

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079221.D
 Acq On : 11 Sep 2023 16:54
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 05:19:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	158518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	260221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	241991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	111412	52.066	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.140%	
35) Dibromofluoromethane	8.171	113	91923	53.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.220%	
50) Toluene-d8	10.571	98	356922	56.157	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.320%	
62) 4-Bromofluorobenzene	12.853	95	119936	59.159	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	74859	47.728	ug/l	100
3) Chloromethane	2.365	50	93070	45.202	ug/l	97
4) Vinyl Chloride	2.512	62	107965	48.124	ug/l	100
5) Bromomethane	2.924	94	57453	44.553	ug/l	98
6) Chloroethane	3.106	64	74028	51.622	ug/l	98
7) Trichlorofluoromethane	3.489	101	155355	47.290	ug/l	100
8) Diethyl Ether	3.959	74	58003	50.868	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.365	101	83982	48.069	ug/l	96
10) Methyl Iodide	4.589	142	82399	57.656	ug/l	96
11) Tert butyl alcohol	5.524	59	85190	215.638	ug/l	99
12) 1,1-Dichloroethene	4.336	96	85874	50.793	ug/l	90
13) Acrolein	4.177	56	82771	219.642	ug/l	95
14) Allyl chloride	5.024	41	129126	47.878	ug/l	92
15) Acrylonitrile	5.718	53	250106	244.154	ug/l	99
16) Acetone	4.430	43	236342	260.059	ug/l	99
17) Carbon Disulfide	4.712	76	236484	44.755	ug/l	100
18) Methyl Acetate	5.024	43	175860	47.083	ug/l #	87
19) Methyl tert-butyl Ether	5.795	73	294786	50.840	ug/l	92
20) Methylene Chloride	5.277	84	103737	46.906	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	96536	49.222	ug/l #	81
22) Diisopropyl ether	6.677	45	312110	52.743	ug/l #	90
23) Vinyl Acetate	6.606	43	963681	264.764	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	184089	50.464	ug/l	100
25) 2-Butanone	7.489	43	341961	259.336	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	159253	53.199	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	114379	51.004	ug/l	92
28) Bromochloromethane	7.818	49	86288	52.317	ug/l	83
29) Tetrahydrofuran	7.841	42	215583	256.912	ug/l #	80
30) Chloroform	7.971	83	192015	50.556	ug/l	95
31) Cyclohexane	8.265	56	148905	47.658	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	164849	50.917	ug/l	97
36) 1,1-Dichloropropene	8.377	75	140557	52.682	ug/l	97
37) Ethyl Acetate	7.565	43	134122	50.400	ug/l #	93
38) Carbon Tetrachloride	8.365	117	144512	52.341	ug/l	97
39) Methylcyclohexane	9.606	83	148740	56.517	ug/l #	88
40) Benzene	8.612	78	428753	52.495	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	76119	56.730	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	141685	50.390	ug/l	99
43) Isopropyl Acetate	8.694	43	223126	51.386	ug/l #	93
44) Trichloroethene	9.359	130	104641	52.008	ug/l	99
45) 1,2-Dichloropropane	9.630	63	110387	54.459	ug/l	99
46) Dibromomethane	9.712	93	74538	54.169	ug/l	92
47) Bromodichloromethane	9.888	83	149843	53.166	ug/l	98
48) Methyl methacrylate	9.683	41	104009	53.477	ug/l	83
49) 1,4-Dioxane	9.700	88	43474	1086.740	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	681278	270.284	ug/l	94
52) Toluene	10.635	92	273399	54.469	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	166780	56.121	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	177951	55.985	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	104954	53.289	ug/l	98
56) Ethyl methacrylate	10.877	69	166494	59.885	ug/l #	88
57) 1,3-Dichloropropane	11.171	76	182656	53.648	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	272175	234.486	ug/l	92
59) 2-Hexanone	11.200	43	507015	277.718	ug/l	93
60) Dibromochloromethane	11.365	129	114276	54.518	ug/l	98
61) 1,2-Dibromoethane	11.477	107	107767	54.829	ug/l	98
64) Tetrachloroethene	11.106	164	87399	49.531	ug/l	96
65) Chlorobenzene	11.894	112	282622	51.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	106950	52.026	ug/l	97
67) Ethyl Benzene	11.971	91	521541	55.620	ug/l	98
68) m/p-Xylenes	12.076	106	391012	111.875	ug/l	96
69) o-Xylene	12.400	106	189444	56.516	ug/l	96
70) Styrene	12.418	104	320362	59.424	ug/l	99
71) Bromoform	12.582	173	81846	53.932	ug/l #	99
73) Isopropylbenzene	12.700	105	476782	49.062	ug/l	100
74) N-amyl acetate	12.500	43	185418	50.291	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	154919	42.810	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	191834	66.639	ug/l	70
77) Bromobenzene	12.988	156	116038	47.157	ug/l	98
78) n-propylbenzene	13.041	91	562901	51.564	ug/l	99
79) 2-Chlorotoluene	13.129	91	338546	47.416	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	395821	48.882	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	50365	48.100	ug/l	91
82) 4-Chlorotoluene	13.223	91	340910	50.814	ug/l	99
83) tert-Butylbenzene	13.441	119	334483	49.933	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	396625	51.432	ug/l	100
85) sec-Butylbenzene	13.623	105	460451	49.929	ug/l	100
86) p-Isopropyltoluene	13.735	119	383405	52.038	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	200058	49.569	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	196479	48.177	ug/l	98
89) n-Butylbenzene	14.059	91	315757	54.500	ug/l	100
90) Hexachloroethane	14.341	117	69862	46.693	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	190965	47.930	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26272	47.758	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	76103	53.153	ug/l	98
94) Hexachlorobutadiene	15.506	225	48804	43.331	ug/l	99
95) Naphthalene	15.647	128	209936	49.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	79676	47.176	ug/l	96

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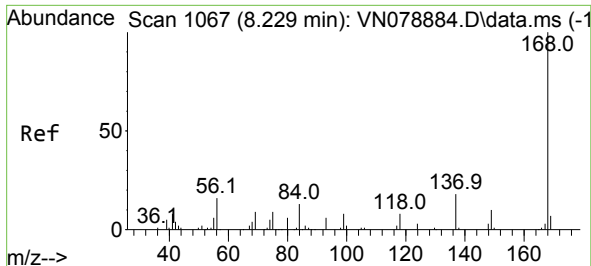
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

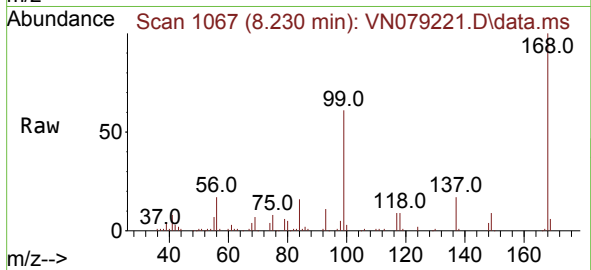
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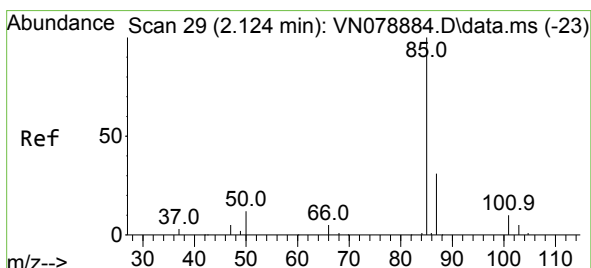
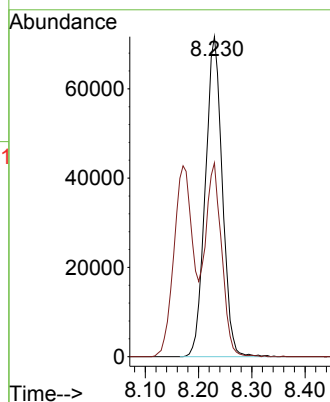
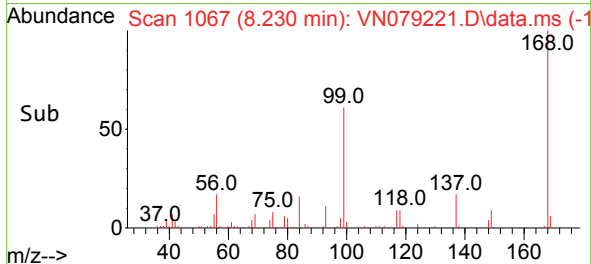


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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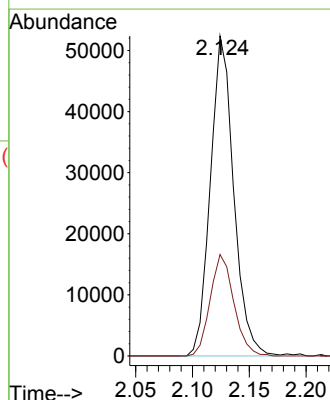
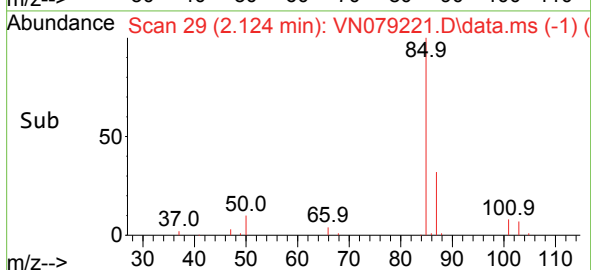
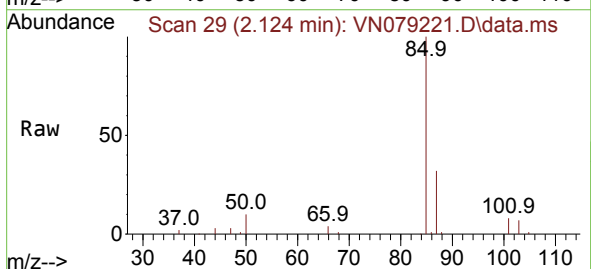


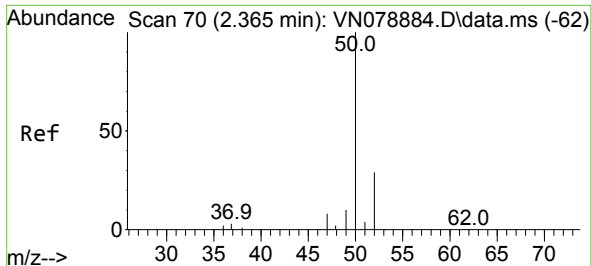
Tgt Ion:168 Resp: 158518
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 47.728 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 85 Resp: 74859
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.4

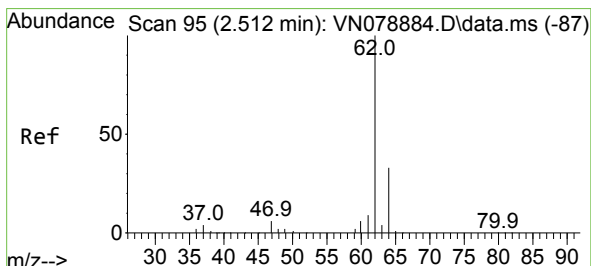
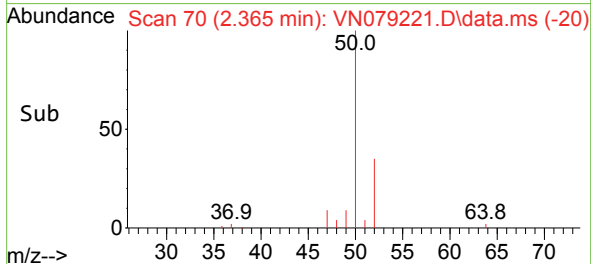
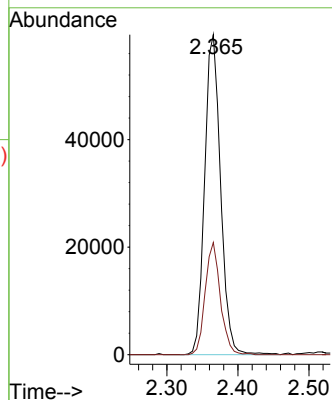
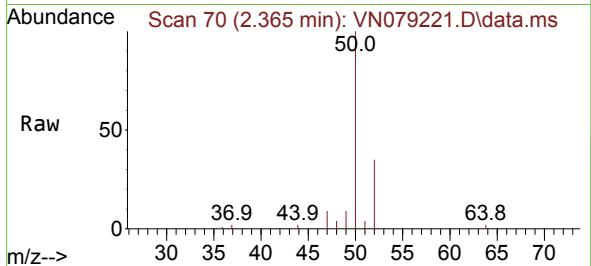




#3
Chloromethane
Concen: 45.202 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

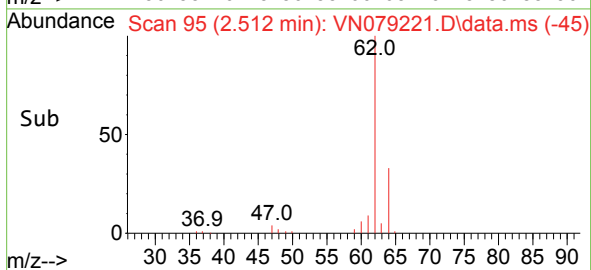
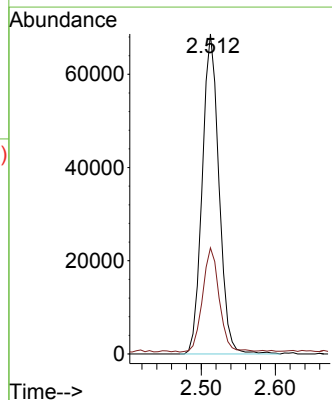
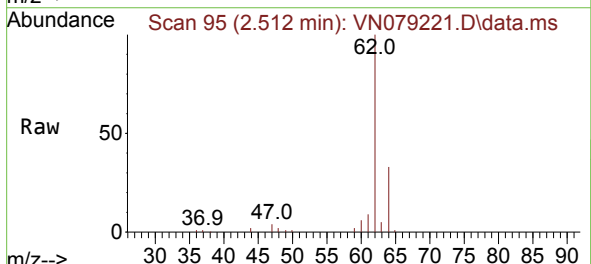
Instrument :
MSVOA_N
ClientSampleId :

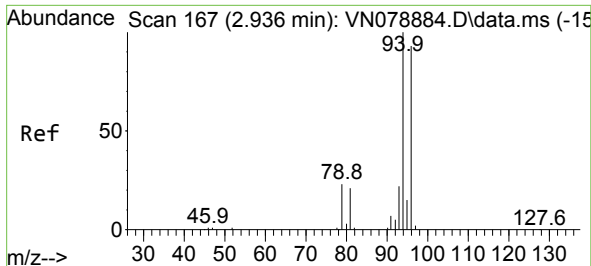
Tgt Ion: 50 Resp: 93070
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7



#4
Vinyl Chloride
Concen: 48.124 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 62 Resp: 107965
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2

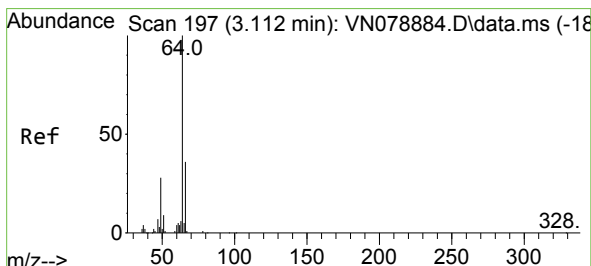
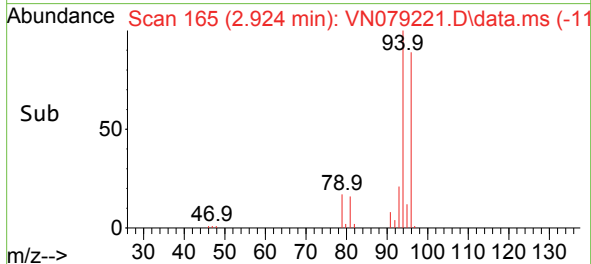
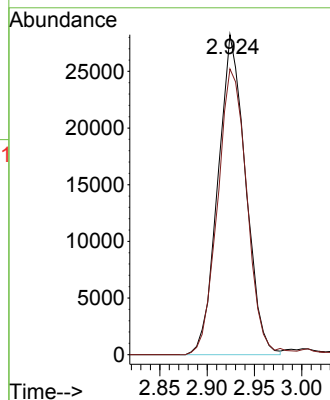
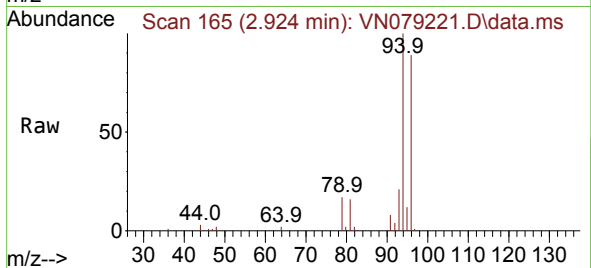




#5
Bromomethane
Concen: 44.553 ug/l
RT: 2.924 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

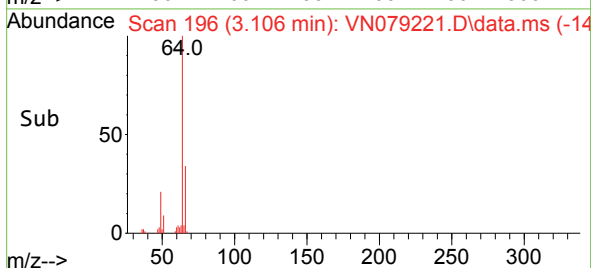
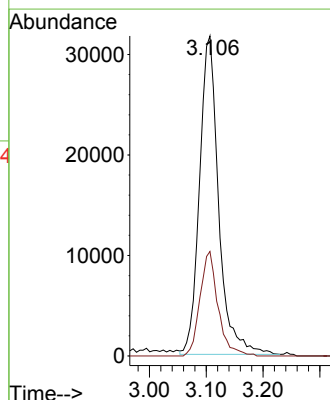
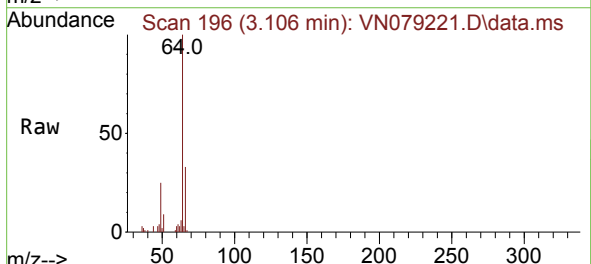
Instrument :
MSVOA_N
ClientSampleId :

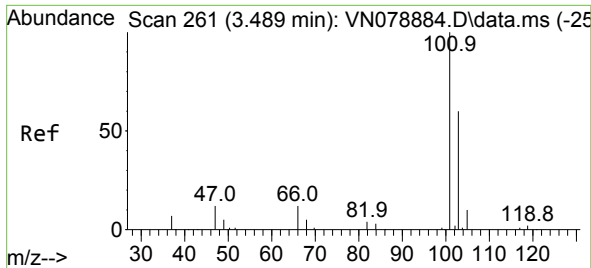
Tgt Ion: 94 Resp: 57453
Ion Ratio Lower Upper
94 100
96 89.3 73.1 109.7



#6
Chloroethane
Concen: 51.622 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

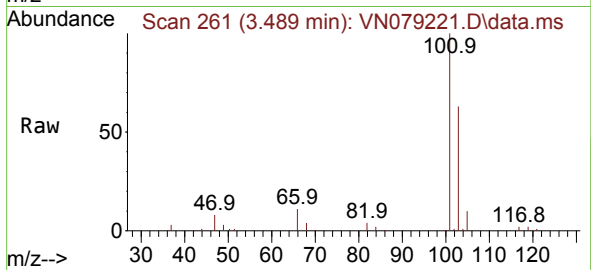
Tgt Ion: 64 Resp: 74028
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.2



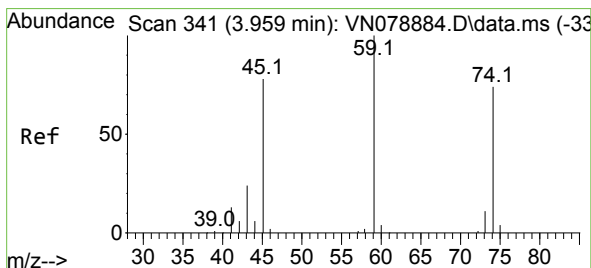
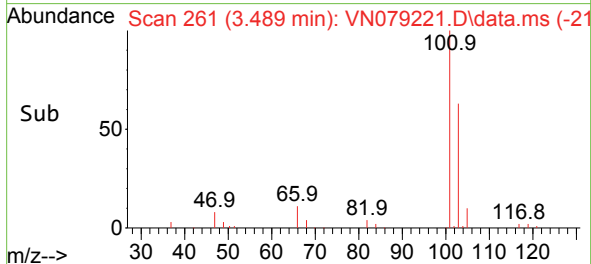
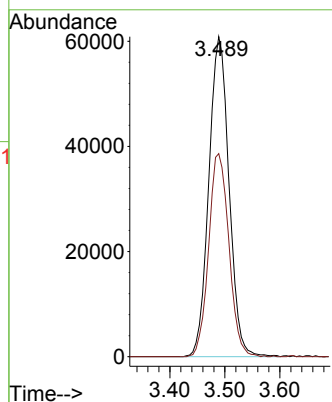


#7
 Trichlorofluoromethane
 Concen: 47.290 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.012 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

Instrument :
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 ClientSampleId :

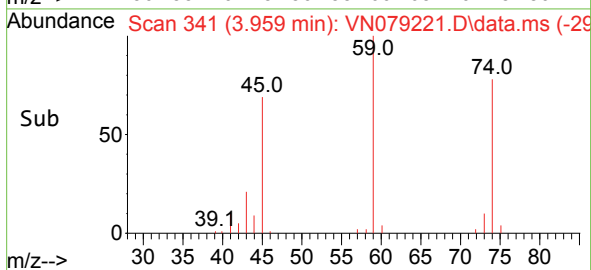
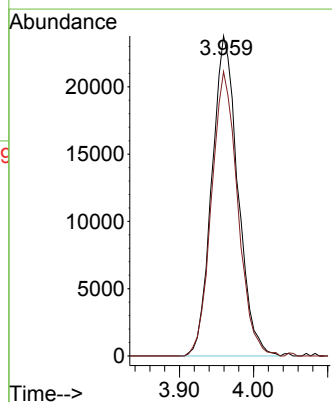
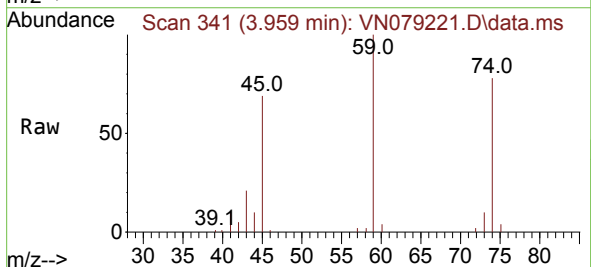


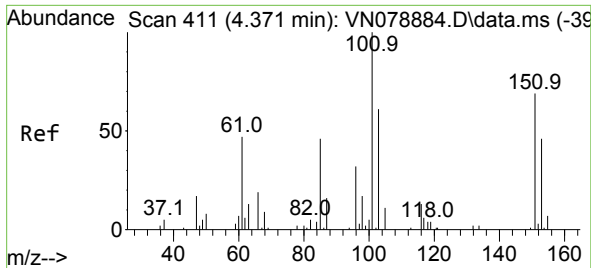
Tgt Ion:101 Resp: 155355
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 50.868 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.012 min
 Lab File: VN079221.D
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Tgt Ion: 74 Resp: 58003
 Ion Ratio Lower Upper
 74 100
 45 89.4 34.4 103.3

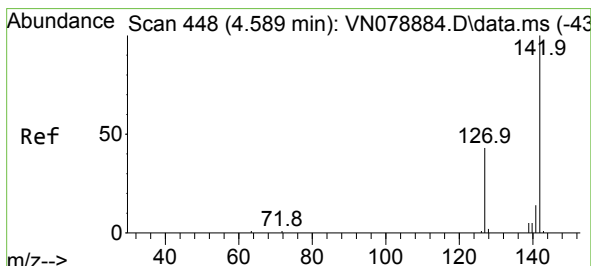
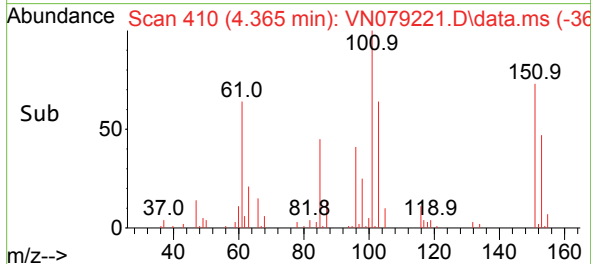
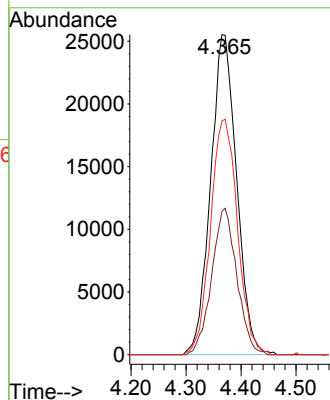
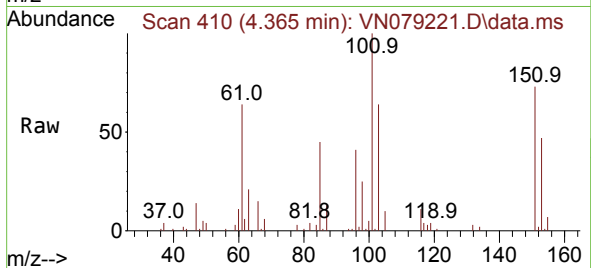




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.069 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN079221.D
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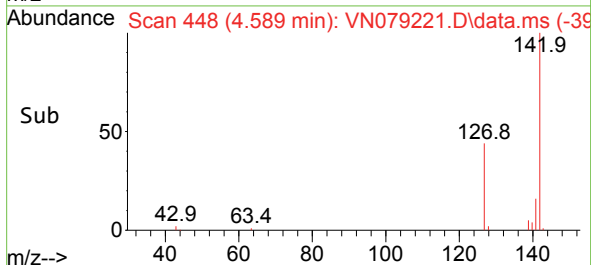
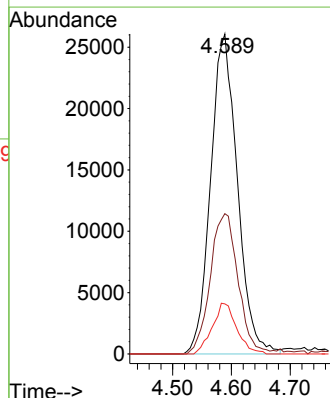
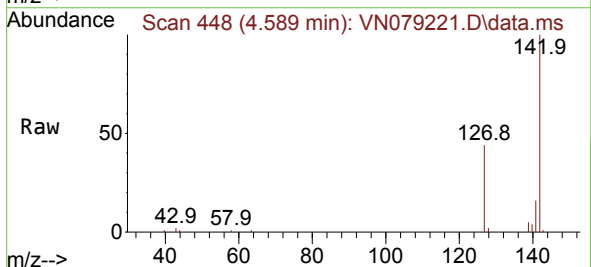
Instrument :
MSVOA_N
ClientSampleId :

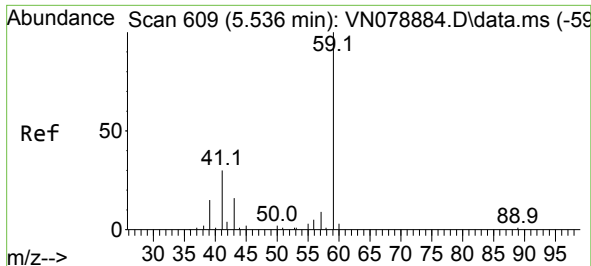
Tgt Ion:101 Resp: 83982
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 76.2 57.6 86.4



#10
Methyl Iodide
Concen: 57.656 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

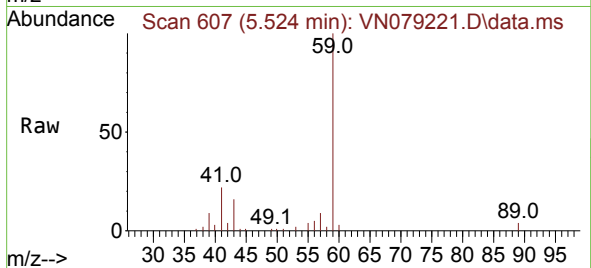
Tgt Ion:142 Resp: 82399
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 15.7 11.4 17.0



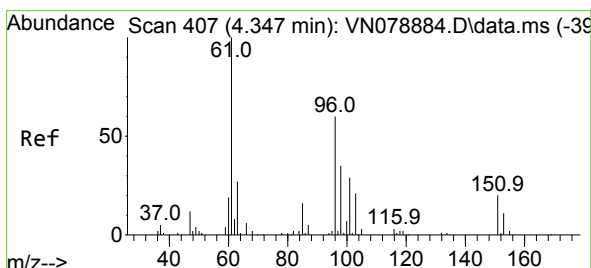
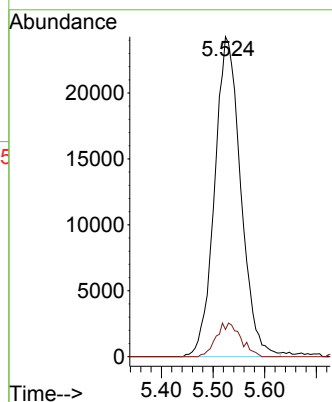
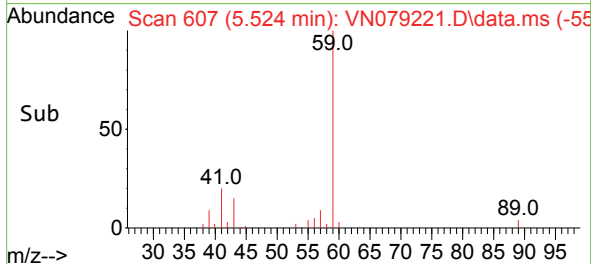


#11
Tert butyl alcohol
Concen: 215.638 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

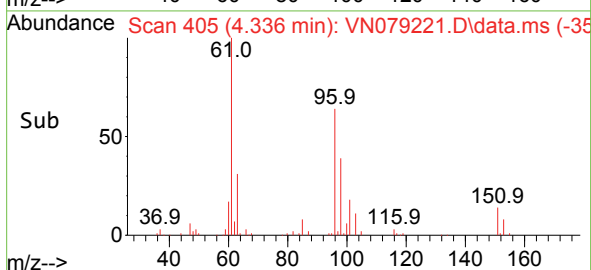
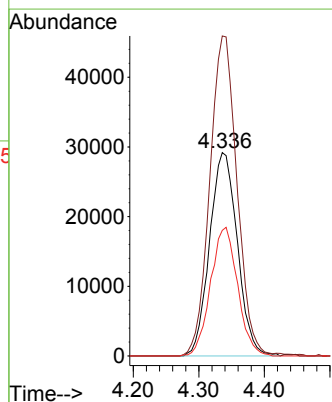
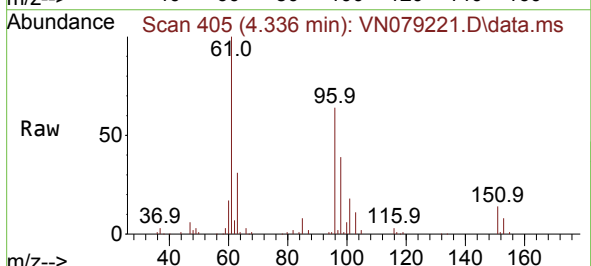


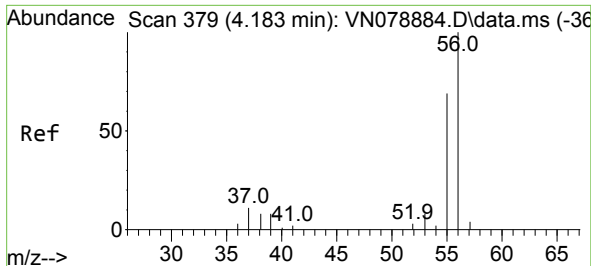
Tgt Ion: 59 Resp: 85190
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.793 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

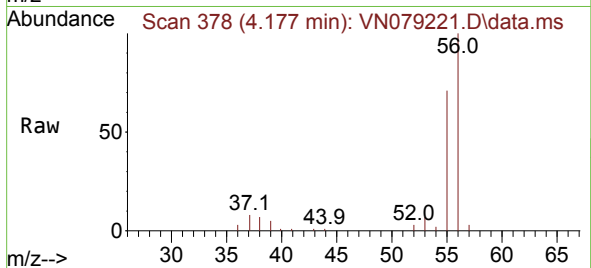
Tgt Ion: 96 Resp: 85874
Ion Ratio Lower Upper
96 100
61 157.3 112.7 169.1
98 61.8 51.2 76.8



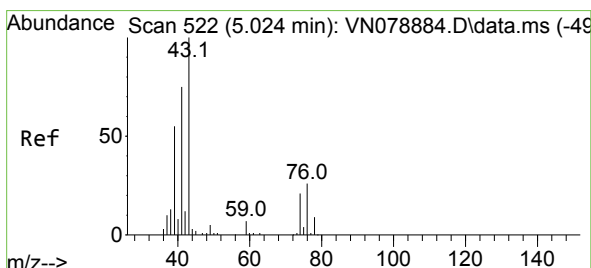
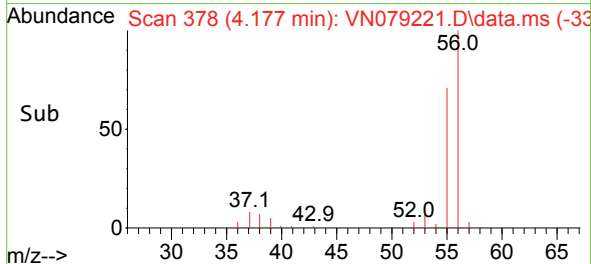
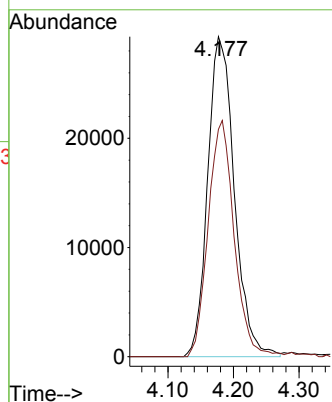


#13
Acrolein
Concen: 219.642 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

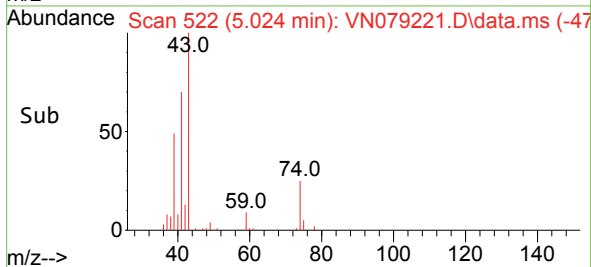
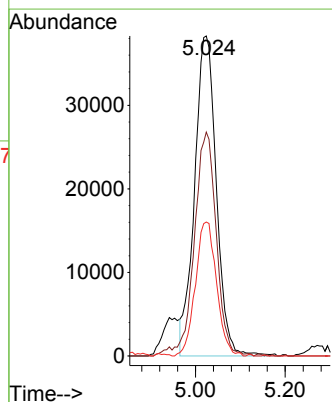
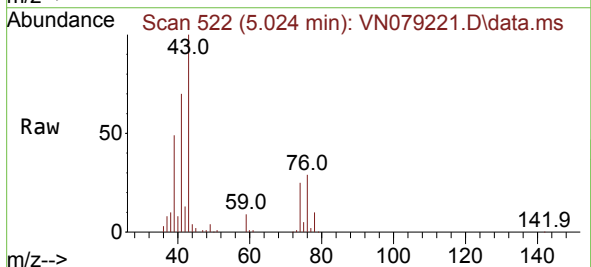


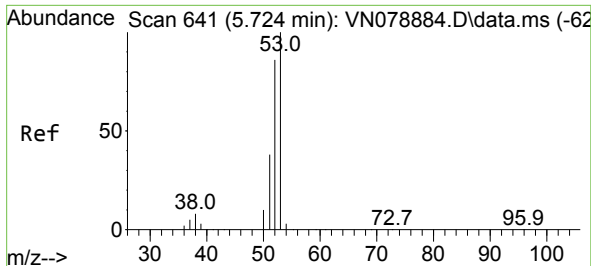
Tgt Ion: 56 Resp: 82771
Ion Ratio Lower Upper
56 100
55 71.9 54.5 81.7



#14
Allyl chloride
Concen: 47.878 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

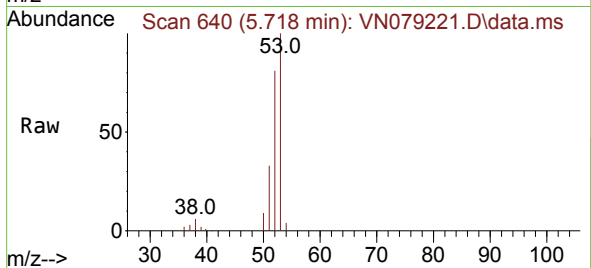
Tgt Ion: 41 Resp: 129126
Ion Ratio Lower Upper
41 100
39 69.6 58.8 88.2
76 40.7 39.1 58.7



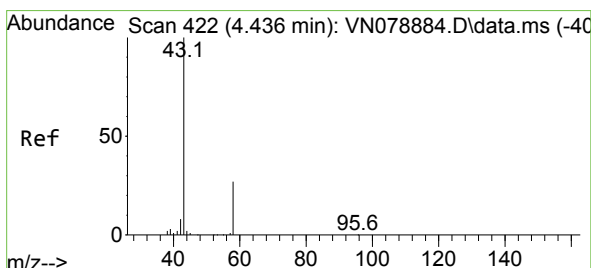
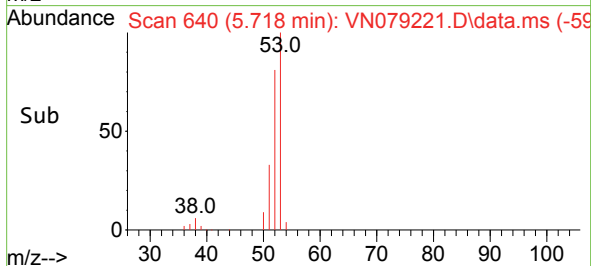
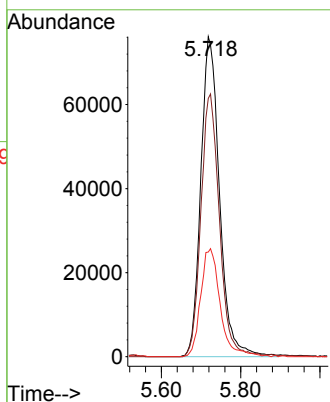


#15
Acrylonitrile
Concen: 244.154 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

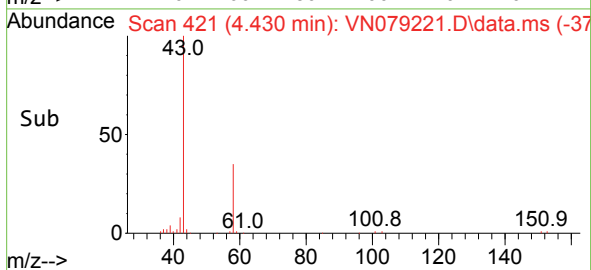
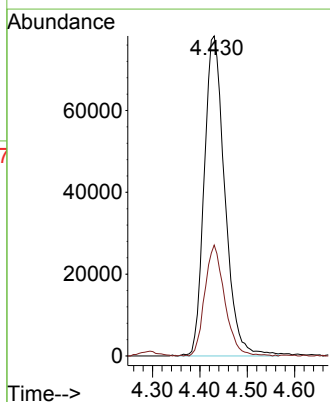
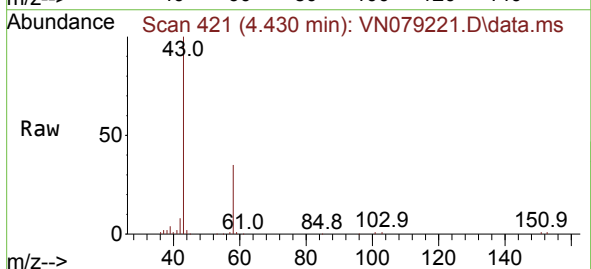


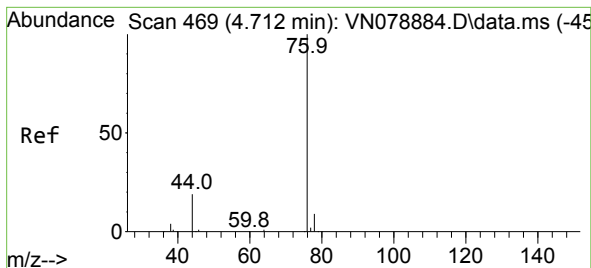
Tgt Ion: 53 Resp: 250106
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 35.1 28.9 43.3



#16
Acetone
Concen: 260.059 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 43 Resp: 236342
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0





#17

Carbon Disulfide

Concen: 44.755 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.012 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

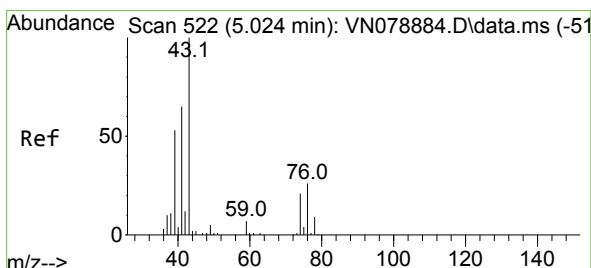
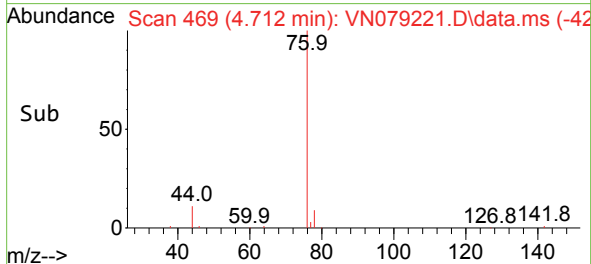
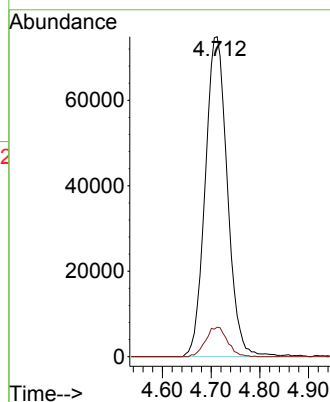
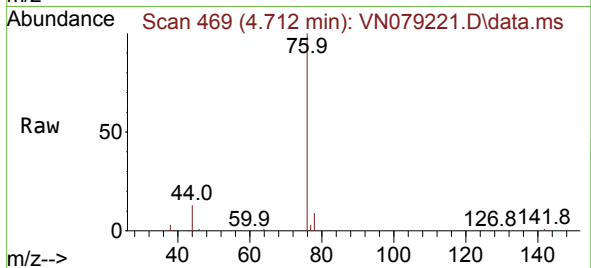
ClientSampleId :

Tgt Ion: 76 Resp: 236484

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 47.083 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.018 min

Lab File: VN079221.D

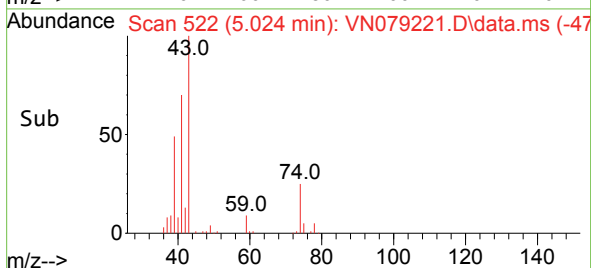
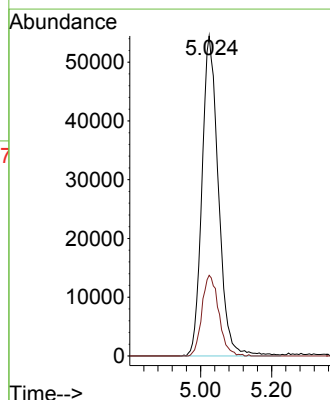
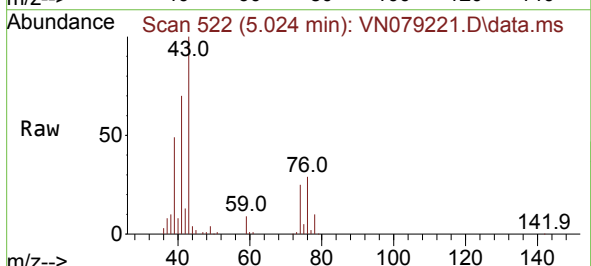
Acq: 11 Sep 2023 16:54

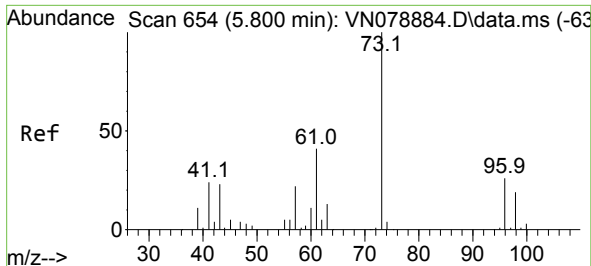
Tgt Ion: 43 Resp: 175860

Ion Ratio Lower Upper

43 100

74 25.7 26.2 39.4#





#19

Methyl tert-butyl Ether

Concen: 50.840 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.023 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

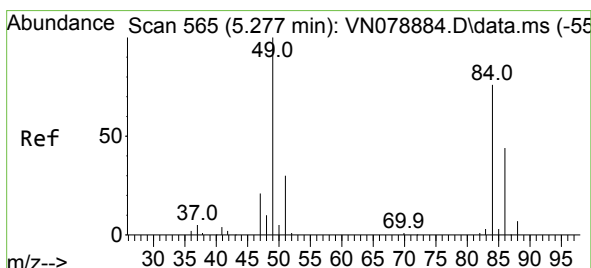
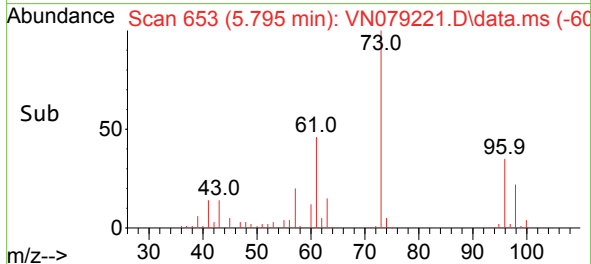
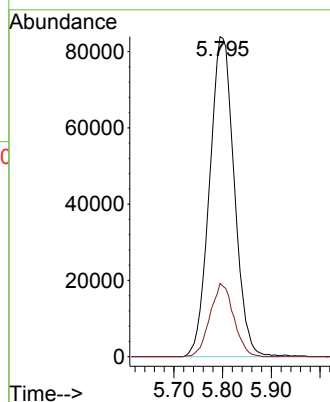
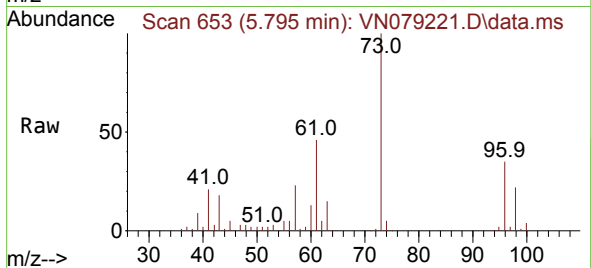
ClientSampleId :

Tgt Ion: 73 Resp: 294786

Ion Ratio Lower Upper

73 100

57 22.9 15.6 23.4



#20

Methylene Chloride

Concen: 46.906 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Tgt Ion: 84 Resp: 103737

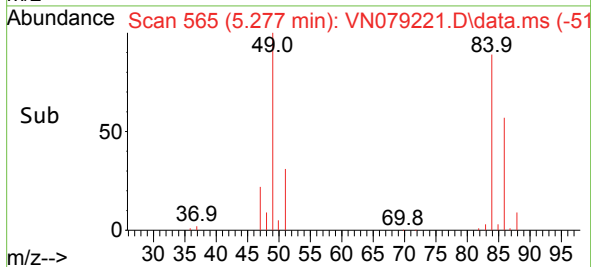
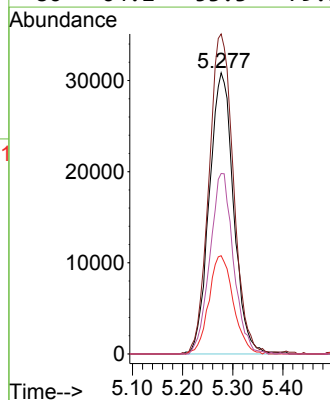
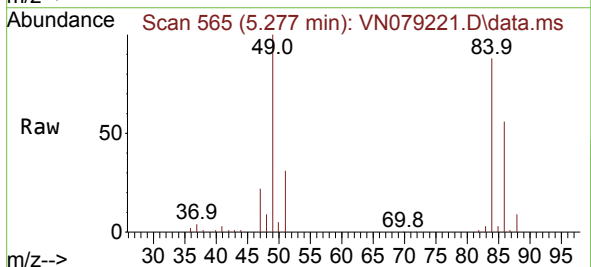
Ion Ratio Lower Upper

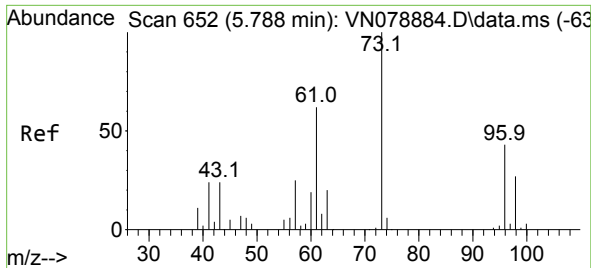
84 100

49 113.8 79.7 119.5

51 35.0 25.2 37.8

86 64.2 53.3 79.9

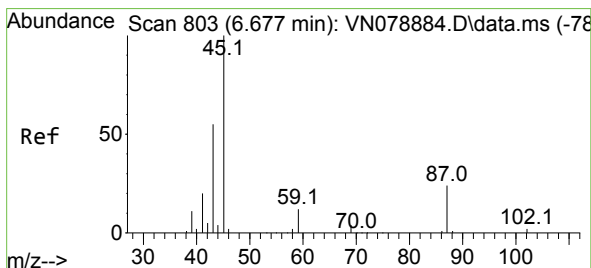
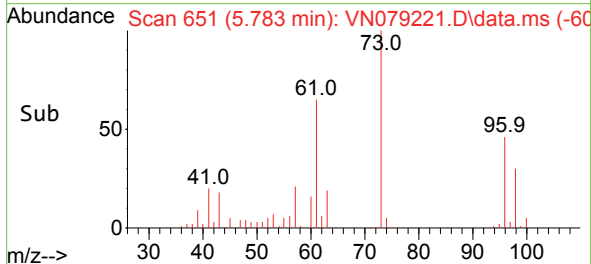
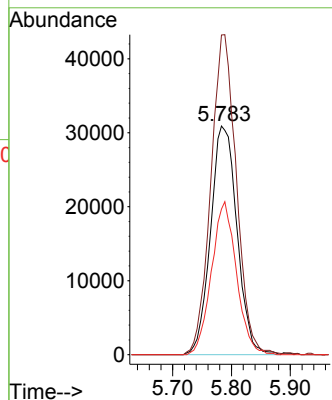
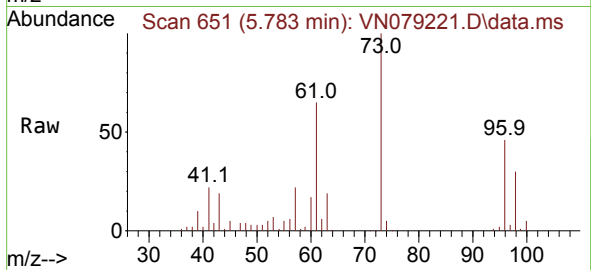




#21
trans-1,2-Dichloroethene
Concen: 49.222 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

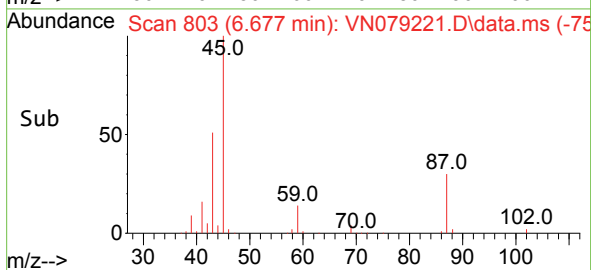
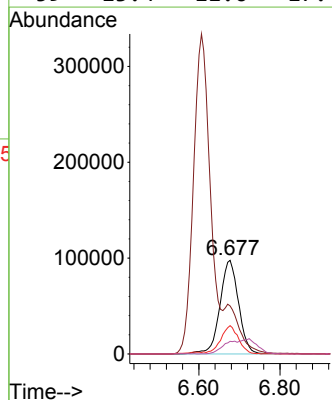
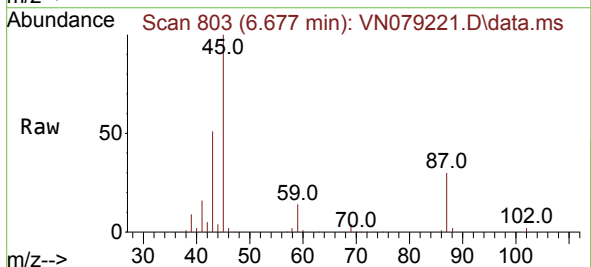
Instrument :
MSVOA_N
ClientSampleId :

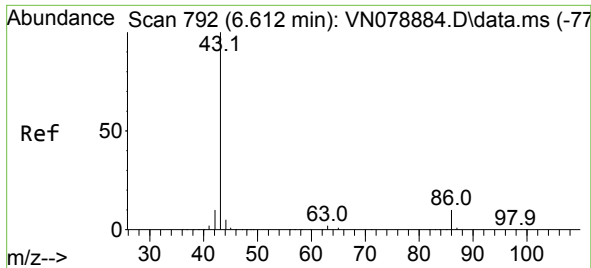
Tgt Ion: 96 Resp: 96536
Ion Ratio Lower Upper
96 100
61 139.9 90.1 135.1#
98 63.7 46.4 69.6



#22
Diisopropyl ether
Concen: 52.743 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 45 Resp: 312110
Ion Ratio Lower Upper
45 100
43 50.4 45.5 68.3
87 30.3 31.8 47.8#
59 13.4 11.6 17.4

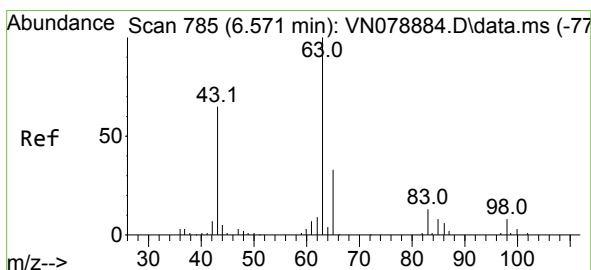
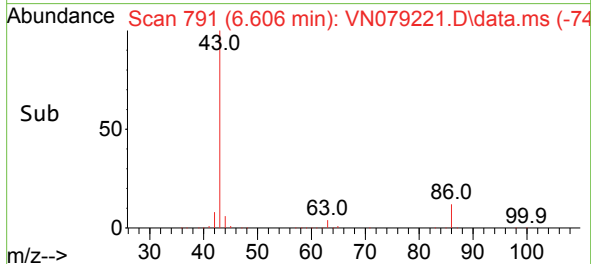
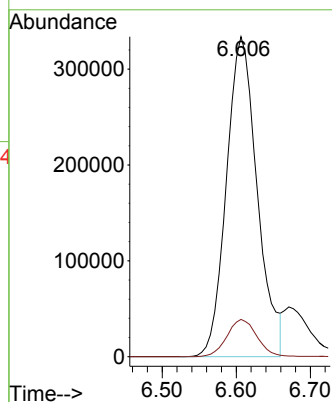
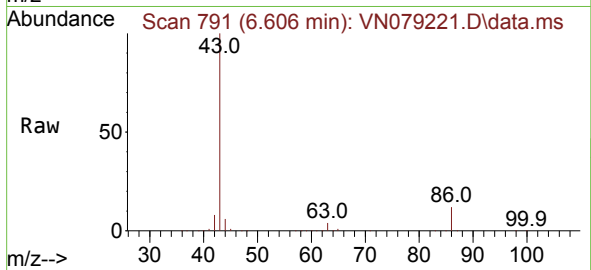




#23
 Vinyl Acetate
 Concen: 264.764 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

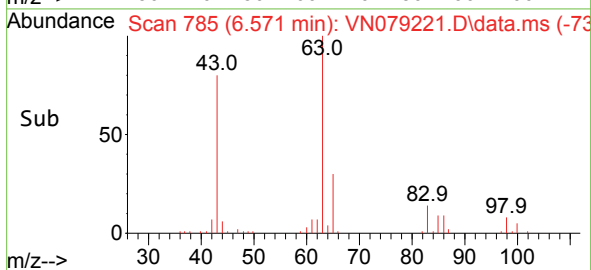
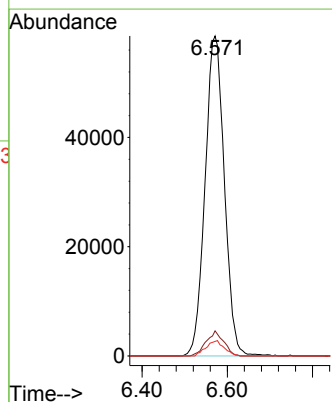
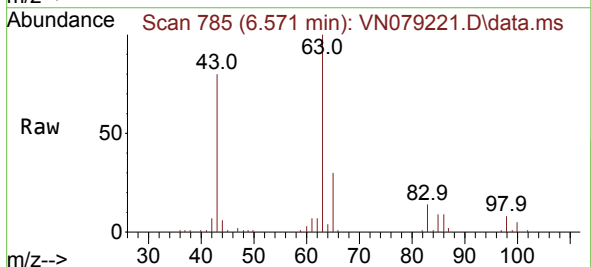
Instrument :
 MSVOA_N
 ClientSampleId :

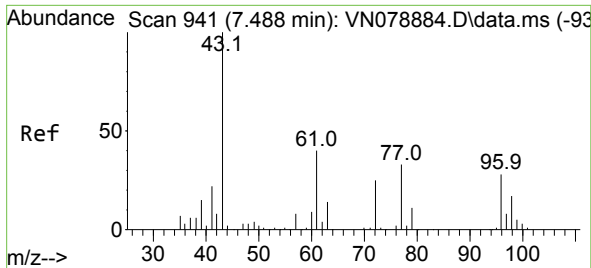
Tgt Ion: 43 Resp: 963681
 Ion Ratio Lower Upper
 43 100
 86 11.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 50.464 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

Tgt Ion: 63 Resp: 184089
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.5 2.5 7.4

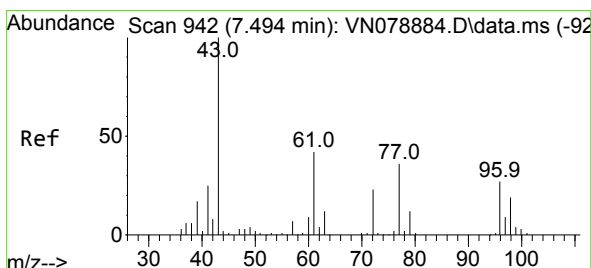
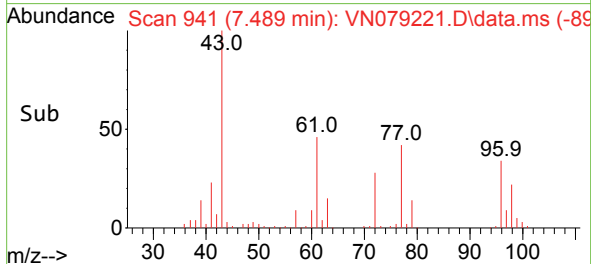
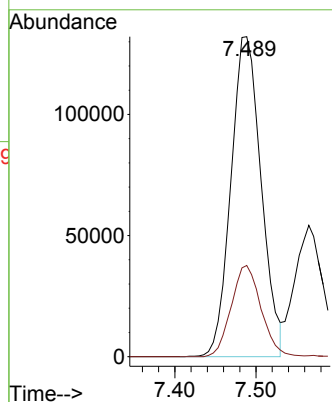
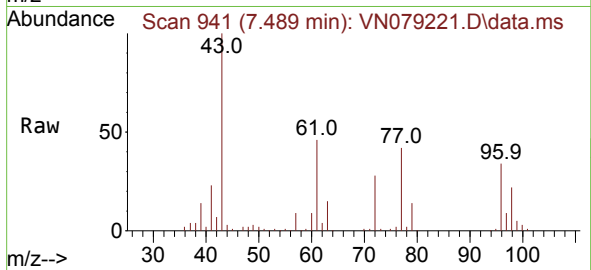




#25
2-Butanone
Concen: 259.336 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

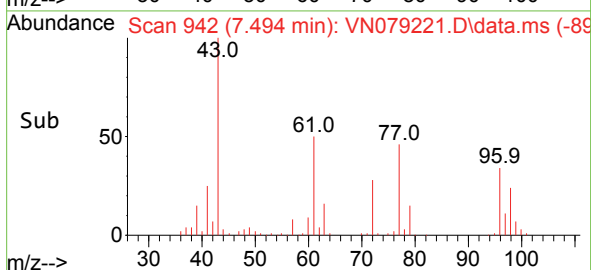
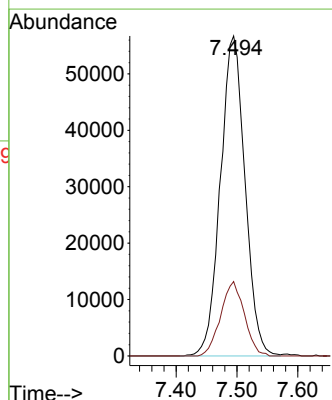
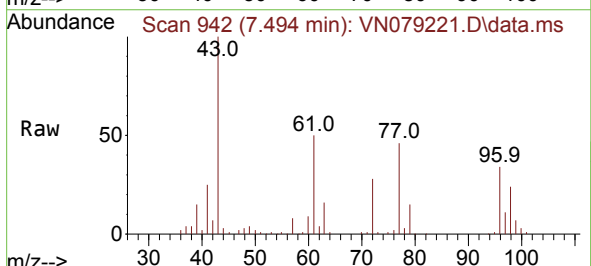
Instrument :
MSVOA_N
ClientSampleId :

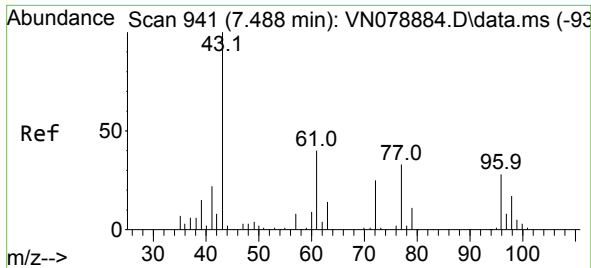
Tgt Ion: 43 Resp: 341961
Ion Ratio Lower Upper
43 100
72 28.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 53.199 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

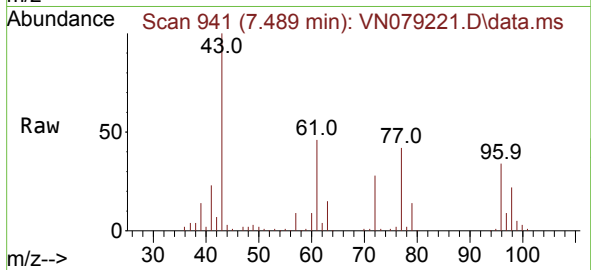
Tgt Ion: 77 Resp: 159253
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6



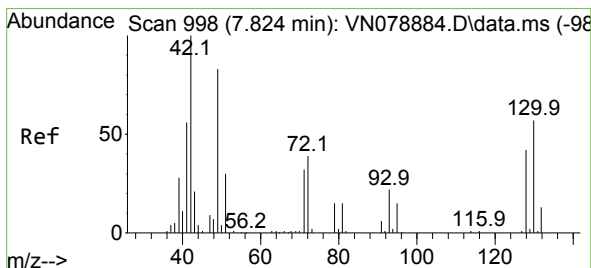
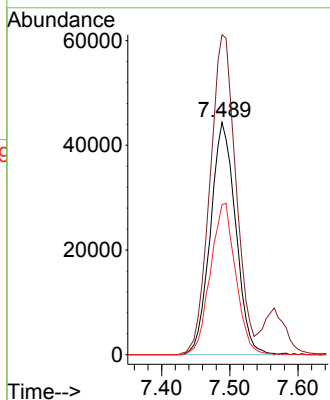
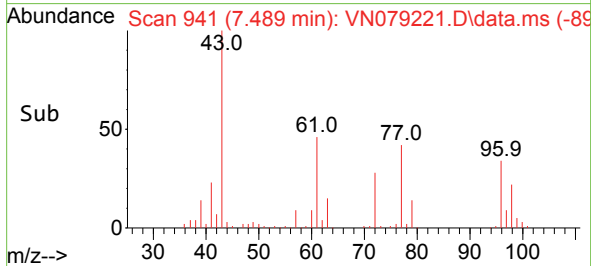


#27
 cis-1,2-Dichloroethene
 Concen: 51.004 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

Instrument :
 MSVOA_N
 ClientSampleId :

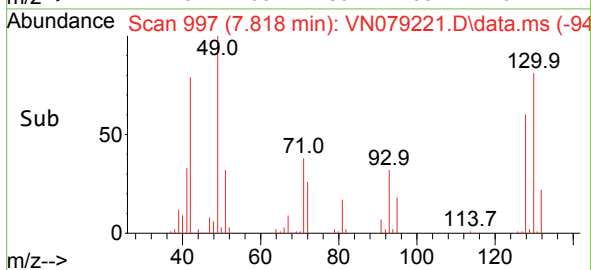
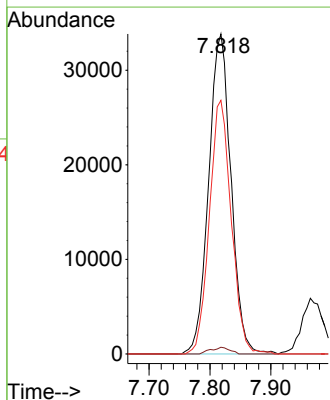
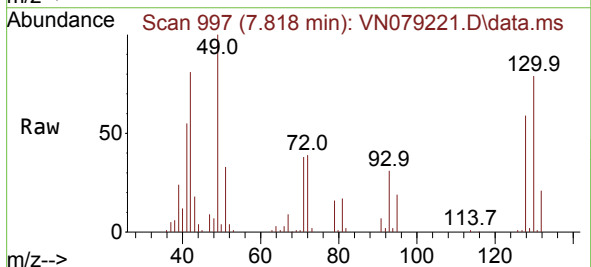


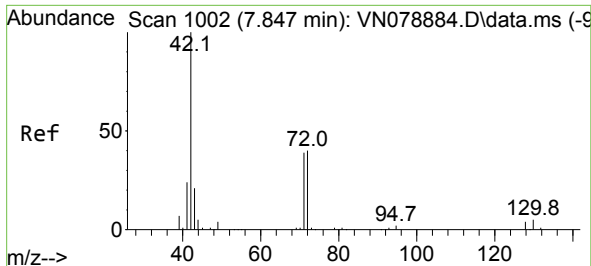
Tgt Ion: 96 Resp: 114379
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 255.2
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.317 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

Tgt Ion: 49 Resp: 86288
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 77.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 256.912 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

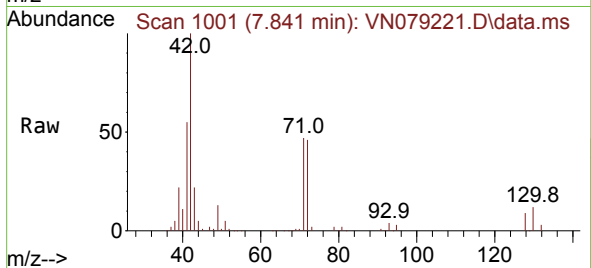
Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :



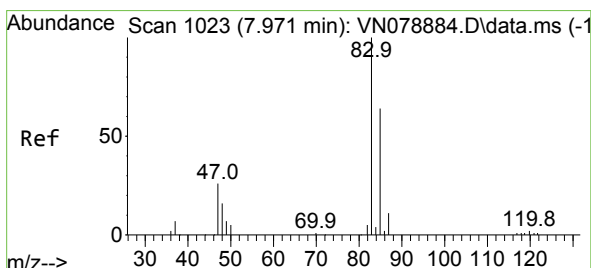
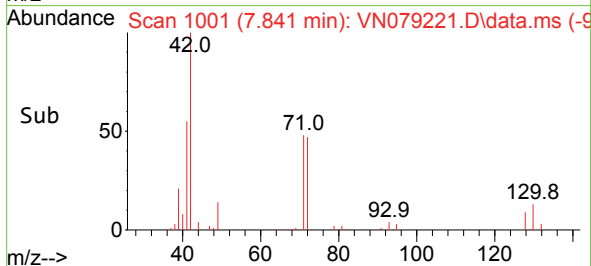
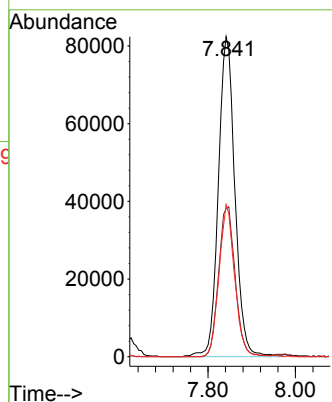
Tgt Ion: 42 Resp: 215583

Ion Ratio Lower Upper

42 100

72 46.9 49.8 74.6#

71 44.8 47.4 71.2#



#30

Chloroform

Concen: 50.556 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079221.D

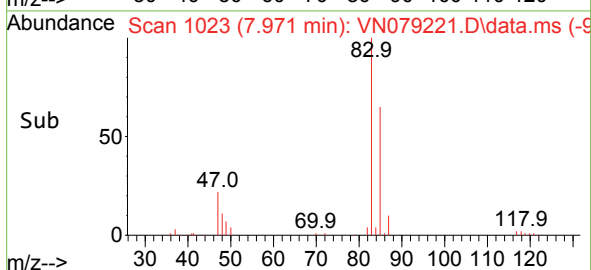
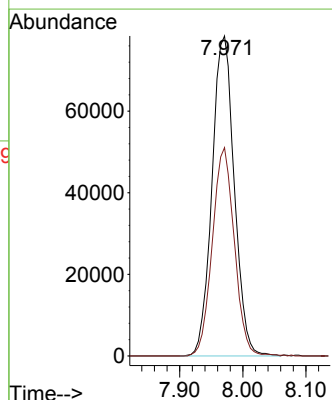
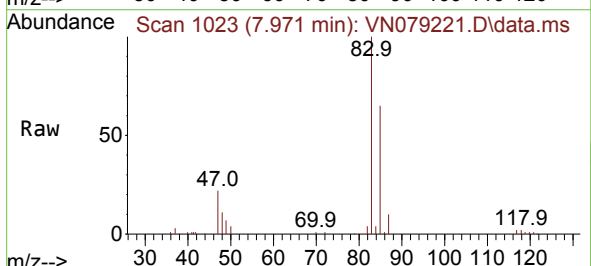
Acq: 11 Sep 2023 16:54

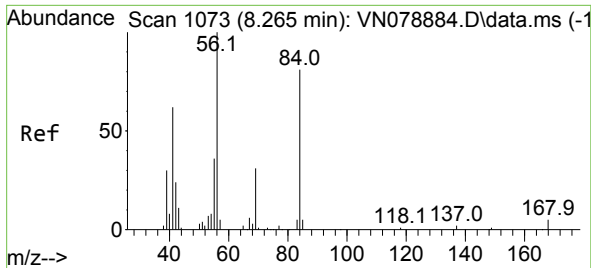
Tgt Ion: 83 Resp: 192015

Ion Ratio Lower Upper

83 100

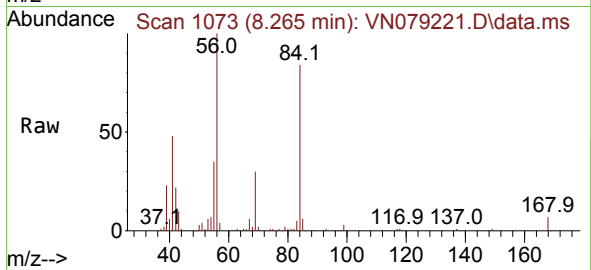
85 65.1 55.4 83.0



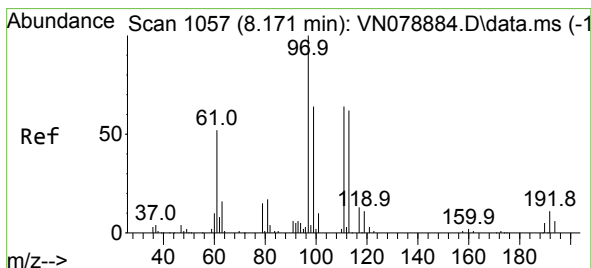
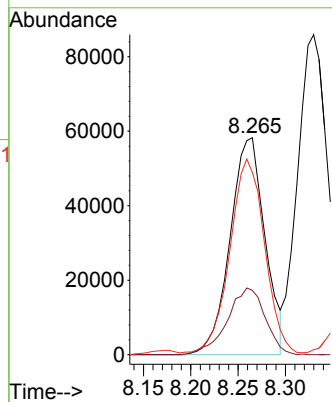
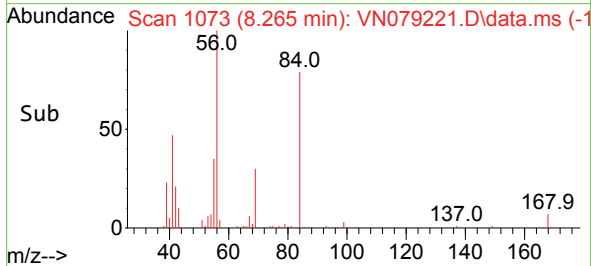


#31
Cyclohexane
Concen: 47.658 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

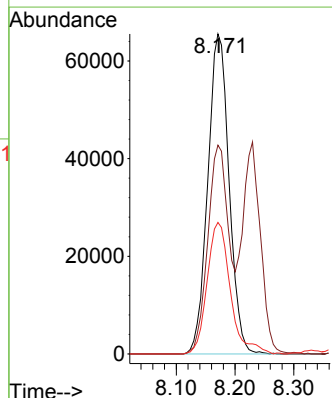
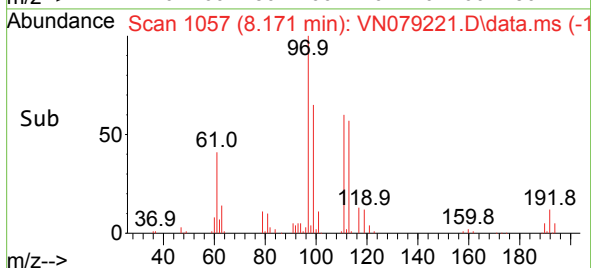
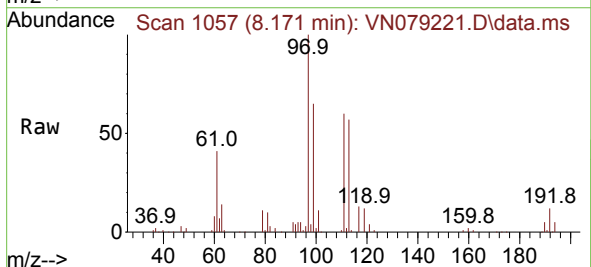


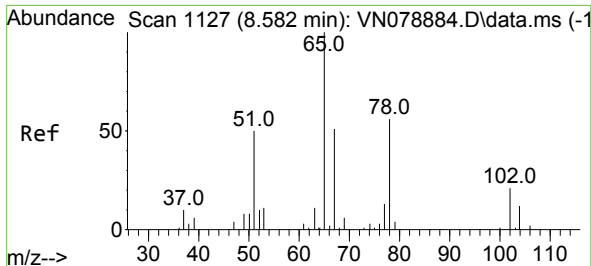
Tgt Ion: 56 Resp: 148905
Ion Ratio Lower Upper
56 100
69 29.6 26.8 40.2
84 83.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 50.917 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 97 Resp: 164849
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 44.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.066 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

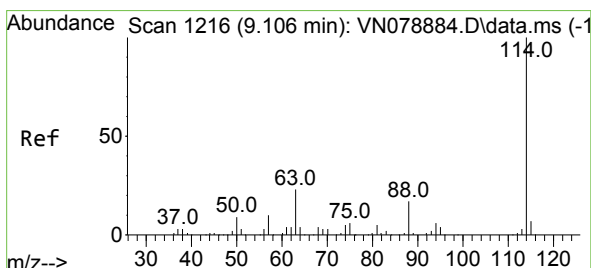
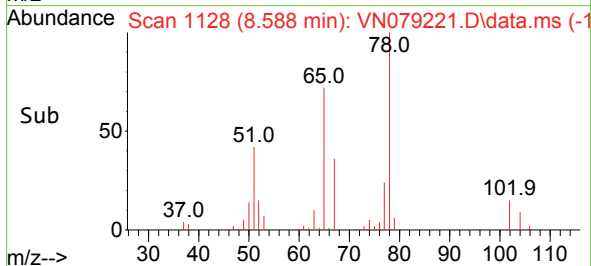
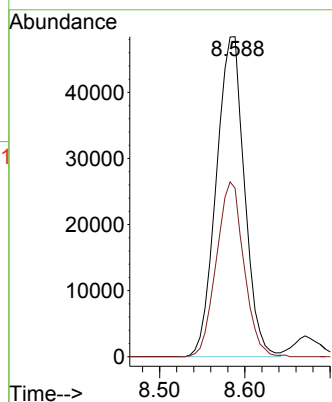
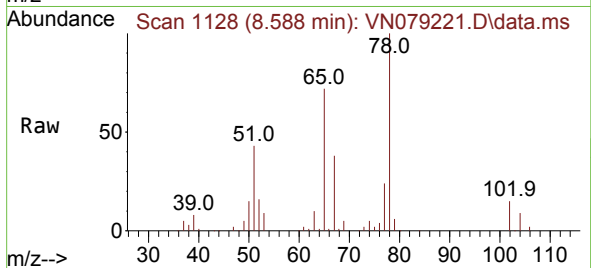
ClientSampleId :

Tgt Ion: 65 Resp: 111412

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

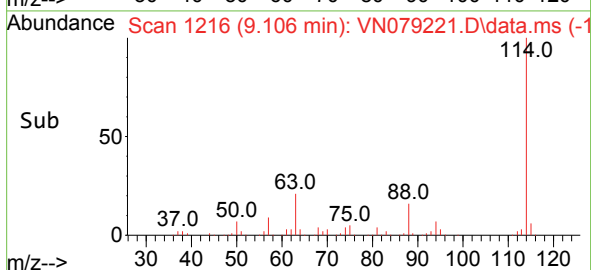
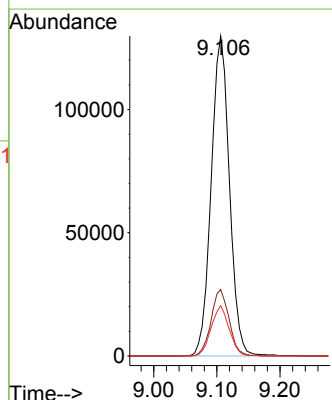
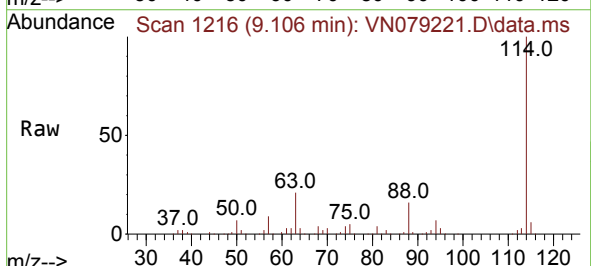
Tgt Ion: 114 Resp: 260221

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.106 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

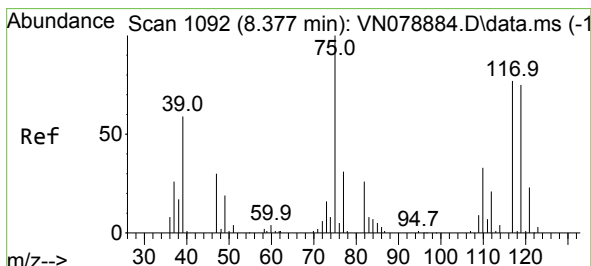
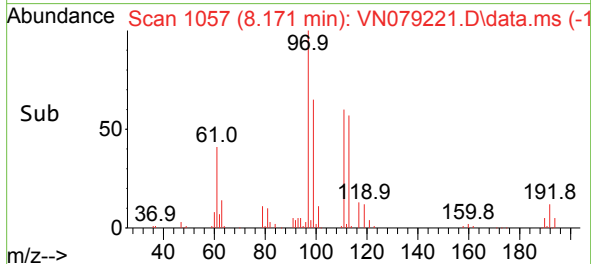
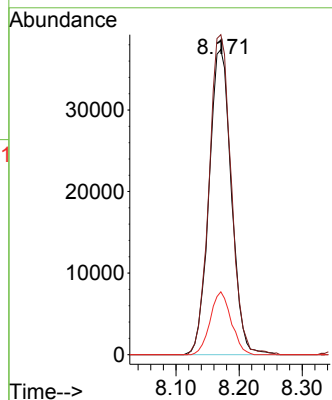
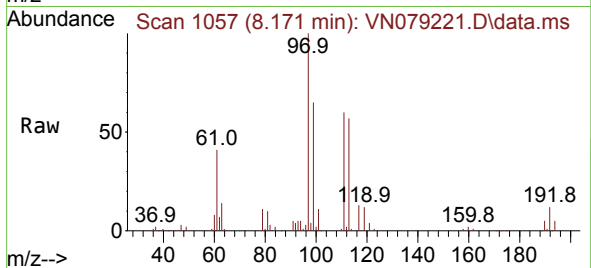
Tgt Ion:113 Resp: 91923

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 19.4 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 52.682 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

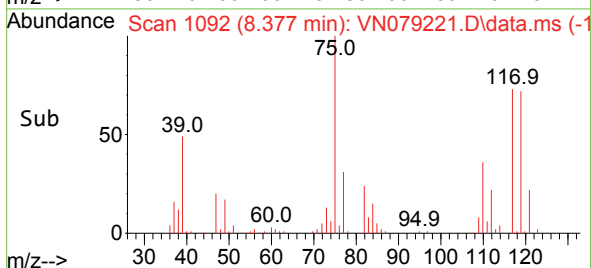
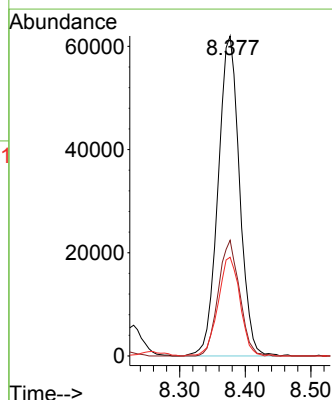
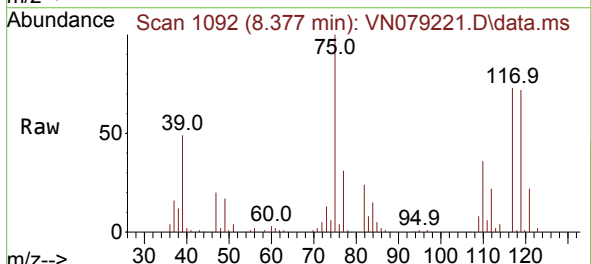
Tgt Ion: 75 Resp: 140557

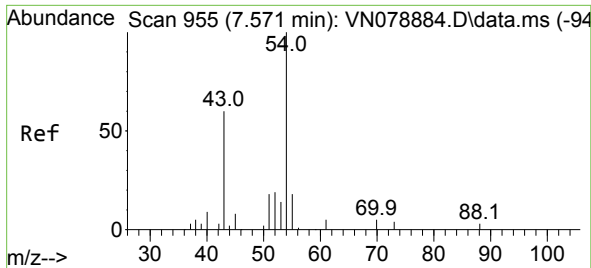
Ion Ratio Lower Upper

75 100

110 35.8 19.1 57.3

77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 50.400 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

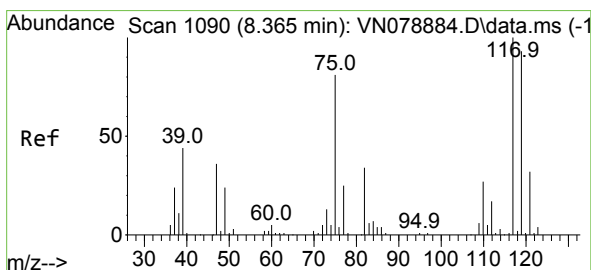
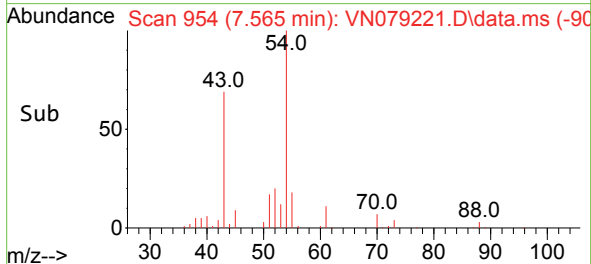
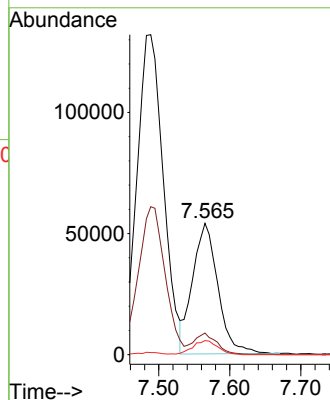
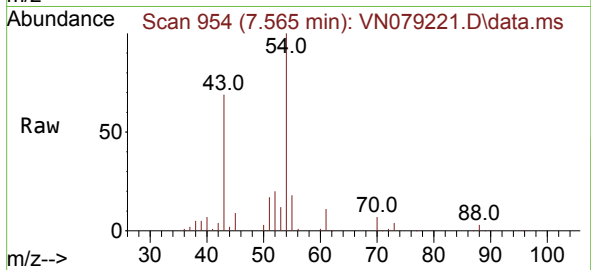
Tgt Ion: 43 Resp: 134122

Ion Ratio Lower Upper

43 100

61 13.8 13.2 19.8

70 10.7 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 52.341 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

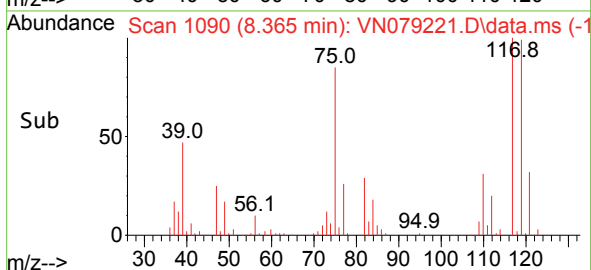
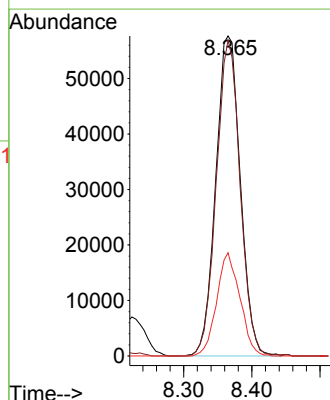
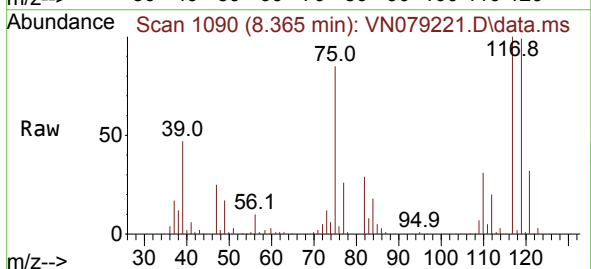
Tgt Ion: 117 Resp: 144512

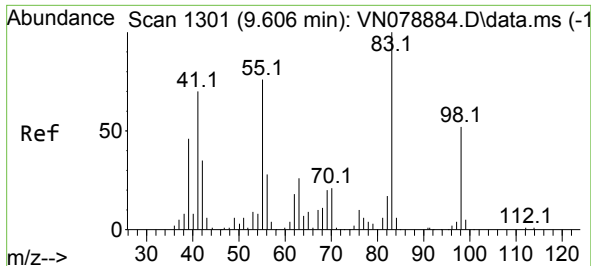
Ion Ratio Lower Upper

117 100

119 98.7 77.3 115.9

121 32.3 23.3 34.9





#39

Methylcyclohexane

Concen: 56.517 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

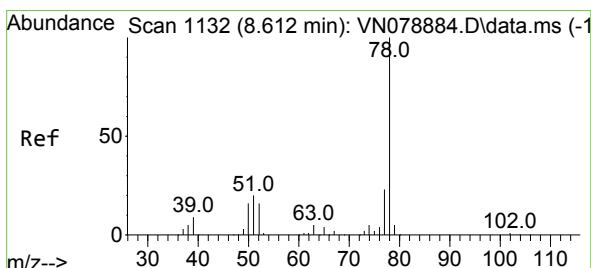
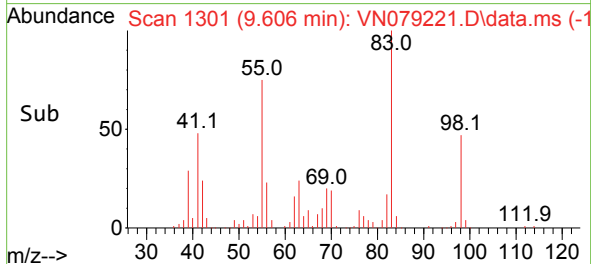
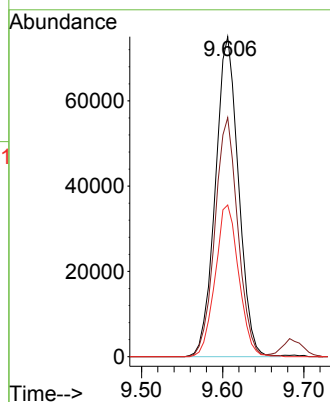
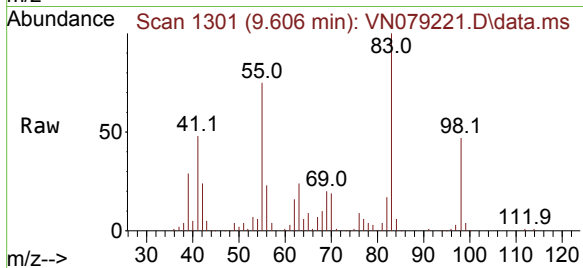
Tgt Ion: 83 Resp: 148740

Ion Ratio Lower Upper

83 100

55 74.7 49.1 73.7#

98 47.4 40.6 61.0



#40

Benzene

Concen: 52.495 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079221.D

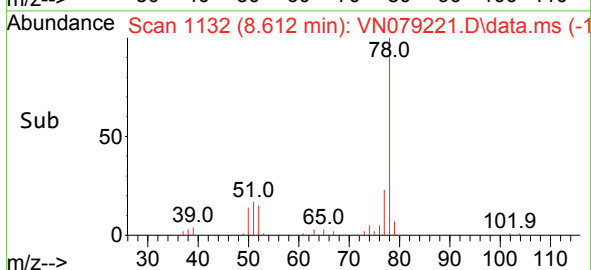
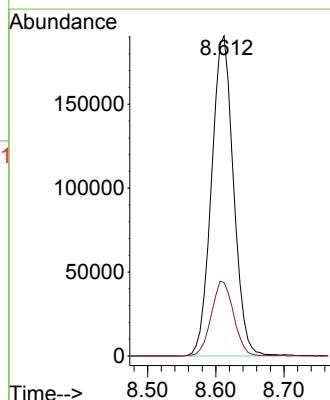
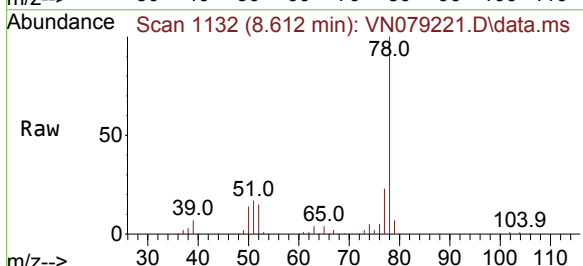
Acq: 11 Sep 2023 16:54

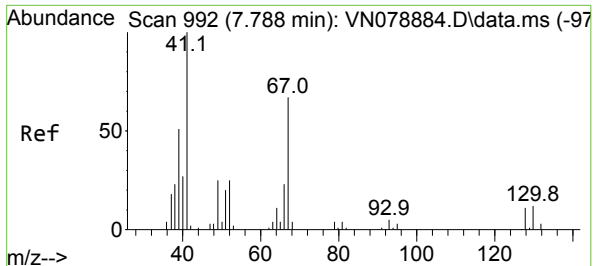
Tgt Ion: 78 Resp: 428753

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

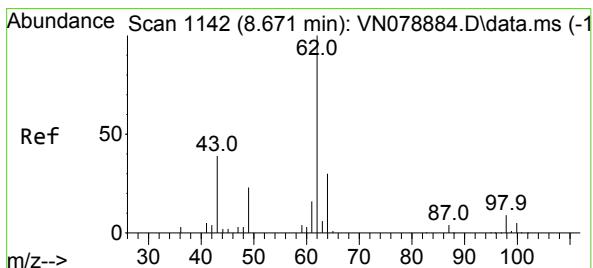
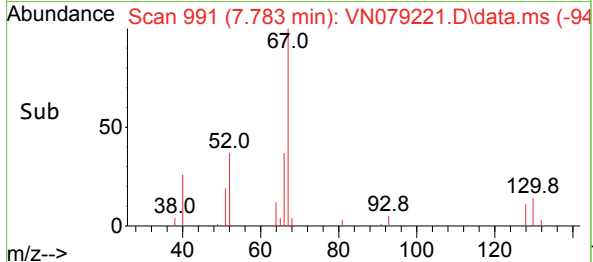
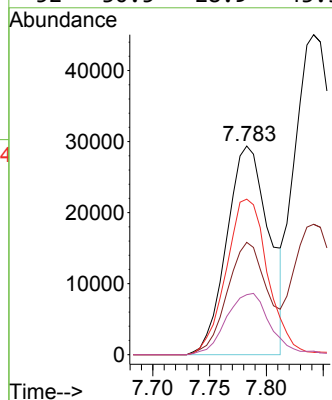
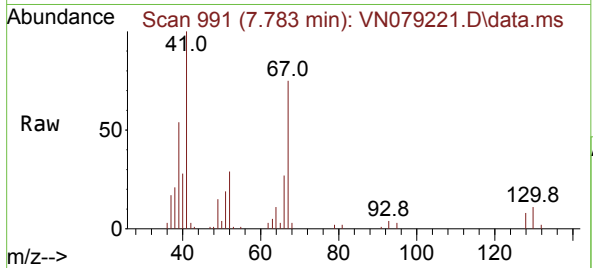




#41
Methacrylonitrile
Concen: 56.730 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

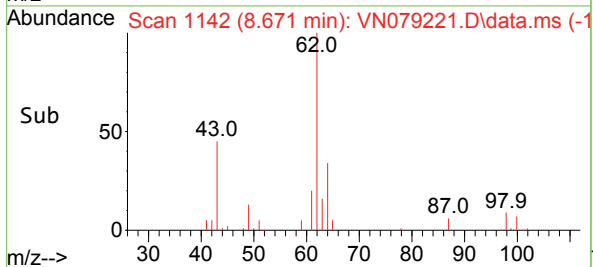
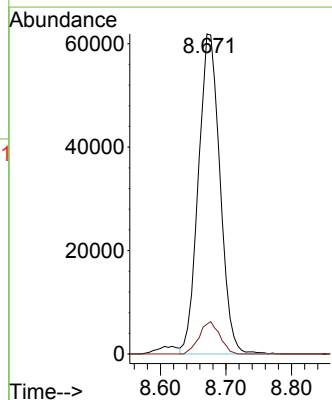
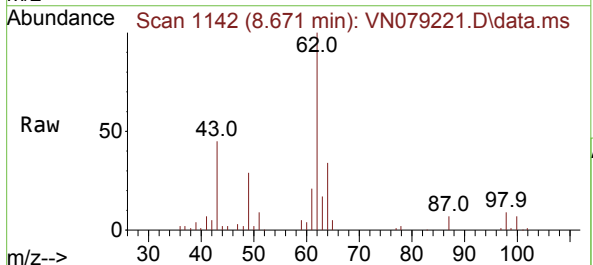
Instrument :
MSVOA_N
ClientSampleId :

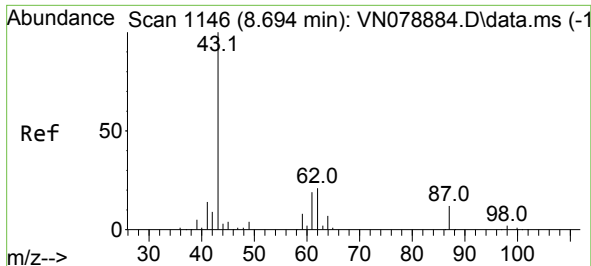
Tgt Ion: 41	Resp: 76119
Ion Ratio	Lower Upper
41	100
39	51.4 42.6 64.0
67	73.9 77.5 116.3
52	30.5 28.9 43.3



#42
1,2-Dichloroethane
Concen: 50.390 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 62	Resp: 141685
Ion Ratio	Lower Upper
62	100
98	9.6 0.0 19.8

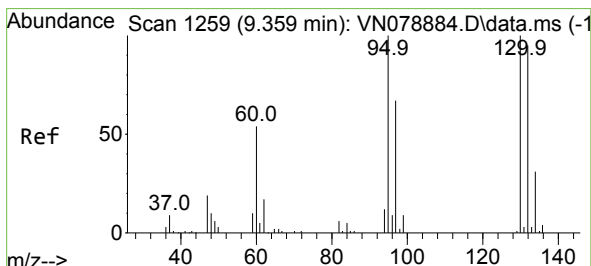
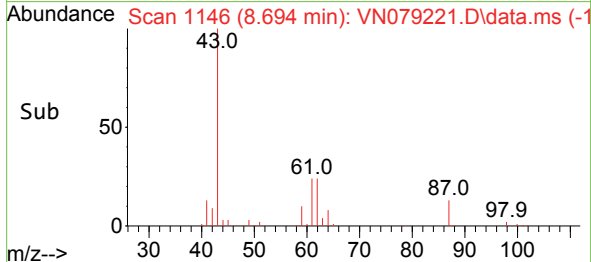
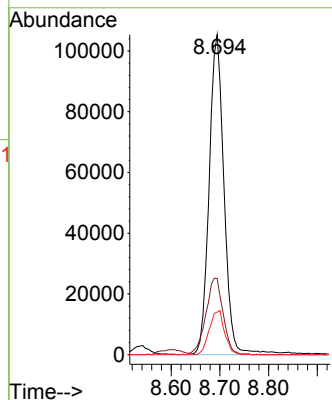
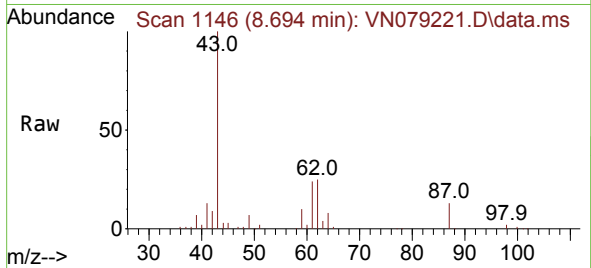




#43
Isopropyl Acetate
Concen: 51.386 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

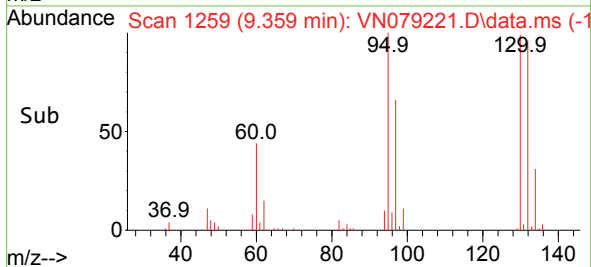
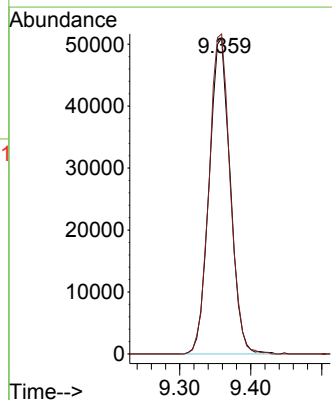
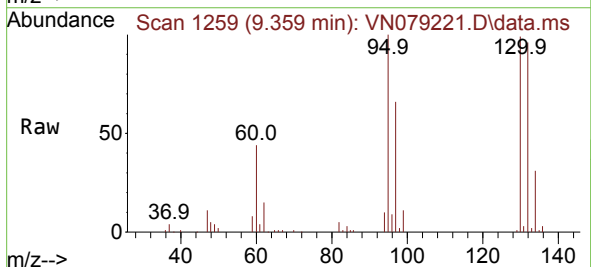
Instrument :
MSVOA_N
ClientSampleId :

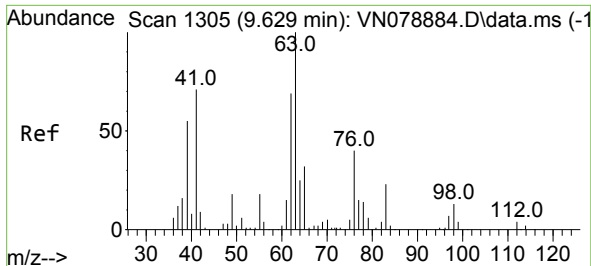
Tgt Ion: 43 Resp: 223126
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 14.1 14.6 21.8#



#44
Trichloroethene
Concen: 52.008 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion:130 Resp: 104641
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.459 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

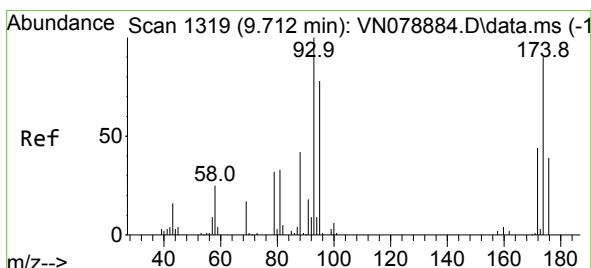
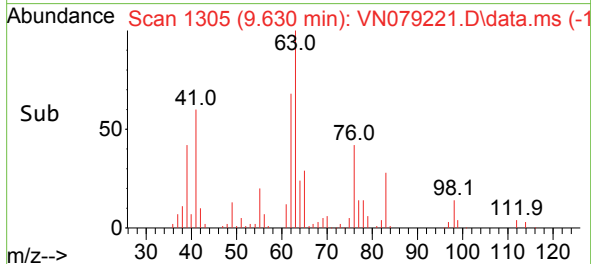
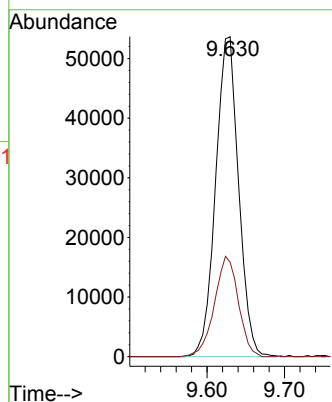
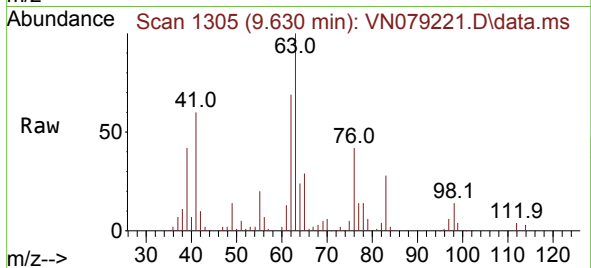
ClientSampleId :

Tgt Ion: 63 Resp: 110387

Ion Ratio Lower Upper

63 100

65 29.5 23.9 35.9



#46

Dibromomethane

Concen: 54.169 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

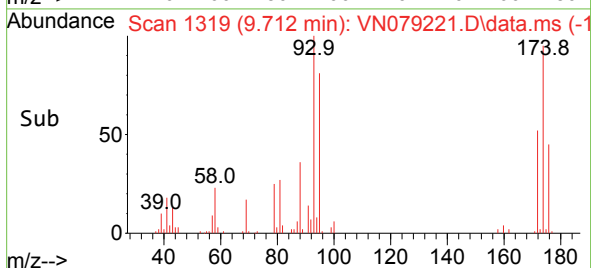
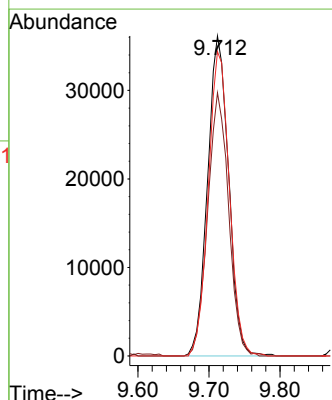
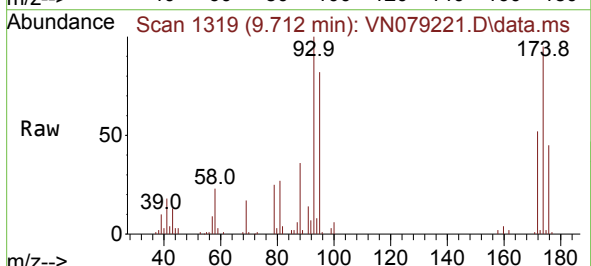
Tgt Ion: 93 Resp: 74538

Ion Ratio Lower Upper

93 100

95 81.5 63.8 95.8

174 95.1 65.6 98.4

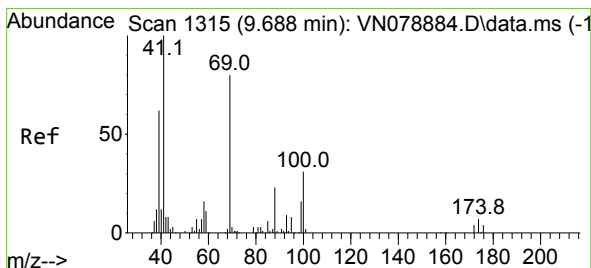
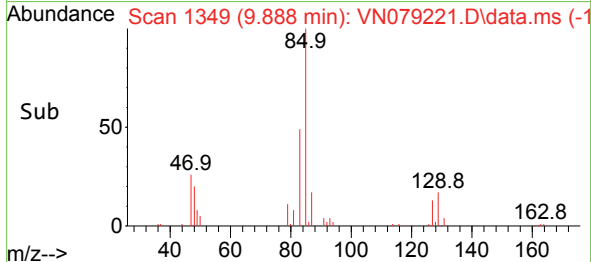
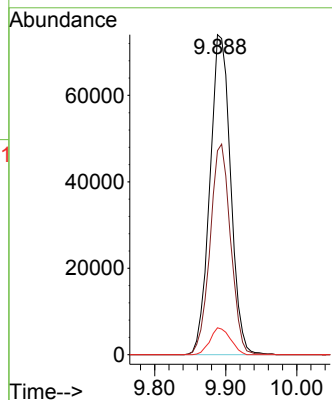
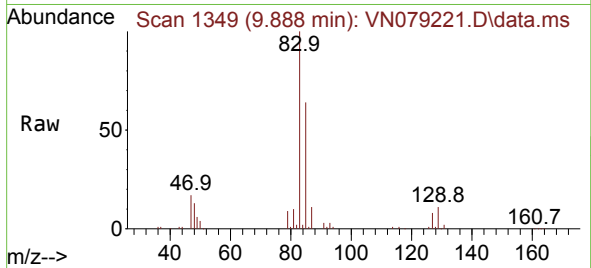




#47
Bromodichloromethane
Concen: 53.166 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

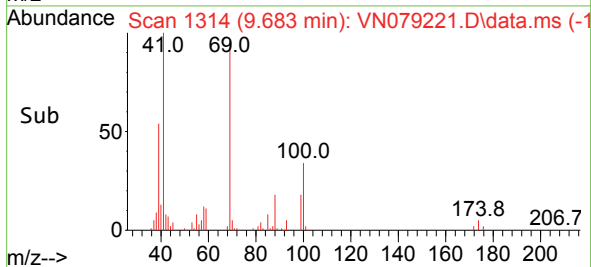
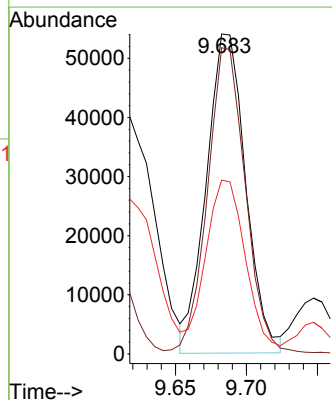
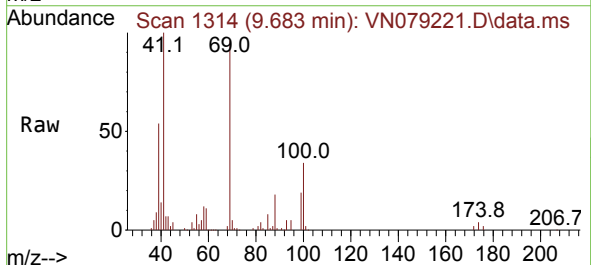
Instrument :
MSVOA_N
ClientSampleId :

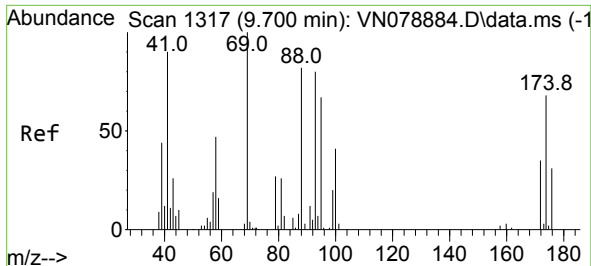
Tgt Ion: 83 Resp: 149843
Ion Ratio Lower Upper
83 100
85 63.7 49.6 74.4
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 53.477 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 41 Resp: 104009
Ion Ratio Lower Upper
41 100
69 93.1 90.4 135.6
39 56.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1086.740 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

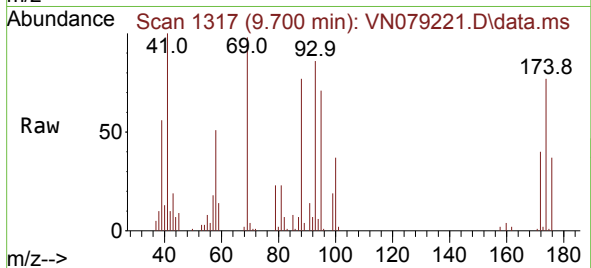
Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :



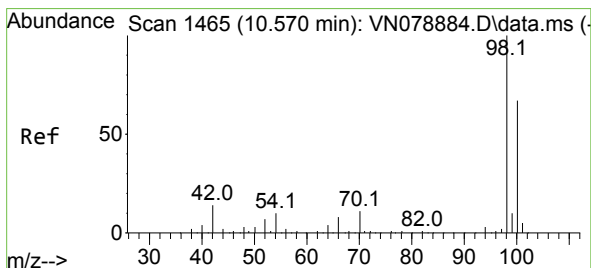
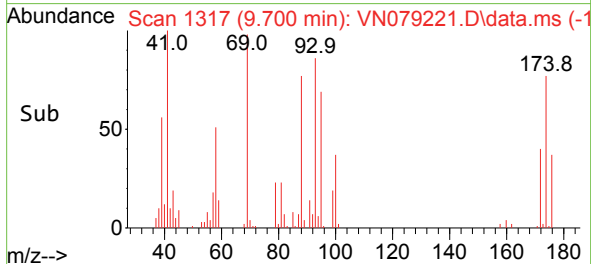
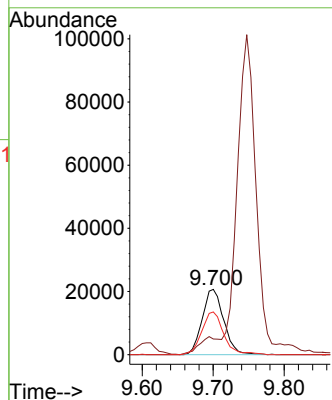
Tgt Ion: 88 Resp: 43474

Ion Ratio Lower Upper

88 100

43 23.4 17.0 25.6

58 67.0 47.0 70.4



#50

Toluene-d8

Concen: 56.157 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079221.D

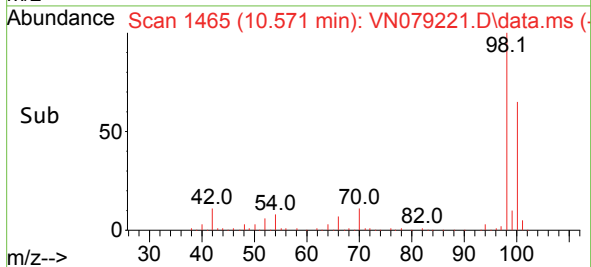
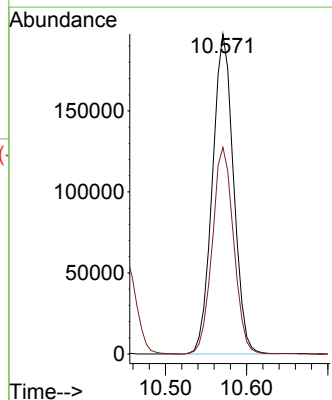
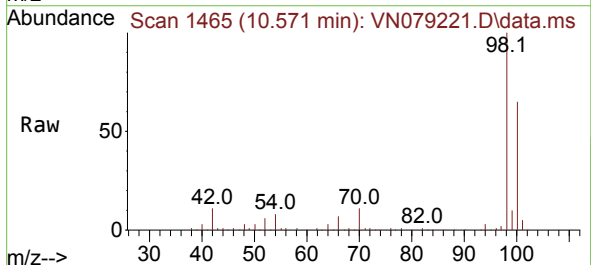
Acq: 11 Sep 2023 16:54

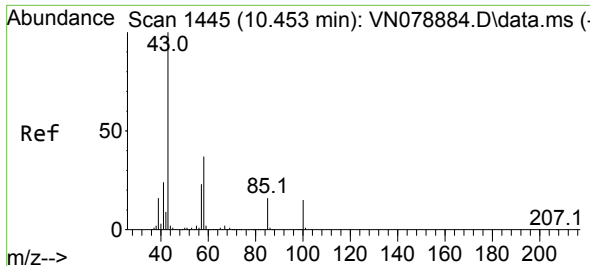
Tgt Ion: 98 Resp: 356922

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

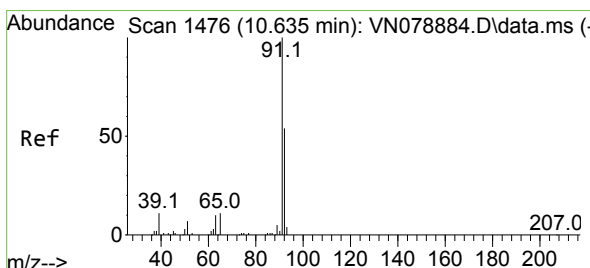
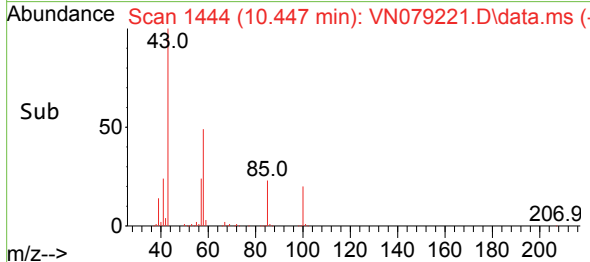
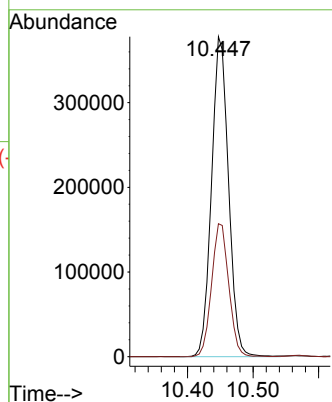
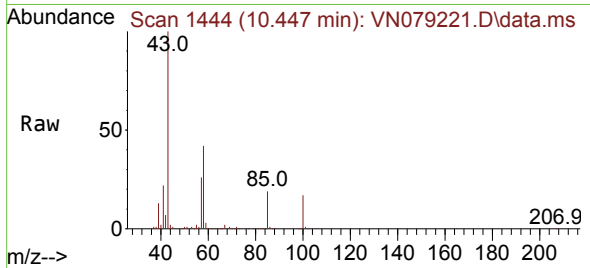




#51
4-Methyl-2-Pentanone
Concen: 270.284 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

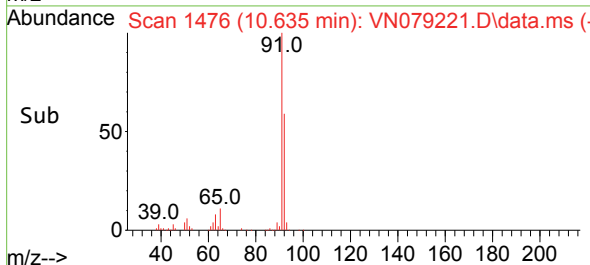
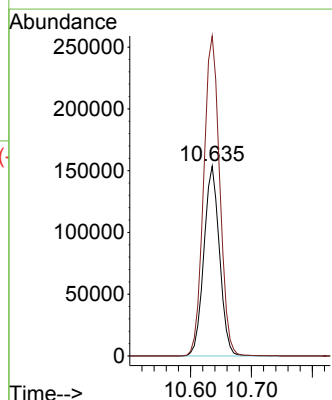
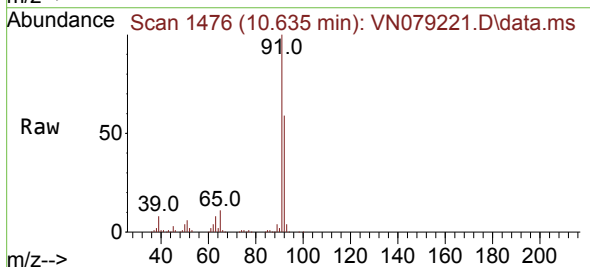
Instrument :
MSVOA_N
ClientSampleId :

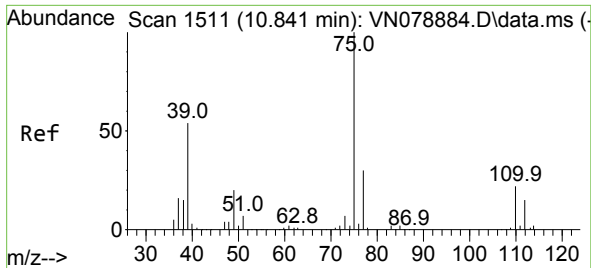
Tgt Ion: 43 Resp: 681278
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8



#52
Toluene
Concen: 54.469 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 92 Resp: 273399
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0

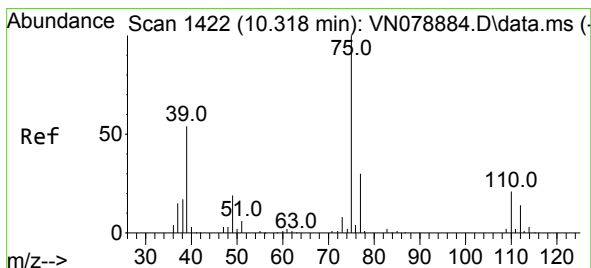
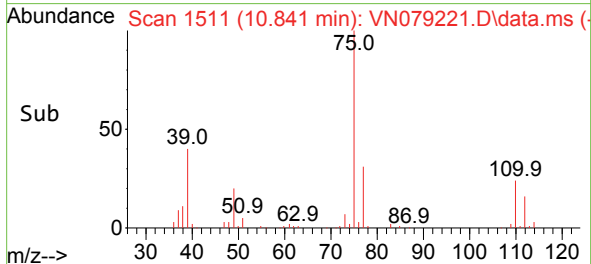
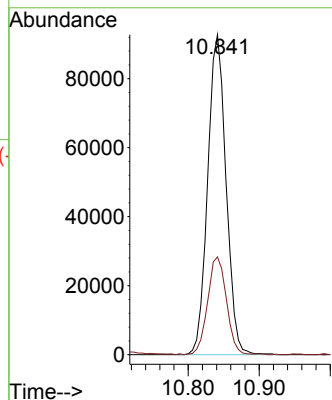
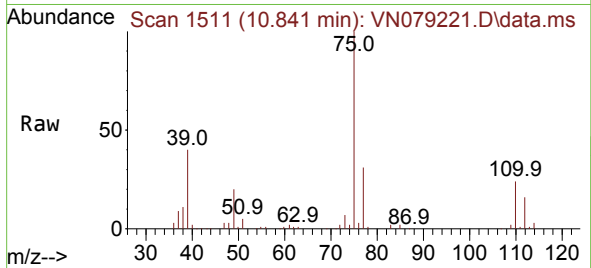




#53
 t-1,3-Dichloropropene
 Concen: 56.121 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

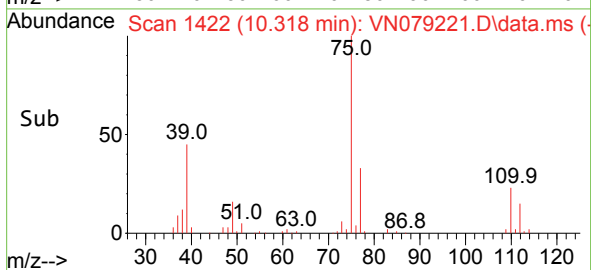
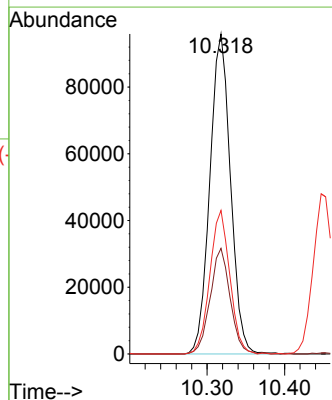
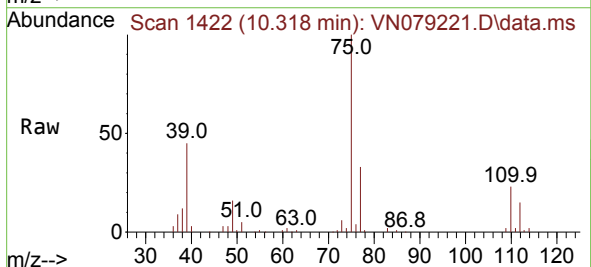
Instrument :
 MSVOA_N
 ClientSampleId :

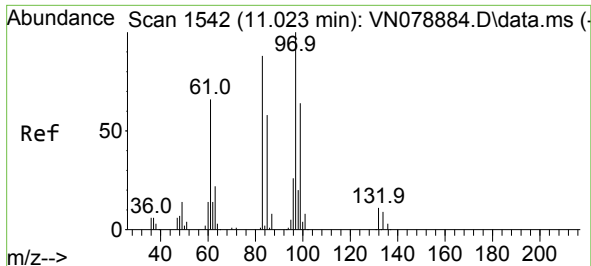
Tgt Ion: 75 Resp: 166780
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.985 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

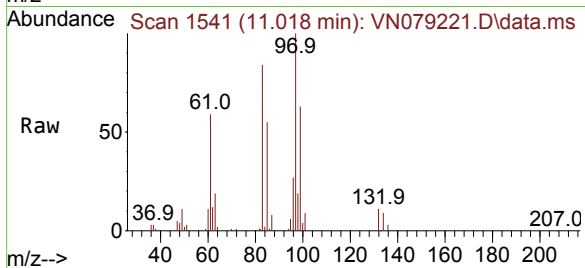
Tgt Ion: 75 Resp: 177951
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.1 39.1
 39 44.9 31.6 47.4



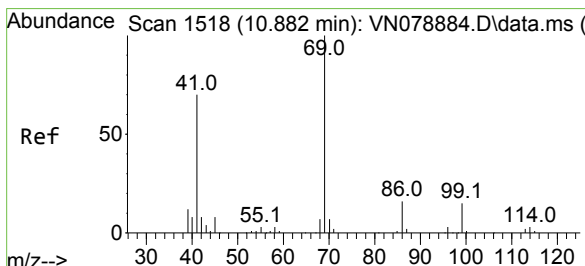
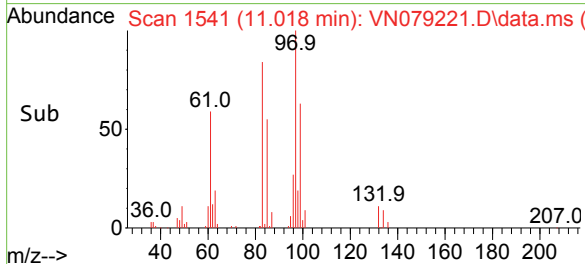
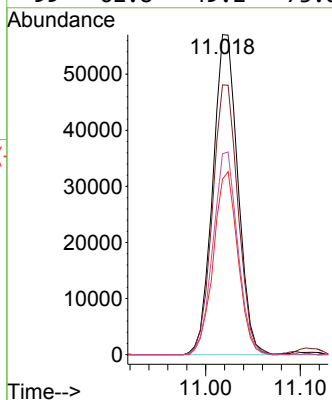


#55
1,1,2-Trichloroethane
Concen: 53.289 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

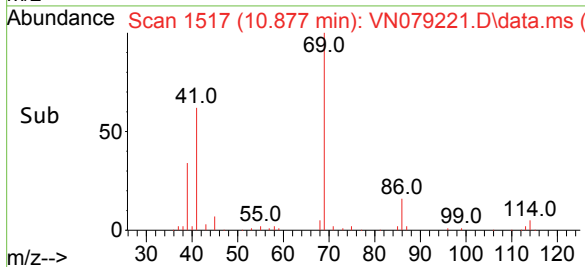
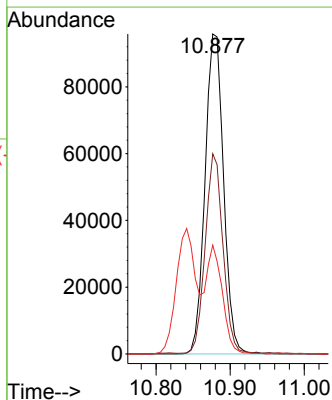
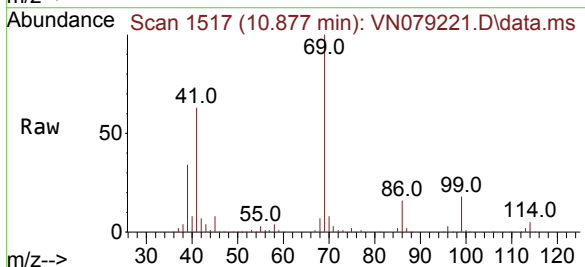


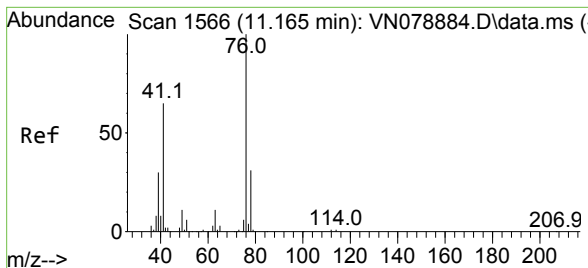
Tgt Ion: 97 Resp: 104954
Ion Ratio Lower Upper
97 100
83 84.3 65.1 97.7
85 54.9 43.4 65.2
99 62.8 49.2 73.8



#56
Ethyl methacrylate
Concen: 59.885 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 69 Resp: 166494
Ion Ratio Lower Upper
69 100
41 59.5 39.6 59.4#
39 30.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 53.648 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

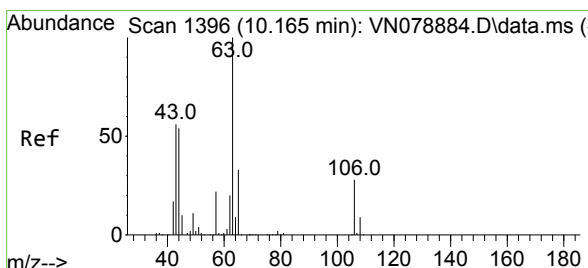
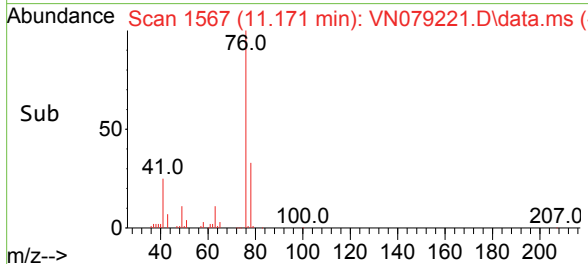
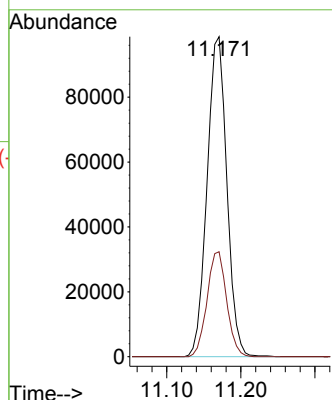
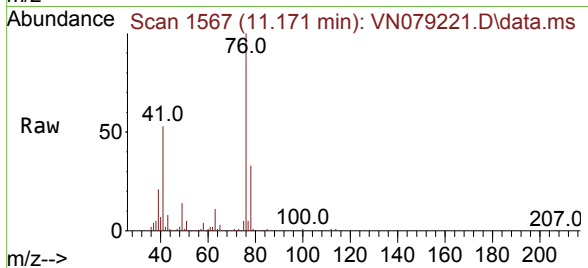
ClientSampleId :

Tgt Ion: 76 Resp: 182656

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 234.486 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079221.D

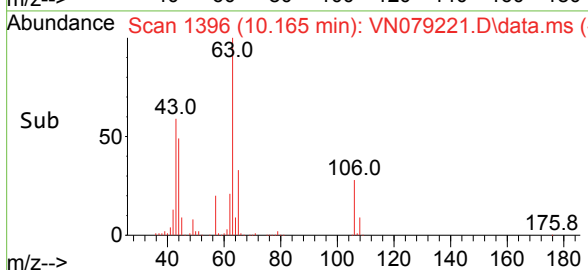
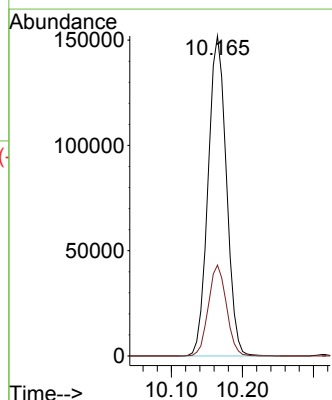
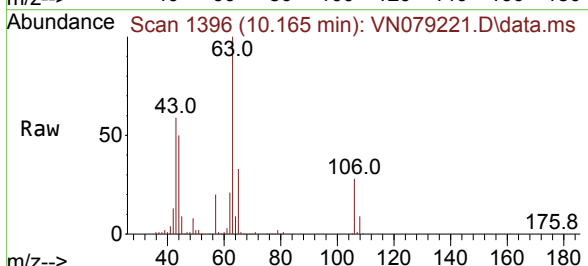
Acq: 11 Sep 2023 16:54

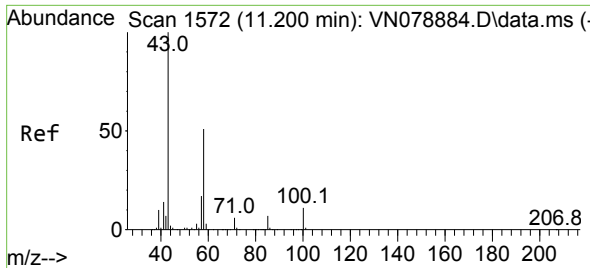
Tgt Ion: 63 Resp: 272175

Ion Ratio Lower Upper

63 100

106 28.0 26.2 39.4

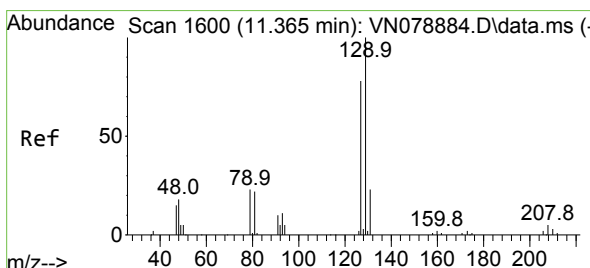
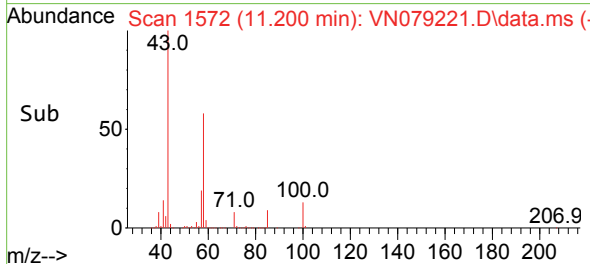
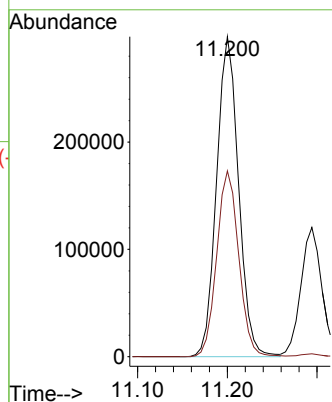
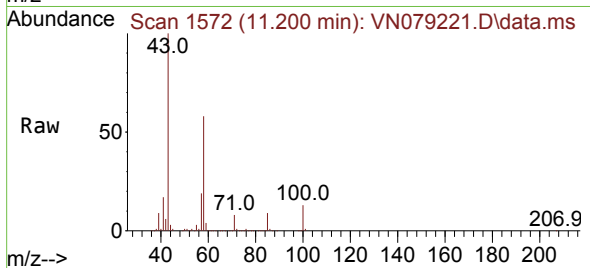




#59
2-Hexanone
Concen: 277.718 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

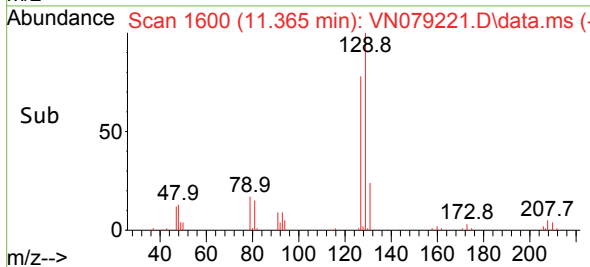
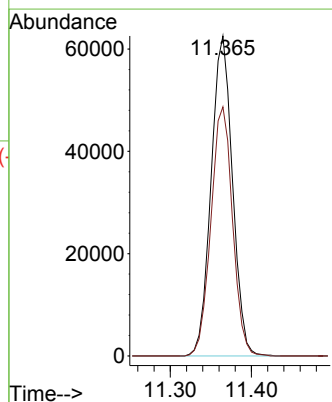
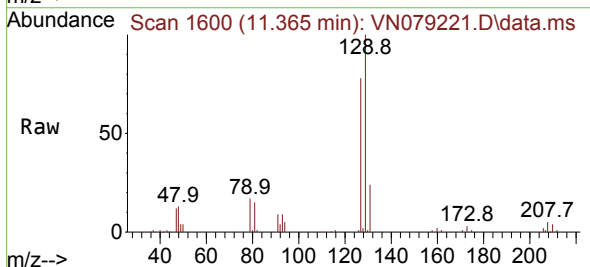
Instrument :
MSVOA_N
ClientSampleId :

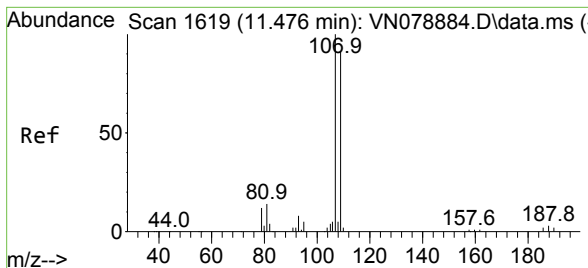
Tgt Ion: 43 Resp: 507015
Ion Ratio Lower Upper
43 100
58 58.3 31.7 95.1



#60
Dibromochloromethane
Concen: 54.518 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion:129 Resp: 114276
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0

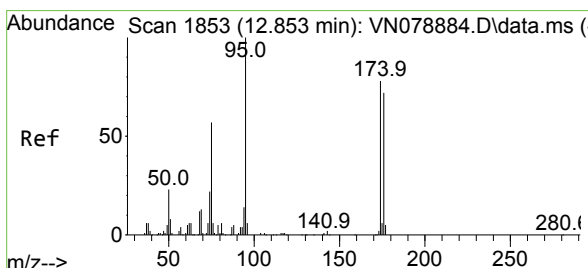
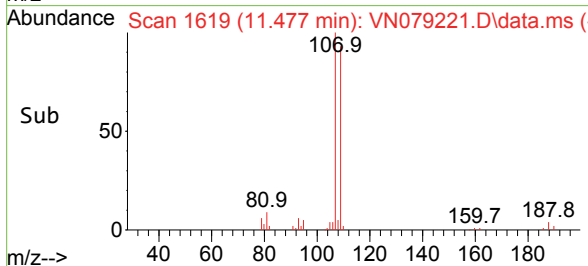
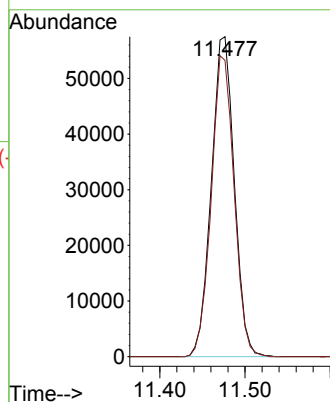
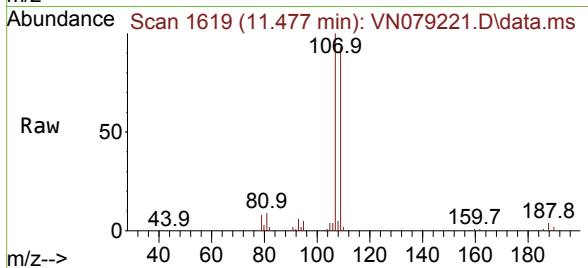




#61
1,2-Dibromoethane
Concen: 54.829 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

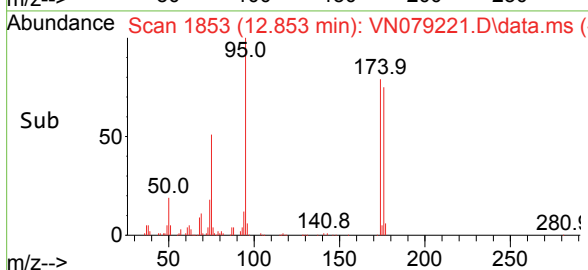
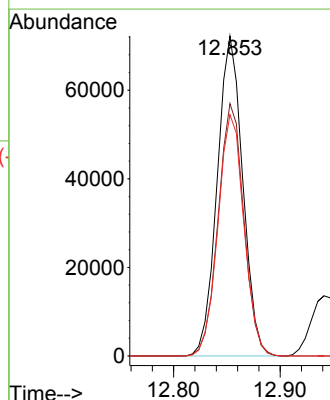
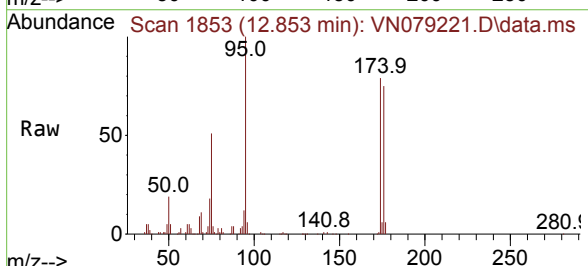
Instrument :
MSVOA_N
ClientSampleId :

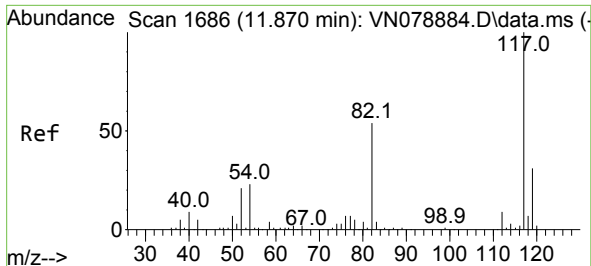
Tgt Ion:107 Resp: 107767
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 59.159 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

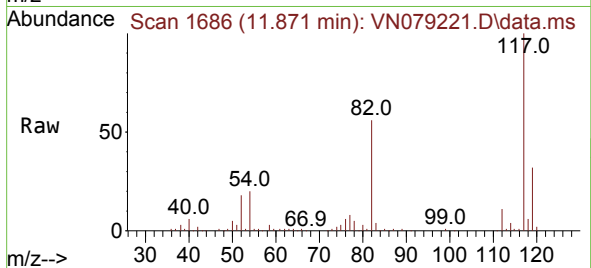
Tgt Ion: 95 Resp: 119936
Ion Ratio Lower Upper
95 100
174 79.3 0.0 143.8
176 76.7 0.0 135.8



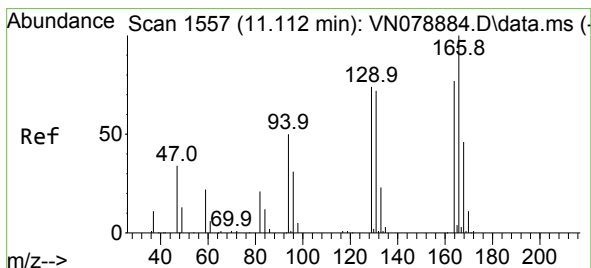
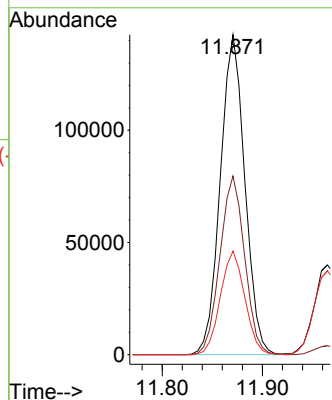
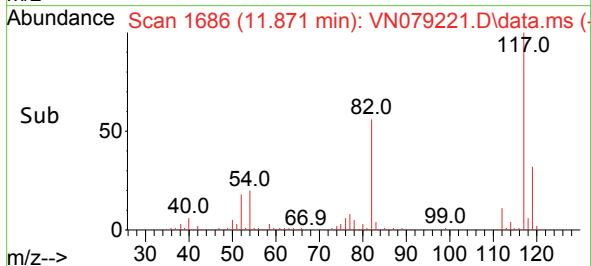


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

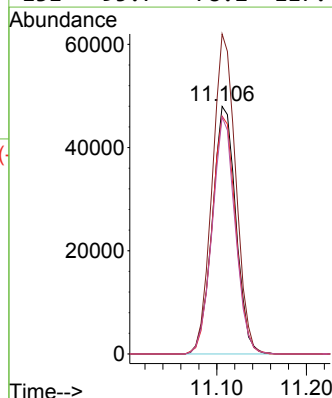
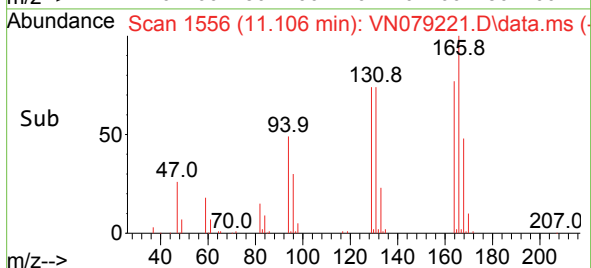
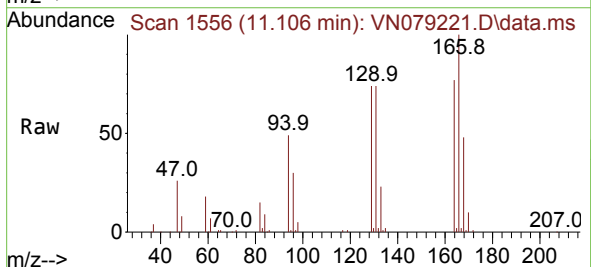


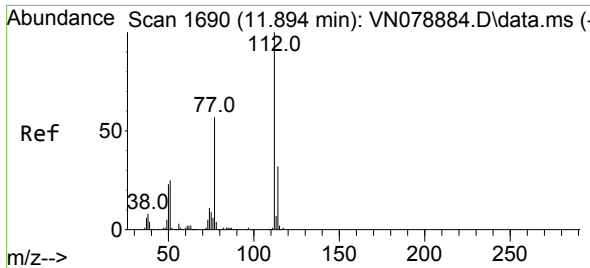
Tgt Ion:117 Resp: 241991
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 49.531 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion:164 Resp: 87399
Ion Ratio Lower Upper
164 100
166 129.3 101.4 152.0
129 96.1 82.4 123.6
131 95.7 78.2 117.4

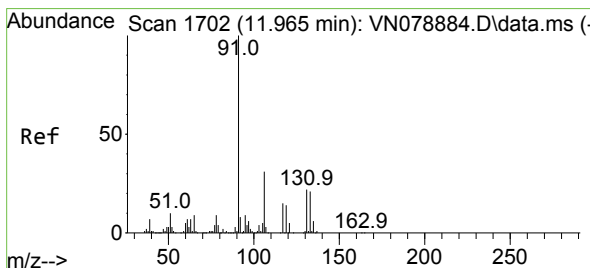
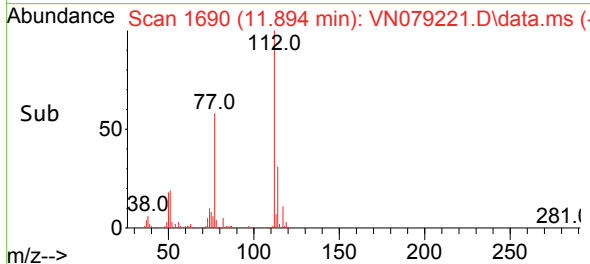
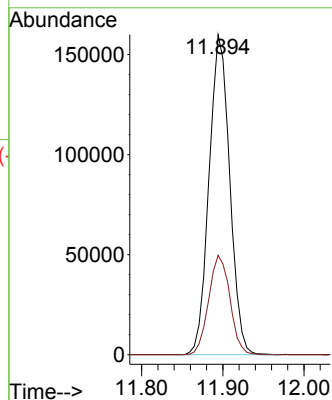
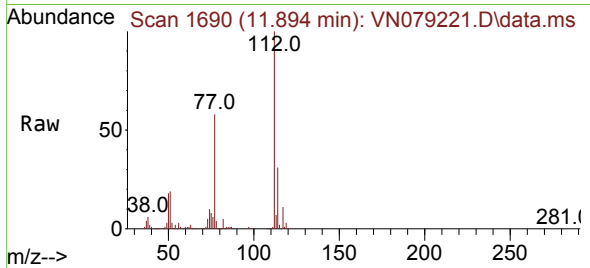




#65
Chlorobenzene
Concen: 51.554 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

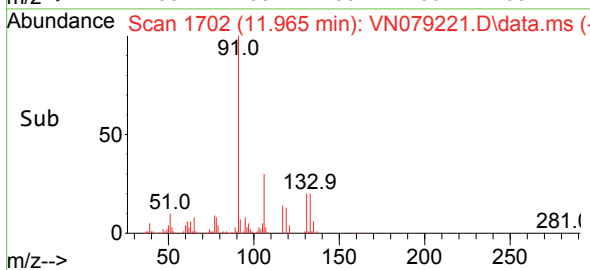
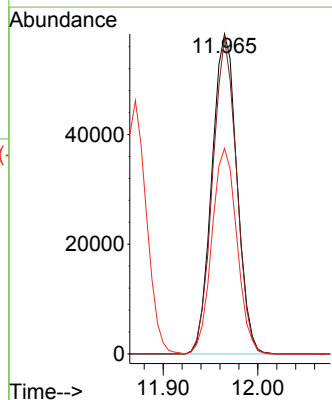
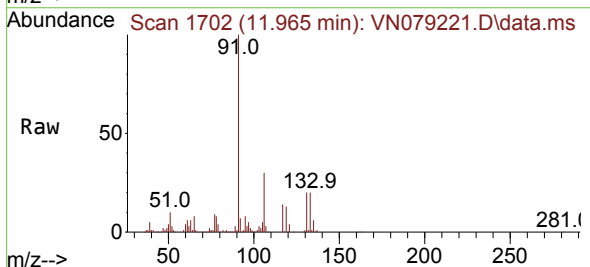
Instrument :
MSVOA_N
ClientSampleId :

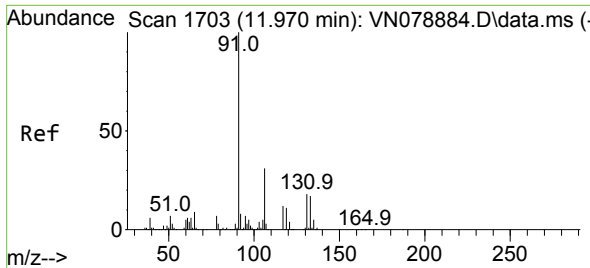
Tgt Ion:112 Resp: 282622
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.026 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion:131 Resp: 106950
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 64.4 34.1 102.2

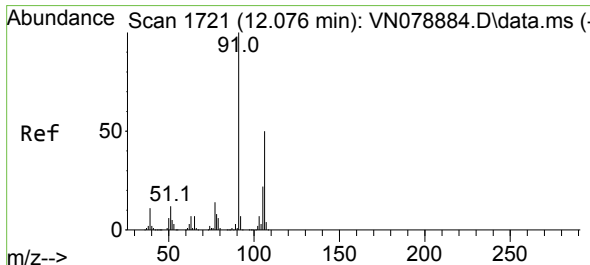
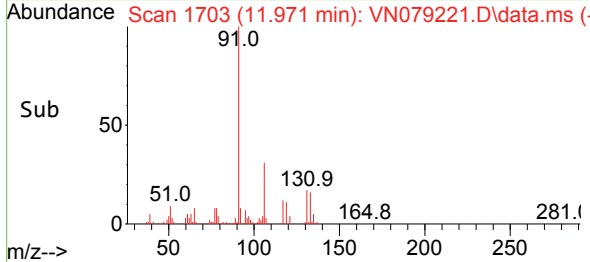
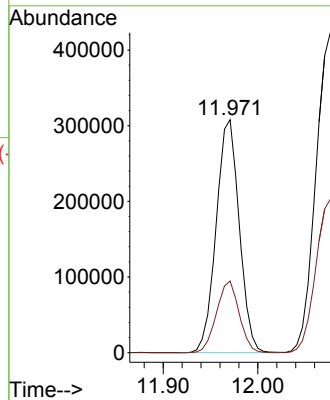
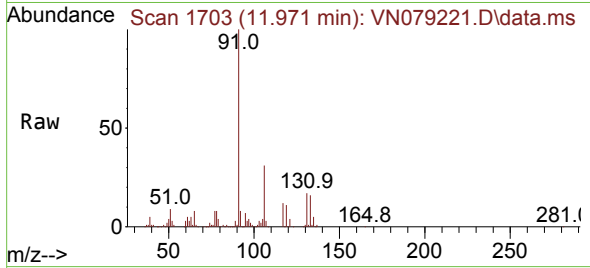




#67
Ethyl Benzene
Concen: 55.620 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

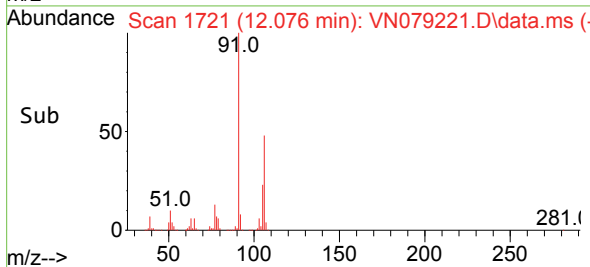
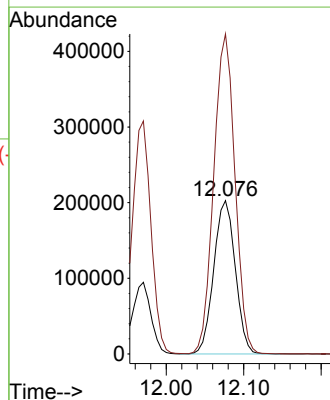
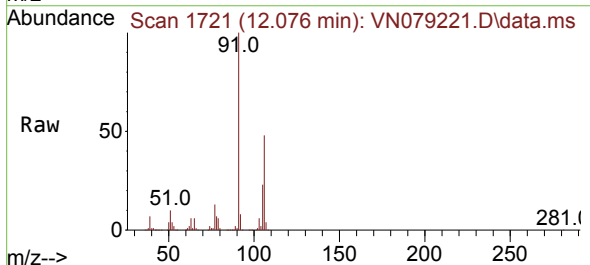
Instrument :
MSVOA_N
ClientSampleId :

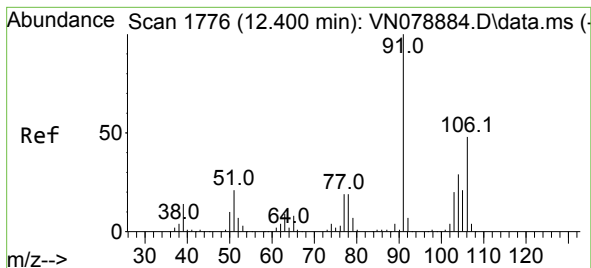
Tgt Ion: 91 Resp: 521541
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 111.875 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion:106 Resp: 391012
Ion Ratio Lower Upper
106 100
91 206.2 159.6 239.4





#69

o-Xylene

Concen: 56.516 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

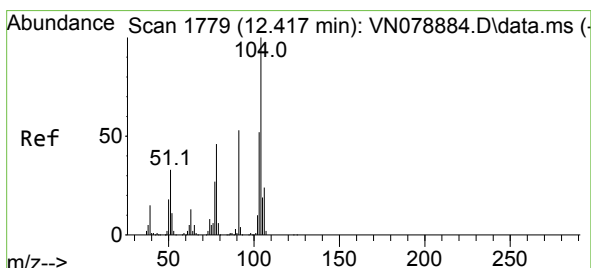
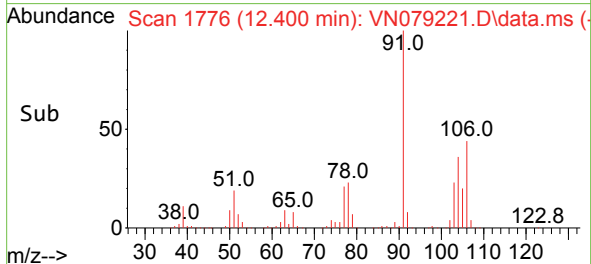
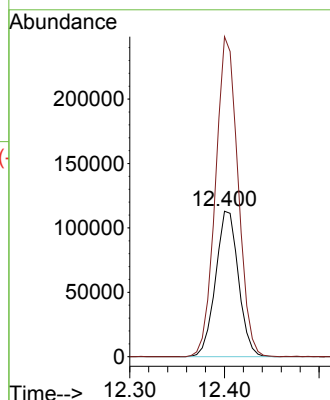
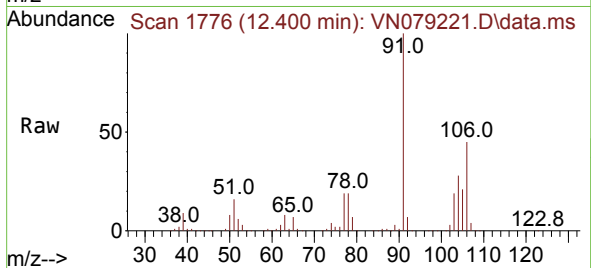
ClientSampleId :

Tgt Ion:106 Resp: 189444

Ion Ratio Lower Upper

106 100

91 216.9 105.2 315.5



#70

Styrene

Concen: 59.424 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

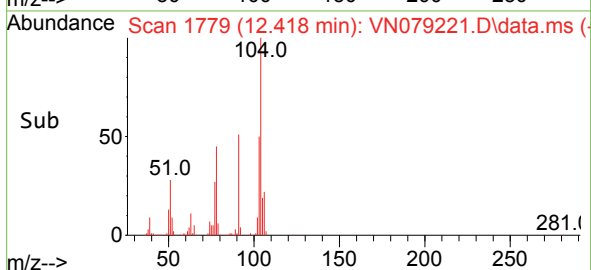
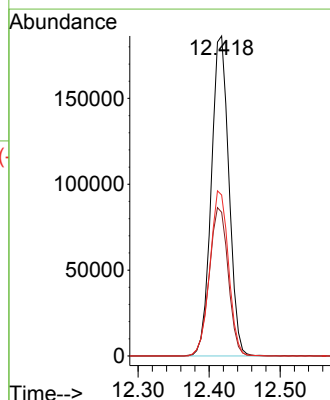
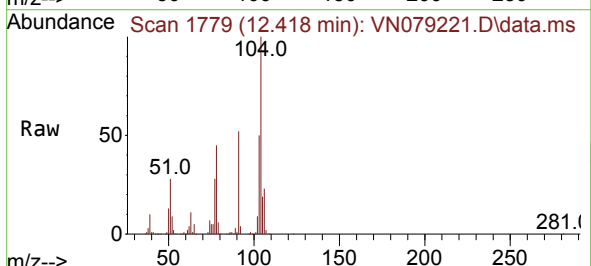
Tgt Ion:104 Resp: 320362

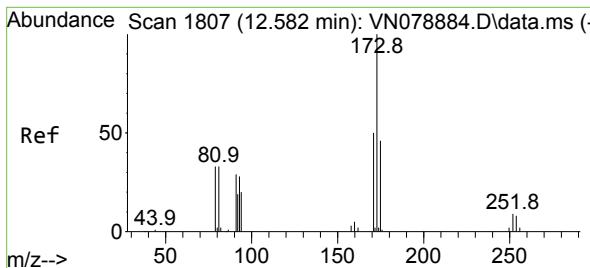
Ion Ratio Lower Upper

104 100

78 49.9 39.5 59.3

103 54.7 43.2 64.8





#71

Bromoform

Concen: 53.932 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

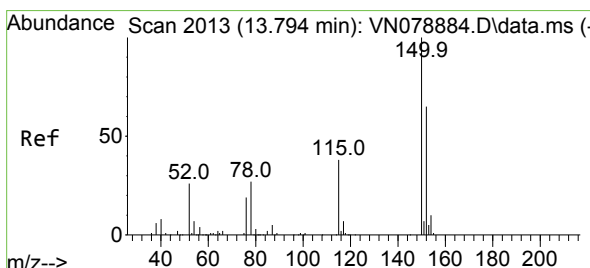
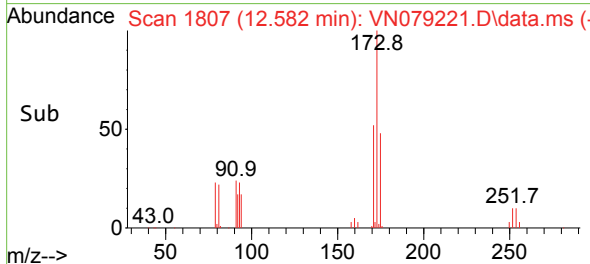
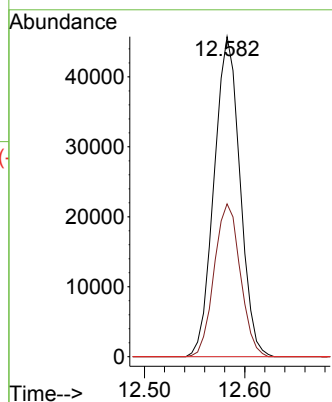
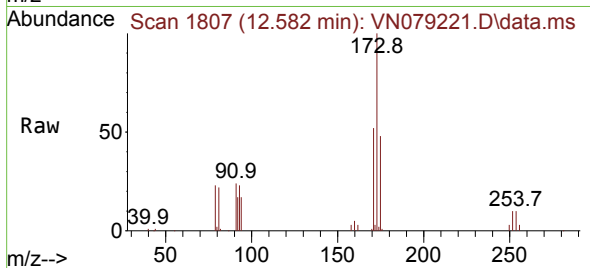
Tgt Ion:173 Resp: 81846

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

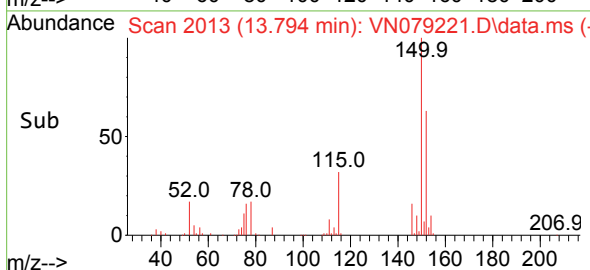
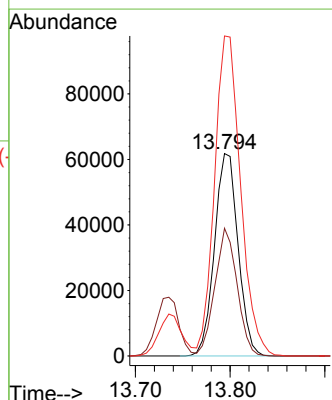
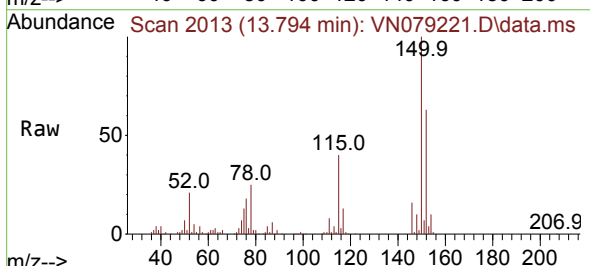
Tgt Ion:152 Resp: 106811

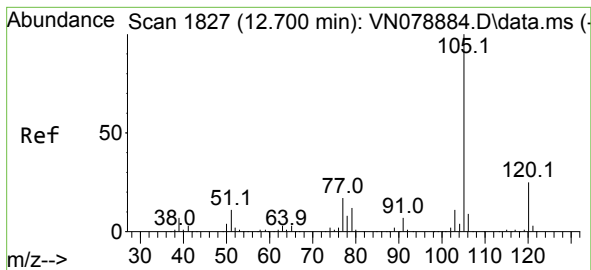
Ion Ratio Lower Upper

152 100

115 59.5 32.3 96.8

150 174.5 0.0 355.8





#73

Isopropylbenzene

Concen: 49.062 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

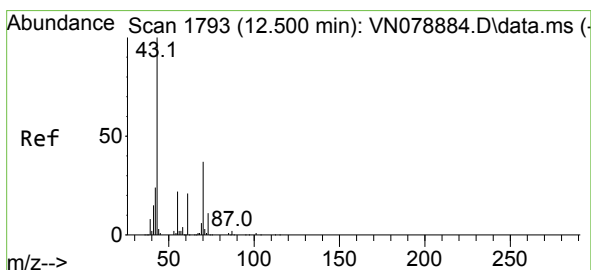
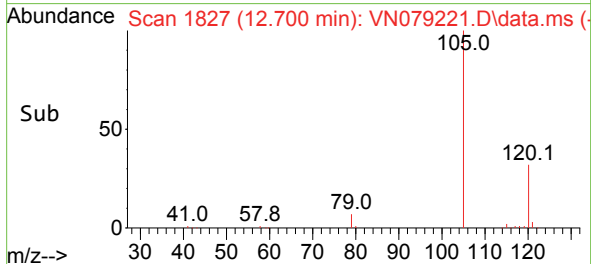
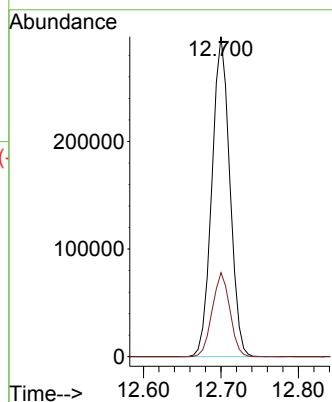
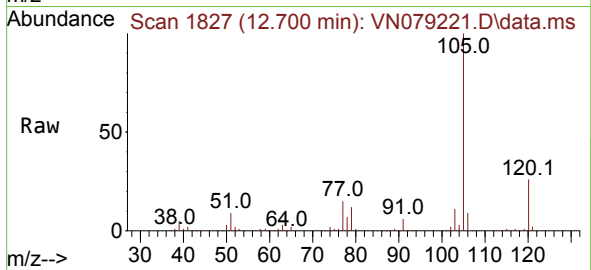
ClientSampleId :

Tgt Ion:105 Resp: 476782

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 50.291 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Tgt Ion: 43 Resp: 185418

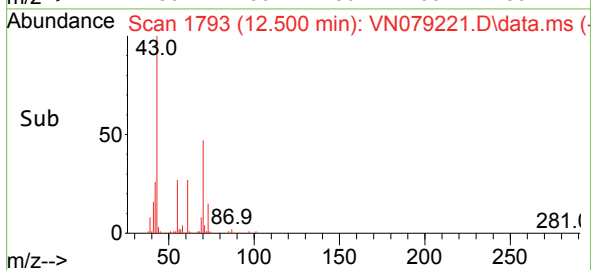
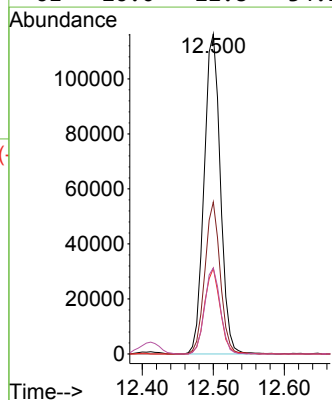
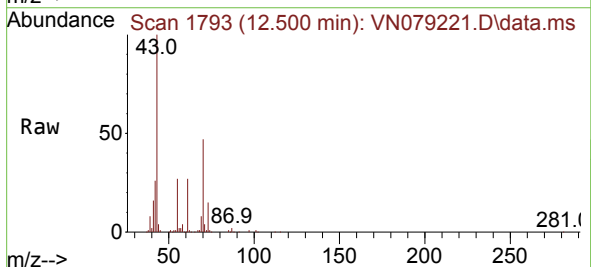
Ion Ratio Lower Upper

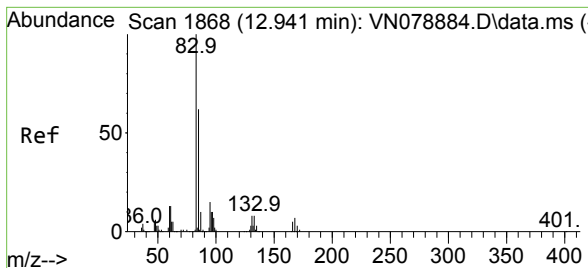
43 100

70 44.9 43.4 65.2

55 25.7 21.4 32.0

61 26.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 42.810 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

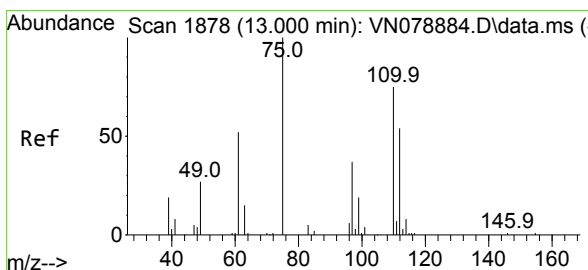
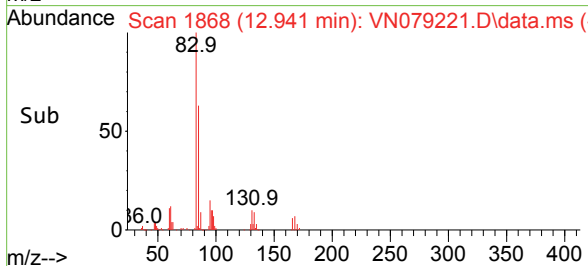
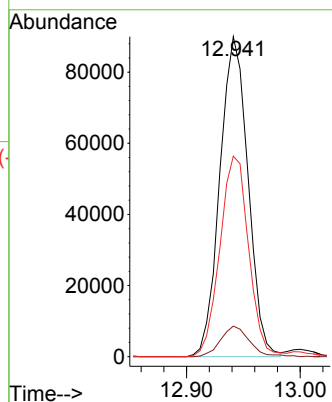
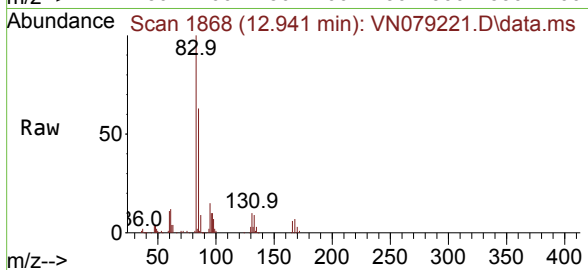
Tgt Ion: 83 Resp: 154919

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 66.639 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079221.D

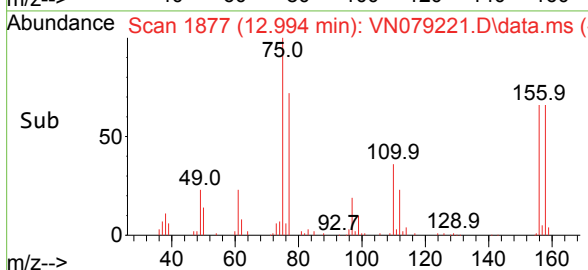
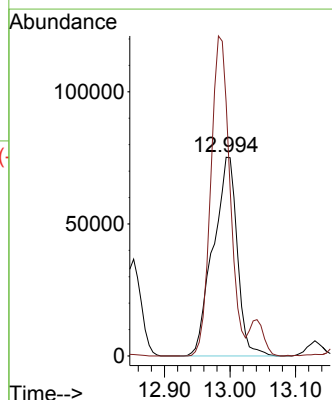
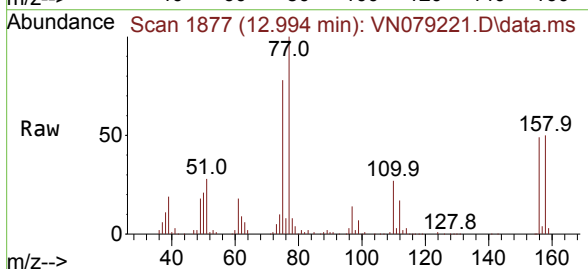
Acq: 11 Sep 2023 16:54

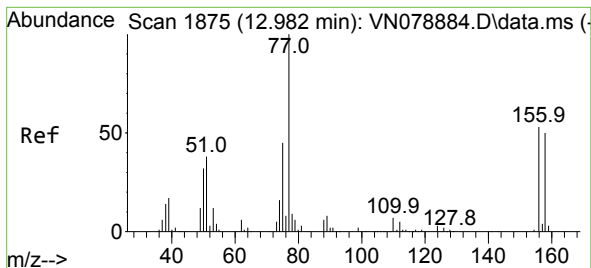
Tgt Ion: 75 Resp: 191834

Ion Ratio Lower Upper

75 100

77 127.6 84.5 253.5





#77

Bromobenzene

Concen: 47.157 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

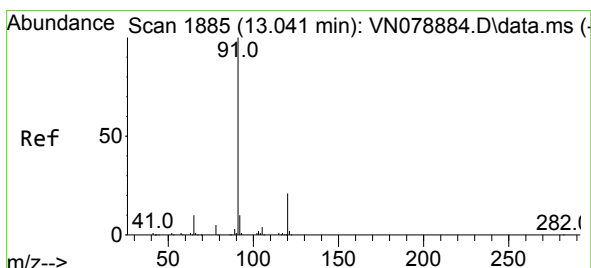
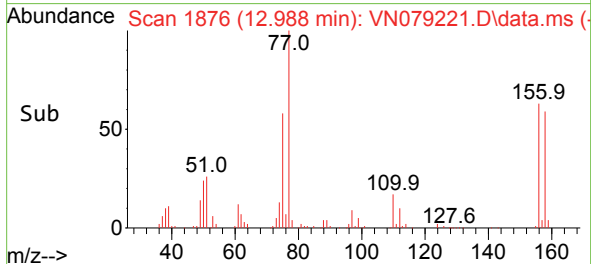
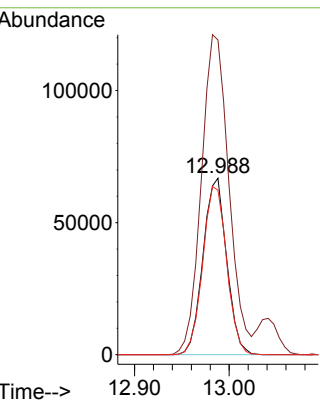
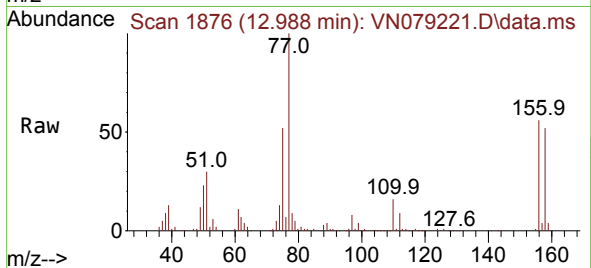
Tgt Ion:156 Resp: 116038

Ion Ratio Lower Upper

156 100

77 211.0 107.7 323.3

158 96.7 48.4 145.3



#78

n-propylbenzene

Concen: 51.564 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079221.D

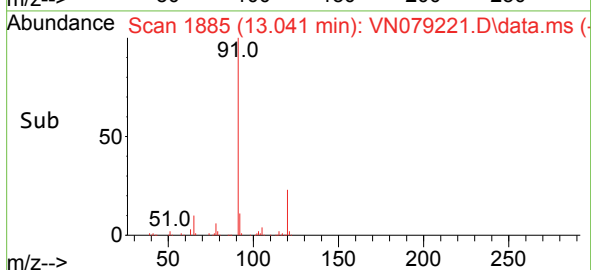
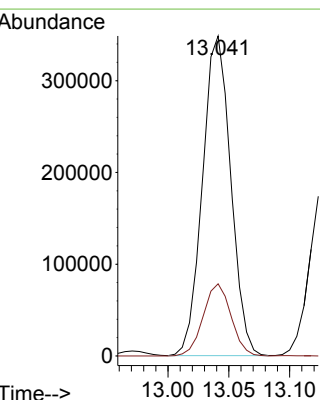
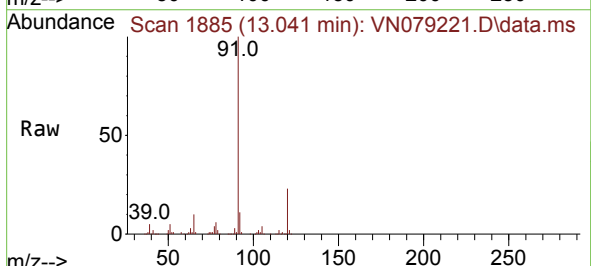
Acq: 11 Sep 2023 16:54

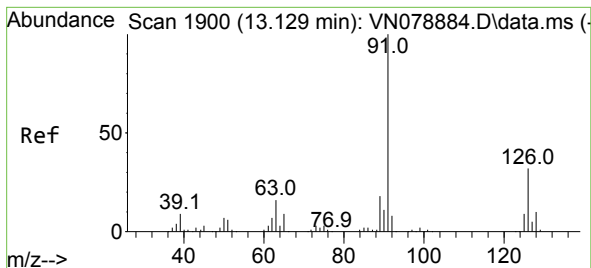
Tgt Ion: 91 Resp: 562901

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

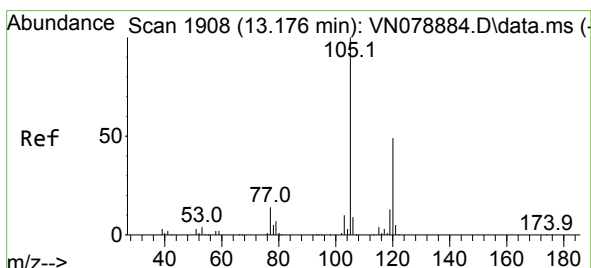
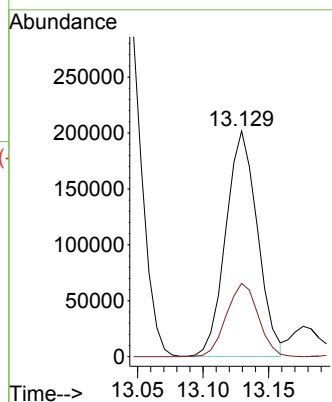
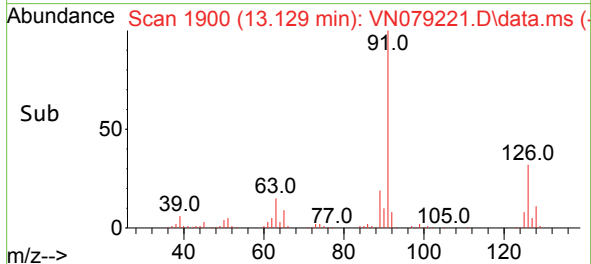
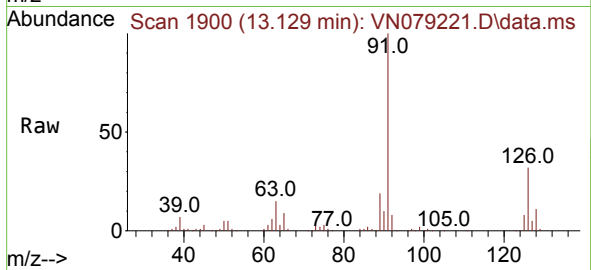




#79
2-Chlorotoluene
Concen: 47.416 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

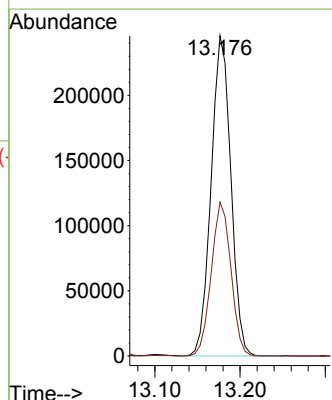
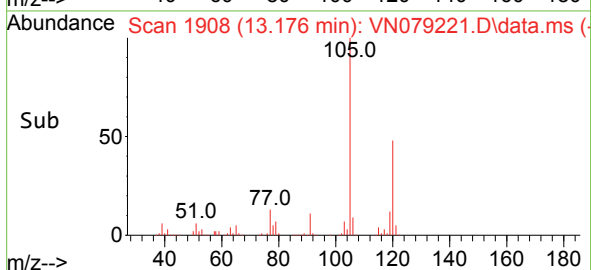
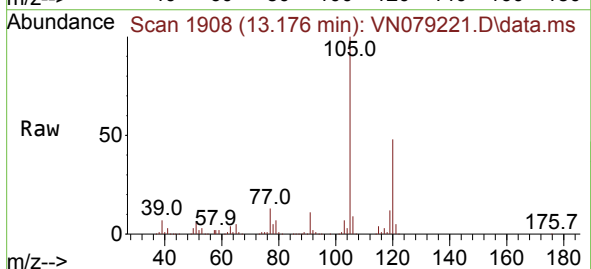
Instrument :
MSVOA_N
ClientSampleId :

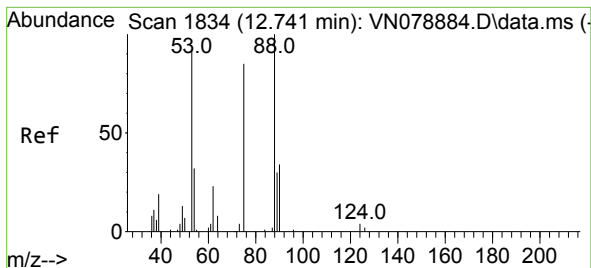
Tgt Ion: 91 Resp: 338546
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 48.882 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 105 Resp: 395821
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

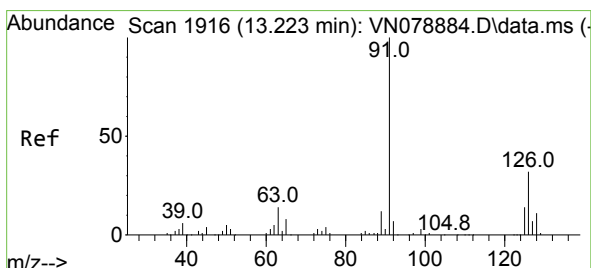
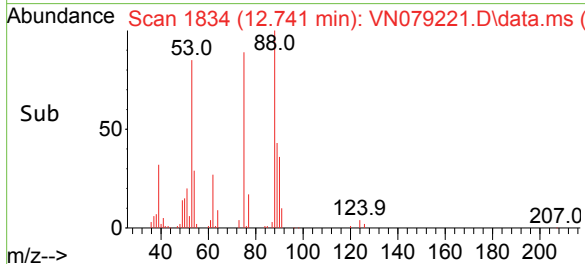
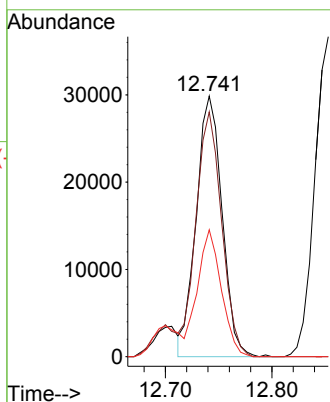
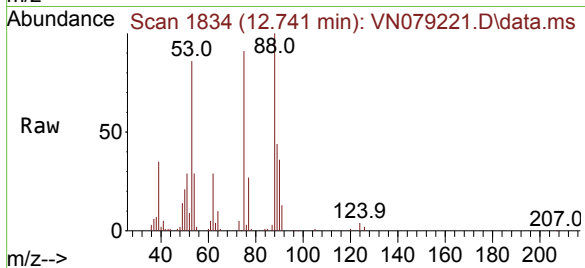




#81
trans-1,4-Dichloro-2-butene
Concen: 48.100 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

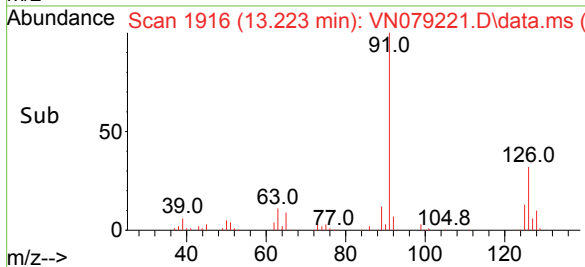
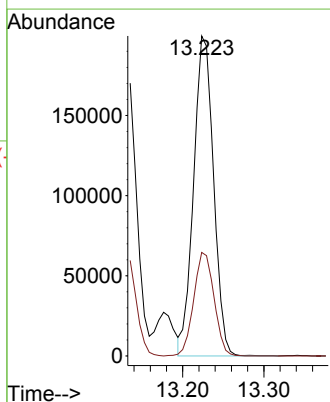
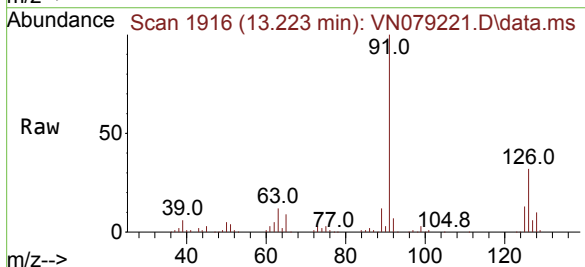
Instrument :
MSVOA_N
ClientSampleId :

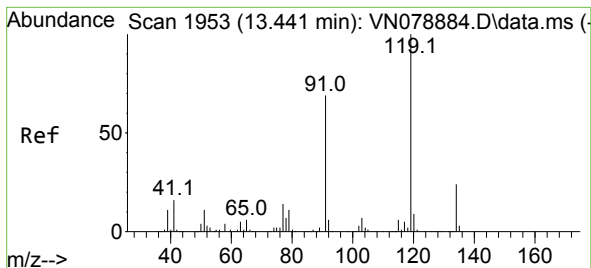
Tgt Ion: 75 Resp: 50365
Ion Ratio Lower Upper
75 100
53 93.6 67.4 101.2
89 44.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 50.814 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion: 91 Resp: 340910
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 49.933 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

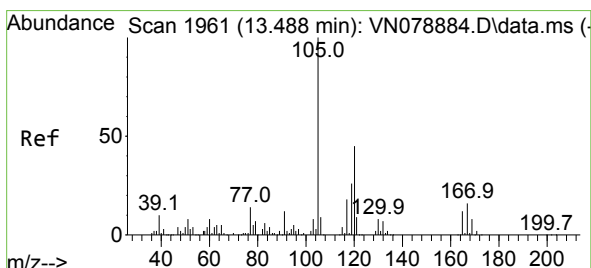
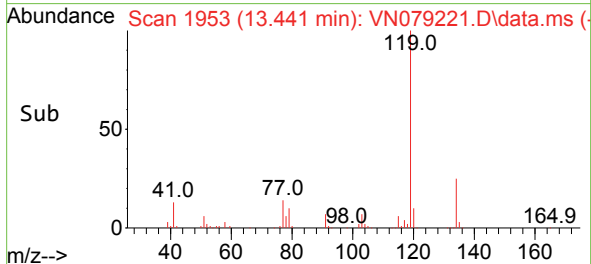
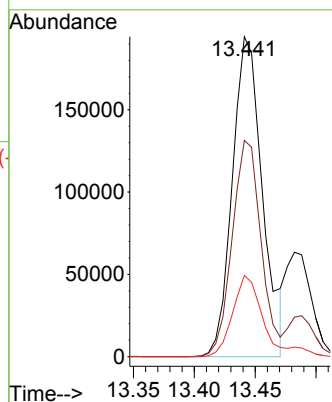
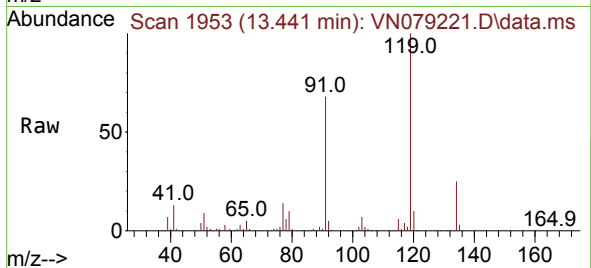
Tgt Ion:119 Resp: 334483

Ion Ratio Lower Upper

119 100

91 64.8 33.9 101.7

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 51.432 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079221.D

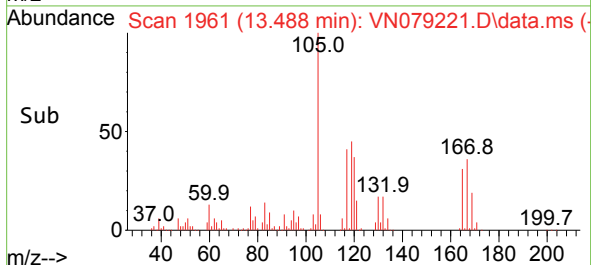
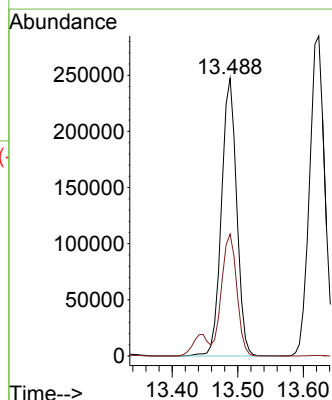
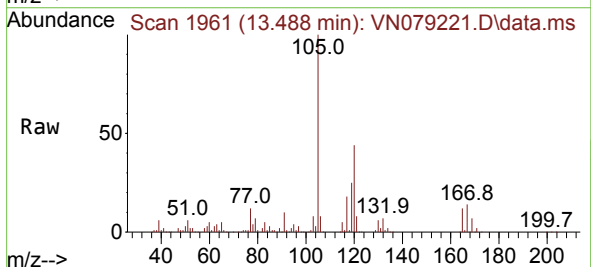
Acq: 11 Sep 2023 16:54

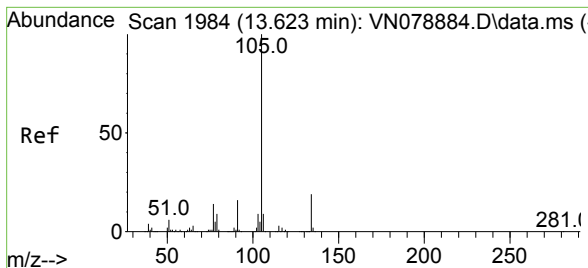
Tgt Ion:105 Resp: 396625

Ion Ratio Lower Upper

105 100

120 44.1 22.0 66.0

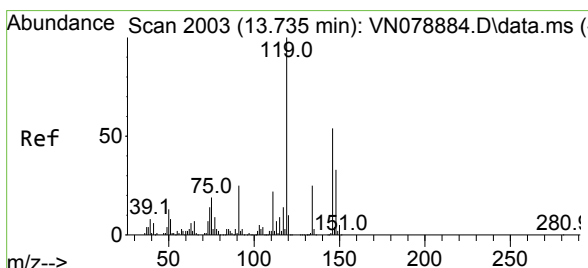
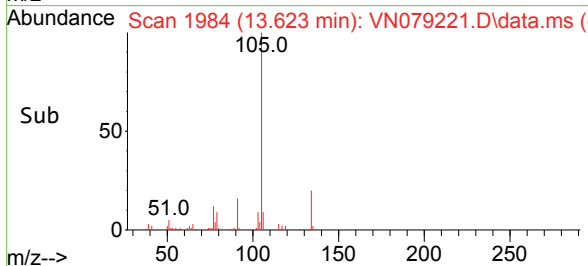
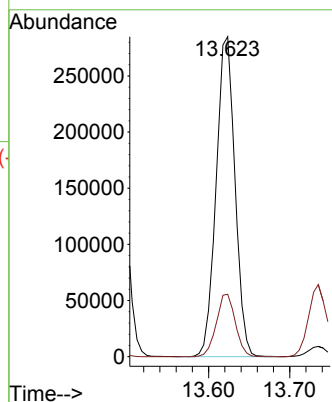
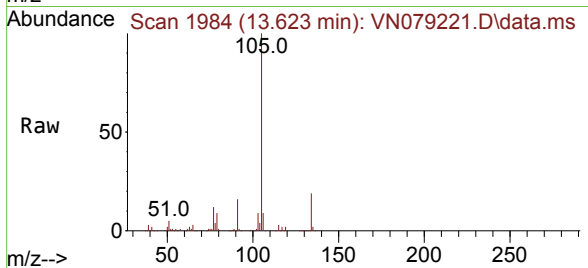




#85
 sec-Butylbenzene
 Concen: 49.929 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

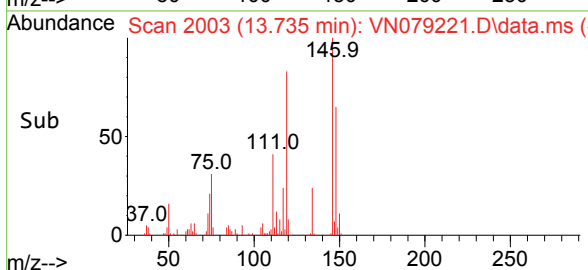
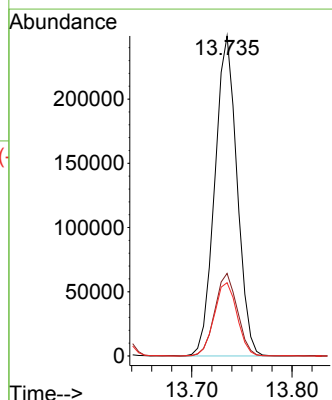
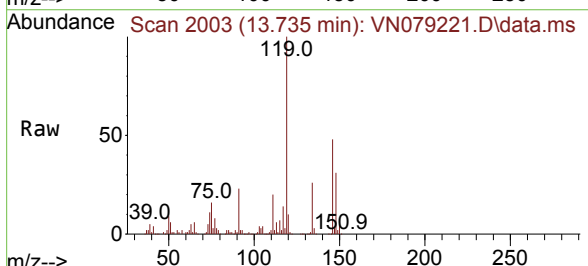
Instrument :
 MSVOA_N
 ClientSampleId :

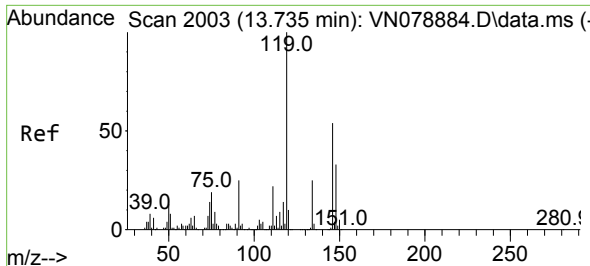
Tgt Ion:105 Resp: 460451
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.038 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

Tgt Ion:119 Resp: 383405
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 23.6 12.4 37.2

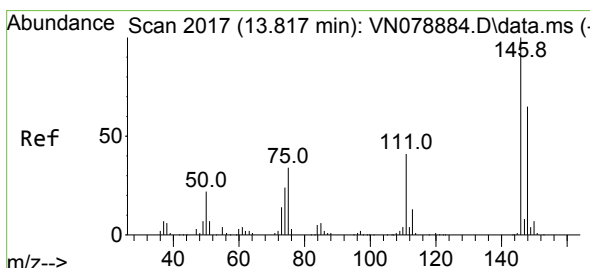
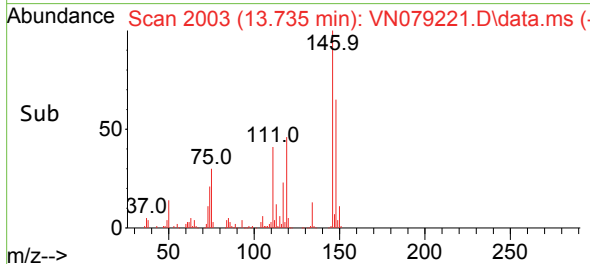
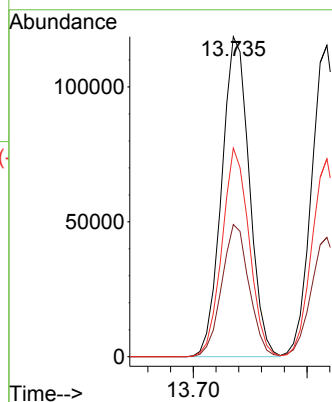
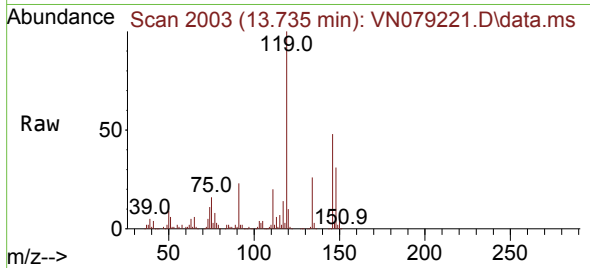




#87
 1,3-Dichlorobenzene
 Concen: 49.569 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

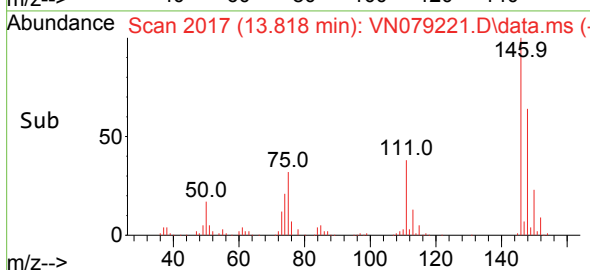
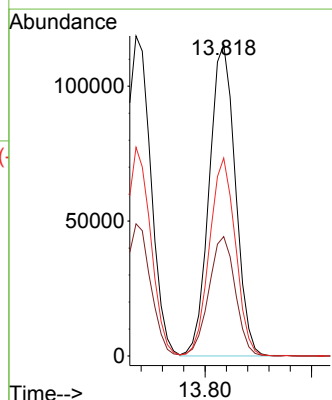
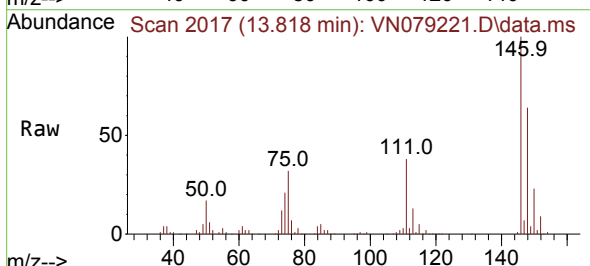
Instrument :
 MSVOA_N
 ClientSampleId :

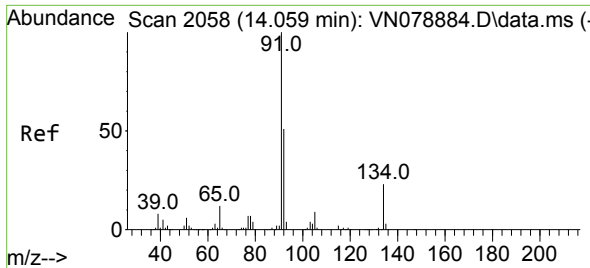
Tgt Ion:146 Resp: 200058
 Ion Ratio Lower Upper
 146 100
 111 41.0 22.1 66.3
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.177 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

Tgt Ion:146 Resp: 196479
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.6 61.8
 148 63.2 31.6 94.8

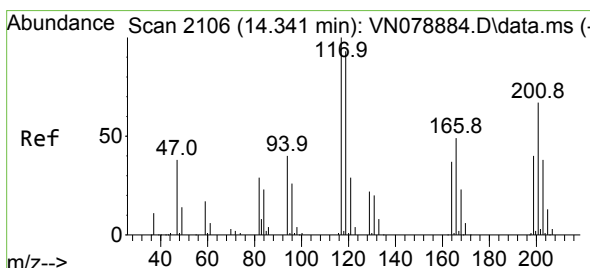
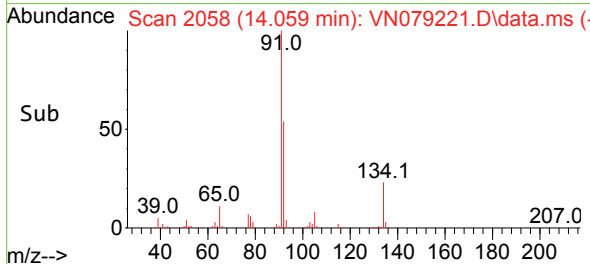
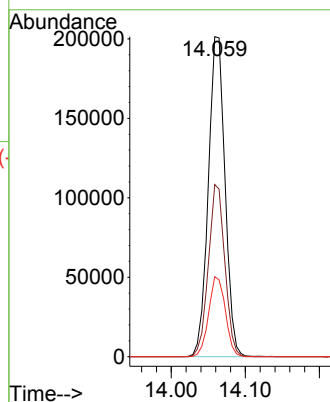
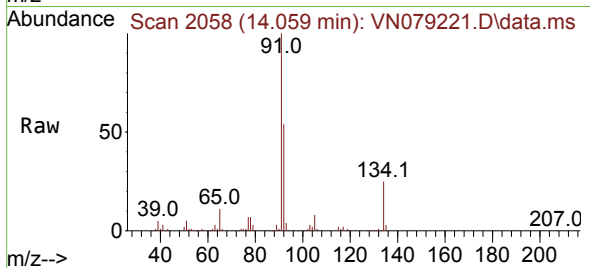




#89
n-Butylbenzene
Concen: 54.500 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

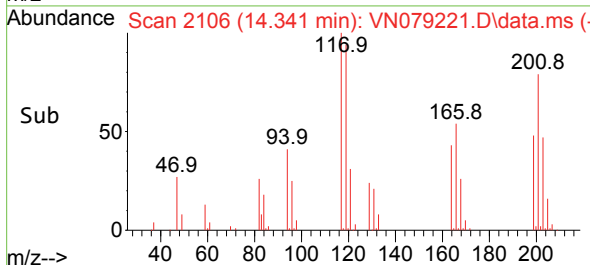
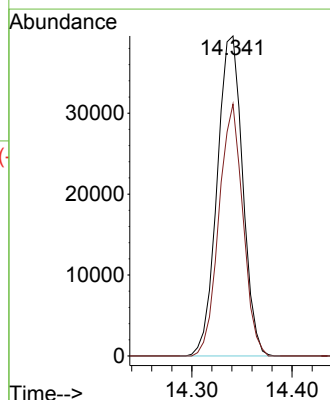
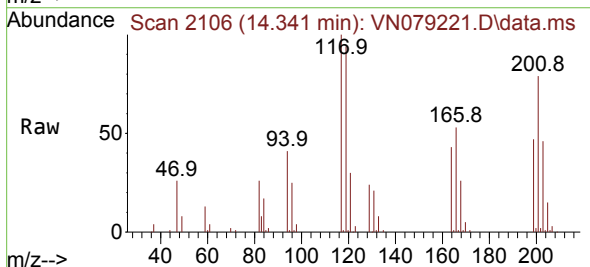
Instrument :
MSVOA_N
ClientSampleId :

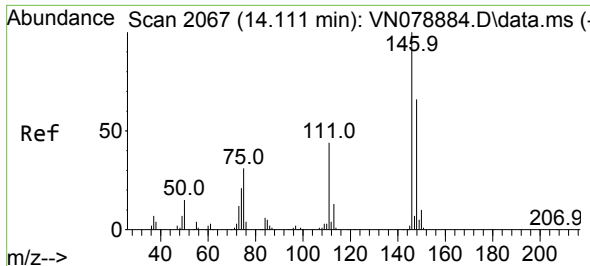
Tgt Ion: 91 Resp: 315757
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 24.9 12.6 37.6



#90
Hexachloroethane
Concen: 46.693 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

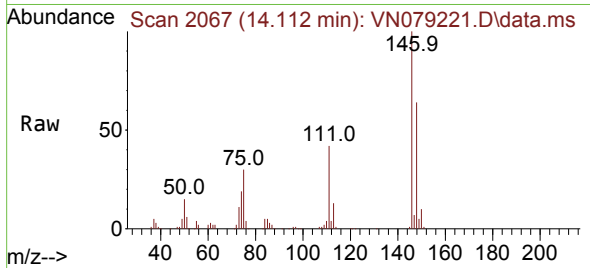
Tgt Ion: 117 Resp: 69862
Ion Ratio Lower Upper
117 100
201 73.9 29.3 88.0



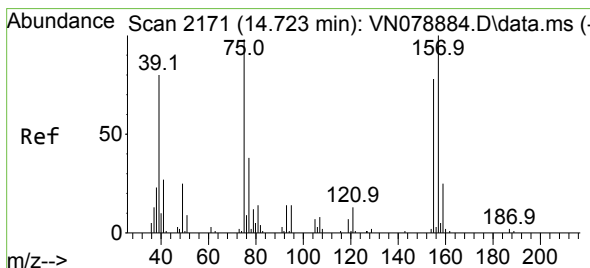
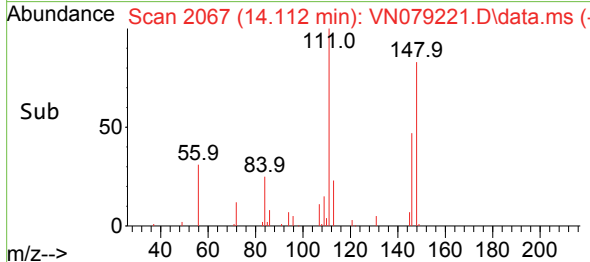
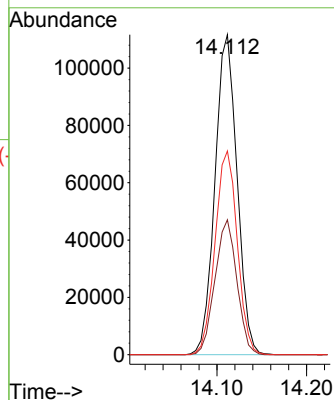


#91
 1,2-Dichlorobenzene
 Concen: 47.930 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

Instrument :
 MSVOA_N
 ClientSampleId :

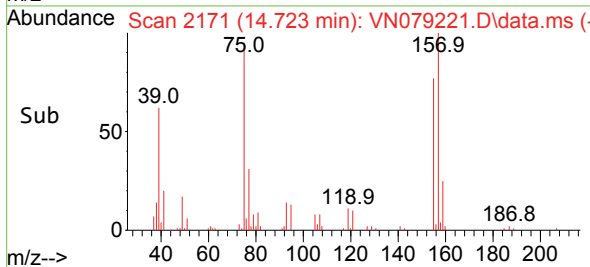
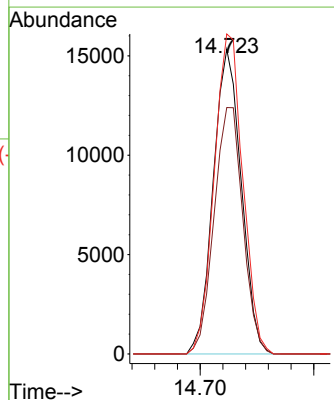
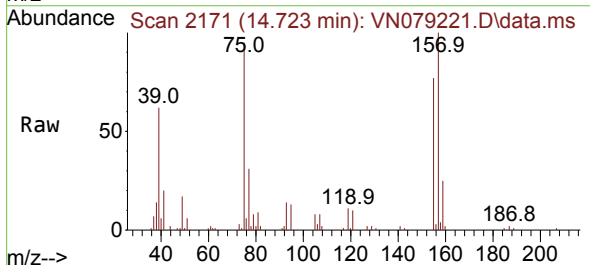


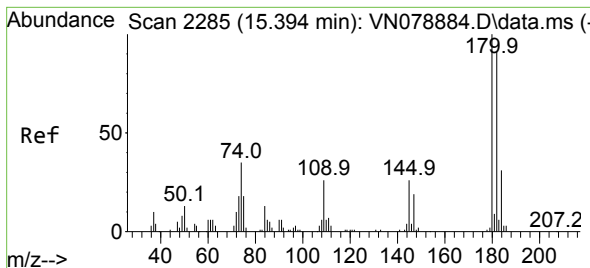
Tgt Ion:146 Resp: 190965
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.0 66.0
 148 64.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.758 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079221.D
 Acq: 11 Sep 2023 16:54

Tgt Ion: 75 Resp: 26272
 Ion Ratio Lower Upper
 75 100
 155 82.9 39.1 117.2
 157 107.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 53.153 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079221.D

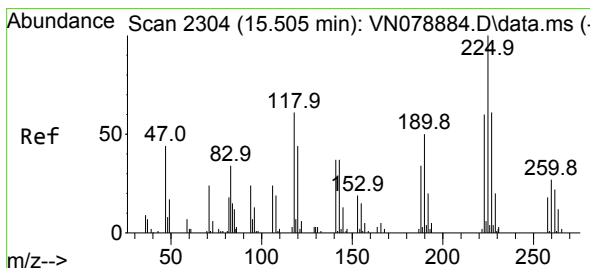
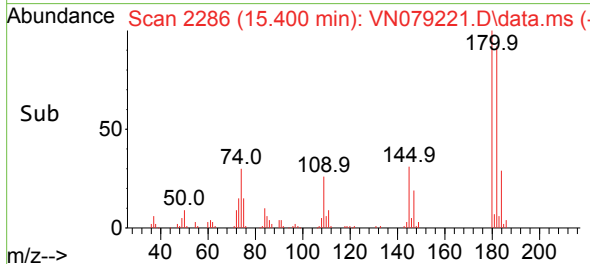
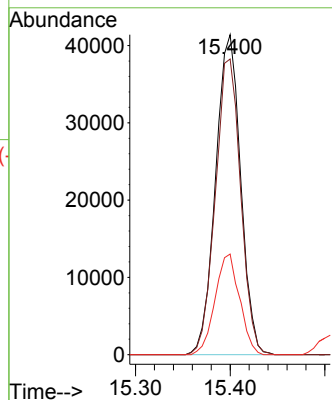
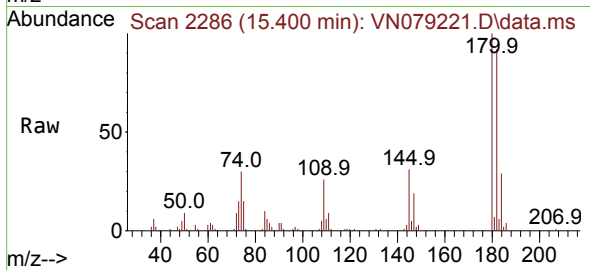
Acq: 11 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	180	Resp:	76103
Ion Ratio	Lower	Upper	
180	100		
182	93.3	46.1	138.2
145	30.8	16.6	49.8



#94

Hexachlorobutadiene

Concen: 43.331 ug/l

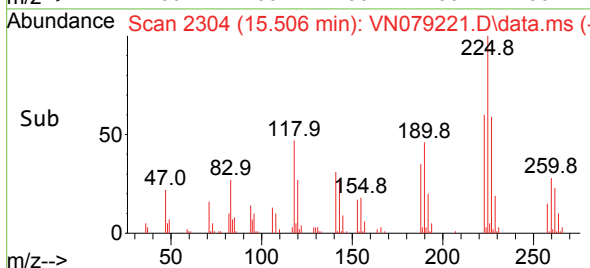
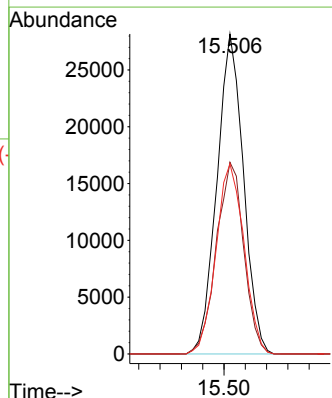
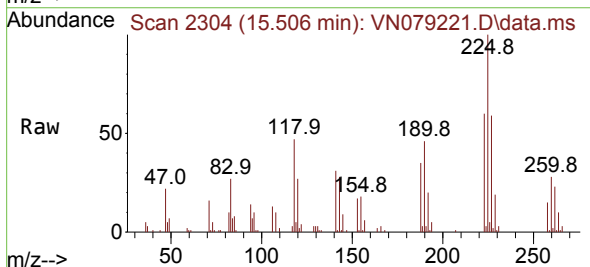
RT: 15.506 min Scan# 2304

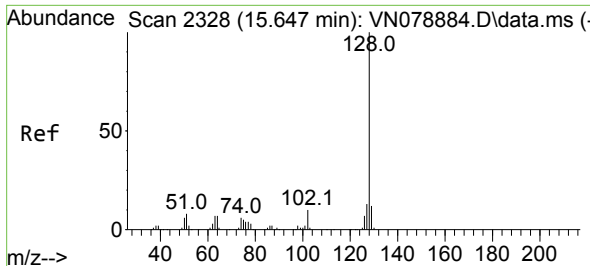
Delta R.T. -0.000 min

Lab File: VN079221.D

Acq: 11 Sep 2023 16:54

Tgt Ion:	225	Resp:	48804
Ion Ratio	Lower	Upper	
225	100		
223	61.7	31.3	93.8
227	62.5	31.9	95.9

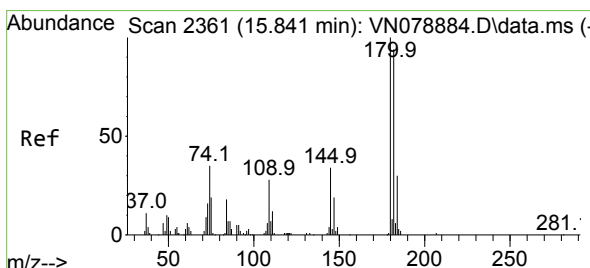
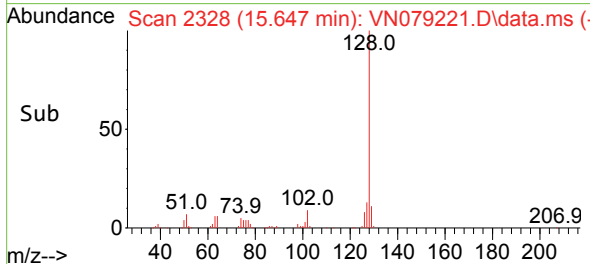
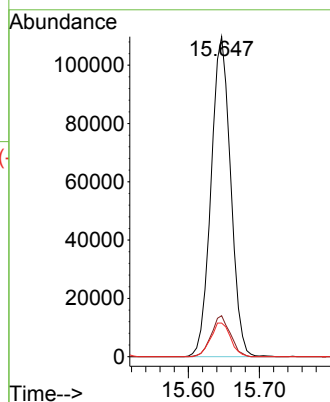
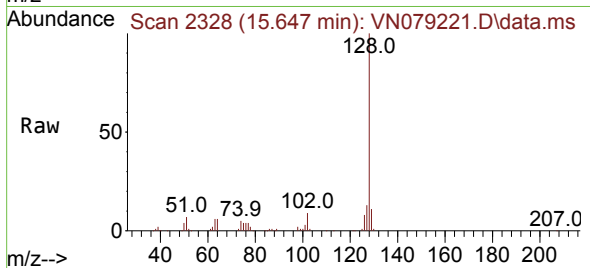




#95
Naphthalene
Concen: 49.368 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 209936
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.176 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079221.D
Acq: 11 Sep 2023 16:54

Tgt Ion:180 Resp: 79676
Ion Ratio Lower Upper
180 100
182 95.4 46.2 138.6
145 32.4 17.5 52.6

