

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079430.D
 Acq On : 05 Oct 2023 19:51
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 06 03:06:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 02:55:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	215975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	399077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	339716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	4760	1.359	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.720%#
35) Dibromofluoromethane	8.165	113	3764	1.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.620%#
50) Toluene-d8	10.571	98	10507	1.013	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.020%#
62) 4-Bromofluorobenzene	12.853	95	3054	0.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1.840%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	2998	0.969	ug/l	86
3) Chloromethane	2.371	50	4274	1.107	ug/l	97
4) Vinyl Chloride	2.512	62	3999	0.996	ug/l #	77
5) Bromomethane	2.971	94	3918	1.654	ug/l	89
6) Chloroethane	3.118	64	3536	1.187	ug/l	96
7) Trichlorofluoromethane	3.501	101	5160	1.088	ug/l	99
8) Diethyl Ether	3.965	74	1624	0.961	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.359	101	3382	1.220	ug/l #	82
10) Methyl Iodide	4.589	142	2038	0.847	ug/l #	88
11) Tert butyl alcohol	5.536	59	4149	7.872	ug/l #	77
12) 1,1-Dichloroethene	4.348	96	2620	1.027	ug/l #	91
13) Acrolein	4.200	56	2519	4.800	ug/l	99
14) Allyl chloride	5.036	41	4087	0.992	ug/l #	19
15) Acrylonitrile	5.742	53	7028	4.599	ug/l #	70
16) Acetone	4.442	43	6879	4.953	ug/l #	76
17) Carbon Disulfide	4.718	76	9103	1.144	ug/l #	75
18) Methyl Acetate	5.047	43	7866	1.157	ug/l #	76
19) Methyl tert-butyl Ether	5.812	73	8067	0.973	ug/l #	78
20) Methylene Chloride	5.271	84	5240	1.134	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	3746	1.257	ug/l #	87
22) Diisopropyl ether	6.671	45	8267	0.895	ug/l #	90
23) Vinyl Acetate	6.612	43	22535	4.339	ug/l #	77
24) 1,1-Dichloroethane	6.571	63	6106	1.080	ug/l #	93
25) 2-Butanone	7.494	43	9139	4.433	ug/l #	75
26) 2,2-Dichloropropane	7.500	77	4326	1.002	ug/l	80
27) cis-1,2-Dichloroethene	7.494	96	3299	1.019	ug/l	83
28) Bromochloromethane	7.812	49	2867	1.066	ug/l #	76
29) Tetrahydrofuran	7.853	42	6117	4.588	ug/l #	69
30) Chloroform	7.965	83	6201	1.086	ug/l	84
31) Cyclohexane	8.230	56	6468	1.302	ug/l #	50
32) 1,1,1-Trichloroethane	8.171	97	4957	1.032	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	4184	0.972	ug/l	88
37) Ethyl Acetate	7.571	43	3736	0.847	ug/l #	75
38) Carbon Tetrachloride	8.371	117	4473	1.038	ug/l	86
39) Methylcyclohexane	9.606	83	3750	0.907	ug/l #	78
40) Benzene	8.606	78	12674	0.991	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	1809	0.803	ug/l #	67
42) 1,2-Dichloroethane	8.683	62	5047	1.087	ug/l	76
43) Isopropyl Acetate	8.700	43	11505	1.533	ug/l #	69
44) Trichloroethene	9.365	130	3036	1.009	ug/l	84
45) 1,2-Dichloropropane	9.624	63	3301	0.980	ug/l	93
46) Dibromomethane	9.718	93	2081	0.954	ug/l	90
47) Bromodichloromethane	9.894	83	4506	1.004	ug/l	87
48) Methyl methacrylate	9.688	41	3208	0.998	ug/l #	70
49) 1,4-Dioxane	9.706	88	870	14.689	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	17164	4.052	ug/l #	85
52) Toluene	10.629	92	6591	0.876	ug/l	95
53) t-1,3-Dichloropropene	10.847	75	4047	0.895	ug/l #	88
54) cis-1,3-Dichloropropene	10.318	75	4376	0.884	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	3020	1.000	ug/l #	83
56) Ethyl methacrylate	10.882	69	3020	0.728	ug/l #	77
57) 1,3-Dichloropropane	11.165	76	4673	0.896	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	5840	3.674	ug/l #	88
59) 2-Hexanone	11.206	43	11765	3.849	ug/l	78
60) Dibromochloromethane	11.365	129	2547	0.839	ug/l	95
61) 1,2-Dibromoethane	11.476	107	2776	0.926	ug/l	95
64) Tetrachloroethene	11.106	164	2541	1.087	ug/l #	85
65) Chlorobenzene	11.894	112	7882	1.042	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	2726	0.984	ug/l #	57
67) Ethyl Benzene	11.971	91	12263	0.933	ug/l	95
68) m/p-Xylenes	12.076	106	7191	1.505	ug/l	90
69) o-Xylene	12.400	106	3966	0.844	ug/l	93
70) Styrene	12.418	104	5424	0.731	ug/l	95
71) Bromoform	12.576	173	1986	0.980	ug/l #	67
73) Isopropylbenzene	12.700	105	9132	1.123	ug/l	93
74) N-amyl acetate	12.494	43	3321	0.996	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.947	83	4602	0.552	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	4467	1.725	ug/l	64
77) Bromobenzene	12.982	156	2416	1.212	ug/l	97
78) n-propylbenzene	13.041	91	9169	0.997	ug/l	92
79) 2-Chlorotoluene	13.135	91	6844	1.163	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	5867	0.915	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.729	75	891	1.026	ug/l #	65
82) 4-Chlorotoluene	13.229	91	5692	1.016	ug/l	96
83) tert-Butylbenzene	13.441	119	4941	0.941	ug/l	86
84) 1,2,4-Trimethylbenzene	13.488	105	5621	0.919	ug/l	96
85) sec-Butylbenzene	13.623	105	6788	0.926	ug/l	100
86) p-Isopropyltoluene	13.735	119	4997	0.889	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	3474	1.099	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	3474	1.064	ug/l	95
89) n-Butylbenzene	14.059	91	3679	0.820	ug/l	96
90) Hexachloroethane	14.341	117	1829	0.569	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	3232	1.048	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	550	1.170	ug/l	70
93) 1,2,4-Trichlorobenzene	15.400	180	878	0.919	ug/l #	70
94) Hexachlorobutadiene	15.500	225	817	1.098	ug/l	86
95) Naphthalene	15.647	128	3077	1.055	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.847	180	1302	1.142	ug/l #	78

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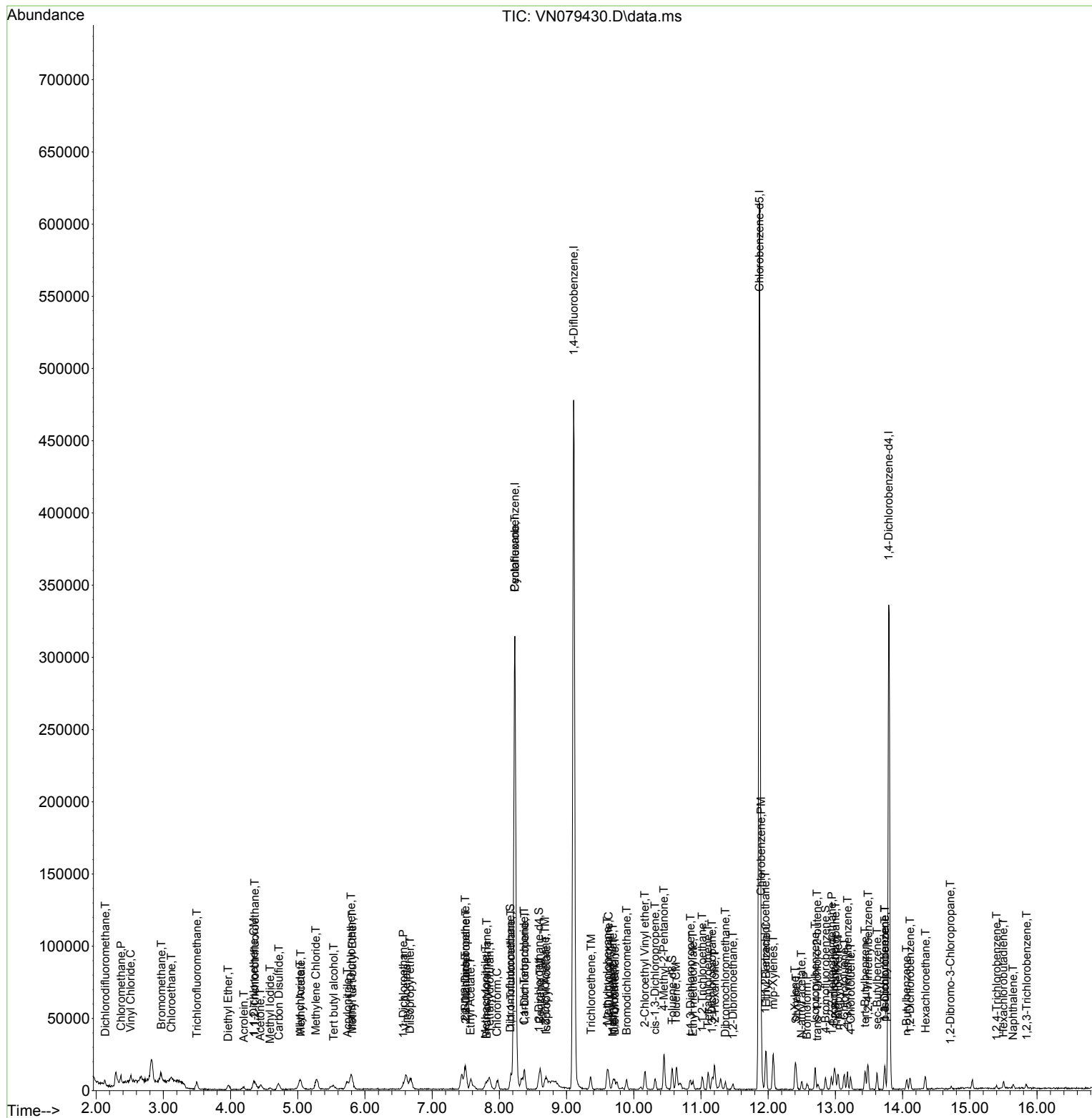
Quant Time: Oct 06 03:06:20 2023
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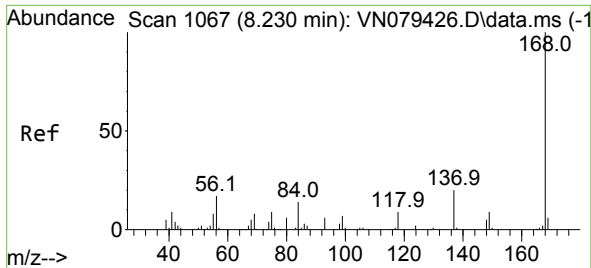
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :

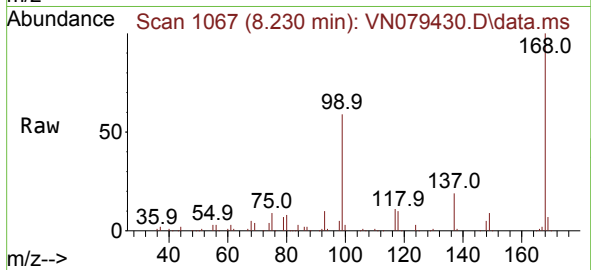
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ClientSampleId :



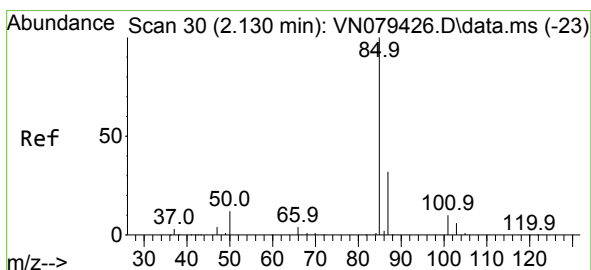
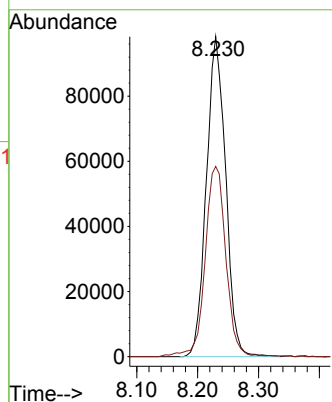
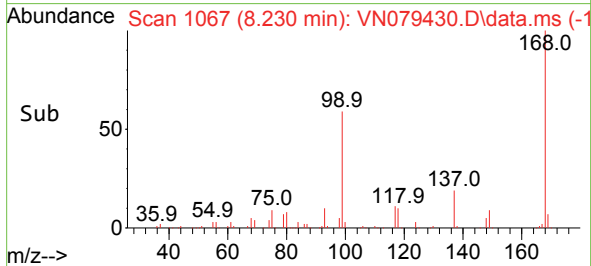


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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ClientSampleId :

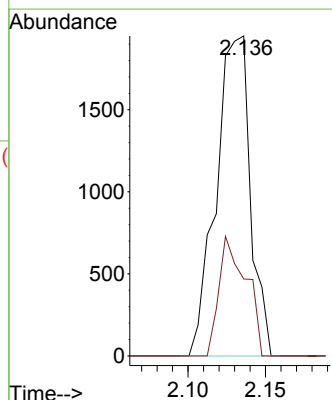
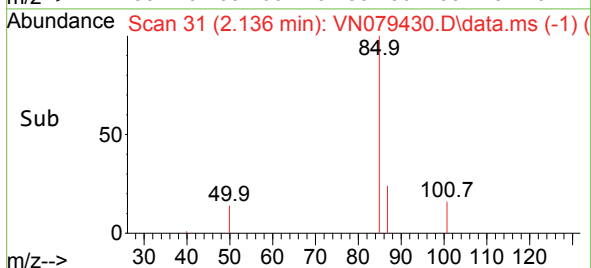
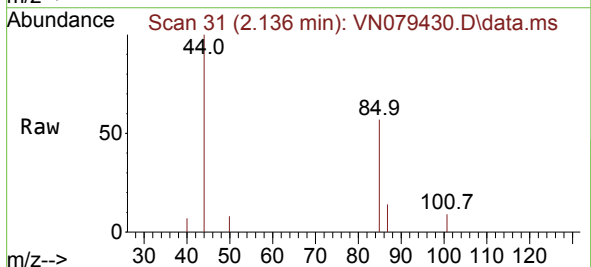


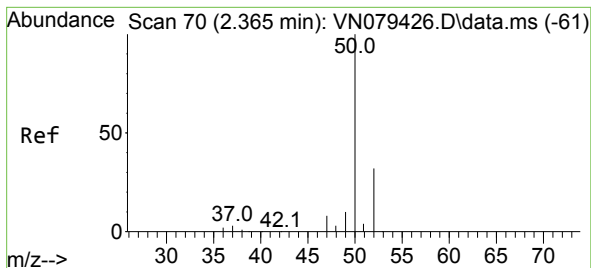
Tgt Ion:168 Resp: 215975
Ion Ratio Lower Upper
168 100
99 59.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.969 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 85 Resp: 2998
Ion Ratio Lower Upper
85 100
87 24.1 15.8 47.4





#3

Chloromethane

Concen: 1.107 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

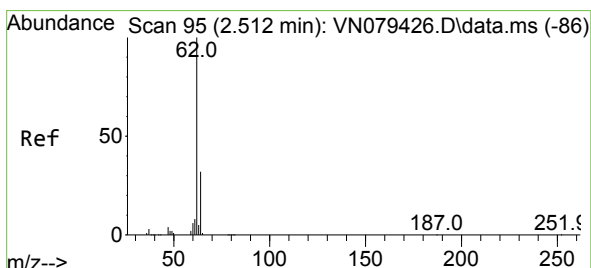
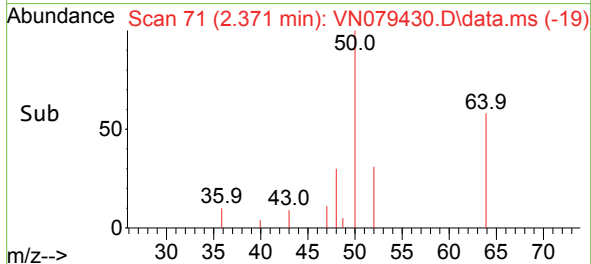
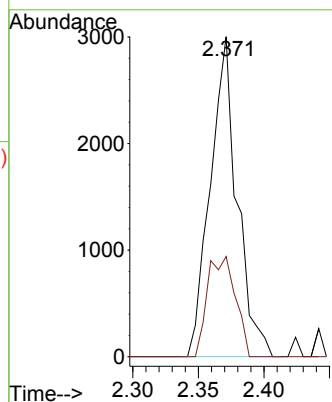
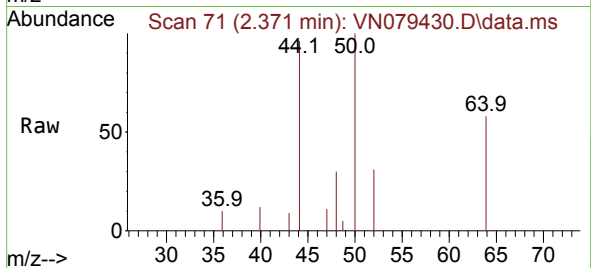
ClientSampleId :

Tgt Ion: 50 Resp: 4274

Ion Ratio Lower Upper

50 100

52 31.3 26.5 39.7



#4

Vinyl Chloride

Concen: 0.996 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079430.D

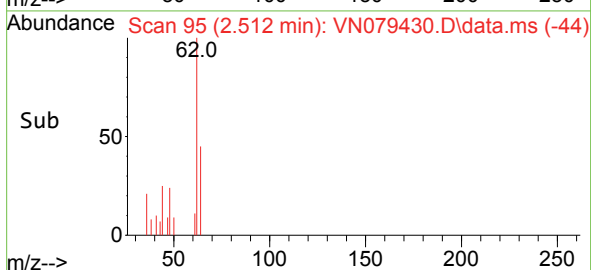
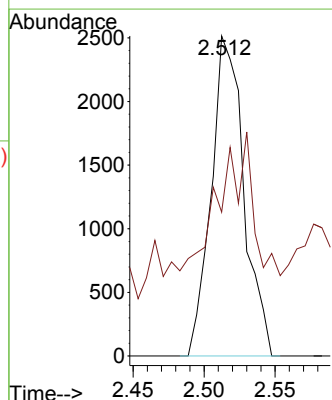
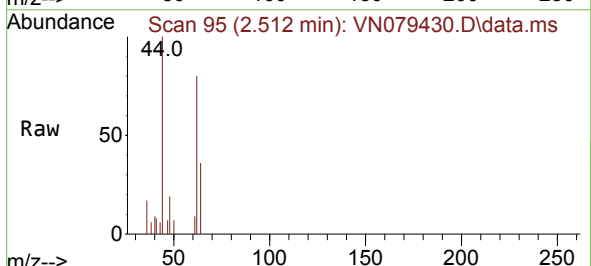
Acq: 05 Oct 2023 19:51

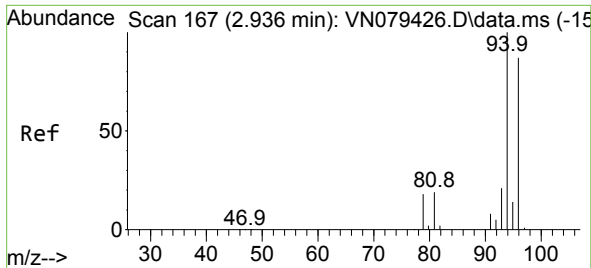
Tgt Ion: 62 Resp: 3999

Ion Ratio Lower Upper

62 100

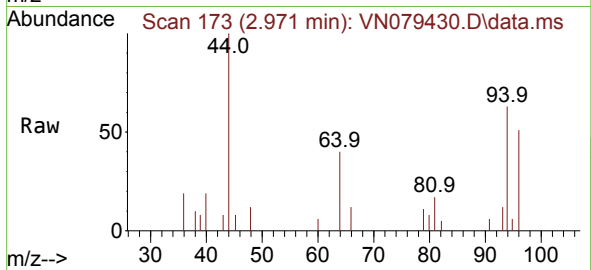
64 19.8 26.2 39.2#



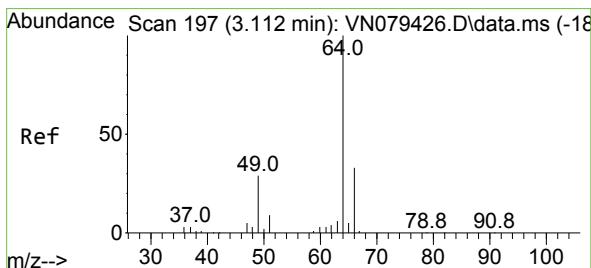
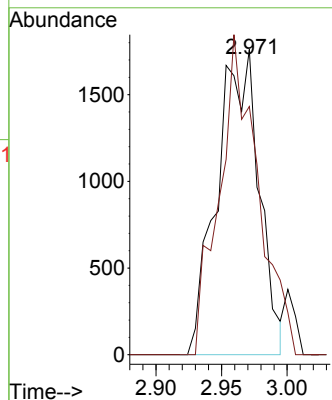
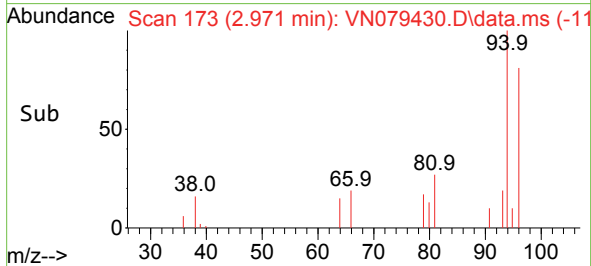


#5
Bromomethane
Concen: 1.654 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN079430.D
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ClientSampleId :

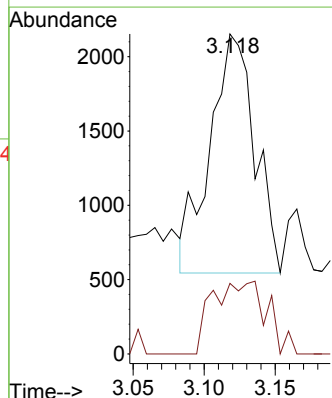
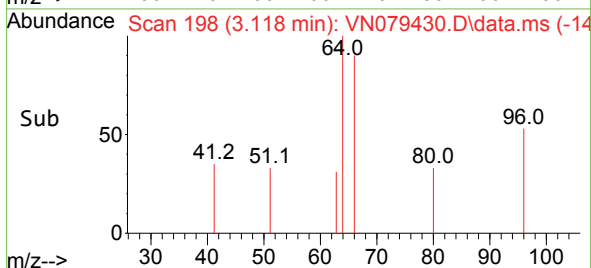
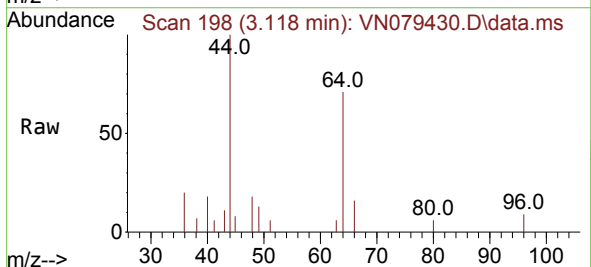


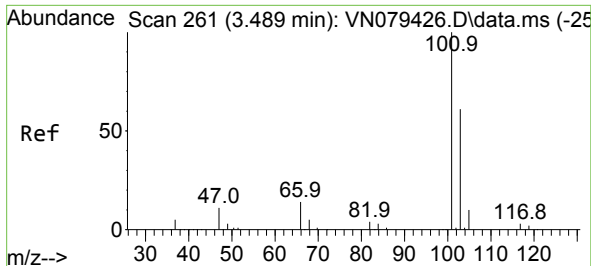
Tgt Ion: 94 Resp: 3918
Ion Ratio Lower Upper
94 100
96 81.3 73.1 109.7



#6
Chloroethane
Concen: 1.187 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 64 Resp: 3536
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2

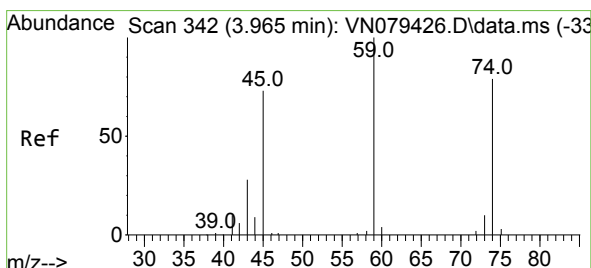
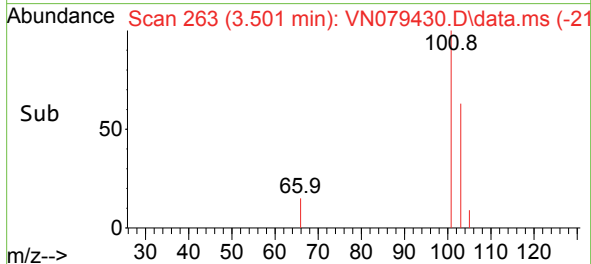
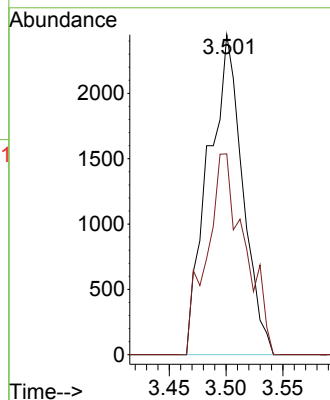
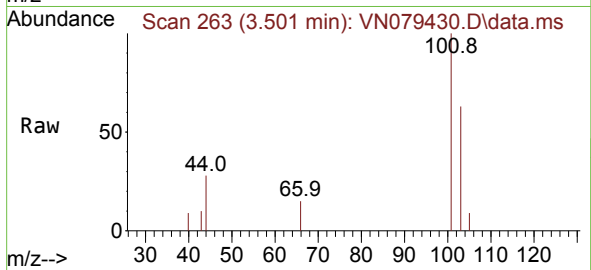




#7
Trichlorofluoromethane
Concen: 1.088 ug/l
RT: 3.501 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

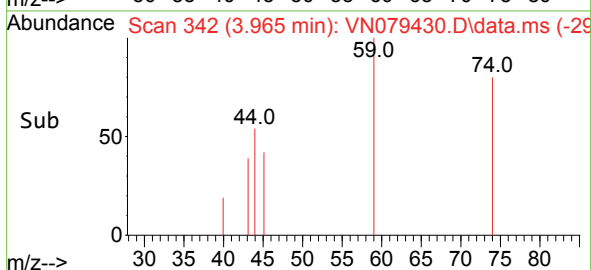
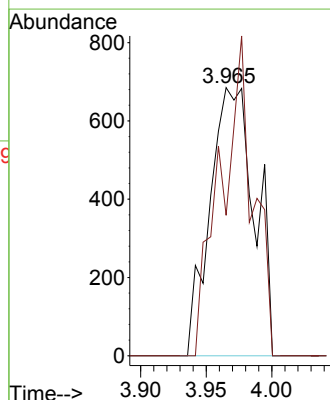
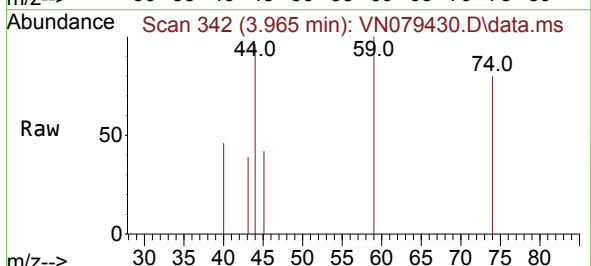
Instrument :
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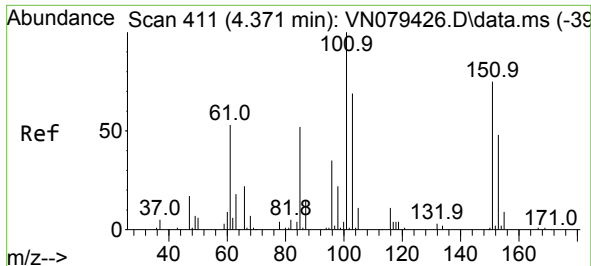
Tgt Ion:101 Resp: 5160
Ion Ratio Lower Upper
101 100
103 62.8 50.7 76.1



#8
Diethyl Ether
Concen: 0.961 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 74 Resp: 1624
Ion Ratio Lower Upper
74 100
45 87.1 34.4 103.3

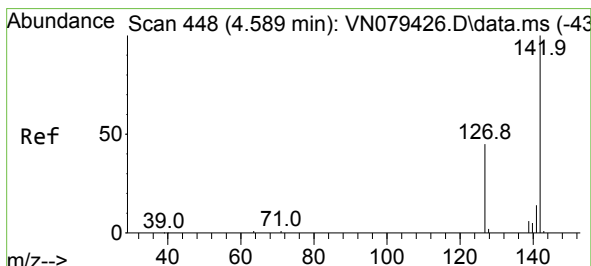
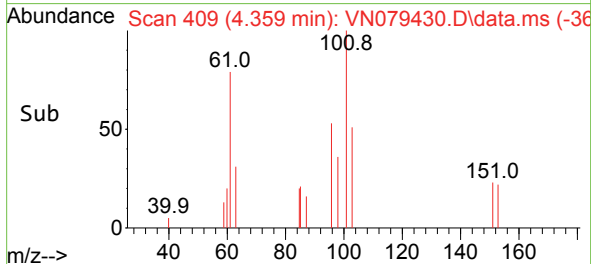
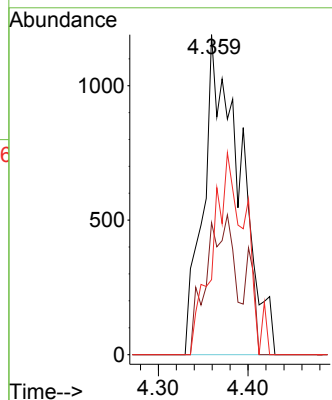
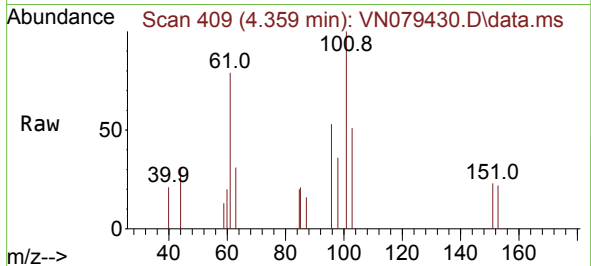




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.220 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
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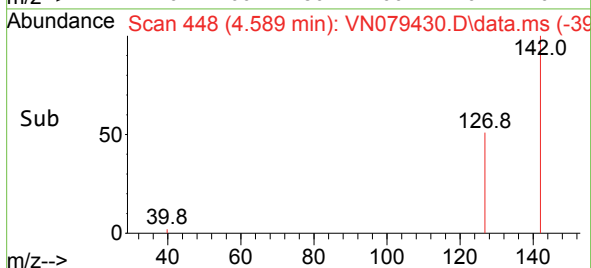
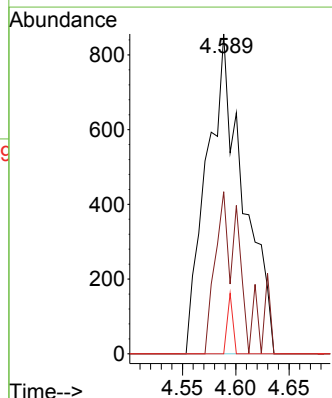
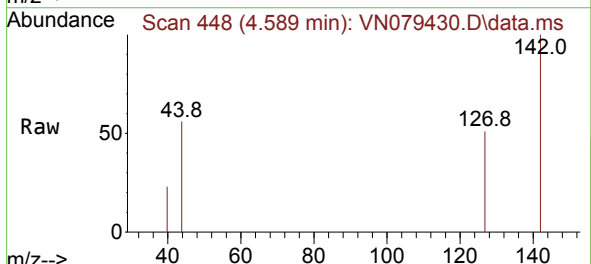
Instrument :
MSVOA_N
ClientSampleId :

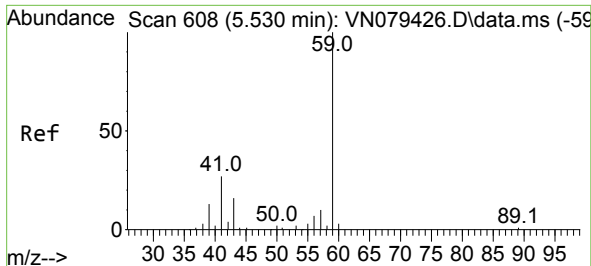
Tgt Ion:101 Resp: 3382
Ion Ratio Lower Upper
101 100
85 34.4 36.6 55.0#
151 56.2 57.6 86.4#



#10
Methyl Iodide
Concen: 0.847 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion:142 Resp: 2038
Ion Ratio Lower Upper
142 100
127 50.7 37.6 56.4
141 0.0 11.4 17.0#

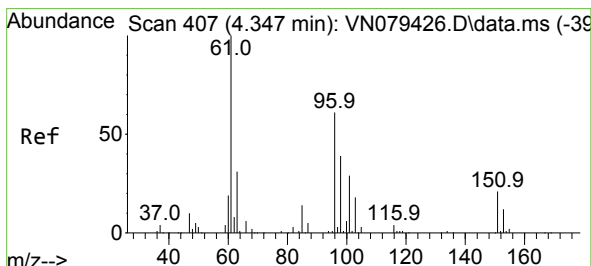
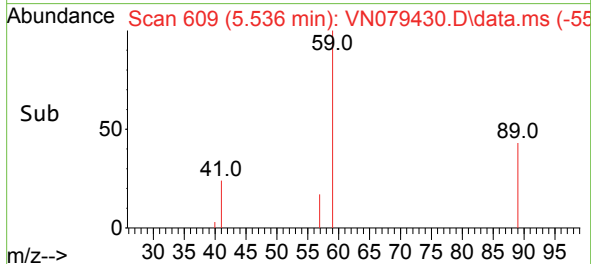
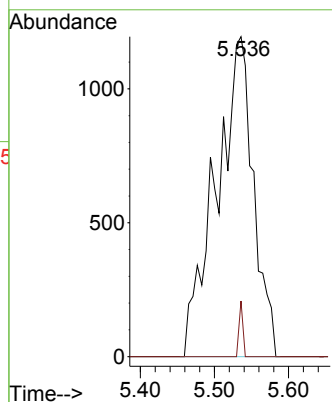
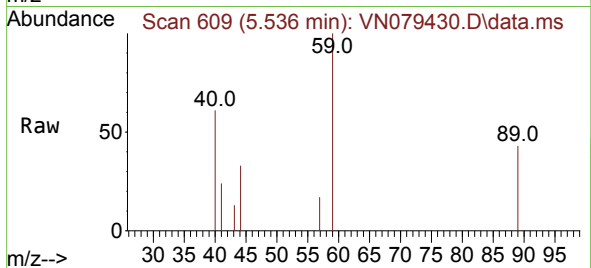




#11
Tert butyl alcohol
Concen: 7.872 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

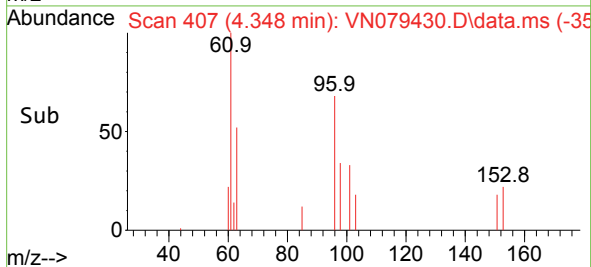
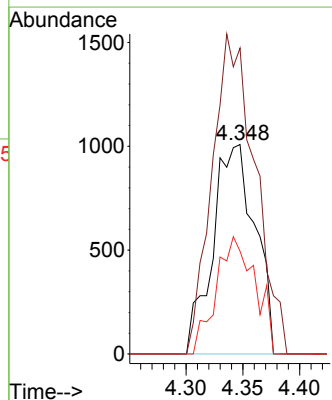
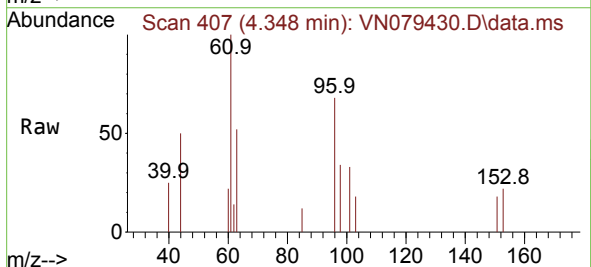
Instrument :
MSVOA_N
ClientSampleId :

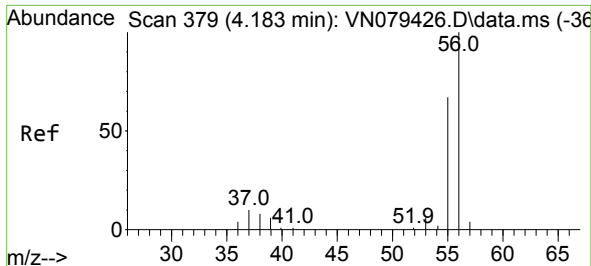
Tgt Ion: 59 Resp: 4149
Ion Ratio Lower Upper
59 100
57 1.8 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 1.027 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 96 Resp: 2620
Ion Ratio Lower Upper
96 100
61 146.0 112.7 169.1
98 49.1 51.2 76.8#

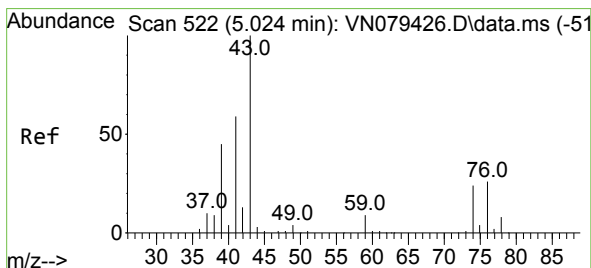
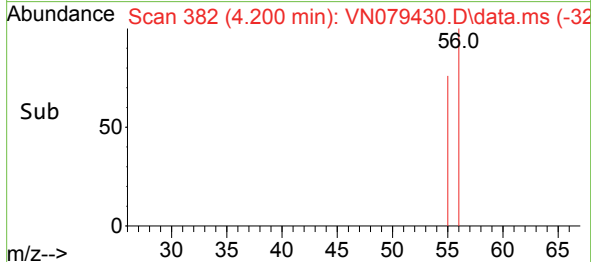
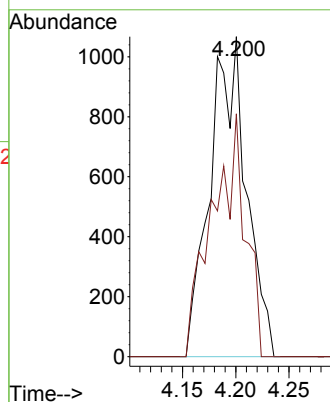
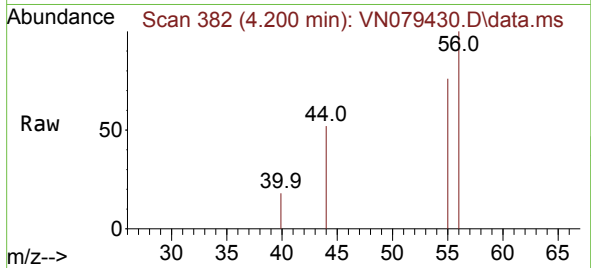




#13
Acrolein
Concen: 4.800 ug/l
RT: 4.200 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

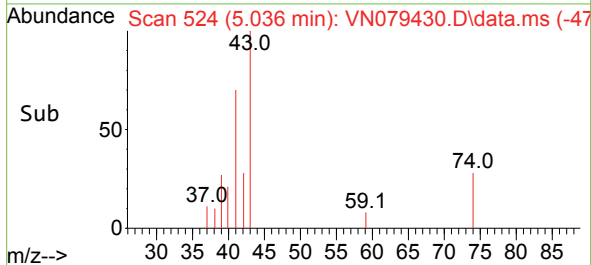
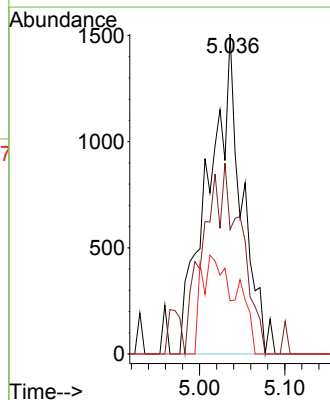
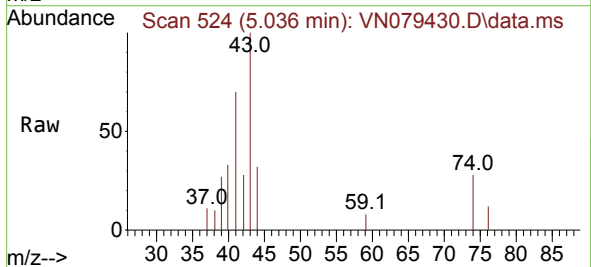
Instrument :
MSVOA_N
ClientSampleId :

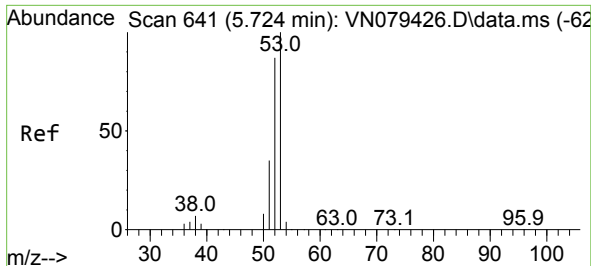
Tgt Ion: 56 Resp: 2519
Ion Ratio Lower Upper
56 100
55 68.9 54.5 81.7



#14
Allyl chloride
Concen: 0.992 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 41 Resp: 4087
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 39.1 58.7#

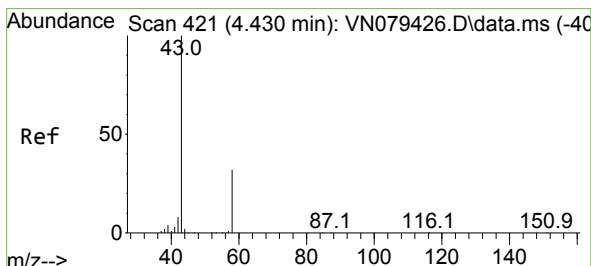
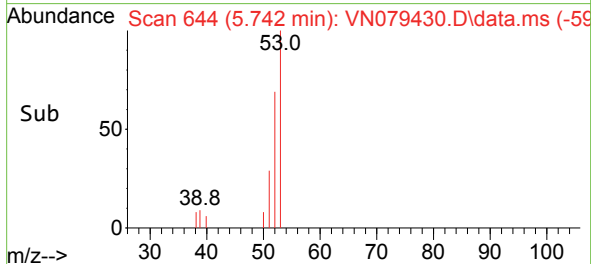
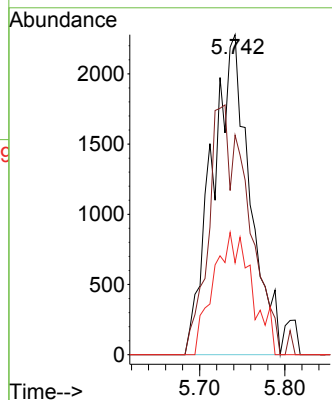
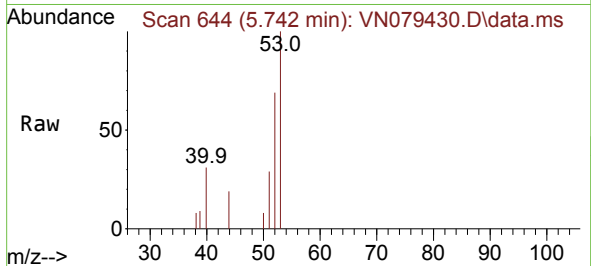




#15
Acrylonitrile
Concen: 4.599 ug/l
RT: 5.742 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

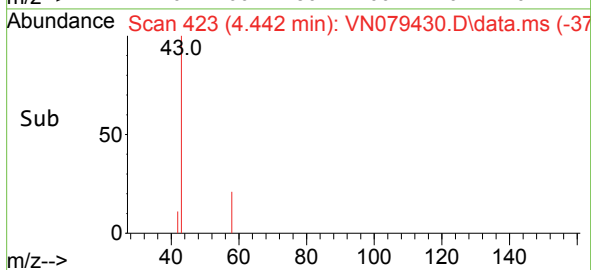
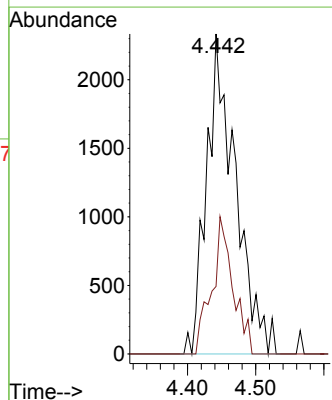
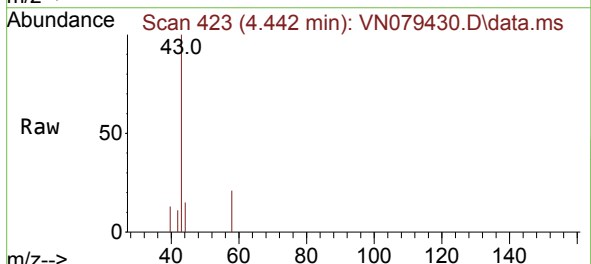
Instrument :
MSVOA_N
ClientSampleId :

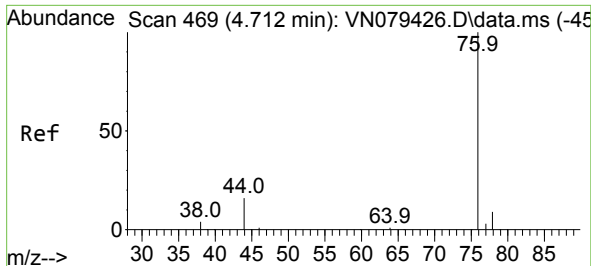
Tgt Ion: 53 Resp: 7028
Ion Ratio Lower Upper
53 100
52 44.4 65.3 97.9#
51 38.7 28.9 43.3



#16
Acetone
Concen: 4.953 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

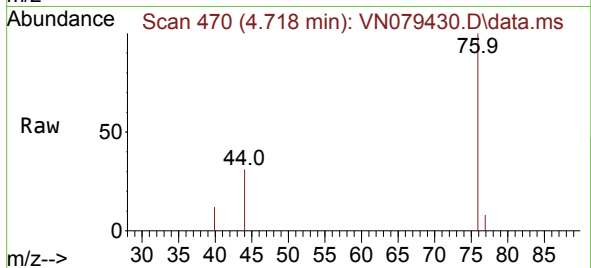
Tgt Ion: 43 Resp: 6879
Ion Ratio Lower Upper
43 100
58 21.1 28.0 42.0#



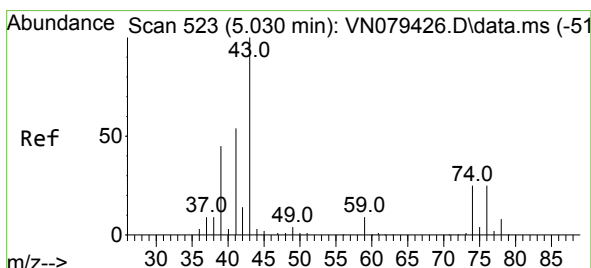
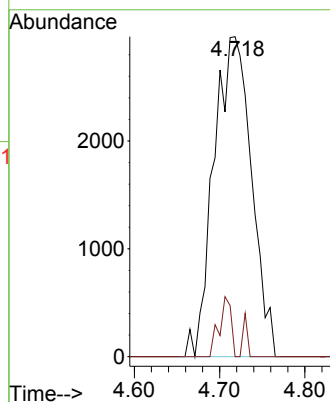
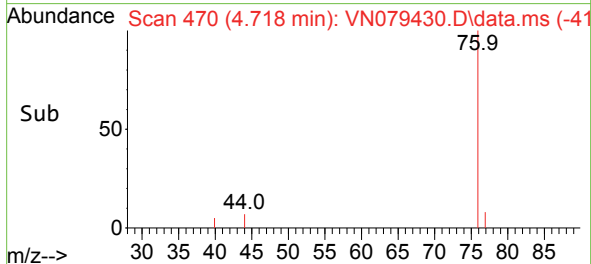


#17
Carbon Disulfide
Concen: 1.144 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :

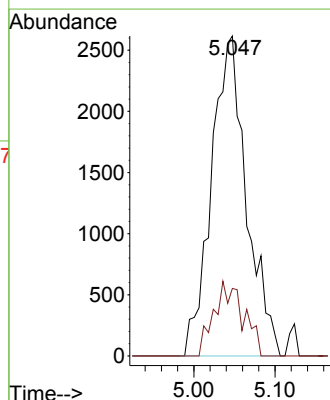
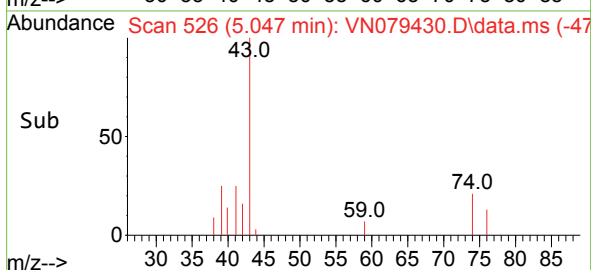
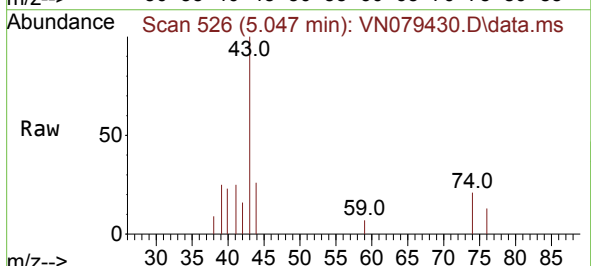


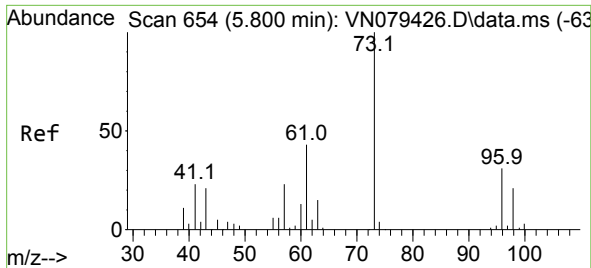
Tgt Ion: 76 Resp: 9103
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 1.157 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.018 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 43 Resp: 7866
Ion Ratio Lower Upper
43 100
74 19.5 26.2 39.4#

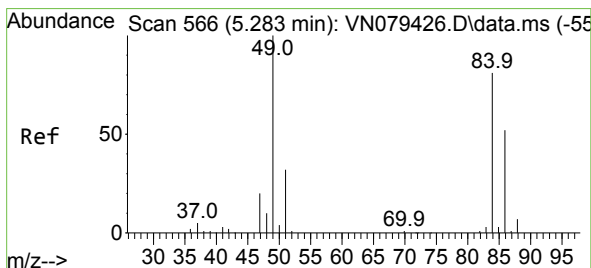
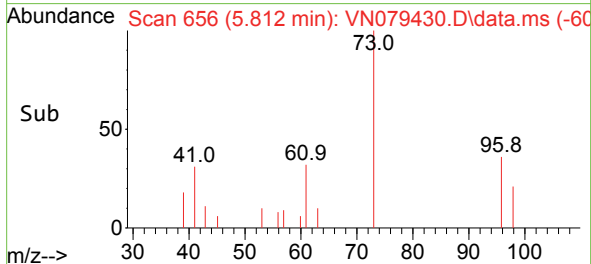
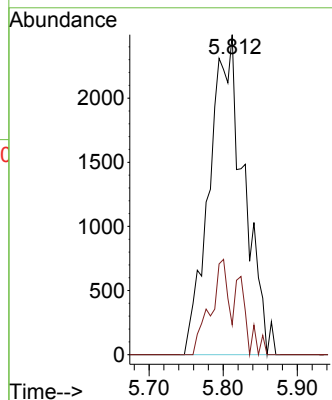
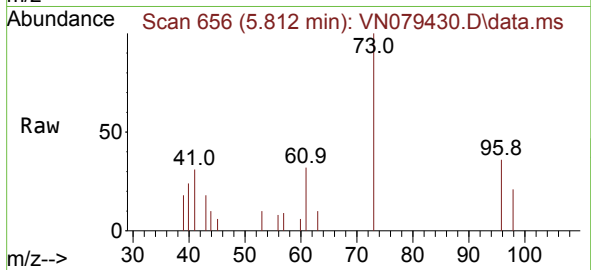




#19
Methyl tert-butyl Ether
Concen: 0.973 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

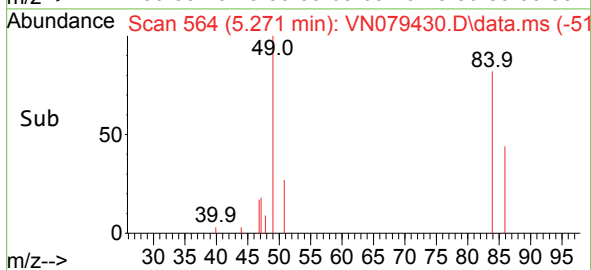
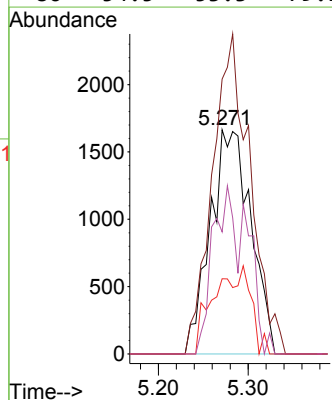
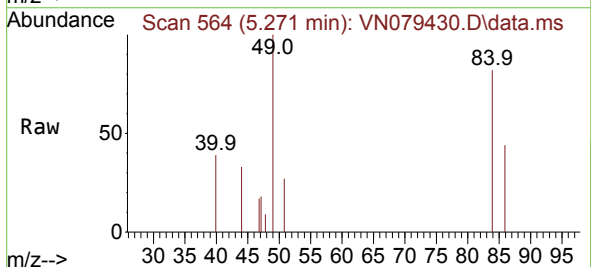
Instrument :
MSVOA_N
ClientSampleId :

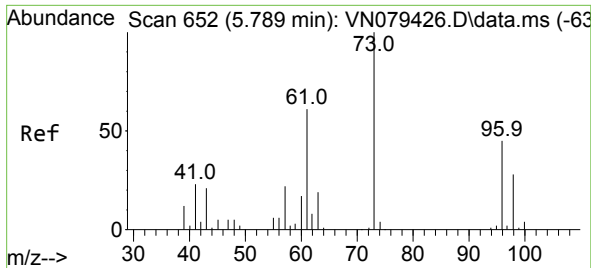
Tgt Ion: 73 Resp: 8067
Ion Ratio Lower Upper
73 100
57 9.3 15.6 23.4#



#20
Methylene Chloride
Concen: 1.134 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 84 Resp: 5240
Ion Ratio Lower Upper
84 100
49 122.7 79.7 119.5#
51 33.6 25.2 37.8
86 54.5 53.3 79.9

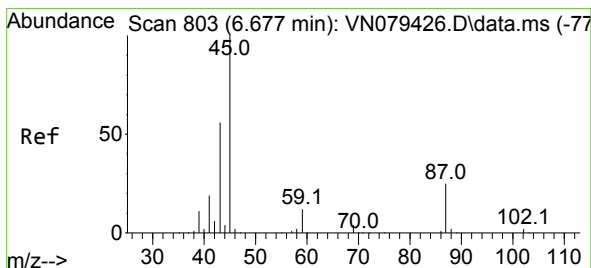
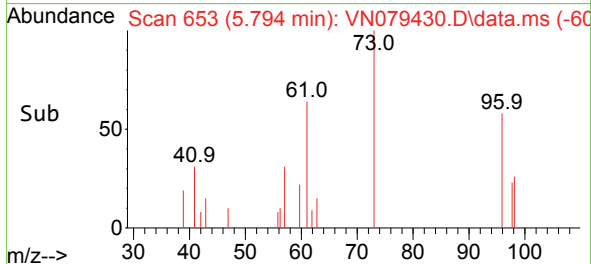
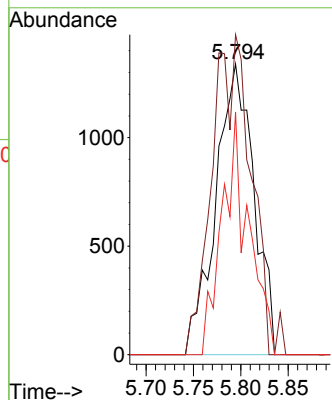
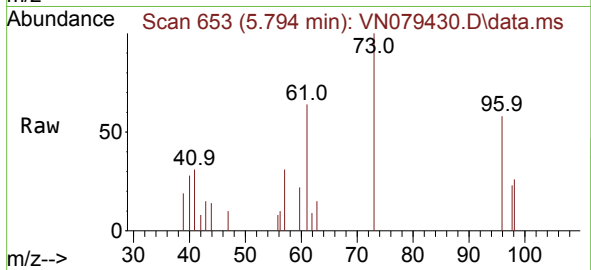




#21
trans-1,2-Dichloroethene
Concen: 1.257 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

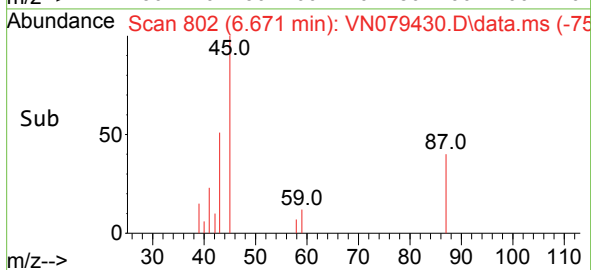
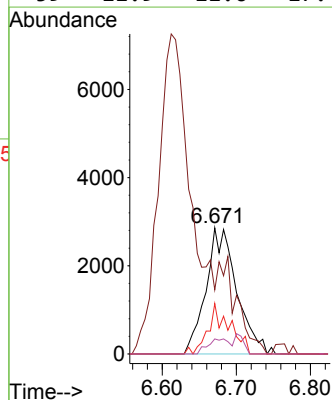
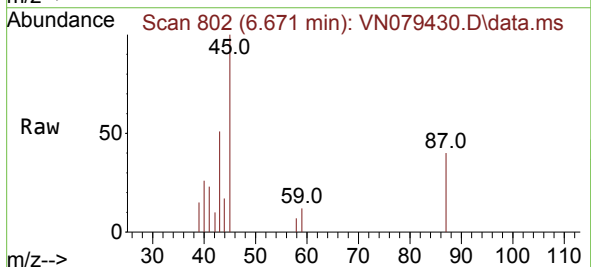
Instrument :
MSVOA_N
ClientSampleId :

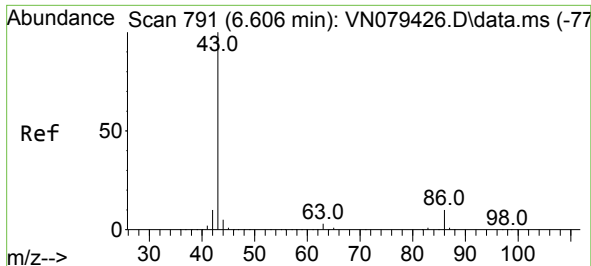
Tgt Ion: 96 Resp: 3746
Ion Ratio Lower Upper
96 100
61 110.1 90.1 135.1
98 83.5 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.895 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 45 Resp: 8267
Ion Ratio Lower Upper
45 100
43 43.2 45.5 68.3#
87 40.0 31.8 47.8
59 11.9 11.6 17.4

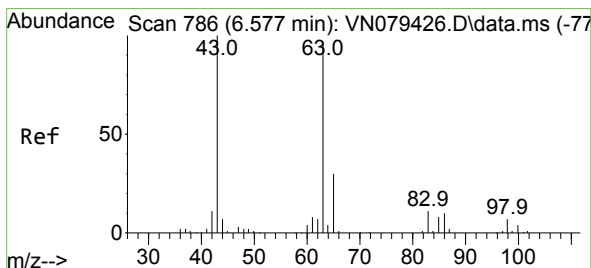
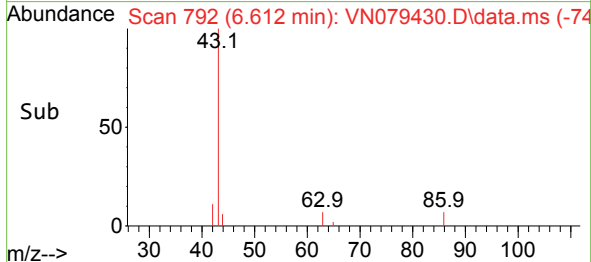
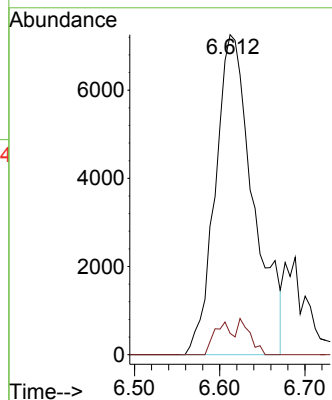
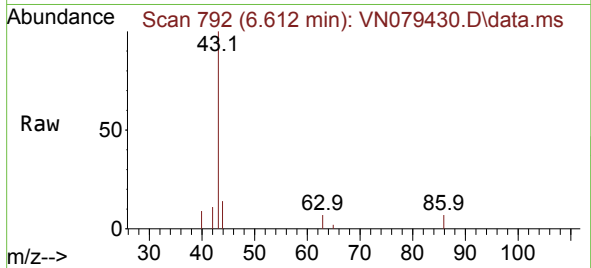




#23
 Vinyl Acetate
 Concen: 4.339 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

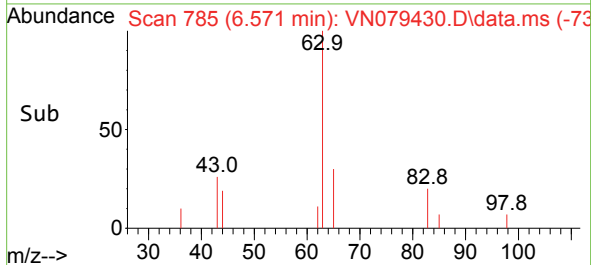
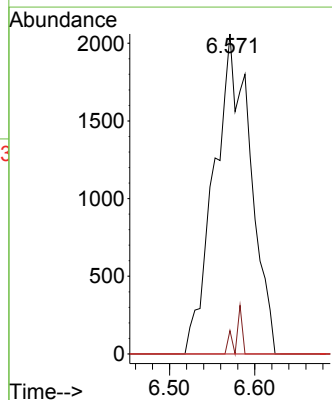
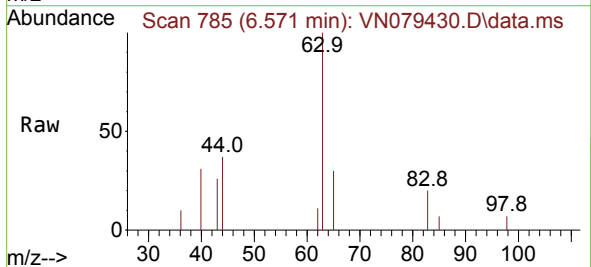
Instrument :
 MSVOA_N
 ClientSampleId :

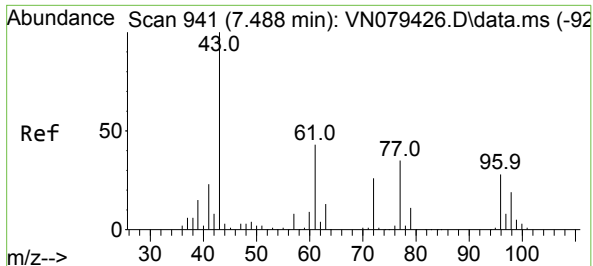
Tgt Ion: 43 Resp: 22535
 Ion Ratio Lower Upper
 43 100
 86 6.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 1.080 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

Tgt Ion: 63 Resp: 6106
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 0.0 2.5 7.4#

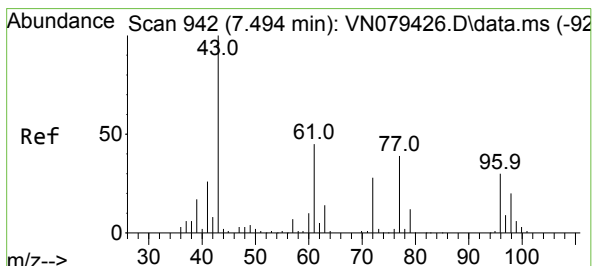
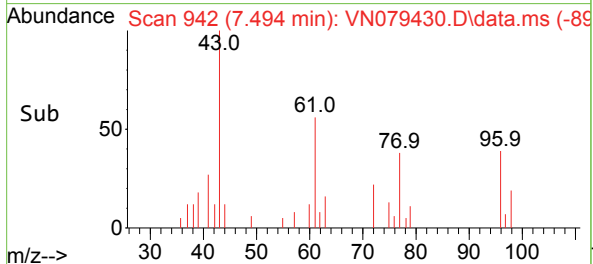
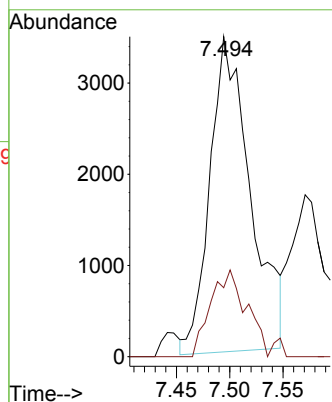
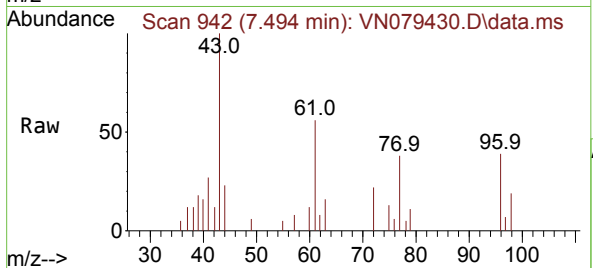




#25
2-Butanone
Concen: 4.433 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

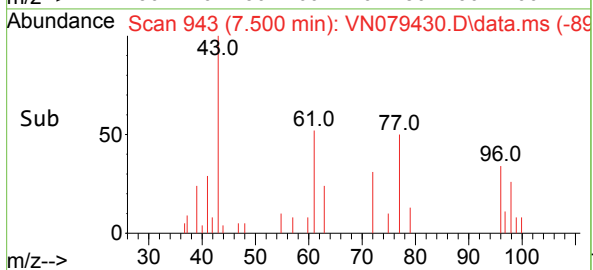
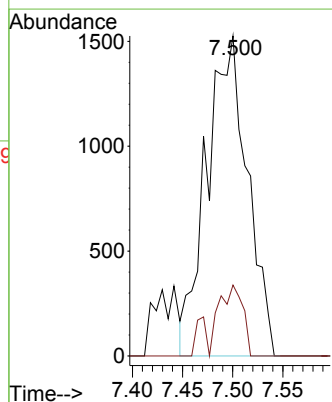
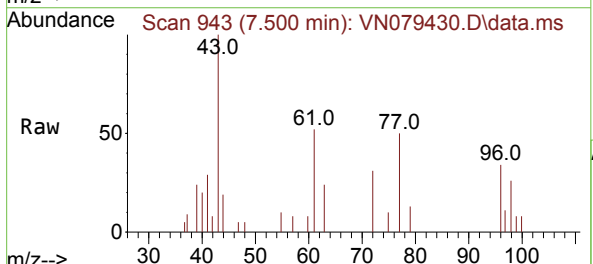
Instrument :
MSVOA_N
ClientSampleId :

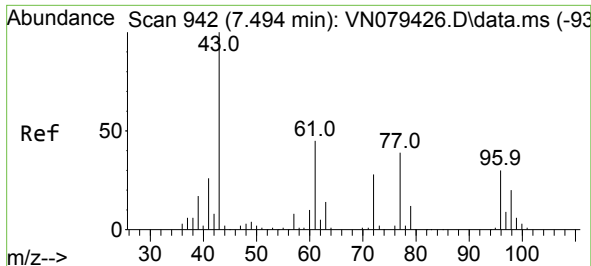
Tgt Ion: 43 Resp: 9139
Ion Ratio Lower Upper
43 100
72 22.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 1.002 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 77 Resp: 4326
Ion Ratio Lower Upper
77 100
97 12.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 1.019 ug/l

RT: 7.494 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

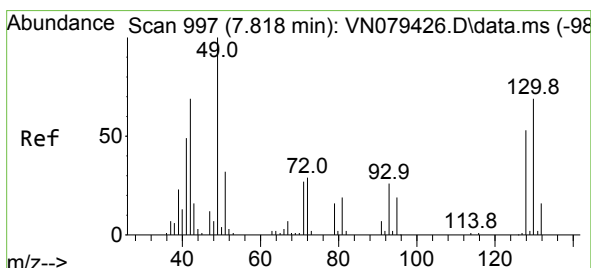
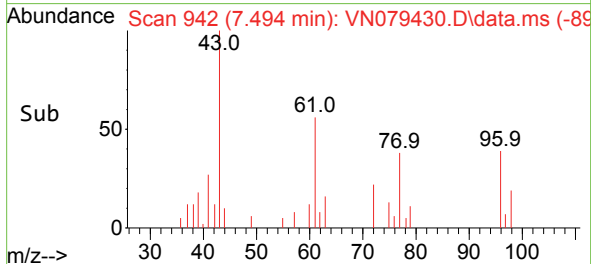
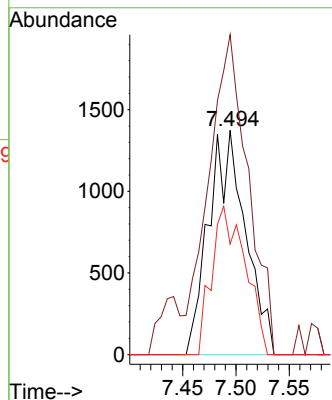
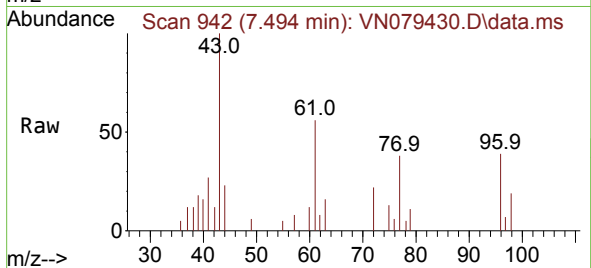
Tgt Ion: 96 Resp: 3299

Ion Ratio Lower Upper

96 100

61 154.1 0.0 255.2

98 60.6 0.0 128.8



#28

Bromochloromethane

Concen: 1.066 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

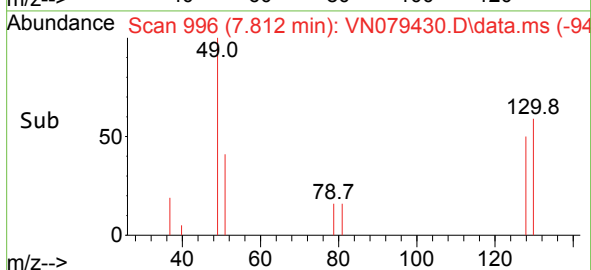
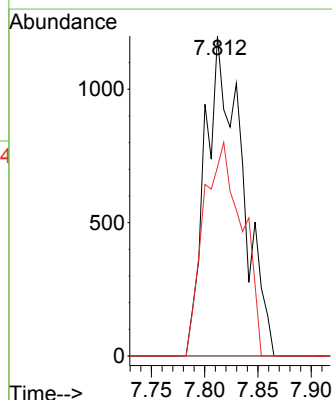
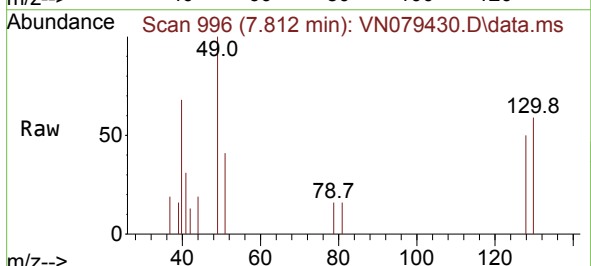
Tgt Ion: 49 Resp: 2867

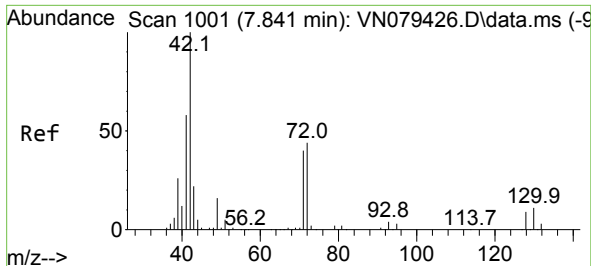
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 70.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 4.588 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.012 min

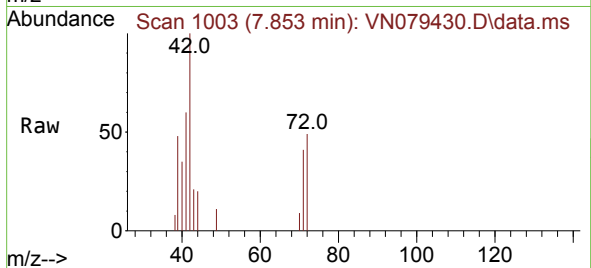
Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

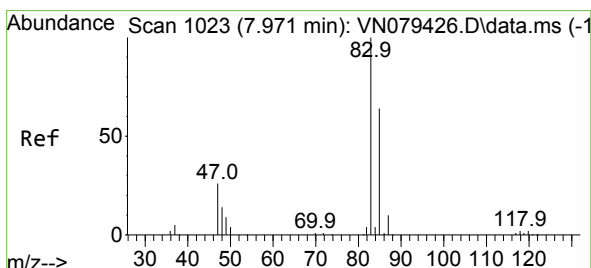
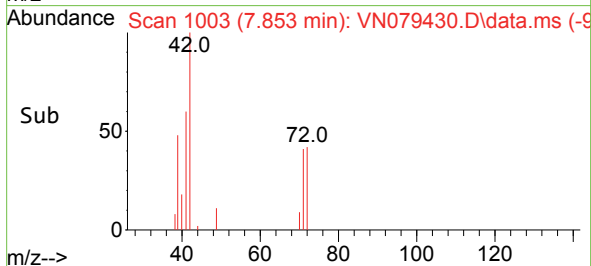
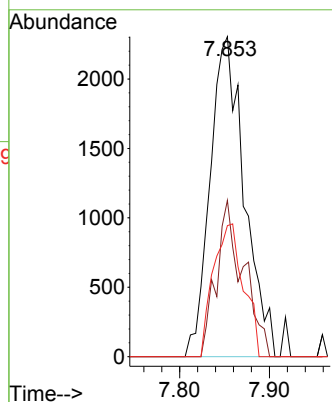
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	6117
Ion Ratio	Lower	Upper	
42	100		
72	38.5	49.8	74.6#
71	36.3	47.4	71.2#



#30

Chloroform

Concen: 1.086 ug/l

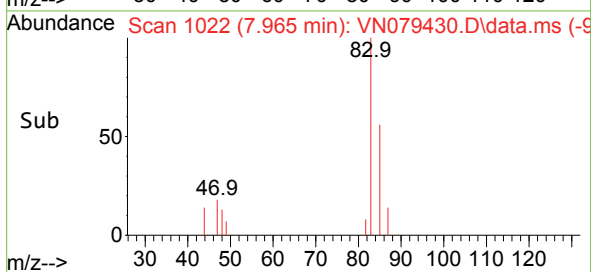
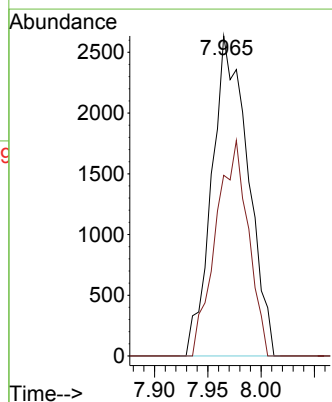
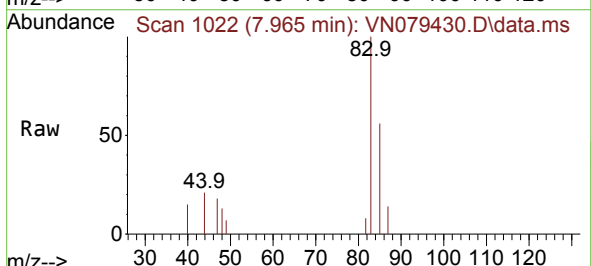
RT: 7.965 min Scan# 1022

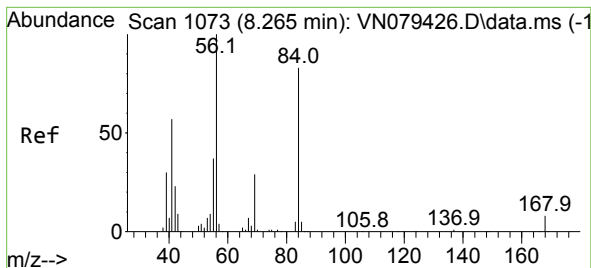
Delta R.T. -0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Tgt Ion:	83	Resp:	6201
Ion Ratio	Lower	Upper	
83	100		
85	56.4	55.4	83.0





#31

Cyclohexane

Concen: 1.302 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

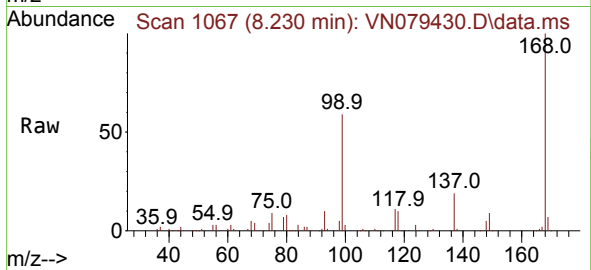
Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :



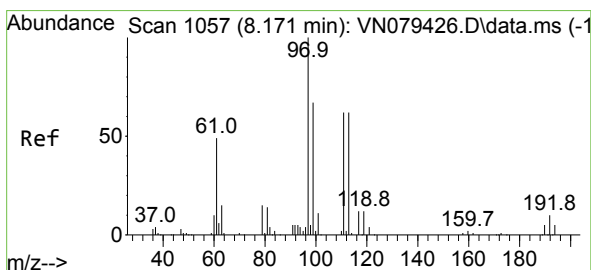
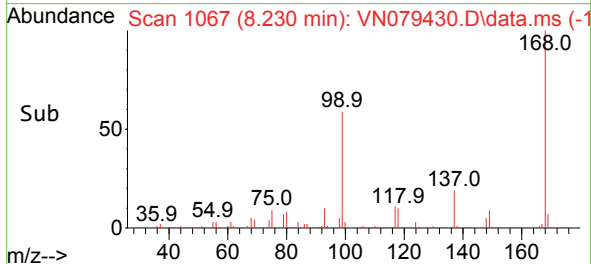
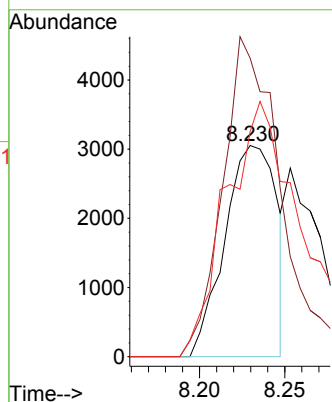
Tgt Ion: 56 Resp: 6468

Ion Ratio Lower Upper

56 100

69 141.4 26.8 40.2#

84 106.5 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 1.032 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

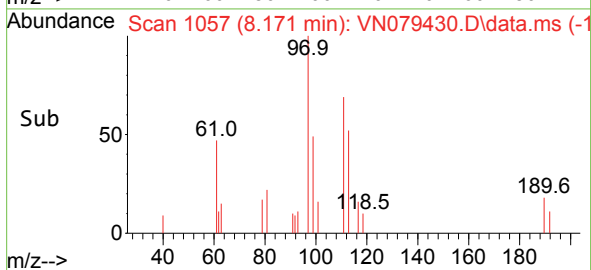
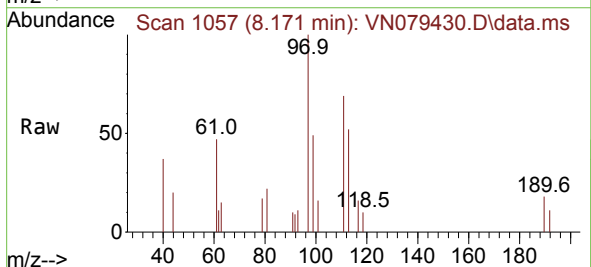
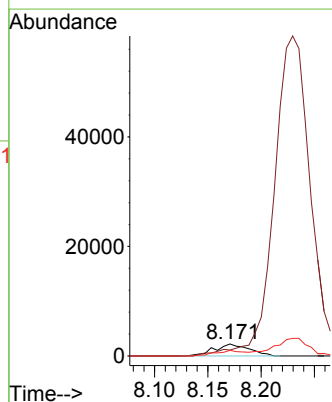
Tgt Ion: 97 Resp: 4957

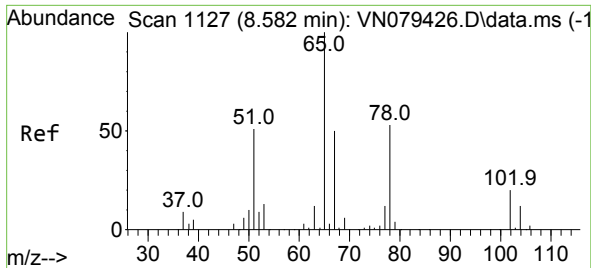
Ion Ratio Lower Upper

97 100

99 0.0 50.3 75.5#

61 38.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 1.359 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

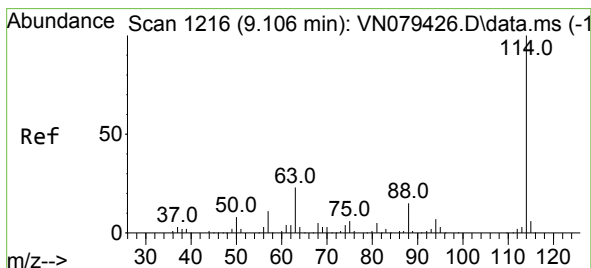
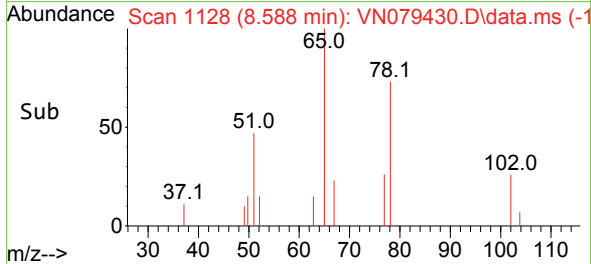
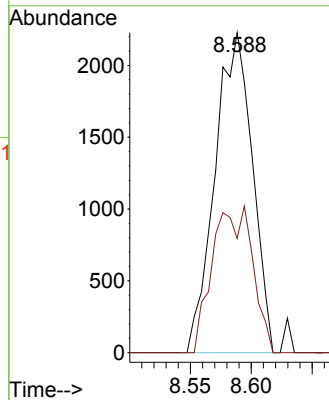
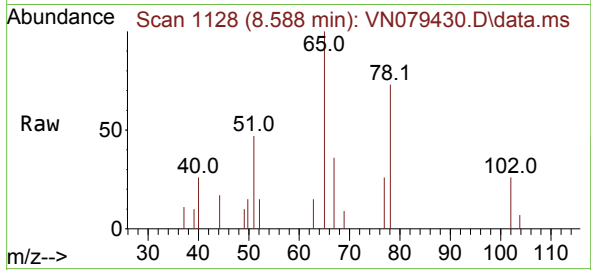
ClientSampleId :

Tgt Ion: 65 Resp: 4760

Ion Ratio Lower Upper

65 100

67 48.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

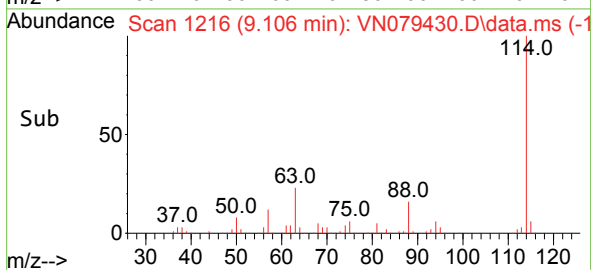
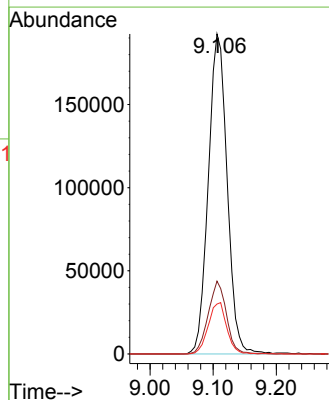
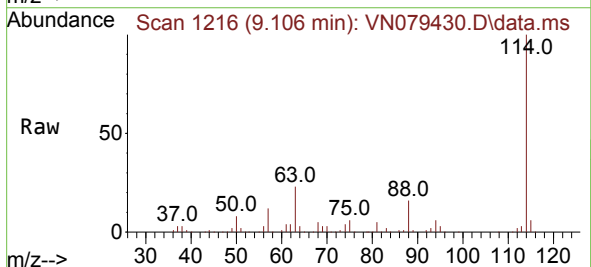
Tgt Ion: 114 Resp: 399077

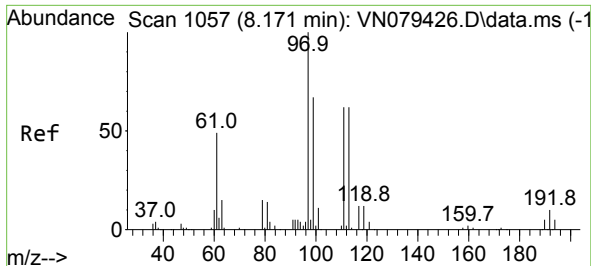
Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 1.312 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

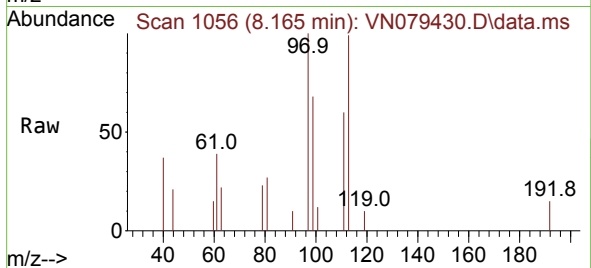
Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

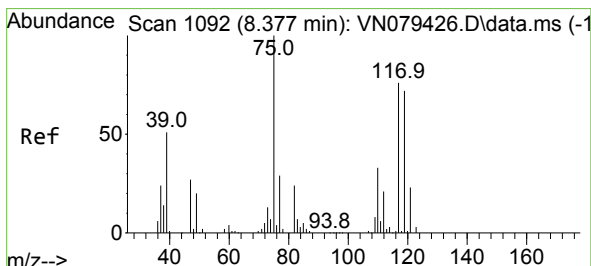
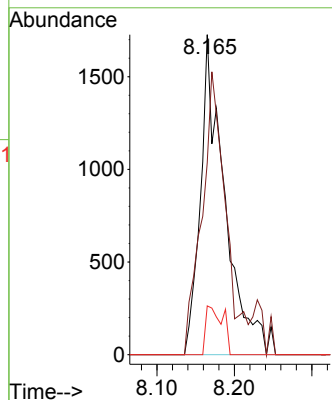
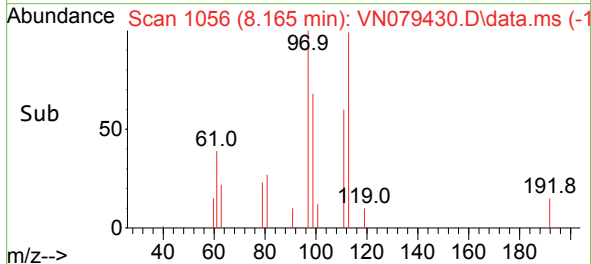
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	3764
Ion	Ratio	Lower	Upper
113	100		
111	86.3	82.6	123.8
192	10.6	12.7	19.1#



#36

1,1-Dichloropropene

Concen: 0.972 ug/l

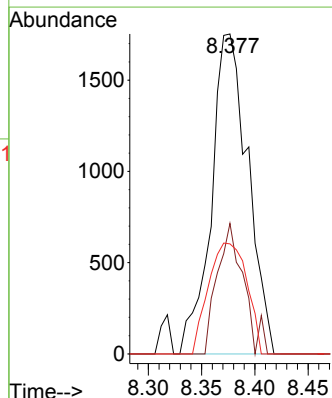
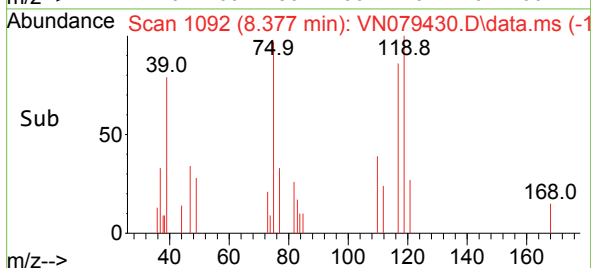
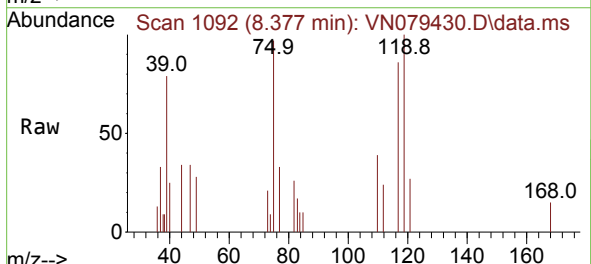
RT: 8.377 min Scan# 1092

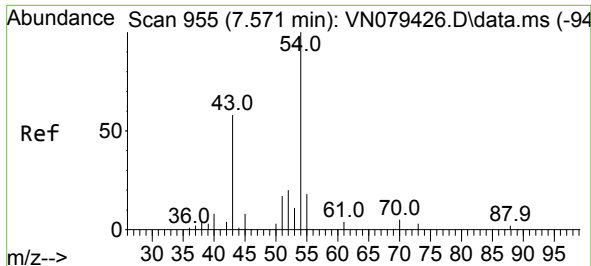
Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

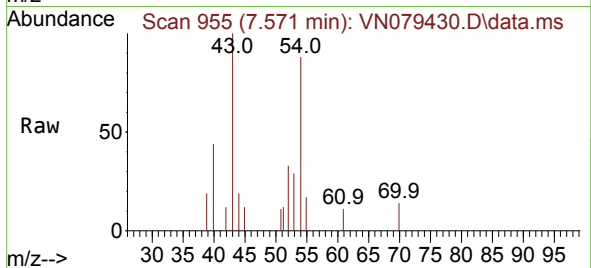
Tgt Ion:	75	Resp:	4184
Ion	Ratio	Lower	Upper
75	100		
110	29.3	19.1	57.3
77	36.4	25.0	37.4



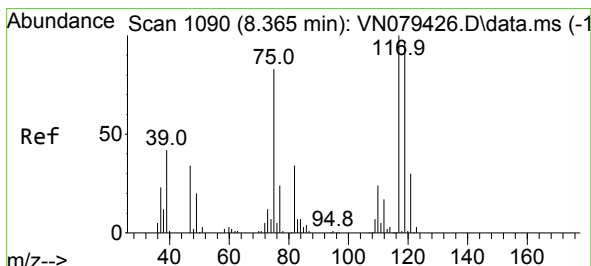
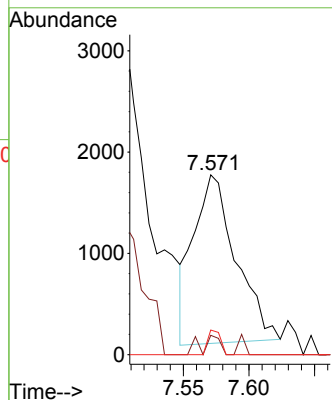
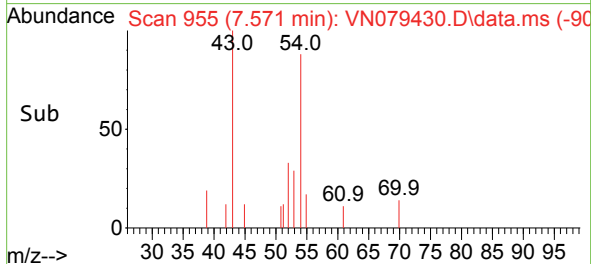


#37
Ethyl Acetate
Concen: 0.847 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :

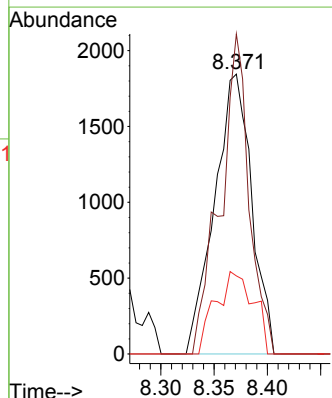
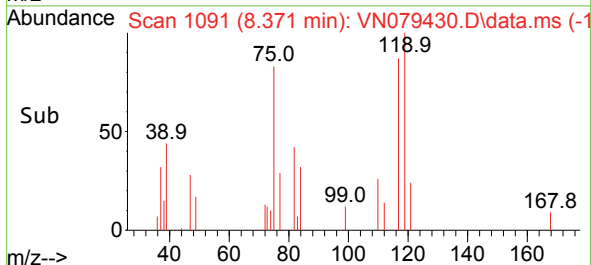
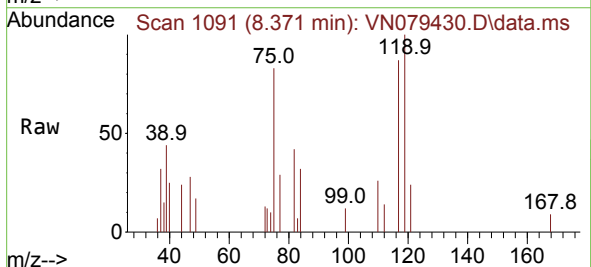


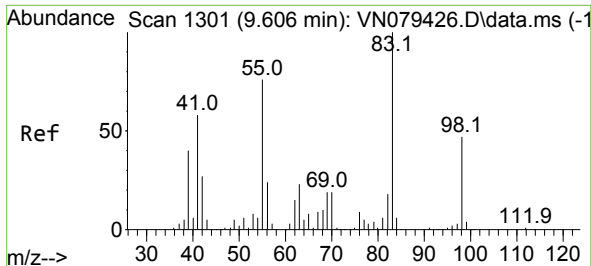
Tgt Ion: 43 Resp: 3736
Ion Ratio Lower Upper
43 100
61 5.0 13.2 19.8#
70 4.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 1.038 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 117 Resp: 4473
Ion Ratio Lower Upper
117 100
119 114.4 77.3 115.9
121 27.9 23.3 34.9





#39

Methylcyclohexane

Concen: 0.907 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

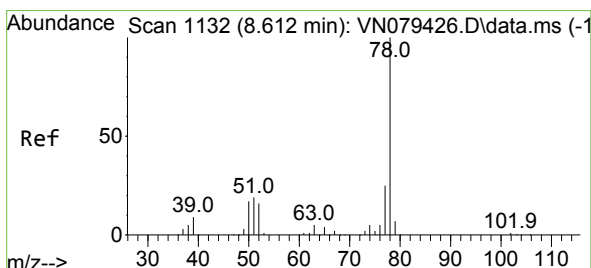
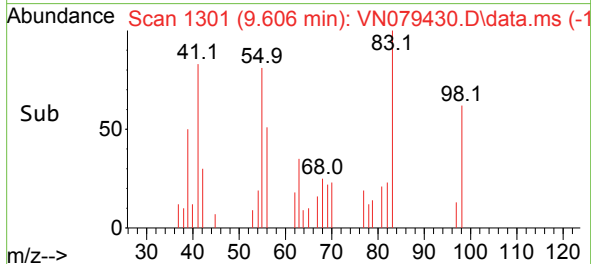
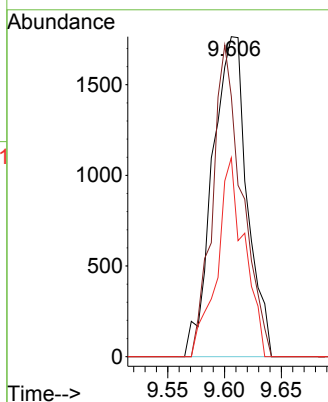
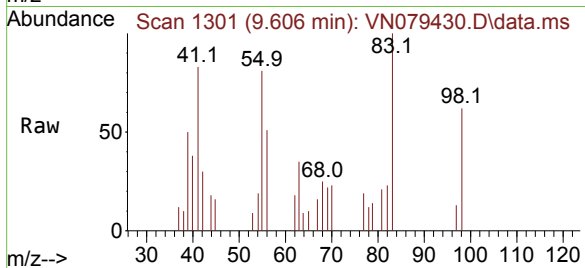
Tgt Ion: 83 Resp: 3750

Ion Ratio Lower Upper

83 100

55 81.4 49.1 73.7#

98 62.2 40.6 61.0#



#40

Benzene

Concen: 0.991 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079430.D

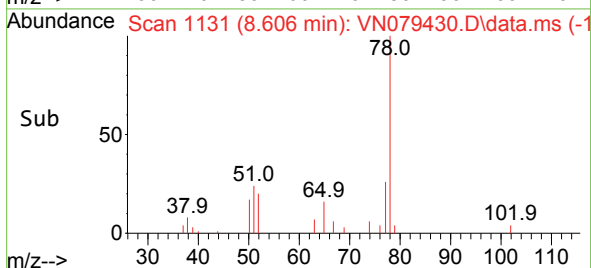
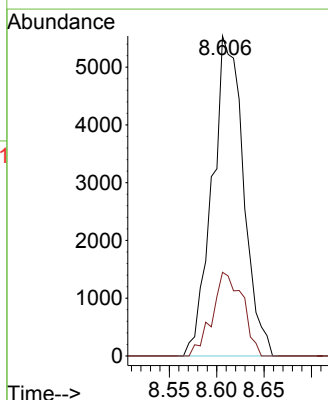
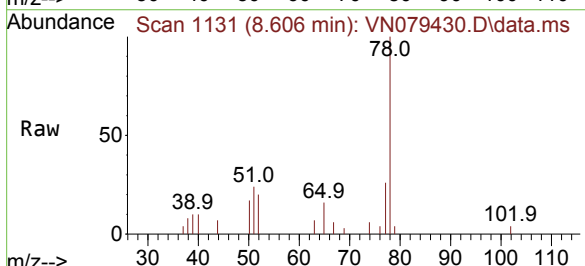
Acq: 05 Oct 2023 19:51

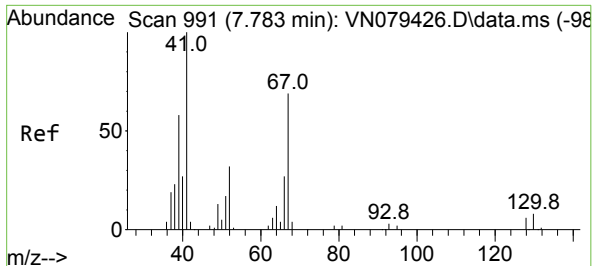
Tgt Ion: 78 Resp: 12674

Ion Ratio Lower Upper

78 100

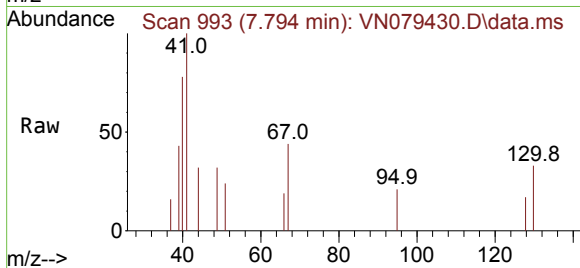
77 26.2 19.0 28.6



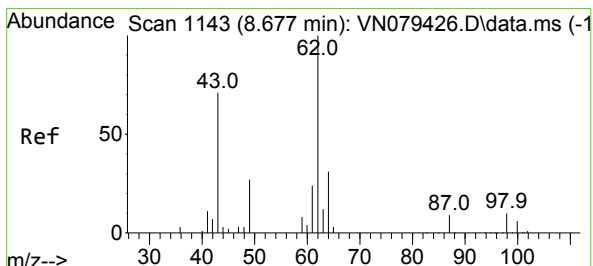
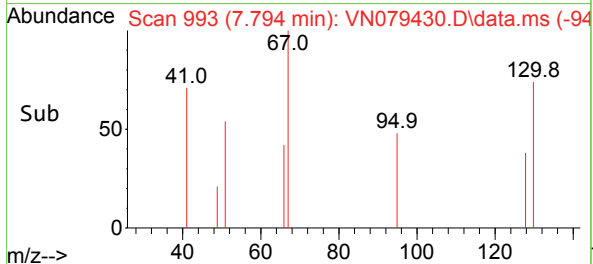
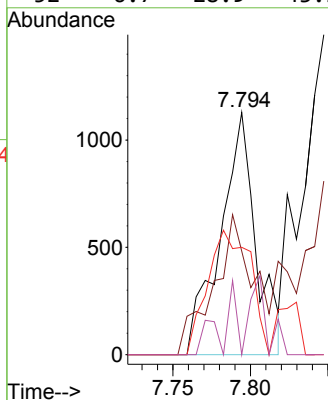


#41
Methacrylonitrile
Concen: 0.803 ug/l
RT: 7.794 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :

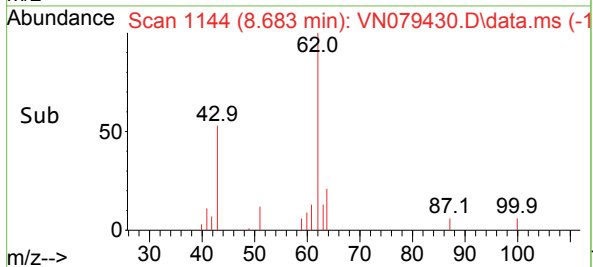
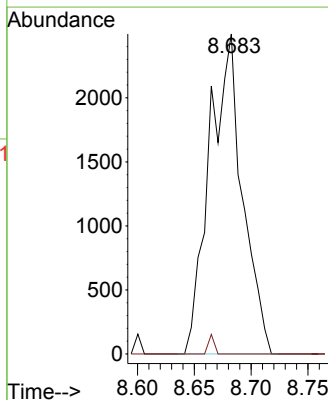
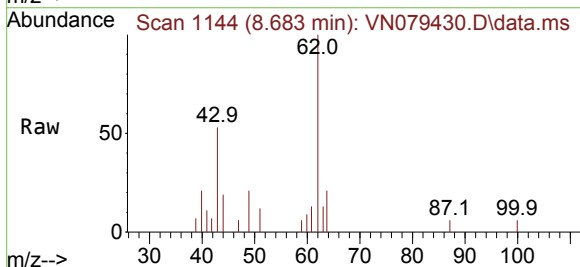


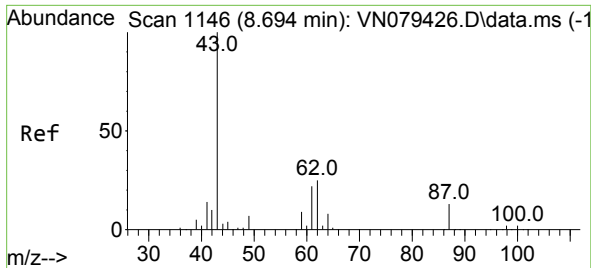
Tgt Ion:	41	Ratio	100	Lower	Upper
39	64.2	42.6	64.0#		
67	61.5	77.5	116.3#		
52	6.7	28.9	43.3#		



#42
1,2-Dichloroethane
Concen: 1.087 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion:	62	Ratio	100	Lower	Upper
98	1.1	0.0	19.8		

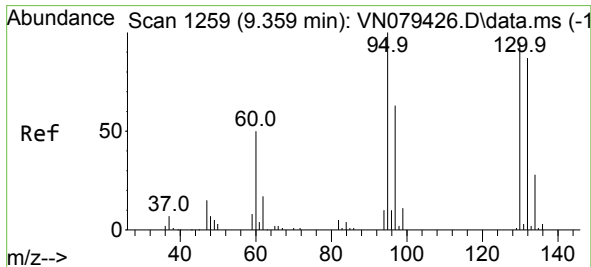
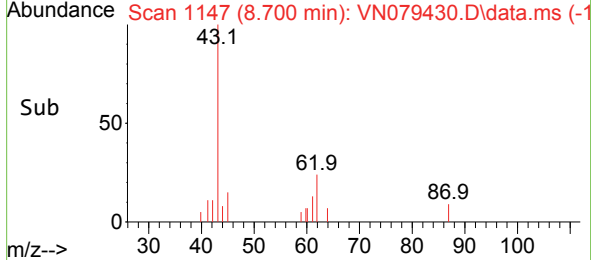
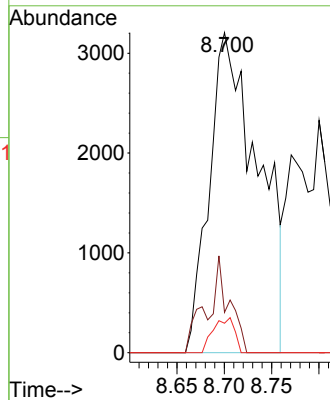
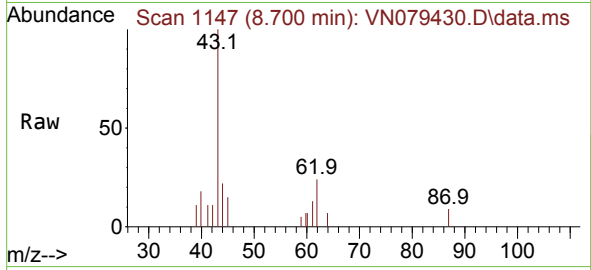




#43
Isopropyl Acetate
Concen: 1.533 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

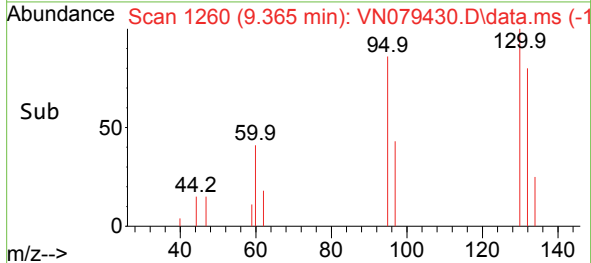
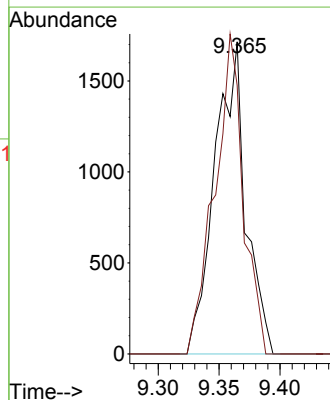
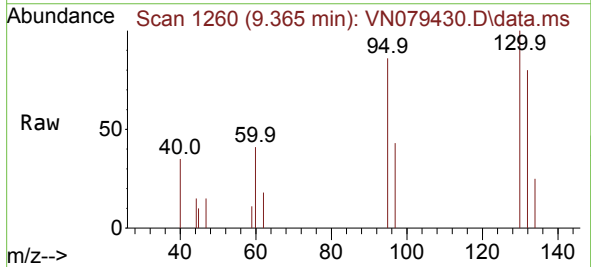
Instrument :
MSVOA_N
ClientSampleId :

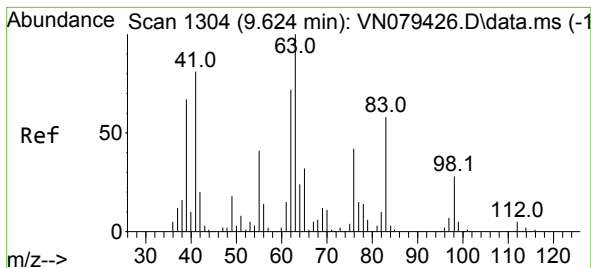
Tgt Ion: 43 Resp: 11505
Ion Ratio Lower Upper
43 100
61 13.7 24.7 37.1#
87 4.8 14.6 21.8#



#44
Trichloroethene
Concen: 1.009 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion:130 Resp: 3036
Ion Ratio Lower Upper
130 100
95 86.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.980 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

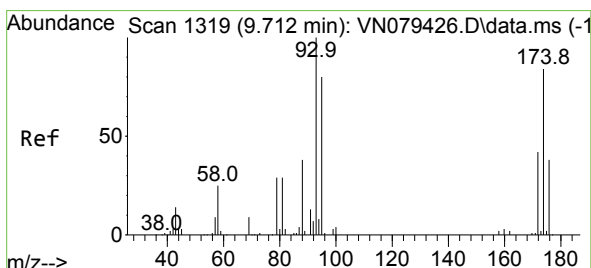
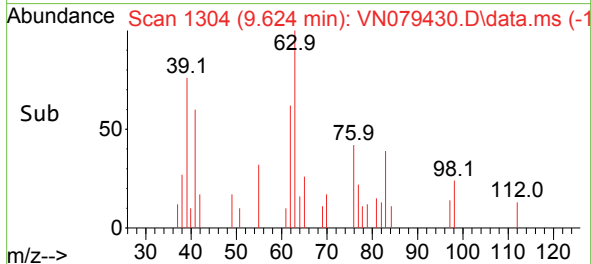
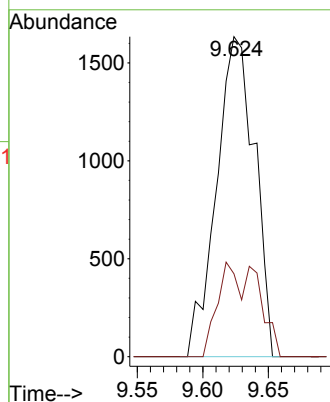
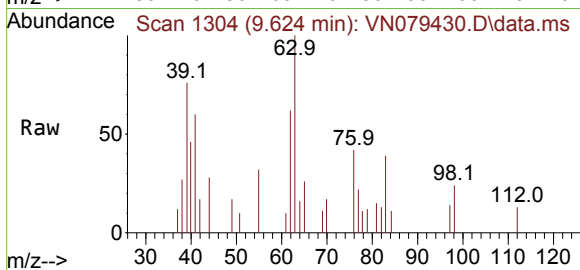
ClientSampleId :

Tgt Ion: 63 Resp: 3301

Ion Ratio Lower Upper

63 100

65 25.9 23.9 35.9



#46

Dibromomethane

Concen: 0.954 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

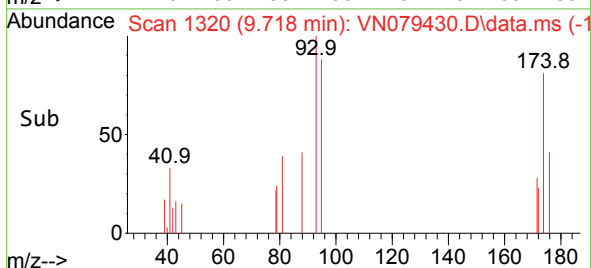
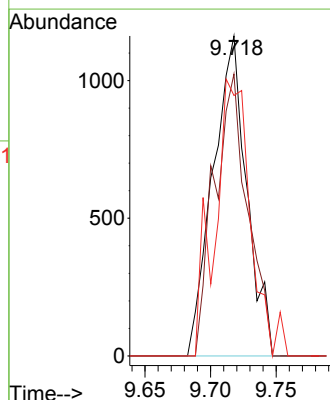
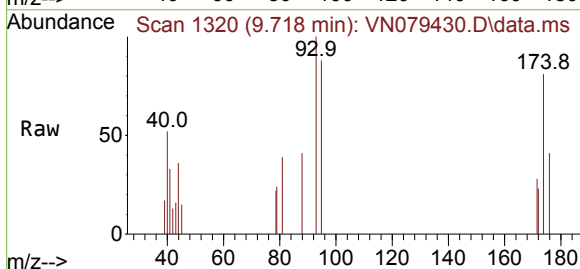
Tgt Ion: 93 Resp: 2081

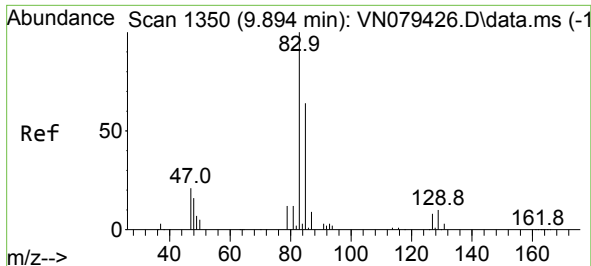
Ion Ratio Lower Upper

93 100

95 87.4 63.8 95.8

174 91.4 65.6 98.4

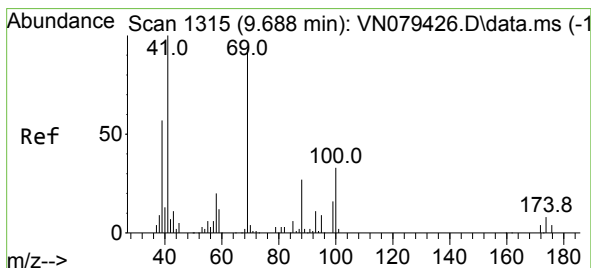
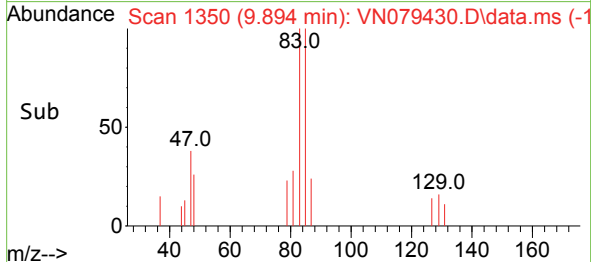
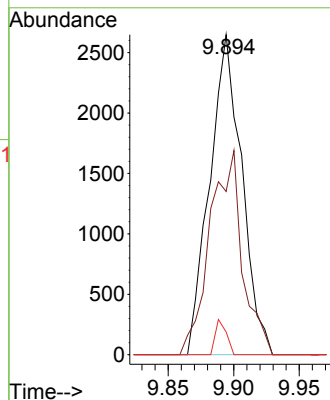
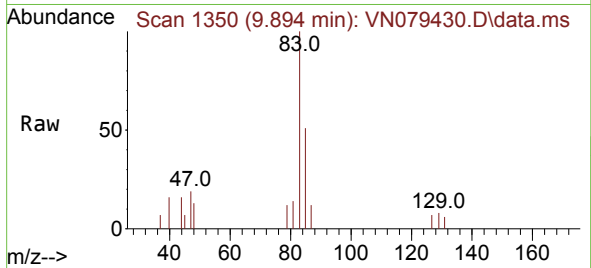




#47
Bromodichloromethane
Concen: 1.004 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

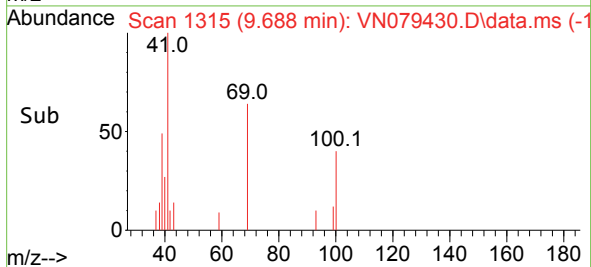
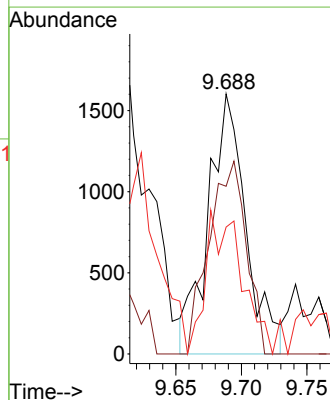
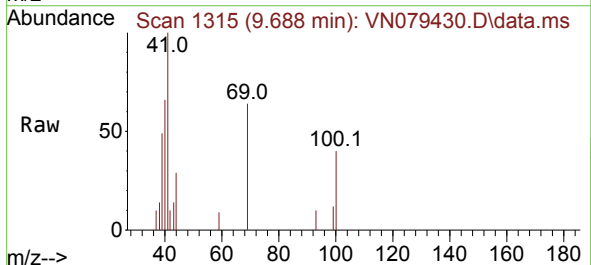
Instrument :
MSVOA_N
ClientSampleId :

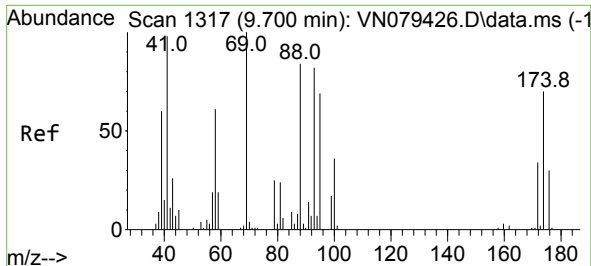
Tgt Ion: 83 Resp: 4506
Ion Ratio Lower Upper
83 100
85 51.0 49.6 74.4
127 7.1 7.0 10.6



#48
Methyl methacrylate
Concen: 0.998 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 41 Resp: 3208
Ion Ratio Lower Upper
41 100
69 73.8 90.4 135.6#
39 52.2 54.6 81.8#





#49

1,4-Dioxane

Concen: 14.689 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

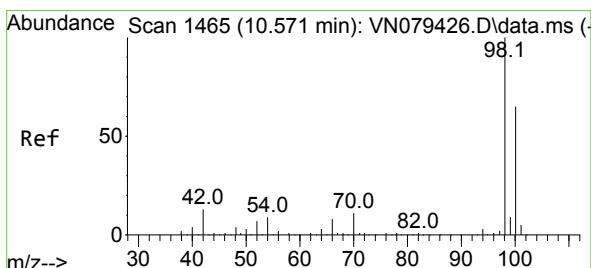
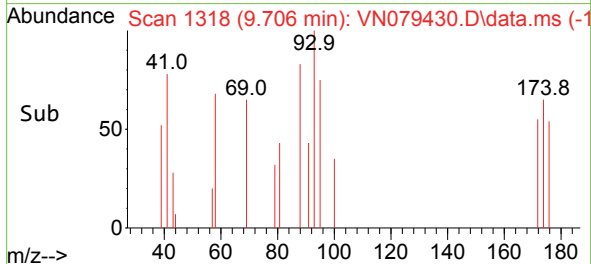
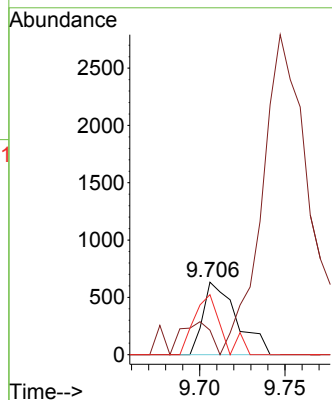
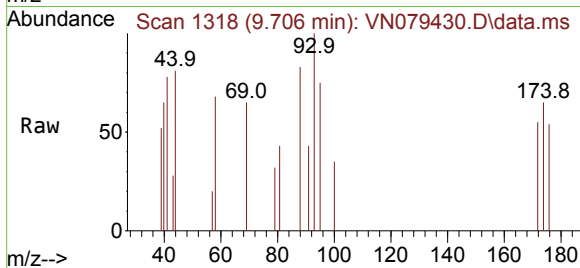
Tgt Ion: 88 Resp: 870

Ion Ratio Lower Upper

88 100

43 38.9 17.0 25.6#

58 66.8 47.0 70.4



#50

Toluene-d8

Concen: 1.013 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079430.D

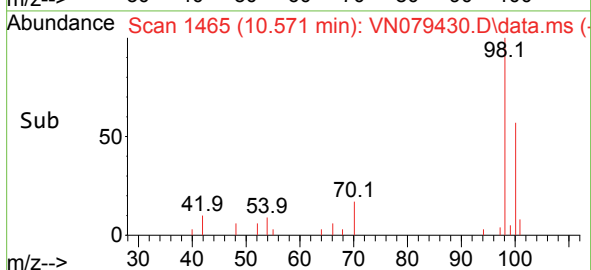
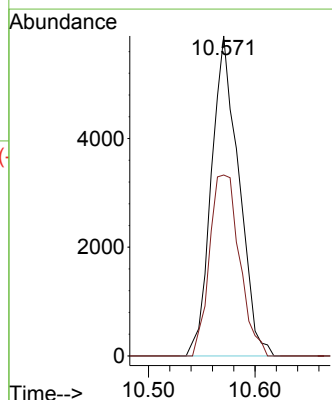
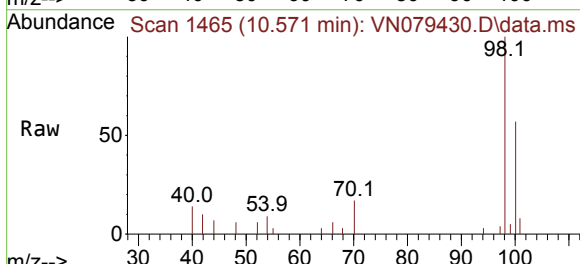
Acq: 05 Oct 2023 19:51

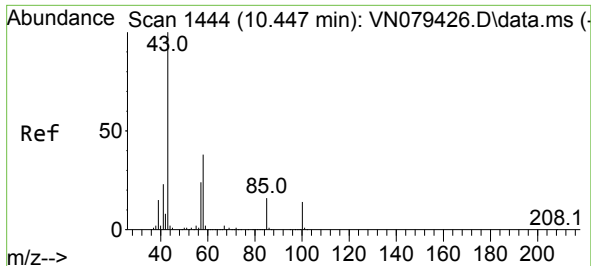
Tgt Ion: 98 Resp: 10507

Ion Ratio Lower Upper

98 100

100 62.0 52.0 78.0

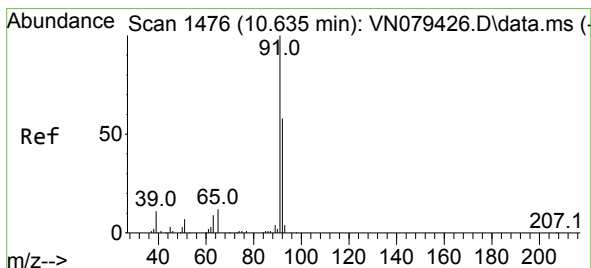
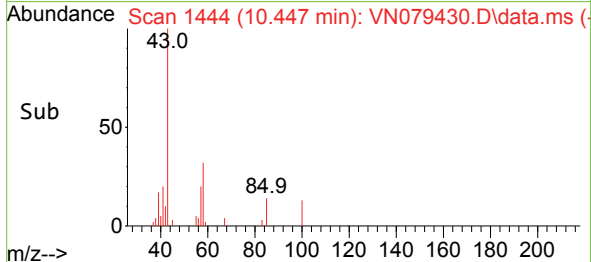
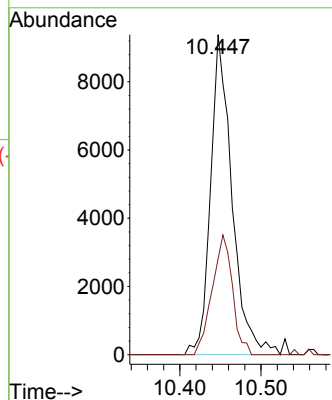
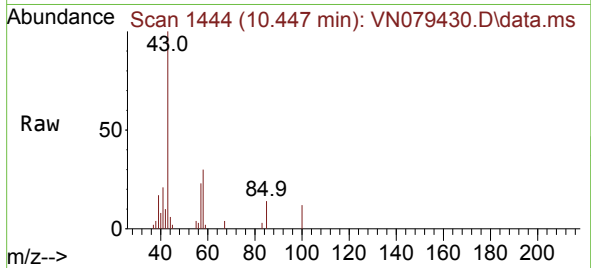




#51
4-Methyl-2-Pentanone
Concen: 4.052 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

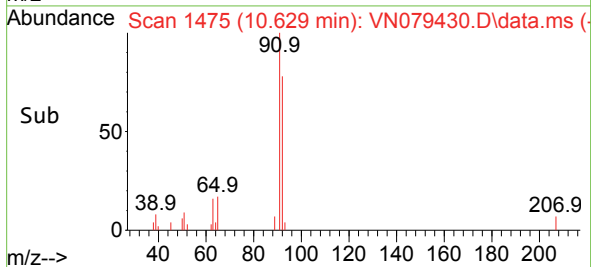
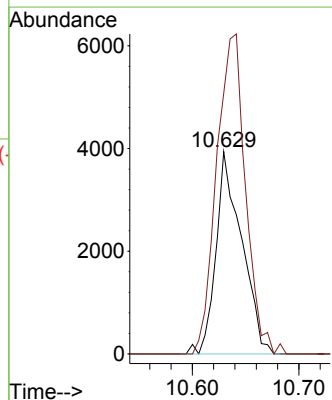
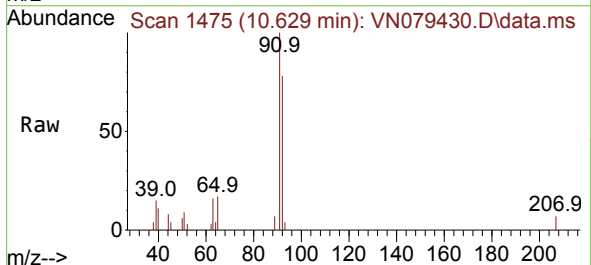
Instrument :
MSVOA_N
ClientSampleId :

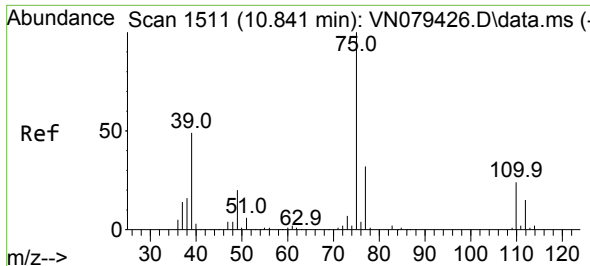
Tgt Ion: 43 Resp: 17164
Ion Ratio Lower Upper
43 100
58 35.5 36.6 54.8#



#52
Toluene
Concen: 0.876 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 92 Resp: 6591
Ion Ratio Lower Upper
92 100
91 178.8 137.4 206.0

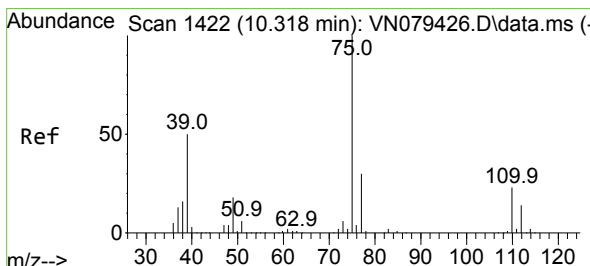
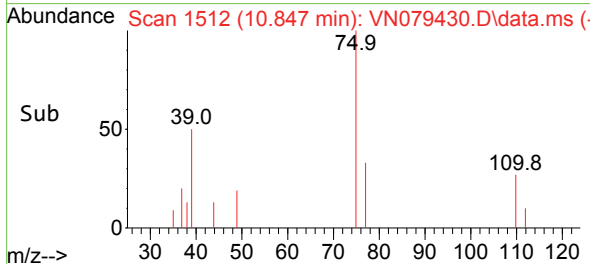
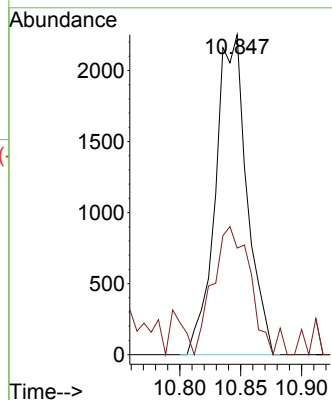
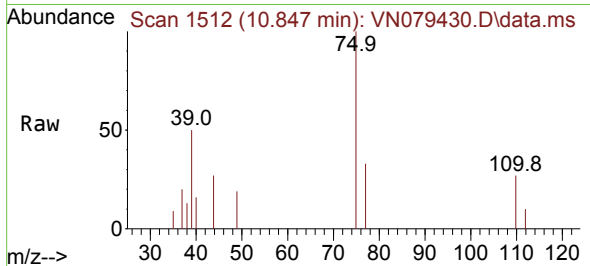




#53
 t-1,3-Dichloropropene
 Concen: 0.895 ug/l
 RT: 10.847 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

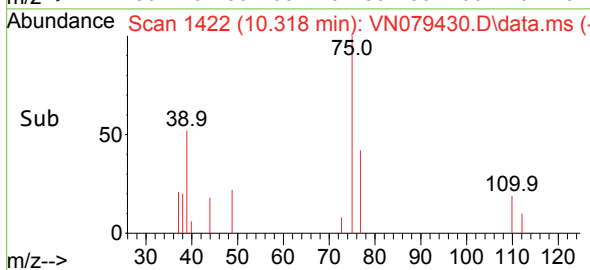
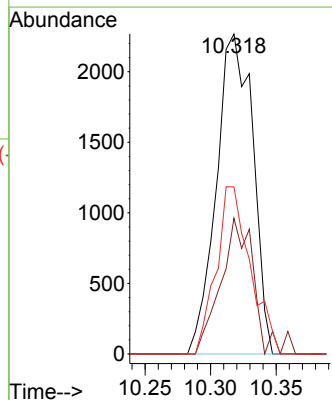
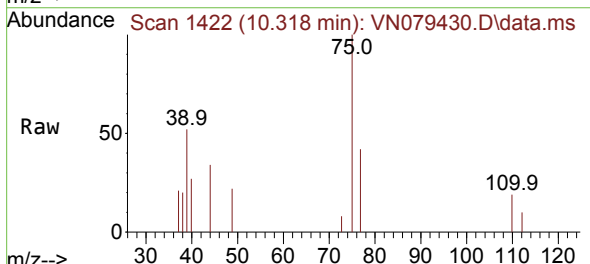
Instrument :
 MSVOA_N
 ClientSampleId :

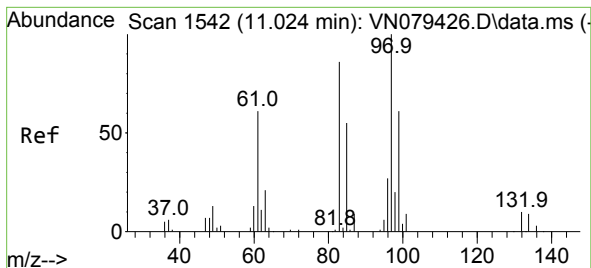
Tgt Ion: 75 Resp: 4047
 Ion Ratio Lower Upper
 75 100
 77 25.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.884 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

Tgt Ion: 75 Resp: 4376
 Ion Ratio Lower Upper
 75 100
 77 42.4 26.1 39.1#
 39 52.2 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 1.000 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

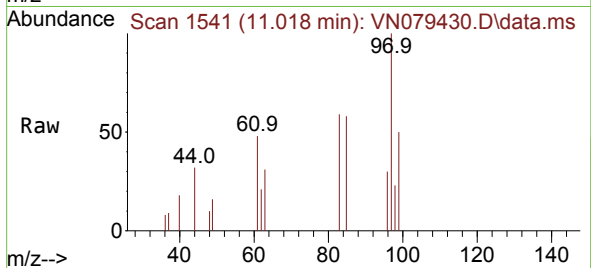
Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 3020

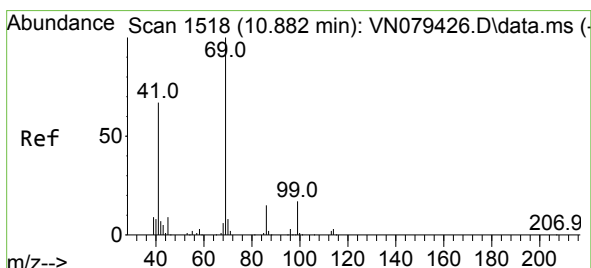
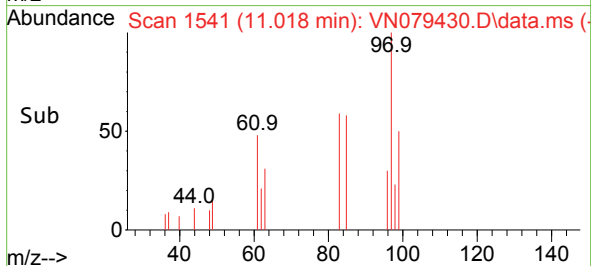
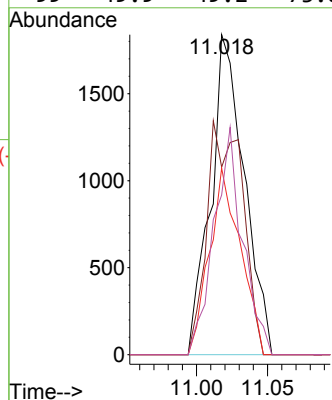
Ion Ratio Lower Upper

97 100

83 58.6 65.1 97.7#

85 58.3 43.4 65.2

99 49.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 0.728 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

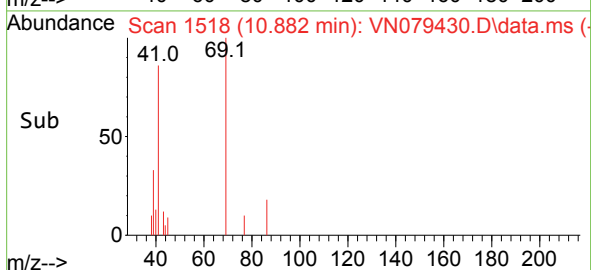
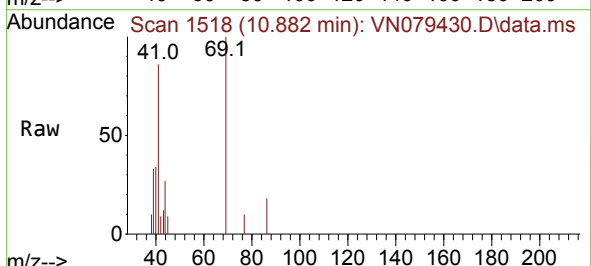
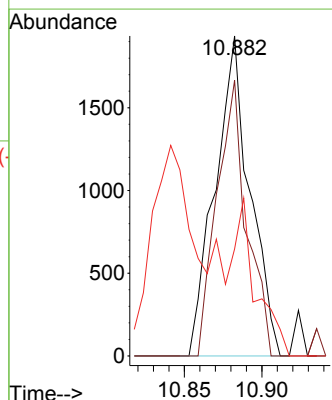
Tgt Ion: 69 Resp: 3020

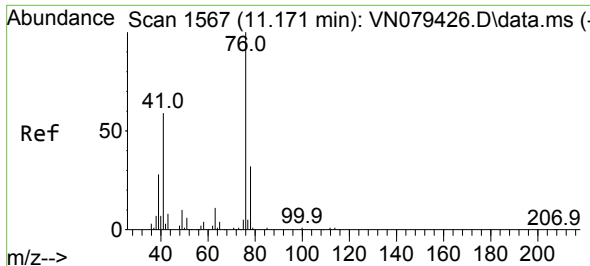
Ion Ratio Lower Upper

69 100

41 73.5 39.6 59.4#

39 31.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 0.896 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

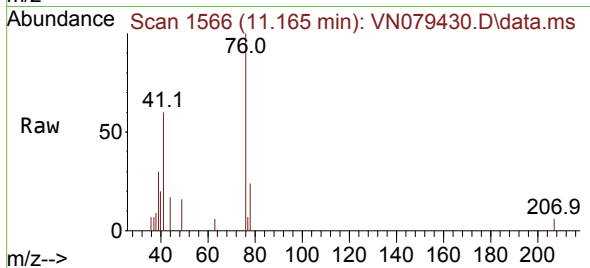
Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

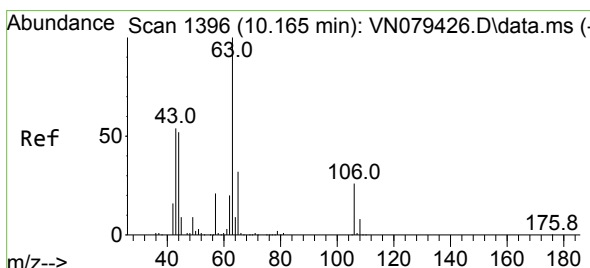
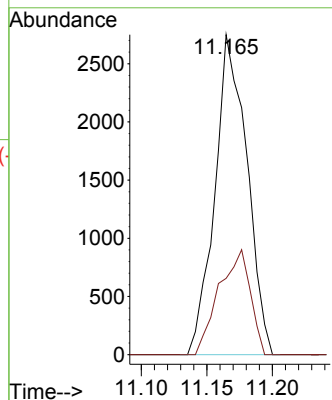
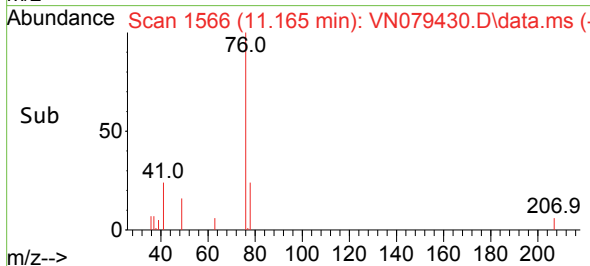


Tgt Ion: 76 Resp: 4673

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.674 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079430.D

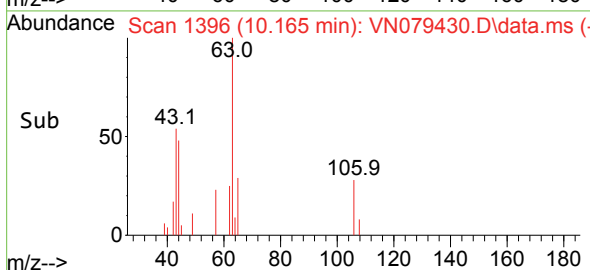
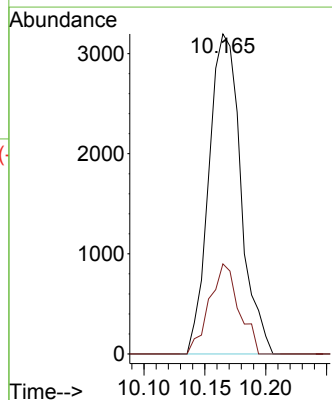
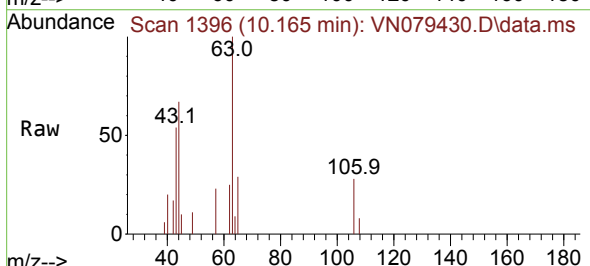
Acq: 05 Oct 2023 19:51

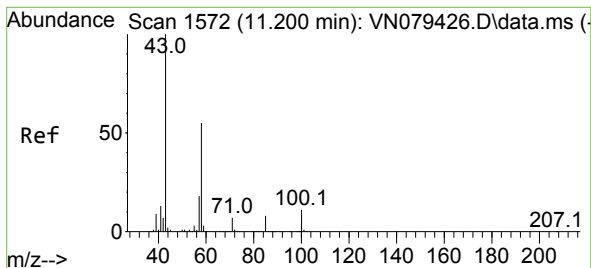
Tgt Ion: 63 Resp: 5840

Ion Ratio Lower Upper

63 100

106 26.1 26.2 39.4#

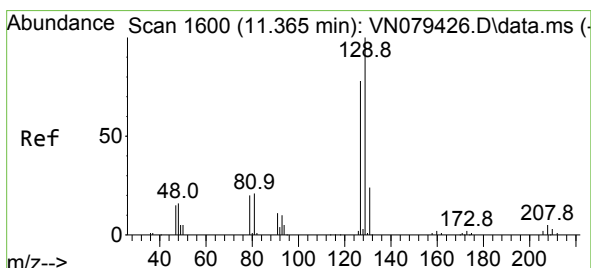
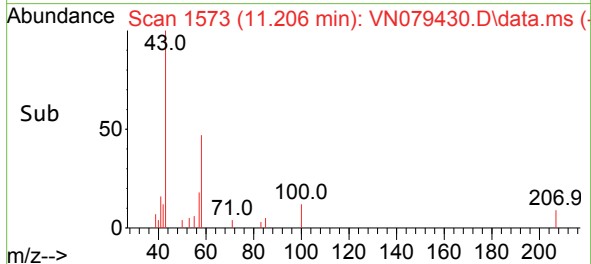
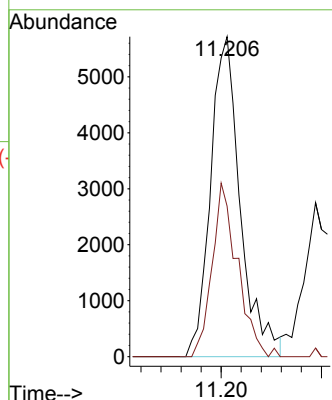
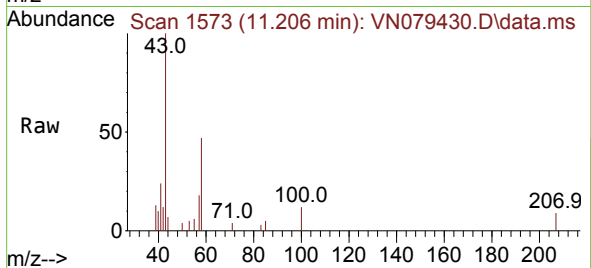




#59
2-Hexanone
Concen: 3.849 ug/l
RT: 11.206 min Scan# 11765
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

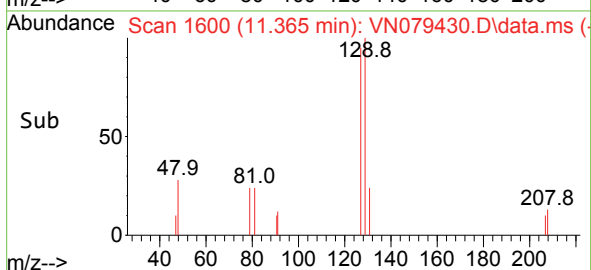
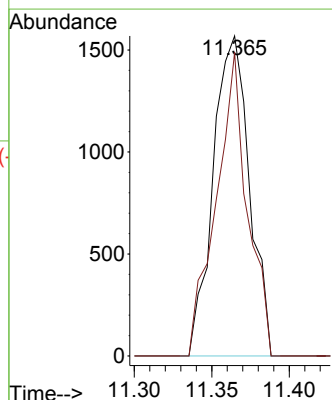
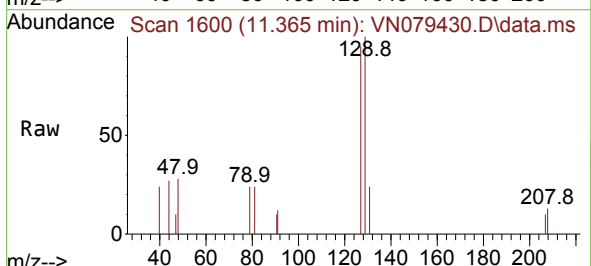
Instrument :
MSVOA_N
ClientSampleId :

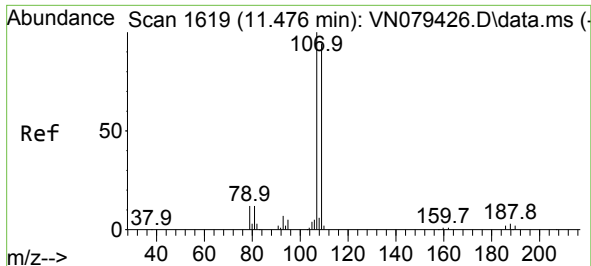
Tgt Ion: 43 Resp: 11765
Ion Ratio Lower Upper
43 100
58 46.3 31.7 95.1



#60
Dibromochloromethane
Concen: 0.839 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 129 Resp: 2547
Ion Ratio Lower Upper
129 100
127 81.9 38.6 116.0

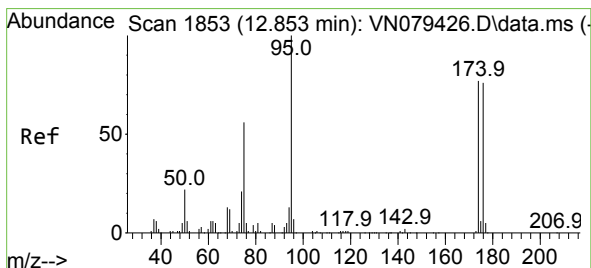
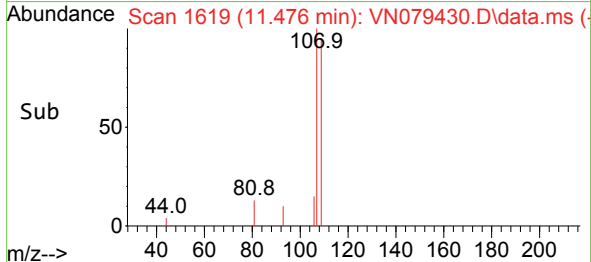
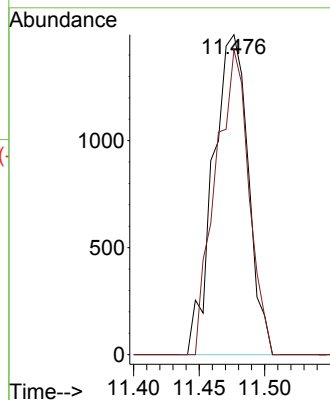
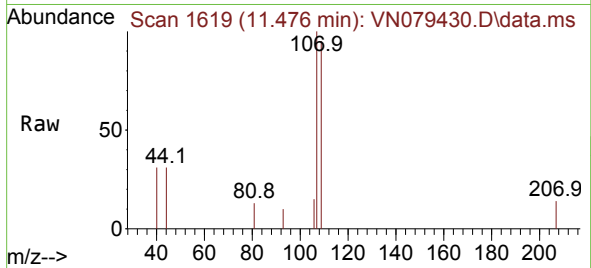




#61
1,2-Dibromoethane
Concen: 0.926 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

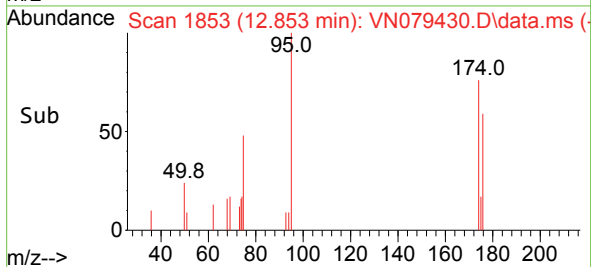
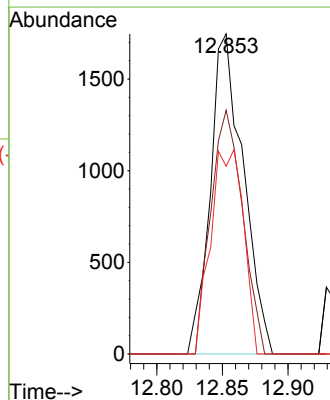
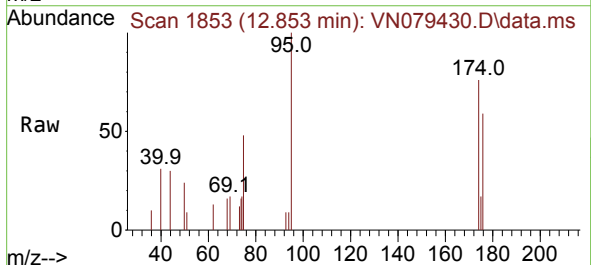
Instrument :
MSVOA_N
ClientSampleId :

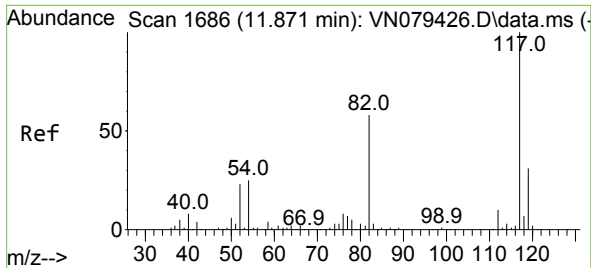
Tgt Ion:107 Resp: 2776
Ion Ratio Lower Upper
107 100
109 90.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 0.917 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 95 Resp: 3054
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 63.5 0.0 135.8

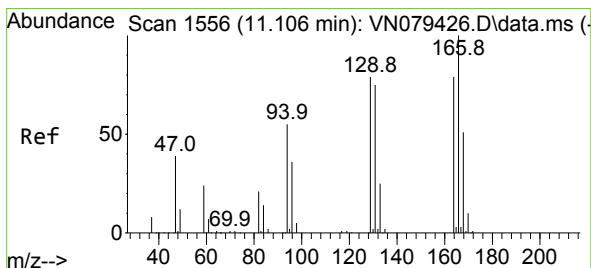
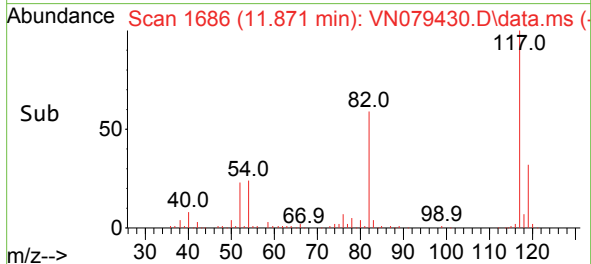
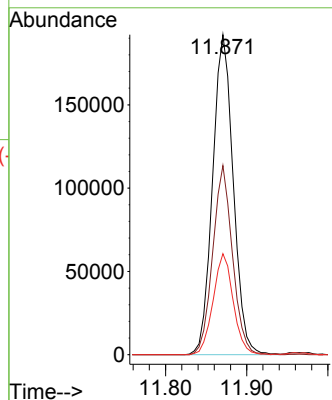
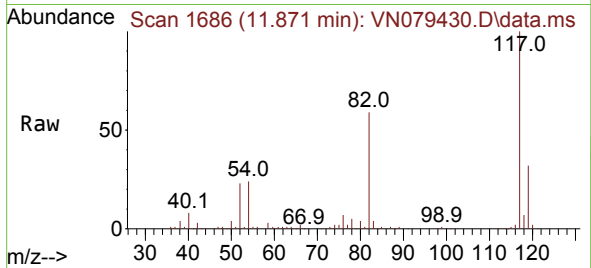




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

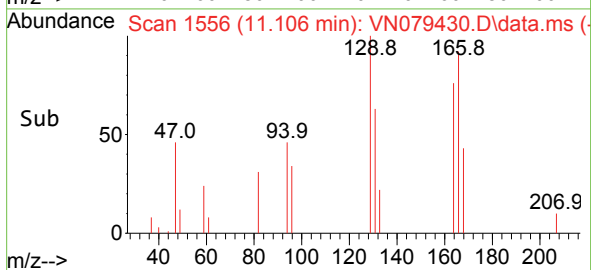
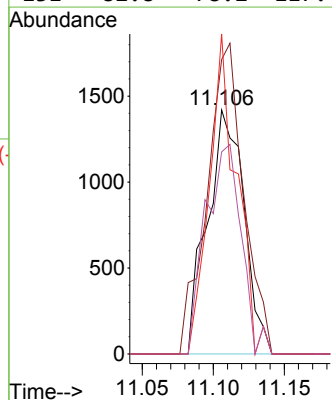
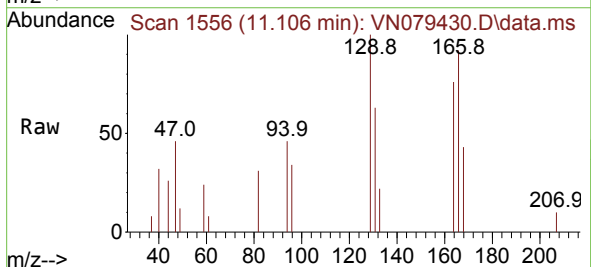
Instrument :
MSVOA_N
ClientSampleId :

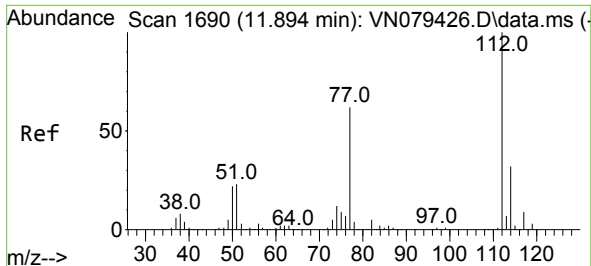
Tgt Ion:117 Resp: 339716
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 1.087 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion:164 Resp: 2541
Ion Ratio Lower Upper
164 100
166 120.6 101.4 152.0
129 131.1 82.4 123.6#
131 82.8 78.2 117.4

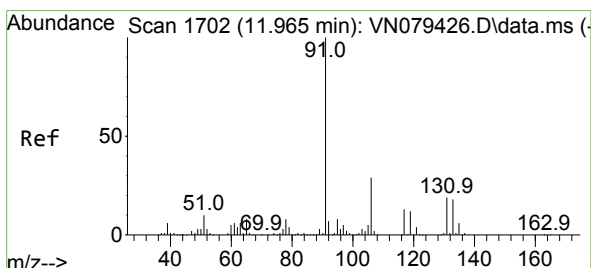
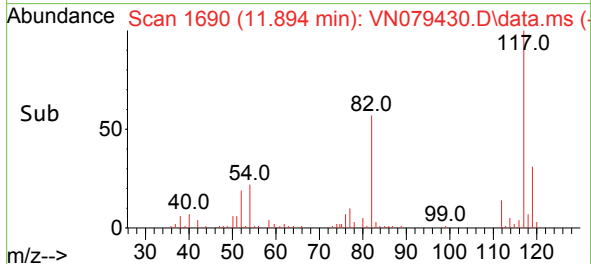
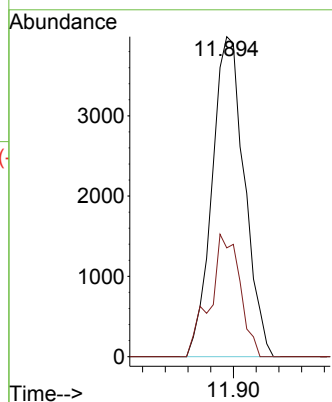
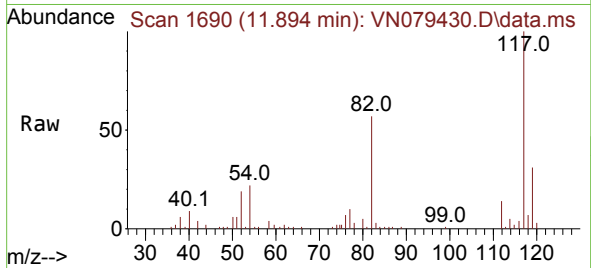




#65
Chlorobenzene
Concen: 1.042 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

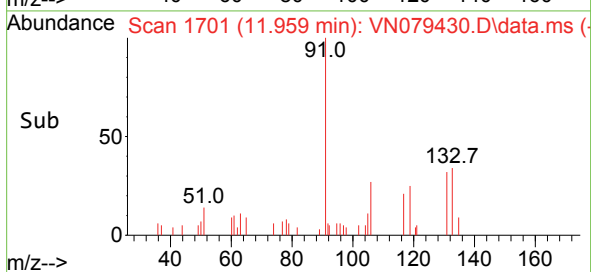
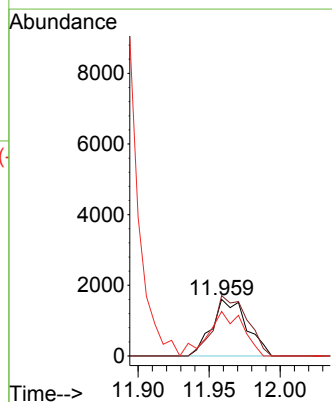
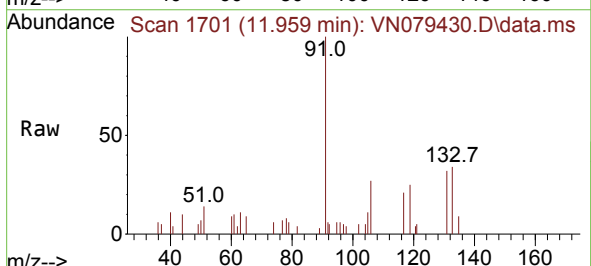
Instrument :
MSVOA_N
ClientSampleId :

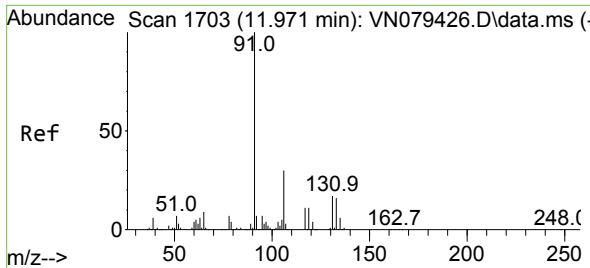
Tgt Ion:112 Resp: 7882
Ion Ratio Lower Upper
112 100
114 34.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.984 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion:131 Resp: 2726
Ion Ratio Lower Upper
131 100
133 104.6 46.4 139.1
119 0.0 34.1 102.2#

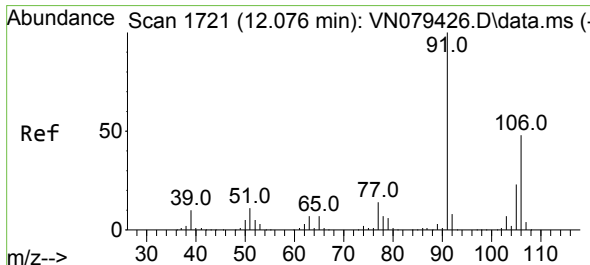
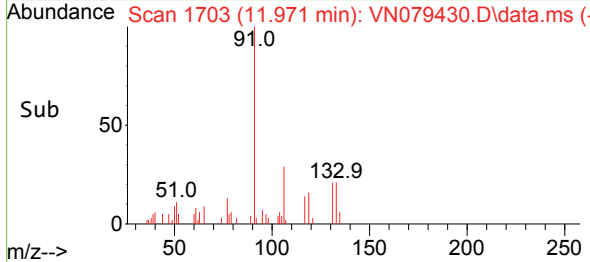
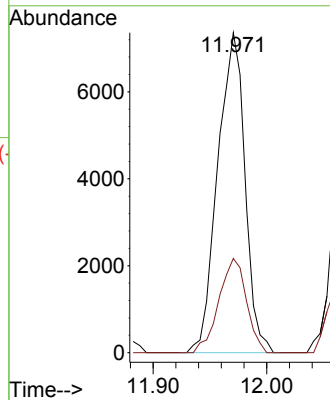
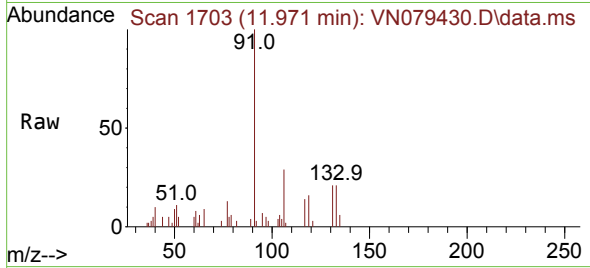




#67
Ethyl Benzene
Concen: 0.933 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

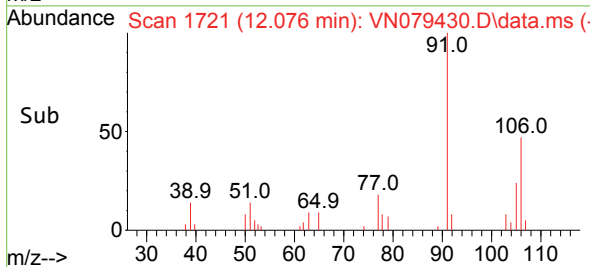
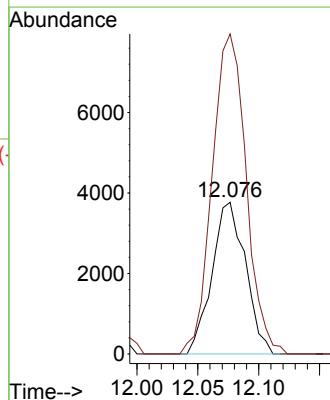
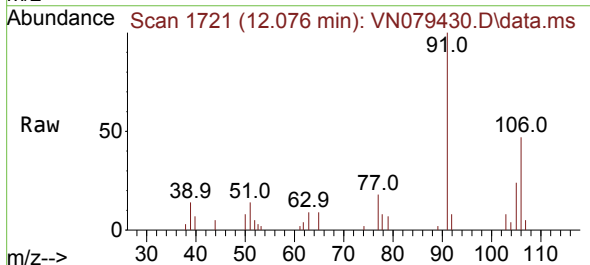
Instrument :
MSVOA_N
ClientSampleId :

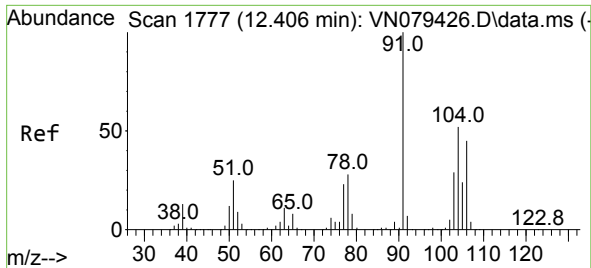
Tgt Ion: 91 Resp: 12263
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4



#68
m/p-Xylenes
Concen: 1.505 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 106 Resp: 7191
Ion Ratio Lower Upper
106 100
91 214.2 159.6 239.4

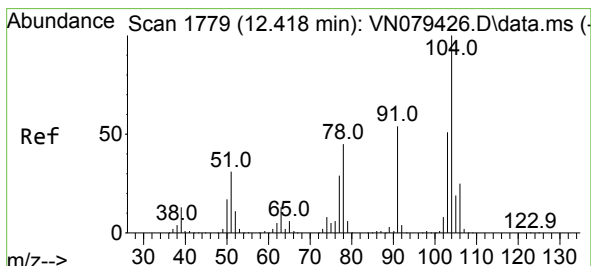
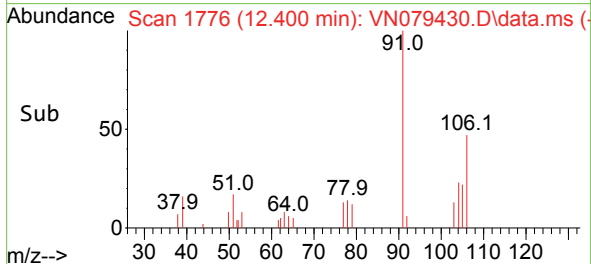
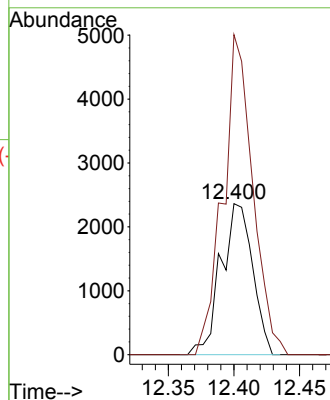
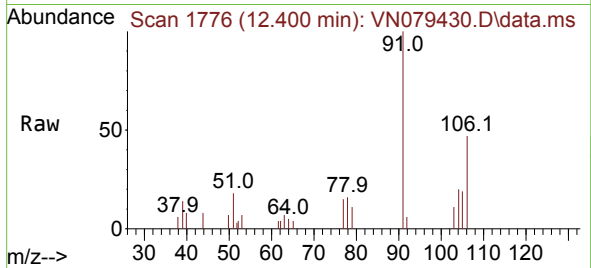




#69
o-Xylene
Concen: 0.844 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

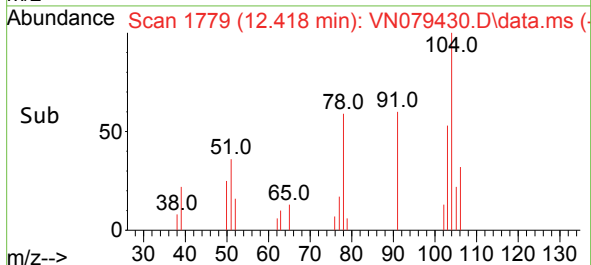
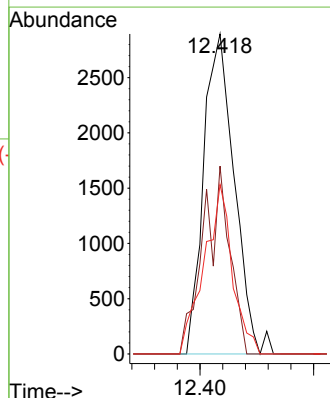
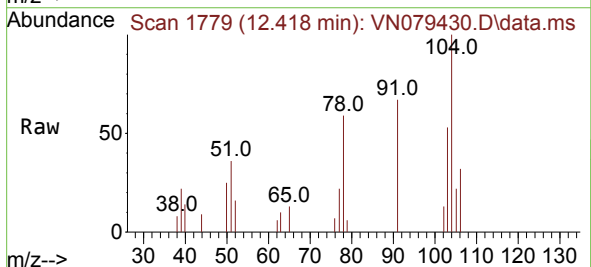
Instrument :
MSVOA_N
ClientSampleId :

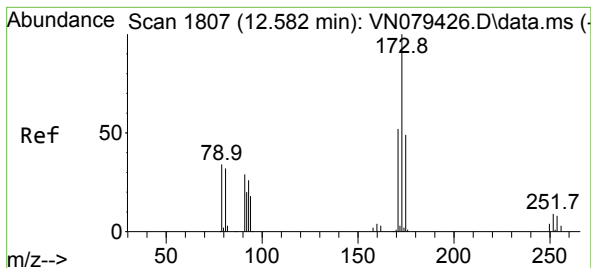
Tgt Ion:106 Resp: 3966
Ion Ratio Lower Upper
106 100
91 199.2 105.2 315.5



#70
Styrene
Concen: 0.731 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion:104 Resp: 5424
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 48.7 43.2 64.8





#71

Bromoform

Concen: 0.980 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

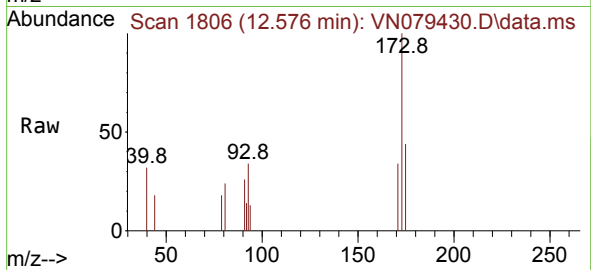
Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :



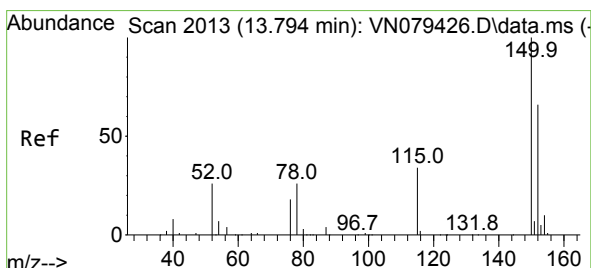
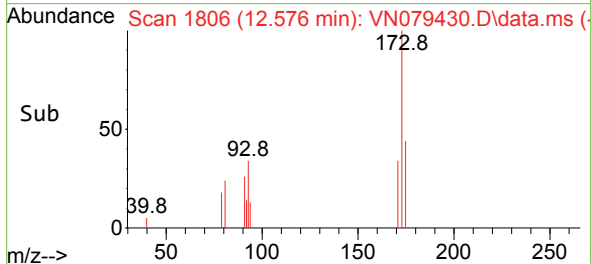
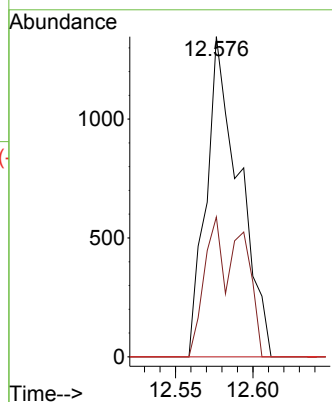
Tgt Ion:173 Resp: 1986

Ion Ratio Lower Upper

173 100

175 26.0 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: VN079430.D

Acq: 05 Oct 2023 19:51

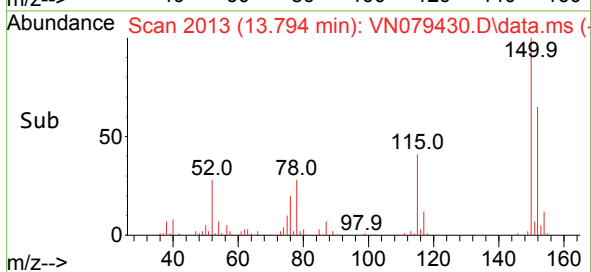
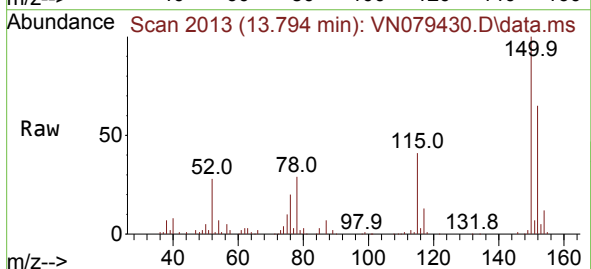
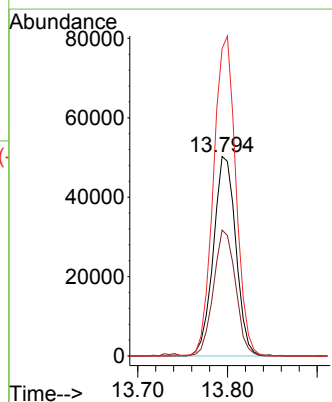
Tgt Ion:152 Resp: 87397

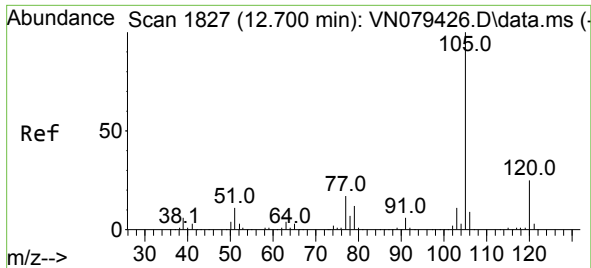
Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 159.7 0.0 355.8

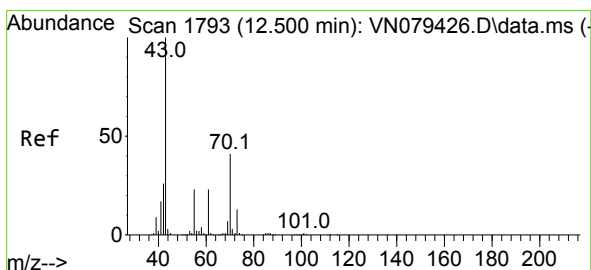
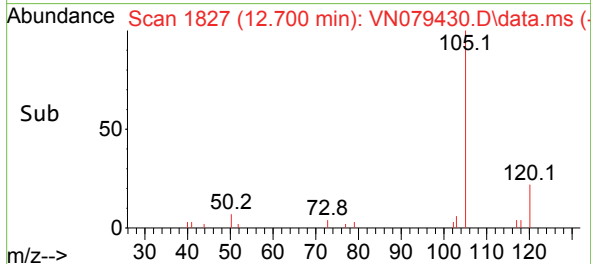
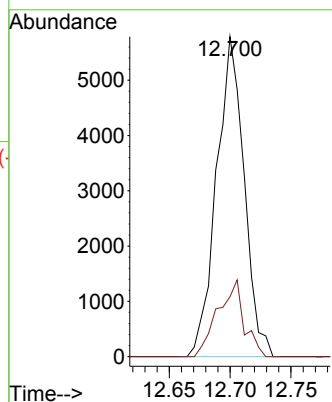
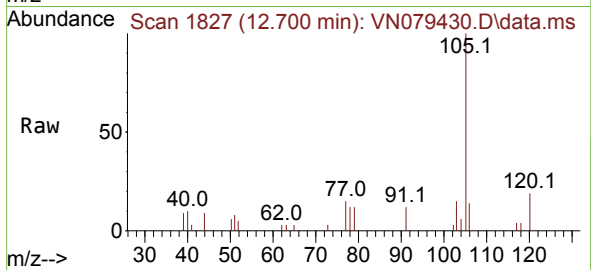




#73
Isopropylbenzene
Concen: 1.123 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

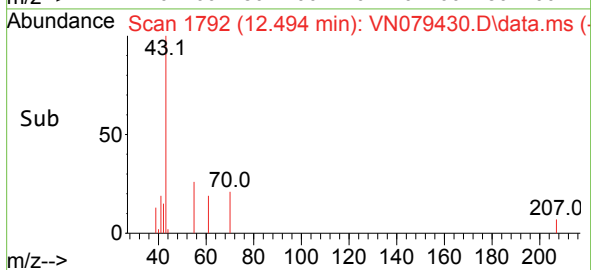
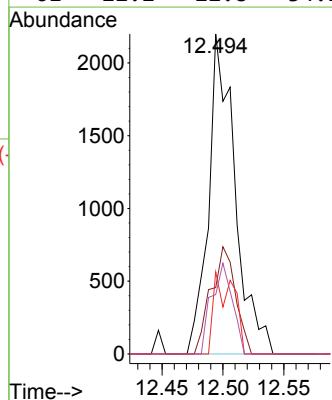
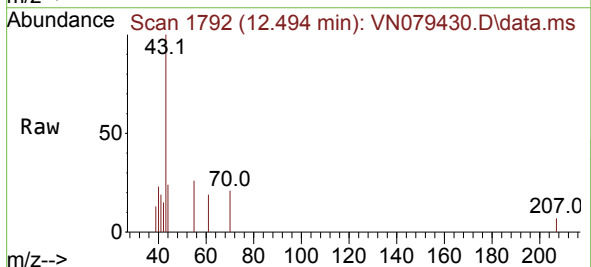
Instrument :
MSVOA_N
ClientSampleId :

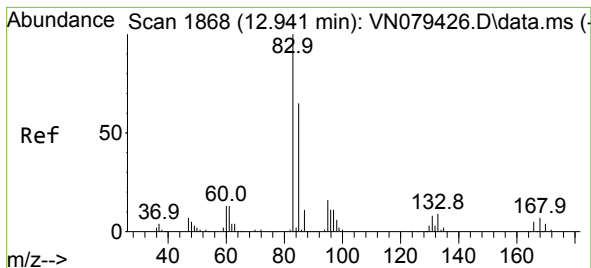
Tgt Ion:105 Resp: 9132
Ion Ratio Lower Upper
105 100
120 22.6 13.1 39.1



#74
N-ethyl acetate
Concen: 0.996 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 43 Resp: 3321
Ion Ratio Lower Upper
43 100
70 31.0 43.4 65.2#
55 19.2 21.4 32.0#
61 22.2 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.552 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. 0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

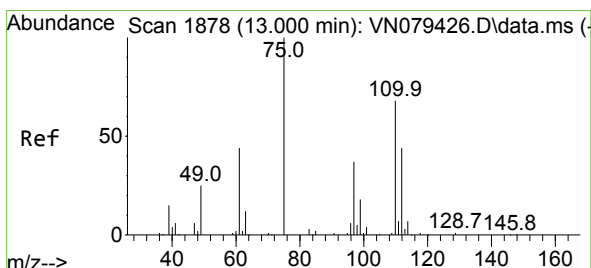
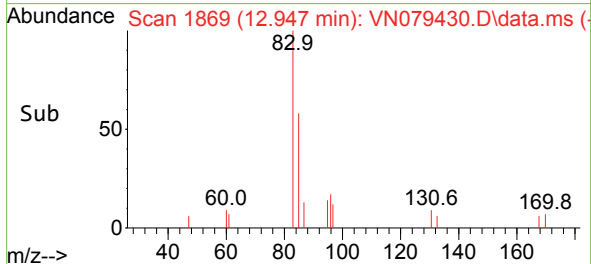
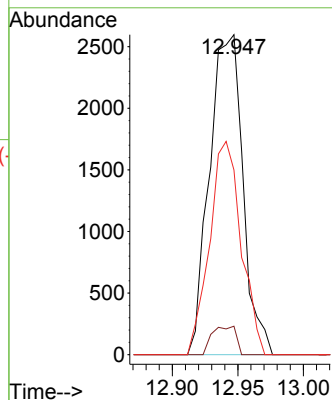
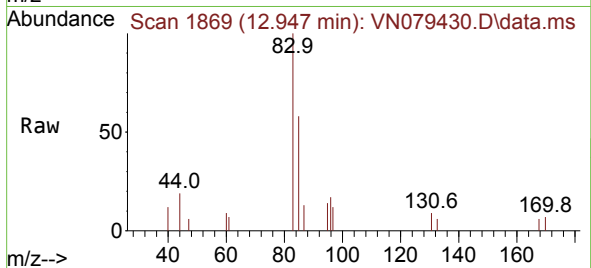
Tgt Ion: 83 Resp: 4602

Ion Ratio Lower Upper

83 100

131 6.3 5.0 15.0

85 63.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 1.725 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN079430.D

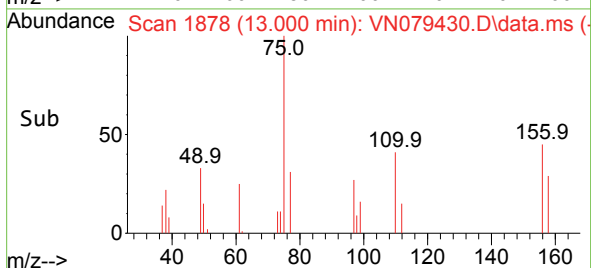
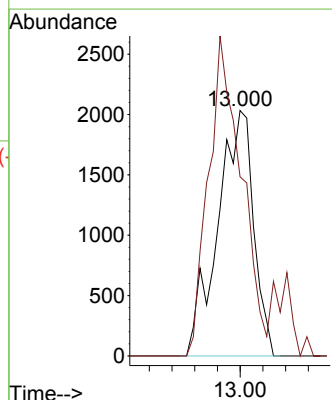
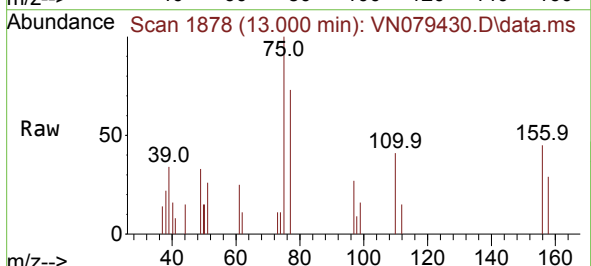
Acq: 05 Oct 2023 19:51

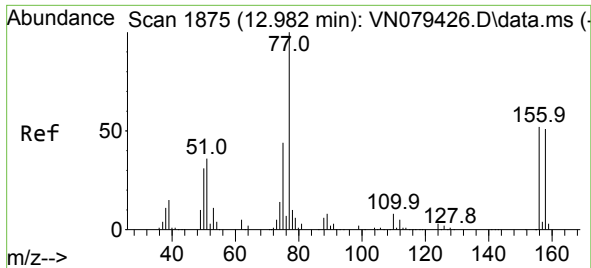
Tgt Ion: 75 Resp: 4467

Ion Ratio Lower Upper

75 100

77 119.7 84.5 253.5

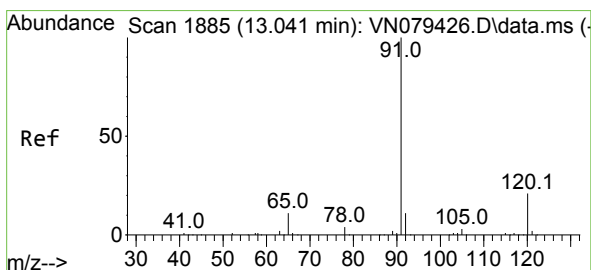
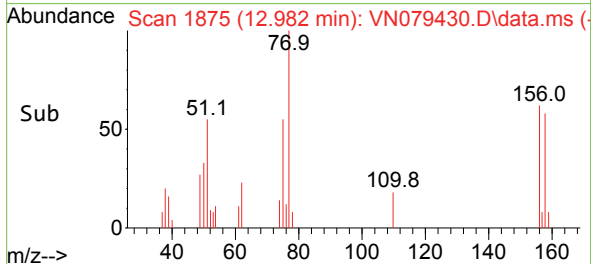
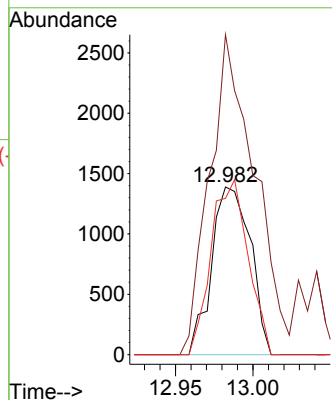
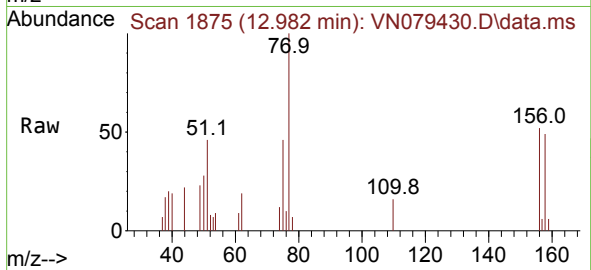




#77
Bromobenzene
Concen: 1.212 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

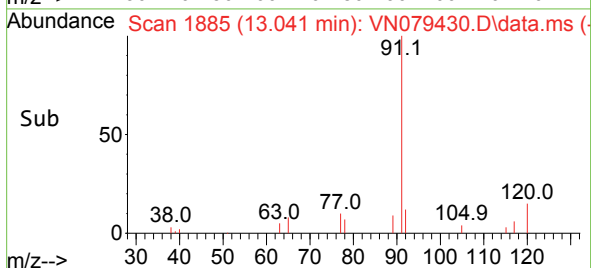
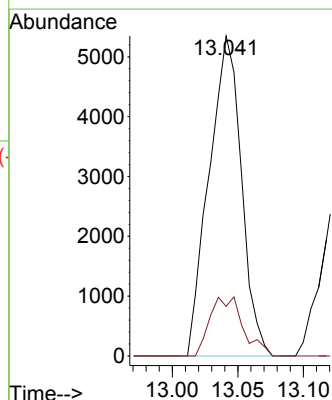
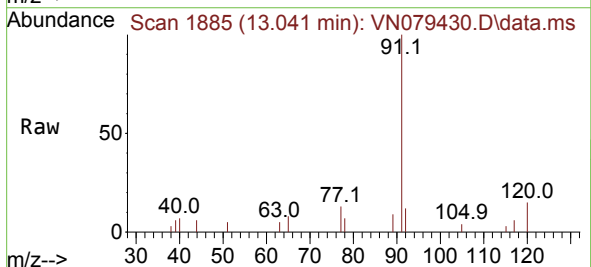
Instrument :
MSVOA_N
ClientSampleId :

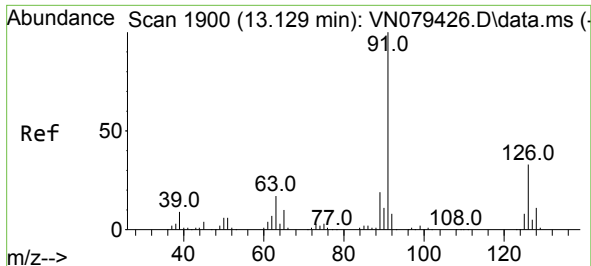
Tgt Ion:156 Resp: 2416
Ion Ratio Lower Upper
156 100
77 221.2 107.7 323.3
158 99.4 48.4 145.3



#78
n-propylbenzene
Concen: 0.997 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 91 Resp: 9169
Ion Ratio Lower Upper
91 100
120 18.9 11.5 34.4

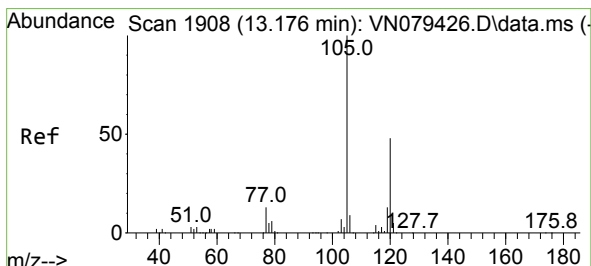
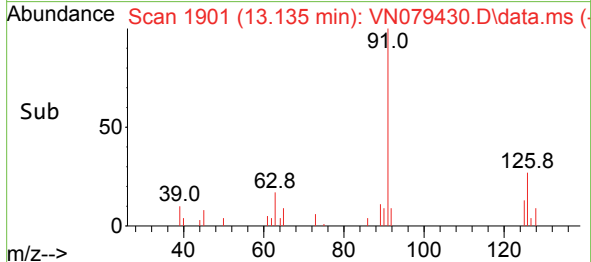
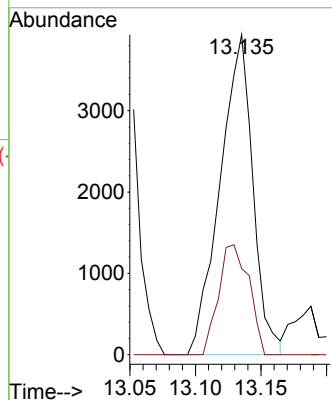
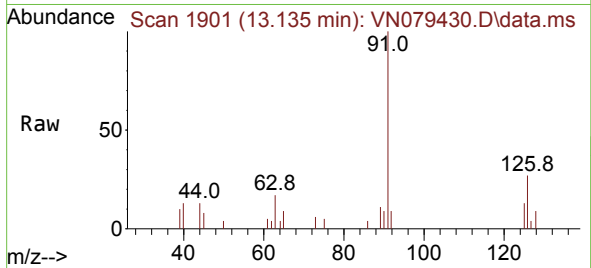




#79
2-Chlorotoluene
Concen: 1.163 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

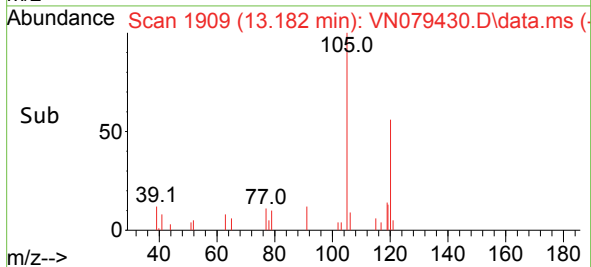
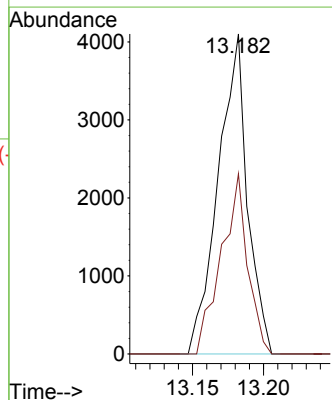
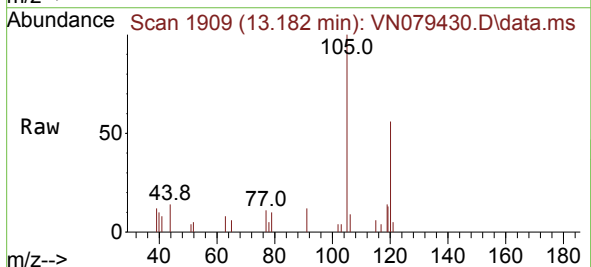
Instrument :
MSVOA_N
ClientSampleId :

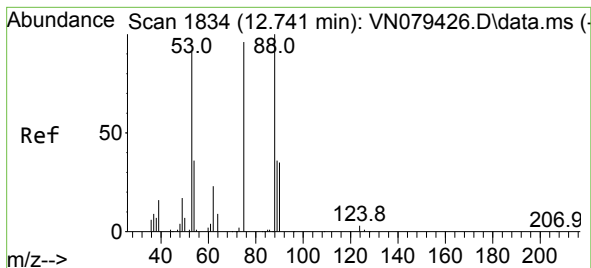
Tgt Ion: 91 Resp: 6844
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.915 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 105 Resp: 5867
Ion Ratio Lower Upper
105 100
120 50.8 24.1 72.3

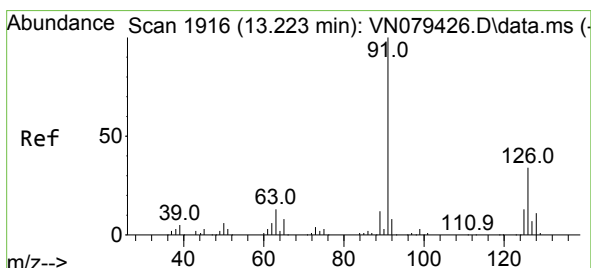
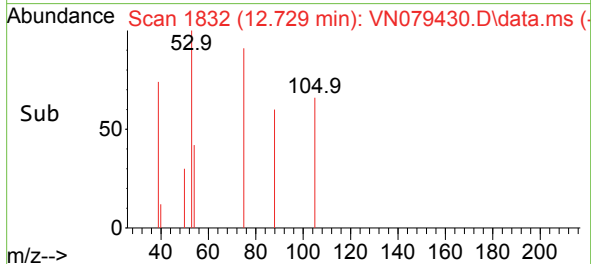
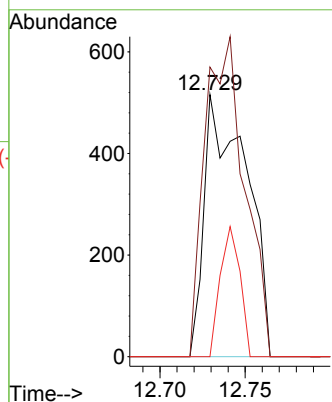
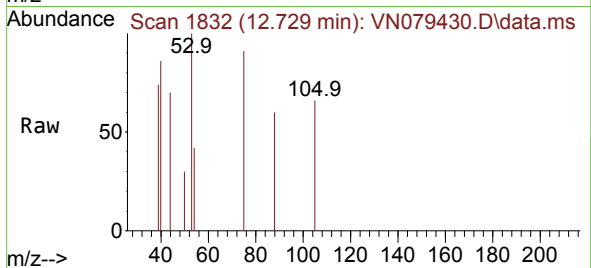




#81
trans-1,4-Dichloro-2-butene
Concen: 1.026 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

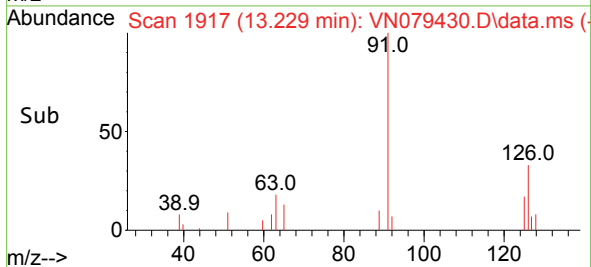
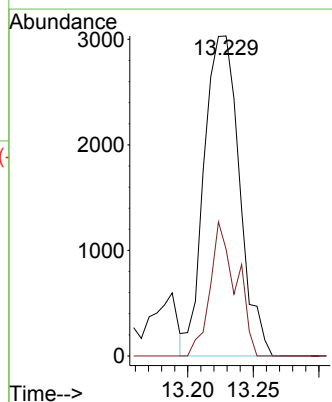
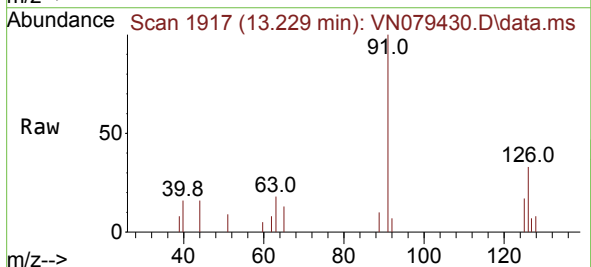
Instrument :
MSVOA_N
ClientSampleId :

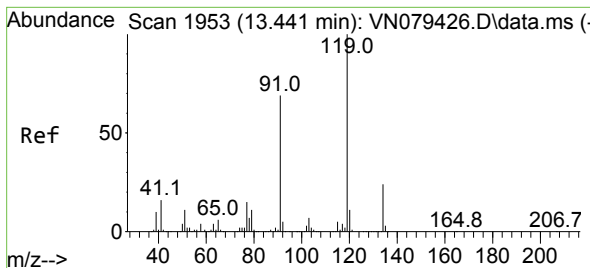
Tgt Ion: 75 Resp: 891
Ion Ratio Lower Upper
75 100
53 114.9 67.4 101.2#
89 23.1 38.8 58.2#



#82
4-Chlorotoluene
Concen: 1.016 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 91 Resp: 5692
Ion Ratio Lower Upper
91 100
126 31.1 16.7 50.0





#83

tert-Butylbenzene

Concen: 0.941 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

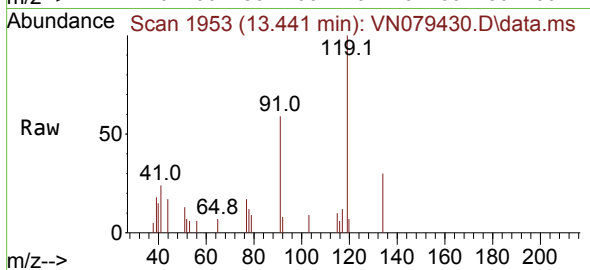
Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :



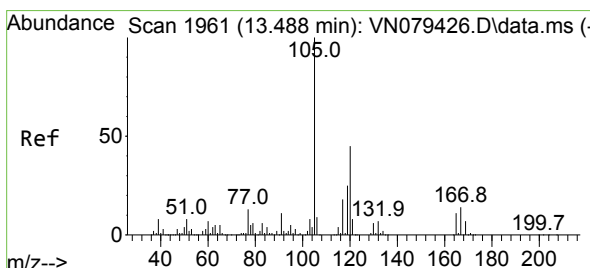
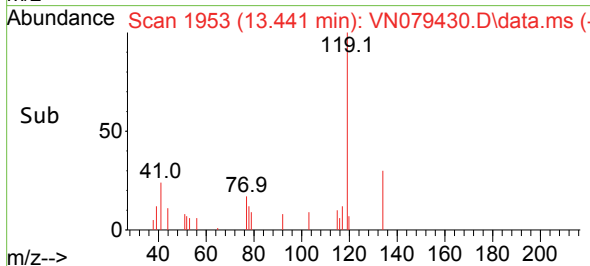
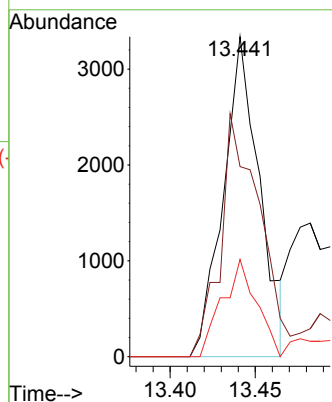
Tgt Ion:119 Resp: 4941

Ion Ratio Lower Upper

119 100

91 82.1 33.9 101.7

134 28.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 0.919 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079430.D

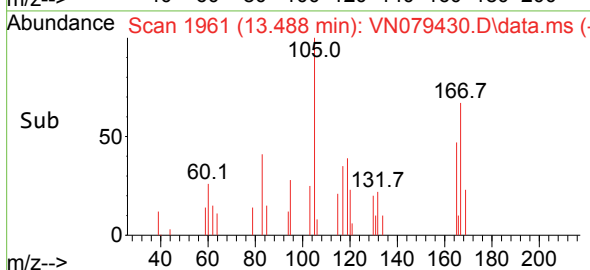
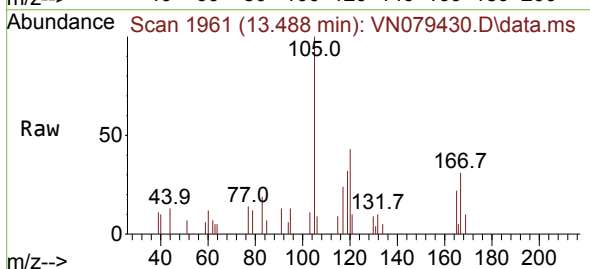
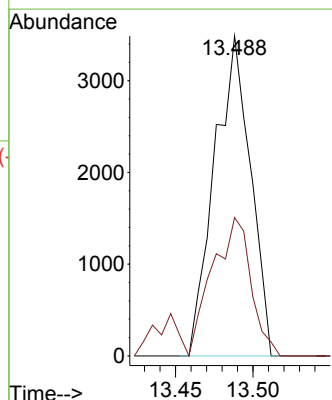
Acq: 05 Oct 2023 19:51

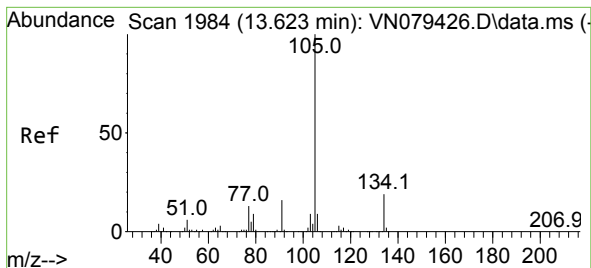
Tgt Ion:105 Resp: 5621

Ion Ratio Lower Upper

105 100

120 46.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.926 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

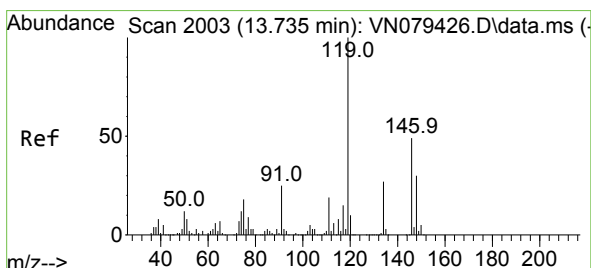
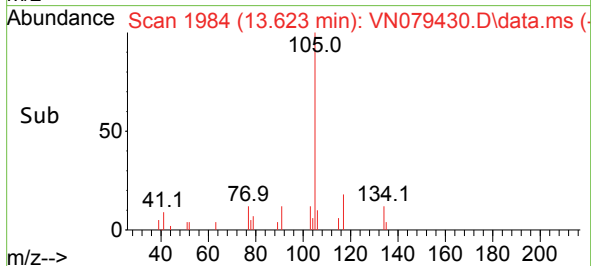
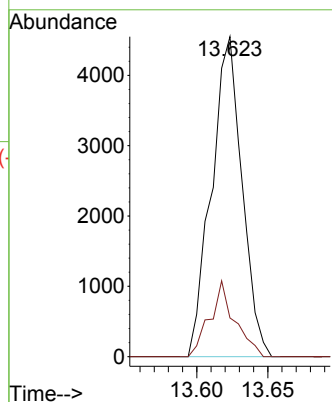
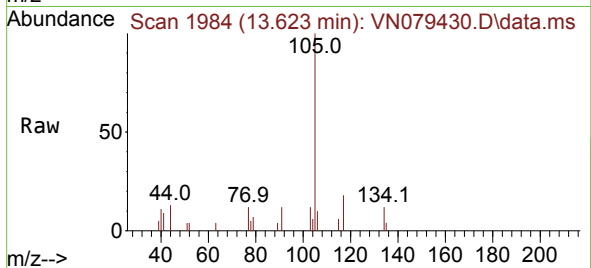
ClientSampleId :

Tgt Ion:105 Resp: 6788

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.889 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

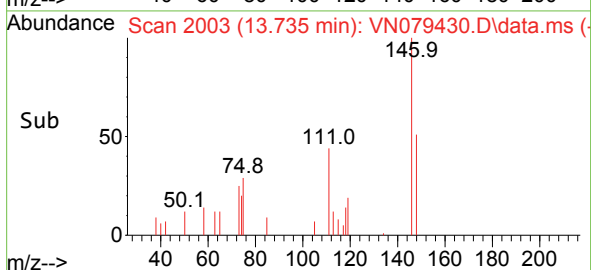
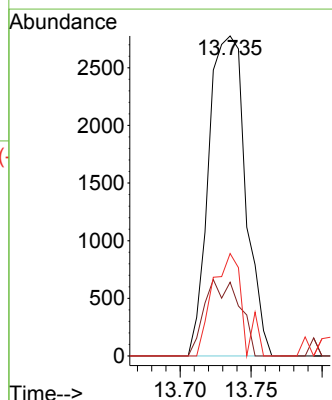
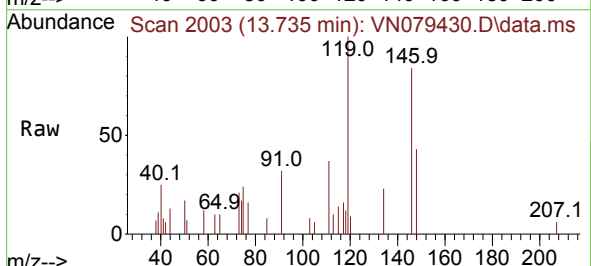
Tgt Ion:119 Resp: 4997

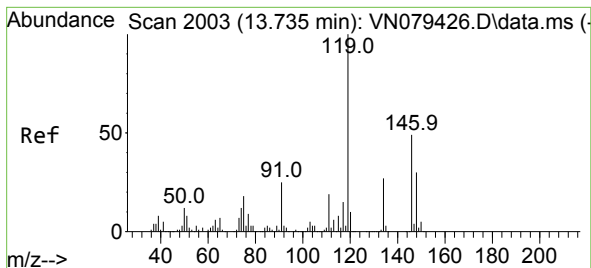
Ion Ratio Lower Upper

119 100

134 22.7 12.6 37.8

91 26.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.099 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

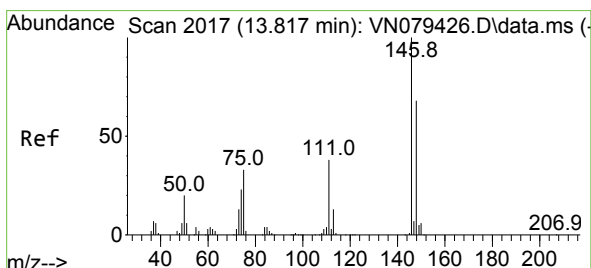
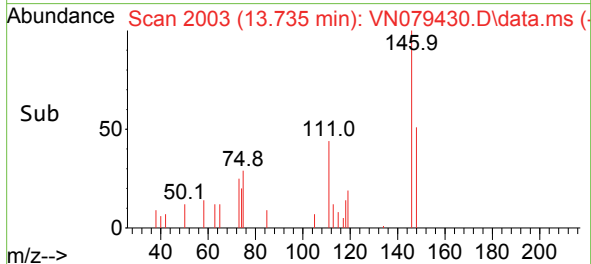
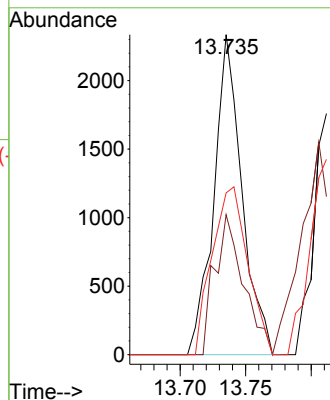
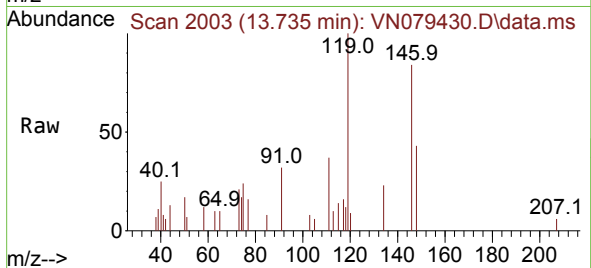
Tgt Ion:146 Resp: 3474

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.3

148 66.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 1.064 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.082 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

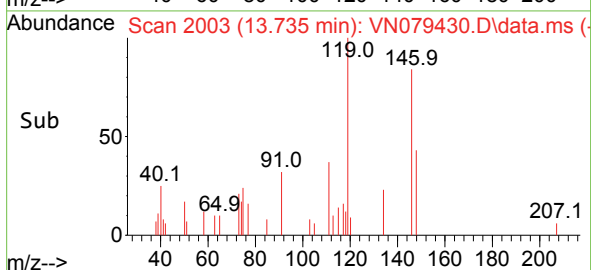
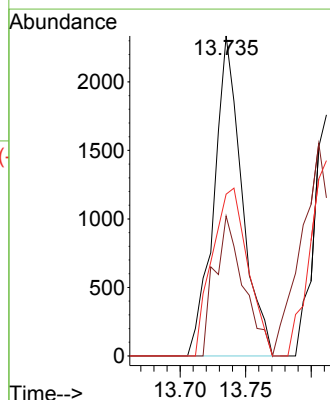
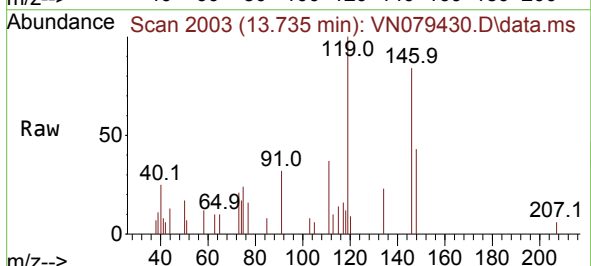
Tgt Ion:146 Resp: 3474

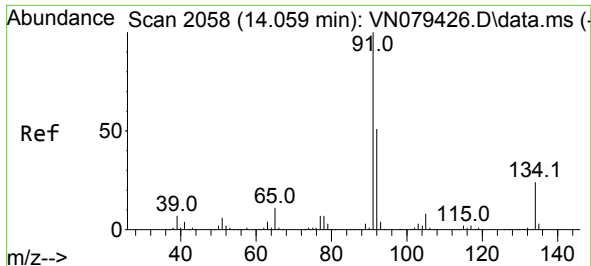
Ion Ratio Lower Upper

146 100

111 44.9 20.6 61.8

148 66.9 31.6 94.8

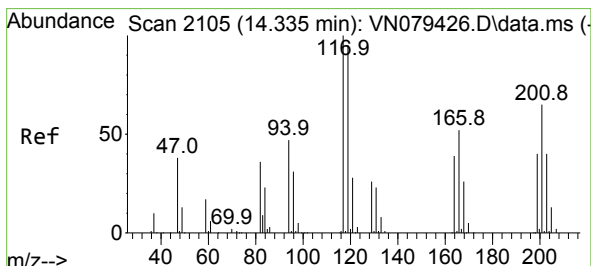
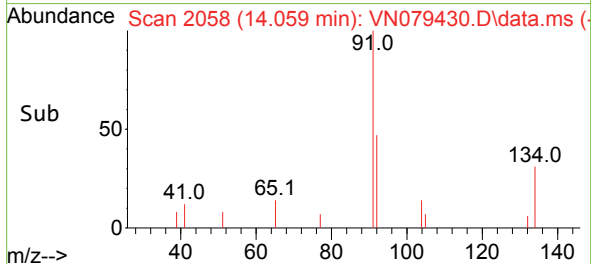
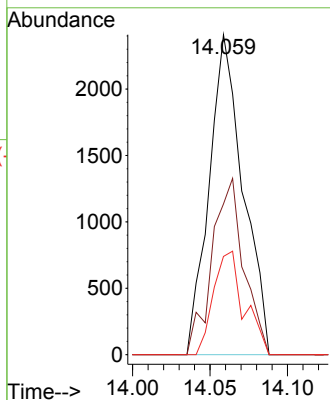
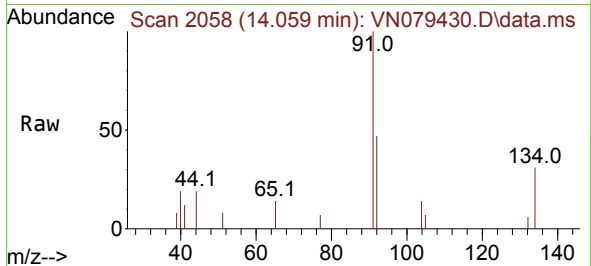




#89
n-Butylbenzene
Concen: 0.820 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

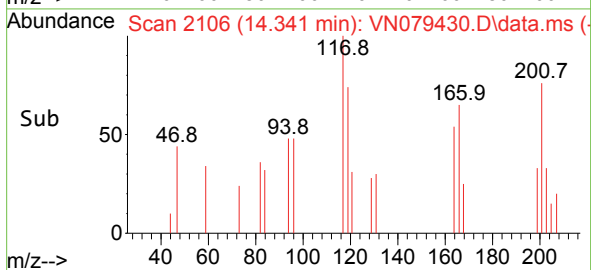
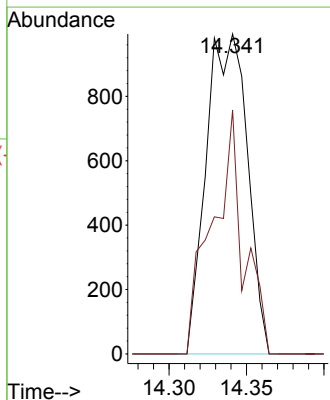
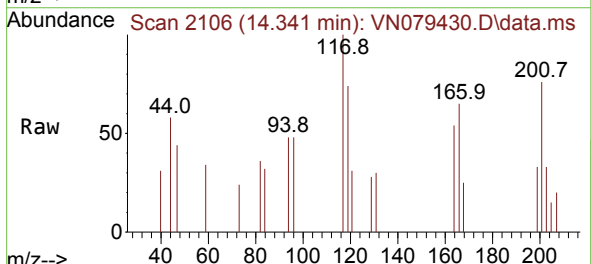
Instrument :
MSVOA_N
ClientSampleId :

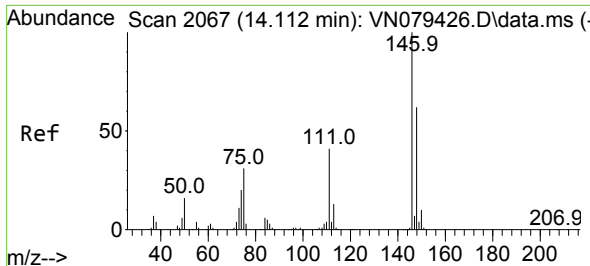
Tgt Ion: 91 Resp: 3679
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 29.0 12.6 37.6



#90
Hexachloroethane
Concen: 0.569 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

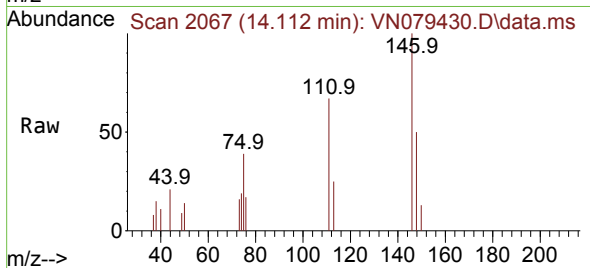
Tgt Ion: 117 Resp: 1829
Ion Ratio Lower Upper
117 100
201 58.1 29.3 88.0



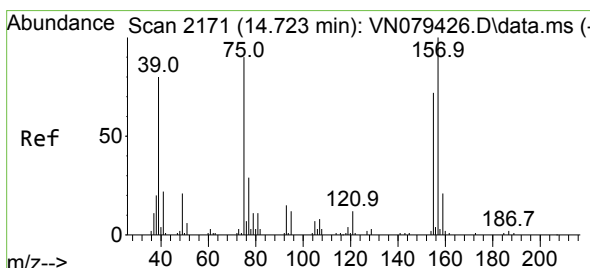
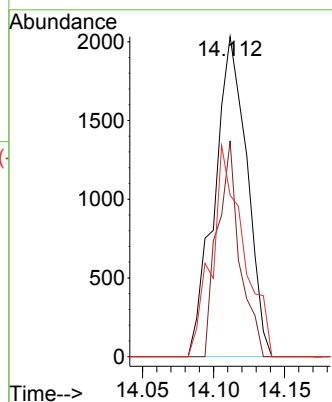
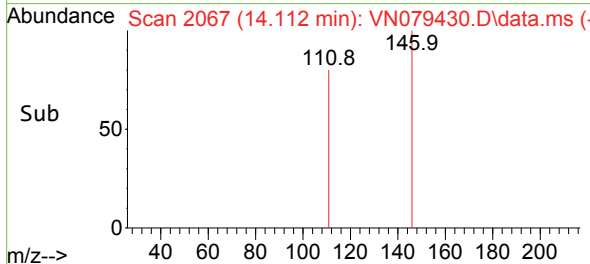


#91
1,2-Dichlorobenzene
Concen: 1.048 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

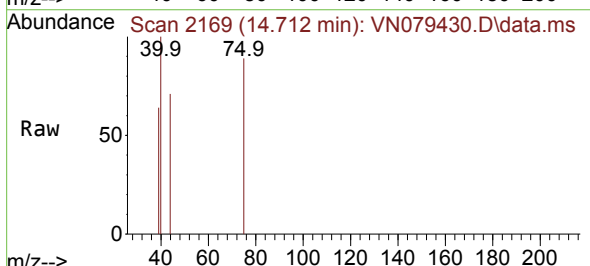
Instrument :
MSVOA_N
ClientSampleId :



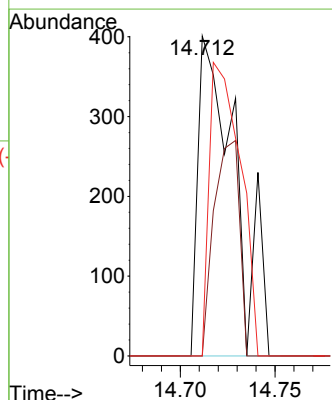
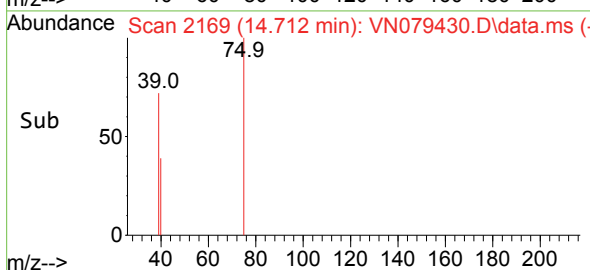
Tgt Ion:146 Resp: 3232
Ion Ratio Lower Upper
146 100
111 46.3 22.0 66.0
148 64.4 31.8 95.3

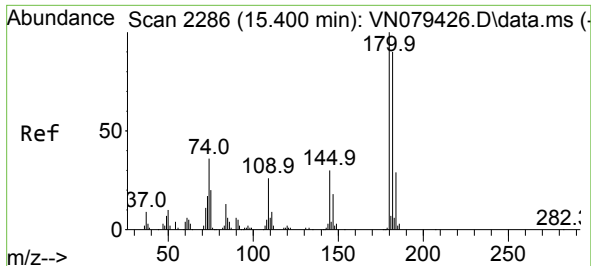


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.170 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



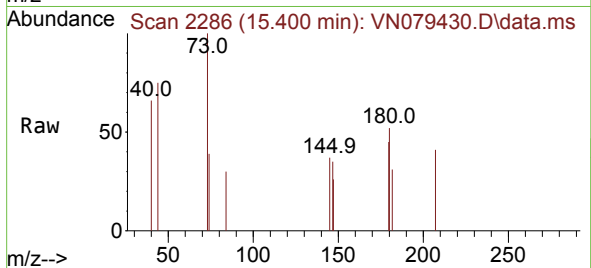
Tgt Ion: 75 Resp: 550
Ion Ratio Lower Upper
75 100
155 45.6 39.1 117.2
157 76.5 50.3 150.9



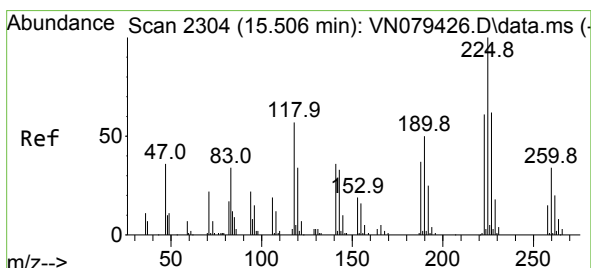
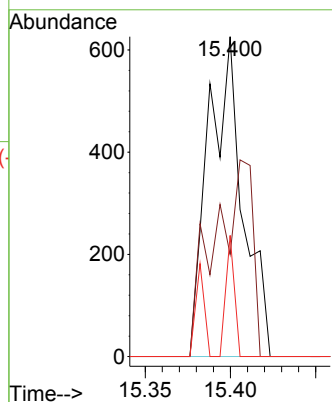
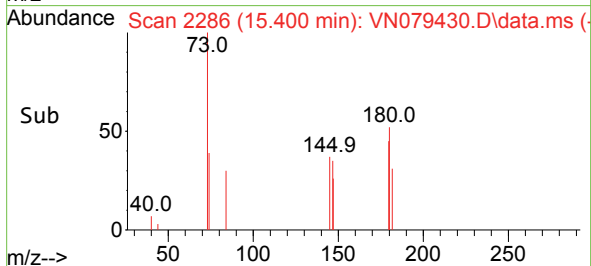


#93
1,2,4-Trichlorobenzene
Concen: 0.919 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

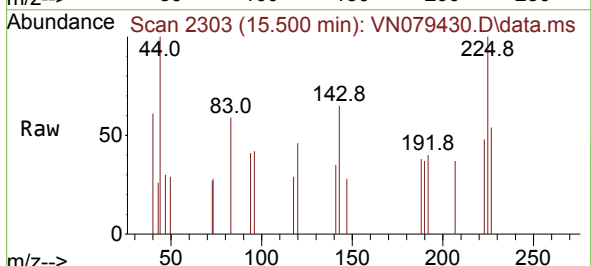
Instrument :
MSVOA_N
ClientSampleId :



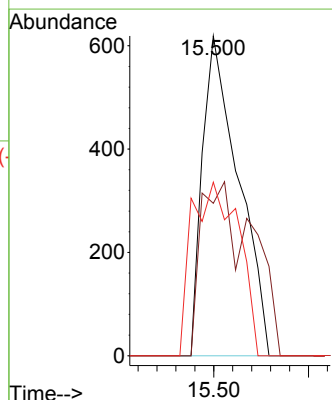
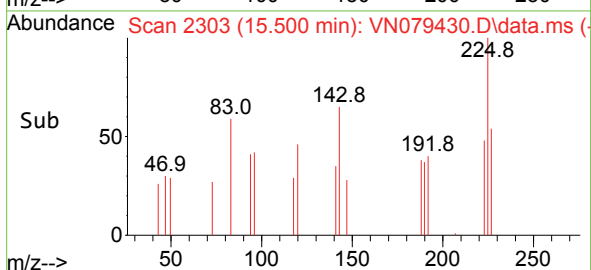
Tgt Ion:180 Resp: 878
Ion Ratio Lower Upper
180 100
182 67.4 46.1 138.2
145 9.6 16.6 49.8#

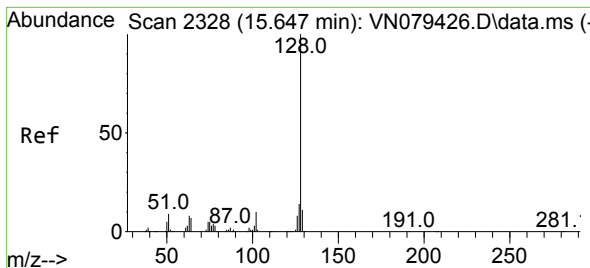


#94
Hexachlorobutadiene
Concen: 1.098 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



Tgt Ion:225 Resp: 817
Ion Ratio Lower Upper
225 100
223 77.1 31.3 93.8
227 70.5 31.9 95.9





#95

Naphthalene

Concen: 1.055 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

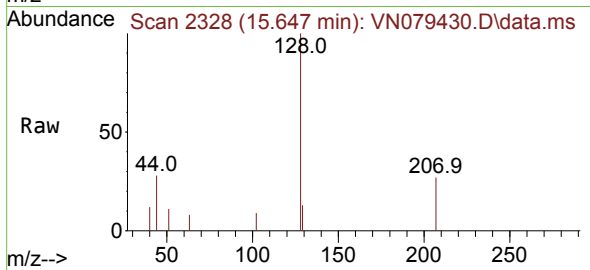
Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

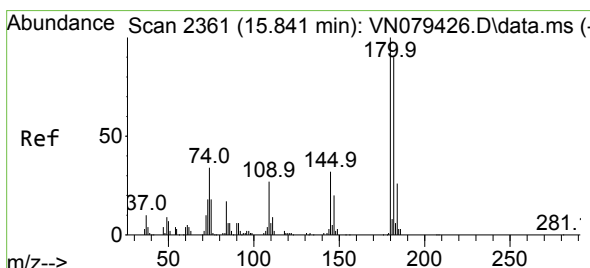
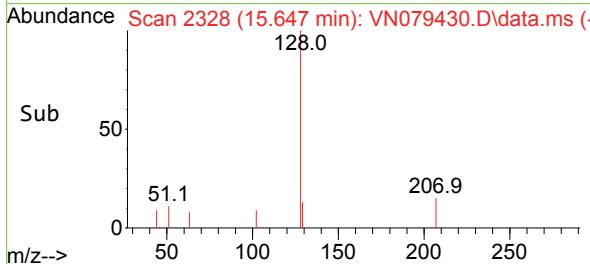
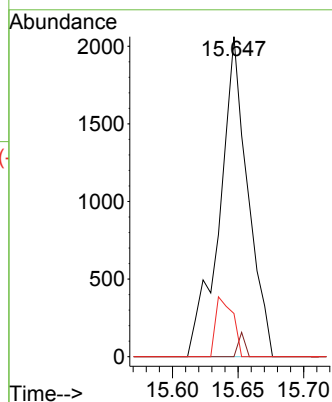
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128	Resp:	3077
Ion	Ratio	Lower Upper
128	100	
127	1.8	10.0 15.0#
129	11.3	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.142 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Tgt Ion:180	Resp:	1302
Ion	Ratio	Lower Upper
180	100	
182	82.3	46.2 138.6
145	4.8	17.5 52.6#

