

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079721.D
 Acq On : 30 Oct 2023 12:34
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 31 07:27:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	255389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	458843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	392961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	5827	1.421	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.840%#
35) Dibromofluoromethane	8.171	113	3864	1.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.360%#
50) Toluene-d8	10.576	98	11235	0.919	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.840%#
62) 4-Bromofluorobenzene	12.853	95	3066	0.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	3275	0.971	ug/l	100
3) Chloromethane	2.365	50	5452	1.335	ug/l	97
4) Vinyl Chloride	2.512	62	5184	1.179	ug/l #	81
5) Bromomethane	2.953	94	4704	1.629	ug/l	99
6) Chloroethane	3.118	64	4772	1.481	ug/l #	88
7) Trichlorofluoromethane	3.506	101	5635	1.089	ug/l	96
8) Diethyl Ether	3.959	74	1998	1.067	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	3159	1.054	ug/l	91
10) Methyl Iodide	4.583	142	1607	0.533	ug/l #	90
11) Tert butyl alcohol	5.536	59	4099	7.535	ug/l #	77
12) 1,1-Dichloroethene	4.353	96	3275	1.167	ug/l #	87
13) Acrolein	4.183	56	3553	6.493	ug/l	98
14) Allyl chloride	5.018	41	5315	1.129	ug/l #	58
15) Acrylonitrile	5.730	53	8833	5.277	ug/l	94
16) Acetone	4.447	43	9351	5.329	ug/l	97
17) Carbon Disulfide	4.706	76	10389	1.212	ug/l #	93
18) Methyl Acetate	5.053	43	8884	1.255	ug/l #	63
19) Methyl tert-butyl Ether	5.806	73	8966	0.944	ug/l	95
20) Methylene Chloride	5.277	84	4601	1.324	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	3596	1.129	ug/l	93
22) Diisopropyl ether	6.677	45	9548	0.903	ug/l #	80
23) Vinyl Acetate	6.624	43	26665	4.578	ug/l #	84
24) 1,1-Dichloroethane	6.559	63	6554	1.034	ug/l #	81
25) 2-Butanone	7.494	43	12388	5.140	ug/l	89
26) 2,2-Dichloropropane	7.494	77	5886	1.147	ug/l #	75
27) cis-1,2-Dichloroethene	7.500	96	4416	1.204	ug/l	91
28) Bromochloromethane	7.812	49	3458	1.115	ug/l #	73
29) Tetrahydrofuran	7.847	42	7611	5.169	ug/l #	74
30) Chloroform	7.965	83	6943	1.088	ug/l	92
31) Cyclohexane	8.247	56	12011	2.147	ug/l #	75
32) 1,1,1-Trichloroethane	8.177	97	6101	1.103	ug/l #	44
36) 1,1-Dichloropropene	8.371	75	5145	1.058	ug/l #	80
37) Ethyl Acetate	7.565	43	5131	1.064	ug/l #	85
38) Carbon Tetrachloride	8.365	117	5442	1.122	ug/l #	94
39) Methylcyclohexane	9.612	83	4605	0.952	ug/l	97
40) Benzene	8.618	78	15351	1.069	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	2257	0.898	ug/l #	84
42) 1,2-Dichloroethane	8.665	62	2934	0.563	ug/l	90
43) Isopropyl Acetate	8.700	43	7731	1.003	ug/l #	86
44) Trichloroethene	9.359	130	3865	1.111	ug/l	78
45) 1,2-Dichloropropane	9.629	63	4049	1.062	ug/l	98
46) Dibromomethane	9.712	93	2725	1.060	ug/l	92
47) Bromodichloromethane	9.894	83	5408	1.048	ug/l #	89
48) Methyl methacrylate	9.688	41	3412	0.955	ug/l #	79
49) 1,4-Dioxane	9.700	88	1197	19.036	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	20660	4.308	ug/l	88
52) Toluene	10.641	92	7529	0.859	ug/l	89
53) t-1,3-Dichloropropene	10.835	75	4653	0.893	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	5240	0.919	ug/l #	83
55) 1,1,2-Trichloroethane	11.024	97	3694	1.066	ug/l #	81
56) Ethyl methacrylate	10.882	69	3704	0.757	ug/l #	87
57) 1,3-Dichloropropane	11.171	76	5576	0.919	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.165	63	6858	3.803	ug/l #	84
59) 2-Hexanone	11.200	43	14396	4.083	ug/l	82
60) Dibromochloromethane	11.365	129	3334	0.930	ug/l	96
61) 1,2-Dibromoethane	11.476	107	3014	0.873	ug/l	90
64) Tetrachloroethene	11.106	164	3321	1.191	ug/l #	83
65) Chlorobenzene	11.894	112	9468	1.089	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.971	131	3515	1.088	ug/l #	63
67) Ethyl Benzene	11.965	91	13024	0.850	ug/l	92
68) m/p-Xylenes	12.076	106	9374	1.654	ug/l	97
69) o-Xylene	12.394	106	4570	0.839	ug/l	90
70) Styrene	12.418	104	6803	0.779	ug/l	98
71) Bromoform	12.588	173	2611	1.128	ug/l #	100
73) Isopropylbenzene	12.700	105	10641	1.150	ug/l	95
74) N-amyl acetate	12.500	43	4341	1.179	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.941	83	5018	1.531	ug/l	96
76) 1,2,3-Trichloropropane	12.988	75	5583	2.012	ug/l	58
77) Bromobenzene	12.988	156	2664	1.224	ug/l	88
78) n-propylbenzene	13.041	91	11010	1.033	ug/l	95
79) 2-Chlorotoluene	13.129	91	8658	1.303	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	7190	0.953	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.747	75	970	1.055	ug/l #	61
82) 4-Chlorotoluene	13.217	91	6369	0.998	ug/l	100
83) tert-Butylbenzene	13.447	119	6354	1.028	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	6172	0.848	ug/l	96
85) sec-Butylbenzene	13.623	105	8396	0.974	ug/l	97
86) p-Isopropyltoluene	13.735	119	5704	0.830	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	3568	0.969	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	3568	0.973	ug/l	92
89) n-Butylbenzene	14.059	91	4504	0.825	ug/l	97
90) Hexachloroethane	14.341	117	2099	1.446	ug/l	65
91) 1,2-Dichlorobenzene	14.112	146	3684	1.029	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	14.717	75	729	1.443	ug/l	79
93) 1,2,4-Trichlorobenzene	15.400	180	1016	0.952	ug/l	78
94) Hexachlorobutadiene	15.506	225	1667	1.760	ug/l	85
95) Naphthalene	15.647	128	3923	1.266	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	1299	1.090	ug/l #	82

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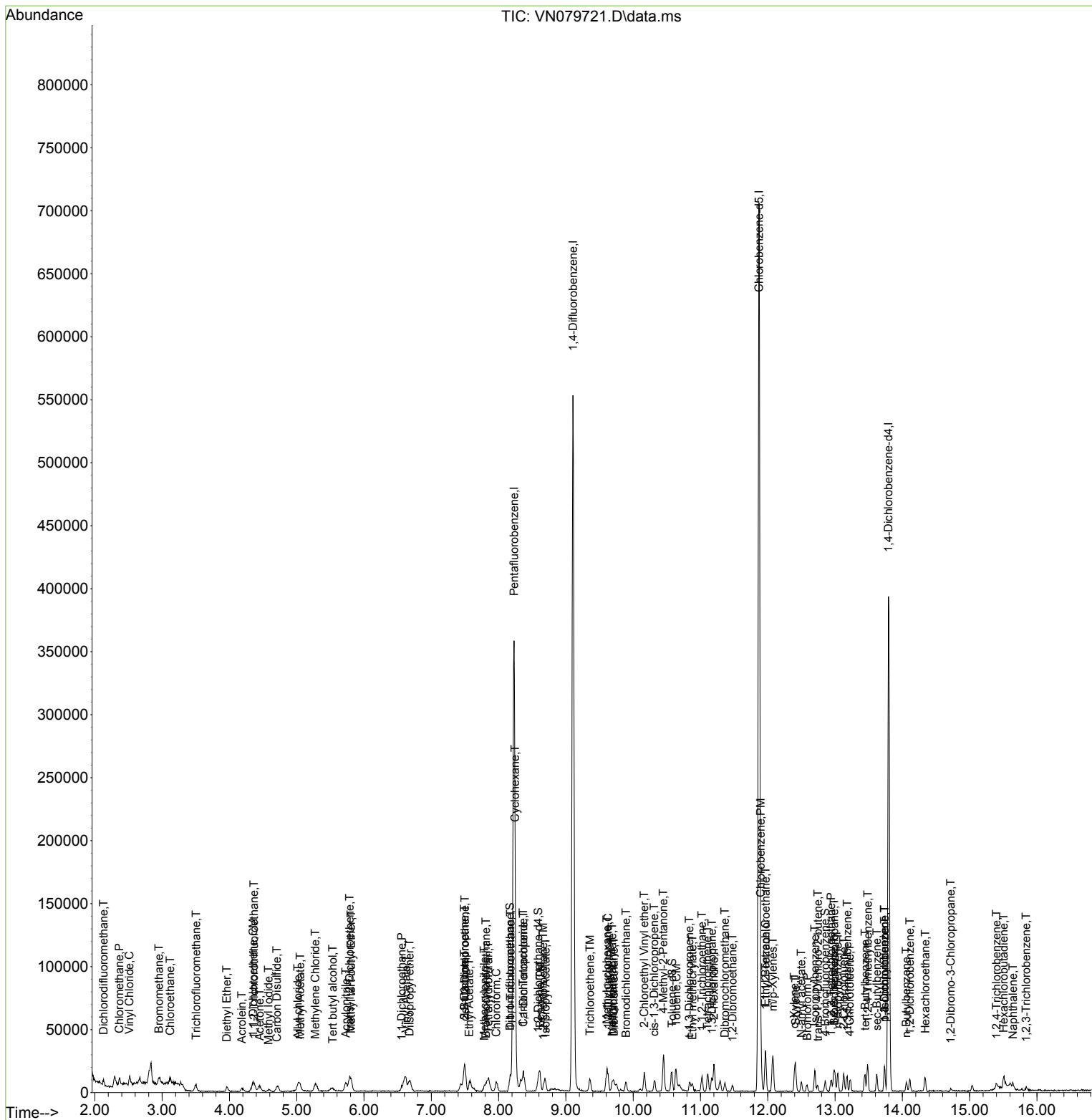
Instrument :
MSVOA_N
ClientSampleId :

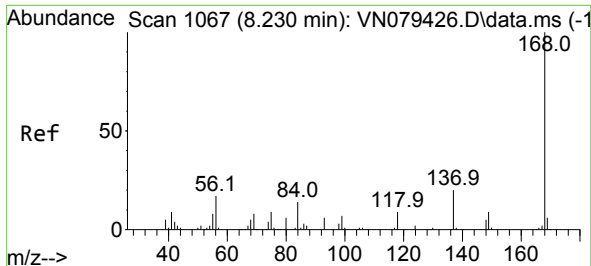
Quant Time: Oct 31 07:27:12 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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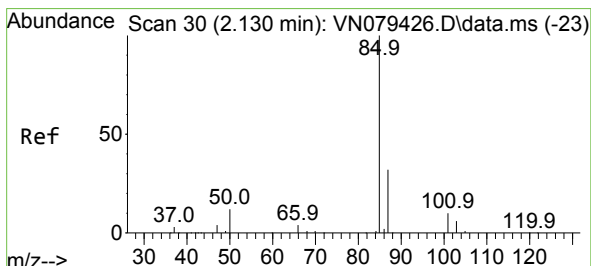
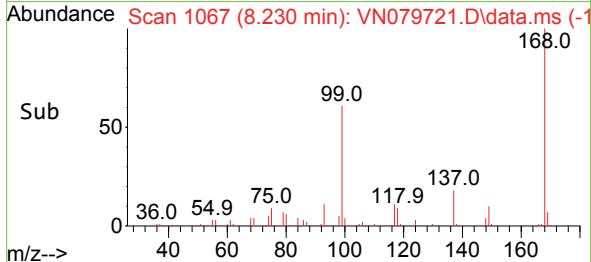
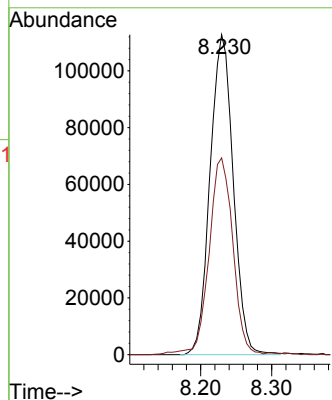
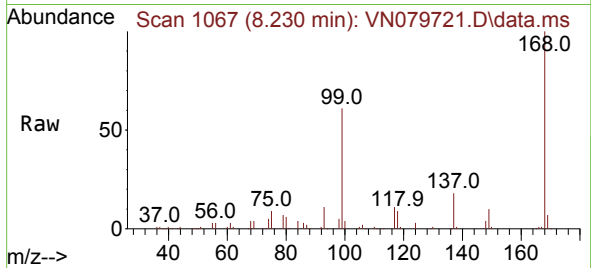




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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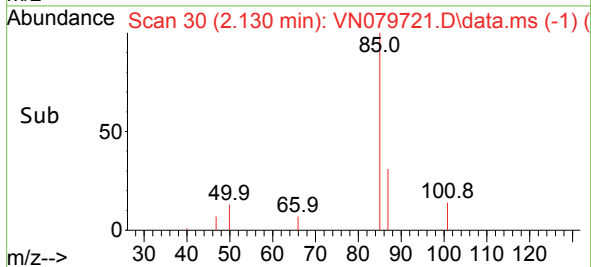
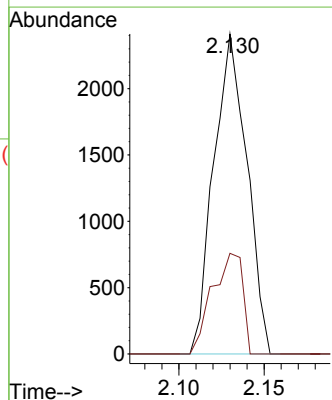
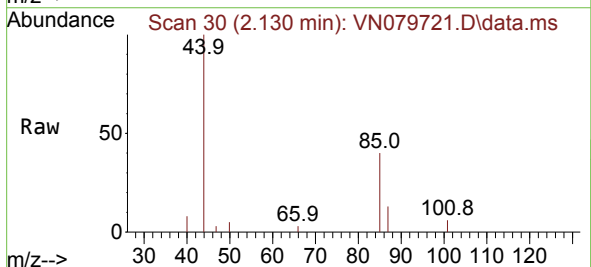
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ClientSampleId :

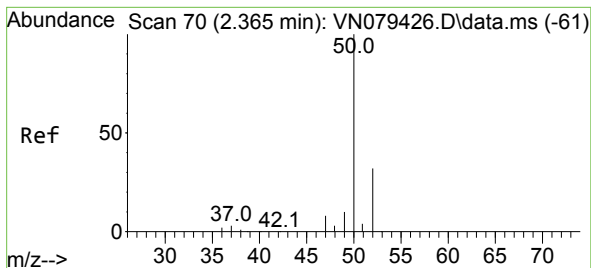
Tgt Ion:168 Resp: 255389
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.971 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 85 Resp: 3275
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





#3

Chloromethane

Concen: 1.335 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

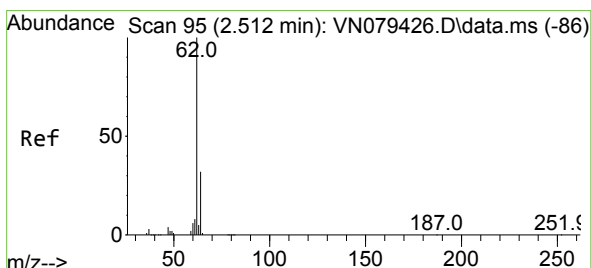
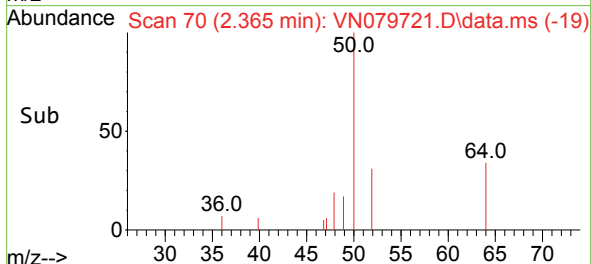
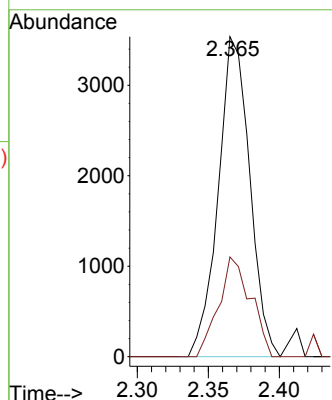
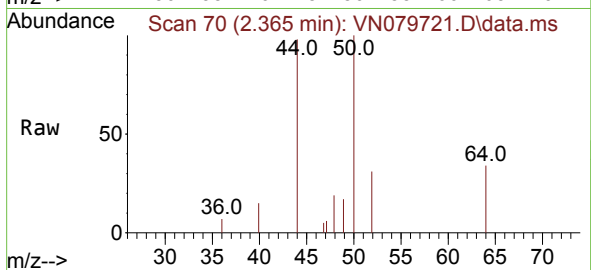
ClientSampleId :

Tgt Ion: 50 Resp: 5452

Ion Ratio Lower Upper

50 100

52 31.2 26.5 39.7



#4

Vinyl Chloride

Concen: 1.179 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079721.D

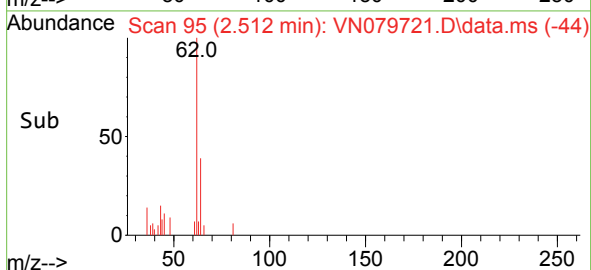
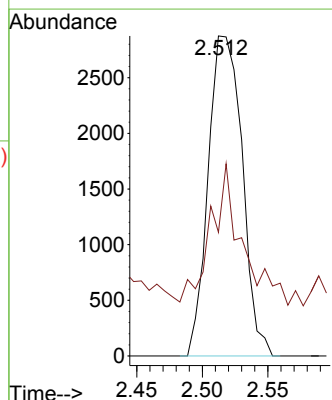
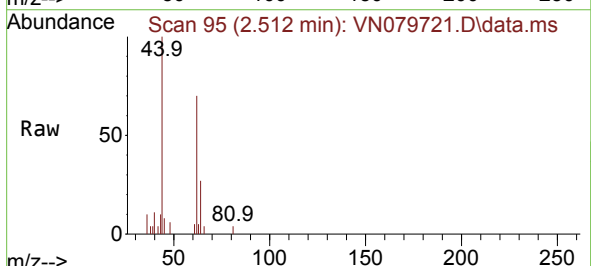
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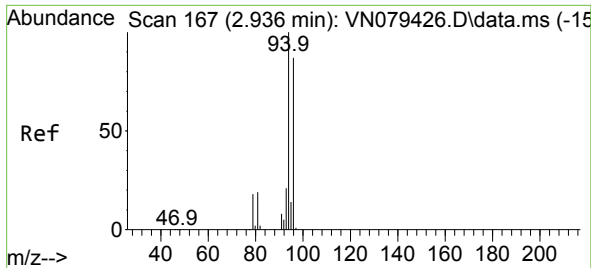
Tgt Ion: 62 Resp: 5184

Ion Ratio Lower Upper

62 100

64 21.8 26.2 39.2#

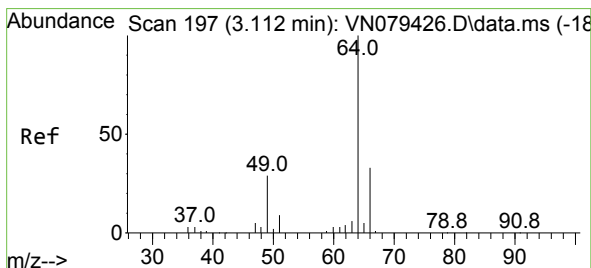
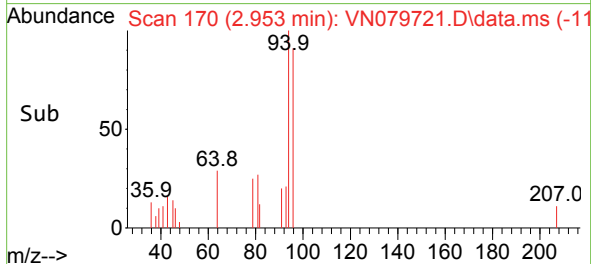
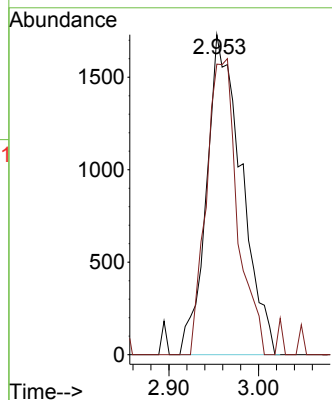
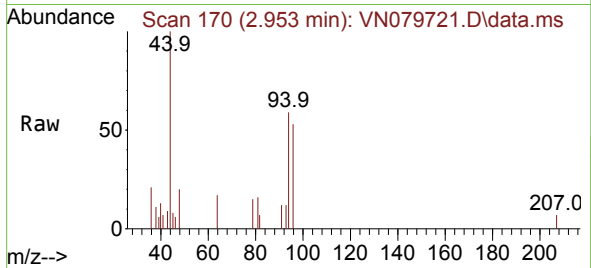




#5
Bromomethane
Concen: 1.629 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN079721.D
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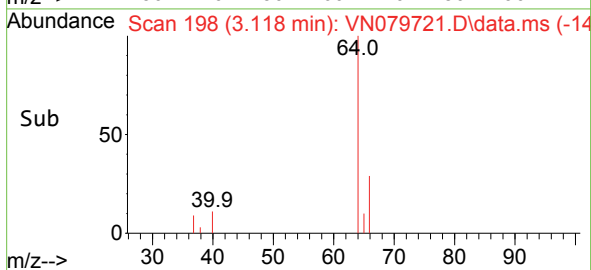
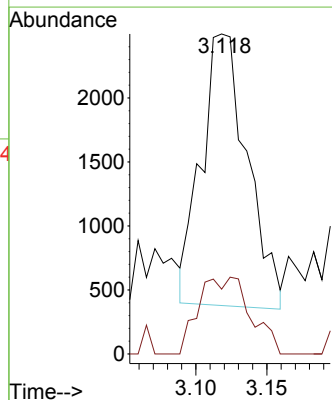
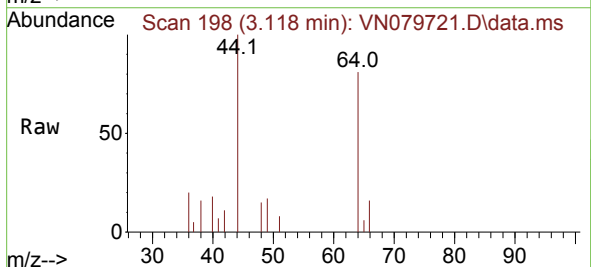
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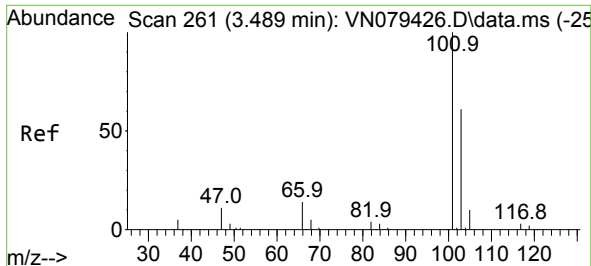
Tgt Ion: 94 Resp: 4704
Ion Ratio Lower Upper
94 100
96 90.8 73.1 109.7



#6
Chloroethane
Concen: 1.481 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

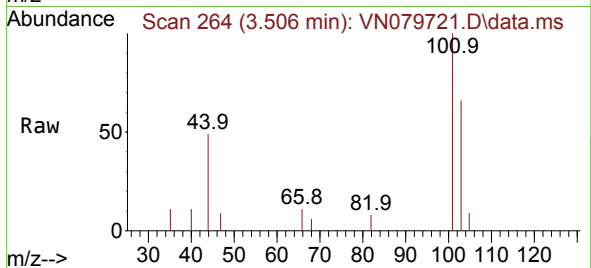
Tgt Ion: 64 Resp: 4772
Ion Ratio Lower Upper
64 100
66 25.3 25.4 38.2#



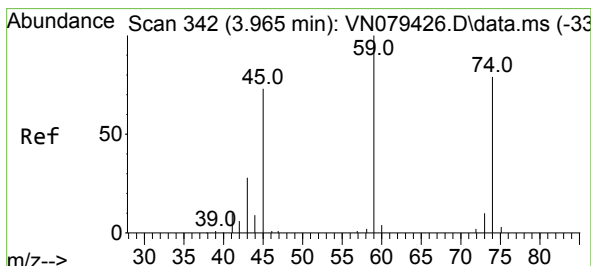
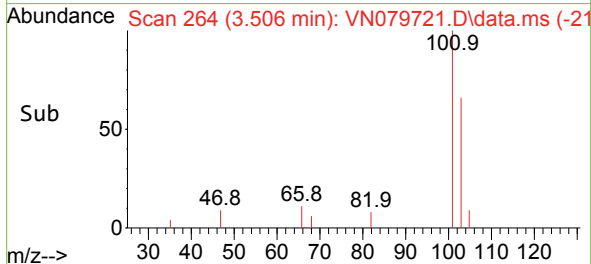
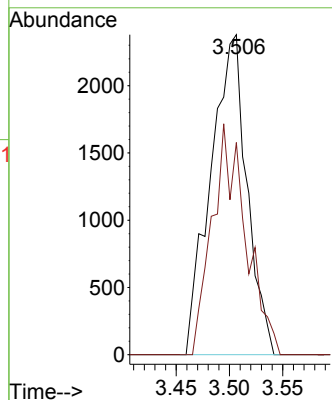


#7
 Trichlorofluoromethane
 Concen: 1.089 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

Instrument :
 MSVOA_N
 ClientSampleId :

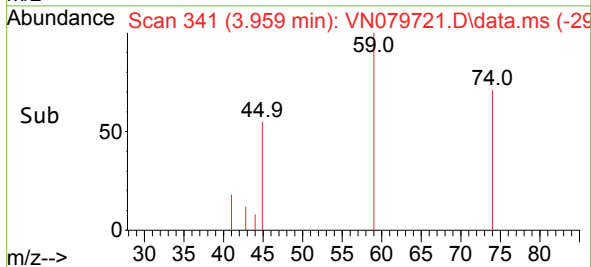
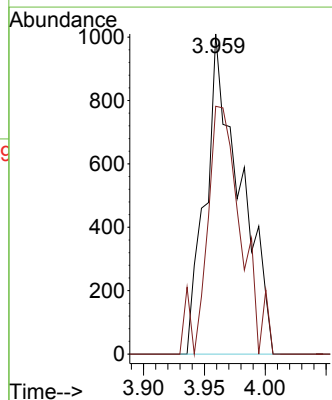
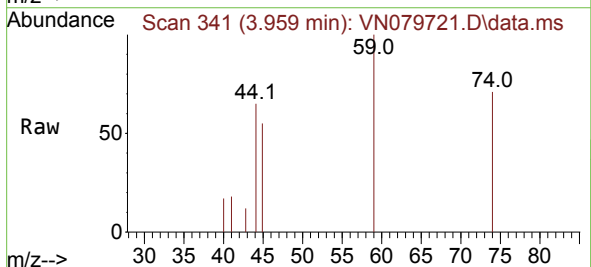


Tgt Ion:101 Resp: 5635
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 1.067 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

Tgt Ion: 74 Resp: 1998
 Ion Ratio Lower Upper
 74 100
 45 76.5 34.4 103.3

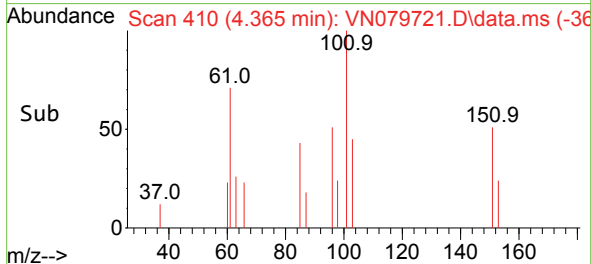
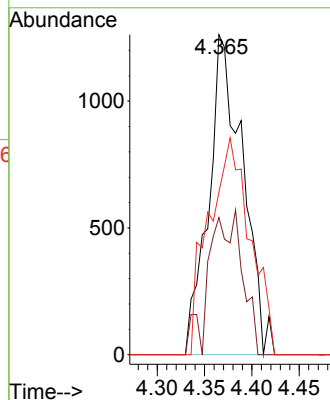
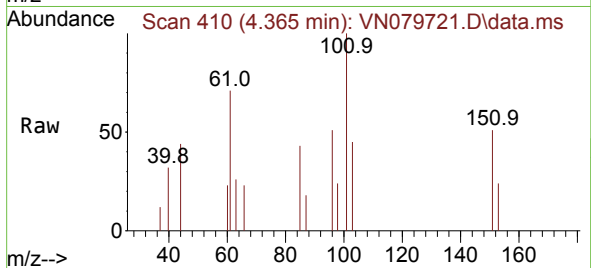




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.054 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079721.D
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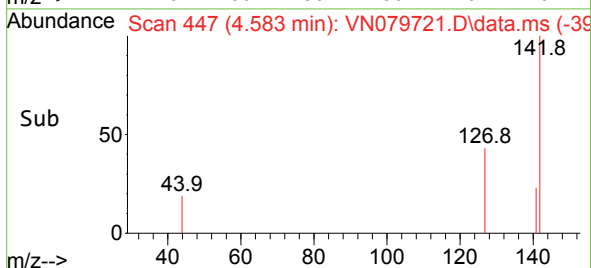
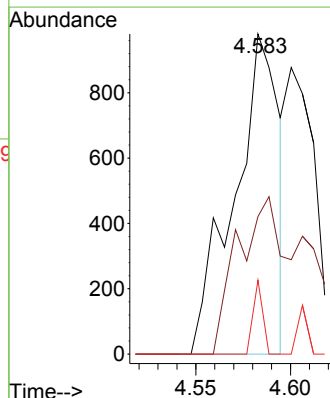
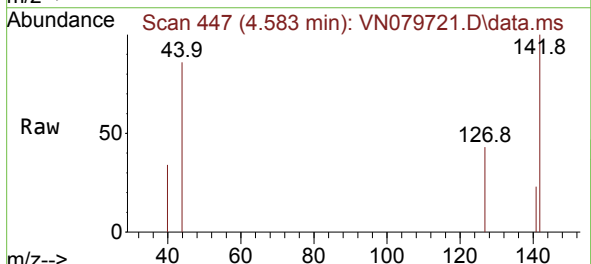
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 3159
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 82.7 57.6 86.4



#10
Methyl Iodide
Concen: 0.533 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

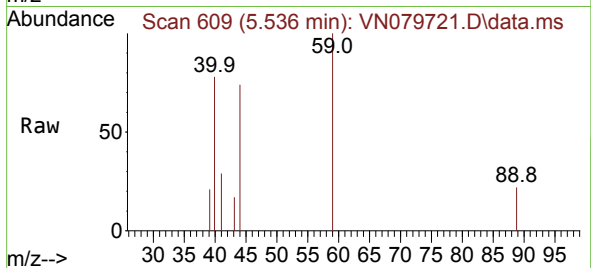
Tgt Ion:142 Resp: 1607
Ion Ratio Lower Upper
142 100
127 43.0 37.6 56.4
141 23.1 11.4 17.0#



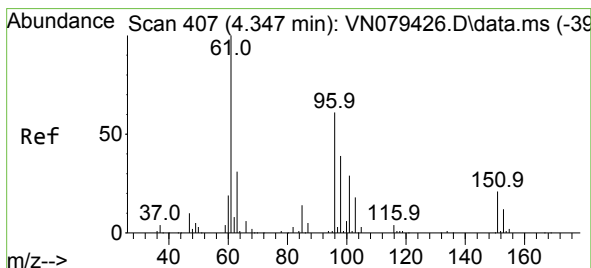
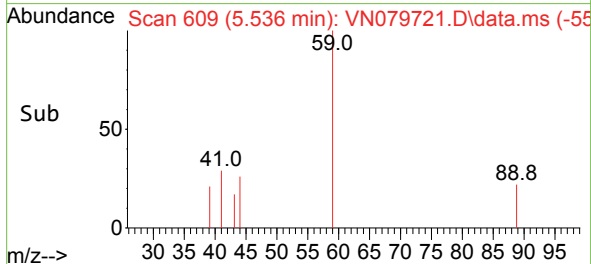
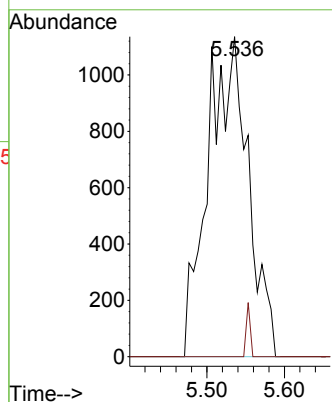


#11
Tert butyl alcohol
Concen: 7.535 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :

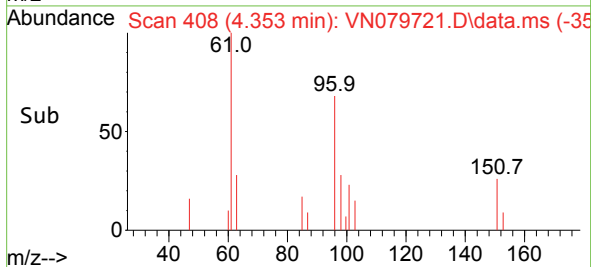
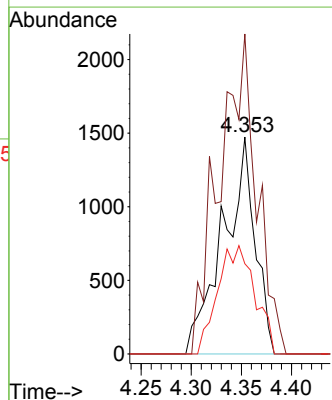
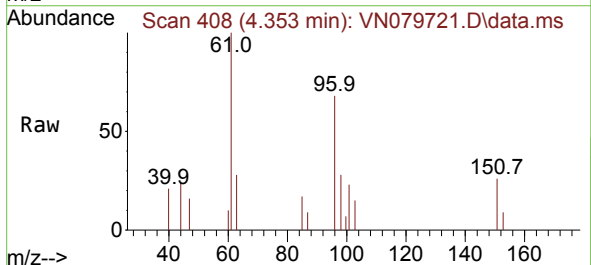


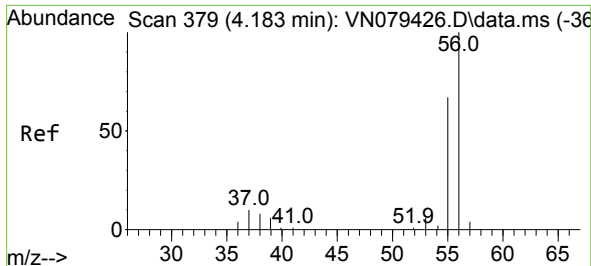
Tgt Ion: 59 Resp: 4099
Ion Ratio Lower Upper
59 100
57 1.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 1.167 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 96 Resp: 3275
Ion Ratio Lower Upper
96 100
61 147.5 112.7 169.1
98 41.6 51.2 76.8#





#13

Acrolein

Concen: 6.493 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

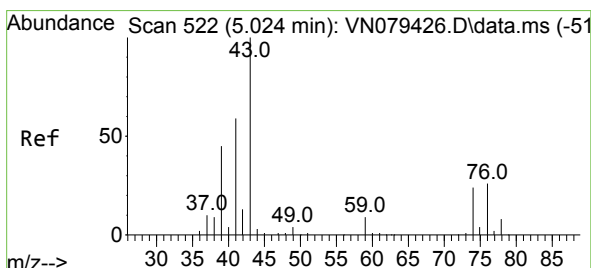
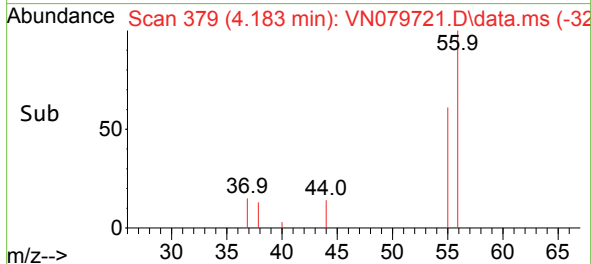
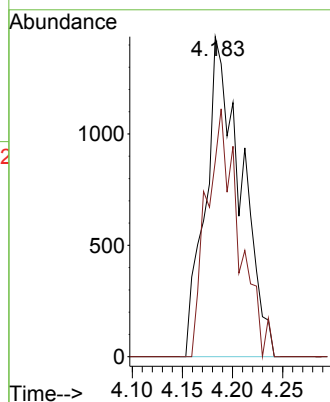
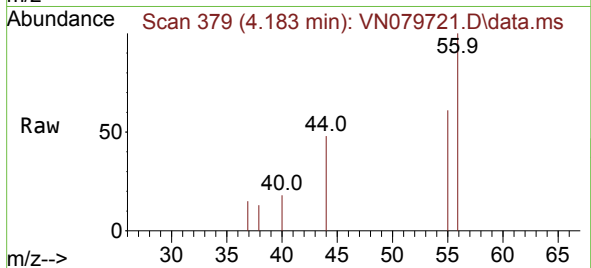
ClientSampleId :

Tgt Ion: 56 Resp: 3553

Ion Ratio Lower Upper

56 100

55 70.0 54.5 81.7



#14

Allyl chloride

Concen: 1.129 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

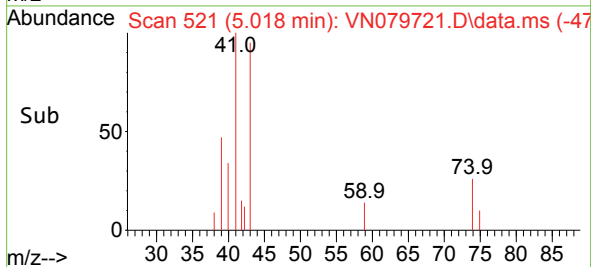
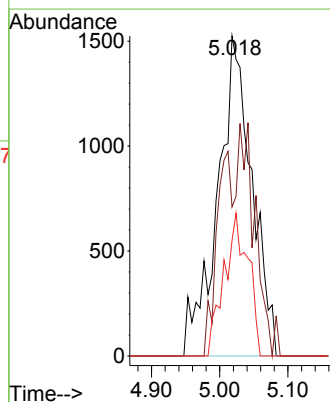
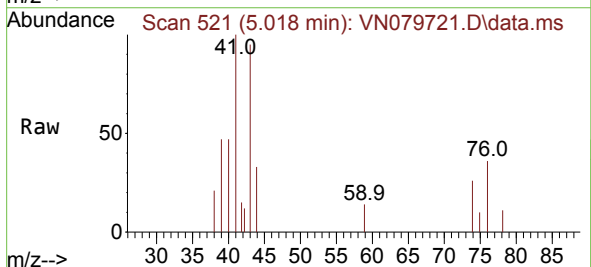
Tgt Ion: 41 Resp: 5315

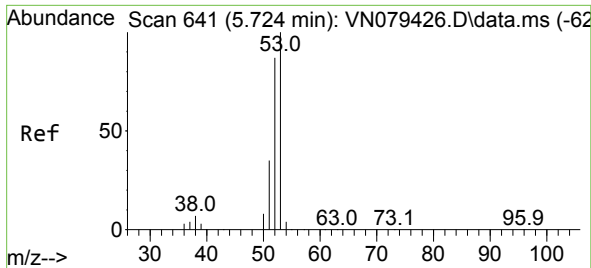
Ion Ratio Lower Upper

41 100

39 29.5 58.8 88.2#

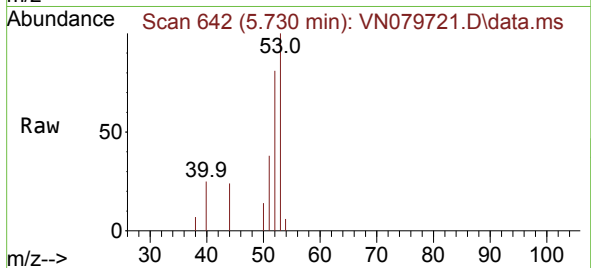
76 31.6 39.1 58.7#



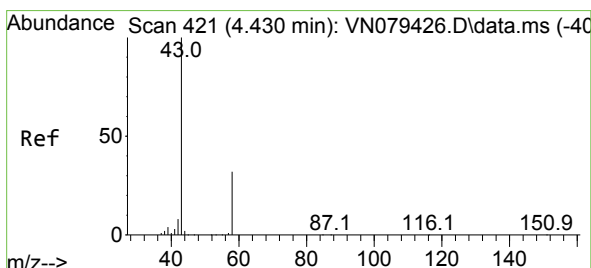
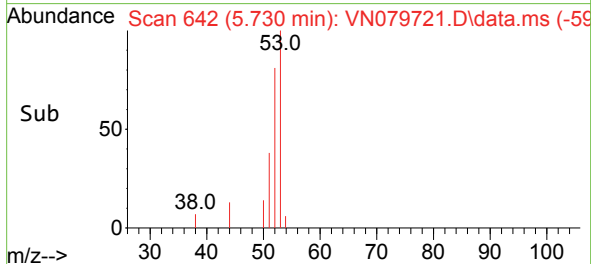
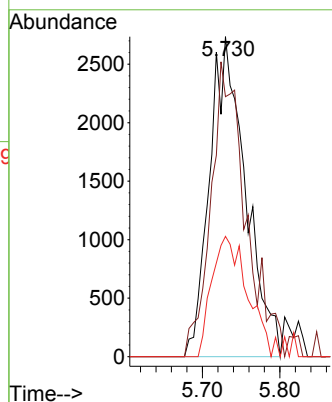


#15
Acrylonitrile
Concen: 5.277 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :

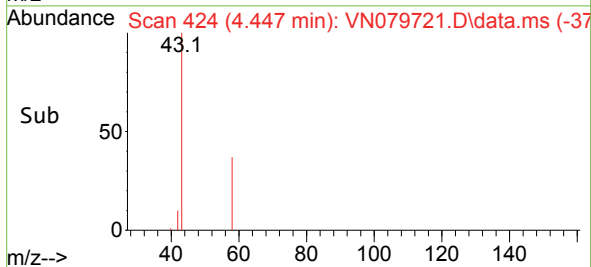
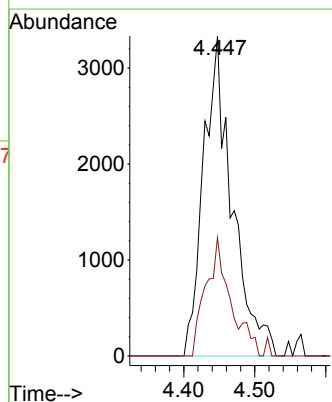
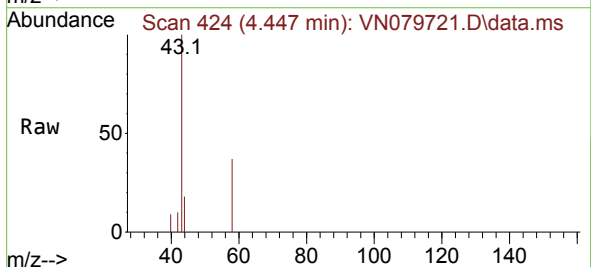


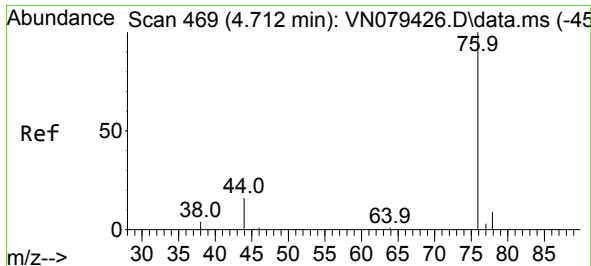
Tgt Ion: 53 Resp: 8833
Ion Ratio Lower Upper
53 100
52 88.8 65.3 97.9
51 37.0 28.9 43.3



#16
Acetone
Concen: 5.329 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 43 Resp: 9351
Ion Ratio Lower Upper
43 100
58 37.0 28.0 42.0

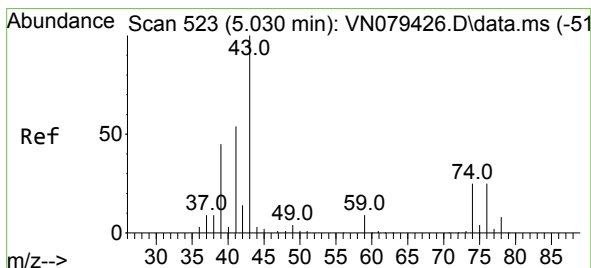
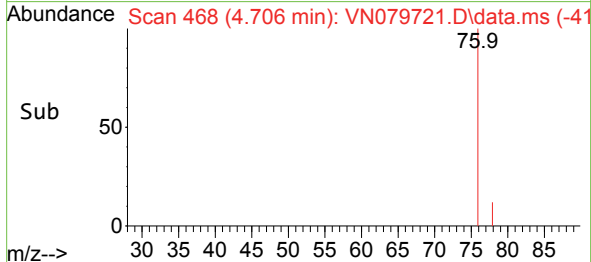
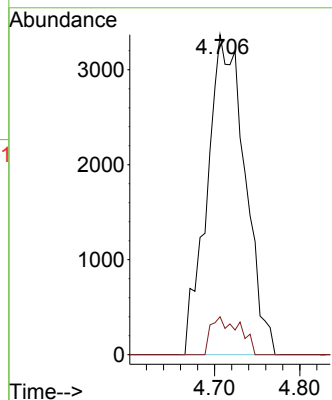
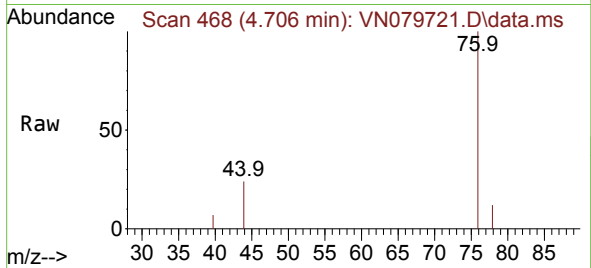




#17
Carbon Disulfide
Concen: 1.212 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

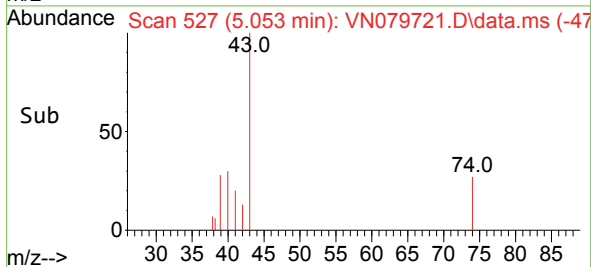
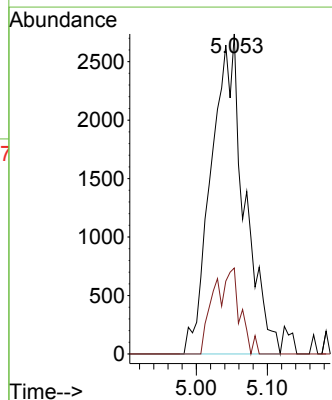
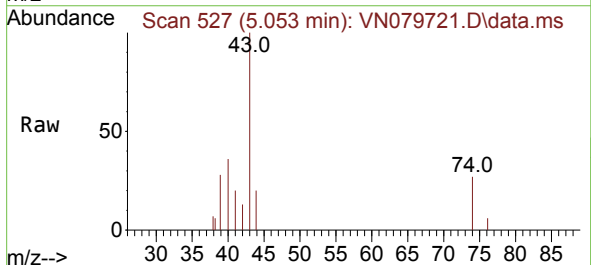
Instrument :
MSVOA_N
ClientSampleId :

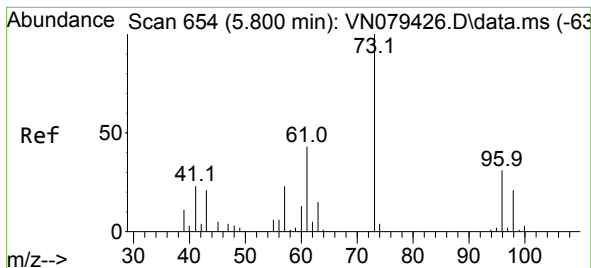
Tgt Ion: 76 Resp: 10389
Ion Ratio Lower Upper
76 100
78 11.9 7.4 11.0#



#18
Methyl Acetate
Concen: 1.255 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.023 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 43 Resp: 8884
Ion Ratio Lower Upper
43 100
74 12.2 26.2 39.4#





#19

Methyl tert-butyl Ether

Concen: 0.944 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

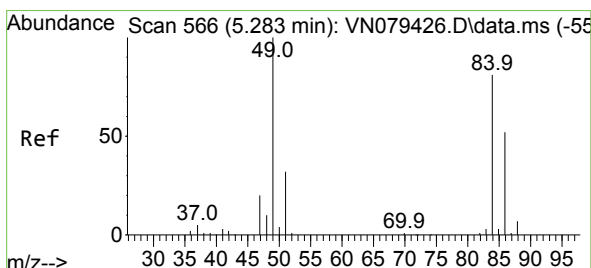
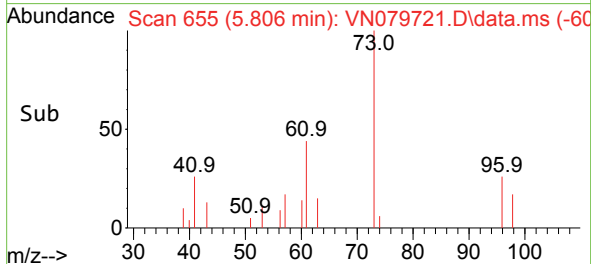
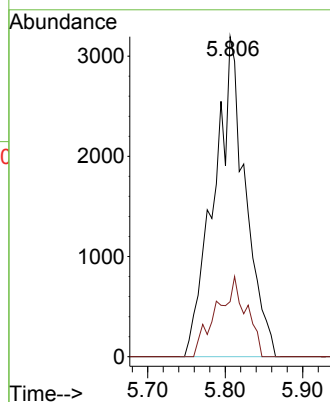
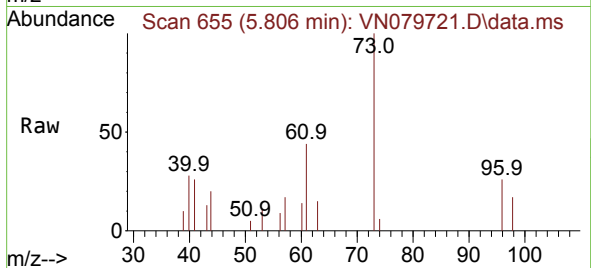
ClientSampleId :

Tgt Ion: 73 Resp: 8966

Ion Ratio Lower Upper

73 100

57 17.2 15.6 23.4



#20

Methylene Chloride

Concen: 1.324 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Tgt Ion: 84 Resp: 4601

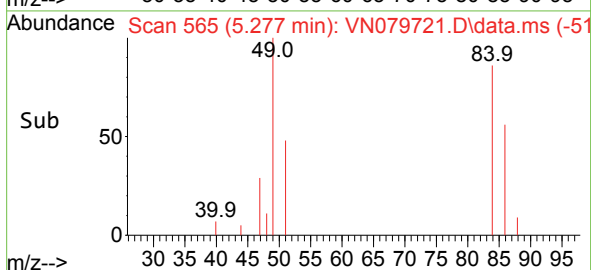
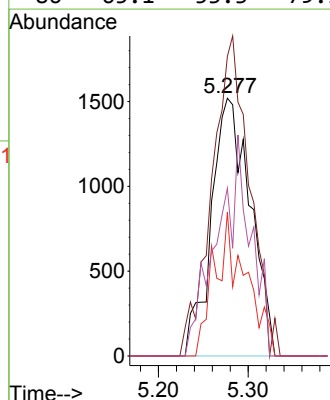
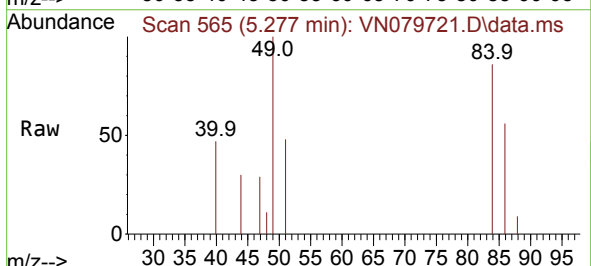
Ion Ratio Lower Upper

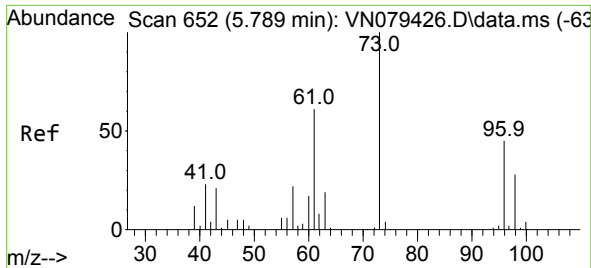
84 100

49 116.3 79.7 119.5

51 55.9 25.2 37.8#

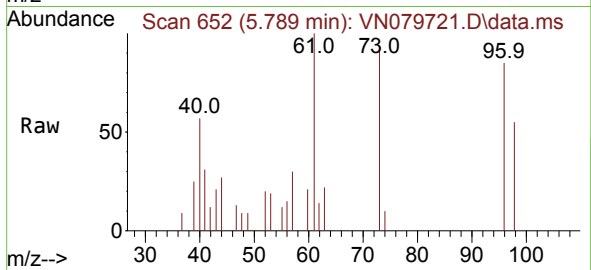
86 65.1 53.3 79.9



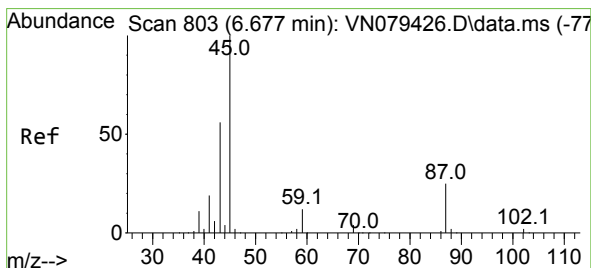
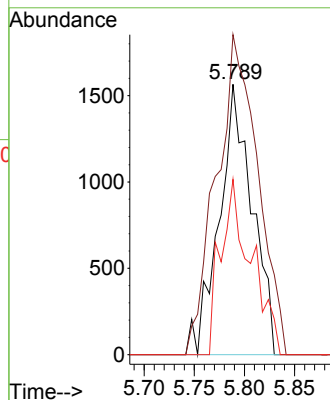
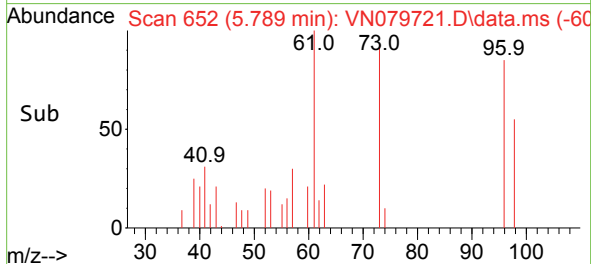


#21
trans-1,2-Dichloroethene
Concen: 1.129 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

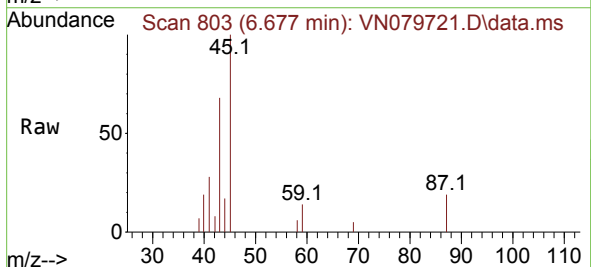
Instrument :
MSVOA_N
ClientSampleId :



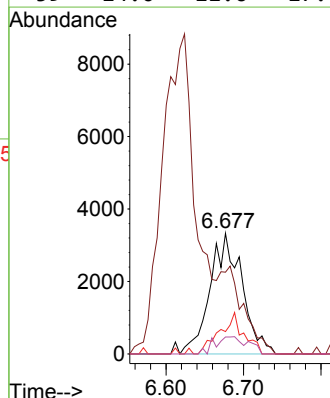
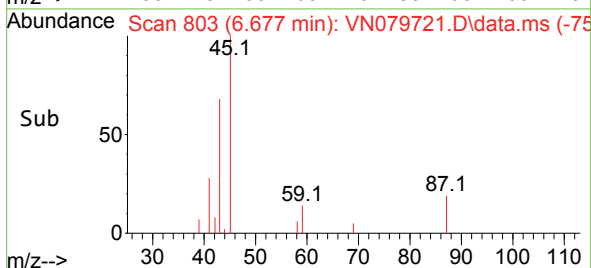
Tgt Ion: 96	Resp: 3596
Ion Ratio	Lower Upper
96	100
61	118.3 90.1 135.1
98	64.8 46.4 69.6



#22
Diisopropyl ether
Concen: 0.903 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34



Tgt Ion: 45	Resp: 9548
Ion Ratio	Lower Upper
45	100
43	67.8 45.5 68.3
87	18.6 31.8 47.8#
59	14.0 11.6 17.4

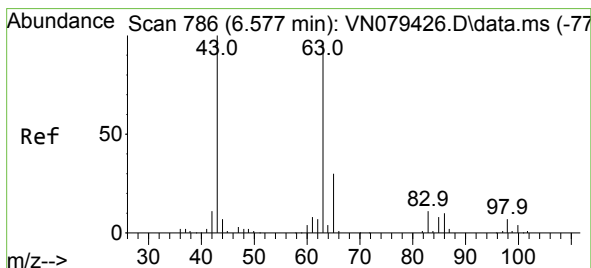
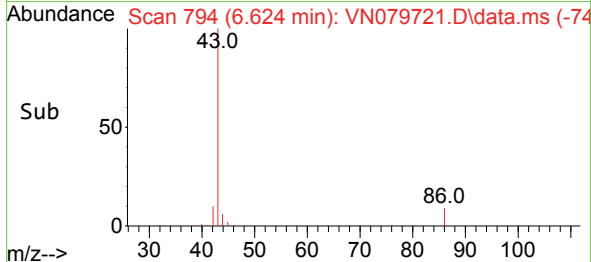
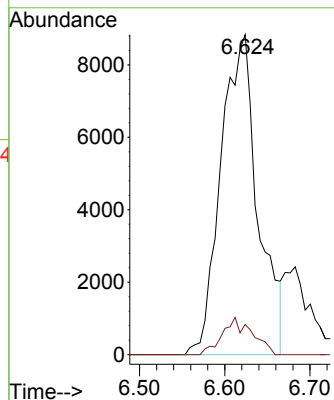
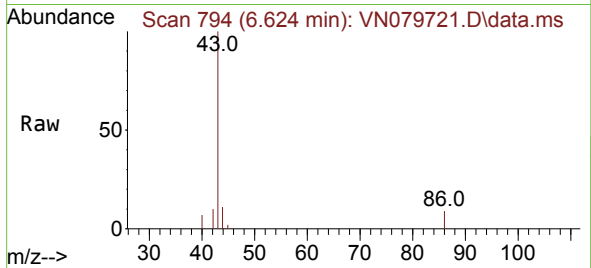




#23
 Vinyl Acetate
 Concen: 4.578 ug/l
 RT: 6.624 min Scan# 791
 Delta R.T. 0.018 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

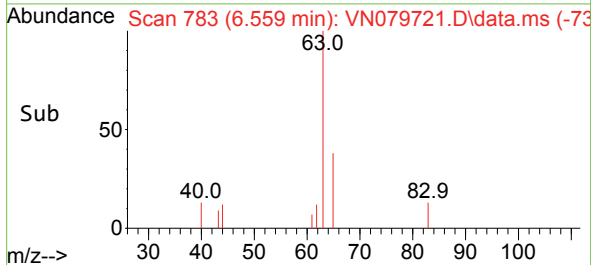
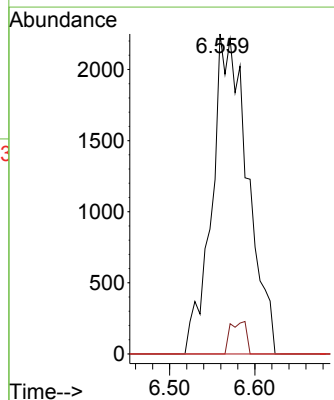
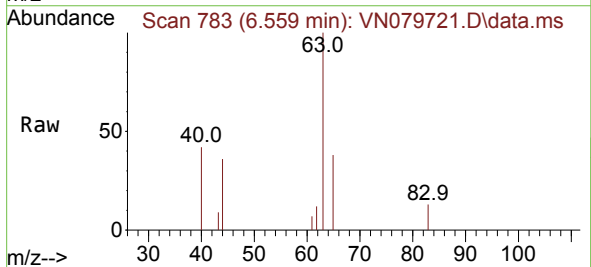
Instrument :
 MSVOA_N
 ClientSampleId :

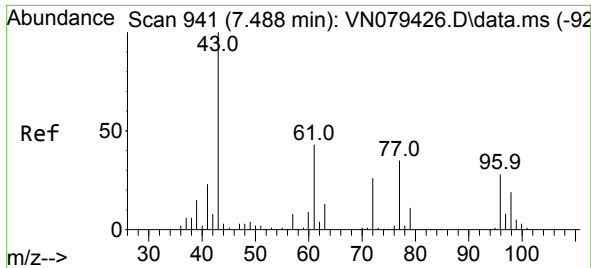
Tgt Ion: 43 Resp: 26665
 Ion Ratio Lower Upper
 43 100
 86 9.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 1.034 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.018 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

Tgt Ion: 63 Resp: 6554
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#

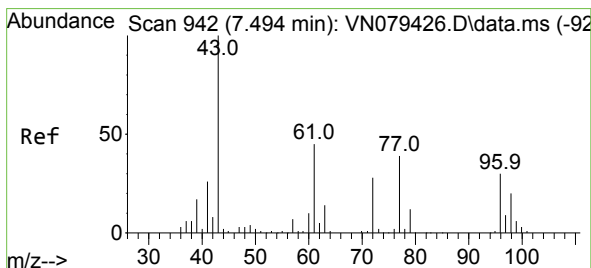
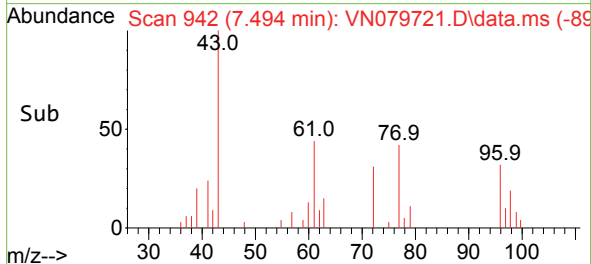
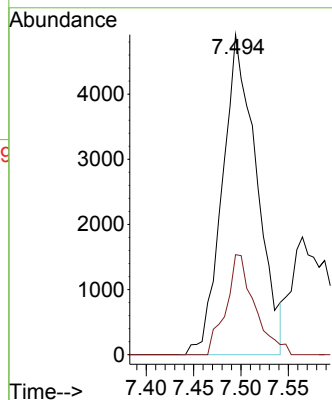
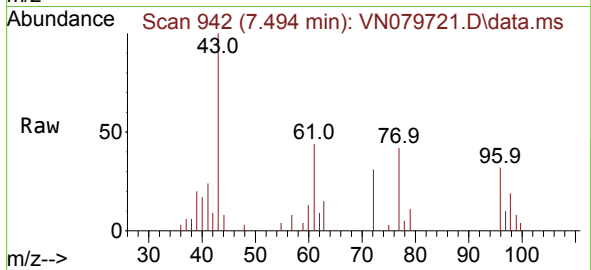




#25
2-Butanone
Concen: 5.140 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

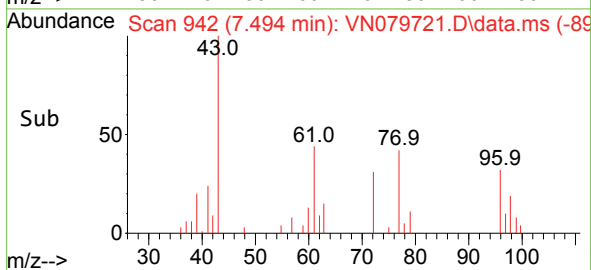
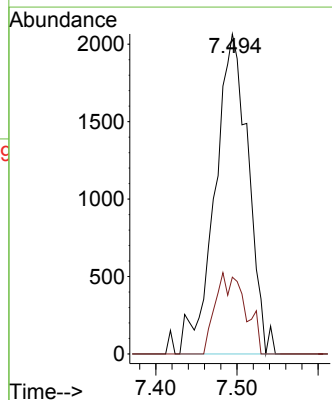
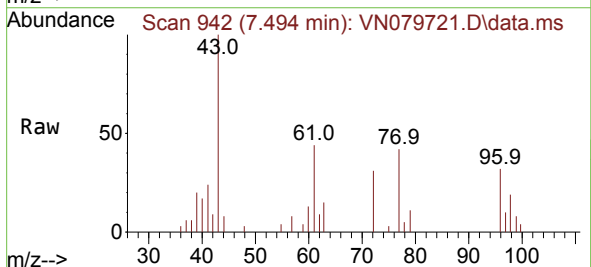
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 12388
Ion Ratio Lower Upper
43 100
72 31.2 30.2 45.2



#26
2,2-Dichloropropane
Concen: 1.147 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 77 Resp: 5886
Ion Ratio Lower Upper
77 100
97 10.4 11.2 33.6#

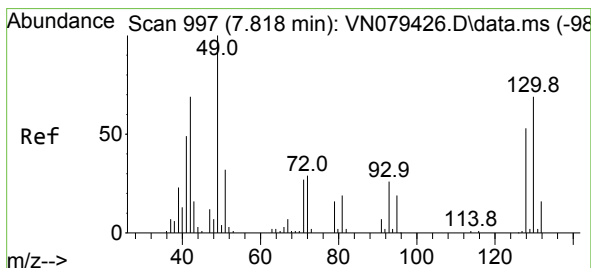
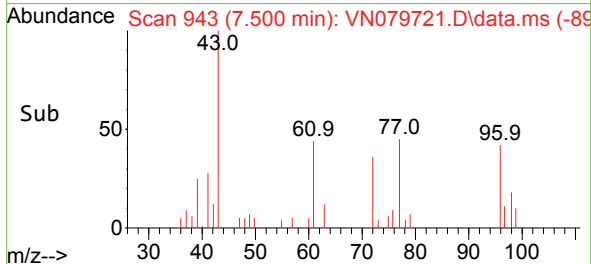
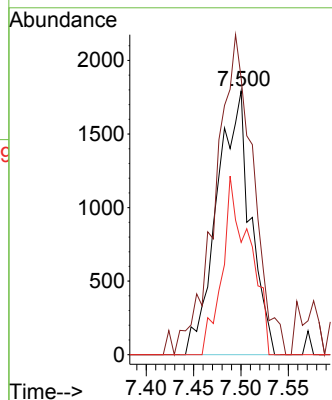
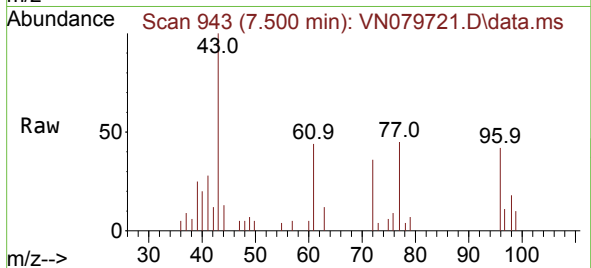




#27
 cis-1,2-Dichloroethene
 Concen: 1.204 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

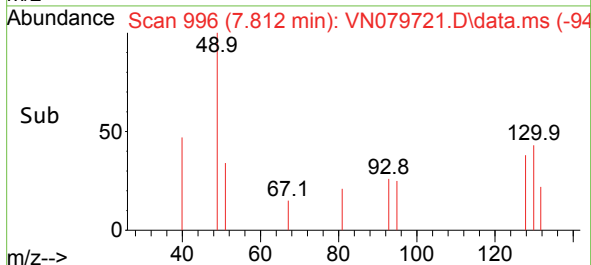
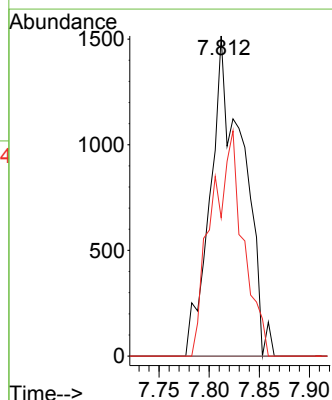
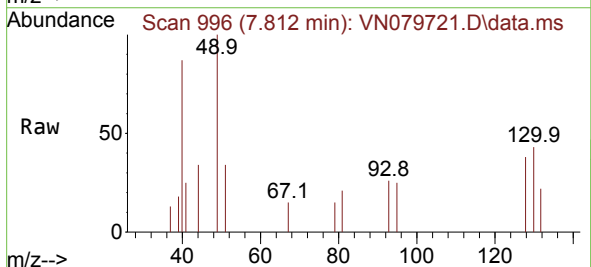
Instrument :
 MSVOA_N
 ClientSampleId :

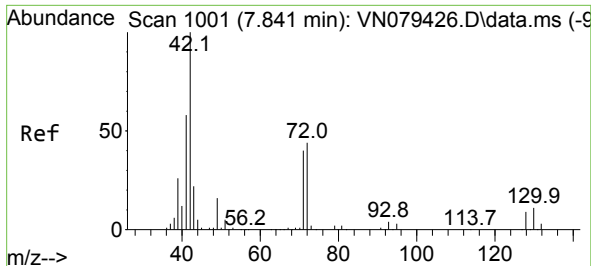
Tgt Ion: 96 Resp: 4416
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 255.2
 98 55.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 1.115 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

Tgt Ion: 49 Resp: 3458
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 67.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 5.169 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079721.D

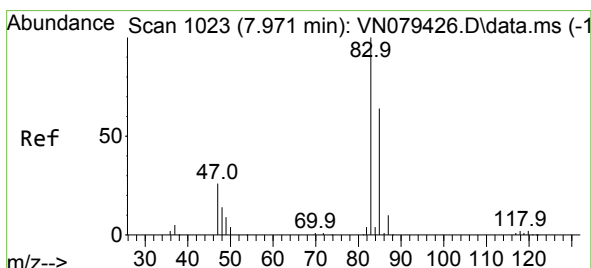
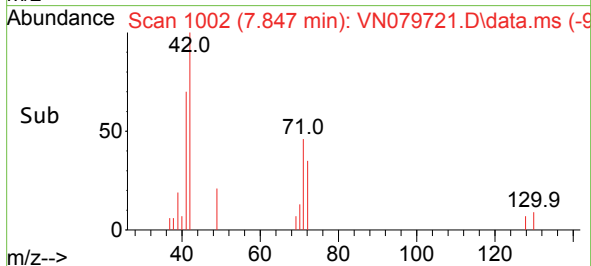
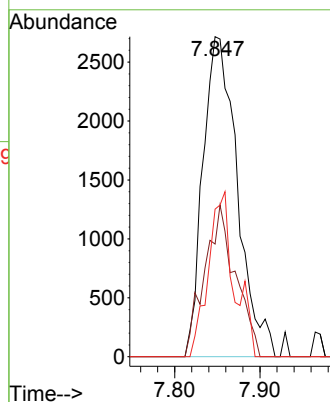
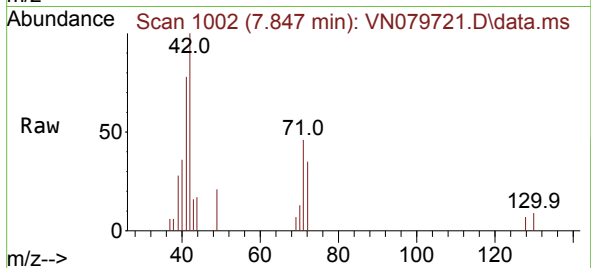
Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 42	Resp: 7611
Ion Ratio	Lower Upper
42	100
72	42.8 49.8 74.6#
71	38.9 47.4 71.2#



#30

Chloroform

Concen: 1.088 ug/l

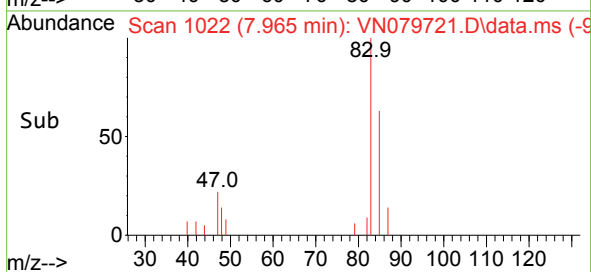
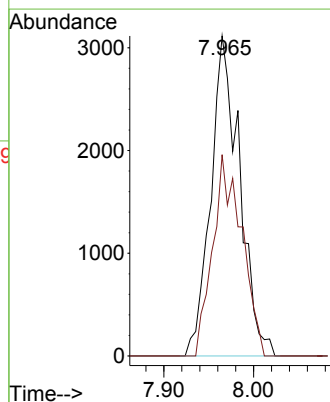
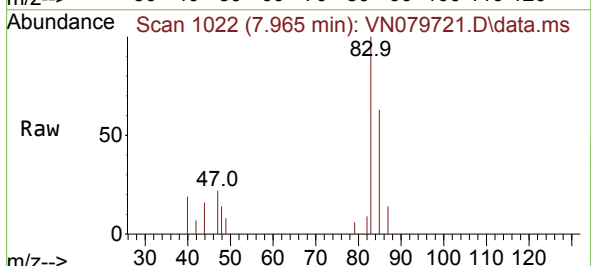
RT: 7.965 min Scan# 1022

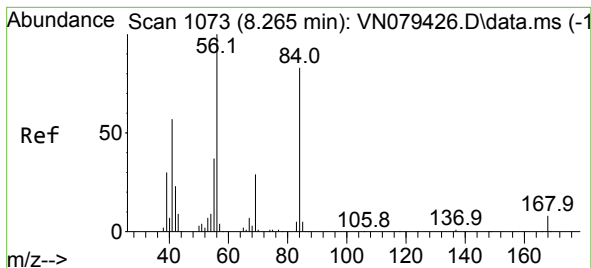
Delta R.T. -0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Tgt Ion: 83	Resp: 6943
Ion Ratio	Lower Upper
83	100
85	62.9 55.4 83.0





#31

Cyclohexane

Concen: 2.147 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.018 min

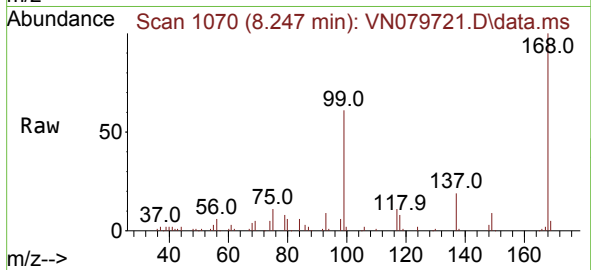
Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :



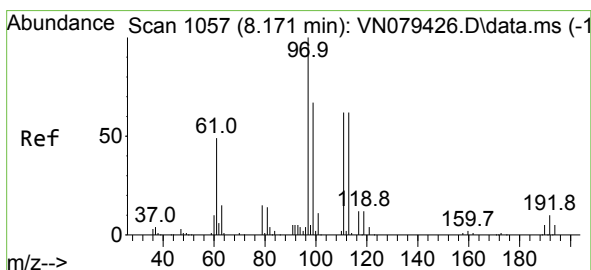
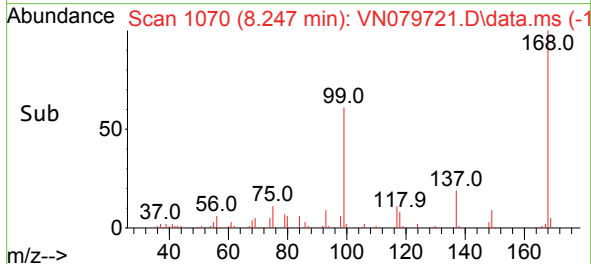
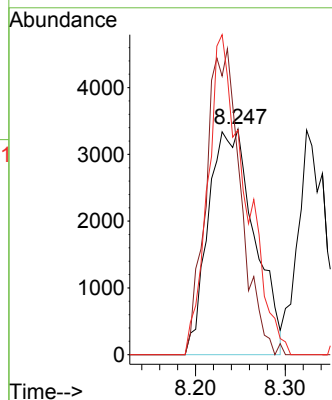
Tgt Ion: 56 Resp: 12011

Ion Ratio Lower Upper

56 100

69 86.5 26.8 40.2#

84 99.7 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 1.103 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

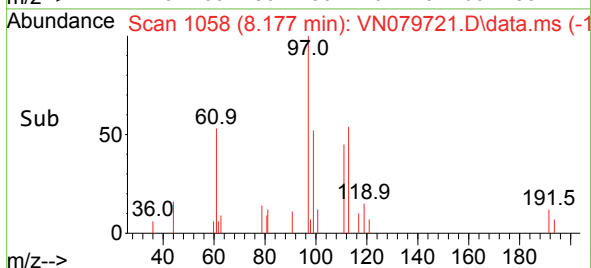
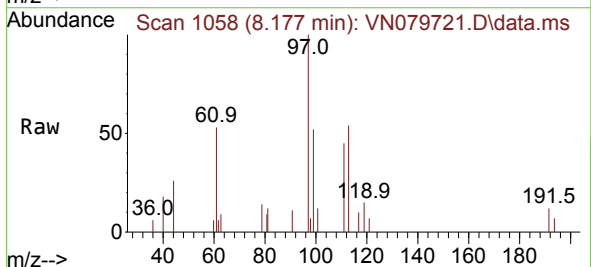
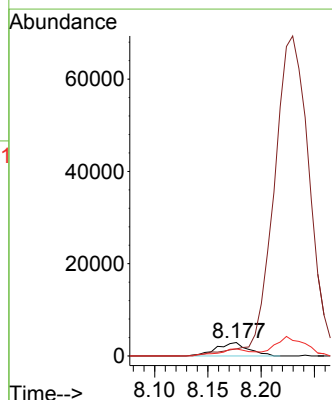
Tgt Ion: 97 Resp: 6101

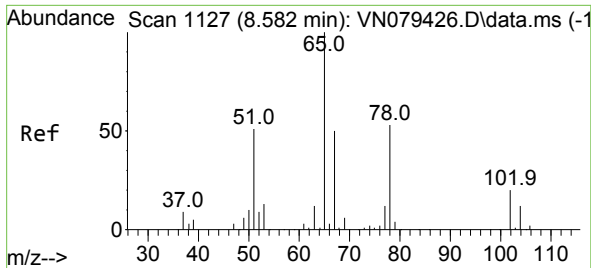
Ion Ratio Lower Upper

97 100

99 0.0 50.3 75.5#

61 56.1 34.7 52.1#

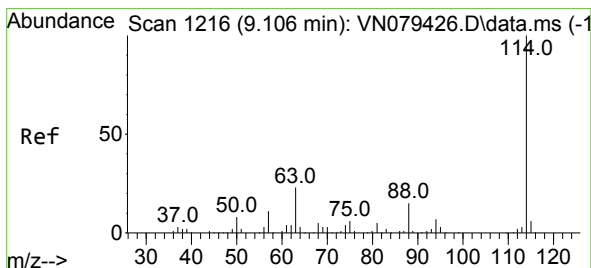
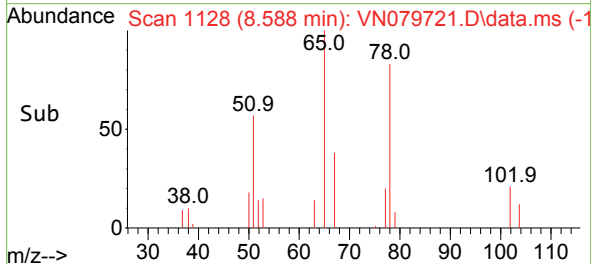
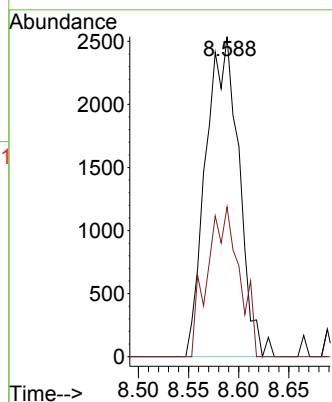
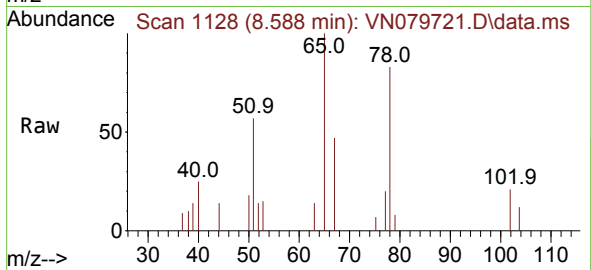




#33
 1,2-Dichloroethane-d4
 Concen: 1.421 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

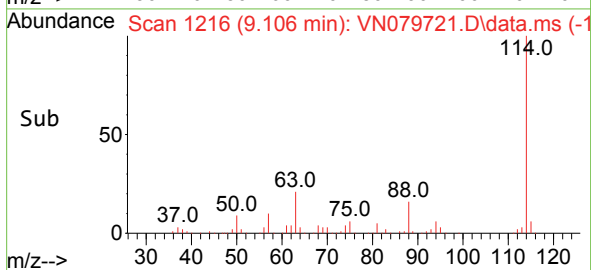
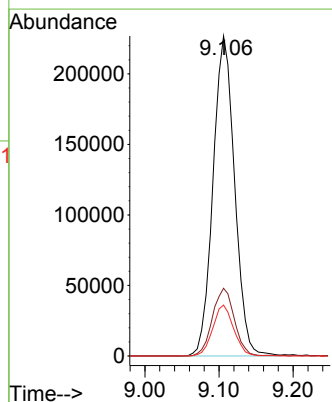
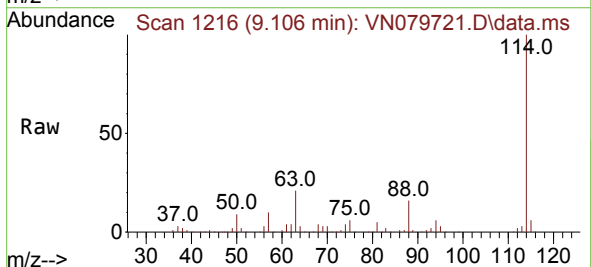
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 65 Resp: 5827
 Ion Ratio Lower Upper
 65 100
 67 45.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

Tgt Ion: 114 Resp: 458843
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 36.4
 88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 1.179 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

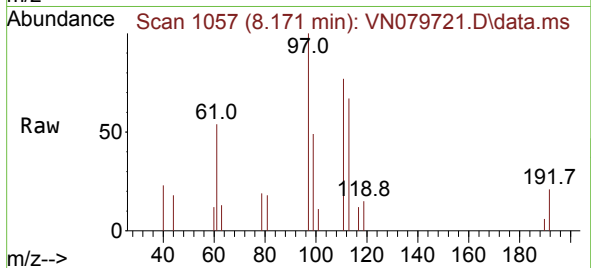
Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

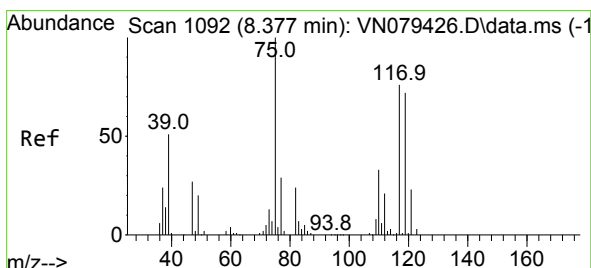
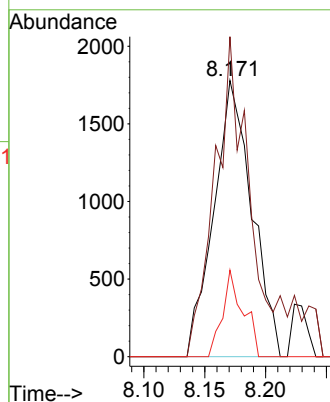
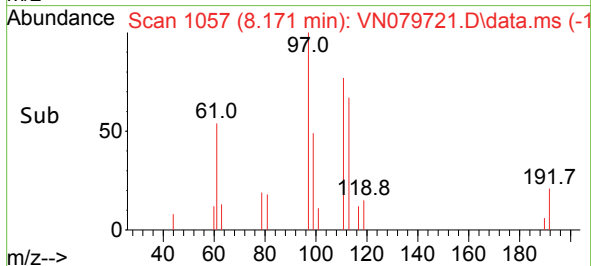
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	3864
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	123.8
192	17.0	12.7	19.1



#36

1,1-Dichloropropene

Concen: 1.058 ug/l

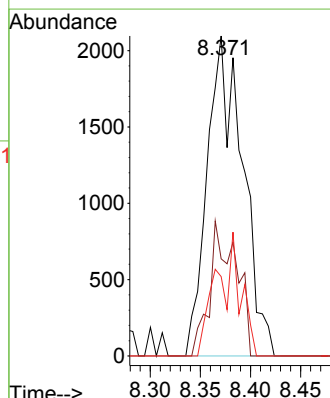
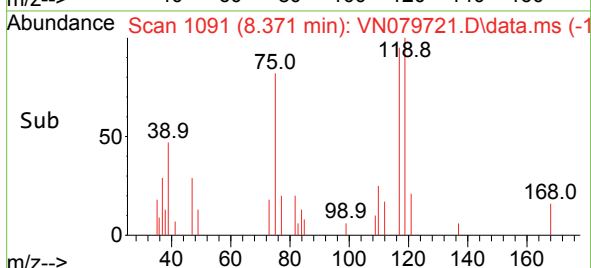
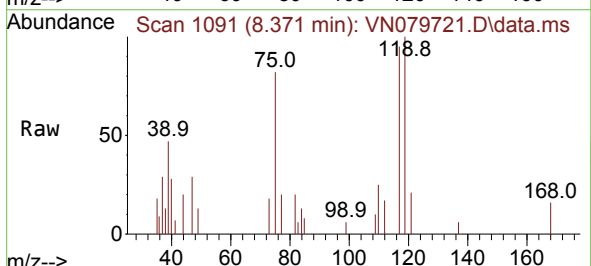
RT: 8.371 min Scan# 1091

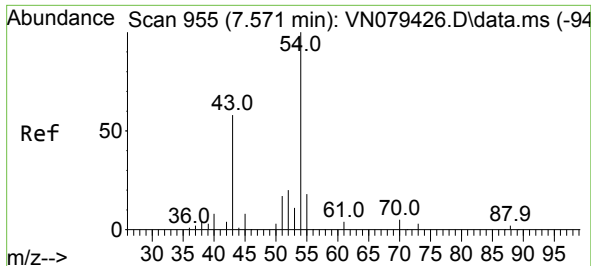
Delta R.T. -0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Tgt Ion:	75	Resp:	5145
Ion	Ratio	Lower	Upper
75	100		
110	31.5	19.1	57.3
77	13.8	25.0	37.4





#37

Ethyl Acetate

Concen: 1.064 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

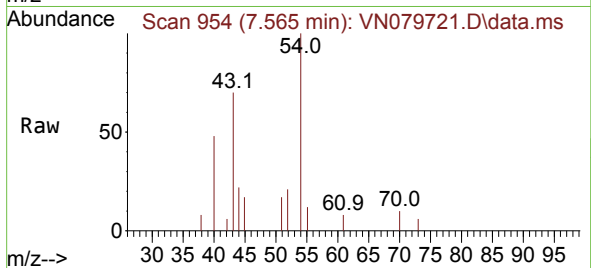
Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

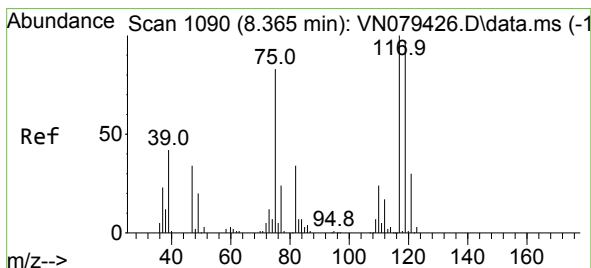
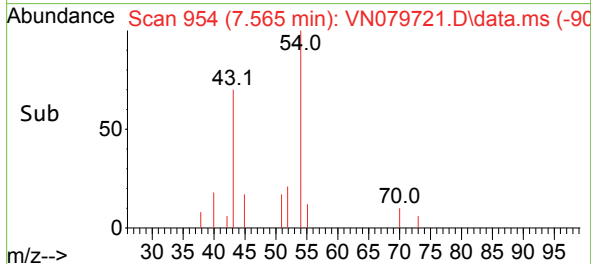
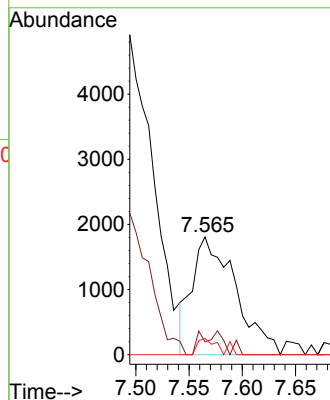
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 5131
Ion Ratio	Lower Upper
43	100
61	11.0 13.2 19.8#
70	7.0 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 1.122 ug/l

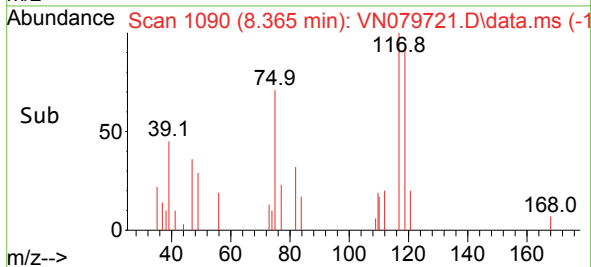
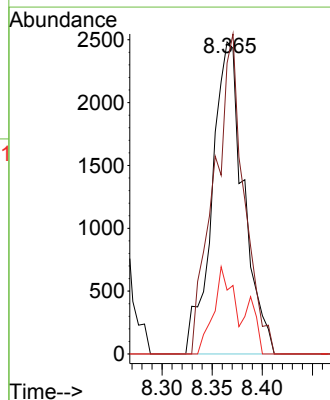
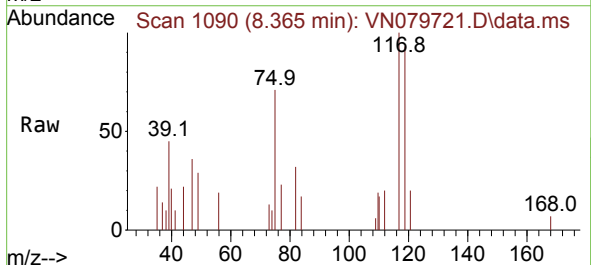
RT: 8.365 min Scan# 1090

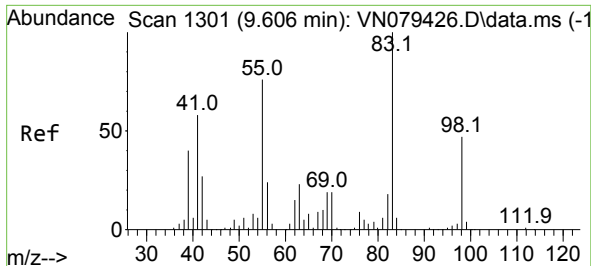
Delta R.T. -0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Tgt Ion: 117	Resp: 5442
Ion Ratio	Lower Upper
117	100
119	93.3 77.3 115.9
121	20.5 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.952 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

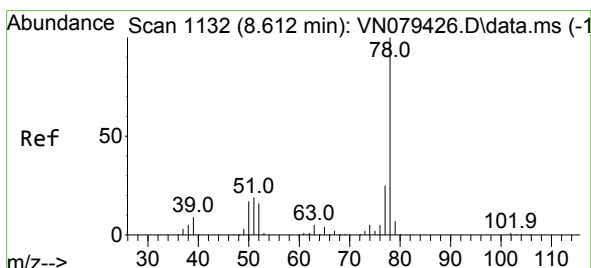
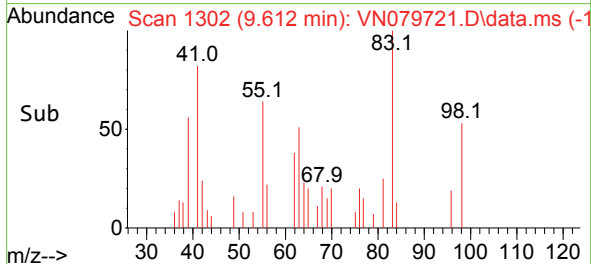
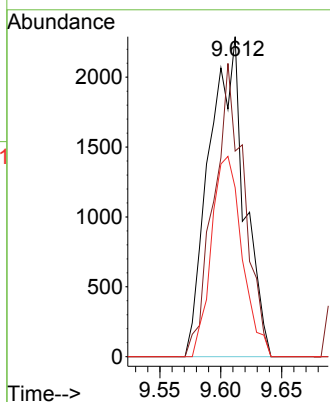
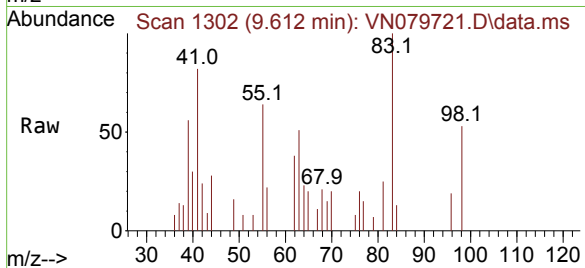
Tgt Ion: 83 Resp: 4605

Ion Ratio Lower Upper

83 100

55 64.2 49.1 73.7

98 52.8 40.6 61.0



#40

Benzene

Concen: 1.069 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN079721.D

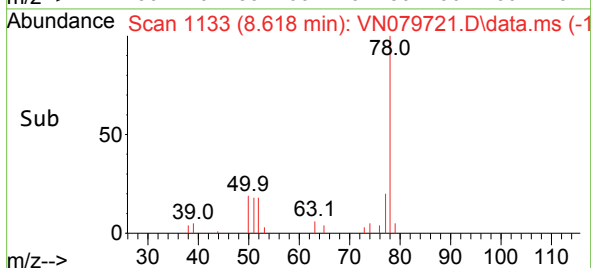
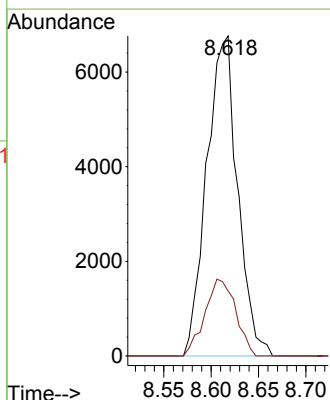
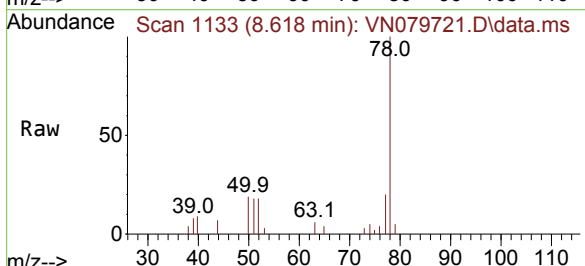
Acq: 30 Oct 2023 12:34

Tgt Ion: 78 Resp: 15351

Ion Ratio Lower Upper

78 100

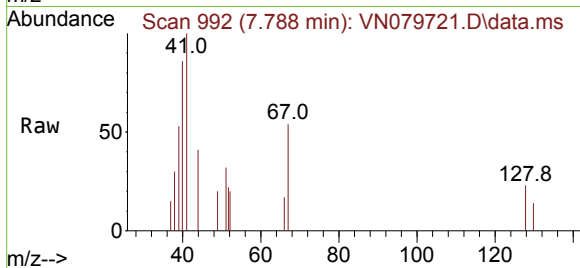
77 20.3 19.0 28.6



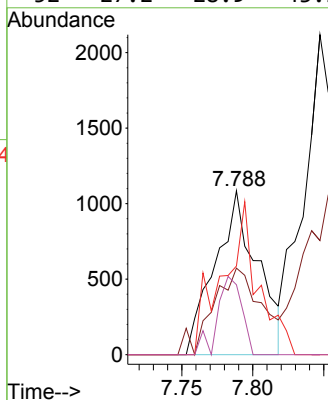
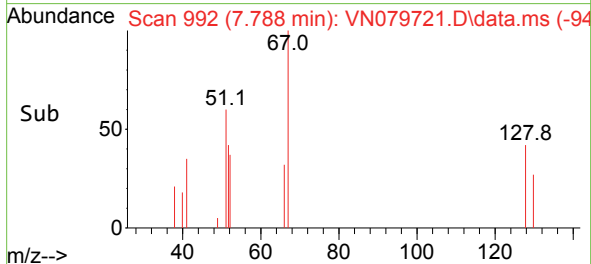


#41
Methacrylonitrile
Concen: 0.898 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.005 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :

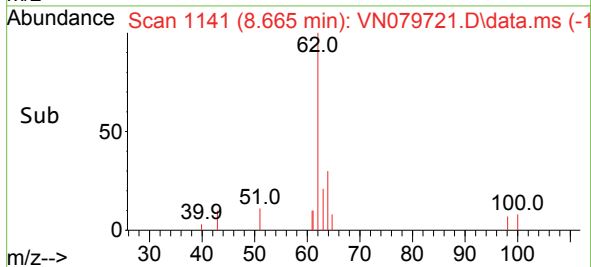
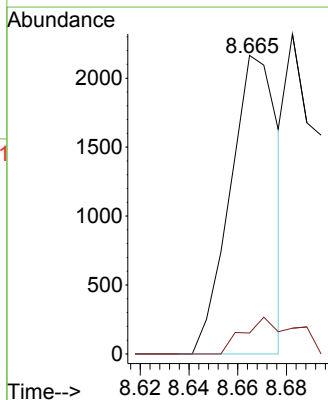
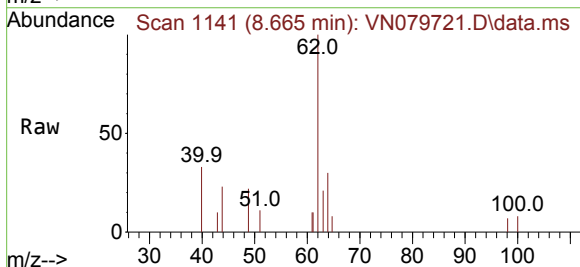


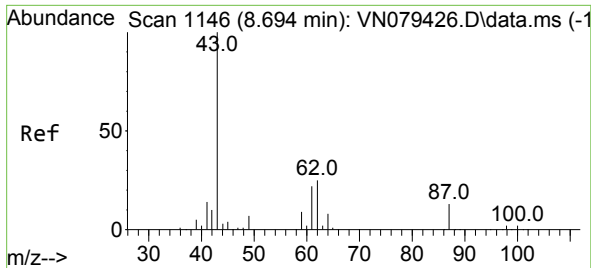
Tgt Ion: 41 Resp: 2257
Ion Ratio Lower Upper
41 100
39 60.3 42.6 64.0
67 77.8 77.5 116.3
52 27.2 28.9 43.3#



#42
1,2-Dichloroethane
Concen: 0.563 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.012 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 62 Resp: 2934
Ion Ratio Lower Upper
62 100
98 13.4 0.0 19.8

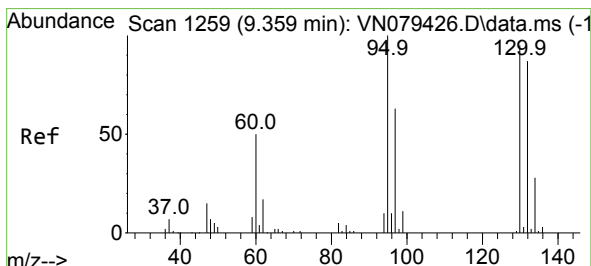
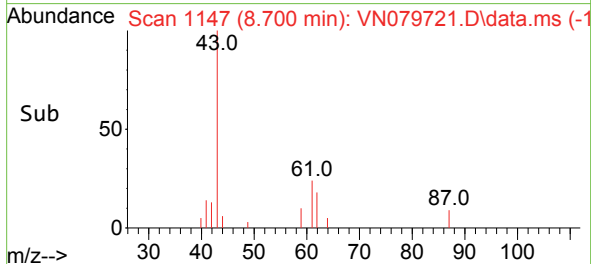
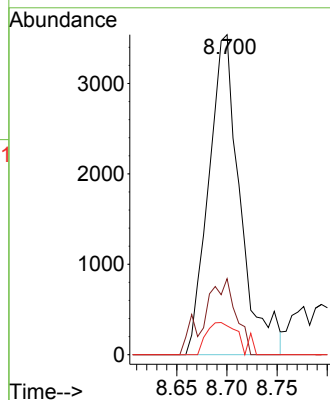
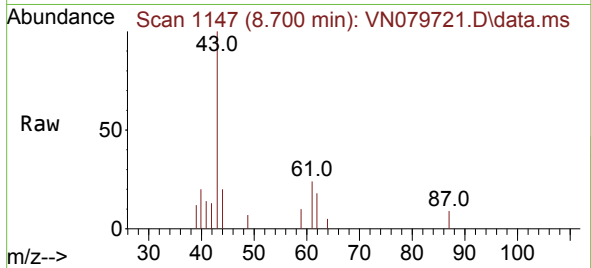




#43
Isopropyl Acetate
Concen: 1.003 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

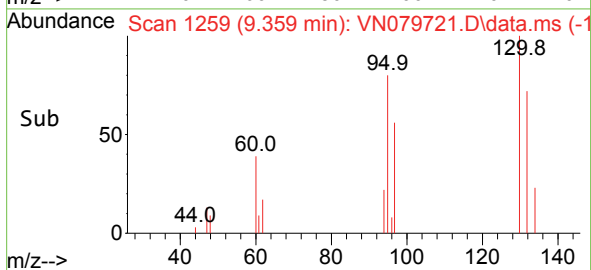
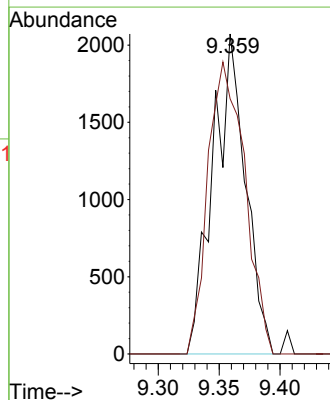
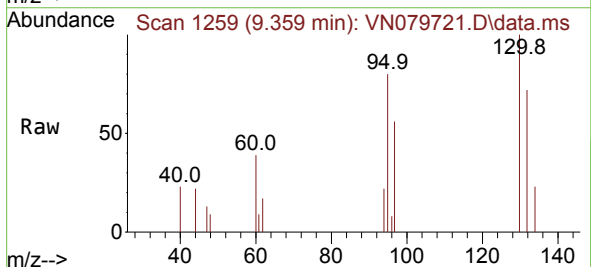
Instrument :
MSVOA_N
ClientSampleId :

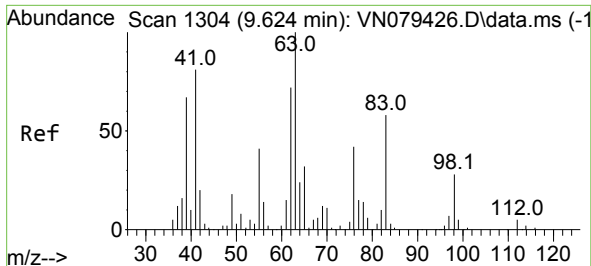
Tgt Ion: 43 Resp: 7731
Ion Ratio Lower Upper
43 100
61 23.9 24.7 37.1#
87 10.4 14.6 21.8#



#44
Trichloroethene
Concen: 1.111 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion:130 Resp: 3865
Ion Ratio Lower Upper
130 100
95 79.8 0.0 204.6

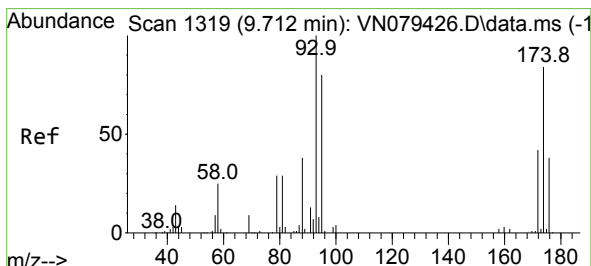
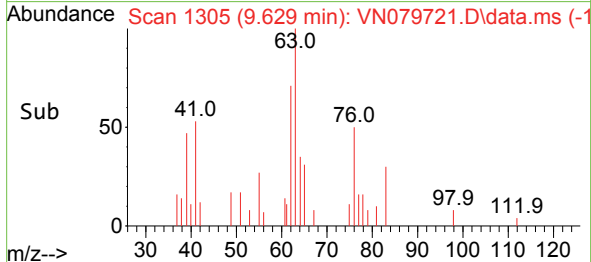
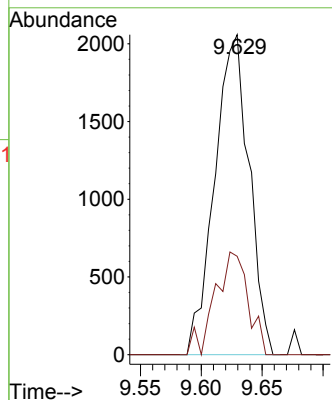
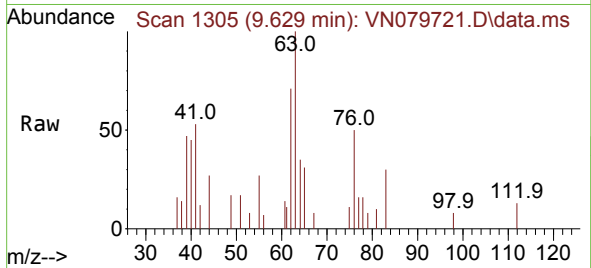




#45
1,2-Dichloropropane
Concen: 1.062 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

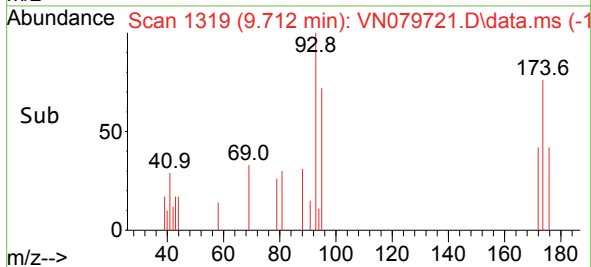
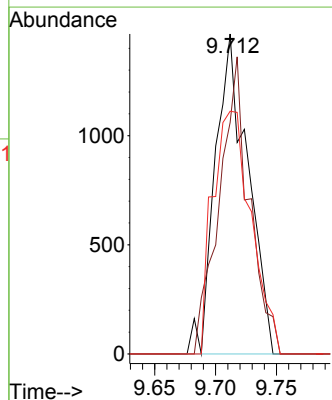
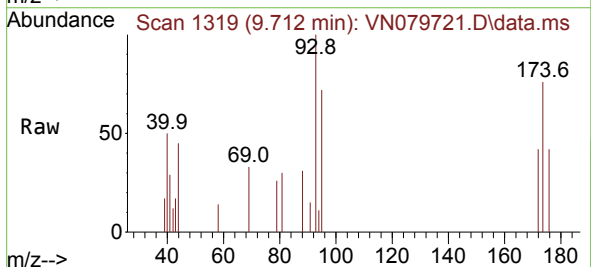
Instrument :
MSVOA_N
ClientSampleId :

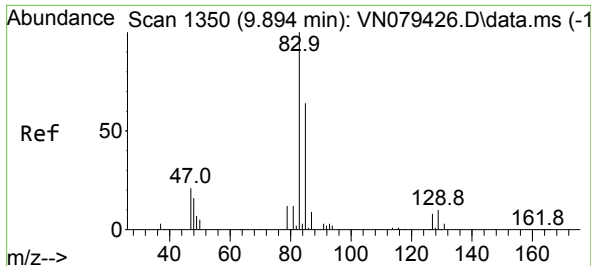
Tgt Ion: 63 Resp: 4049
Ion Ratio Lower Upper
63 100
65 30.7 23.9 35.9



#46
Dibromomethane
Concen: 1.060 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 93 Resp: 2725
Ion Ratio Lower Upper
93 100
95 85.9 63.8 95.8
174 89.3 65.6 98.4

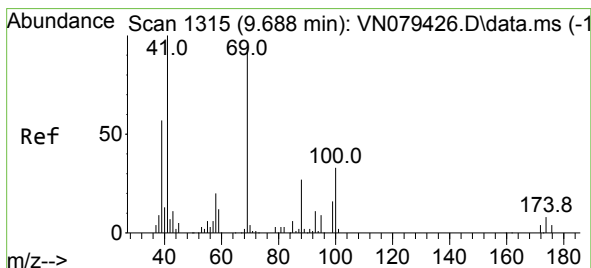
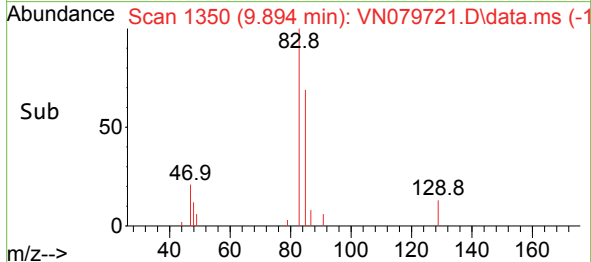
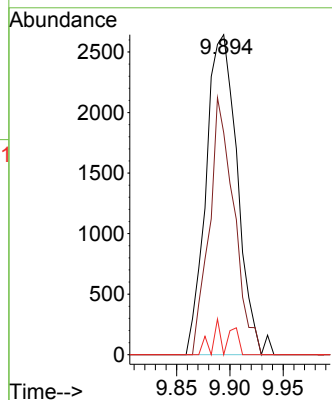
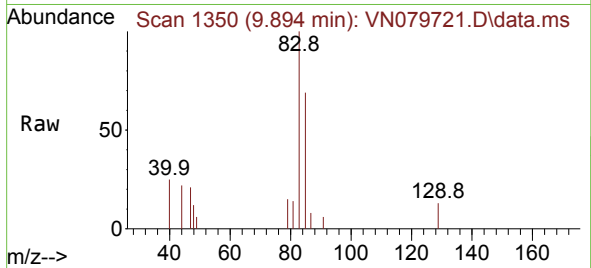




#47
Bromodichloromethane
Concen: 1.048 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

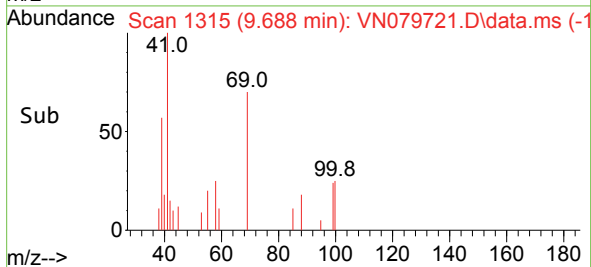
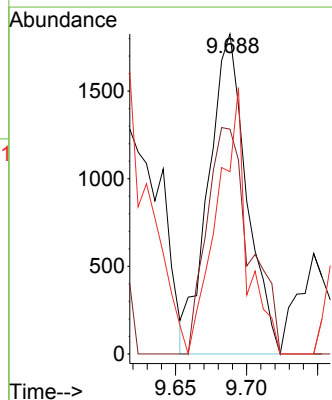
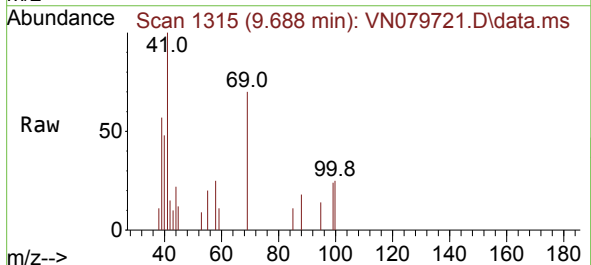
Instrument :
MSVOA_N
ClientSampleId :

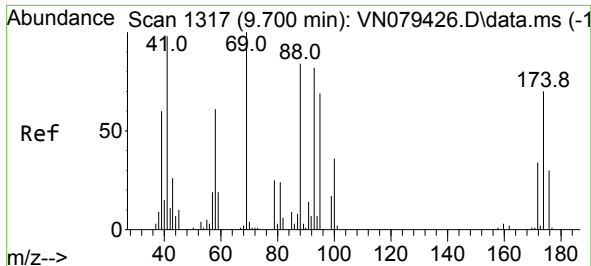
Tgt Ion: 83 Resp: 5408
Ion Ratio Lower Upper
83 100
85 69.4 49.6 74.4
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 0.955 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 41 Resp: 3412
Ion Ratio Lower Upper
41 100
69 80.1 90.4 135.6#
39 64.9 54.6 81.8





#49

1,4-Dioxane

Concen: 19.036 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

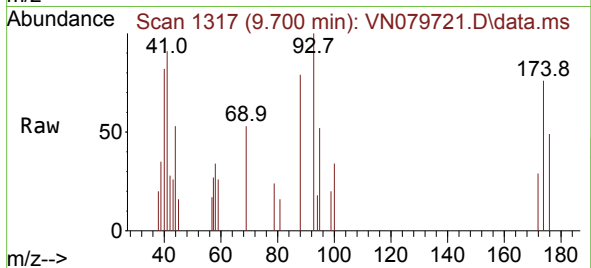
Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :



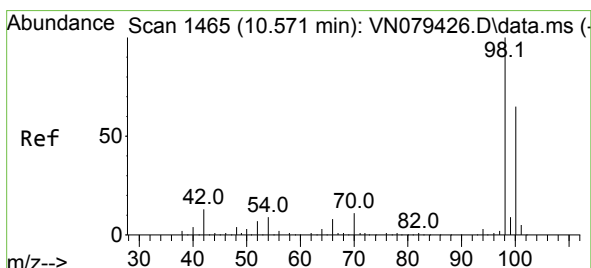
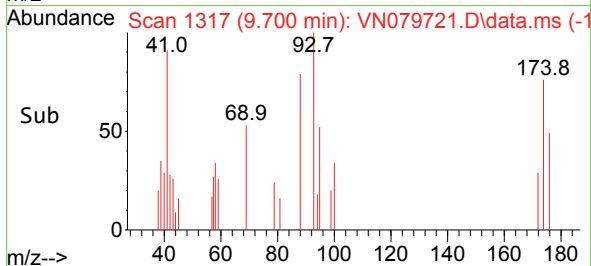
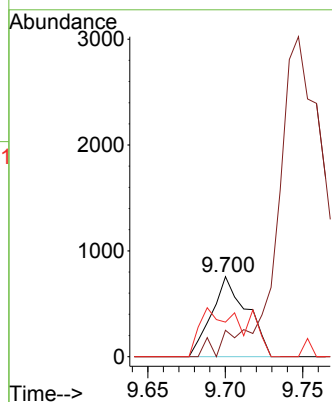
Tgt Ion: 88 Resp: 1197

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 41.9 47.0 70.4#



#50

Toluene-d8

Concen: 0.919 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN079721.D

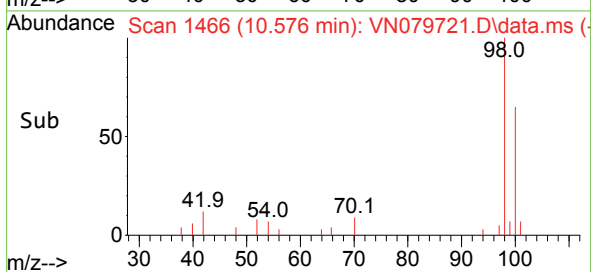
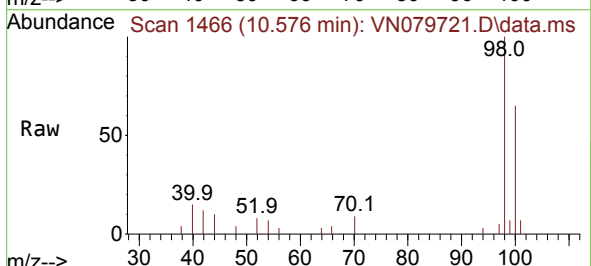
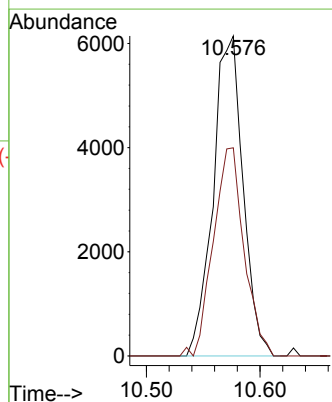
Acq: 30 Oct 2023 12:34

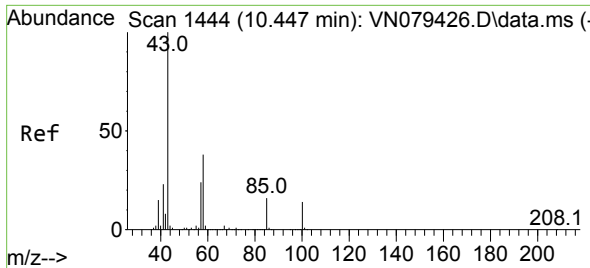
Tgt Ion: 98 Resp: 11235

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0

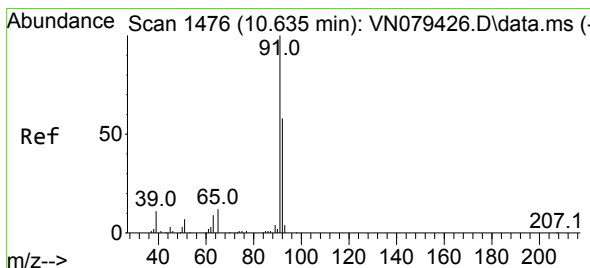
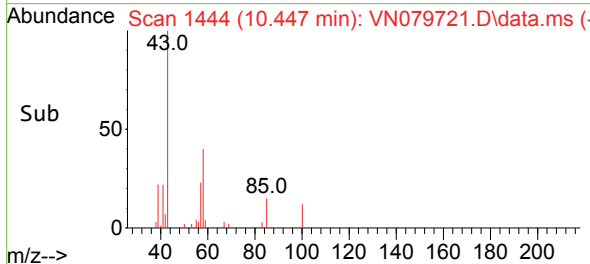
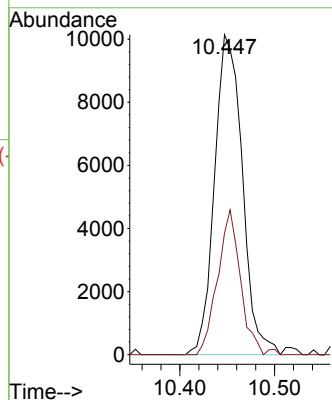
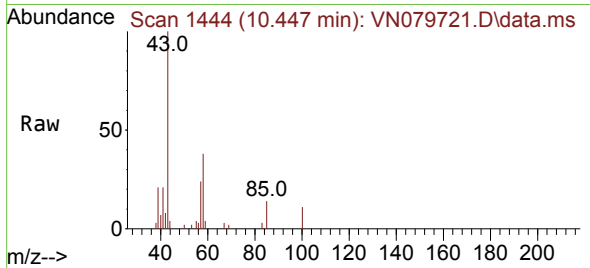




#51
4-Methyl-2-Pentanone
Concen: 4.308 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

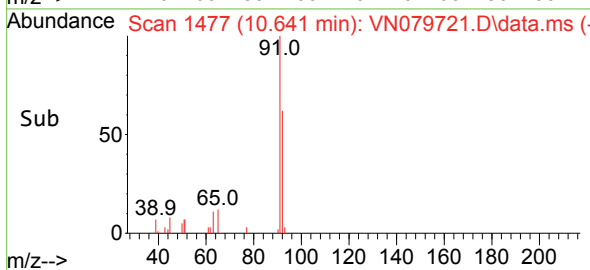
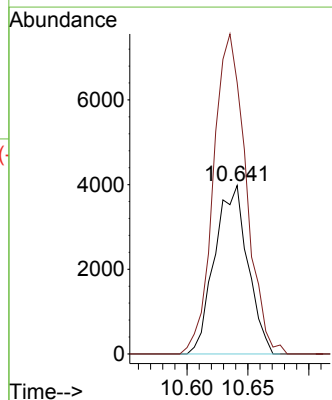
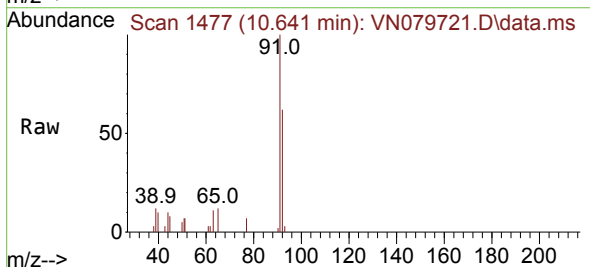
Instrument :
MSVOA_N
ClientSampleId :

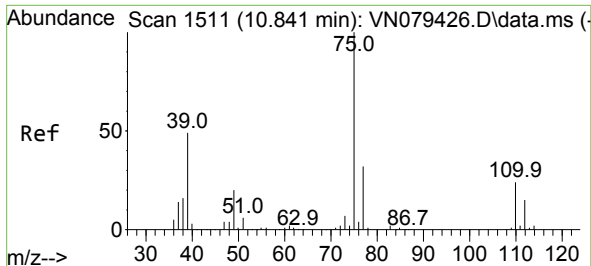
Tgt Ion: 43 Resp: 20660
Ion Ratio Lower Upper
43 100
58 37.5 36.6 54.8



#52
Toluene
Concen: 0.859 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 92 Resp: 7529
Ion Ratio Lower Upper
92 100
91 186.7 137.4 206.0

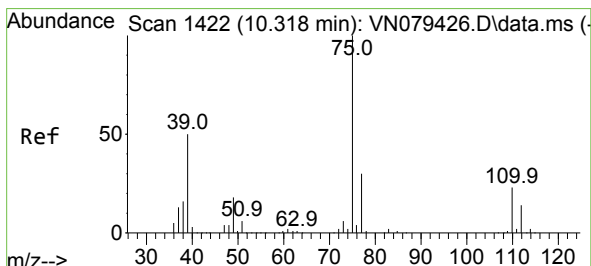
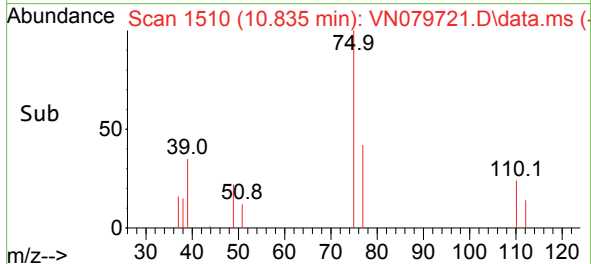
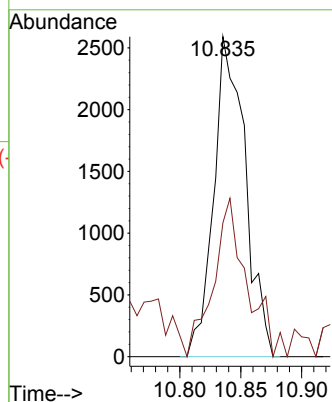
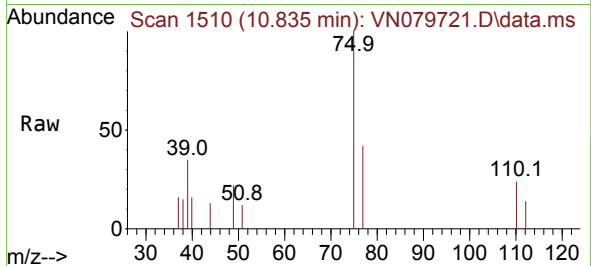




#53
 t-1,3-Dichloropropene
 Concen: 0.893 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

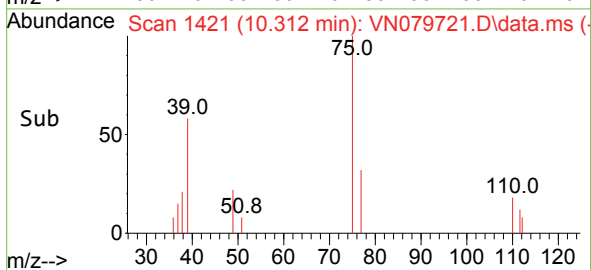
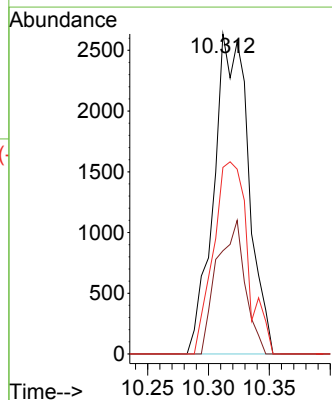
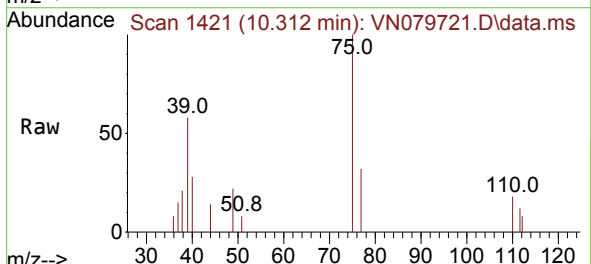
Instrument :
 MSVOA_N
 ClientSampleId :

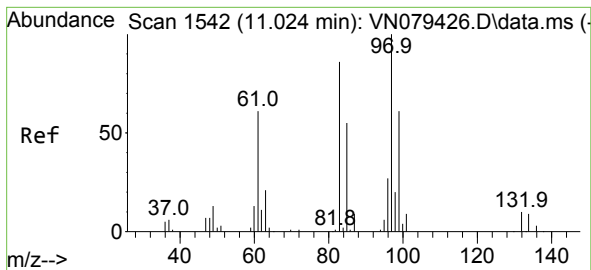
Tgt Ion: 75 Resp: 4653
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 0.919 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

Tgt Ion: 75 Resp: 5240
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.1 39.1
 39 58.3 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 1.066 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. -0.000 min

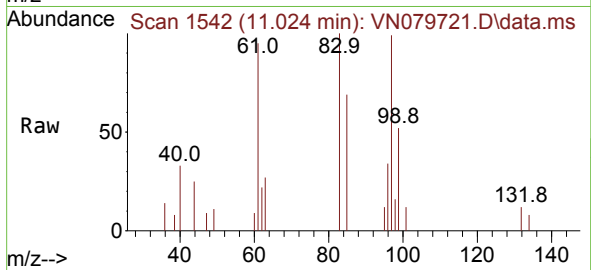
Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 3694

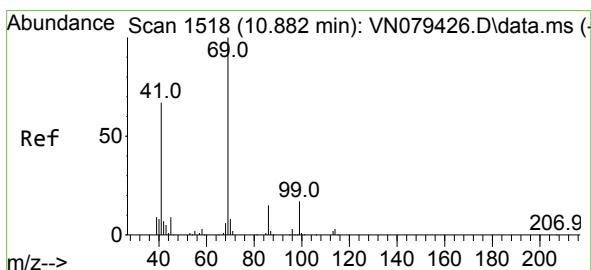
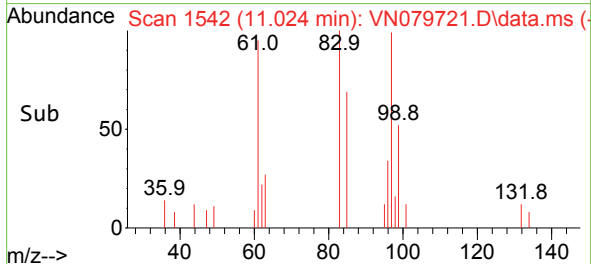
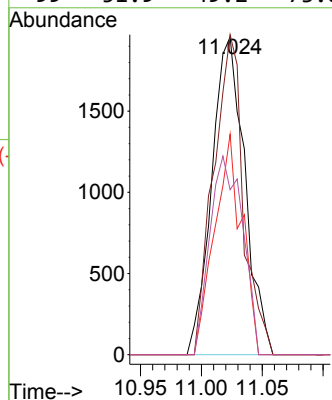
Ion Ratio Lower Upper

97 100

83 100.7 65.1 97.7#

85 69.4 43.4 65.2#

99 51.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 0.757 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

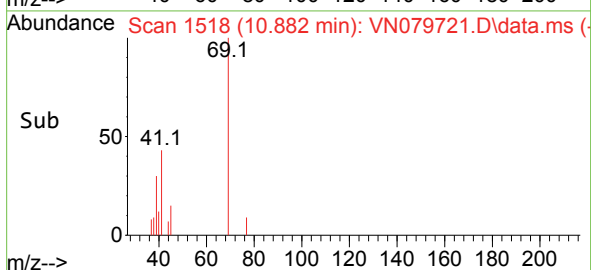
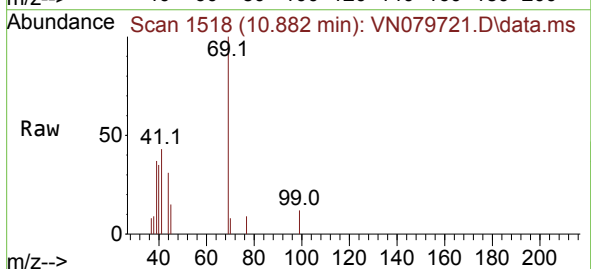
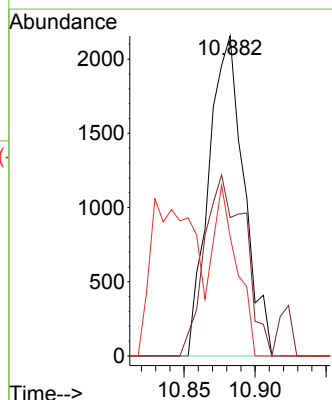
Tgt Ion: 69 Resp: 3704

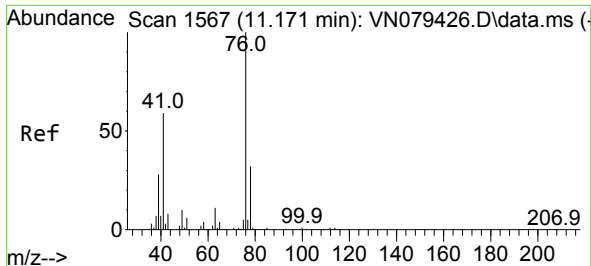
Ion Ratio Lower Upper

69 100

41 65.1 39.6 59.4#

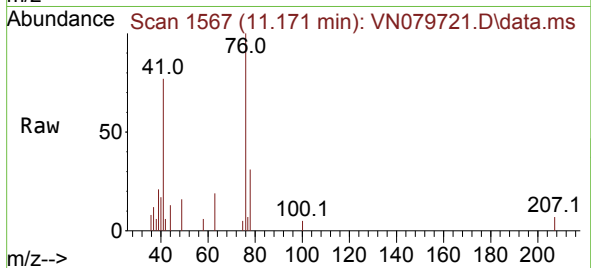
39 35.6 28.6 43.0



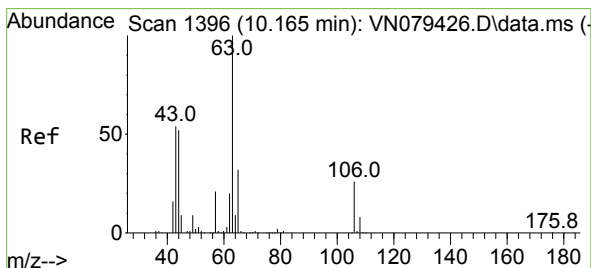
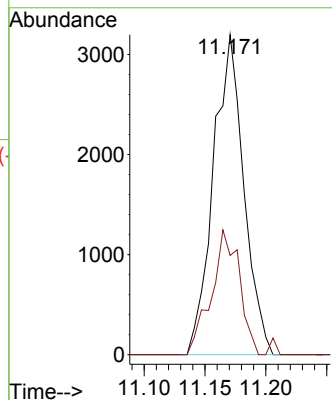
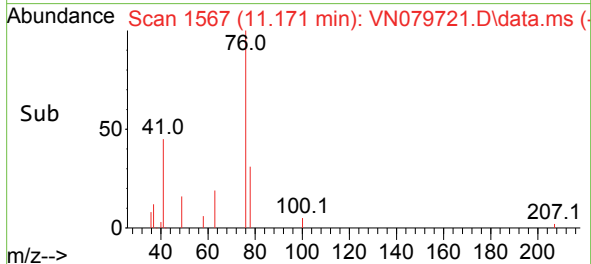


#57
1,3-Dichloropropane
Concen: 0.919 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :

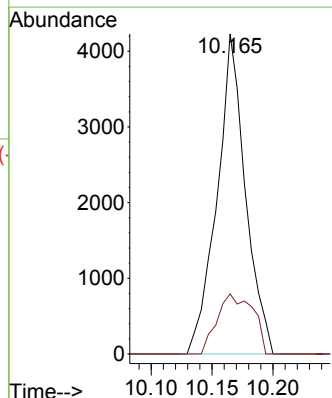
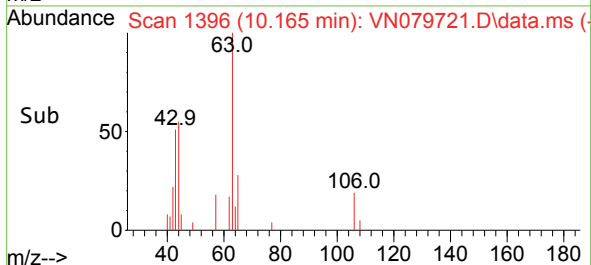
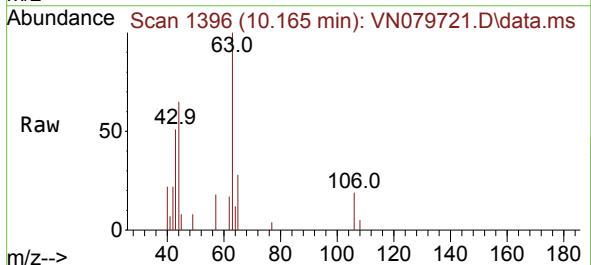


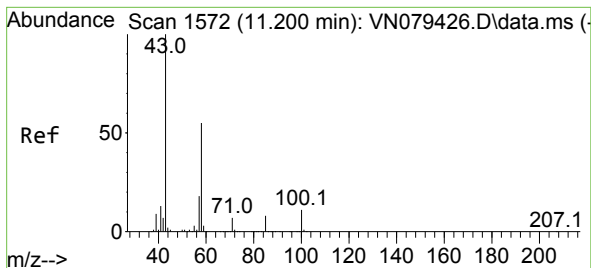
Tgt Ion: 76 Resp: 5576
Ion Ratio Lower Upper
76 100
78 35.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 3.803 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 63 Resp: 6858
Ion Ratio Lower Upper
63 100
106 23.6 26.2 39.4#

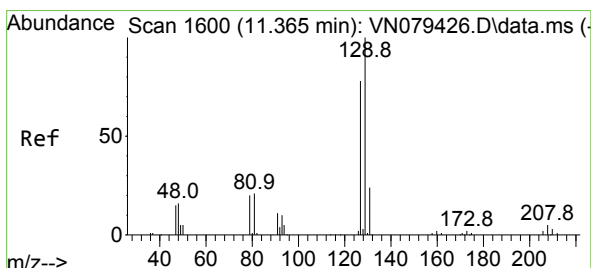
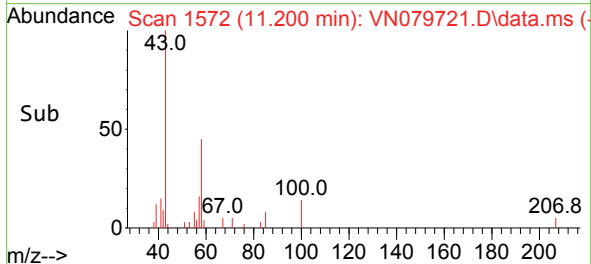
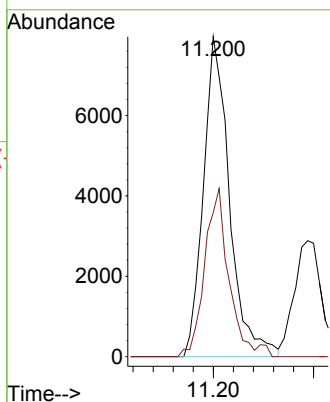
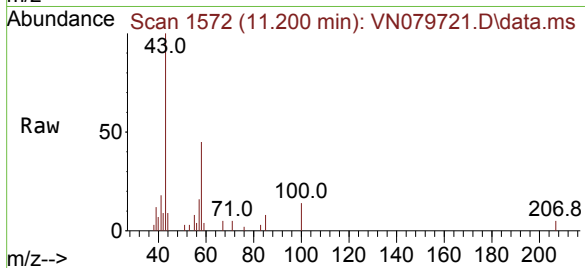




#59
2-Hexanone
Concen: 4.083 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

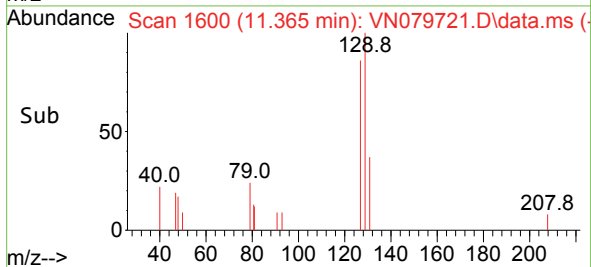
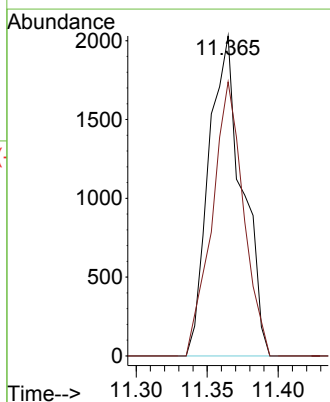
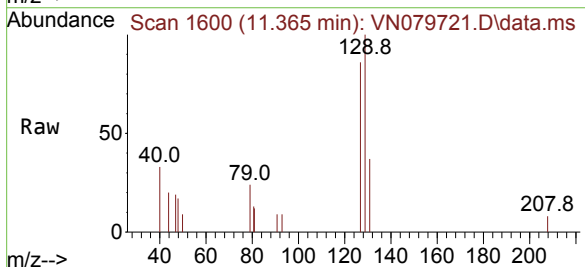
Instrument :
MSVOA_N
ClientSampleId :

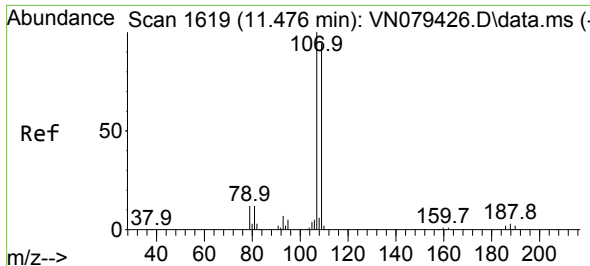
Tgt Ion: 43 Resp: 14396
Ion Ratio Lower Upper
43 100
58 49.0 31.7 95.1



#60
Dibromochloromethane
Concen: 0.930 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 129 Resp: 3334
Ion Ratio Lower Upper
129 100
127 80.4 38.6 116.0

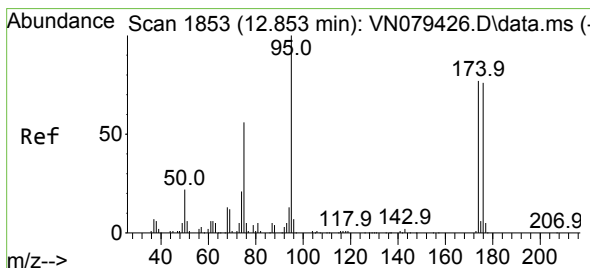
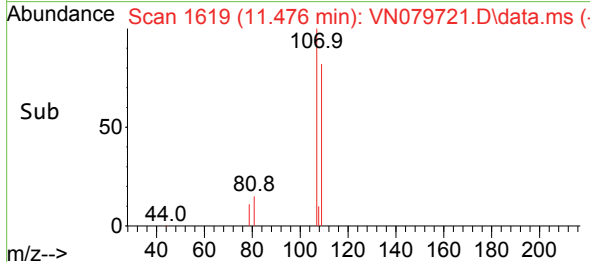
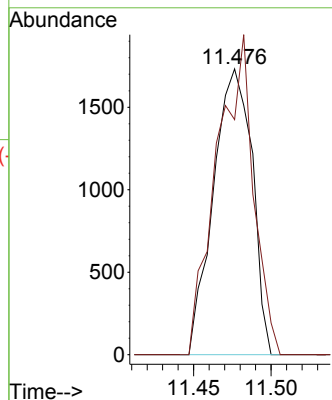
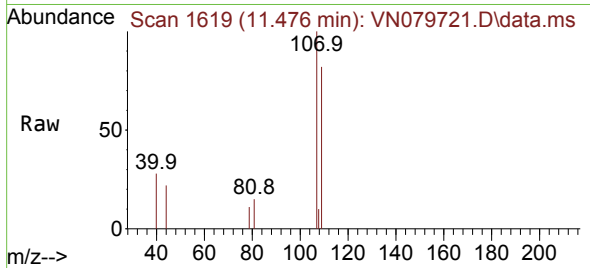




#61
1,2-Dibromoethane
Concen: 0.873 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

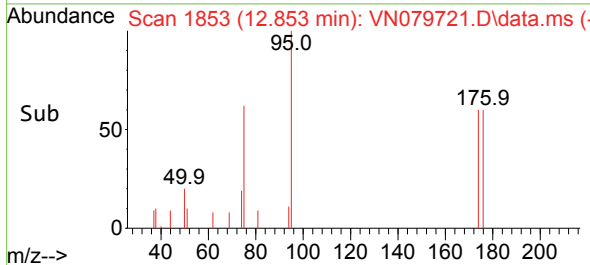
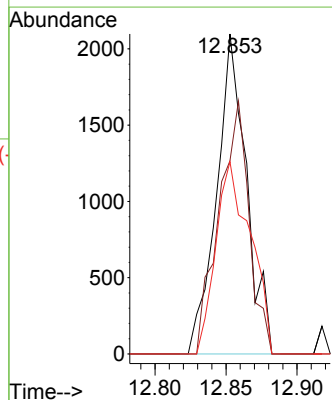
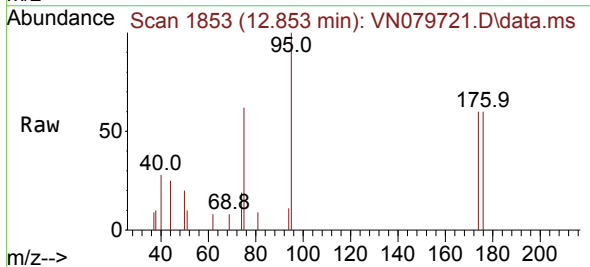
Instrument :
MSVOA_N
ClientSampleId :

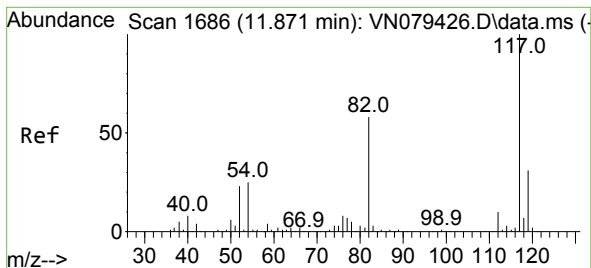
Tgt Ion:107 Resp: 3014
Ion Ratio Lower Upper
107 100
109 105.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 0.797 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 95 Resp: 3066
Ion Ratio Lower Upper
95 100
174 79.5 0.0 143.8
176 69.7 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: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

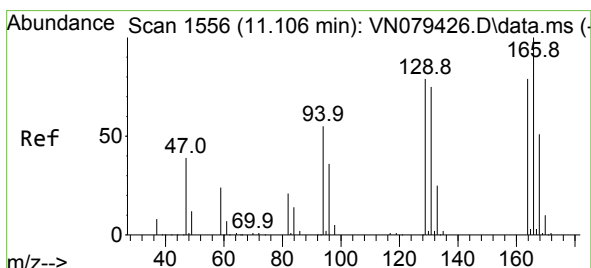
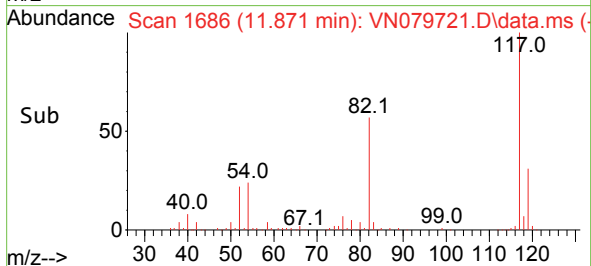
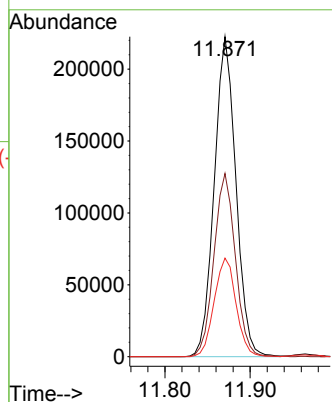
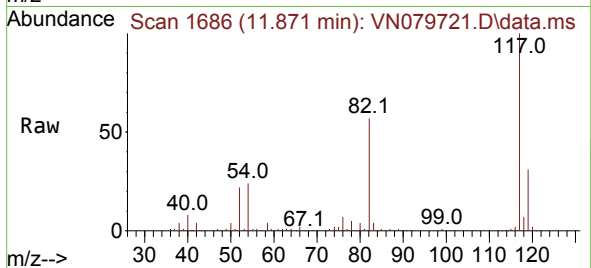
Tgt Ion:117 Resp: 392961

Ion Ratio Lower Upper

117 100

82 57.2 44.0 66.0

119 30.8 25.6 38.4



#64

Tetrachloroethene

Concen: 1.191 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Tgt Ion:164 Resp: 3321

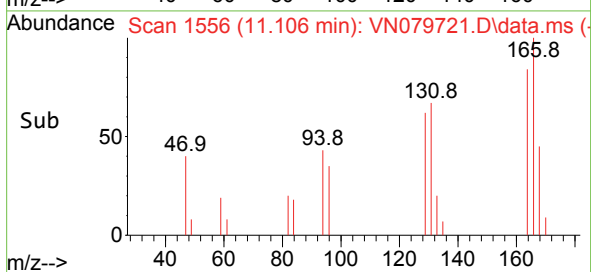
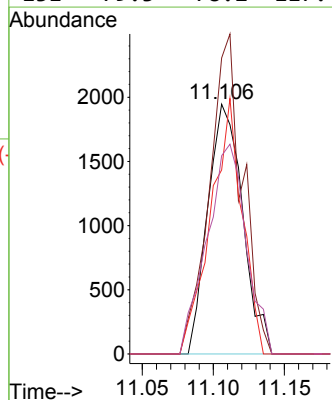
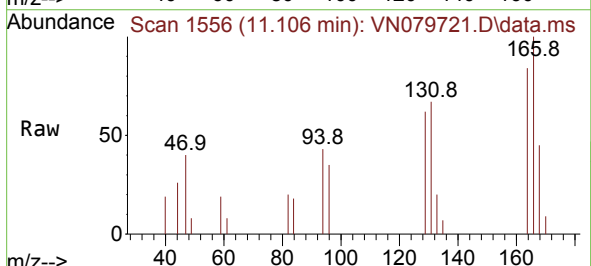
Ion Ratio Lower Upper

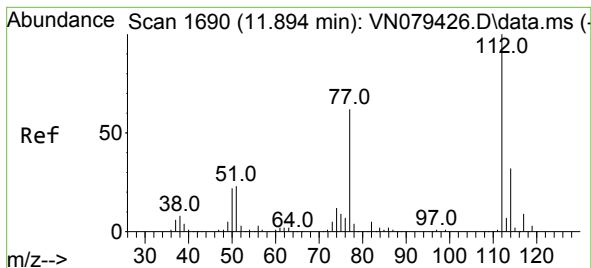
164 100

166 118.5 101.4 152.0

129 73.6 82.4 123.6#

131 79.3 78.2 117.4

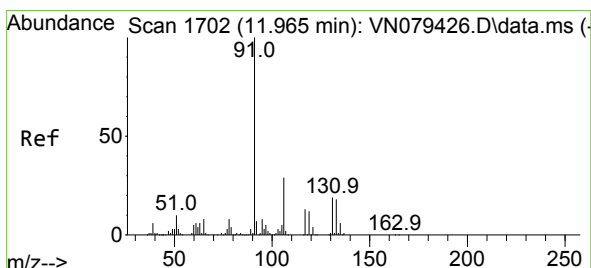
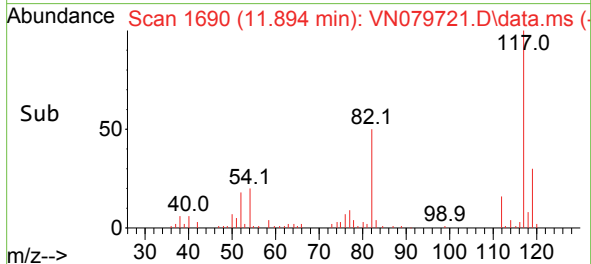
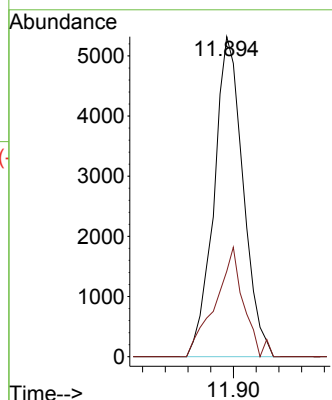
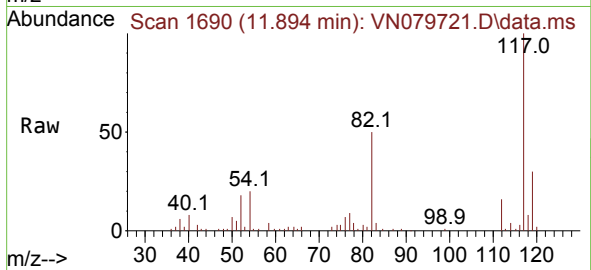




#65
Chlorobenzene
Concen: 1.089 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

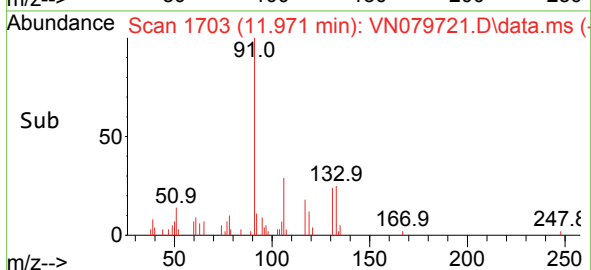
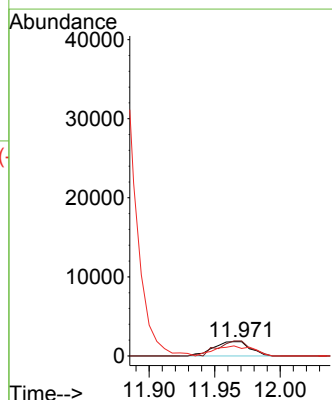
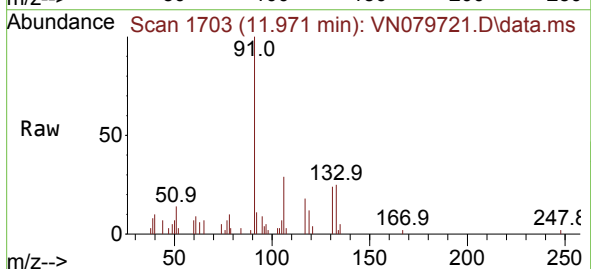
Instrument :
MSVOA_N
ClientSampleId :

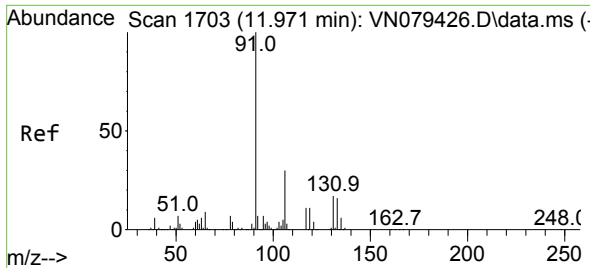
Tgt Ion:112 Resp: 9468
Ion Ratio Lower Upper
112 100
114 26.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 1.088 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion:131 Resp: 3515
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 0.0 34.1 102.2#

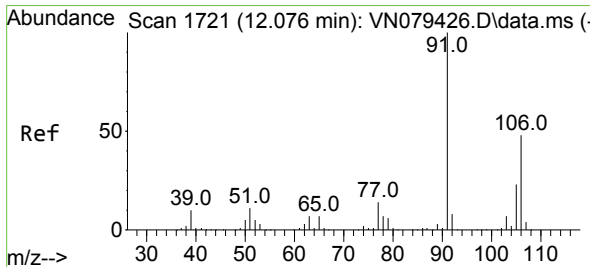
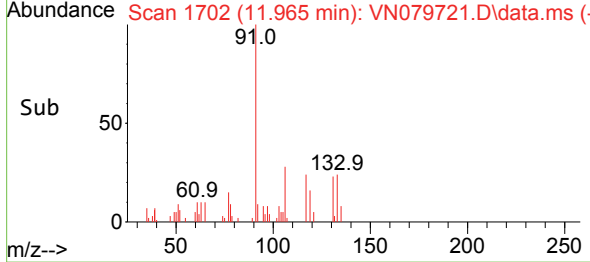
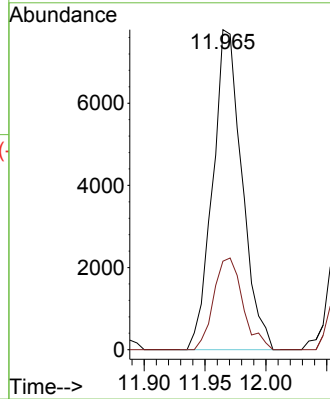
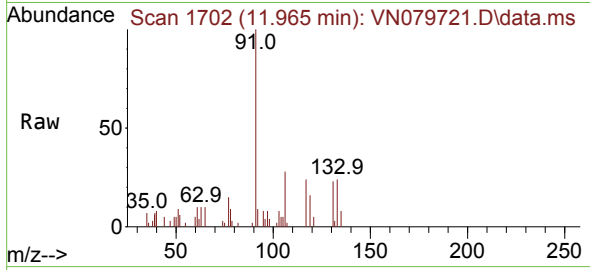




#67
Ethyl Benzene
Concen: 0.850 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

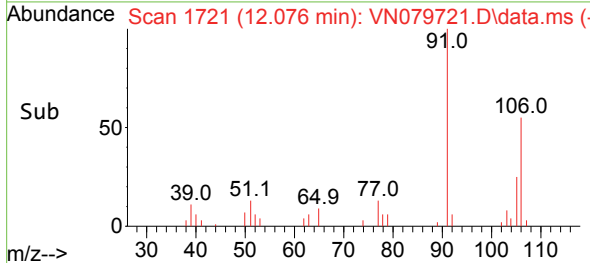
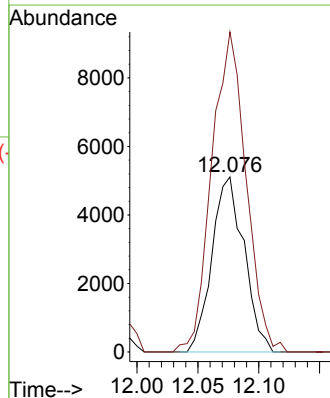
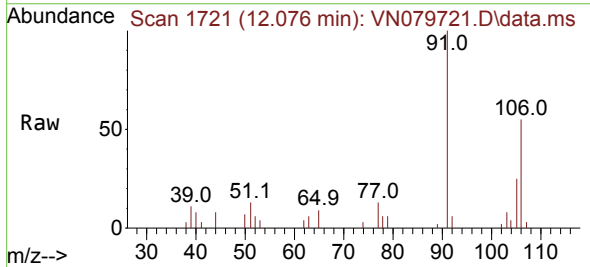
Instrument :
MSVOA_N
ClientSampleId :

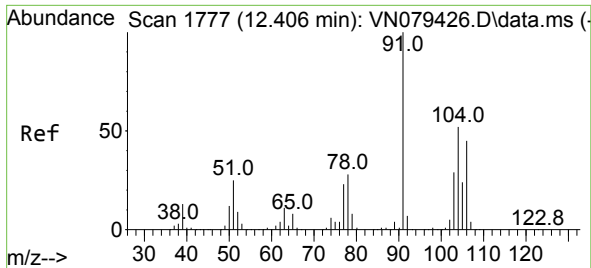
Tgt Ion: 91 Resp: 13024
Ion Ratio Lower Upper
91 100
106 27.7 25.6 38.4



#68
m/p-Xylenes
Concen: 1.654 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion:106 Resp: 9374
Ion Ratio Lower Upper
106 100
91 195.4 159.6 239.4

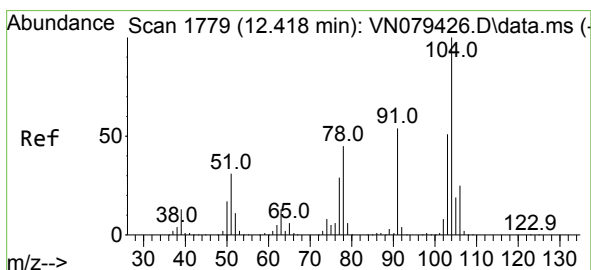
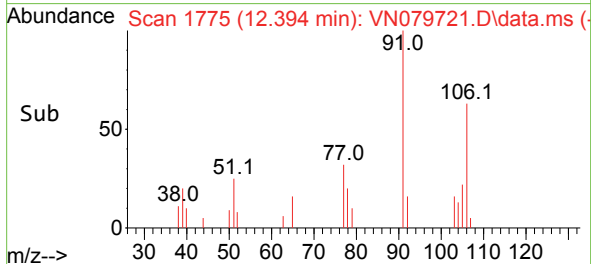
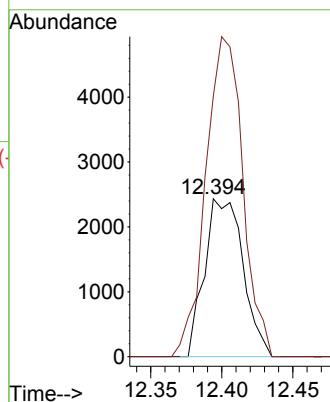
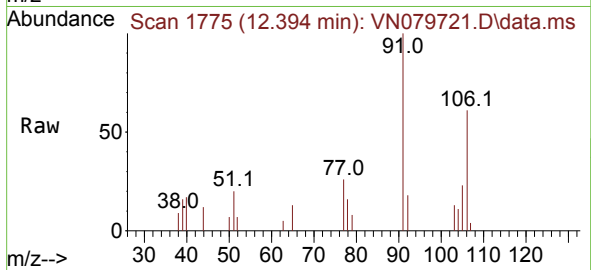




#69
o-Xylene
Concen: 0.839 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.012 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

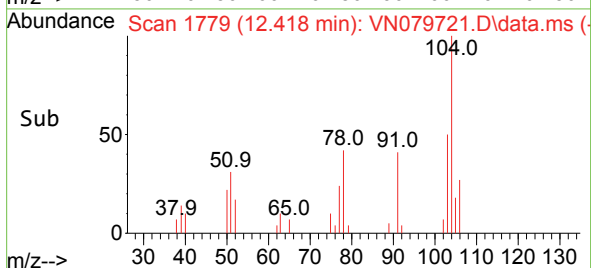
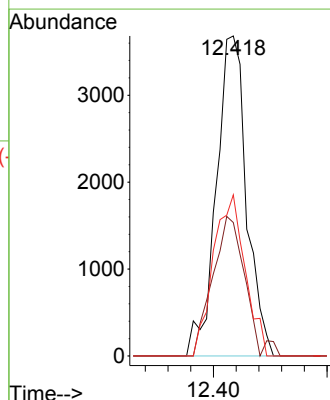
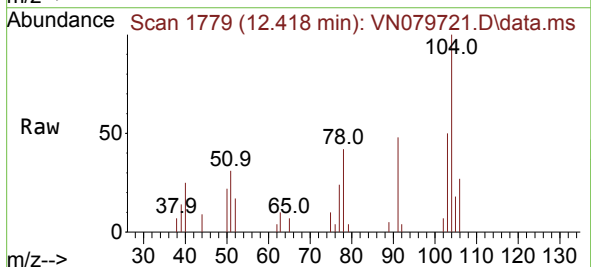
Instrument :
MSVOA_N
ClientSampleId :

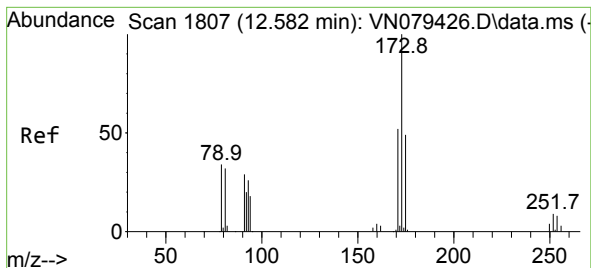
Tgt Ion:106 Resp: 4570
Ion Ratio Lower Upper
106 100
91 195.3 105.2 315.5



#70
Styrene
Concen: 0.779 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion:104 Resp: 6803
Ion Ratio Lower Upper
104 100
78 47.0 39.5 59.3
103 53.0 43.2 64.8





#71

Bromoform

Concen: 1.128 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

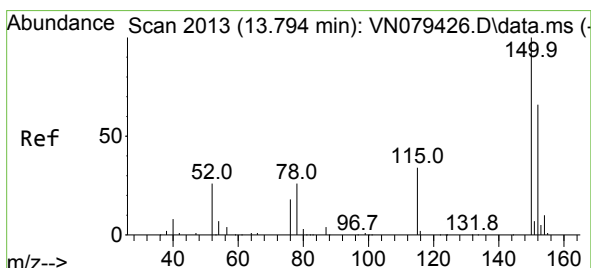
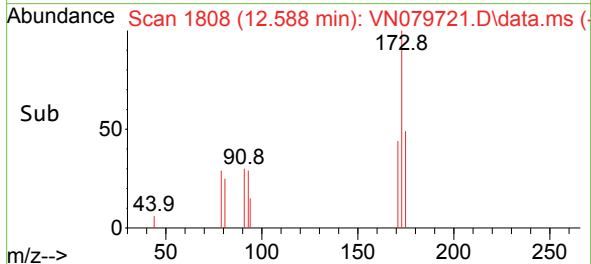
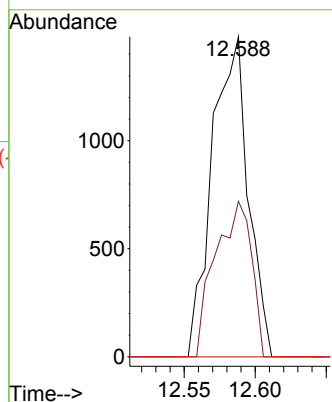
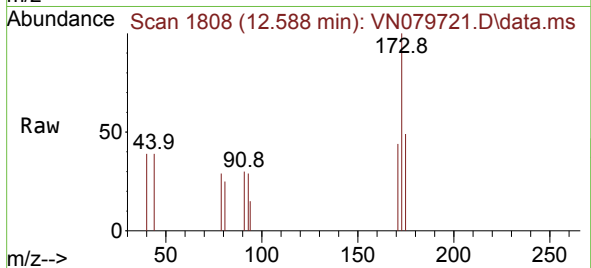
Tgt Ion:173 Resp: 2611

Ion Ratio Lower Upper

173 100

175 48.9 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: VN079721.D

Acq: 30 Oct 2023 12:34

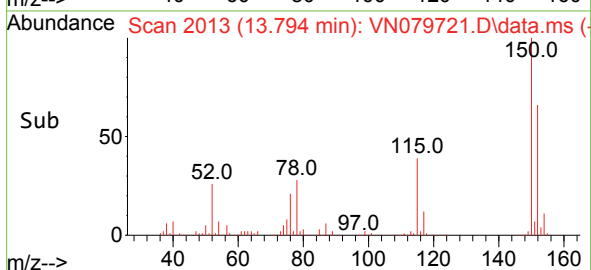
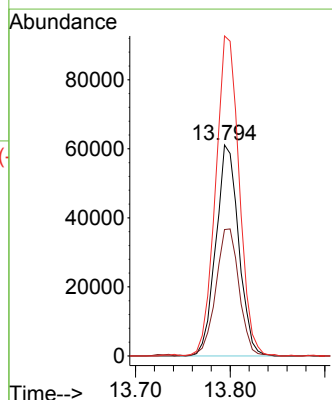
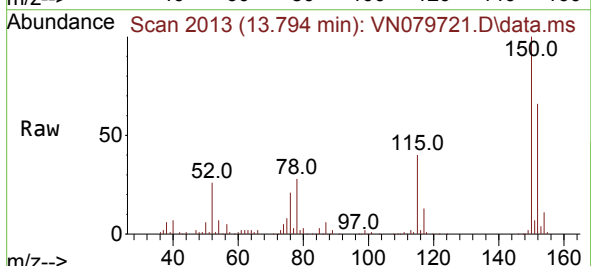
Tgt Ion:152 Resp: 102178

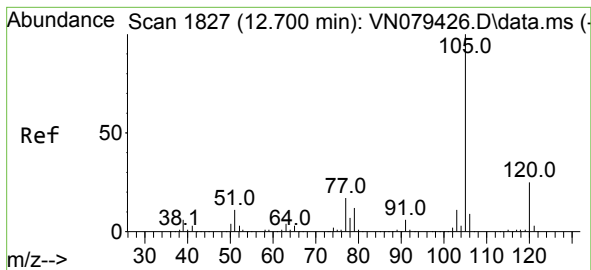
Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 157.0 0.0 355.8





#73

Isopropylbenzene

Concen: 1.150 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

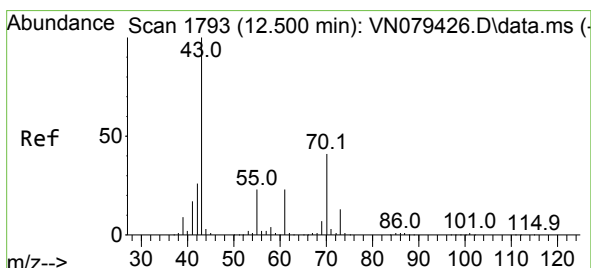
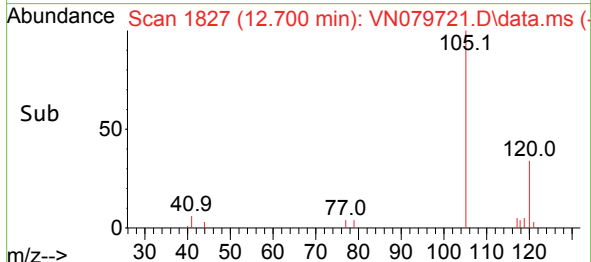
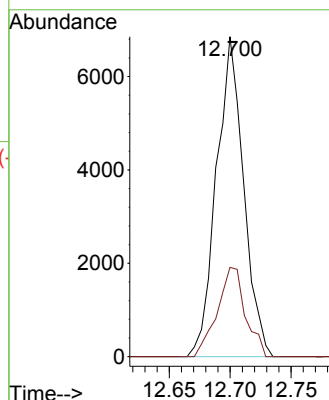
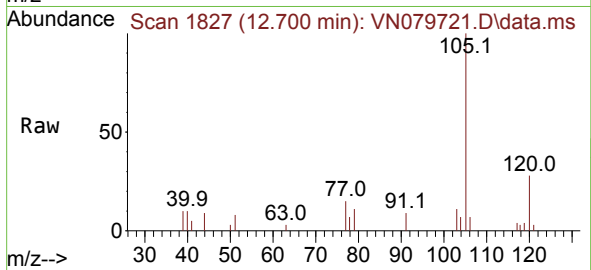
ClientSampleId :

Tgt Ion:105 Resp: 10641

Ion Ratio Lower Upper

105 100

120 28.9 13.1 39.1



#74

N-ethyl acetate

Concen: 1.179 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Tgt Ion: 43 Resp: 4341

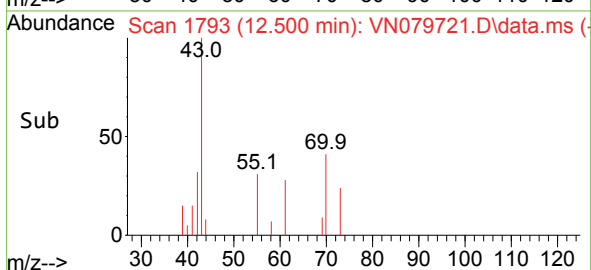
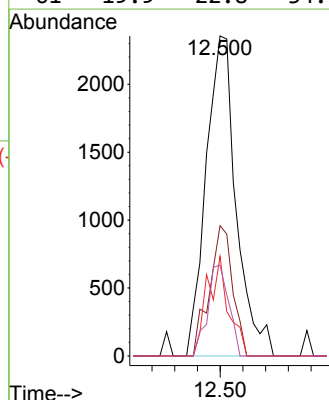
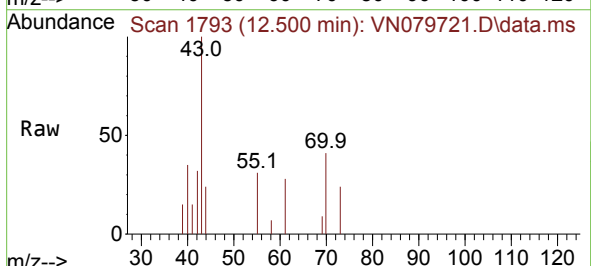
Ion Ratio Lower Upper

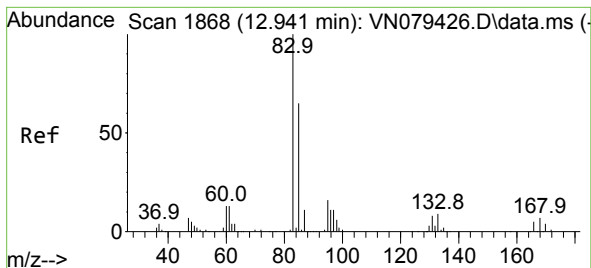
43 100

70 31.4 43.4 65.2#

55 21.9 21.4 32.0

61 19.9 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.531 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

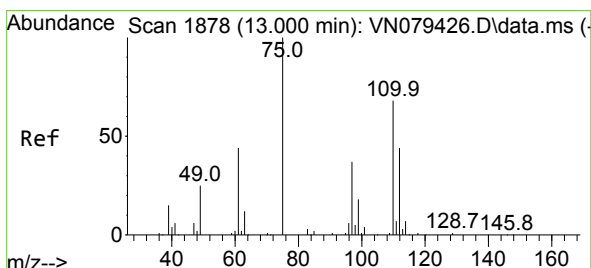
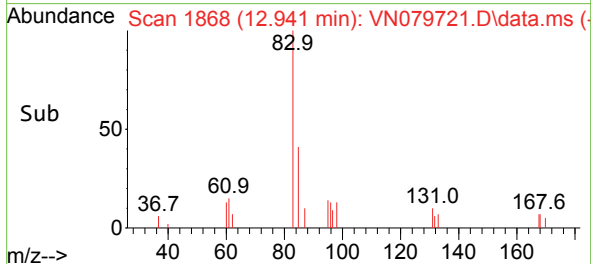
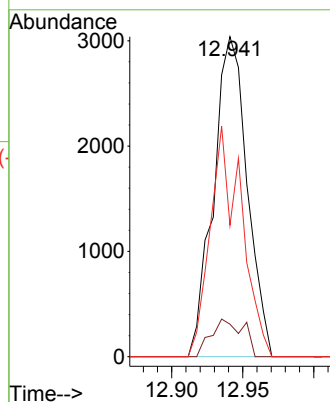
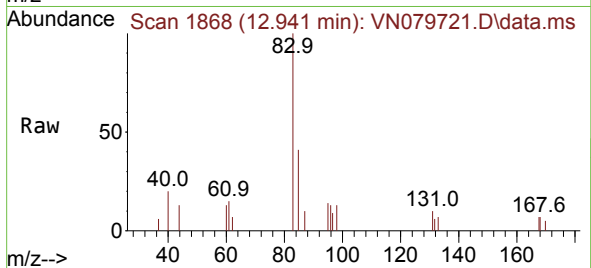
Tgt Ion: 83 Resp: 5018

Ion Ratio Lower Upper

83 100

131 11.2 5.0 15.0

85 66.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 2.012 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.012 min

Lab File: VN079721.D

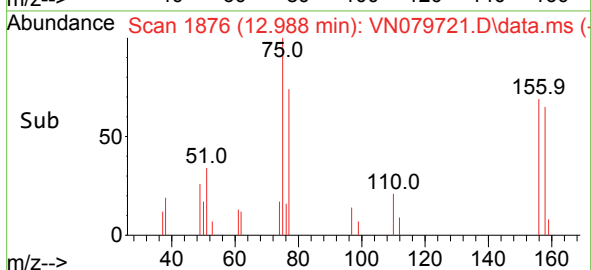
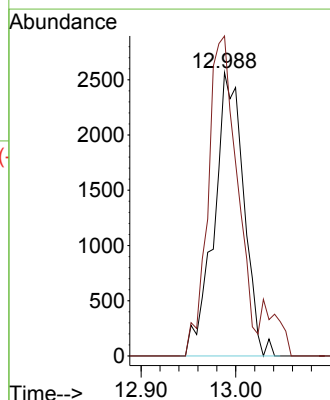
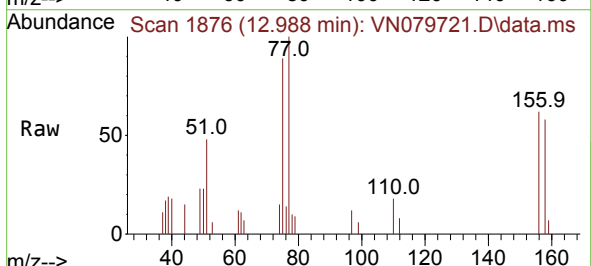
Acq: 30 Oct 2023 12:34

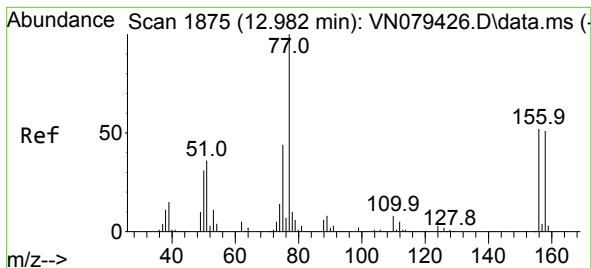
Tgt Ion: 75 Resp: 5583

Ion Ratio Lower Upper

75 100

77 111.3 84.5 253.5





#77

Bromobenzene

Concen: 1.224 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

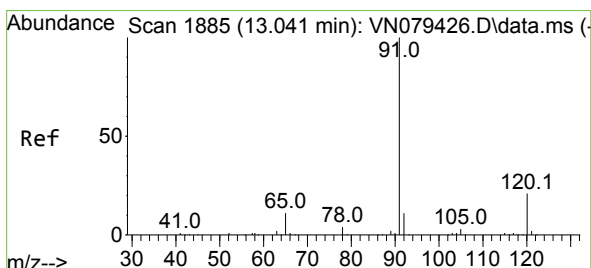
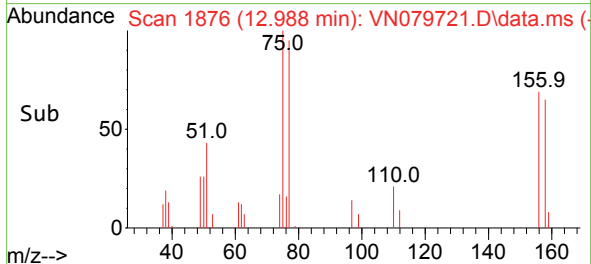
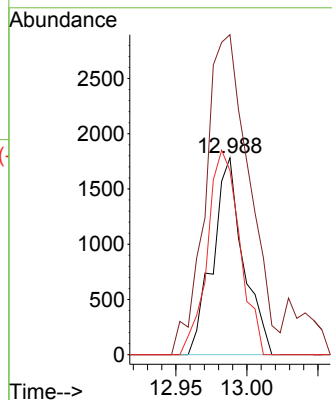
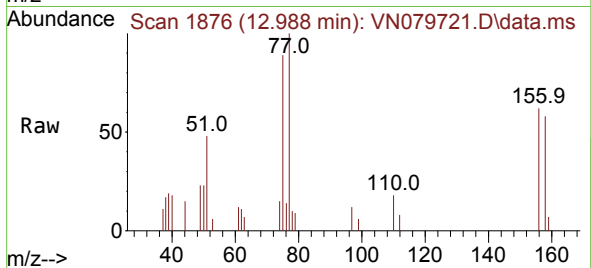
Tgt Ion:156 Resp: 2664

Ion Ratio Lower Upper

156 100

77 233.3 107.7 323.3

158 110.0 48.4 145.3



#78

n-propylbenzene

Concen: 1.033 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079721.D

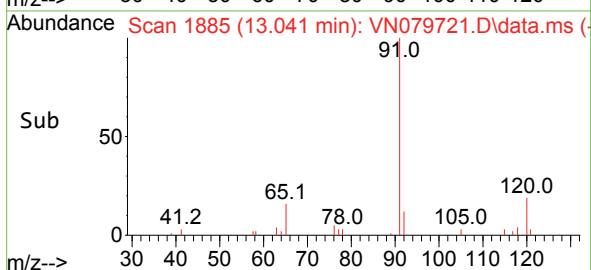
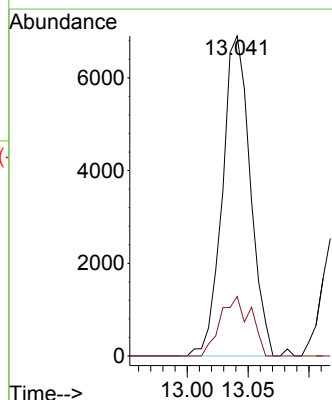
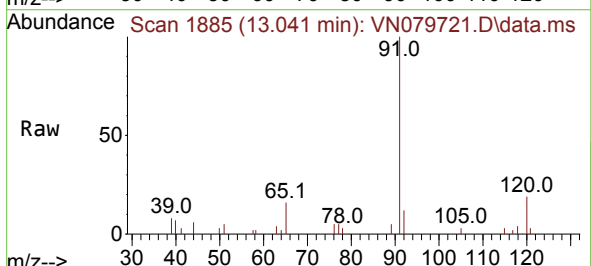
Acq: 30 Oct 2023 12:34

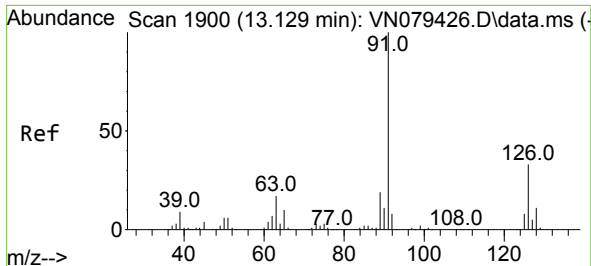
Tgt Ion: 91 Resp: 11010

Ion Ratio Lower Upper

91 100

120 20.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.303 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

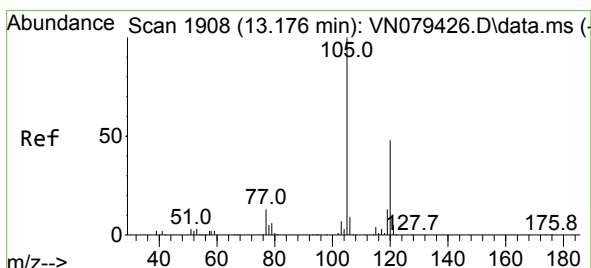
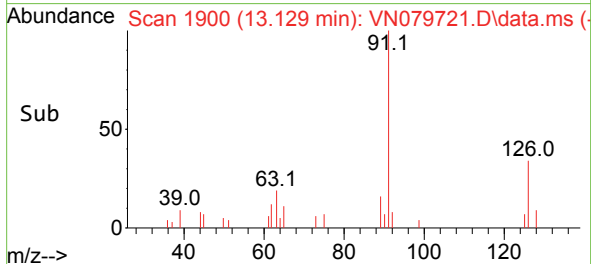
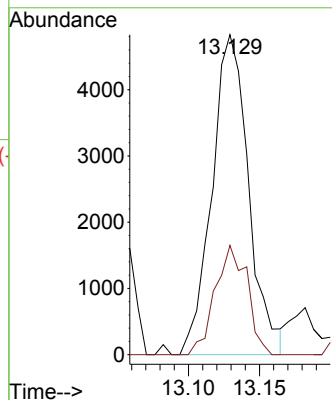
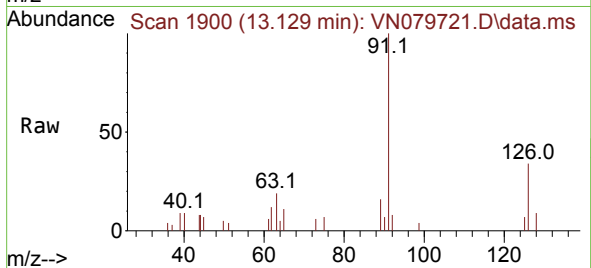
ClientSampleId :

Tgt Ion: 91 Resp: 8658

Ion Ratio Lower Upper

91 100

126 29.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.953 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VN079721.D

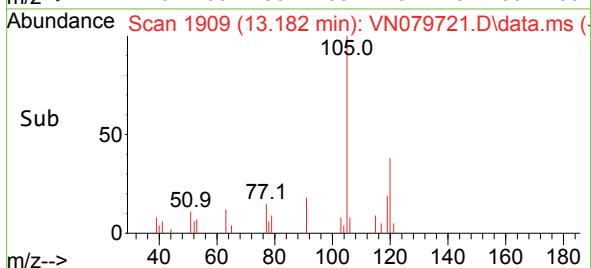
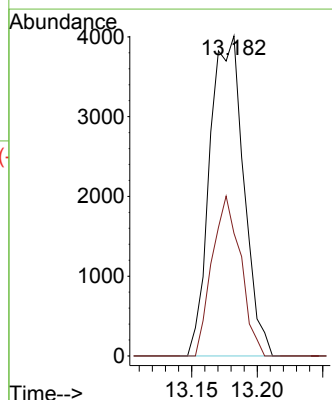
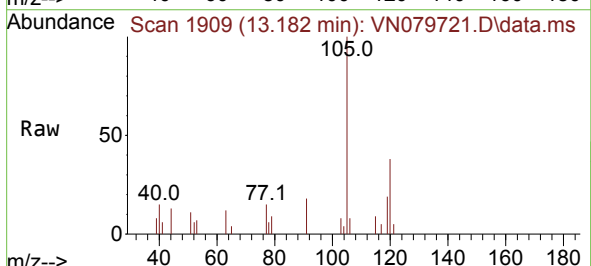
Acq: 30 Oct 2023 12:34

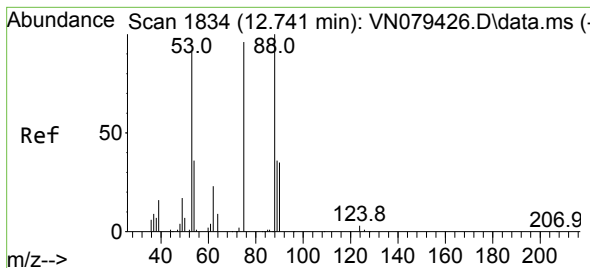
Tgt Ion: 105 Resp: 7190

Ion Ratio Lower Upper

105 100

120 42.2 24.1 72.3

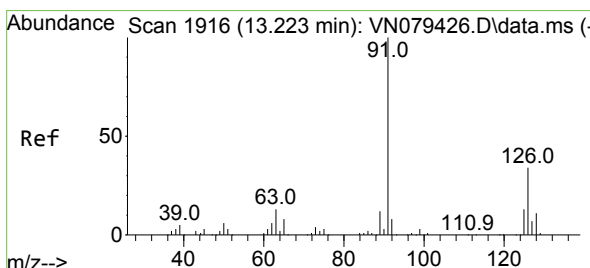
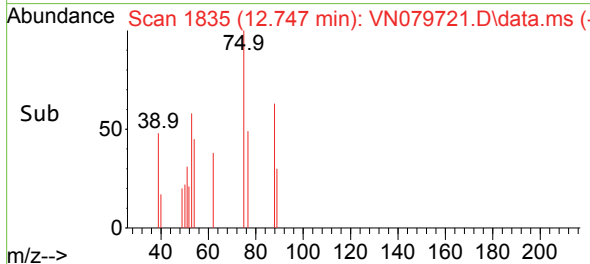
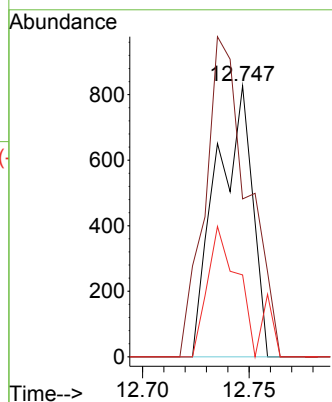
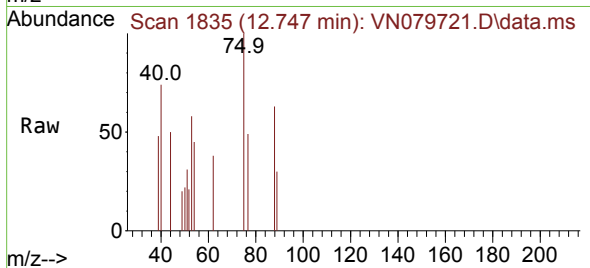




#81
trans-1,4-Dichloro-2-butene
Concen: 1.055 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

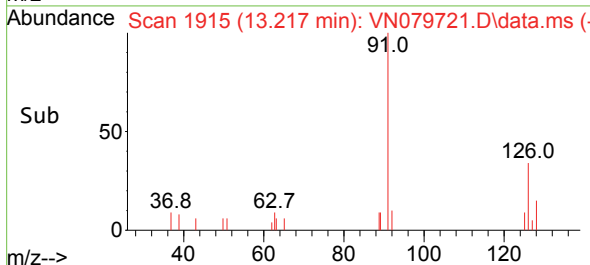
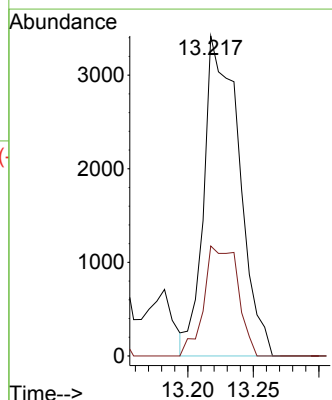
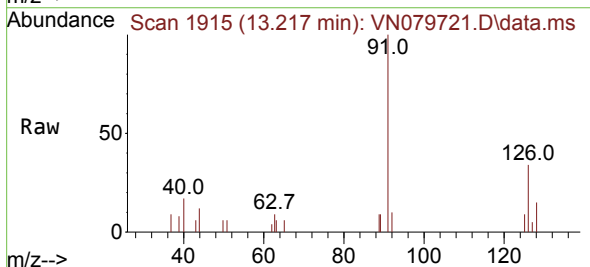
Instrument :
MSVOA_N
ClientSampleId :

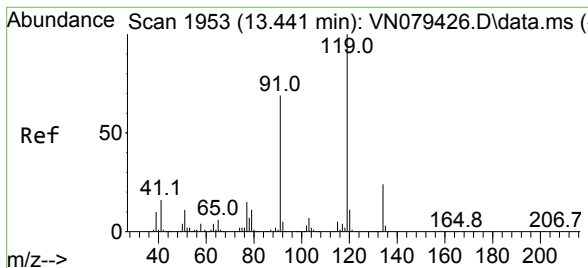
Tgt Ion: 75 Resp: 970
Ion Ratio Lower Upper
75 100
53 139.3 67.4 101.2#
89 46.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 0.998 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 91 Resp: 6369
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





#83

tert-Butylbenzene

Concen: 1.028 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

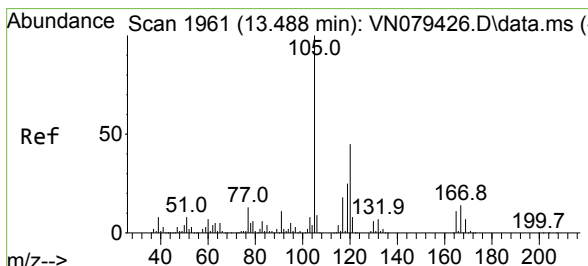
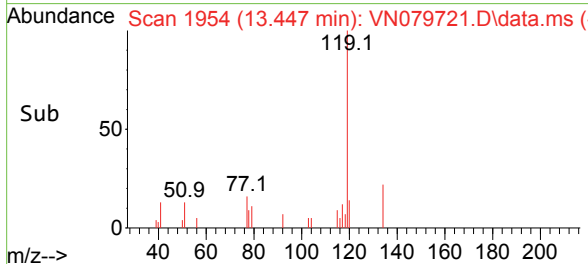
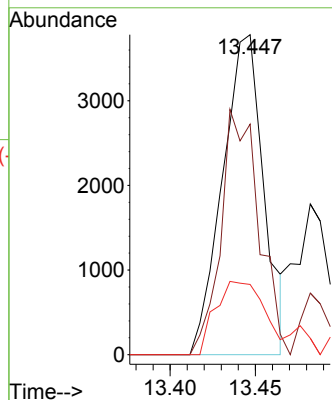
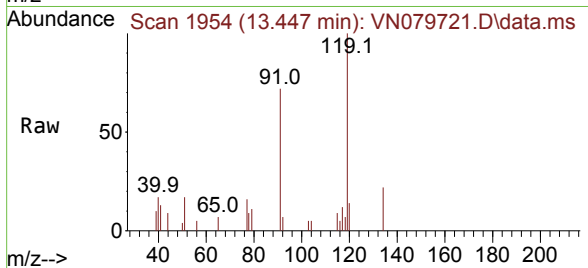
Tgt Ion:119 Resp: 6354

Ion Ratio Lower Upper

119 100

91 70.7 33.9 101.7

134 32.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 0.848 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079721.D

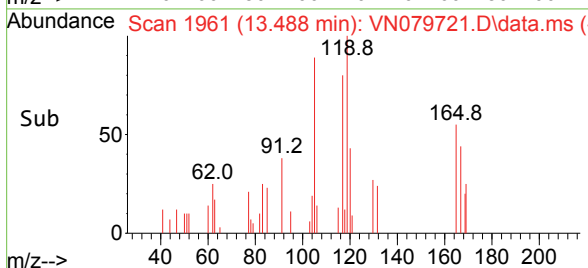
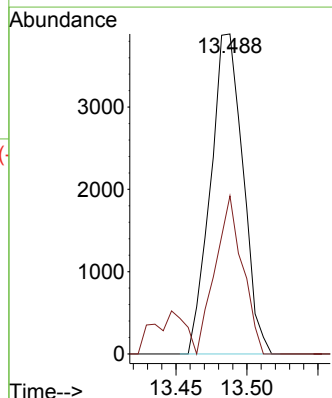
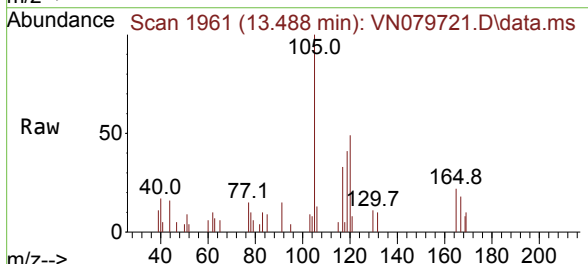
Acq: 30 Oct 2023 12:34

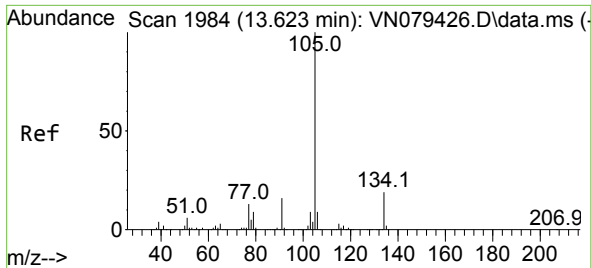
Tgt Ion:105 Resp: 6172

Ion Ratio Lower Upper

105 100

120 41.7 22.0 66.0

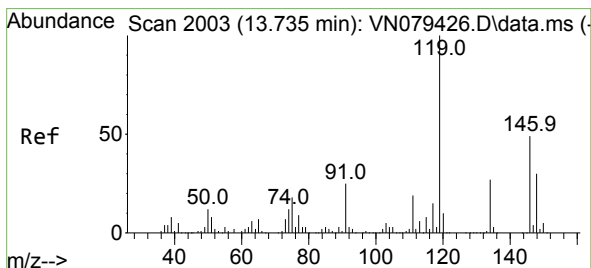
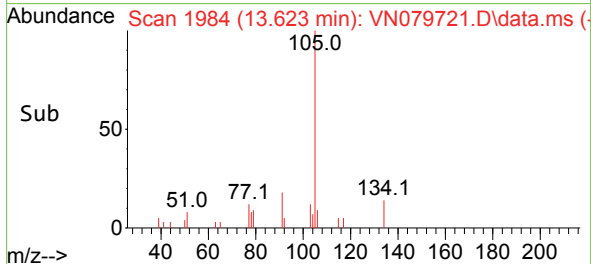
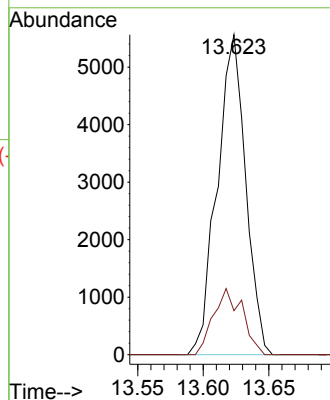
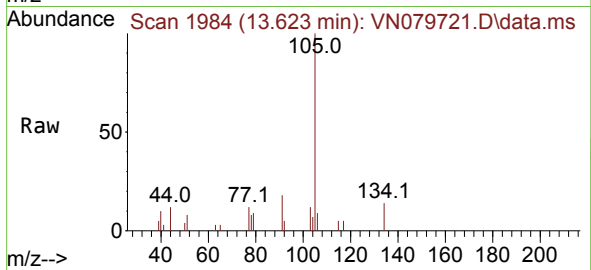




#85
 sec-Butylbenzene
 Concen: 0.974 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

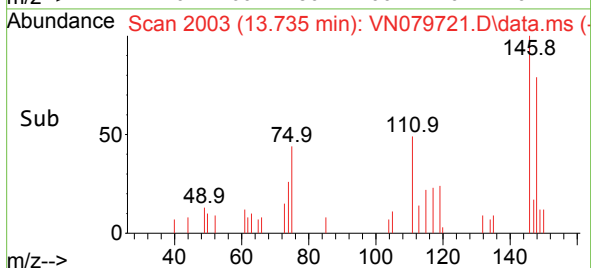
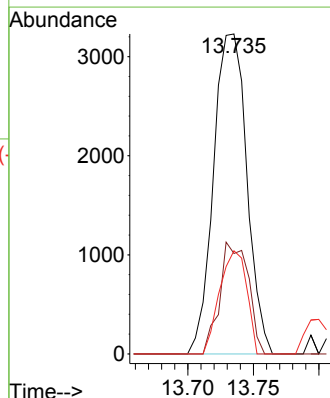
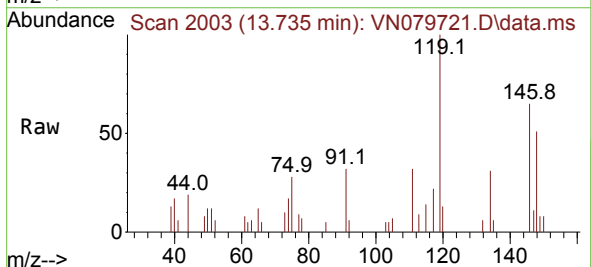
Instrument :
 MSVOA_N
 ClientSampleId :

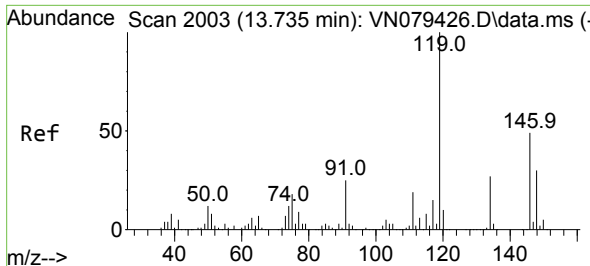
Tgt Ion:105 Resp: 8396
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.830 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

Tgt Ion:119 Resp: 5704
 Ion Ratio Lower Upper
 119 100
 134 29.7 12.6 37.8
 91 26.2 12.4 37.2

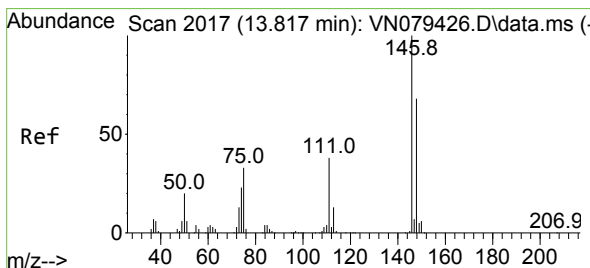
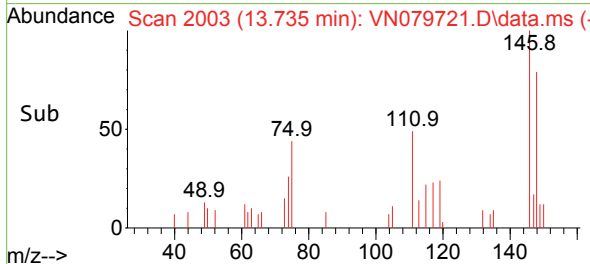
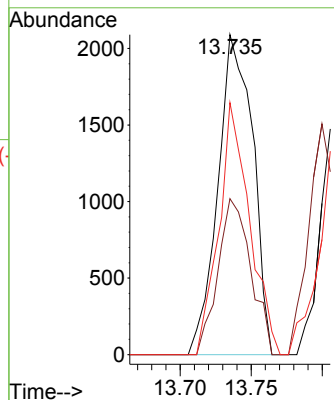
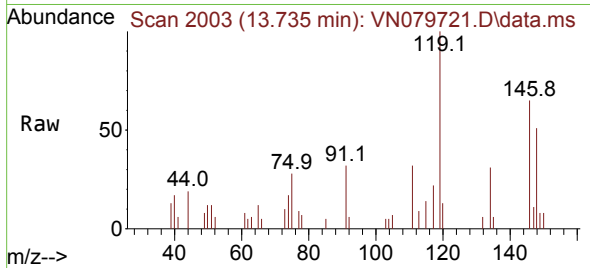




#87
 1,3-Dichlorobenzene
 Concen: 0.969 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

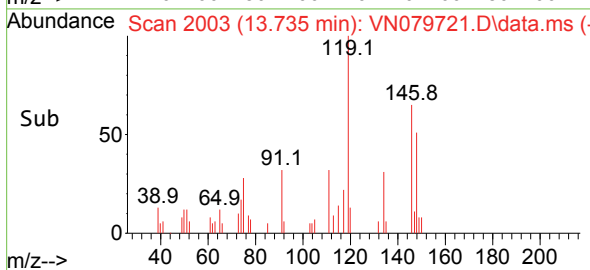
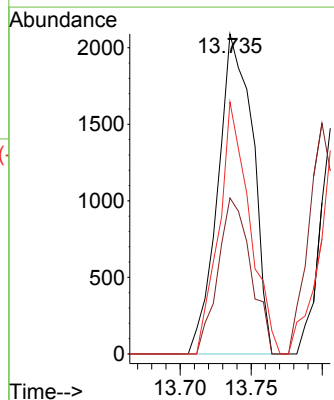
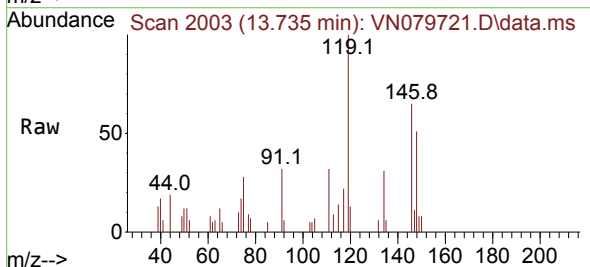
Instrument :
 MSVOA_N
 ClientSampleId :

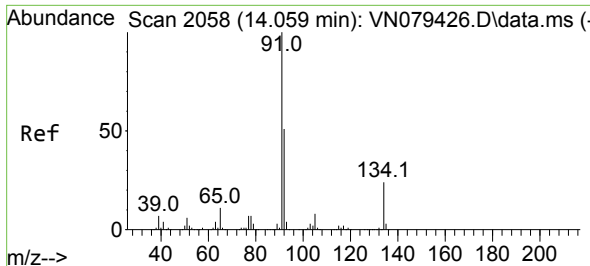
Tgt Ion:146 Resp: 3568
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.1 66.3
 148 69.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.973 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.082 min
 Lab File: VN079721.D
 Acq: 30 Oct 2023 12:34

Tgt Ion:146 Resp: 3568
 Ion Ratio Lower Upper
 146 100
 111 45.8 20.6 61.8
 148 69.4 31.6 94.8

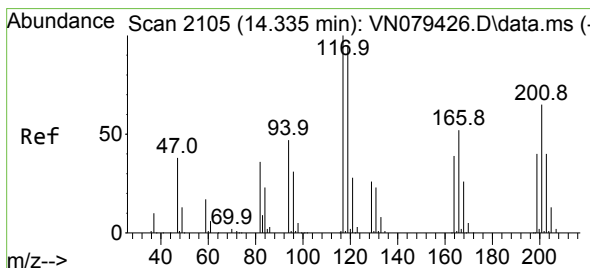
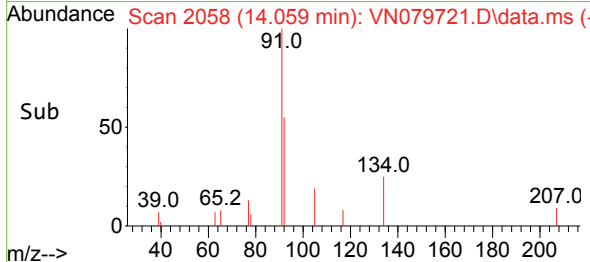
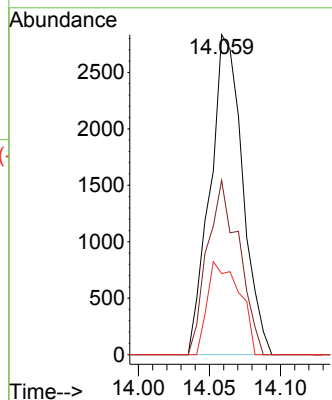
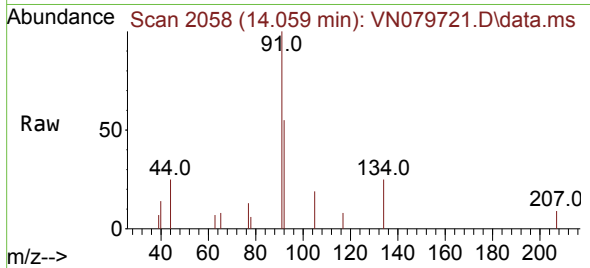




#89
n-Butylbenzene
Concen: 0.825 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

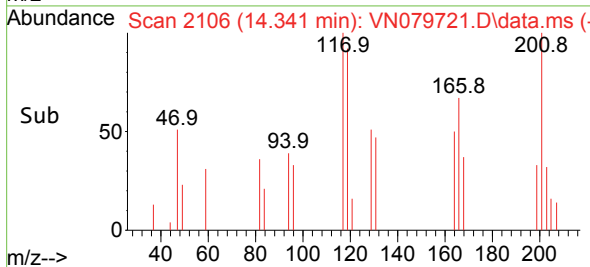
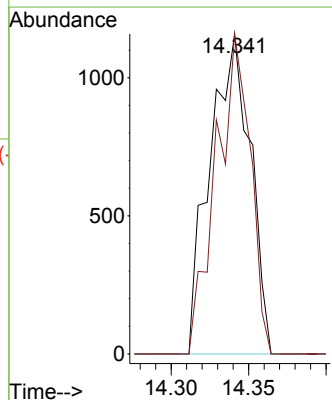
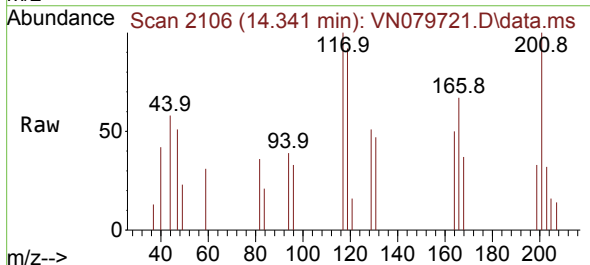
Instrument :
MSVOA_N
ClientSampleId :

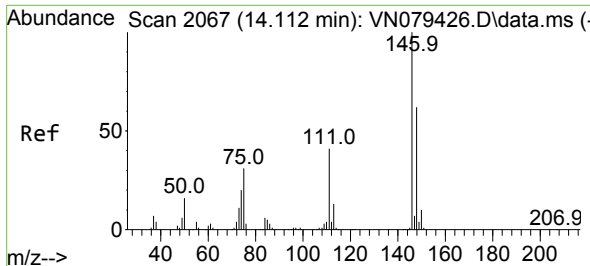
Tgt Ion: 91 Resp: 4504
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 28.6 12.6 37.6



#90
Hexachloroethane
Concen: 1.446 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion: 117 Resp: 2099
Ion Ratio Lower Upper
117 100
201 84.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 1.029 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

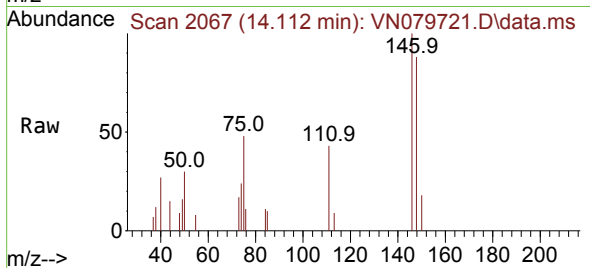
Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :



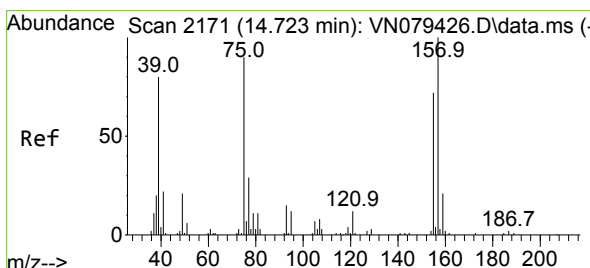
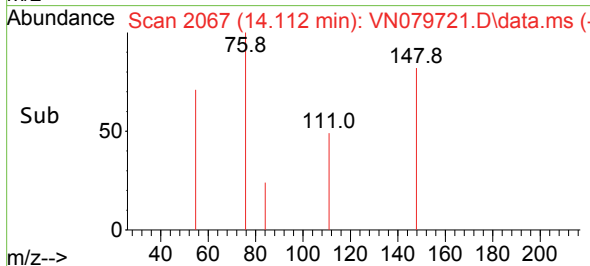
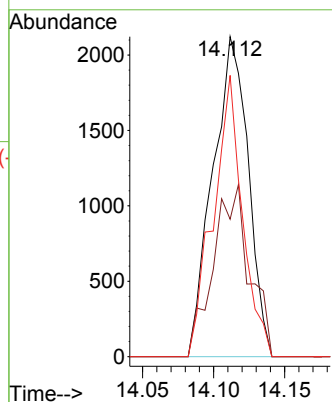
Tgt Ion:146 Resp: 3684

Ion Ratio Lower Upper

146 100

111 54.7 22.0 66.0

148 72.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.443 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

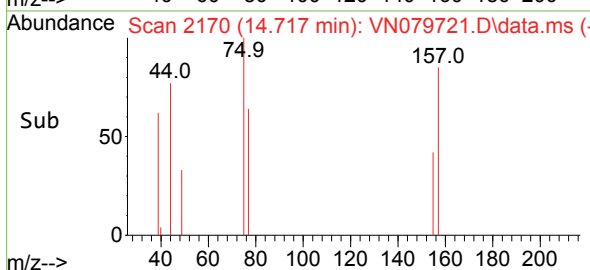
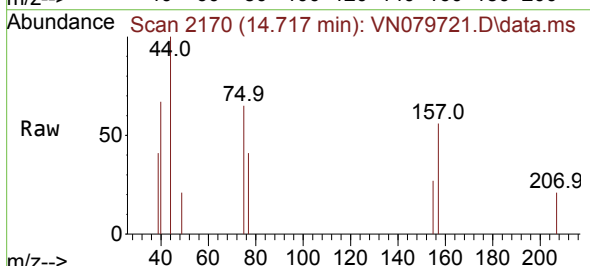
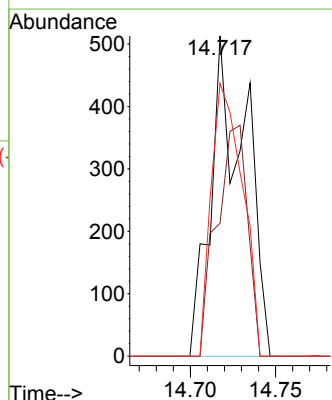
Tgt Ion: 75 Resp: 729

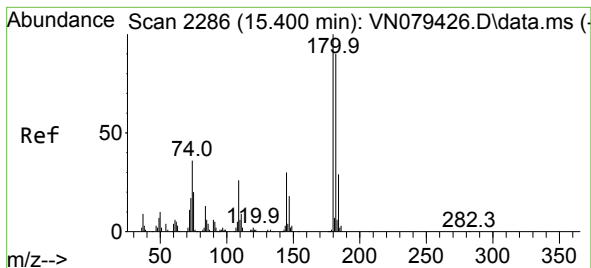
Ion Ratio Lower Upper

75 100

155 63.8 39.1 117.2

157 76.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 0.952 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

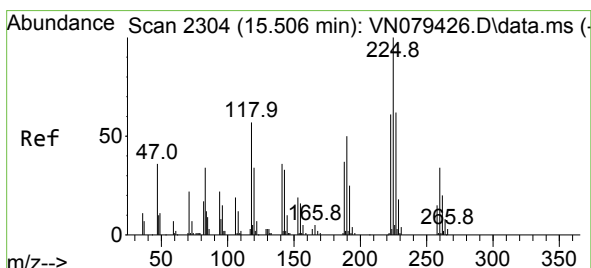
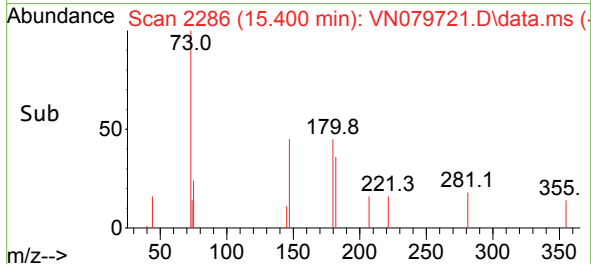
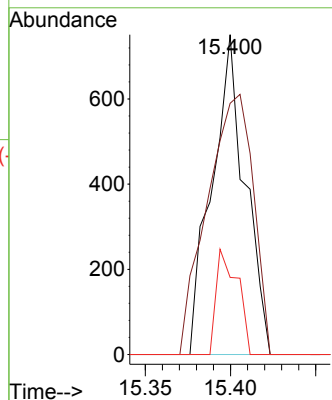
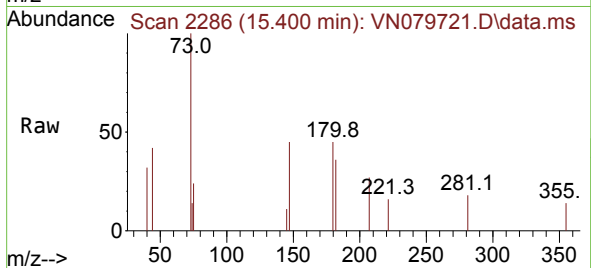
Tgt Ion:180 Resp: 1016

Ion Ratio Lower Upper

180 100

182 112.7 46.1 138.2

145 21.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 1.760 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079721.D

Acq: 30 Oct 2023 12:34

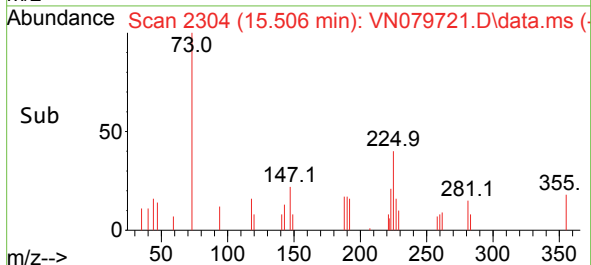
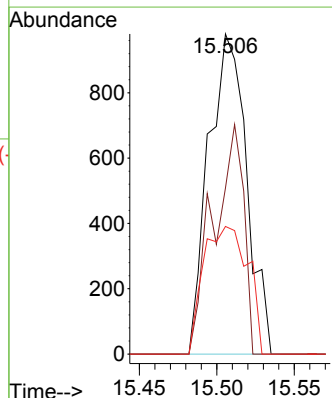
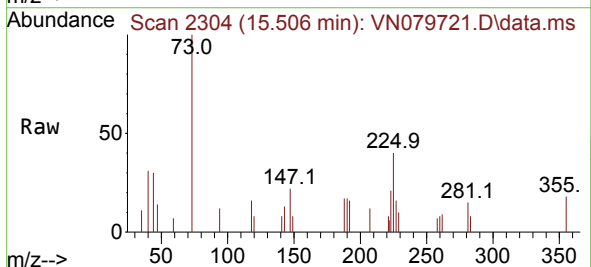
Tgt Ion:225 Resp: 1667

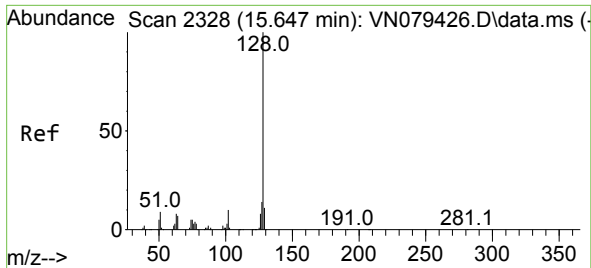
Ion Ratio Lower Upper

225 100

223 57.1 31.3 93.8

227 46.8 31.9 95.9

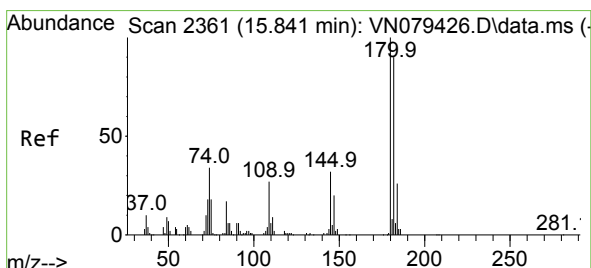
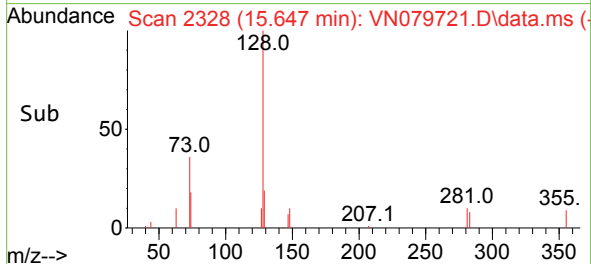
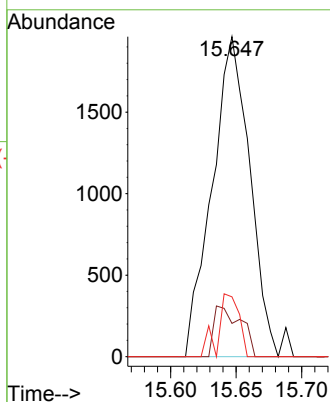
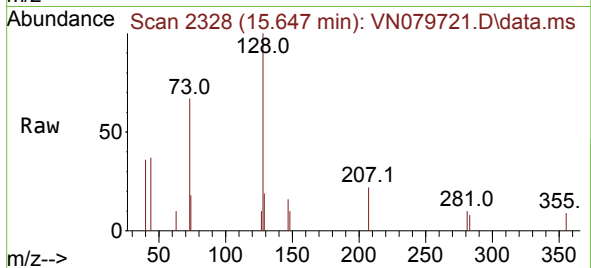




#95
Naphthalene
Concen: 1.266 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3923
Ion Ratio Lower Upper
128 100
127 11.2 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.090 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079721.D
Acq: 30 Oct 2023 12:34

Tgt Ion:180 Resp: 1299
Ion Ratio Lower Upper
180 100
182 83.2 46.2 138.6
145 12.5 17.5 52.6#

