

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111323\
 Data File : VN080055.D
 Acq On : 13 Nov 2023 10:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 19:21:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	219326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	321175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	194755	58.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.560%
35) Dibromofluoromethane	8.165	113	149655	60.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	120.580%
50) Toluene-d8	10.565	98	539635	59.050	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	118.100%#
62) 4-Bromofluorobenzene	12.847	95	206094	67.999	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	136.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	183193	69.343	ug/l	99
3) Chloromethane	2.359	50	143420	43.332	ug/l	99
4) Vinyl Chloride	2.518	62	138392	40.019	ug/l	99
5) Bromomethane	2.953	94	78673	37.443	ug/l	90
6) Chloroethane	3.124	64	87422	31.994	ug/l	99
7) Trichlorofluoromethane	3.501	101	273453	63.577	ug/l	94
8) Diethyl Ether	3.959	74	90183	55.252	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.365	101	139743	56.046	ug/l	98
10) Methyl Iodide	4.595	142	156625	55.007	ug/l	92
11) Tert butyl alcohol	5.512	59	89246	209.224	ug/l	99
12) 1,1-Dichloroethene	4.342	96	126948	53.773	ug/l	89
13) Acrolein	4.177	56	95129	295.399	ug/l	97
14) Allyl chloride	5.024	41	181630	50.231	ug/l	97
15) Acrylonitrile	5.712	53	324090	243.805	ug/l	99
16) Acetone	4.424	43	319754	272.424	ug/l	99
17) Carbon Disulfide	4.712	76	310674	45.622	ug/l	98
18) Methyl Acetate	5.024	43	252377	44.943	ug/l	90
19) Methyl tert-butyl Ether	5.794	73	489152	60.182	ug/l	99
20) Methylene Chloride	5.277	84	153861	51.951	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	139701	53.058	ug/l #	83
22) Diisopropyl ether	6.671	45	444962	53.101	ug/l	93
23) Vinyl Acetate	6.600	43	1141825	247.035	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	286345	56.222	ug/l	98
25) 2-Butanone	7.483	43	408749	237.815	ug/l #	87
26) 2,2-Dichloropropane	7.488	77	267892	63.600	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	171521	54.460	ug/l	86
28) Bromochloromethane	7.812	49	129740	52.271	ug/l	85
29) Tetrahydrofuran	7.835	42	242548	216.899	ug/l	86
30) Chloroform	7.965	83	315539	57.036	ug/l	96
31) Cyclohexane	8.259	56	212481	48.122	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	286288	63.511	ug/l	96
36) 1,1-Dichloropropene	8.371	75	216936	61.205	ug/l	95
37) Ethyl Acetate	7.559	43	151694	46.665	ug/l #	94
38) Carbon Tetrachloride	8.359	117	261008	73.067	ug/l	95
39) Methylcyclohexane	9.606	83	196283	58.844	ug/l #	86
40) Benzene	8.606	78	619836	58.386	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	92236	53.434	ug/l	92
42) 1,2-Dichloroethane	8.671	62	244692	65.985	ug/l	95
43) Isopropyl Acetate	8.688	43	270554	47.460	ug/l	97
44) Trichloroethene	9.353	130	154750	58.744	ug/l	95
45) 1,2-Dichloropropane	9.624	63	161323	59.463	ug/l	98
46) Dibromomethane	9.712	93	110085	59.426	ug/l	93
47) Bromodichloromethane	9.888	83	250786	63.478	ug/l	97
48) Methyl methacrylate	9.682	41	132583	53.097	ug/l	86
49) 1,4-Dioxane	9.694	88	46265	1048.584	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	811980	252.997	ug/l	97
52) Toluene	10.629	92	399046	63.404	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	259099	66.899	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	276008	65.382	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	155437	61.403	ug/l	98
56) Ethyl methacrylate	10.876	69	226426	62.708	ug/l	89
57) 1,3-Dichloropropane	11.165	76	275347	61.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	499825	273.114	ug/l	94
59) 2-Hexanone	11.194	43	629922	256.564	ug/l	95
60) Dibromochloromethane	11.359	129	185294	68.383	ug/l	99
61) 1,2-Dibromoethane	11.471	107	150059	59.060	ug/l	99
64) Tetrachloroethene	11.106	164	151479	72.823	ug/l	100
65) Chlorobenzene	11.894	112	417256	59.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	168921	67.296	ug/l	95
67) Ethyl Benzene	11.965	91	769138	63.365	ug/l	96
68) m/p-Xylenes	12.071	106	576034	127.395	ug/l	88
69) o-Xylene	12.400	106	283243	65.052	ug/l	91
70) Styrene	12.412	104	474421	67.799	ug/l	94
71) Bromoform	12.576	173	123348	69.204	ug/l #	99
73) Isopropylbenzene	12.694	105	737112	61.489	ug/l	99
74) N-amyl acetate	12.494	43	227137	43.409	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	203285	47.828	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	191032m	51.515	ug/l	
77) Bromobenzene	12.982	156	175089	59.657	ug/l	98
78) n-propylbenzene	13.035	91	849479	61.880	ug/l	99
79) 2-Chlorotoluene	13.129	91	546115	62.273	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	636037	68.194	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	66928	49.105	ug/l #	78
82) 4-Chlorotoluene	13.223	91	546122	62.668	ug/l	97
83) tert-Butylbenzene	13.441	119	502696	65.845	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	627284	68.359	ug/l	98
85) sec-Butylbenzene	13.617	105	697447	65.938	ug/l	99
86) p-Isopropyltoluene	13.729	119	593906	68.869	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	320977	58.789	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	320713	57.871	ug/l	99
89) n-Butylbenzene	14.059	91	493240	66.407	ug/l	99
90) Hexachloroethane	14.335	117	107127	62.726	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	310011	60.149	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42794	59.371	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	162295	66.224	ug/l	96
94) Hexachlorobutadiene	15.506	225	83819	75.447	ug/l	97
95) Naphthalene	15.641	128	454390	54.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	151334	62.997	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

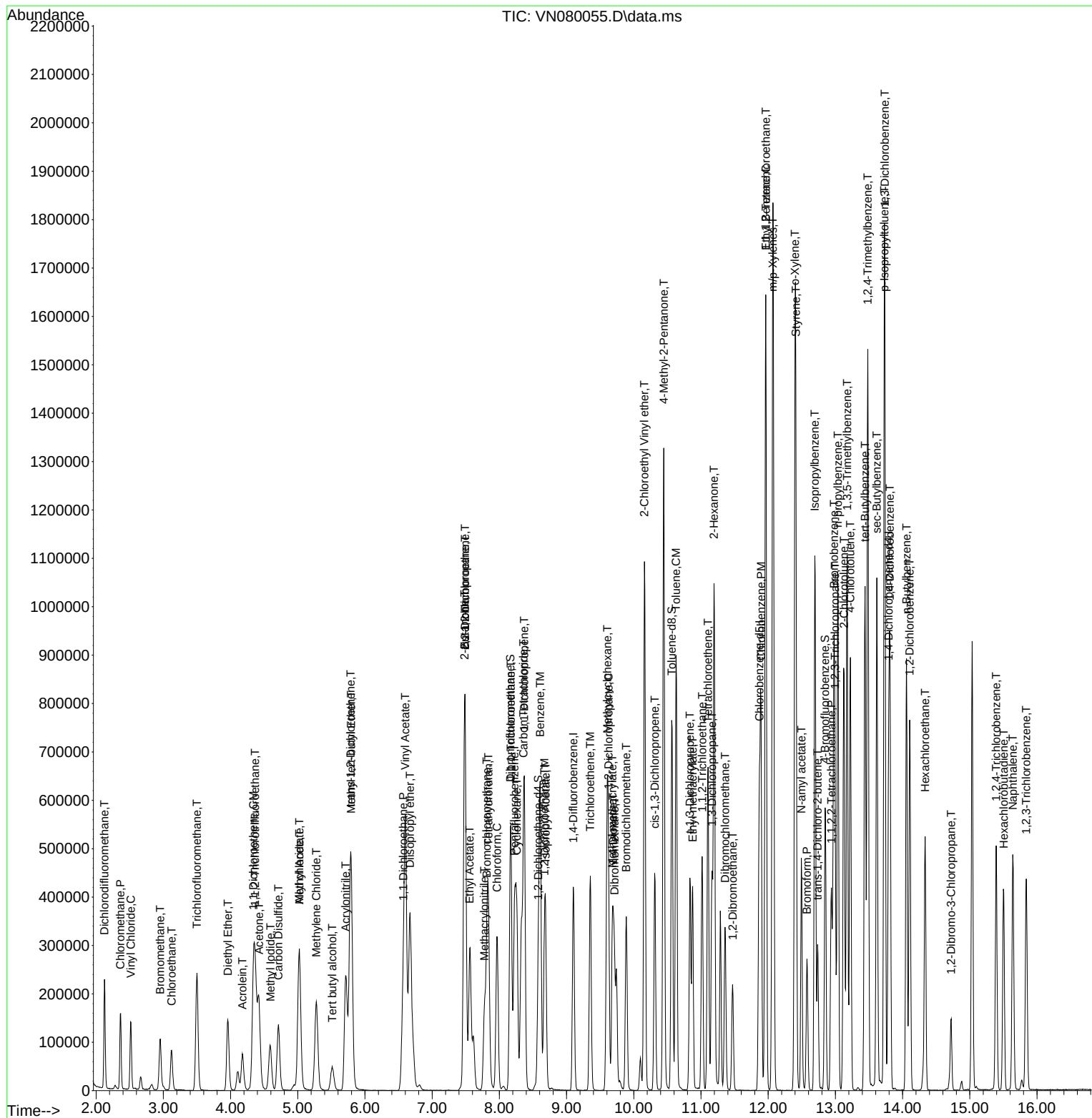
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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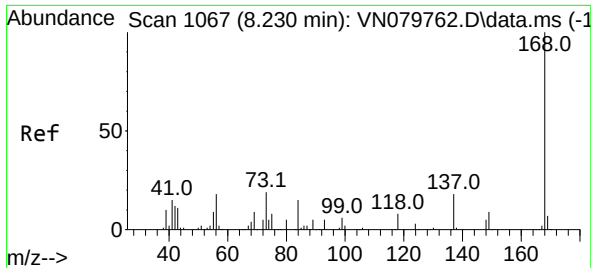
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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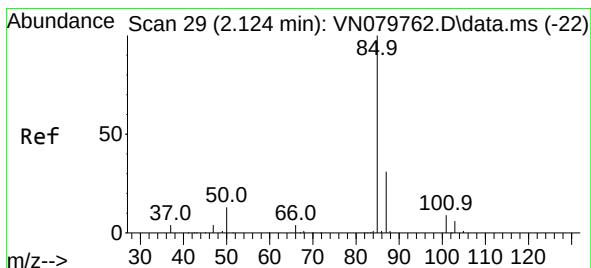
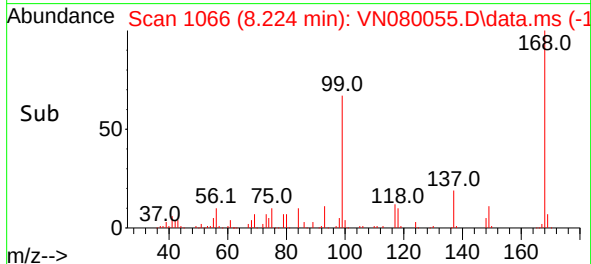
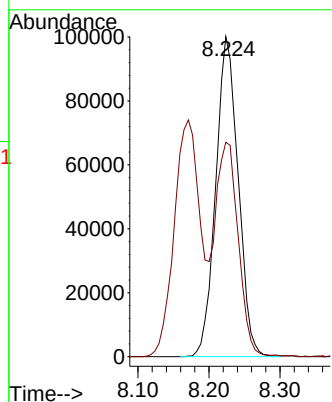
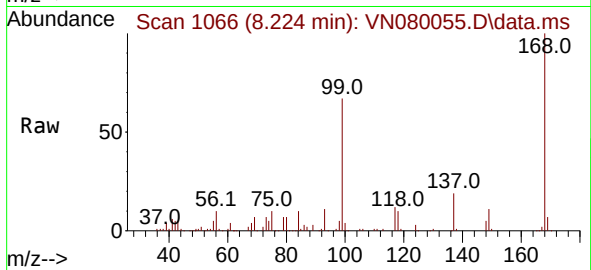




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080055.D
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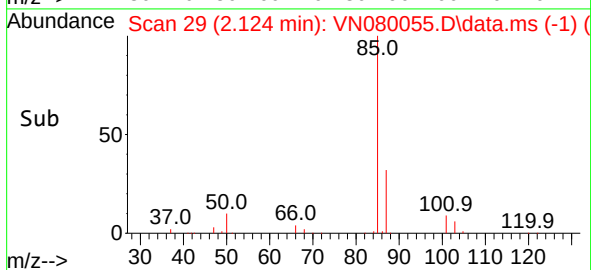
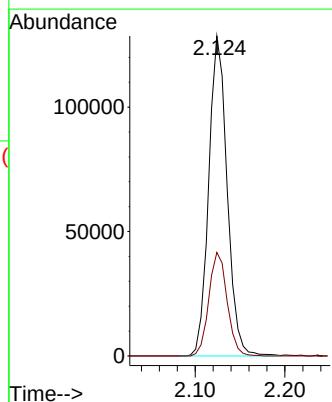
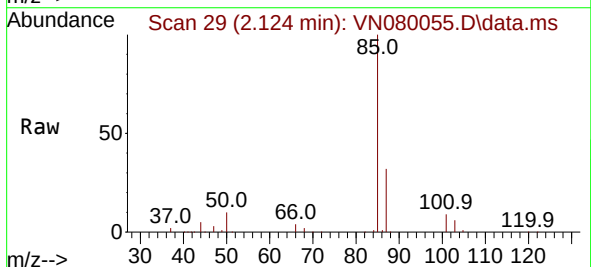
Instrument :
MSVOA_N
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VSTDCCC050

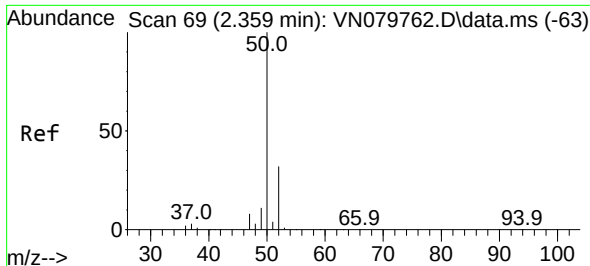
Tgt Ion:168 Resp: 219326
Ion Ratio Lower Upper
168 100
99 66.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 69.343 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 85 Resp: 183193
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4

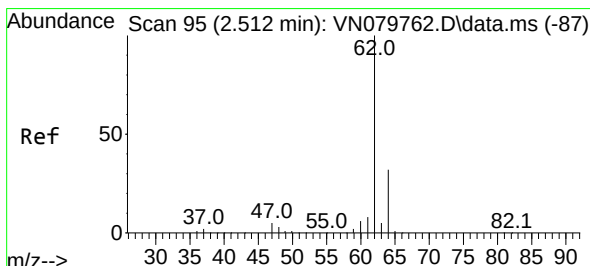
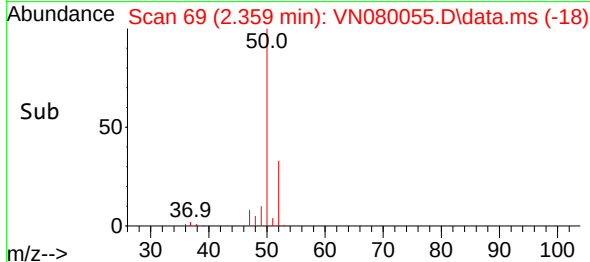
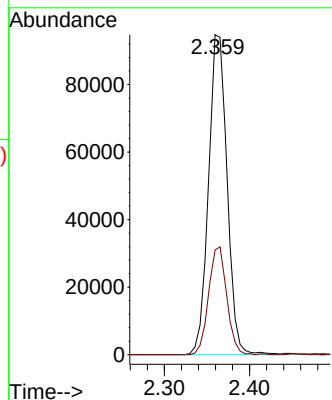
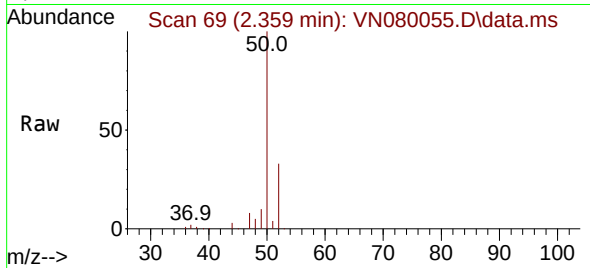




#3
Chloromethane
Concen: 43.332 ug/l
RT: 2.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

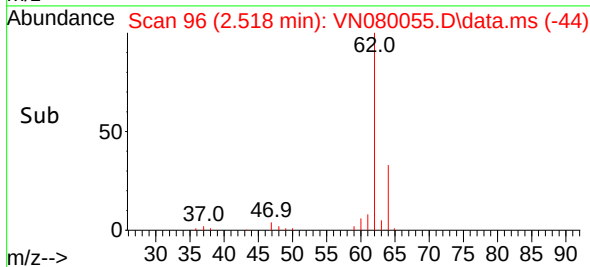
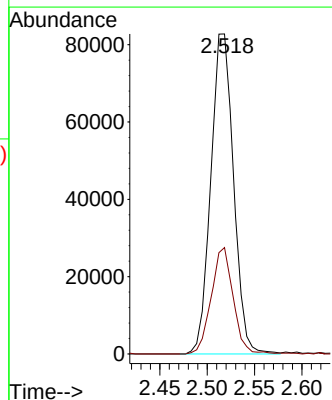
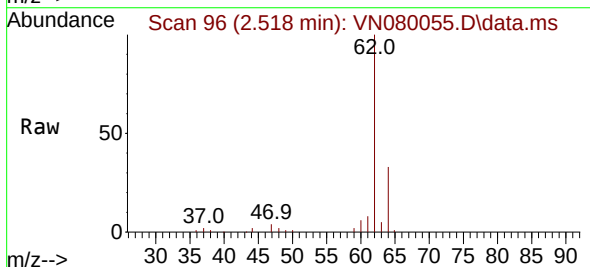
Instrument :
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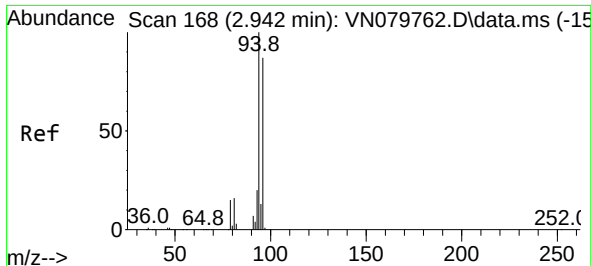
Tgt Ion: 50 Resp: 143420
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7



#4
Vinyl Chloride
Concen: 40.019 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 62 Resp: 138392
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2

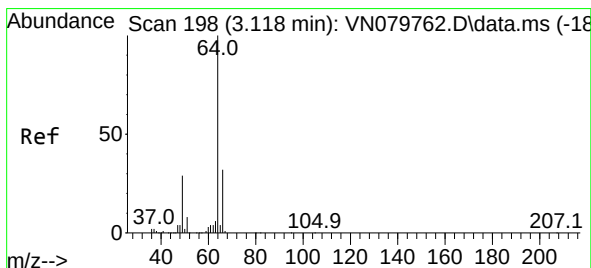
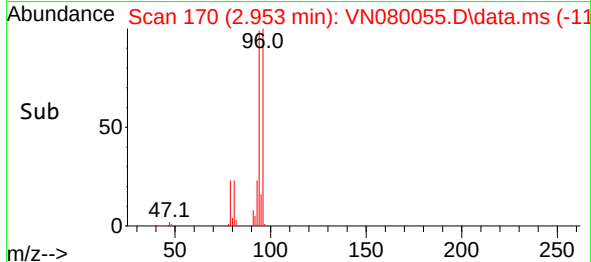
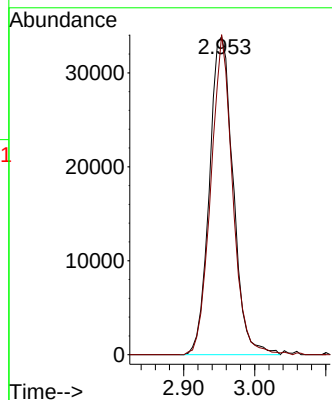
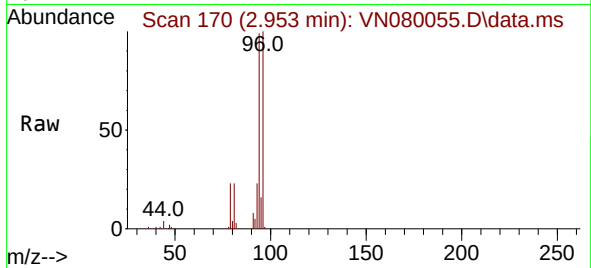




#5
Bromomethane
Concen: 37.443 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080055.D
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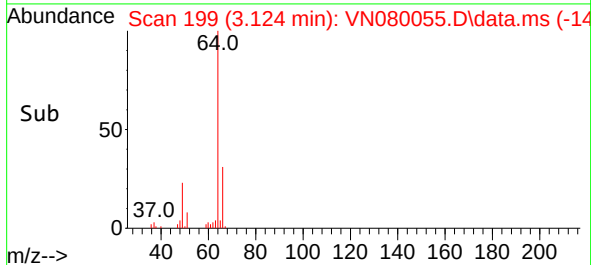
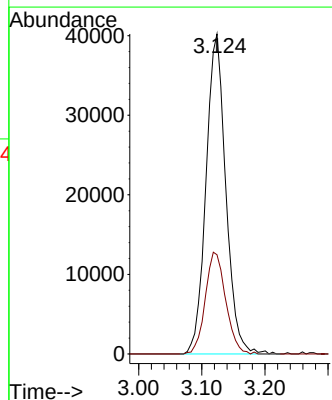
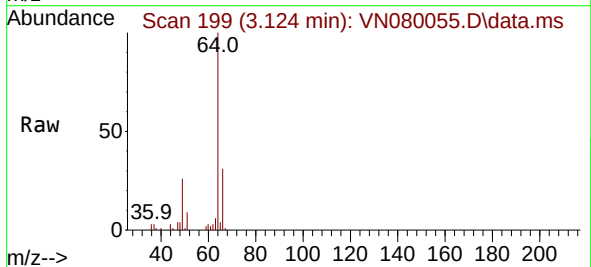
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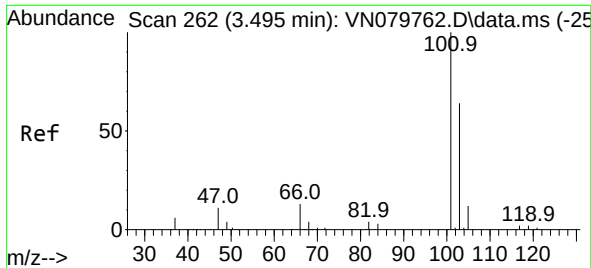
Tgt Ion: 94 Resp: 78673
Ion Ratio Lower Upper
94 100
96 100.6 73.1 109.7



#6
Chloroethane
Concen: 31.994 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 64 Resp: 87422
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2

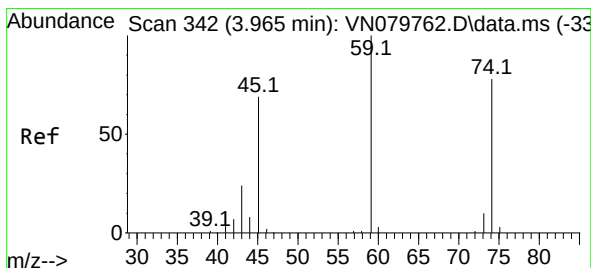
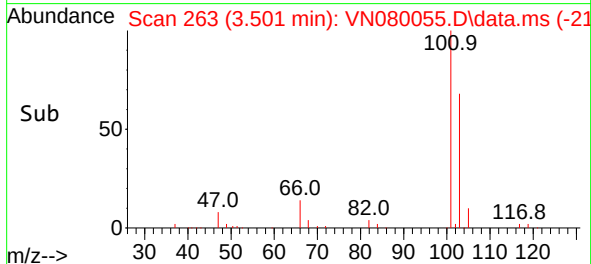
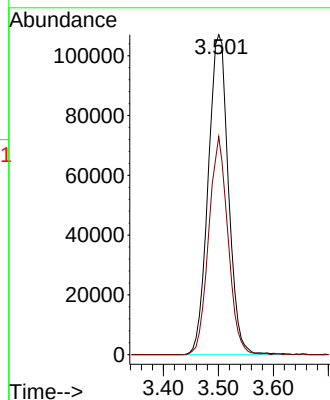
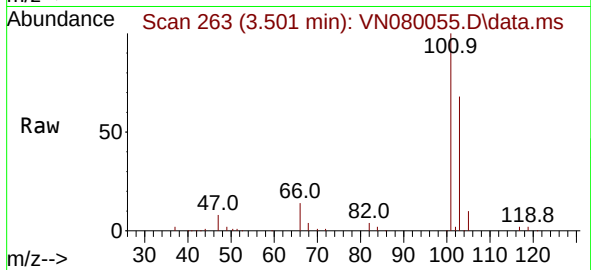




#7
 Trichlorofluoromethane
 Concen: 63.577 ug/l
 RT: 3.501 min Scan# 2
 Delta R.T. 0.006 min
 Lab File: VN080055.D
 Acq: 13 Nov 2023 10:28

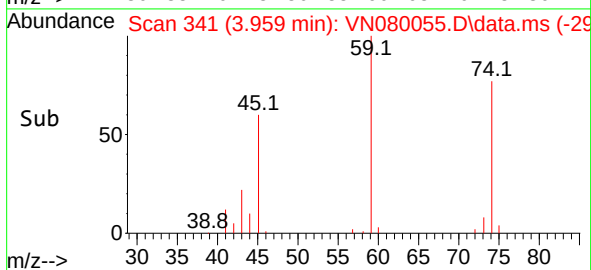
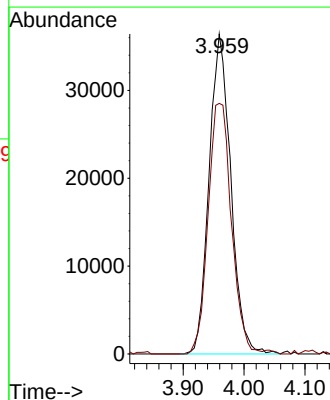
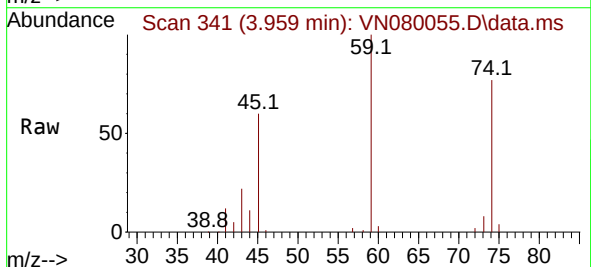
Instrument :
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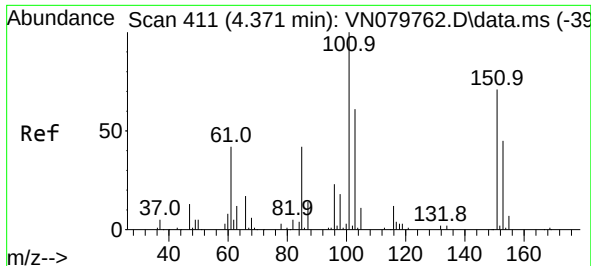
Tgt Ion:101 Resp: 273453
 Ion Ratio Lower Upper
 101 100
 103 68.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 55.252 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN080055.D
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Tgt Ion: 74 Resp: 90183
 Ion Ratio Lower Upper
 74 100
 45 84.1 34.4 103.3

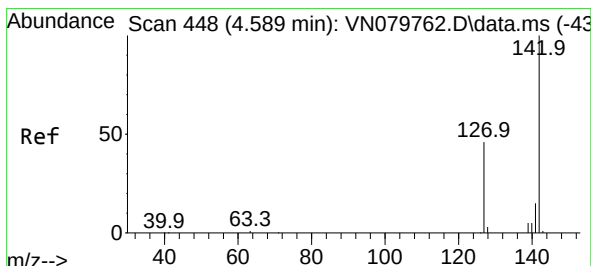
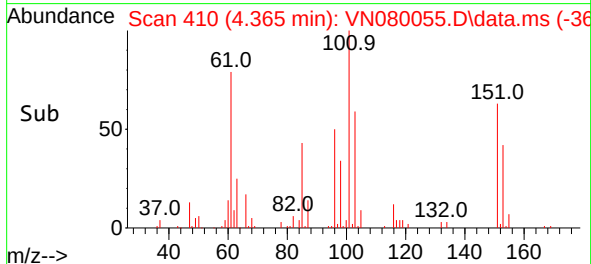
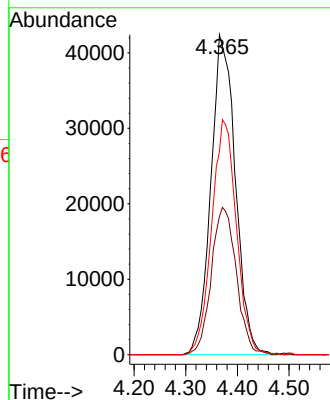
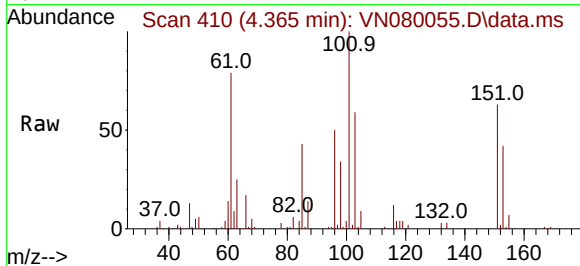




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.046 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

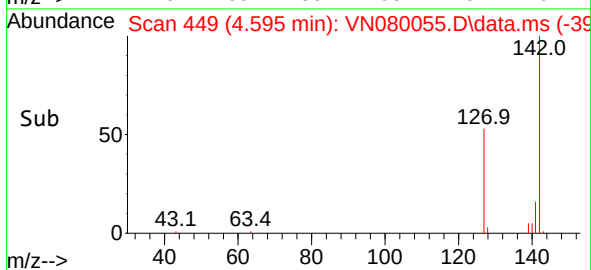
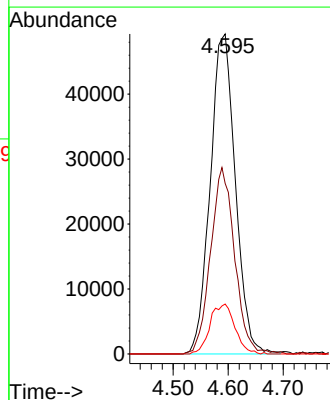
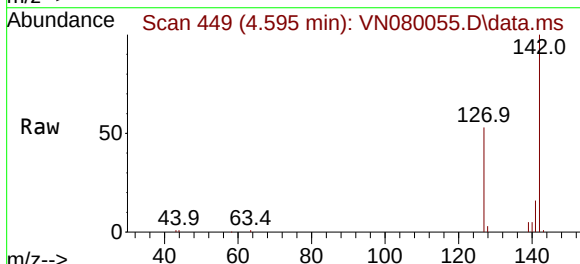
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

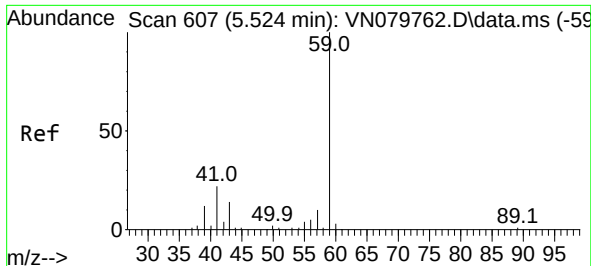
Tgt Ion:101 Resp: 139743
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 74.2 57.6 86.4



#10
Methyl Iodide
Concen: 55.007 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion:142 Resp: 156625
Ion Ratio Lower Upper
142 100
127 53.3 37.6 56.4
141 15.6 11.4 17.0

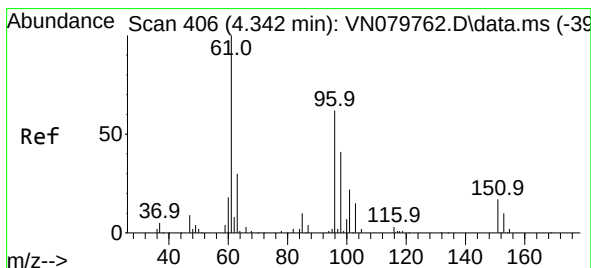
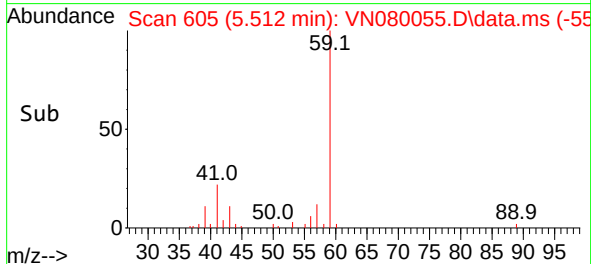
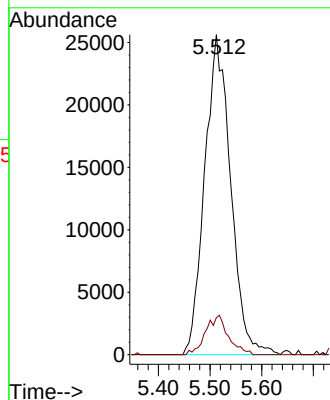
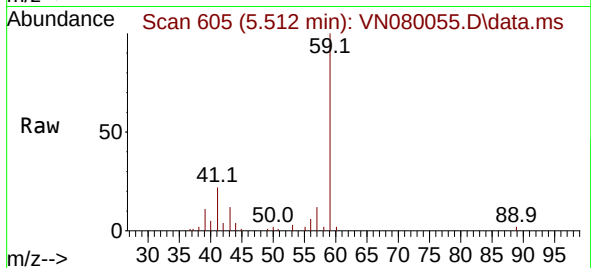




#11
Tert butyl alcohol
Concen: 209.224 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

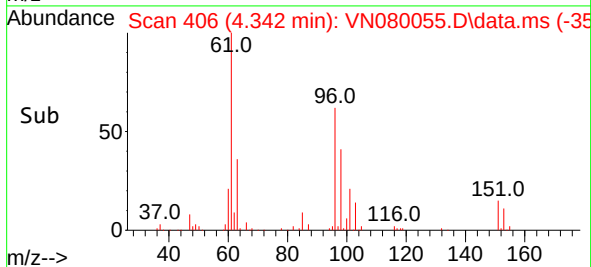
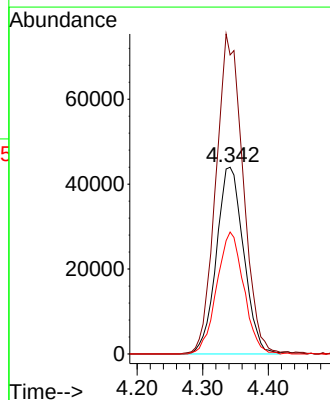
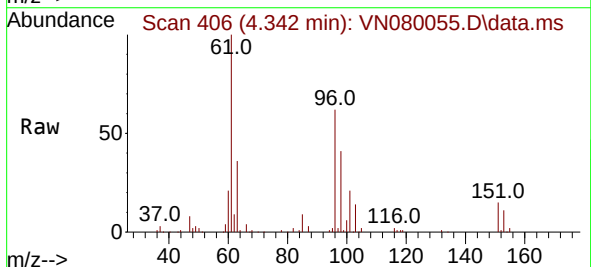
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

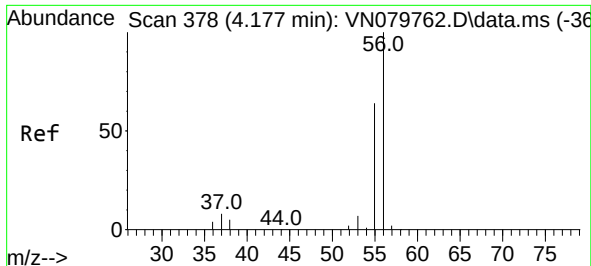
Tgt Ion: 59 Resp: 89246
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 53.773 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 96 Resp: 126948
Ion Ratio Lower Upper
96 100
61 160.1 112.7 169.1
98 65.2 51.2 76.8





#13

Acrolein

Concen: 295.399 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

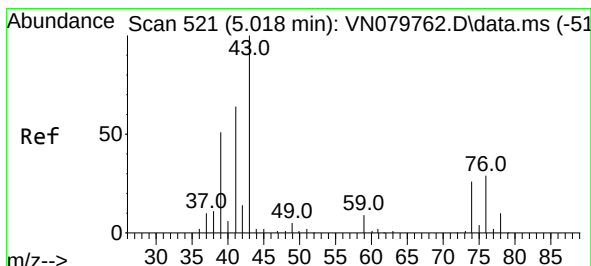
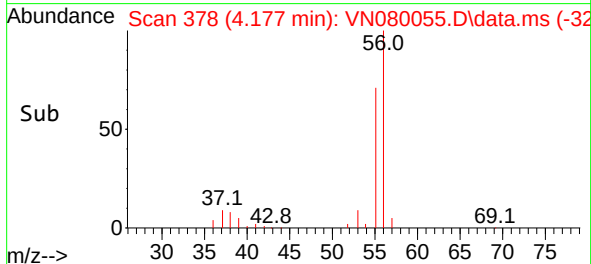
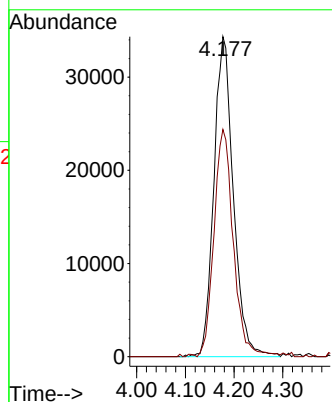
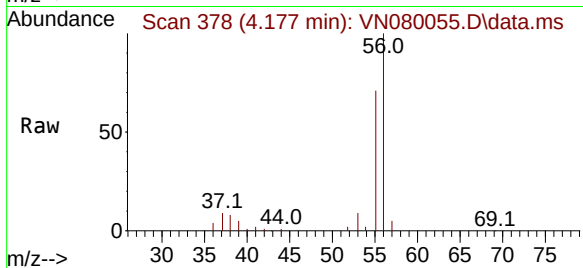
VSTDCCC050

Tgt Ion: 56 Resp: 95129

Ion Ratio Lower Upper

56 100

55 70.7 54.5 81.7



#14

Allyl chloride

Concen: 50.231 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

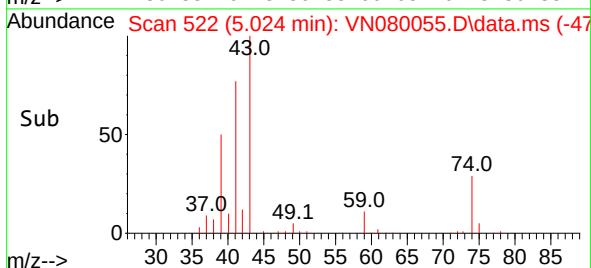
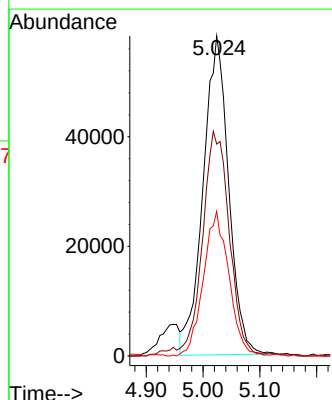
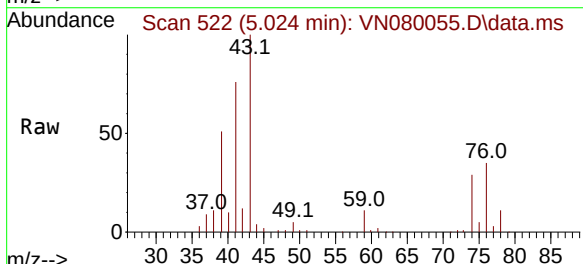
Tgt Ion: 41 Resp: 181630

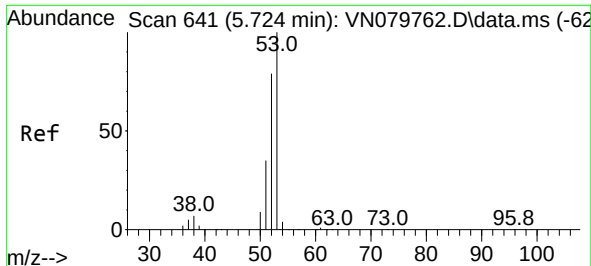
Ion Ratio Lower Upper

41 100

39 75.0 58.8 88.2

76 45.2 39.1 58.7

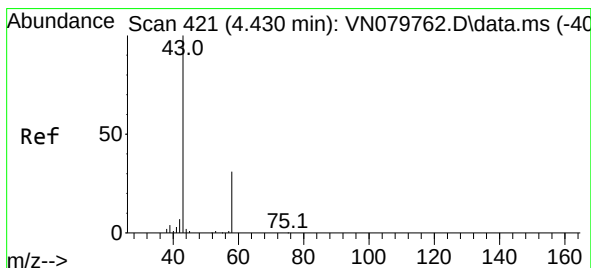
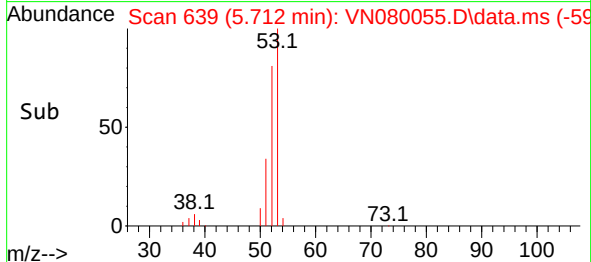
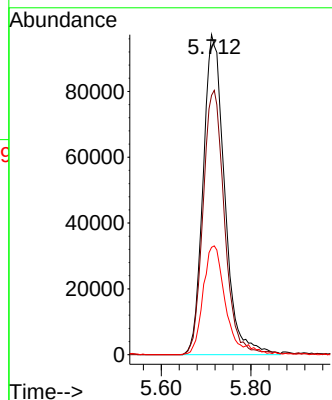
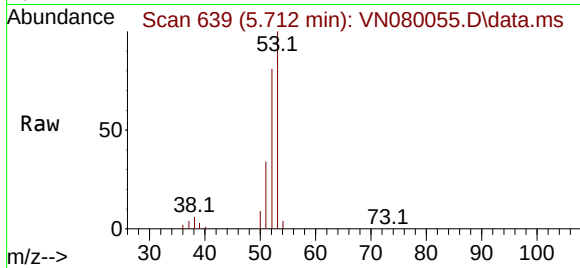




#15
Acrylonitrile
Concen: 243.805 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

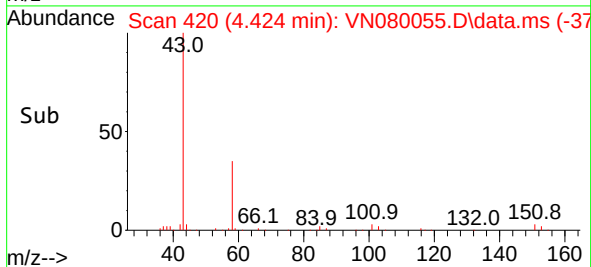
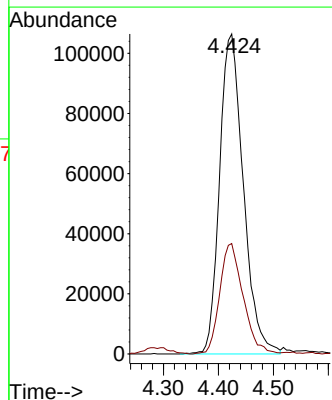
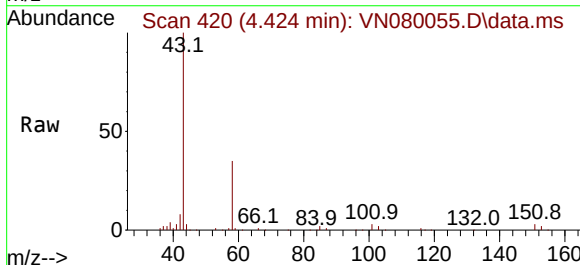
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

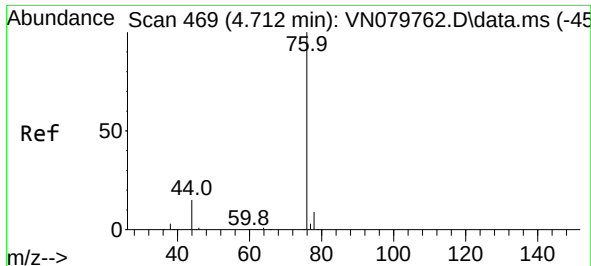
Tgt Ion: 53 Resp: 324090
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 35.7 28.9 43.3



#16
Acetone
Concen: 272.424 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 43 Resp: 319754
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0

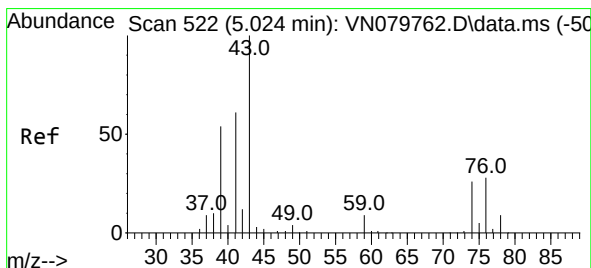
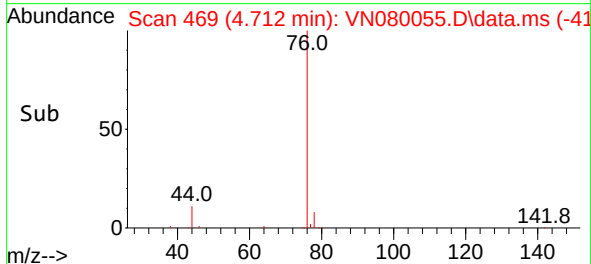
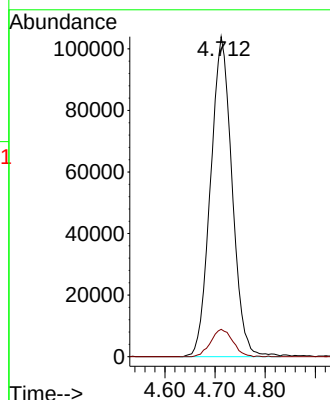
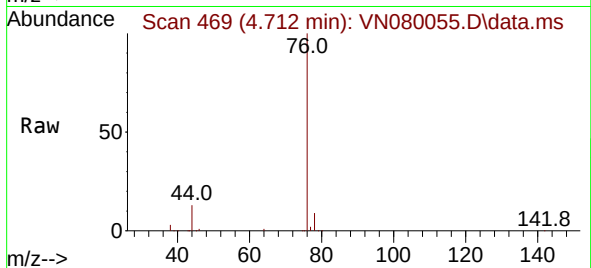




#17
Carbon Disulfide
Concen: 45.622 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

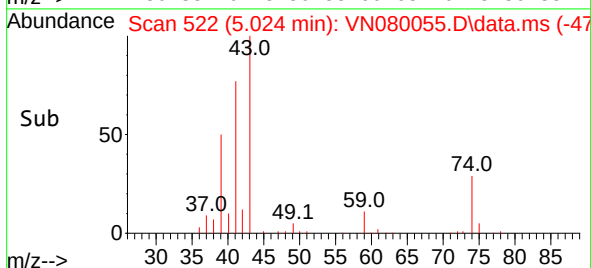
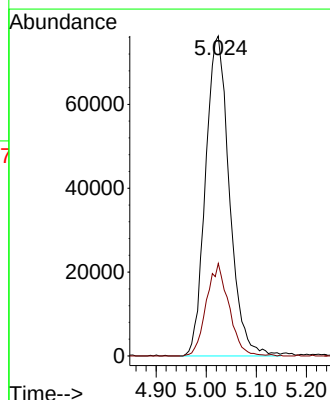
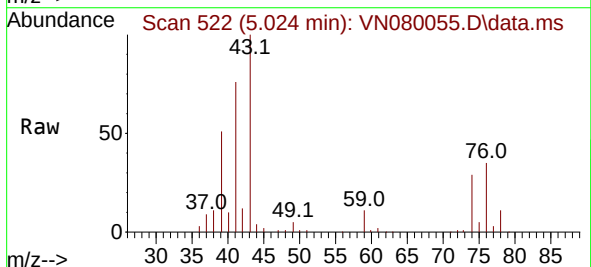
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

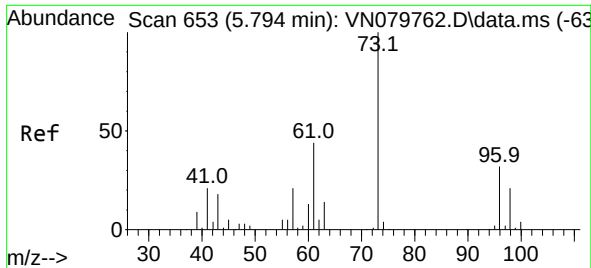
Tgt Ion: 76 Resp: 310674
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 44.943 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 43 Resp: 252377
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4

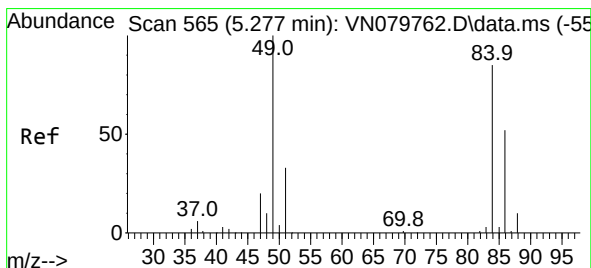
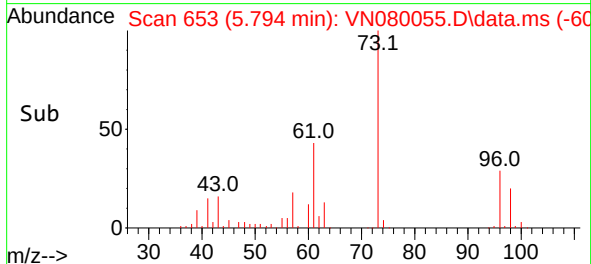
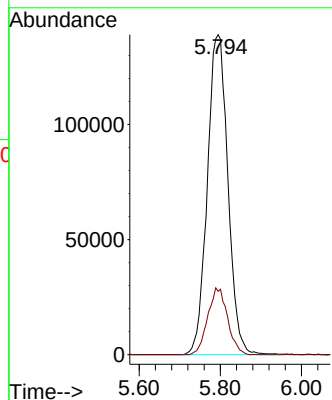
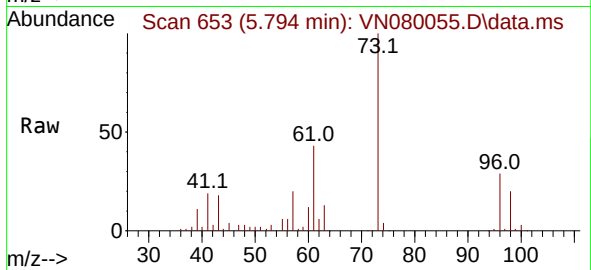




#19
Methyl tert-butyl Ether
Concen: 60.182 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

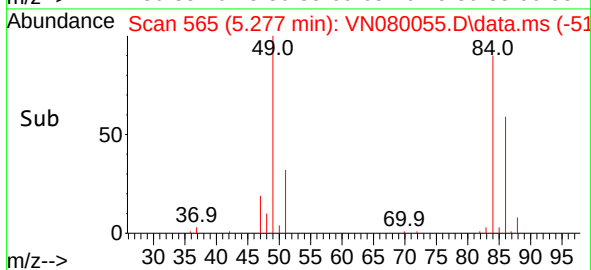
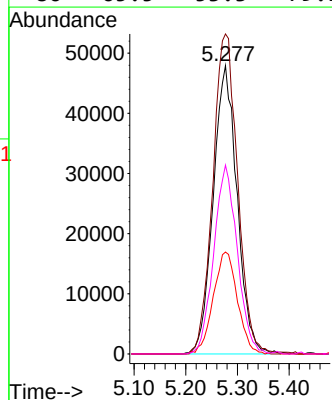
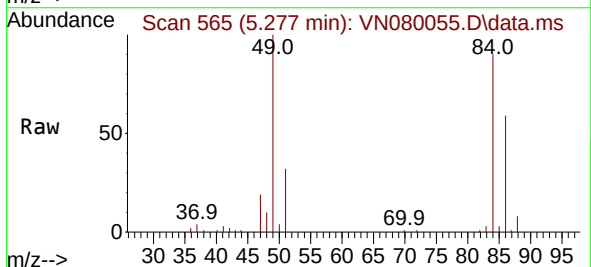
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

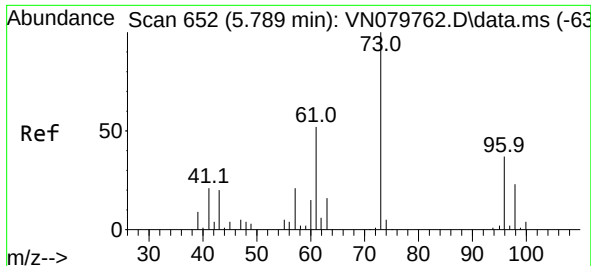
Tgt Ion: 73 Resp: 489152
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4



#20
Methylene Chloride
Concen: 51.951 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 84 Resp: 153861
Ion Ratio Lower Upper
84 100
49 111.0 79.7 119.5
51 35.4 25.2 37.8
86 65.5 53.3 79.9

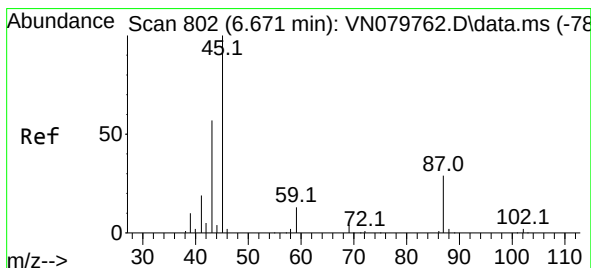
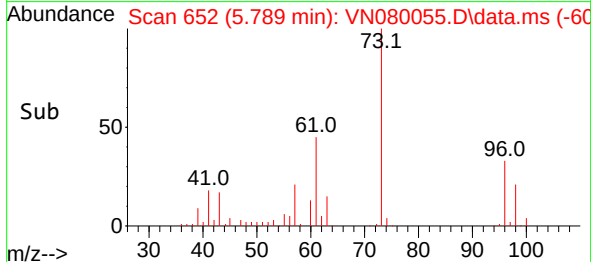
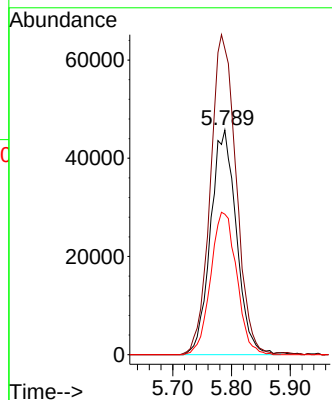
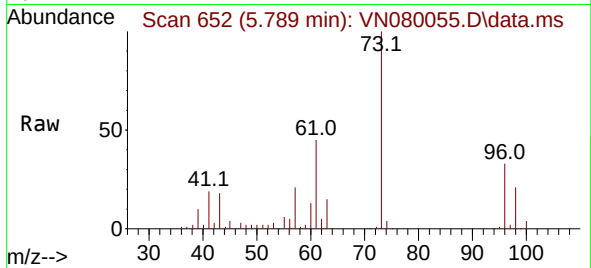




#21
trans-1,2-Dichloroethene
Concen: 53.058 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

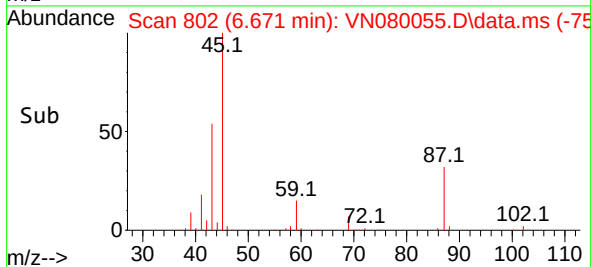
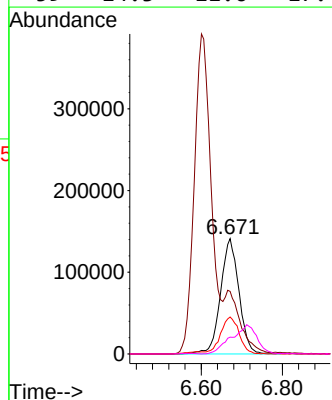
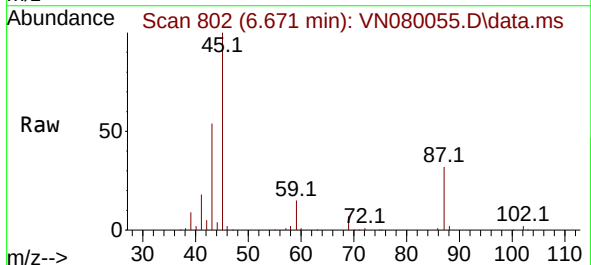
Instrument :
MSVOA_N
ClientSampleId :
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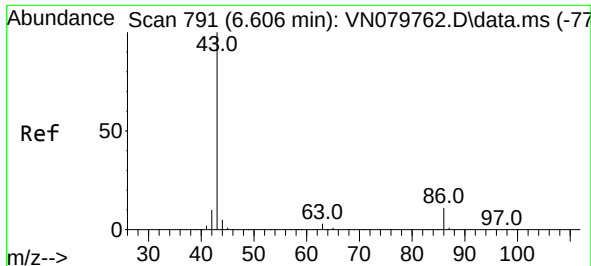
Tgt Ion: 96 Resp: 139701
Ion Ratio Lower Upper
96 100
61 136.3 90.1 135.1#
98 62.6 46.4 69.6



#22
Diisopropyl ether
Concen: 53.101 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 45 Resp: 444962
Ion Ratio Lower Upper
45 100
43 52.9 45.5 68.3
87 31.9 31.8 47.8
59 14.3 11.6 17.4

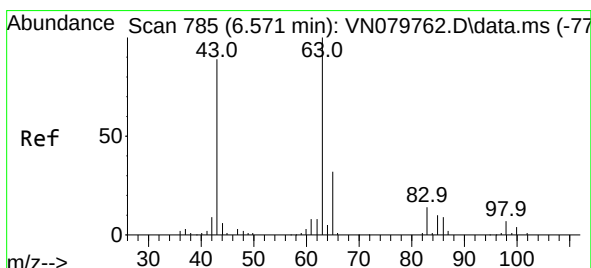
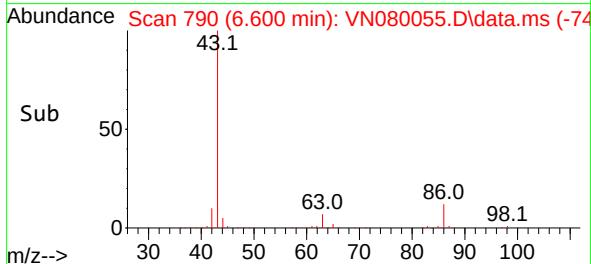
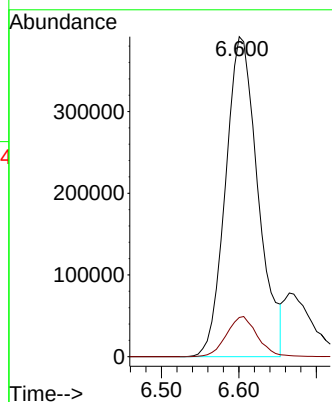
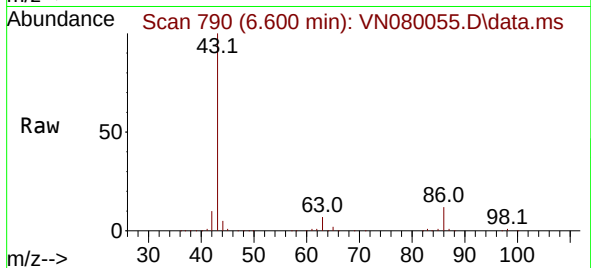




#23
 Vinyl Acetate
 Concen: 247.035 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN080055.D
 Acq: 13 Nov 2023 10:28

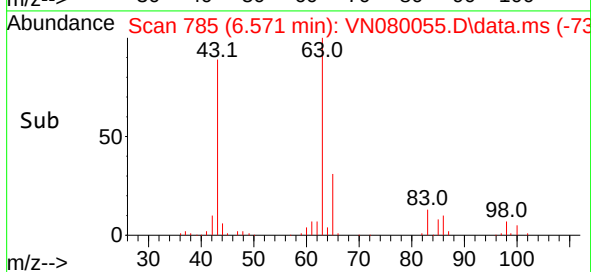
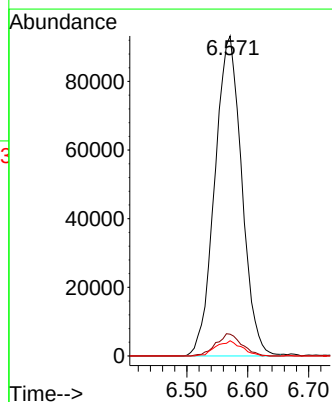
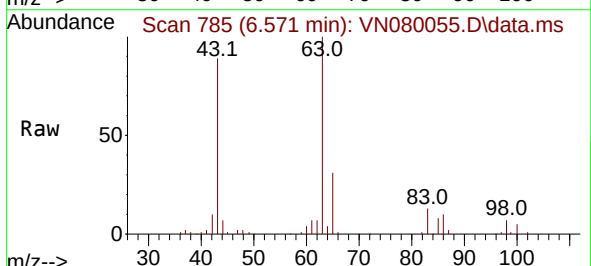
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

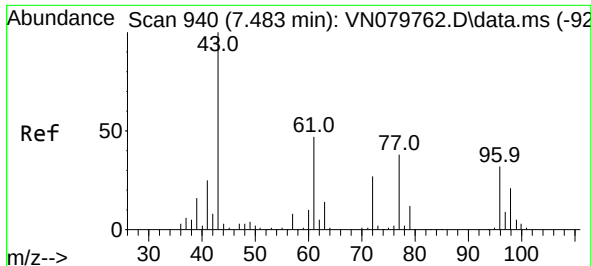
Tgt Ion: 43 Resp: 1141825
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 56.222 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080055.D
 Acq: 13 Nov 2023 10:28

Tgt Ion: 63 Resp: 286345
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.8 2.5 7.4

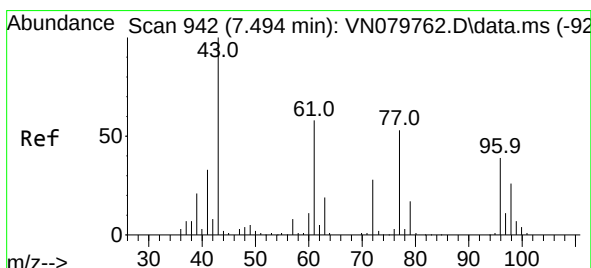
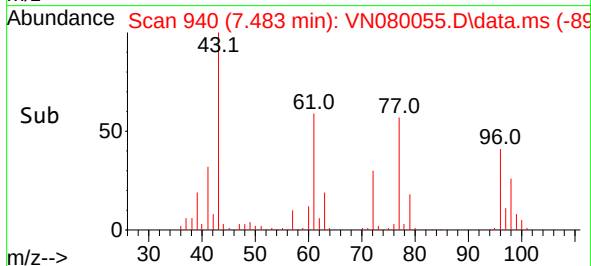
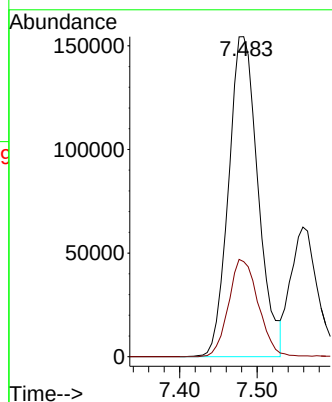
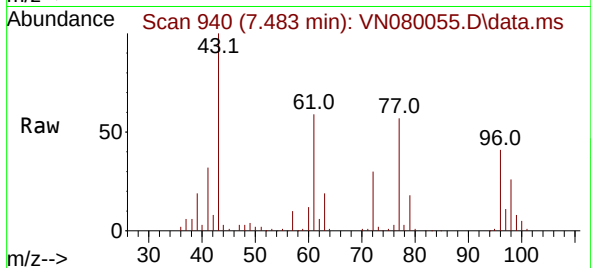




#25
2-Butanone
Concen: 237.815 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

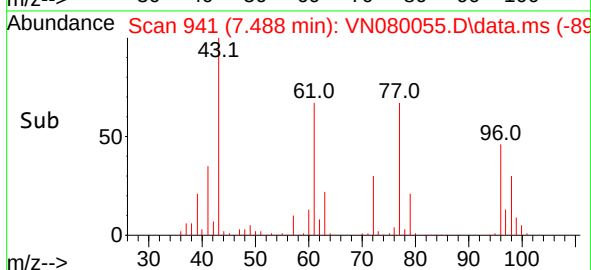
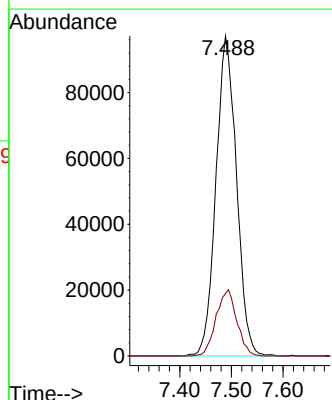
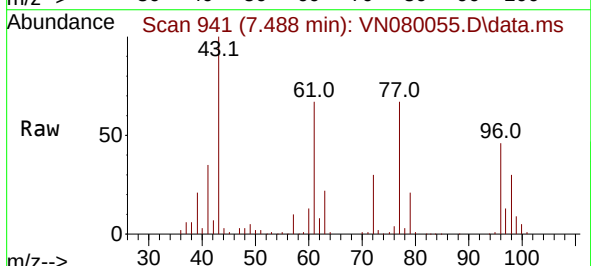
Instrument :
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ClientSampleId :
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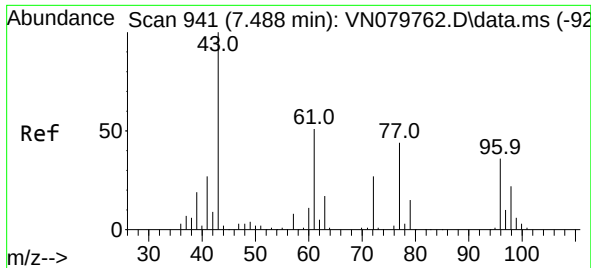
Tgt Ion: 43 Resp: 408749
Ion Ratio Lower Upper
43 100
72 29.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 63.600 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 77 Resp: 267892
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.6

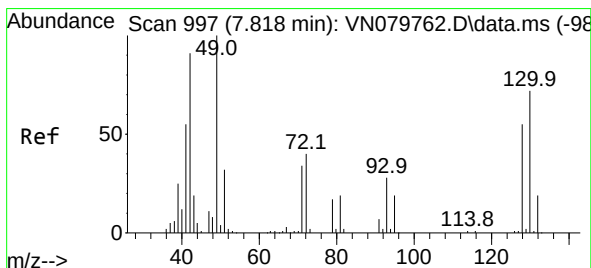
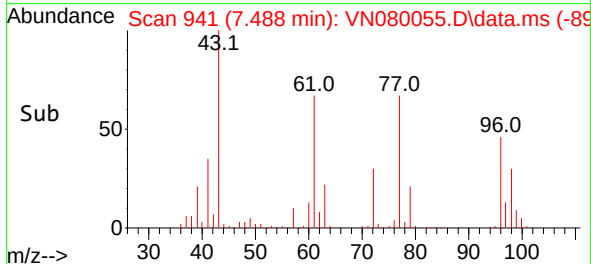
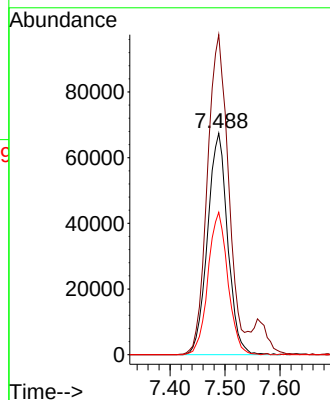
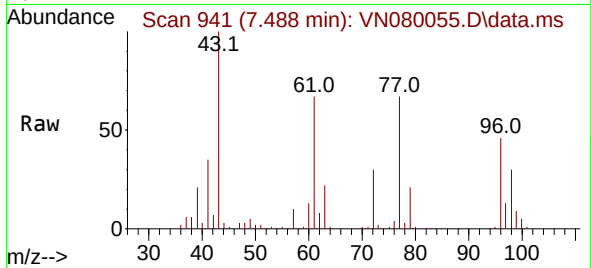




#27
 cis-1,2-Dichloroethene
 Concen: 54.460 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080055.D
 Acq: 13 Nov 2023 10:28

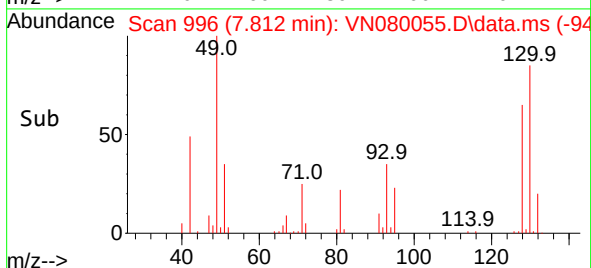
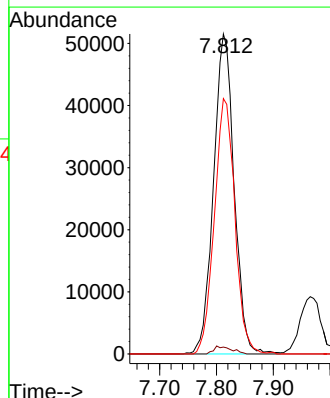
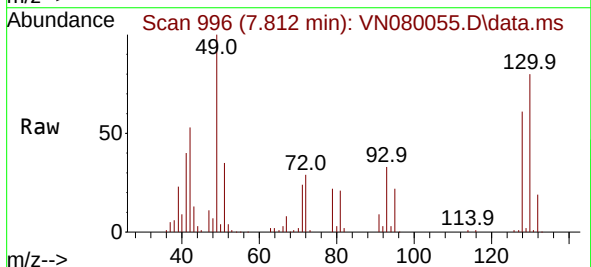
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

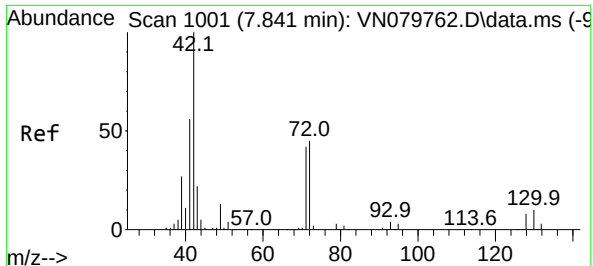
Tgt Ion: 96 Resp: 171521
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 255.2
 98 63.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.271 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080055.D
 Acq: 13 Nov 2023 10:28

Tgt Ion: 49 Resp: 129740
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 79.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 216.899 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

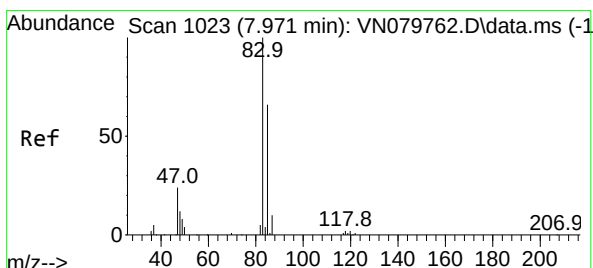
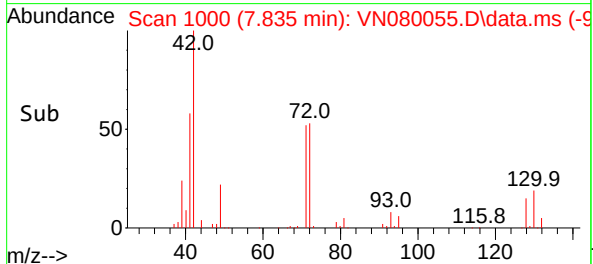
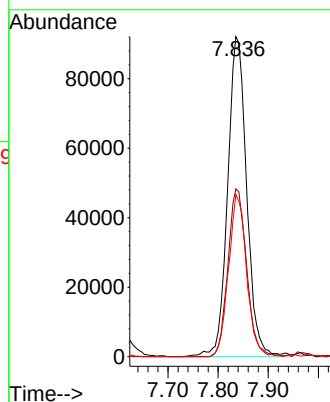
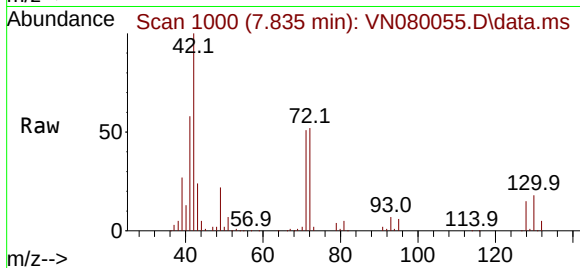
Tgt Ion: 42 Resp: 242548

Ion Ratio Lower Upper

42 100

72 51.5 49.8 74.6

71 48.3 47.4 71.2



#30

Chloroform

Concen: 57.036 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080055.D

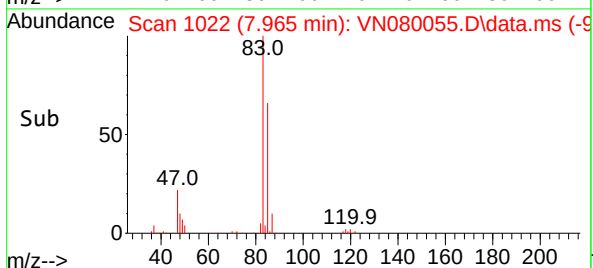
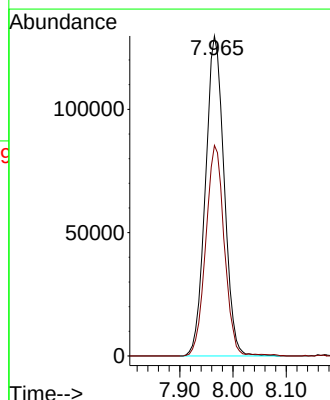
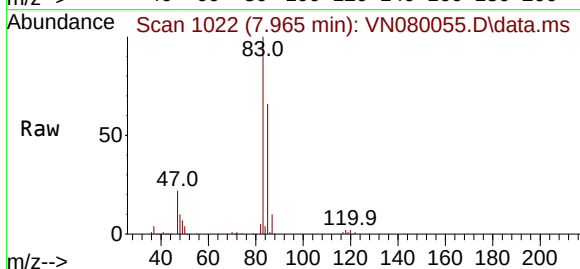
Acq: 13 Nov 2023 10:28

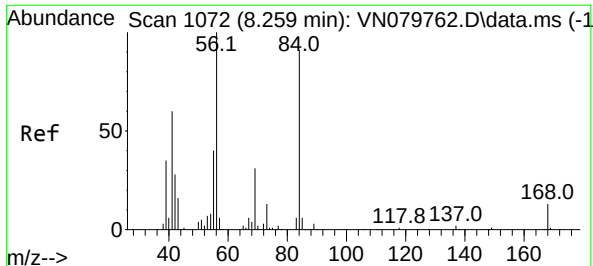
Tgt Ion: 83 Resp: 315539

Ion Ratio Lower Upper

83 100

85 65.8 55.4 83.0

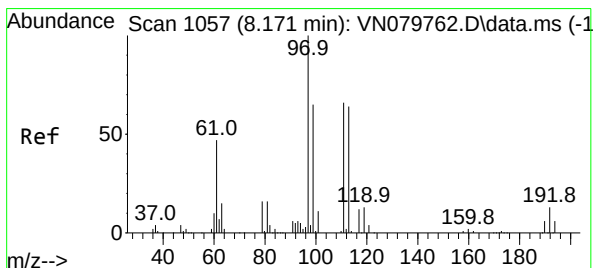
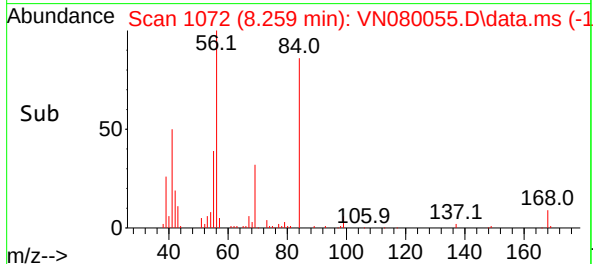
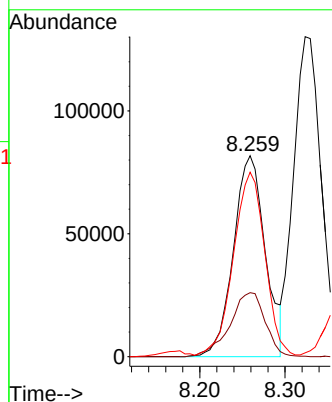
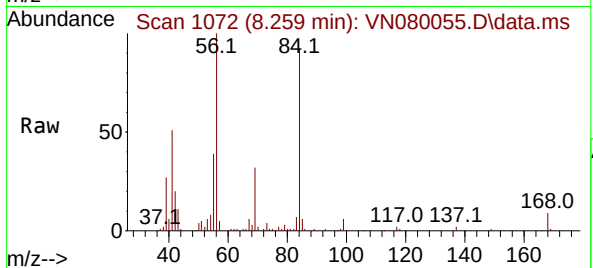




#31
Cyclohexane
Concen: 48.122 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

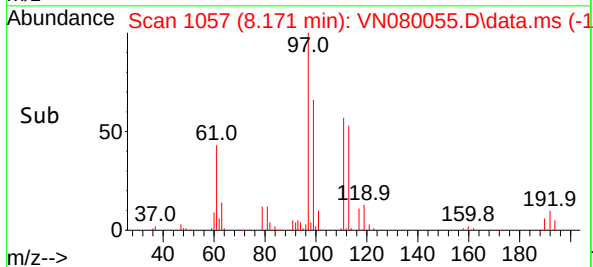
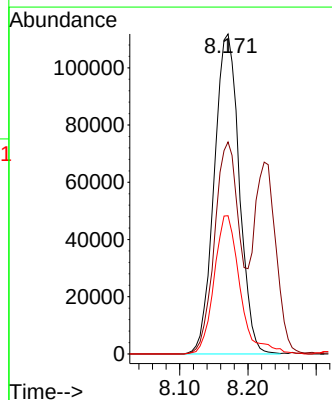
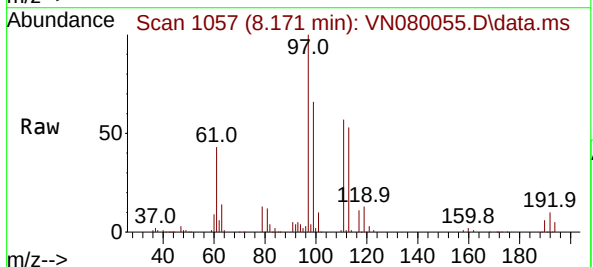
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

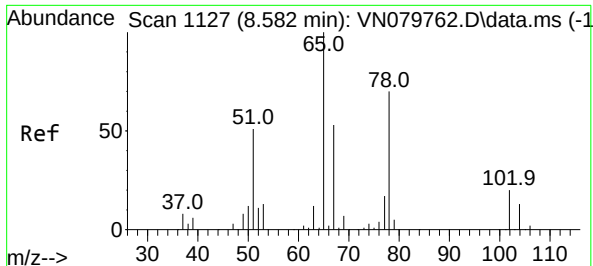
Tgt Ion: 56 Resp: 212481
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 88.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 63.511 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 97 Resp: 286288
Ion Ratio Lower Upper
97 100
99 67.3 50.3 75.5
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.284 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

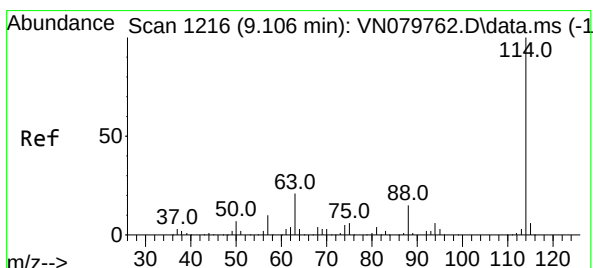
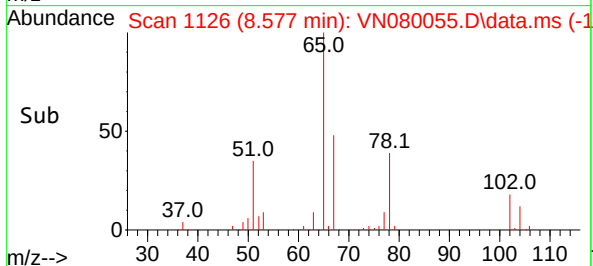
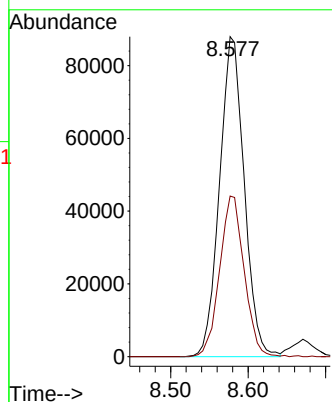
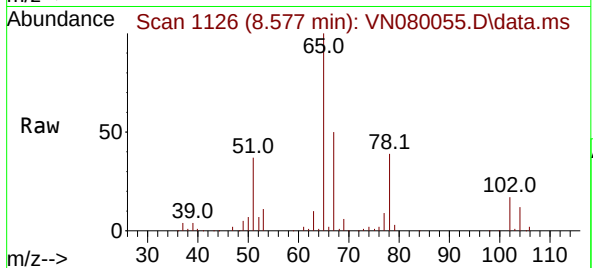
VSTDCCC050

Tgt Ion: 65 Resp: 194755

Ion Ratio Lower Upper

65 100

67 49.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

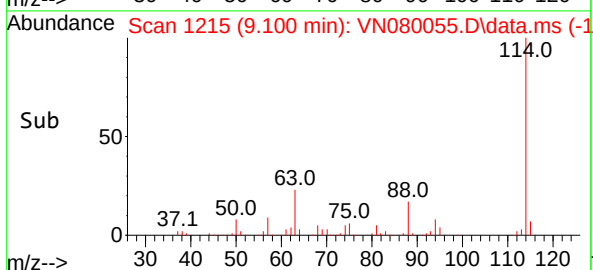
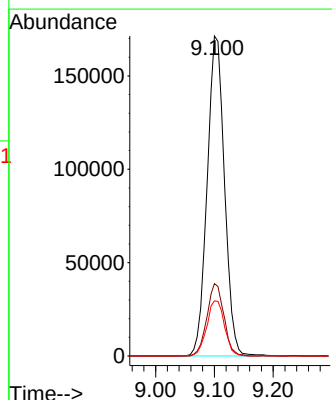
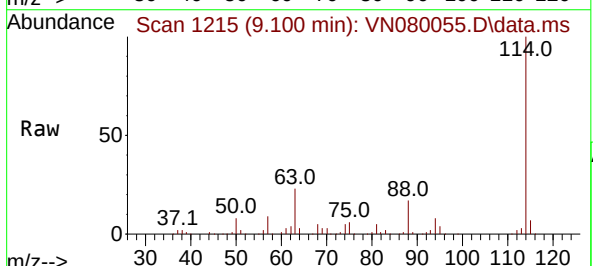
Tgt Ion: 114 Resp: 350740

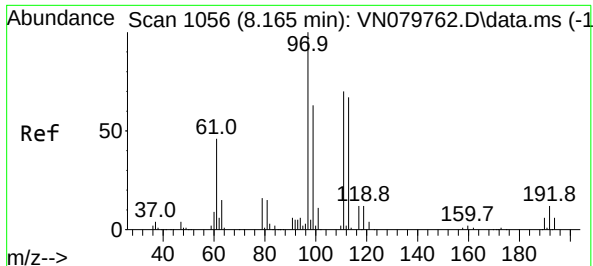
Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 17.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 60.287 ug/l

RT: 8.165 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

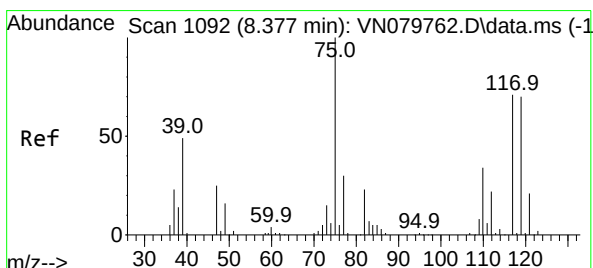
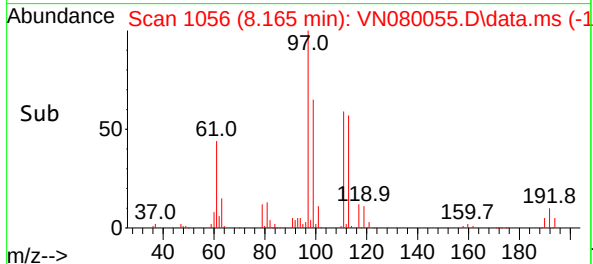
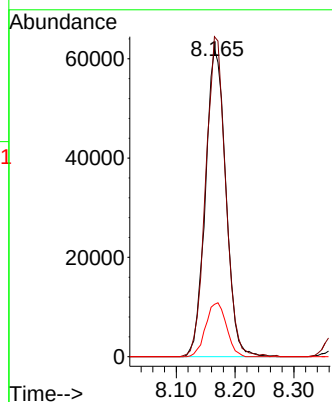
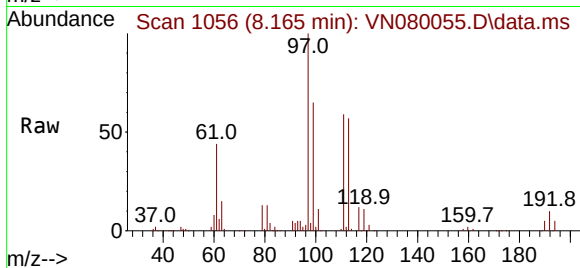
Tgt Ion:113 Resp: 149655

Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

192 17.7 12.7 19.1



#36

1,1-Dichloropropene

Concen: 61.205 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

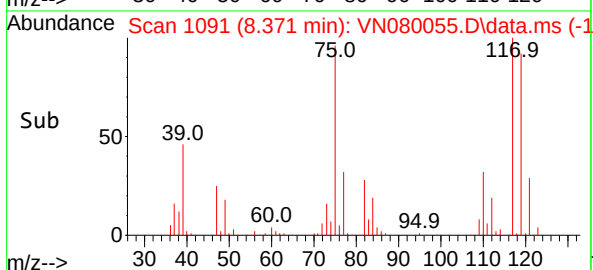
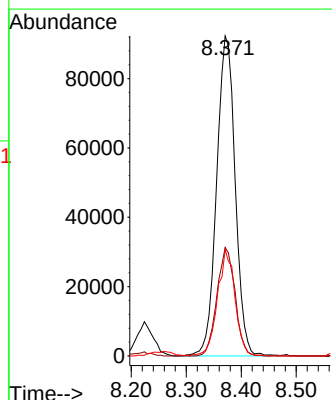
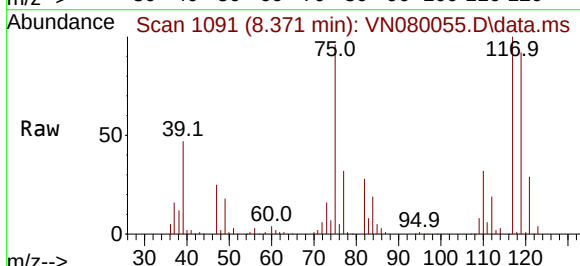
Tgt Ion: 75 Resp: 216936

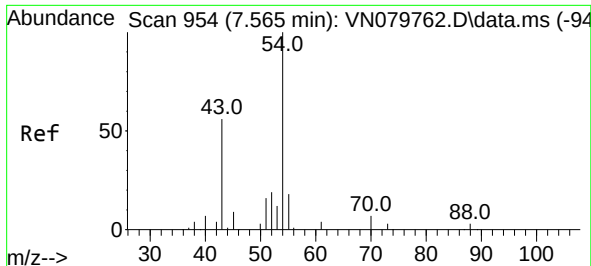
Ion Ratio Lower Upper

75 100

110 33.1 19.1 57.3

77 31.4 25.0 37.4

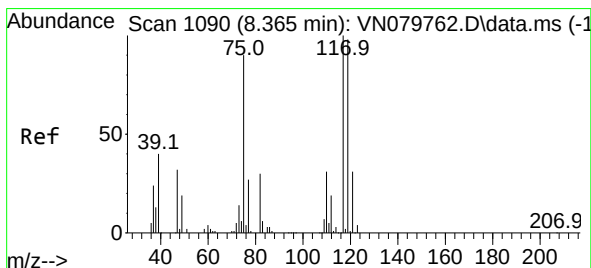
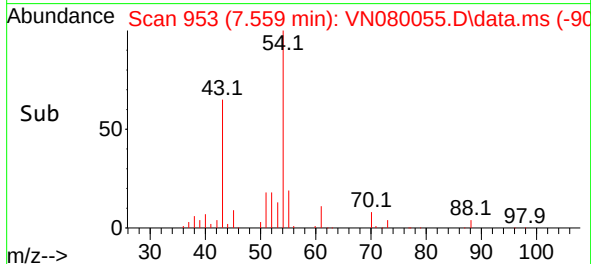
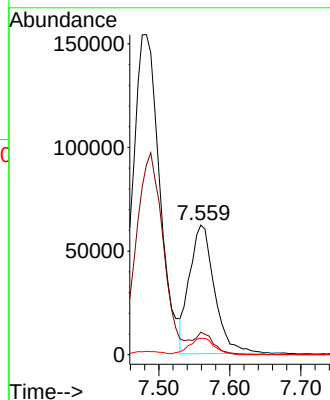
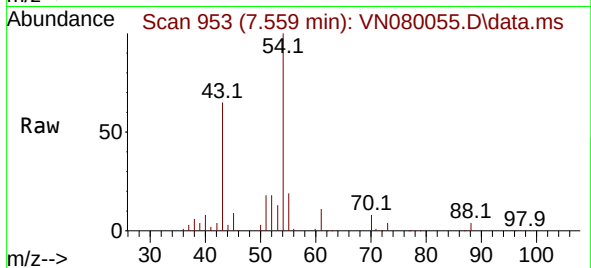




#37
Ethyl Acetate
Concen: 46.665 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

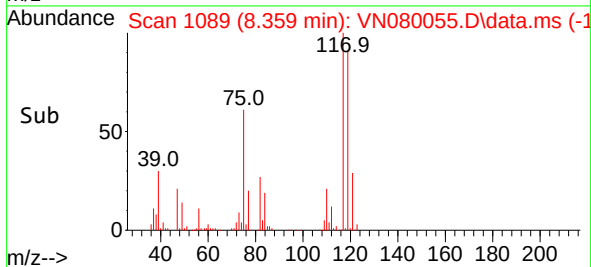
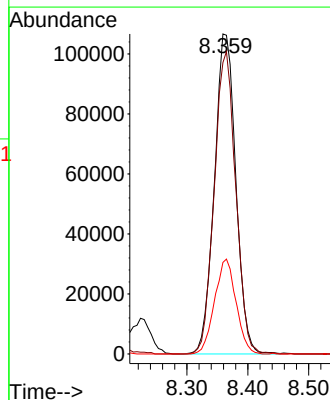
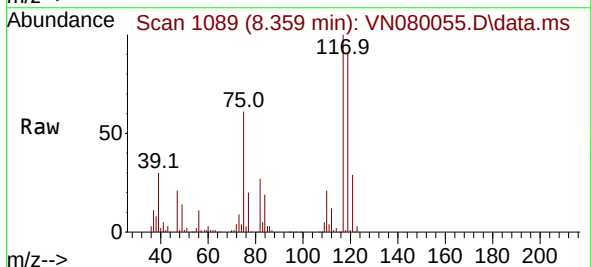
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

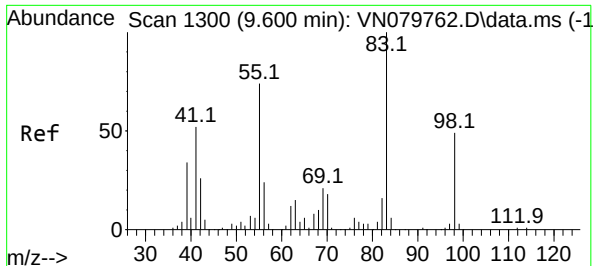
Tgt Ion: 43 Resp: 151694
Ion Ratio Lower Upper
43 100
61 12.3 13.2 19.8#
70 13.0 11.3 16.9



#38
Carbon Tetrachloride
Concen: 73.067 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 117 Resp: 261008
Ion Ratio Lower Upper
117 100
119 91.1 77.3 115.9
121 28.6 23.3 34.9





#39

Methylcyclohexane

Concen: 58.844 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

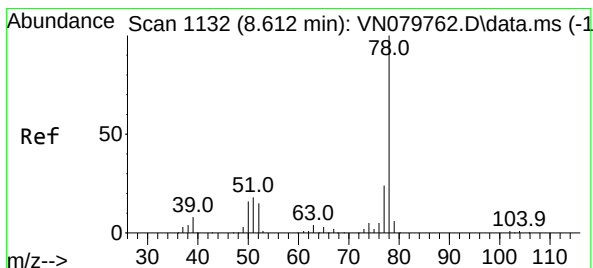
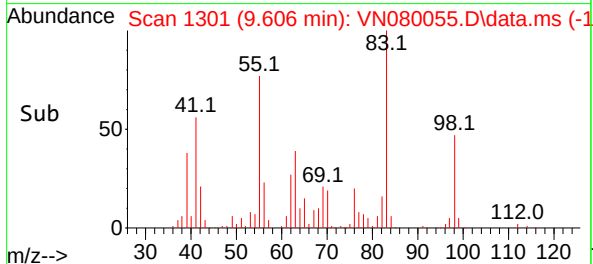
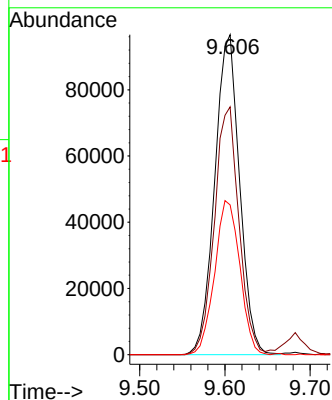
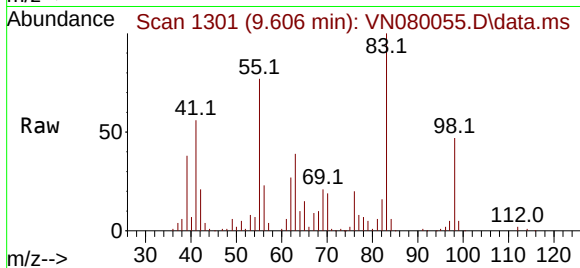
Tgt Ion: 83 Resp: 196283

Ion Ratio Lower Upper

83 100

55 77.4 49.1 73.7#

98 46.8 40.6 61.0



#40

Benzene

Concen: 58.386 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN080055.D

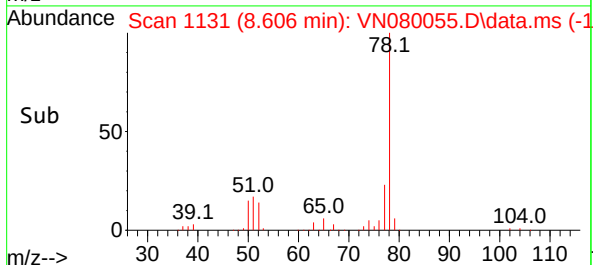
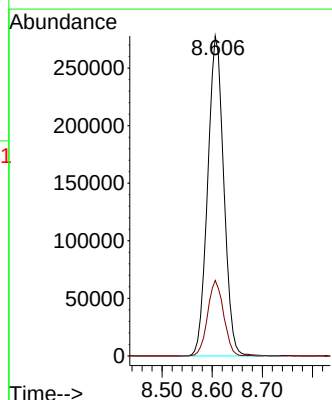
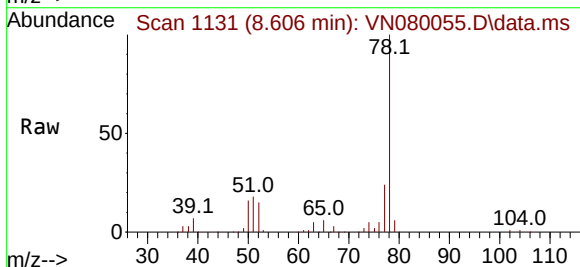
Acq: 13 Nov 2023 10:28

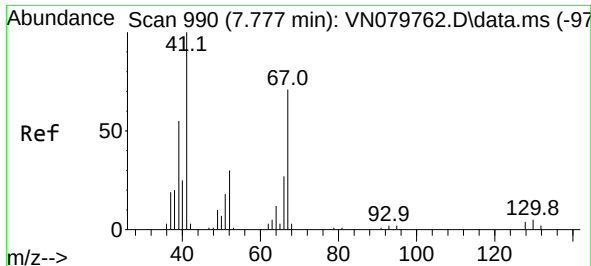
Tgt Ion: 78 Resp: 619836

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

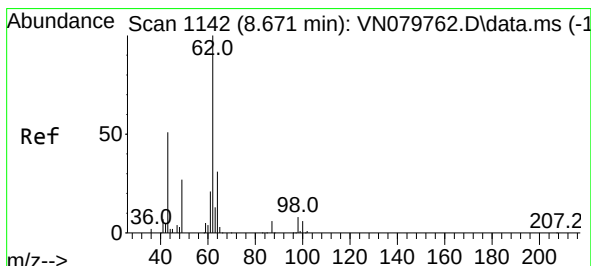
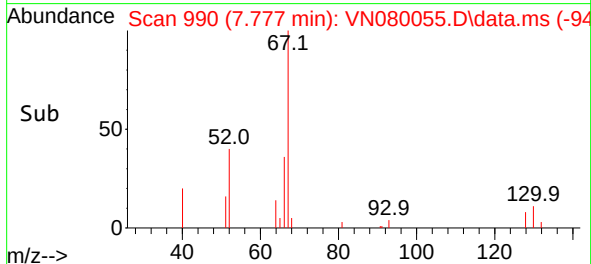
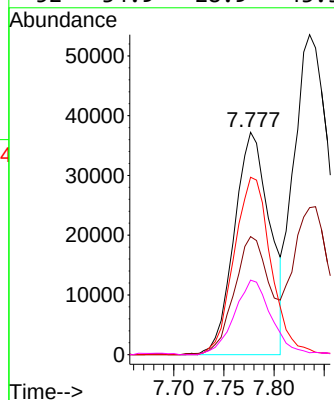
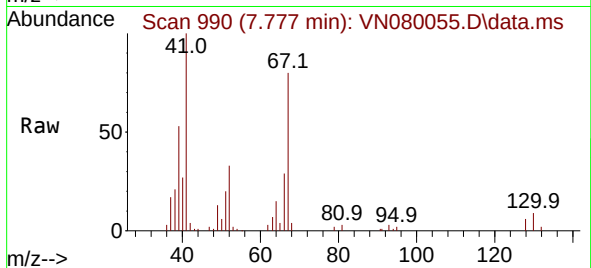




#41
Methacrylonitrile
Concen: 53.434 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

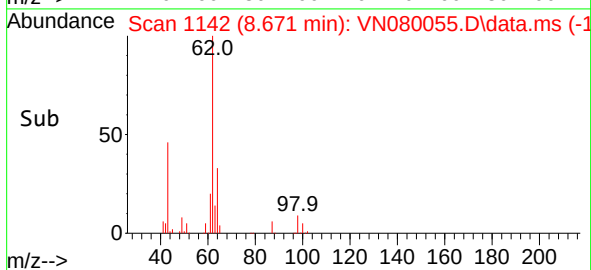
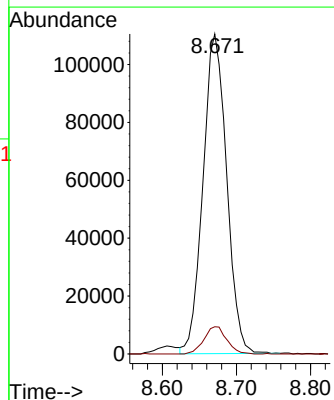
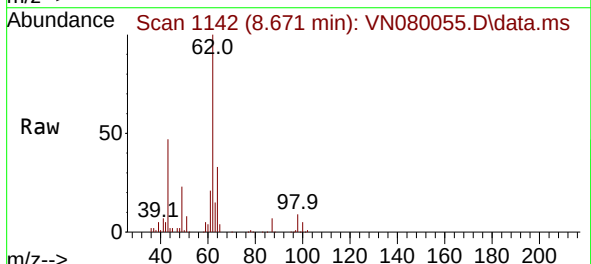
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

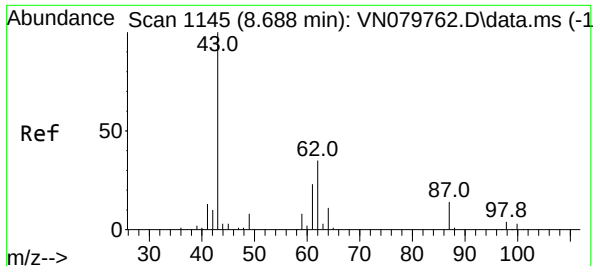
Tgt Ion:	41	Resp:	92236
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.6	64.0
67	82.6	77.5	116.3
52	34.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 65.985 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion:	62	Resp:	244692
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	19.8

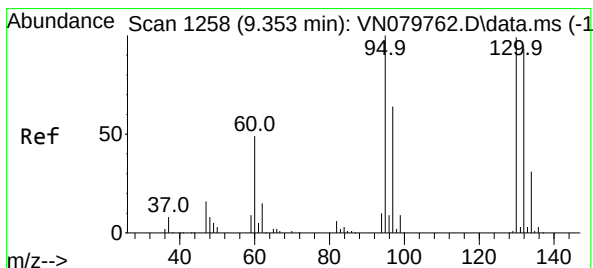
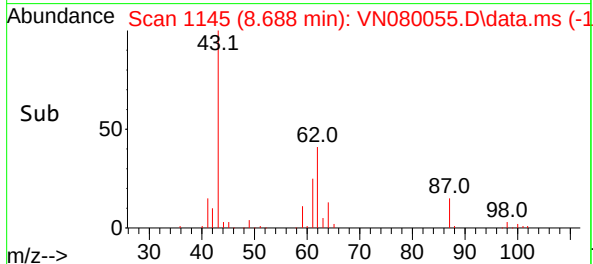
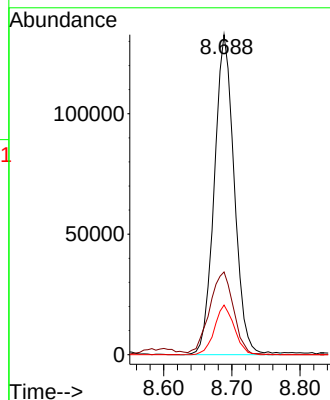
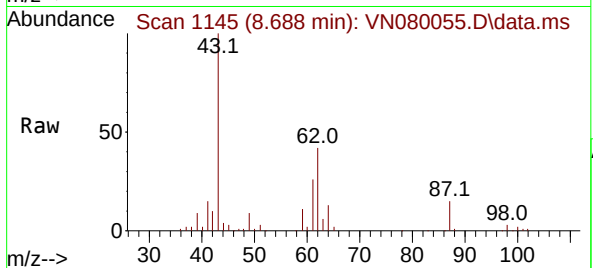




#43
Isopropyl Acetate
Concen: 47.460 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

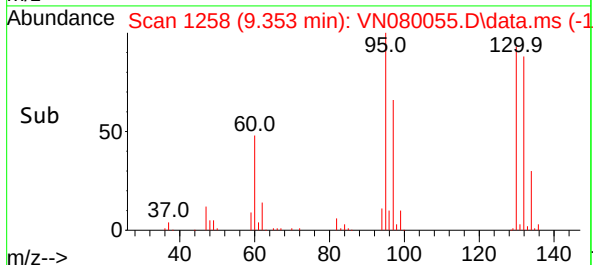
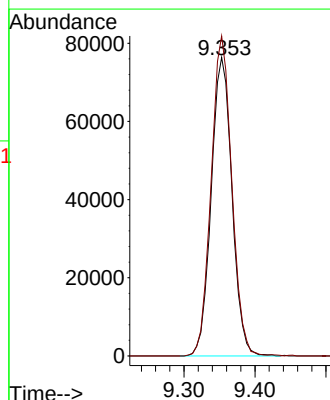
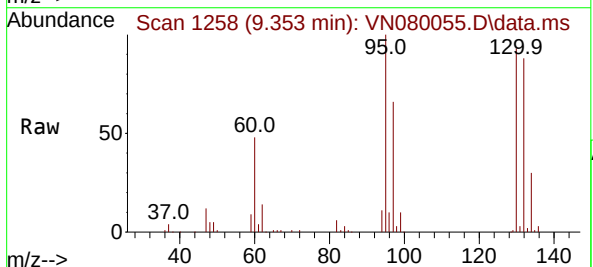
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

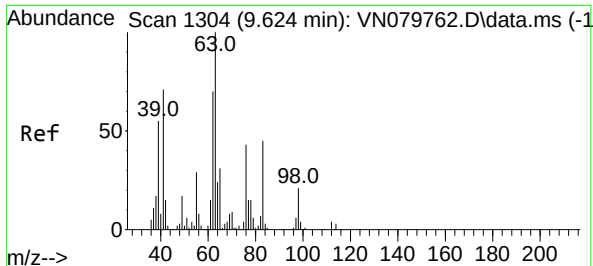
Tgt Ion: 43 Resp: 270554
Ion Ratio Lower Upper
43 100
61 31.1 24.7 37.1
87 15.3 14.6 21.8



#44
Trichloroethene
Concen: 58.744 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion:130 Resp: 154750
Ion Ratio Lower Upper
130 100
95 107.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 59.463 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

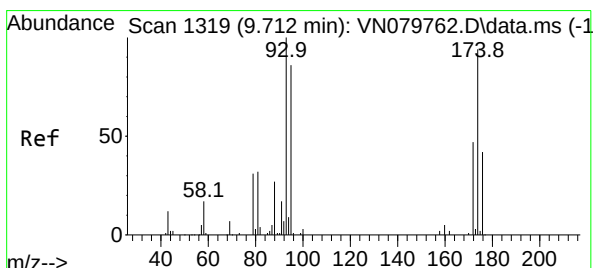
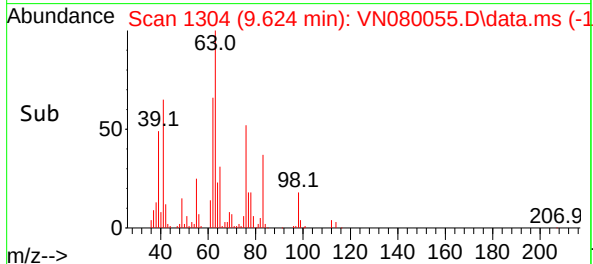
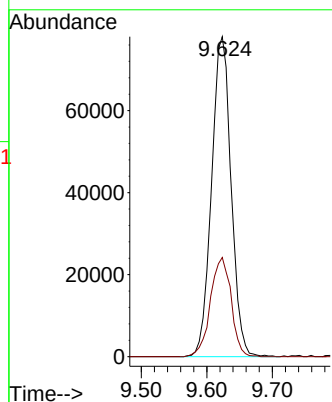
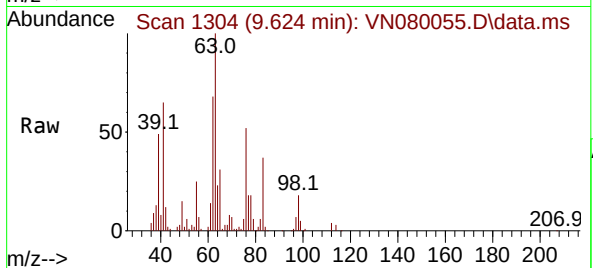
VSTDCCC050

Tgt Ion: 63 Resp: 161323

Ion Ratio Lower Upper

63 100

65 31.0 23.9 35.9



#46

Dibromomethane

Concen: 59.426 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

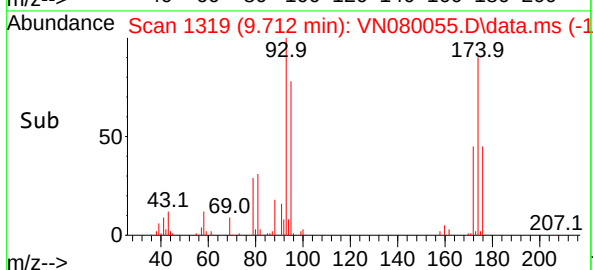
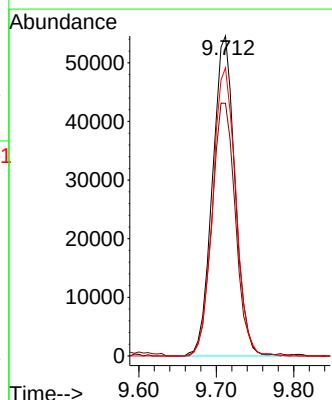
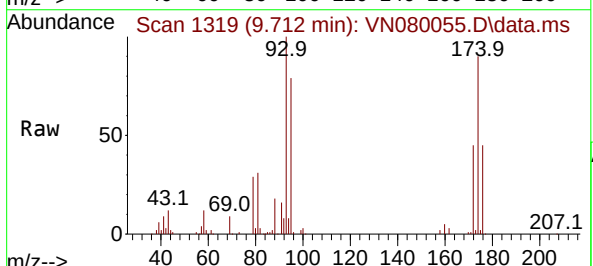
Tgt Ion: 93 Resp: 110085

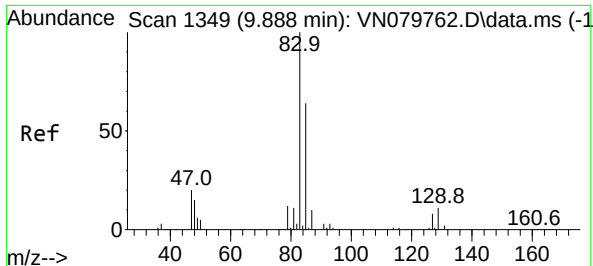
Ion Ratio Lower Upper

93 100

95 82.5 63.8 95.8

174 91.8 65.6 98.4





#47

Bromodichloromethane

Concen: 63.478 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

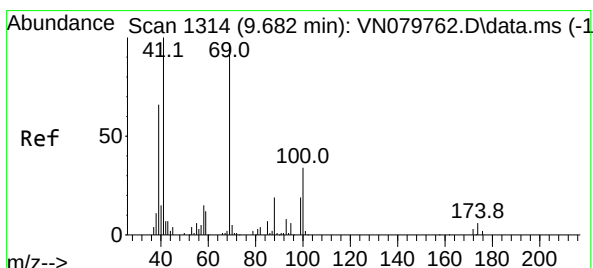
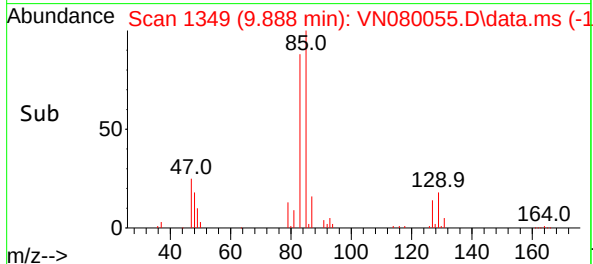
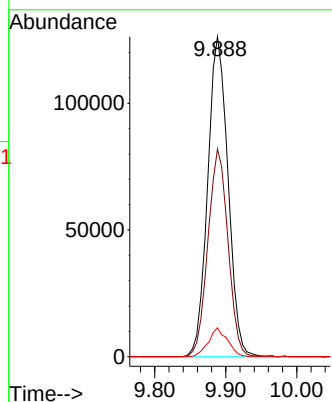
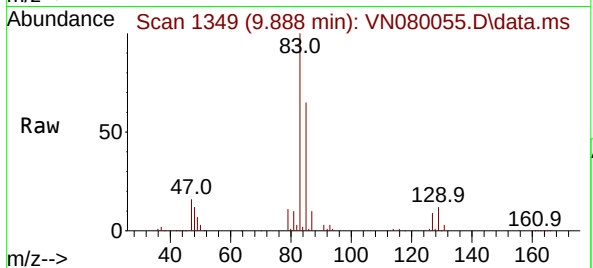
Tgt Ion: 83 Resp: 250786

Ion Ratio Lower Upper

83 100

85 64.9 49.6 74.4

127 9.0 7.0 10.6



#48

Methyl methacrylate

Concen: 53.097 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

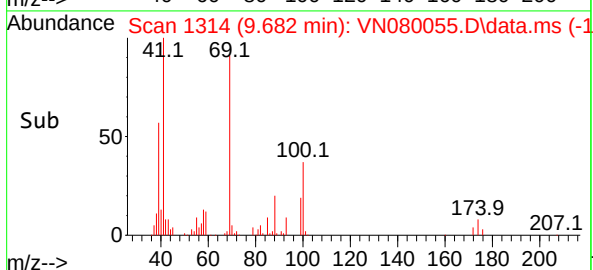
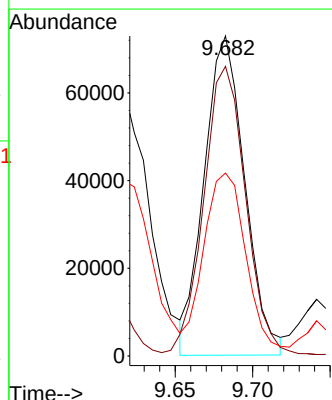
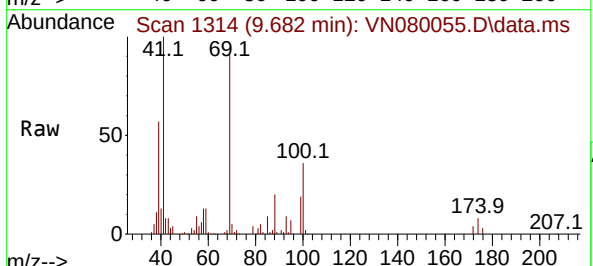
Tgt Ion: 41 Resp: 132583

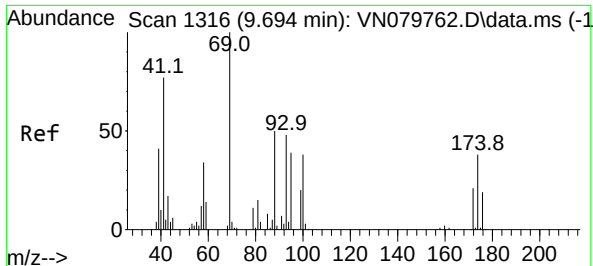
Ion Ratio Lower Upper

41 100

69 94.7 90.4 135.6

39 61.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1048.584 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

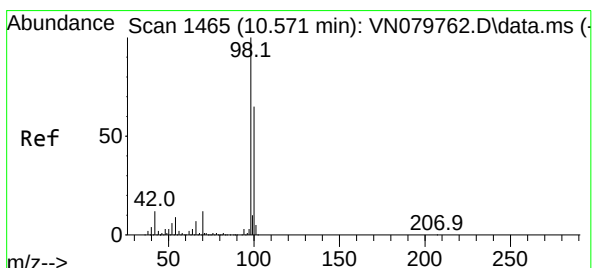
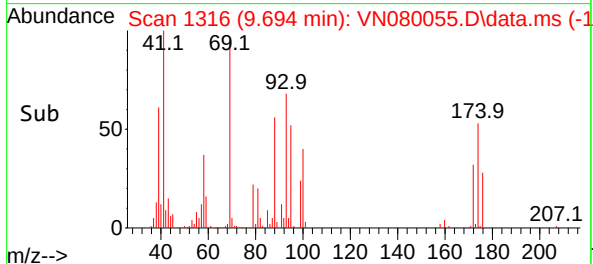
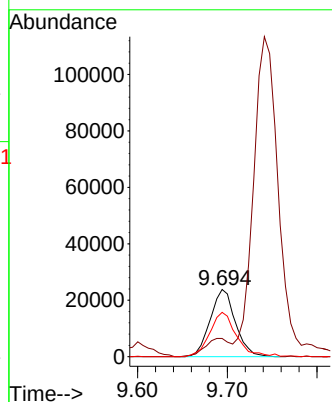
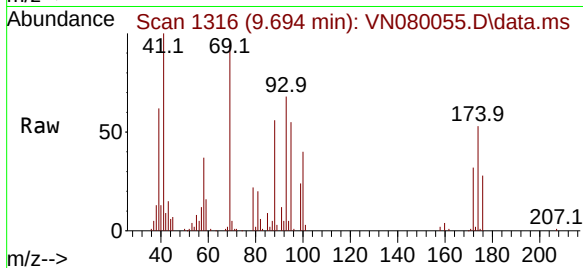
Tgt Ion: 88 Resp: 46265

Ion Ratio Lower Upper

88 100

43 27.7 17.0 25.6#

58 70.4 47.0 70.4



#50

Toluene-d8

Concen: 59.050 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080055.D

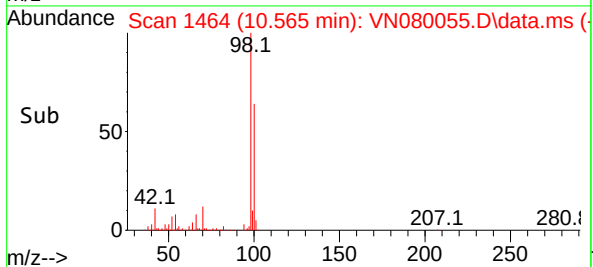
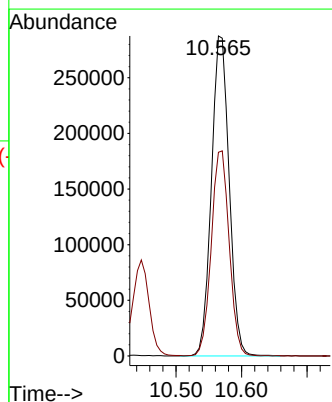
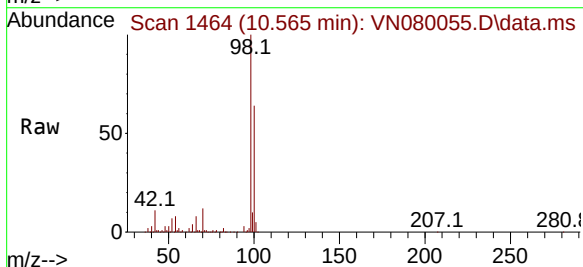
Acq: 13 Nov 2023 10:28

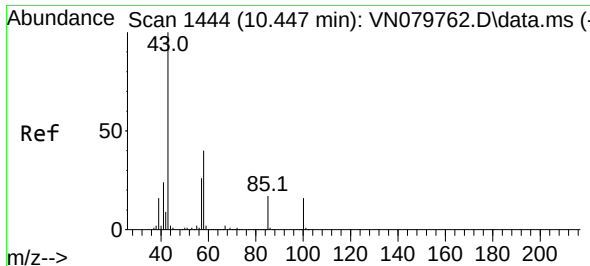
Tgt Ion: 98 Resp: 539635

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

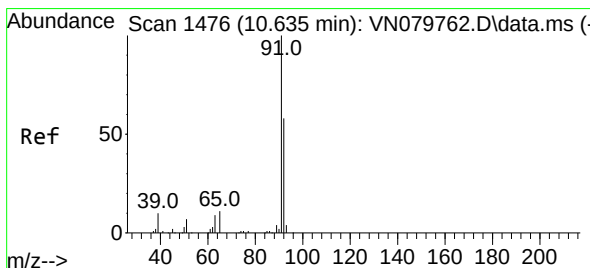
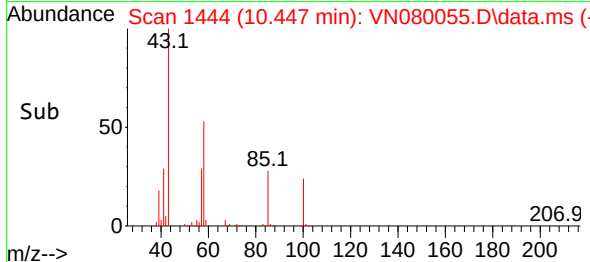
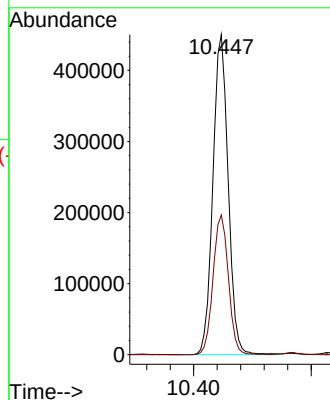
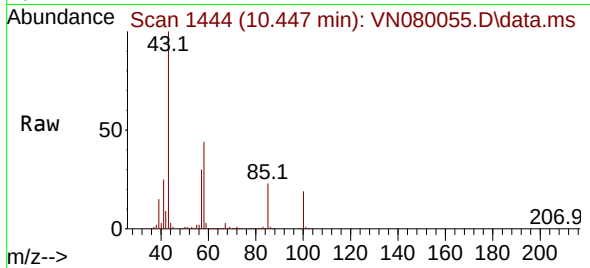




#51
4-Methyl-2-Pentanone
Concen: 252.997 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

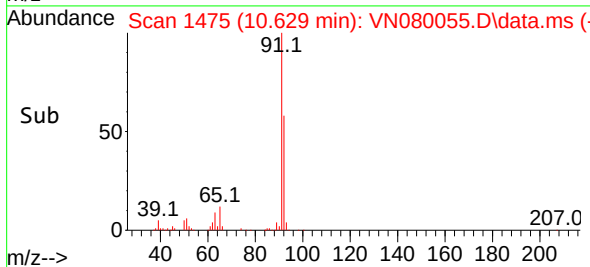
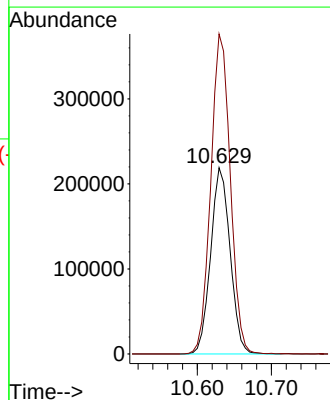
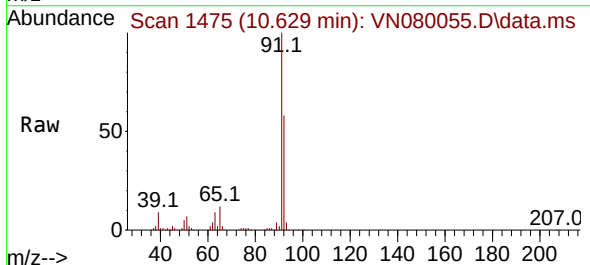
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

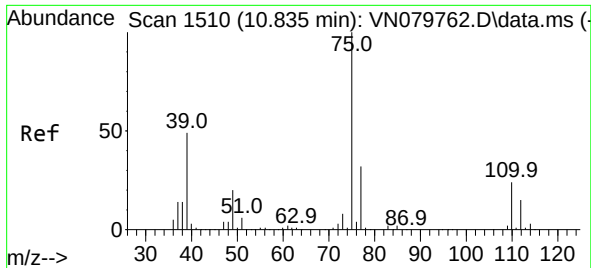
Tgt Ion: 43 Resp: 811980
Ion Ratio Lower Upper
43 100
58 43.9 36.6 54.8



#52
Toluene
Concen: 63.404 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 92 Resp: 399046
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0

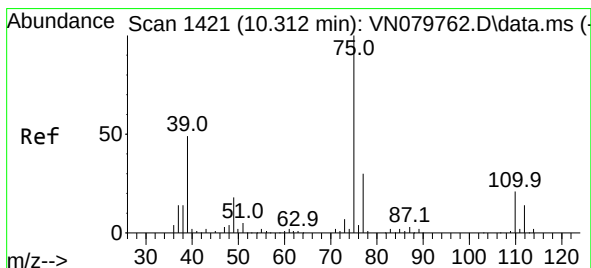
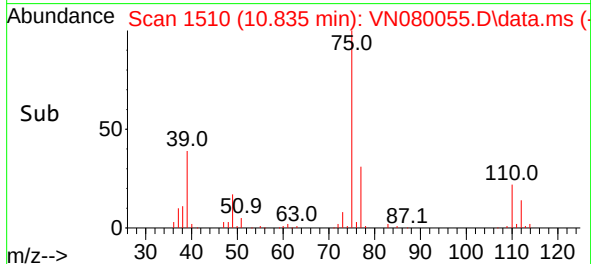
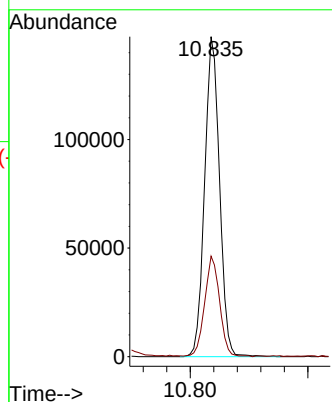
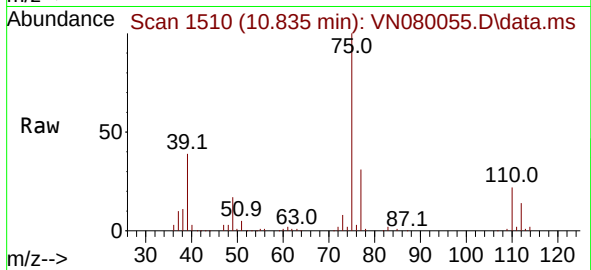




#53
t-1,3-Dichloropropene
Concen: 66.899 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

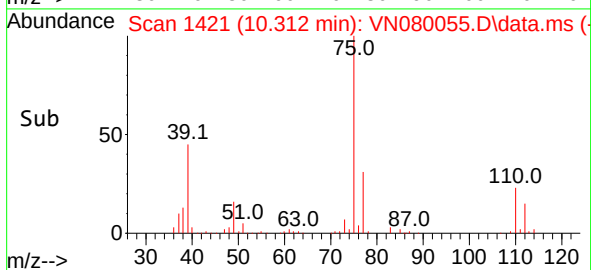
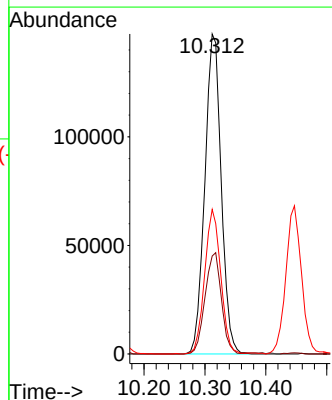
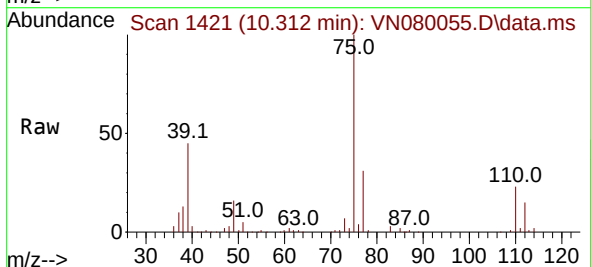
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

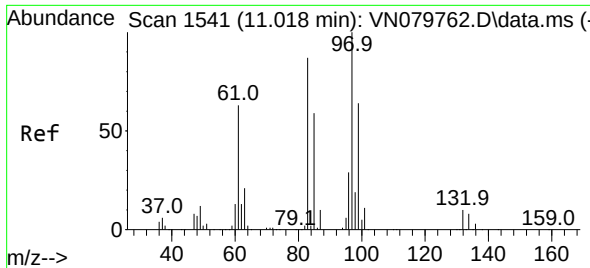
Tgt Ion: 75 Resp: 259099
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 65.382 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 75 Resp: 276008
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 45.2 31.6 47.4



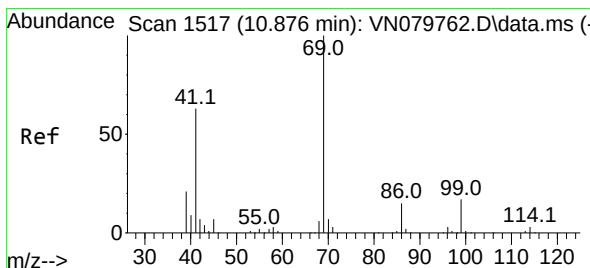
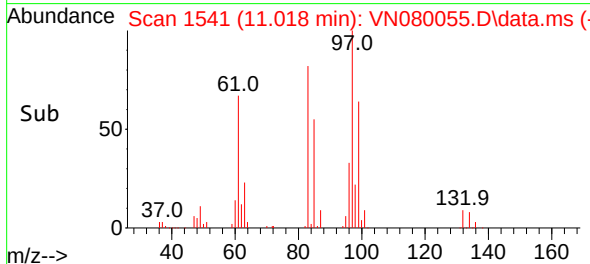
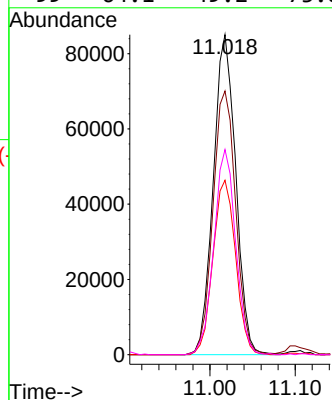
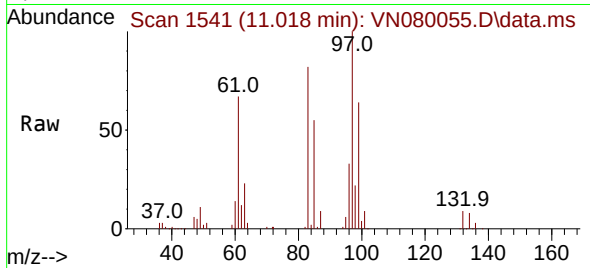


#55
1,1,2-Trichloroethane
Concen: 61.403 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 155437

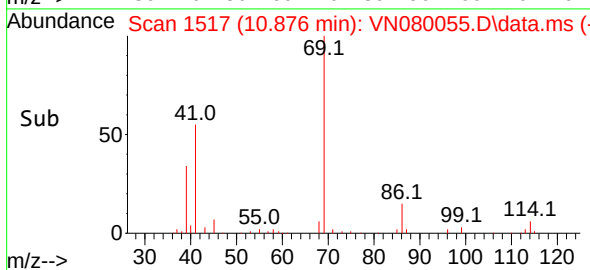
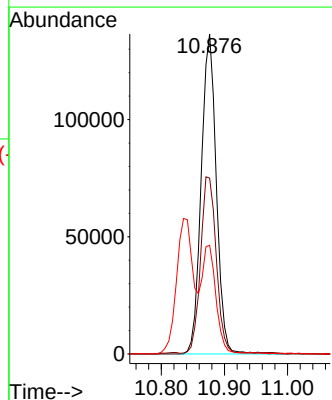
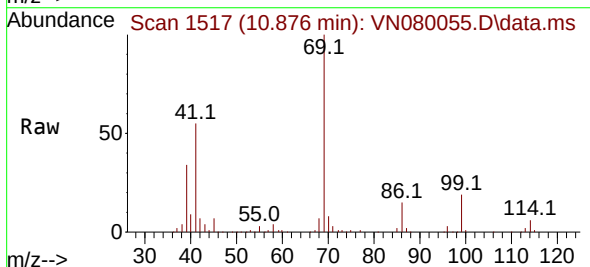
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.1	97.7
85	54.5	43.4	65.2
99	64.1	49.2	73.8

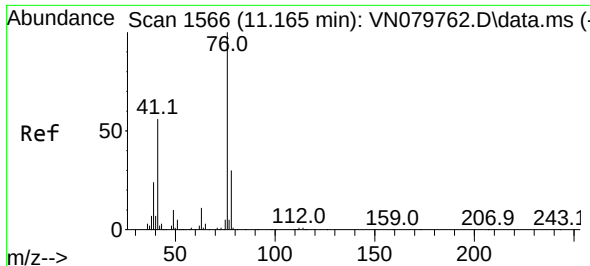


#56
Ethyl methacrylate
Concen: 62.708 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 69 Resp: 226426

Ion	Ratio	Lower	Upper
69	100		
41	57.3	39.6	59.4
39	30.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 61.709 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

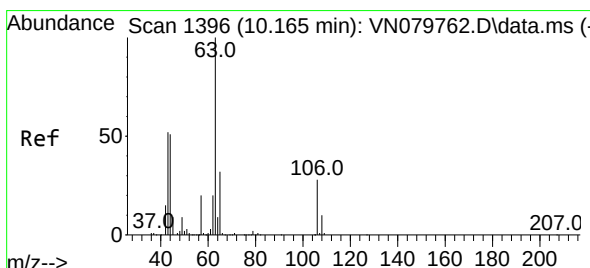
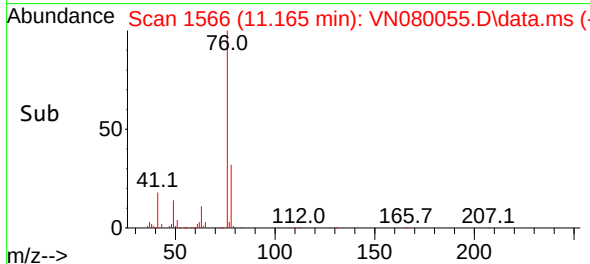
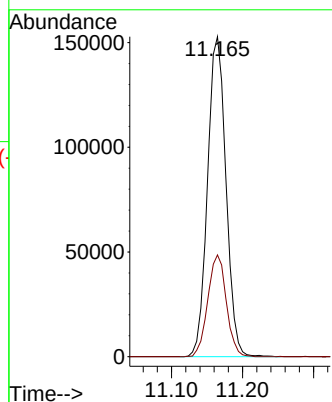
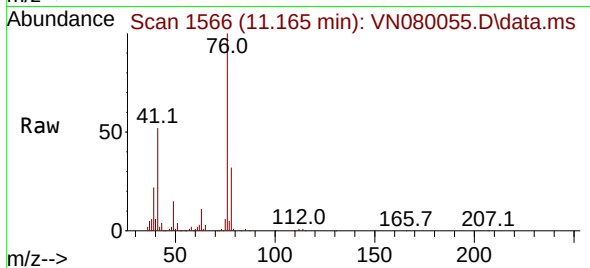
VSTDCCC050

Tgt Ion: 76 Resp: 275347

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 273.114 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN080055.D

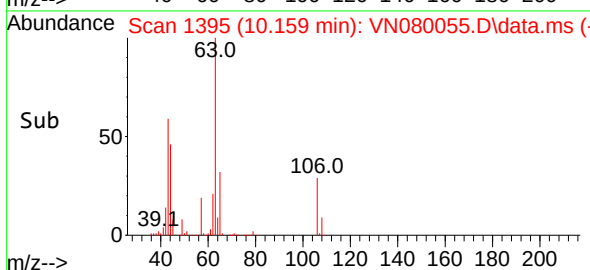
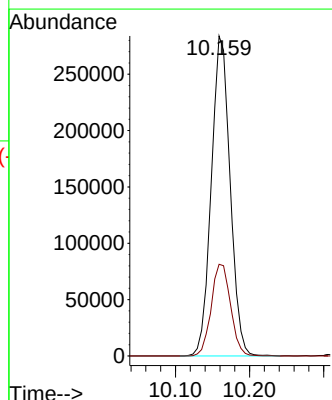
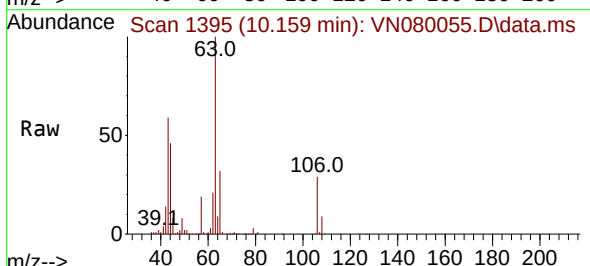
Acq: 13 Nov 2023 10:28

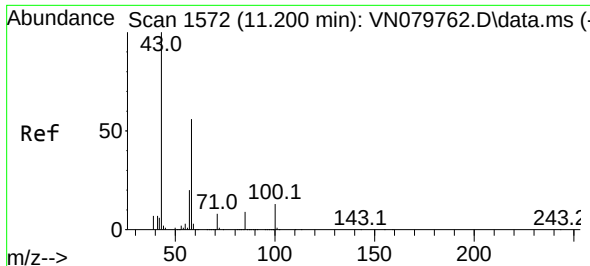
Tgt Ion: 63 Resp: 499825

Ion Ratio Lower Upper

63 100

106 29.5 26.2 39.4

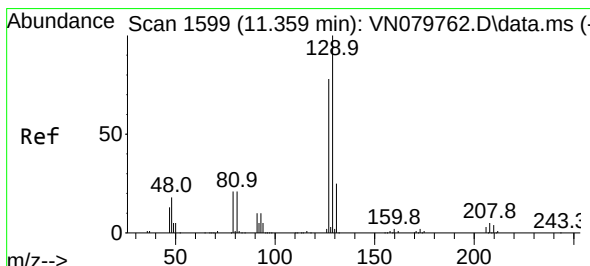
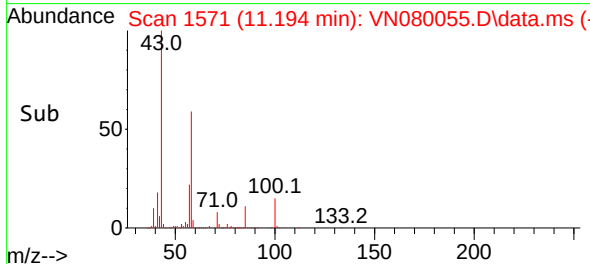
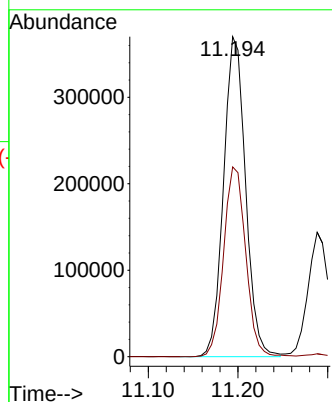
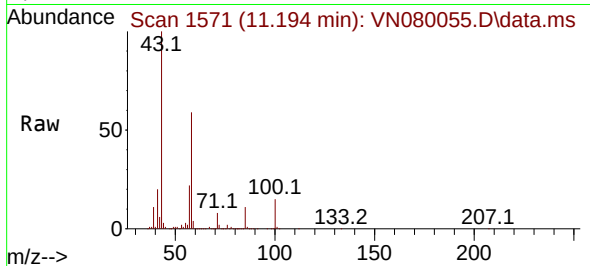




#59
2-Hexanone
Concen: 256.564 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

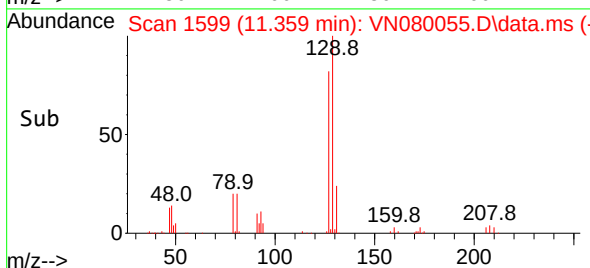
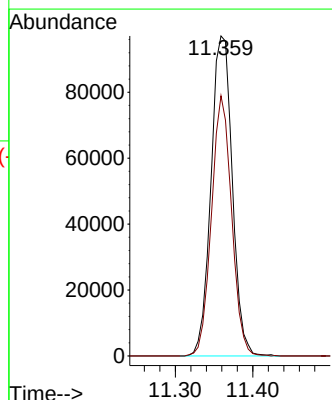
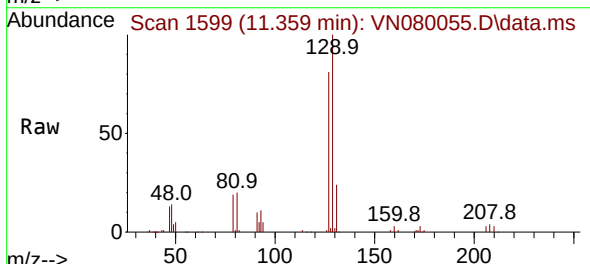
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

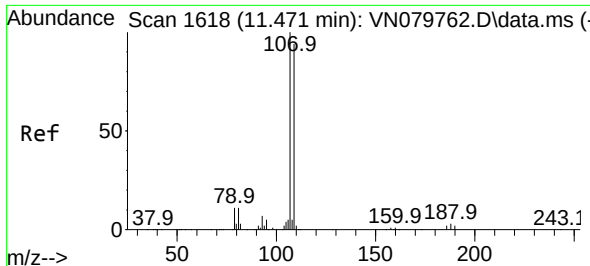
Tgt Ion: 43 Resp: 629922
Ion Ratio Lower Upper
43 100
58 59.6 31.7 95.1



#60
Dibromochloromethane
Concen: 68.383 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 129 Resp: 185294
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

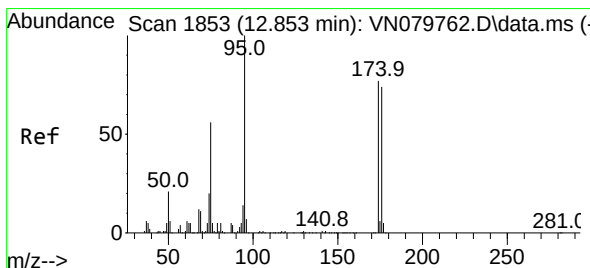
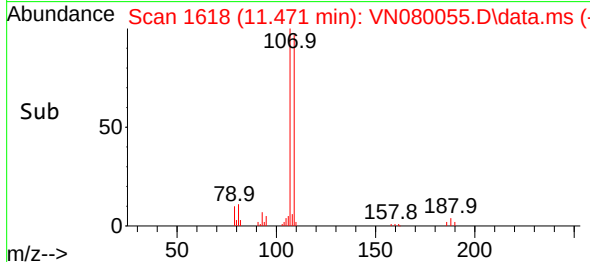
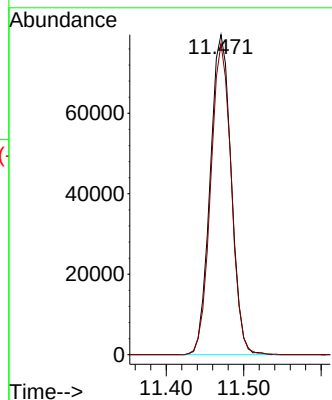
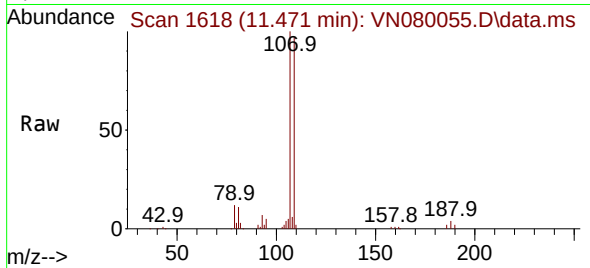




#61
1,2-Dibromoethane
Concen: 59.060 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

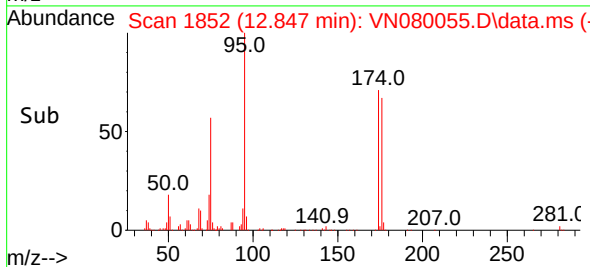
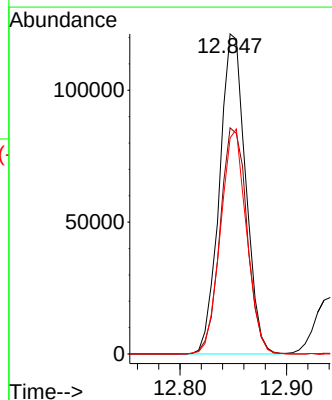
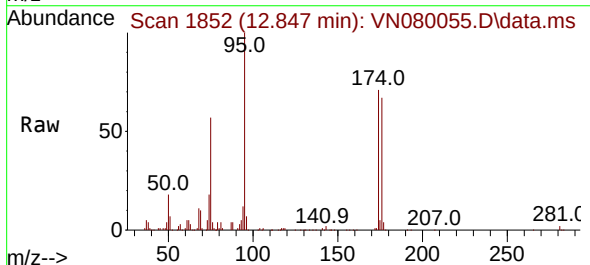
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

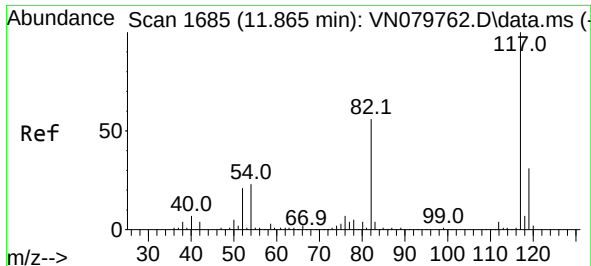
Tgt Ion:107 Resp: 150059
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 67.999 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 95 Resp: 206094
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 70.1 0.0 135.8

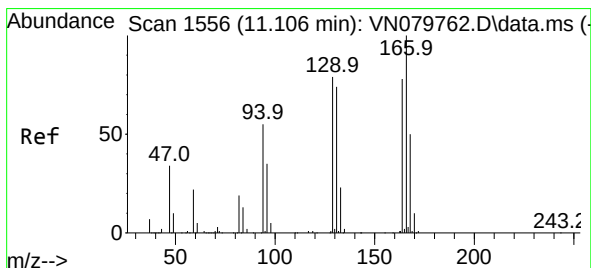
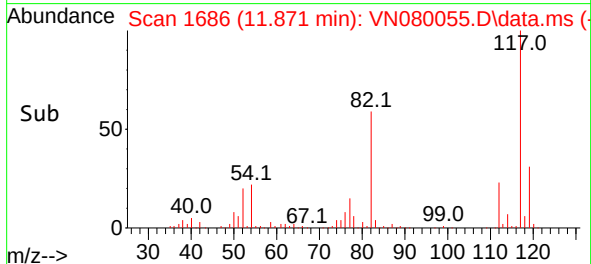
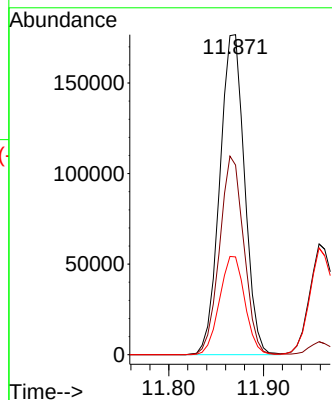
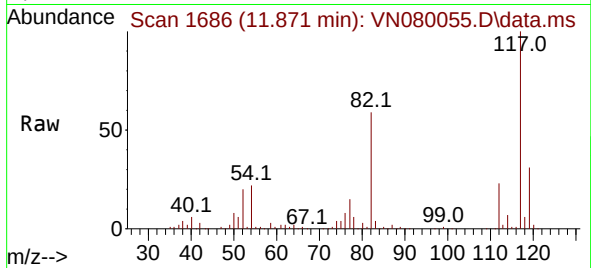




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

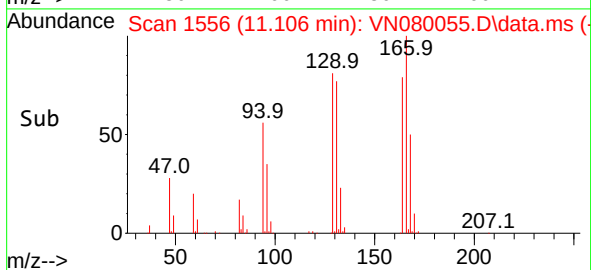
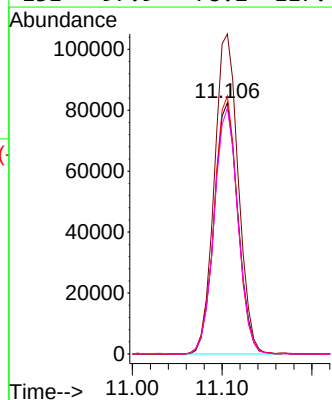
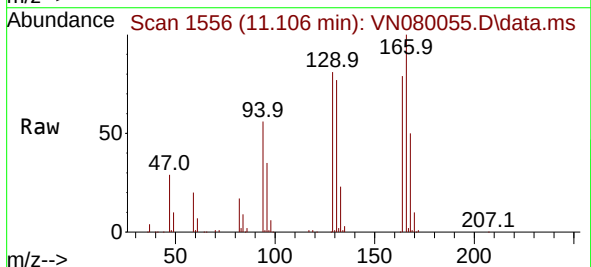
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

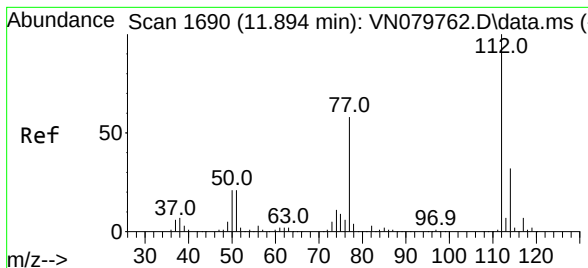
Tgt Ion:117 Resp: 321175
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 30.5 25.6 38.4



#64
Tetrachloroethene
Concen: 72.823 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion:164 Resp: 151479
Ion Ratio Lower Upper
164 100
166 127.4 101.4 152.0
129 102.6 82.4 123.6
131 97.9 78.2 117.4

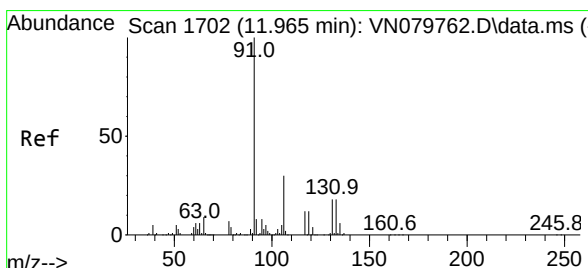
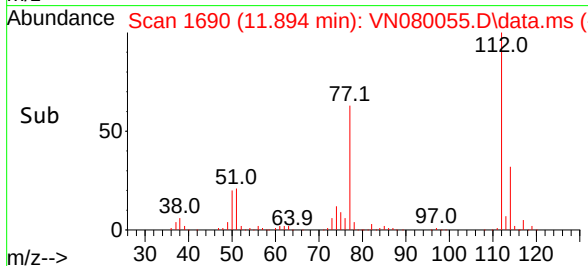
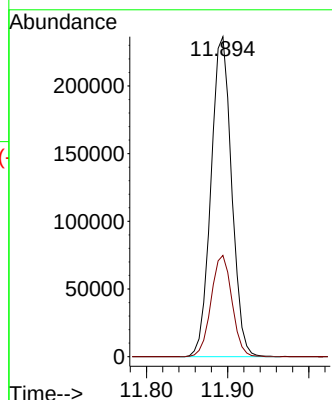
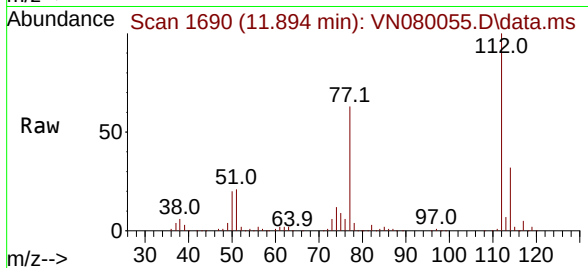




#65
Chlorobenzene
Concen: 59.891 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

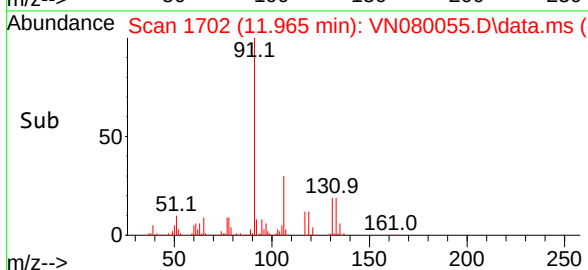
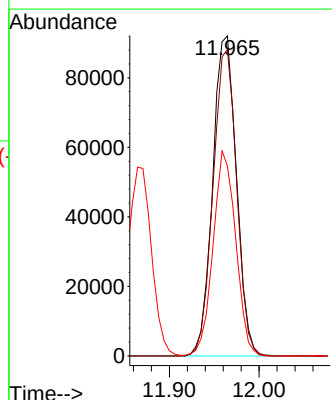
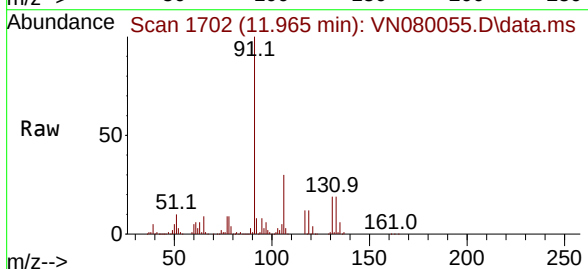
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

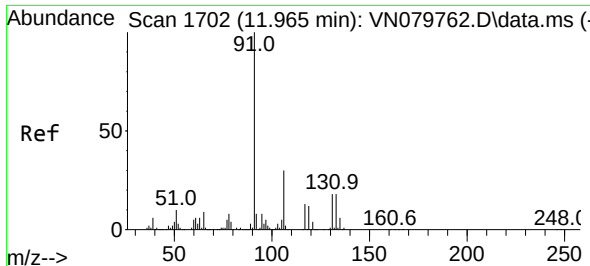
Tgt Ion:112 Resp: 417256
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 67.296 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion:131 Resp: 168921
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 61.3 34.1 102.2

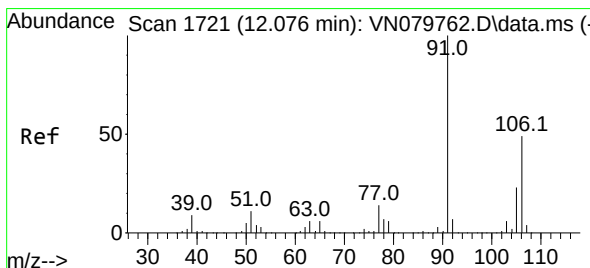
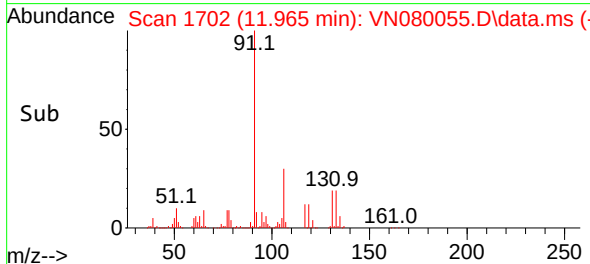
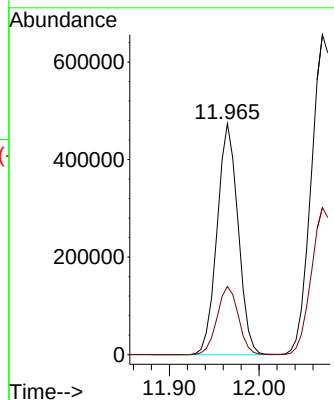
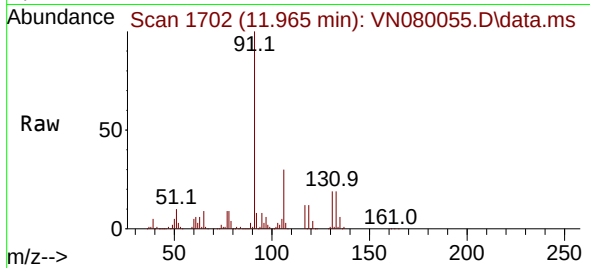




#67
Ethyl Benzene
Concen: 63.365 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

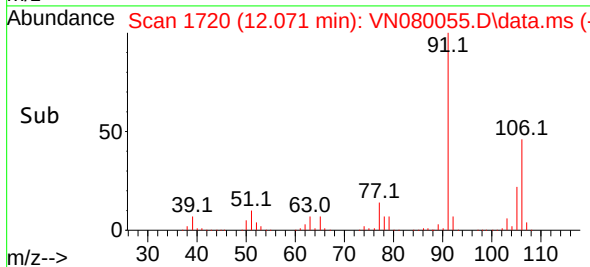
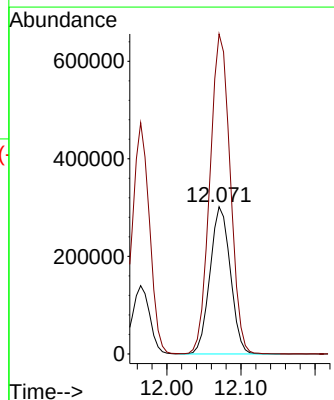
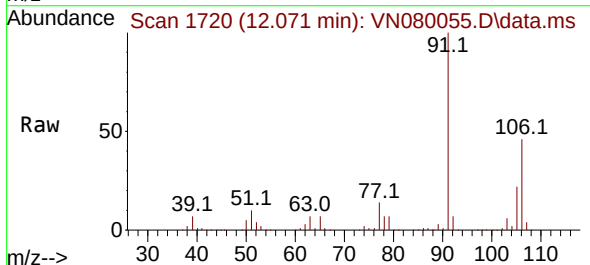
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

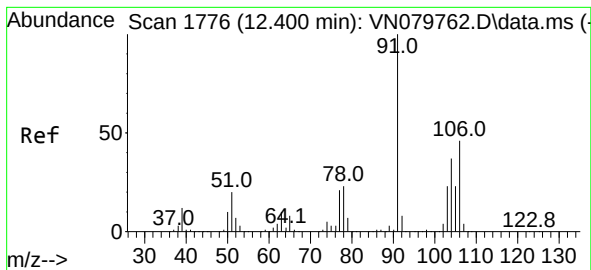
Tgt Ion: 91 Resp: 769138
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 127.395 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion:106 Resp: 576034
Ion Ratio Lower Upper
106 100
91 217.6 159.6 239.4

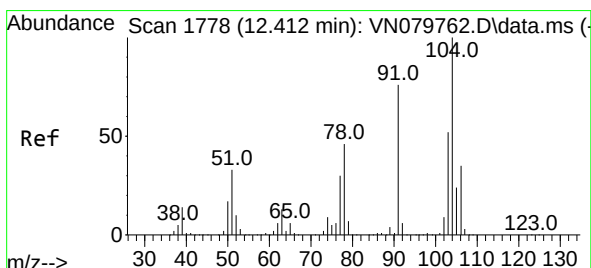
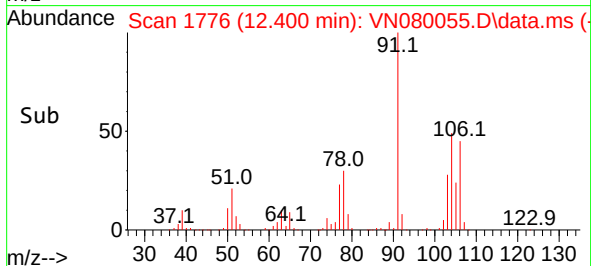
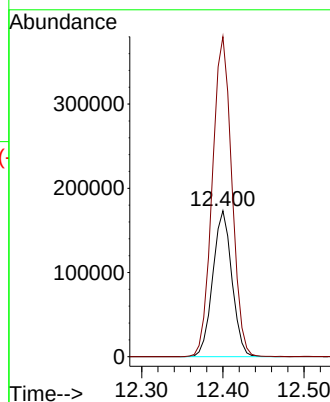
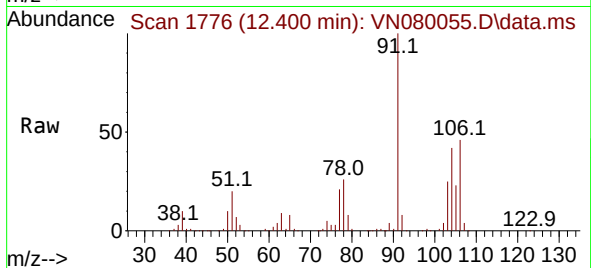




#69
o-Xylene
Concen: 65.052 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

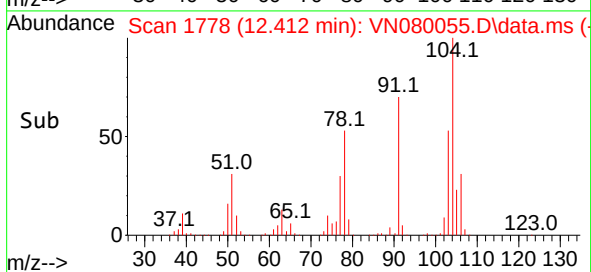
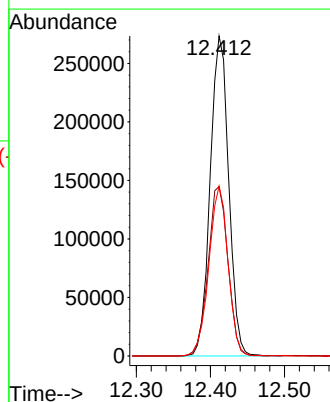
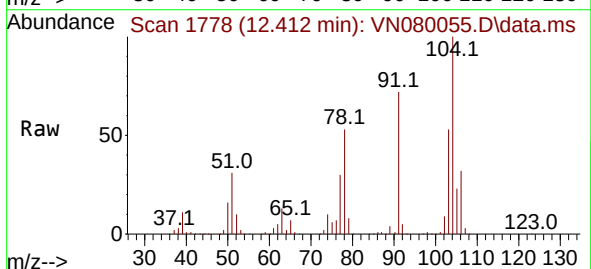
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

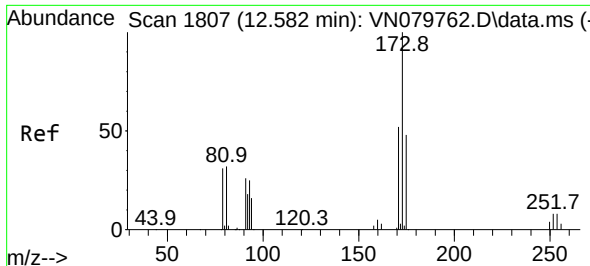
Tgt Ion:106 Resp: 283243
Ion Ratio Lower Upper
106 100
91 224.0 105.2 315.5



#70
Styrene
Concen: 67.799 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion:104 Resp: 474421
Ion Ratio Lower Upper
104 100
78 56.9 39.5 59.3
103 54.9 43.2 64.8

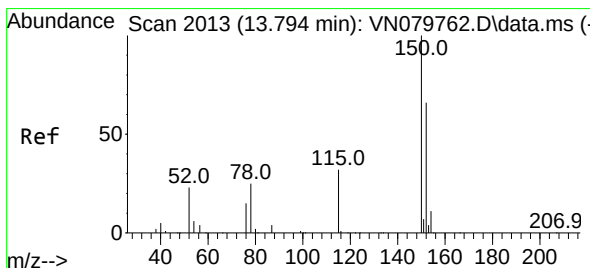
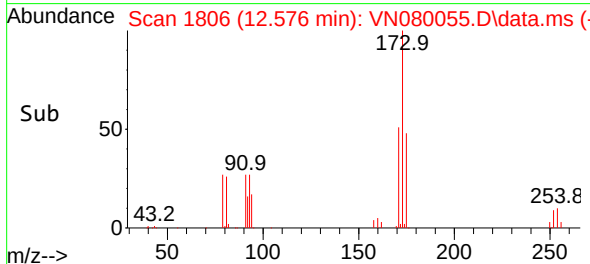
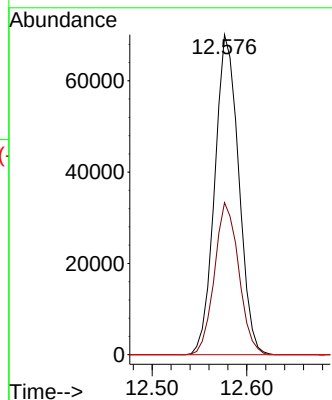
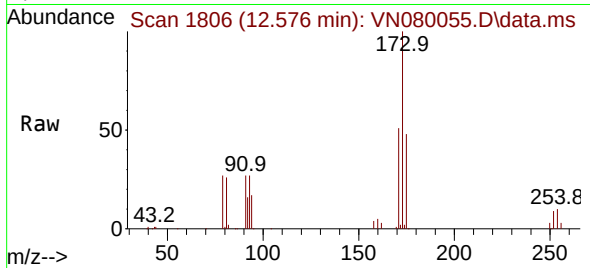




#71
Bromoform
Concen: 69.204 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

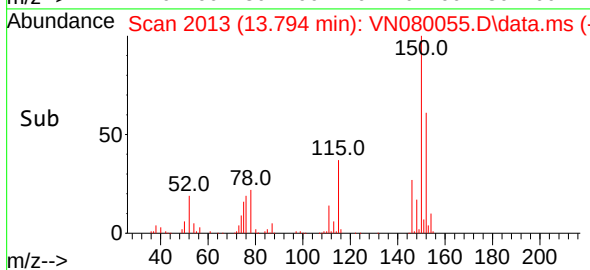
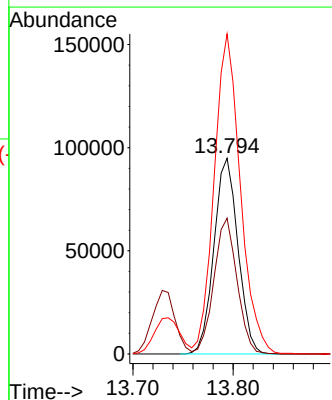
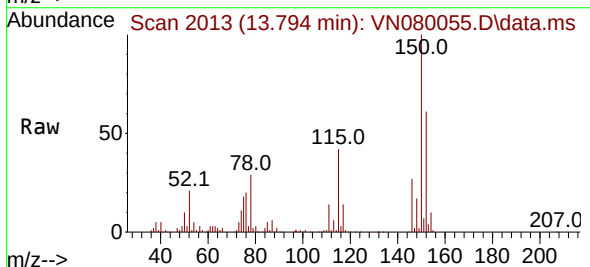
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

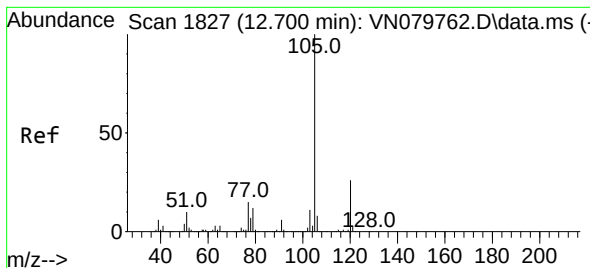
Tgt Ion:173 Resp: 123348
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion:152 Resp: 157954
Ion Ratio Lower Upper
152 100
115 67.0 32.3 96.8
150 178.0 0.0 355.8





#73

Isopropylbenzene

Concen: 61.489 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

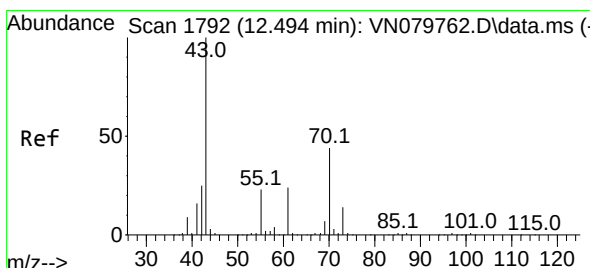
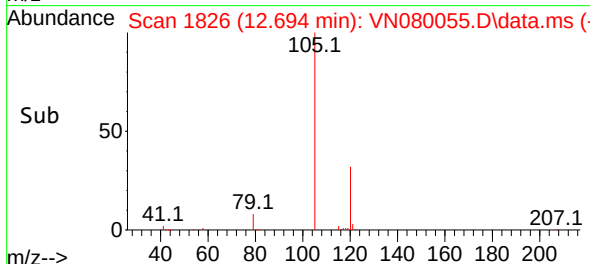
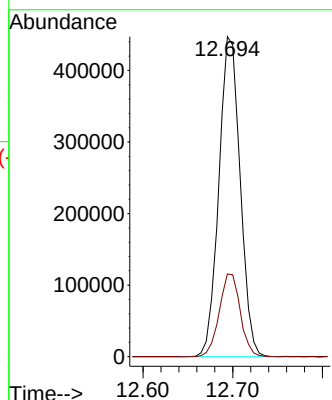
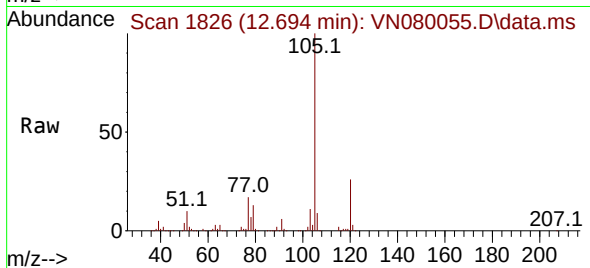
VSTDCCC050

Tgt Ion:105 Resp: 737112

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



#74

N-ethyl acetate

Concen: 43.409 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Tgt Ion: 43 Resp: 227137

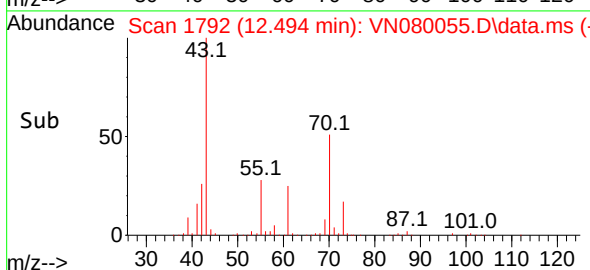
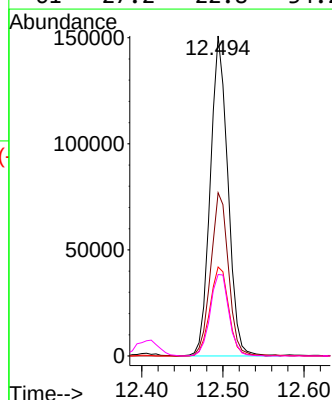
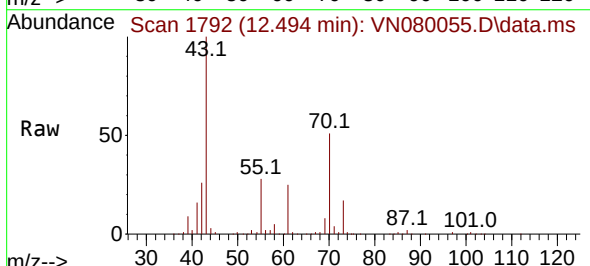
Ion Ratio Lower Upper

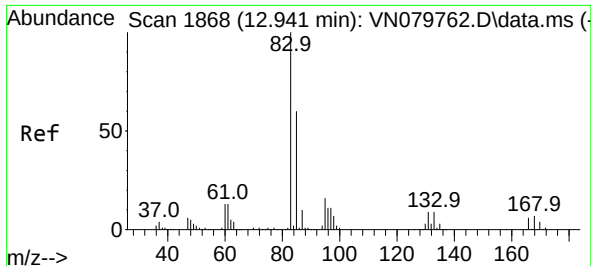
43 100

70 51.2 43.4 65.2

55 29.6 21.4 32.0

61 27.2 22.8 34.2

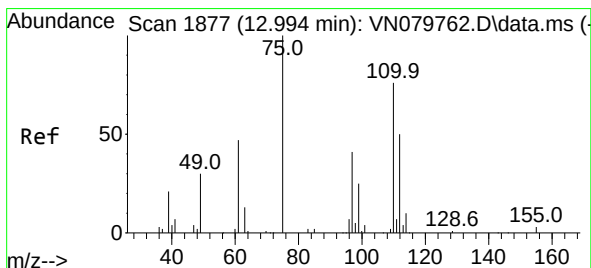
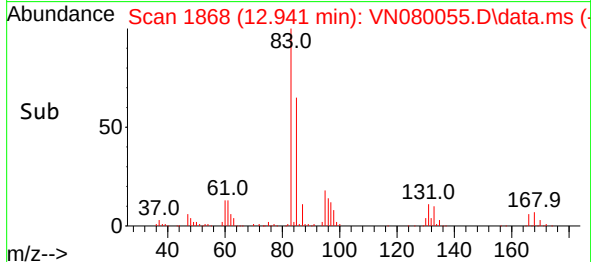
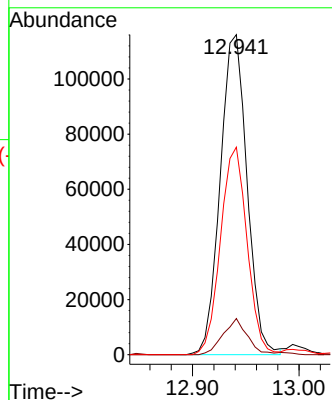
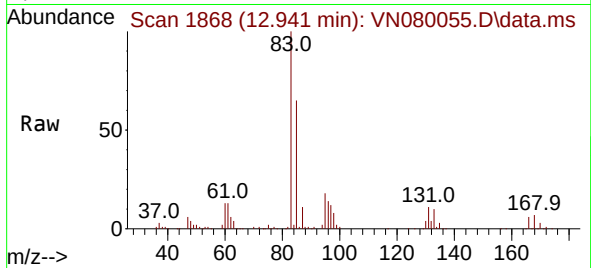




#75
1,1,2-Tetrachloroethane
Concen: 47.828 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

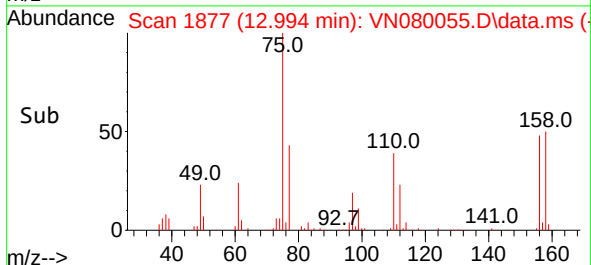
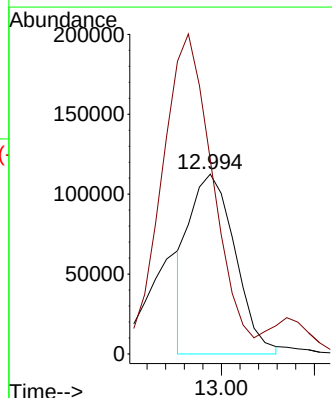
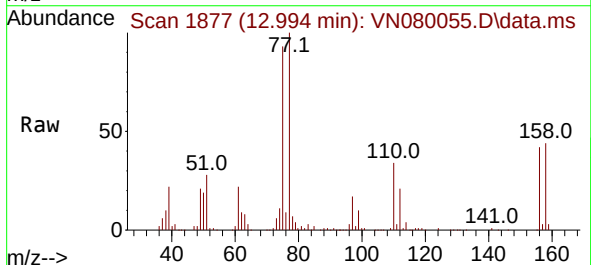
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

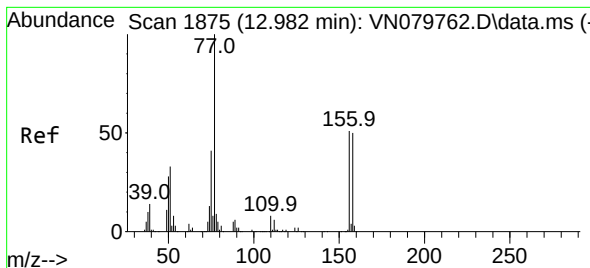
Tgt Ion: 83 Resp: 203285
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 64.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 51.515 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 75 Resp: 191032
Ion Ratio Lower Upper
75 100
77 201.8 84.5 253.5





#77

Bromobenzene

Concen: 59.657 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

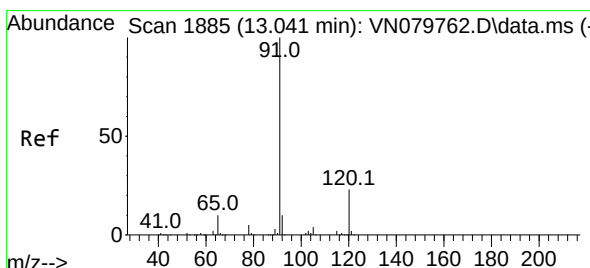
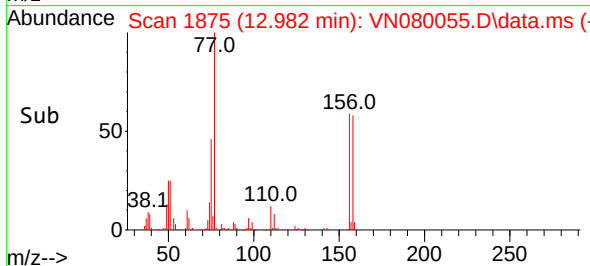
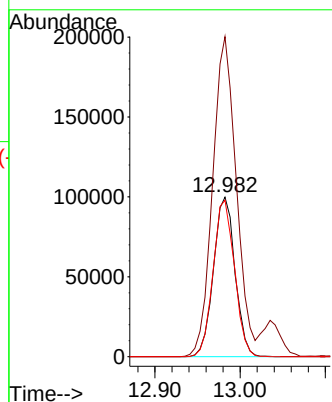
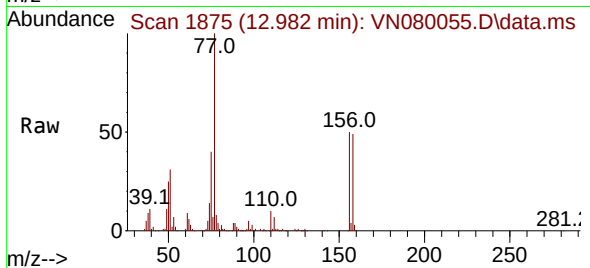
Tgt Ion:156 Resp: 175089

Ion Ratio Lower Upper

156 100

77 220.1 107.7 323.3

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 61.880 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN080055.D

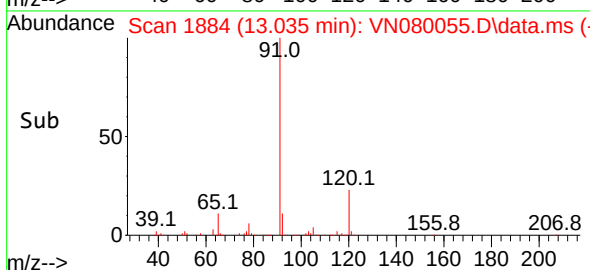
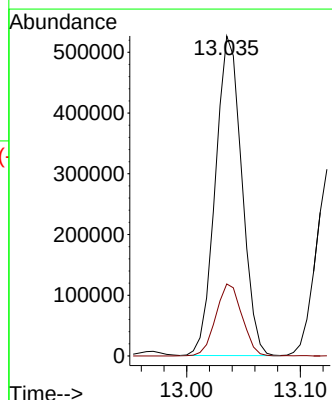
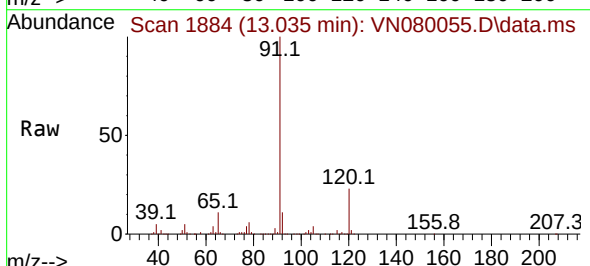
Acq: 13 Nov 2023 10:28

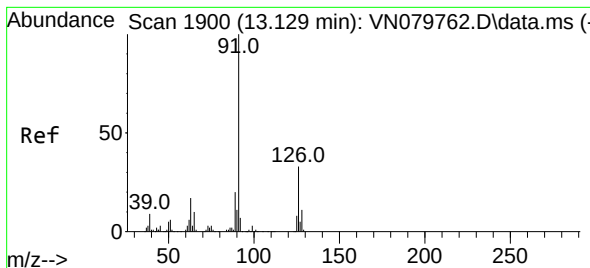
Tgt Ion: 91 Resp: 849479

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

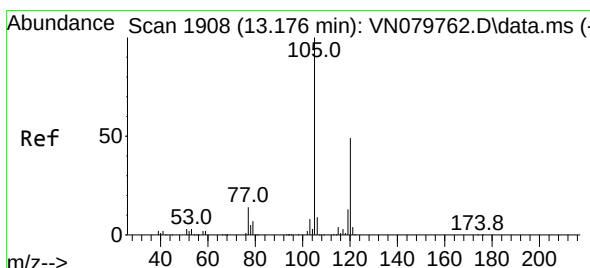
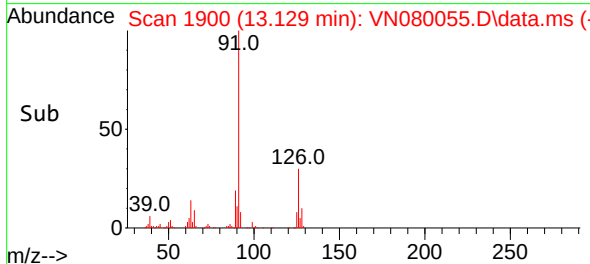
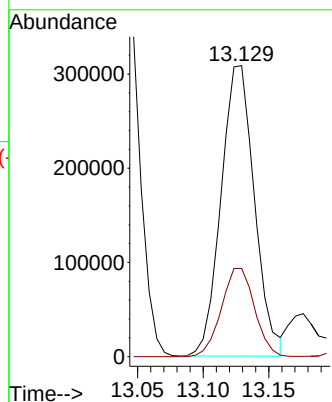
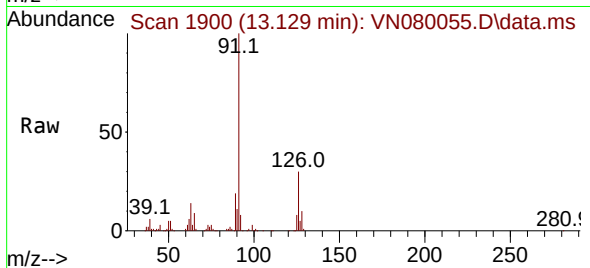




#79
2-Chlorotoluene
Concen: 62.273 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

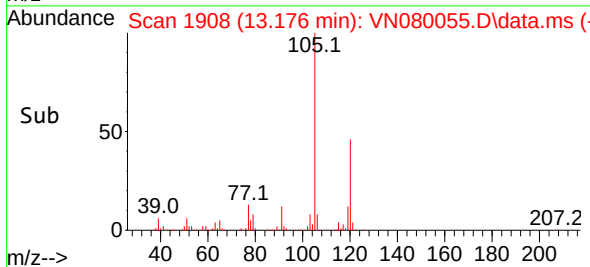
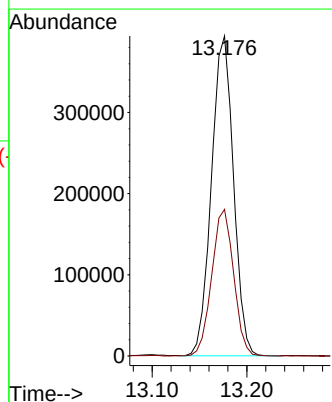
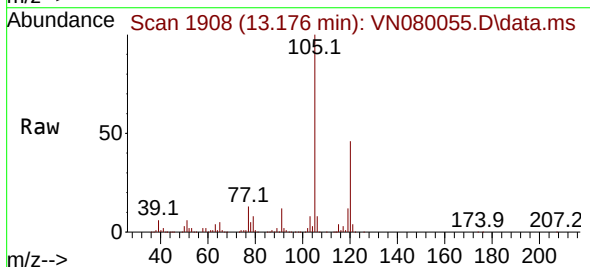
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

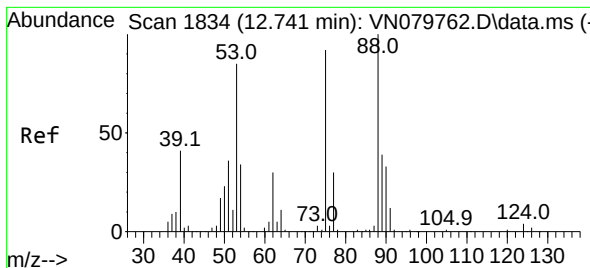
Tgt Ion: 91 Resp: 546115
Ion Ratio Lower Upper
91 100
126 30.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 68.194 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 105 Resp: 636037
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3

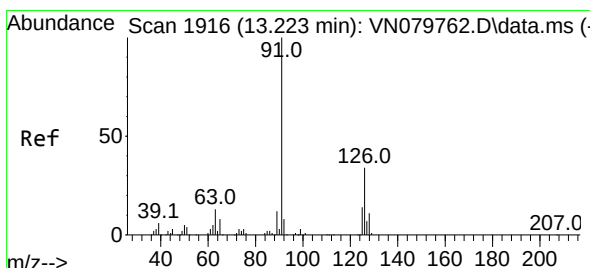
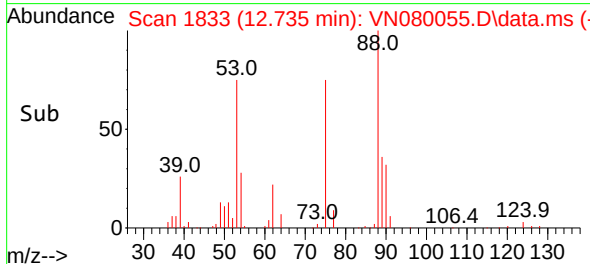
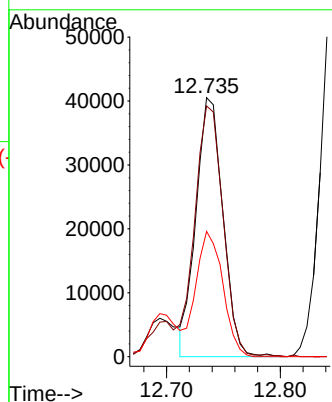
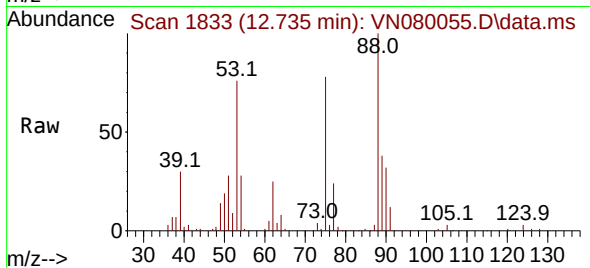




#81
trans-1,4-Dichloro-2-butene
Concen: 49.105 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

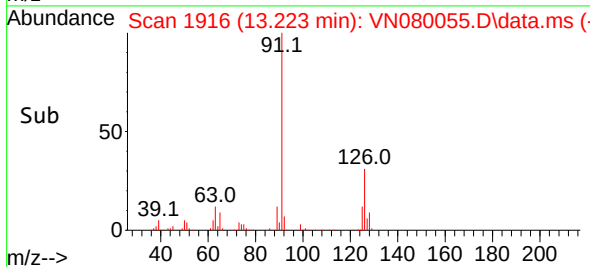
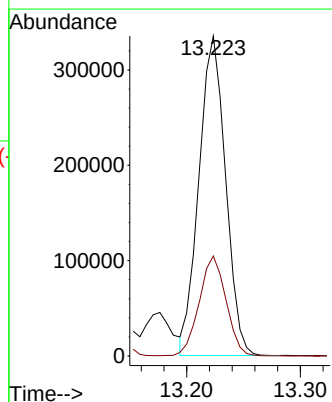
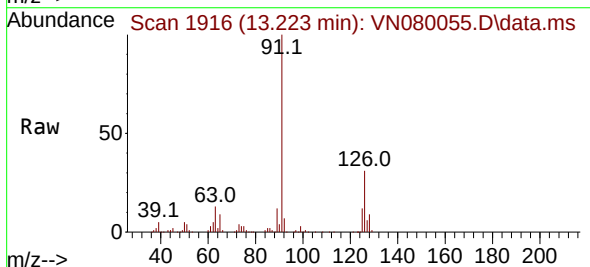
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

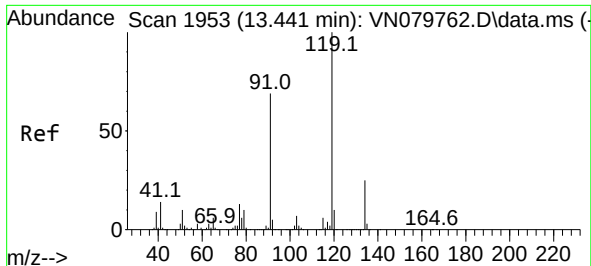
Tgt Ion: 75 Resp: 66928
Ion Ratio Lower Upper
75 100
53 115.2 67.4 101.2#
89 48.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 62.668 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion: 91 Resp: 546122
Ion Ratio Lower Upper
91 100
126 31.5 16.7 50.0

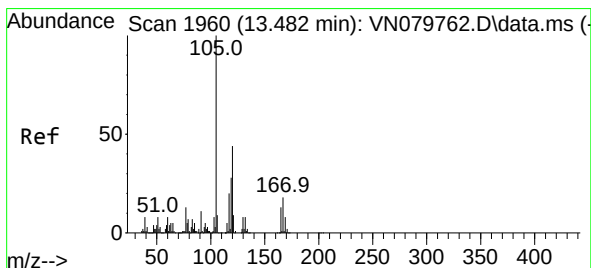
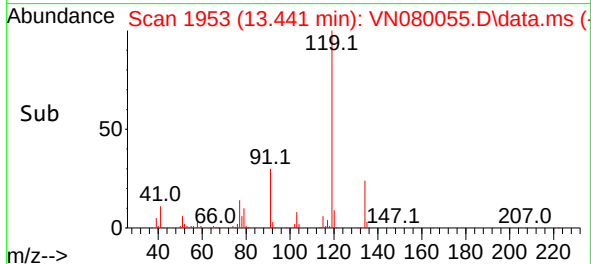
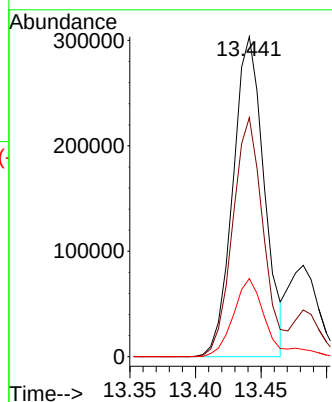
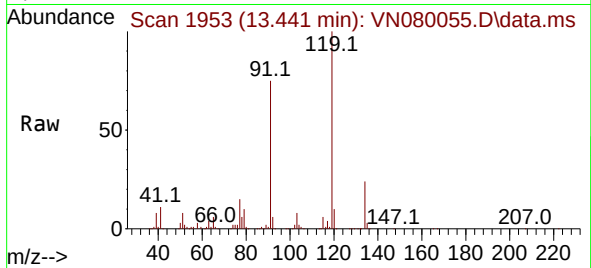




#83
tert-Butylbenzene
Concen: 65.845 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

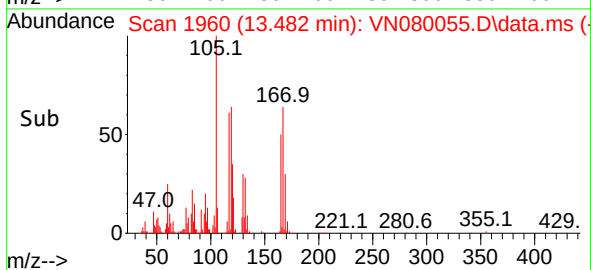
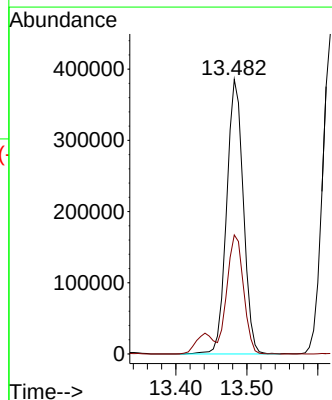
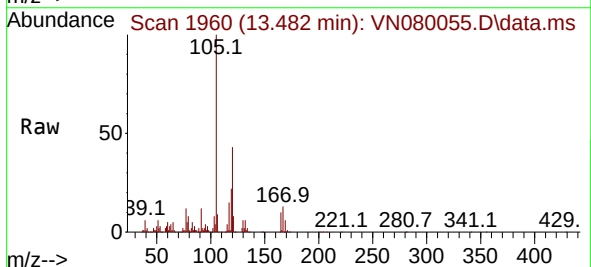
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

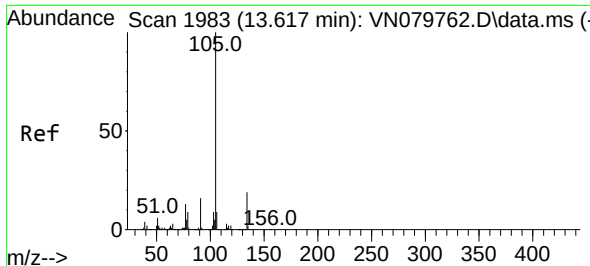
Tgt Ion:119 Resp: 502696
Ion Ratio Lower Upper
119 100
91 74.2 33.9 101.7
134 25.7 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 68.359 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion:105 Resp: 627284
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0

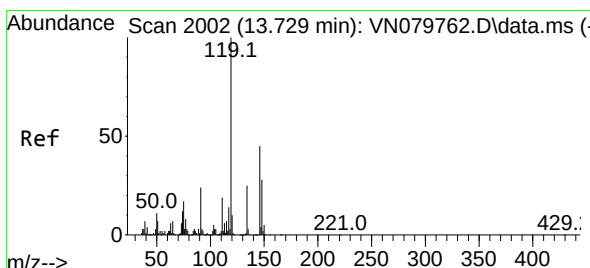
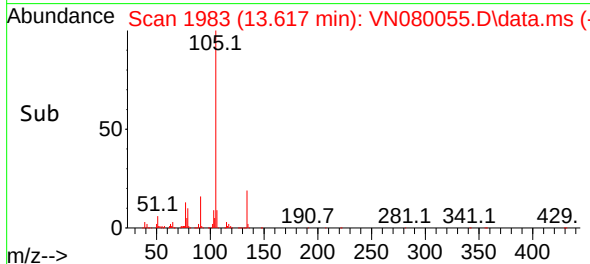
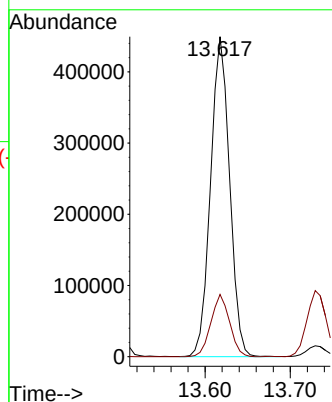
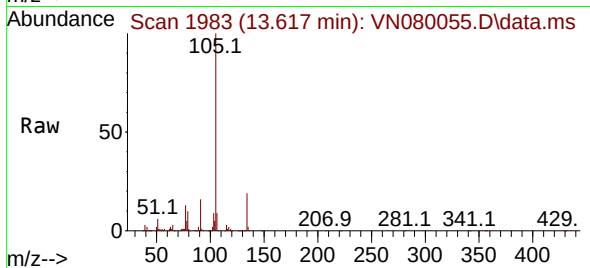




#85
 sec-Butylbenzene
 Concen: 65.938 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080055.D
 Acq: 13 Nov 2023 10:28

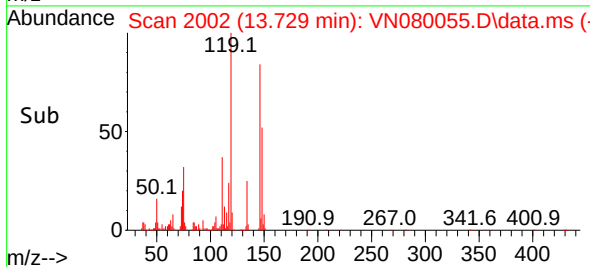
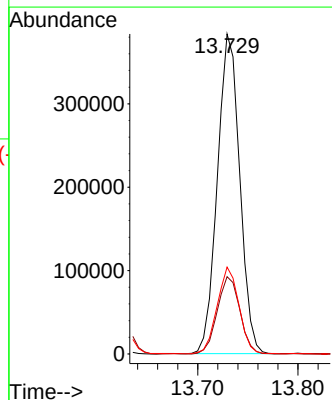
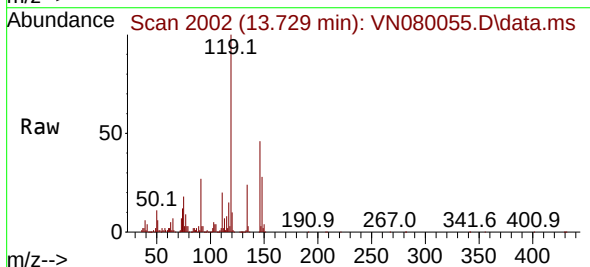
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

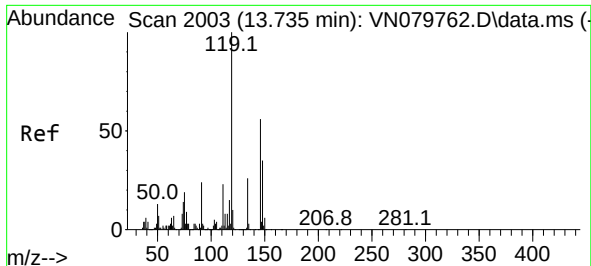
Tgt Ion:105 Resp: 697447
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 68.869 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080055.D
 Acq: 13 Nov 2023 10:28

Tgt Ion:119 Resp: 593906
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.6 37.8
 91 26.4 12.4 37.2

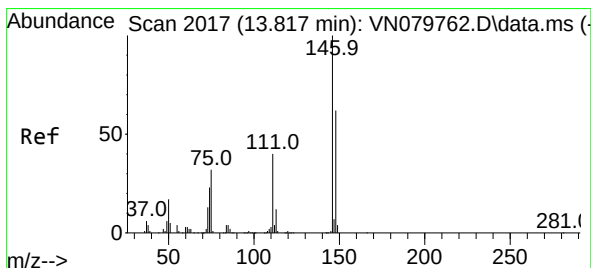
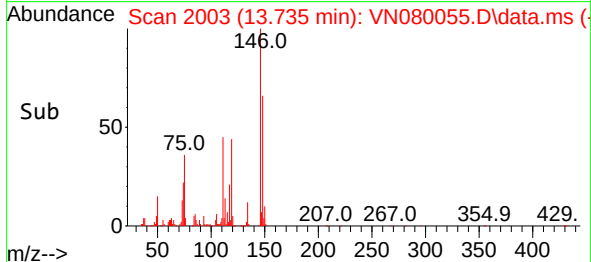
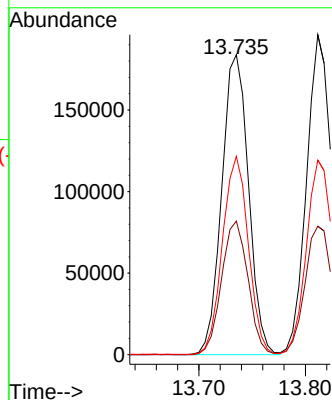
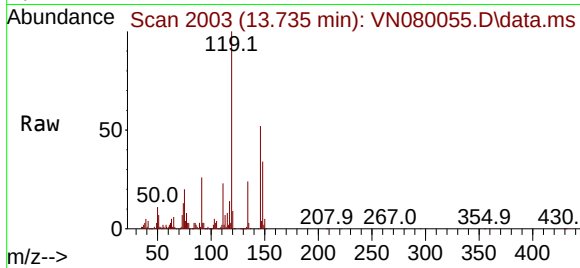




#87
1,3-Dichlorobenzene
Concen: 58.789 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

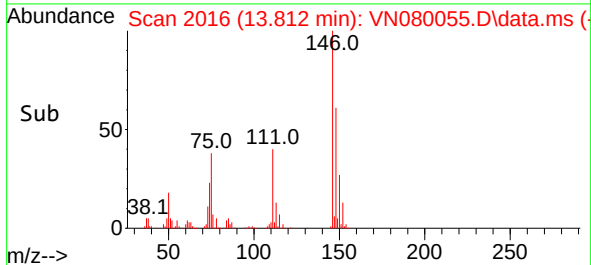
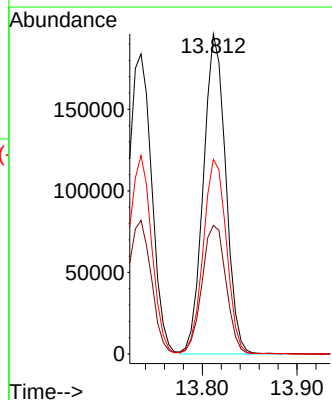
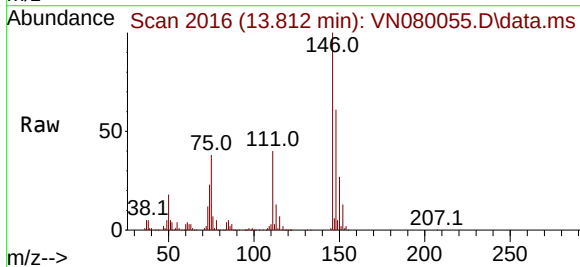
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

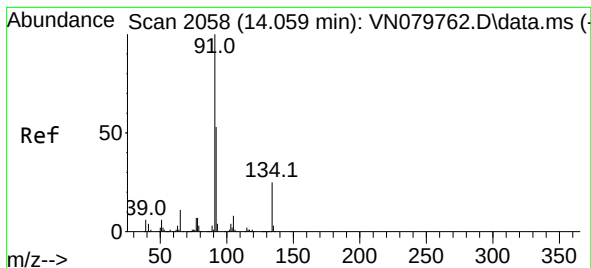
Tgt Ion:146 Resp: 320977
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.3
148 63.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 57.871 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

Tgt Ion:146 Resp: 320713
Ion Ratio Lower Upper
146 100
111 43.2 20.6 61.8
148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 66.407 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

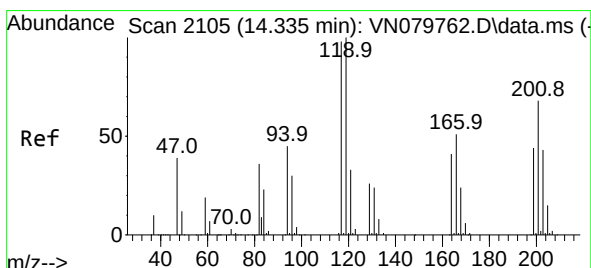
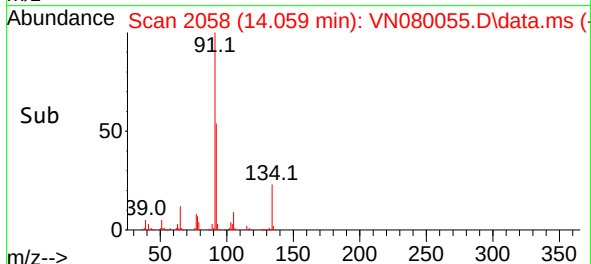
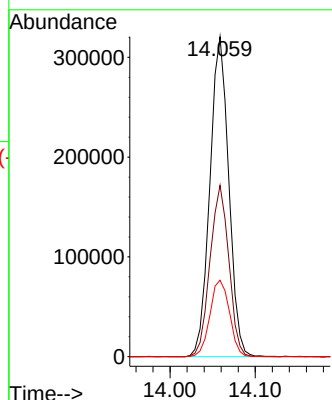
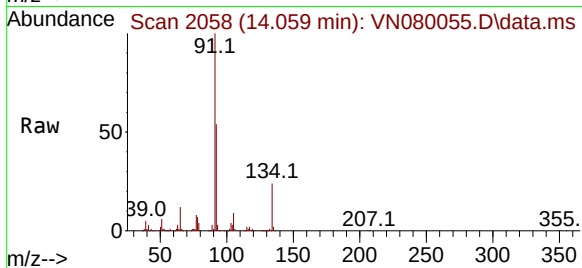
Tgt Ion: 91 Resp: 493240

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.0

134 24.7 12.6 37.6



#90

Hexachloroethane

Concen: 62.726 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080055.D

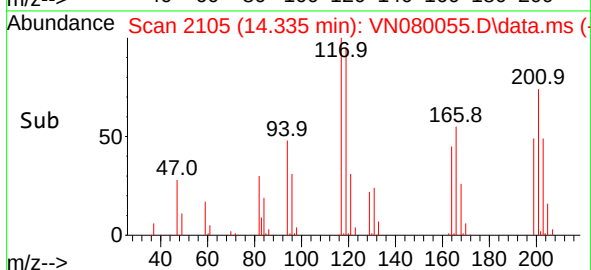
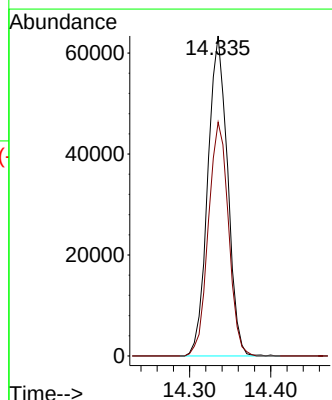
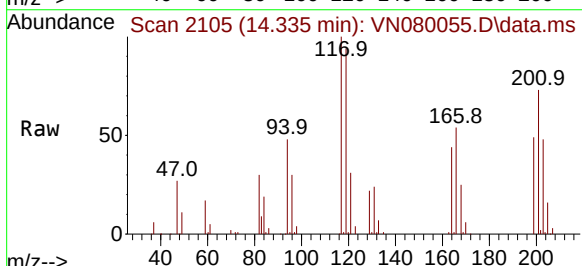
Acq: 13 Nov 2023 10:28

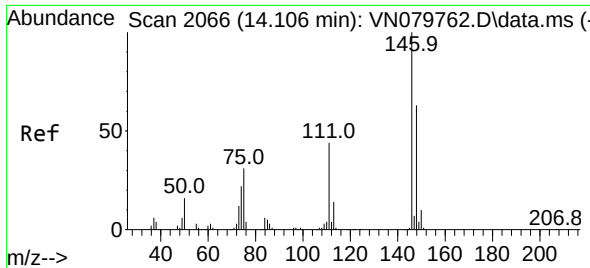
Tgt Ion: 117 Resp: 107127

Ion Ratio Lower Upper

117 100

201 74.2 29.3 88.0

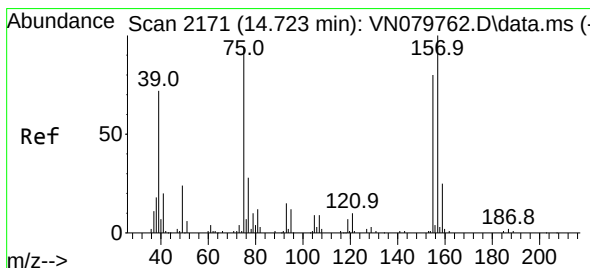
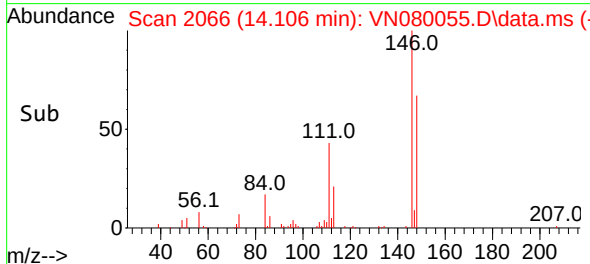
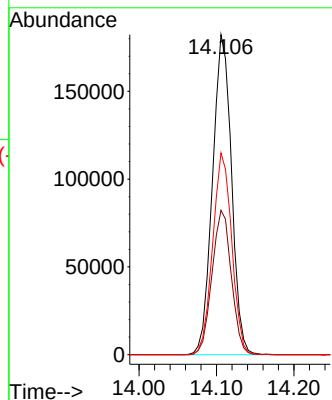
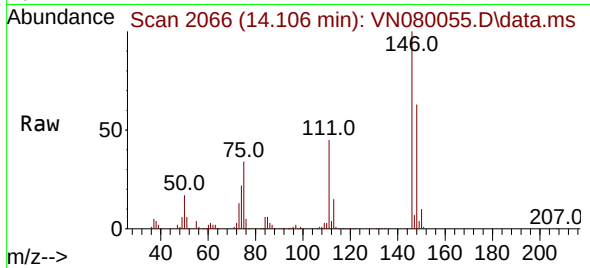




#91
 1,2-Dichlorobenzene
 Concen: 60.149 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080055.D
 Acq: 13 Nov 2023 10:28

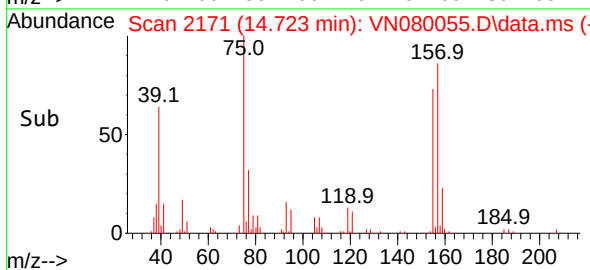
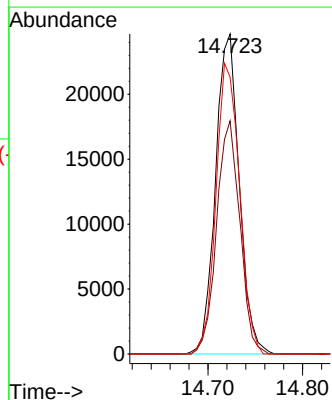
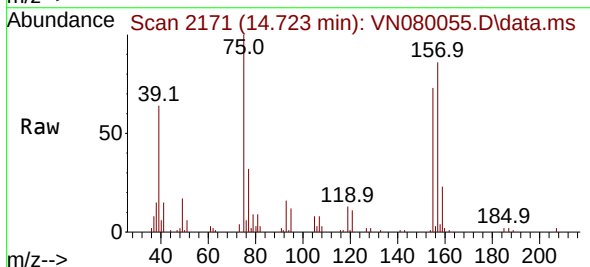
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

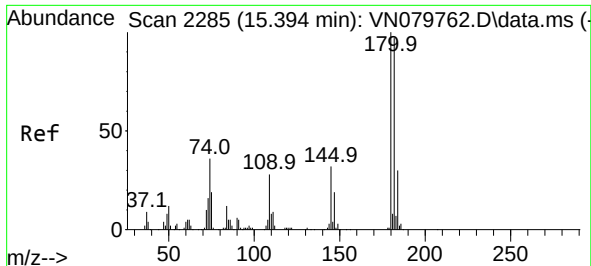
Tgt Ion:146 Resp: 310011
 Ion Ratio Lower Upper
 146 100
 111 46.0 22.0 66.0
 148 63.3 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.371 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080055.D
 Acq: 13 Nov 2023 10:28

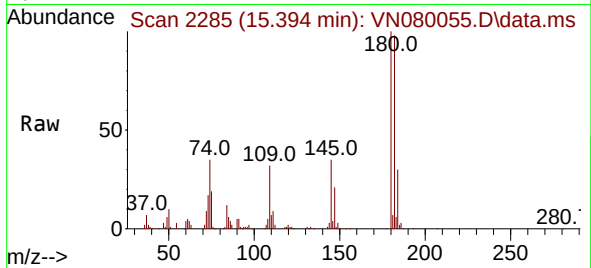
Tgt Ion: 75 Resp: 42794
 Ion Ratio Lower Upper
 75 100
 155 71.6 39.1 117.2
 157 90.6 50.3 150.9



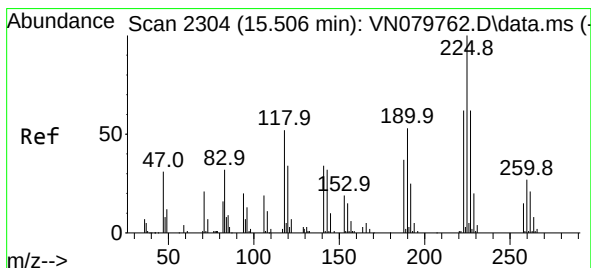
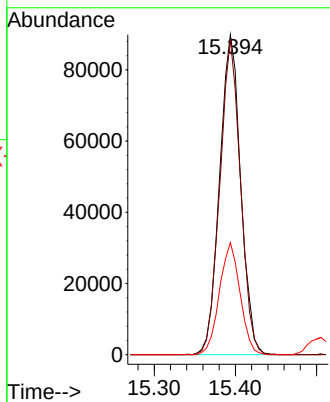
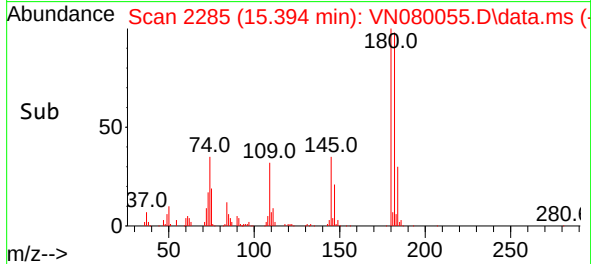


#93
1,2,4-Trichlorobenzene
Concen: 66.224 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28

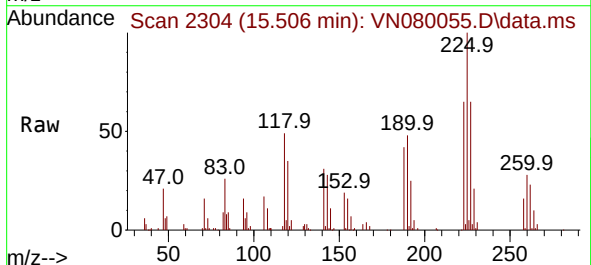
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



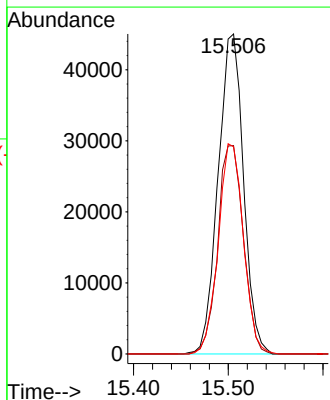
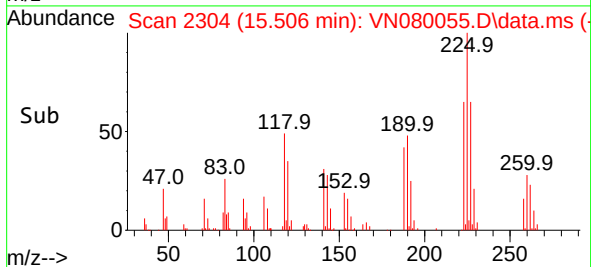
Tgt Ion:180 Resp: 162295
Ion Ratio Lower Upper
180 100
182 96.1 46.1 138.2
145 34.3 16.6 49.8

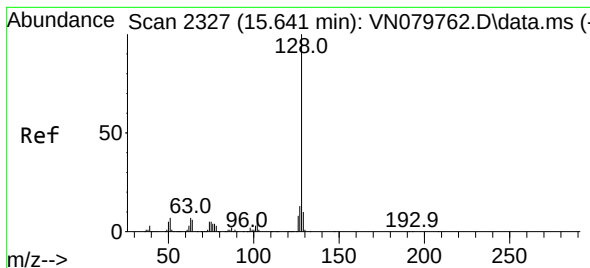


#94
Hexachlorobutadiene
Concen: 75.447 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080055.D
Acq: 13 Nov 2023 10:28



Tgt Ion:225 Resp: 83819
Ion Ratio Lower Upper
225 100
223 65.7 31.3 93.8
227 65.0 31.9 95.9





#95

Naphthalene

Concen: 54.674 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

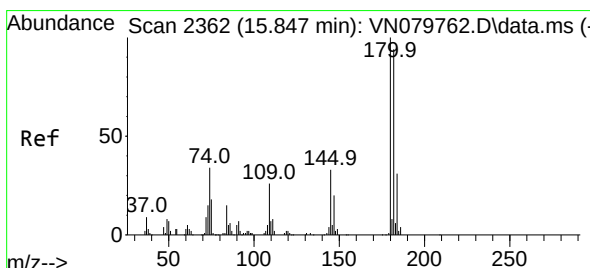
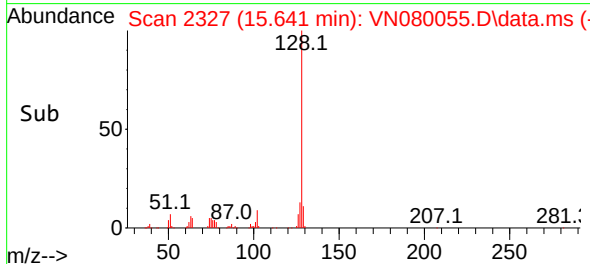
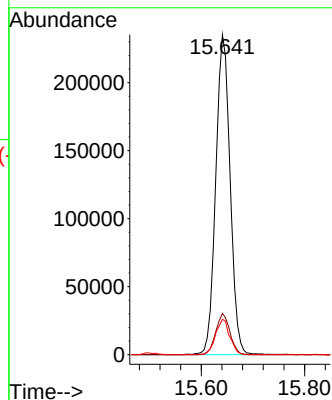
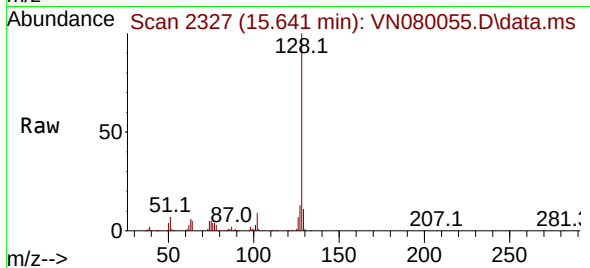
Tgt Ion:128 Resp: 454390

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 62.997 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080055.D

Acq: 13 Nov 2023 10:28

Tgt Ion:180 Resp: 151334

Ion Ratio Lower Upper

180 100

182 97.4 46.2 138.6

145 36.0 17.5 52.6

