

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072568.D
 Acq On : 20 May 2022 10:57
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 21 01:30:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	184422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	279395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	308917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	144737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	146864	51.254	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.500%	
35) Dibromofluoromethane	8.016	113	97963	51.965	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.920%	
50) Toluene-d8	10.439	98	392872	55.057	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 110.120%	
62) 4-Bromofluorobenzene	12.727	95	157194	57.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	112870	53.463	ug/l	97
3) Chloromethane	2.298	50	99869	52.326	ug/l	99
4) Vinyl Chloride	2.440	62	84113	53.998	ug/l	97
5) Bromomethane	2.828	94	59615	40.773	ug/l	96
6) Chloroethane	3.004	64	53953	41.322	ug/l	96
7) Trichlorofluoromethane	3.369	101	178952	49.772	ug/l	97
8) Diethyl Ether	3.822	74	52115	48.810	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	85379	49.872	ug/l	98
10) Methyl Iodide	4.416	142	117899	53.916	ug/l #	82
11) Tert butyl alcohol	5.369	59	79853	304.645	ug/l #	87
12) 1,1-Dichloroethene	4.181	96	74090	49.231	ug/l	85
13) Acrolein	4.040	56	90799	249.650	ug/l	97
14) Allyl chloride	4.840	41	128504	50.201	ug/l	88
15) Acrylonitrile	5.545	53	230816	228.025	ug/l	98
16) Acetone	4.281	43	268271	308.863	ug/l	94
17) Carbon Disulfide	4.528	76	187691	48.159	ug/l	99
18) Methyl Acetate	4.851	43	110992	46.117	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	320810	51.619	ug/l	95
20) Methylene Chloride	5.098	84	87904	42.628	ug/l	96
21) trans-1,2-Dichloroethene	5.592	96	85211	50.525	ug/l	95
22) Diisopropyl ether	6.492	45	276460	49.047	ug/l	96
23) Vinyl Acetate	6.428	43	1230351	252.461	ug/l	96
24) 1,1-Dichloroethane	6.381	63	166585	48.594	ug/l	98
25) 2-Butanone	7.328	43	332348	243.352	ug/l	93
26) 2,2-Dichloropropane	7.322	77	172718	54.312	ug/l	93
27) cis-1,2-Dichloroethene	7.322	96	99583	47.946	ug/l	90
28) Bromochloromethane	7.651	49	69705	49.742	ug/l	98
29) Tetrahydrofuran	7.681	42	203205	245.869	ug/l	96
30) Chloroform	7.810	83	195326	49.786	ug/l	96
31) Cyclohexane	8.092	56	140721	44.183	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	190613	52.652	ug/l	97
36) 1,1-Dichloropropene	8.222	75	131987	51.428	ug/l	97
37) Ethyl Acetate	7.404	43	134725	47.770	ug/l	97
38) Carbon Tetrachloride	8.198	117	170310	53.615	ug/l	99
39) Methylcyclohexane	9.457	83	153531	51.258	ug/l	97
40) Benzene	8.457	78	363259	48.440	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	65322	48.281	ug/l	92
42) 1,2-Dichloroethane	8.527	62	172624	49.607	ug/l	94
43) Isopropyl Acetate	8.557	43	218673	48.216	ug/l	97
44) Trichloroethene	9.216	130	101914	49.989	ug/l	99
45) 1,2-Dichloropropane	9.486	63	93643	50.799	ug/l	96
46) Dibromomethane	9.574	93	71558	51.348	ug/l	96
47) Bromodichloromethane	9.757	83	158446	54.555	ug/l	98
48) Methyl methacrylate	9.557	41	102540	47.484	ug/l #	89
49) 1,4-Dioxane	9.569	88	30042	1598.008	ug/l #	90
51) 4-Methyl-2-Pentanone	10.327	43	726334	242.705	ug/l	94
52) Toluene	10.504	92	274363	56.426	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	182133	58.402	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	170882	55.501	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	116110	54.947	ug/l	98
56) Ethyl methacrylate	10.757	69	173251	54.753	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	199522	56.001	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	154118	199.496	ug/l	99
59) 2-Hexanone	11.080	43	581304	279.461	ug/l	92
60) Dibromochloromethane	11.233	129	142296	58.936	ug/l	100
61) 1,2-Dibromoethane	11.339	107	124624	56.870	ug/l	99
64) Tetrachloroethene	10.974	164	115801	54.018	ug/l	93
65) Chlorobenzene	11.763	112	317825	50.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	130781	51.452	ug/l	97
67) Ethyl Benzene	11.839	91	587931	53.658	ug/l	97
68) m/p-Xylenes	11.951	106	453622	107.535	ug/l	94
69) o-Xylene	12.274	106	221975	51.655	ug/l	97
70) Styrene	12.292	104	355881	53.789	ug/l	96
71) Bromoform	12.451	173	105918	54.148	ug/l #	99
73) Isopropylbenzene	12.574	105	602560	50.355	ug/l	97
74) N-amyl acetate	12.380	43	179865	45.125	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	168418	46.460	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	222179	50.815	ug/l	55
77) Bromobenzene	12.857	156	141455	46.148	ug/l	99
78) n-propylbenzene	12.915	91	663242	50.678	ug/l	99
79) 2-Chlorotoluene	13.004	91	411774	46.967	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	515570	49.680	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	53571	51.079	ug/l	95
82) 4-Chlorotoluene	13.098	91	412423	50.499	ug/l	96
83) tert-Butylbenzene	13.321	119	450273	51.084	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	508164	51.048	ug/l	95
85) sec-Butylbenzene	13.498	105	605444	52.892	ug/l	99
86) p-Isopropyltoluene	13.610	119	514520	54.657	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	254087	50.608	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	249704	51.132	ug/l	99
89) n-Butylbenzene	13.939	91	385942	54.160	ug/l	99
90) Hexachloroethane	14.204	117	84448	50.142	ug/l	96
91) 1,2-Dichlorobenzene	13.980	146	250180	49.683	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	35612	46.434	ug/l	88
93) 1,2,4-Trichlorobenzene	15.256	180	114913	52.225	ug/l	97
94) Hexachlorobutadiene	15.362	225	68580	49.627	ug/l	98
95) Naphthalene	15.504	128	323678	50.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	113198	49.878	ug/l	96

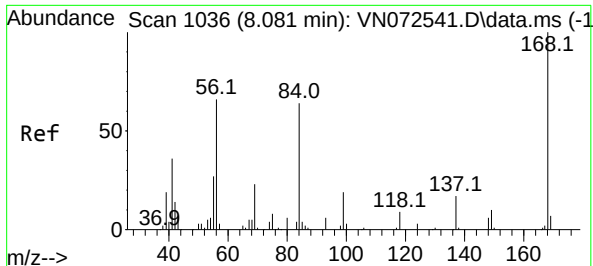
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Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

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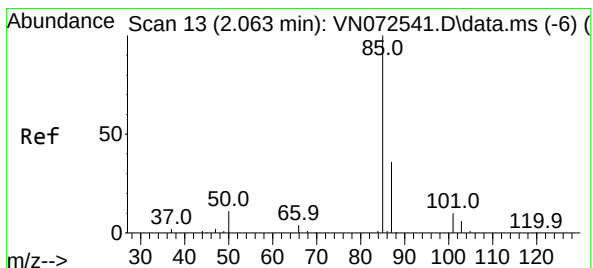
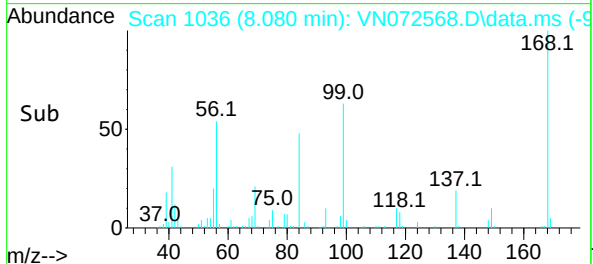
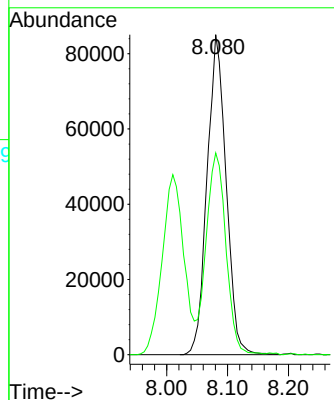
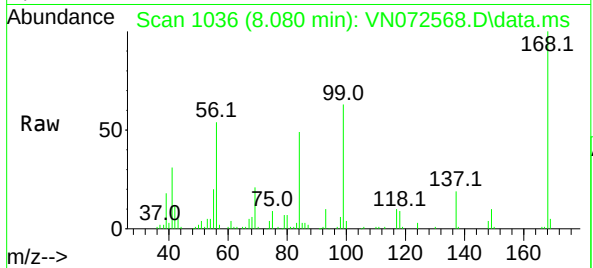
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN072568.D
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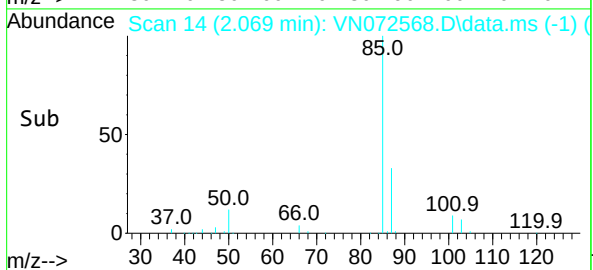
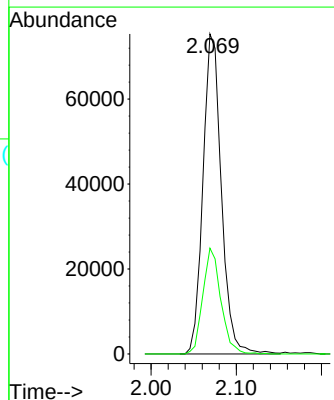
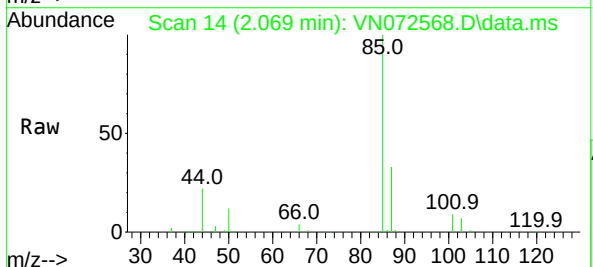
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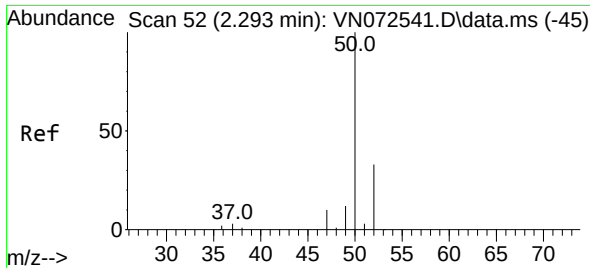
Tgt Ion:168 Resp: 184422
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 53.463 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 85 Resp: 112870
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1

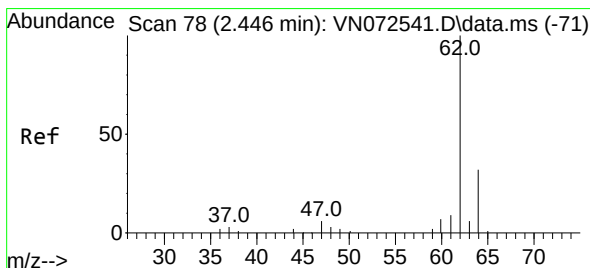
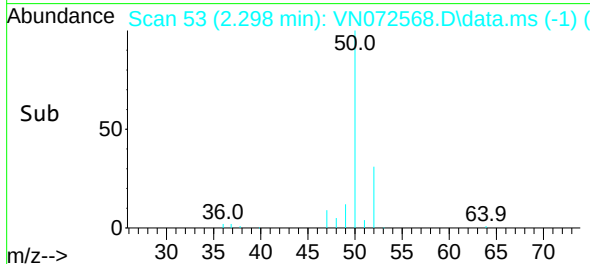
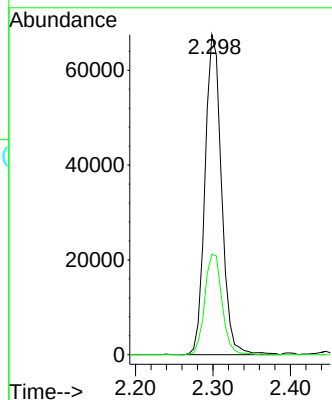
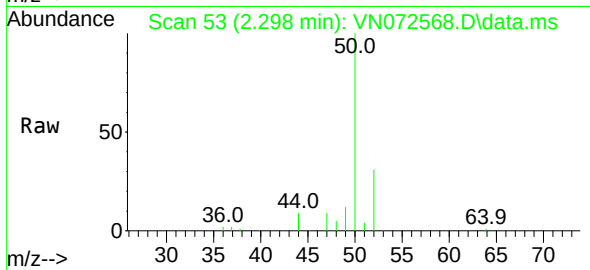




#3
Chloromethane
Concen: 52.326 ug/l
RT: 2.298 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

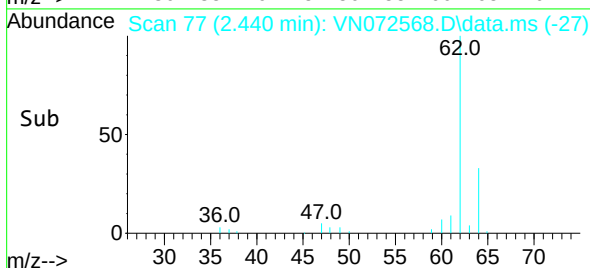
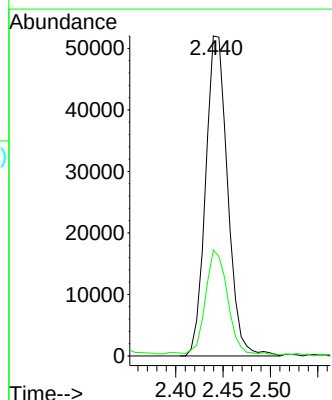
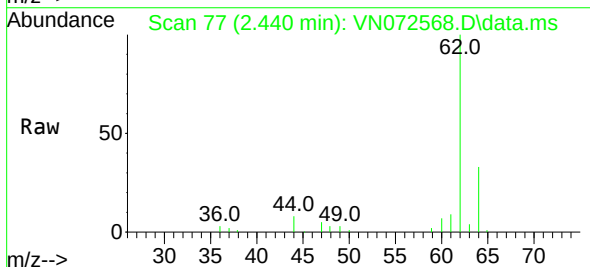
Instrument :
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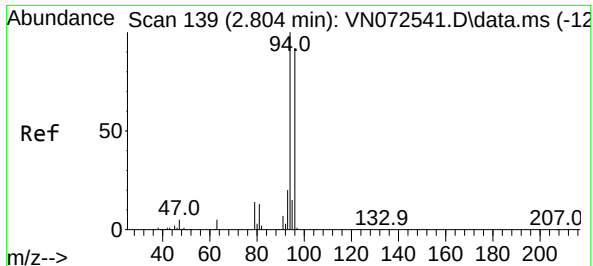
Tgt Ion: 50 Resp: 99869
Ion Ratio Lower Upper
50 100
52 31.4 25.7 38.5



#4
Vinyl Chloride
Concen: 53.998 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 62 Resp: 84113
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.4

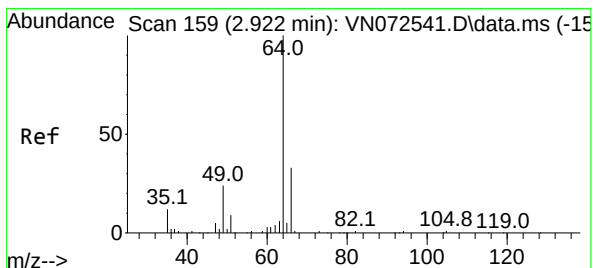
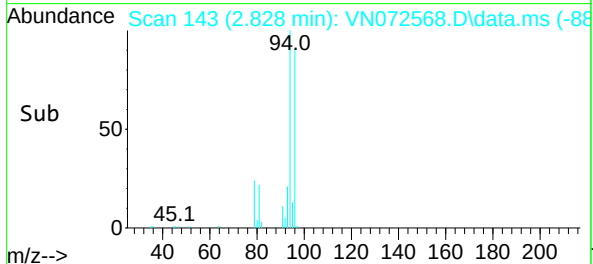
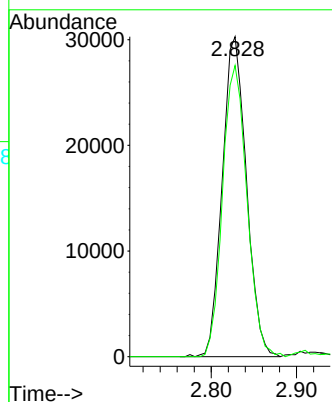
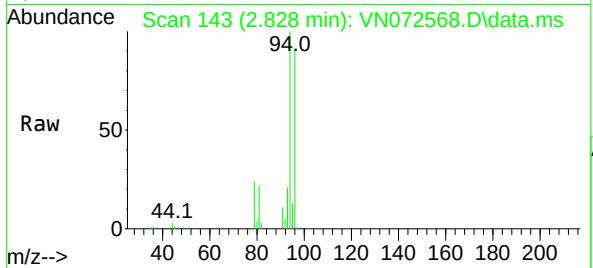




#5
Bromomethane
Concen: 40.773 ug/l
RT: 2.828 min Scan# 14
Delta R.T. 0.024 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

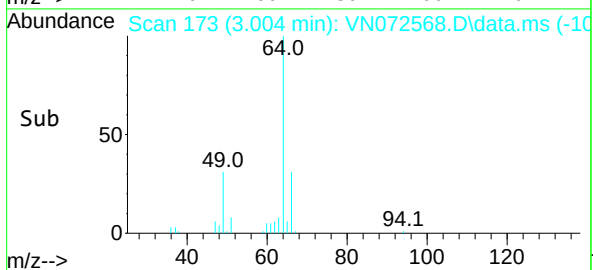
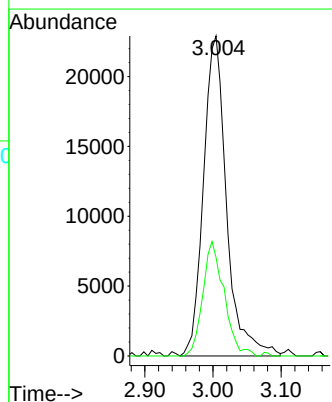
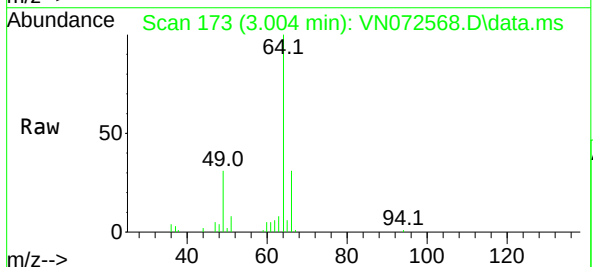
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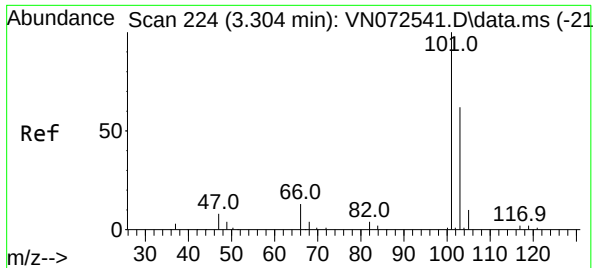
Tgt Ion: 94 Resp: 59615
Ion Ratio Lower Upper
94 100
96 91.0 76.0 114.0



#6
Chloroethane
Concen: 41.322 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.082 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 64 Resp: 53953
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.4

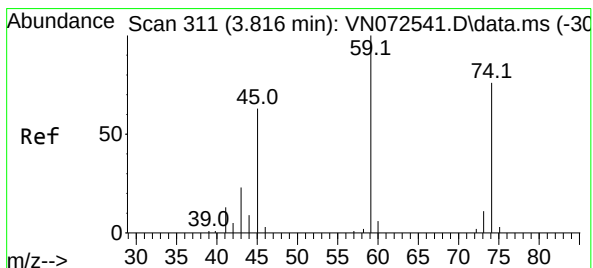
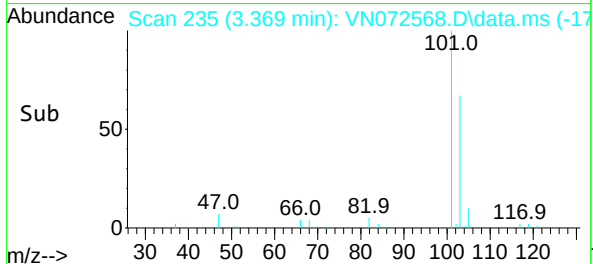
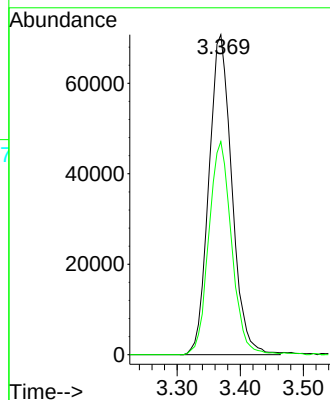
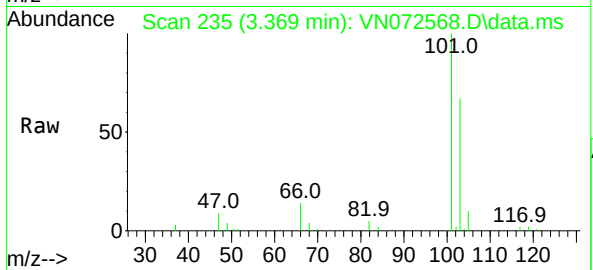




#7
Trichlorofluoromethane
Concen: 49.772 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.065 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

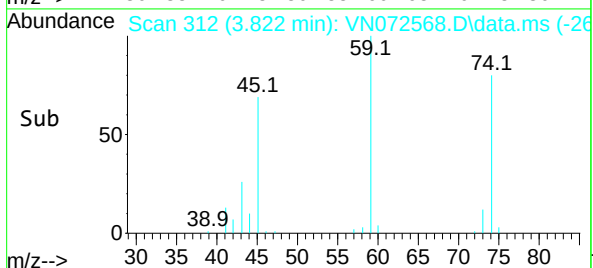
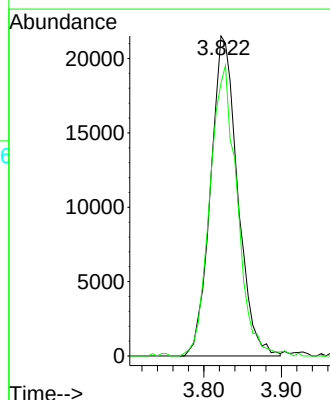
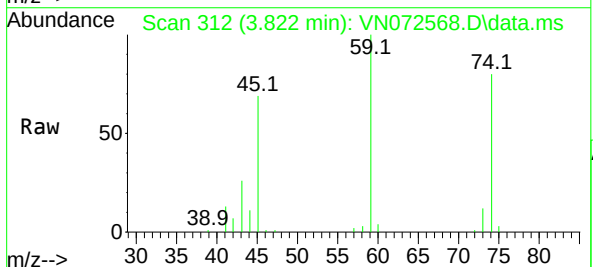
Instrument :
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VSTDCCC050

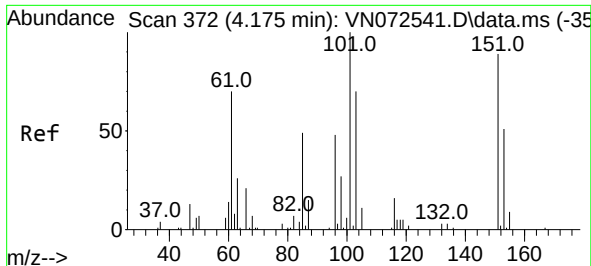
Tgt Ion:101 Resp: 178952
Ion Ratio Lower Upper
101 100
103 66.6 51.5 77.3



#8
Diethyl Ether
Concen: 48.810 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 74 Resp: 52115
Ion Ratio Lower Upper
74 100
45 91.6 42.9 128.5

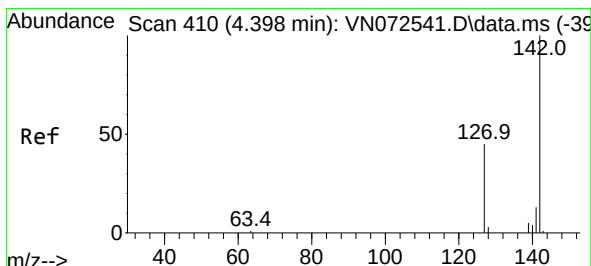
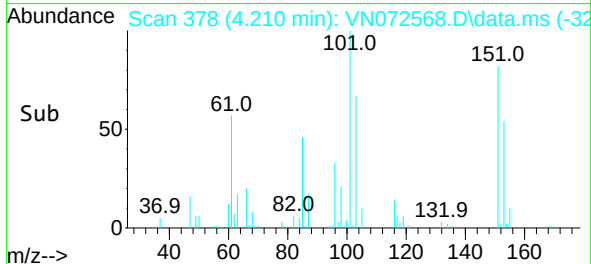
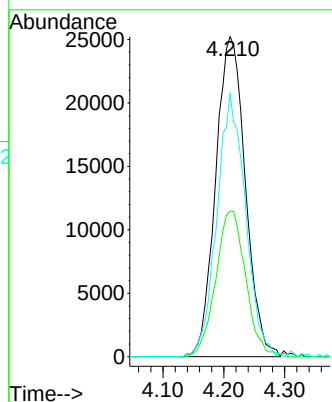
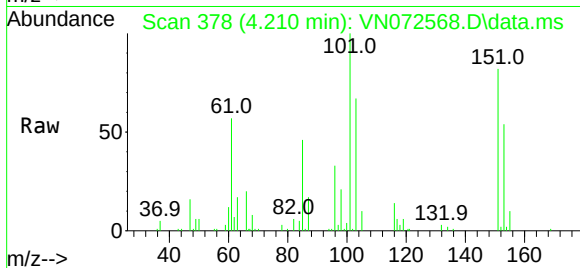




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.872 ug/l
 RT: 4.210 min Scan# 31
 Delta R.T. 0.035 min
 Lab File: VN072568.D
 Acq: 20 May 2022 10:57

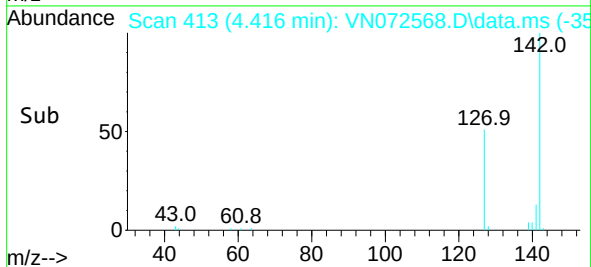
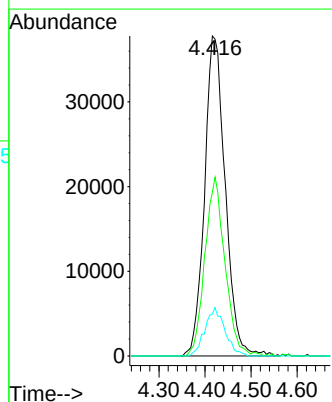
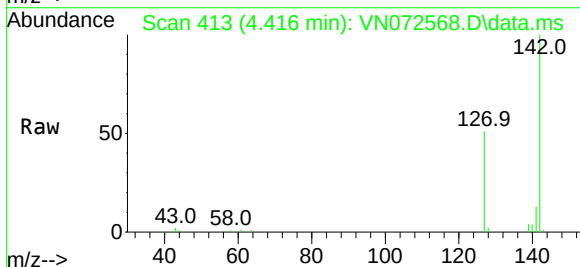
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

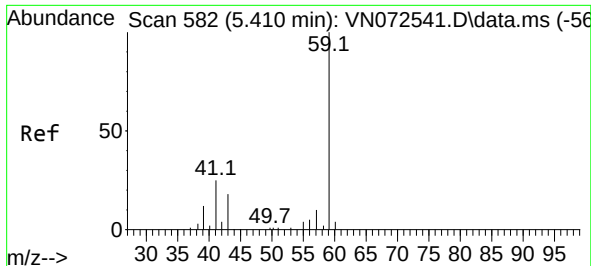
Tgt Ion:101 Resp: 85379
 Ion Ratio Lower Upper
 101 100
 85 45.9 34.7 52.1
 151 79.3 63.0 94.4



#10
 Methyl Iodide
 Concen: 53.916 ug/l
 RT: 4.416 min Scan# 413
 Delta R.T. 0.018 min
 Lab File: VN072568.D
 Acq: 20 May 2022 10:57

Tgt Ion:142 Resp: 117899
 Ion Ratio Lower Upper
 142 100
 127 54.0 31.3 46.9#
 141 14.6 11.2 16.8

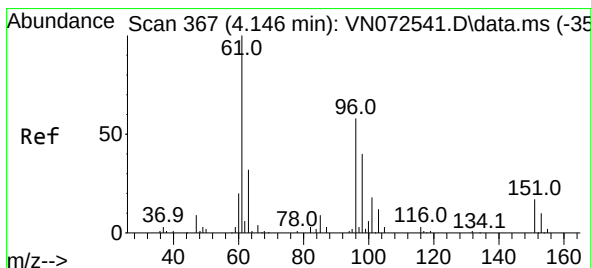
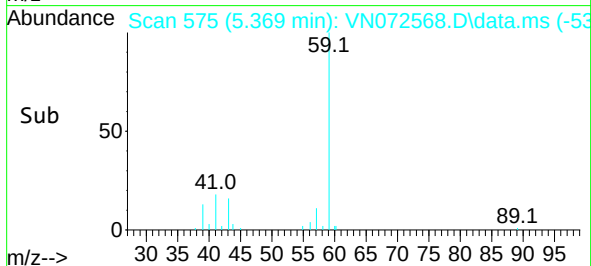
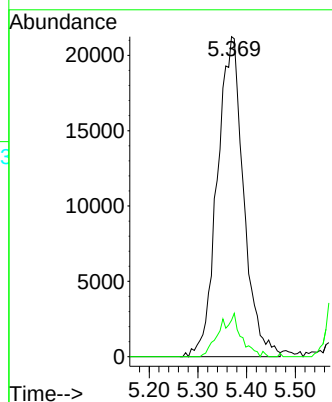
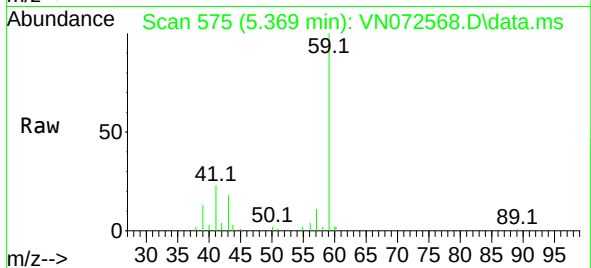




#11
Tert butyl alcohol
Concen: 304.645 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

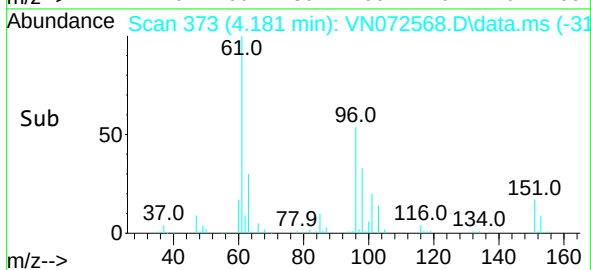
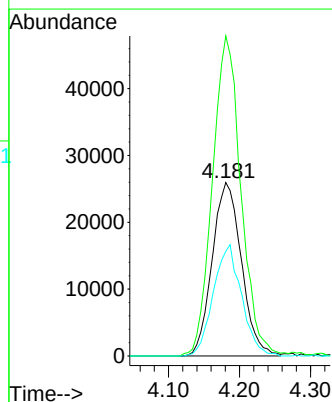
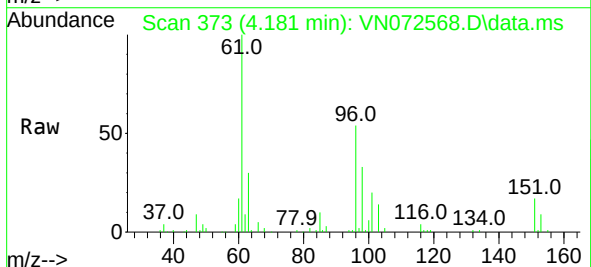
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

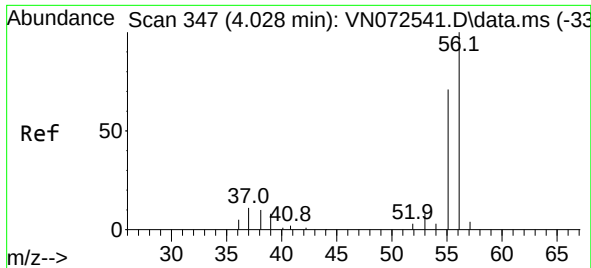
Tgt Ion: 59 Resp: 79853
Ion Ratio Lower Upper
59 100
57 5.5 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 49.231 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.035 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 96 Resp: 74090
Ion Ratio Lower Upper
96 100
61 184.5 127.6 191.4
98 60.3 51.2 76.8





#13

Acrolein

Concen: 249.650 ug/l

RT: 4.040 min Scan# 347

Delta R.T. 0.012 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

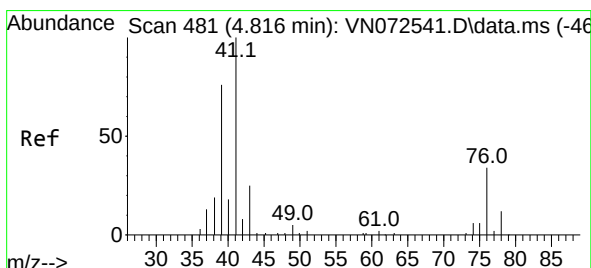
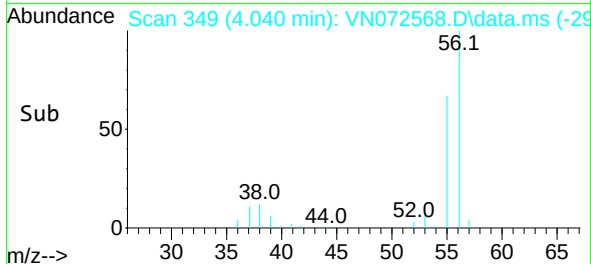
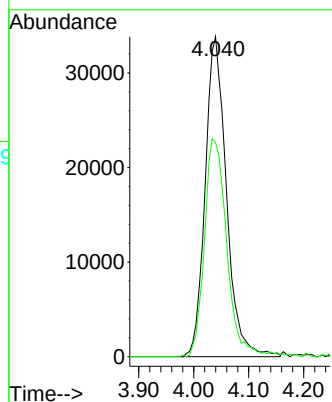
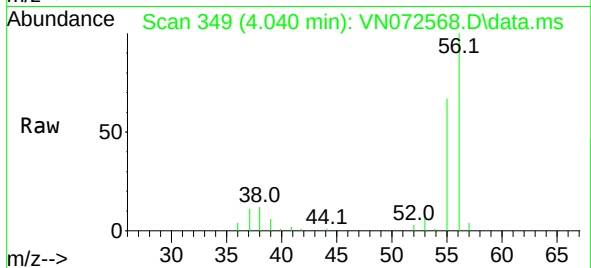
VSTDCCC050

Tgt Ion: 56 Resp: 90799

Ion Ratio Lower Upper

56 100

55 71.1 54.8 82.2



#14

Allyl chloride

Concen: 50.201 ug/l

RT: 4.840 min Scan# 485

Delta R.T. 0.024 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

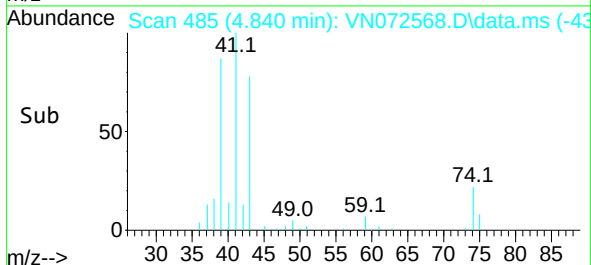
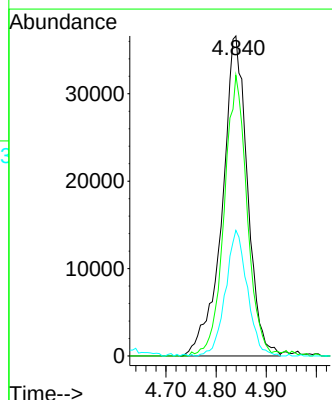
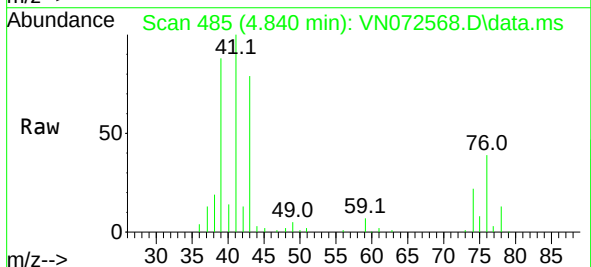
Tgt Ion: 41 Resp: 128504

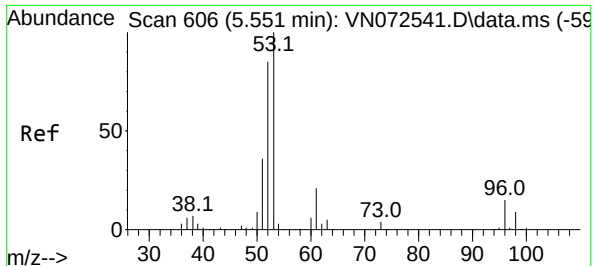
Ion Ratio Lower Upper

41 100

39 79.3 53.2 79.8

76 33.8 29.9 44.9

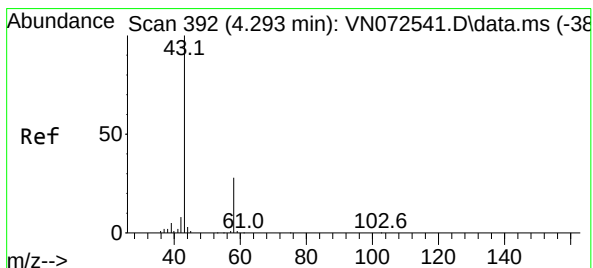
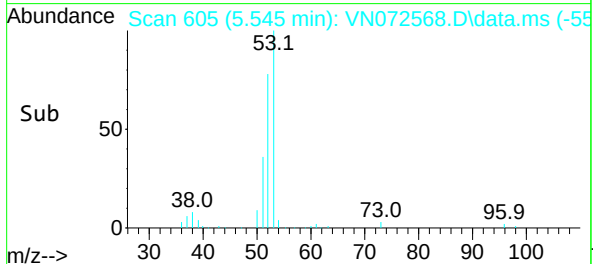
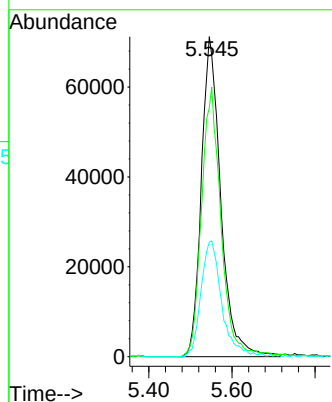
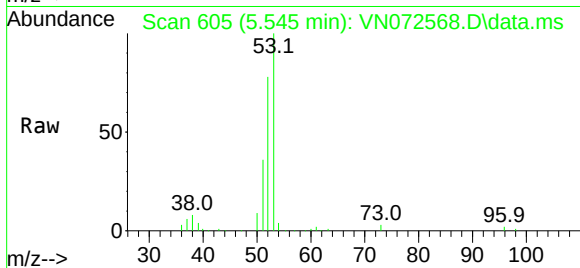




#15
Acrylonitrile
Concen: 228.025 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

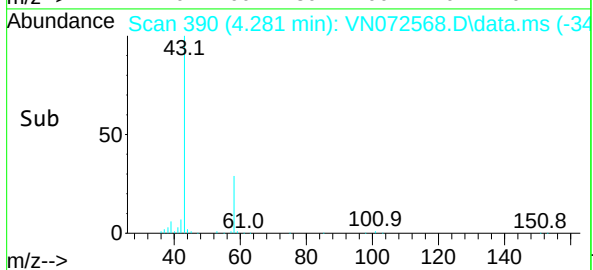
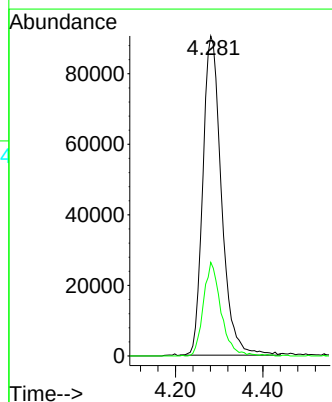
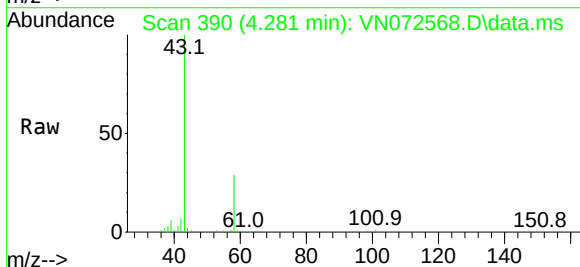
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

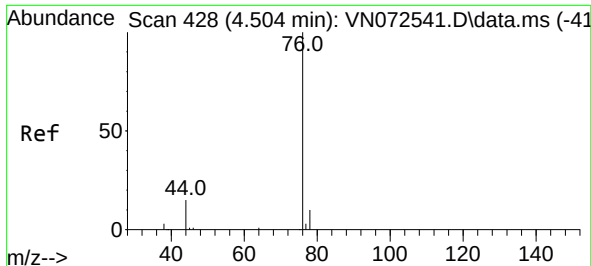
Tgt Ion: 53 Resp: 230816
Ion Ratio Lower Upper
53 100
52 83.6 66.4 99.6
51 38.1 28.5 42.7



#16
Acetone
Concen: 308.863 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.012 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 43 Resp: 268271
Ion Ratio Lower Upper
43 100
58 29.3 26.0 39.0





#17

Carbon Disulfide

Concen: 48.159 ug/l

RT: 4.528 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

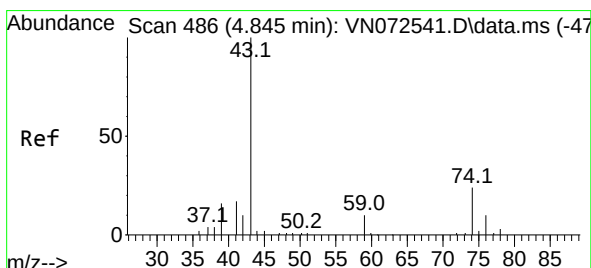
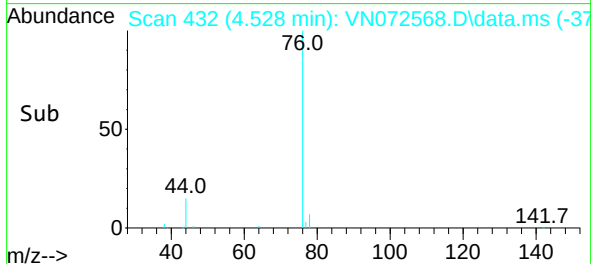
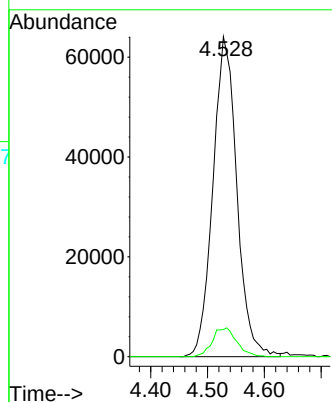
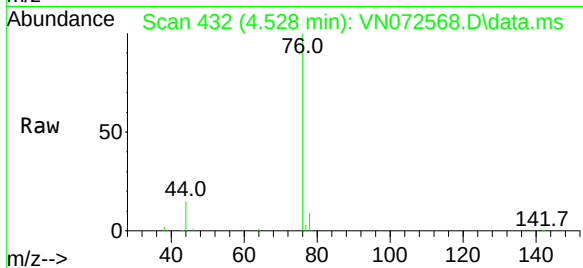
VSTDCCC050

Tgt Ion: 76 Resp: 187691

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8



#18

Methyl Acetate

Concen: 46.117 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.006 min

Lab File: VN072568.D

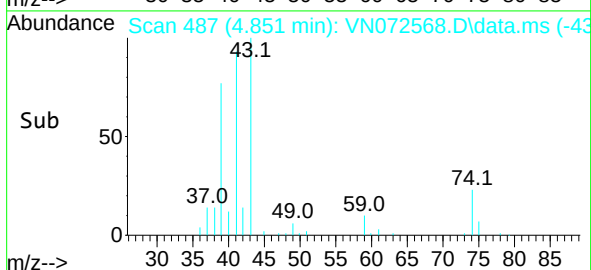
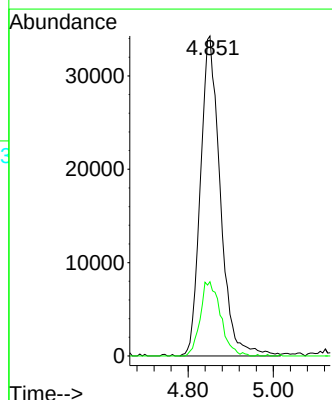
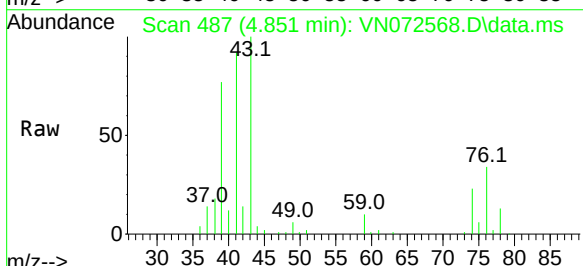
Acq: 20 May 2022 10:57

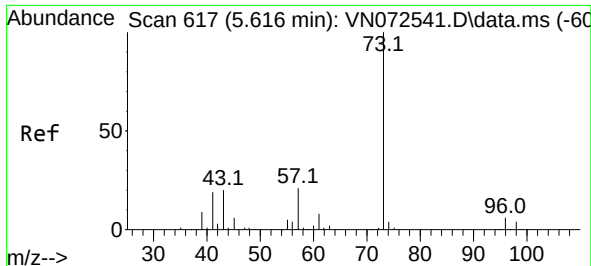
Tgt Ion: 43 Resp: 110992

Ion Ratio Lower Upper

43 100

74 23.9 21.6 32.4

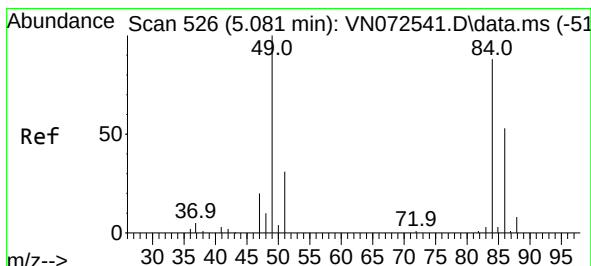
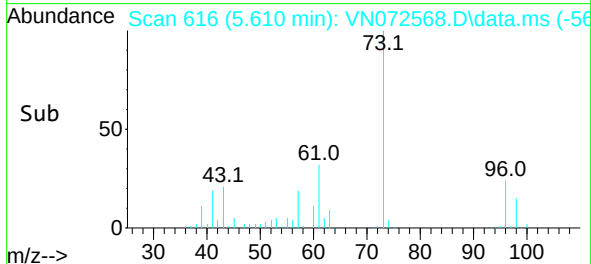
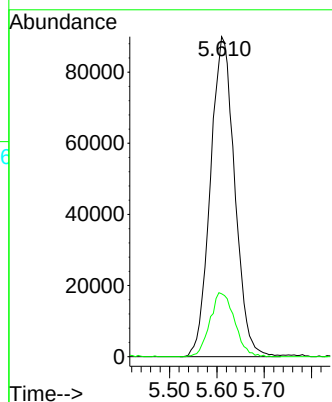
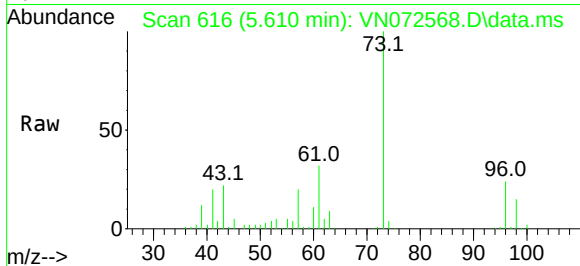




#19
Methyl tert-butyl Ether
Concen: 51.619 ug/l
RT: 5.610 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

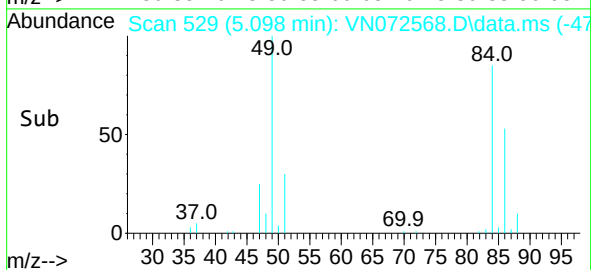
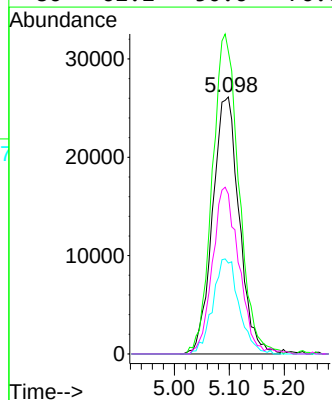
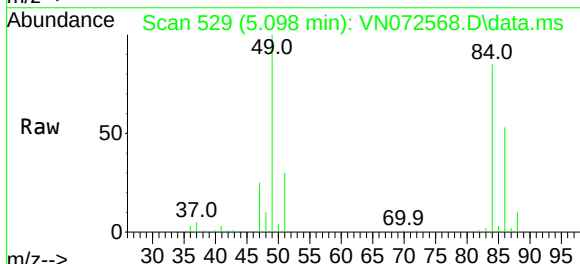
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

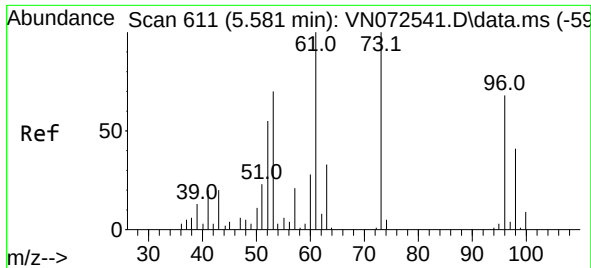
Tgt Ion: 73 Resp: 320810
Ion Ratio Lower Upper
73 100
57 19.7 17.6 26.4



#20
Methylene Chloride
Concen: 42.628 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.017 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 84 Resp: 87904
Ion Ratio Lower Upper
84 100
49 117.7 88.3 132.5
51 35.4 28.2 42.2
86 62.2 50.6 76.0

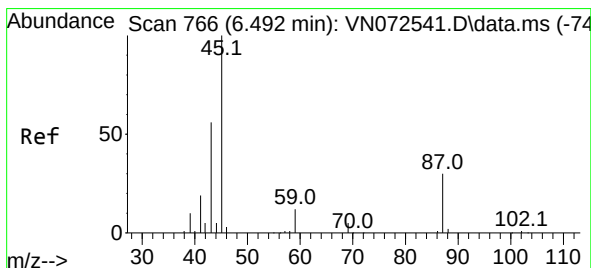
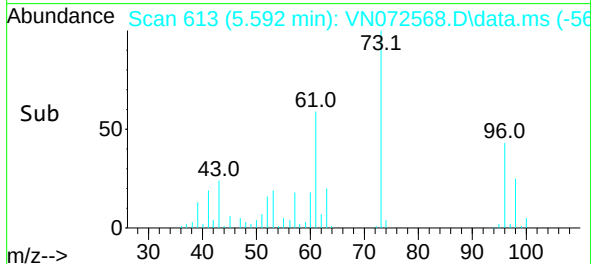
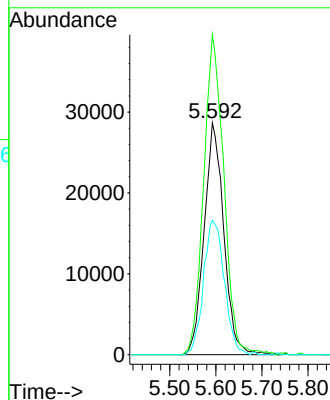
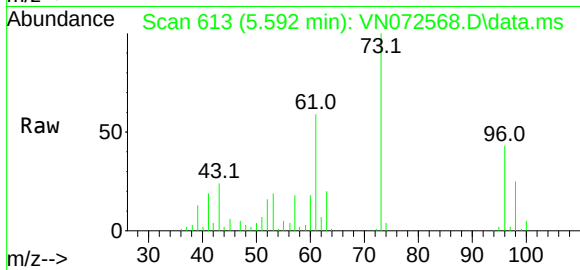




#21
trans-1,2-Dichloroethene
Concen: 50.525 ug/l
RT: 5.592 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

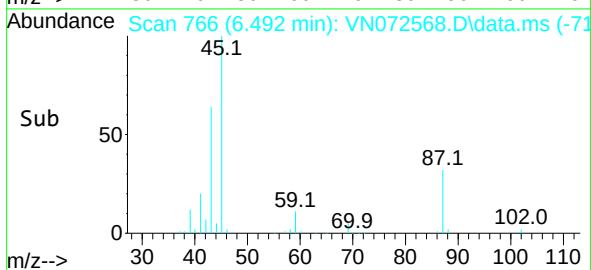
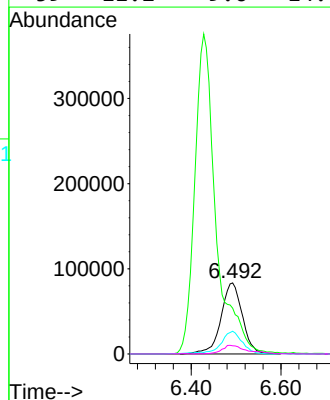
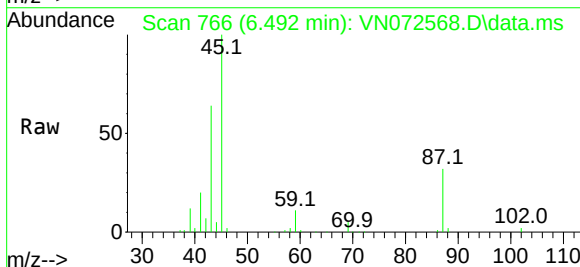
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

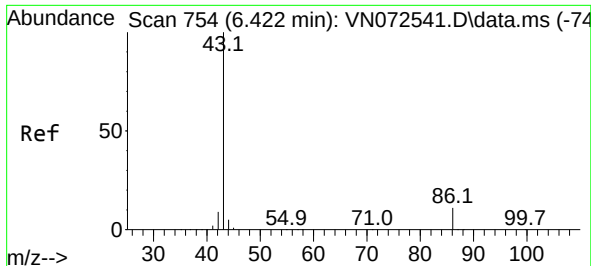
Tgt Ion: 96 Resp: 85211
Ion Ratio Lower Upper
96 100
61 138.0 105.8 158.8
98 58.0 50.3 75.5



#22
Diisopropyl ether
Concen: 49.047 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 45 Resp: 276460
Ion Ratio Lower Upper
45 100
43 62.9 46.6 70.0
87 31.5 24.3 36.5
59 11.2 9.6 14.4

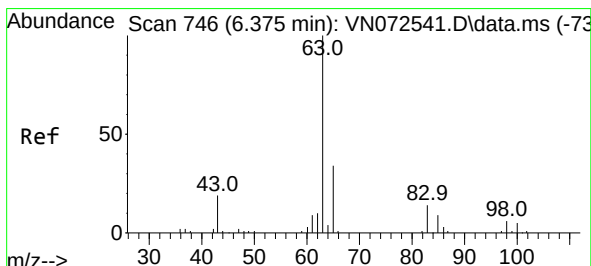
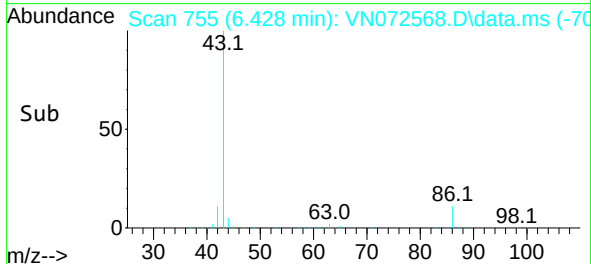
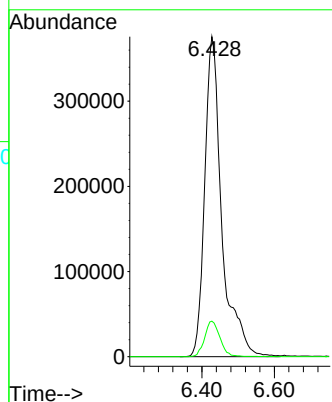
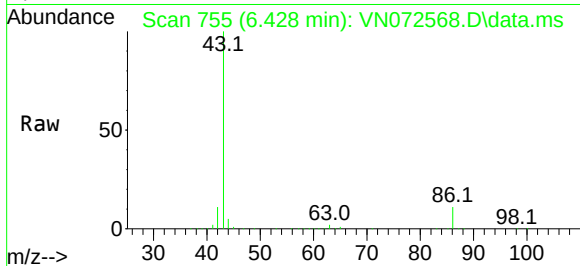




#23
 Vinyl Acetate
 Concen: 252.461 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.006 min
 Lab File: VN072568.D
 Acq: 20 May 2022 10:57

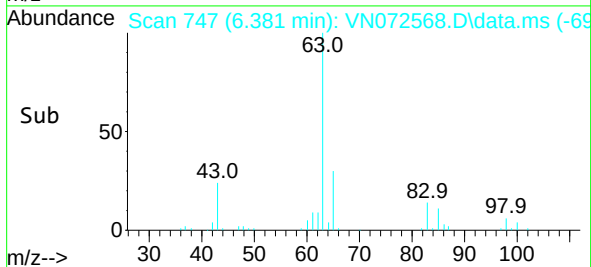
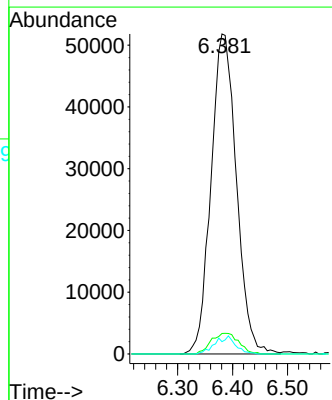
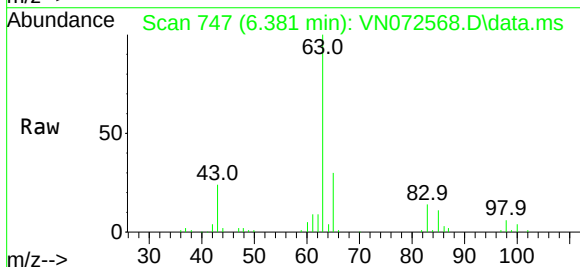
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

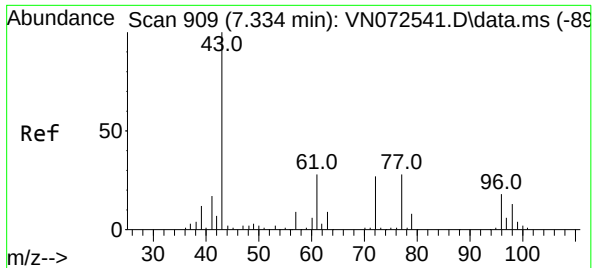
Tgt Ion: 43 Resp: 1230351
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 48.594 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.006 min
 Lab File: VN072568.D
 Acq: 20 May 2022 10:57

Tgt Ion: 63 Resp: 166585
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 3.9 2.3 6.8

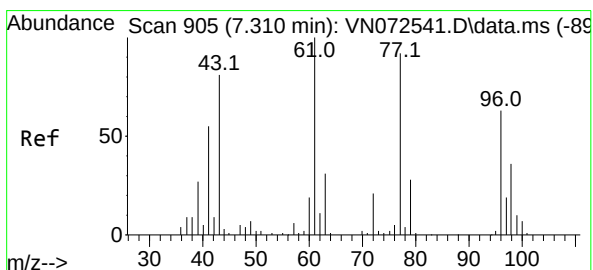
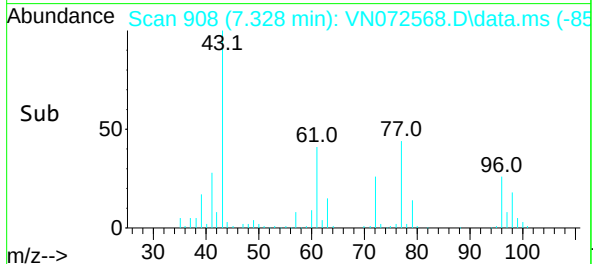
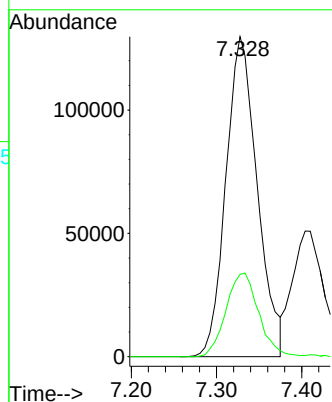
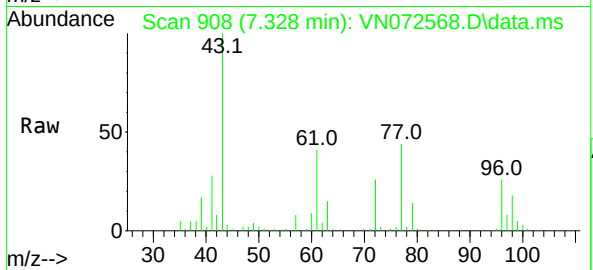




#25
2-Butanone
Concen: 243.352 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

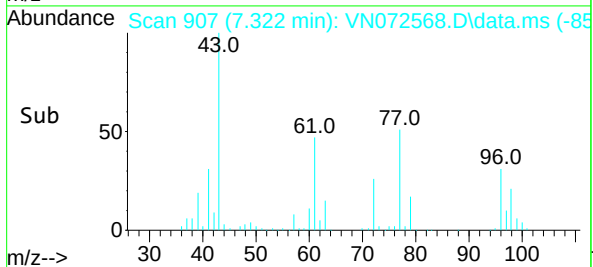
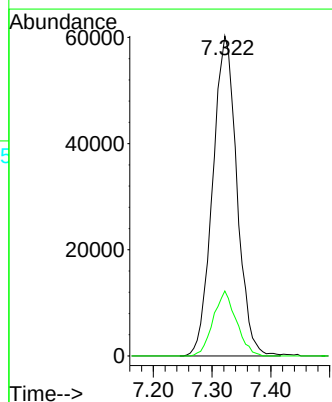
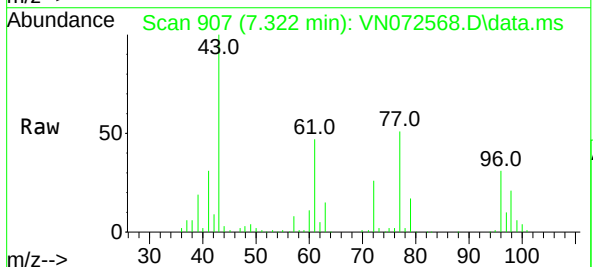
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

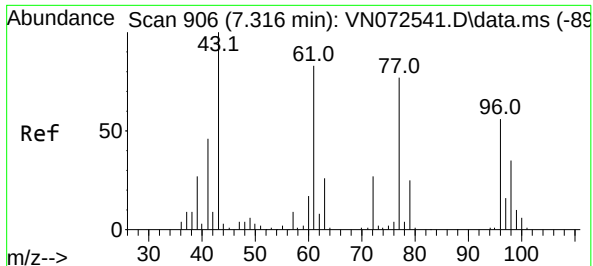
Tgt Ion: 43 Resp: 332348
Ion Ratio Lower Upper
43 100
72 25.7 23.7 35.5



#26
2,2-Dichloropropane
Concen: 54.312 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.012 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 77 Resp: 172718
Ion Ratio Lower Upper
77 100
97 19.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 47.946 ug/l

RT: 7.322 min Scan# 906

Delta R.T. 0.006 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

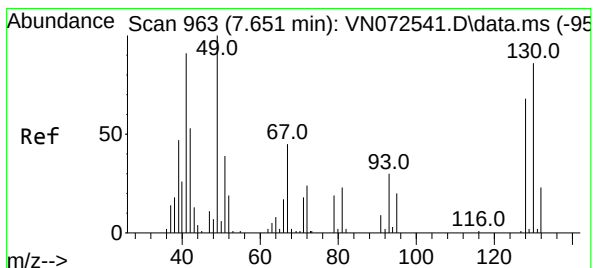
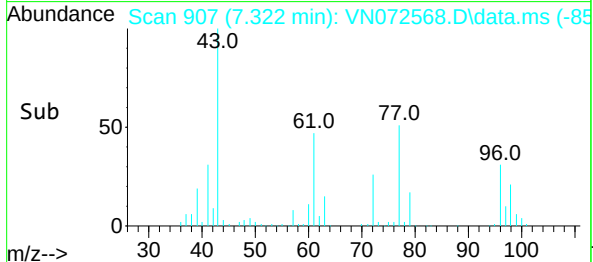
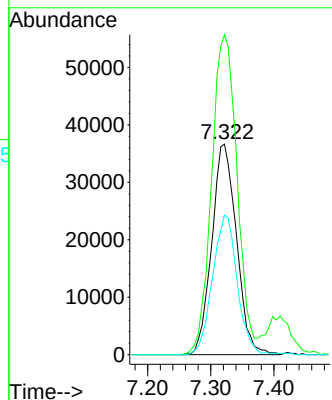
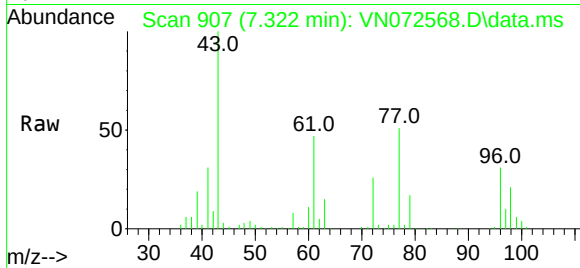
Tgt Ion: 96 Resp: 99583

Ion Ratio Lower Upper

96 100

61 156.9 0.0 280.6

98 66.2 0.0 128.4



#28

Bromochloromethane

Concen: 49.742 ug/l

RT: 7.651 min Scan# 963

Delta R.T. 0.000 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

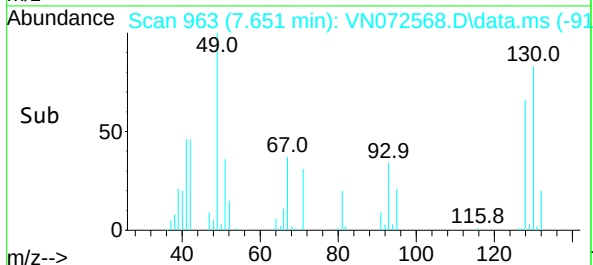
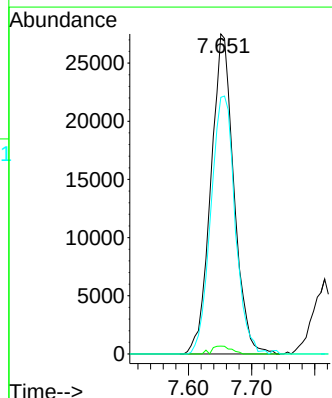
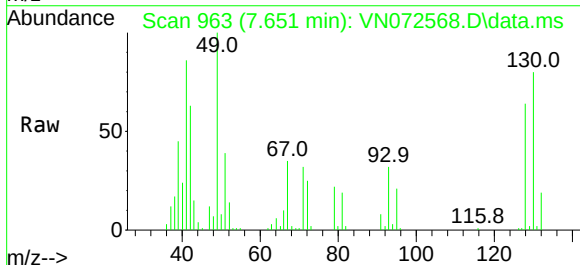
Tgt Ion: 49 Resp: 69705

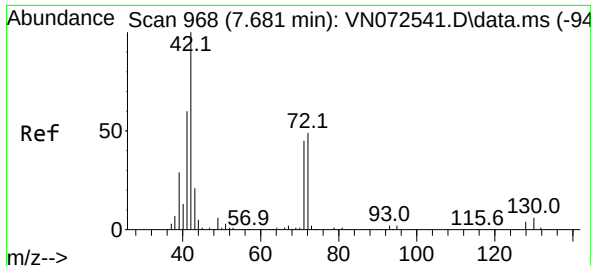
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 84.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 245.869 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

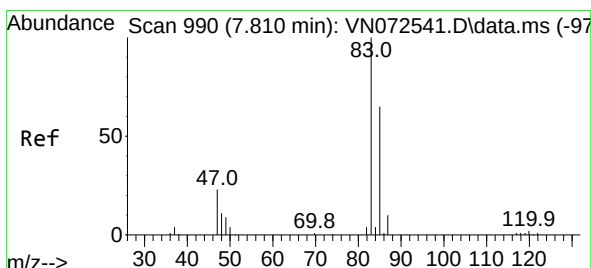
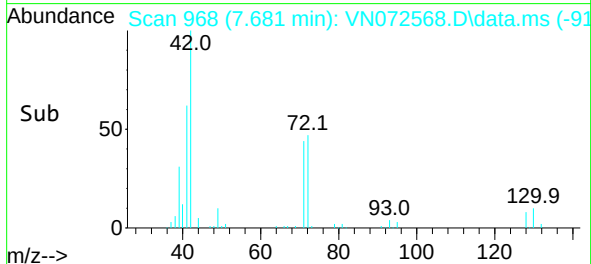
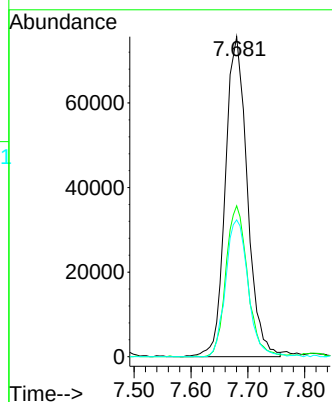
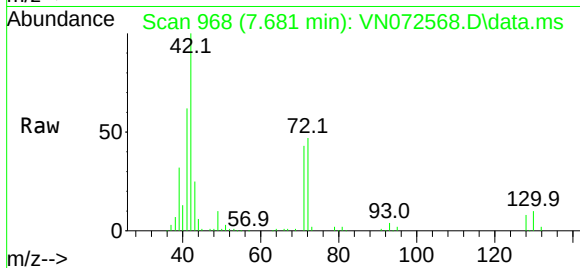
Tgt Ion: 42 Resp: 203205

Ion Ratio Lower Upper

42 100

72 46.7 39.7 59.5

71 43.6 36.6 55.0



#30

Chloroform

Concen: 49.786 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN072568.D

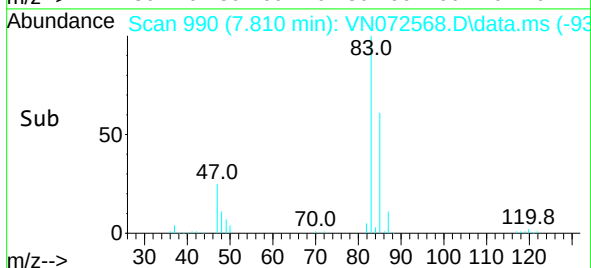
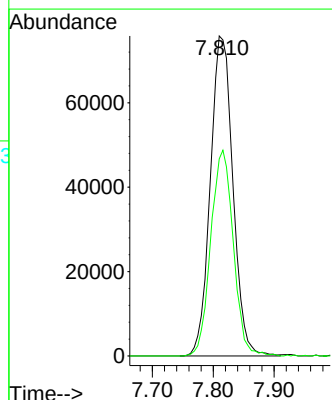
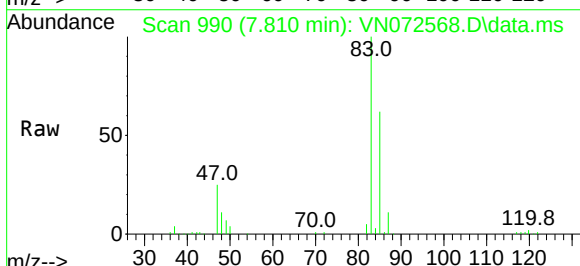
Acq: 20 May 2022 10:57

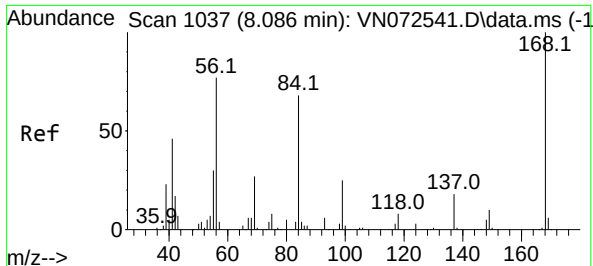
Tgt Ion: 83 Resp: 195326

Ion Ratio Lower Upper

83 100

85 61.6 51.8 77.8





#31

Cyclohexane

Concen: 44.183 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

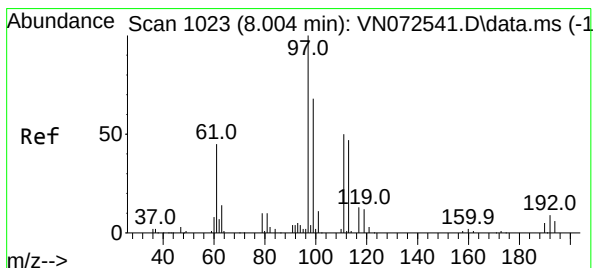
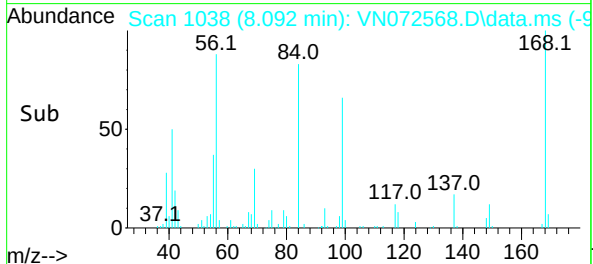
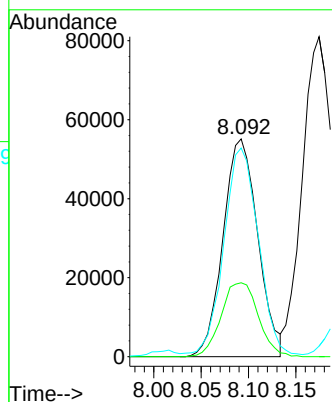
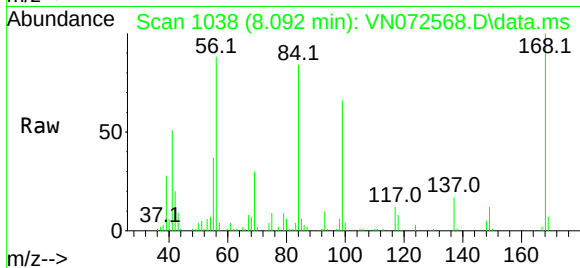
Tgt Ion: 56 Resp: 140721

Ion Ratio Lower Upper

56 100

69 33.9 27.8 41.8

84 94.4 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 52.652 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

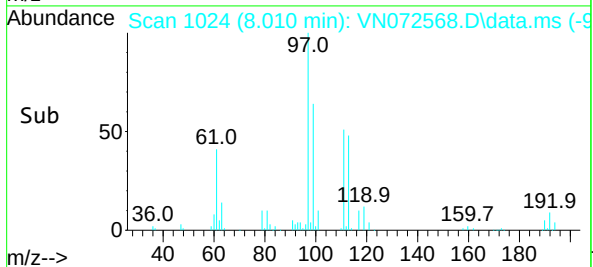
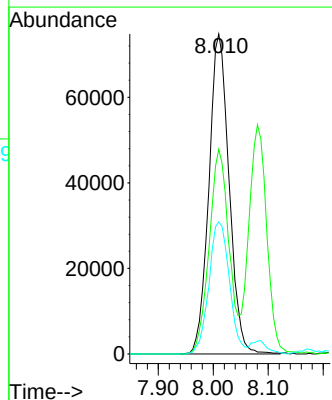
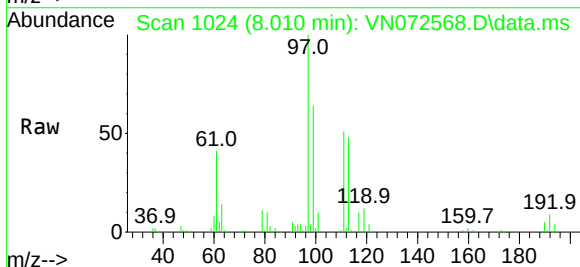
Tgt Ion: 97 Resp: 190613

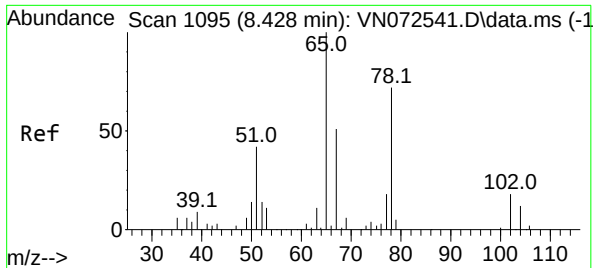
Ion Ratio Lower Upper

97 100

99 62.2 50.6 76.0

61 42.2 36.0 54.0

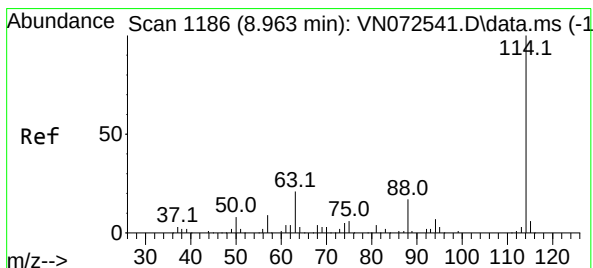
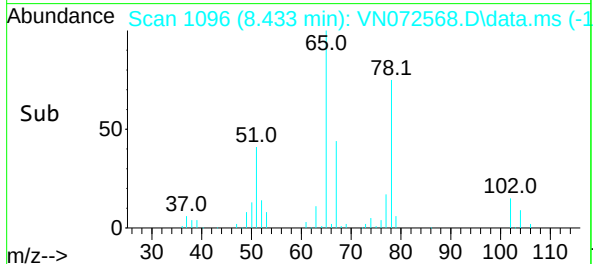
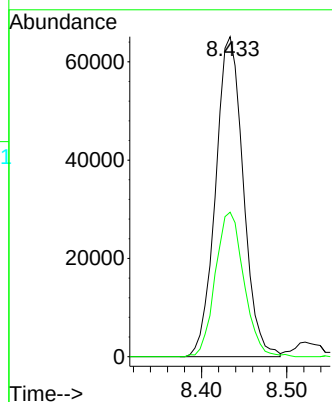
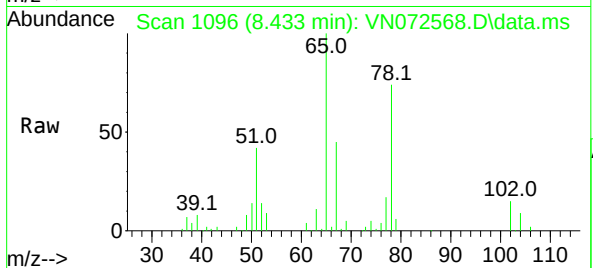




#33
 1,2-Dichloroethane-d4
 Concen: 51.254 ug/l
 RT: 8.433 min Scan# 1096
 Delta R.T. 0.005 min
 Lab File: VN072568.D
 Acq: 20 May 2022 10:57

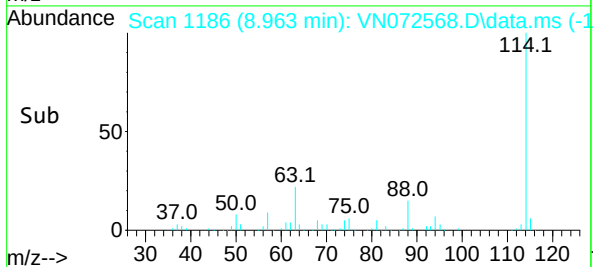
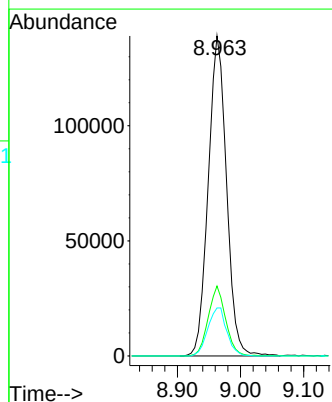
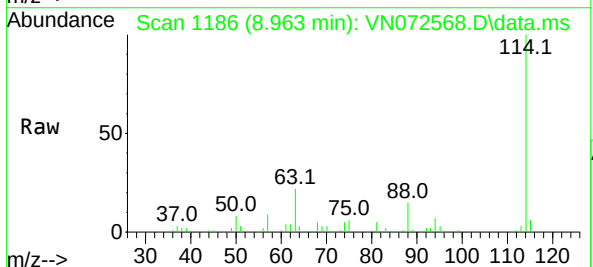
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

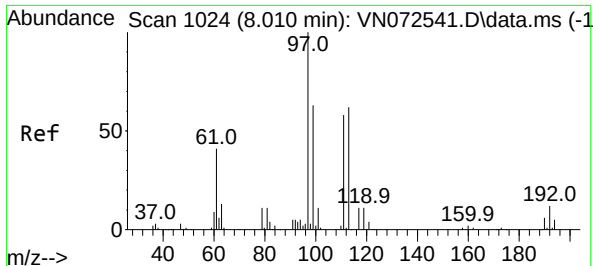
Tgt Ion: 65 Resp: 146864
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: VN072568.D
 Acq: 20 May 2022 10:57

Tgt Ion: 114 Resp: 279395
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 40.0
 88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.965 ug/l

RT: 8.016 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

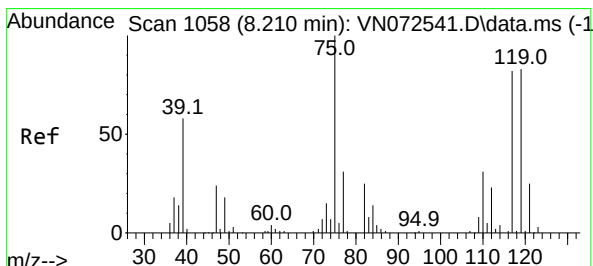
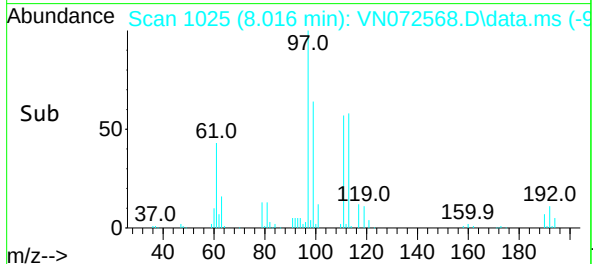
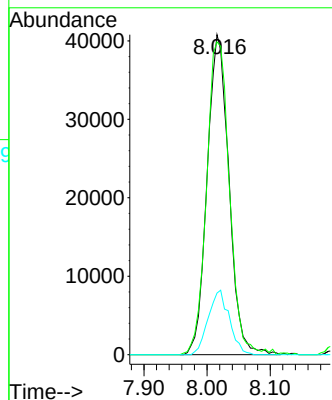
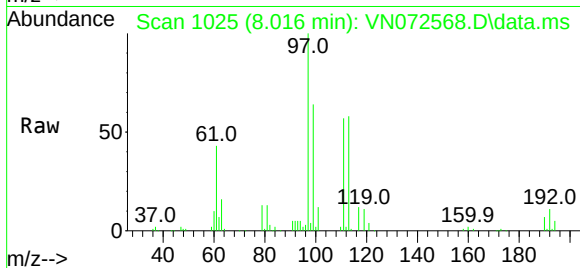
Tgt Ion:113 Resp: 97963

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 19.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 51.428 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. 0.012 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

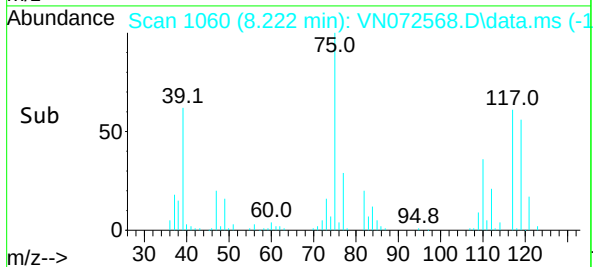
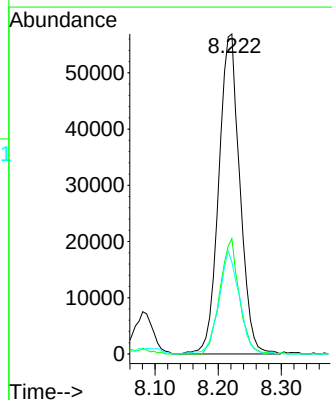
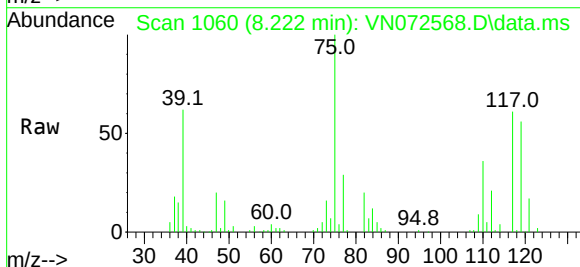
Tgt Ion: 75 Resp: 131987

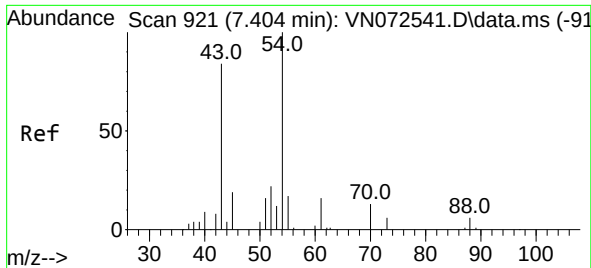
Ion Ratio Lower Upper

75 100

110 33.2 18.3 54.8

77 31.1 25.1 37.7

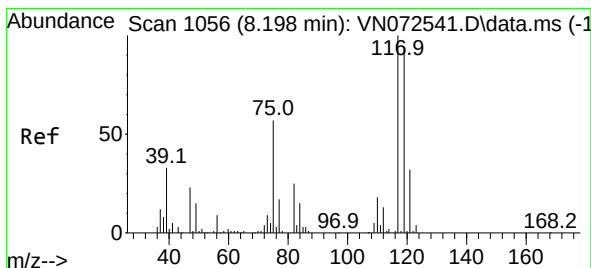
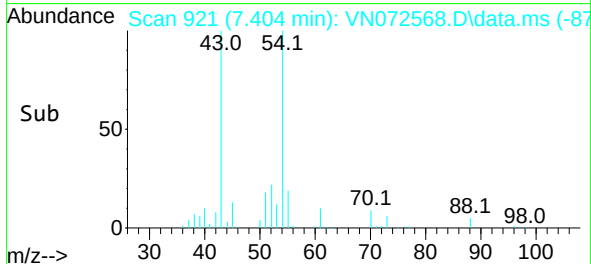
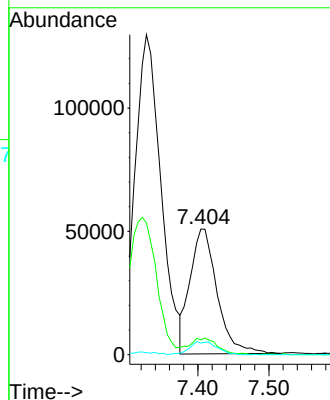
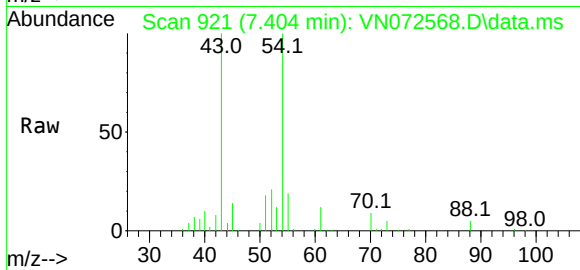




#37
Ethyl Acetate
Concen: 47.770 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

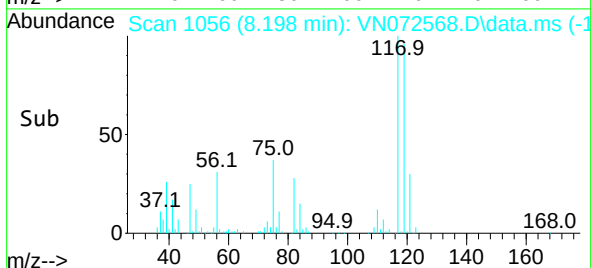
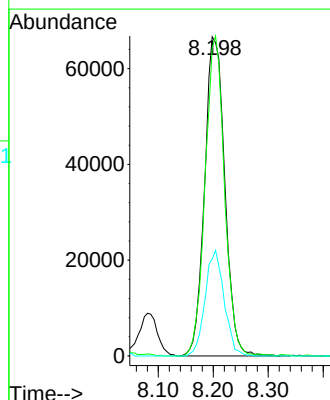
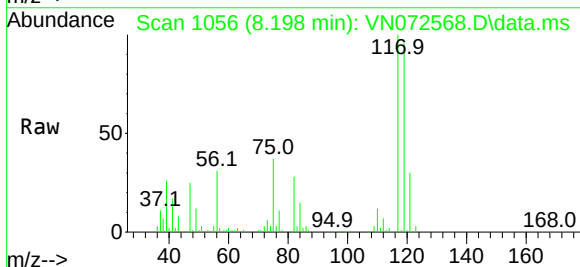
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

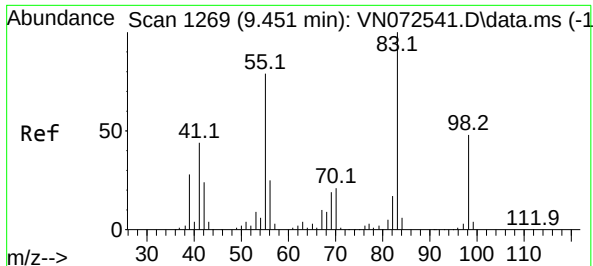
Tgt Ion: 43 Resp: 134725
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 10.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 53.615 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 117 Resp: 170310
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
121 30.4 24.6 37.0

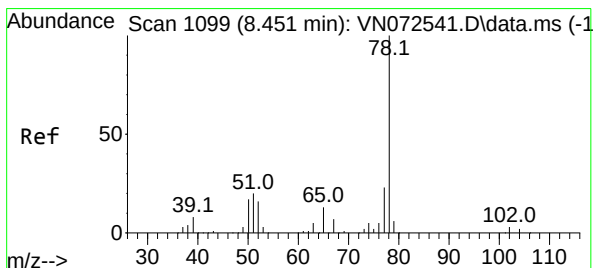
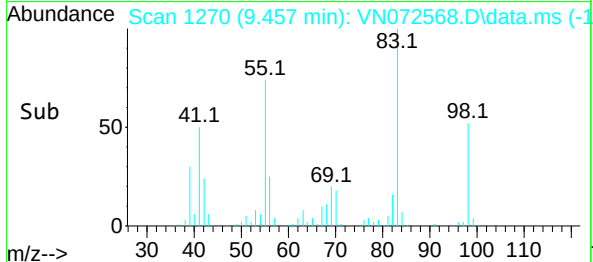
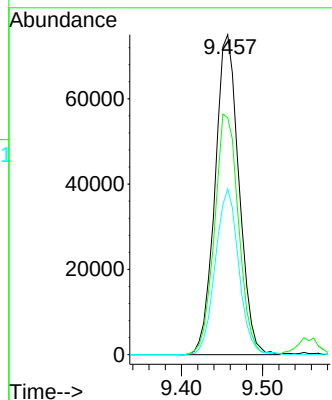
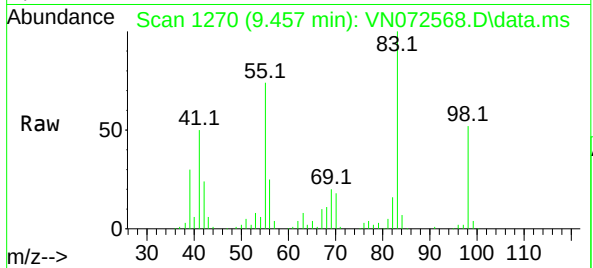




#39
Methylcyclohexane
Concen: 51.258 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

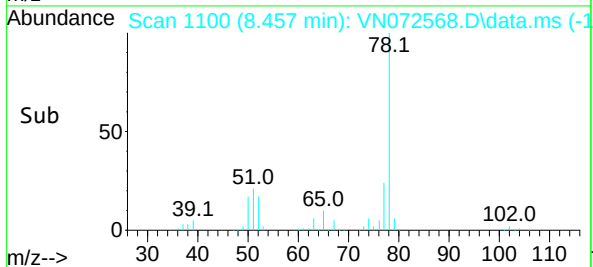
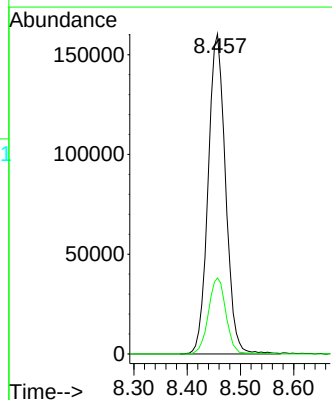
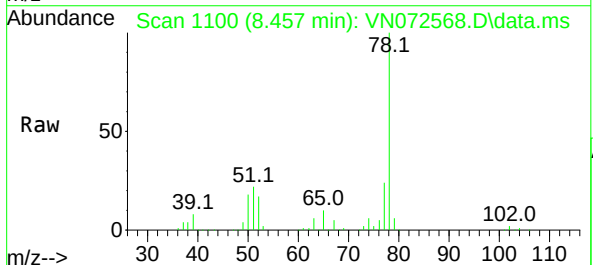
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

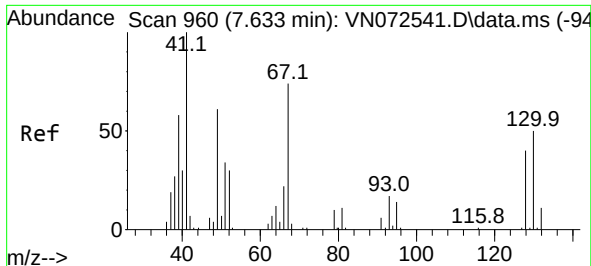
Tgt Ion: 83 Resp: 153531
Ion Ratio Lower Upper
83 100
55 74.0 57.8 86.8
98 51.8 39.4 59.2



#40
Benzene
Concen: 48.440 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 78 Resp: 363259
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0



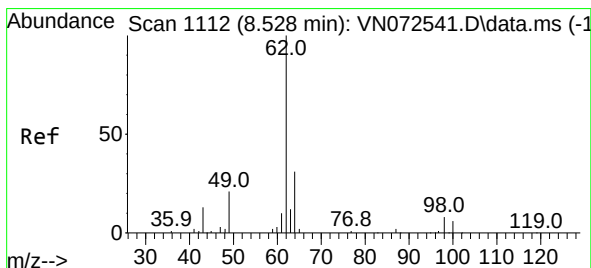
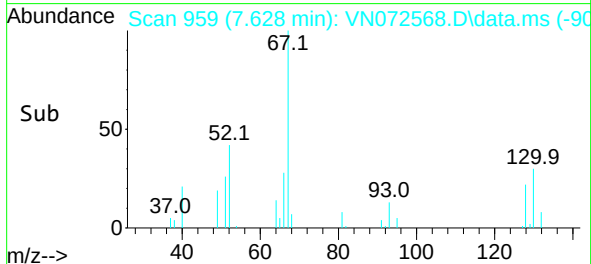
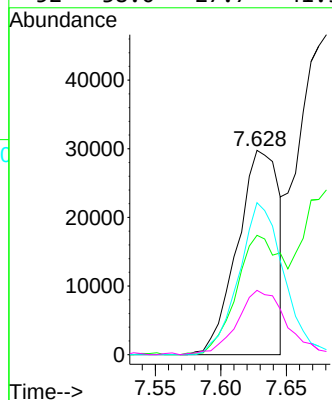
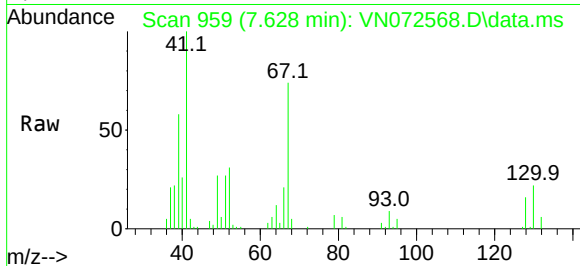


#41
Methacrylonitrile
Concen: 48.281 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 65322

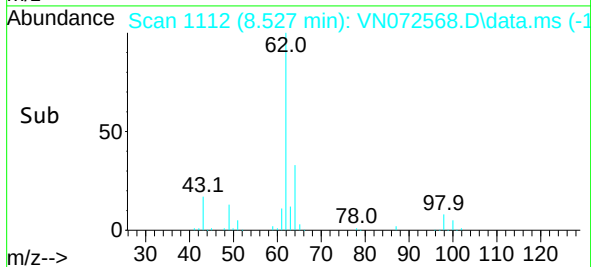
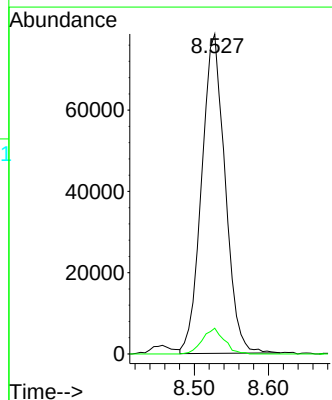
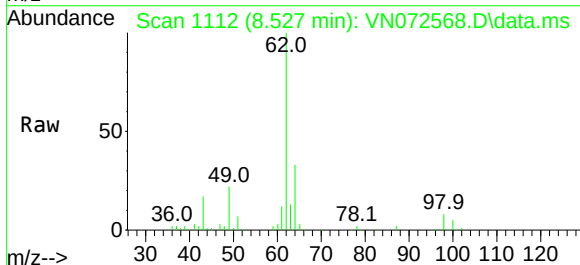
Ion	Ratio	Lower	Upper
41	100		
39	65.9	48.6	73.0
67	82.1	73.4	110.2
52	38.0	27.7	41.5

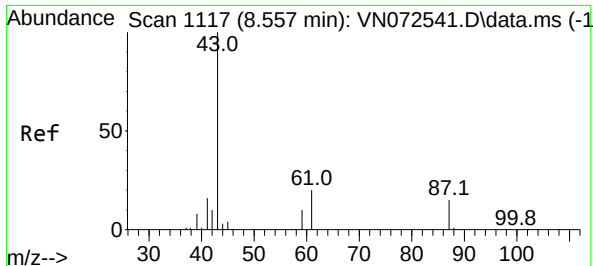


#42
1,2-Dichloroethane
Concen: 49.607 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 62 Resp: 172624

Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	19.4

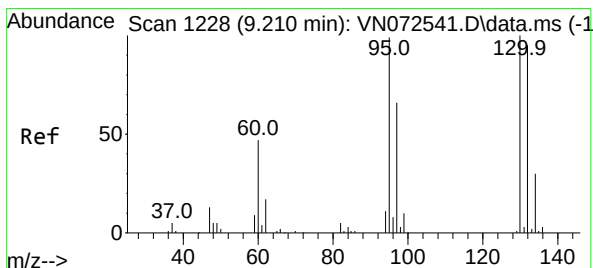
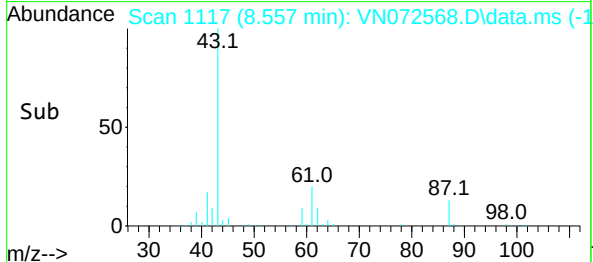
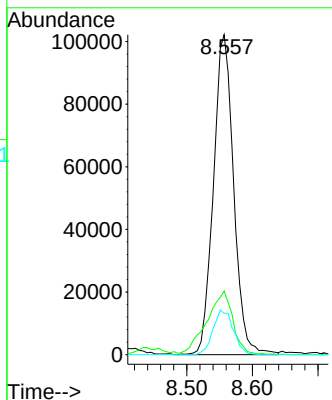
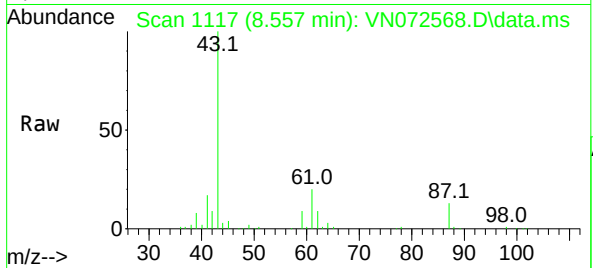




#43
Isopropyl Acetate
Concen: 48.216 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

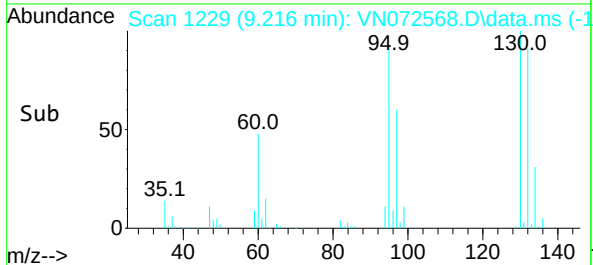
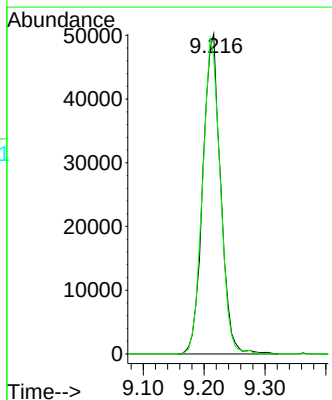
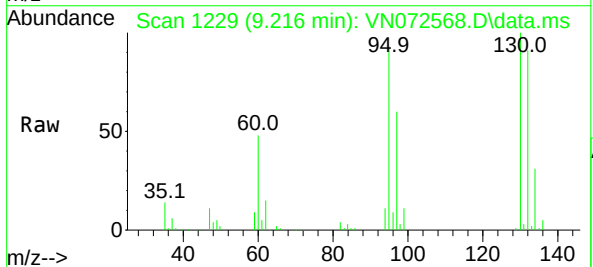
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

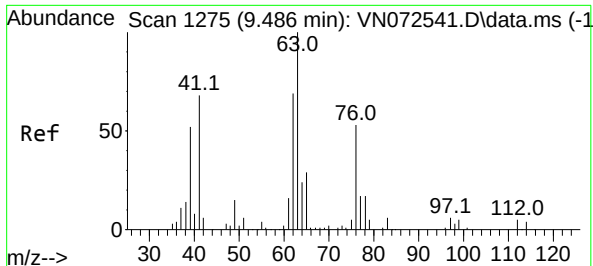
Tgt Ion: 43 Resp: 218673
Ion Ratio Lower Upper
43 100
61 25.9 21.9 32.9
87 14.0 12.0 18.0



#44
Trichloroethene
Concen: 49.989 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion:130 Resp: 101914
Ion Ratio Lower Upper
130 100
95 92.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 50.799 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

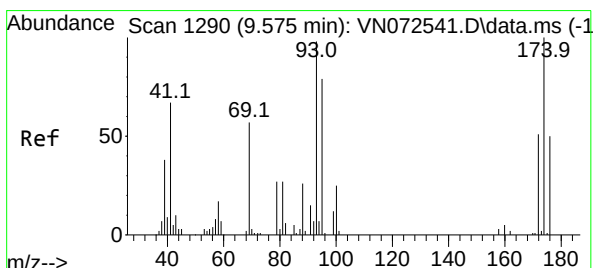
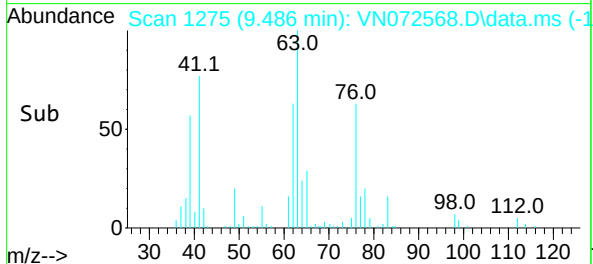
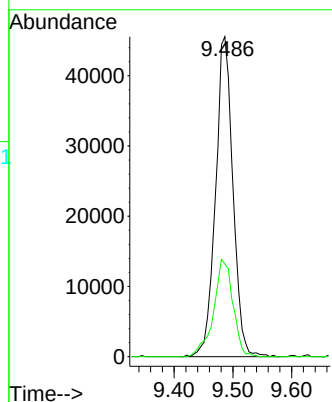
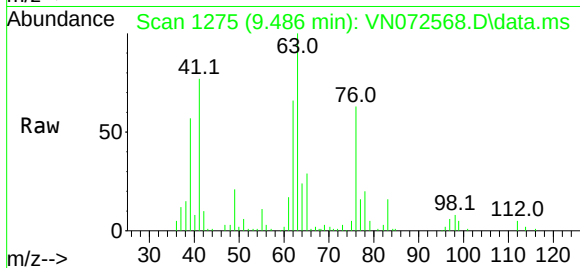
VSTDCCC050

Tgt Ion: 63 Resp: 93643

Ion Ratio Lower Upper

63 100

65 28.9 24.9 37.3



#46

Dibromomethane

Concen: 51.348 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.001 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

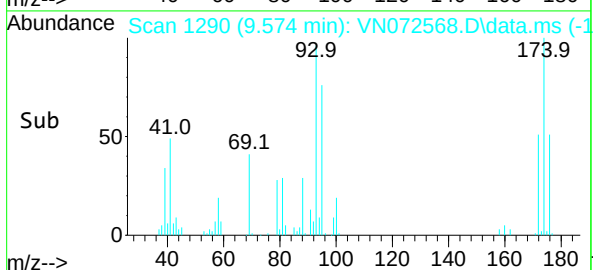
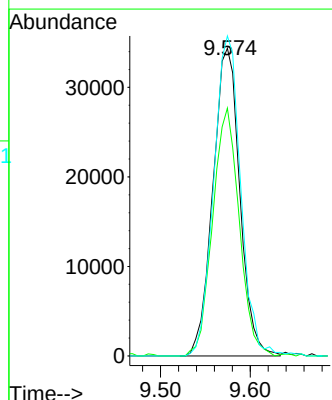
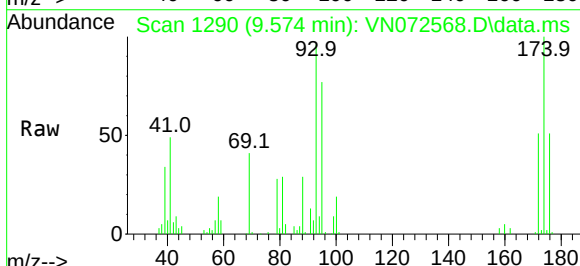
Tgt Ion: 93 Resp: 71558

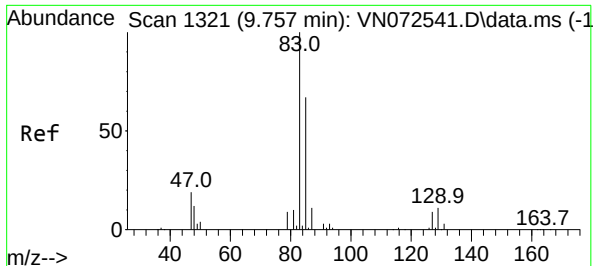
Ion Ratio Lower Upper

93 100

95 79.4 66.9 100.3

174 104.3 86.6 130.0

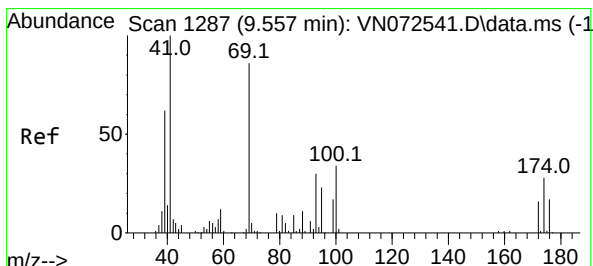
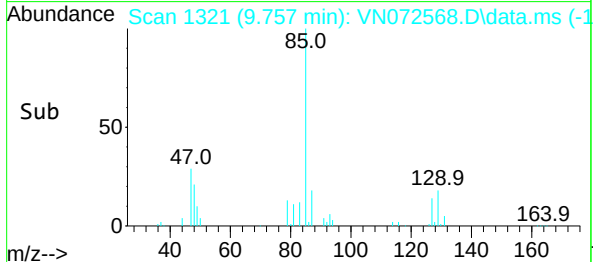
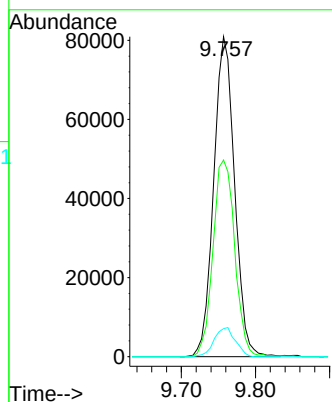
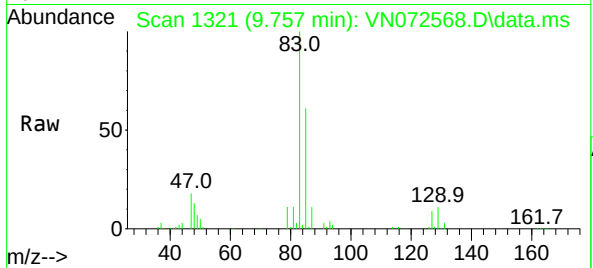




#47
Bromodichloromethane
Concen: 54.555 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

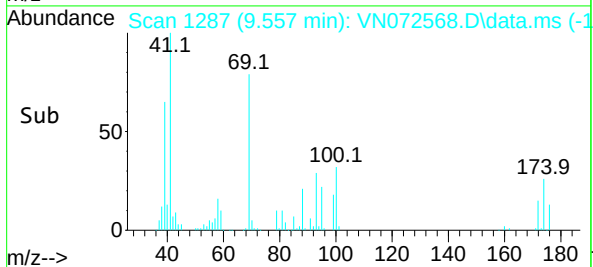
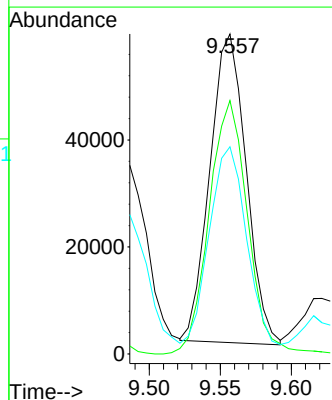
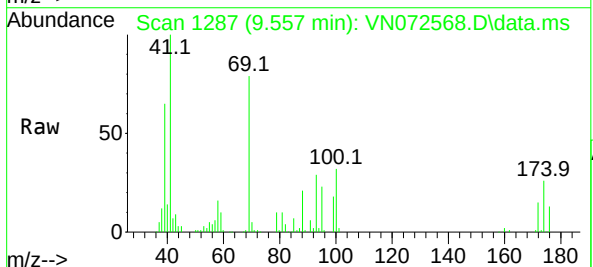
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

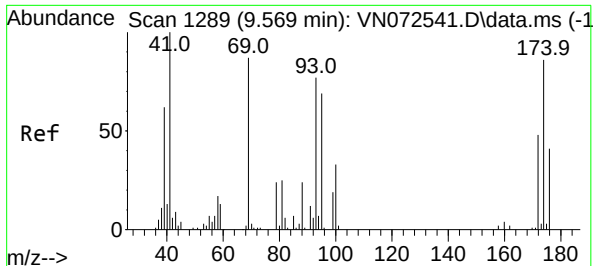
Tgt Ion: 83 Resp: 158446
Ion Ratio Lower Upper
83 100
85 61.5 50.5 75.7
127 8.8 6.8 10.2



#48
Methyl methacrylate
Concen: 47.484 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 41 Resp: 102540
Ion Ratio Lower Upper
41 100
69 87.2 74.7 112.1
39 71.3 45.6 68.4#





#49

1,4-Dioxane

Concen: 1598.008 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

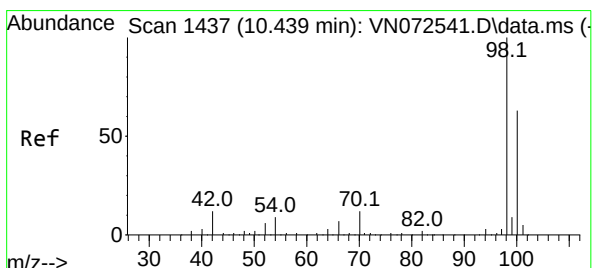
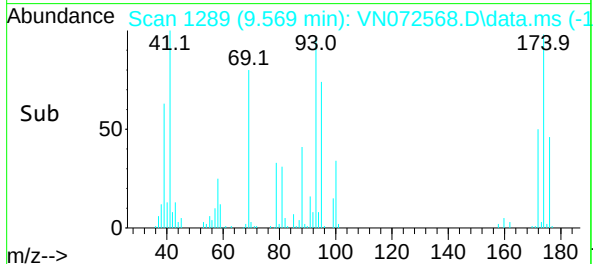
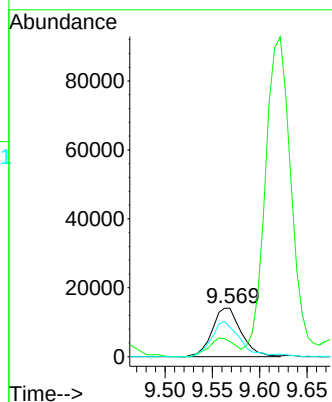
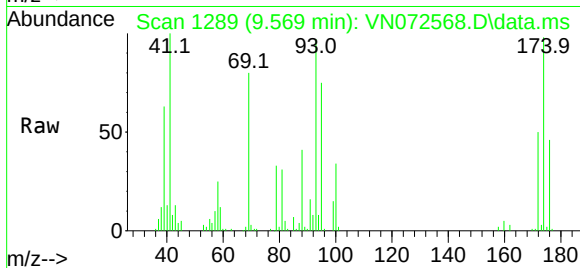
Tgt Ion: 88 Resp: 30042

Ion Ratio Lower Upper

88 100

43 34.7 20.2 30.4#

58 73.3 54.2 81.4



#50

Toluene-d8

Concen: 55.057 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072568.D

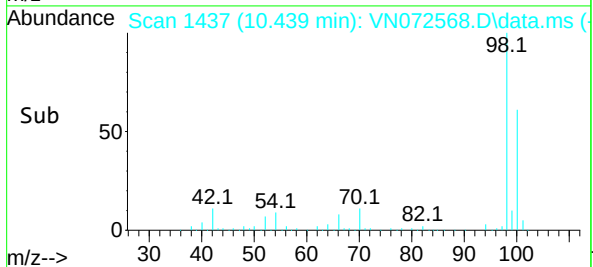
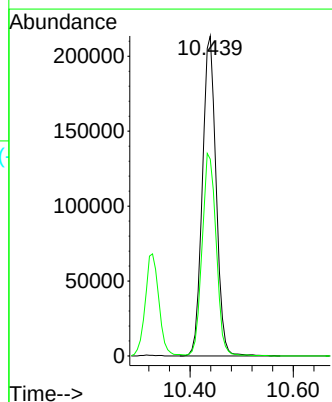
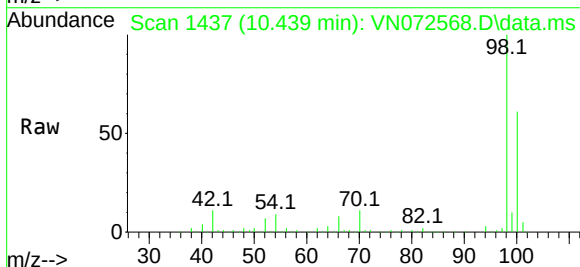
Acq: 20 May 2022 10:57

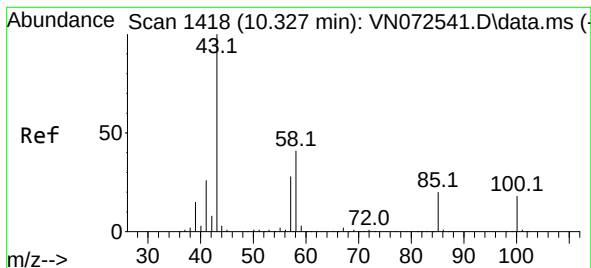
Tgt Ion: 98 Resp: 392872

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8

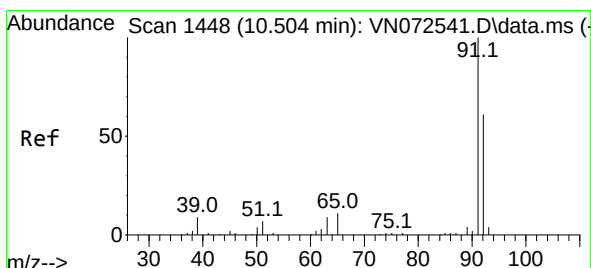
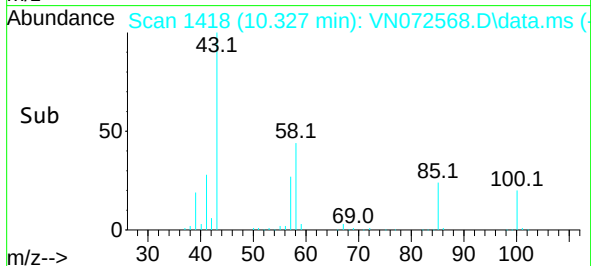
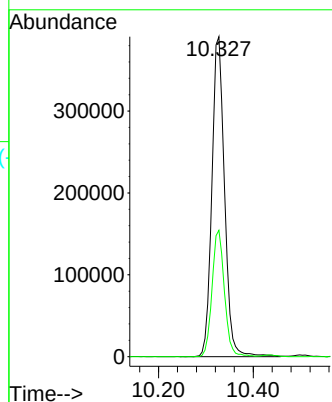
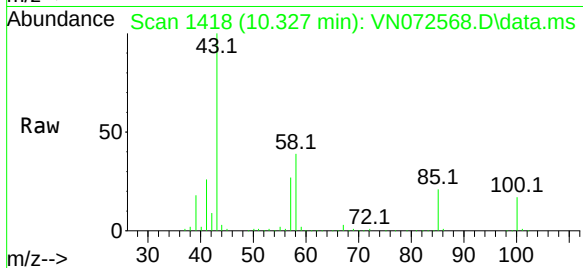




#51
4-Methyl-2-Pentanone
Concen: 242.705 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

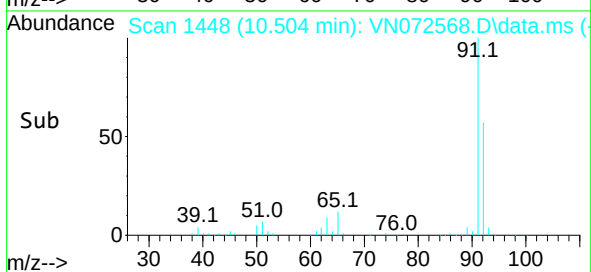
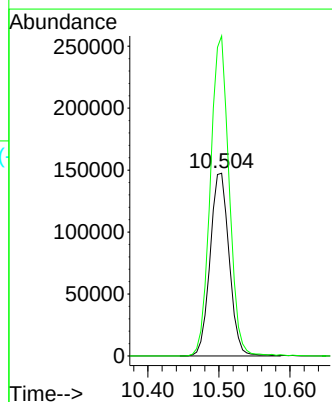
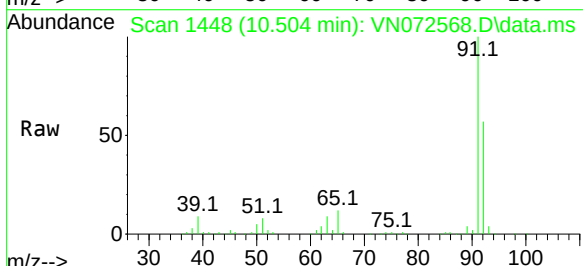
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

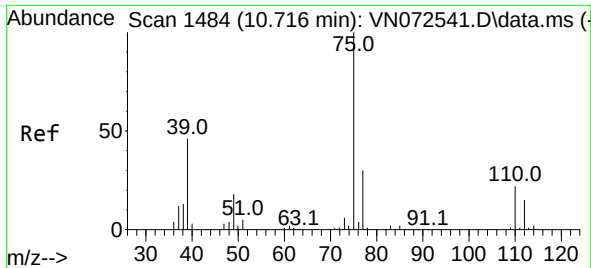
Tgt Ion: 43 Resp: 726334
Ion Ratio Lower Upper
43 100
58 38.7 34.1 51.1



#52
Toluene
Concen: 56.426 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 92 Resp: 274363
Ion Ratio Lower Upper
92 100
91 171.9 138.6 207.8

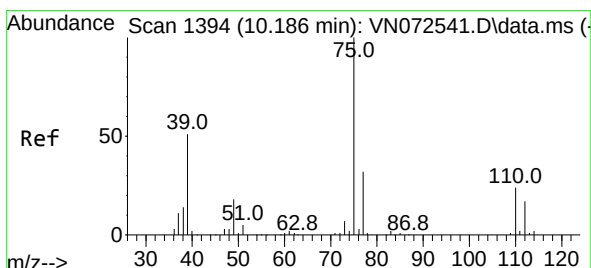
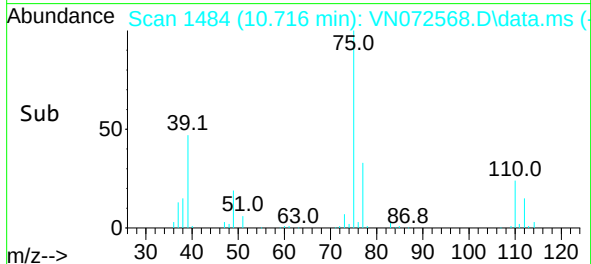
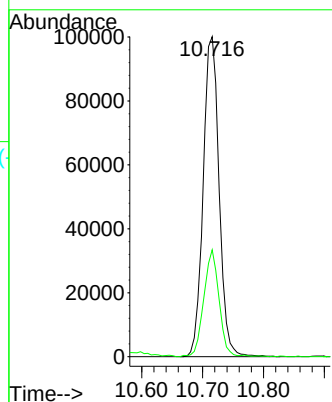
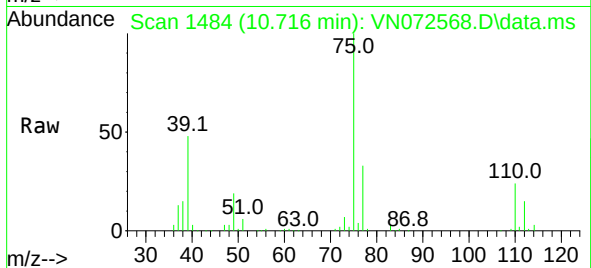




#53
 t-1,3-Dichloropropene
 Concen: 58.402 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN072568.D
 Acq: 20 May 2022 10:57

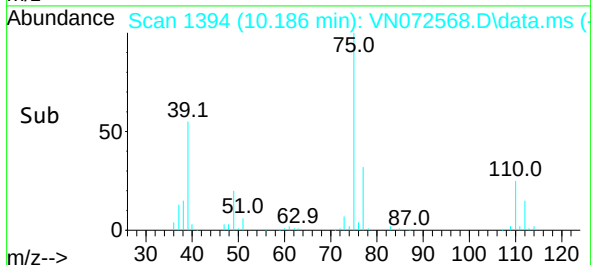
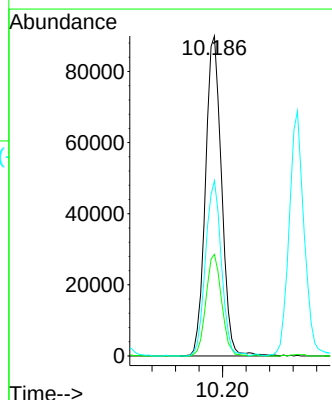
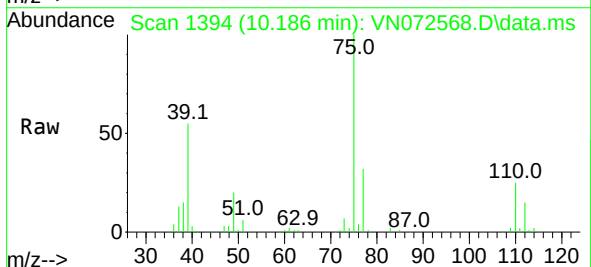
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

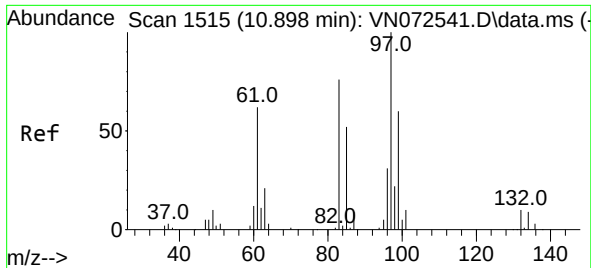
Tgt Ion: 75 Resp: 182133
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 55.501 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072568.D
 Acq: 20 May 2022 10:57

Tgt Ion: 75 Resp: 170882
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8
 39 54.7 35.7 53.5#

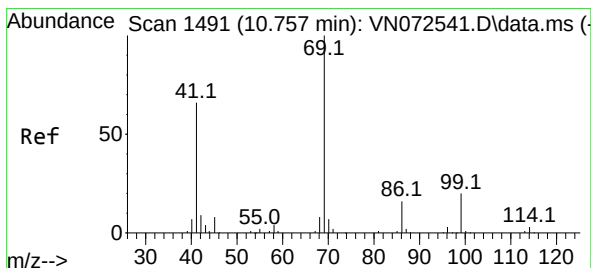
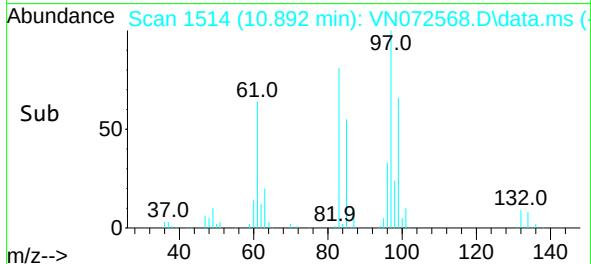
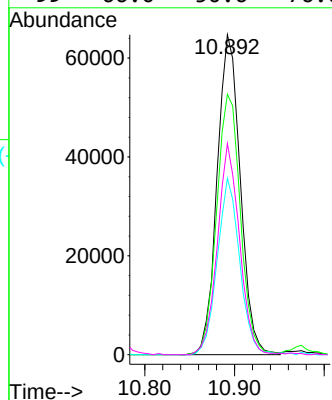
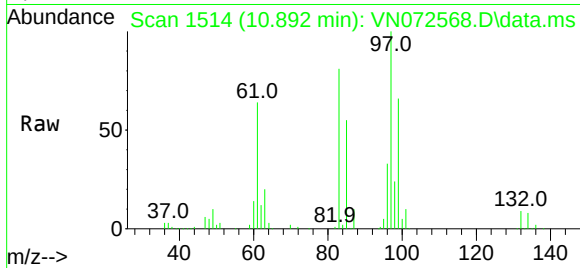




#55
1,1,2-Trichloroethane
Concen: 54.947 ug/l
RT: 10.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

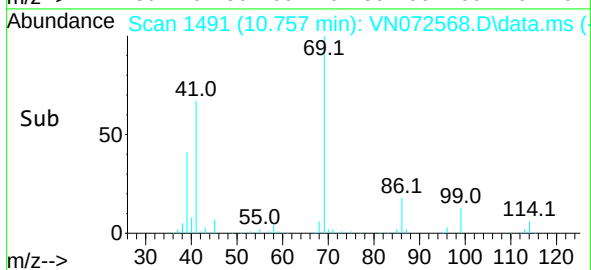
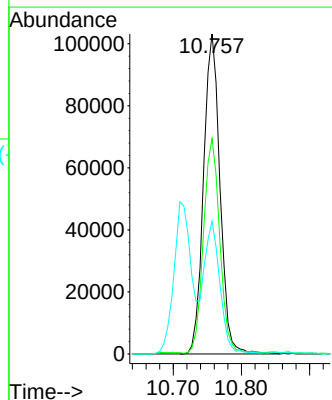
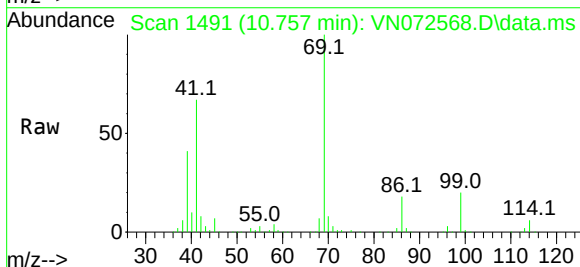
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

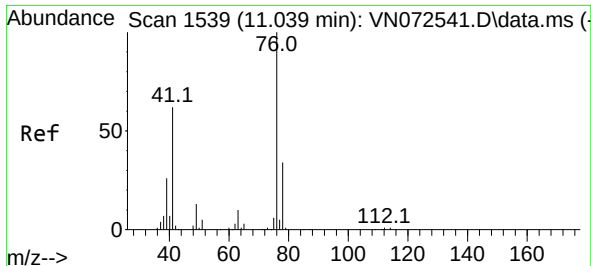
Tgt Ion:	97	Resp:	116110
Ion	Ratio	Lower	Upper
97	100		
83	81.4	66.2	99.4
85	55.1	43.9	65.9
99	66.0	50.6	76.0



#56
Ethyl methacrylate
Concen: 54.753 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion:	69	Resp:	173251
Ion	Ratio	Lower	Upper
69	100		
41	66.4	47.8	71.6
39	41.2	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 56.001 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

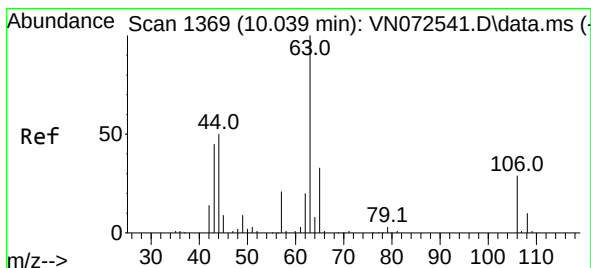
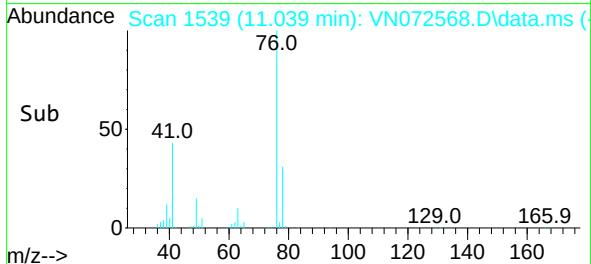
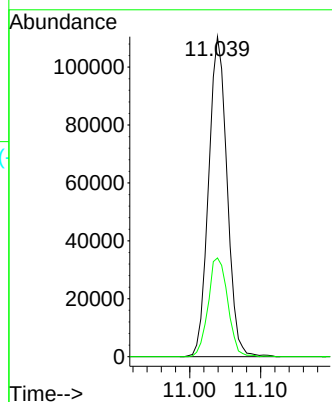
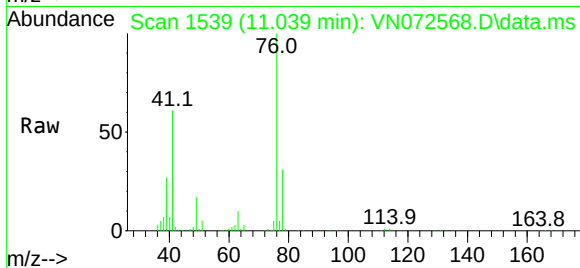
VSTDCCC050

Tgt Ion: 76 Resp: 199522

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 199.496 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072568.D

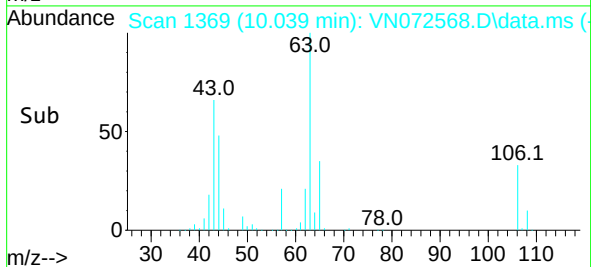
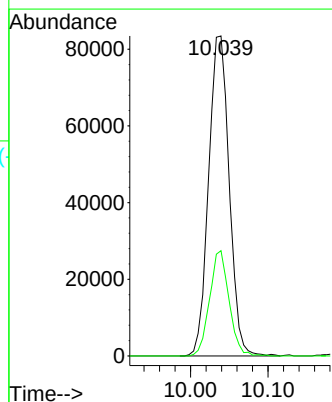
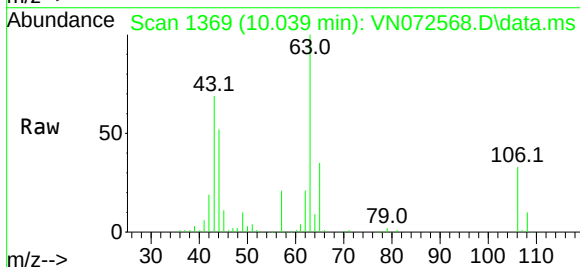
Acq: 20 May 2022 10:57

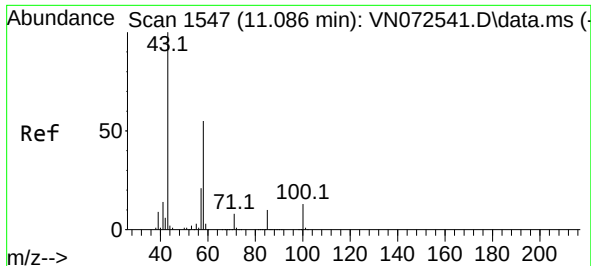
Tgt Ion: 63 Resp: 154118

Ion Ratio Lower Upper

63 100

106 31.1 24.6 36.8

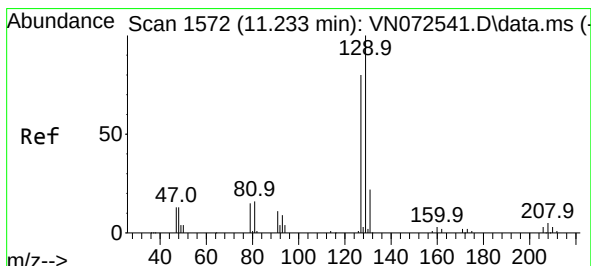
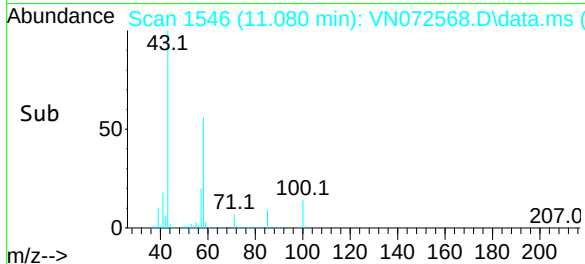
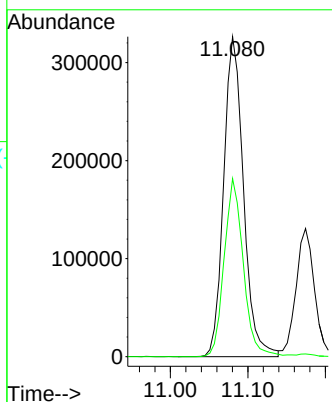
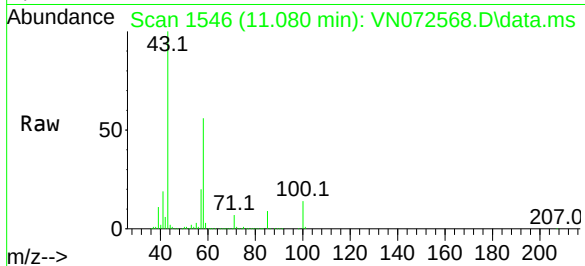




#59
2-Hexanone
Concen: 279.461 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

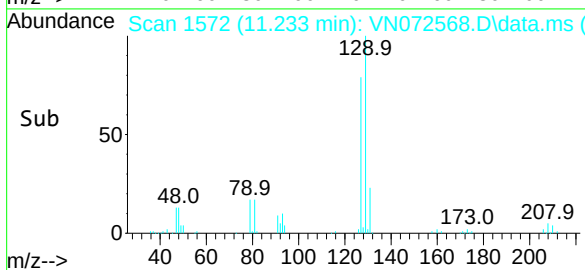
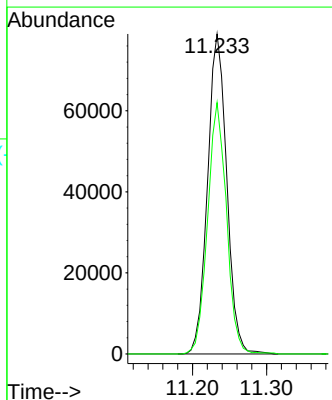
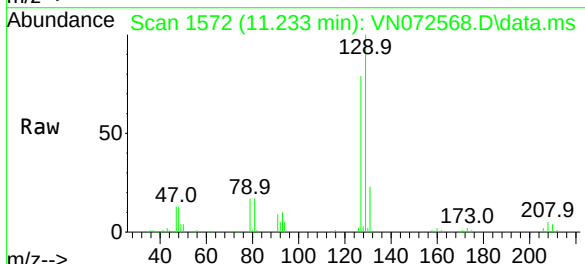
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

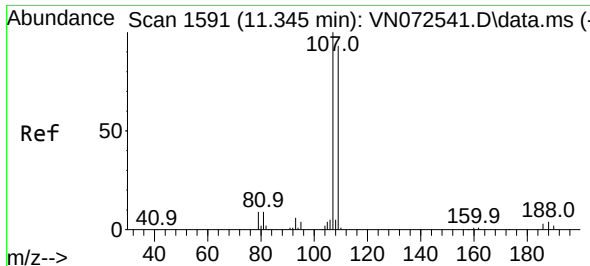
Tgt Ion: 43 Resp: 581304
Ion Ratio Lower Upper
43 100
58 53.7 29.7 89.1



#60
Dibromochloromethane
Concen: 58.936 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion:129 Resp: 142296
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4

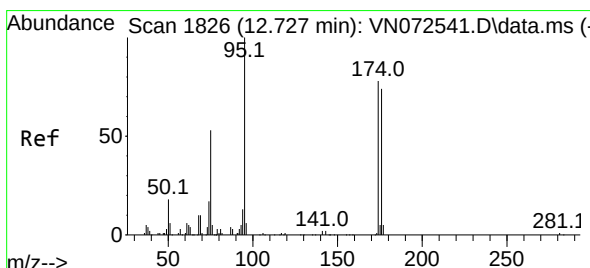
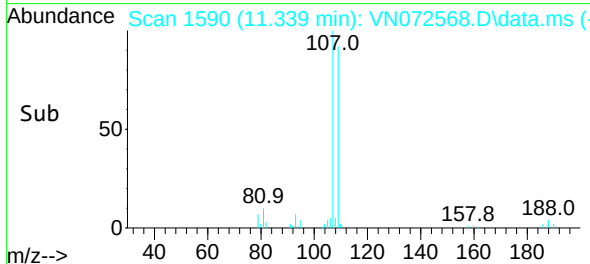
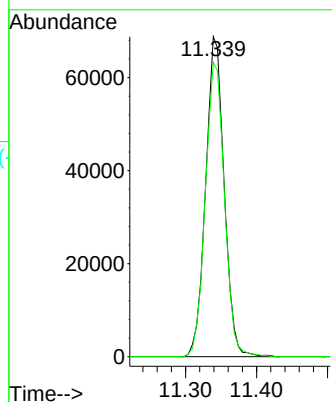
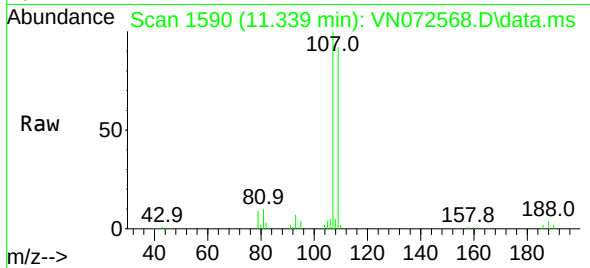




#61
1,2-Dibromoethane
Concen: 56.870 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

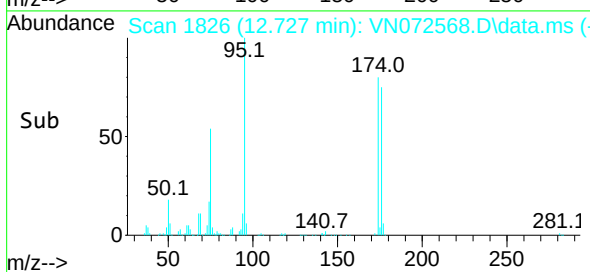
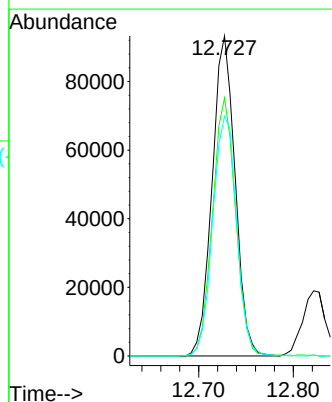
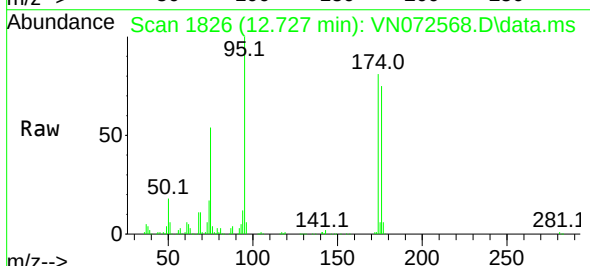
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

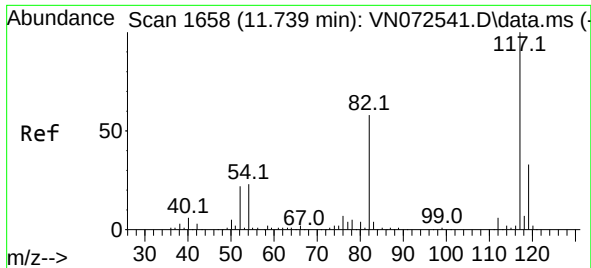
Tgt Ion:107 Resp: 124624
Ion Ratio Lower Upper
107 100
109 95.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 57.993 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 95 Resp: 157194
Ion Ratio Lower Upper
95 100
174 81.1 0.0 167.6
176 77.9 0.0 163.4

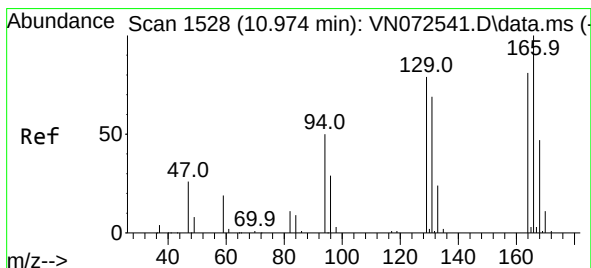
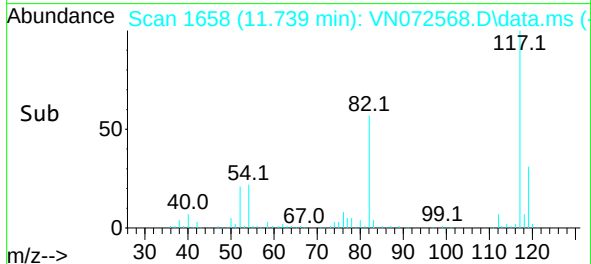
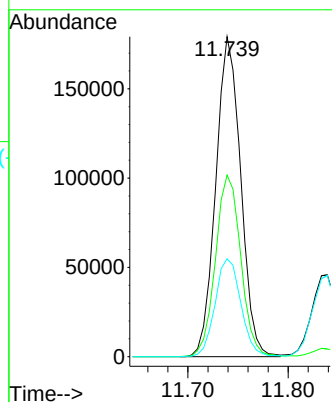
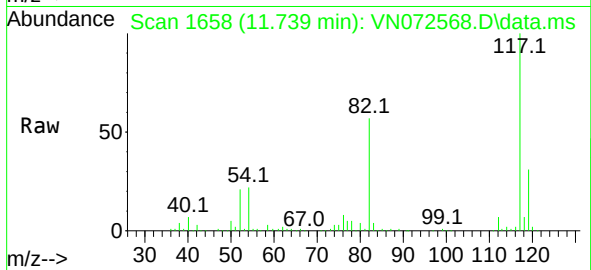




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

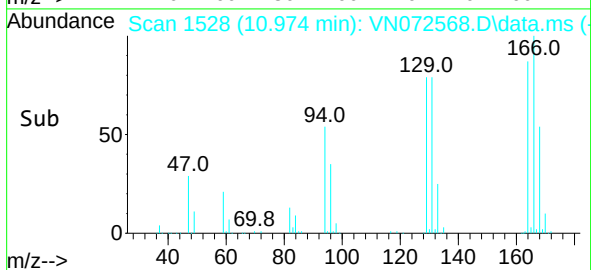
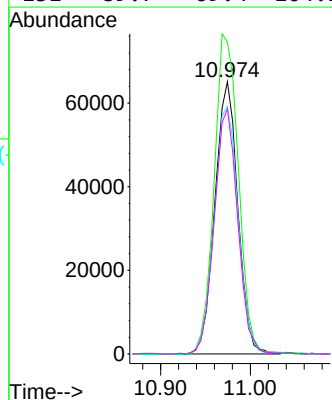
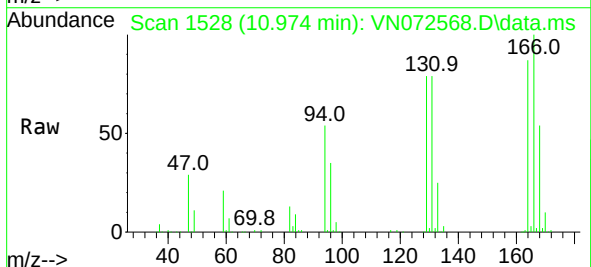
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

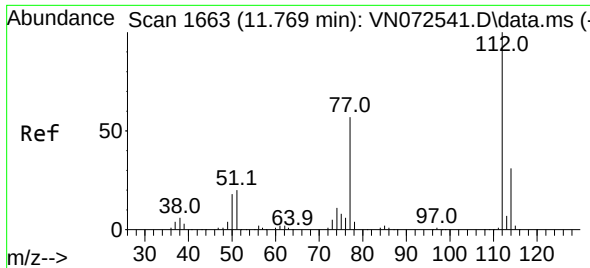
Tgt Ion:117 Resp: 308917
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 30.6 25.4 38.0



#64
Tetrachloroethene
Concen: 54.018 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion:164 Resp: 115801
Ion Ratio Lower Upper
164 100
166 114.5 104.2 156.2
129 91.0 73.9 110.9
131 89.7 69.4 104.2

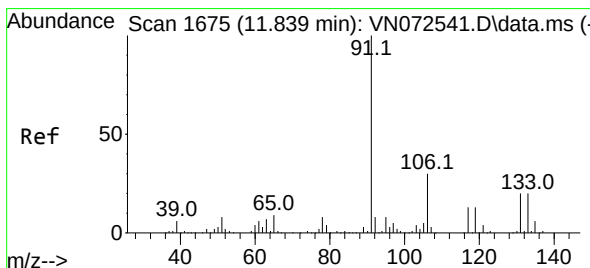
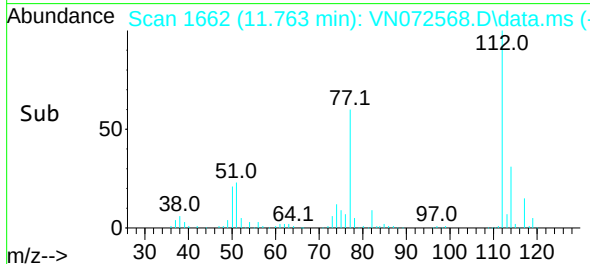
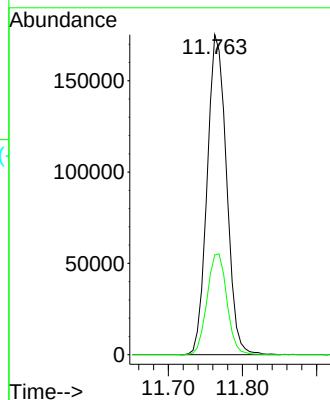
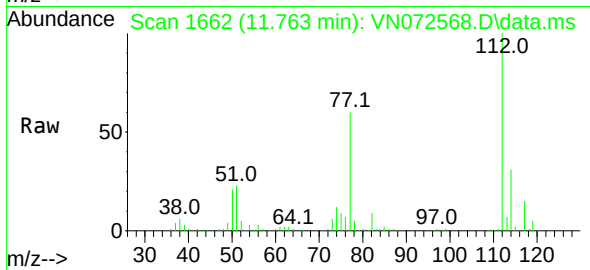




#65
Chlorobenzene
Concen: 50.208 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

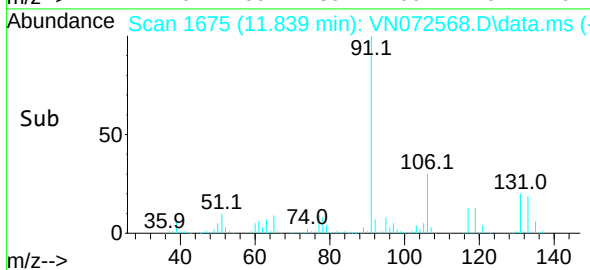
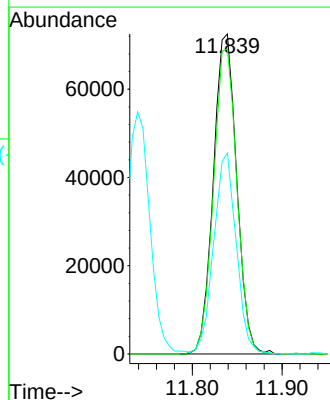
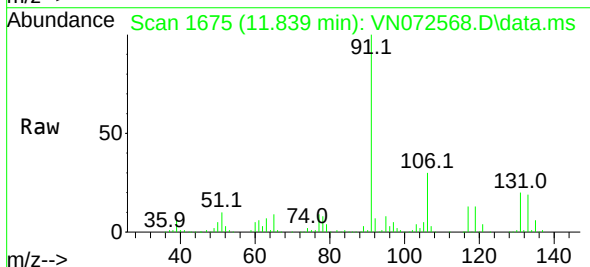
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

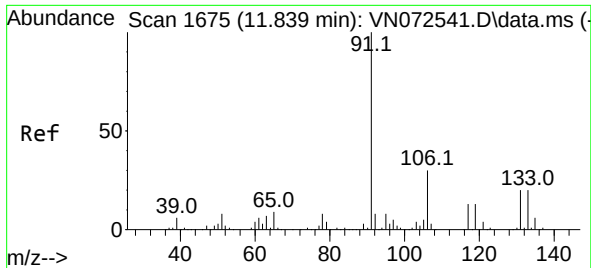
Tgt Ion:112 Resp: 317825
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.452 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion:131 Resp: 130781
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 60.8 33.4 100.2

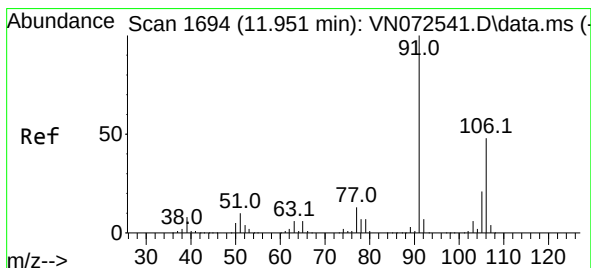
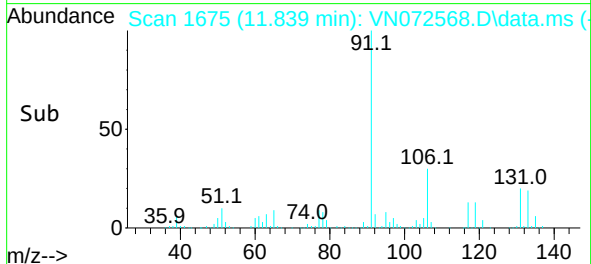
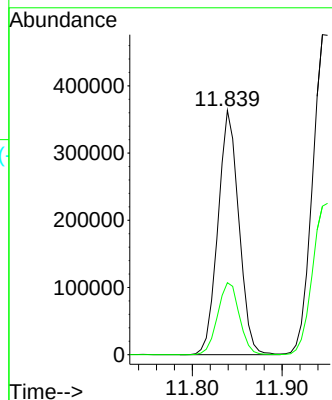
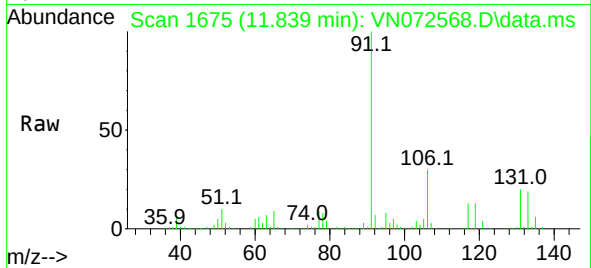




#67
Ethyl Benzene
Concen: 53.658 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

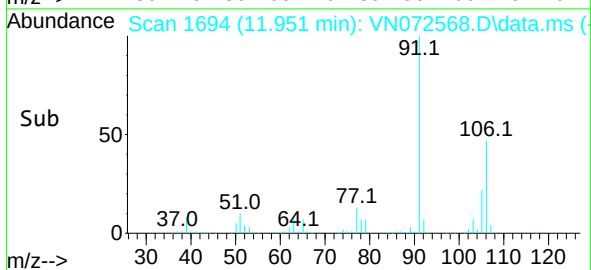
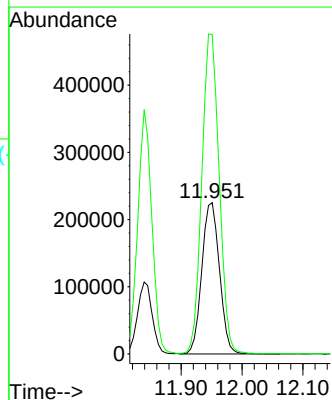
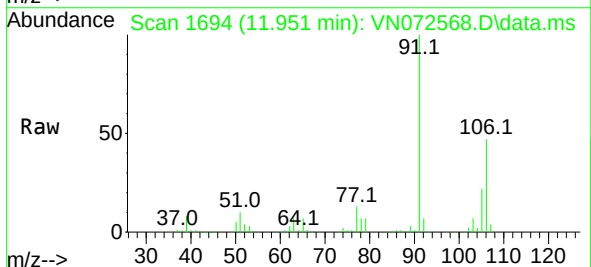
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

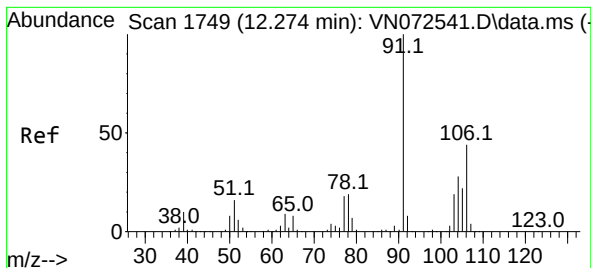
Tgt Ion: 91 Resp: 587931
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3



#68
m/p-Xylenes
Concen: 107.535 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion:106 Resp: 453622
Ion Ratio Lower Upper
106 100
91 207.4 158.9 238.3

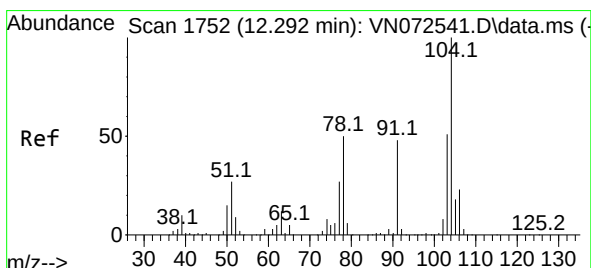
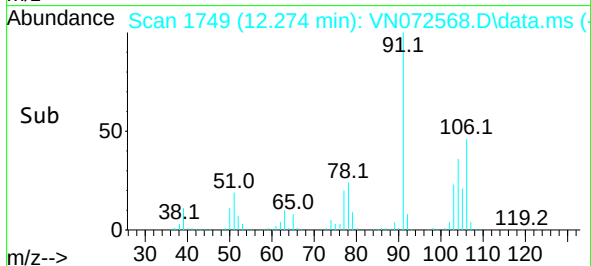
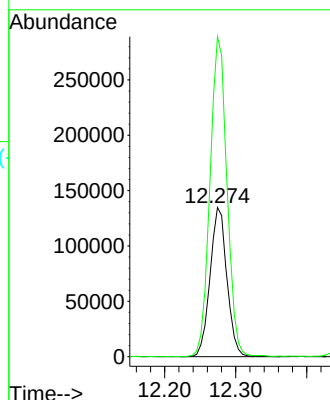
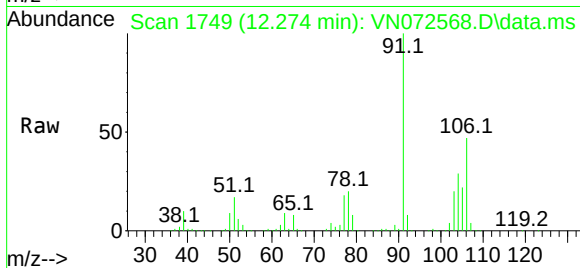




#69
o-Xylene
Concen: 51.655 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

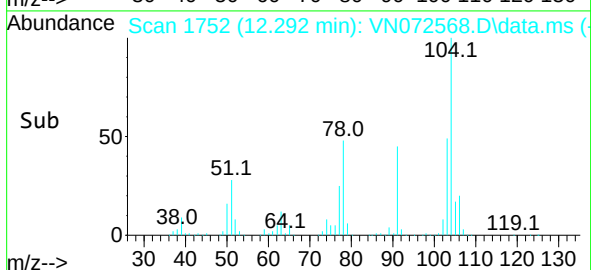
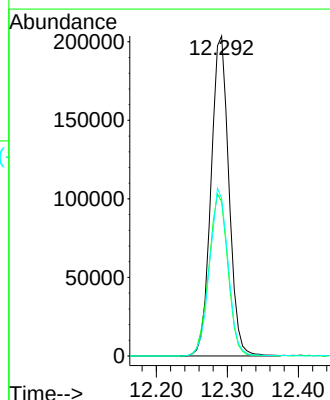
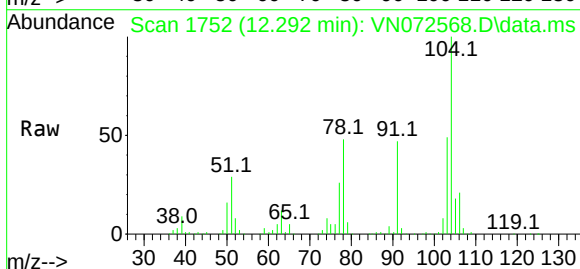
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

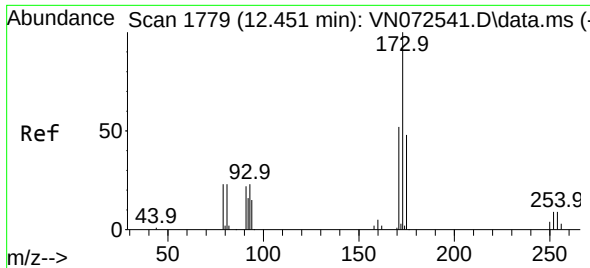
Tgt Ion:106 Resp: 221975
Ion Ratio Lower Upper
106 100
91 216.1 106.0 318.0



#70
Styrene
Concen: 53.789 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion:104 Resp: 355881
Ion Ratio Lower Upper
104 100
78 54.1 39.5 59.3
103 54.2 44.0 66.0

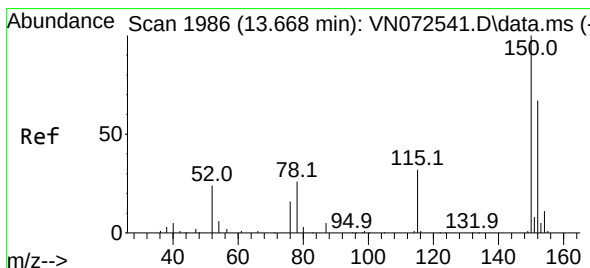
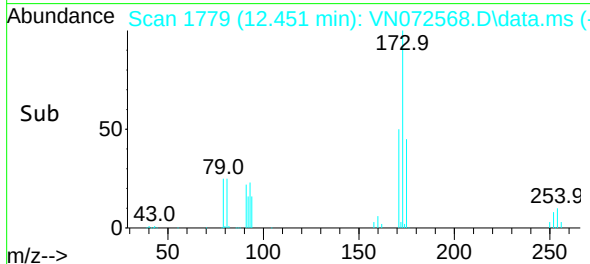
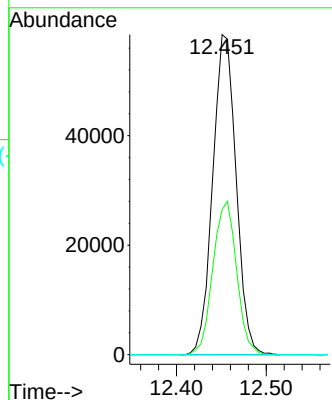
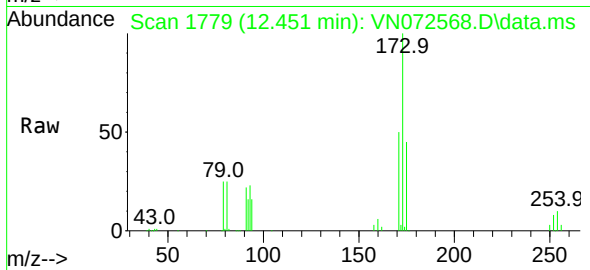




#71
Bromoform
Concen: 54.148 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

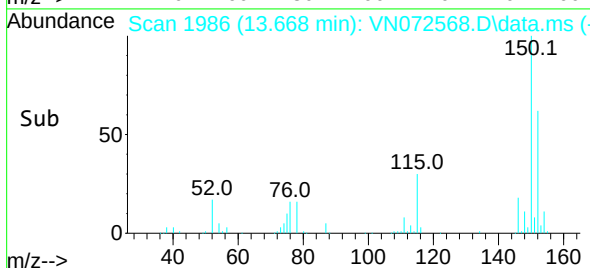
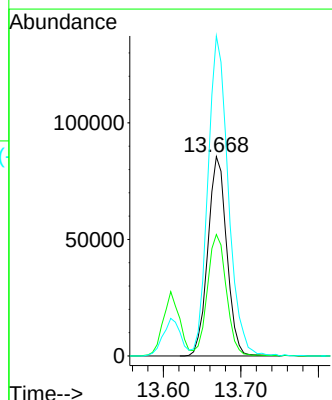
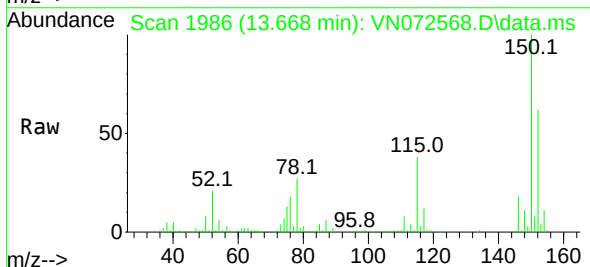
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

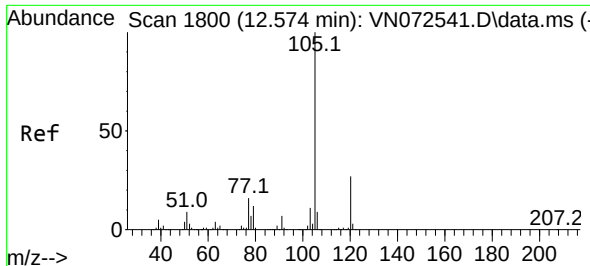
Tgt Ion:173 Resp: 105918
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion:152 Resp: 144737
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 173.5 0.0 356.2

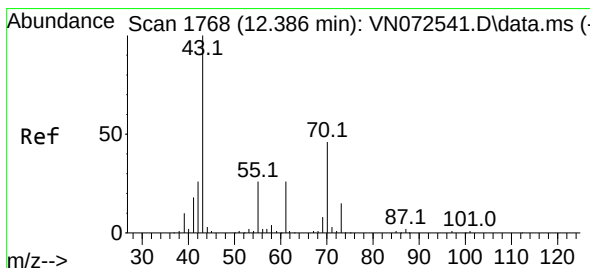
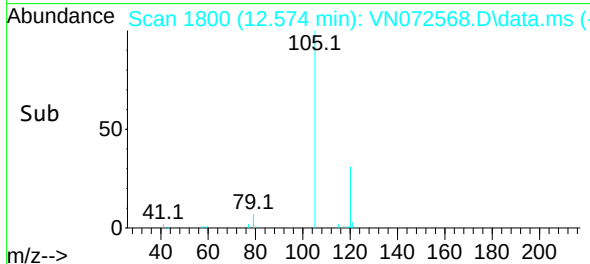
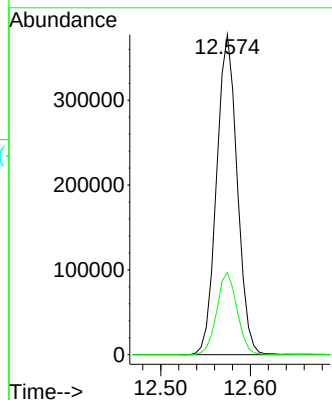
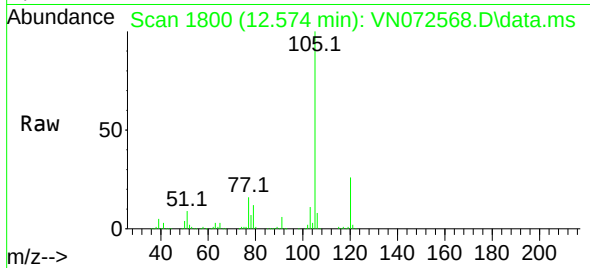




#73
Isopropylbenzene
Concen: 50.355 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

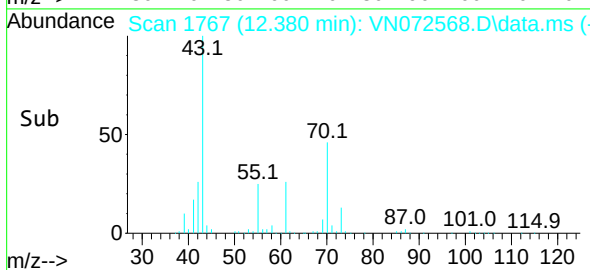
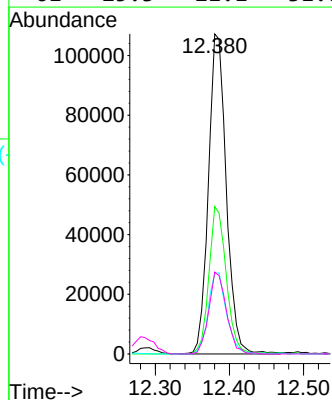
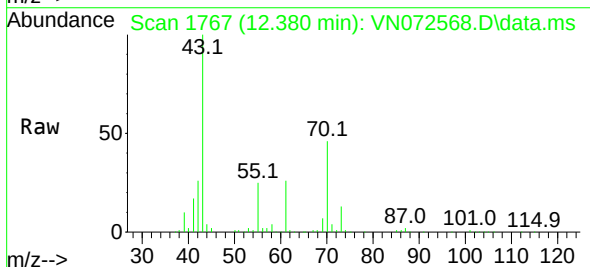
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

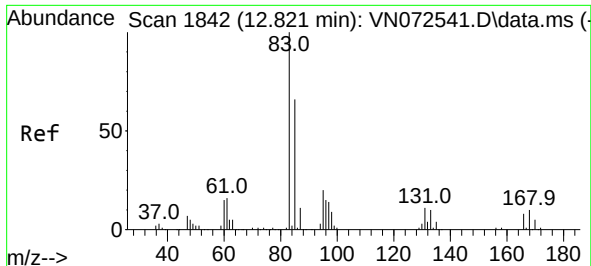
Tgt Ion:105 Resp: 602560
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.4



#74
N-ethyl acetate
Concen: 45.125 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 43 Resp: 179865
Ion Ratio Lower Upper
43 100
70 45.0 39.0 58.4
55 26.0 21.1 31.7
61 25.3 21.1 31.7

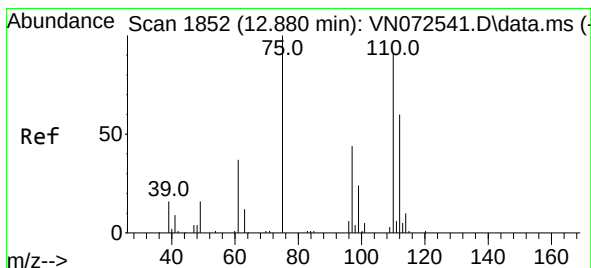
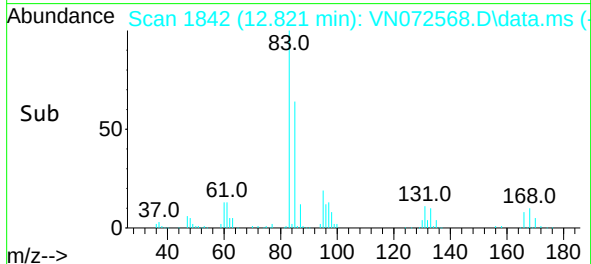
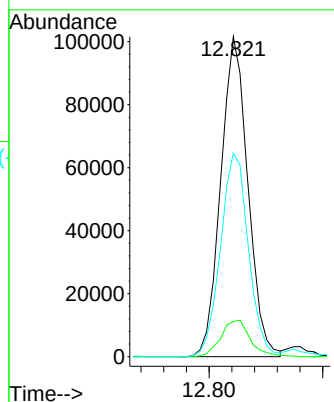
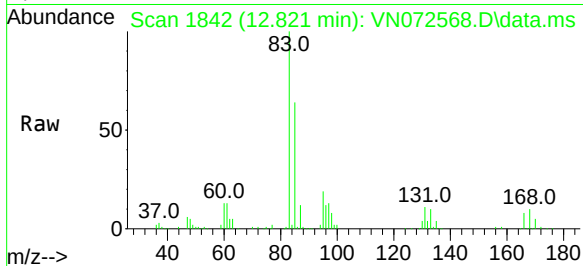




#75
1,1,2,2-Tetrachloroethane
Concen: 46.460 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

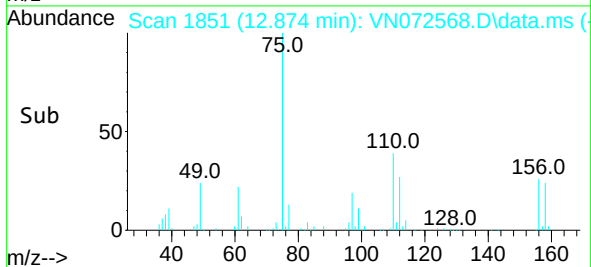
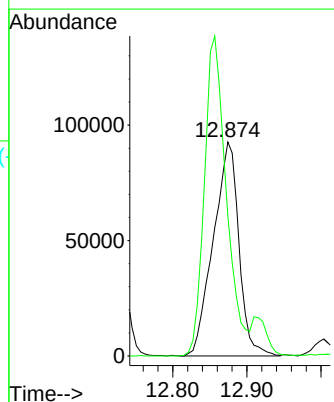
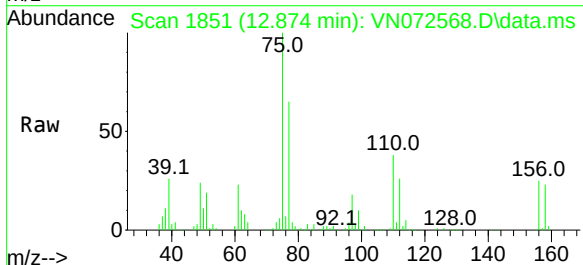
Instrument :
MSVOA_N
ClientSampleId :
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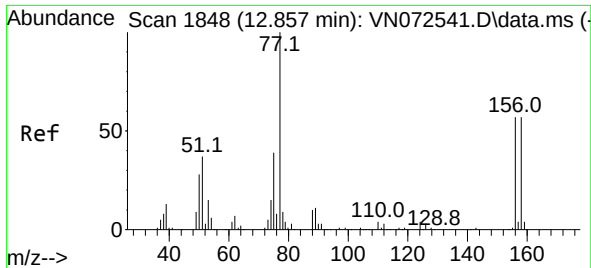
Tgt Ion: 83 Resp: 168418
Ion Ratio Lower Upper
83 100
131 12.4 5.3 15.9
85 65.3 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 50.815 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 75 Resp: 222179
Ion Ratio Lower Upper
75 100
77 129.0 98.5 295.5

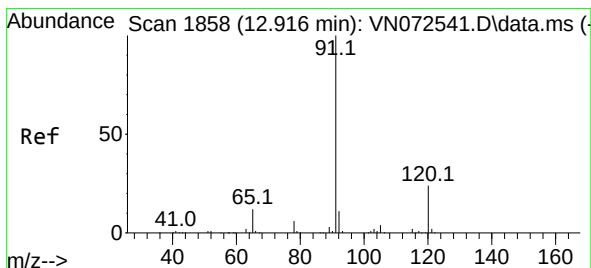
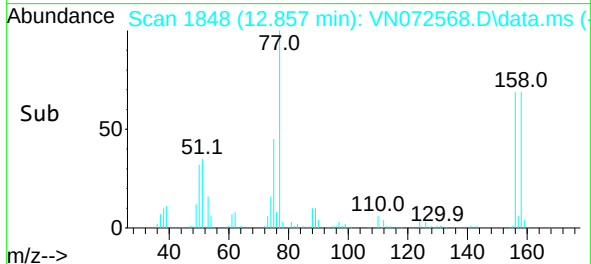
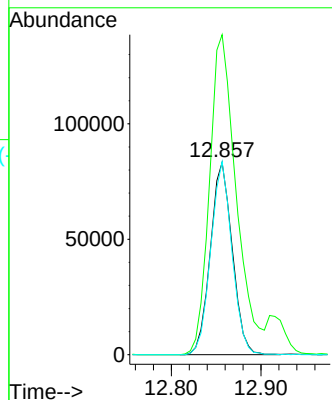
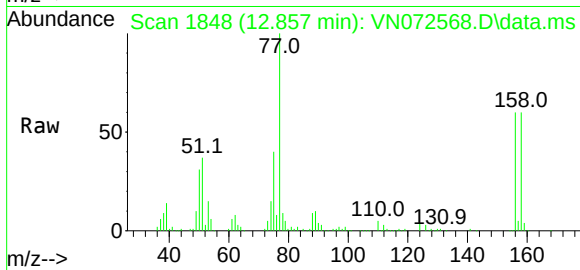




#77
Bromobenzene
Concen: 46.148 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

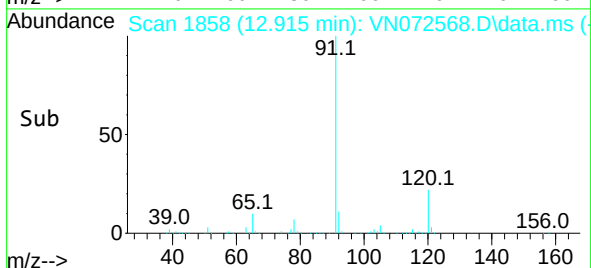
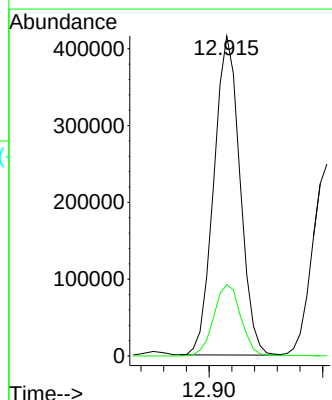
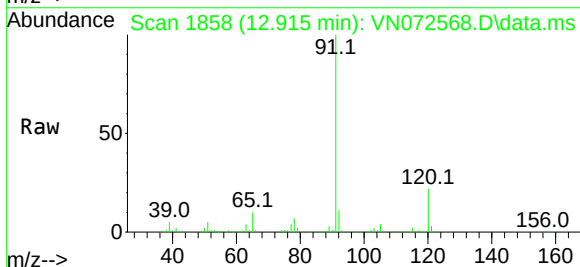
Instrument :
MSVOA_N
ClientSampleId :
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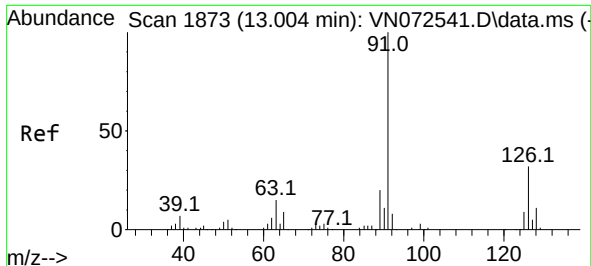
Tgt Ion:156 Resp: 141455
Ion Ratio Lower Upper
156 100
77 202.6 100.5 301.5
158 96.9 48.9 146.6



#78
n-propylbenzene
Concen: 50.678 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 91 Resp: 663242
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

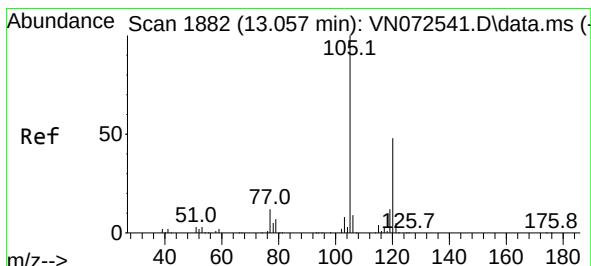
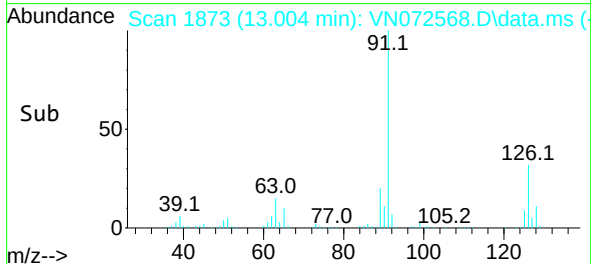
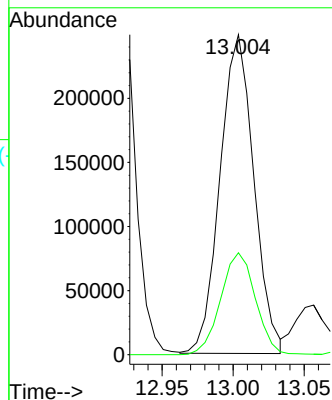
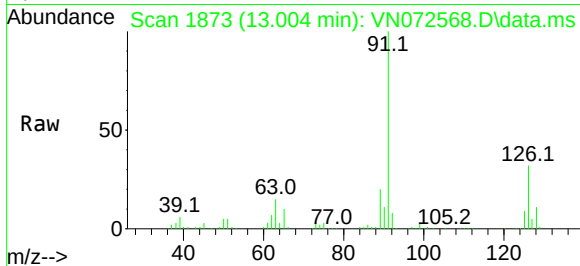




#79
2-Chlorotoluene
Concen: 46.967 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

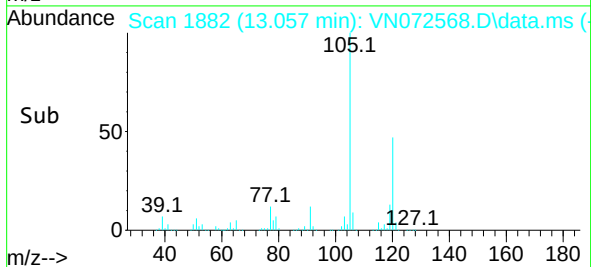
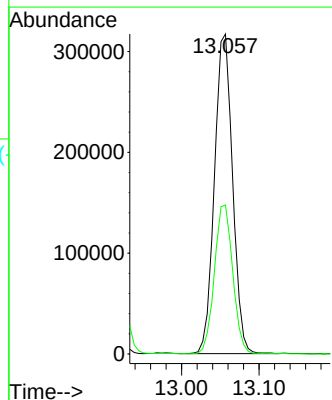
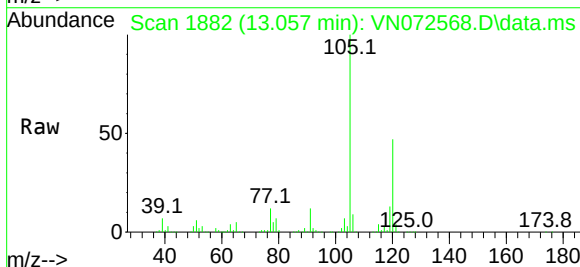
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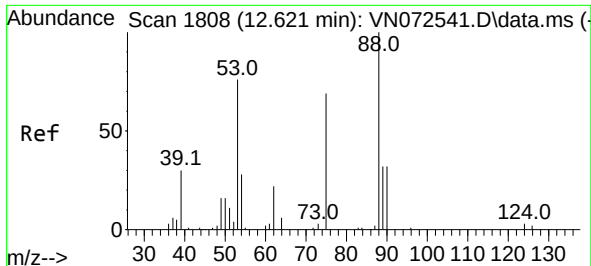
Tgt Ion: 91 Resp: 411774
Ion Ratio Lower Upper
91 100
126 32.9 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 49.680 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 105 Resp: 515570
Ion Ratio Lower Upper
105 100
120 47.0 24.9 74.7

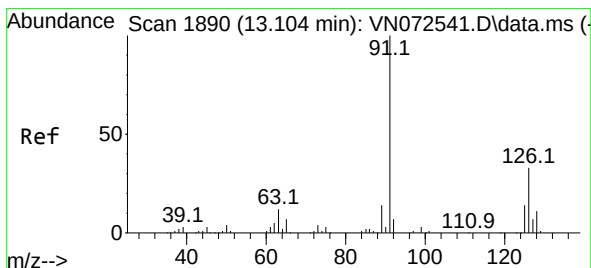
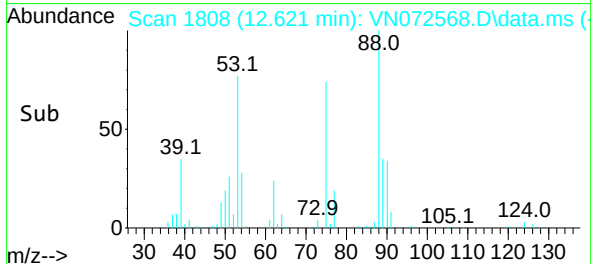
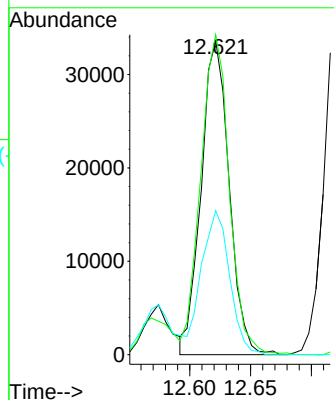
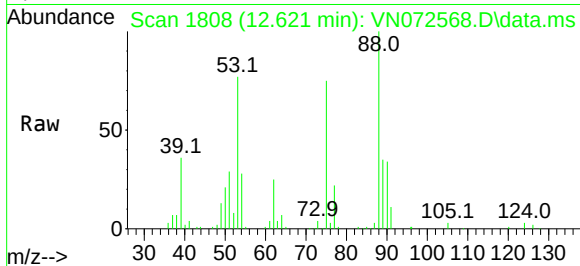




#81
trans-1,4-Dichloro-2-butene
Concen: 51.079 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

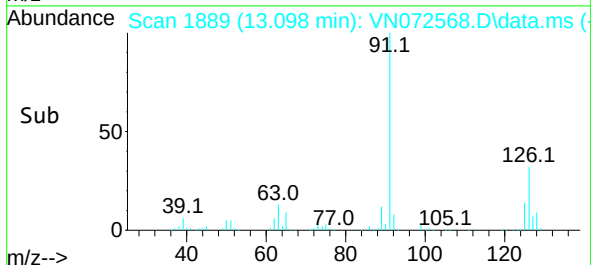
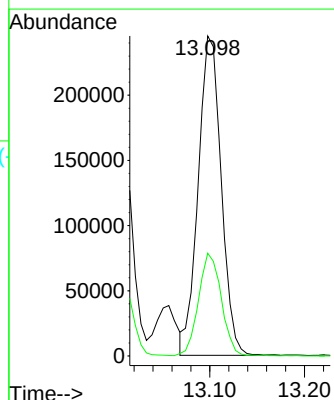
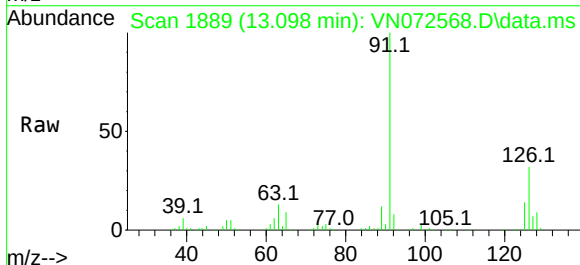
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

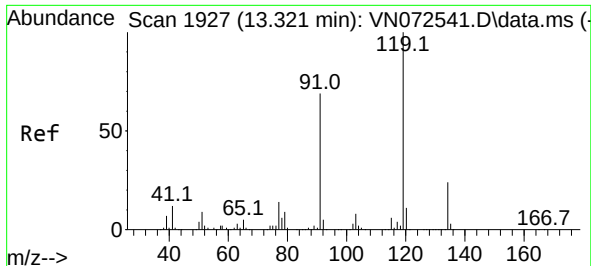
Tgt Ion: 75 Resp: 53571
Ion Ratio Lower Upper
75 100
53 104.5 78.0 117.0
89 45.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 50.499 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 91 Resp: 412423
Ion Ratio Lower Upper
91 100
126 32.1 17.2 51.6

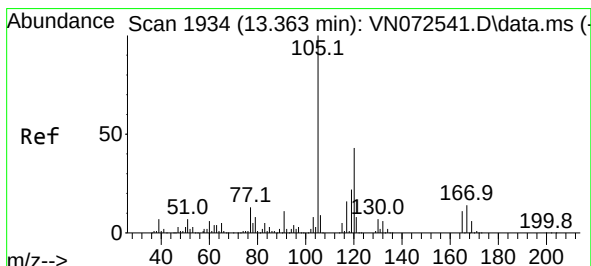
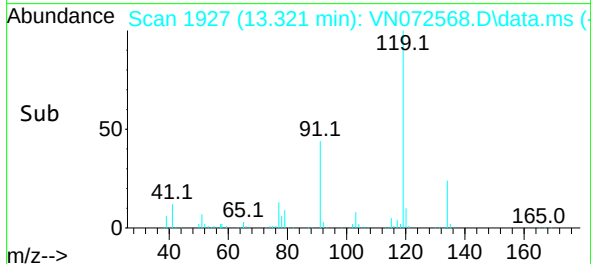
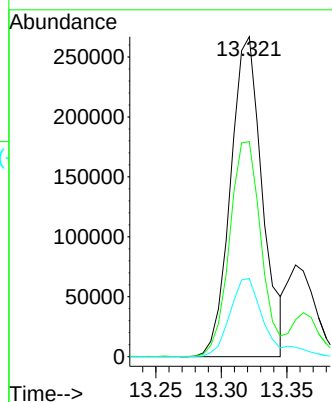
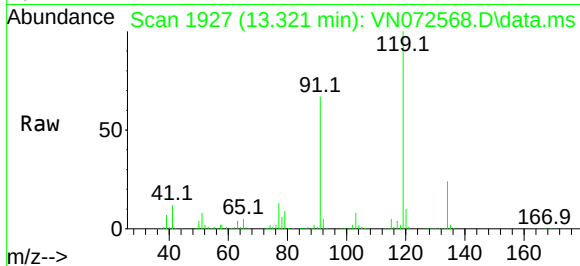




#83
tert-Butylbenzene
Concen: 51.084 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

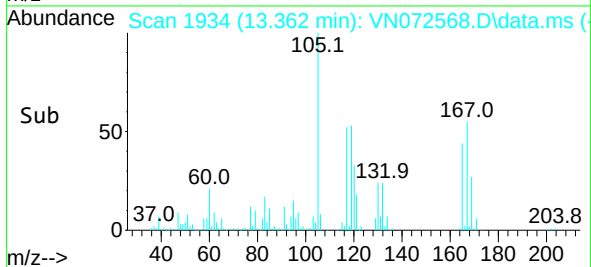
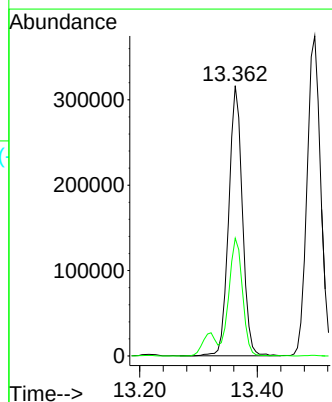
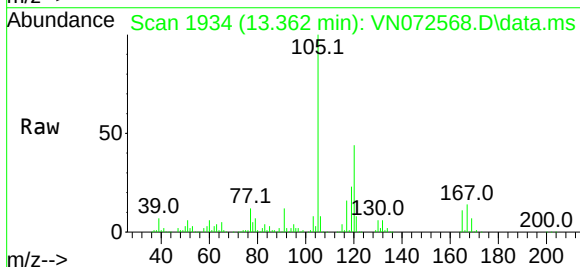
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

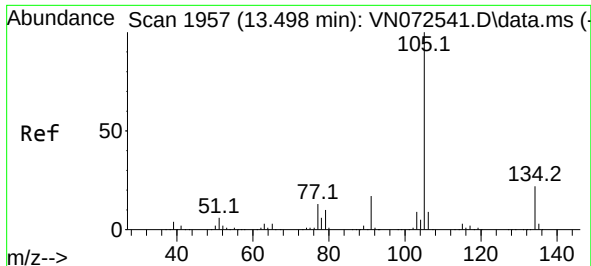
Tgt Ion:119 Resp: 450273
Ion Ratio Lower Upper
119 100
91 66.4 31.6 94.8
134 26.8 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 51.048 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion:105 Resp: 508164
Ion Ratio Lower Upper
105 100
120 43.4 23.3 69.8





#85

sec-Butylbenzene

Concen: 52.892 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

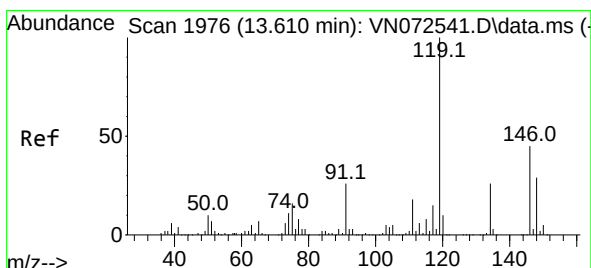
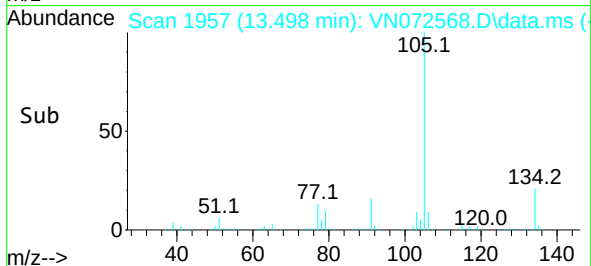
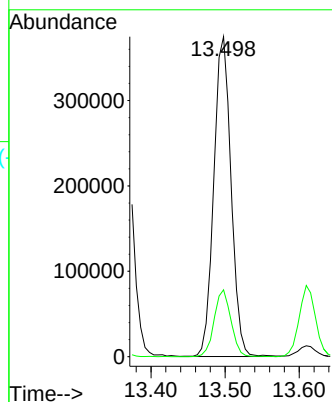
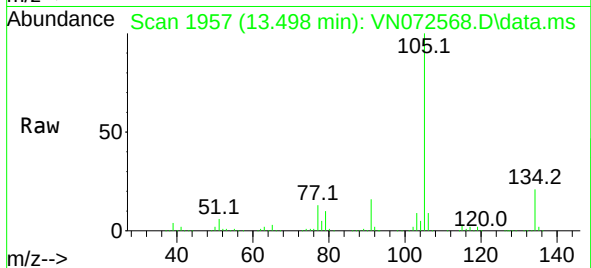
VSTDCCC050

Tgt Ion:105 Resp: 605444

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 54.657 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

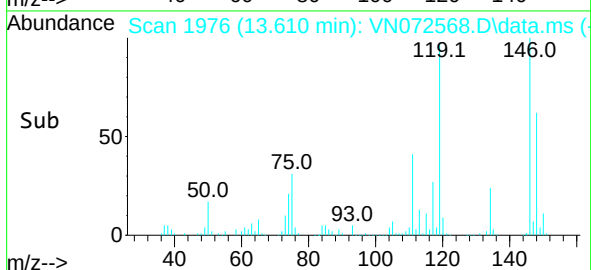
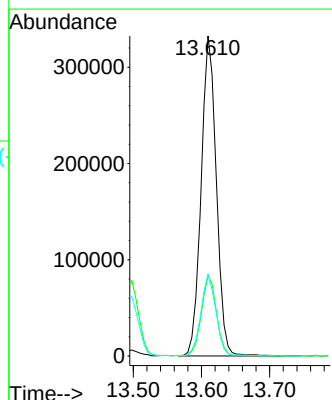
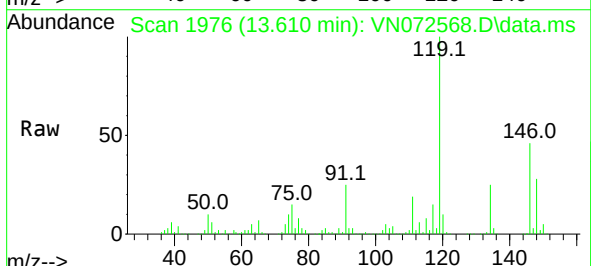
Tgt Ion:119 Resp: 514520

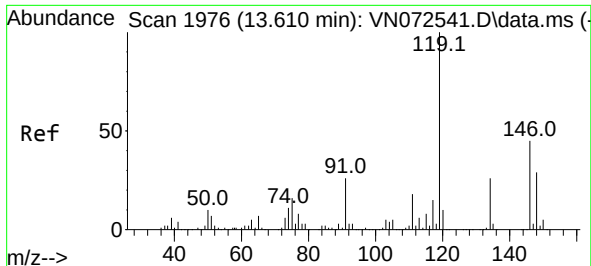
Ion Ratio Lower Upper

119 100

134 25.0 13.3 39.8

91 25.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 50.608 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

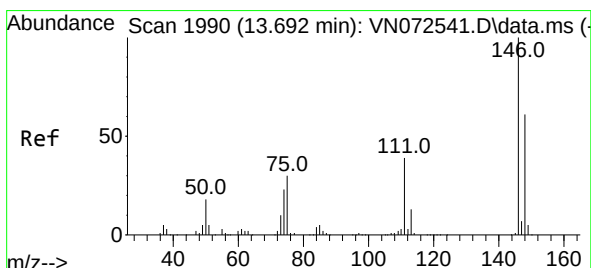
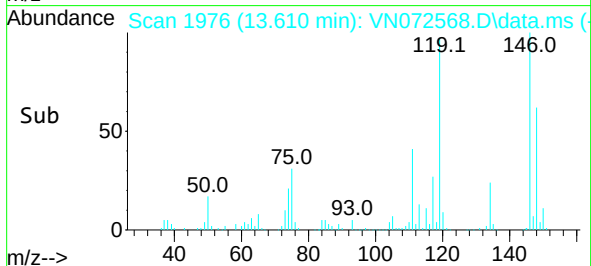
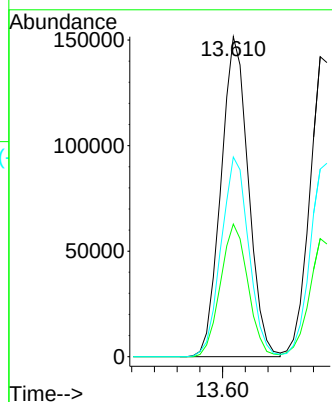
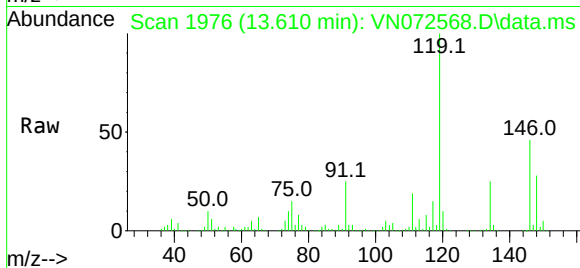
Tgt Ion:146 Resp: 254087

Ion Ratio Lower Upper

146 100

111 41.5 20.0 60.0

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 51.132 ug/l

RT: 13.686 min Scan# 1989

Delta R.T. -0.006 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

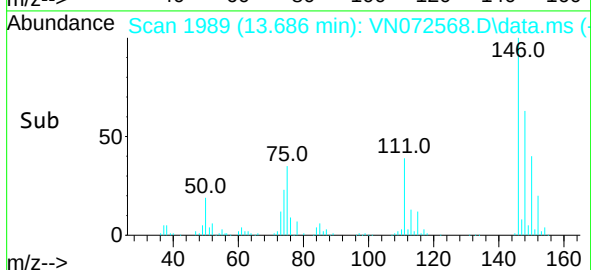
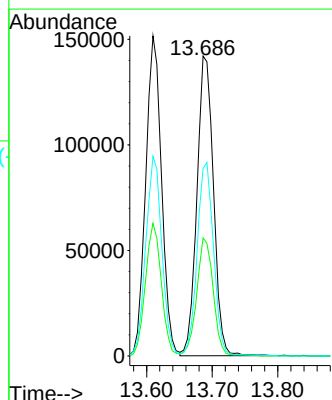
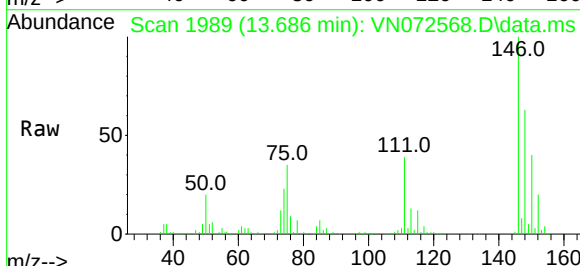
Tgt Ion:146 Resp: 249704

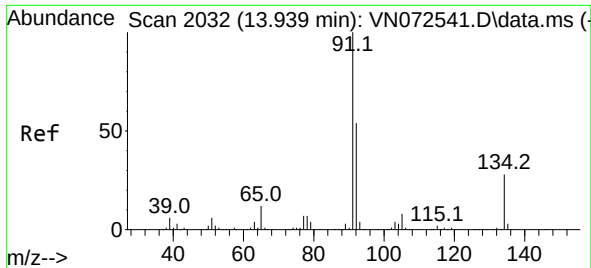
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 64.2 31.4 94.3

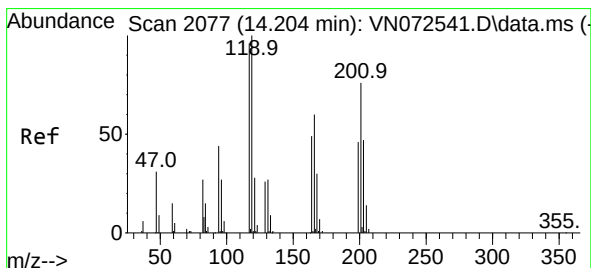
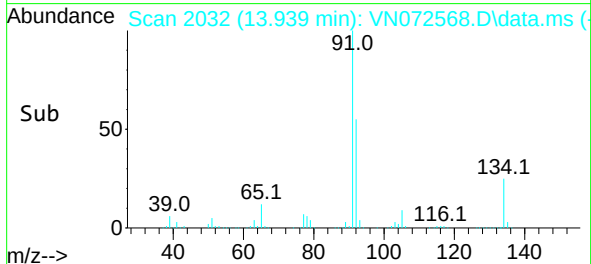
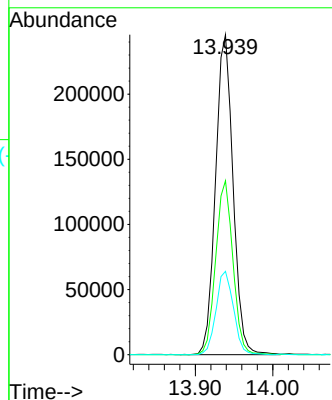
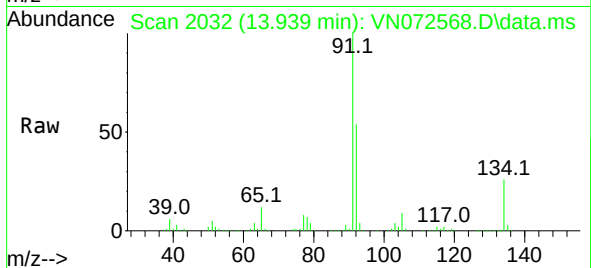




#89
n-Butylbenzene
Concen: 54.160 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

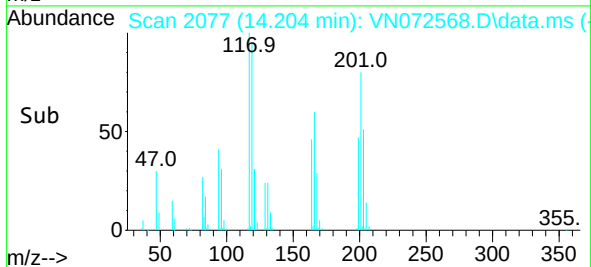
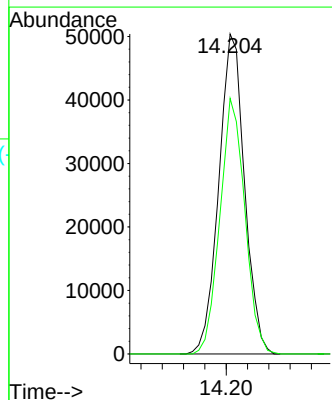
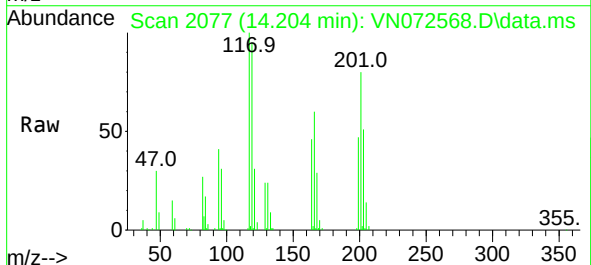
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

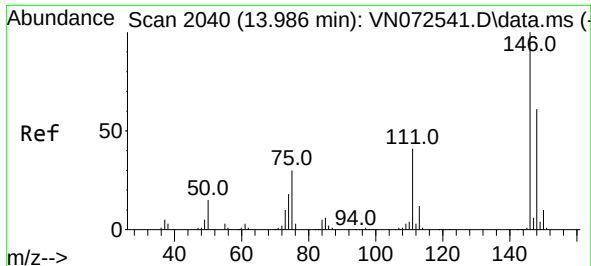
Tgt Ion: 91 Resp: 385942
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 26.1 13.6 40.8



#90
Hexachloroethane
Concen: 50.142 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 117 Resp: 84448
Ion Ratio Lower Upper
117 100
201 77.5 40.6 122.0

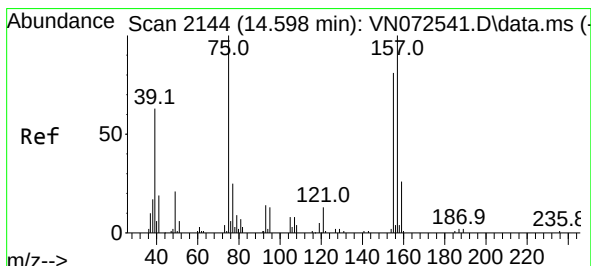
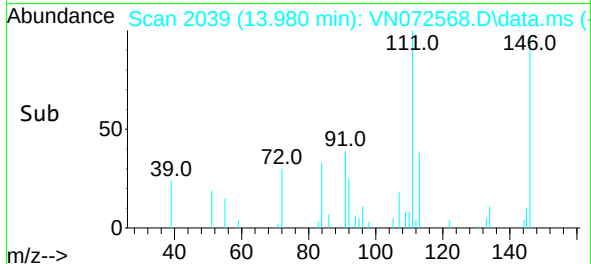
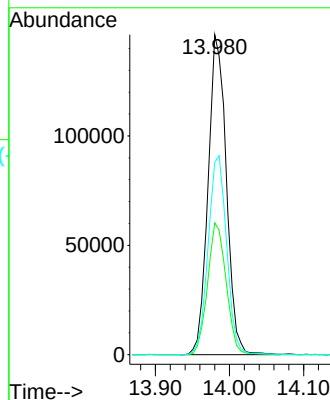
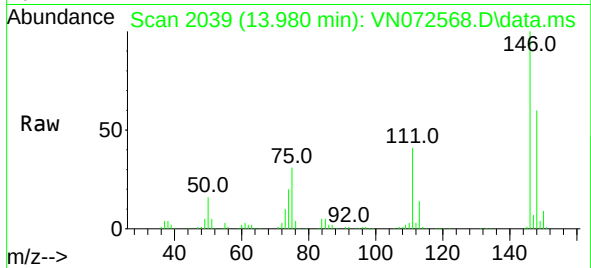




#91
1,2-Dichlorobenzene
Concen: 49.683 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

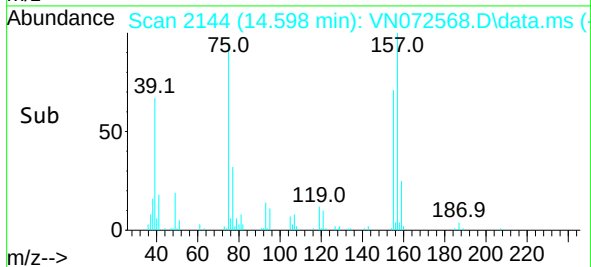
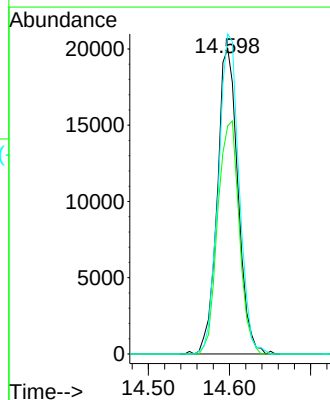
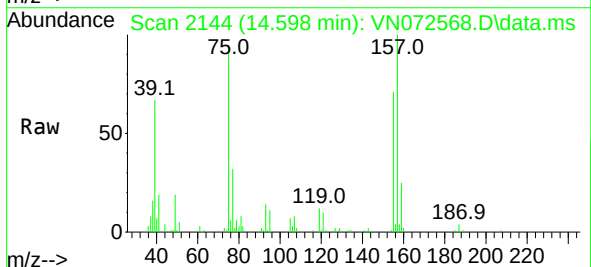
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

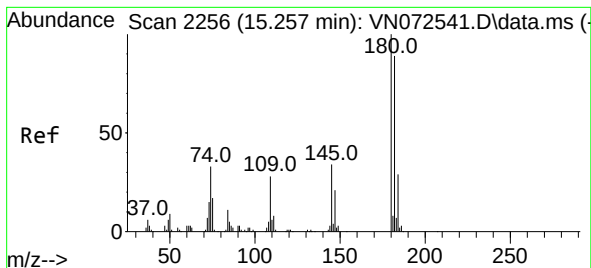
Tgt Ion:146 Resp: 250180
Ion Ratio Lower Upper
146 100
111 42.0 20.9 62.8
148 63.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.434 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion: 75 Resp: 35612
Ion Ratio Lower Upper
75 100
155 78.6 44.9 134.5
157 104.4 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 52.225 ug/l

RT: 15.256 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

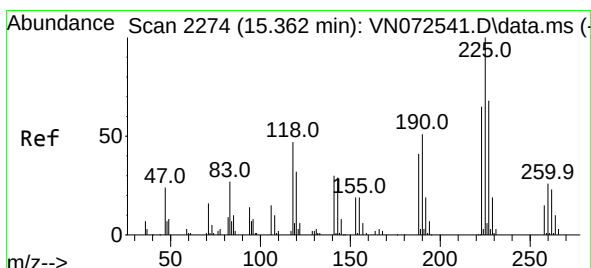
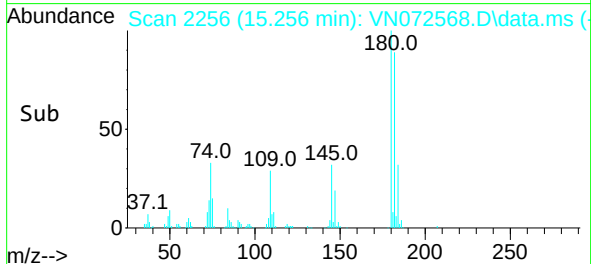
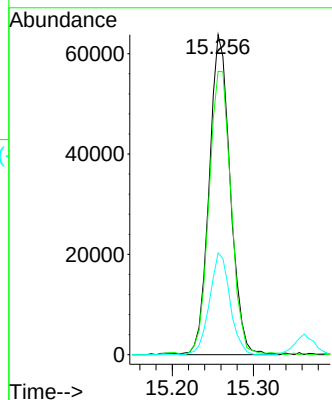
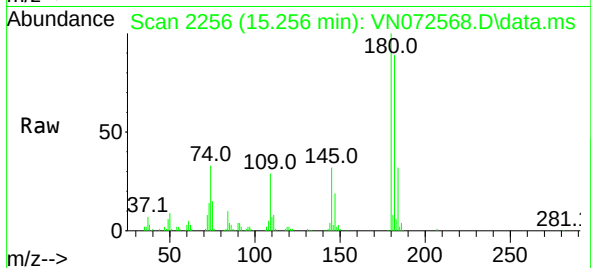
Tgt Ion:180 Resp: 114913

Ion Ratio Lower Upper

180 100

182 92.6 47.5 142.5

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.627 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN072568.D

Acq: 20 May 2022 10:57

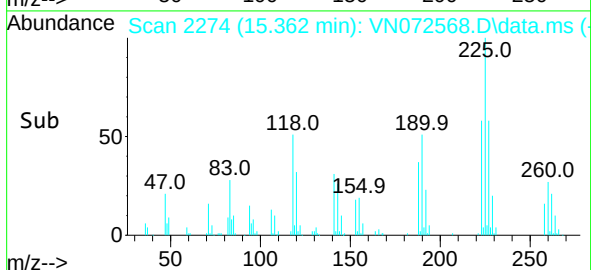
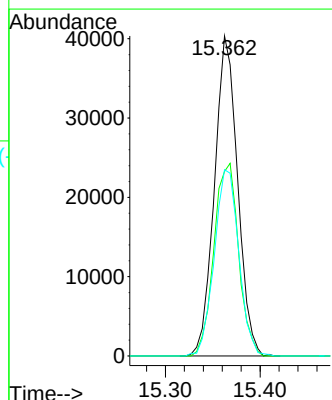
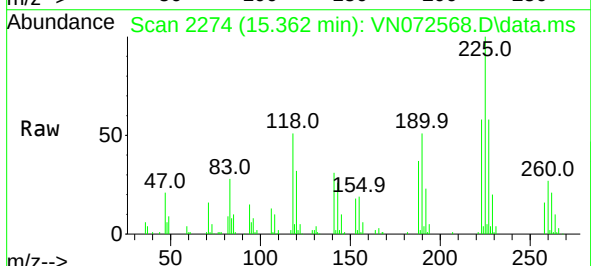
Tgt Ion:225 Resp: 68580

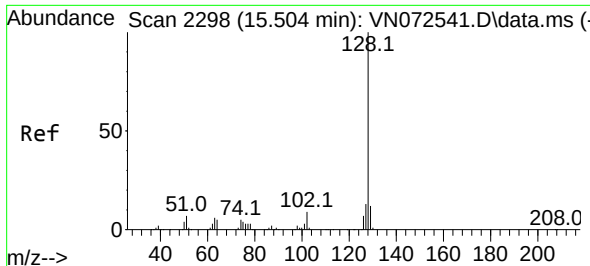
Ion Ratio Lower Upper

225 100

223 64.1 32.4 97.2

227 61.7 31.8 95.4

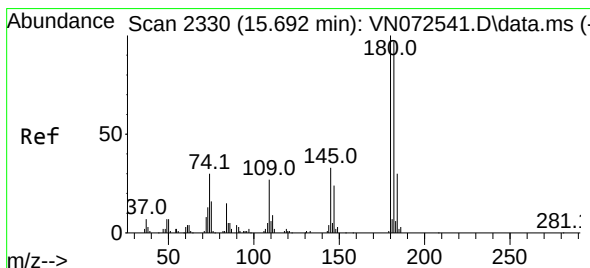
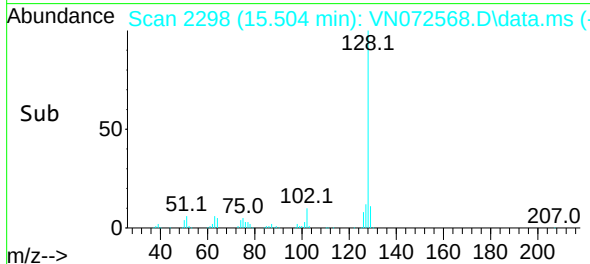
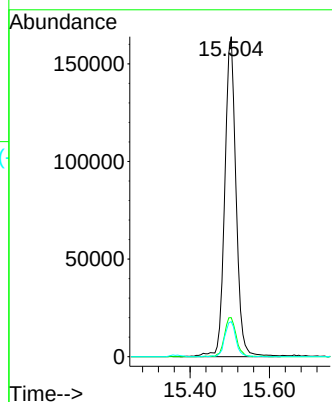
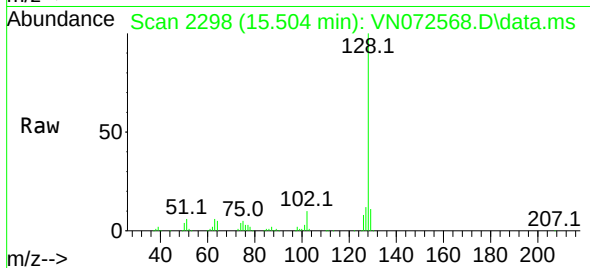




#95
Naphthalene
Concen: 50.765 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 323678
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.878 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072568.D
Acq: 20 May 2022 10:57

Tgt Ion:180 Resp: 113198
Ion Ratio Lower Upper
180 100
182 98.1 47.8 143.3
145 34.4 15.5 46.5

