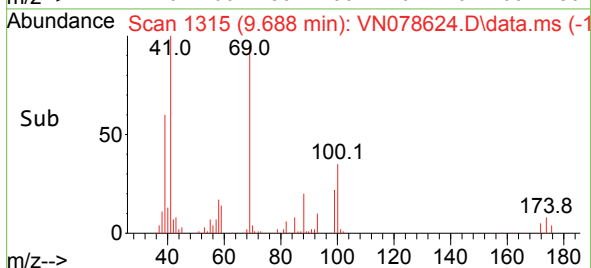
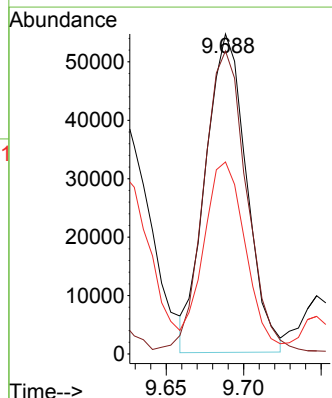
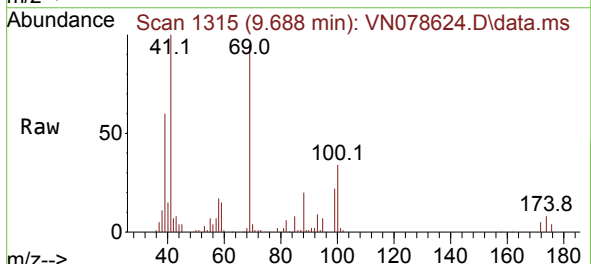
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

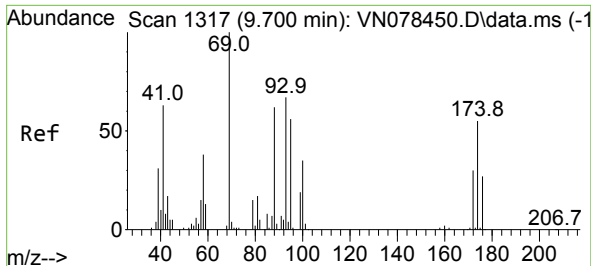
Tgt Ion: 83 Resp: 163112
Ion Ratio Lower Upper
83 100
85 69.0 49.6 74.4
127 11.1 7.0 10.6#



#48
Methyl methacrylate
Concen: 20.283 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 41 Resp: 100263
Ion Ratio Lower Upper
41 100
69 101.6 90.4 135.6
39 62.4 54.6 81.8





#49

1,4-Dioxane

Concen: 400.925 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBSD01

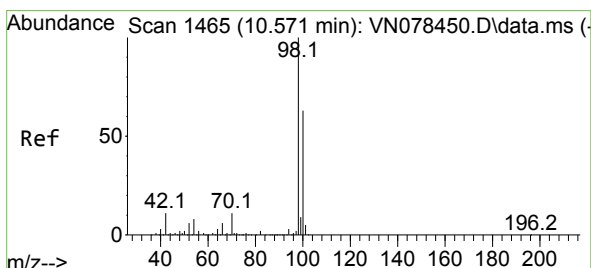
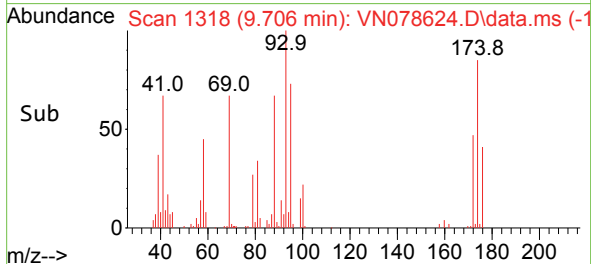
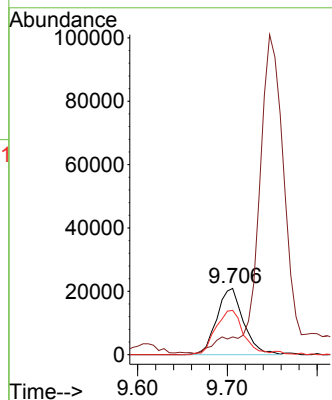
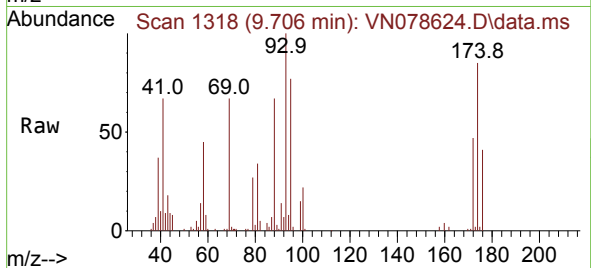
Tgt Ion: 88 Resp: 43220

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 69.4 47.0 70.4



#50

Toluene-d8

Concen: 49.317 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078624.D

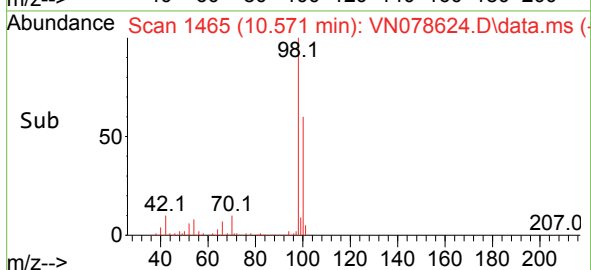
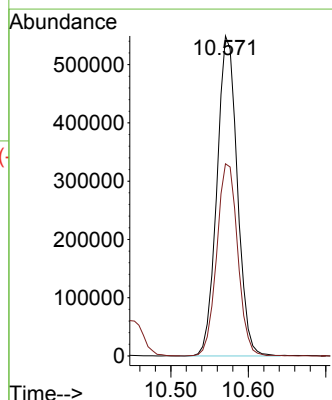
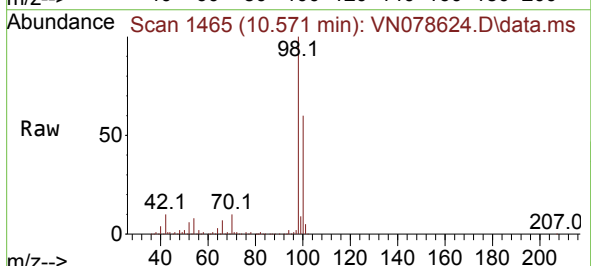
Acq: 21 Jul 2023 19:26

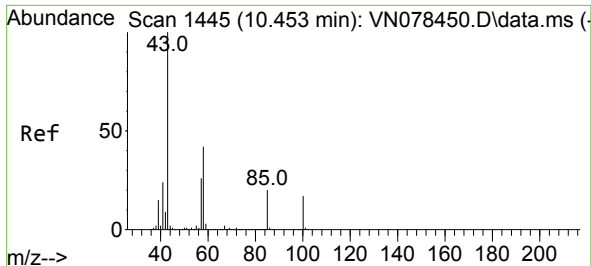
Tgt Ion: 98 Resp: 1003095

Ion Ratio Lower Upper

98 100

100 61.8 52.0 78.0

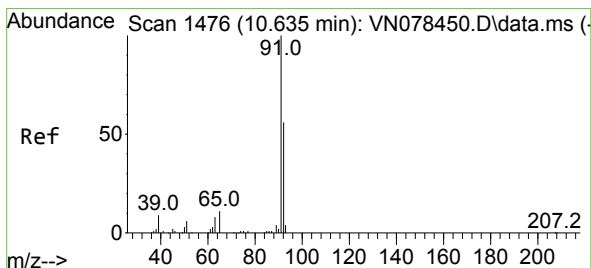
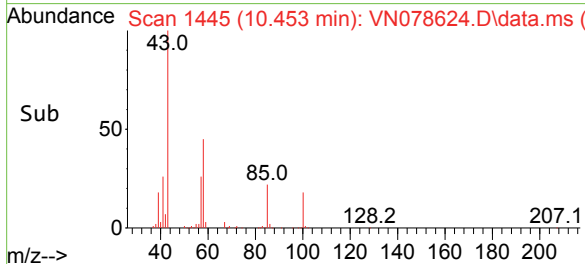
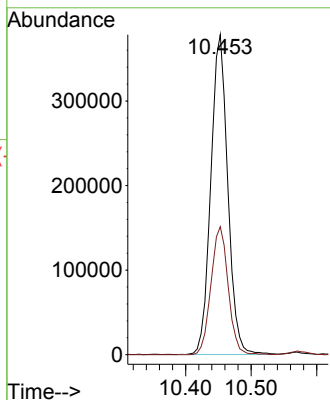
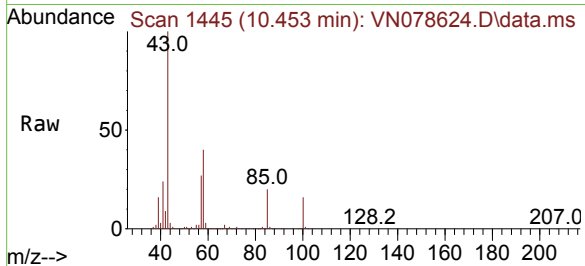




#51
4-Methyl-2-Pentanone
Concen: 107.074 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

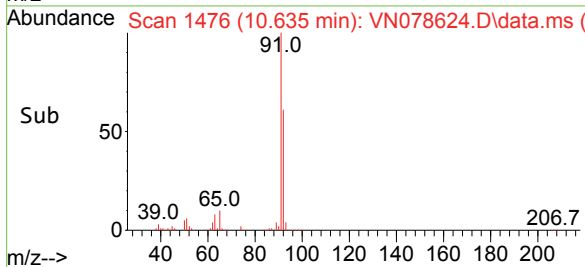
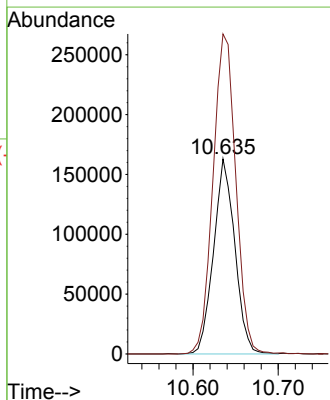
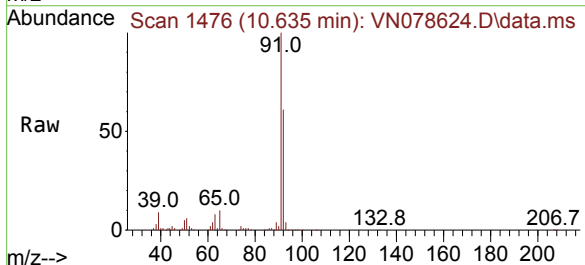
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

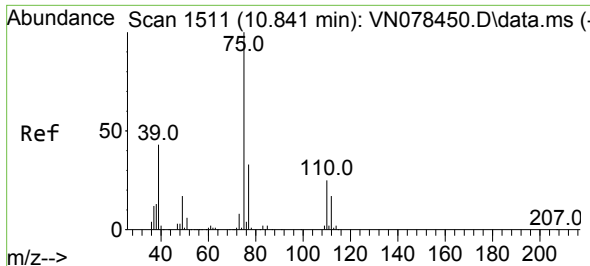
Tgt Ion: 43 Resp: 679541
Ion Ratio Lower Upper
43 100
58 40.6 36.6 54.8



#52
Toluene
Concen: 19.809 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 92 Resp: 282767
Ion Ratio Lower Upper
92 100
91 175.9 137.4 206.0

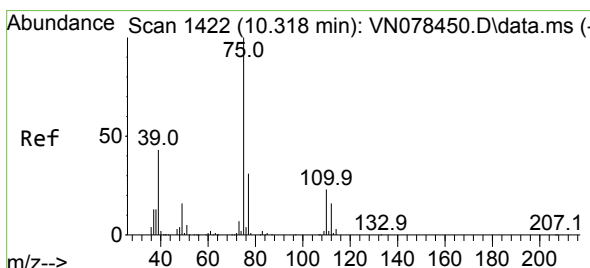
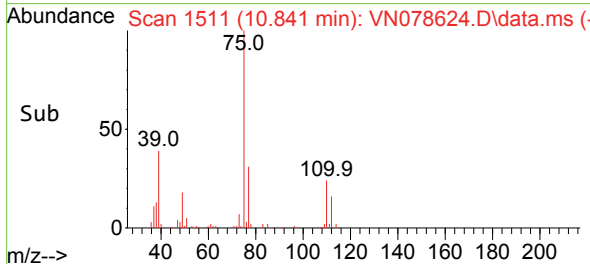
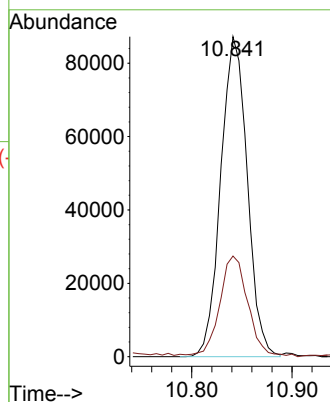
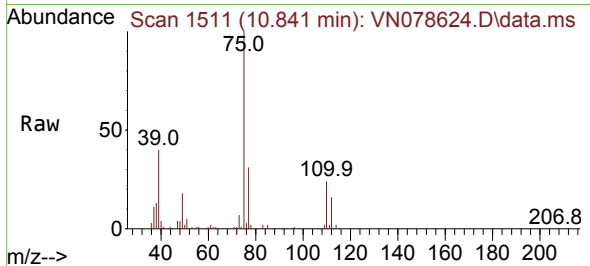




#53
 t-1,3-Dichloropropene
 Concen: 18.994 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

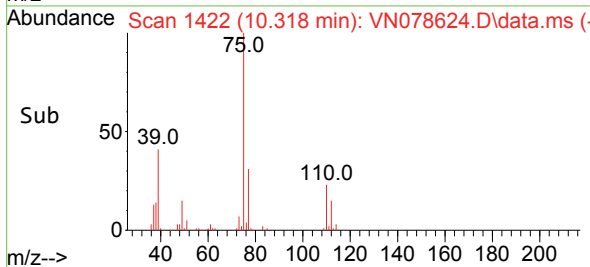
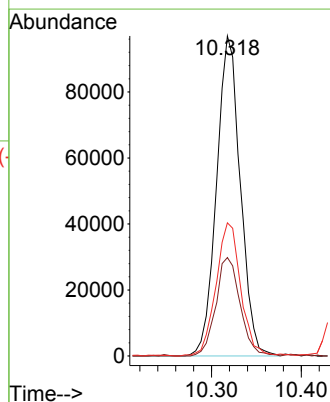
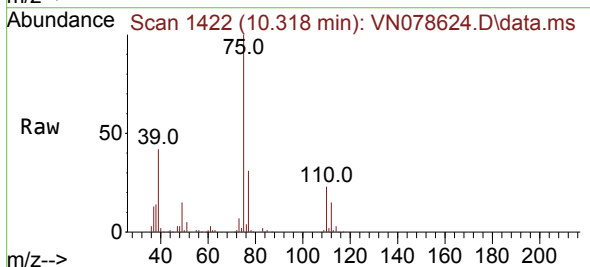
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBSD01

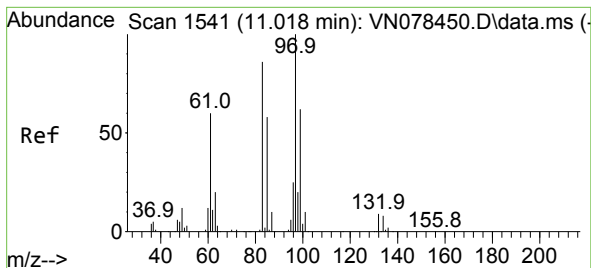
Tgt Ion: 75 Resp: 160151
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.831 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

Tgt Ion: 75 Resp: 178226
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.1 39.1
 39 41.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 21.256 ug/l

RT: 11.023 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBS01

Tgt Ion: 97 Resp: 119546

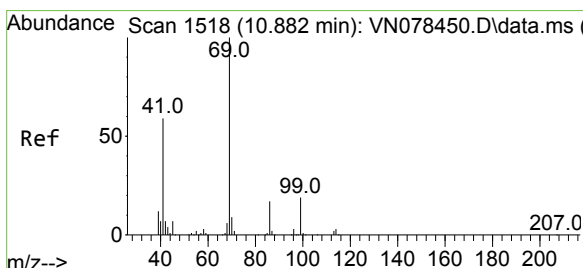
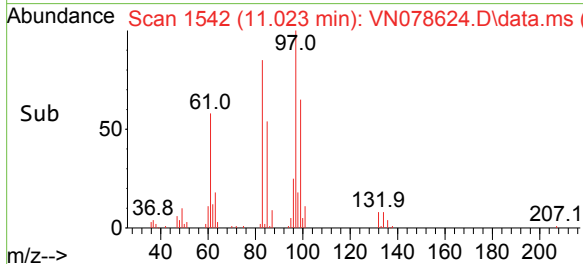
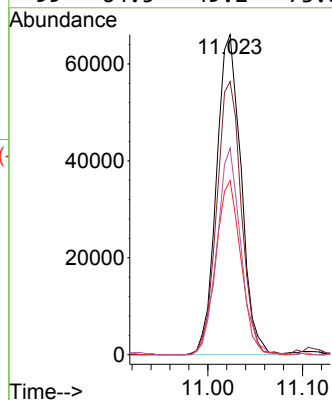
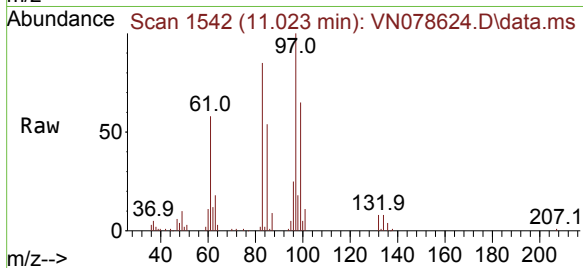
Ion Ratio Lower Upper

97 100

83 85.3 65.1 97.7

85 54.4 43.4 65.2

99 64.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 21.100 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

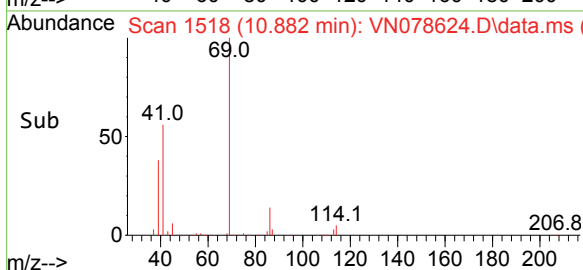
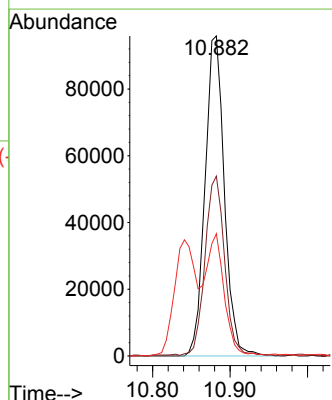
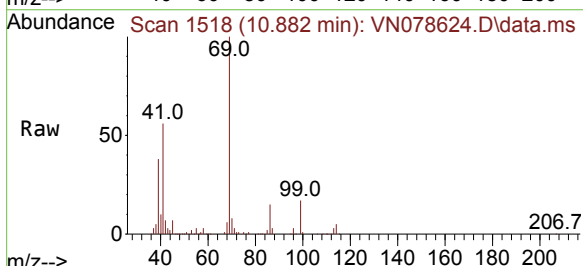
Tgt Ion: 69 Resp: 165886

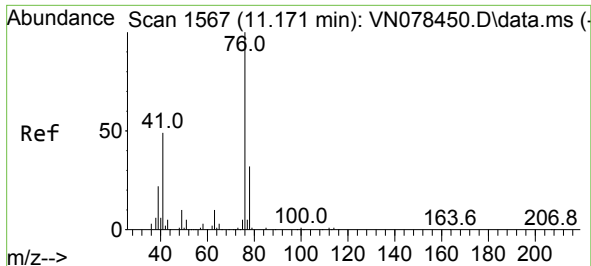
Ion Ratio Lower Upper

69 100

41 57.9 39.6 59.4

39 32.8 28.6 43.0

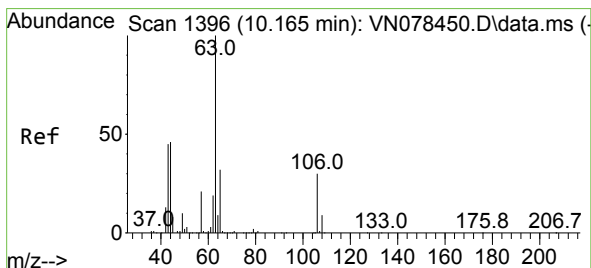
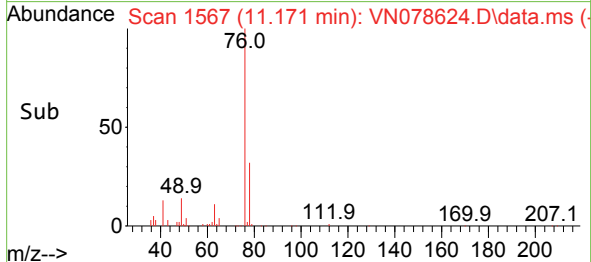
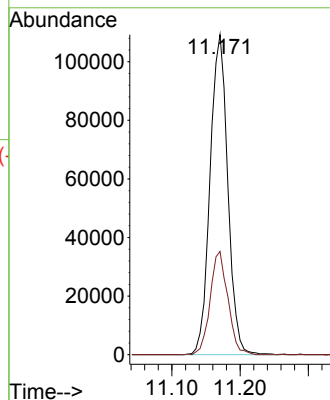
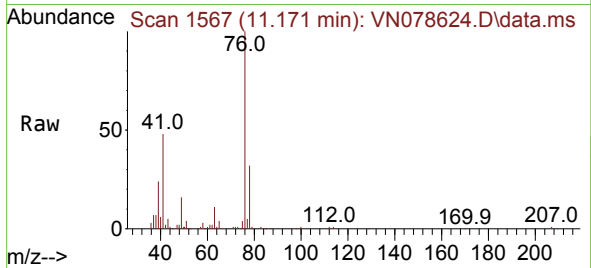




#57
1,3-Dichloropropane
Concen: 20.633 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

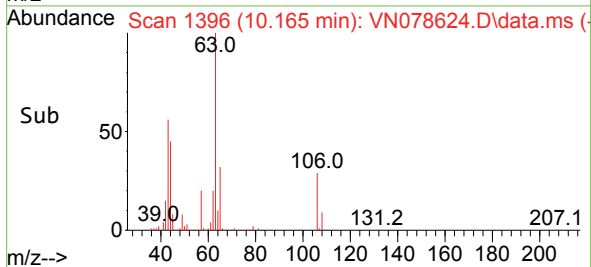
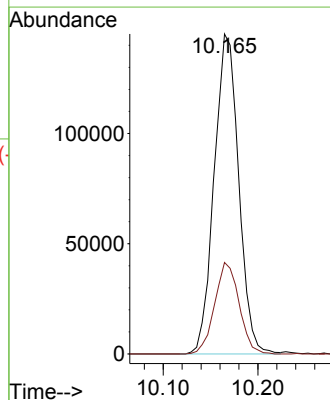
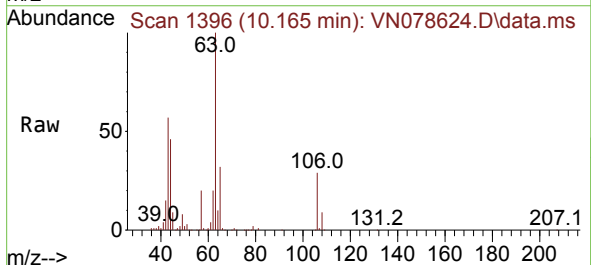
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

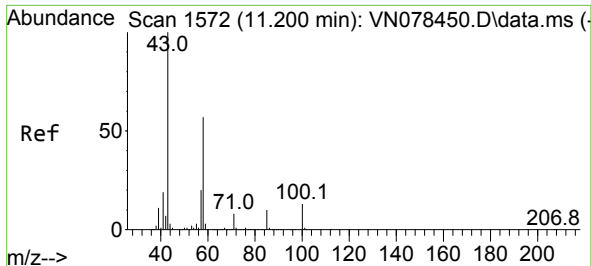
Tgt Ion: 76 Resp: 197306
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 93.219 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 63 Resp: 261176
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4

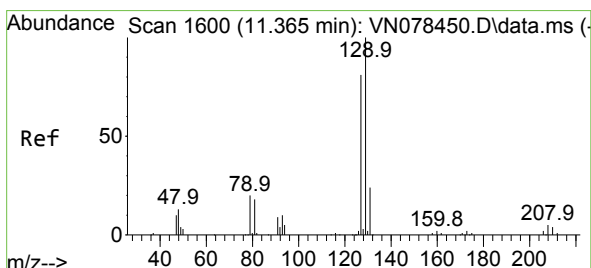
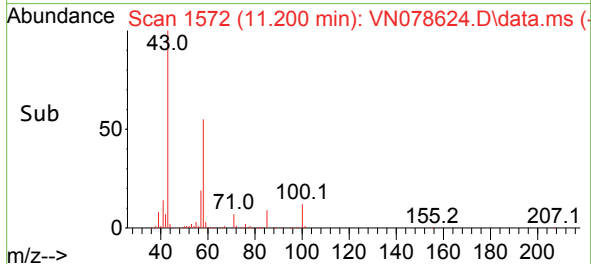
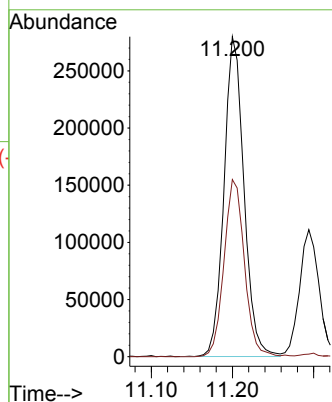
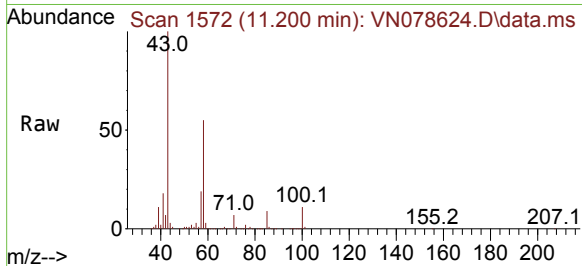




#59
2-Hexanone
Concen: 105.998 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

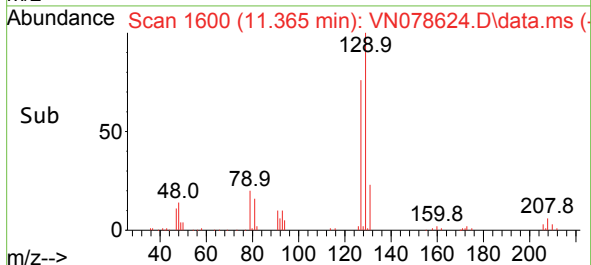
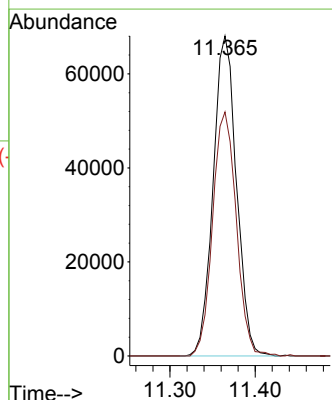
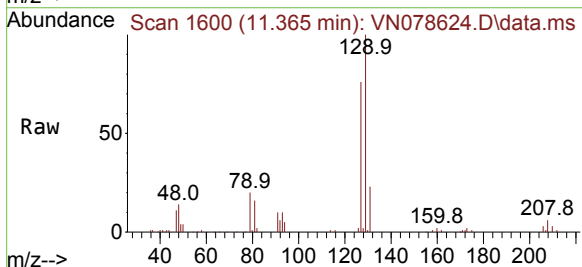
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

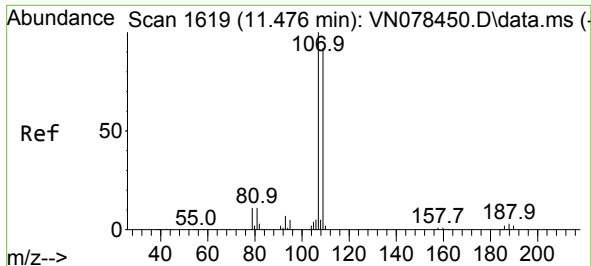
Tgt Ion: 43 Resp: 478103
Ion Ratio Lower Upper
43 100
58 56.7 31.7 95.1



#60
Dibromochloromethane
Concen: 20.826 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 129 Resp: 129304
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

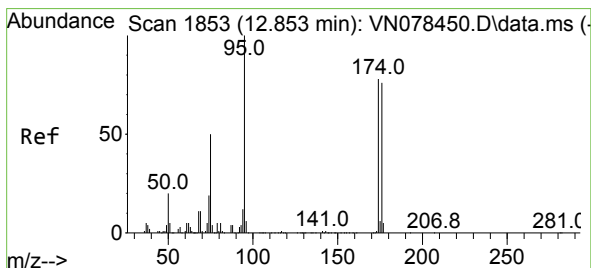
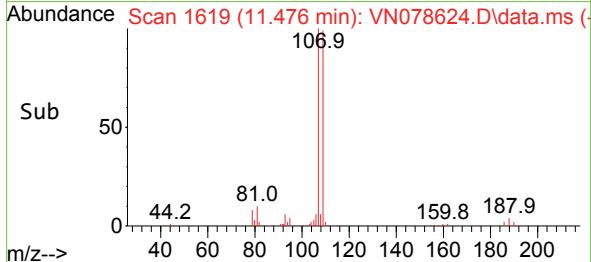
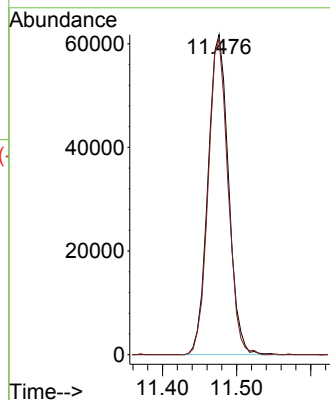
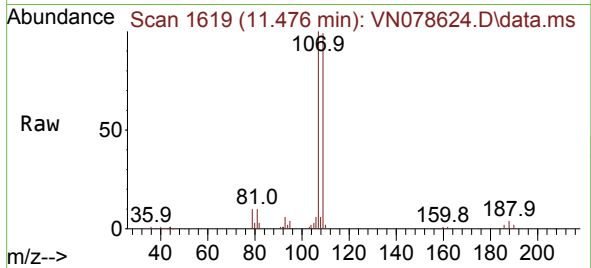




#61
1,2-Dibromoethane
Concen: 20.432 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

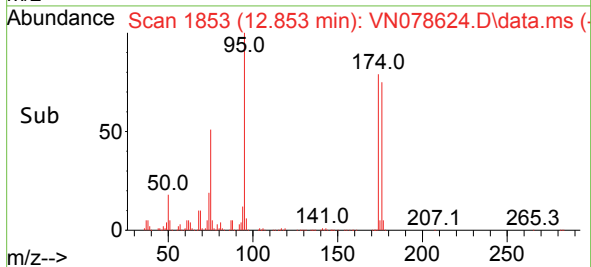
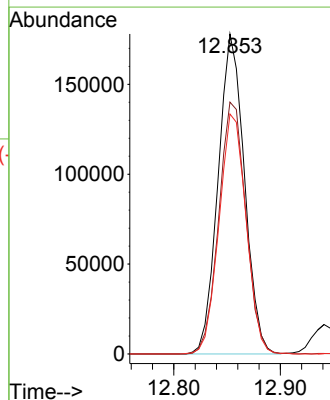
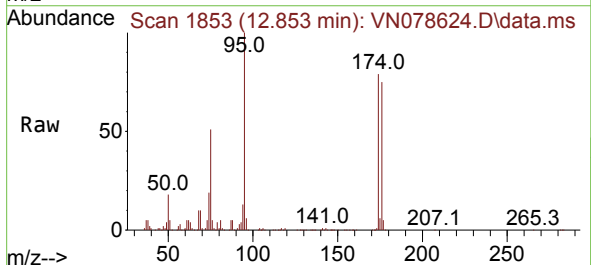
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

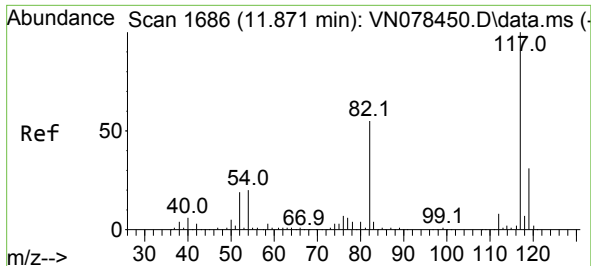
Tgt Ion:107 Resp: 118376
Ion Ratio Lower Upper
107 100
109 95.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.643 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 95 Resp: 304751
Ion Ratio Lower Upper
95 100
174 81.0 0.0 143.8
176 77.2 0.0 135.8

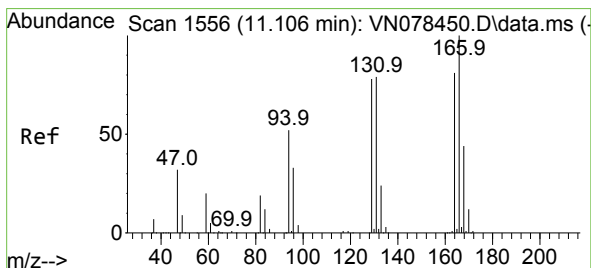
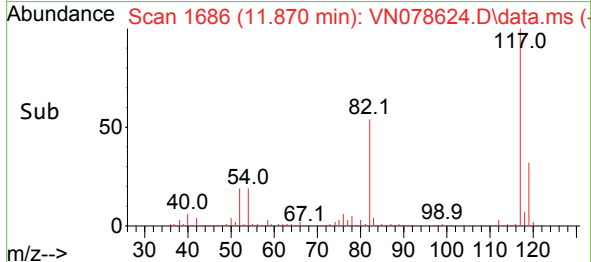
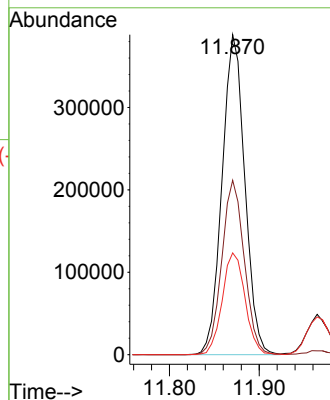
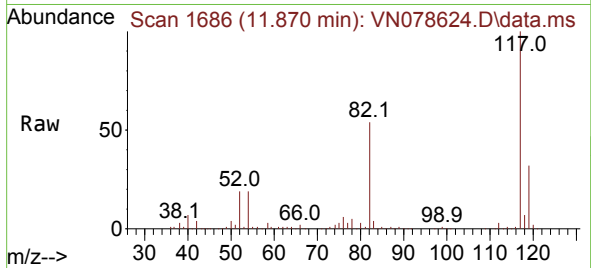




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

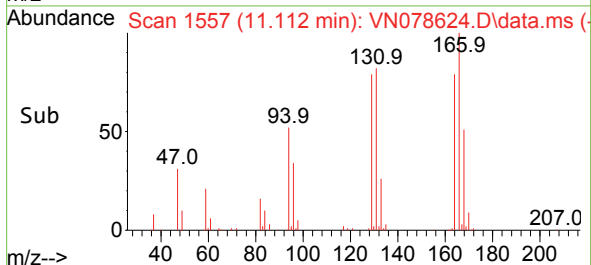
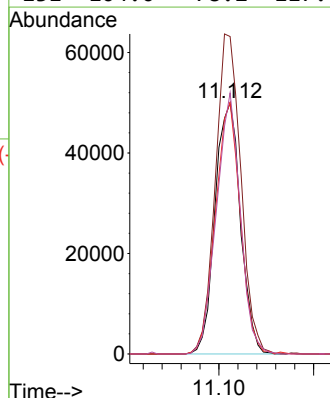
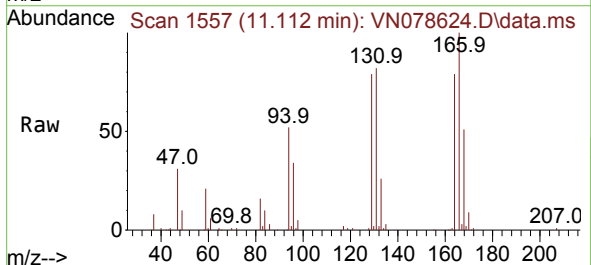
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

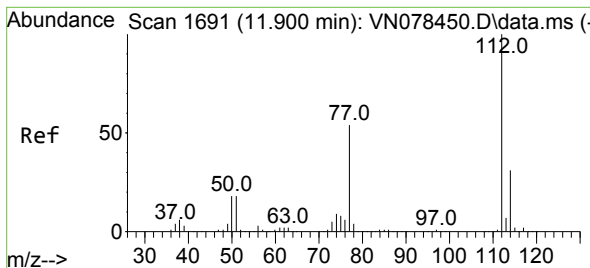
Tgt Ion:117 Resp: 683314
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 18.095 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion:164 Resp: 92959
Ion Ratio Lower Upper
164 100
166 126.4 101.4 152.0
129 100.1 82.4 123.6
131 104.0 78.2 117.4

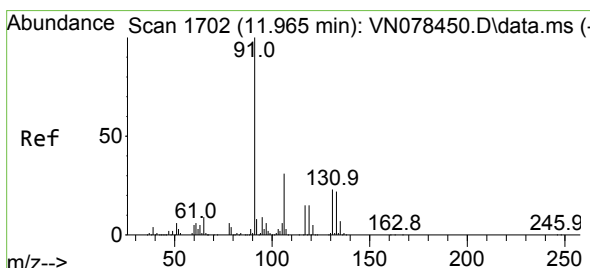
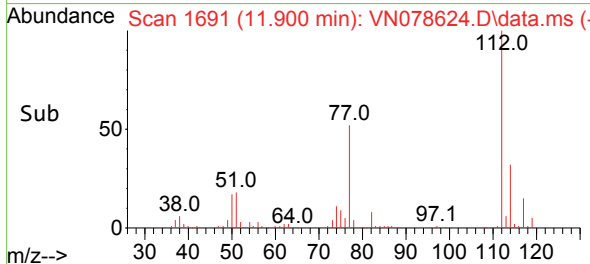
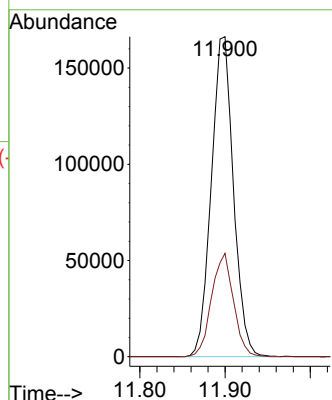
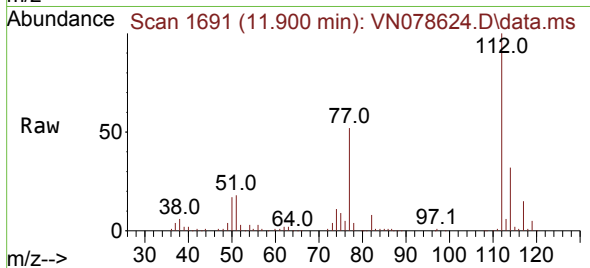




#65
Chlorobenzene
Concen: 19.639 ug/l
RT: 11.900 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

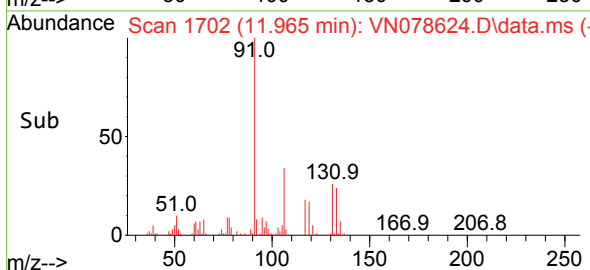
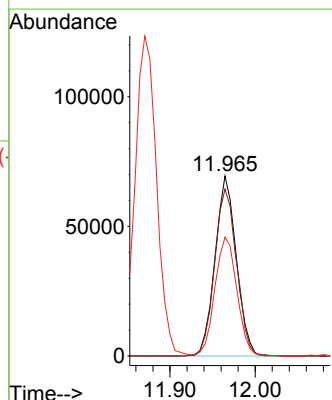
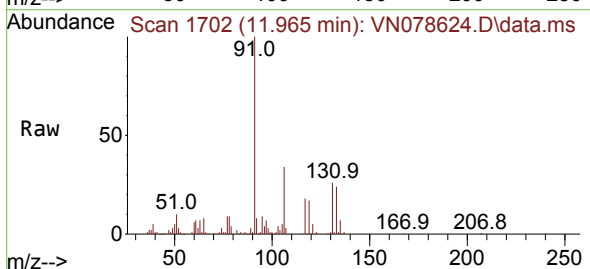
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

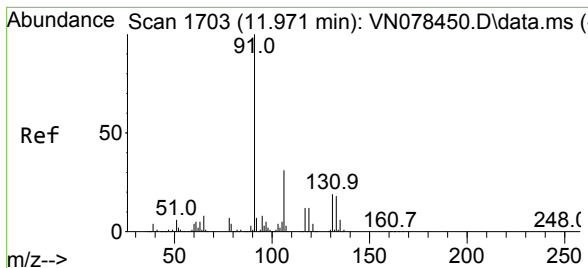
Tgt Ion:112 Resp: 299959
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.552 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion:131 Resp: 120757
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 68.0 34.1 102.2

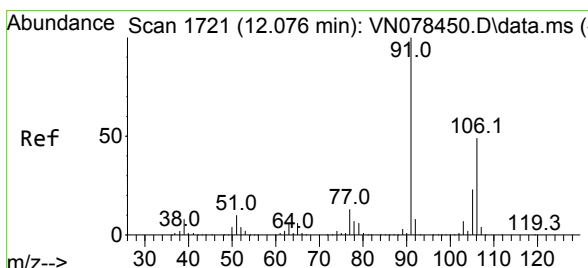
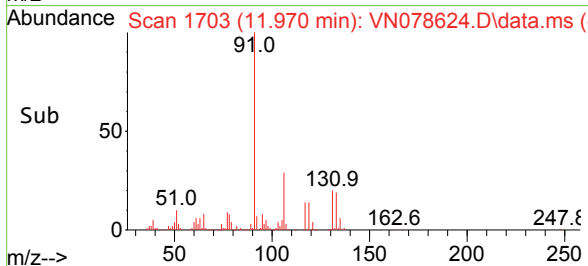
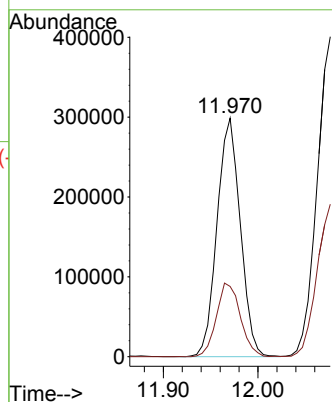
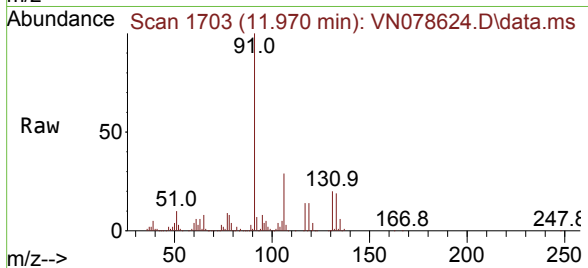




#67
Ethyl Benzene
Concen: 19.743 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

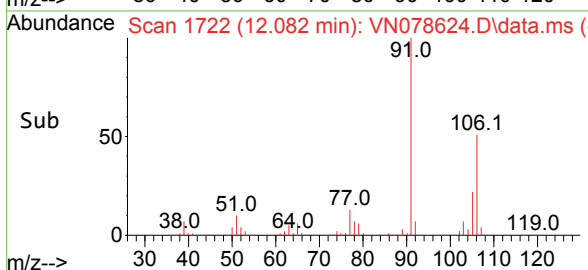
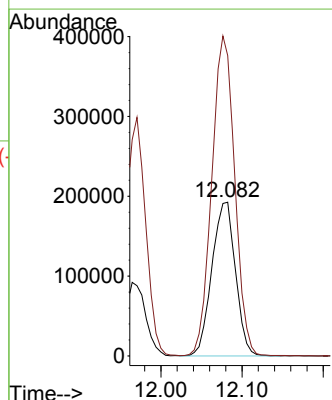
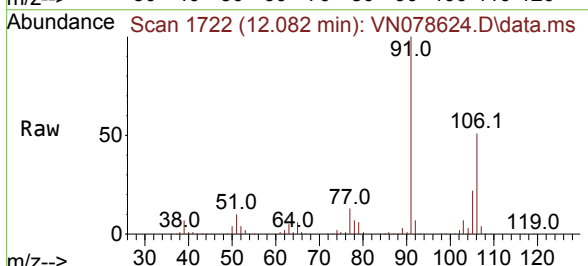
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

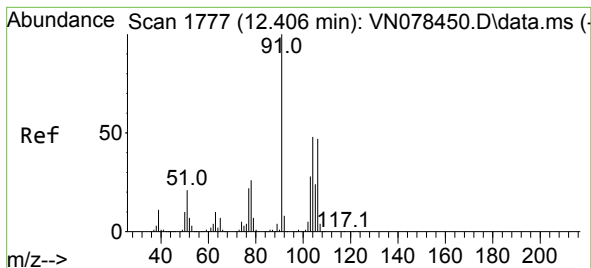
Tgt Ion: 91 Resp: 509714
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4



#68
m/p-Xylenes
Concen: 40.707 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 106 Resp: 388567
Ion Ratio Lower Upper
106 100
91 203.3 159.6 239.4





#69

o-Xylene

Concen: 20.339 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

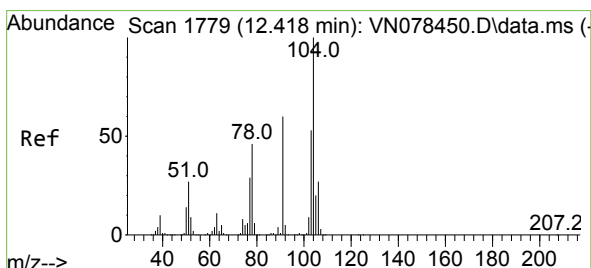
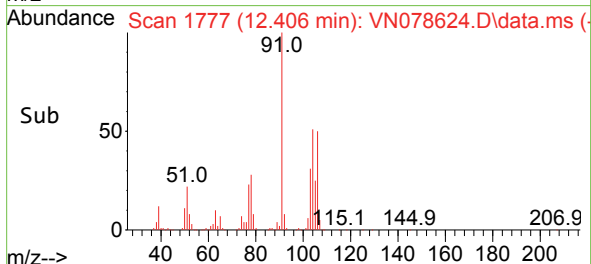
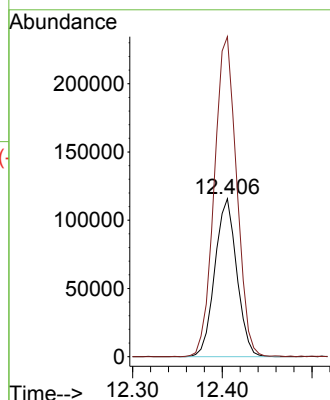
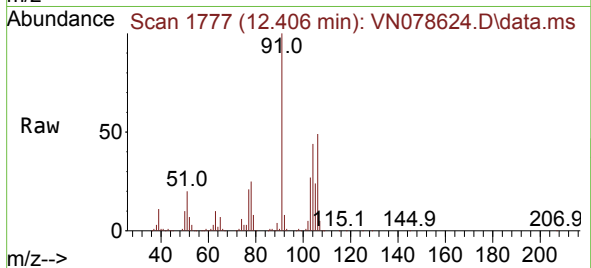
VN0721MBS01

Tgt Ion:106 Resp: 196099

Ion Ratio Lower Upper

106 100

91 207.4 105.2 315.5



#70

Styrene

Concen: 20.106 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.001 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

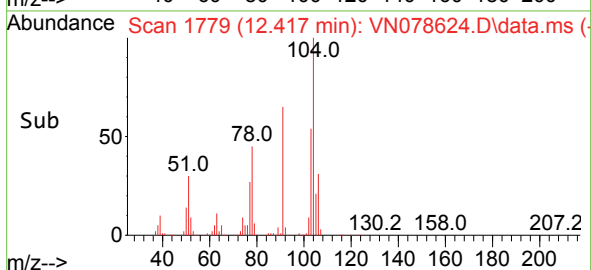
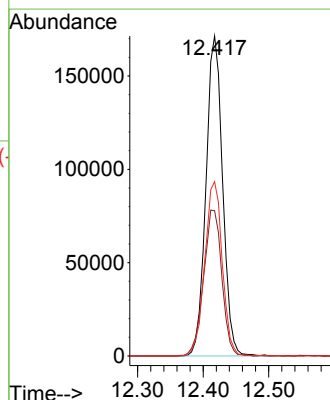
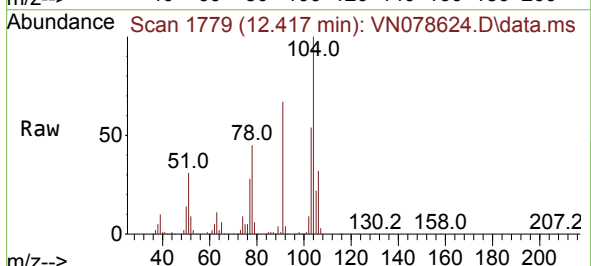
Tgt Ion:104 Resp: 303273

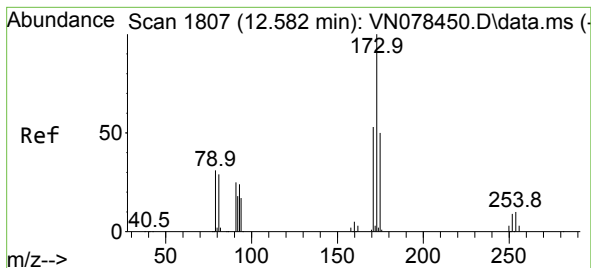
Ion Ratio Lower Upper

104 100

78 49.9 39.5 59.3

103 57.3 43.2 64.8





#71

Bromoform

Concen: 21.032 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBSD01

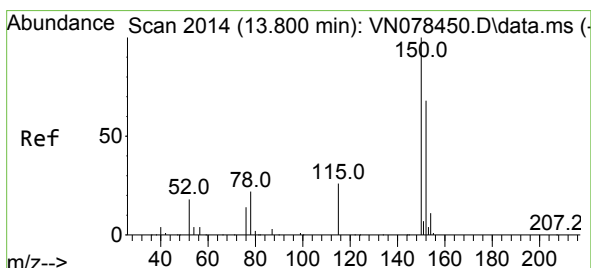
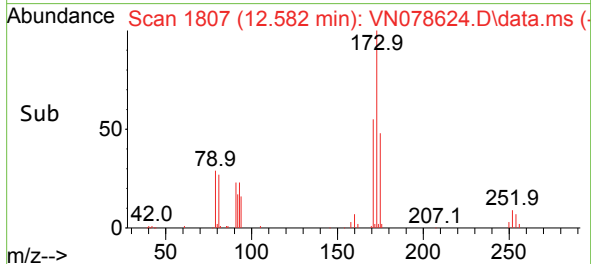
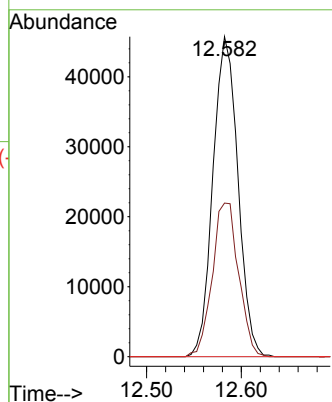
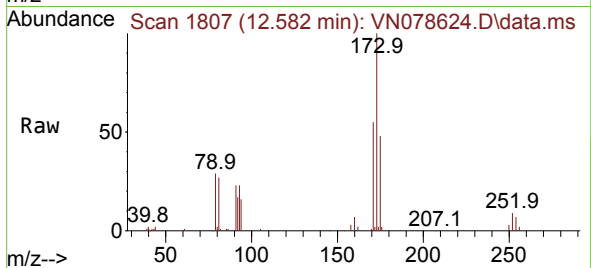
Tgt Ion:173 Resp: 83696

Ion Ratio Lower Upper

173 100

175 50.6 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: VN078624.D

Acq: 21 Jul 2023 19:26

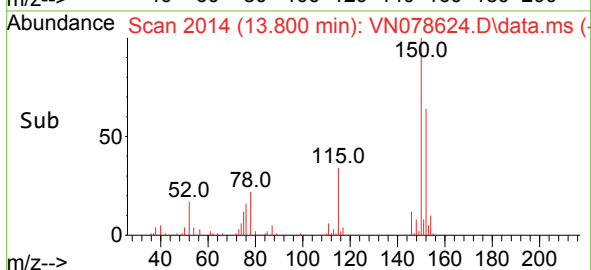
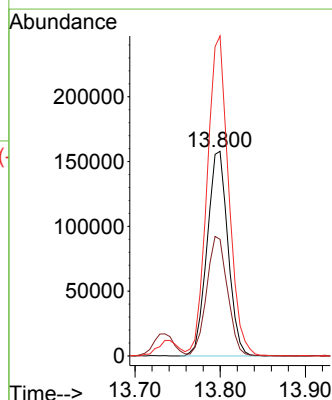
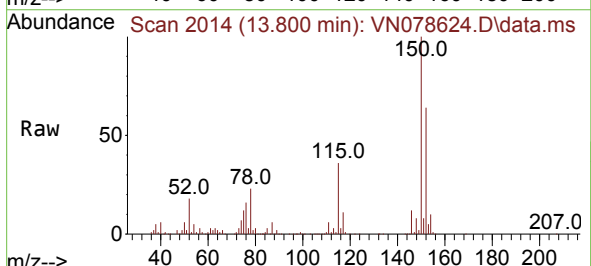
Tgt Ion:152 Resp: 268358

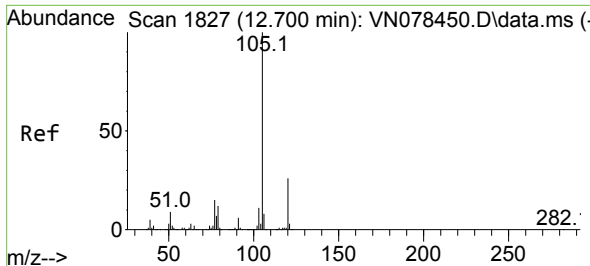
Ion Ratio Lower Upper

152 100

115 58.6 32.3 96.8

150 161.2 0.0 355.8

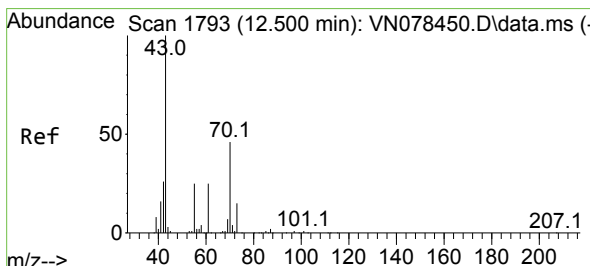
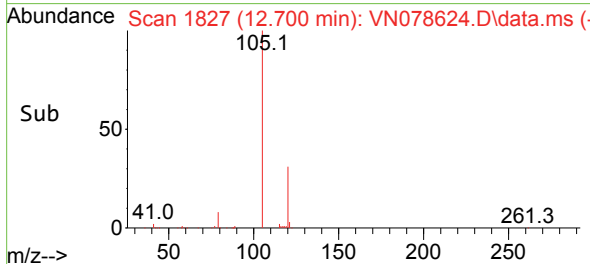
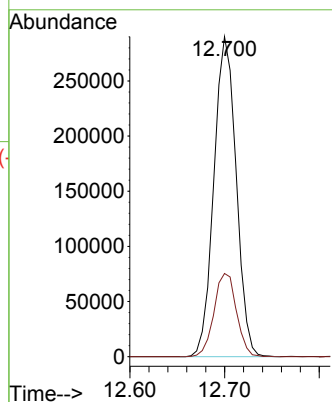
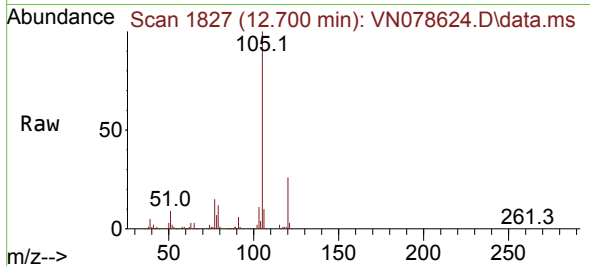




#73
Isopropylbenzene
Concen: 18.820 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

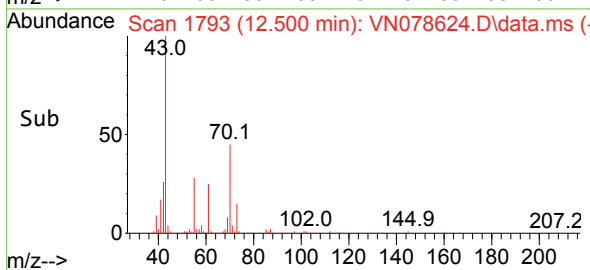
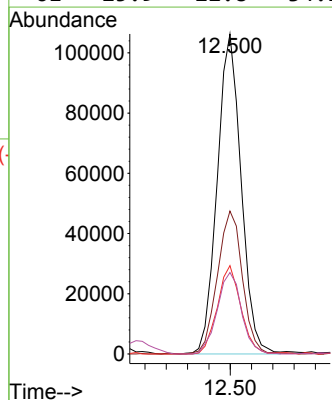
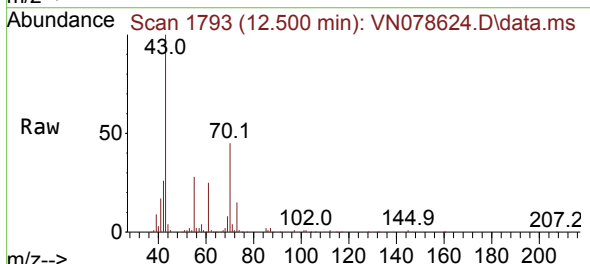
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

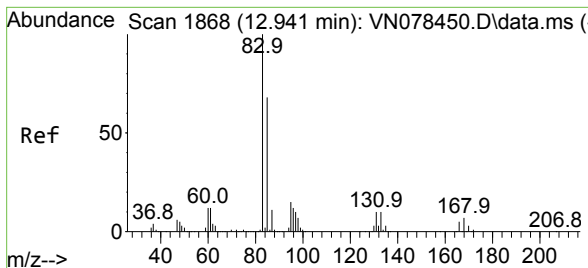
Tgt Ion:105 Resp: 474563
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 19.064 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 43 Resp: 165661
Ion Ratio Lower Upper
43 100
70 46.7 43.4 65.2
55 27.1 21.4 32.0
61 25.9 22.8 34.2

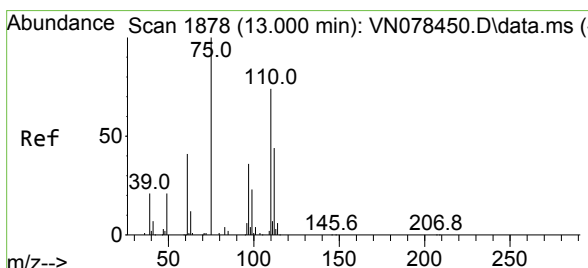
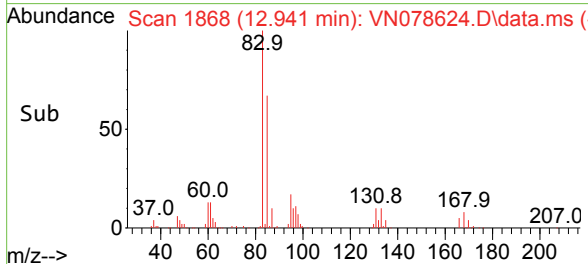
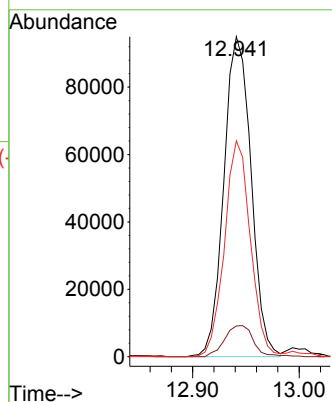
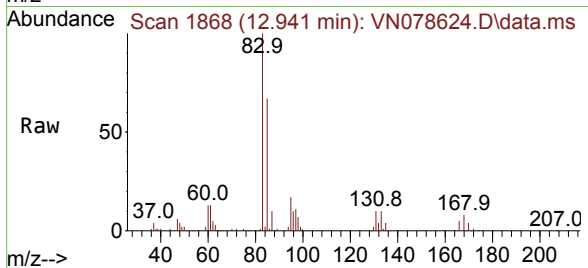




#75
1,1,2,2-Tetrachloroethane
Concen: 22.202 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

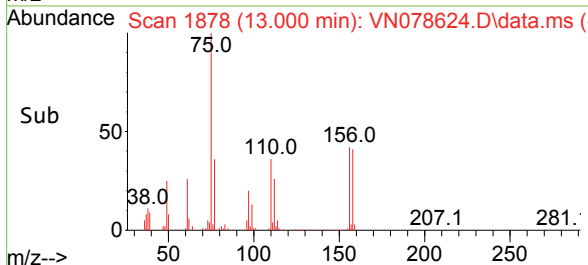
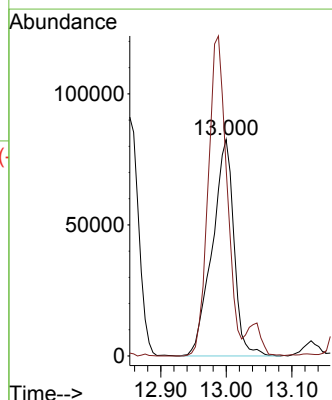
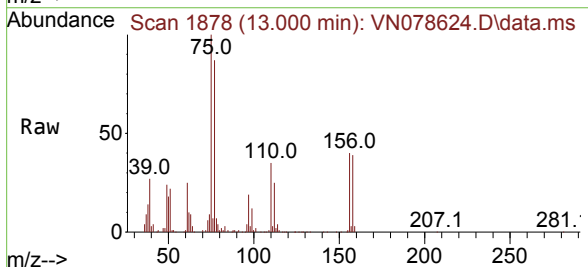
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

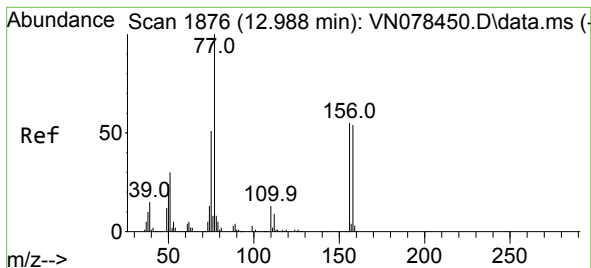
Tgt Ion: 83 Resp: 168493
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 29.236 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 75 Resp: 189641
Ion Ratio Lower Upper
75 100
77 127.4 84.5 253.5





#77

Bromobenzene

Concen: 20.794 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBSD01

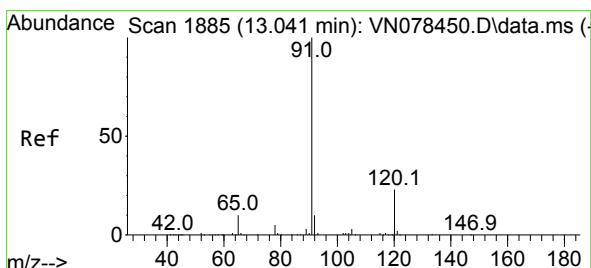
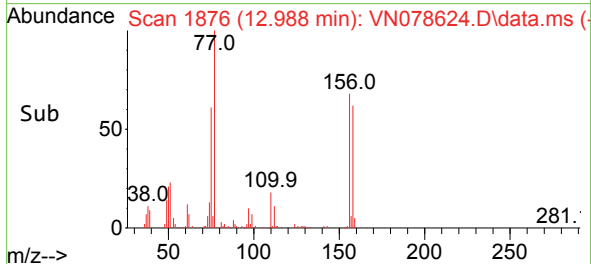
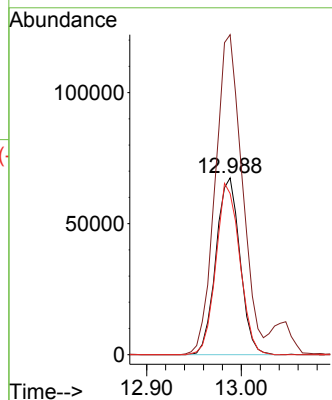
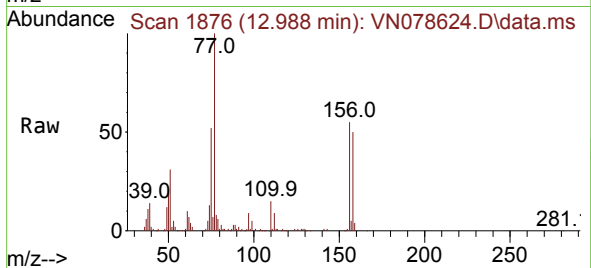
Tgt Ion:156 Resp: 118974

Ion Ratio Lower Upper

156 100

77 203.0 107.7 323.3

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 19.105 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078624.D

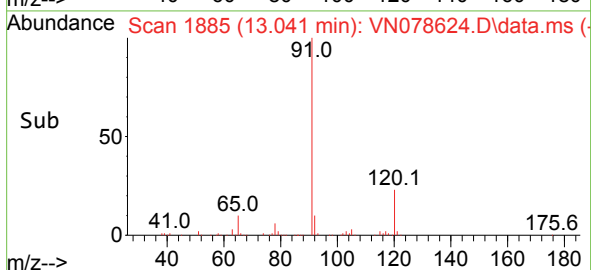
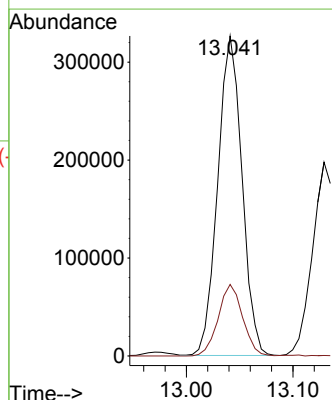
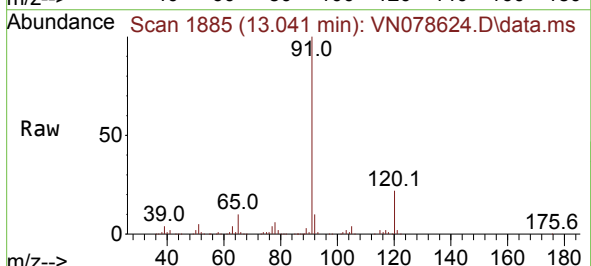
Acq: 21 Jul 2023 19:26

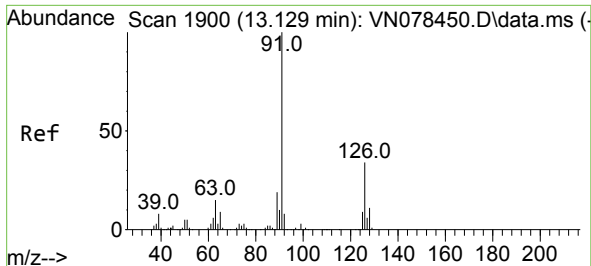
Tgt Ion: 91 Resp: 515216

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

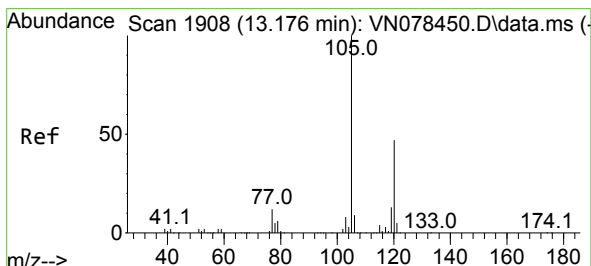
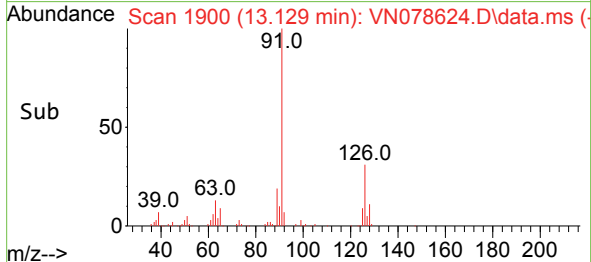
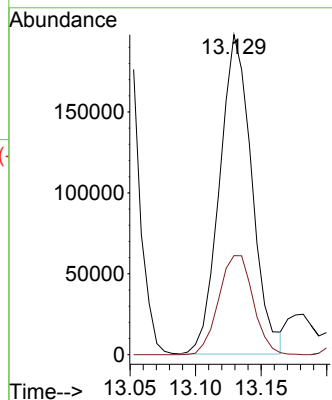
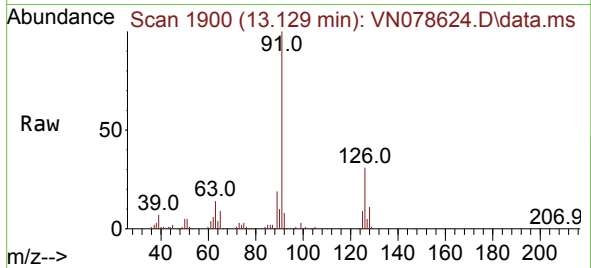




#79
2-Chlorotoluene
Concen: 19.121 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

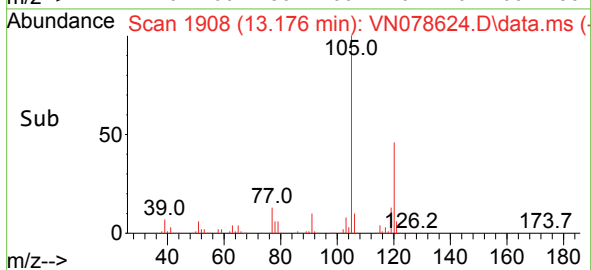
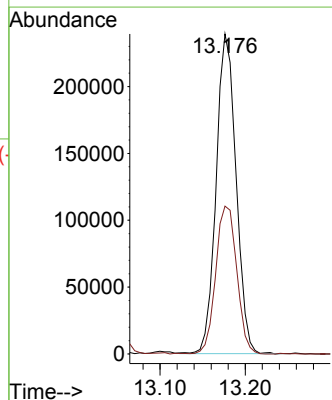
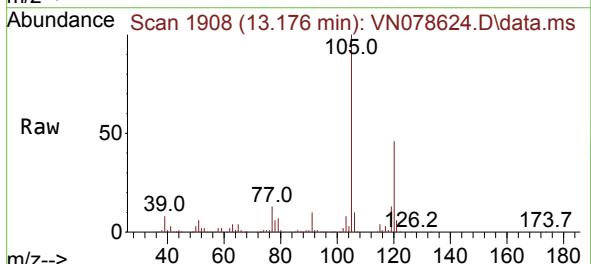
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBSD01

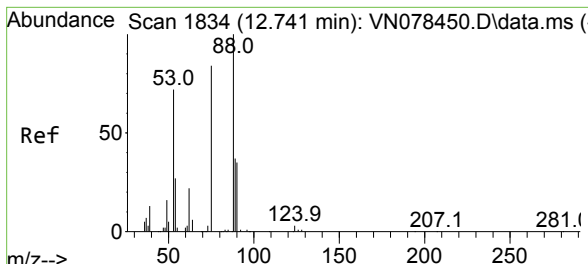
Tgt Ion: 91 Resp: 337754
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.471 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078624.D
Acq: 21 Jul 2023 19:26

Tgt Ion: 105 Resp: 387946
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3

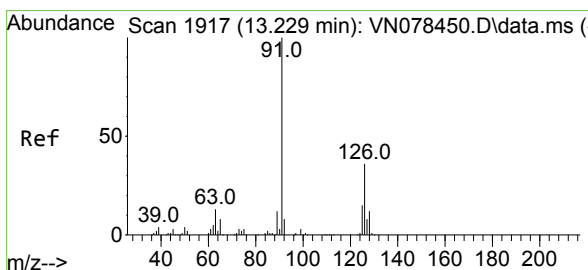
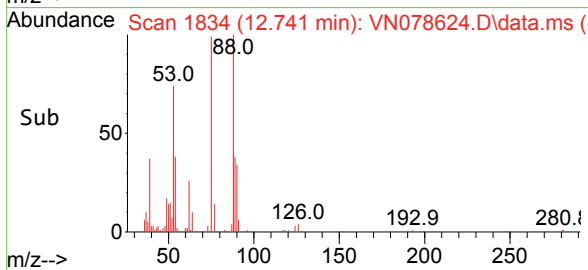
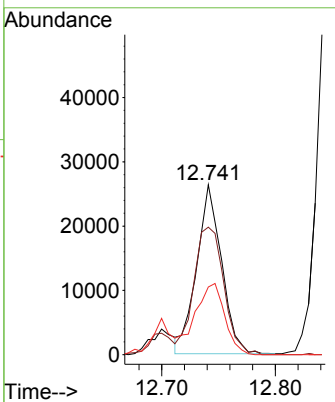
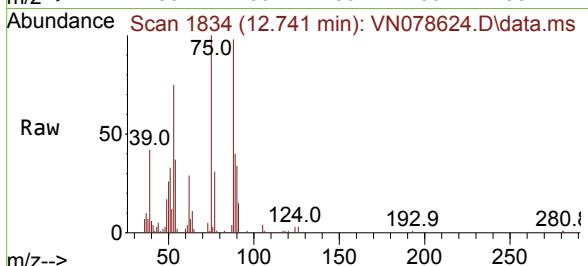




#81
 trans-1,4-Dichloro-2-butene
 Concen: 16.193 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. -0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

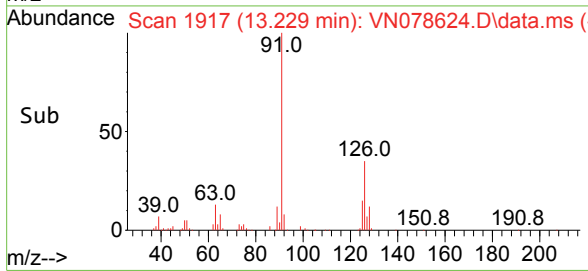
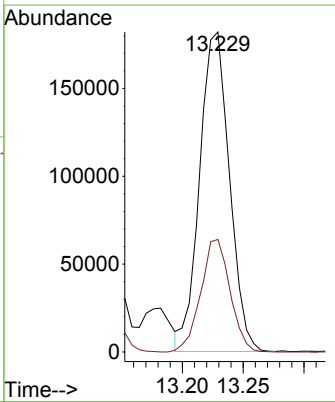
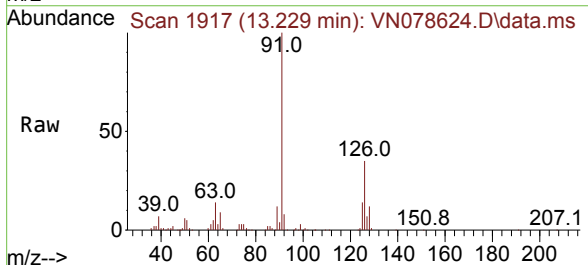
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBSD01

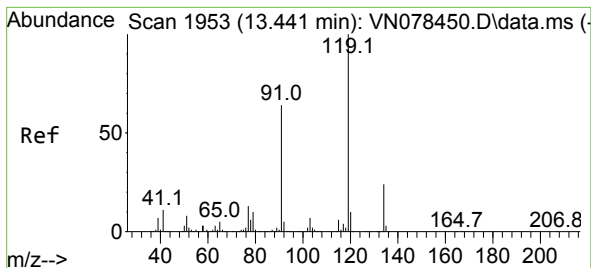
Tgt Ion:	75	Resp:	39970
Ion Ratio	Lower	Upper	
75	100		
53	91.7	67.4	101.2
89	50.5	38.8	58.2



#82
 4-Chlorotoluene
 Concen: 18.828 ug/l
 RT: 13.229 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

Tgt Ion:	91	Resp:	310250
Ion Ratio	Lower	Upper	
91	100		
126	34.6	16.7	50.0

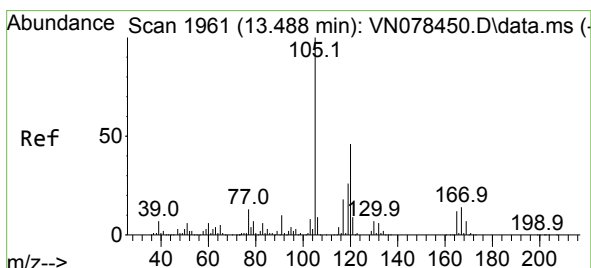
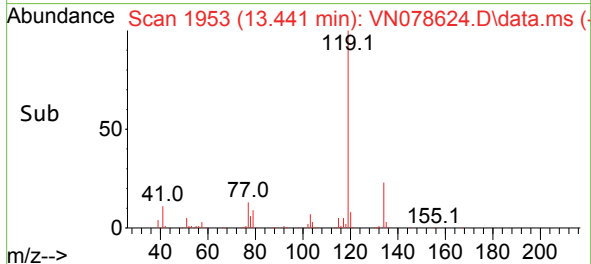
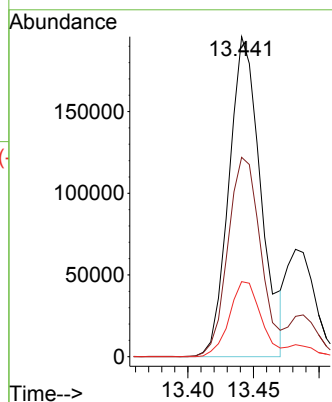
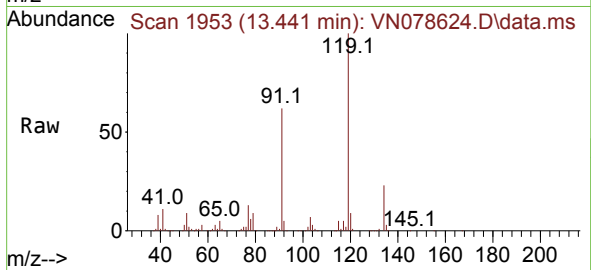




#83
 tert-Butylbenzene
 Concen: 19.583 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

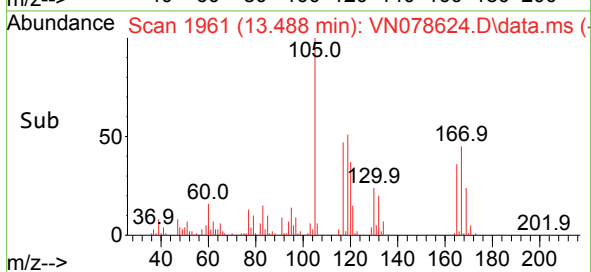
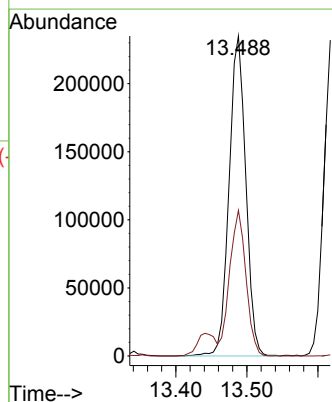
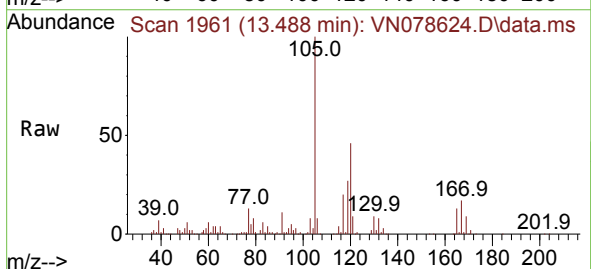
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBSD01

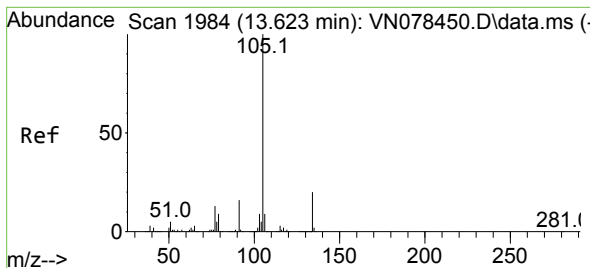
Tgt Ion:119 Resp: 331260
 Ion Ratio Lower Upper
 119 100
 91 64.3 33.9 101.7
 134 23.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.848 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

Tgt Ion:105 Resp: 384107
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.0 66.0

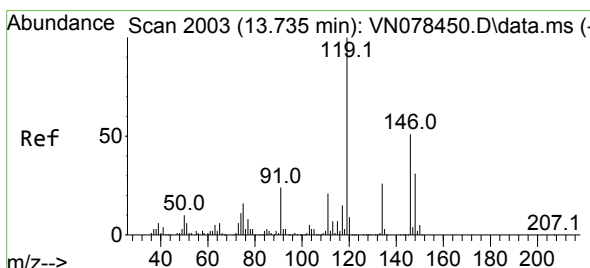
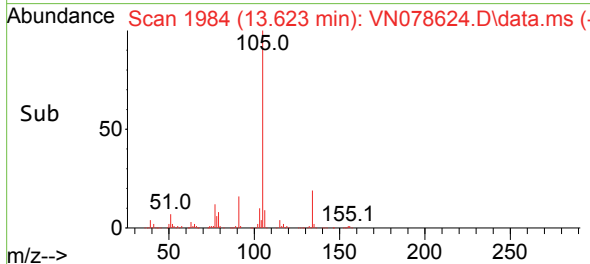
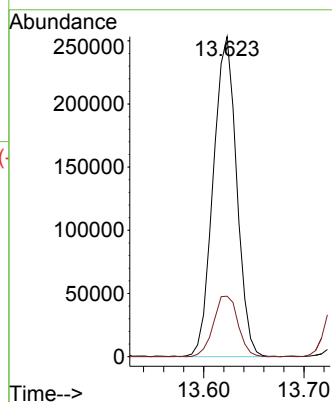
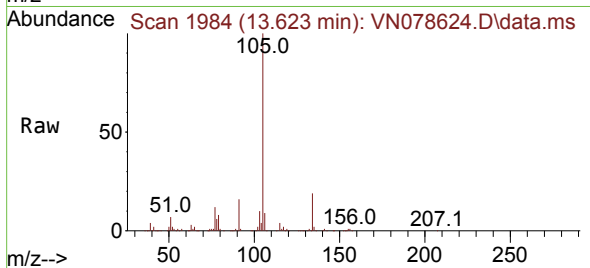




#85
 sec-Butylbenzene
 Concen: 19.228 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

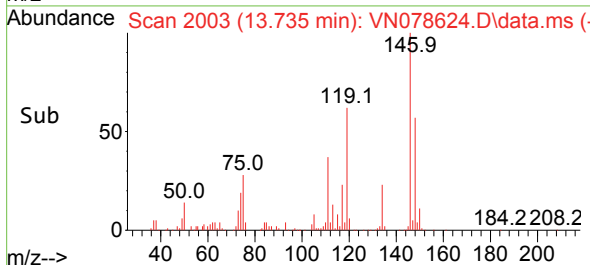
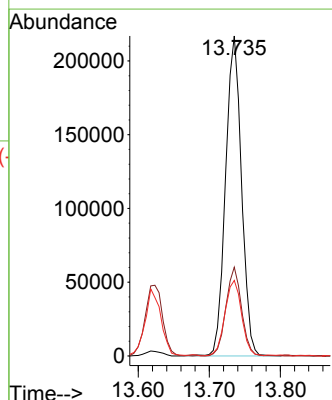
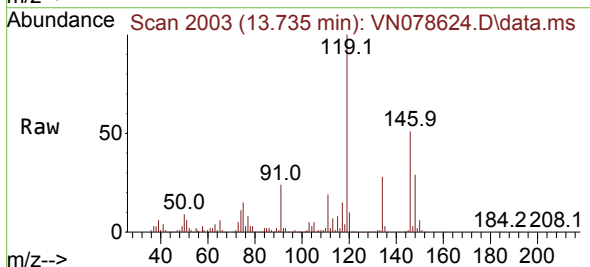
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBSD01

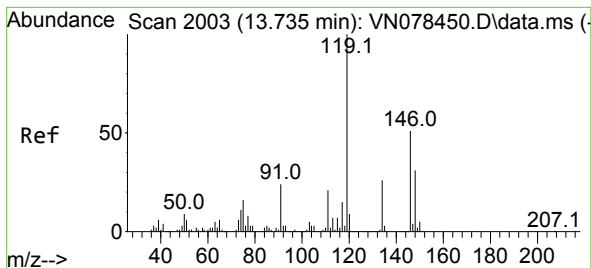
Tgt Ion:105 Resp: 411119
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.669 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

Tgt Ion:119 Resp: 337682
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.6 37.8
 91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.993 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBS01

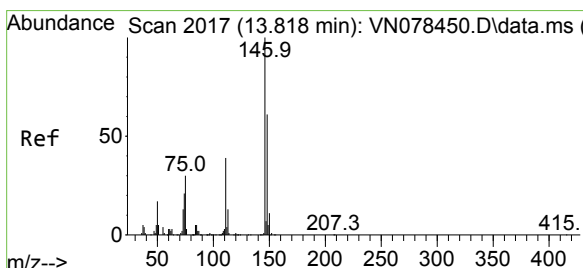
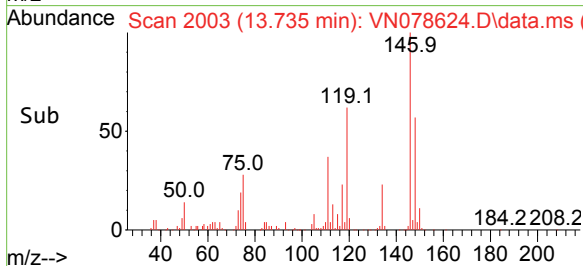
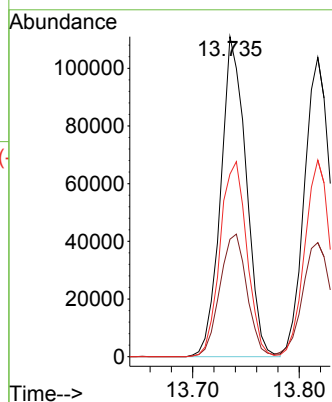
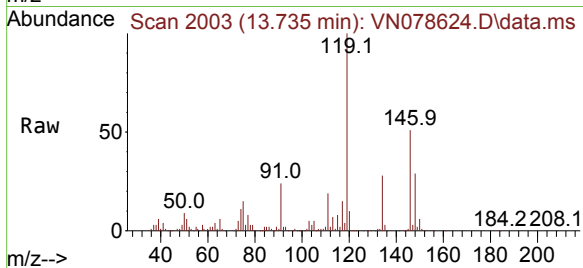
Tgt Ion:146 Resp: 183856

Ion Ratio Lower Upper

146 100

111 40.9 22.1 66.3

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.198 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

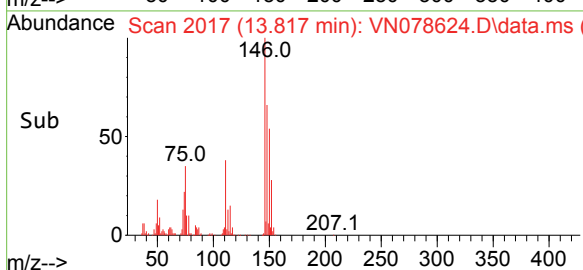
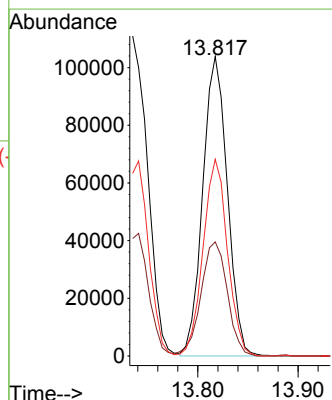
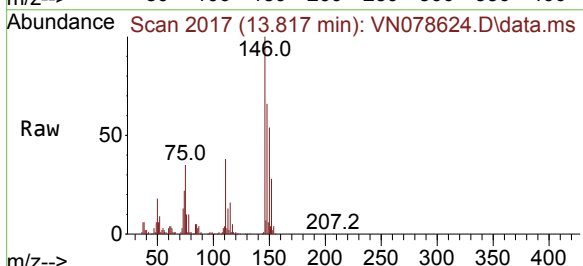
Tgt Ion:146 Resp: 177435

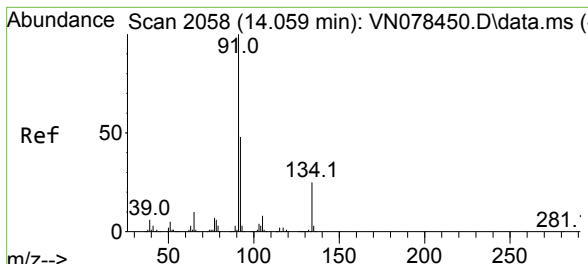
Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

148 65.1 31.6 94.8

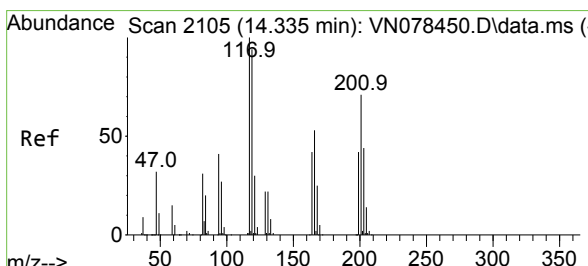
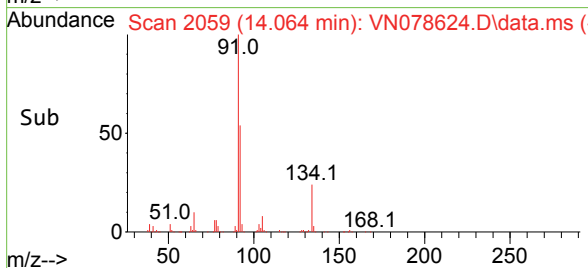
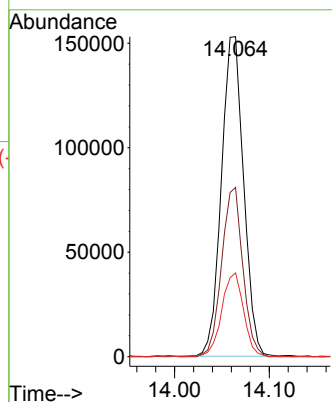
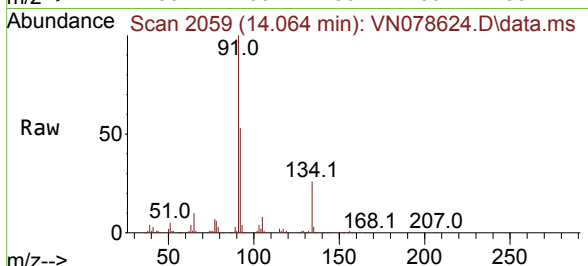




#89
 n-Butylbenzene
 Concen: 20.334 ug/l
 RT: 14.064 min Scan# 2059
 Delta R.T. 0.005 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

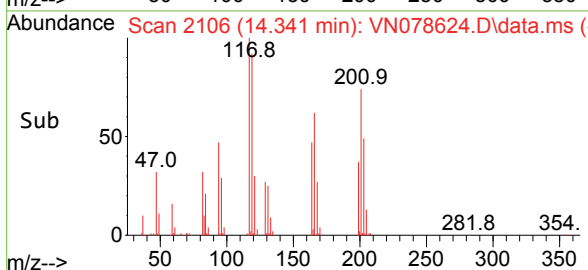
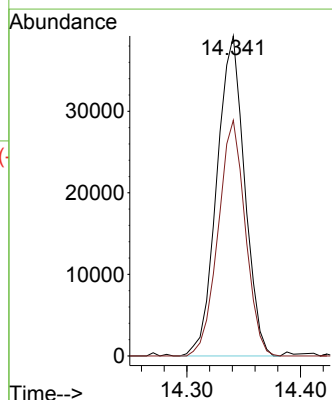
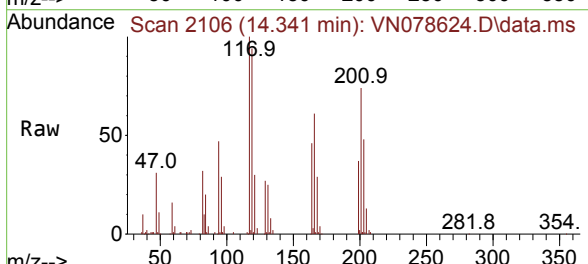
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBSD01

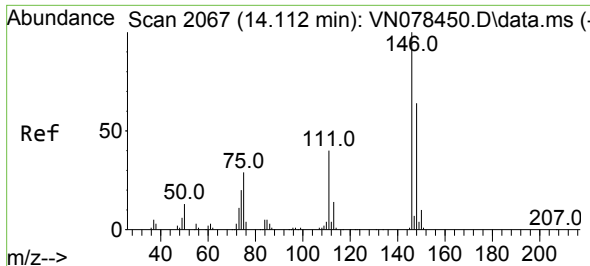
Tgt Ion:	91	Resp:	249782
Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.4	79.0
134	25.8	12.6	37.6



#90
 Hexachloroethane
 Concen: 20.635 ug/l
 RT: 14.341 min Scan# 2106
 Delta R.T. 0.006 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

Tgt Ion:	117	Resp:	66626
Ion	Ratio	Lower	Upper
117	100		
201	71.9	29.3	88.0

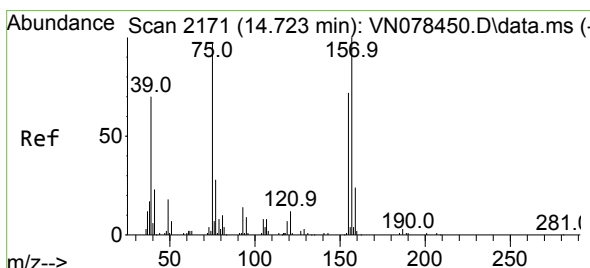
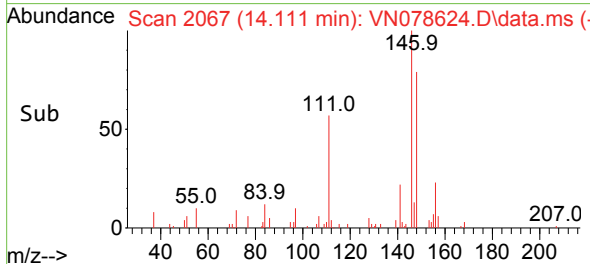
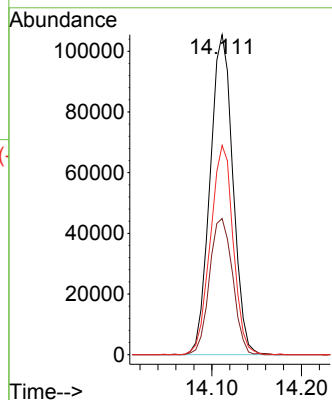
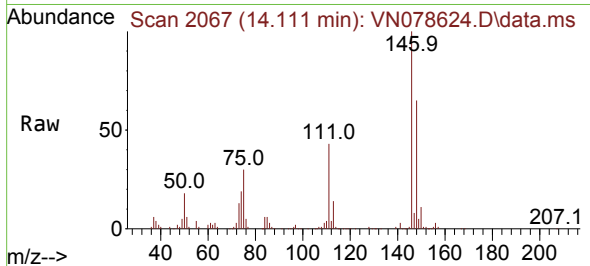




#91
 1,2-Dichlorobenzene
 Concen: 19.333 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. -0.001 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

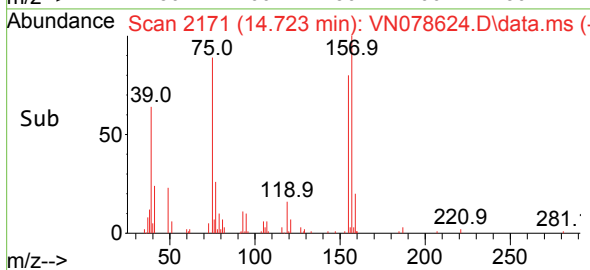
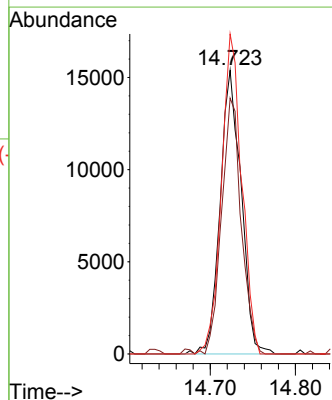
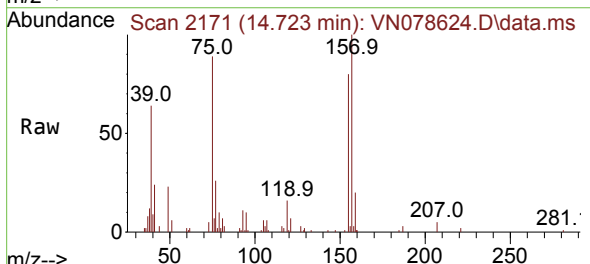
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBS01

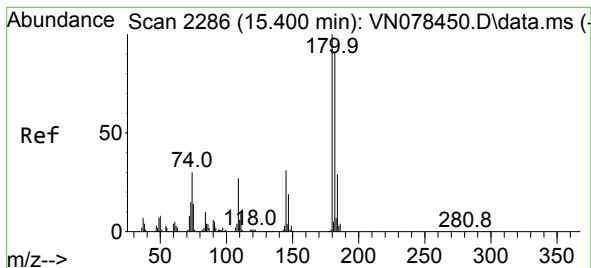
Tgt Ion:146 Resp: 186248
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.0 66.0
 148 65.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.691 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078624.D
 Acq: 21 Jul 2023 19:26

Tgt Ion: 75 Resp: 26336
 Ion Ratio Lower Upper
 75 100
 155 84.9 39.1 117.2
 157 109.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.045 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBSD01

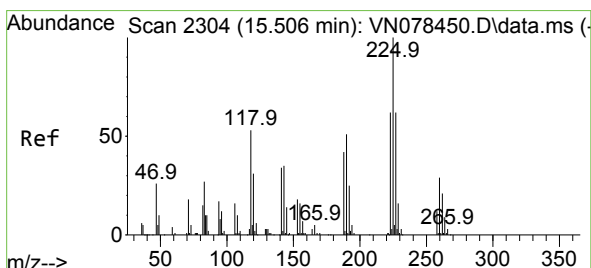
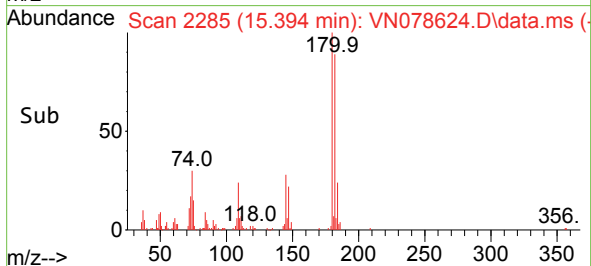
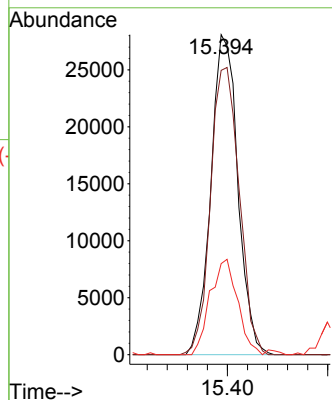
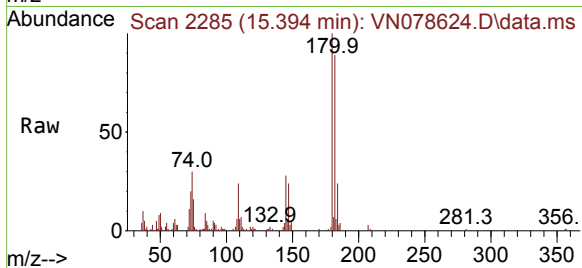
Tgt Ion:180 Resp: 52408

Ion Ratio Lower Upper

180 100

182 95.3 46.1 138.2

145 30.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 21.369 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

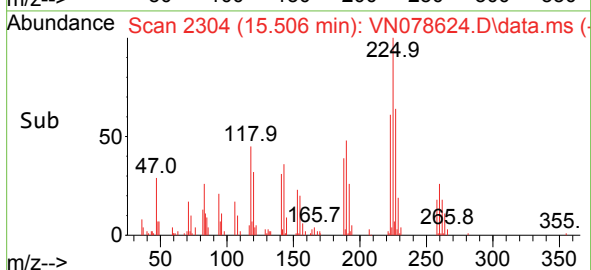
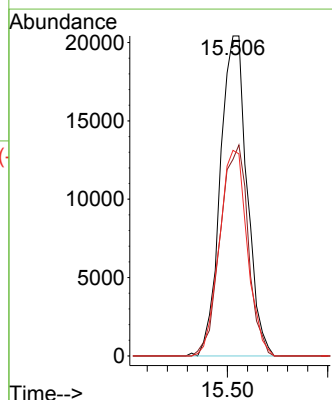
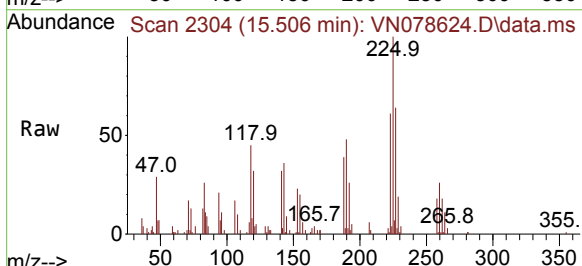
Tgt Ion:225 Resp: 37759

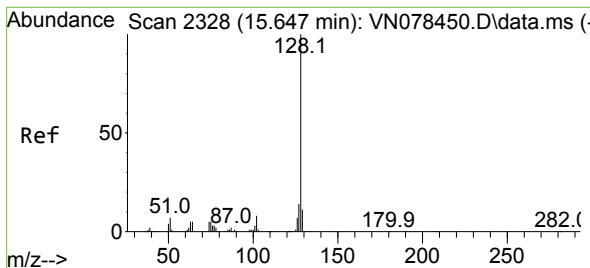
Ion Ratio Lower Upper

225 100

223 68.7 31.3 93.8

227 67.1 31.9 95.9





#95

Naphthalene

Concen: 14.803 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBSD01

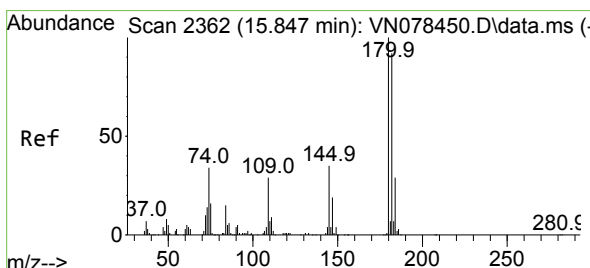
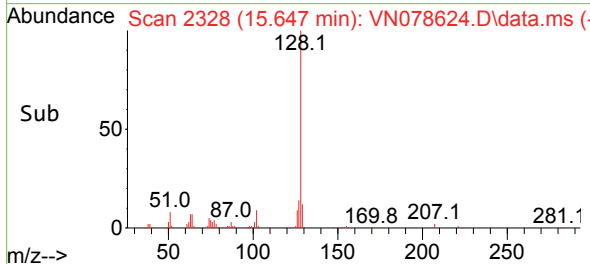
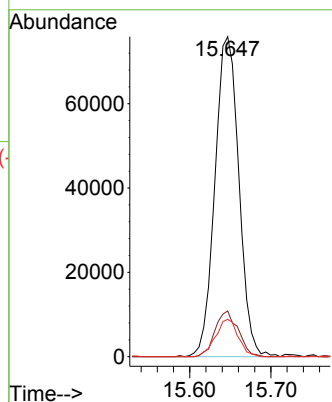
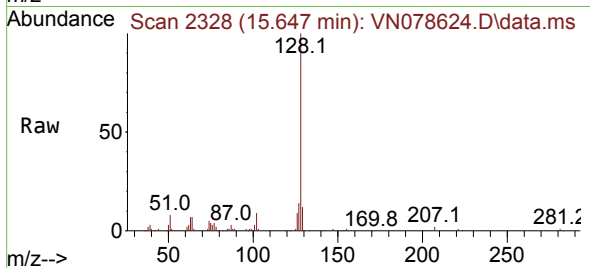
Tgt Ion:128 Resp: 155595

Ion Ratio Lower Upper

128 100

127 13.8 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.630 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078624.D

Acq: 21 Jul 2023 19:26

Tgt Ion:180 Resp: 62329

Ion Ratio Lower Upper

180 100

182 94.7 46.2 138.6

145 33.9 17.5 52.6

