

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079461.D
 Acq On : 09 Oct 2023 10:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 23:10:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	247190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	428232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	390957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169650	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	200224	49.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.920%
35) Dibromofluoromethane	8.171	113	156833	50.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.920%
50) Toluene-d8	10.570	98	590668	53.046	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.100%
62) 4-Bromofluorobenzene	12.853	95	191736	53.656	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	172734	48.766	ug/l	99
3) Chloromethane	2.365	50	187719	42.473	ug/l	98
4) Vinyl Chloride	2.518	62	212913	46.314	ug/l	97
5) Bromomethane	2.942	94	120215	43.682	ug/l	97
6) Chloroethane	3.118	64	142988	41.256	ug/l	98
7) Trichlorofluoromethane	3.494	101	252732	46.562	ug/l	100
8) Diethyl Ether	3.959	74	94704	48.941	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.377	101	142072	44.790	ug/l	99
10) Methyl Iodide	4.589	142	162940	59.198	ug/l	99
11) Tert butyl alcohol	5.524	59	112410	186.346	ug/l	96
12) 1,1-Dichloroethene	4.341	96	136460	46.724	ug/l	87
13) Acrolein	4.177	56	132364	220.366	ug/l	100
14) Allyl chloride	5.030	41	239835	50.887	ug/l #	90
15) Acrylonitrile	5.724	53	400646	229.088	ug/l	99
16) Acetone	4.424	43	393205	247.345	ug/l	94
17) Carbon Disulfide	4.712	76	412166	45.243	ug/l	99
18) Methyl Acetate	5.024	43	325056	41.777	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	475715	50.131	ug/l	94
20) Methylene Chloride	5.277	84	164986	47.362	ug/l #	83
21) trans-1,2-Dichloroethene	5.788	96	152996	44.852	ug/l #	77
22) Diisopropyl ether	6.671	45	526482	49.816	ug/l #	92
23) Vinyl Acetate	6.606	43	1518895	255.502	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	299804	46.352	ug/l	97
25) 2-Butanone	7.488	43	541631	229.557	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	248809	50.336	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	179078	48.324	ug/l	86
28) Bromochloromethane	7.818	49	152803	49.652	ug/l #	75
29) Tetrahydrofuran	7.841	42	340441	223.098	ug/l #	76
30) Chloroform	7.971	83	308220	47.164	ug/l	93
31) Cyclohexane	8.259	56	251711	44.275	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	259127	47.117	ug/l	96
36) 1,1-Dichloropropene	8.371	75	233533	50.562	ug/l	93
37) Ethyl Acetate	7.565	43	221482	48.191	ug/l #	89
38) Carbon Tetrachloride	8.365	117	225425	48.752	ug/l	99
39) Methylcyclohexane	9.606	83	233788	52.684	ug/l	89
40) Benzene	8.612	78	672272	49.010	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	121219	50.170	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	242625	48.678	ug/l	97
43) Isopropyl Acetate	8.694	43	376046	46.704	ug/l #	88
44) Trichloroethene	9.353	130	157556	48.801	ug/l	93
45) 1,2-Dichloropropane	9.623	63	177374	49.078	ug/l	96
46) Dibromomethane	9.712	93	118498	50.625	ug/l	95
47) Bromodichloromethane	9.894	83	245776	51.045	ug/l	99
48) Methyl methacrylate	9.682	41	166686	48.310	ug/l #	83
49) 1,4-Dioxane	9.700	88	59539	936.832	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1084703	238.647	ug/l	90
52) Toluene	10.635	92	414328	51.314	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	259237	53.426	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	277512	52.245	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	163624	50.477	ug/l	95
56) Ethyl methacrylate	10.876	69	238426	53.527	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	288547	51.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	493076	289.048	ug/l	89
59) 2-Hexanone	11.200	43	798757	243.534	ug/l	88
60) Dibromochloromethane	11.365	129	172561	52.968	ug/l	99
61) 1,2-Dibromoethane	11.470	107	160522	49.899	ug/l	97
64) Tetrachloroethene	11.106	164	123587	45.952	ug/l	97
65) Chlorobenzene	11.894	112	422922	48.575	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	158946	49.859	ug/l	98
67) Ethyl Benzene	11.965	91	782460	51.705	ug/l	97
68) m/p-Xylenes	12.076	106	588430	107.015	ug/l	94
69) o-Xylene	12.400	106	279226	51.636	ug/l	91
70) Styrene	12.417	104	476733	55.814	ug/l	99
71) Bromoform	12.582	173	112872	48.377	ug/l #	100
73) Isopropylbenzene	12.700	105	730962	46.313	ug/l	99
74) N-amyl acetate	12.500	43	297736	46.015	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	236662	46.368	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	285006	58.266	ug/l	73
77) Bromobenzene	12.982	156	166019	42.899	ug/l	95
78) n-propylbenzene	13.041	91	876651	49.093	ug/l	97
79) 2-Chlorotoluene	13.129	91	519413	45.456	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	611425	49.128	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	74102	43.956	ug/l	86
82) 4-Chlorotoluene	13.223	91	505604	46.499	ug/l	99
83) tert-Butylbenzene	13.441	119	487995	47.858	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	603945	50.849	ug/l	99
85) sec-Butylbenzene	13.617	105	715790	50.327	ug/l	99
86) p-Isopropyltoluene	13.735	119	579756	53.135	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	296906	48.371	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	289985	45.754	ug/l	99
89) n-Butylbenzene	14.058	91	474798	54.493	ug/l	99
90) Hexachloroethane	14.335	117	111746	50.456	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	284482	47.515	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36829	40.354	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	97143	52.387	ug/l	97
94) Hexachlorobutadiene	15.505	225	66696	46.181	ug/l	98
95) Naphthalene	15.647	128	254824	45.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	106232	48.007	ug/l	98

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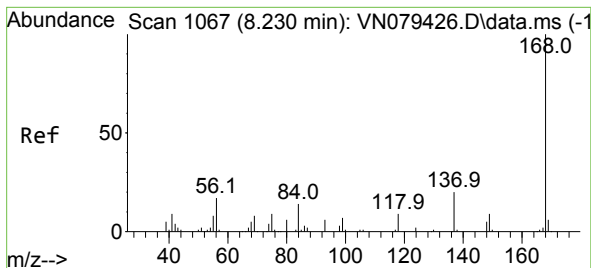
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

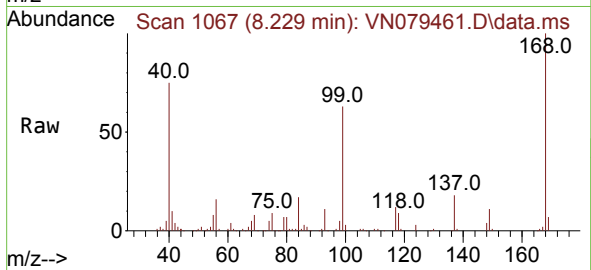
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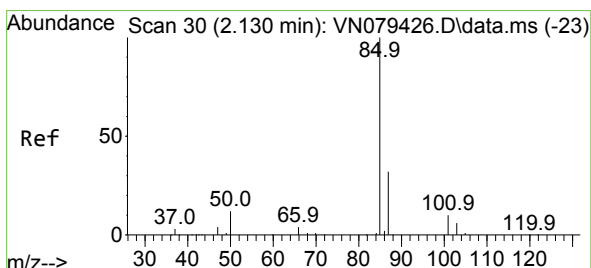
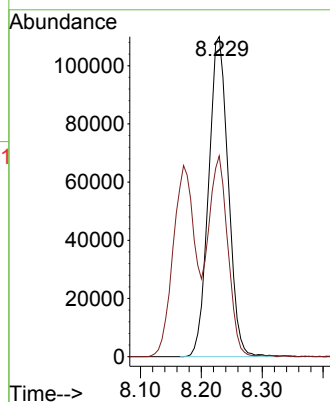
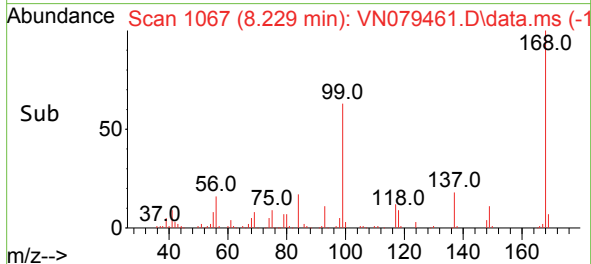


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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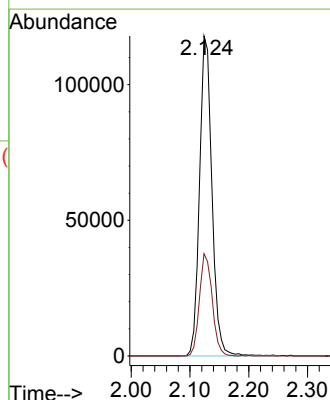
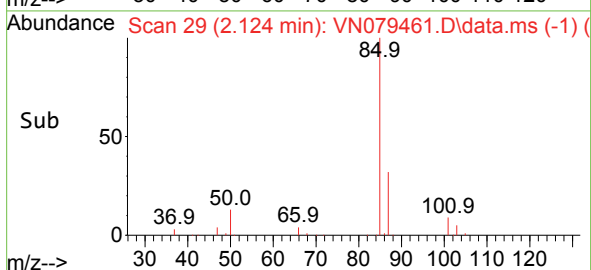
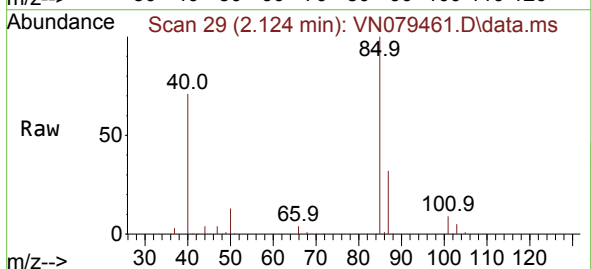


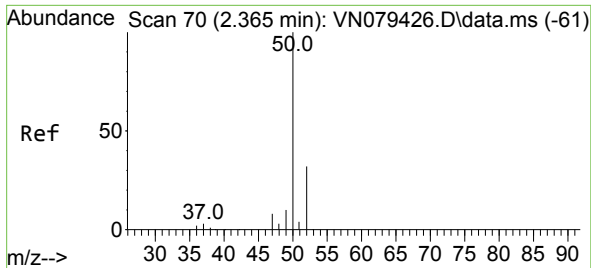
Tgt Ion:168 Resp: 247190
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 48.766 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 85 Resp: 172734
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4

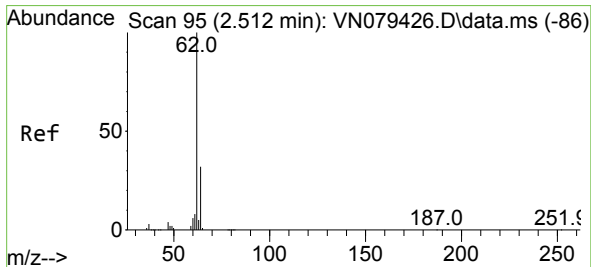
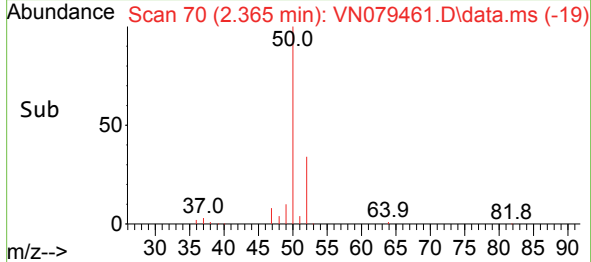
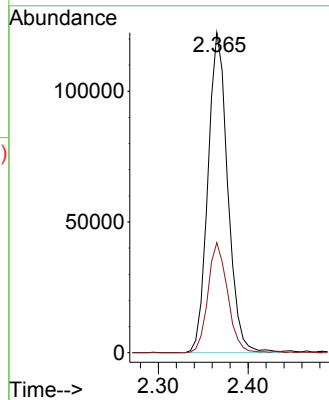
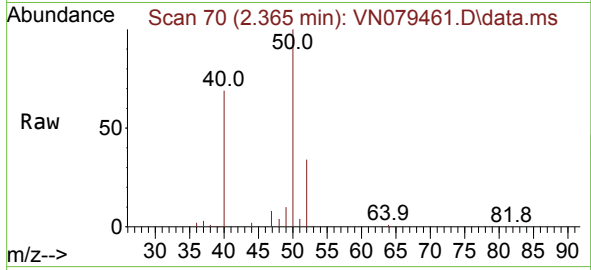




#3
Chloromethane
Concen: 42.473 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

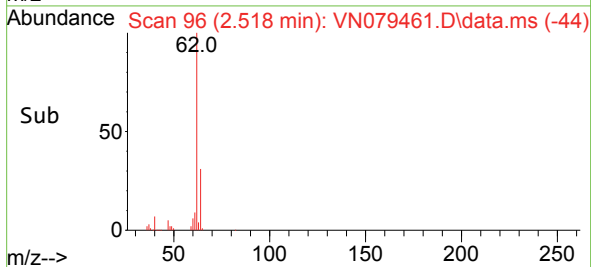
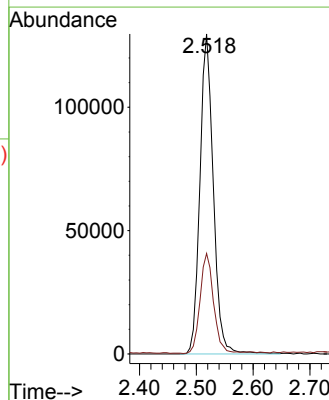
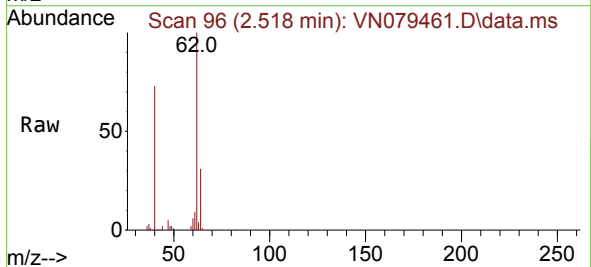
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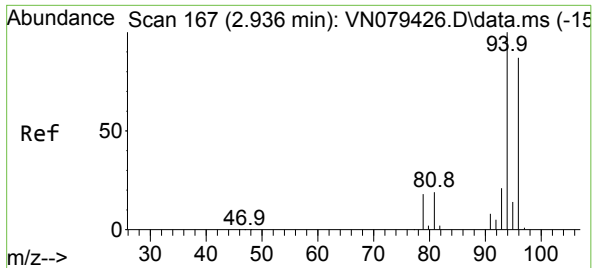
Tgt Ion: 50 Resp: 187719
Ion Ratio Lower Upper
50 100
52 34.4 26.5 39.7



#4
Vinyl Chloride
Concen: 46.314 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 62 Resp: 212913
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2

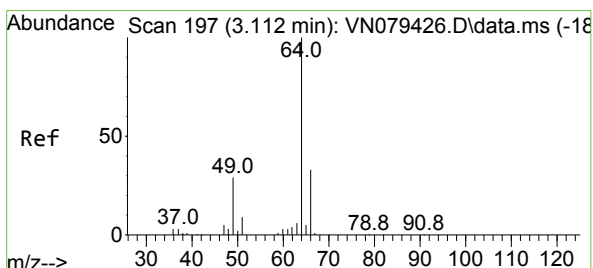
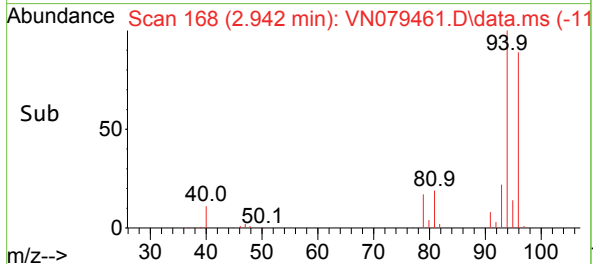
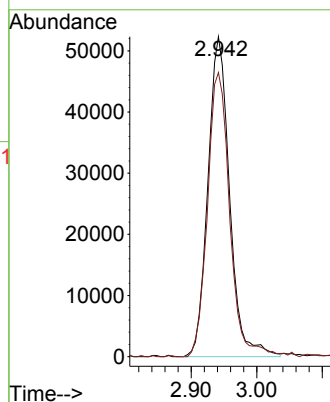
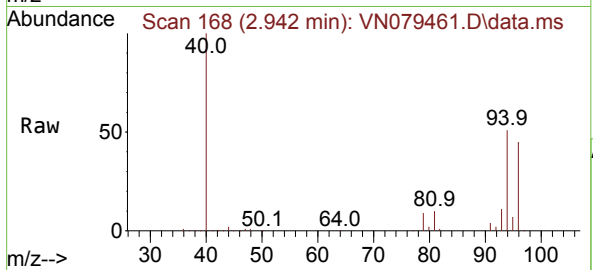




#5
Bromomethane
Concen: 43.682 ug/l
RT: 2.942 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079461.D
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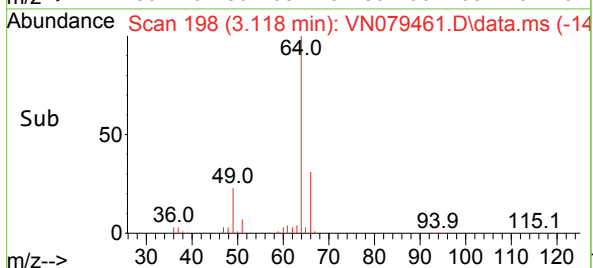
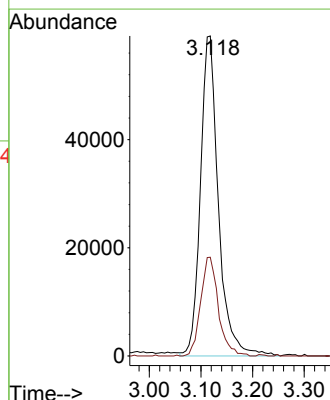
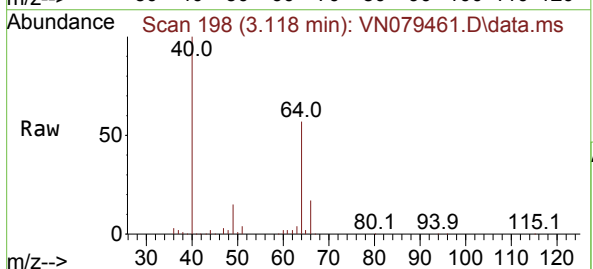
Instrument :
MSVOA_N
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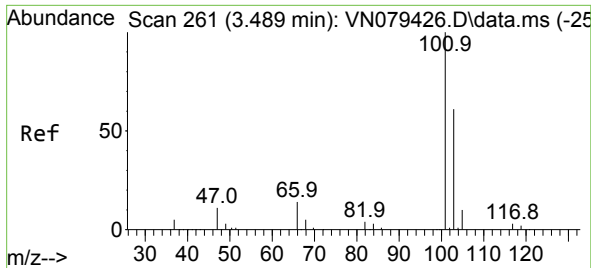
Tgt Ion: 94 Resp: 120215
Ion Ratio Lower Upper
94 100
96 88.8 73.1 109.7



#6
Chloroethane
Concen: 41.256 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

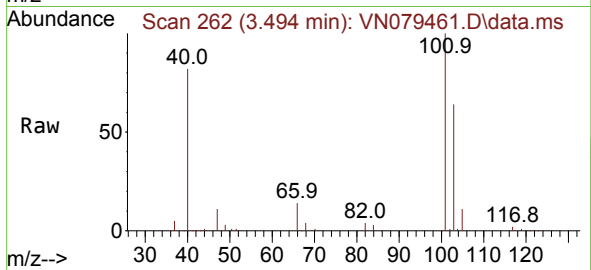
Tgt Ion: 64 Resp: 142988
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.2



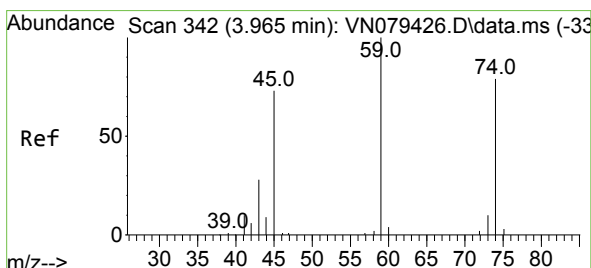
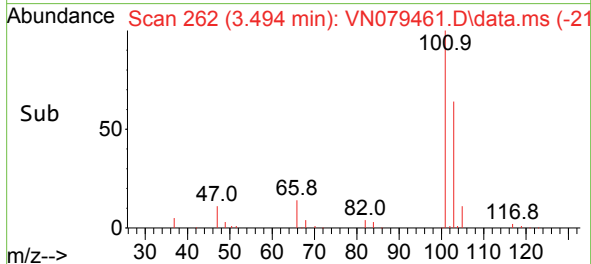
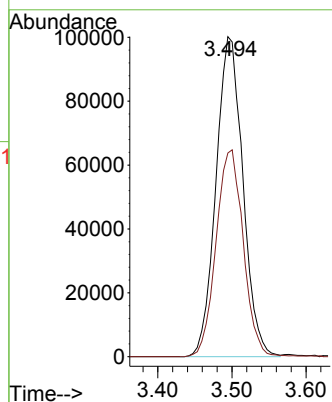


#7
 Trichlorofluoromethane
 Concen: 46.562 ug/l
 RT: 3.494 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079461.D
 Acq: 09 Oct 2023 10:27

Instrument :
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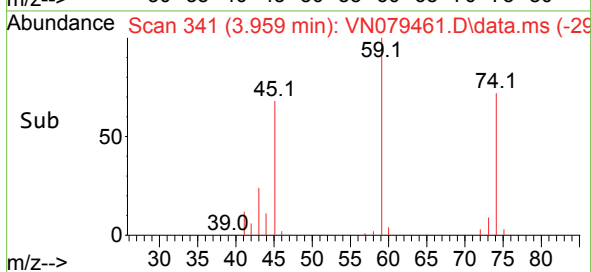
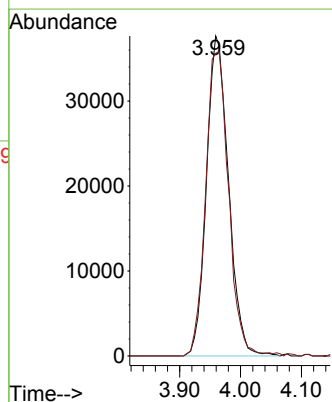
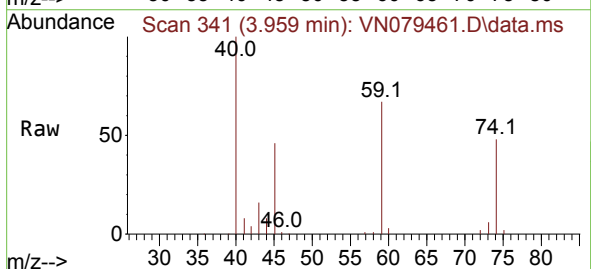


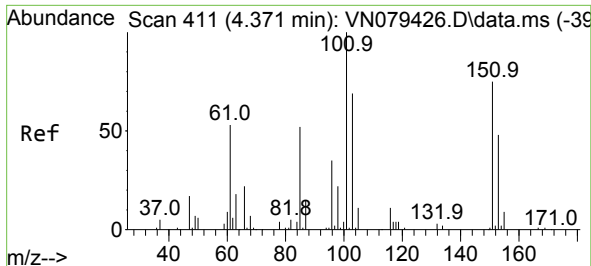
Tgt Ion:101 Resp: 252732
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 48.941 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079461.D
 Acq: 09 Oct 2023 10:27

Tgt Ion: 74 Resp: 94704
 Ion Ratio Lower Upper
 74 100
 45 99.1 34.4 103.3

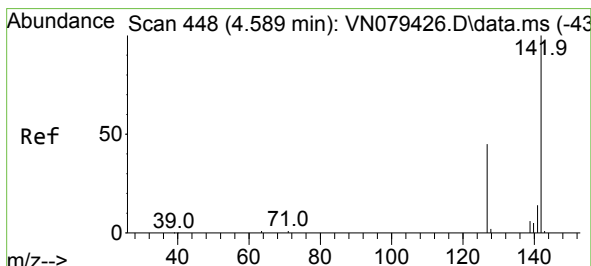
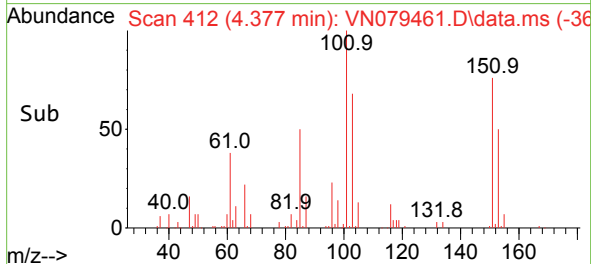
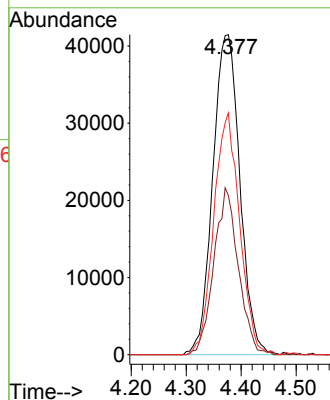
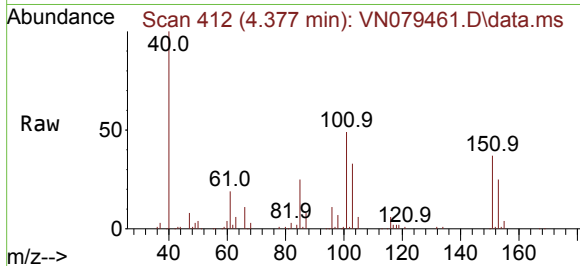




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.790 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
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Acq: 09 Oct 2023 10:27

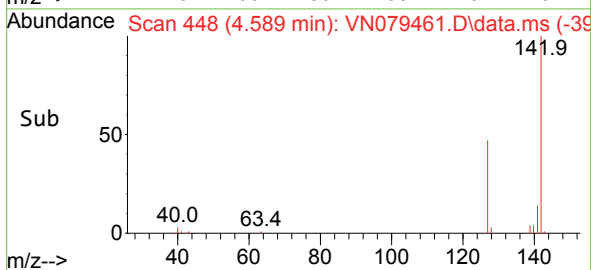
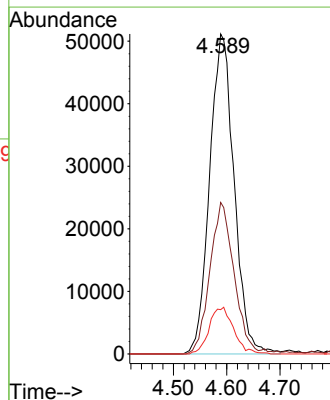
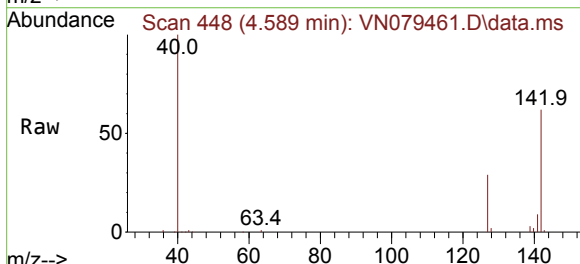
Instrument :
MSVOA_N
ClientSampleId :

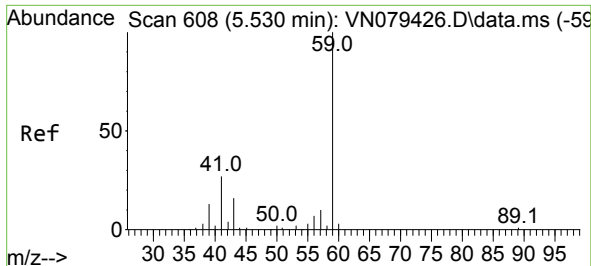
Tgt Ion:101 Resp: 142072
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 72.2 57.6 86.4



#10
Methyl Iodide
Concen: 59.198 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion:142 Resp: 162940
Ion Ratio Lower Upper
142 100
127 47.3 37.6 56.4
141 13.9 11.4 17.0

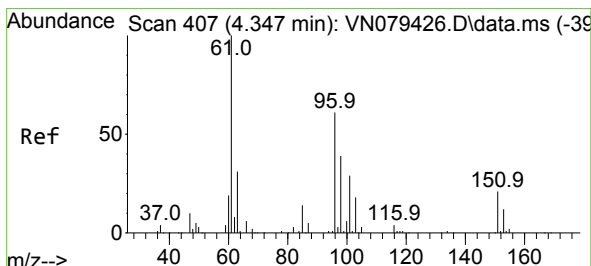
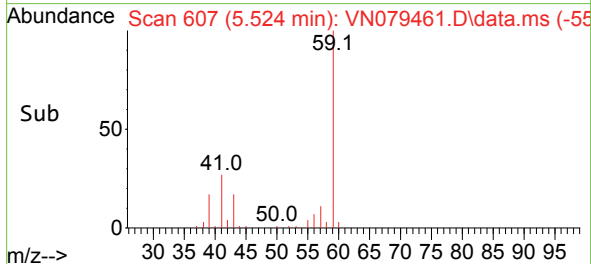
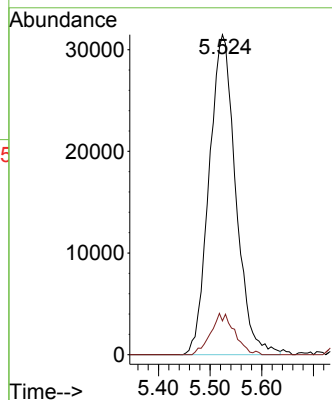
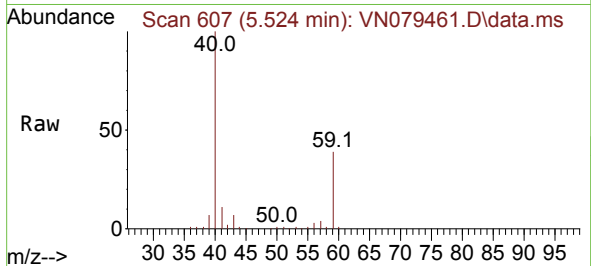




#11
Tert butyl alcohol
Concen: 186.346 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

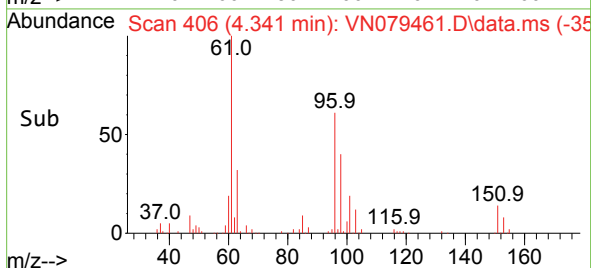
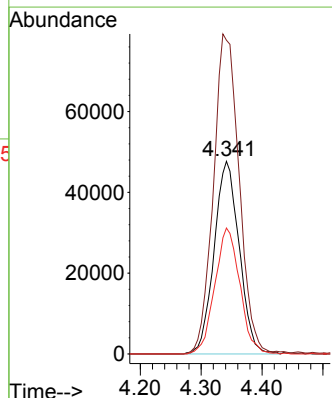
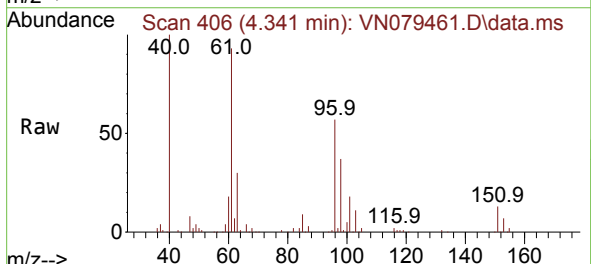
Instrument :
MSVOA_N
ClientSampleId :

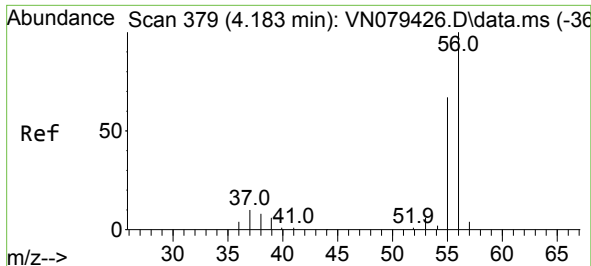
Tgt Ion: 59 Resp: 112410
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.724 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 96 Resp: 136460
Ion Ratio Lower Upper
96 100
61 162.9 112.7 169.1
98 65.3 51.2 76.8





#13

Acrolein

Concen: 220.366 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

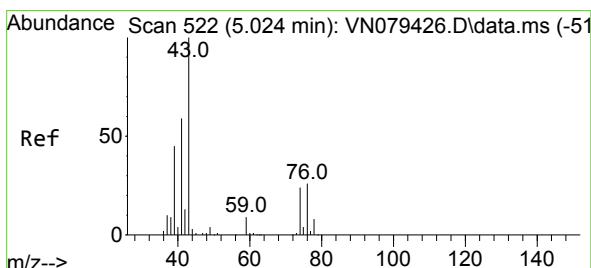
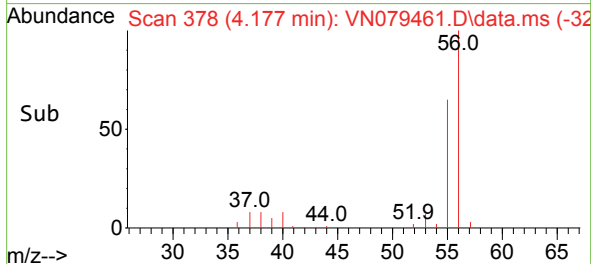
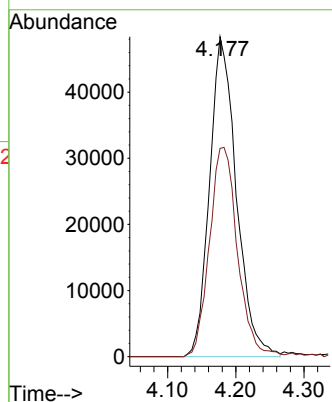
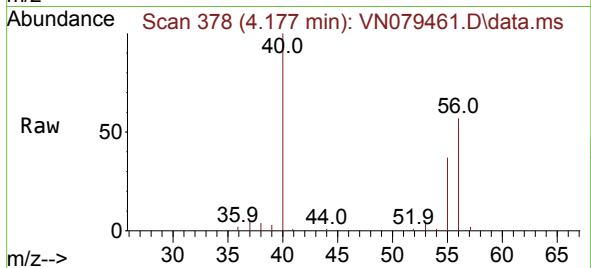
ClientSampleId :

Tgt Ion: 56 Resp: 132364

Ion Ratio Lower Upper

56 100

55 68.3 54.5 81.7



#14

Allyl chloride

Concen: 50.887 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

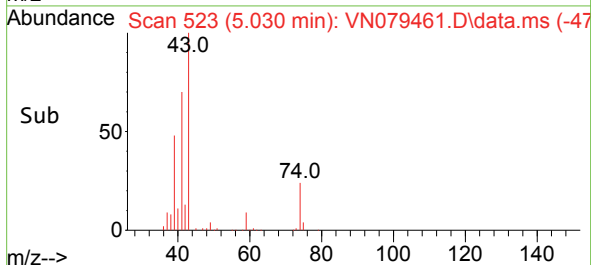
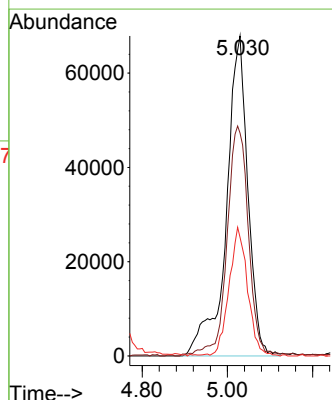
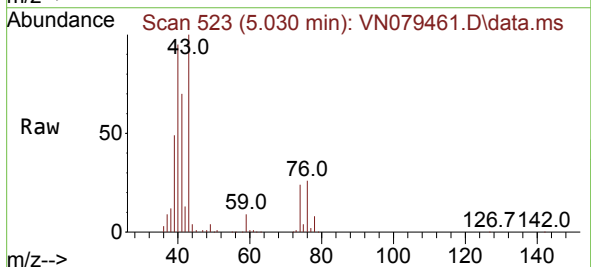
Tgt Ion: 41 Resp: 239835

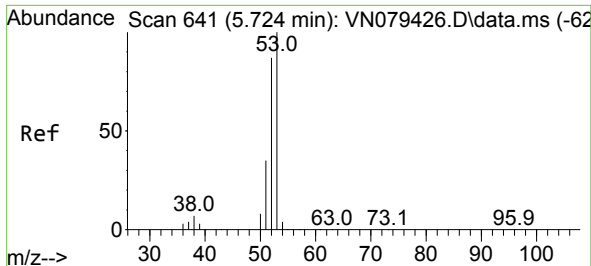
Ion Ratio Lower Upper

41 100

39 70.8 58.8 88.2

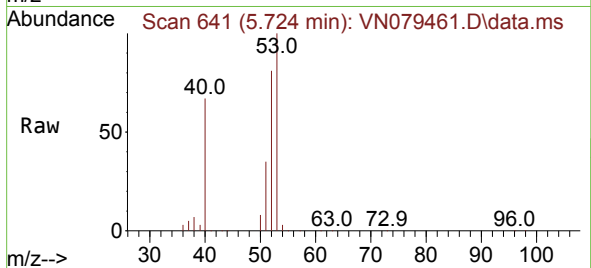
76 34.6 39.1 58.7#



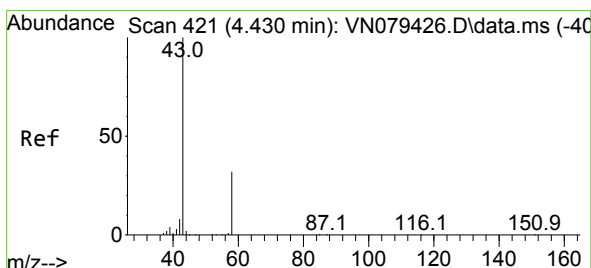
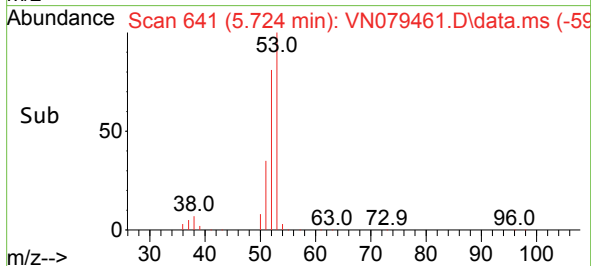
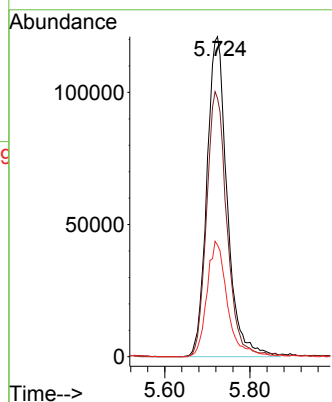


#15
Acrylonitrile
Concen: 229.088 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Instrument :
MSVOA_N
ClientSampleId :

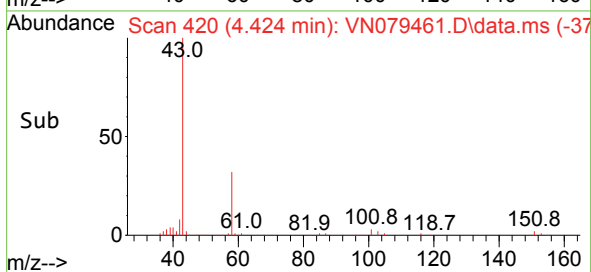
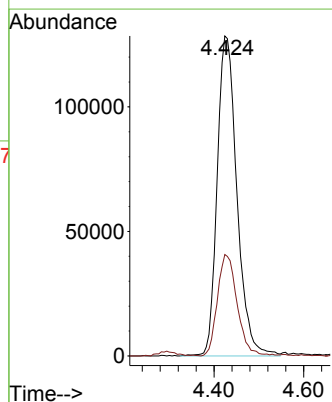
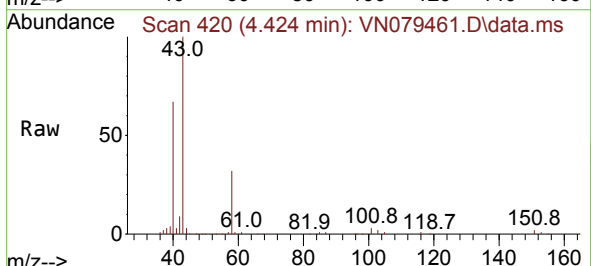


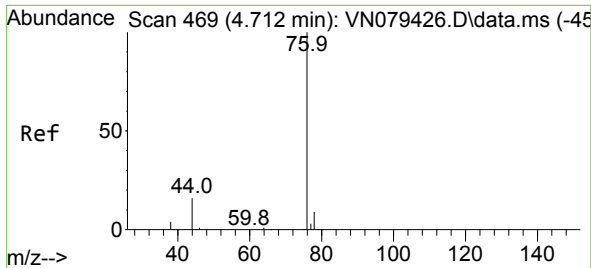
Tgt Ion: 53 Resp: 400646
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.4 28.9 43.3



#16
Acetone
Concen: 247.345 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 43 Resp: 393205
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0

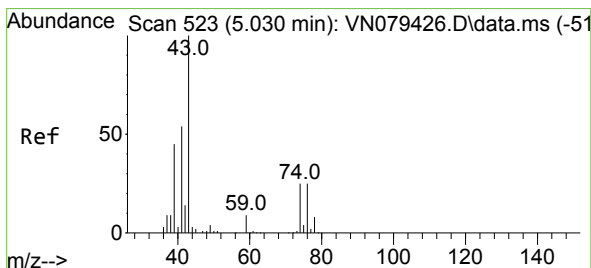
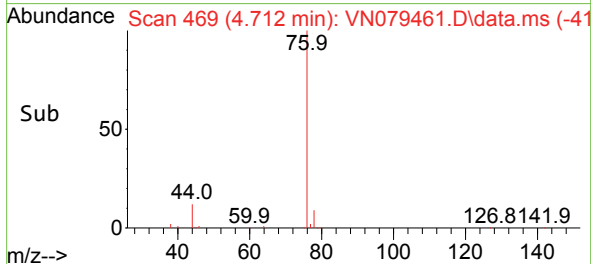
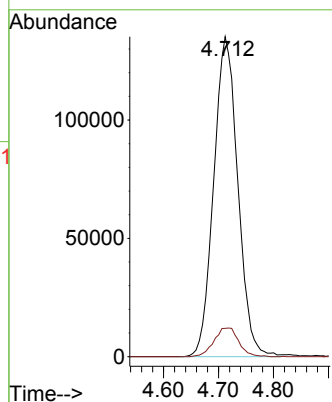
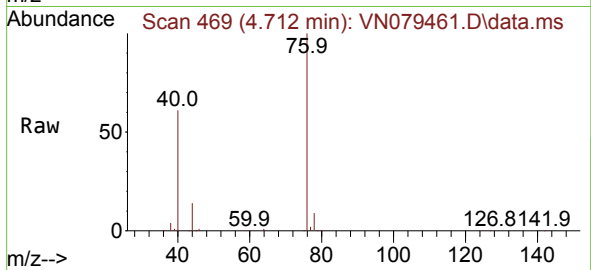




#17
Carbon Disulfide
Concen: 45.243 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

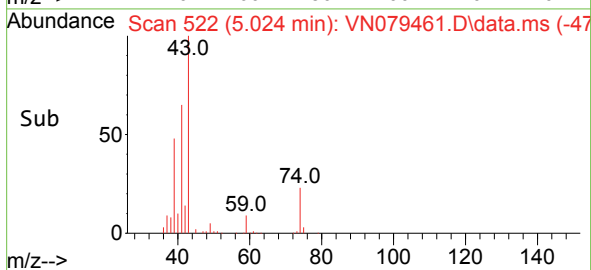
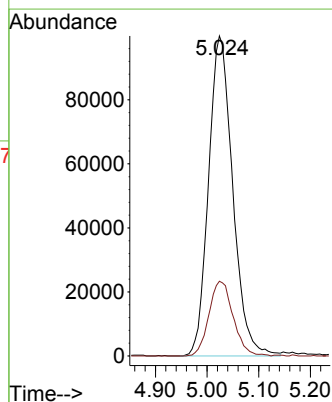
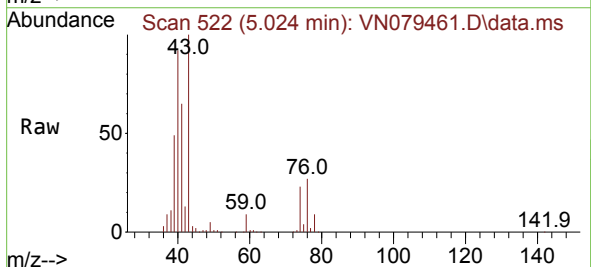
Instrument :
MSVOA_N
ClientSampleId :

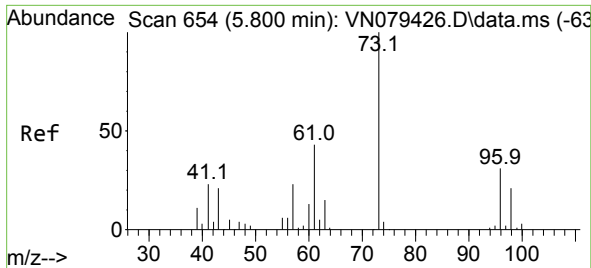
Tgt Ion: 76 Resp: 412166
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 41.777 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 43 Resp: 325056
Ion Ratio Lower Upper
43 100
74 23.3 26.2 39.4#

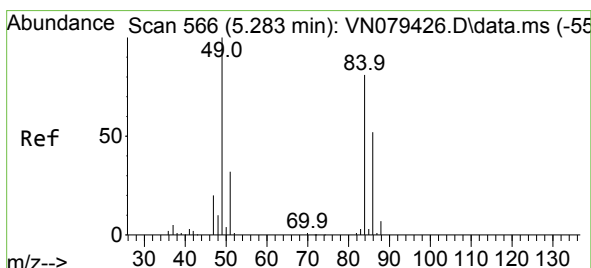
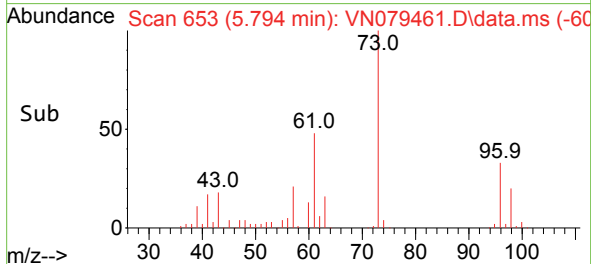
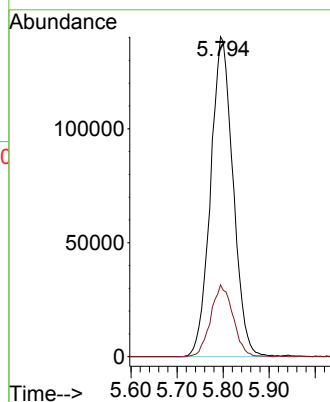
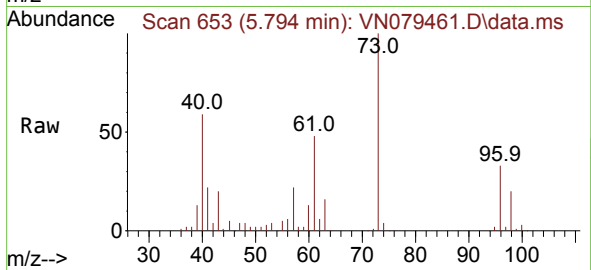




#19
Methyl tert-butyl Ether
Concen: 50.131 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

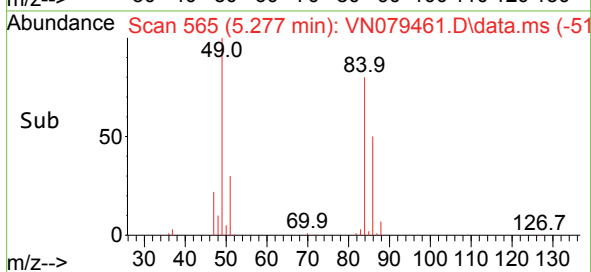
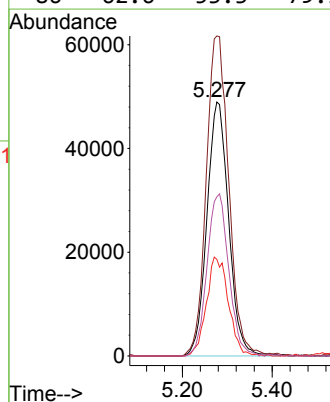
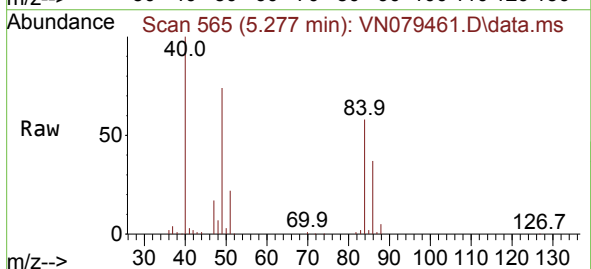
Instrument :
MSVOA_N
ClientSampleId :

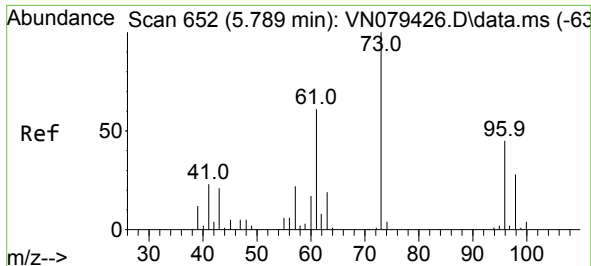
Tgt Ion: 73 Resp: 475715
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4



#20
Methylene Chloride
Concen: 47.362 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 84 Resp: 164986
Ion Ratio Lower Upper
84 100
49 126.0 79.7 119.5#
51 38.0 25.2 37.8#
86 62.6 53.3 79.9

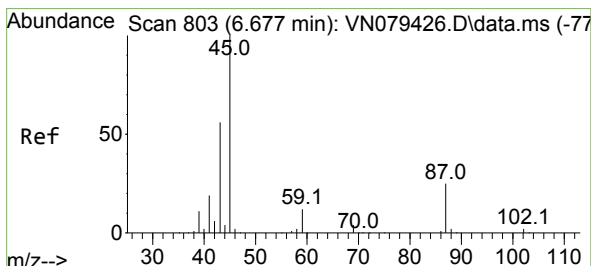
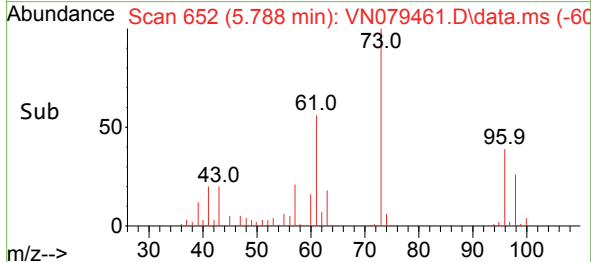
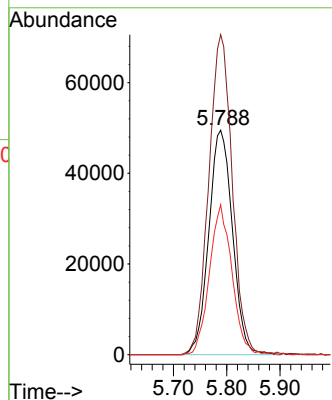
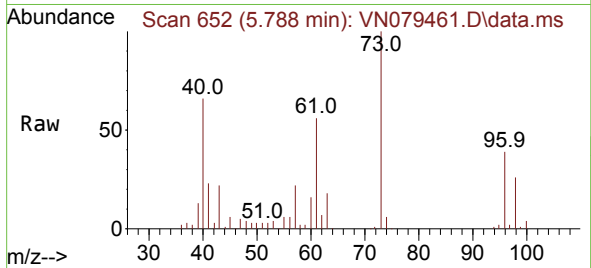




#21
trans-1,2-Dichloroethene
Concen: 44.852 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

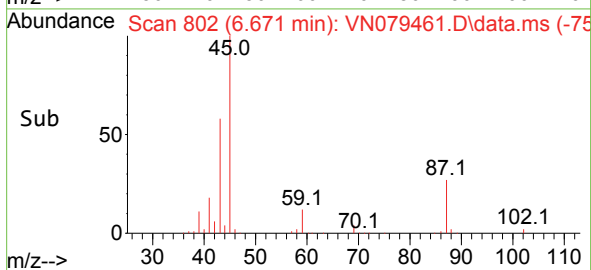
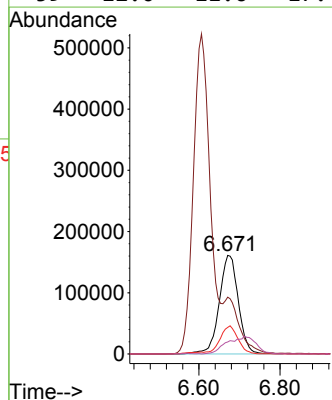
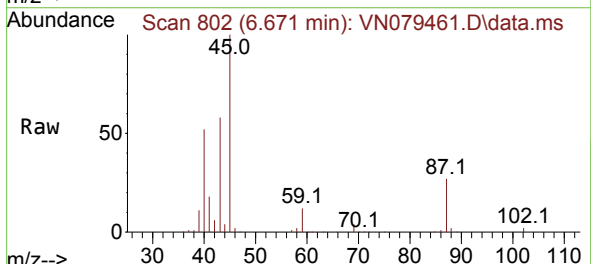
Instrument :
MSVOA_N
ClientSampleId :

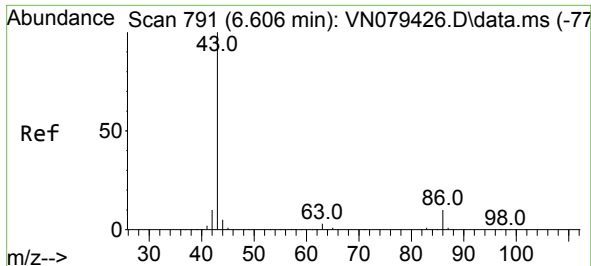
Tgt Ion: 96 Resp: 152996
Ion Ratio Lower Upper
96 100
61 142.6 90.1 135.1#
98 66.8 46.4 69.6



#22
Diisopropyl ether
Concen: 49.816 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 45 Resp: 526482
Ion Ratio Lower Upper
45 100
43 56.9 45.5 68.3
87 26.9 31.8 47.8#
59 12.0 11.6 17.4

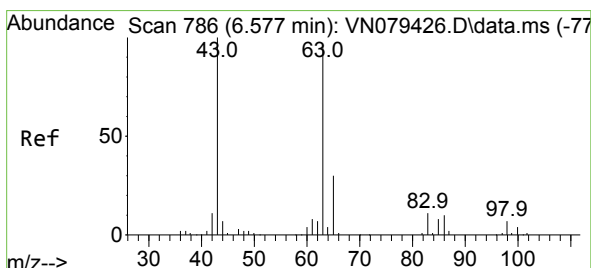
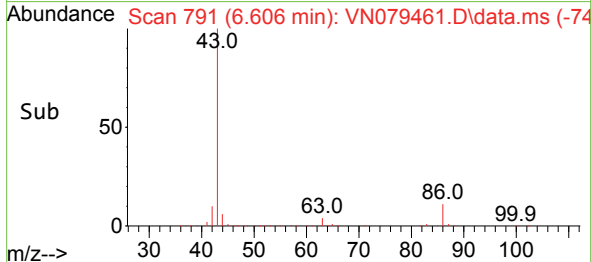
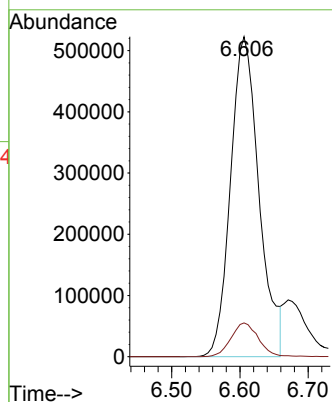
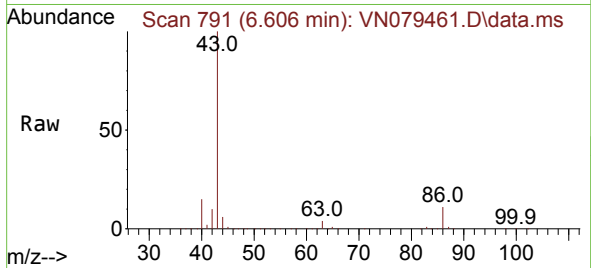




#23
 Vinyl Acetate
 Concen: 255.502 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079461.D
 Acq: 09 Oct 2023 10:27

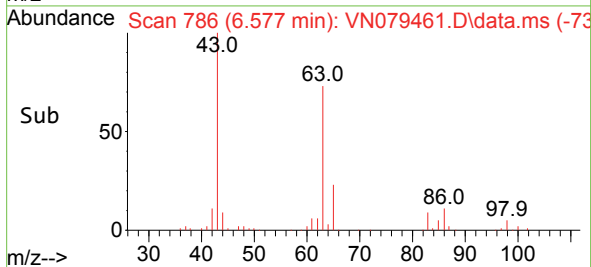
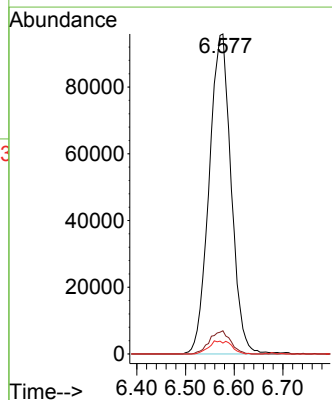
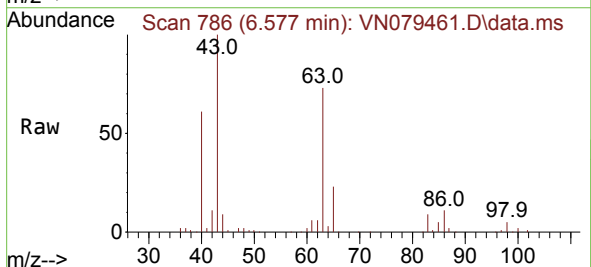
Instrument :
 MSVOA_N
 ClientSampleId :

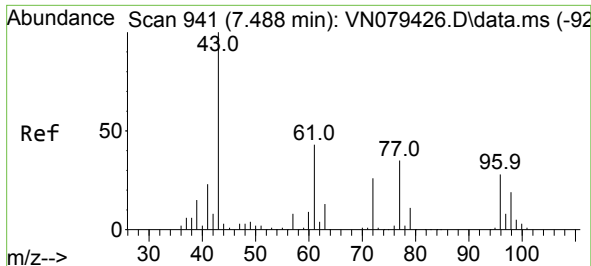
Tgt Ion: 43 Resp: 1518895
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 46.352 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079461.D
 Acq: 09 Oct 2023 10:27

Tgt Ion: 63 Resp: 299804
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 3.4 2.5 7.4

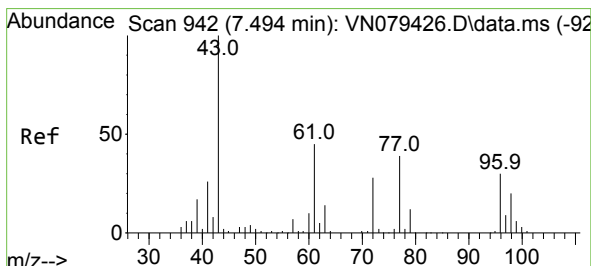
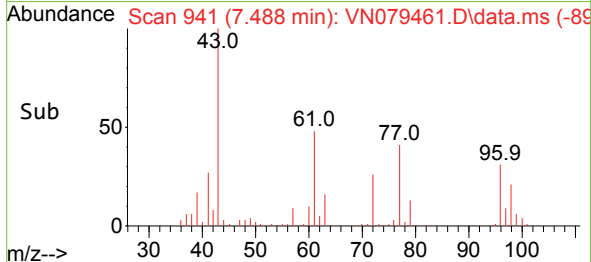
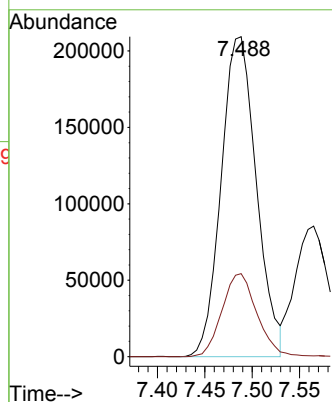
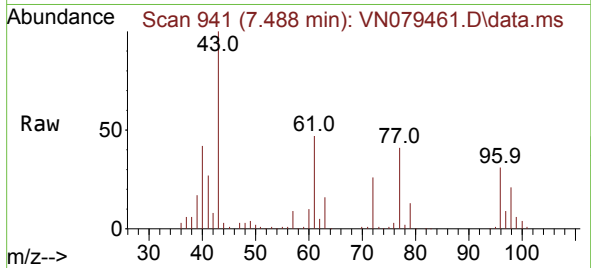




#25
2-Butanone
Concen: 229.557 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

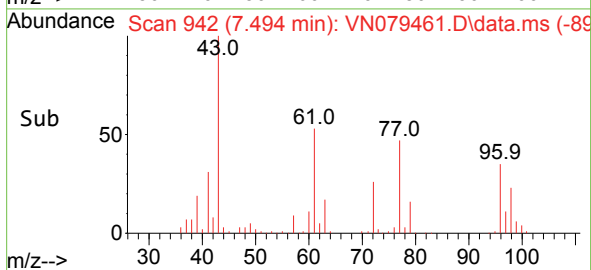
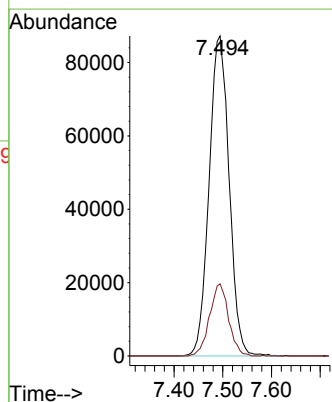
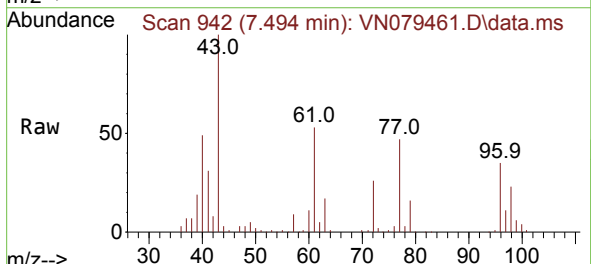
Instrument :
MSVOA_N
ClientSampleId :

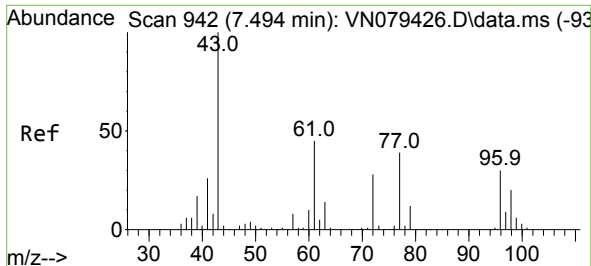
Tgt Ion: 43 Resp: 541631
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 50.336 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

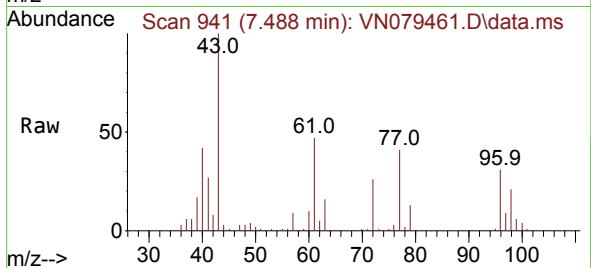
Tgt Ion: 77 Resp: 248809
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6



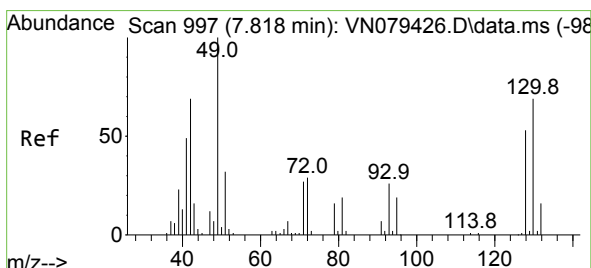
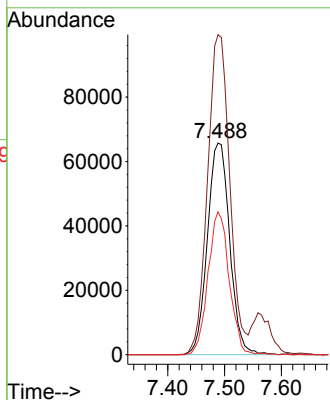
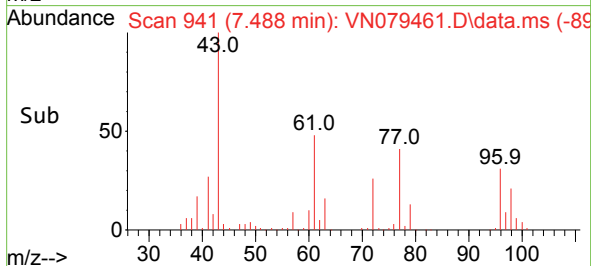


#27
 cis-1,2-Dichloroethene
 Concen: 48.324 ug/l
 RT: 7.488 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VN079461.D
 Acq: 09 Oct 2023 10:27

Instrument :
 MSVOA_N
 ClientSampleId :

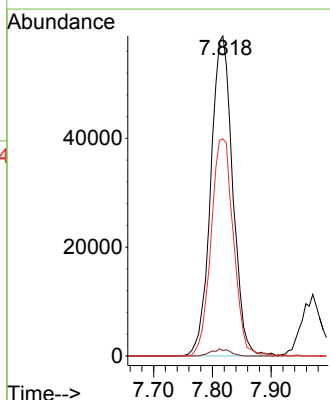
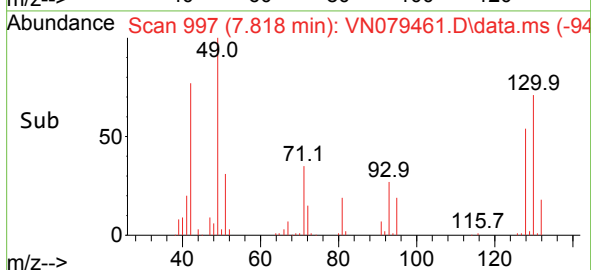
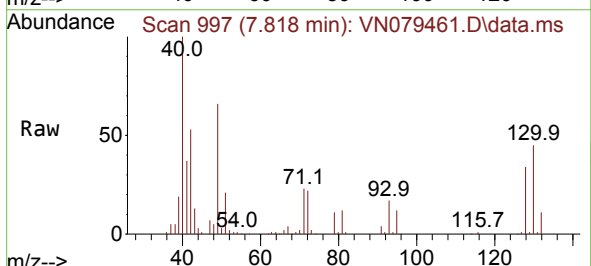


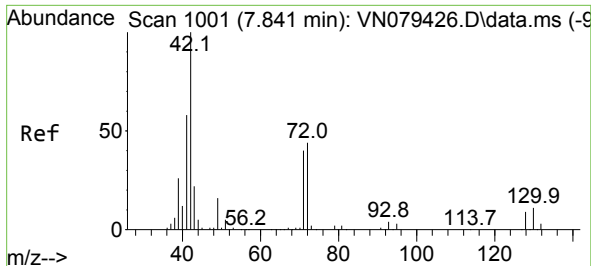
Tgt Ion: 96 Resp: 179078
 Ion Ratio Lower Upper
 96 100
 61 150.6 0.0 255.2
 98 63.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.652 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079461.D
 Acq: 09 Oct 2023 10:27

Tgt Ion: 49 Resp: 152803
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 69.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 223.098 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

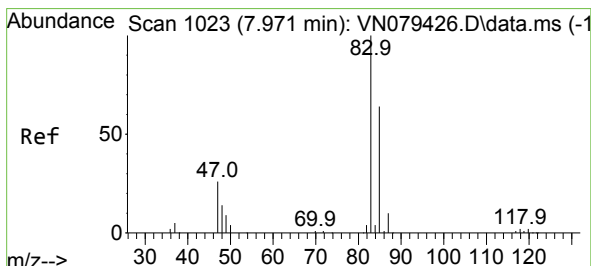
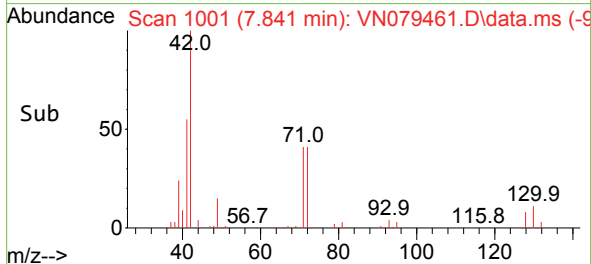
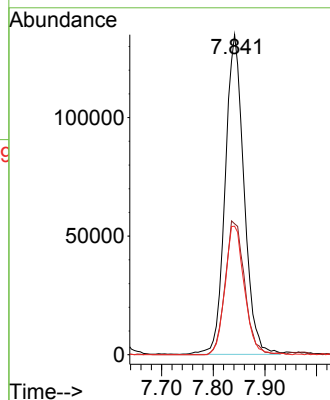
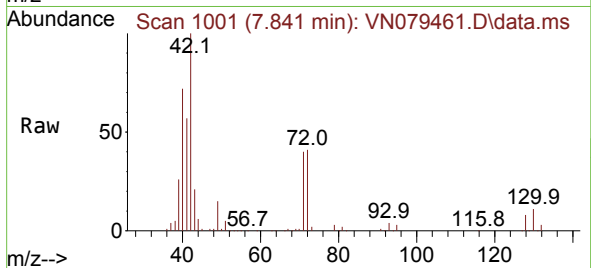
Tgt Ion: 42 Resp: 340441

Ion Ratio Lower Upper

42 100

72 43.3 49.8 74.6#

71 41.5 47.4 71.2#



#30

Chloroform

Concen: 47.164 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079461.D

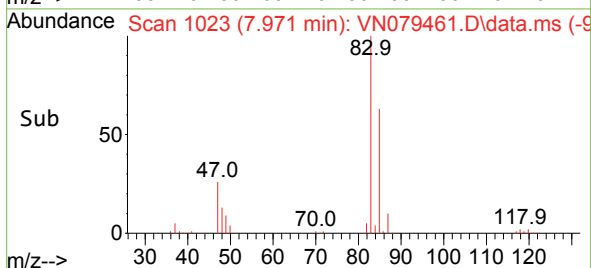
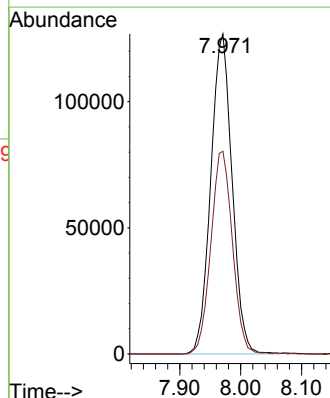
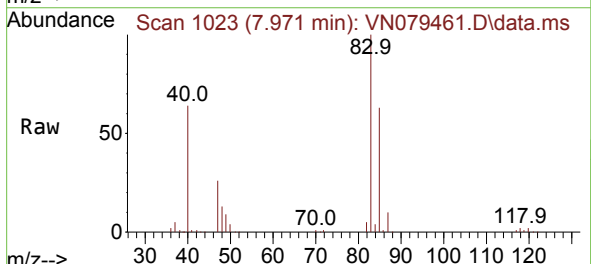
Acq: 09 Oct 2023 10:27

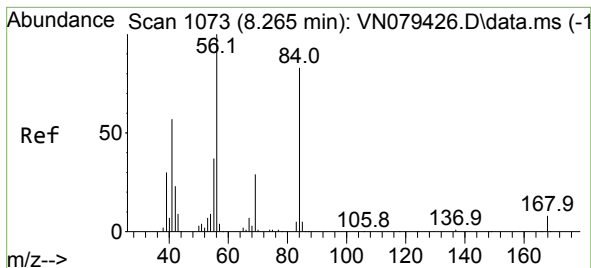
Tgt Ion: 83 Resp: 308220

Ion Ratio Lower Upper

83 100

85 63.4 55.4 83.0





#31

Cyclohexane

Concen: 44.275 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

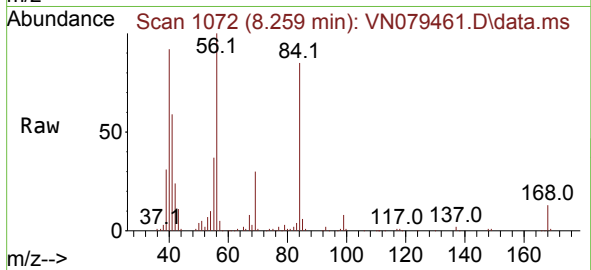
Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :



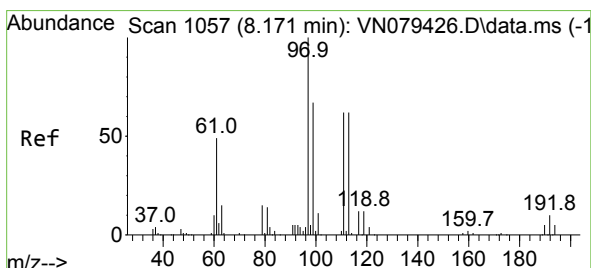
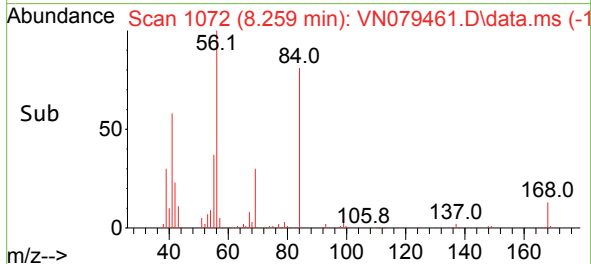
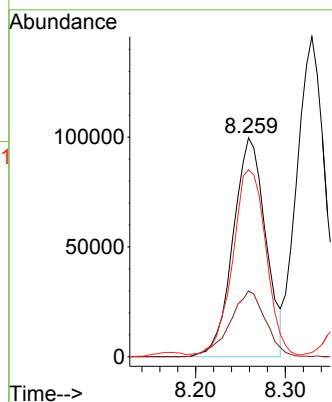
Tgt Ion: 56 Resp: 251711

Ion Ratio Lower Upper

56 100

69 30.0 26.8 40.2

84 83.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 47.117 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

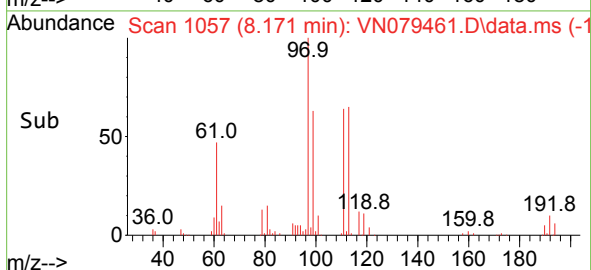
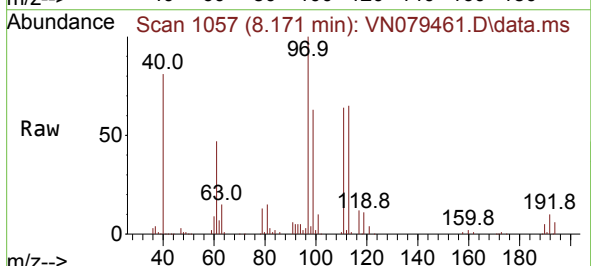
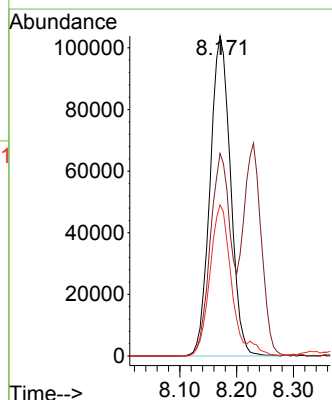
Tgt Ion: 97 Resp: 259127

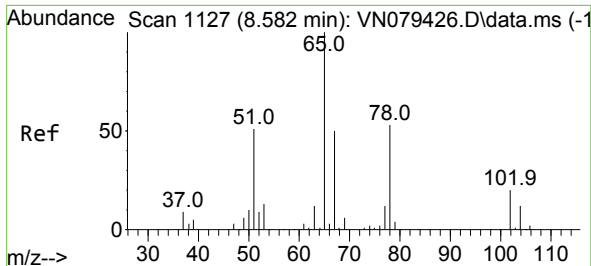
Ion Ratio Lower Upper

97 100

99 63.9 50.3 75.5

61 47.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.956 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

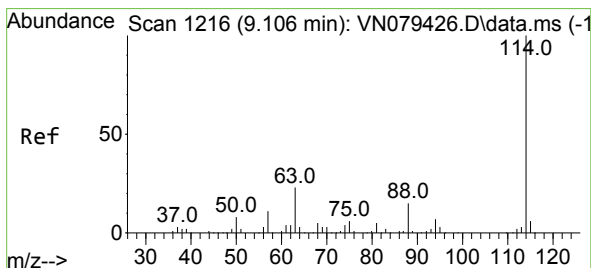
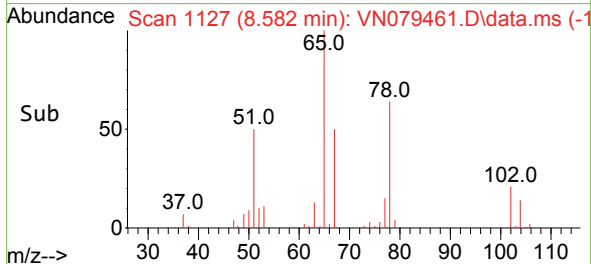
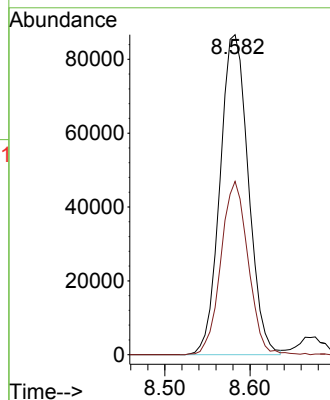
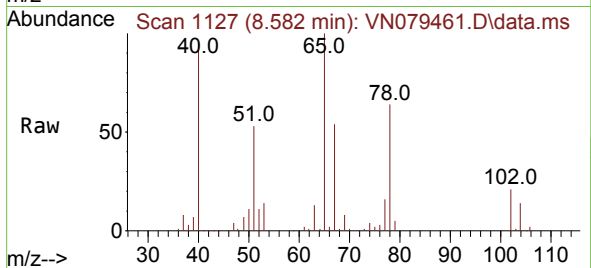
ClientSampleId :

Tgt Ion: 65 Resp: 200224

Ion Ratio Lower Upper

65 100

67 52.1 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: VN079461.D

Acq: 09 Oct 2023 10:27

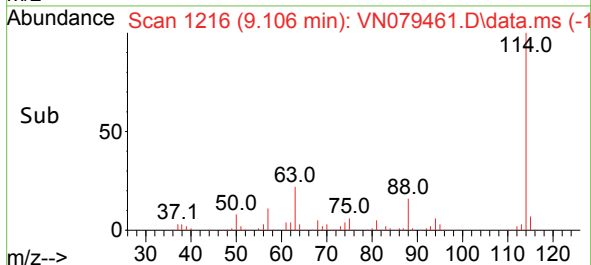
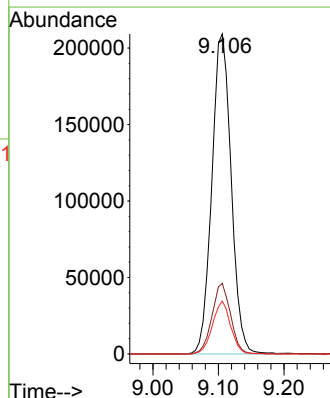
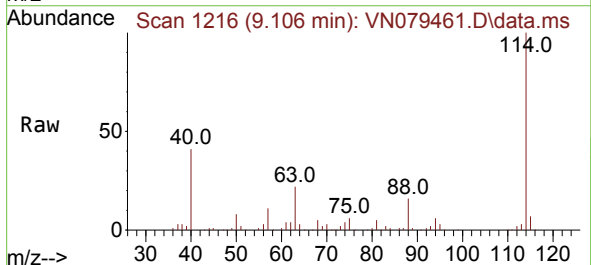
Tgt Ion: 114 Resp: 428232

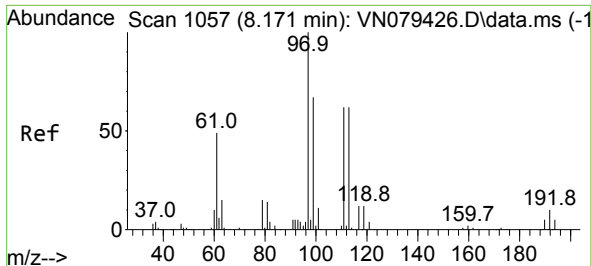
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

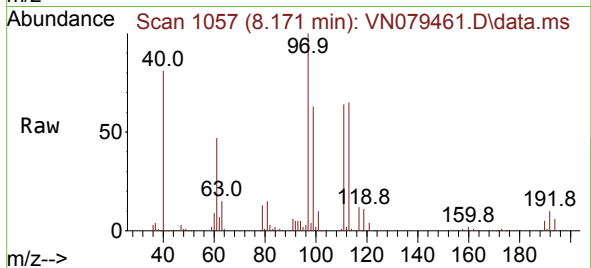
88 16.5 0.0 30.6



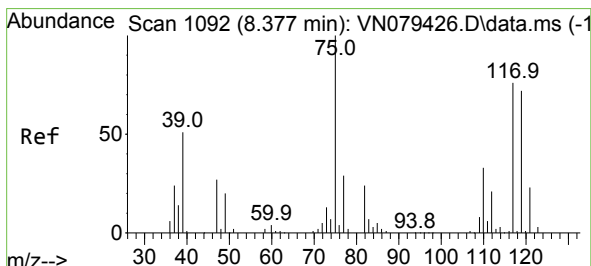
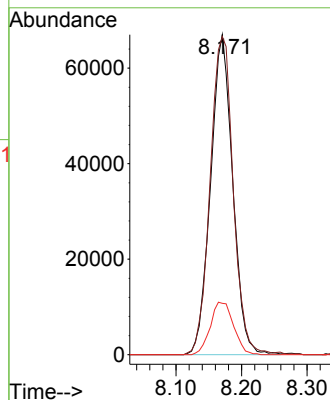
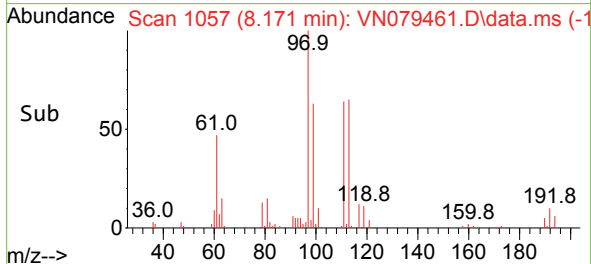


#35
Dibromofluoromethane
Concen: 50.962 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Instrument :
MSVOA_N
ClientSampleId :

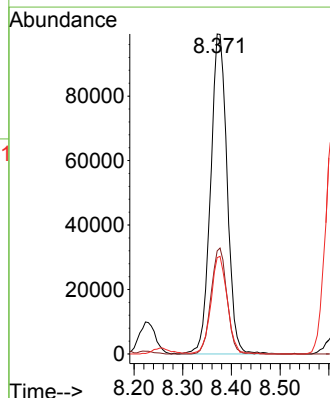
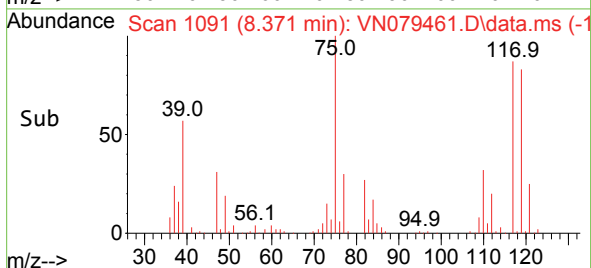
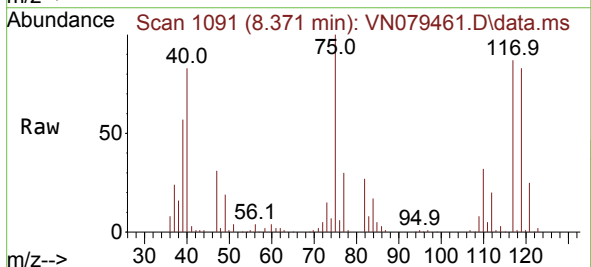


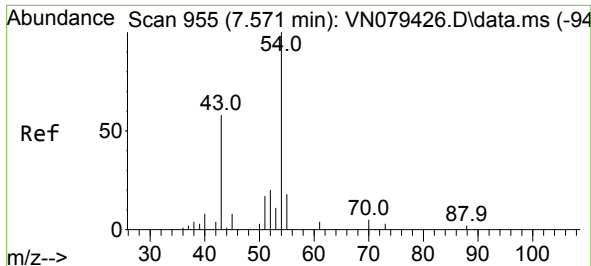
Tgt Ion:113 Resp: 156833
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 50.562 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 75 Resp: 233533
Ion Ratio Lower Upper
75 100
110 31.8 19.1 57.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 48.191 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

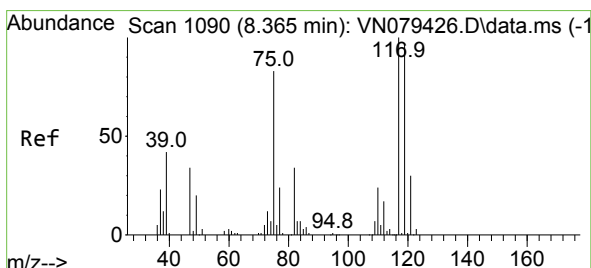
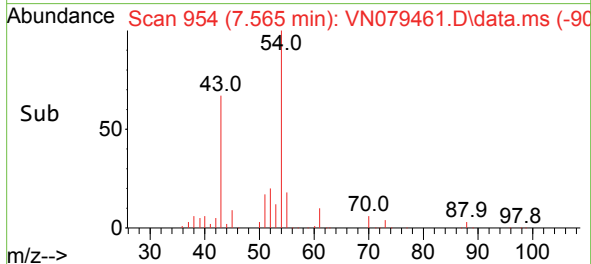
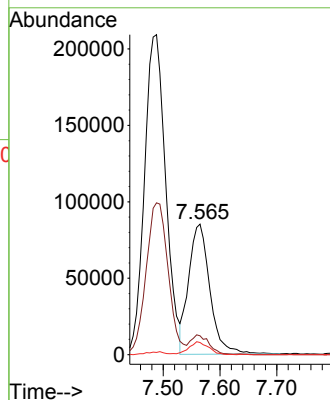
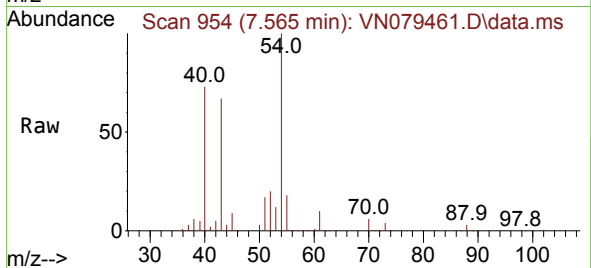
Tgt Ion: 43 Resp: 221482

Ion Ratio Lower Upper

43 100

61 12.5 13.2 19.8#

70 9.1 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 48.752 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

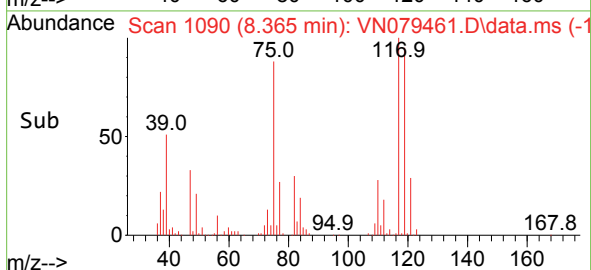
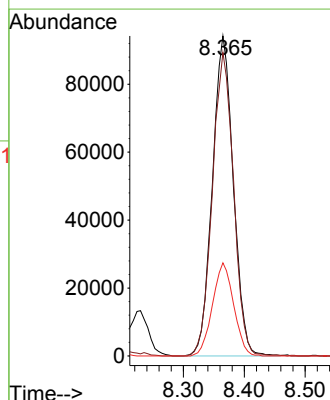
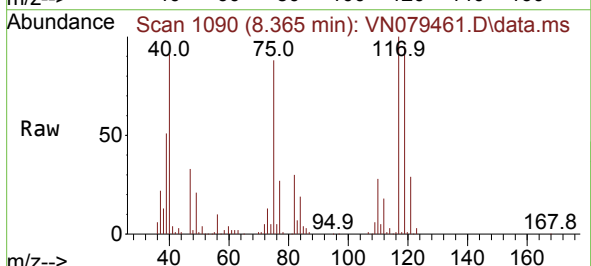
Tgt Ion: 117 Resp: 225425

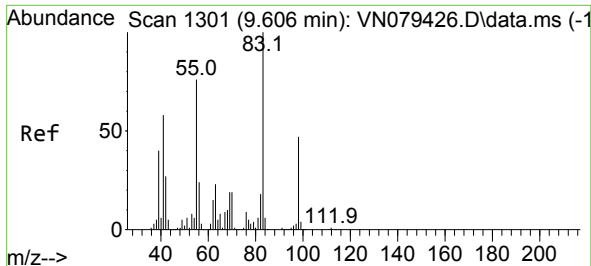
Ion Ratio Lower Upper

117 100

119 94.8 77.3 115.9

121 29.1 23.3 34.9





#39

Methylcyclohexane

Concen: 52.684 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

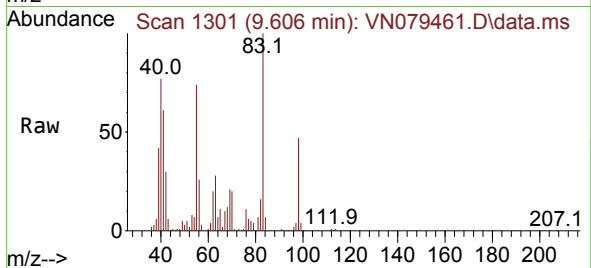
Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :



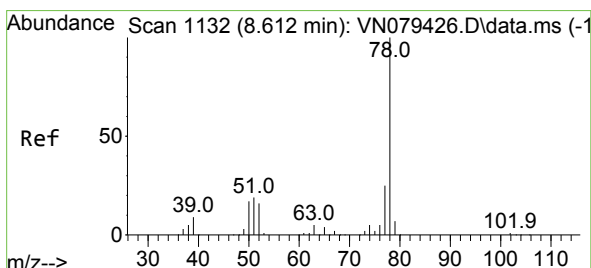
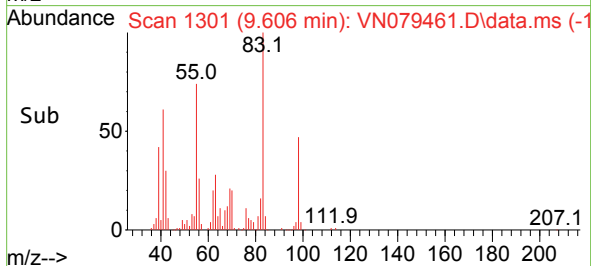
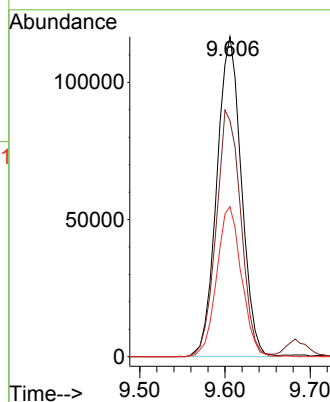
Tgt Ion: 83 Resp: 233788

Ion Ratio Lower Upper

83 100

55 73.6 49.1 73.7

98 46.9 40.6 61.0



#40

Benzene

Concen: 49.010 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079461.D

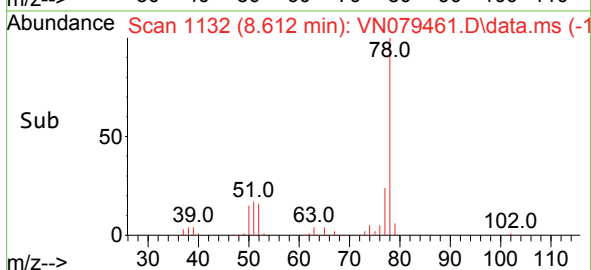
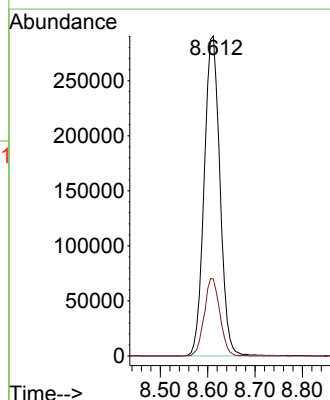
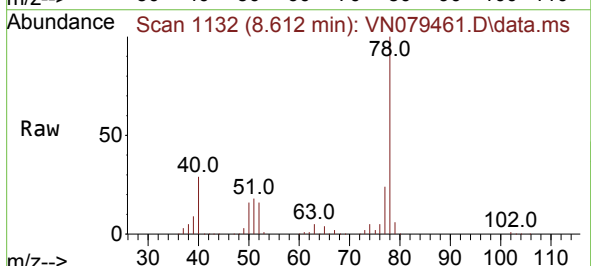
Acq: 09 Oct 2023 10:27

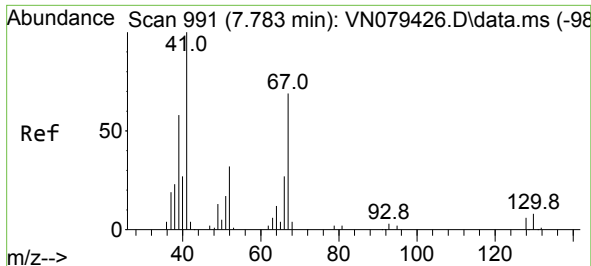
Tgt Ion: 78 Resp: 672272

Ion Ratio Lower Upper

78 100

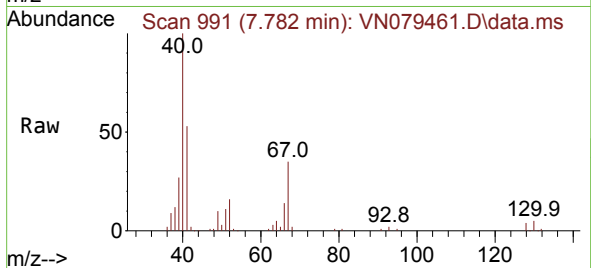
77 24.0 19.0 28.6



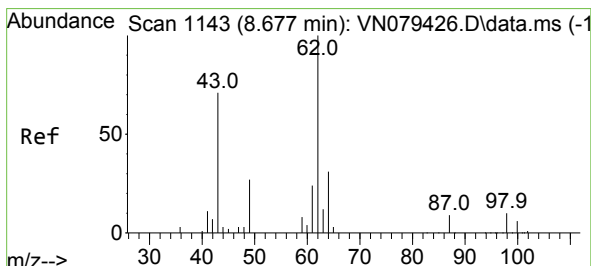
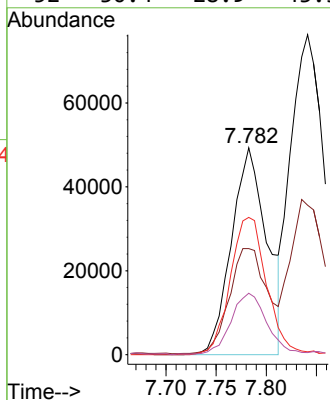
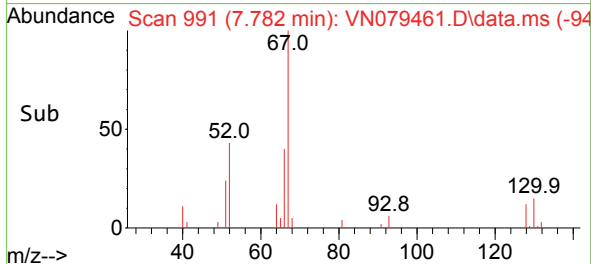


#41
Methacrylonitrile
Concen: 50.170 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

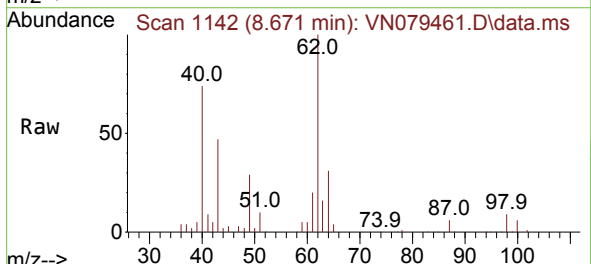
Instrument :
MSVOA_N
ClientSampleId :



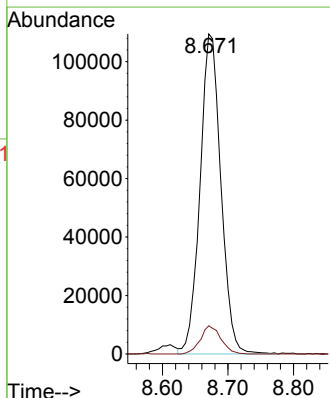
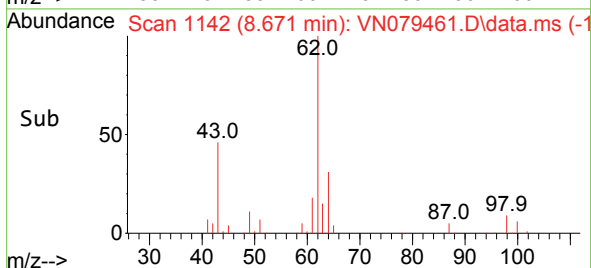
Tgt Ion:	41	Resp:	121219
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.6	64.0
67	68.5	77.5	116.3
52	30.4	28.9	43.3

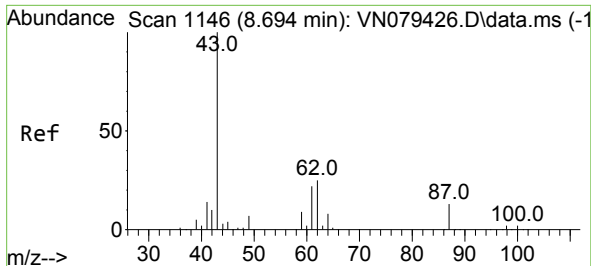


#42
1,2-Dichloroethane
Concen: 48.678 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27



Tgt Ion:	62	Resp:	242625
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.8

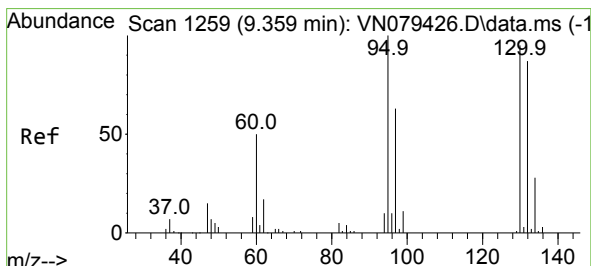
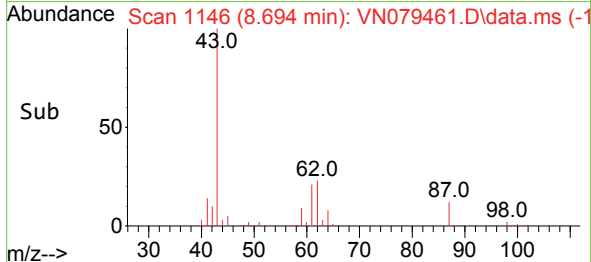
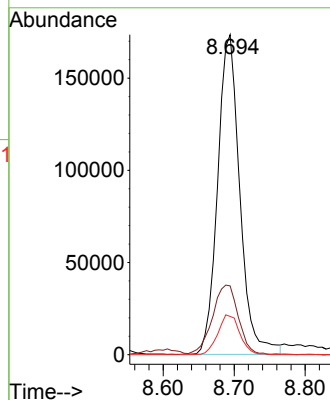
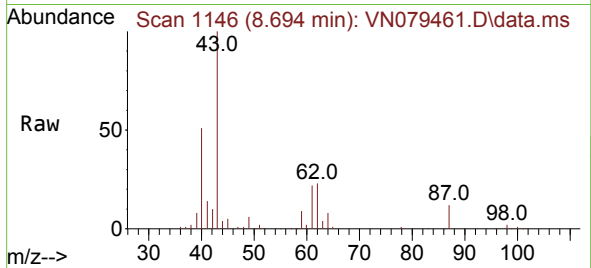




#43
Isopropyl Acetate
Concen: 46.704 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

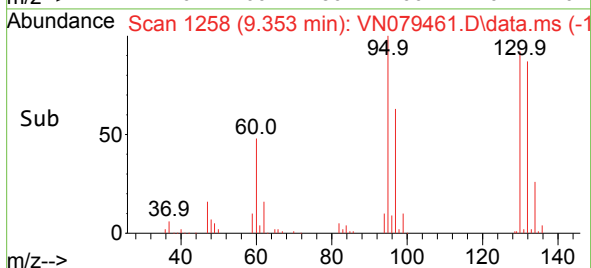
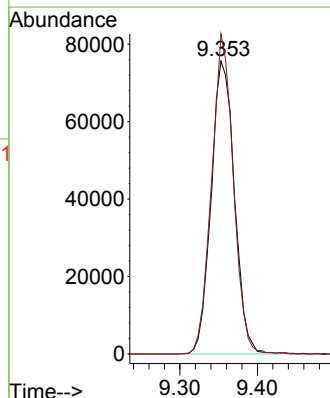
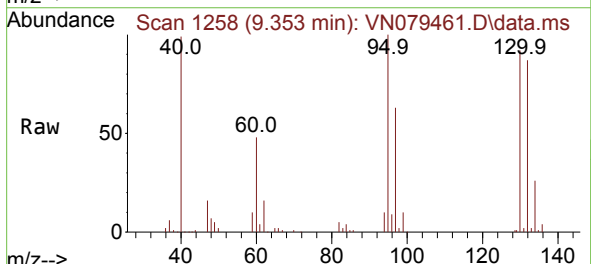
Instrument :
MSVOA_N
ClientSampleId :

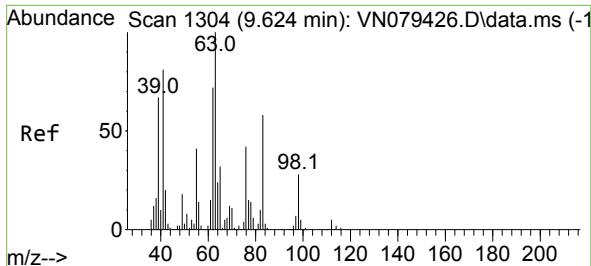
Tgt Ion: 43 Resp: 376046
Ion Ratio Lower Upper
43 100
61 25.1 24.7 37.1
87 12.3 14.6 21.8#



#44
Trichloroethene
Concen: 48.801 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion:130 Resp: 157556
Ion Ratio Lower Upper
130 100
95 109.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.078 ug/l

RT: 9.623 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

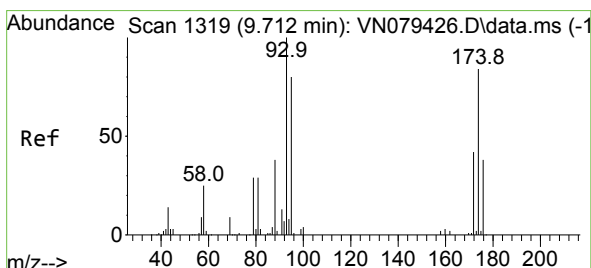
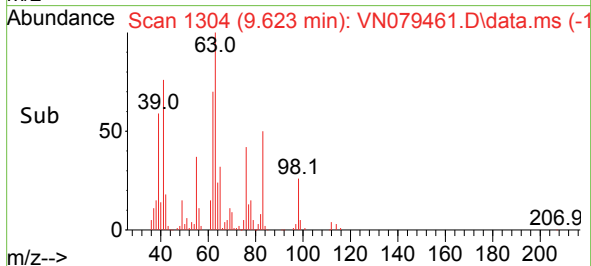
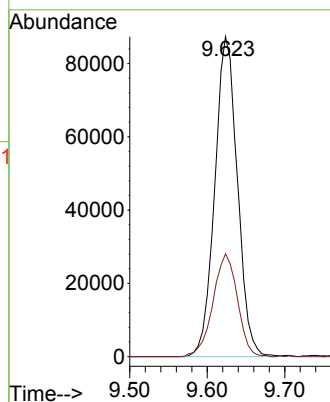
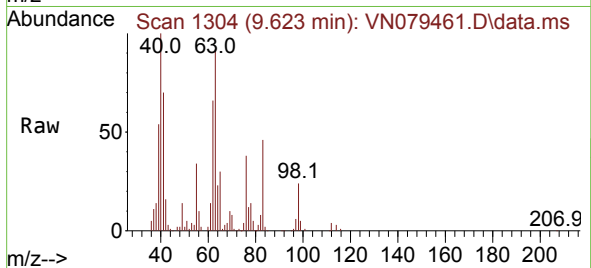
ClientSampleId :

Tgt Ion: 63 Resp: 177374

Ion Ratio Lower Upper

63 100

65 32.1 23.9 35.9



#46

Dibromomethane

Concen: 50.625 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

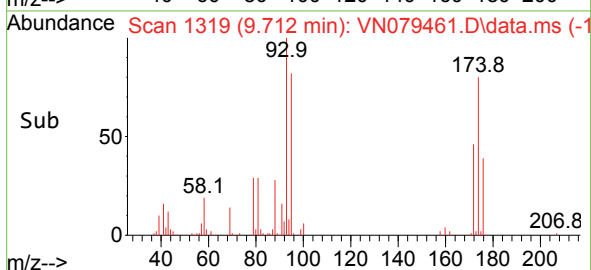
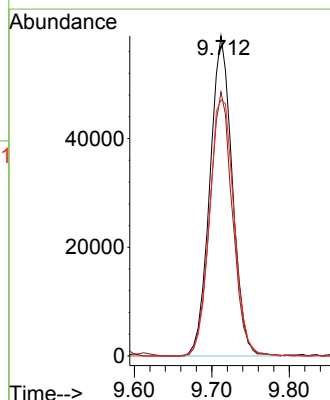
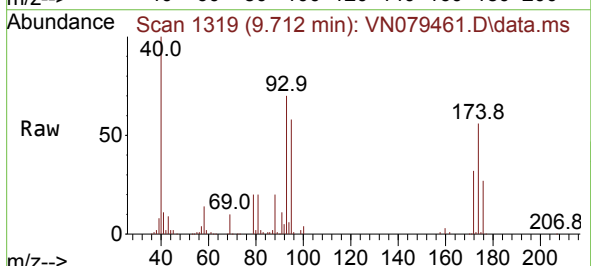
Tgt Ion: 93 Resp: 118498

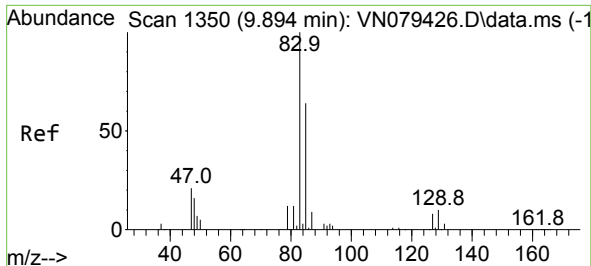
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

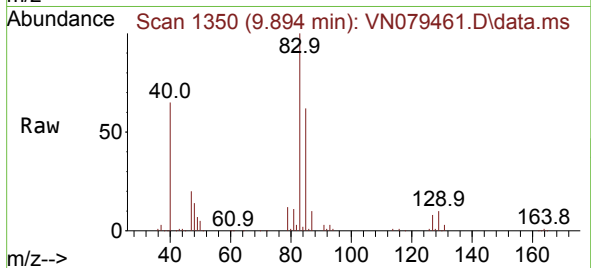
174 87.1 65.6 98.4



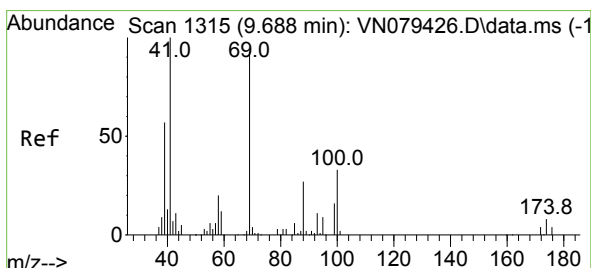
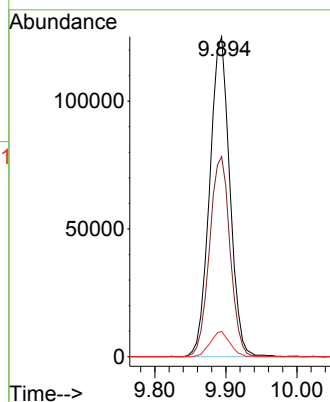
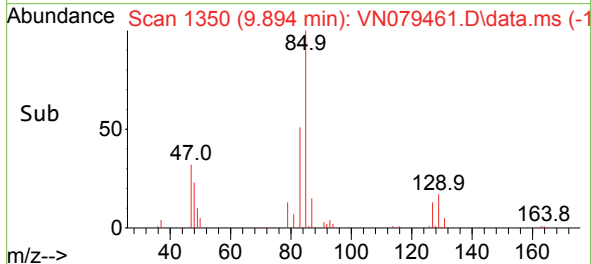


#47
Bromodichloromethane
Concen: 51.045 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

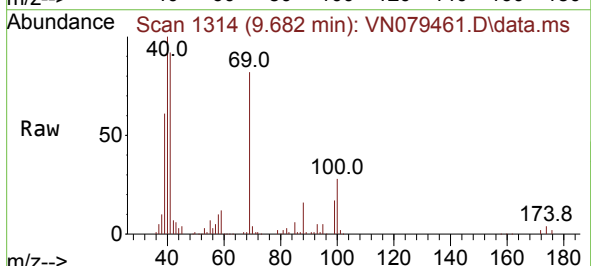
Instrument :
MSVOA_N
ClientSampleId :



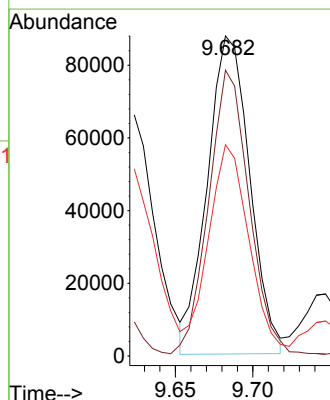
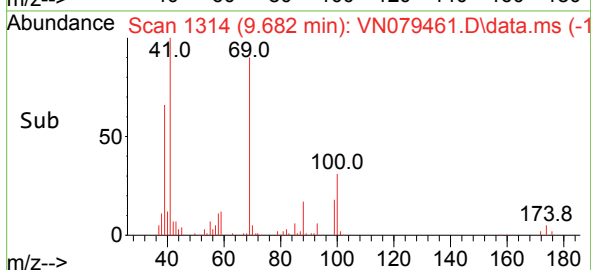
Tgt Ion: 83 Resp: 245776
Ion Ratio Lower Upper
83 100
85 62.5 49.6 74.4
127 7.9 7.0 10.6

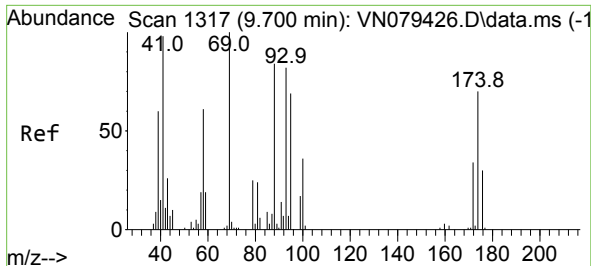


#48
Methyl methacrylate
Concen: 48.310 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27



Tgt Ion: 41 Resp: 166686
Ion Ratio Lower Upper
41 100
69 87.0 90.4 135.6#
39 64.3 54.6 81.8





#49

1,4-Dioxane

Concen: 936.832 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

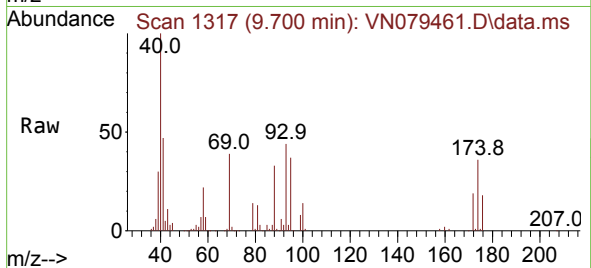
Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :



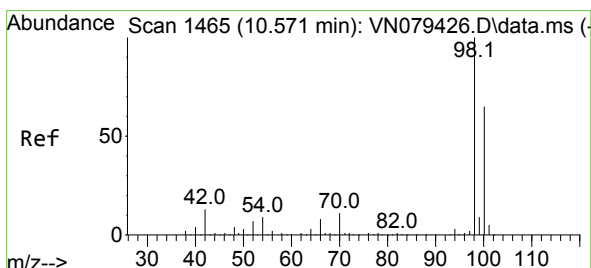
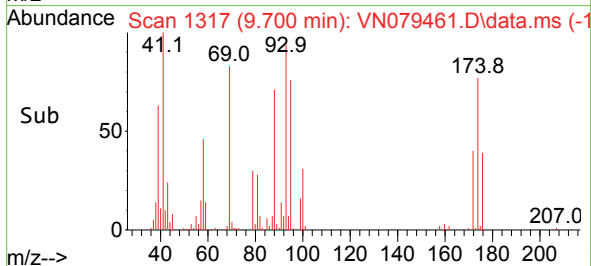
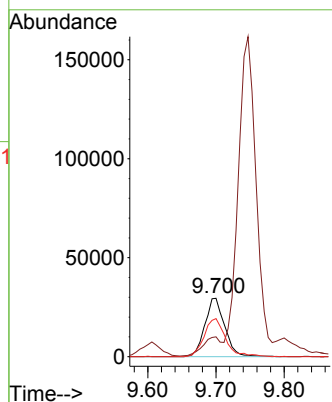
Tgt Ion: 88 Resp: 59539

Ion Ratio Lower Upper

88 100

43 32.5 17.0 25.6#

58 70.9 47.0 70.4#



#50

Toluene-d8

Concen: 53.046 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079461.D

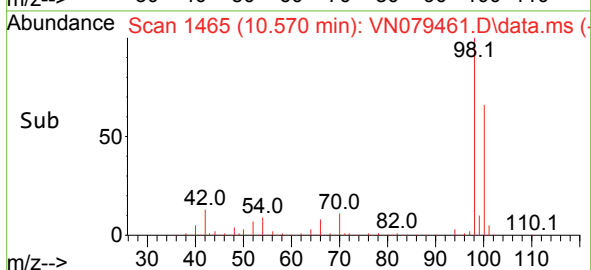
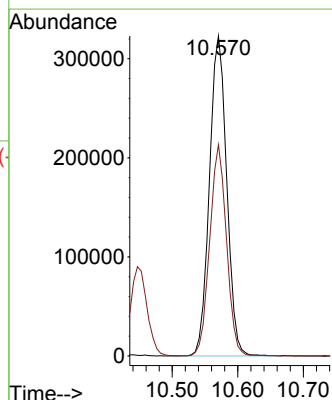
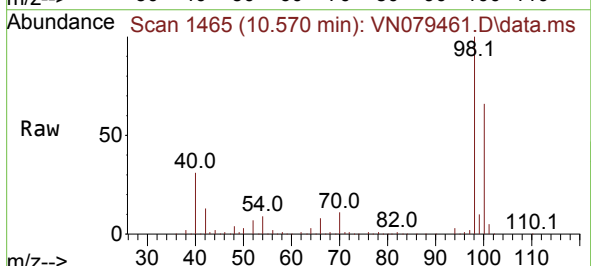
Acq: 09 Oct 2023 10:27

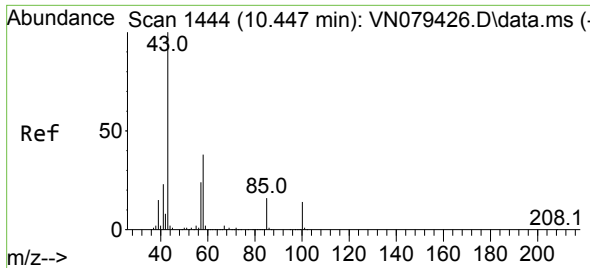
Tgt Ion: 98 Resp: 590668

Ion Ratio Lower Upper

98 100

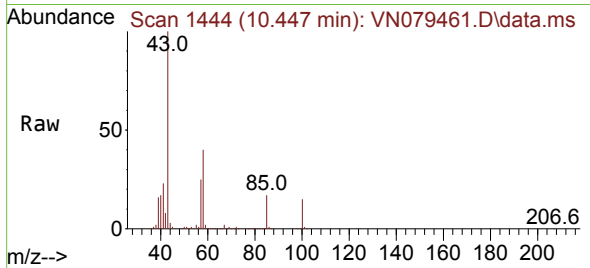
100 64.3 52.0 78.0



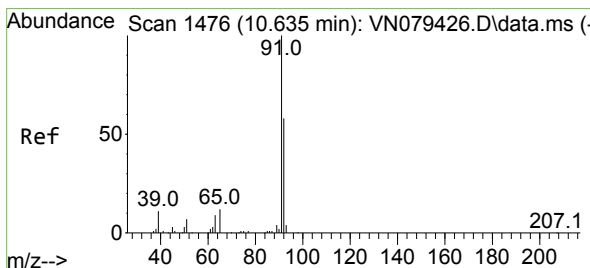
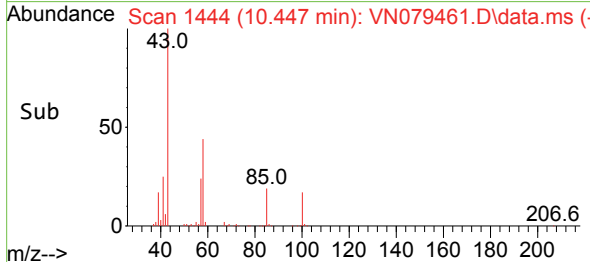
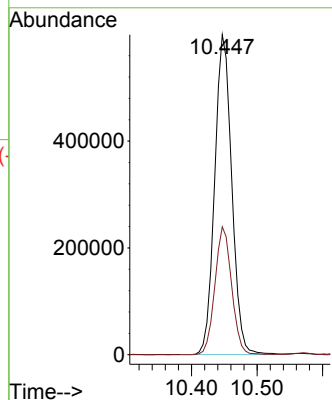


#51
4-Methyl-2-Pentanone
Concen: 238.647 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Instrument :
MSVOA_N
ClientSampleId :

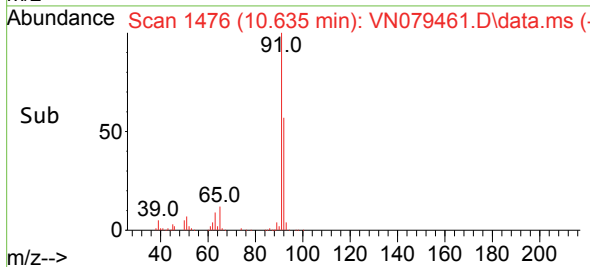
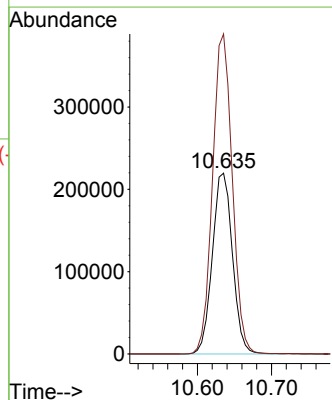
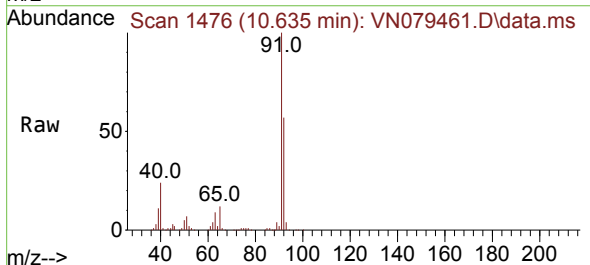


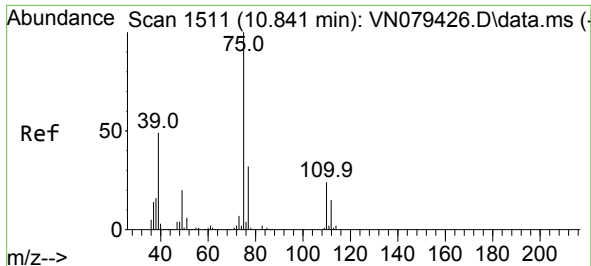
Tgt Ion: 43 Resp: 1084703
Ion Ratio Lower Upper
43 100
58 39.2 36.6 54.8



#52
Toluene
Concen: 51.314 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 92 Resp: 414328
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0

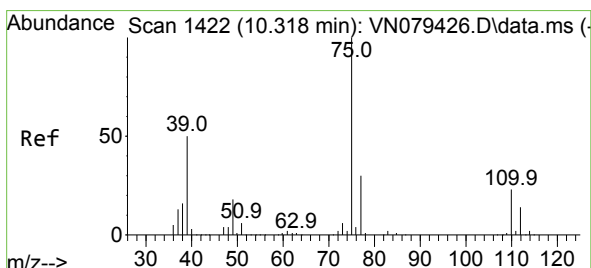
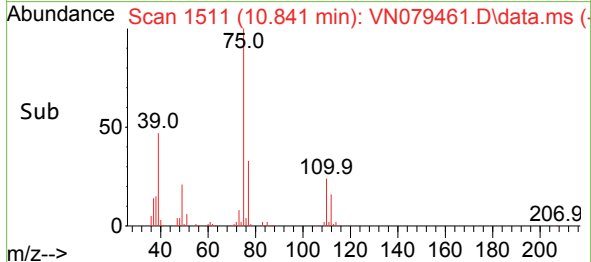
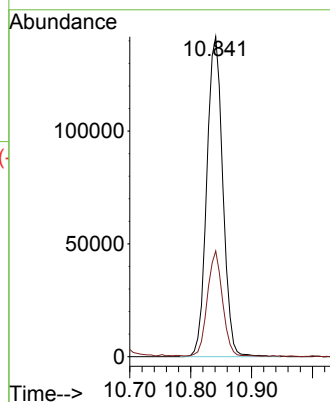
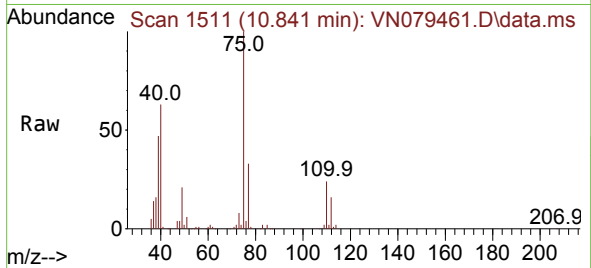




#53
 t-1,3-Dichloropropene
 Concen: 53.426 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079461.D
 Acq: 09 Oct 2023 10:27

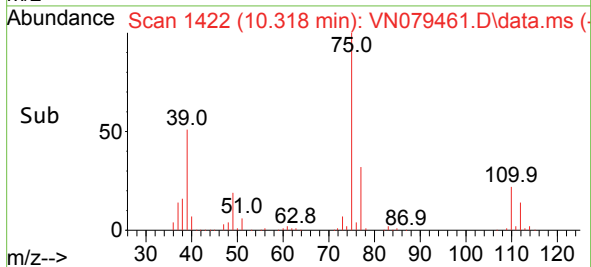
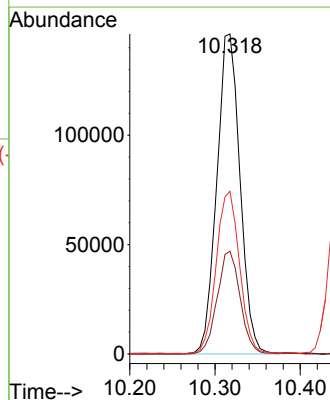
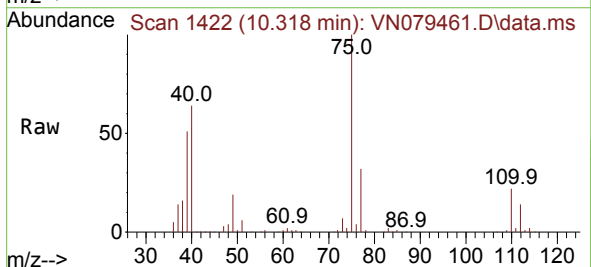
Instrument :
 MSVOA_N
 ClientSampleId :

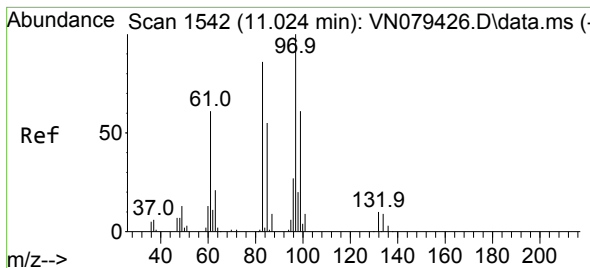
Tgt Ion: 75 Resp: 259237
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.245 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079461.D
 Acq: 09 Oct 2023 10:27

Tgt Ion: 75 Resp: 277512
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 50.7 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 50.477 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

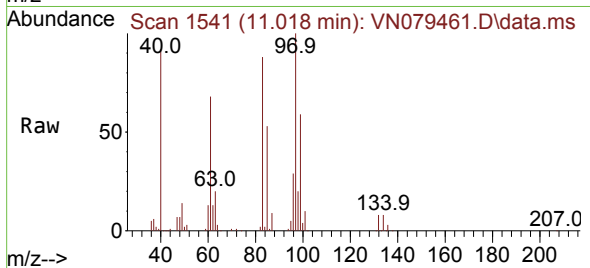
Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 163624

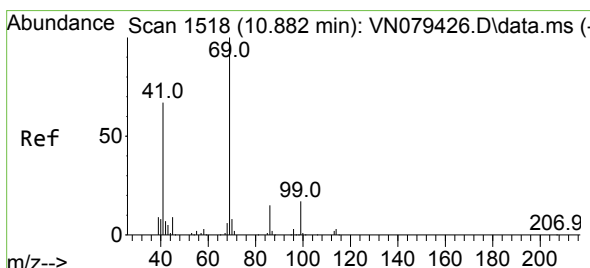
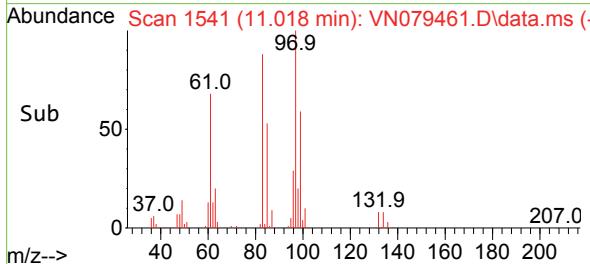
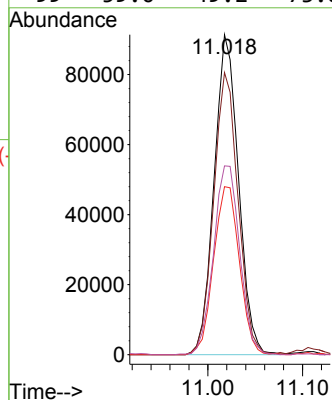
Ion Ratio Lower Upper

97 100

83 88.1 65.1 97.7

85 52.5 43.4 65.2

99 59.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 53.527 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

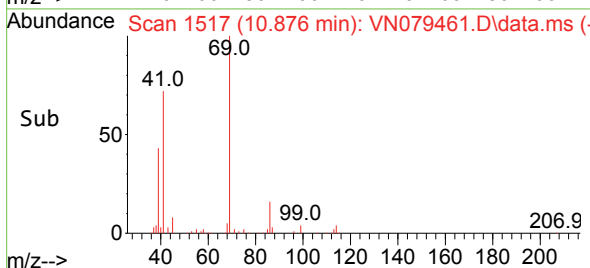
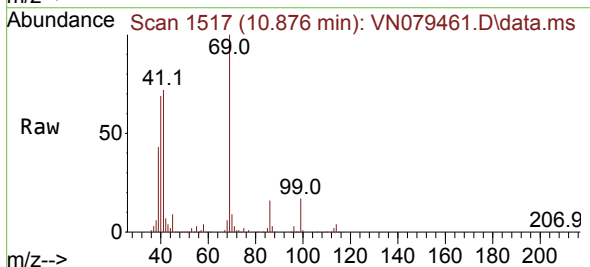
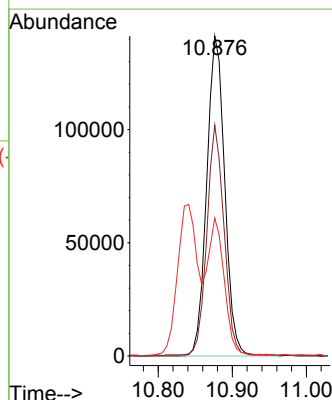
Tgt Ion: 69 Resp: 238426

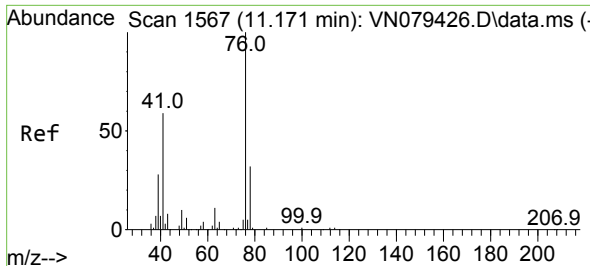
Ion Ratio Lower Upper

69 100

41 69.9 39.6 59.4#

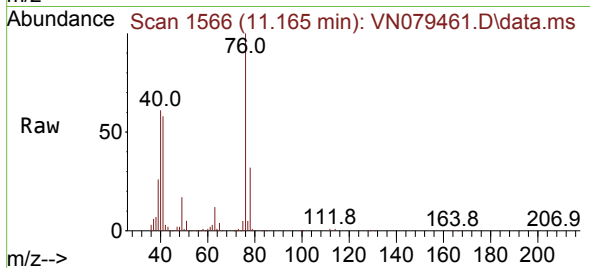
39 39.6 28.6 43.0



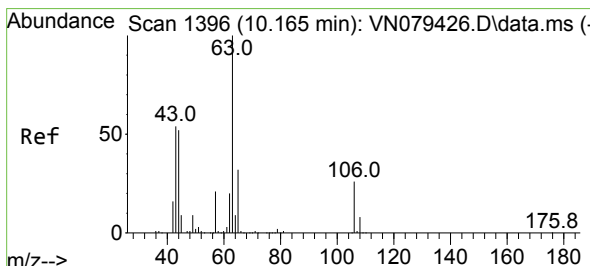
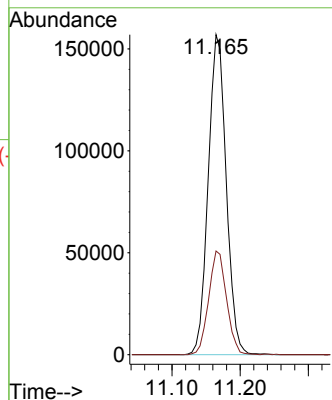
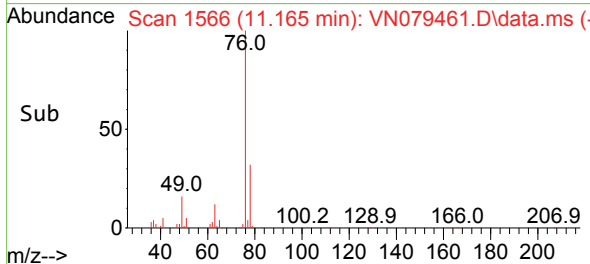


#57
1,3-Dichloropropane
Concen: 51.550 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Instrument :
MSVOA_N
ClientSampleId :

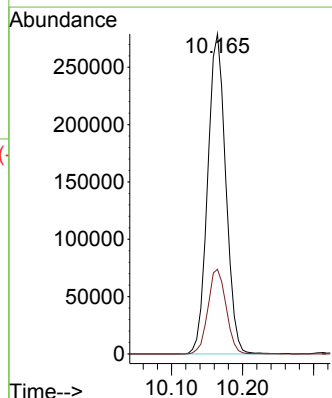
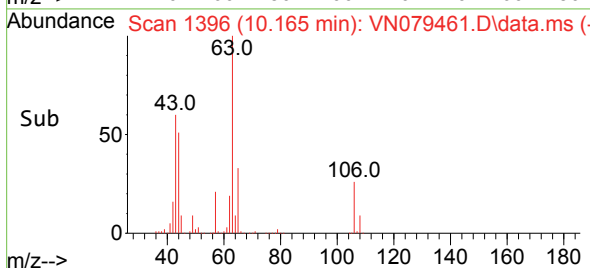
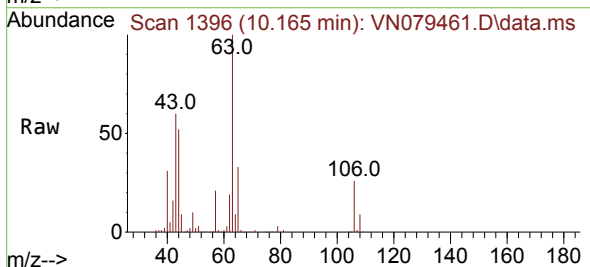


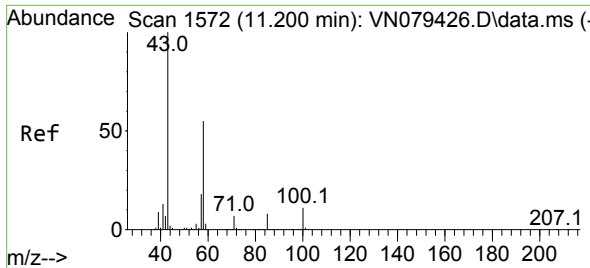
Tgt Ion: 76 Resp: 288547
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 289.048 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 63 Resp: 493076
Ion Ratio Lower Upper
63 100
106 26.6 26.2 39.4

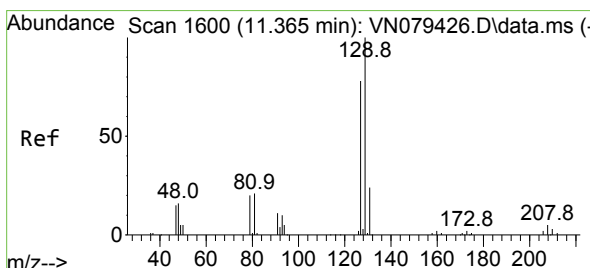
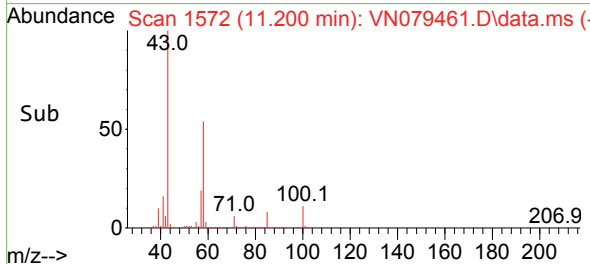
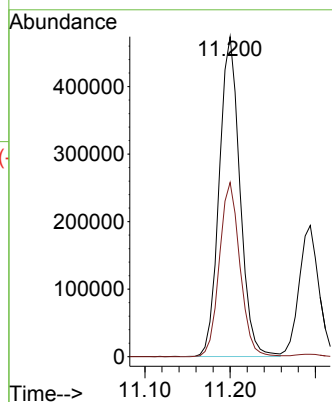
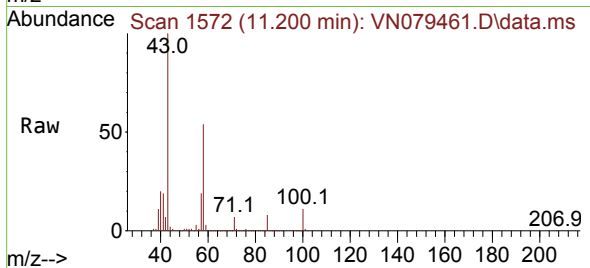




#59
2-Hexanone
Concen: 243.534 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

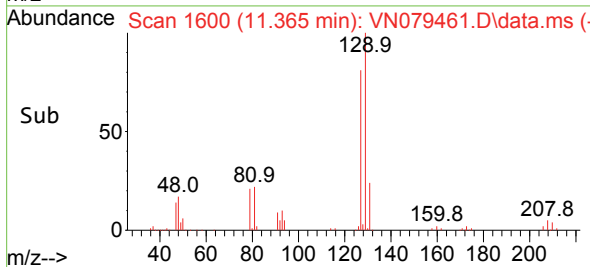
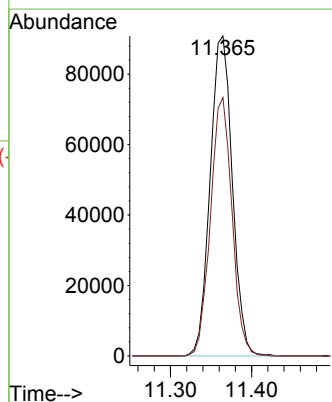
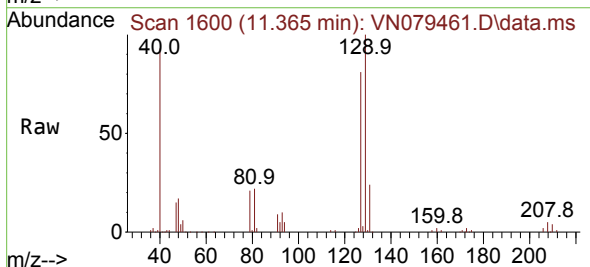
Instrument :
MSVOA_N
ClientSampleId :

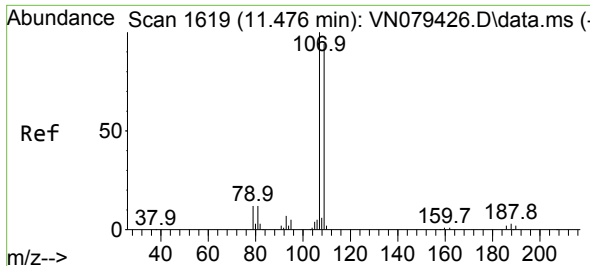
Tgt Ion: 43 Resp: 798757
Ion Ratio Lower Upper
43 100
58 54.2 31.7 95.1



#60
Dibromochloromethane
Concen: 52.968 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

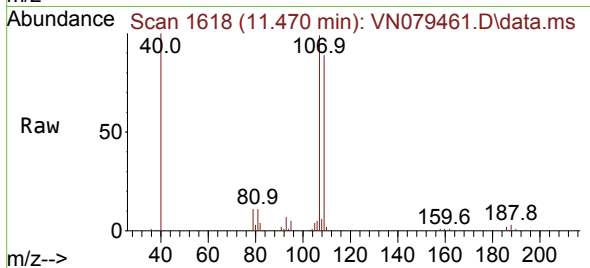
Tgt Ion:129 Resp: 172561
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0



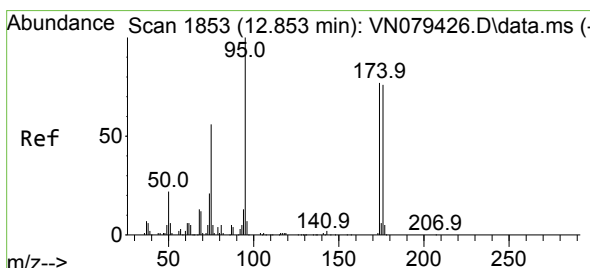
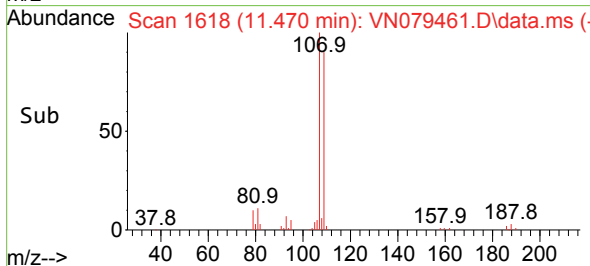
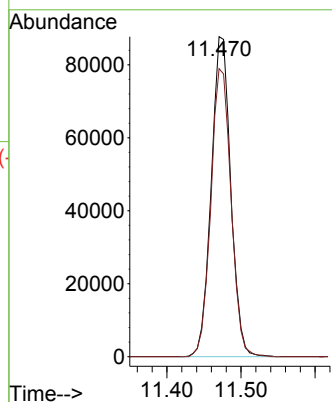


#61
1,2-Dibromoethane
Concen: 49.899 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Instrument :
MSVOA_N
ClientSampleId :

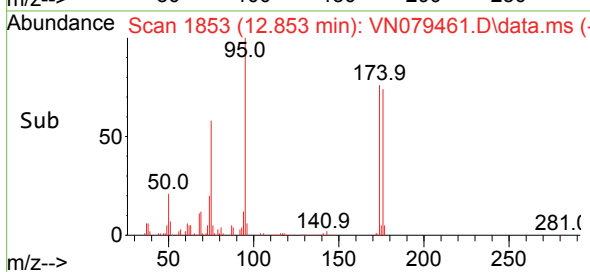
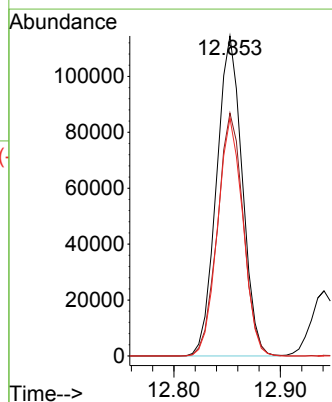
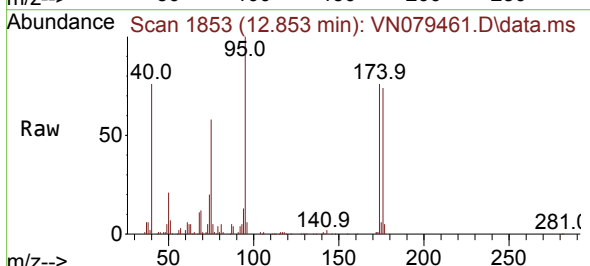


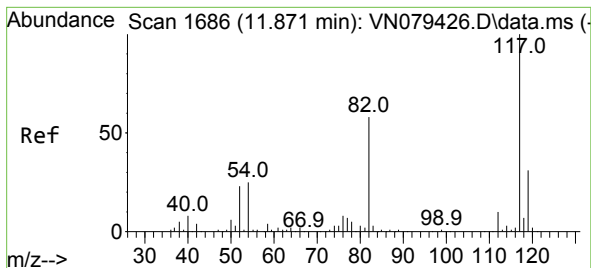
Tgt Ion:107 Resp: 160522
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.656 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 95 Resp: 191736
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 73.2 0.0 135.8

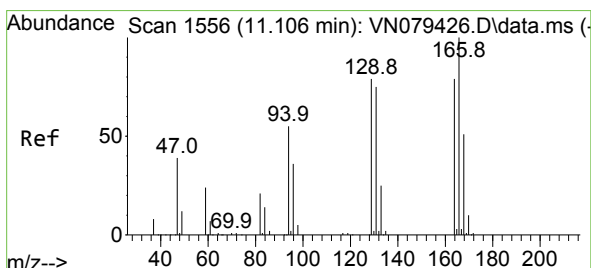
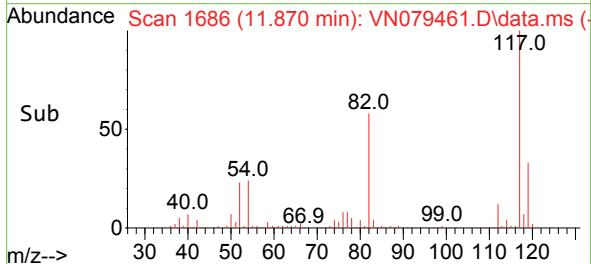
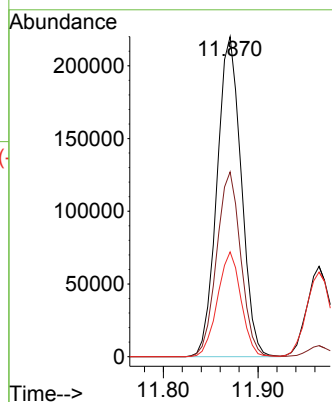
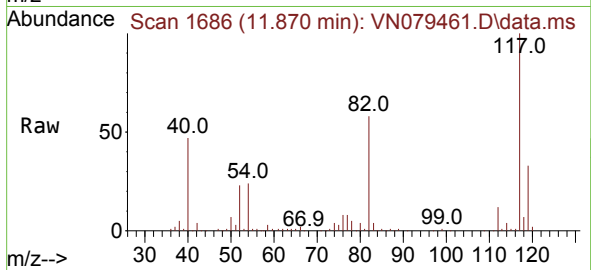




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

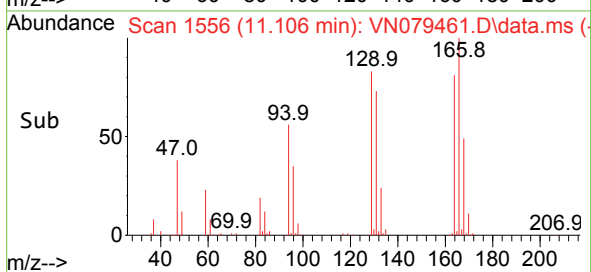
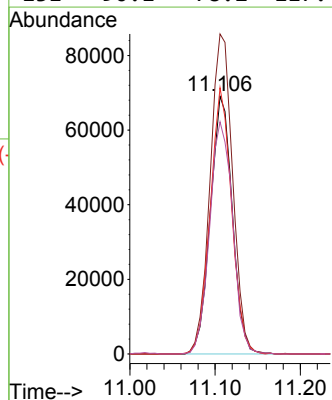
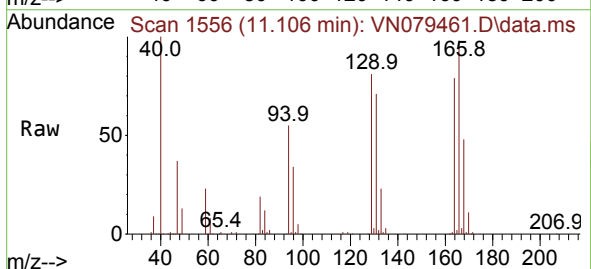
Instrument :
MSVOA_N
ClientSampleId :

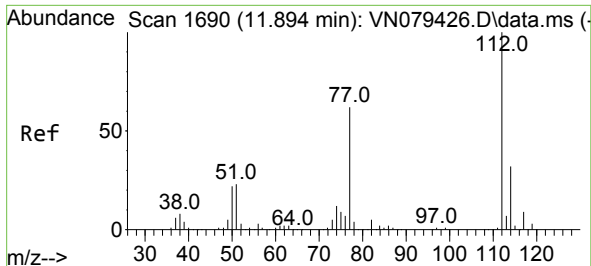
Tgt Ion:117 Resp: 390957
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 45.952 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

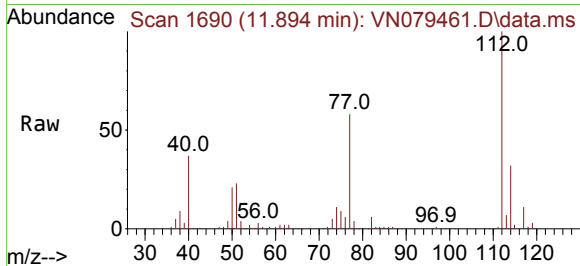
Tgt Ion:164 Resp: 123587
Ion Ratio Lower Upper
164 100
166 124.2 101.4 152.0
129 103.3 82.4 123.6
131 90.1 78.2 117.4



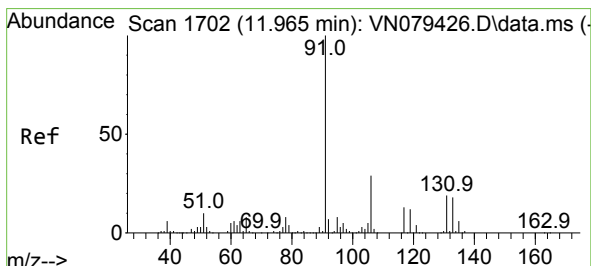
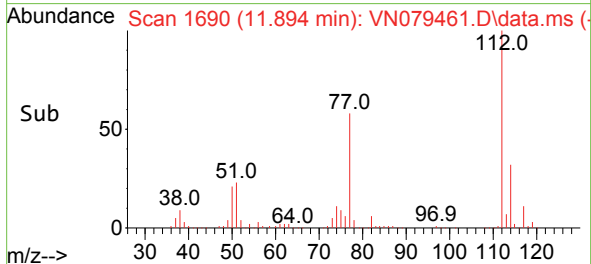
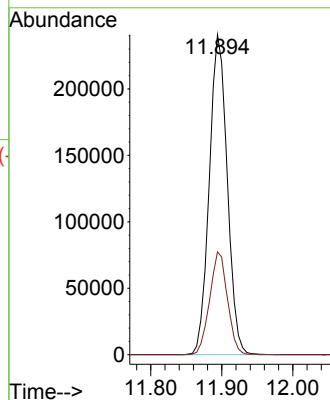


#65
Chlorobenzene
Concen: 48.575 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Instrument :
MSVOA_N
ClientSampleId :

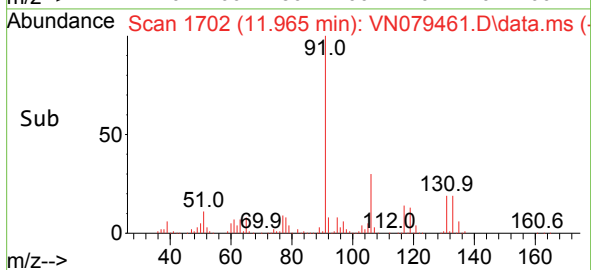
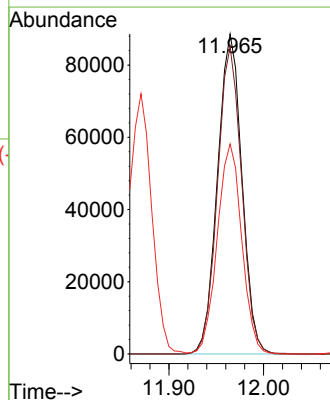
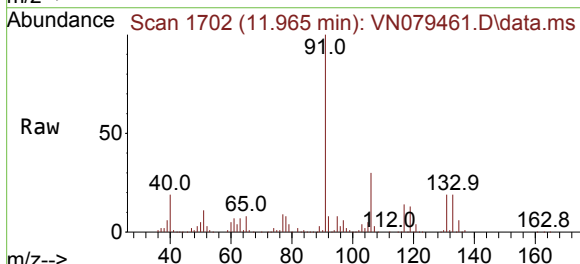


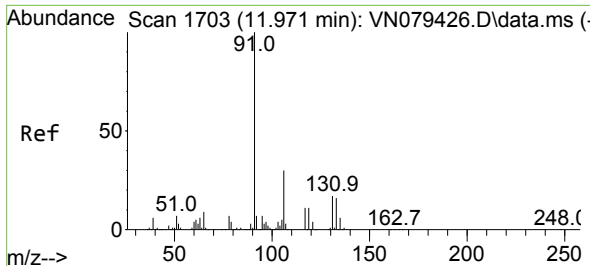
Tgt Ion:112 Resp: 422922
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.859 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion:131 Resp: 158946
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 66.0 34.1 102.2





#67

Ethyl Benzene

Concen: 51.705 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

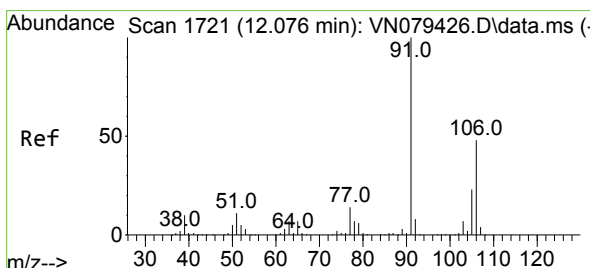
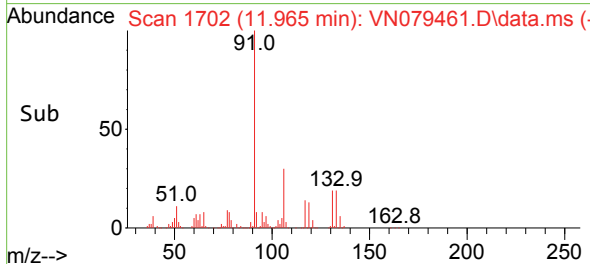
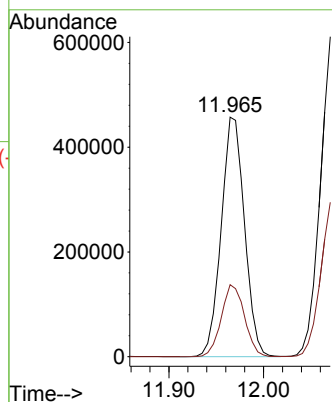
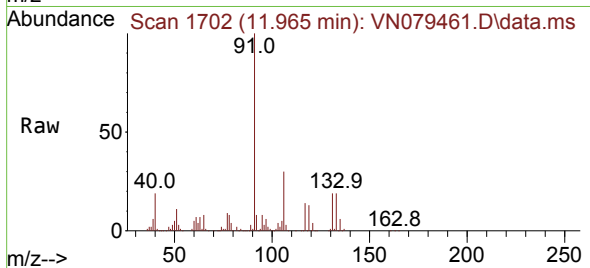
ClientSampleId :

Tgt Ion: 91 Resp: 782460

Ion Ratio Lower Upper

91 100

106 30.1 25.6 38.4



#68

m/p-Xylenes

Concen: 107.015 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079461.D

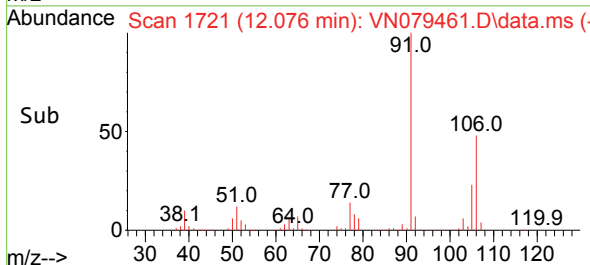
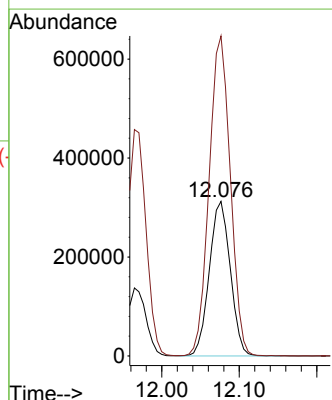
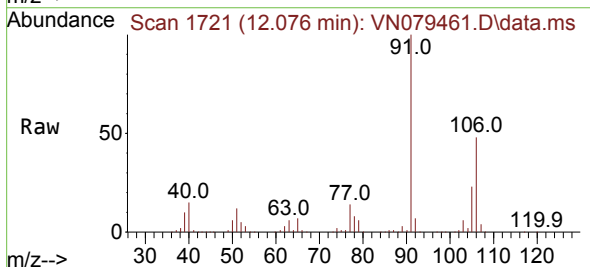
Acq: 09 Oct 2023 10:27

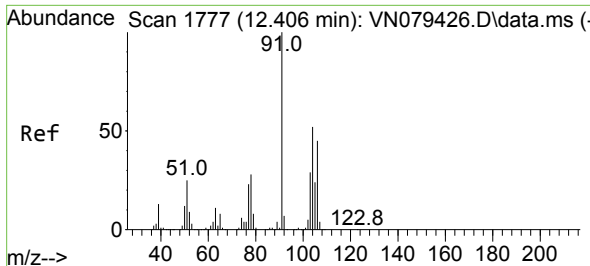
Tgt Ion:106 Resp: 588430

Ion Ratio Lower Upper

106 100

91 209.2 159.6 239.4

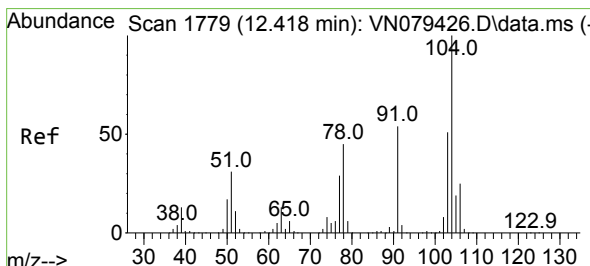
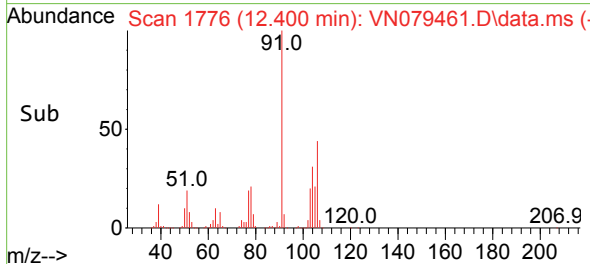
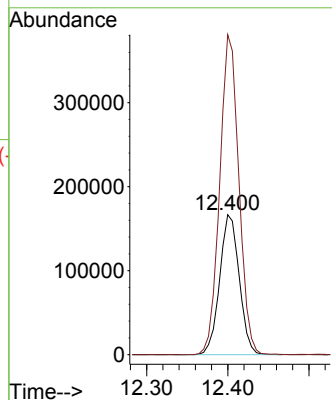
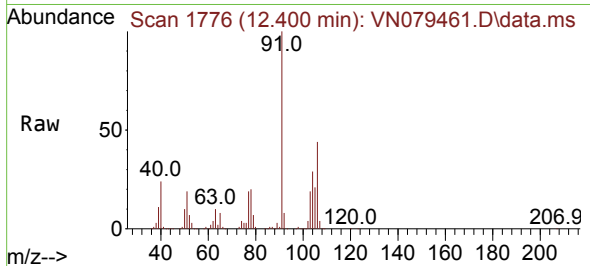




#69
o-Xylene
Concen: 51.636 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

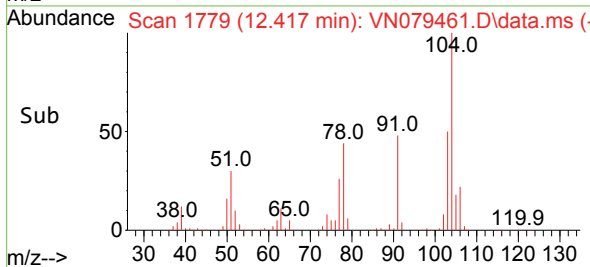
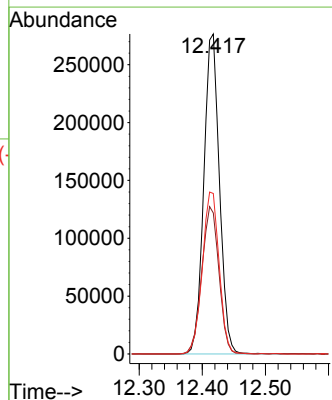
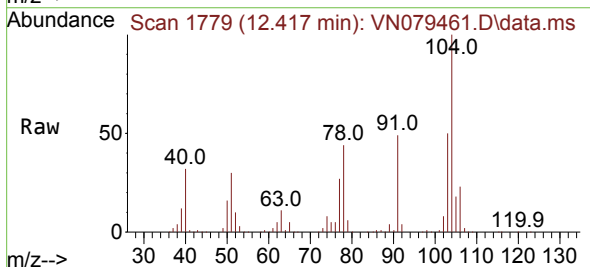
Instrument :
MSVOA_N
ClientSampleId :

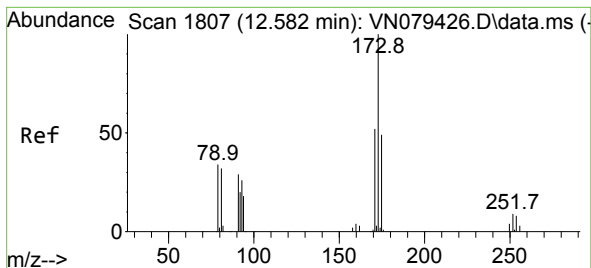
Tgt Ion:106 Resp: 279226
Ion Ratio Lower Upper
106 100
91 224.2 105.2 315.5



#70
Styrene
Concen: 55.814 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion:104 Resp: 476733
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 54.3 43.2 64.8





#71

Bromoform

Concen: 48.377 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

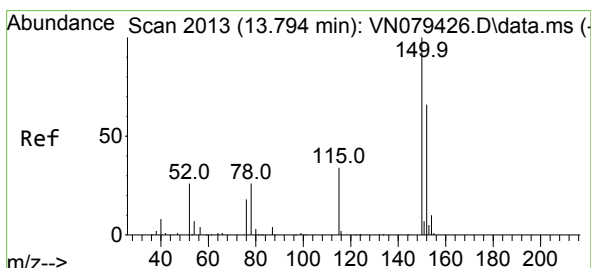
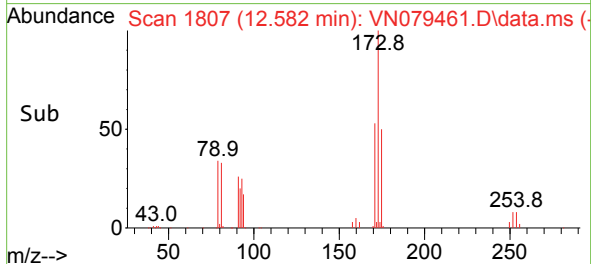
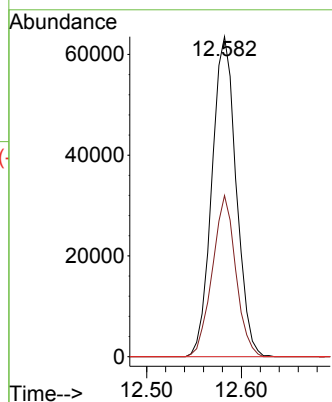
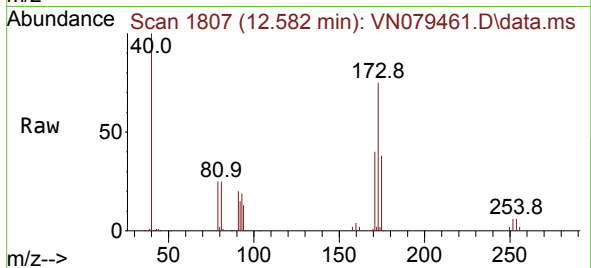
Tgt Ion:173 Resp: 112872

Ion Ratio Lower Upper

173 100

175 48.7 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: VN079461.D

Acq: 09 Oct 2023 10:27

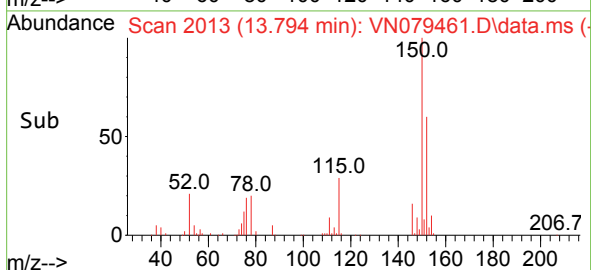
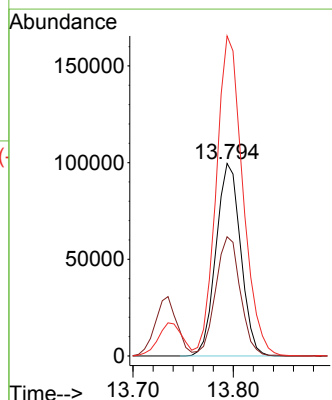
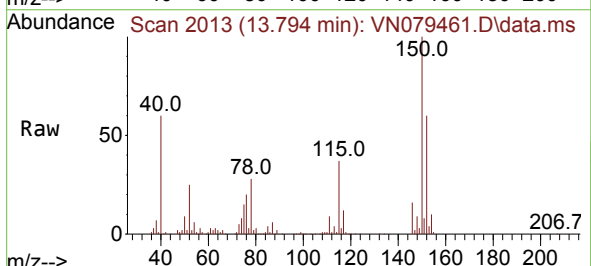
Tgt Ion:152 Resp: 169650

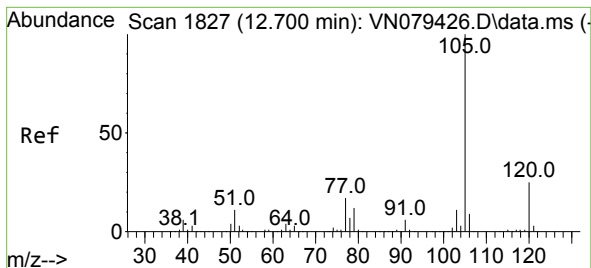
Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 179.5 0.0 355.8





#73

Isopropylbenzene

Concen: 46.313 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

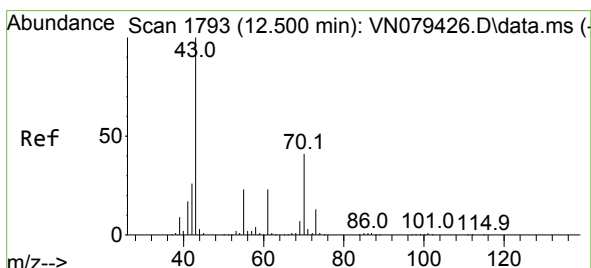
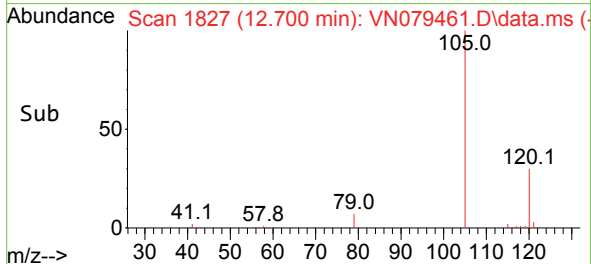
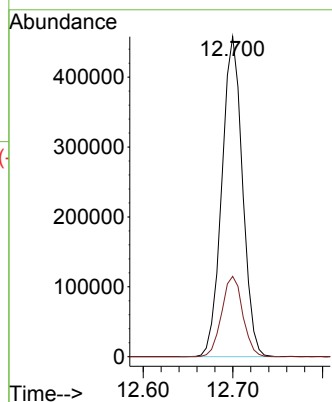
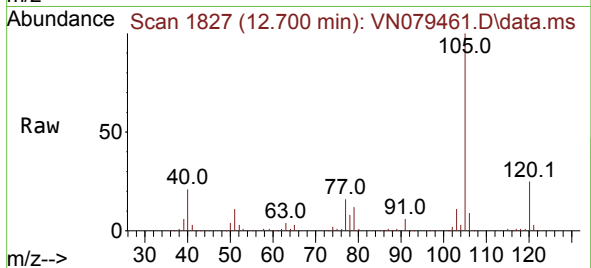
ClientSampleId :

Tgt Ion:105 Resp: 730962

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 46.015 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Tgt Ion: 43 Resp: 297736

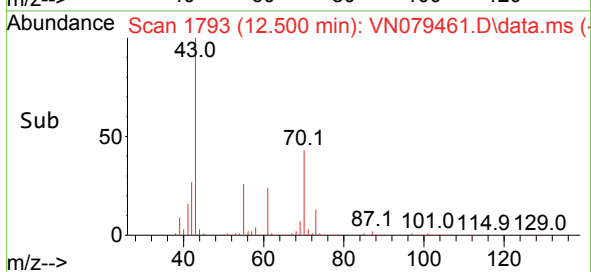
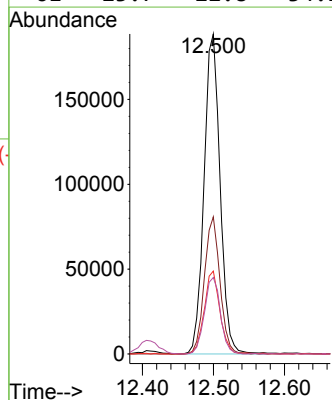
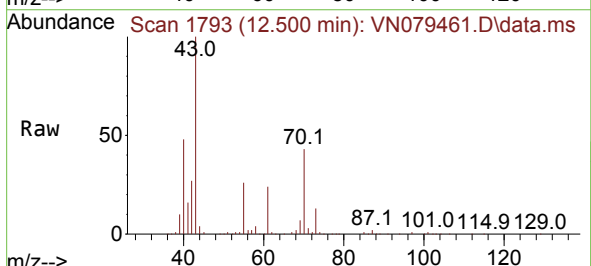
Ion Ratio Lower Upper

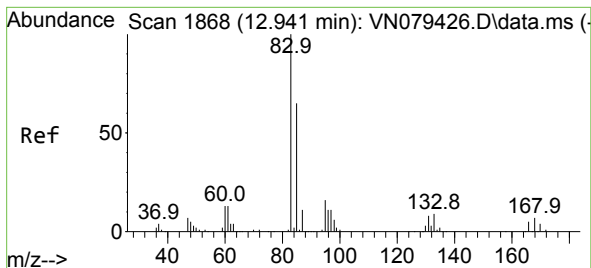
43 100

70 41.4 43.4 65.2#

55 25.4 21.4 32.0

61 23.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.368 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

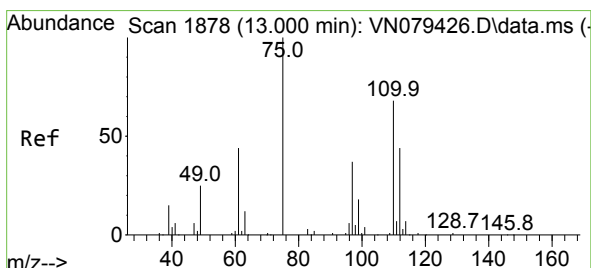
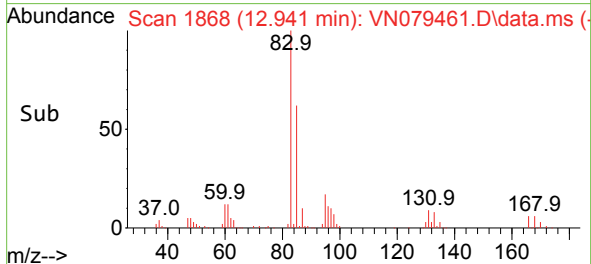
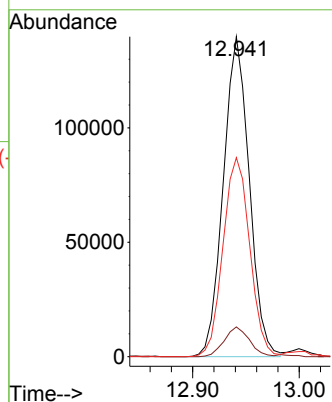
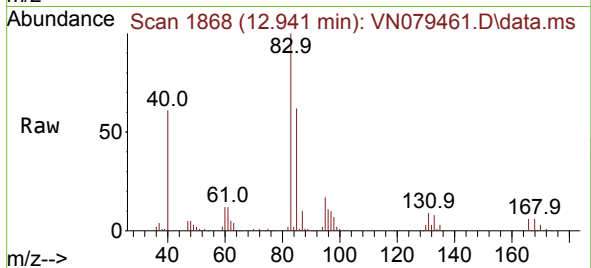
Tgt Ion: 83 Resp: 236662

Ion Ratio Lower Upper

83 100

131 9.0 5.0 15.0

85 64.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 58.266 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079461.D

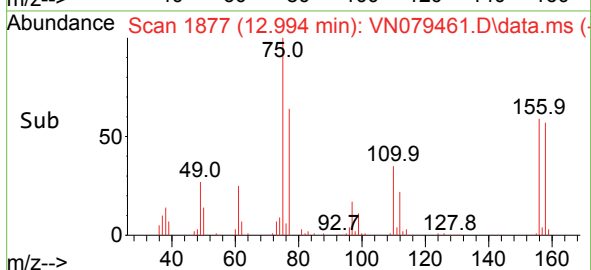
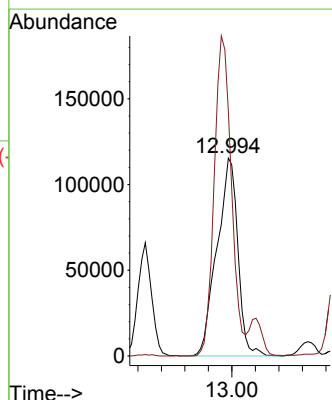
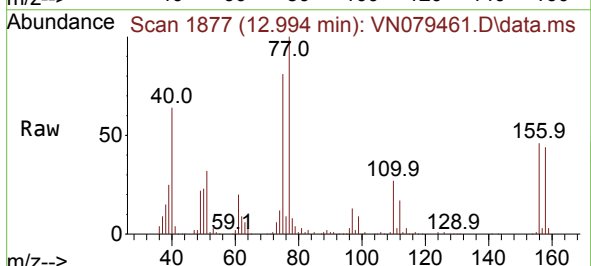
Acq: 09 Oct 2023 10:27

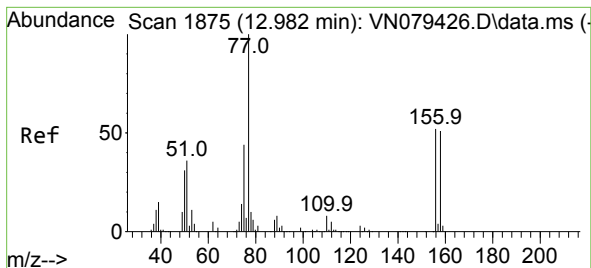
Tgt Ion: 75 Resp: 285006

Ion Ratio Lower Upper

75 100

77 132.7 84.5 253.5





#77

Bromobenzene

Concen: 42.899 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

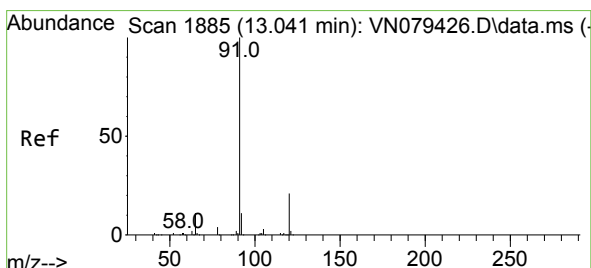
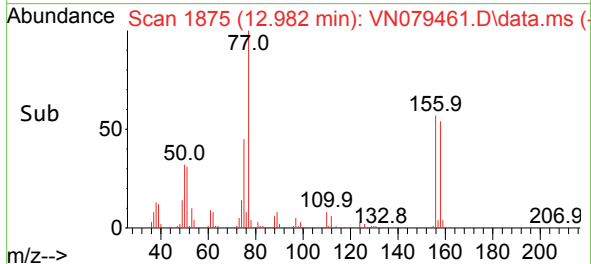
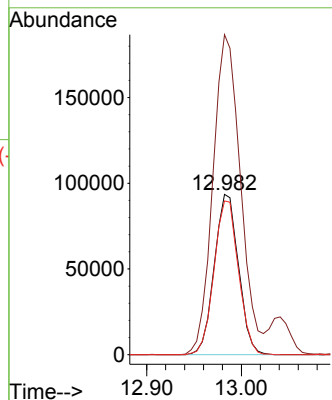
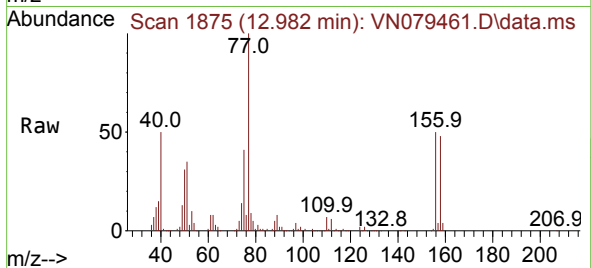
Tgt Ion:156 Resp: 166019

Ion Ratio Lower Upper

156 100

77 227.8 107.7 323.3

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 49.093 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079461.D

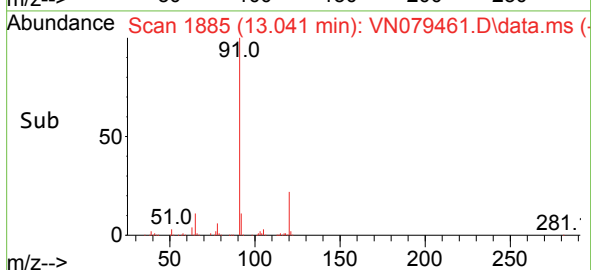
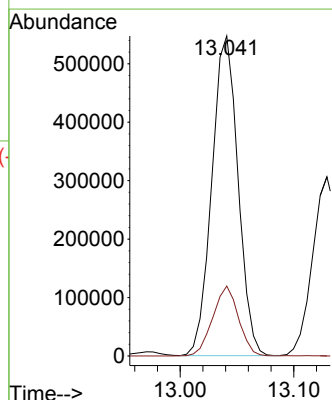
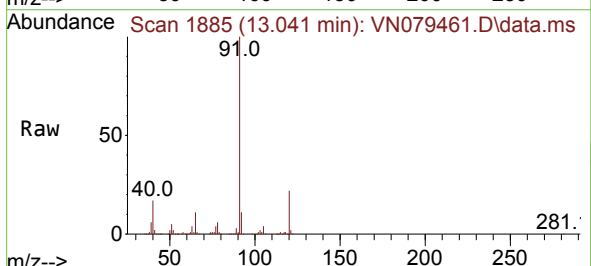
Acq: 09 Oct 2023 10:27

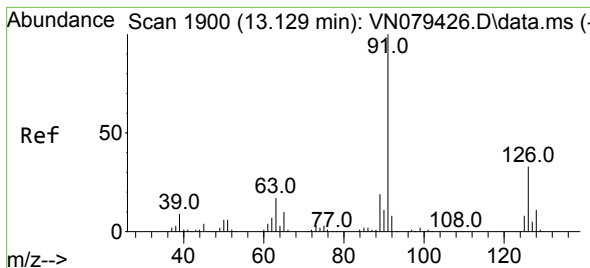
Tgt Ion: 91 Resp: 876651

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

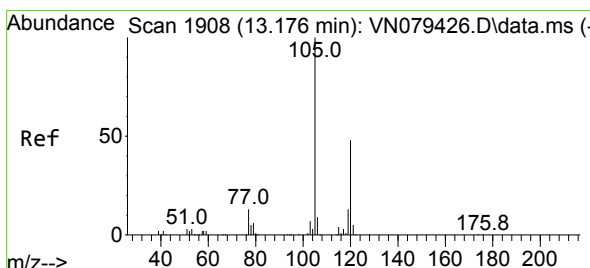
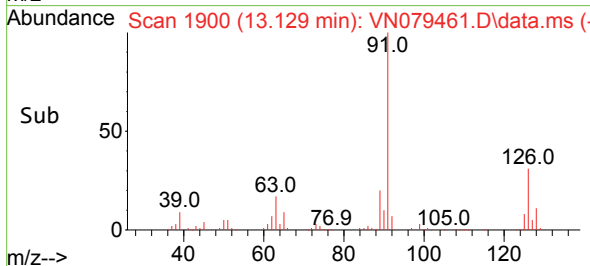
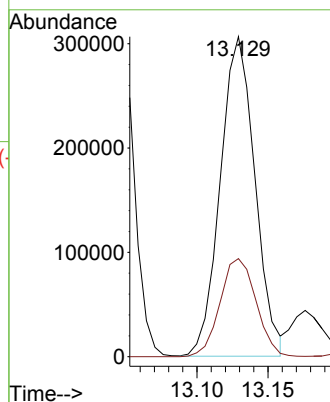
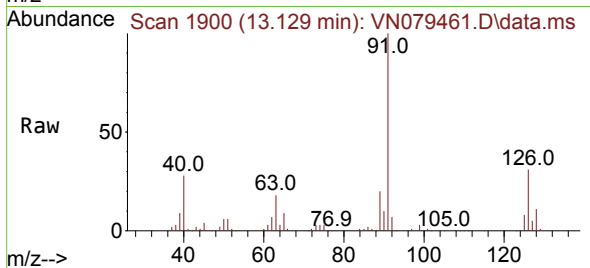




#79
2-Chlorotoluene
Concen: 45.456 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

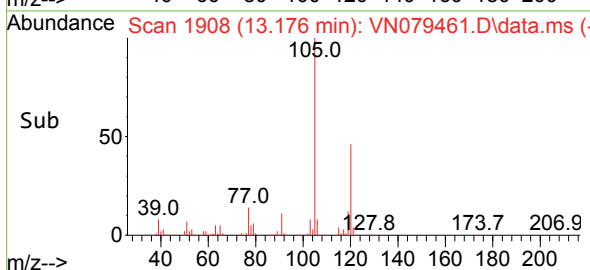
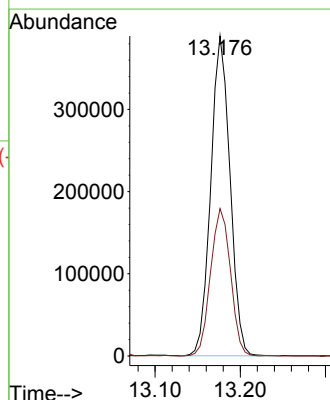
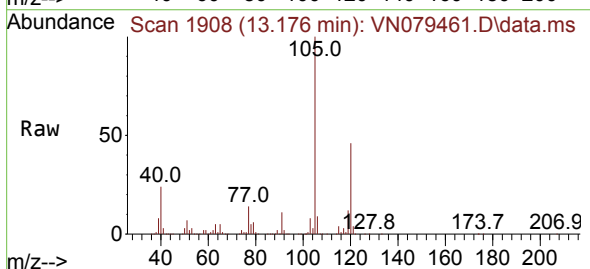
Instrument :
MSVOA_N
ClientSampleId :

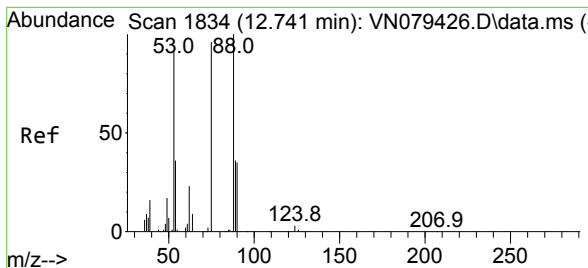
Tgt Ion: 91 Resp: 519413
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 49.128 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion:105 Resp: 611425
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3

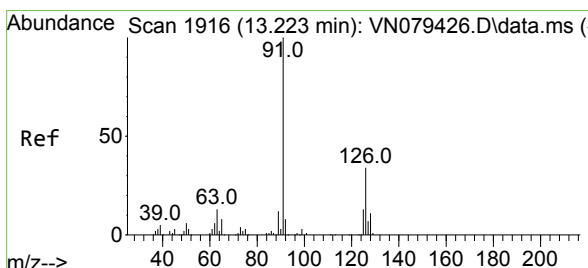
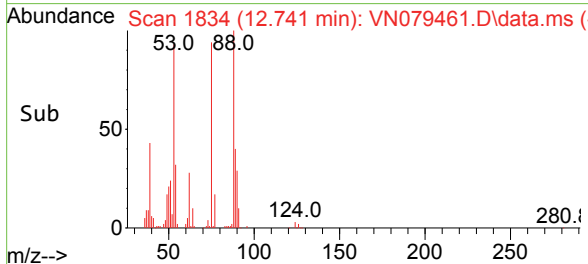
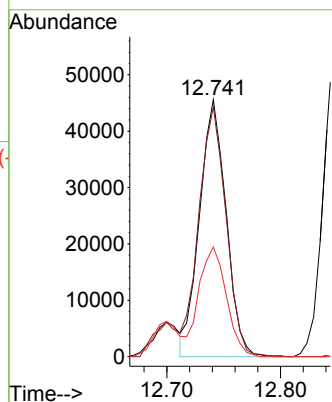
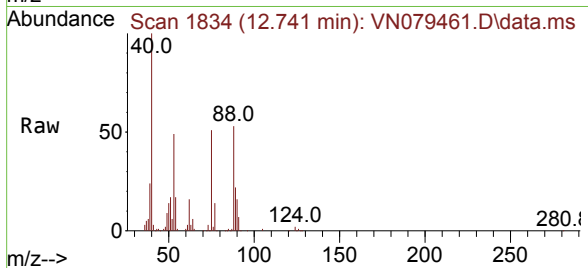




#81
trans-1,4-Dichloro-2-butene
Concen: 43.956 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

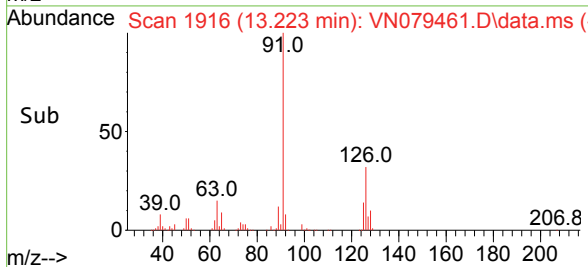
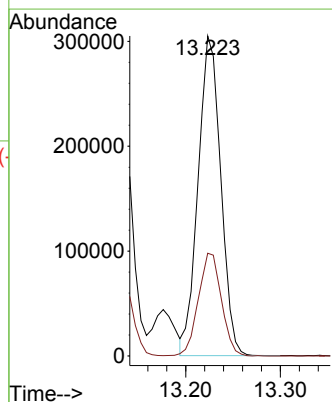
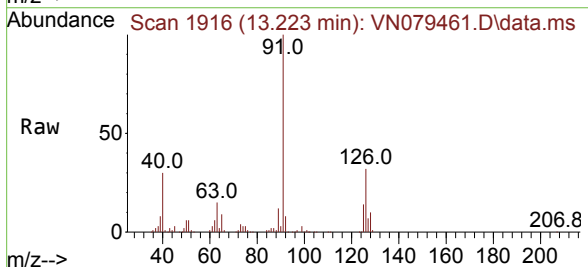
Instrument :
MSVOA_N
ClientSampleId :

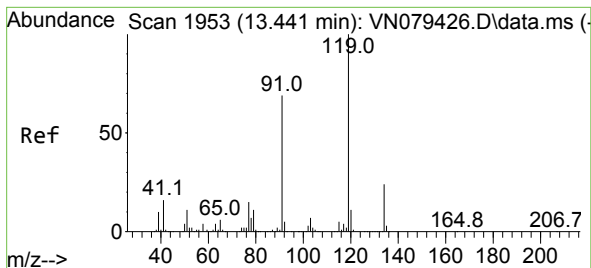
Tgt Ion: 75 Resp: 74102
Ion Ratio Lower Upper
75 100
53 99.9 67.4 101.2
89 43.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 46.499 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

Tgt Ion: 91 Resp: 505604
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 47.858 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

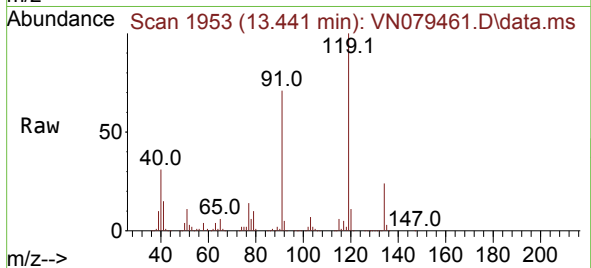
Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :



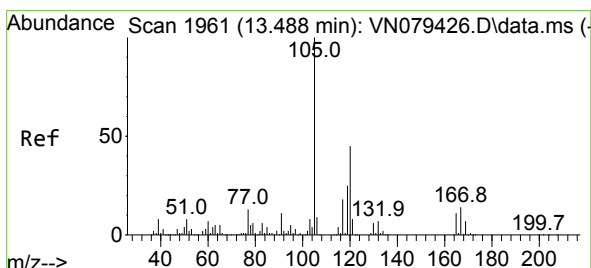
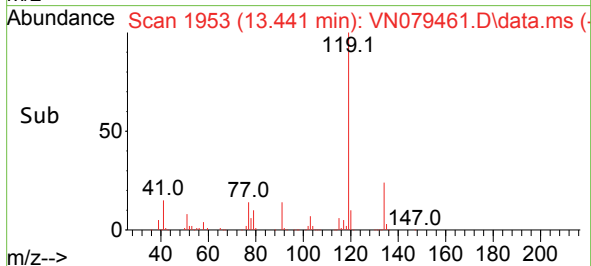
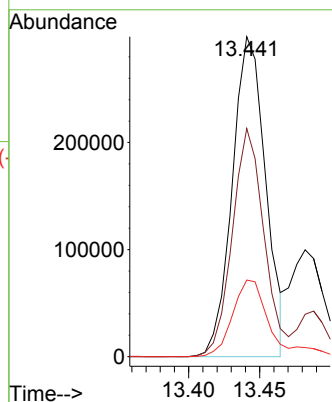
Tgt Ion:119 Resp: 487995

Ion Ratio Lower Upper

119 100

91 68.2 33.9 101.7

134 26.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 50.849 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079461.D

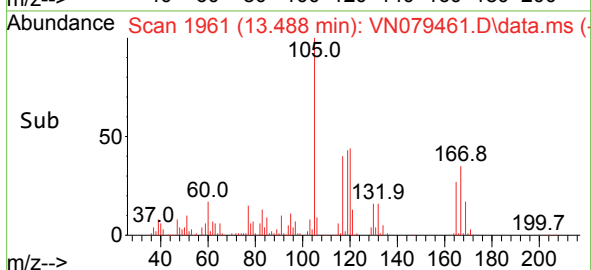
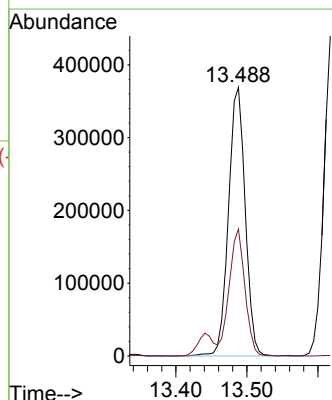
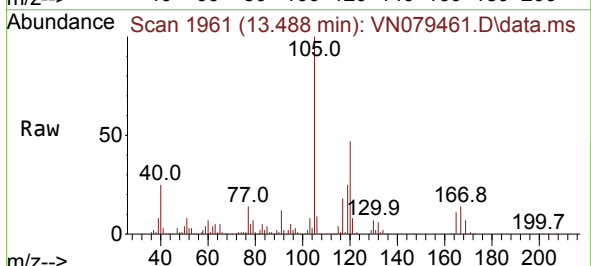
Acq: 09 Oct 2023 10:27

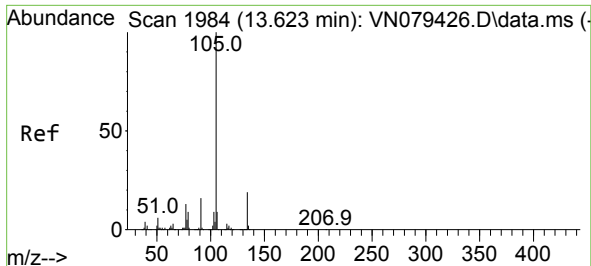
Tgt Ion:105 Resp: 603945

Ion Ratio Lower Upper

105 100

120 44.5 22.0 66.0

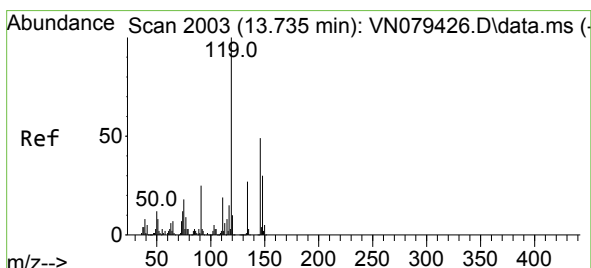
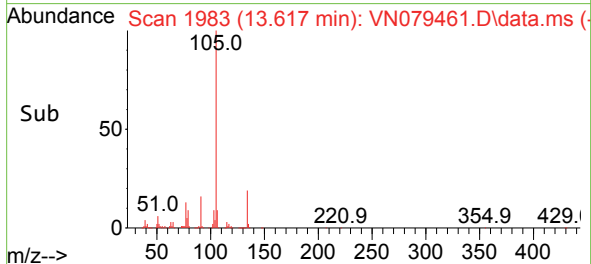
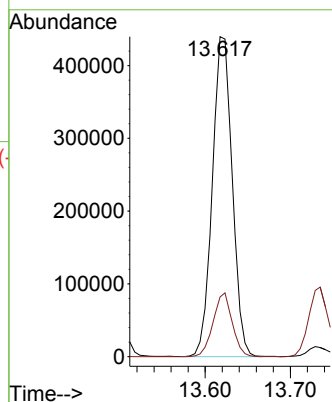
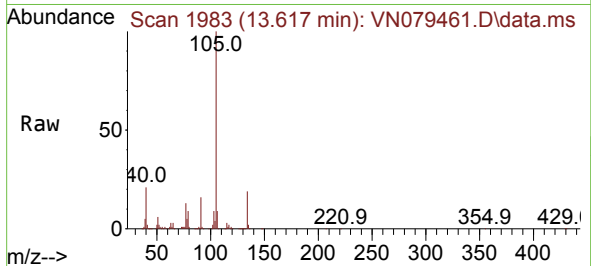




#85
 sec-Butylbenzene
 Concen: 50.327 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079461.D
 Acq: 09 Oct 2023 10:27

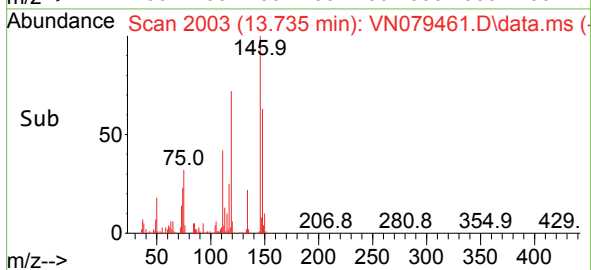
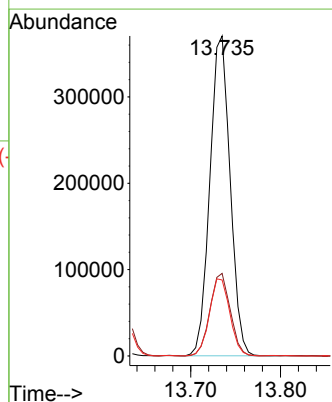
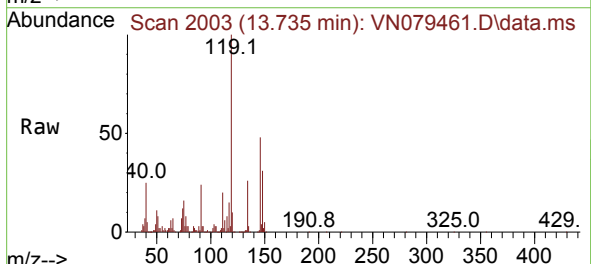
Instrument :
 MSVOA_N
 ClientSampleId :

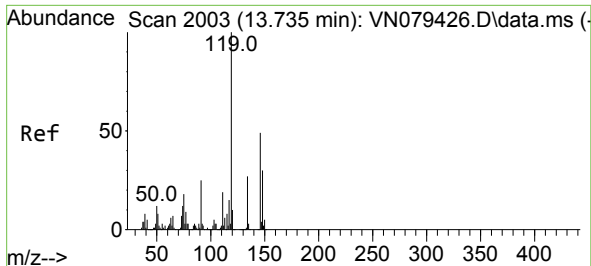
Tgt Ion:105 Resp: 715790
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 53.135 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079461.D
 Acq: 09 Oct 2023 10:27

Tgt Ion:119 Resp: 579756
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.371 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

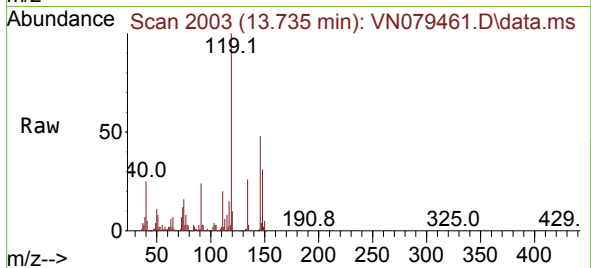
Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :



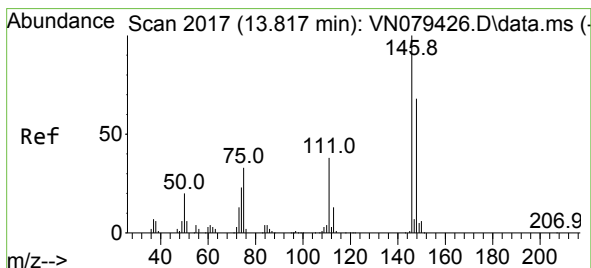
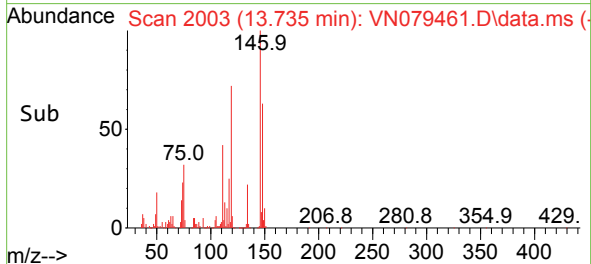
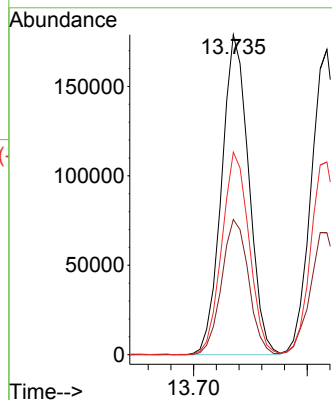
Tgt Ion:146 Resp: 296906

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.3

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 45.754 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

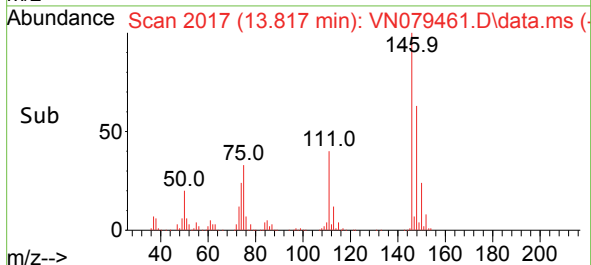
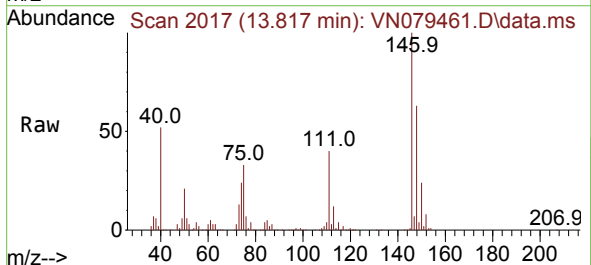
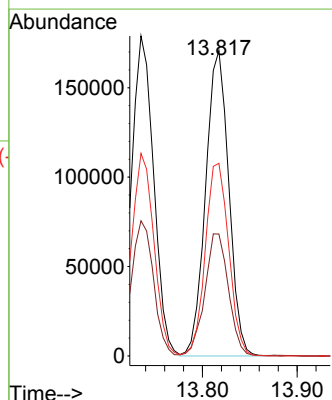
Tgt Ion:146 Resp: 289985

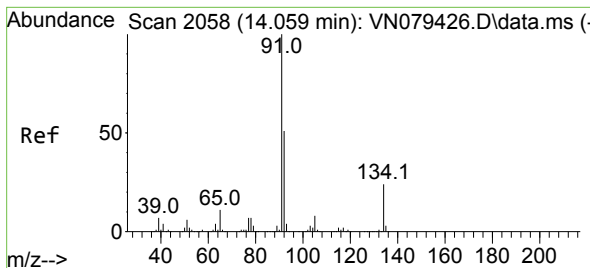
Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 54.493 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

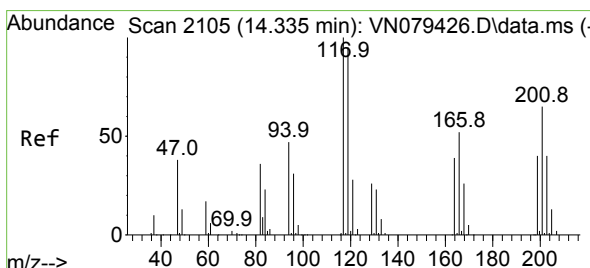
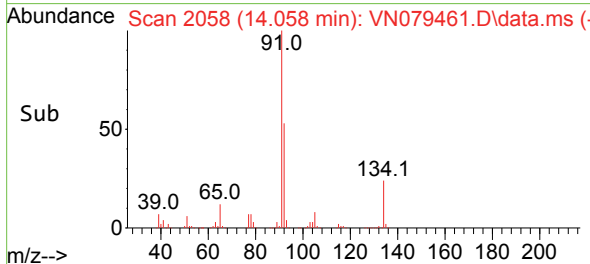
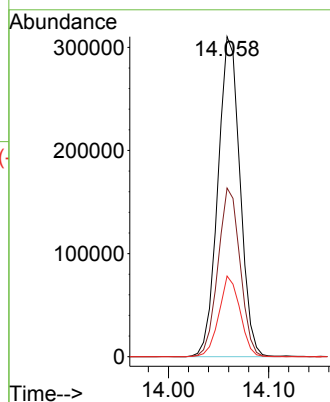
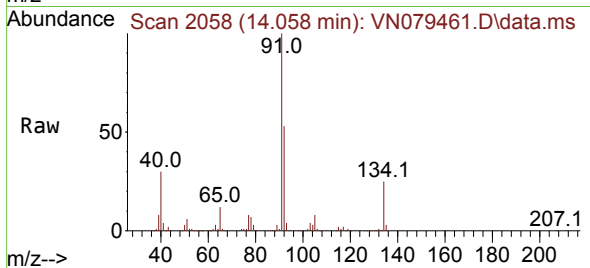
Tgt Ion: 91 Resp: 474798

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

134 24.0 12.6 37.6



#90

Hexachloroethane

Concen: 50.456 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN079461.D

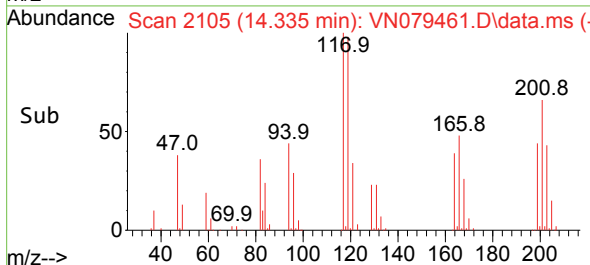
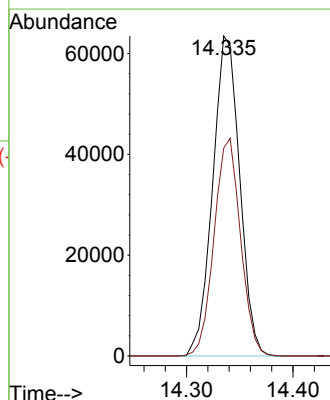
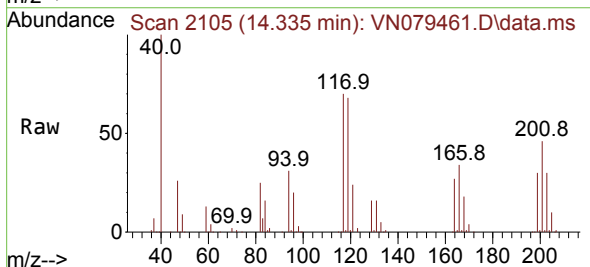
Acq: 09 Oct 2023 10:27

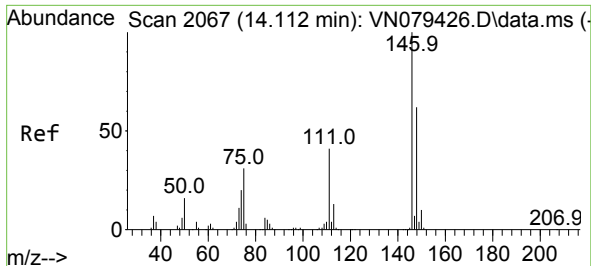
Tgt Ion: 117 Resp: 111746

Ion Ratio Lower Upper

117 100

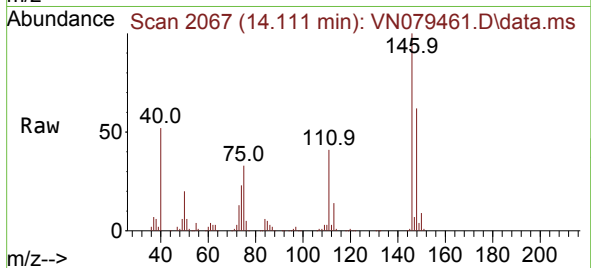
201 66.5 29.3 88.0



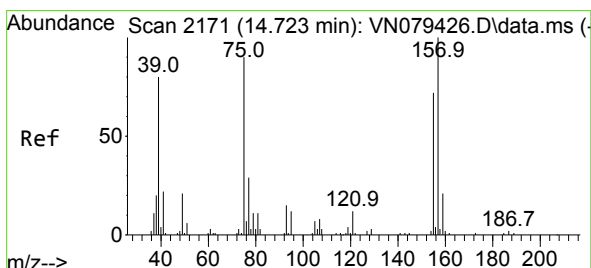
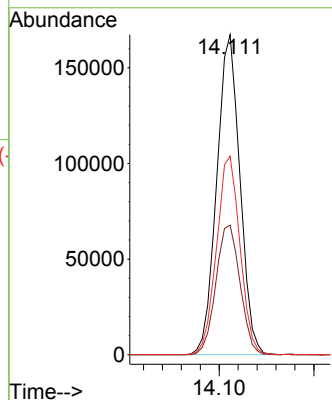
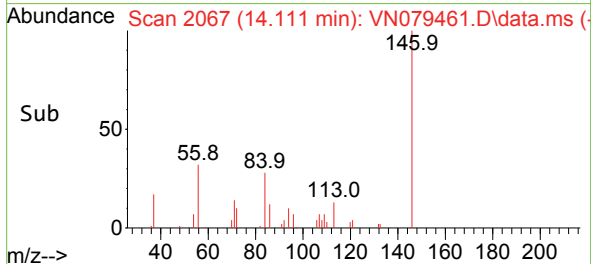


#91
1,2-Dichlorobenzene
Concen: 47.515 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27

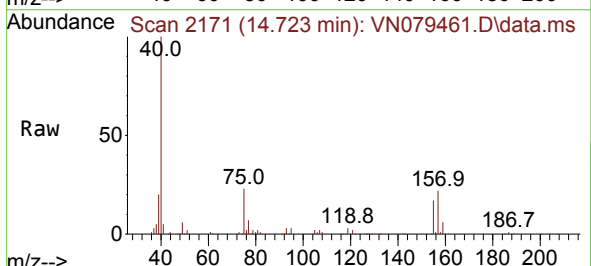
Instrument :
MSVOA_N
ClientSampleId :



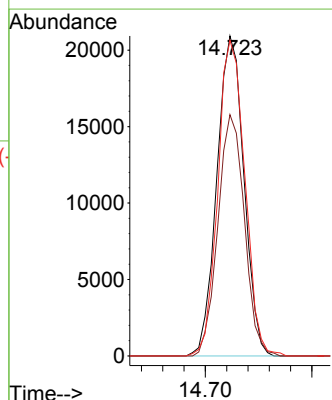
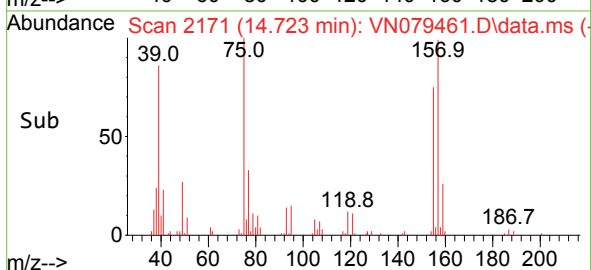
Tgt Ion:146 Resp: 284482
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 62.8 31.8 95.3

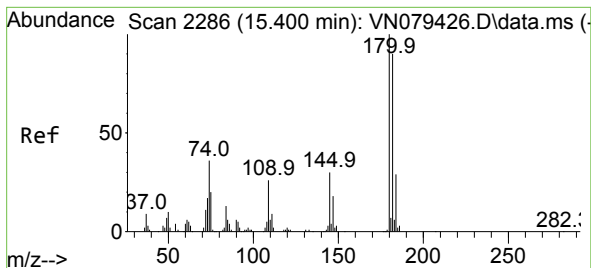


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.354 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079461.D
Acq: 09 Oct 2023 10:27



Tgt Ion: 75 Resp: 36829
Ion Ratio Lower Upper
75 100
155 73.9 39.1 117.2
157 98.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 52.387 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

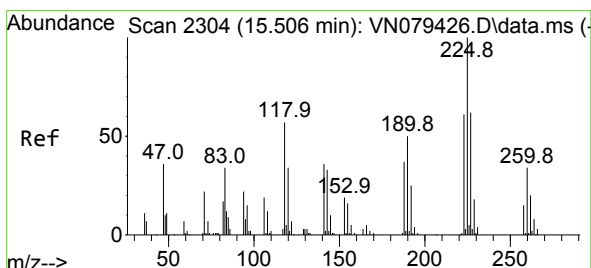
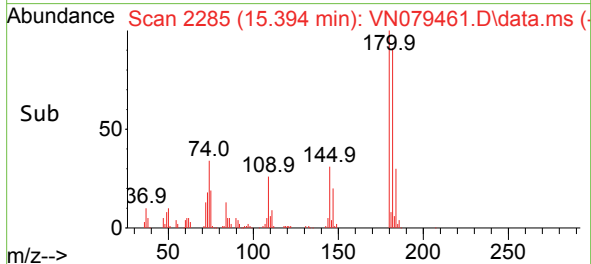
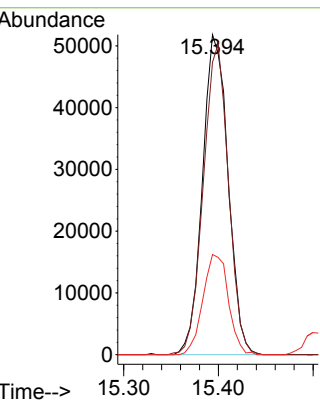
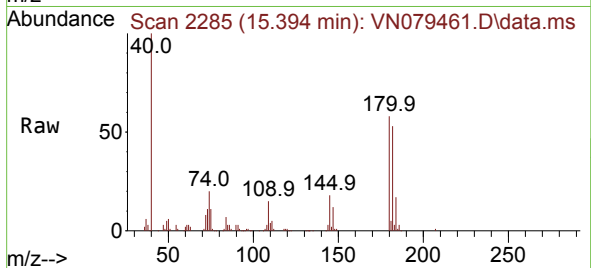
Tgt Ion:180 Resp: 97143

Ion Ratio Lower Upper

180 100

182 95.4 46.1 138.2

145 31.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 46.181 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

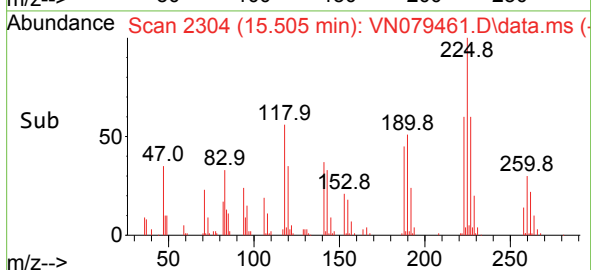
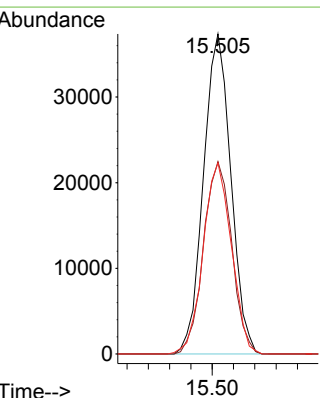
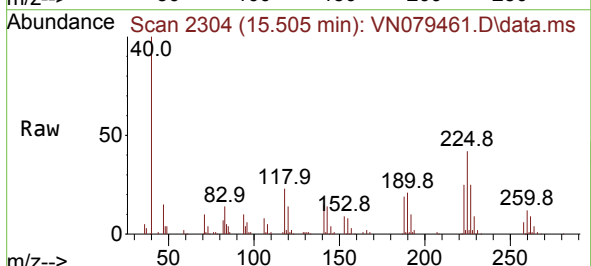
Tgt Ion:225 Resp: 66696

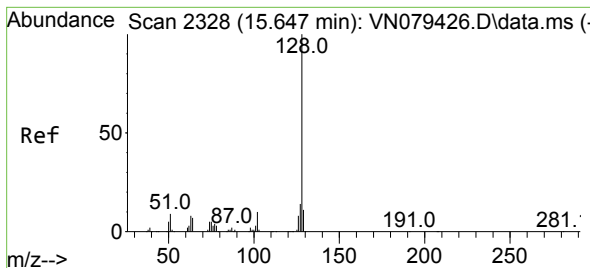
Ion Ratio Lower Upper

225 100

223 62.0 31.3 93.8

227 61.5 31.9 95.9





#95

Naphthalene

Concen: 45.002 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min MSVOA_N

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

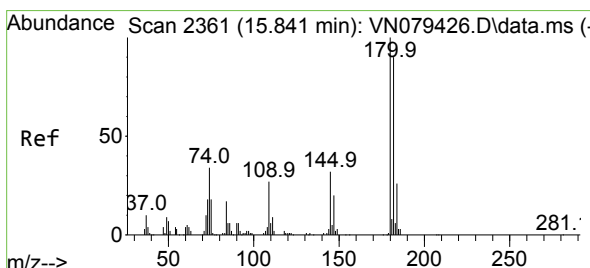
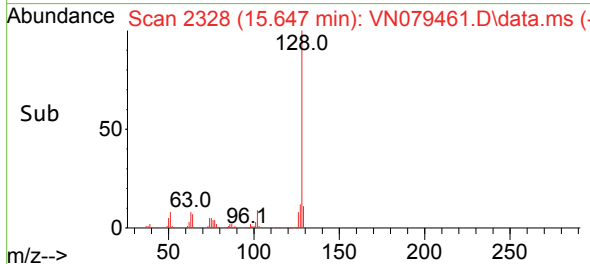
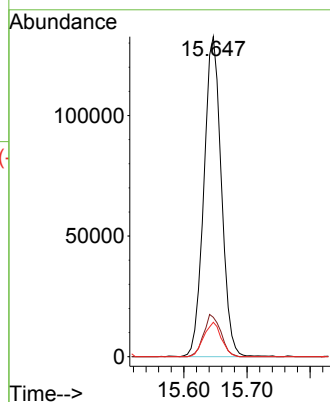
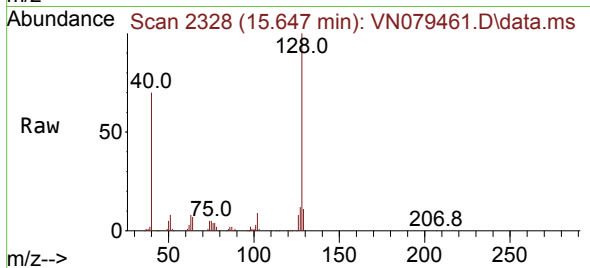
Tgt Ion:128 Resp: 254824

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.007 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079461.D

Acq: 09 Oct 2023 10:27

Tgt Ion:180 Resp: 106232

Ion Ratio Lower Upper

180 100

182 91.7 46.2 138.6

145 32.1 17.5 52.6

