

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079421.D
 Acq On : 05 Oct 2023 15:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 05 16:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	182490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	300705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	150684	61.168	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.340%	
35) Dibromofluoromethane	8.171	113	121231	56.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.140%	
50) Toluene-d8	10.571	98	423071	53.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.580%	
62) 4-Bromofluorobenzene	12.853	95	146604	57.888	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	90343	50.033	ug/l	98
3) Chloromethane	2.365	50	121027	51.059	ug/l	100
4) Vinyl Chloride	2.512	62	145103	56.182	ug/l	94
5) Bromomethane	2.930	94	67890	45.730	ug/l	97
6) Chloroethane	3.112	64	103324	62.797	ug/l	99
7) Trichlorofluoromethane	3.495	101	192119	50.799	ug/l	97
8) Diethyl Ether	3.965	74	73814	56.231	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	112219	55.794	ug/l	99
10) Methyl Iodide	4.583	142	100453	61.056	ug/l	99
11) Tert butyl alcohol	5.530	59	127681	280.738	ug/l	100
12) 1,1-Dichloroethene	4.336	96	101649	52.226	ug/l	89
13) Acrolein	4.183	56	162662	374.941	ug/l	95
14) Allyl chloride	5.024	41	161533	52.026	ug/l #	90
15) Acrylonitrile	5.724	53	381606	323.589	ug/l	98
16) Acetone	4.430	43	316277	302.300	ug/l	96
17) Carbon Disulfide	4.712	76	225070	36.999	ug/l	99
18) Methyl Acetate	5.024	43	303547	70.594	ug/l #	82
19) Methyl tert-butyl Ether	5.806	73	409602	61.362	ug/l	92
20) Methylene Chloride	5.277	84	138672	54.466	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	117276	51.942	ug/l	84
22) Diisopropyl ether	6.677	45	458286	67.272	ug/l #	90
23) Vinyl Acetate	6.606	43	1301264	310.550	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	254582	60.621	ug/l	98
25) 2-Butanone	7.489	43	515175	339.375	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	172928	50.179	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	149733	57.998	ug/l	88
28) Bromochloromethane	7.818	49	115886	61.033	ug/l #	73
29) Tetrahydrofuran	7.841	42	337949	349.833	ug/l #	75
30) Chloroform	7.971	83	273278	62.500	ug/l	96
31) Cyclohexane	8.259	56	180145	50.082	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	219962	59.016	ug/l #	94
36) 1,1-Dichloropropene	8.377	75	181215	54.372	ug/l	95
37) Ethyl Acetate	7.565	43	200819	60.410	ug/l #	91
38) Carbon Tetrachloride	8.365	117	184729	53.560	ug/l	100
39) Methylcyclohexane	9.606	83	159015	48.369	ug/l #	86
40) Benzene	8.612	78	564710	55.349	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	114631	68.391	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	215204	61.270	ug/l	97
43) Isopropyl Acetate	8.694	43	338662	62.436	ug/l #	89
44) Trichloroethene	9.359	130	126996	50.528	ug/l	98
45) 1,2-Dichloropropane	9.630	63	157276	62.113	ug/l	97
46) Dibromomethane	9.712	93	102724	59.761	ug/l	96
47) Bromodichloromethane	9.894	83	218446	62.046	ug/l	99
48) Methyl methacrylate	9.688	41	162178	66.751	ug/l #	79
49) 1,4-Dioxane	9.700	88	60966	1219.993	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1102507	350.147	ug/l	88
52) Toluene	10.635	92	338377	53.967	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	211864	57.070	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	229476	57.794	ug/l #	89
55) 1,1,2-Trichloroethane	11.024	97	148087	60.190	ug/l	96
56) Ethyl methacrylate	10.877	69	220422	63.467	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	255287	60.024	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	431653	290.212	ug/l #	88
59) 2-Hexanone	11.200	43	799734	350.673	ug/l	86
60) Dibromochloromethane	11.365	129	155103	59.235	ug/l	99
61) 1,2-Dibromoethane	11.477	107	138715	56.497	ug/l	99
64) Tetrachloroethene	11.106	164	102297	46.655	ug/l	97
65) Chlorobenzene	11.894	112	359159	52.723	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	142115	55.634	ug/l	98
67) Ethyl Benzene	11.971	91	666672	57.215	ug/l	96
68) m/p-Xylenes	12.077	106	498335	114.742	ug/l	95
69) o-Xylene	12.400	106	241118	57.887	ug/l	93
70) Styrene	12.412	104	413565	61.734	ug/l	97
71) Bromoform	12.582	173	103858	55.074	ug/l #	99
73) Isopropylbenzene	12.700	105	633342	51.637	ug/l	100
74) N-amyl acetate	12.500	43	275728	59.253	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	231067	50.591	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	270614	74.481	ug/l	67
77) Bromobenzene	12.982	156	145259	46.771	ug/l	93
78) n-propylbenzene	13.041	91	750385	54.461	ug/l	97
79) 2-Chlorotoluene	13.129	91	455780	50.577	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	528055	51.668	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	63105	47.749	ug/l #	84
82) 4-Chlorotoluene	13.224	91	435589	51.441	ug/l	99
83) tert-Butylbenzene	13.441	119	432511	51.156	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	523470	53.782	ug/l	100
85) sec-Butylbenzene	13.623	105	617236	53.029	ug/l	99
86) p-Isopropyltoluene	13.735	119	487952	52.473	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	261859	51.405	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	248012	48.182	ug/l	98
89) n-Butylbenzene	14.059	91	385674	52.741	ug/l	98
90) Hexachloroethane	14.335	117	99331	52.600	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	260233	51.750	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36658	52.798	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	82598	45.707	ug/l	98
94) Hexachlorobutadiene	15.506	225	56149	39.498	ug/l	99
95) Naphthalene	15.647	128	223572	41.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	88436	41.487	ug/l	97

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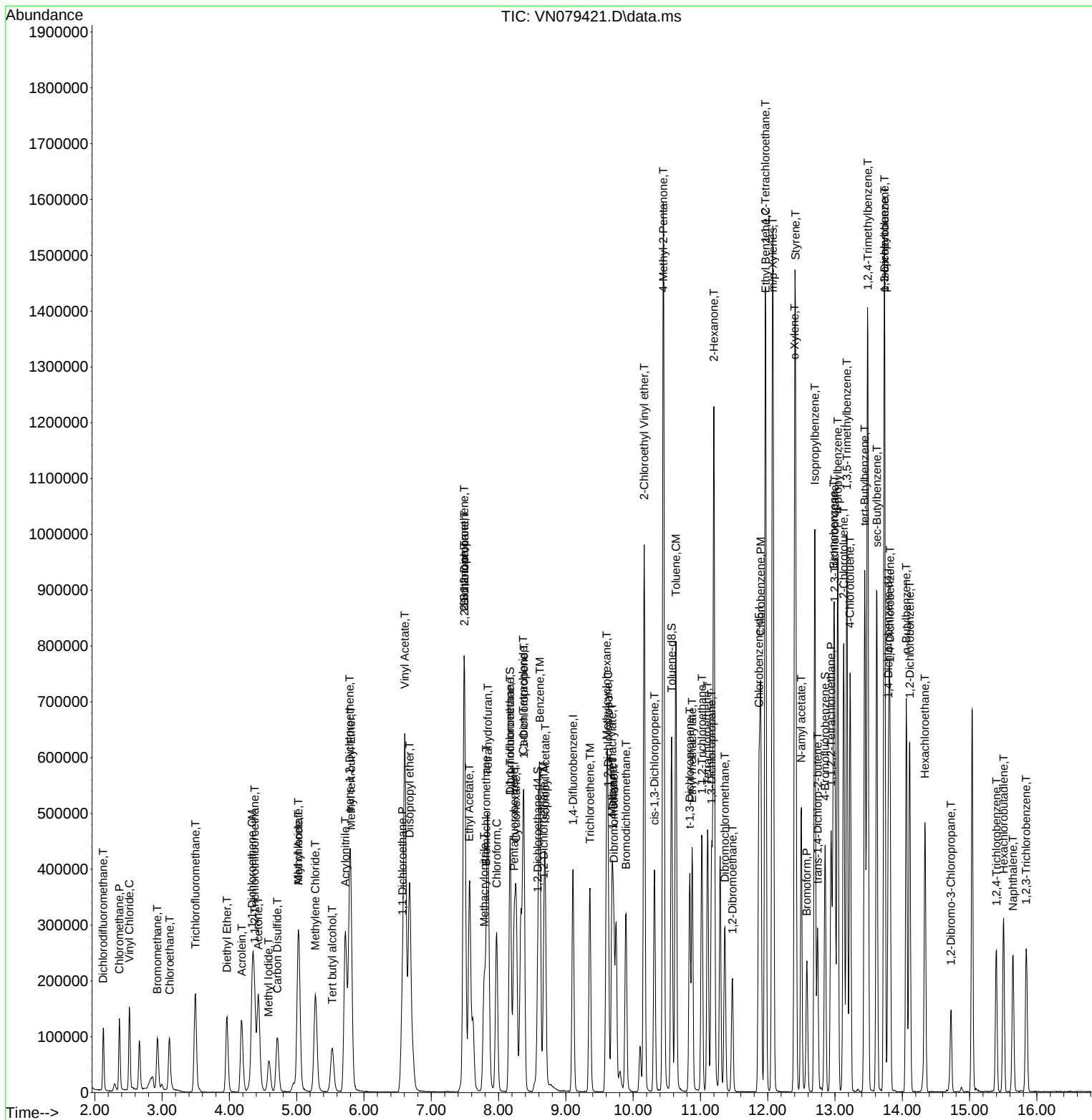
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

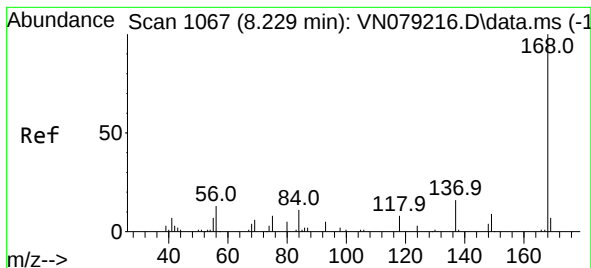
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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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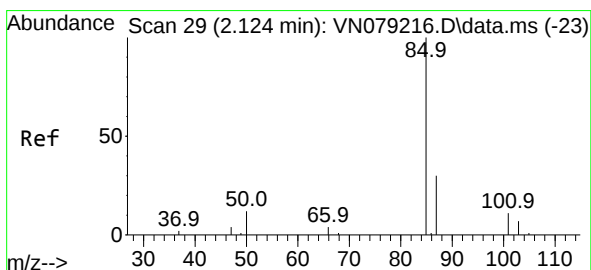
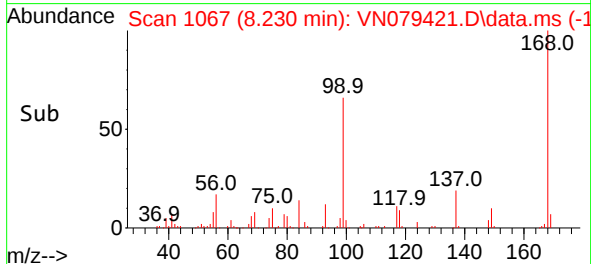
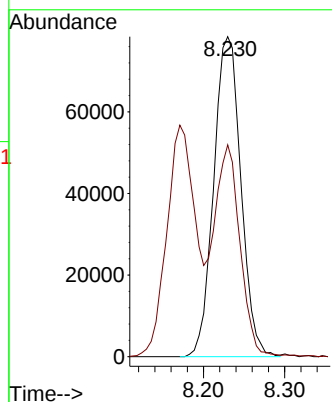
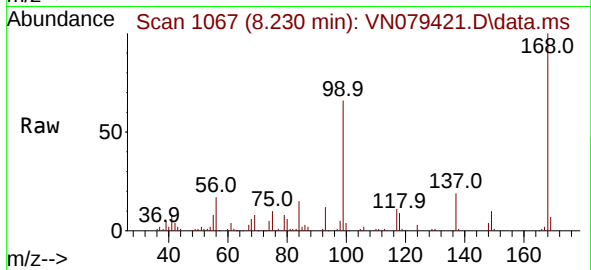
VSTDCCC050

Tgt Ion:168 Resp: 182490

Ion Ratio Lower Upper

168 100

99 65.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 50.033 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.012 min

Lab File: VN079421.D

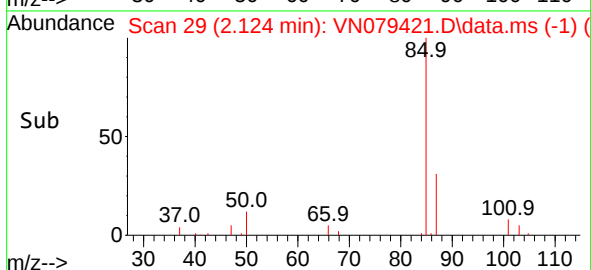
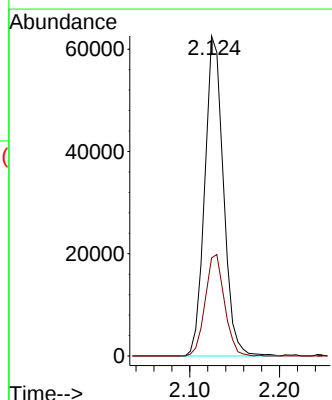
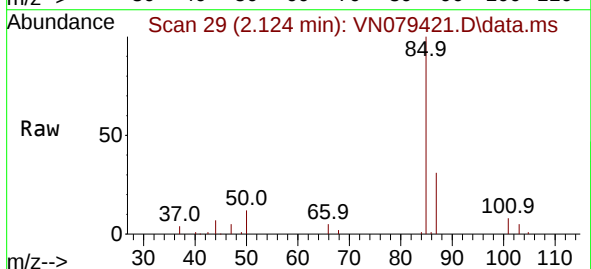
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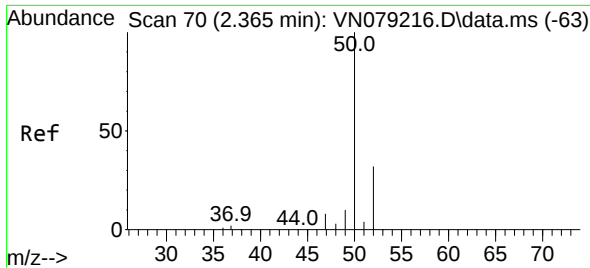
Tgt Ion: 85 Resp: 90343

Ion Ratio Lower Upper

85 100

87 30.6 15.8 47.4

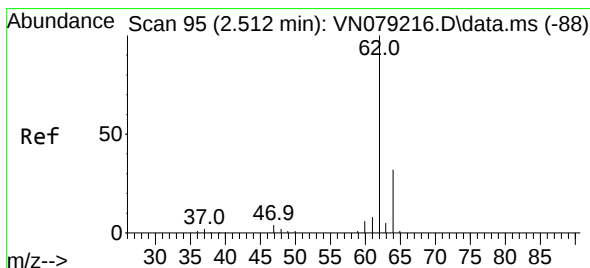
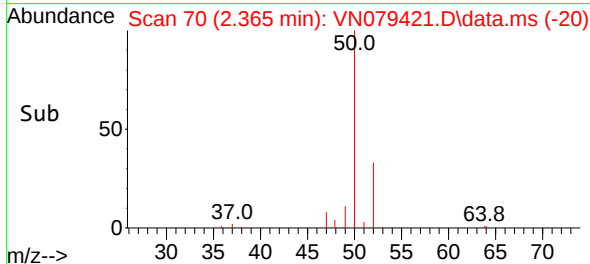
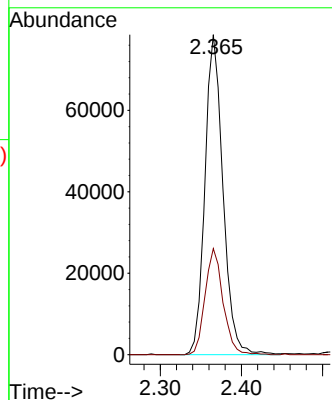
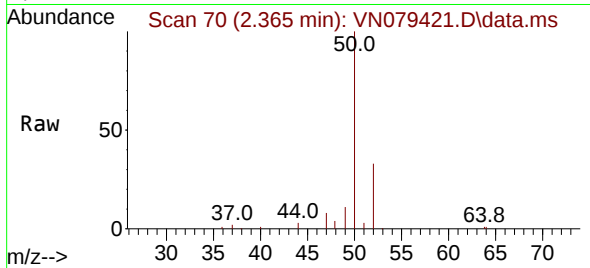




#3
Chloromethane
Concen: 51.059 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

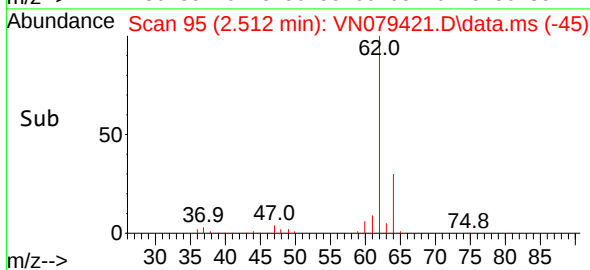
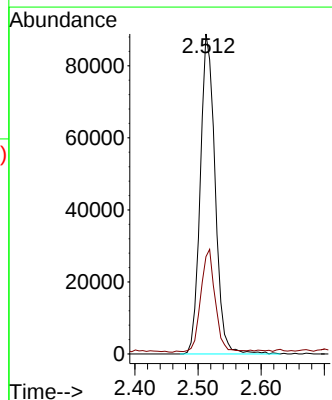
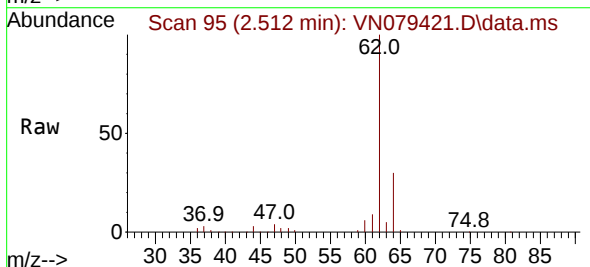
Instrument :
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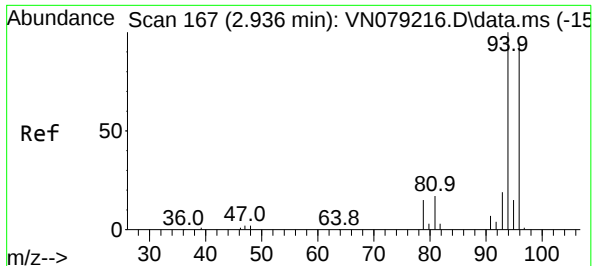
Tgt Ion: 50 Resp: 121027
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7



#4
Vinyl Chloride
Concen: 56.182 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 62 Resp: 145103
Ion Ratio Lower Upper
62 100
64 29.6 26.2 39.2





#5

Bromomethane

Concen: 45.730 ug/l

RT: 2.930 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

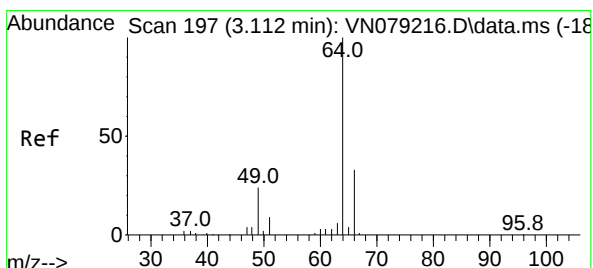
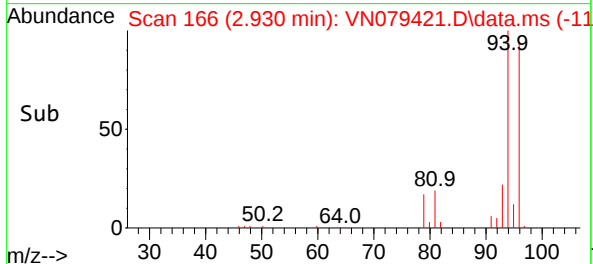
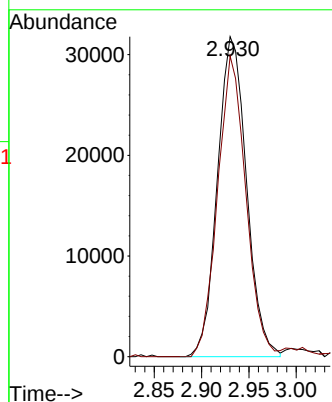
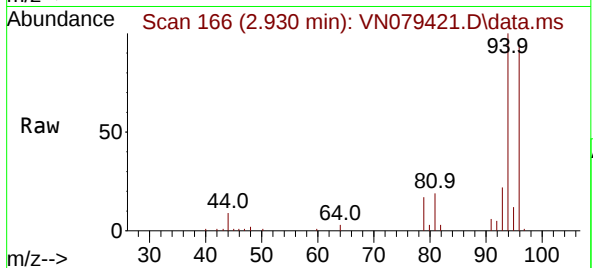
VSTDCCC050

Tgt Ion: 94 Resp: 67890

Ion Ratio Lower Upper

94 100

96 94.0 73.1 109.7



#6

Chloroethane

Concen: 62.797 ug/l

RT: 3.112 min Scan# 197

Delta R.T. -0.006 min

Lab File: VN079421.D

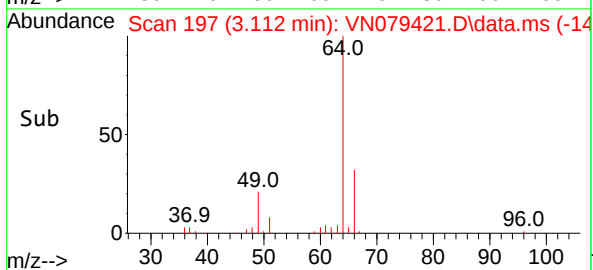
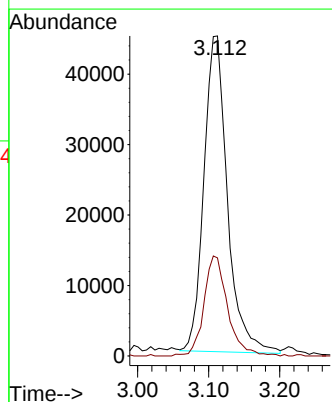
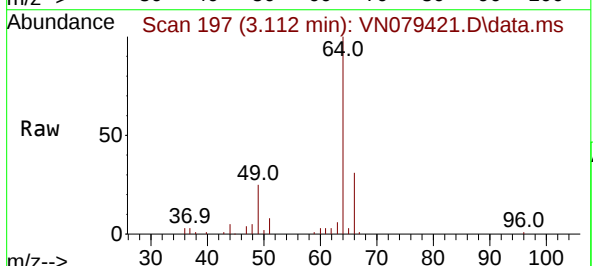
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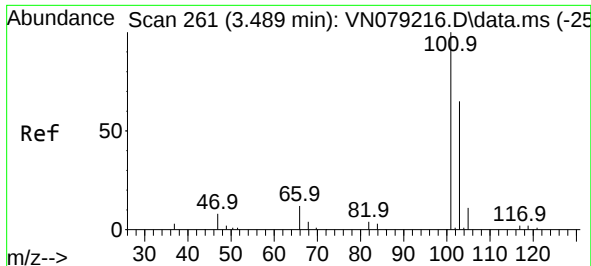
Tgt Ion: 64 Resp: 103324

Ion Ratio Lower Upper

64 100

66 31.2 25.4 38.2

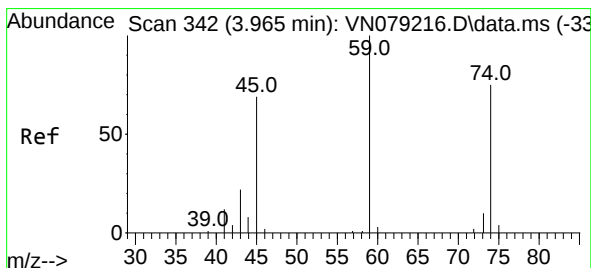
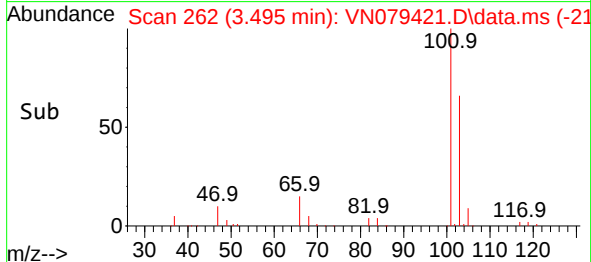
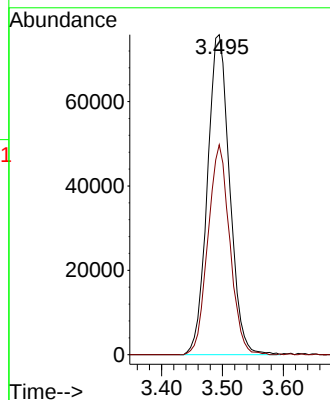
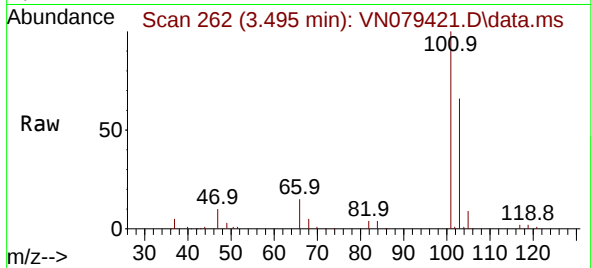




#7
 Trichlorofluoromethane
 Concen: 50.799 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN079421.D
 Acq: 05 Oct 2023 15:50

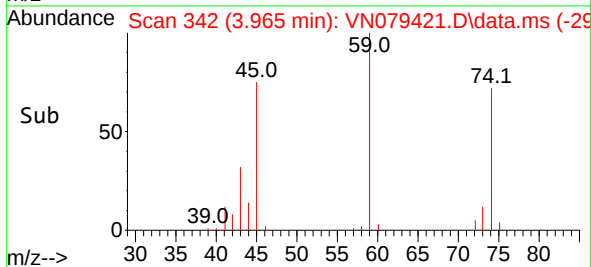
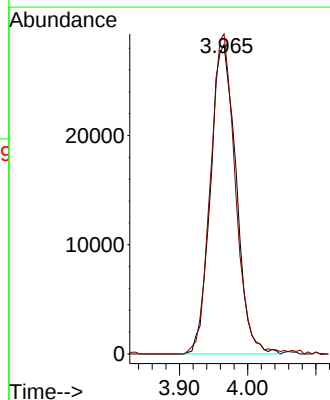
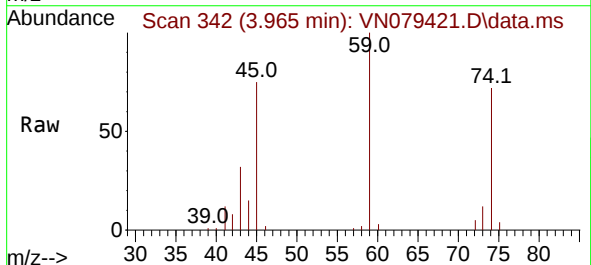
Instrument :
 MSVOA_N
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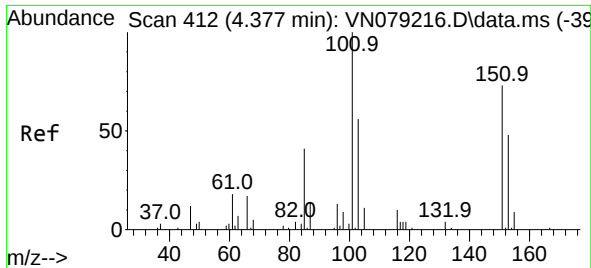
Tgt Ion:101 Resp: 192119
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 56.231 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN079421.D
 Acq: 05 Oct 2023 15:50

Tgt Ion: 74 Resp: 73814
 Ion Ratio Lower Upper
 74 100
 45 100.7 34.4 103.3

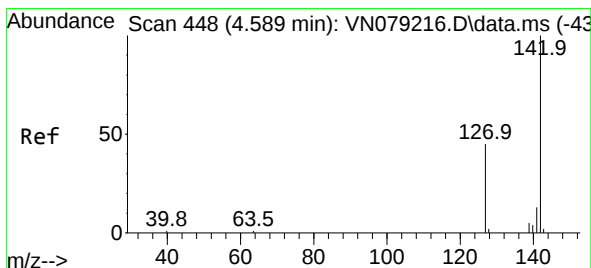
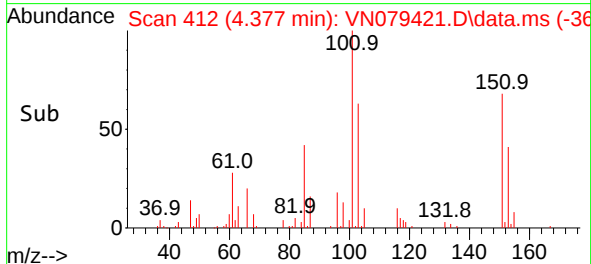
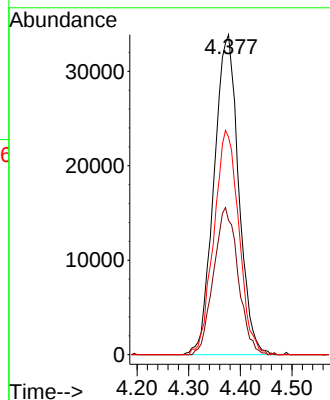
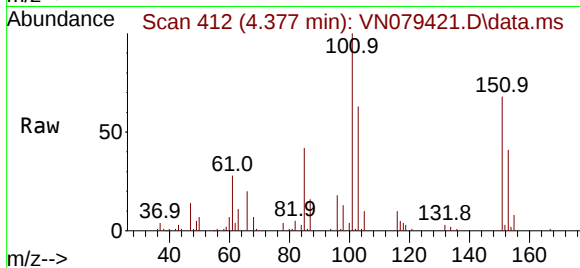




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.794 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

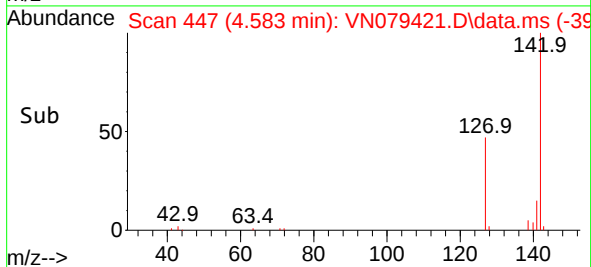
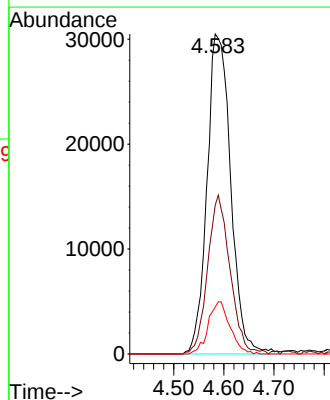
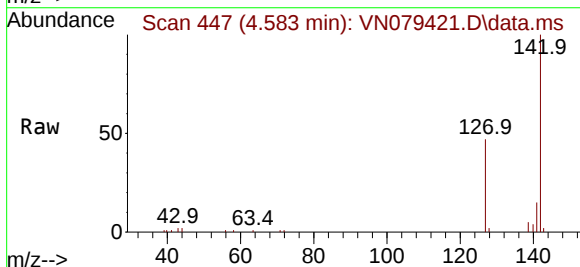
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

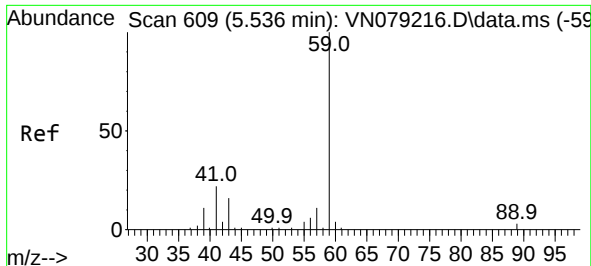
Tgt Ion:101 Resp: 112219
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 71.1 57.6 86.4



#10
Methyl Iodide
Concen: 61.056 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.017 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion:142 Resp: 100453
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 14.7 11.4 17.0

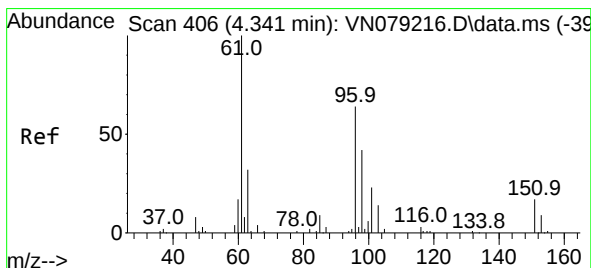
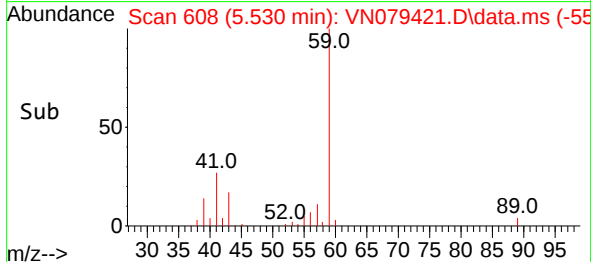
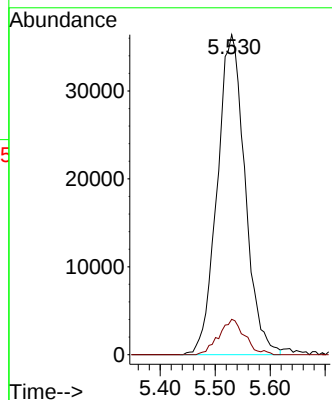
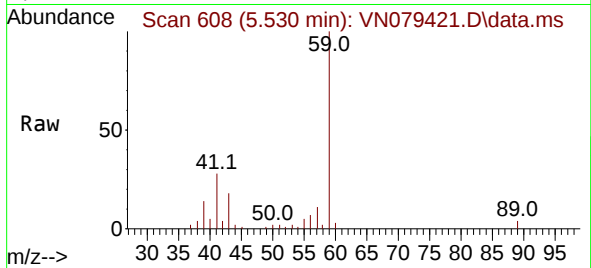




#11
Tert butyl alcohol
Concen: 280.738 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

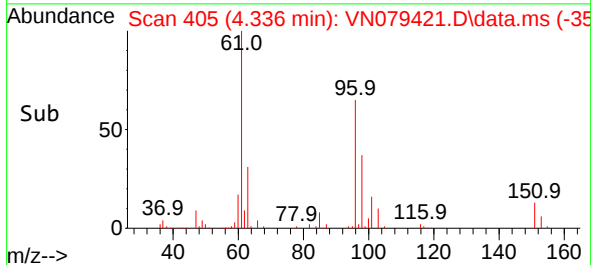
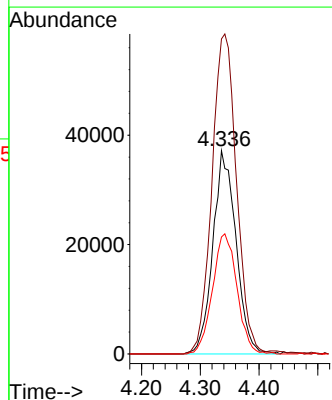
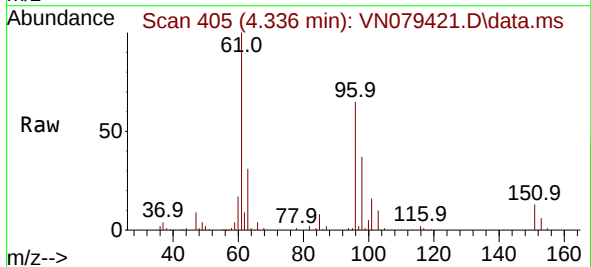
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

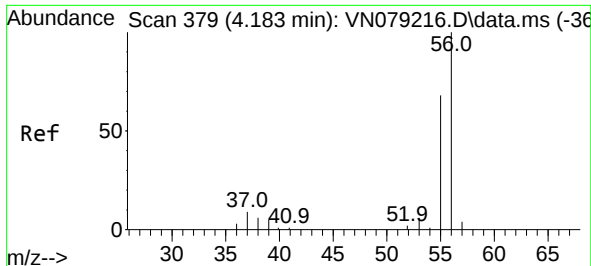
Tgt Ion: 59 Resp: 127681
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.226 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 96 Resp: 101649
Ion Ratio Lower Upper
96 100
61 155.0 112.7 169.1
98 57.6 51.2 76.8

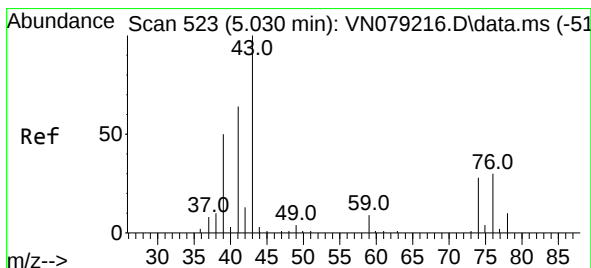
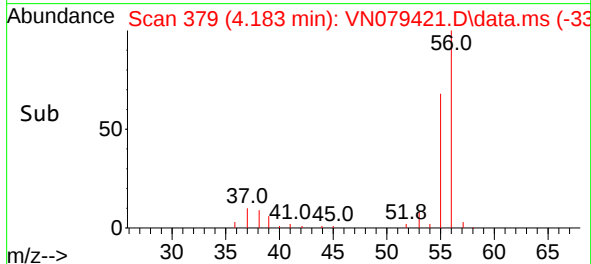
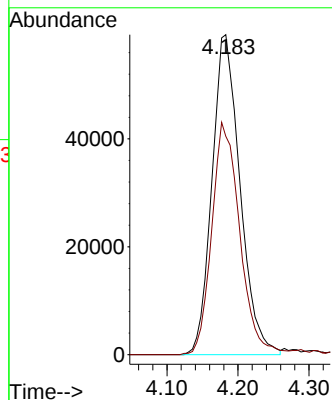
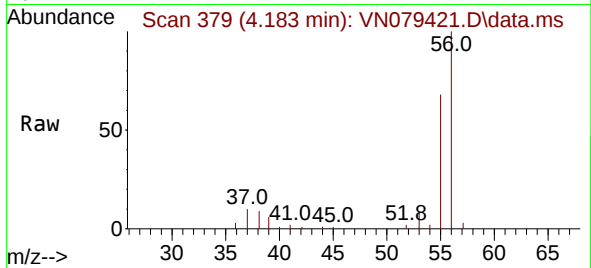




#13
Acrolein
Concen: 374.941 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

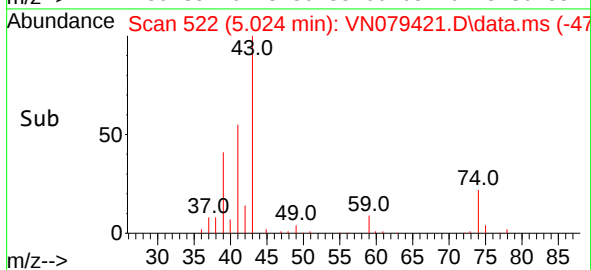
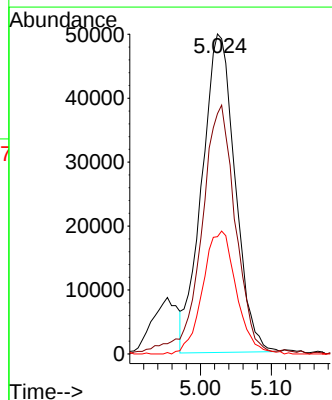
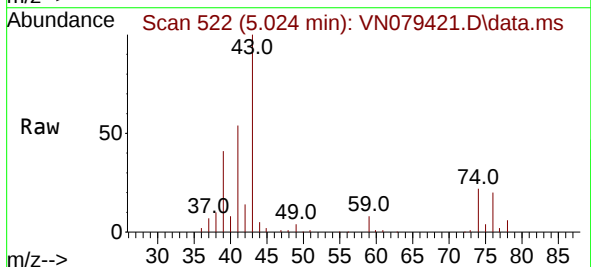
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

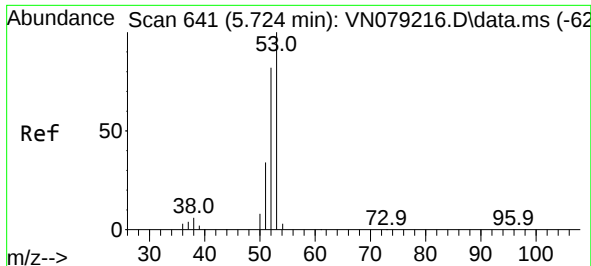
Tgt Ion: 56 Resp: 162662
Ion Ratio Lower Upper
56 100
55 72.3 54.5 81.7



#14
Allyl chloride
Concen: 52.026 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 41 Resp: 161533
Ion Ratio Lower Upper
41 100
39 80.0 58.8 88.2
76 39.0 39.1 58.7#

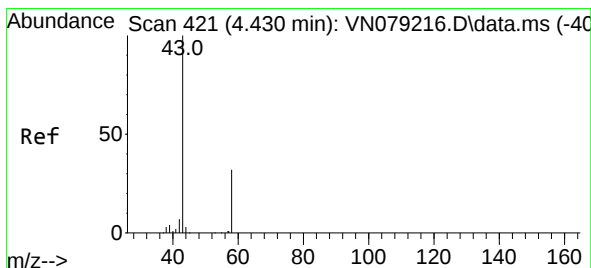
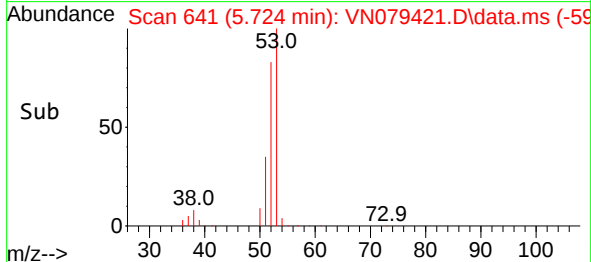
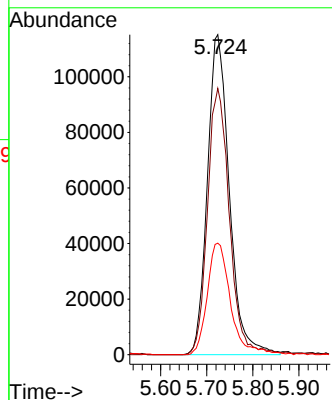
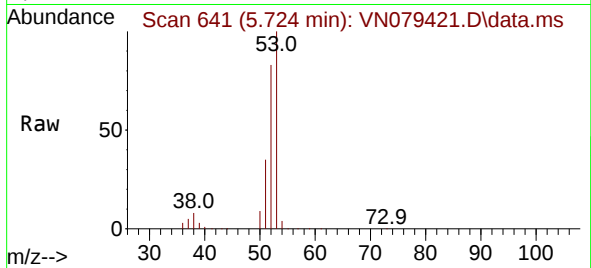




#15
Acrylonitrile
Concen: 323.589 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

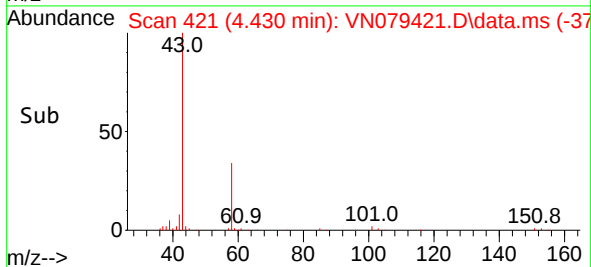
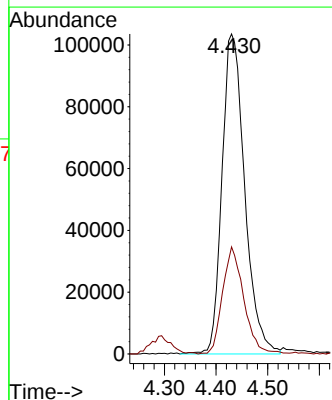
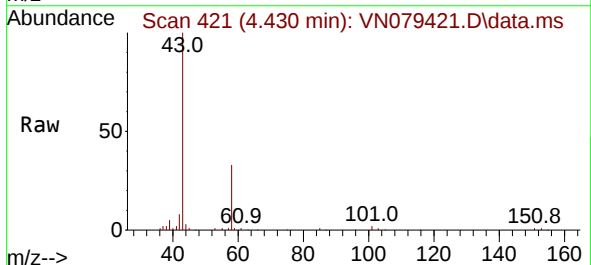
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

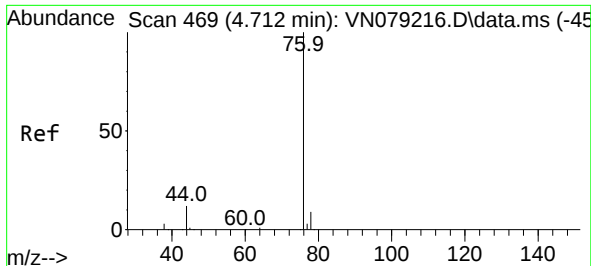
Tgt Ion: 53 Resp: 381606
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 37.0 28.9 43.3



#16
Acetone
Concen: 302.300 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 43 Resp: 316277
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0

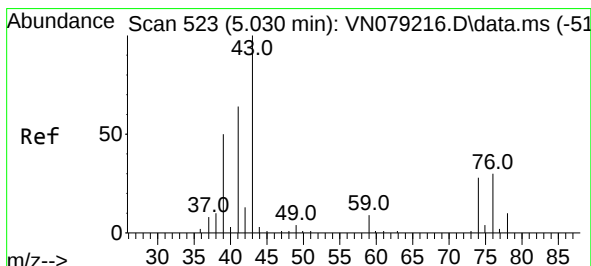
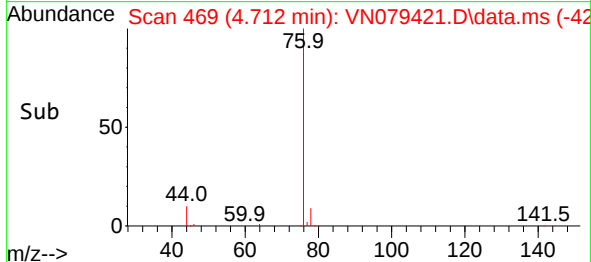
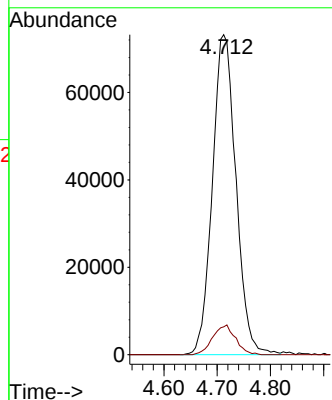
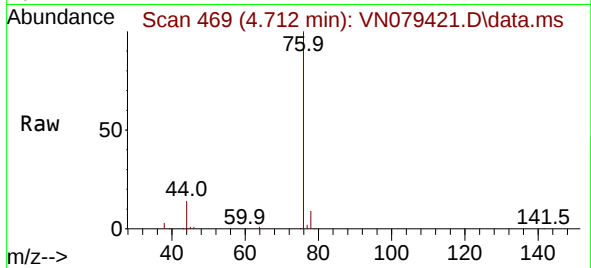




#17
Carbon Disulfide
Concen: 36.999 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

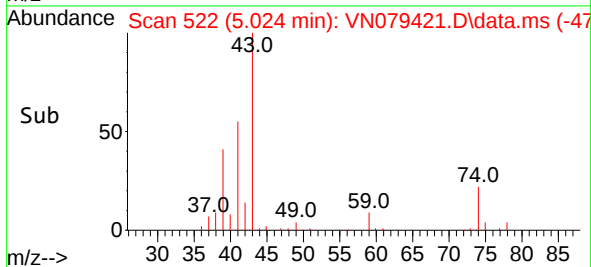
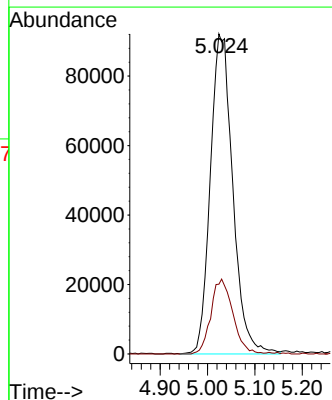
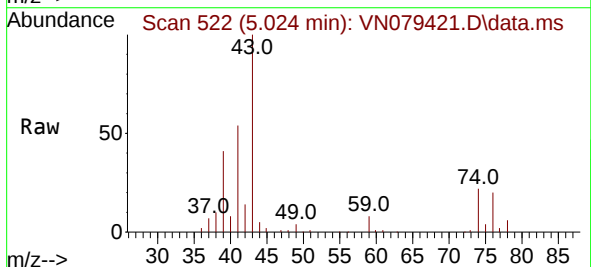
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

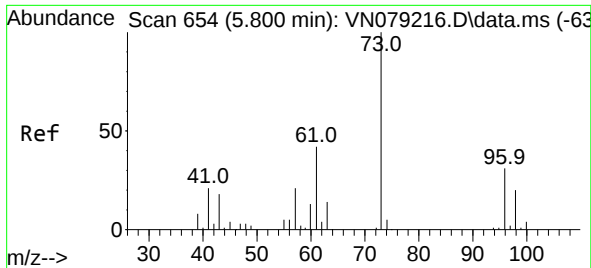
Tgt Ion: 76 Resp: 225070
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 70.594 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 43 Resp: 303547
Ion Ratio Lower Upper
43 100
74 22.8 26.2 39.4#

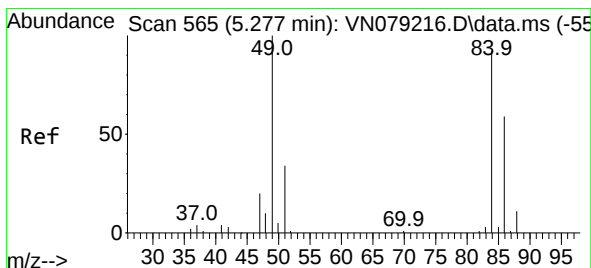
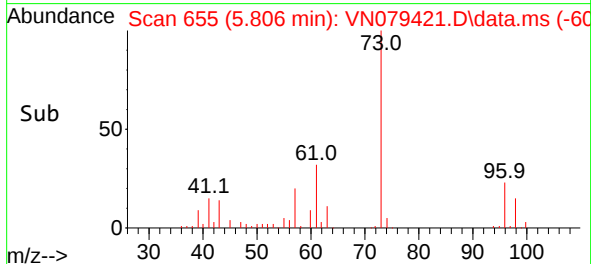
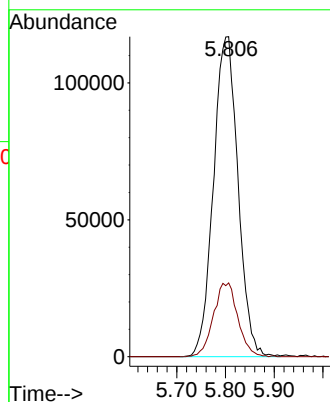
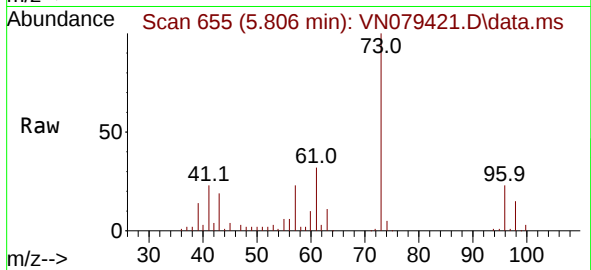




#19
Methyl tert-butyl Ether
Concen: 61.362 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

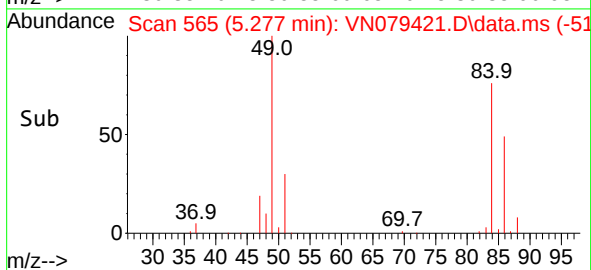
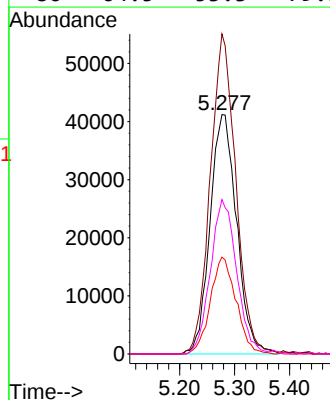
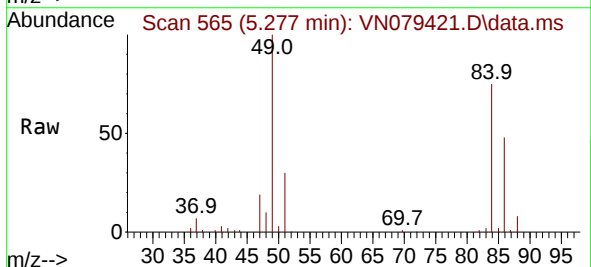
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

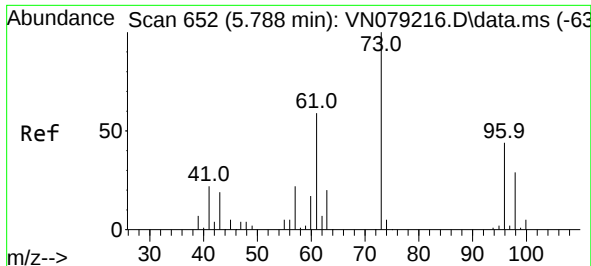
Tgt Ion: 73 Resp: 409602
Ion Ratio Lower Upper
73 100
57 23.0 15.6 23.4



#20
Methylene Chloride
Concen: 54.466 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 84 Resp: 138672
Ion Ratio Lower Upper
84 100
49 133.7 79.7 119.5#
51 40.4 25.2 37.8#
86 64.5 53.3 79.9

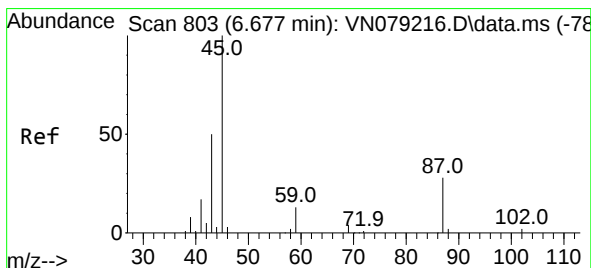
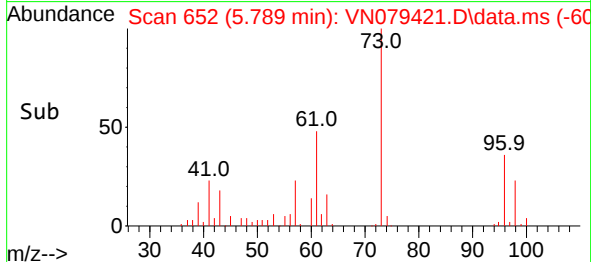
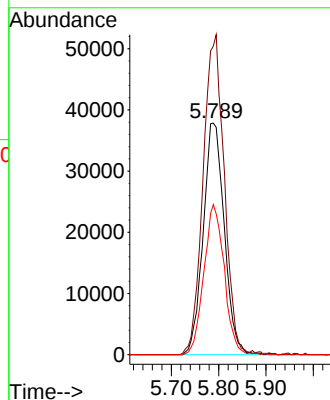
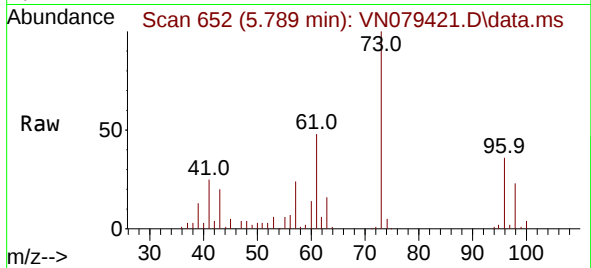




#21
trans-1,2-Dichloroethene
Concen: 51.942 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

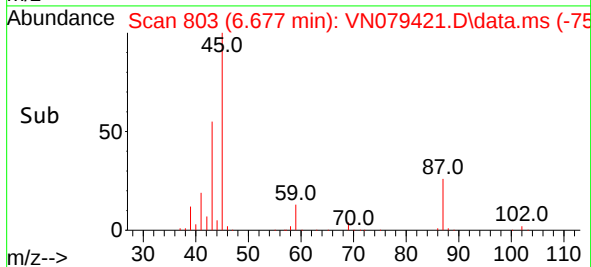
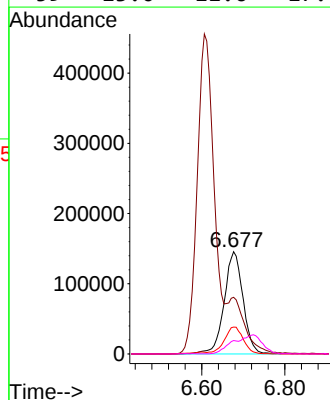
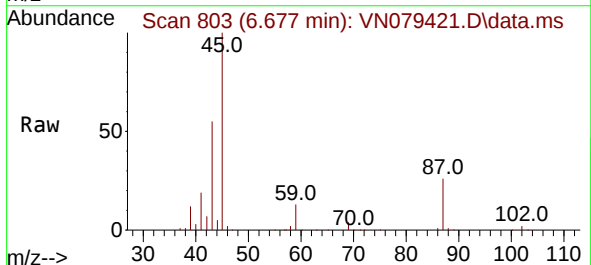
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

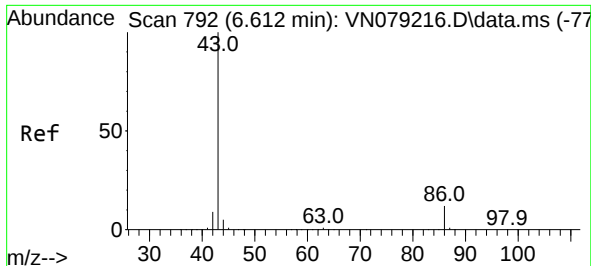
Tgt Ion: 96 Resp: 117276
Ion Ratio Lower Upper
96 100
61 133.3 90.1 135.1
98 64.8 46.4 69.6



#22
Diisopropyl ether
Concen: 67.272 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 45 Resp: 458286
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 26.2 31.8 47.8#
59 13.0 11.6 17.4

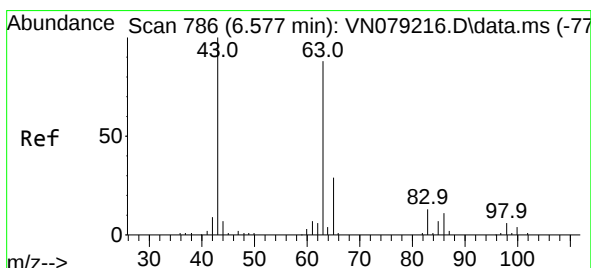
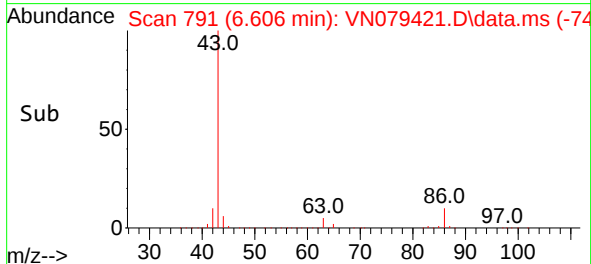
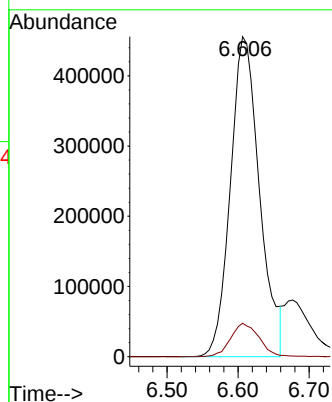
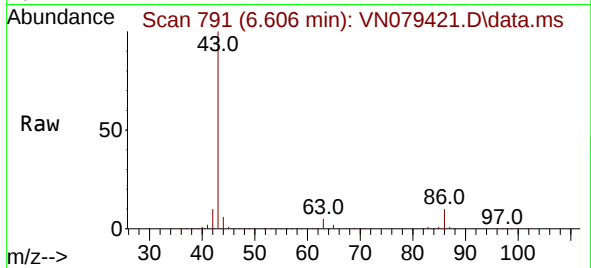




#23
 Vinyl Acetate
 Concen: 310.550 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079421.D
 Acq: 05 Oct 2023 15:50

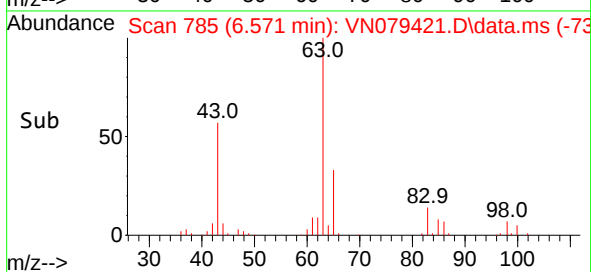
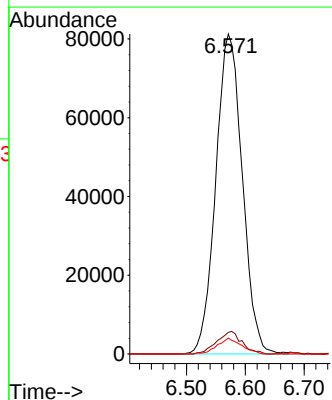
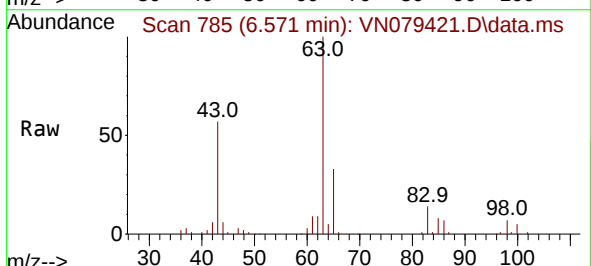
Instrument :
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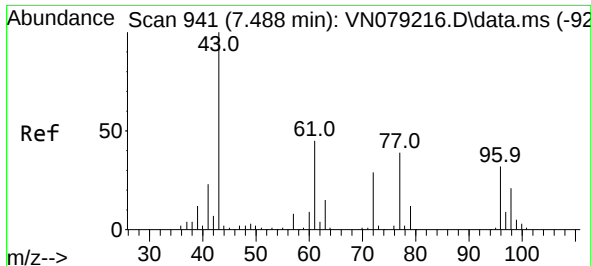
Tgt Ion: 43 Resp: 1301264
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 60.621 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079421.D
 Acq: 05 Oct 2023 15:50

Tgt Ion: 63 Resp: 254582
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.9 2.5 7.4





#25

2-Butanone

Concen: 339.375 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

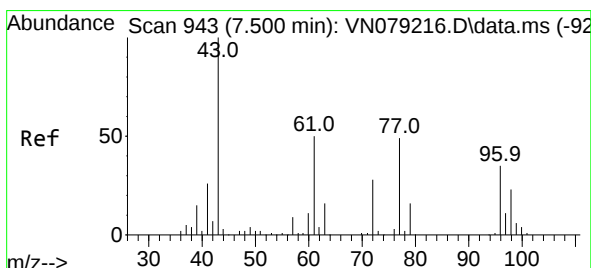
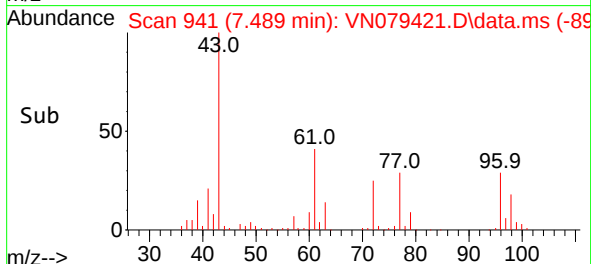
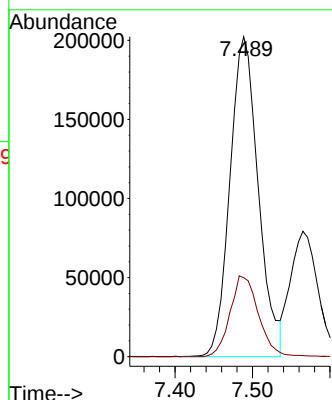
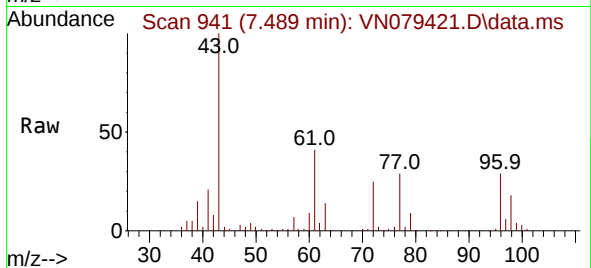
VSTDCCC050

Tgt Ion: 43 Resp: 515175

Ion Ratio Lower Upper

43 100

72 24.7 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 50.179 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN079421.D

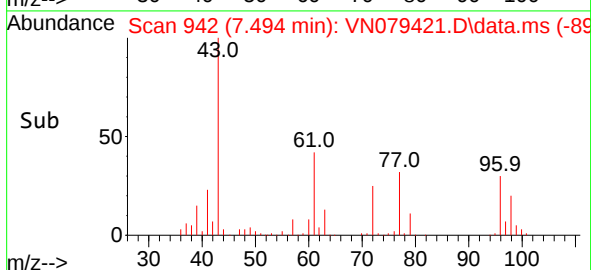
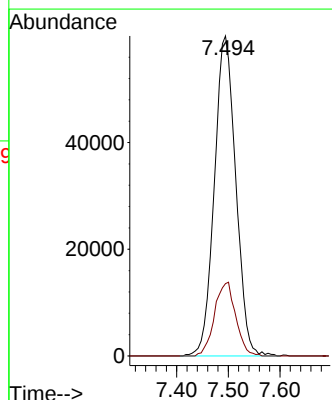
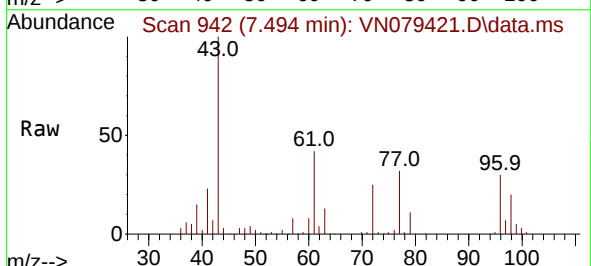
Acq: 05 Oct 2023 15:50

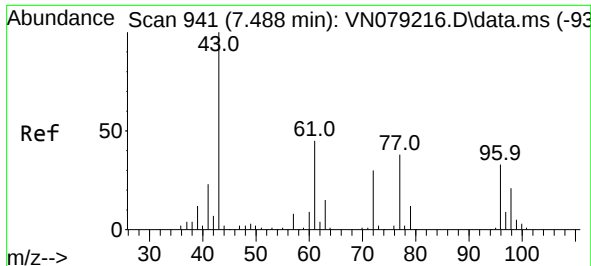
Tgt Ion: 77 Resp: 172928

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6

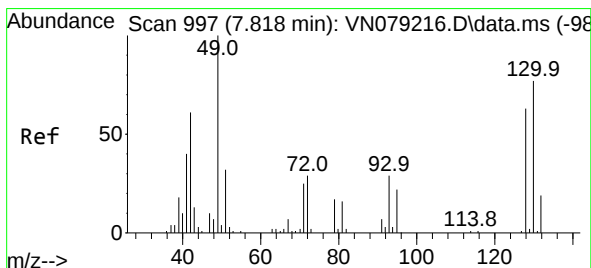
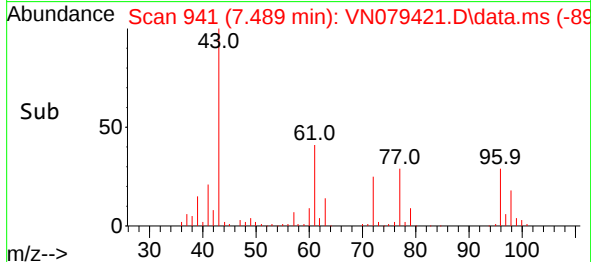
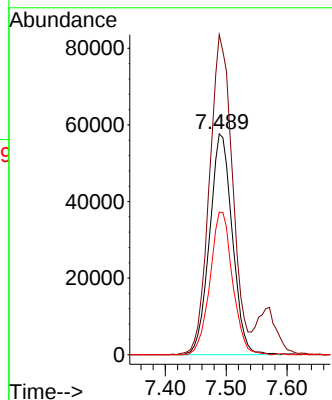
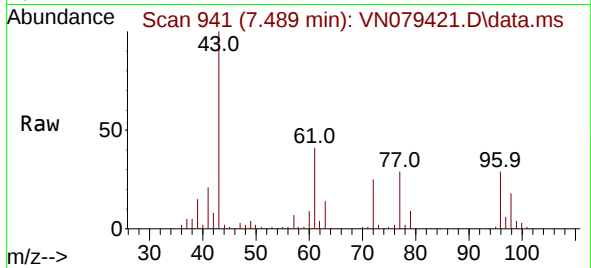




#27
 cis-1,2-Dichloroethene
 Concen: 57.998 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN079421.D
 Acq: 05 Oct 2023 15:50

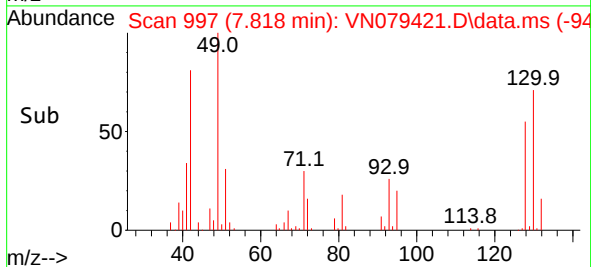
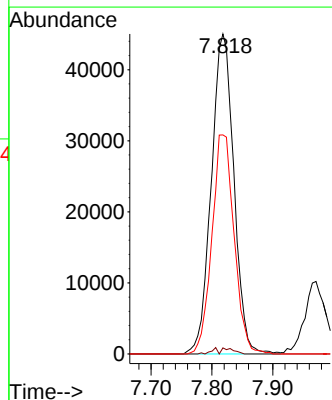
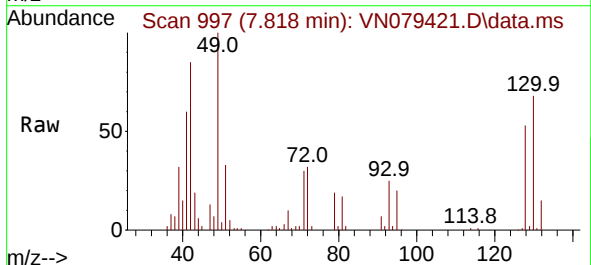
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

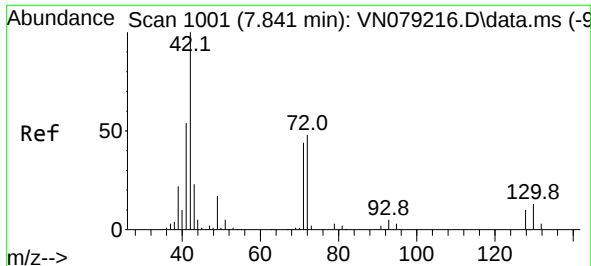
Tgt Ion: 96 Resp: 149733
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 255.2
 98 63.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 61.033 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079421.D
 Acq: 05 Oct 2023 15:50

Tgt Ion: 49 Resp: 115886
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 67.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 349.833 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

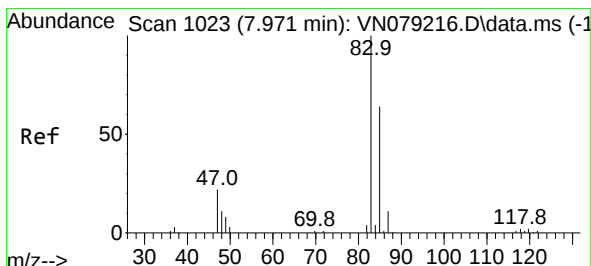
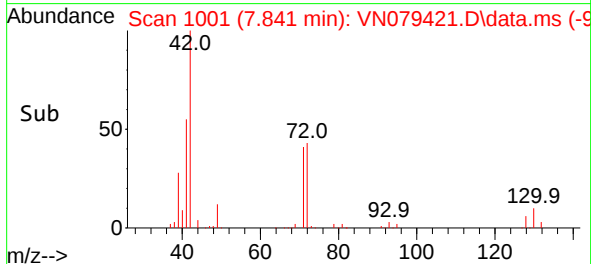
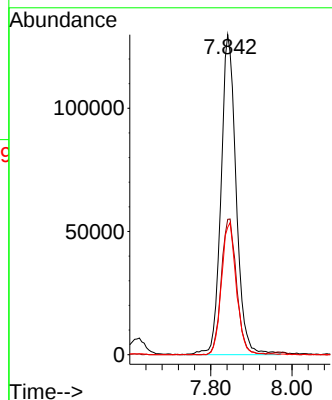
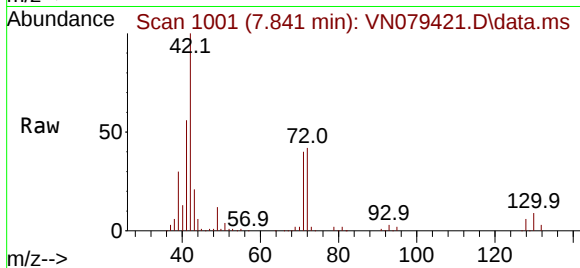
Tgt Ion: 42 Resp: 337949

Ion Ratio Lower Upper

42 100

72 42.5 49.8 74.6#

71 40.3 47.4 71.2#



#30

Chloroform

Concen: 62.500 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079421.D

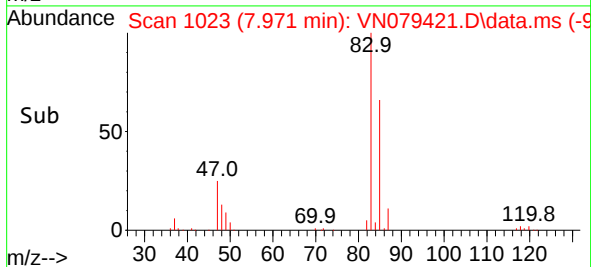
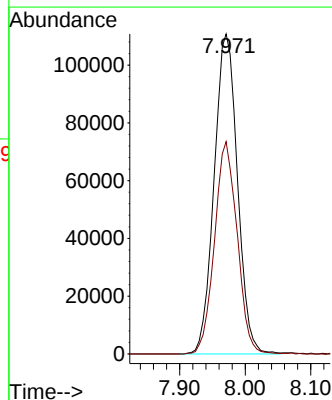
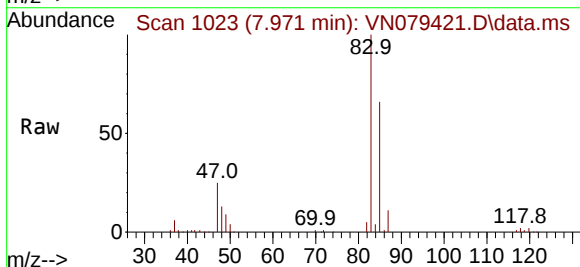
Acq: 05 Oct 2023 15:50

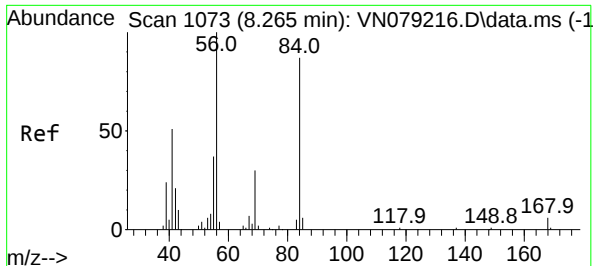
Tgt Ion: 83 Resp: 273278

Ion Ratio Lower Upper

83 100

85 66.3 55.4 83.0

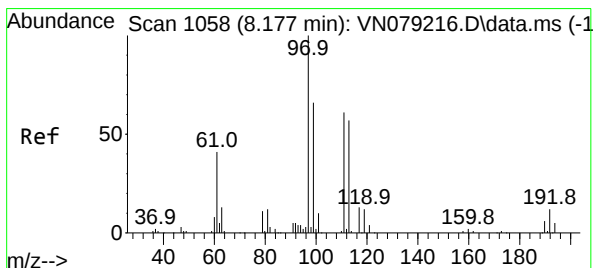
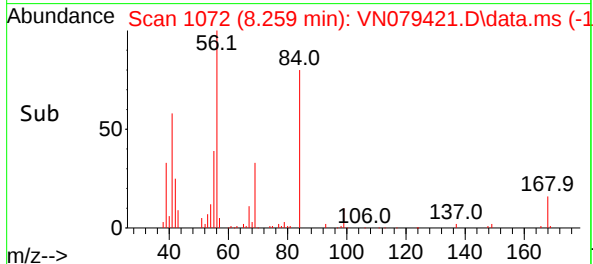
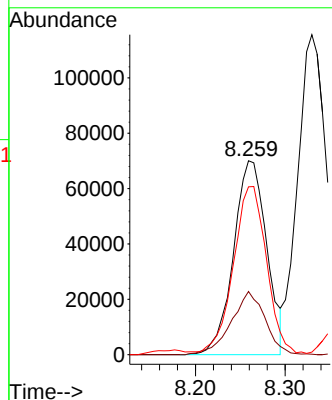
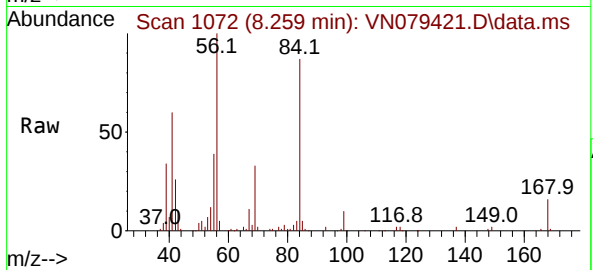




#31
Cyclohexane
Concen: 50.082 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

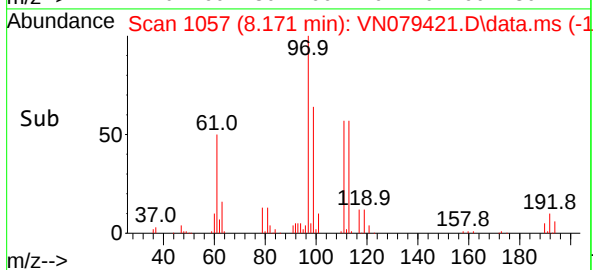
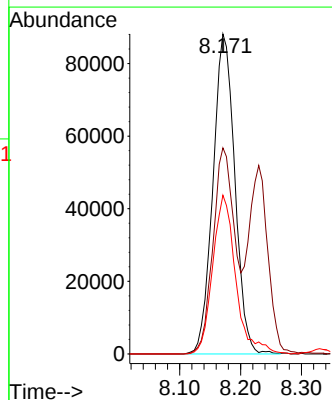
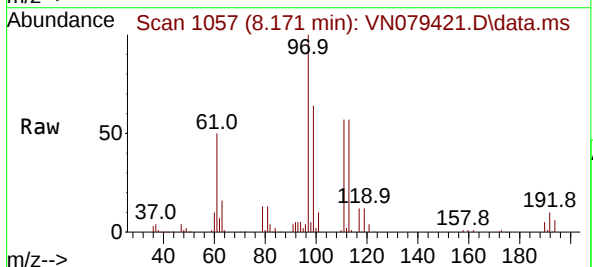
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

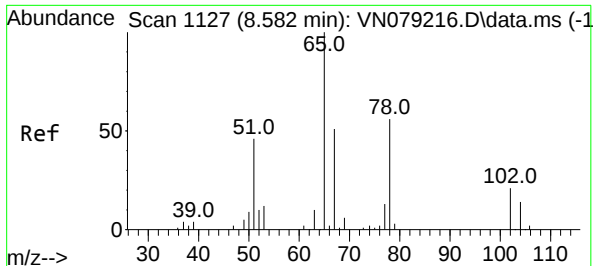
Tgt Ion: 56 Resp: 180145
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 84.5 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 59.016 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 97 Resp: 219962
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 52.1 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 61.168 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

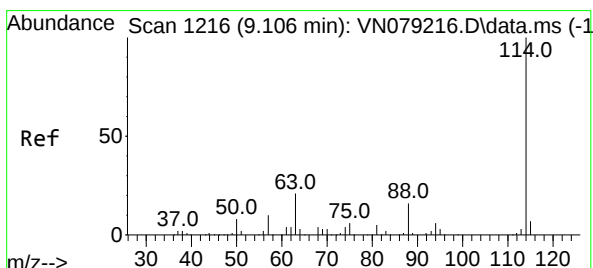
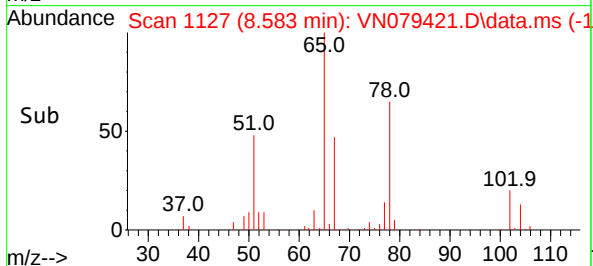
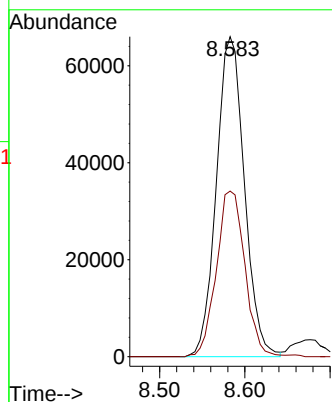
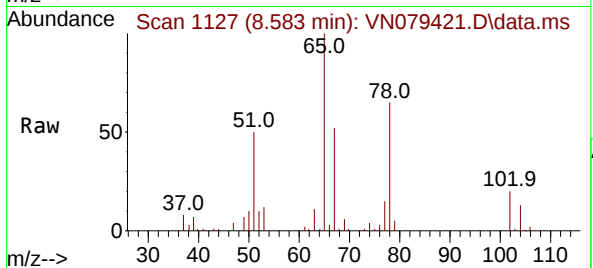
VSTDCCC050

Tgt Ion: 65 Resp: 150684

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

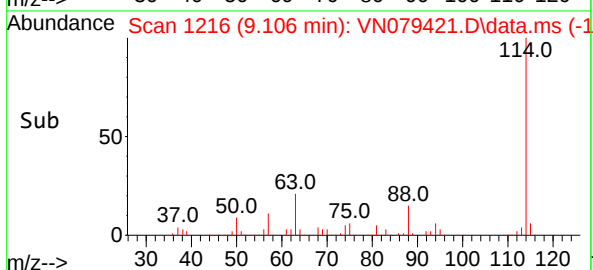
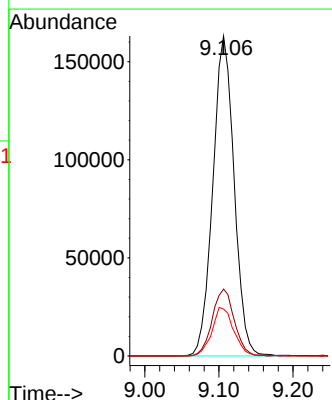
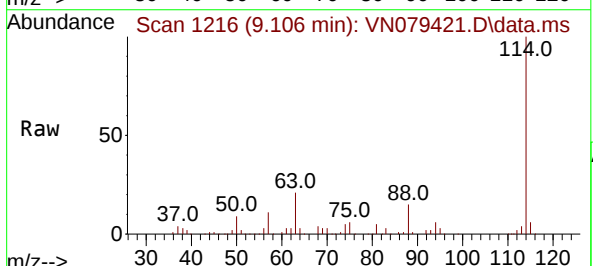
Tgt Ion: 114 Resp: 325064

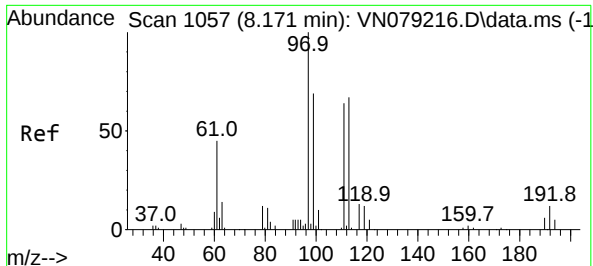
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.067 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

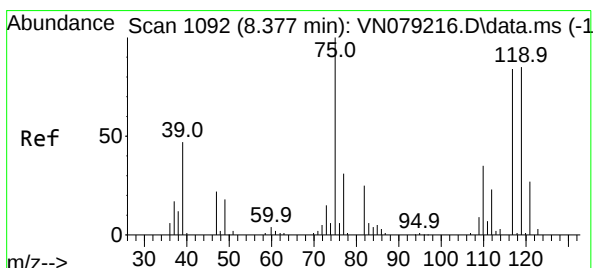
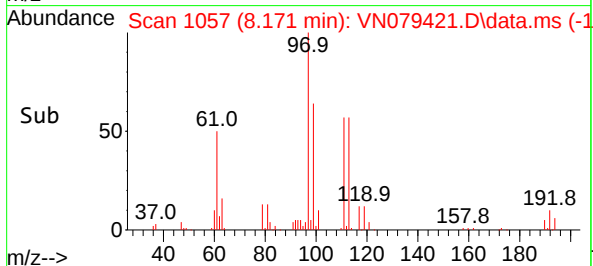
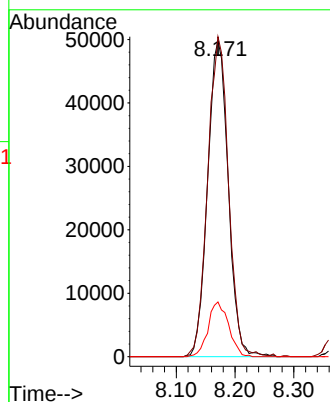
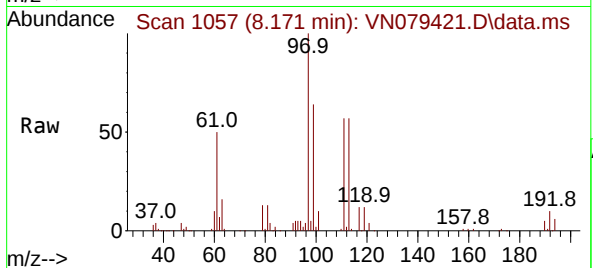
Tgt Ion:113 Resp: 121231

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 17.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 54.372 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

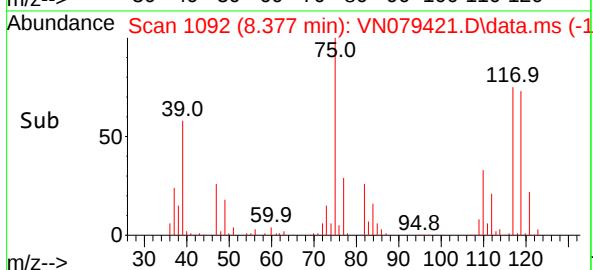
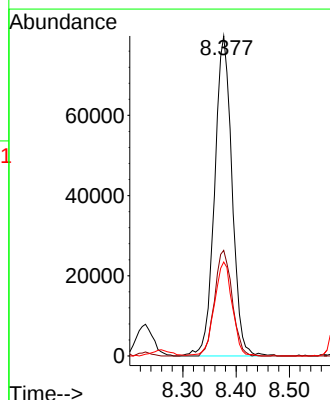
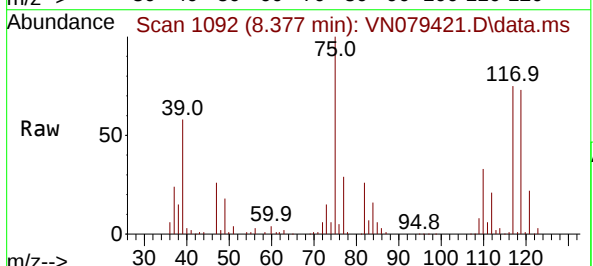
Tgt Ion: 75 Resp: 181215

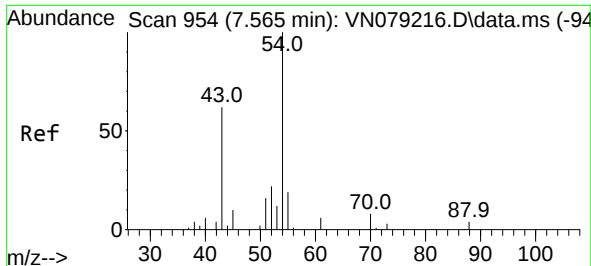
Ion Ratio Lower Upper

75 100

110 33.4 19.1 57.3

77 30.1 25.0 37.4

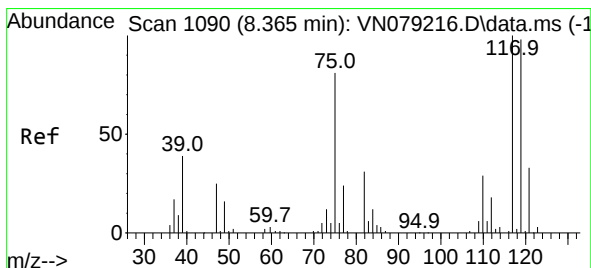
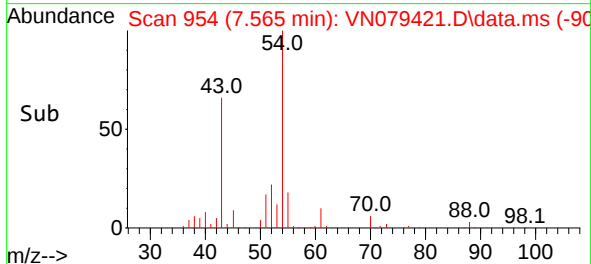
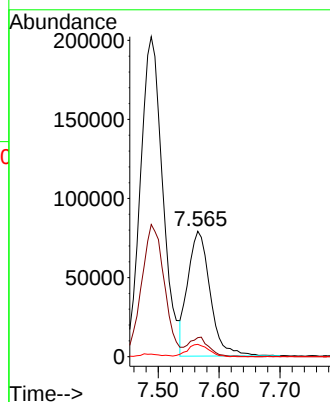
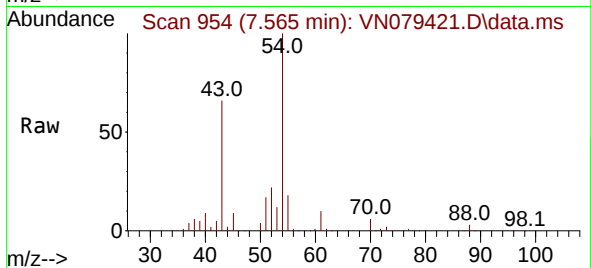




#37
Ethyl Acetate
Concen: 60.410 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

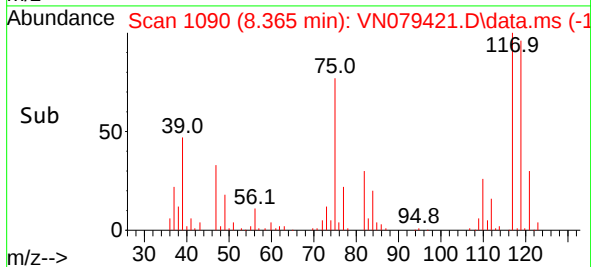
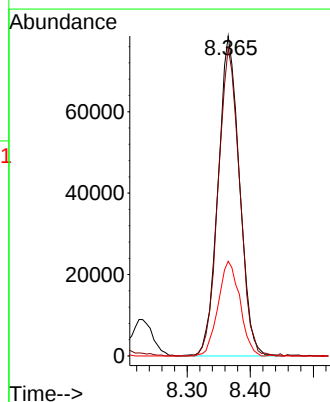
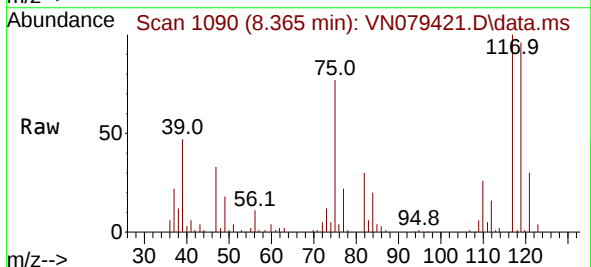
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

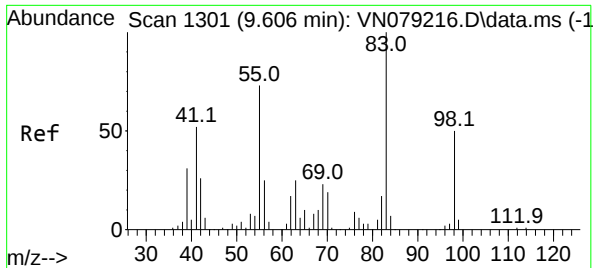
Tgt Ion: 43 Resp: 200819
Ion Ratio Lower Upper
43 100
61 13.7 13.2 19.8
70 9.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 53.560 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 117 Resp: 184729
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
121 29.6 23.3 34.9





#39

Methylcyclohexane

Concen: 48.369 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

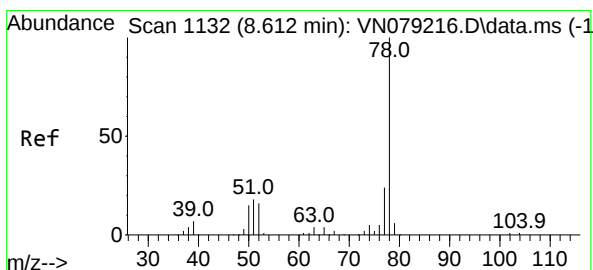
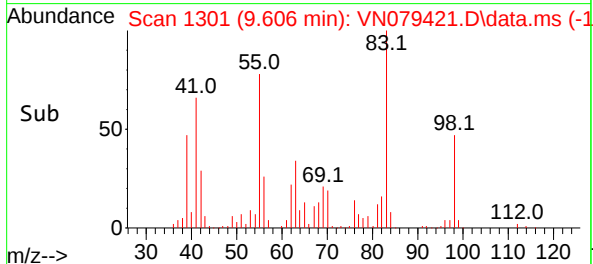
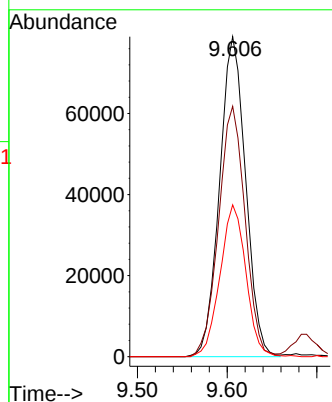
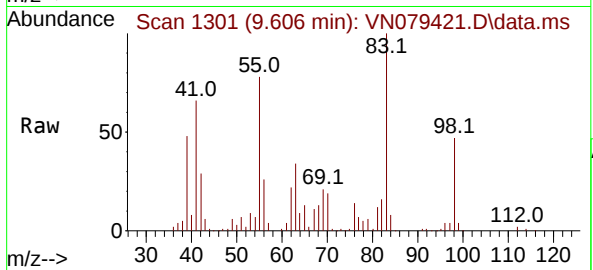
Tgt Ion: 83 Resp: 159015

Ion Ratio Lower Upper

83 100

55 78.2 49.1 73.7#

98 47.4 40.6 61.0



#40

Benzene

Concen: 55.349 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079421.D

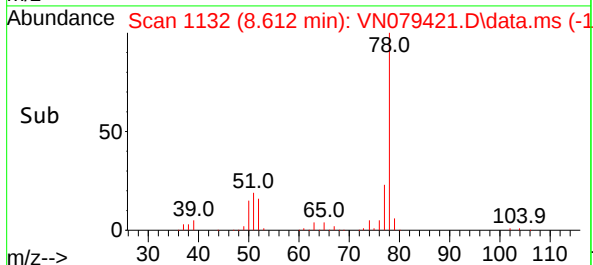
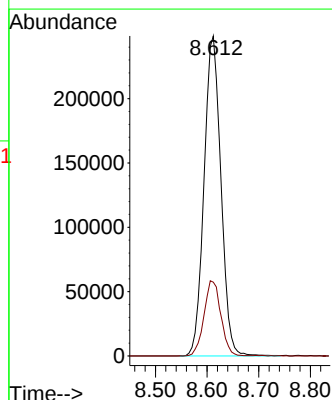
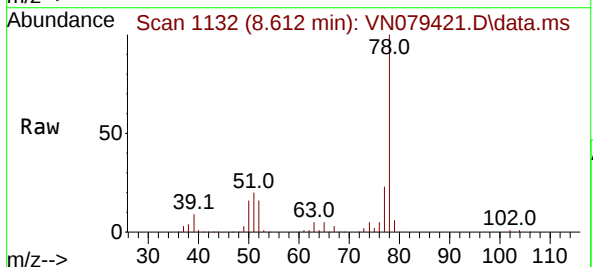
Acq: 05 Oct 2023 15:50

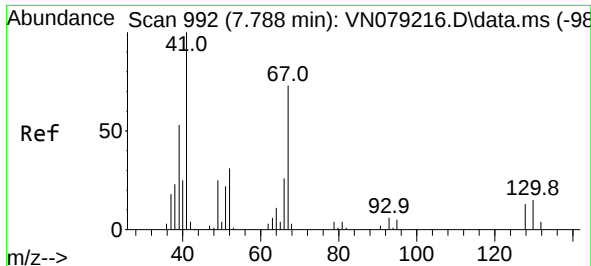
Tgt Ion: 78 Resp: 564710

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6



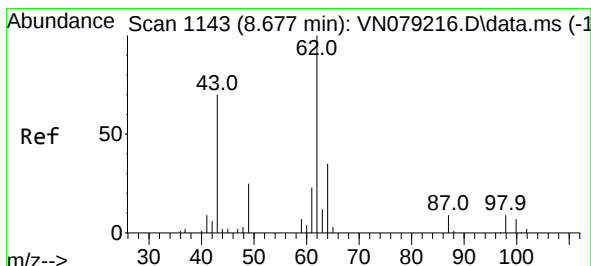
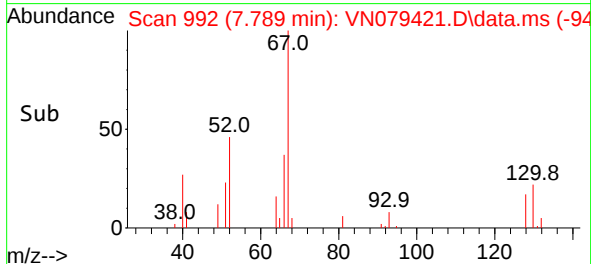
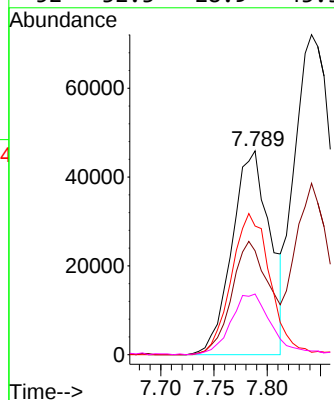
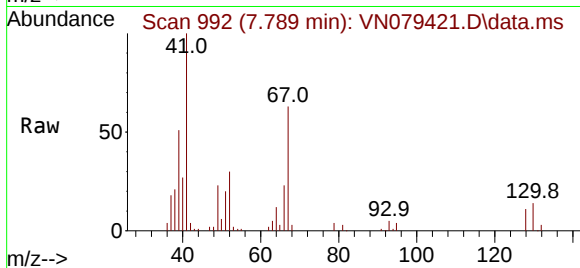


#41
Methacrylonitrile
Concen: 68.391 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.005 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 114631

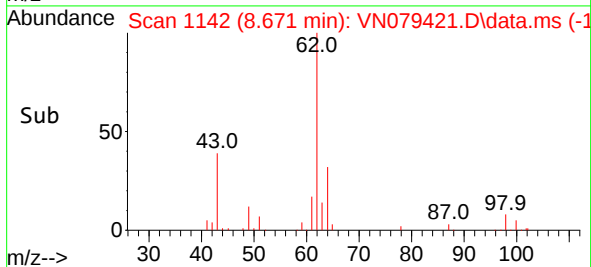
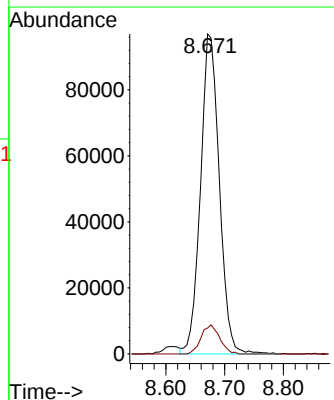
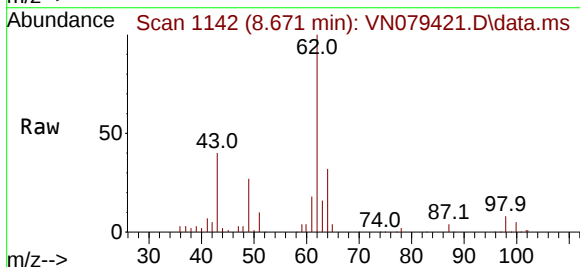
Ion	Ratio	Lower	Upper
41	100		
39	54.7	42.6	64.0
67	70.7	77.5	116.3
52	32.3	28.9	43.3

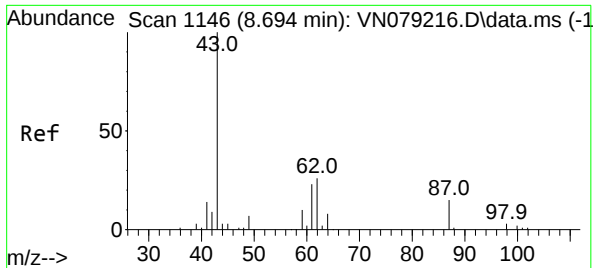


#42
1,2-Dichloroethane
Concen: 61.270 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 62 Resp: 215204

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 62.436 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

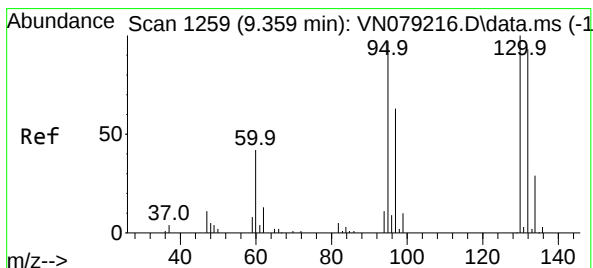
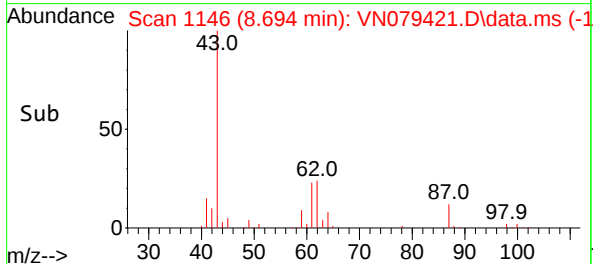
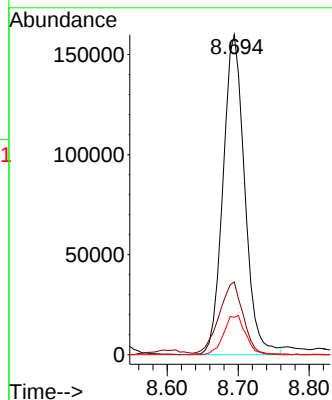
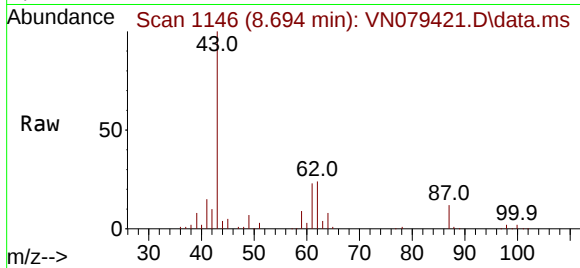
Tgt Ion: 43 Resp: 338662

Ion Ratio Lower Upper

43 100

61 25.5 24.7 37.1

87 12.4 14.6 21.8#



#44

Trichloroethene

Concen: 50.528 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN079421.D

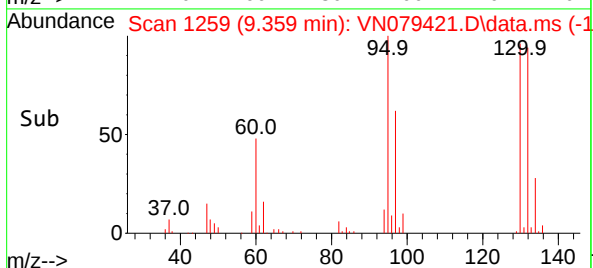
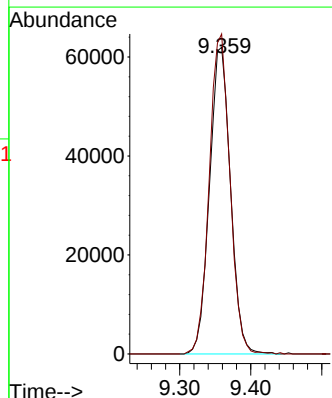
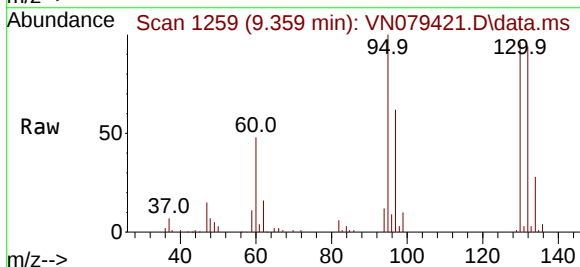
Acq: 05 Oct 2023 15:50

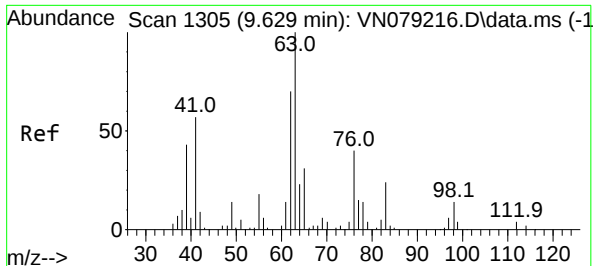
Tgt Ion:130 Resp: 126996

Ion Ratio Lower Upper

130 100

95 104.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 62.113 ug/l

RT: 9.630 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

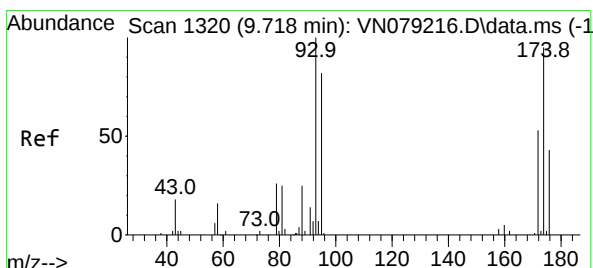
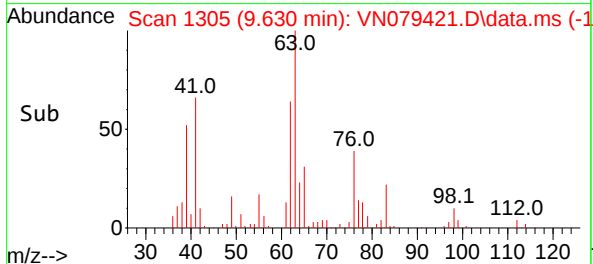
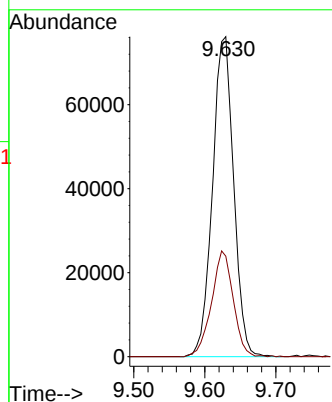
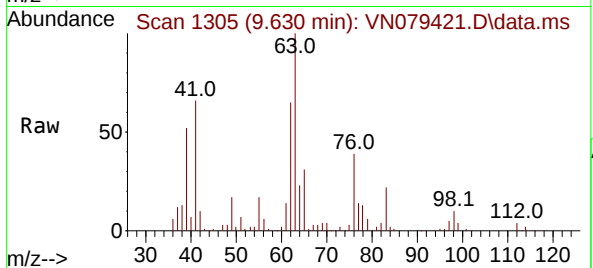
VSTDCCC050

Tgt Ion: 63 Resp: 157276

Ion Ratio Lower Upper

63 100

65 31.4 23.9 35.9



#46

Dibromomethane

Concen: 59.761 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

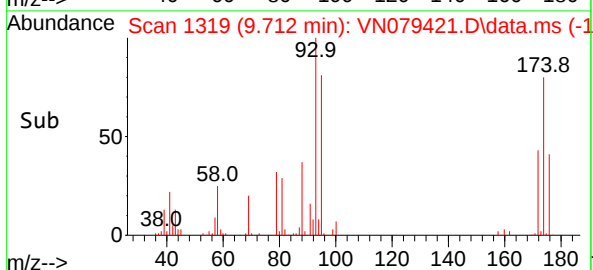
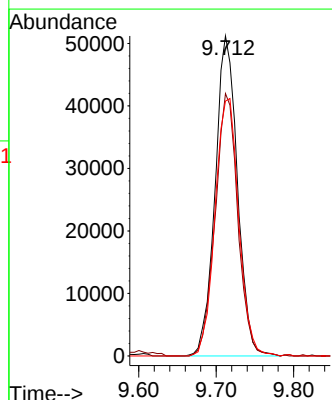
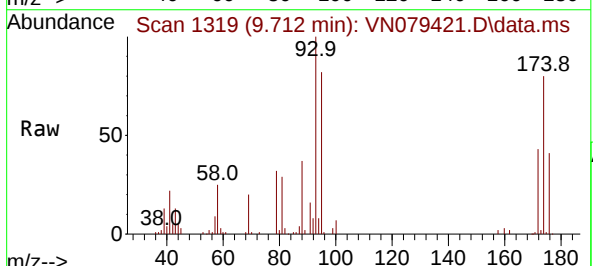
Tgt Ion: 93 Resp: 102724

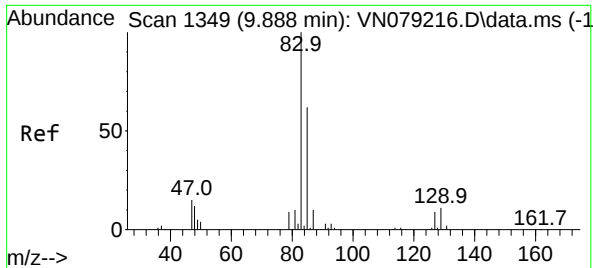
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 85.4 65.6 98.4

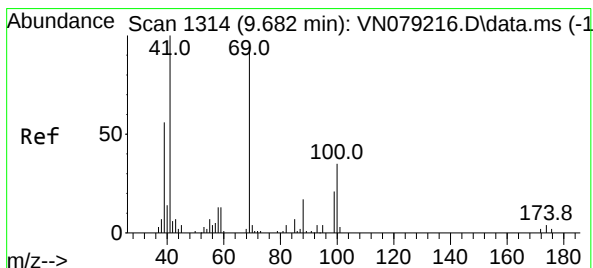
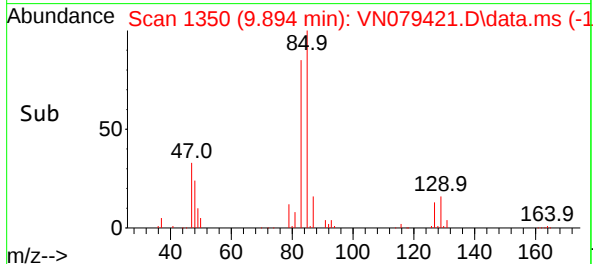
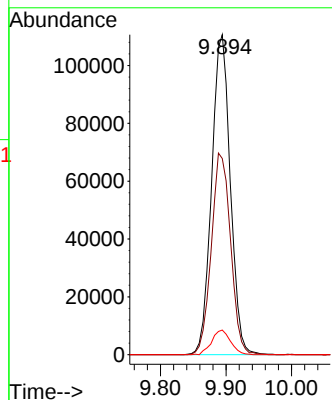
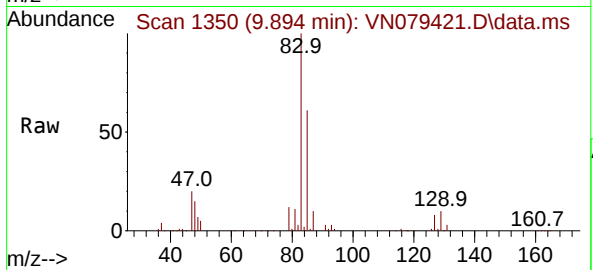




#47
Bromodichloromethane
Concen: 62.046 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

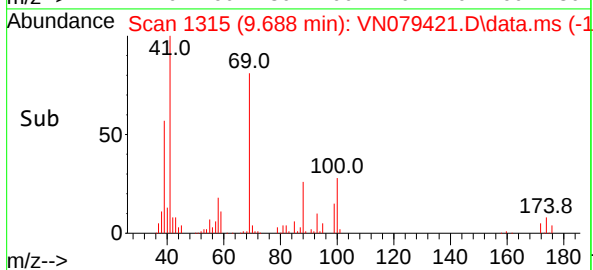
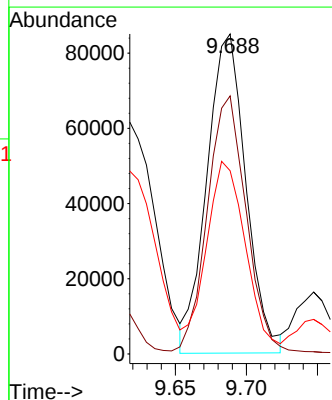
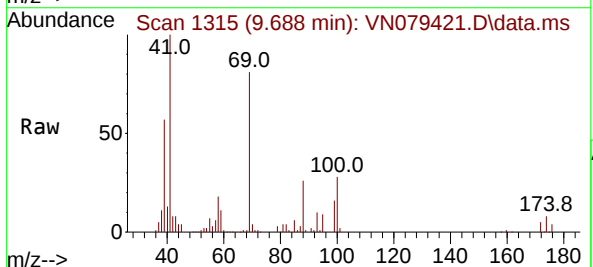
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

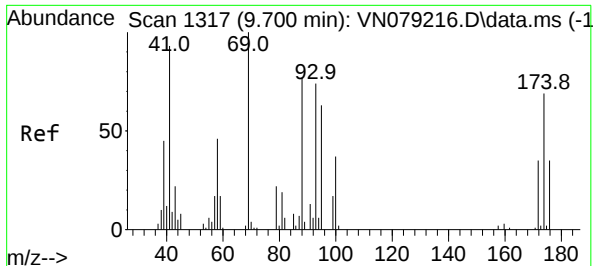
Tgt Ion: 83 Resp: 218446
Ion Ratio Lower Upper
83 100
85 61.3 49.6 74.4
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 66.751 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 41 Resp: 162178
Ion Ratio Lower Upper
41 100
69 81.7 90.4 135.6#
39 61.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1219.993 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

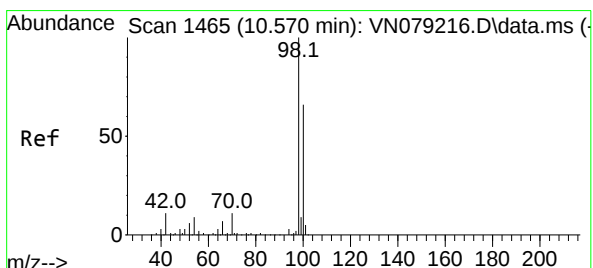
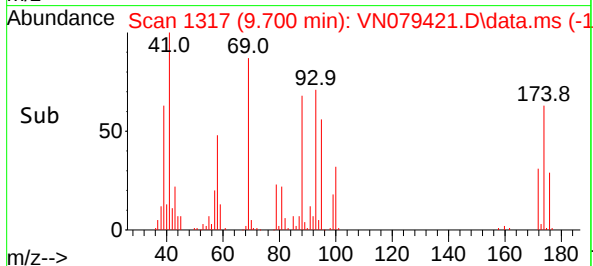
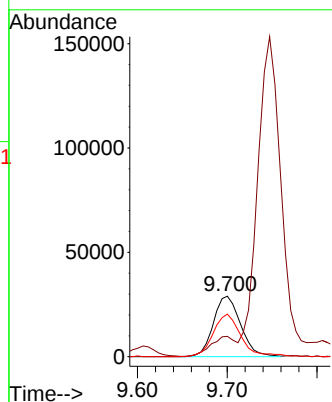
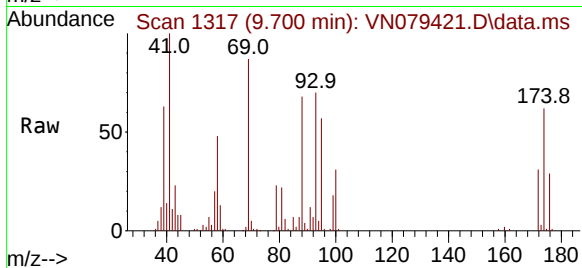
Tgt Ion: 88 Resp: 60966

Ion Ratio Lower Upper

88 100

43 30.6 17.0 25.6#

58 72.8 47.0 70.4#



#50

Toluene-d8

Concen: 53.287 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079421.D

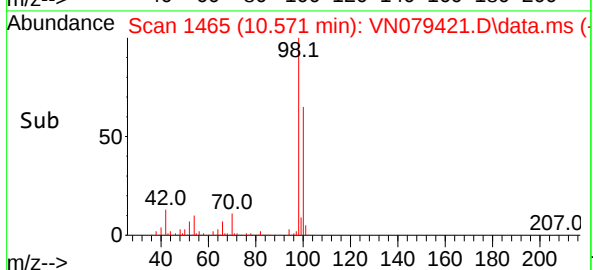
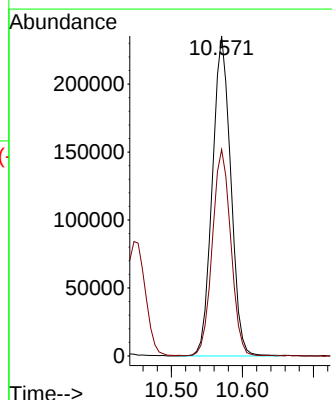
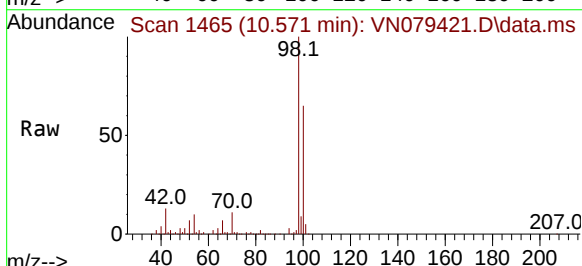
Acq: 05 Oct 2023 15:50

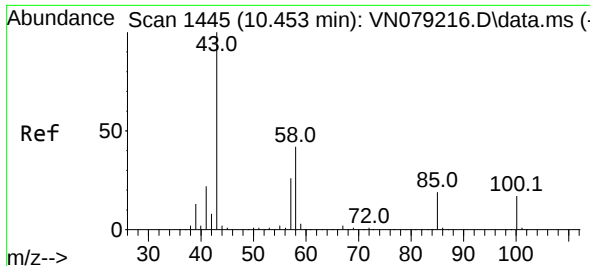
Tgt Ion: 98 Resp: 423071

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

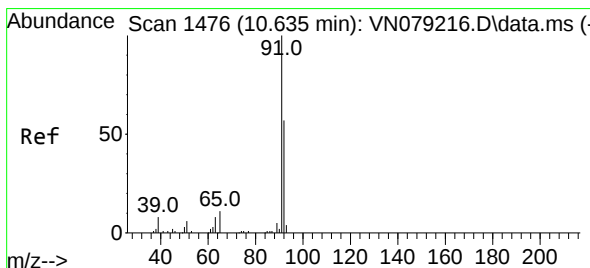
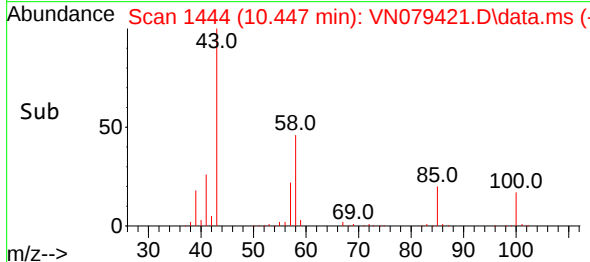
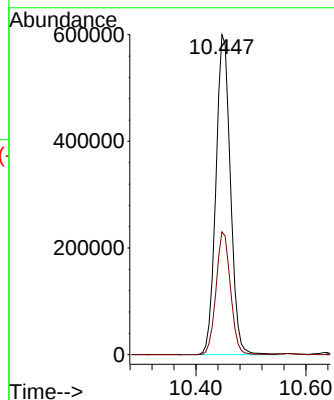
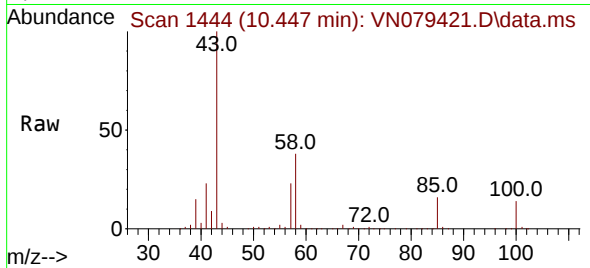




#51
4-Methyl-2-Pentanone
Concen: 350.147 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

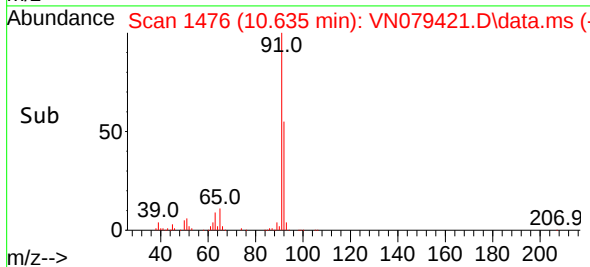
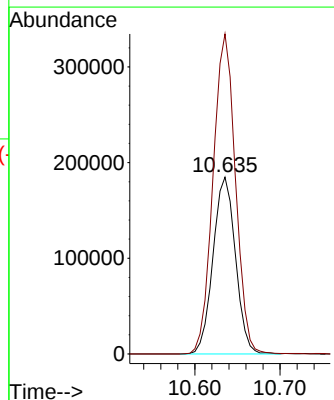
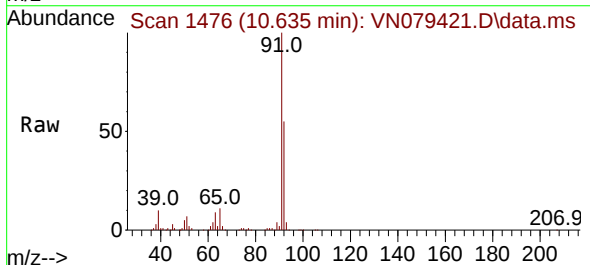
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

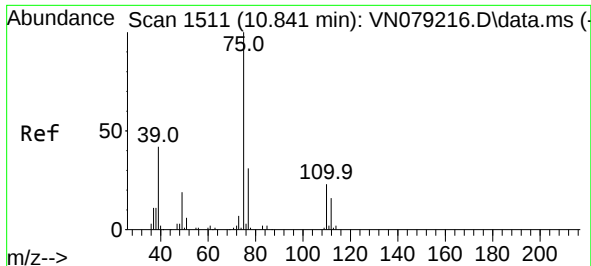
Tgt Ion: 43 Resp: 1102507
Ion Ratio Lower Upper
43 100
58 38.1 36.6 54.8



#52
Toluene
Concen: 53.967 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 92 Resp: 338377
Ion Ratio Lower Upper
92 100
91 181.0 137.4 206.0

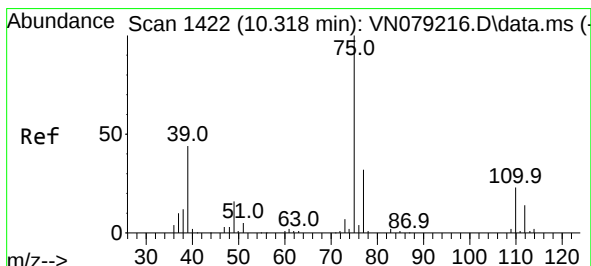
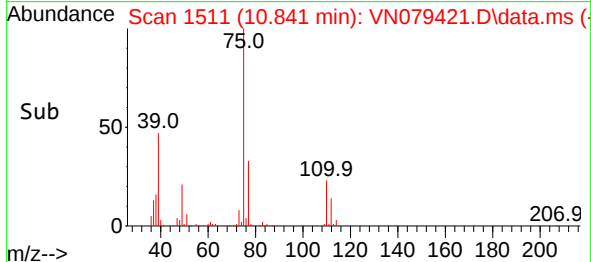
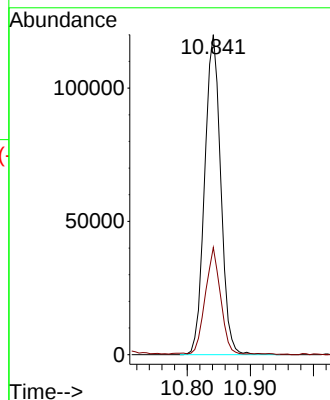
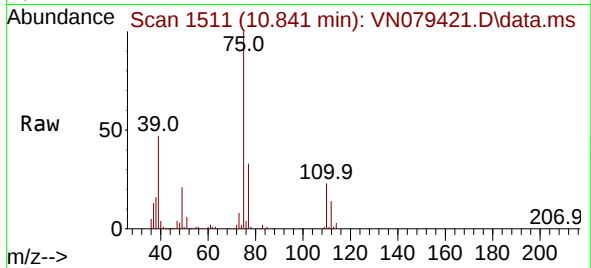




#53
t-1,3-Dichloropropene
Concen: 57.070 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

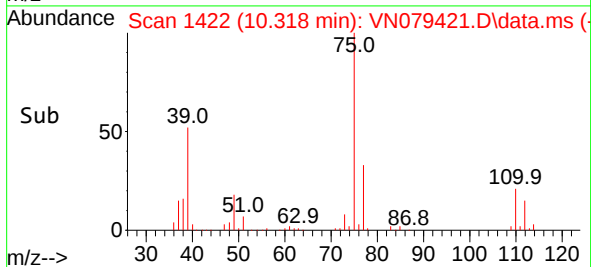
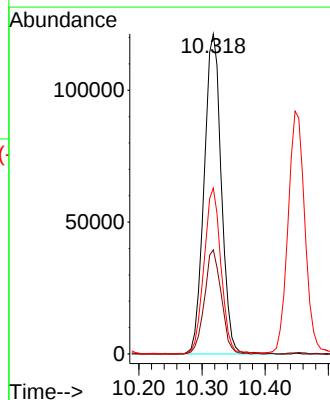
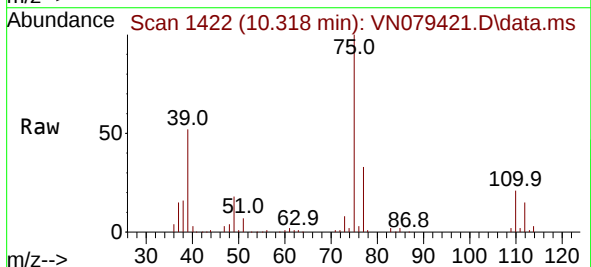
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

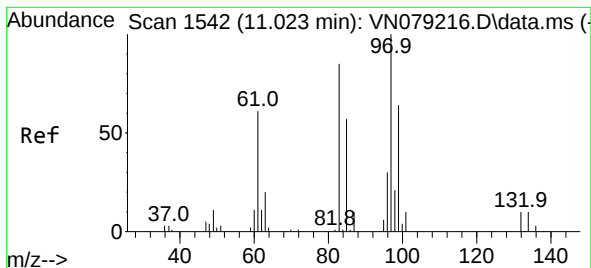
Tgt Ion: 75 Resp: 211864
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 57.794 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 75 Resp: 229476
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 51.7 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 60.190 ug/l

RT: 11.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 148087

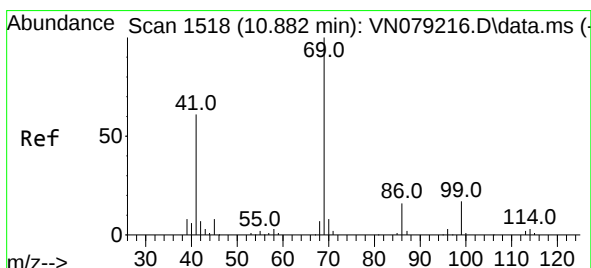
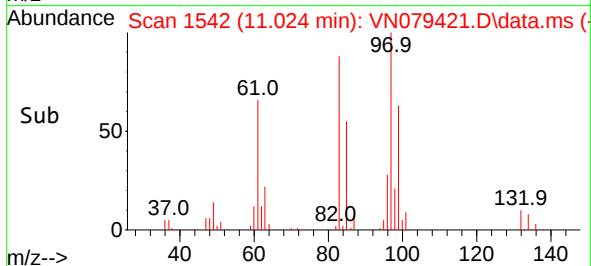
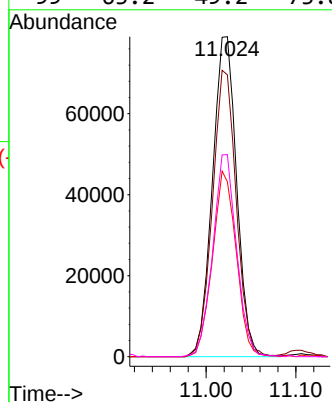
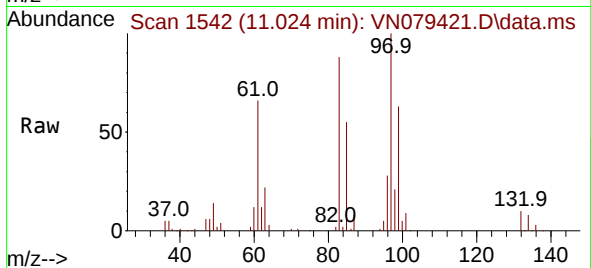
Ion Ratio Lower Upper

97 100

83 88.1 65.1 97.7

85 54.7 43.4 65.2

99 63.2 49.2 73.8



#56

Ethyl methacrylate

Concen: 63.467 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

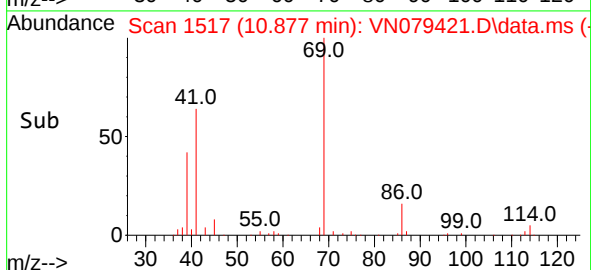
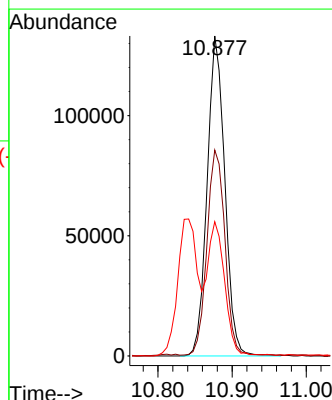
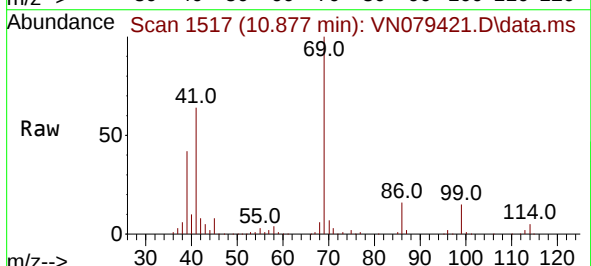
Tgt Ion: 69 Resp: 220422

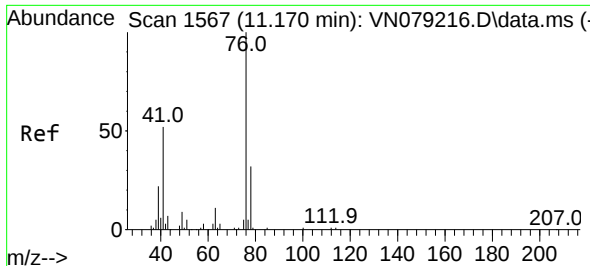
Ion Ratio Lower Upper

69 100

41 65.6 39.6 59.4#

39 40.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 60.024 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

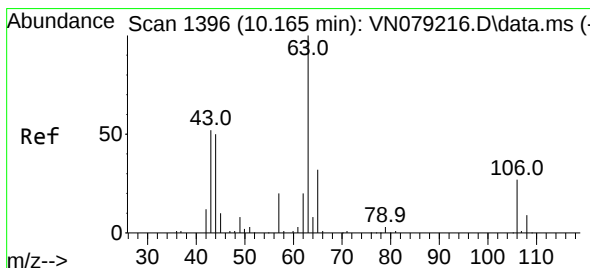
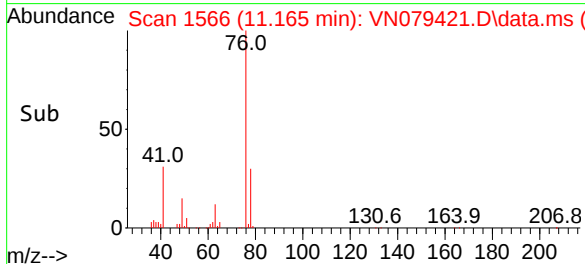
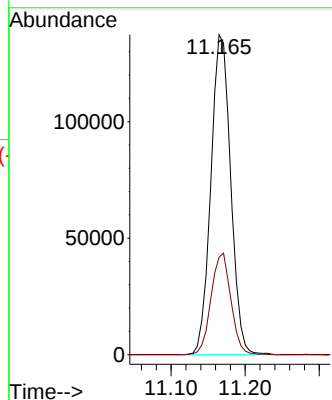
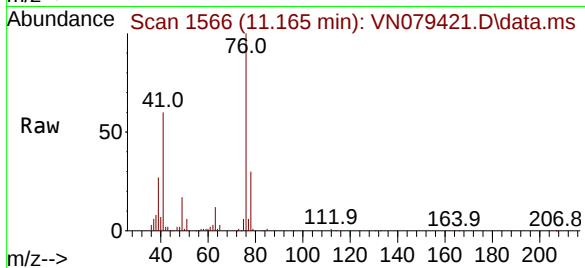
VSTDCCC050

Tgt Ion: 76 Resp: 255287

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 290.212 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079421.D

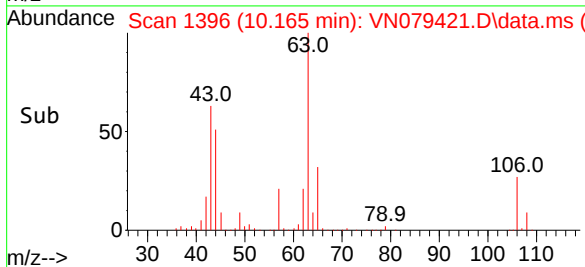
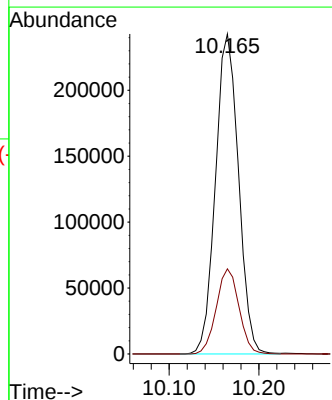
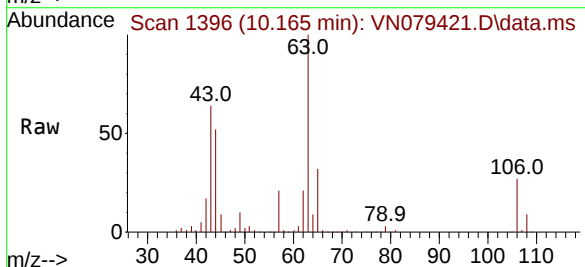
Acq: 05 Oct 2023 15:50

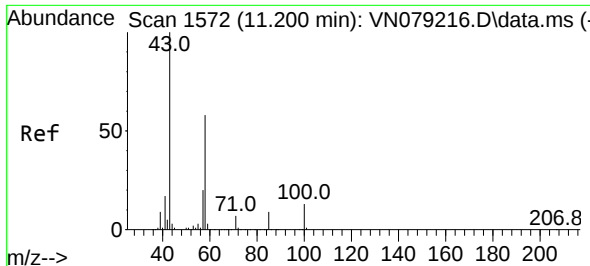
Tgt Ion: 63 Resp: 431653

Ion Ratio Lower Upper

63 100

106 26.2 26.2 39.4#

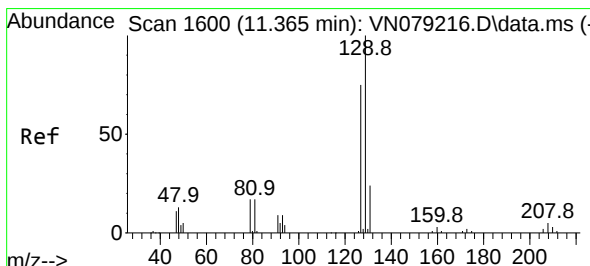
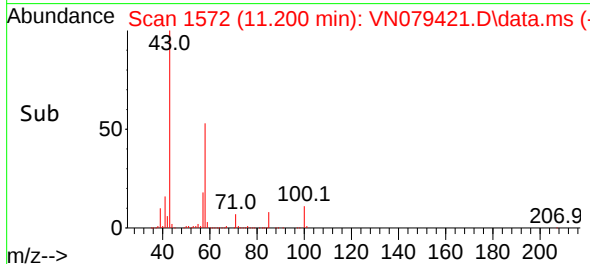
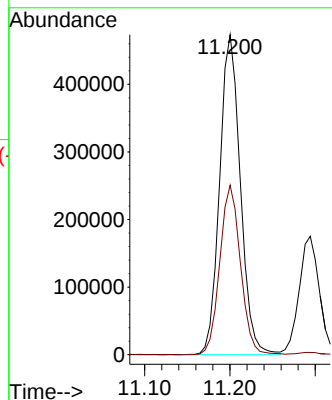
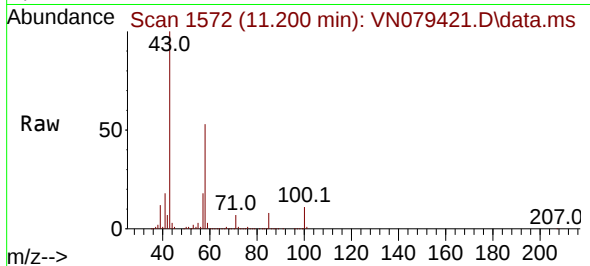




#59
2-Hexanone
Concen: 350.673 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

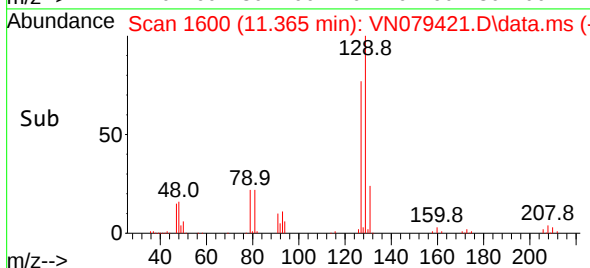
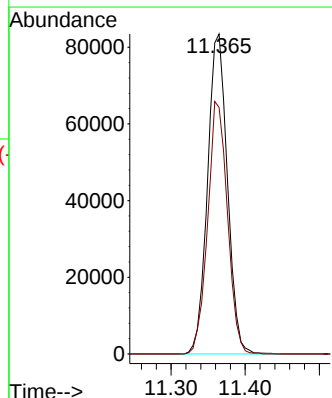
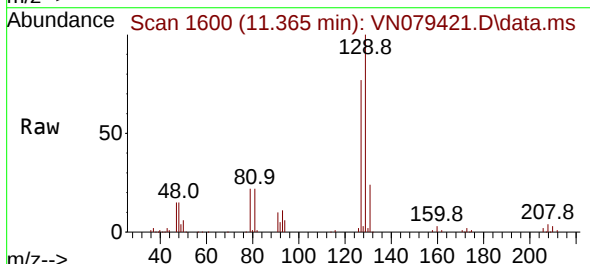
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

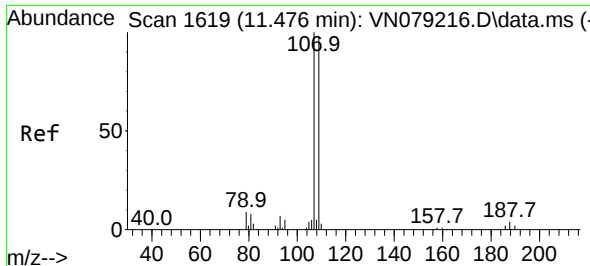
Tgt Ion: 43 Resp: 799734
Ion Ratio Lower Upper
43 100
58 52.8 31.7 95.1



#60
Dibromochloromethane
Concen: 59.235 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 129 Resp: 155103
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0

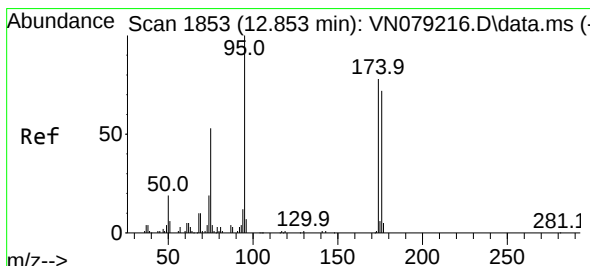
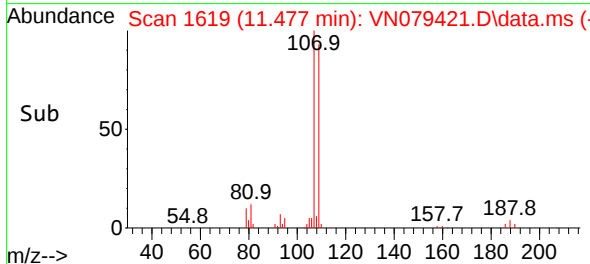
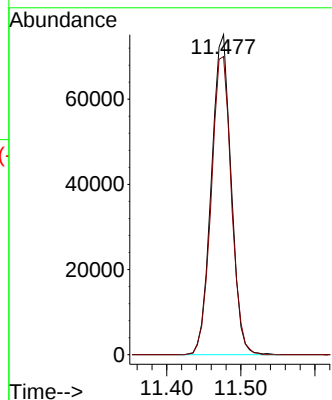
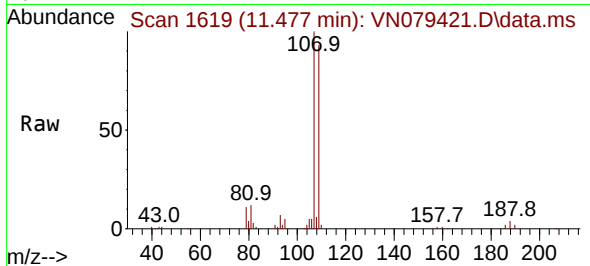




#61
1,2-Dibromoethane
Concen: 56.497 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

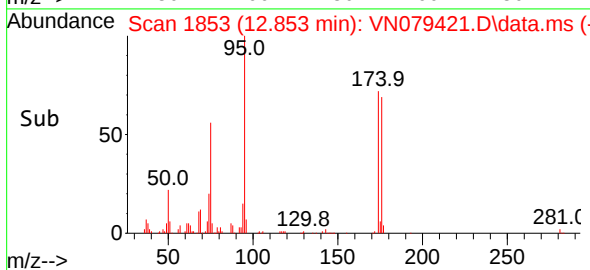
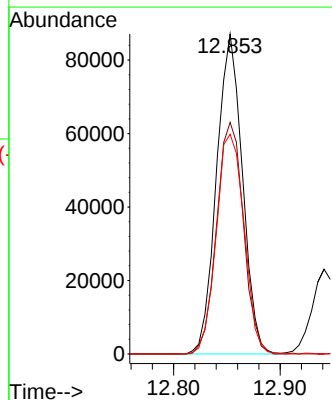
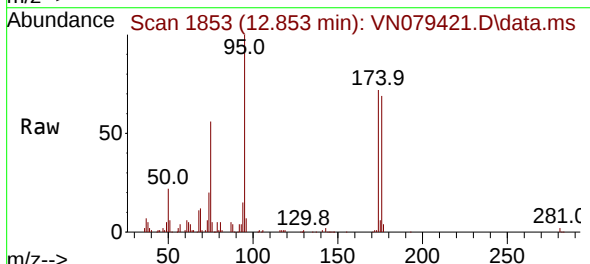
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

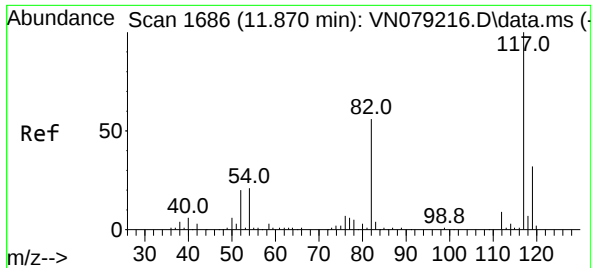
Tgt Ion:107 Resp: 138715
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 57.888 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 95 Resp: 146604
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 73.7 0.0 135.8

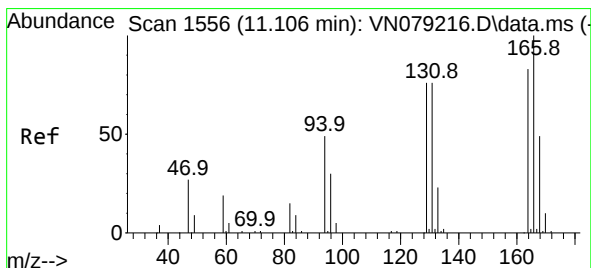
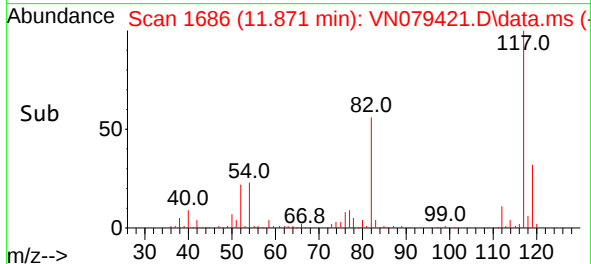
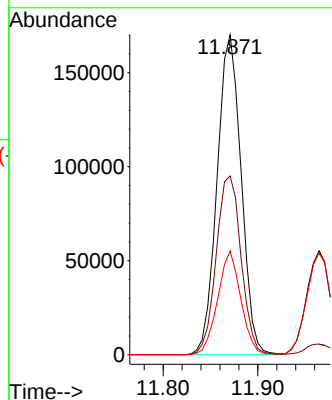
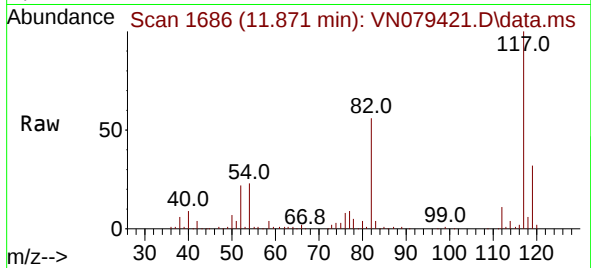




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

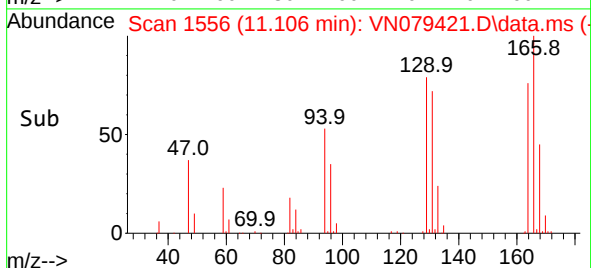
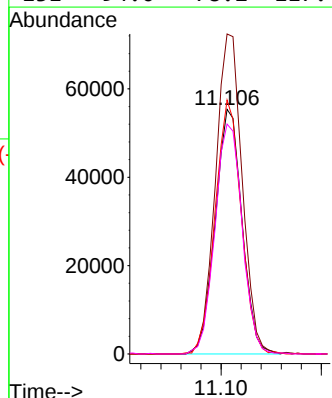
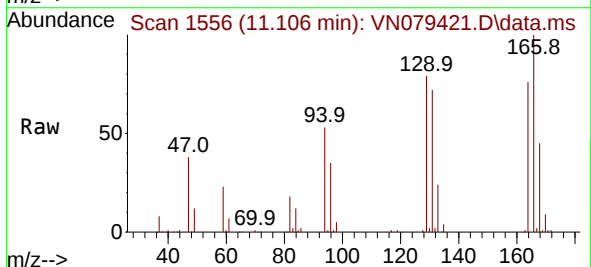
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

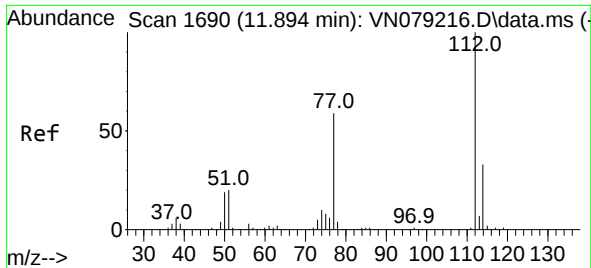
Tgt Ion:117 Resp: 300705
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 46.655 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion:164 Resp: 102297
Ion Ratio Lower Upper
164 100
166 130.8 101.4 152.0
129 103.8 82.4 123.6
131 94.0 78.2 117.4

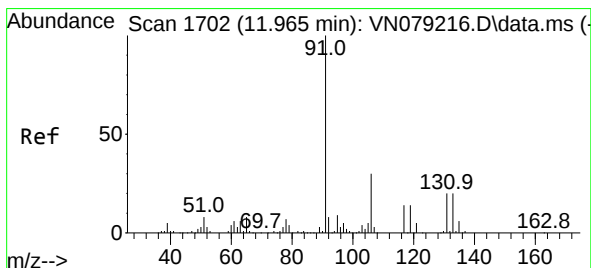
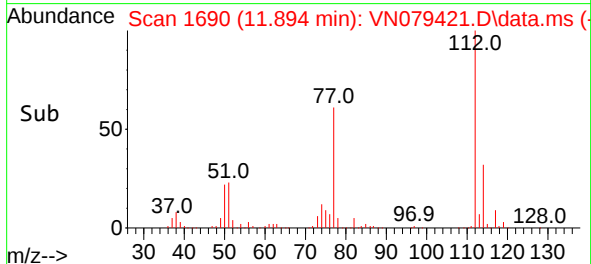
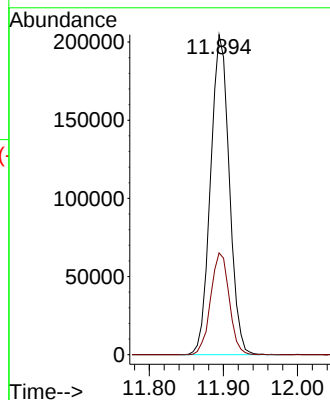
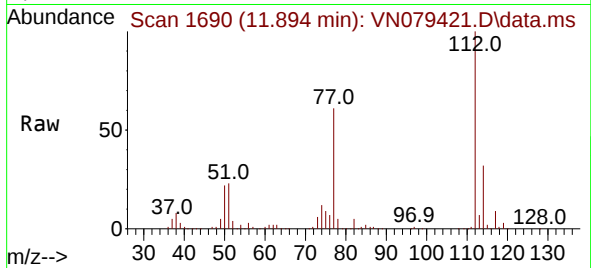




#65
Chlorobenzene
Concen: 52.723 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

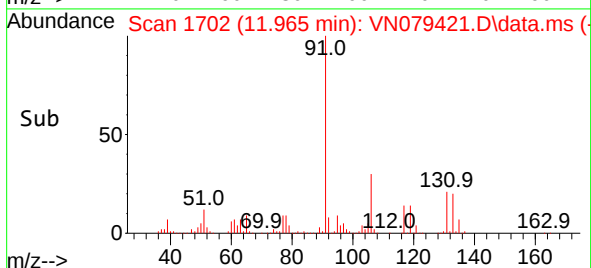
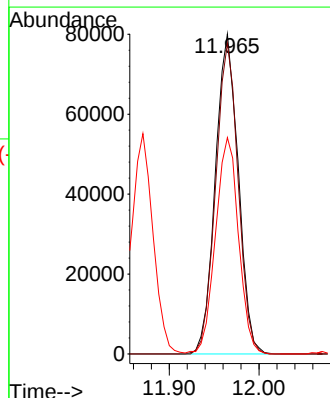
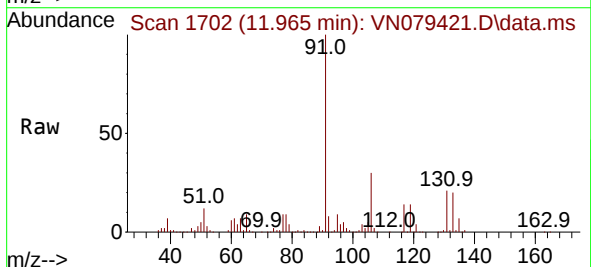
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

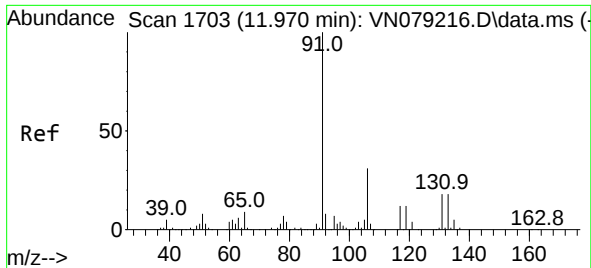
Tgt Ion:112 Resp: 359159
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.634 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion:131 Resp: 142115
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 67.9 34.1 102.2

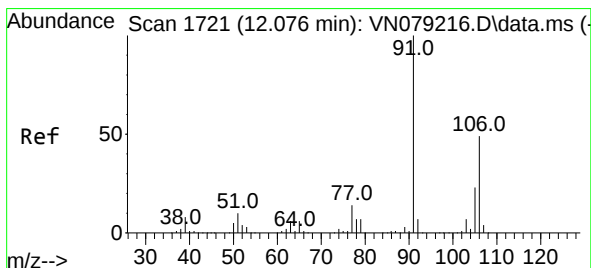
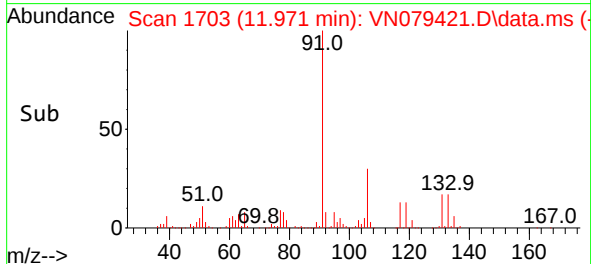
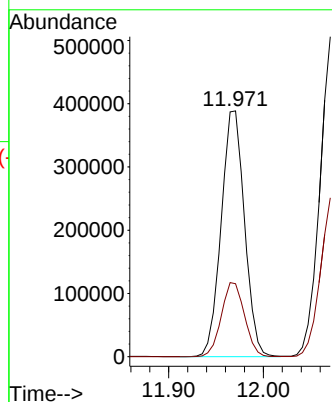
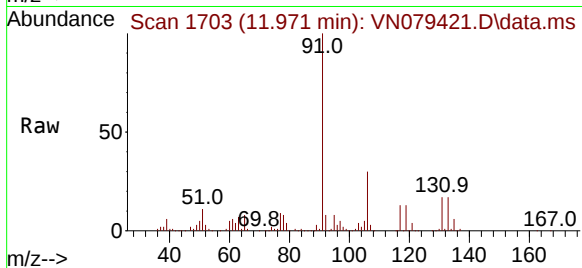




#67
Ethyl Benzene
Concen: 57.215 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

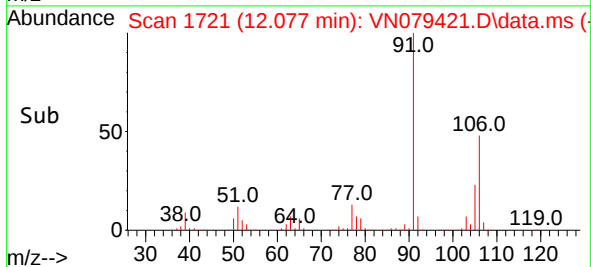
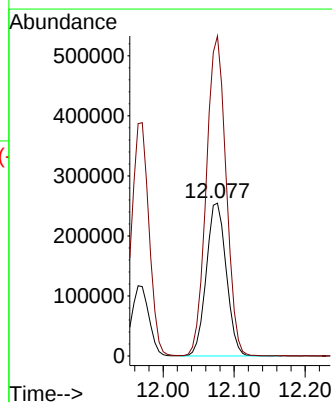
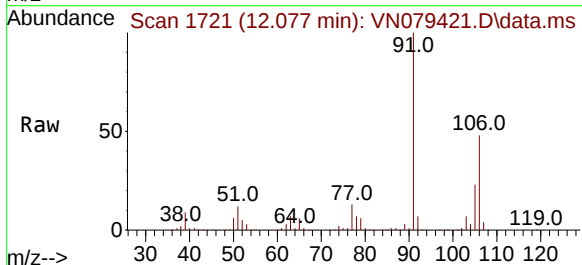
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

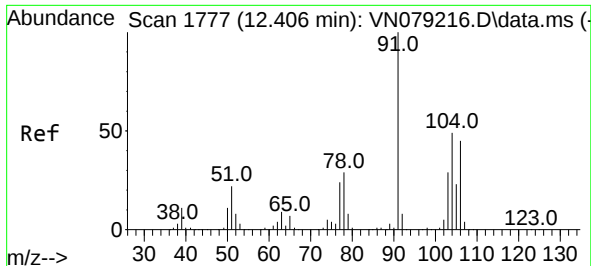
Tgt Ion: 91 Resp: 666672
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 114.742 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 106 Resp: 498335
Ion Ratio Lower Upper
106 100
91 207.1 159.6 239.4

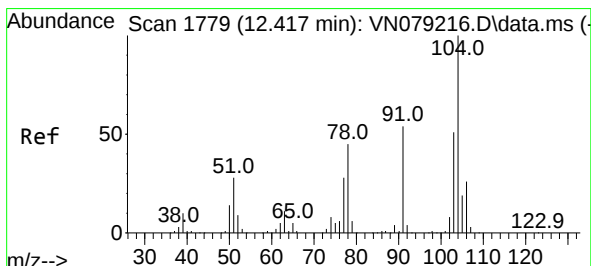
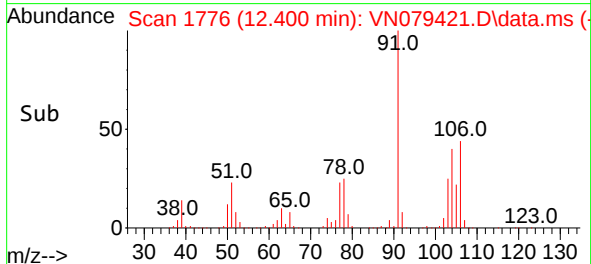
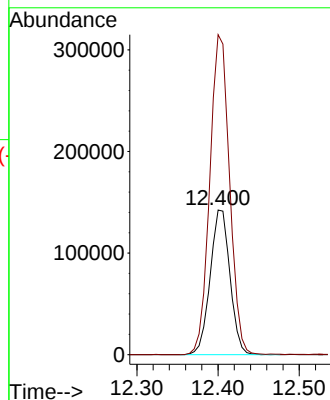
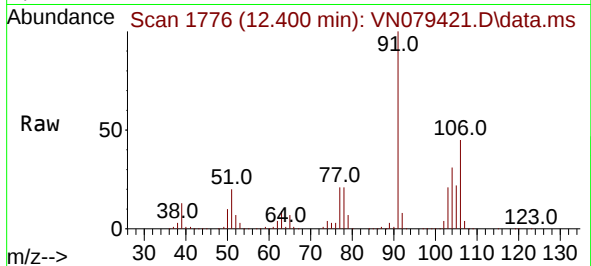




#69
o-Xylene
Concen: 57.887 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

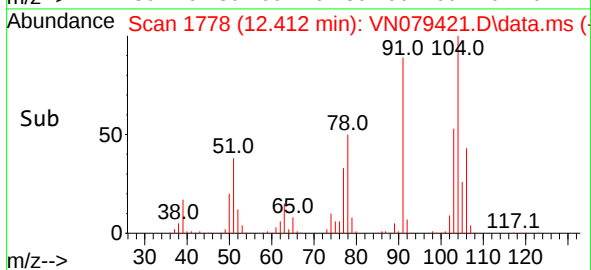
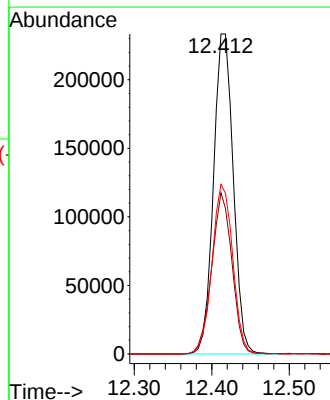
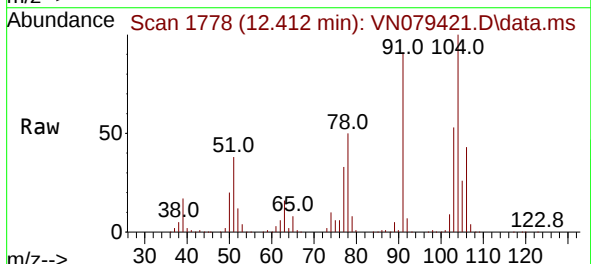
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

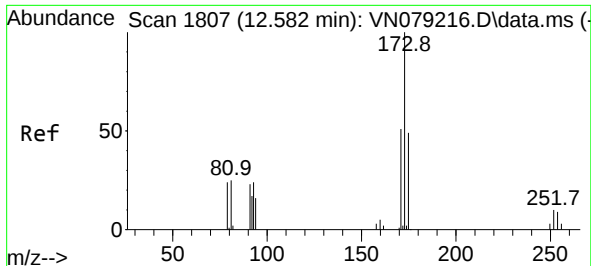
Tgt Ion:106 Resp: 241118
Ion Ratio Lower Upper
106 100
91 221.0 105.2 315.5



#70
Styrene
Concen: 61.734 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion:104 Resp: 413565
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 55.4 43.2 64.8

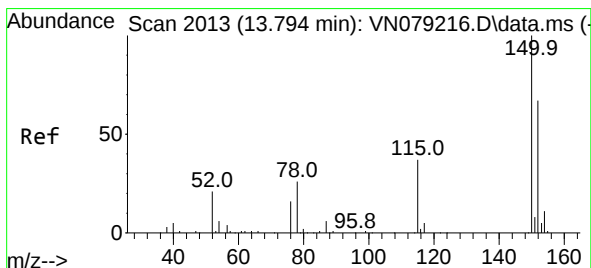
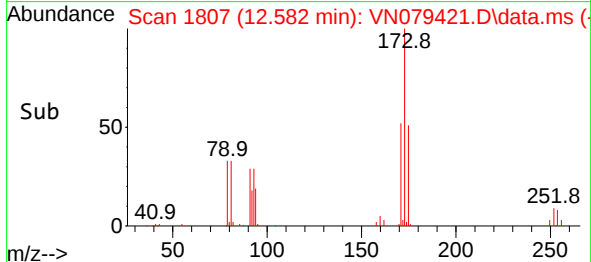
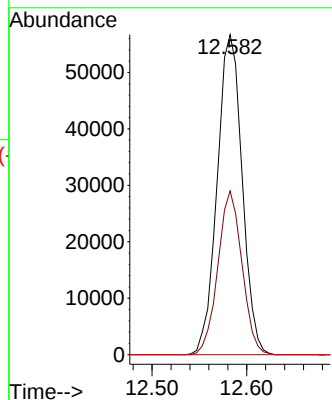
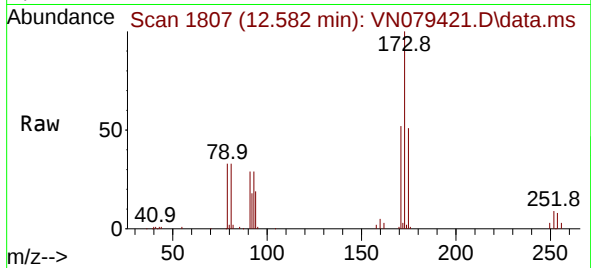




#71
Bromoform
Concen: 55.074 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

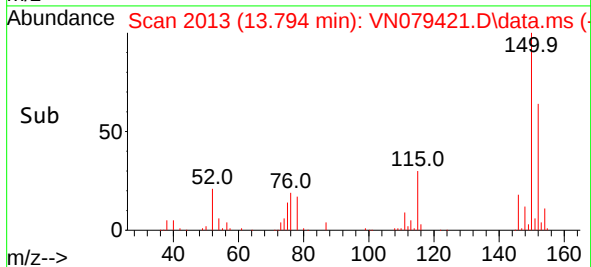
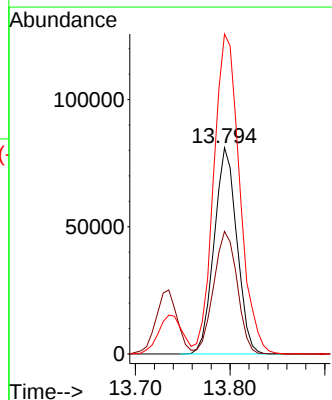
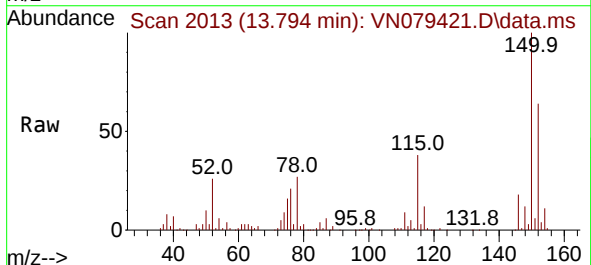
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

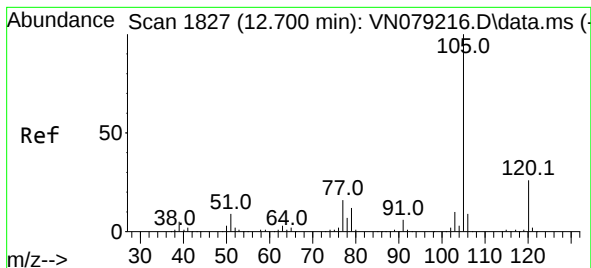
Tgt Ion:173 Resp: 103858
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion:152 Resp: 134811
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 177.4 0.0 355.8





#73

Isopropylbenzene

Concen: 51.637 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

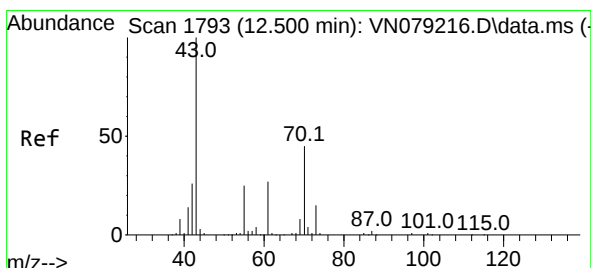
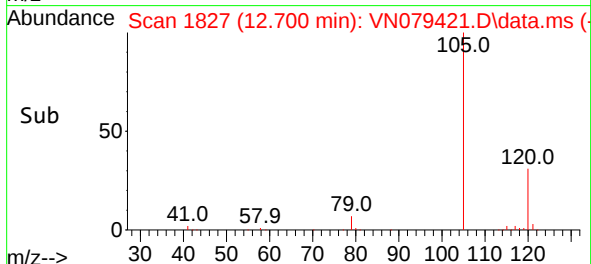
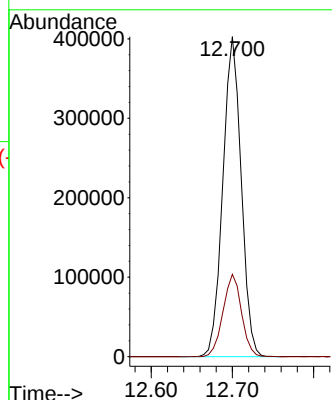
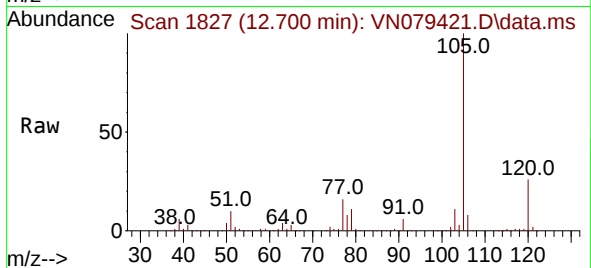
VSTDCCC050

Tgt Ion:105 Resp: 633342

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 59.253 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Tgt Ion: 43 Resp: 275728

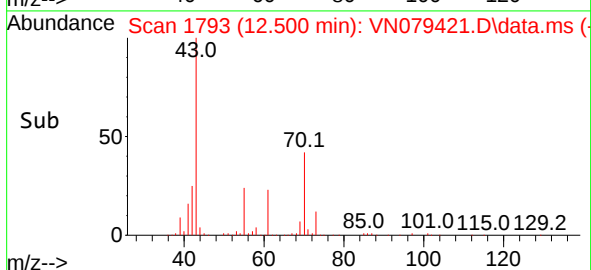
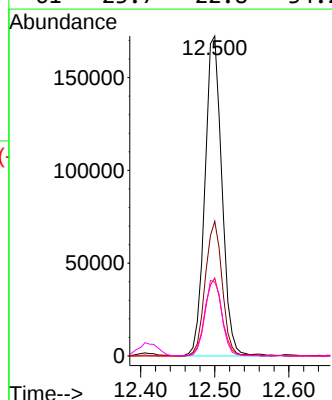
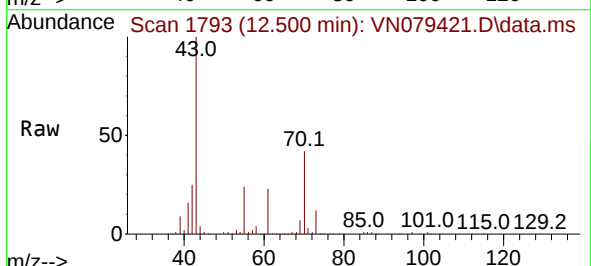
Ion Ratio Lower Upper

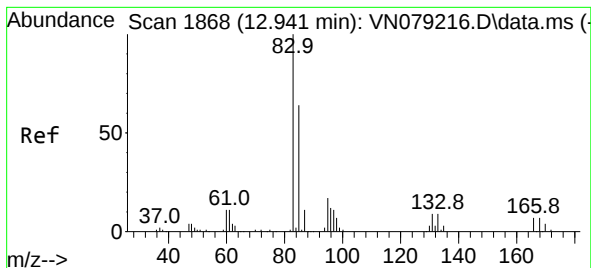
43 100

70 41.8 43.4 65.2#

55 24.6 21.4 32.0

61 23.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.591 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

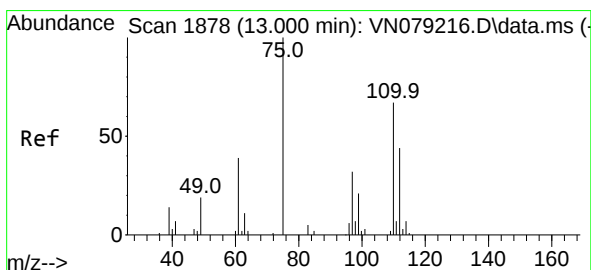
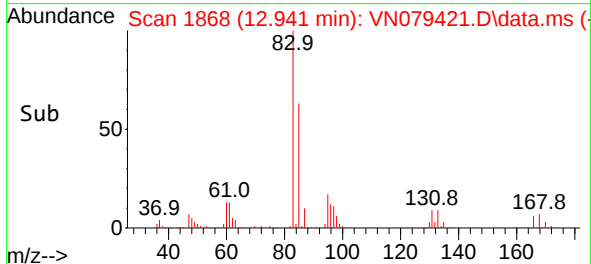
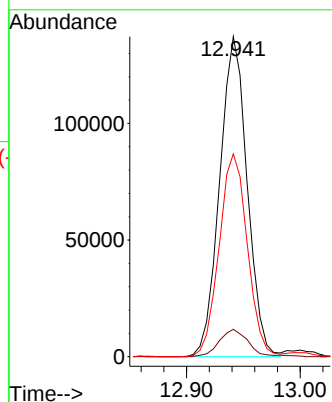
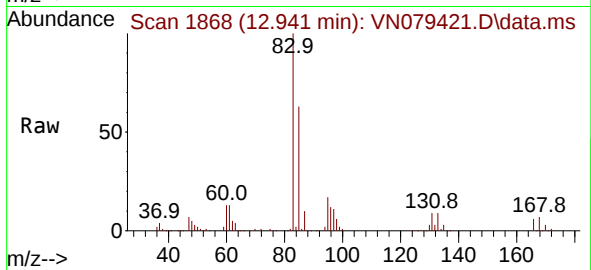
Tgt Ion: 83 Resp: 231067

Ion Ratio Lower Upper

83 100

131 9.1 5.0 15.0

85 64.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 74.481 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079421.D

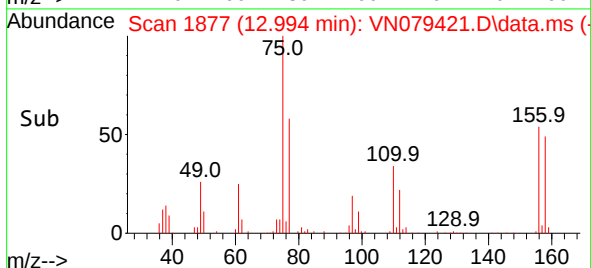
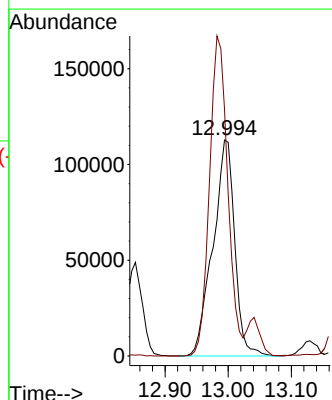
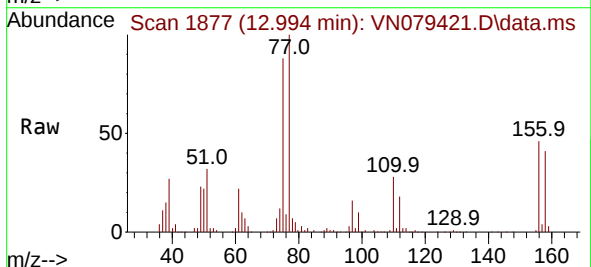
Acq: 05 Oct 2023 15:50

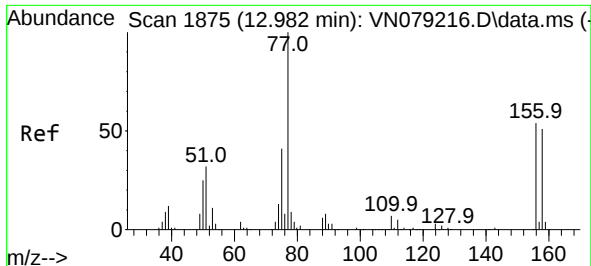
Tgt Ion: 75 Resp: 270614

Ion Ratio Lower Upper

75 100

77 124.2 84.5 253.5

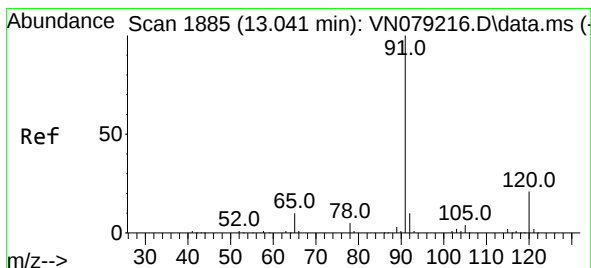
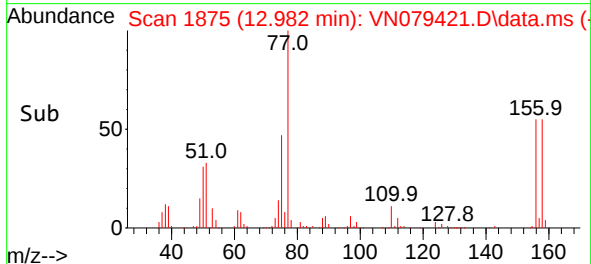
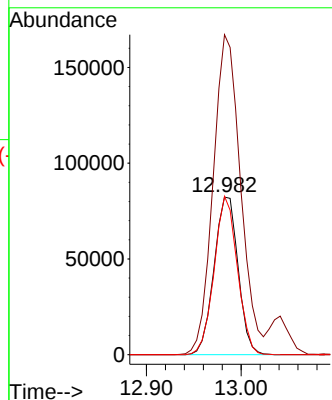
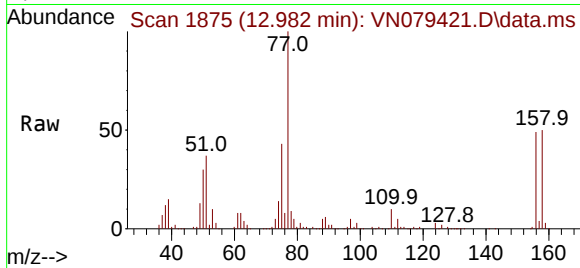




#77
Bromobenzene
Concen: 46.771 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

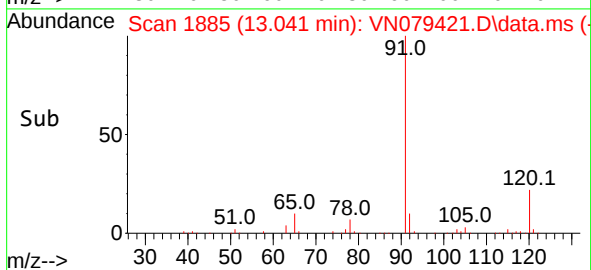
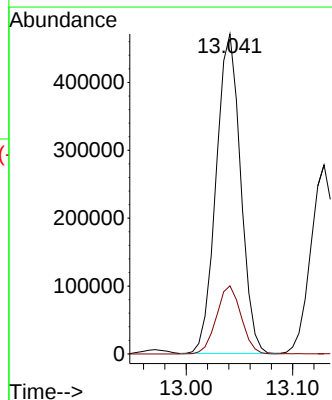
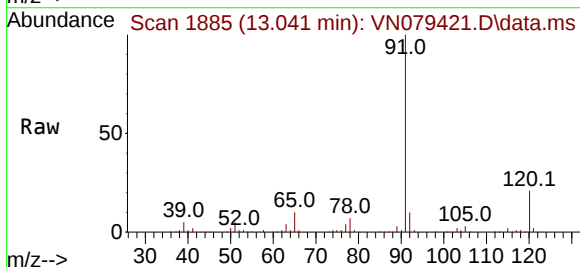
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

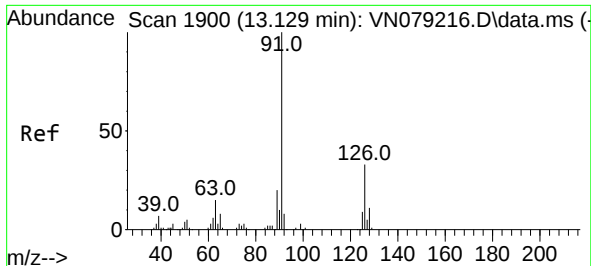
Tgt Ion:156 Resp: 145259
Ion Ratio Lower Upper
156 100
77 231.4 107.7 323.3
158 96.9 48.4 145.3



#78
n-propylbenzene
Concen: 54.461 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 91 Resp: 750385
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4

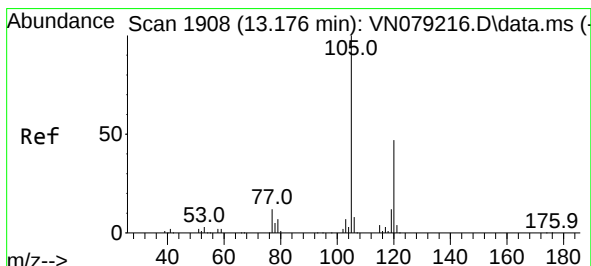
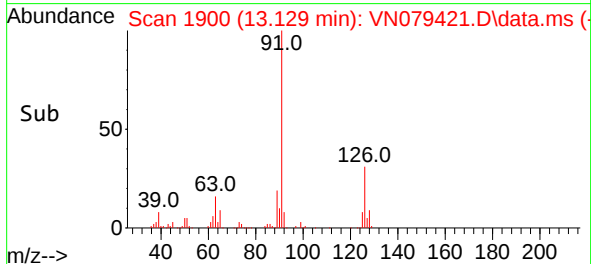
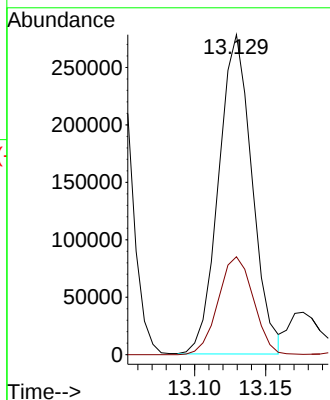
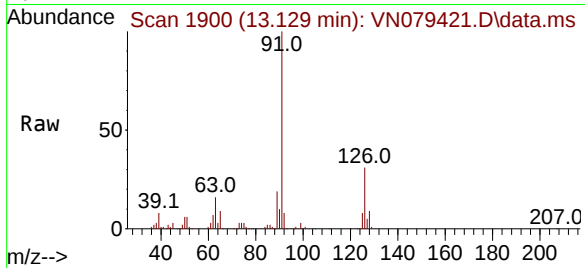




#79
2-Chlorotoluene
Concen: 50.577 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

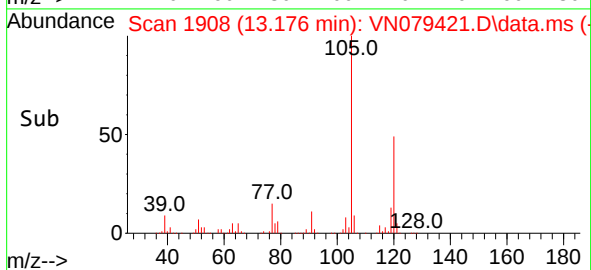
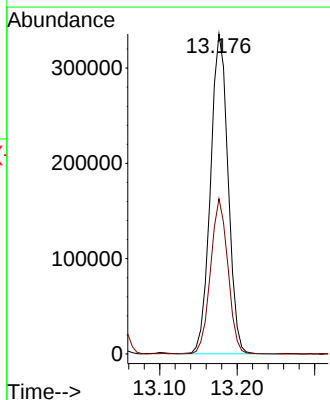
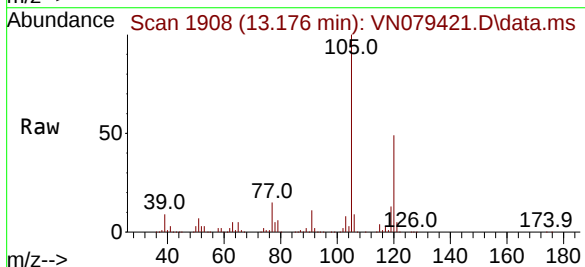
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

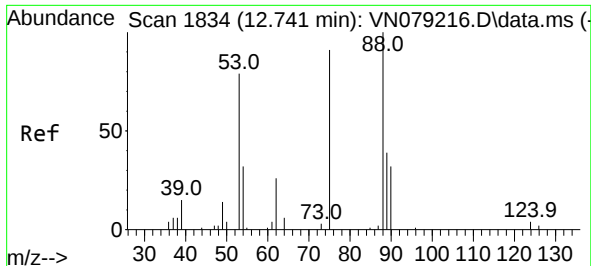
Tgt Ion: 91 Resp: 455780
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 51.668 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 105 Resp: 528055
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3

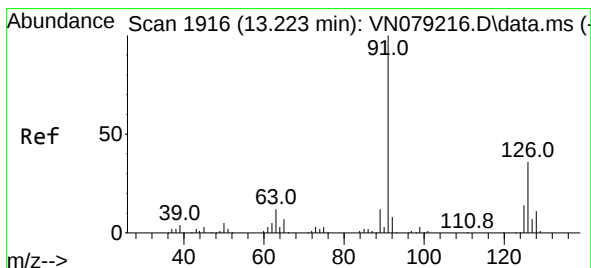
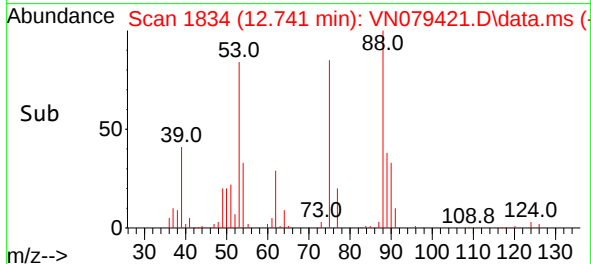
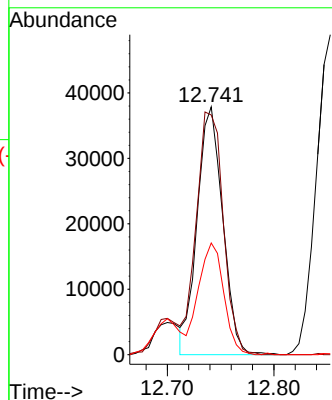
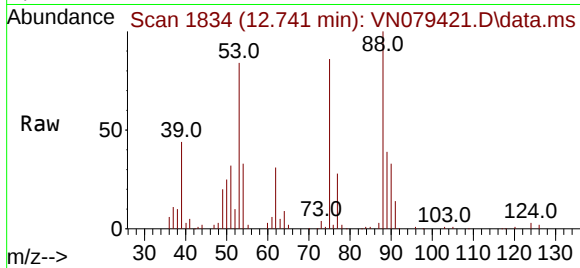




#81
trans-1,4-Dichloro-2-butene
Concen: 47.749 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

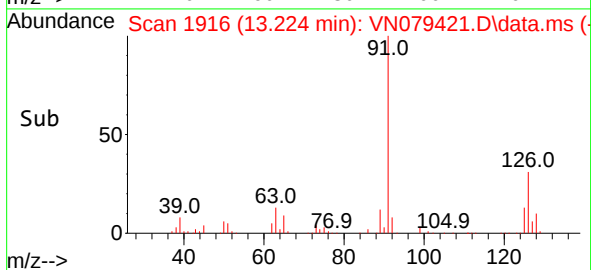
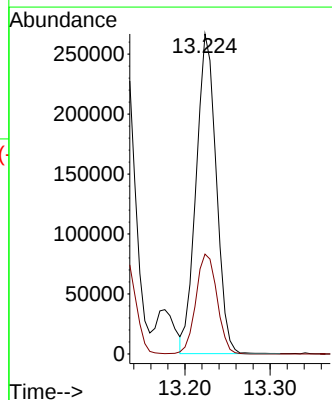
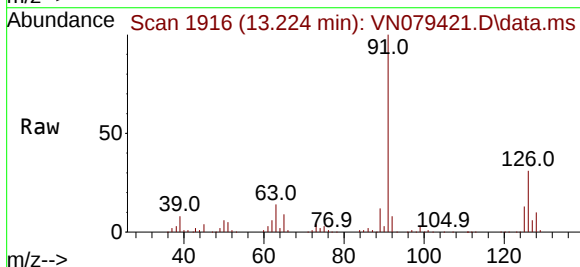
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

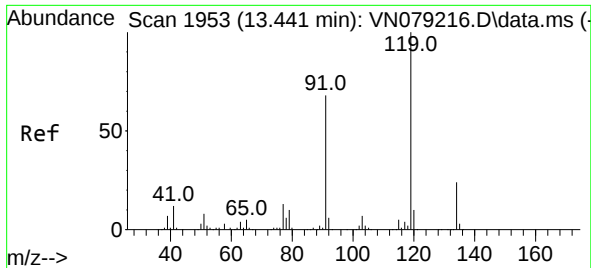
Tgt Ion: 75 Resp: 63105
Ion Ratio Lower Upper
75 100
53 103.9 67.4 101.2#
89 44.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 51.441 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.005 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 91 Resp: 435589
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0

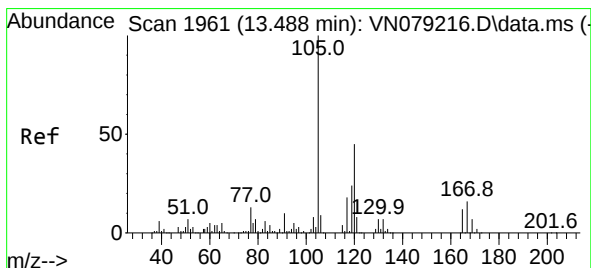
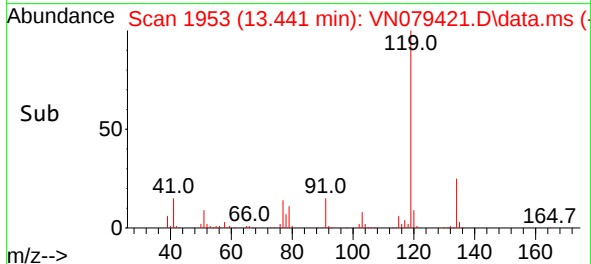
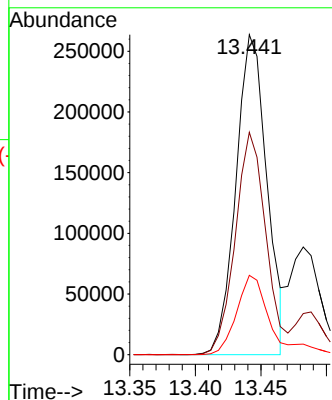
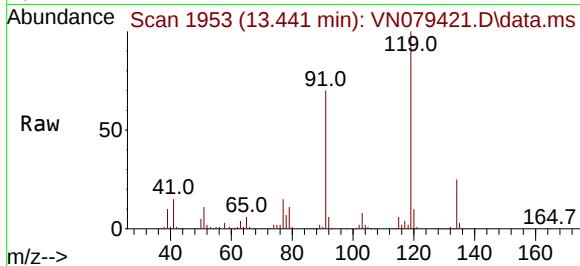




#83
tert-Butylbenzene
Concen: 51.156 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

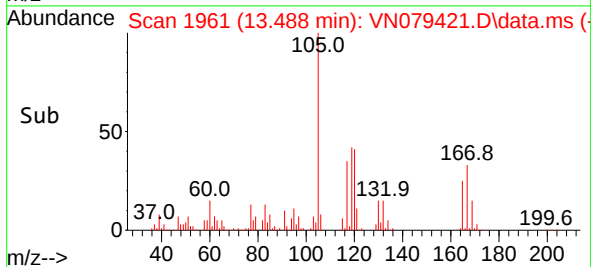
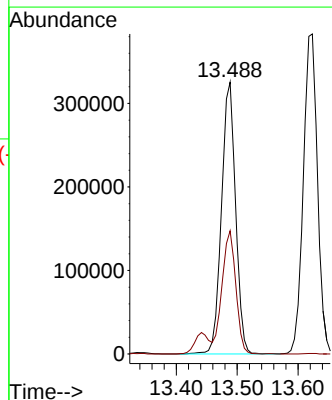
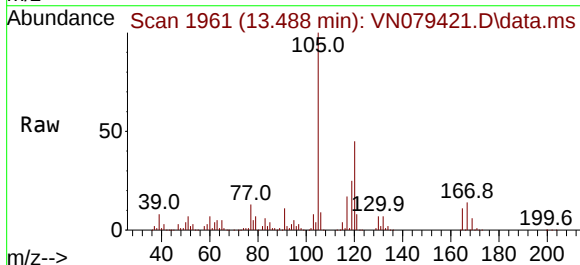
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

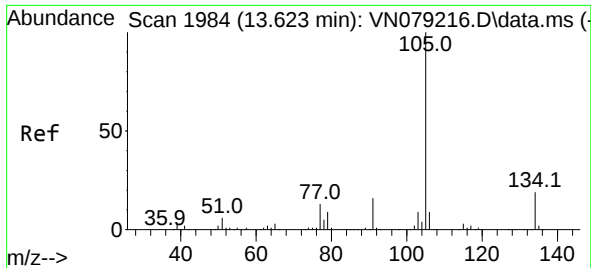
Tgt Ion:119 Resp: 432511
Ion Ratio Lower Upper
119 100
91 68.9 33.9 101.7
134 27.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 53.782 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion:105 Resp: 523470
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0

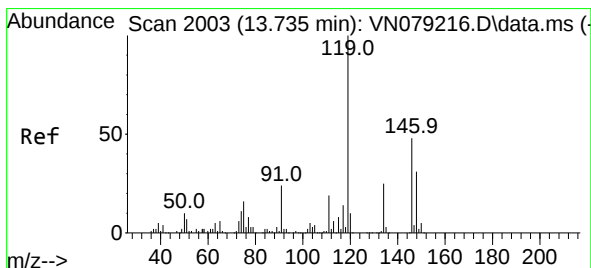
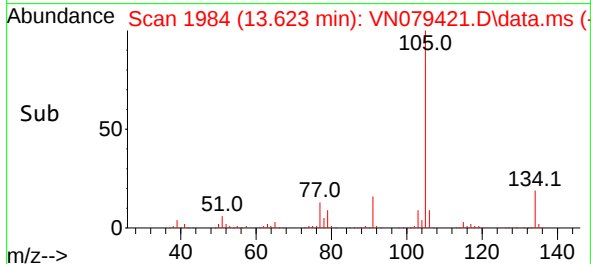
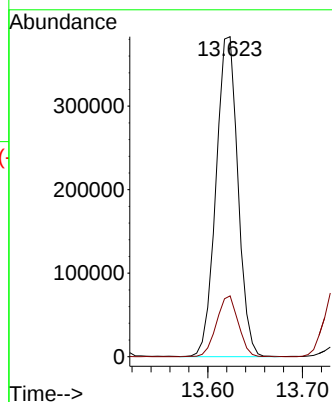
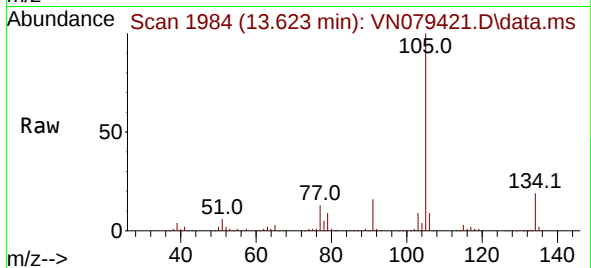




#85
 sec-Butylbenzene
 Concen: 53.029 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079421.D
 Acq: 05 Oct 2023 15:50

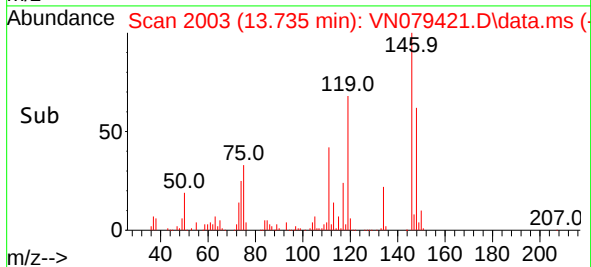
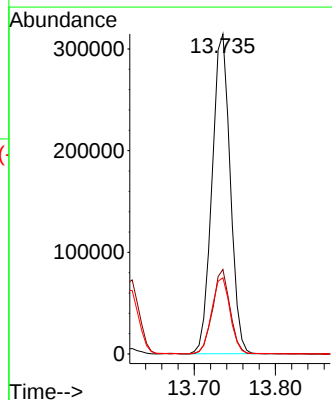
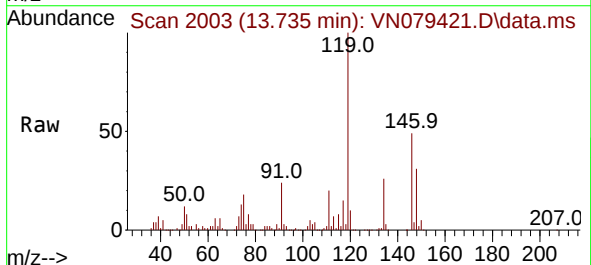
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

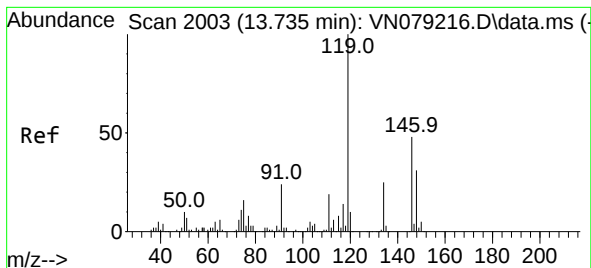
Tgt Ion:105 Resp: 617236
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.473 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079421.D
 Acq: 05 Oct 2023 15:50

Tgt Ion:119 Resp: 487952
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.405 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

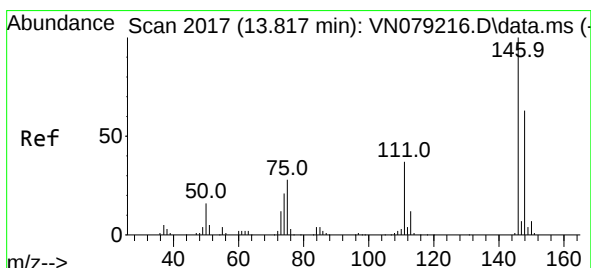
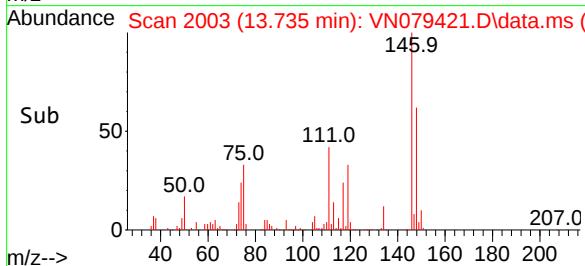
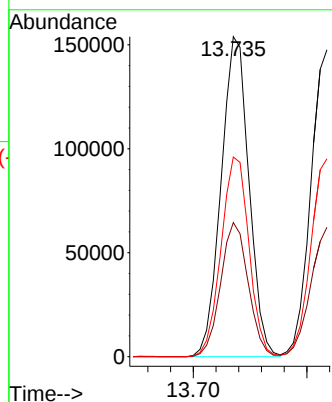
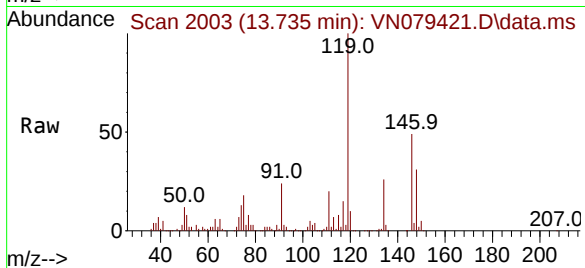
Tgt Ion:146 Resp: 261859

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.3

148 62.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.182 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

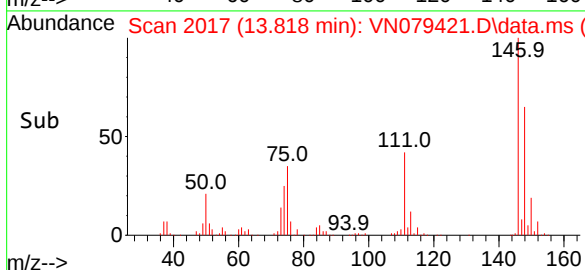
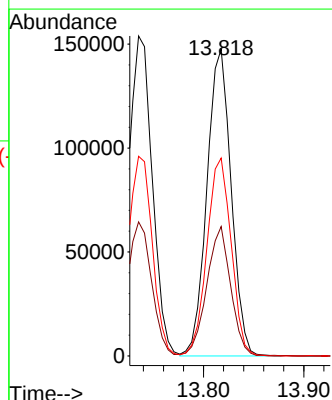
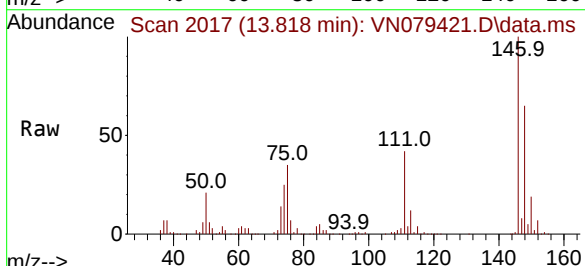
Tgt Ion:146 Resp: 248012

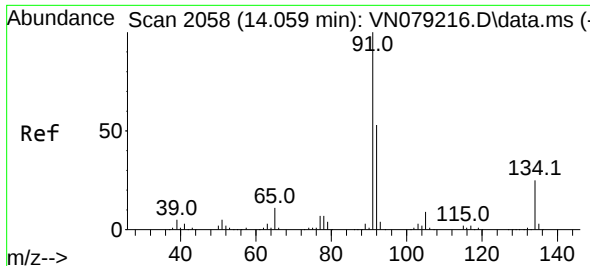
Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.8

148 64.7 31.6 94.8

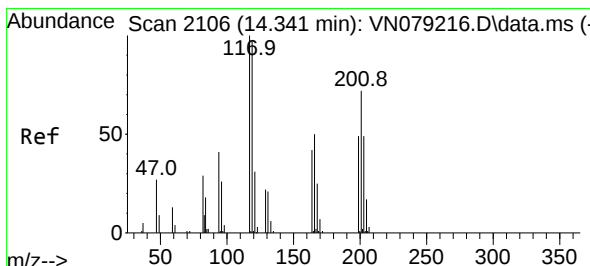
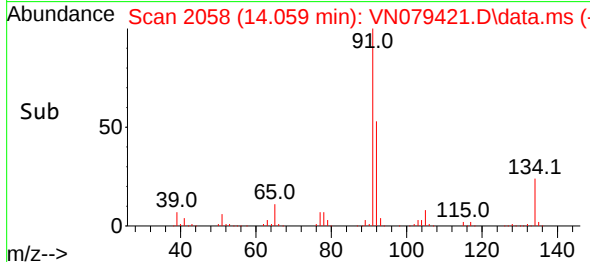
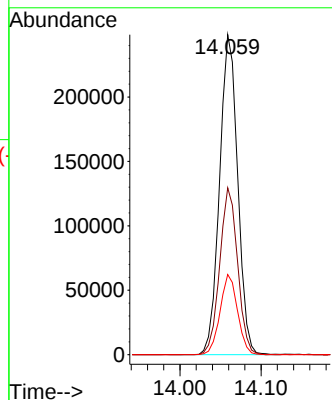
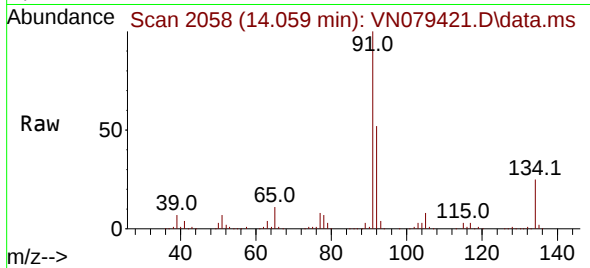




#89
n-Butylbenzene
Concen: 52.741 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

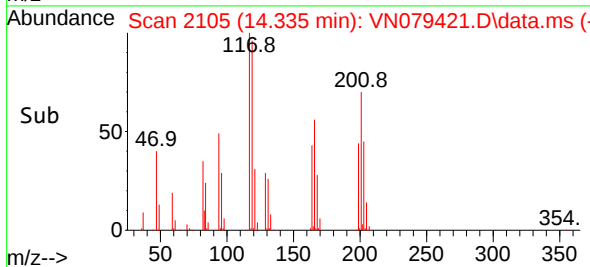
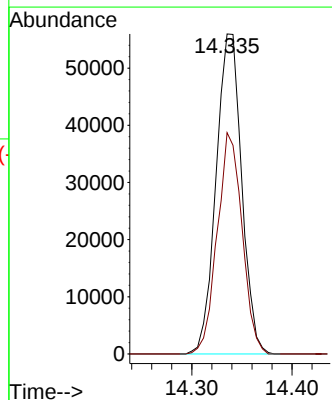
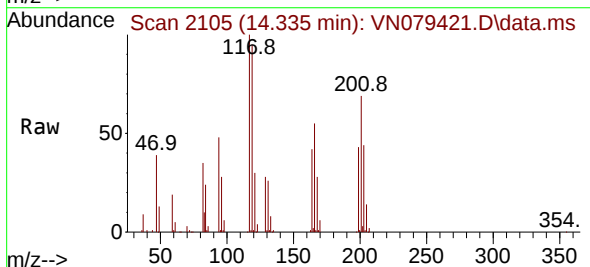
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

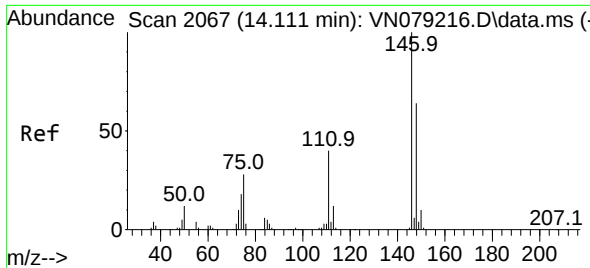
Tgt Ion: 91 Resp: 385674
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 24.2 12.6 37.6



#90
Hexachloroethane
Concen: 52.600 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 117 Resp: 99331
Ion Ratio Lower Upper
117 100
201 67.1 29.3 88.0

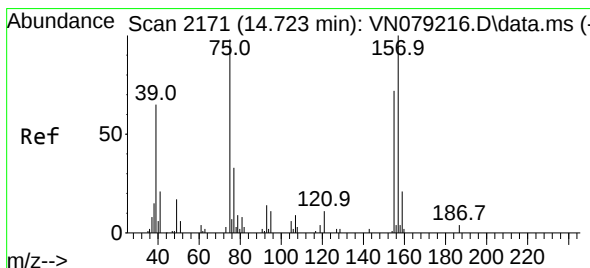
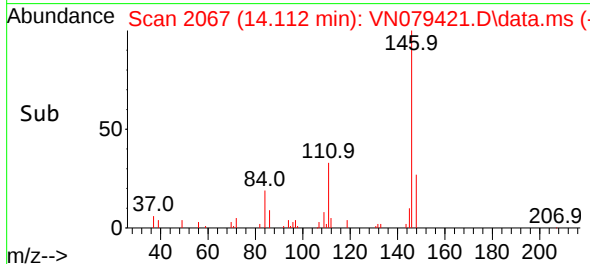
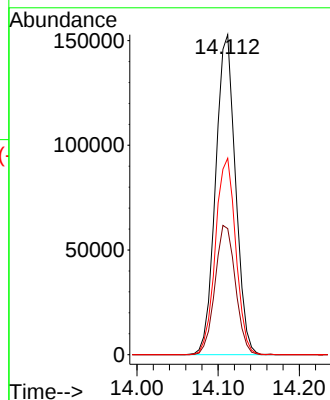
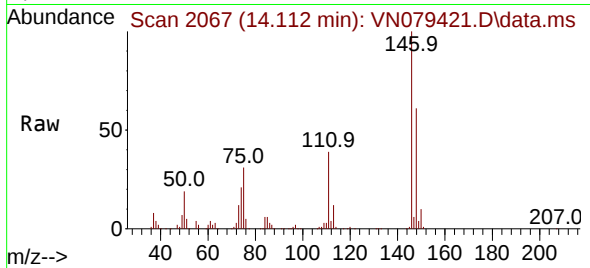




#91
1,2-Dichlorobenzene
Concen: 51.750 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

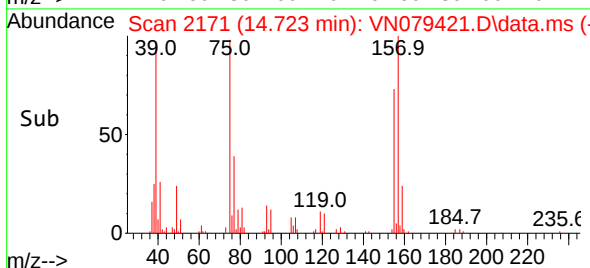
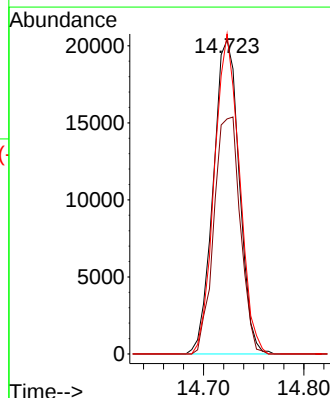
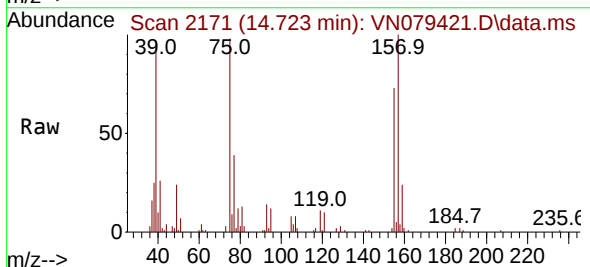
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

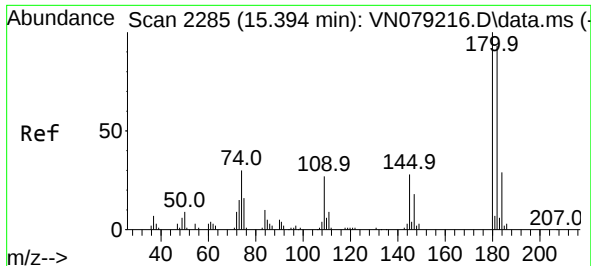
Tgt Ion:146 Resp: 260233
Ion Ratio Lower Upper
146 100
111 41.4 22.0 66.0
148 62.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.798 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079421.D
Acq: 05 Oct 2023 15:50

Tgt Ion: 75 Resp: 36658
Ion Ratio Lower Upper
75 100
155 76.6 39.1 117.2
157 98.1 50.3 150.9

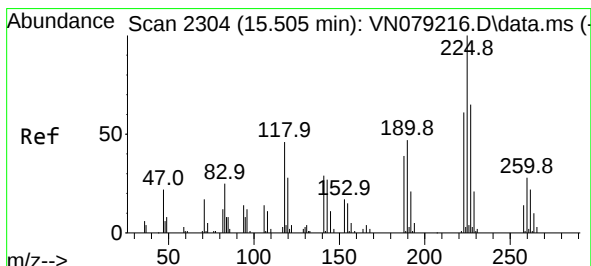
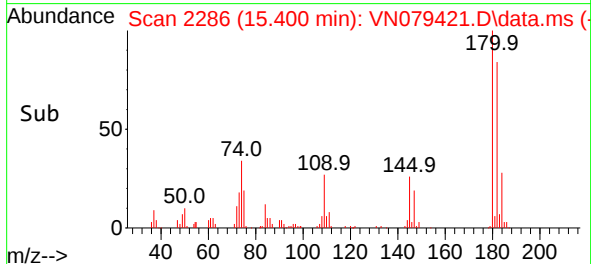
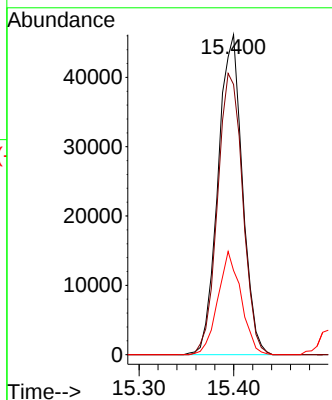
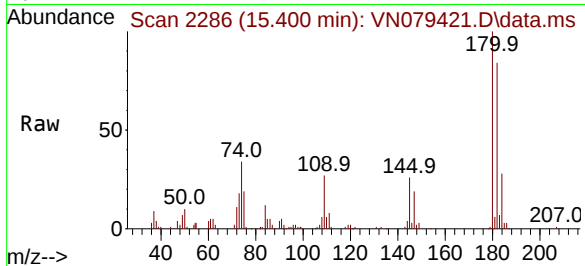




#93
 1,2,4-Trichlorobenzene
 Concen: 45.707 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079421.D
 Acq: 05 Oct 2023 15:50

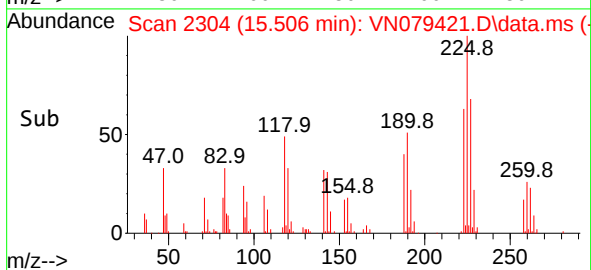
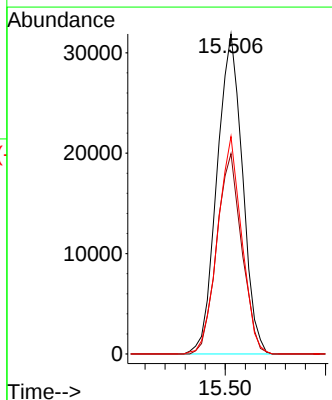
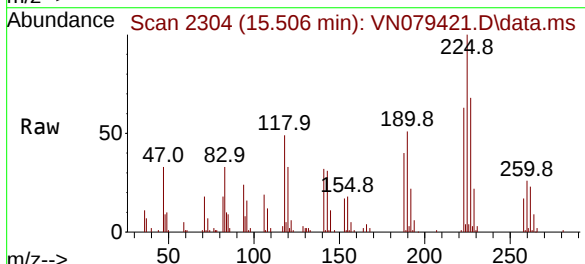
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 VSTDCCC050

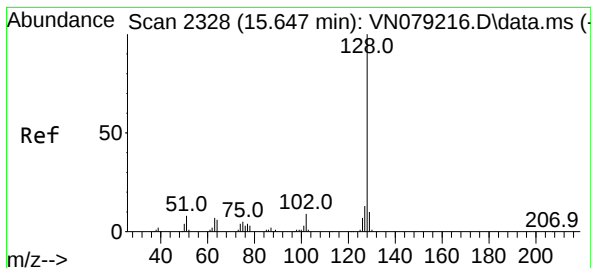
Tgt Ion:180 Resp: 82598
 Ion Ratio Lower Upper
 180 100
 182 90.6 46.1 138.2
 145 30.7 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 39.498 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079421.D
 Acq: 05 Oct 2023 15:50

Tgt Ion:225 Resp: 56149
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.3 93.8
 227 64.5 31.9 95.9





#95

Naphthalene

Concen: 41.655 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

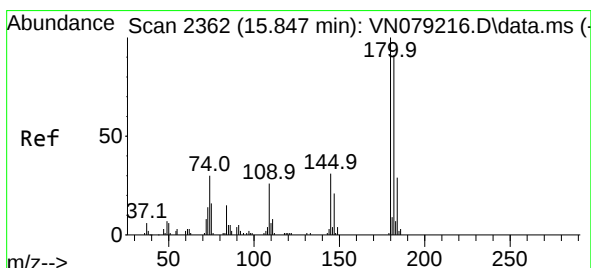
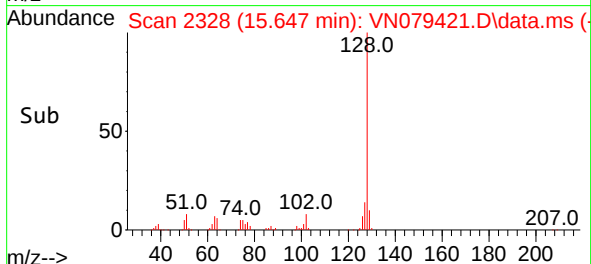
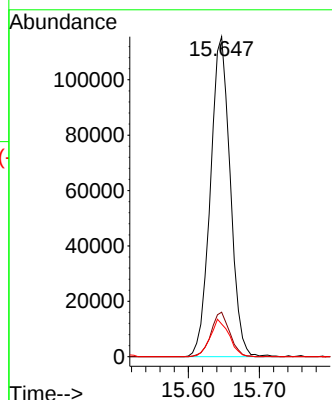
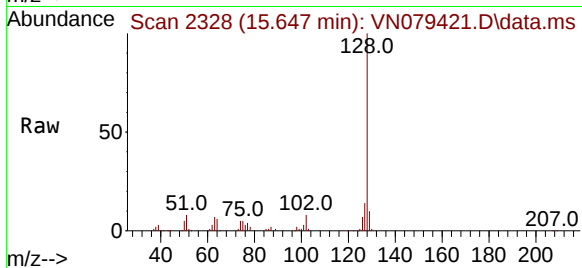
Tgt Ion:128 Resp: 223572

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 41.487 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079421.D

Acq: 05 Oct 2023 15:50

Tgt Ion:180 Resp: 88436

Ion Ratio Lower Upper

180 100

182 96.3 46.2 138.6

145 34.0 17.5 52.6

