

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072912.D
 Acq On : 17 Jun 2022 15:02
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 18 05:44:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 05:42:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	314171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	552263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	478633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	210258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	80564	14.893	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	29.780%#
35) Dibromofluoromethane	7.951	113	64697	13.936	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	27.880%#
50) Toluene-d8	10.374	98	236648	13.029	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	26.060%#
62) 4-Bromofluorobenzene	12.668	95	82929	13.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	26.540%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60528	14.711	ug/l	90
3) Chloromethane	2.263	50	62451	13.352	ug/l	99
4) Vinyl Chloride	2.404	62	54845	15.078	ug/l	99
5) Bromomethane	2.804	94	25307	18.267	ug/l	99
6) Chloroethane	2.963	64	33421	15.470	ug/l	94
7) Trichlorofluoromethane	3.316	101	96748	14.412	ug/l	97
8) Diethyl Ether	3.769	74	45644	15.649	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.145	101	59554	15.094	ug/l	99
10) Methyl Iodide	4.345	142	70985	14.931	ug/l	97
11) Tert butyl alcohol	5.298	59	106732	74.985	ug/l	100
12) 1,1-Dichloroethene	4.116	96	60502	14.584	ug/l	96
13) Acrolein	3.987	56	44704	94.960	ug/l	97
14) Allyl chloride	4.763	41	126500	15.019	ug/l	93
15) Acrylonitrile	5.481	53	255579	81.835	ug/l	98
16) Acetone	4.228	43	224762	80.368	ug/l	100
17) Carbon Disulfide	4.457	76	152329	13.697	ug/l	100
18) Methyl Acetate	4.787	43	118473	14.836	ug/l	93
19) Methyl tert-butyl Ether	5.540	73	233178	15.386	ug/l	100
20) Methylene Chloride	5.022	84	73956	14.929	ug/l	96
21) trans-1,2-Dichloroethene	5.516	96	63433	14.433	ug/l	97
22) Diisopropyl ether	6.416	45	244754	15.696	ug/l	95
23) Vinyl Acetate	6.351	43	1132756	79.992	ug/l	96
24) 1,1-Dichloroethane	6.304	63	128039	15.711	ug/l	99
25) 2-Butanone	7.263	43	368239	82.510	ug/l	91
26) 2,2-Dichloropropane	7.251	77	106721	14.467	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	78943	14.834	ug/l	97
28) Bromochloromethane	7.586	49	53108	15.119	ug/l	91
29) Tetrahydrofuran	7.616	42	246450	83.517	ug/l	89
30) Chloroform	7.745	83	128069	15.197	ug/l	99
31) Cyclohexane	8.028	56	111045	15.224	ug/l	95
32) 1,1,1-Trichloroethane	7.945	97	112230	15.141	ug/l	99
36) 1,1-Dichloropropene	8.151	75	90255	13.979	ug/l	98
37) Ethyl Acetate	7.339	43	145719	15.598	ug/l	95
38) Carbon Tetrachloride	8.139	117	94412	13.635	ug/l	99
39) Methylcyclohexane	9.392	83	108717	13.582	ug/l	98
40) Benzene	8.392	78	286991	13.964	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	65487	13.484	ug/l	92
42) 1,2-Dichloroethane	8.463	62	104288	14.091	ug/l	100
43) Isopropyl Acetate	8.492	43	210284	14.434	ug/l	95
44) Trichloroethene	9.151	130	72508	13.262	ug/l	98
45) 1,2-Dichloropropane	9.427	63	72126	13.888	ug/l	100
46) Dibromomethane	9.510	93	49723	13.854	ug/l	98
47) Bromodichloromethane	9.698	83	100791	13.886	ug/l	97
48) Methyl methacrylate	9.492	41	93735	14.125	ug/l	94
49) 1,4-Dioxane	9.504	88	41941	297.488	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	681506	72.149	ug/l	93
52) Toluene	10.439	92	180530	13.633	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	107594	13.041	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	116204	13.556	ug/l	95
55) 1,1,2-Trichloroethane	10.833	97	75204	14.022	ug/l	98
56) Ethyl methacrylate	10.698	69	124059	13.673	ug/l	87
57) 1,3-Dichloropropane	10.980	76	126576	13.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	283487	85.927	ug/l	97
59) 2-Hexanone	11.022	43	532248	75.974	ug/l	90
60) Dibromochloromethane	11.174	129	76978	13.480	ug/l	98
61) 1,2-Dibromoethane	11.280	107	78776	13.587	ug/l	98
64) Tetrachloroethene	10.910	164	59154	13.672	ug/l	94
65) Chlorobenzene	11.704	112	186269	15.474	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	71576	15.396	ug/l	100
67) Ethyl Benzene	11.780	91	330434	15.511	ug/l	100
68) m/p-Xylenes	11.886	106	252520	30.816	ug/l	96
69) o-Xylene	12.216	106	129255	15.383	ug/l	97
70) Styrene	12.227	104	210477	16.176	ug/l	99
71) Bromoform	12.392	173	54131	14.544	ug/l #	97
73) Isopropylbenzene	12.516	105	326822	16.666	ug/l	99
74) N-amyl acetate	12.327	43	168265	19.710	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	118868	18.417	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	150088	24.961	ug/l #	1
77) Bromobenzene	12.792	156	78713	17.167	ug/l	90
78) n-propylbenzene	12.857	91	360801	17.616	ug/l	99
79) 2-Chlorotoluene	12.939	91	229804	17.294	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	270128	17.125	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	38788	18.062	ug/l	98
82) 4-Chlorotoluene	13.039	91	213447	17.294	ug/l	99
83) tert-Butylbenzene	13.257	119	251445	17.738	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	271979	17.925	ug/l	98
85) sec-Butylbenzene	13.433	105	326904	17.841	ug/l	99
86) p-Isopropyltoluene	13.551	119	267852	18.067	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	136895	18.169	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	137480	18.028	ug/l	99
89) n-Butylbenzene	13.874	91	214190	18.676	ug/l	98
90) Hexachloroethane	14.139	117	49198	15.551	ug/l	91
91) 1,2-Dichlorobenzene	13.921	146	144342	18.848	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	29570	18.470	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	79849	20.610	ug/l	96
94) Hexachlorobutadiene	15.292	225	33661	17.662	ug/l	100
95) Naphthalene	15.427	128	314167	23.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	83873	21.743	ug/l	99

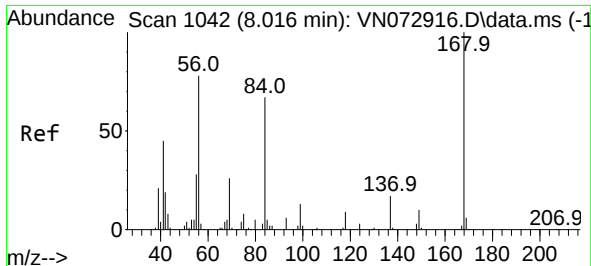
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Response via : Initial Calibration

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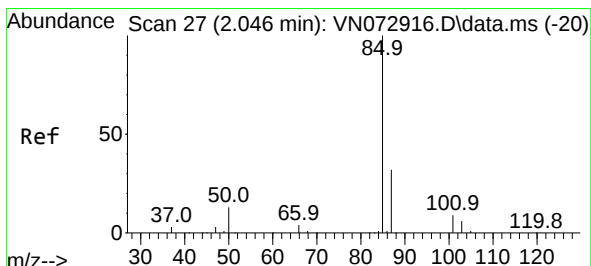
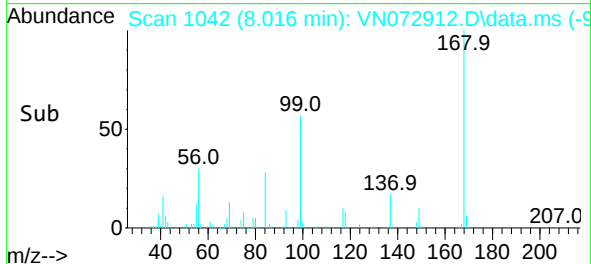
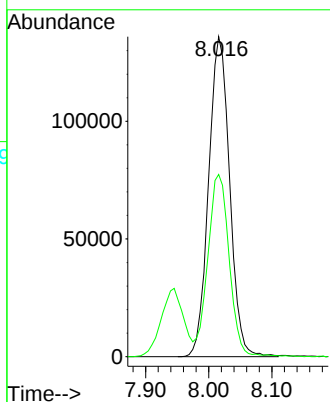
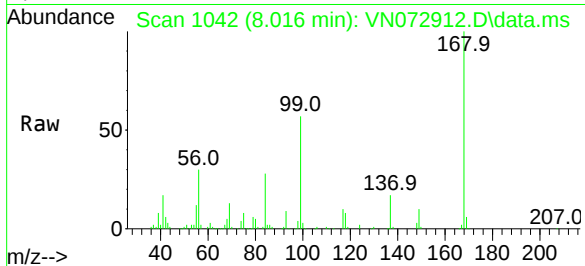
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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Acq: 17 Jun 2022 15:02

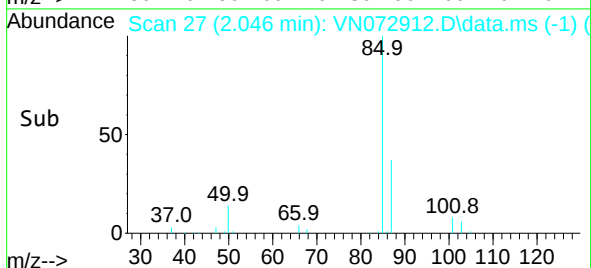
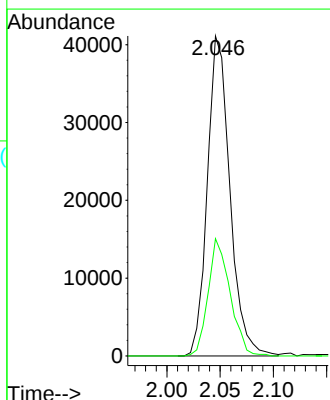
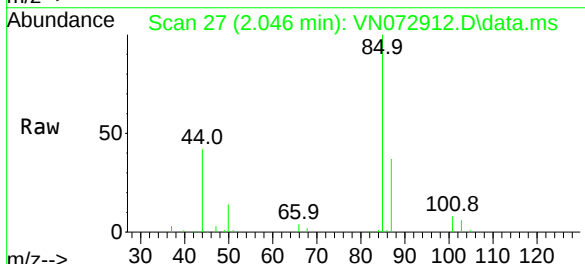
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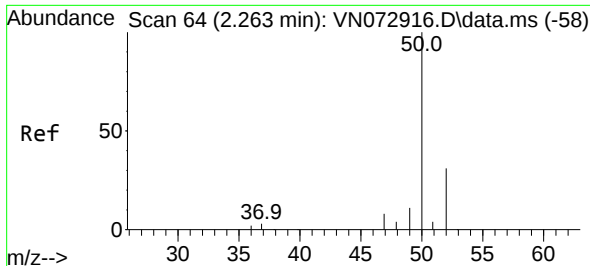
Tgt Ion:168 Resp: 314171
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 14.711 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 85 Resp: 60528
Ion Ratio Lower Upper
85 100
87 36.7 15.7 47.1

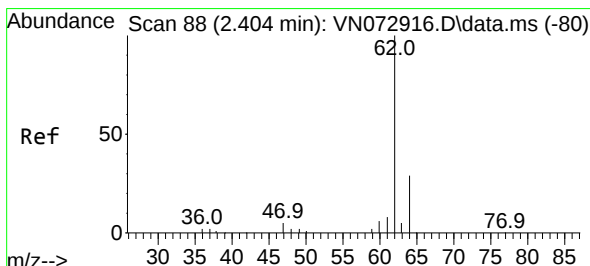
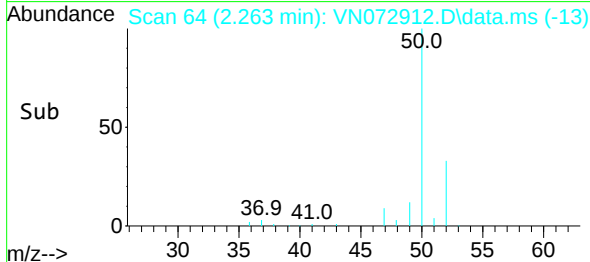
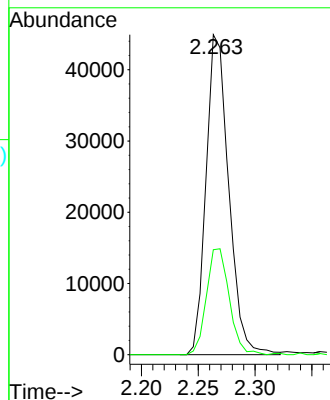
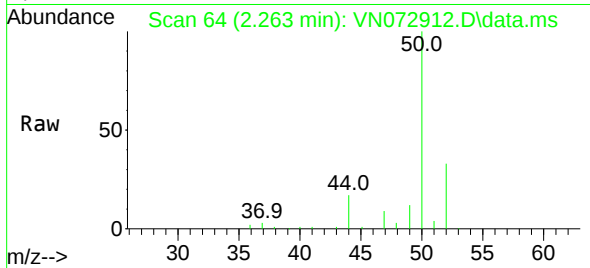




#3
Chloromethane
Concen: 13.352 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

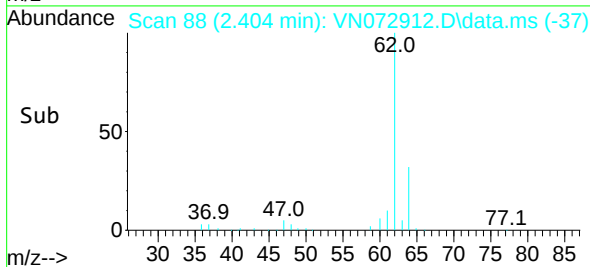
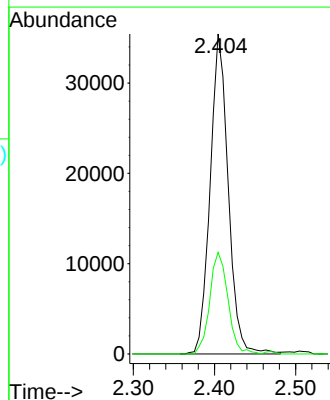
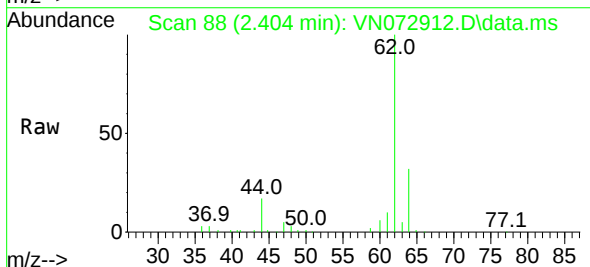
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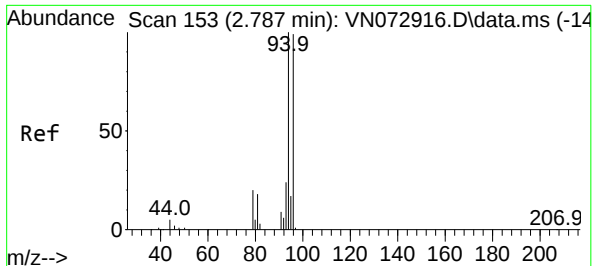
Tgt Ion: 50 Resp: 62451
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 15.078 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 62 Resp: 54845
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.4

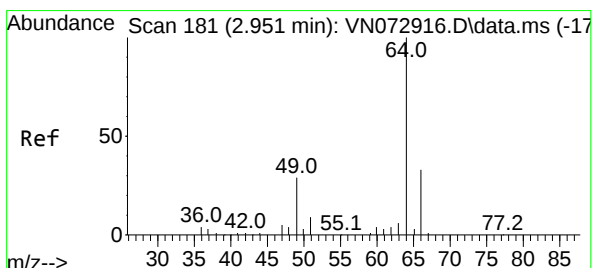
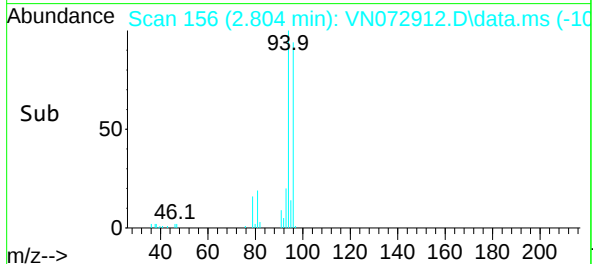
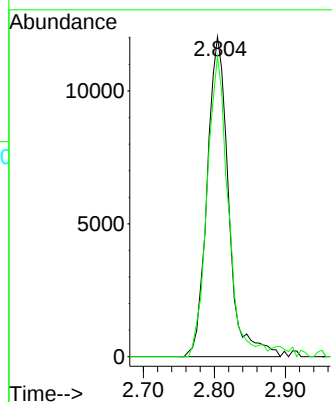
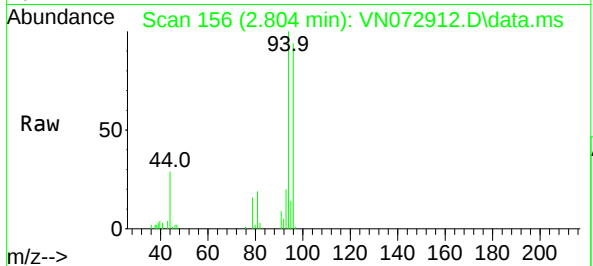




#5
Bromomethane
Concen: 18.267 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

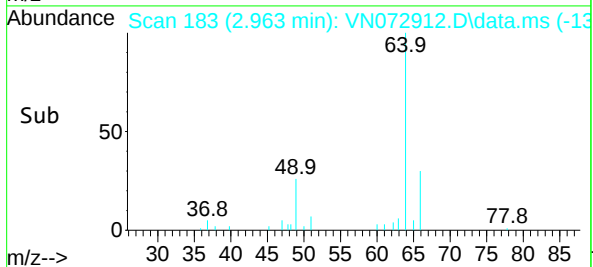
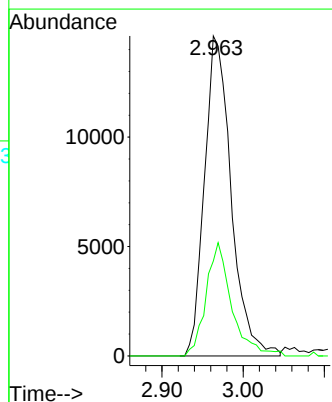
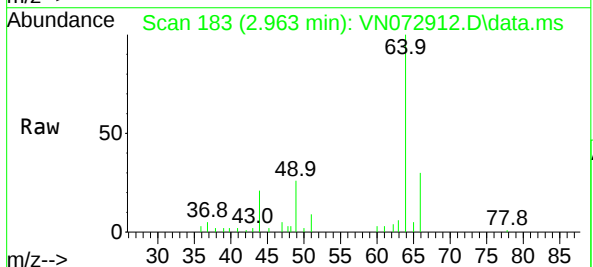
Instrument :
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Tgt Ion: 94 Resp: 25307
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0



#6
Chloroethane
Concen: 15.470 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 64 Resp: 33421
Ion Ratio Lower Upper
64 100
66 29.6 26.2 39.4

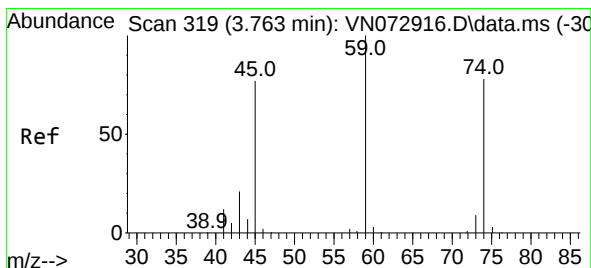
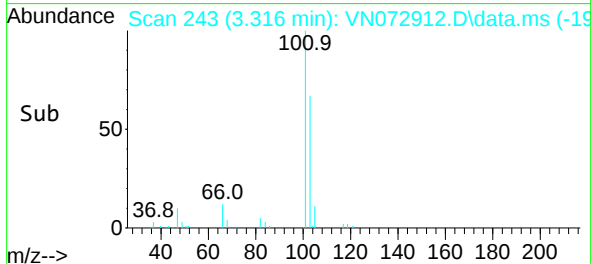
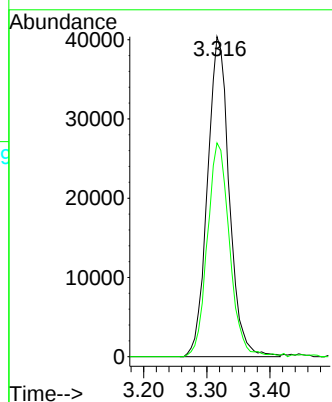
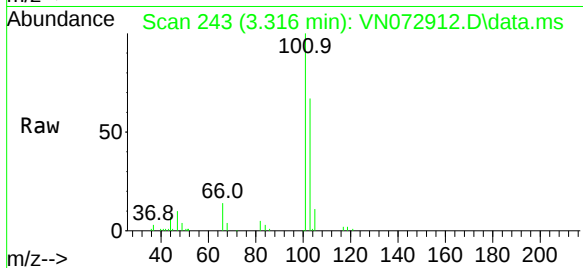




#7
Trichlorofluoromethane
Concen: 14.412 ug/l
RT: 3.316 min Scan# 241
Delta R.T. 0.012 min
Lab File: VN072912.D
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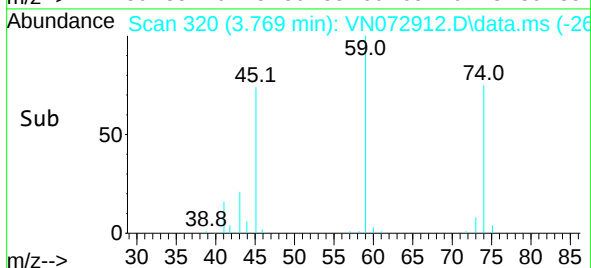
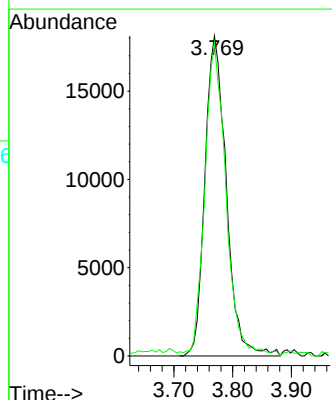
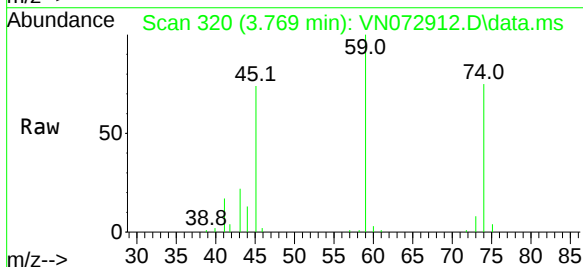
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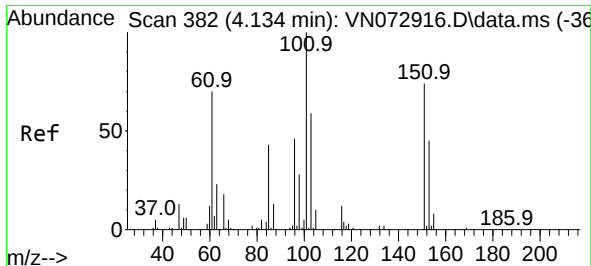
Tgt Ion:101 Resp: 96748
Ion Ratio Lower Upper
101 100
103 66.8 51.5 77.3



#8
Diethyl Ether
Concen: 15.649 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 74 Resp: 45644
Ion Ratio Lower Upper
74 100
45 97.2 42.9 128.5

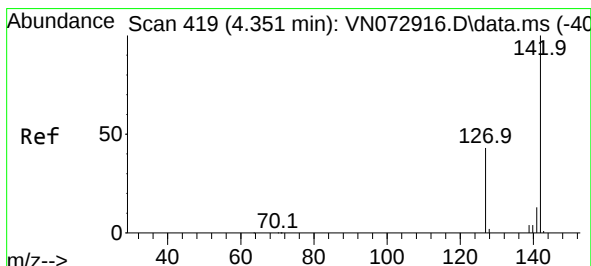
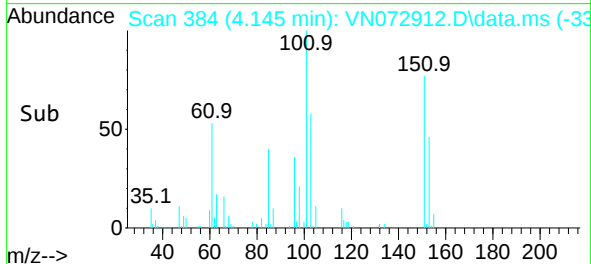
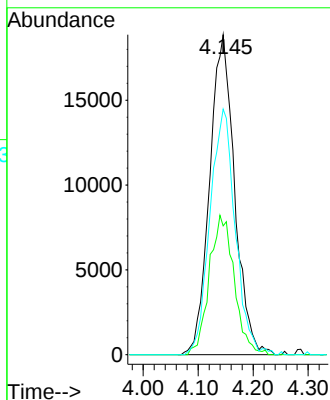
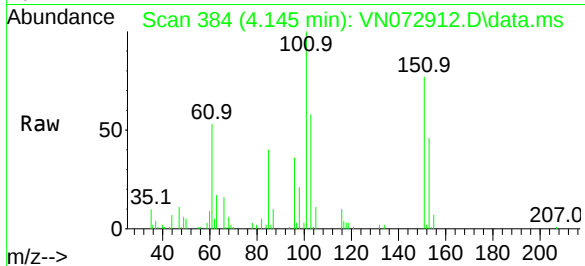




#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.094 ug/l
RT: 4.145 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

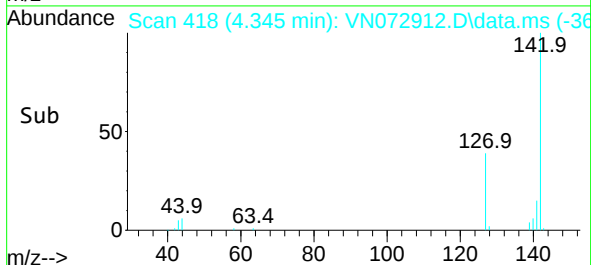
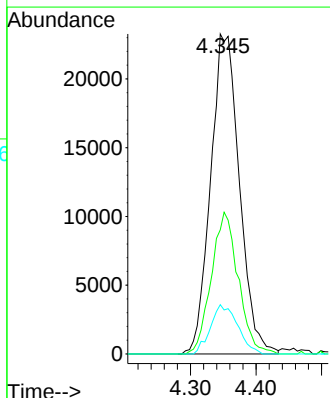
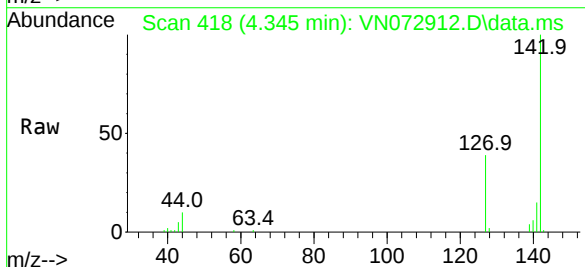
Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 59554
Ion Ratio Lower Upper
101 100
85 43.4 34.7 52.1
151 77.7 63.0 94.4



#10
Methyl Iodide
Concen: 14.931 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion:142 Resp: 70985
Ion Ratio Lower Upper
142 100
127 41.4 31.3 46.9
141 14.5 11.2 16.8

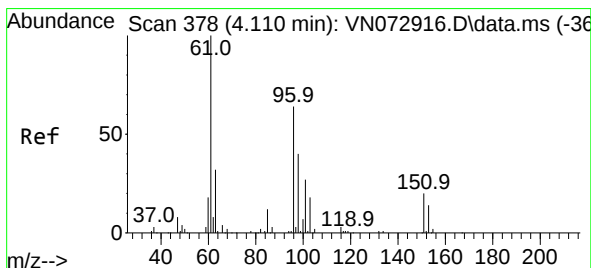
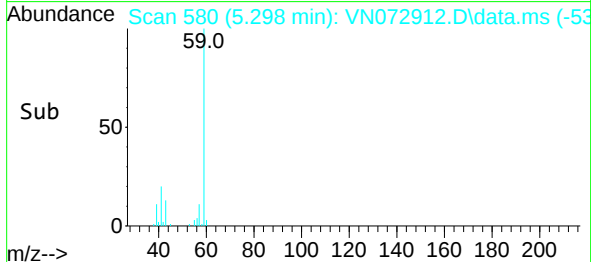
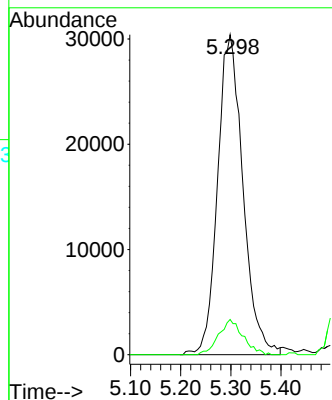
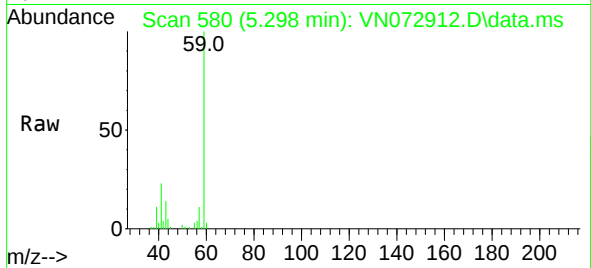




#11
Tert butyl alcohol
Concen: 74.985 ug/l
RT: 5.298 min Scan# 581
Delta R.T. -0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

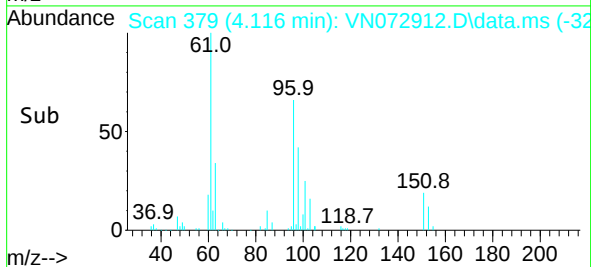
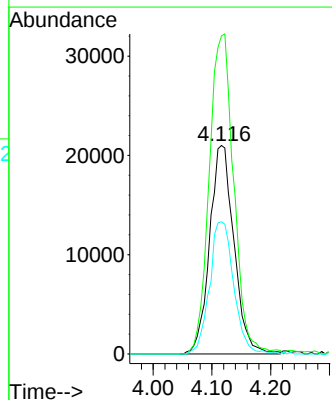
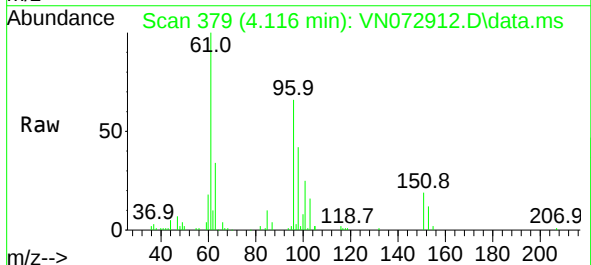
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

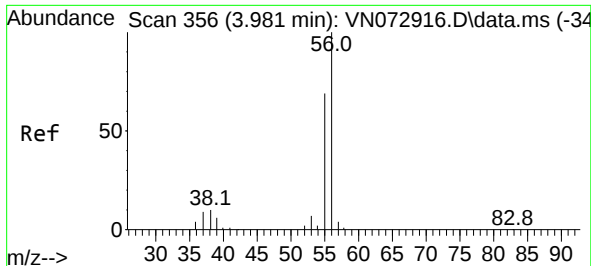
Tgt Ion: 59 Resp: 106732
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 14.584 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 96 Resp: 60502
Ion Ratio Lower Upper
96 100
61 152.6 127.6 191.4
98 63.4 51.2 76.8





#13

Acrolein

Concen: 94.960 ug/l

RT: 3.987 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

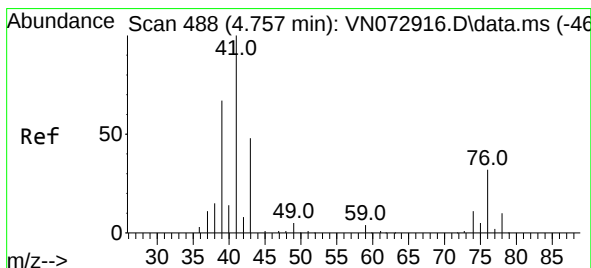
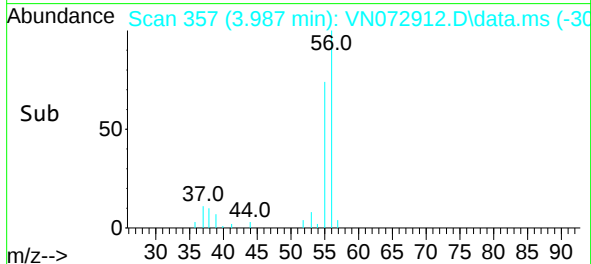
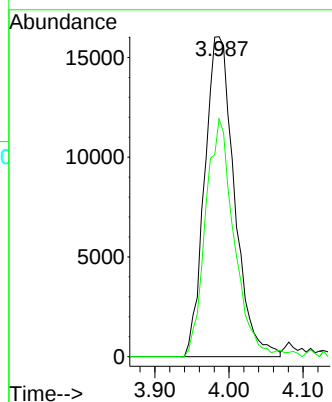
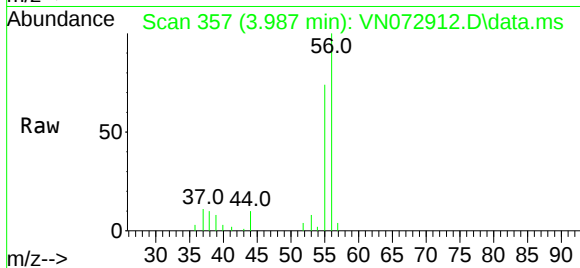
VSTDIC020

Tgt Ion: 56 Resp: 44704

Ion Ratio Lower Upper

56 100

55 70.8 54.8 82.2



#14

Allyl chloride

Concen: 15.019 ug/l

RT: 4.763 min Scan# 489

Delta R.T. 0.006 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

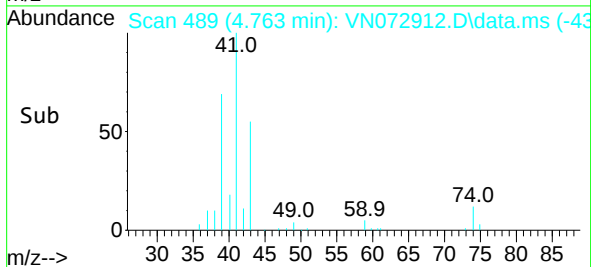
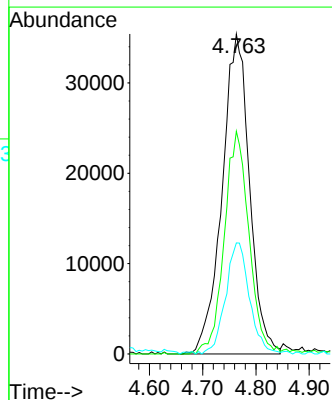
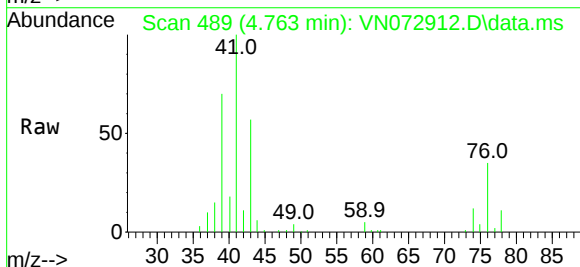
Tgt Ion: 41 Resp: 126500

Ion Ratio Lower Upper

41 100

39 62.7 53.2 79.8

76 30.2 29.9 44.9

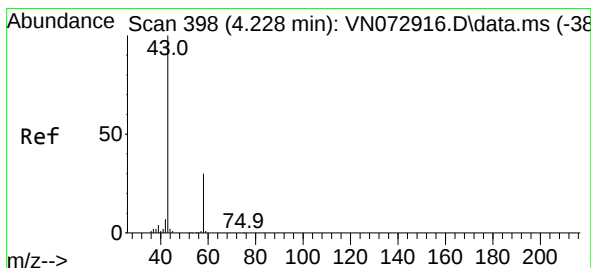
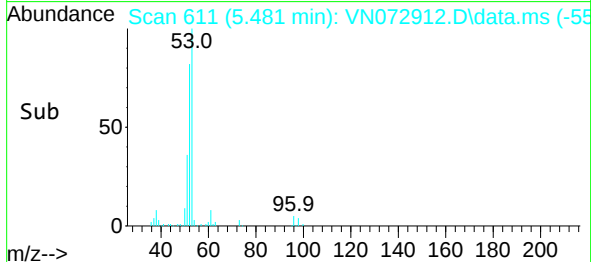
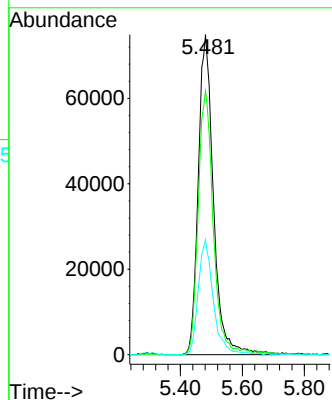
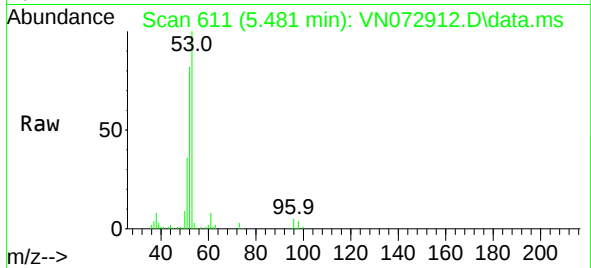




#15
Acrylonitrile
Concen: 81.835 ug/l
RT: 5.481 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

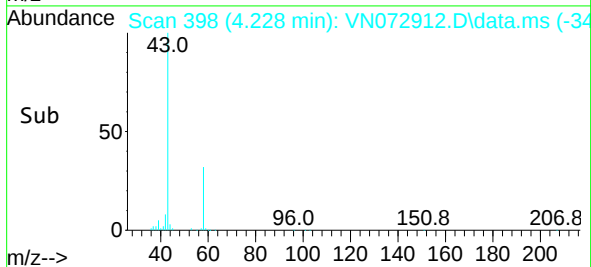
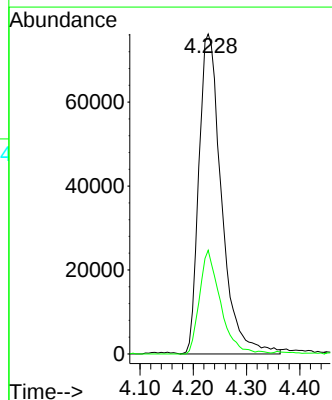
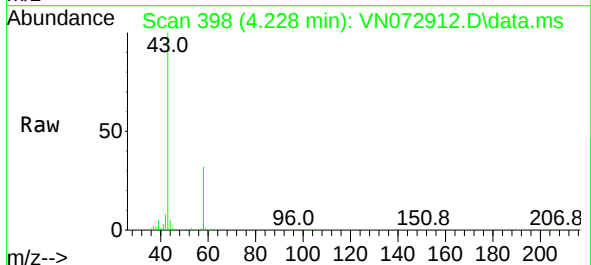
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

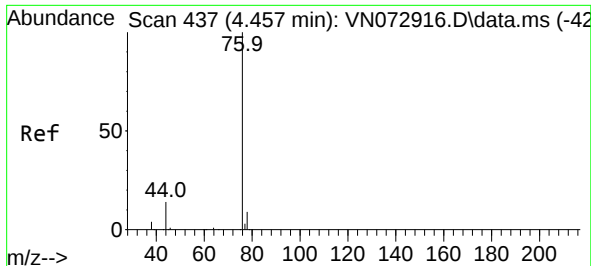
Tgt Ion: 53 Resp: 255579
Ion Ratio Lower Upper
53 100
52 80.3 66.4 99.6
51 35.2 28.5 42.7



#16
Acetone
Concen: 80.368 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 43 Resp: 224762
Ion Ratio Lower Upper
43 100
58 32.4 26.0 39.0

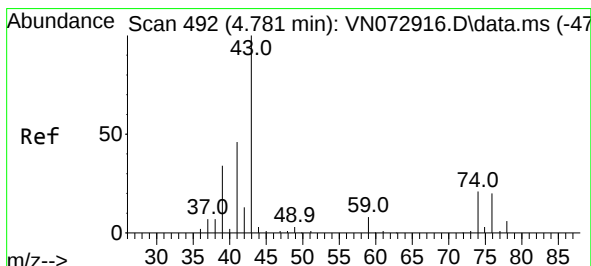
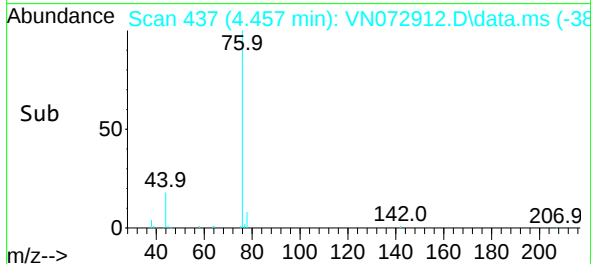
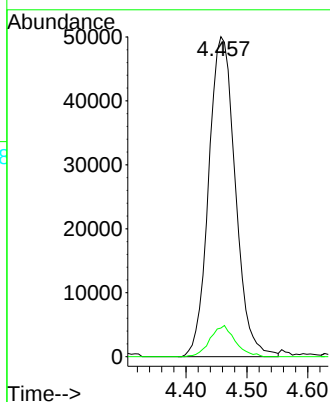
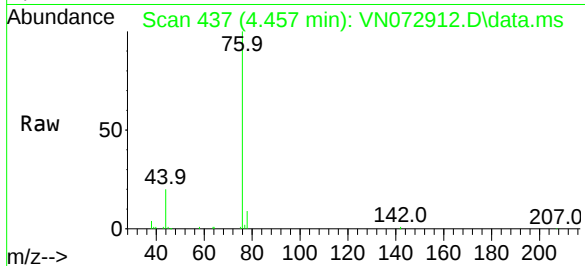




#17
Carbon Disulfide
Concen: 13.697 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

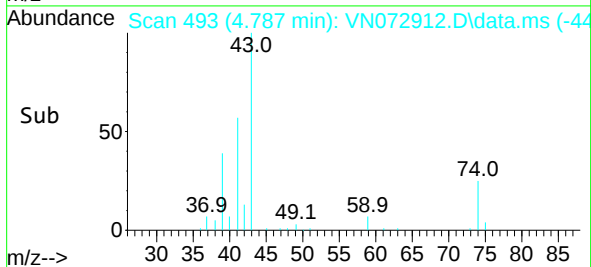
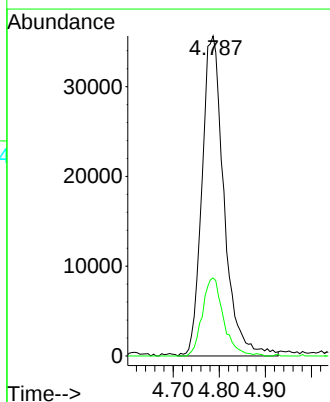
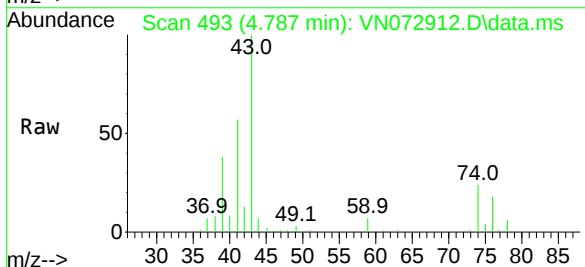
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MSVOA_N
ClientSampleId :
VSTDIC020

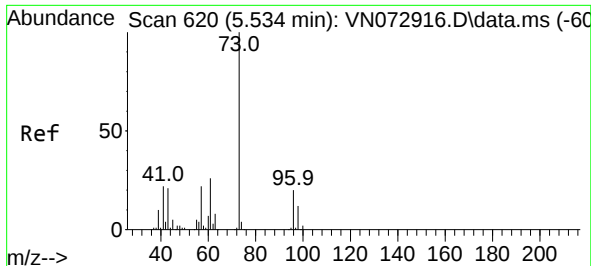
Tgt Ion: 76 Resp: 152329
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 14.836 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 43 Resp: 118473
Ion Ratio Lower Upper
43 100
74 23.3 21.6 32.4

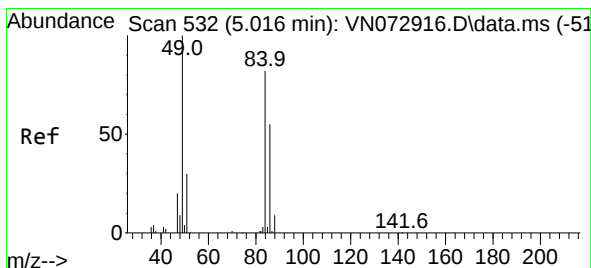
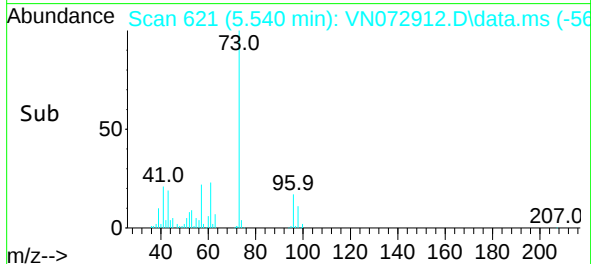
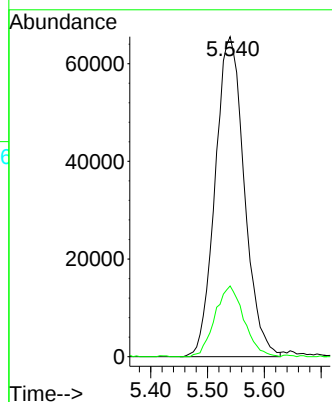
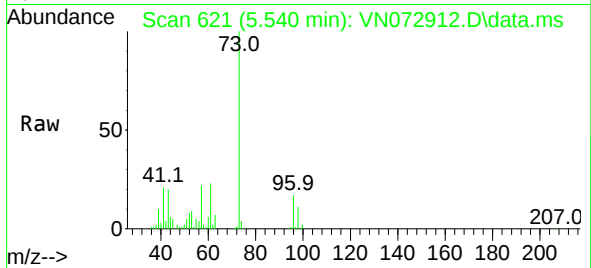




#19
Methyl tert-butyl Ether
Concen: 15.386 ug/l
RT: 5.540 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

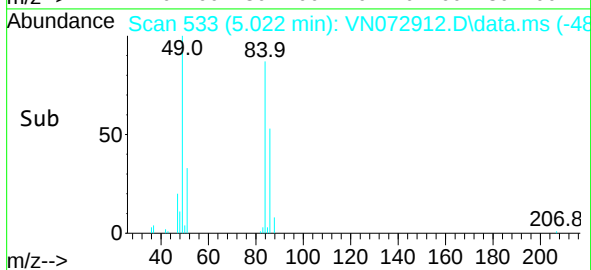
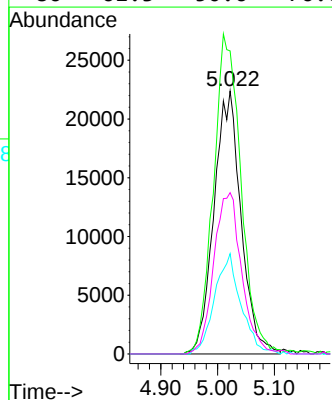
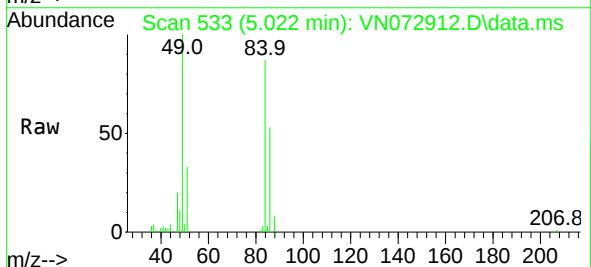
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

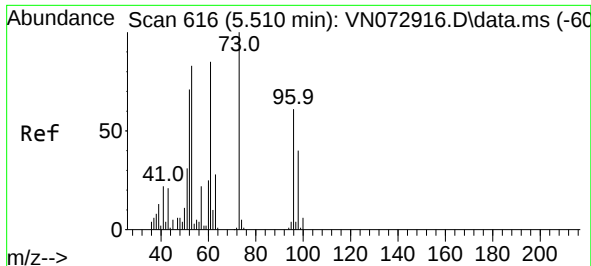
Tgt Ion: 73 Resp: 233178
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4



#20
Methylene Chloride
Concen: 14.929 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 84 Resp: 73956
Ion Ratio Lower Upper
84 100
49 115.2 88.3 132.5
51 38.2 28.2 42.2
86 61.3 50.6 76.0

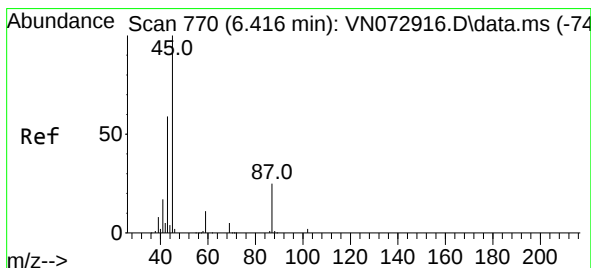
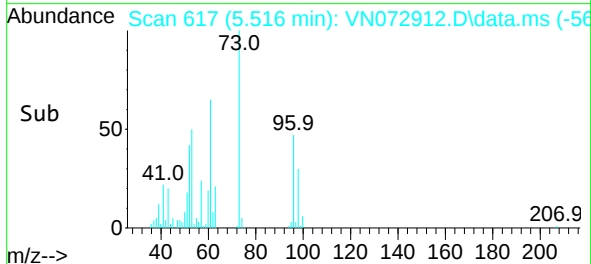
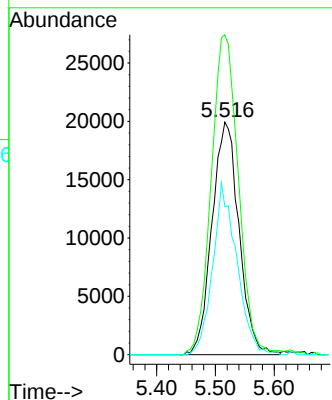
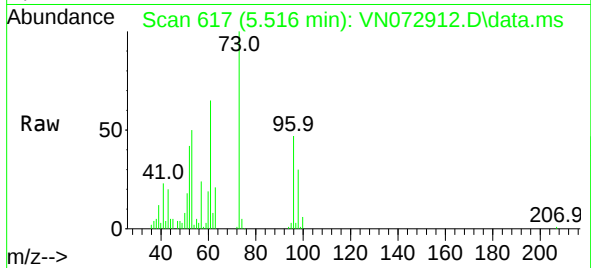




#21
trans-1,2-Dichloroethene
Concen: 14.433 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

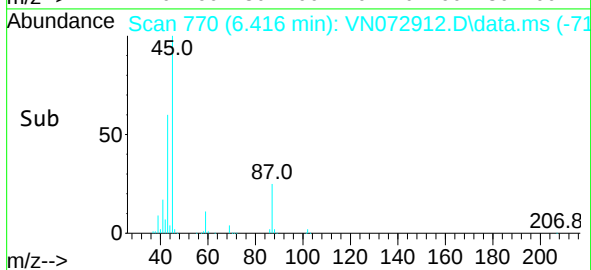
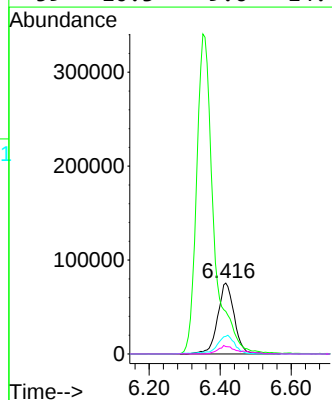
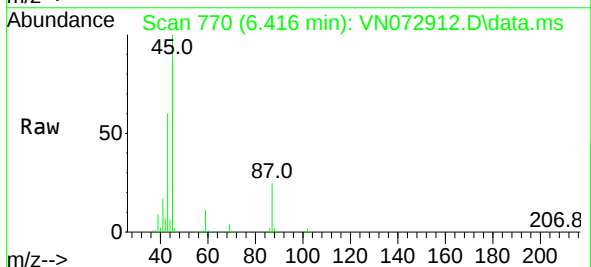
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

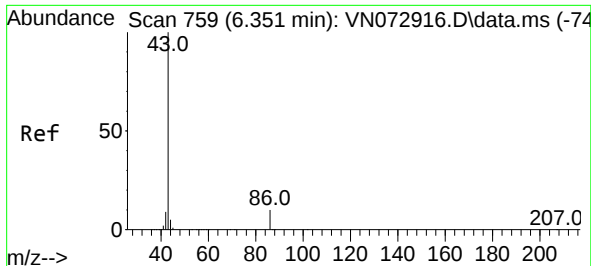
Tgt Ion: 96 Resp: 63433
Ion Ratio Lower Upper
96 100
61 137.6 105.8 158.8
98 63.6 50.3 75.5



#22
Diisopropyl ether
Concen: 15.696 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 45 Resp: 244754
Ion Ratio Lower Upper
45 100
43 59.7 46.6 70.0
87 24.8 24.3 36.5
59 10.3 9.6 14.4

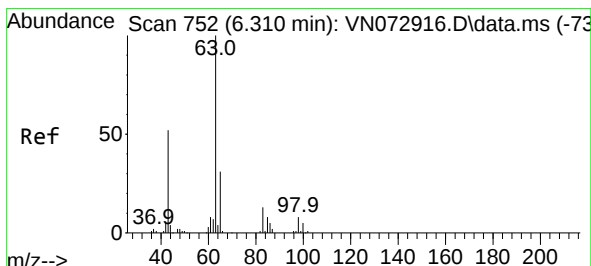
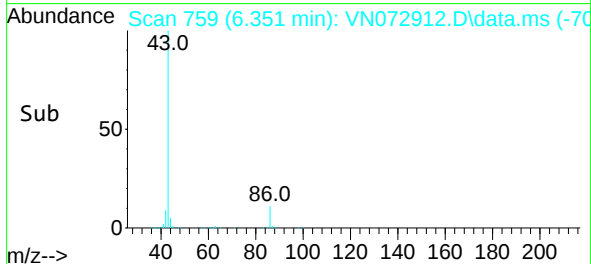
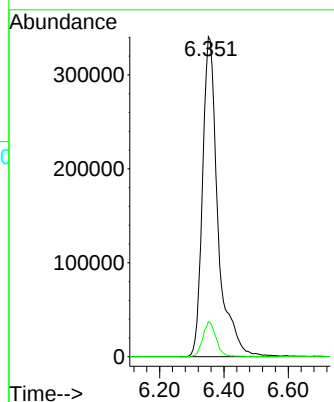
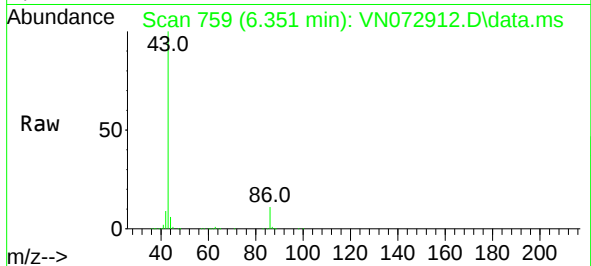




#23
 Vinyl Acetate
 Concen: 79.992 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN072912.D
 Acq: 17 Jun 2022 15:02

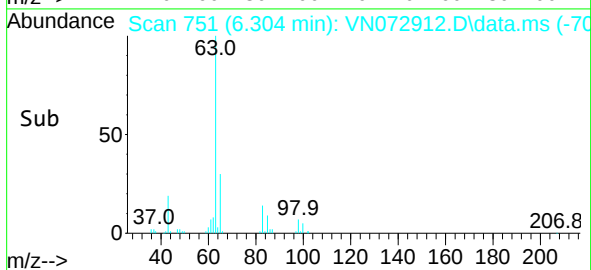
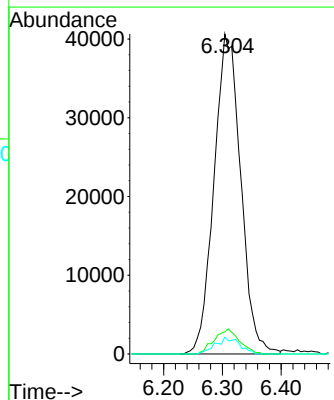
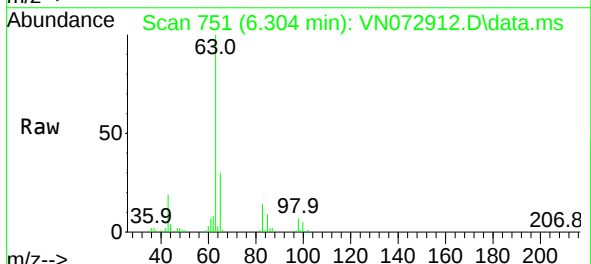
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

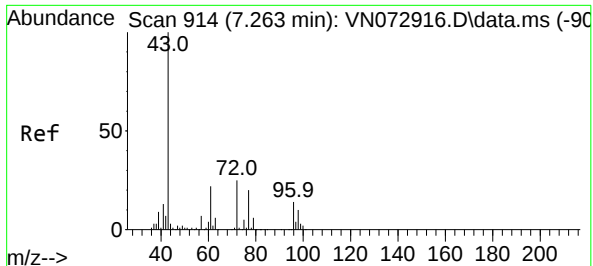
Tgt Ion: 43 Resp: 1132756
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 15.711 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN072912.D
 Acq: 17 Jun 2022 15:02

Tgt Ion: 63 Resp: 128039
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 5.3 2.3 6.8





#25

2-Butanone

Concen: 82.510 ug/l

RT: 7.263 min Scan# 914

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

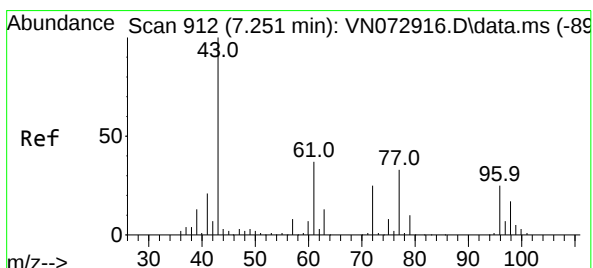
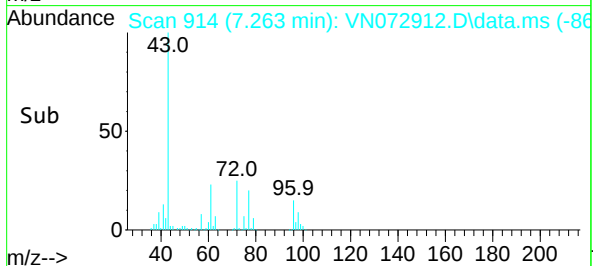
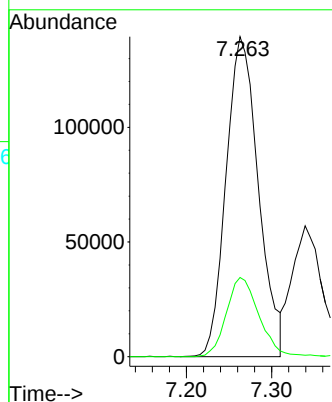
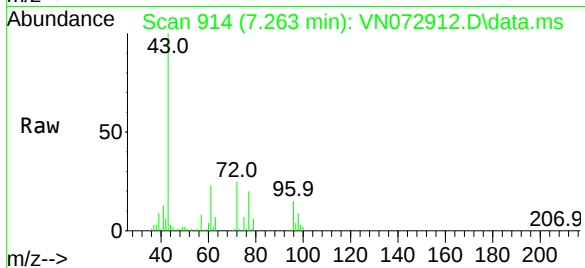
VSTDICC020

Tgt Ion: 43 Resp: 368239

Ion Ratio Lower Upper

43 100

72 24.7 23.7 35.5



#26

2,2-Dichloropropane

Concen: 14.467 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: VN072912.D

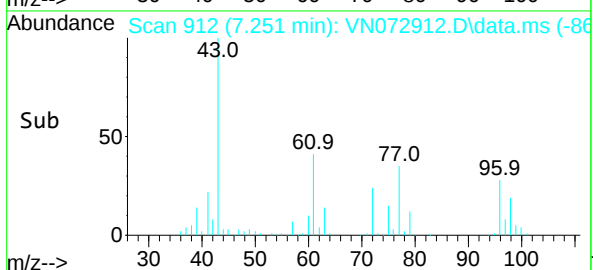
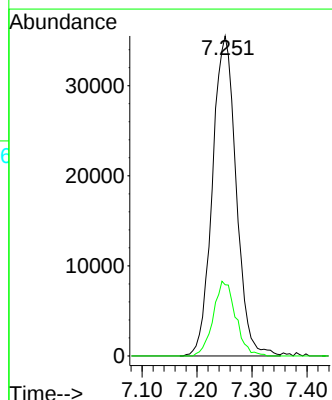
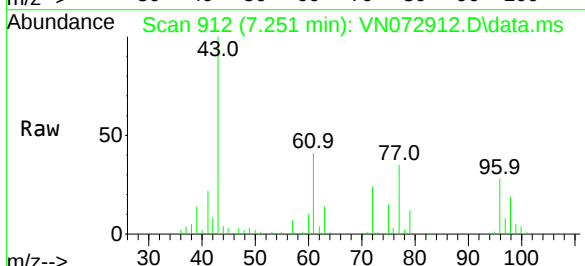
Acq: 17 Jun 2022 15:02

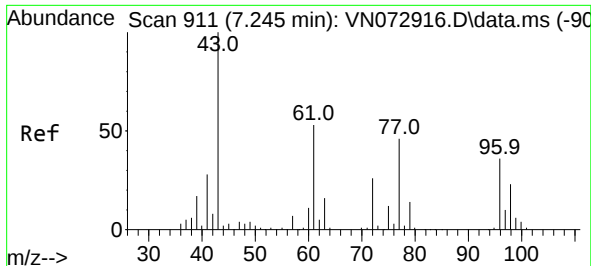
Tgt Ion: 77 Resp: 106721

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 14.834 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

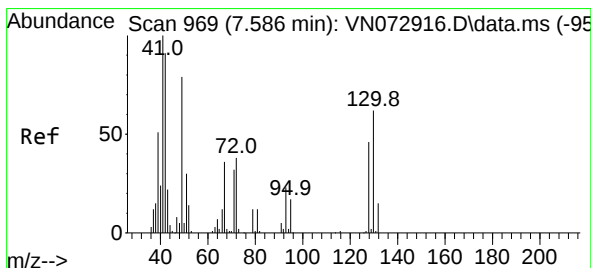
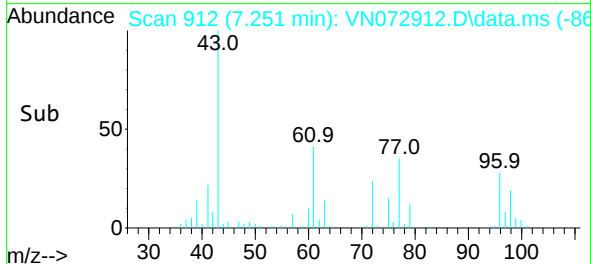
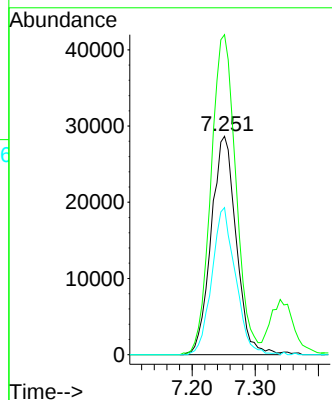
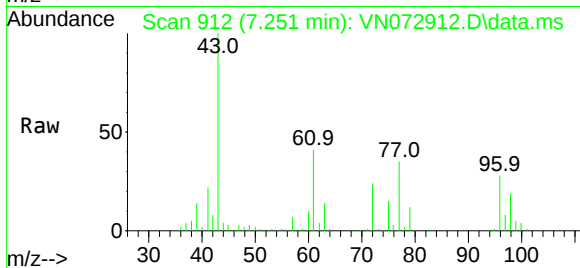
Tgt Ion: 96 Resp: 78943

Ion Ratio Lower Upper

96 100

61 145.5 0.0 280.6

98 63.5 0.0 128.4



#28

Bromochloromethane

Concen: 15.119 ug/l

RT: 7.586 min Scan# 969

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

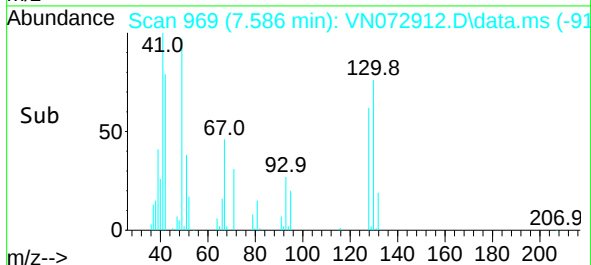
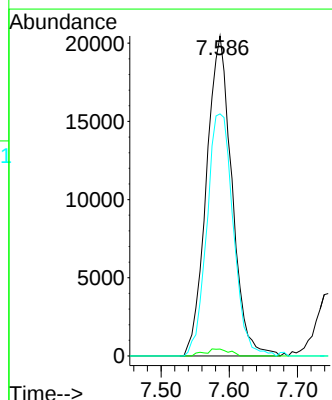
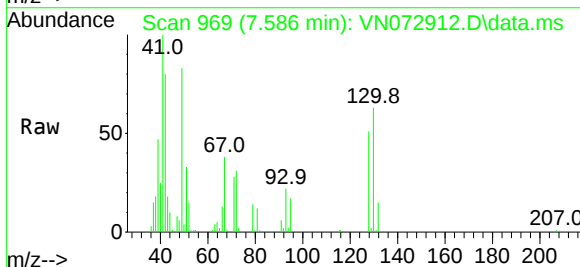
Tgt Ion: 49 Resp: 53108

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 78.5 69.7 104.5

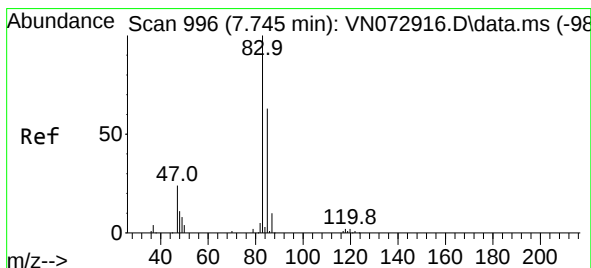
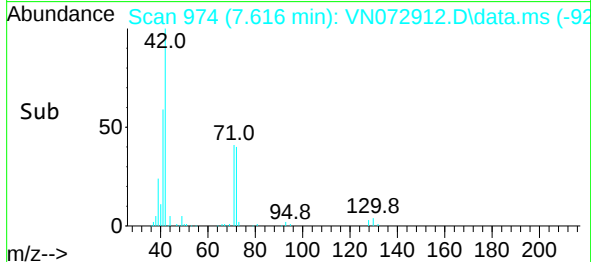
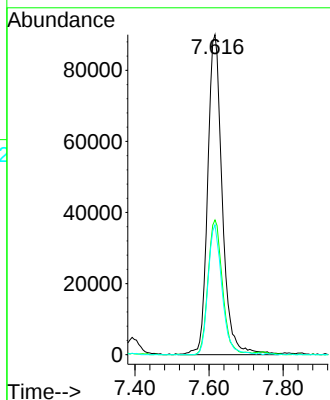
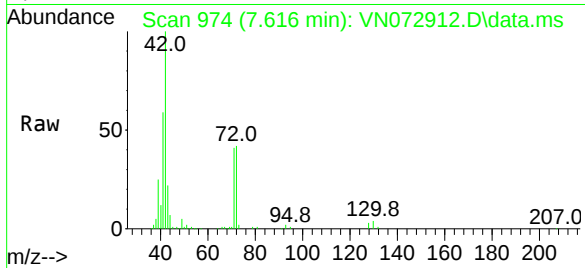




#29
Tetrahydrofuran
Concen: 83.517 ug/l
RT: 7.616 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

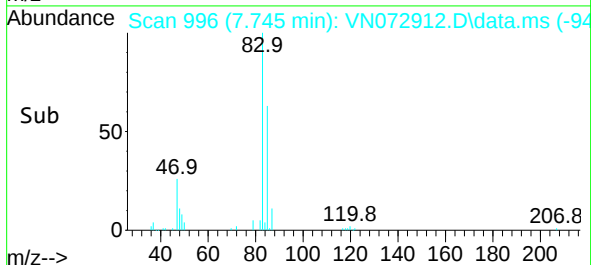
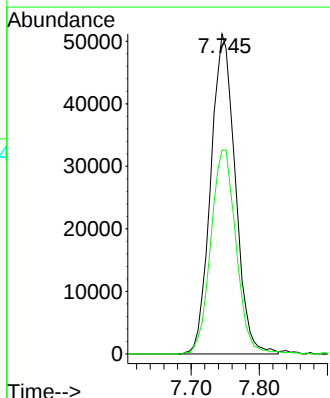
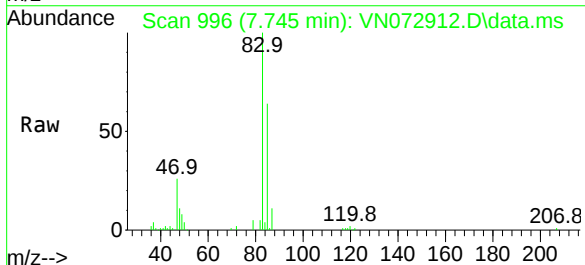
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

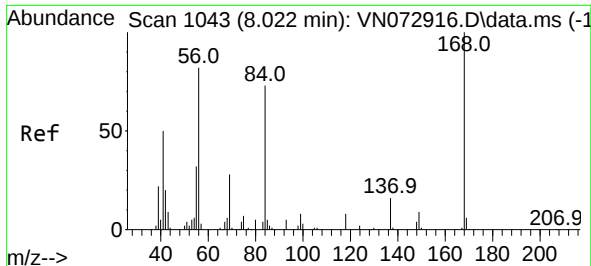
Tgt Ion: 42 Resp: 246450
Ion Ratio Lower Upper
42 100
72 41.4 39.7 59.5
71 38.7 36.6 55.0



#30
Chloroform
Concen: 15.197 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 83 Resp: 128069
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8

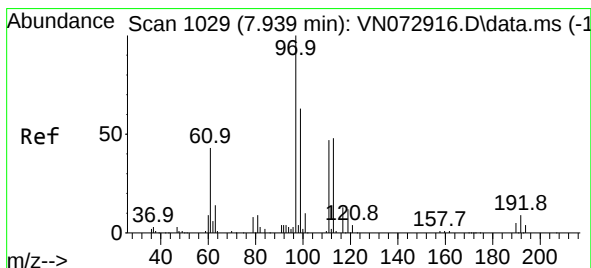
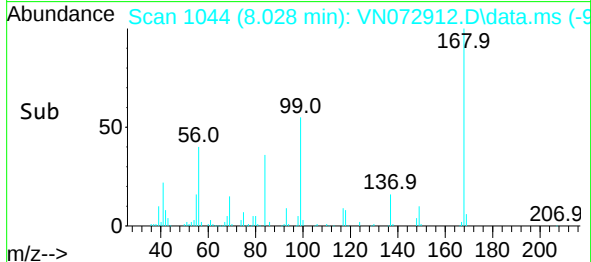
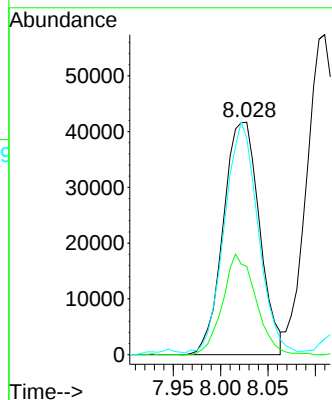
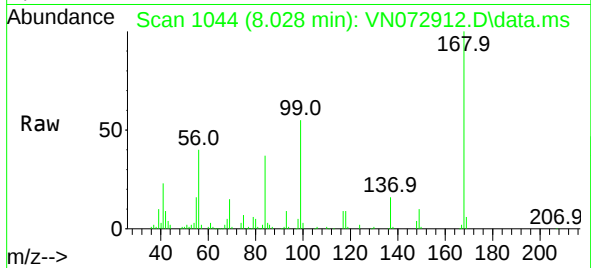




#31
Cyclohexane
Concen: 15.224 ug/l
RT: 8.028 min Scan# 11045
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

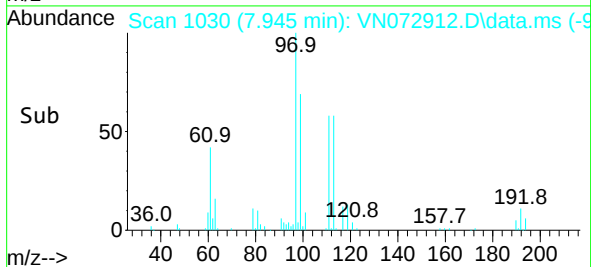
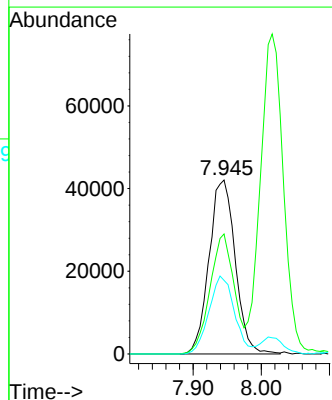
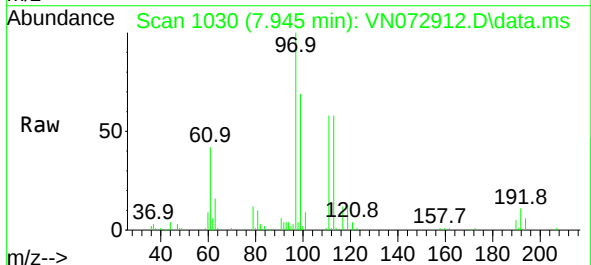
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

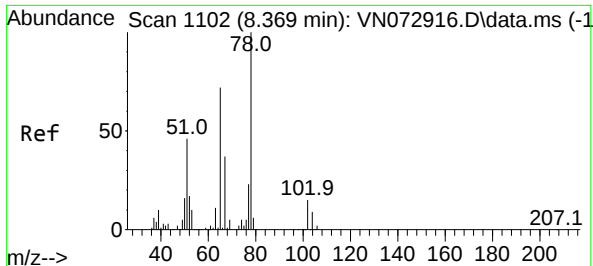
Tgt Ion: 56 Resp: 111045
Ion Ratio Lower Upper
56 100
69 37.9 27.8 41.8
84 91.9 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 15.141 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 97 Resp: 112230
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 43.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 14.893 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

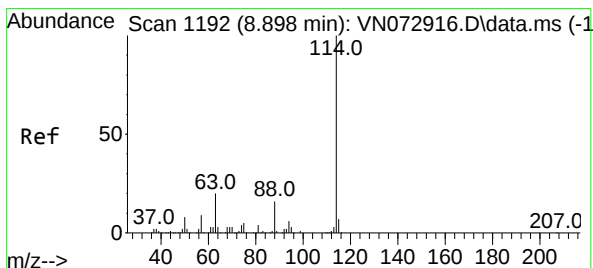
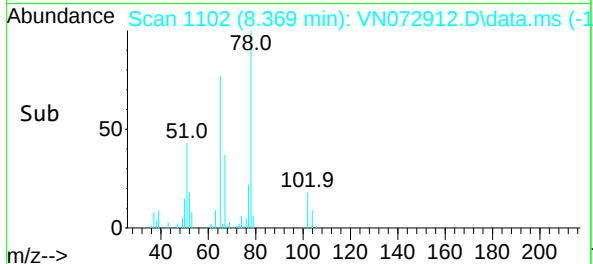
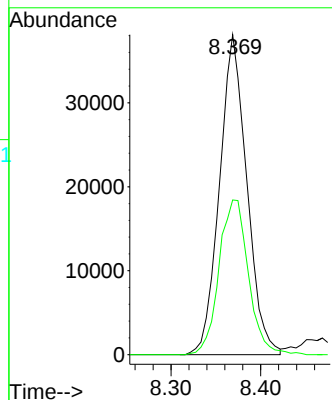
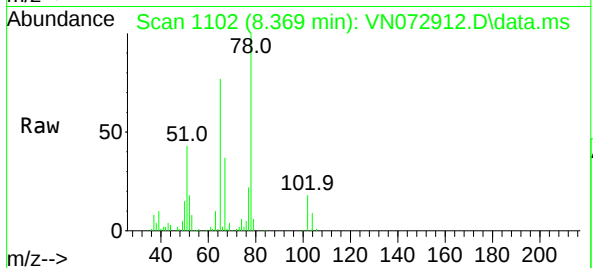
VSTDIC020

Tgt Ion: 65 Resp: 80564

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

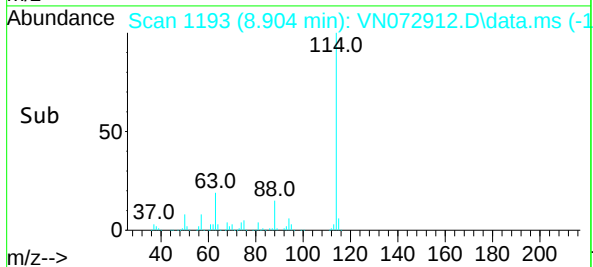
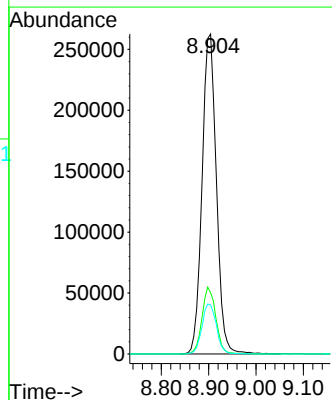
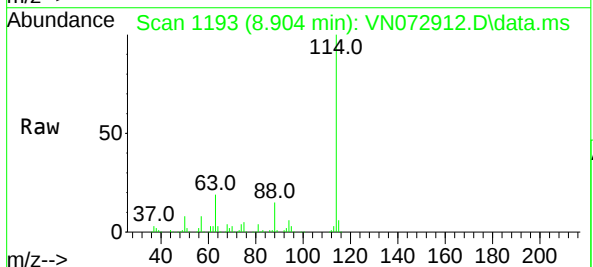
Tgt Ion: 114 Resp: 552263

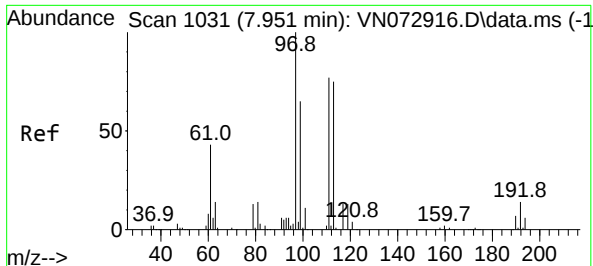
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 13.936 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

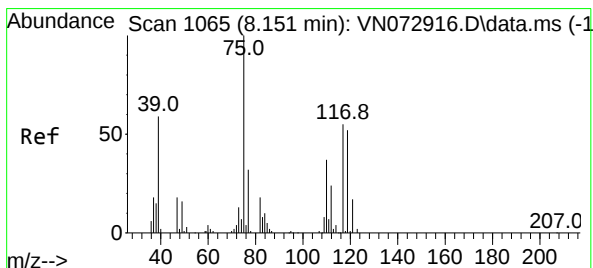
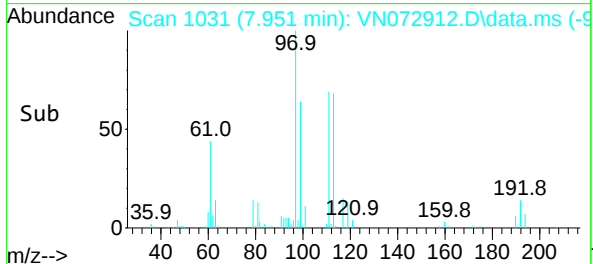
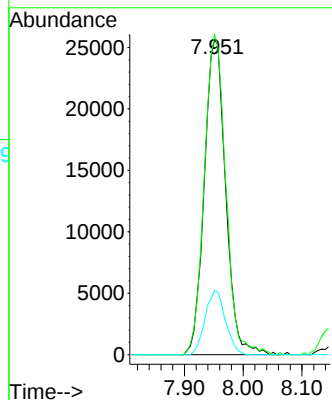
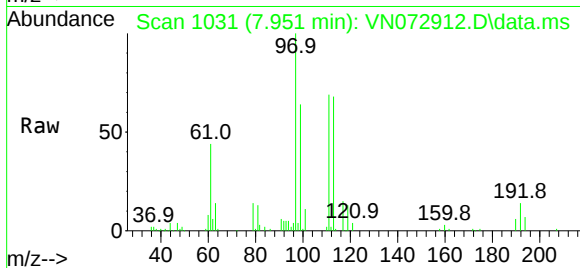
Tgt Ion:113 Resp: 64697

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 13.979 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

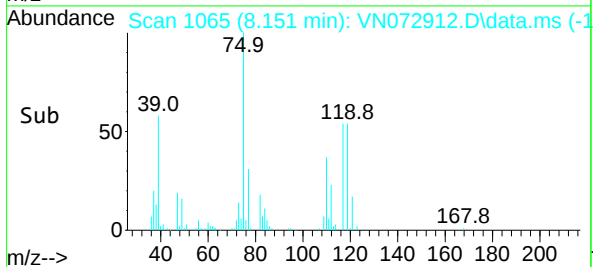
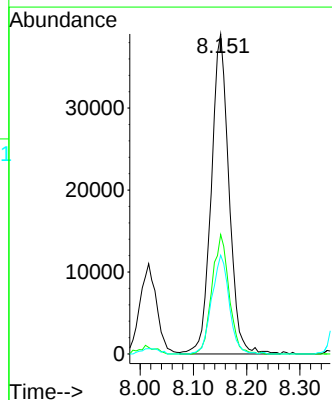
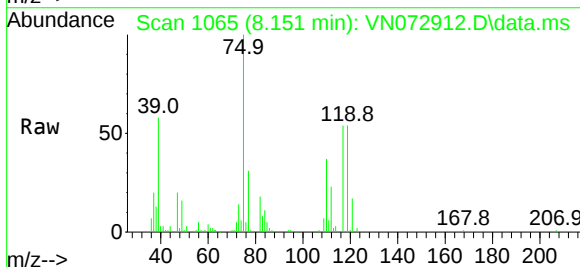
Tgt Ion: 75 Resp: 90255

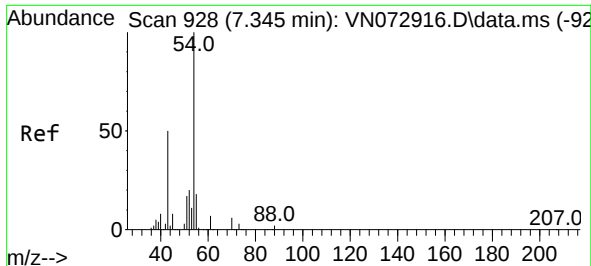
Ion Ratio Lower Upper

75 100

110 35.8 18.3 54.8

77 30.3 25.1 37.7

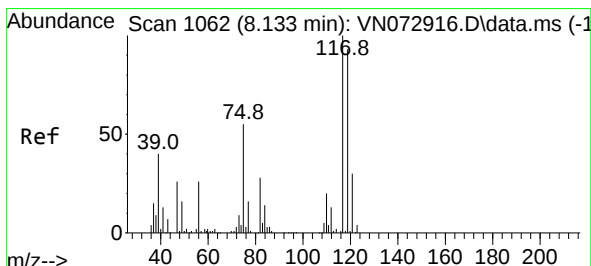
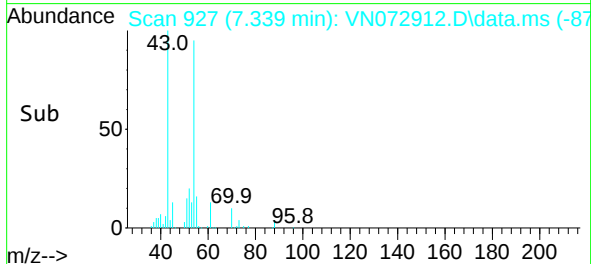
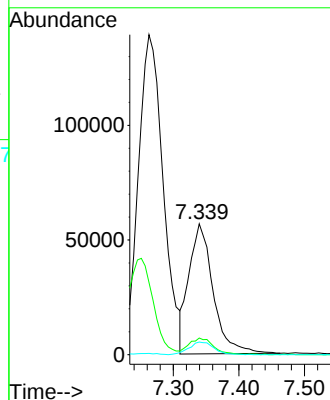
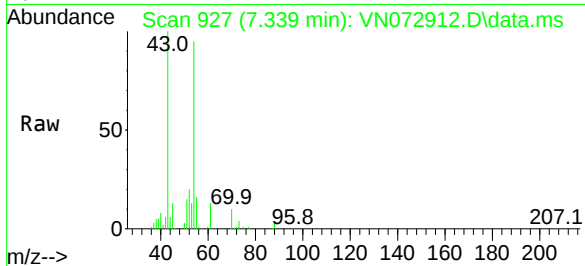




#37
Ethyl Acetate
Concen: 15.598 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

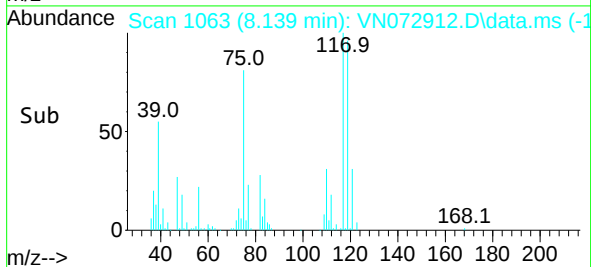
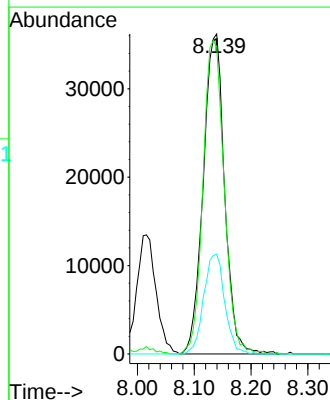
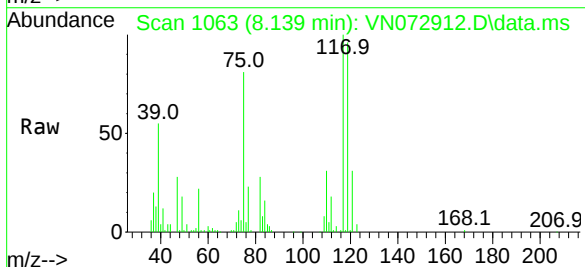
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

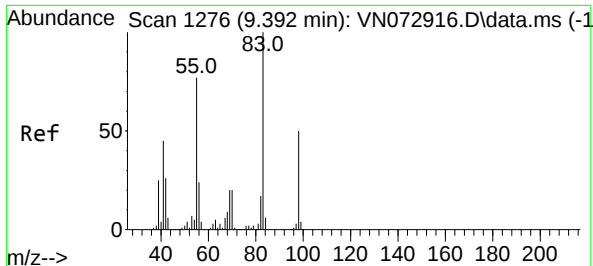
Tgt Ion: 43 Resp: 145719
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 9.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 13.635 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 117 Resp: 94412
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
121 31.2 24.6 37.0





#39

Methylcyclohexane

Concen: 13.582 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

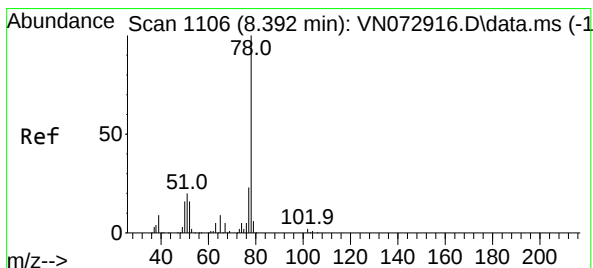
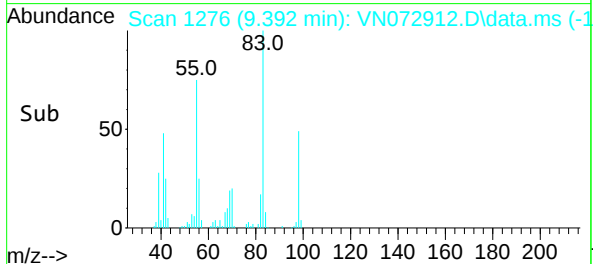
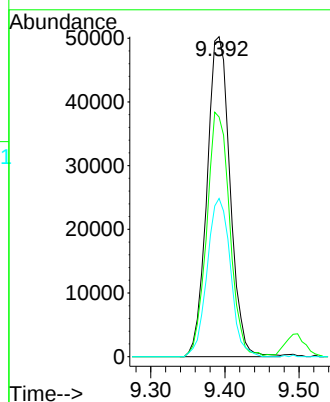
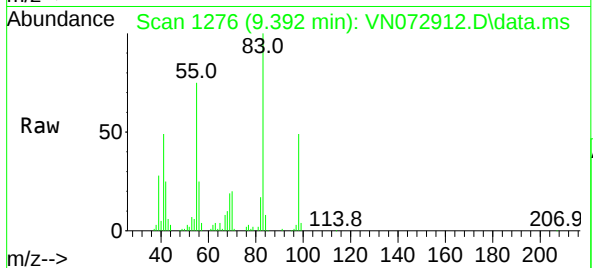
Tgt Ion: 83 Resp: 108717

Ion Ratio Lower Upper

83 100

55 74.9 57.8 86.8

98 49.5 39.4 59.2



#40

Benzene

Concen: 13.964 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN072912.D

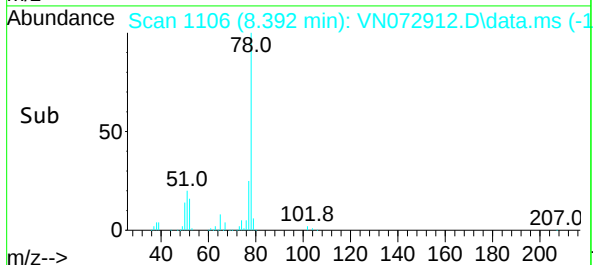
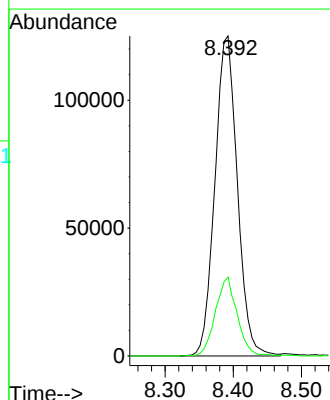
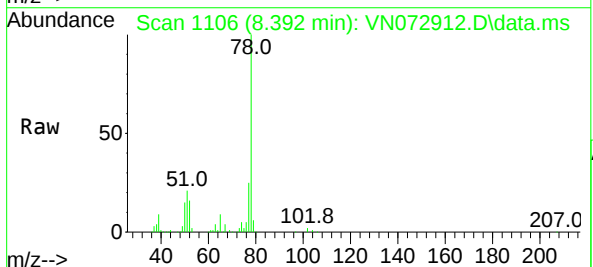
Acq: 17 Jun 2022 15:02

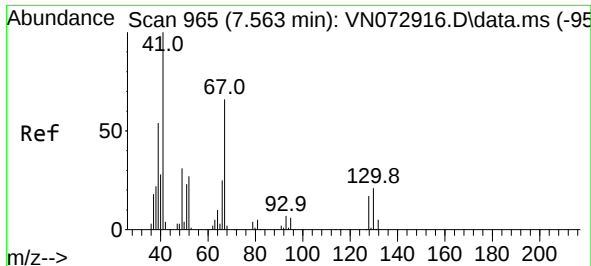
Tgt Ion: 78 Resp: 286991

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.0

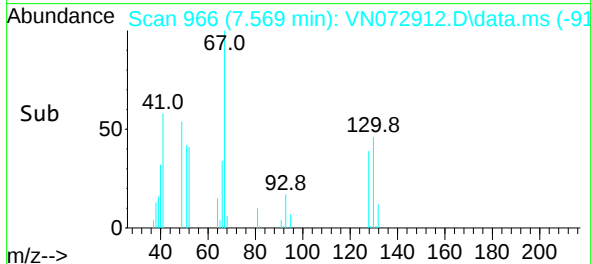
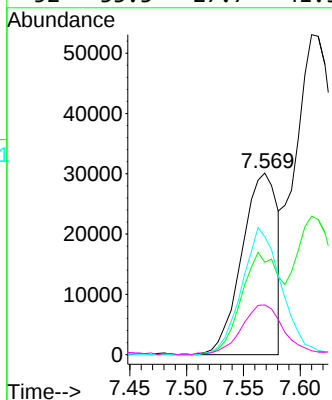
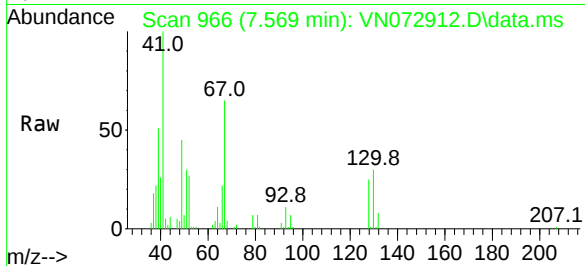




#41
Methacrylonitrile
Concen: 13.484 ug/l
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

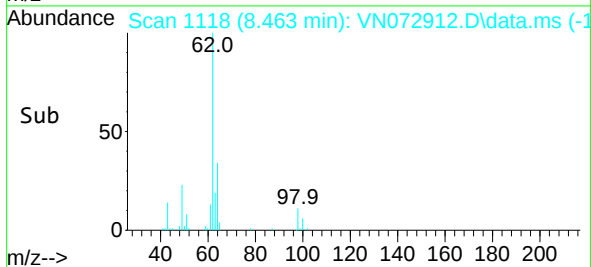
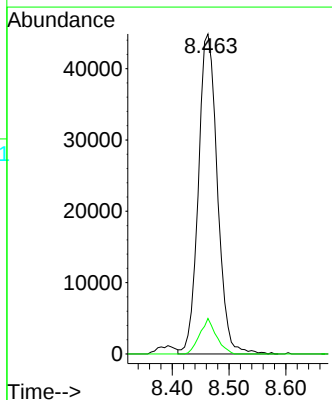
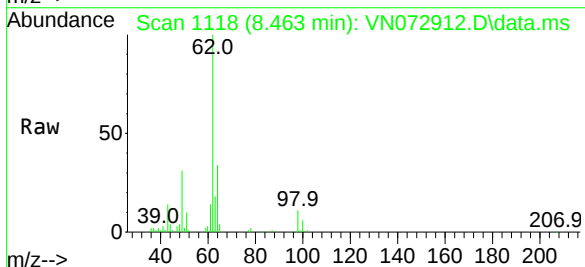
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

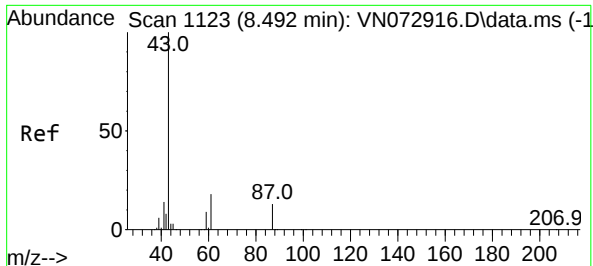
Tgt Ion:	41	Resp:	65487
Ion	Ratio	Lower	Upper
41	100		
39	61.8	48.6	73.0
67	78.8	73.4	110.2
52	33.3	27.7	41.5



#42
1,2-Dichloroethane
Concen: 14.091 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion:	62	Resp:	104288
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4

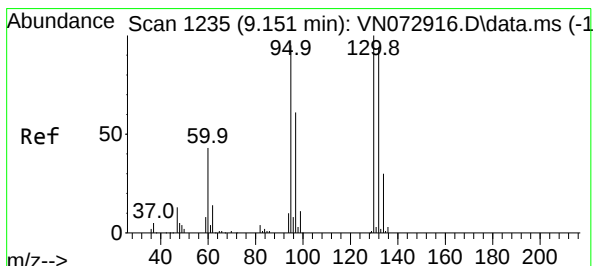
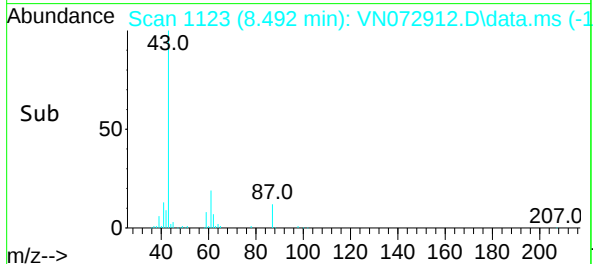
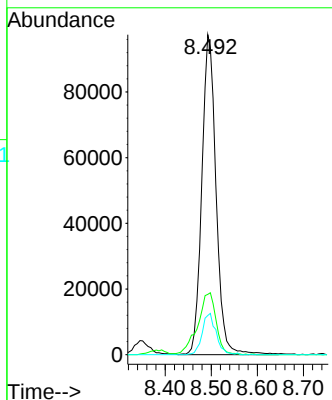
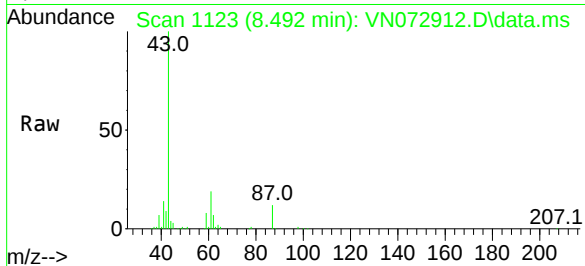




#43
Isopropyl Acetate
Concen: 14.434 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

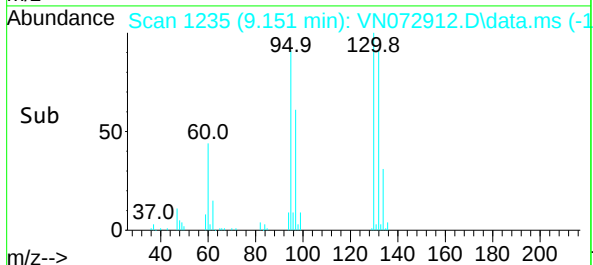
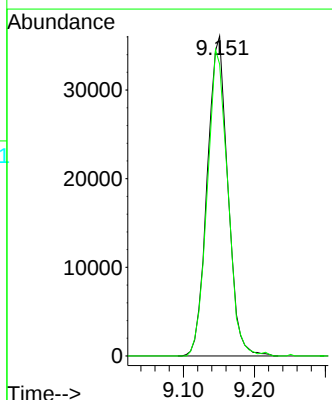
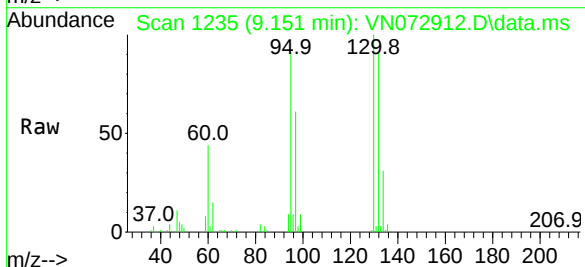
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

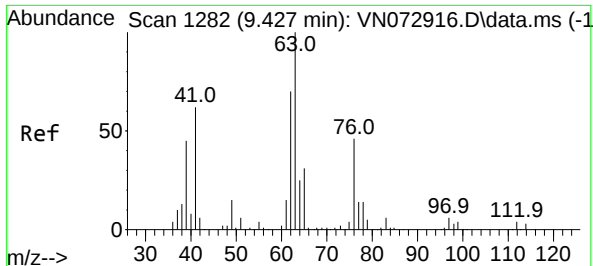
Tgt Ion: 43 Resp: 210284
Ion Ratio Lower Upper
43 100
61 25.0 21.9 32.9
87 12.6 12.0 18.0



#44
Trichloroethene
Concen: 13.262 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion:130 Resp: 72508
Ion Ratio Lower Upper
130 100
95 91.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 13.888 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

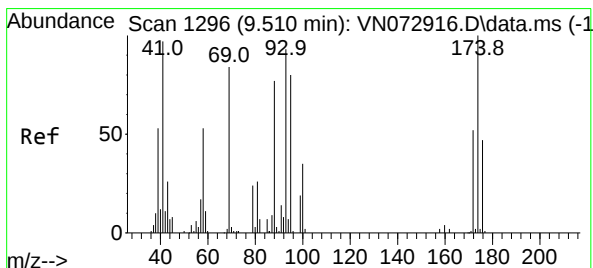
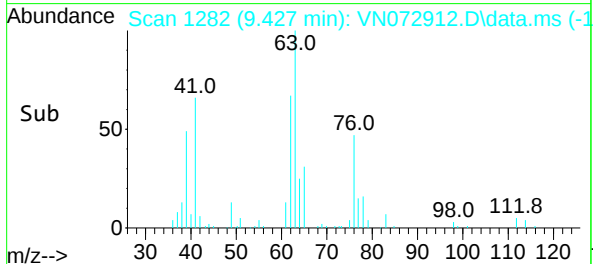
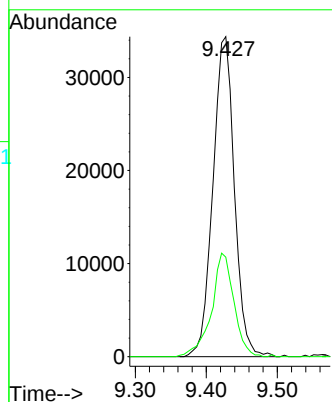
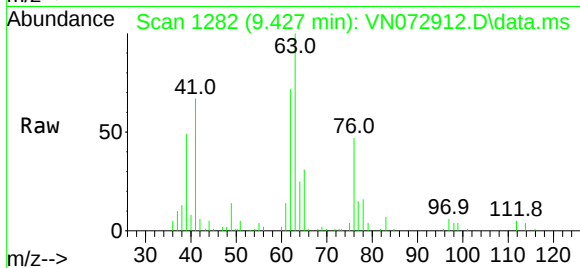
VSTDICC020

Tgt Ion: 63 Resp: 72126

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 13.854 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

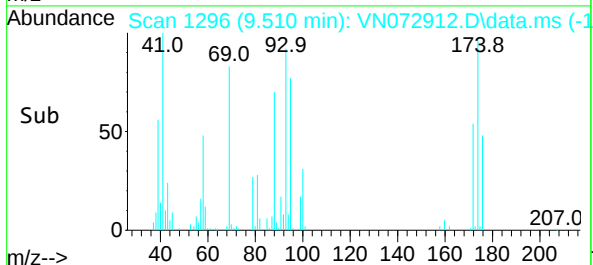
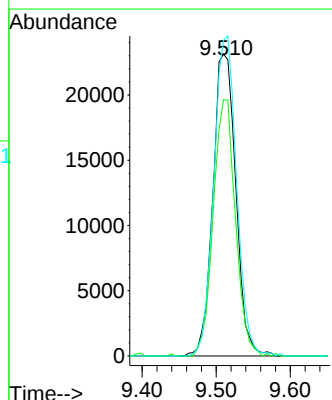
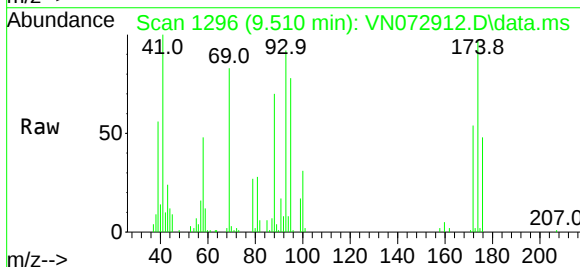
Tgt Ion: 93 Resp: 49723

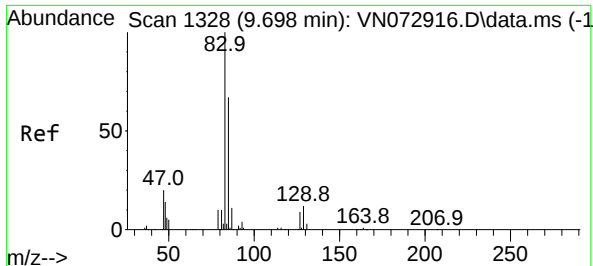
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

174 105.5 86.6 130.0

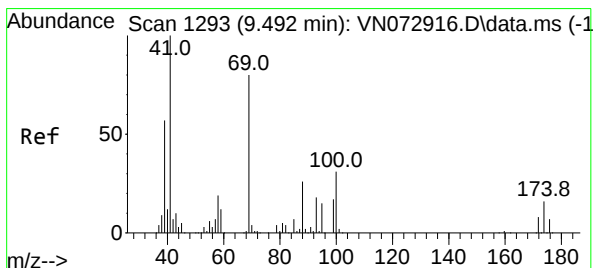
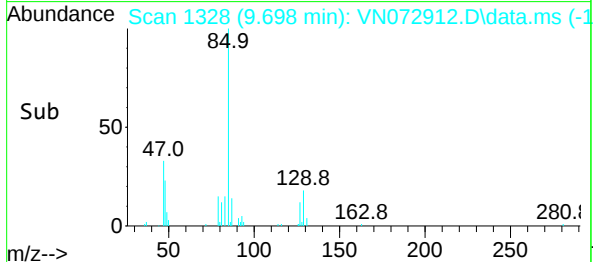
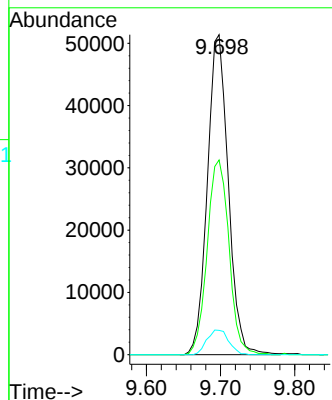
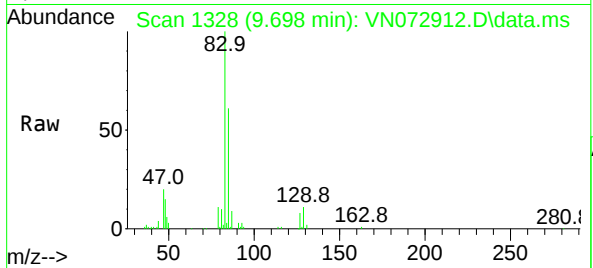




#47
Bromodichloromethane
Concen: 13.886 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

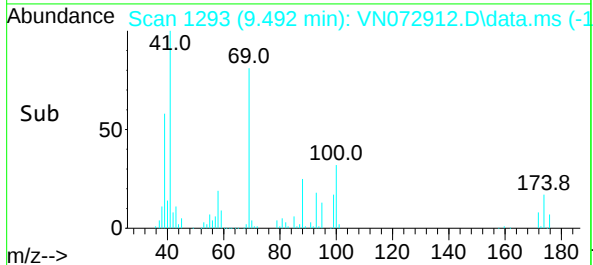
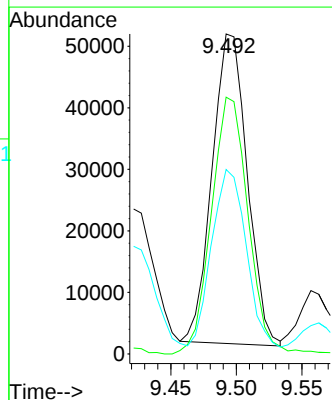
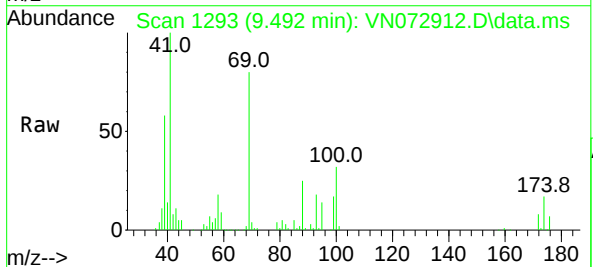
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

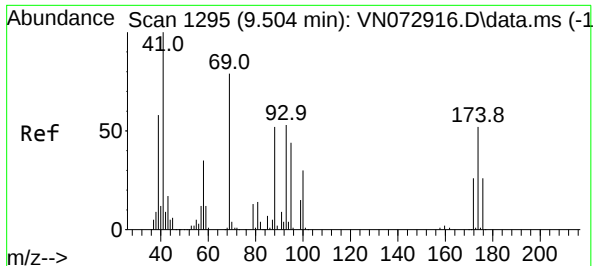
Tgt Ion: 83 Resp: 100791
Ion Ratio Lower Upper
83 100
85 60.9 50.5 75.7
127 7.6 6.8 10.2



#48
Methyl methacrylate
Concen: 14.125 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 41 Resp: 93735
Ion Ratio Lower Upper
41 100
69 86.8 74.7 112.1
39 61.0 45.6 68.4

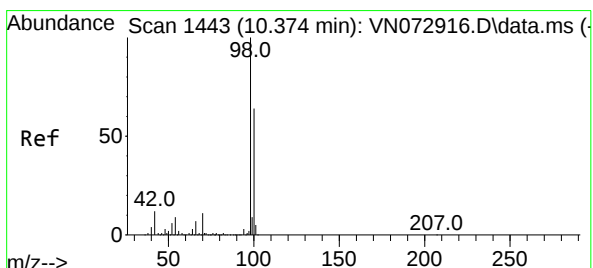
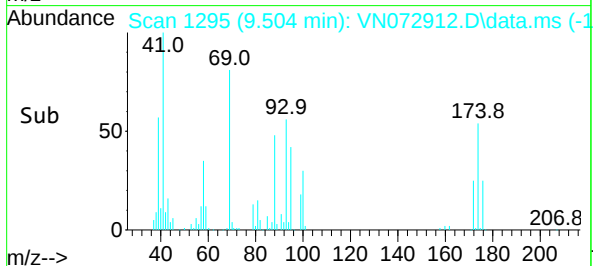
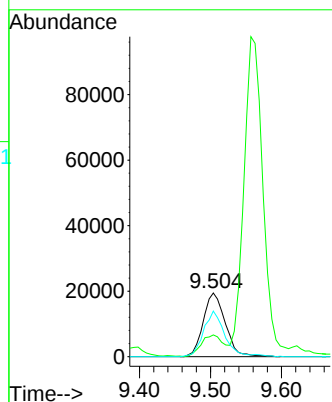
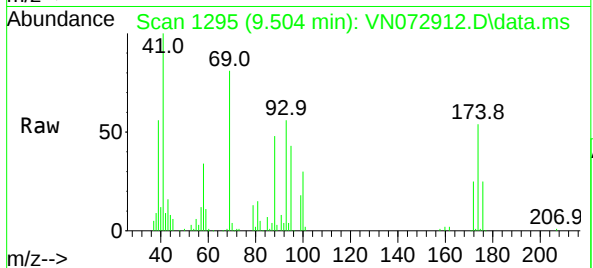




#49
1,4-Dioxane
Concen: 297.488 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

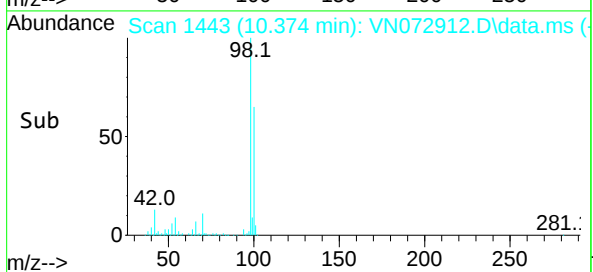
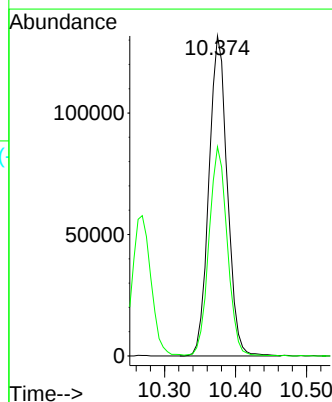
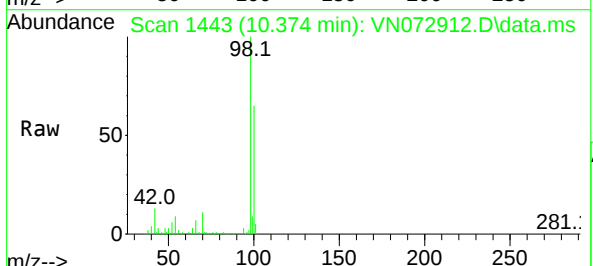
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

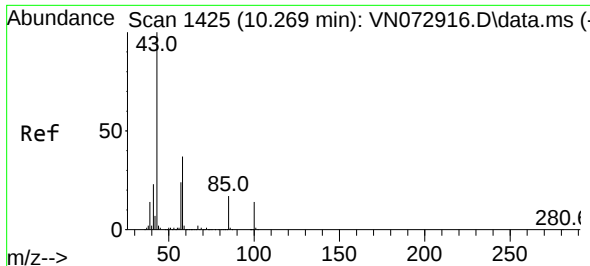
Tgt Ion: 88 Resp: 41941
Ion Ratio Lower Upper
88 100
43 36.1 20.2 30.4#
58 67.7 54.2 81.4



#50
Toluene-d8
Concen: 13.029 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 98 Resp: 236648
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

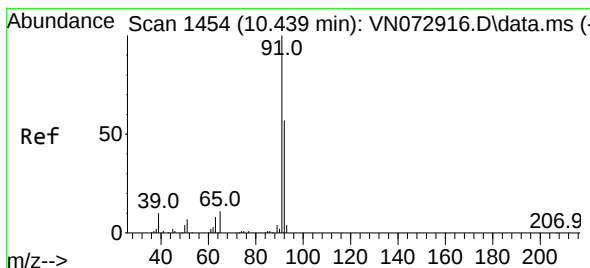
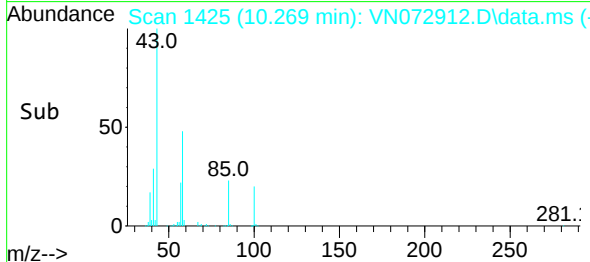
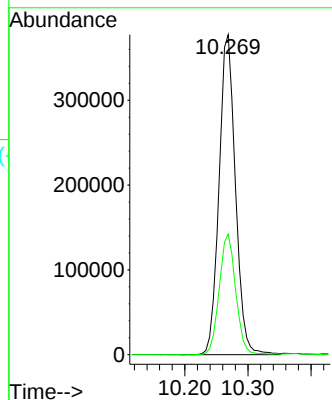
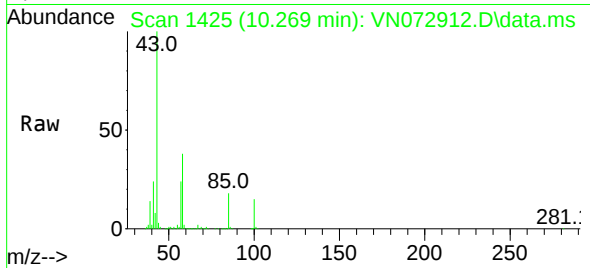




#51
4-Methyl-2-Pentanone
Concen: 72.149 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

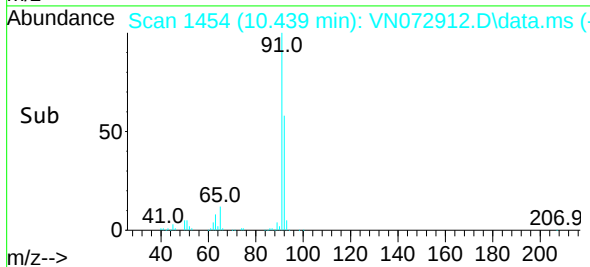
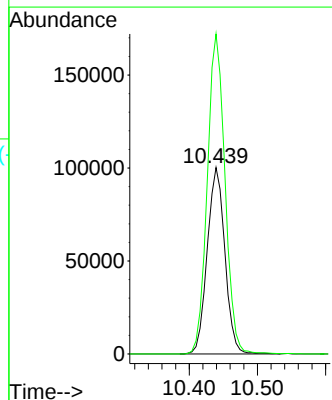
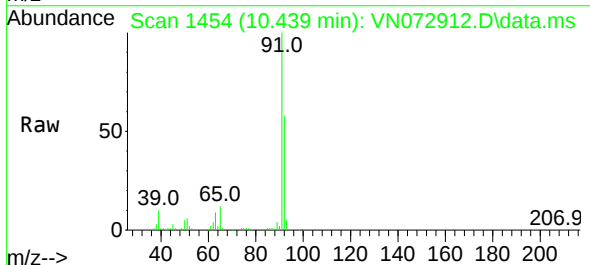
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

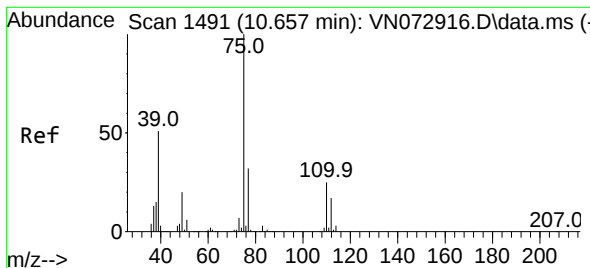
Tgt Ion: 43 Resp: 681506
Ion Ratio Lower Upper
43 100
58 37.9 34.1 51.1



#52
Toluene
Concen: 13.633 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 92 Resp: 180530
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8

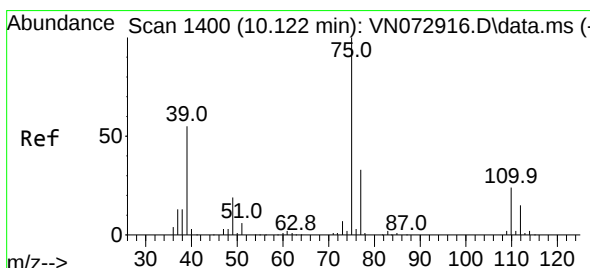
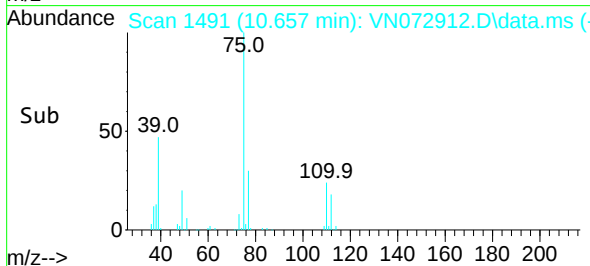
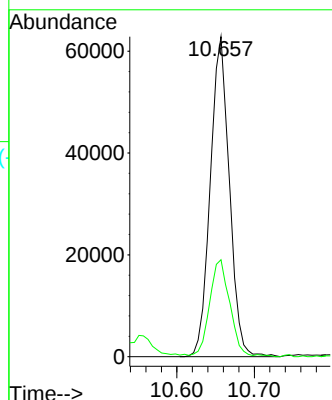
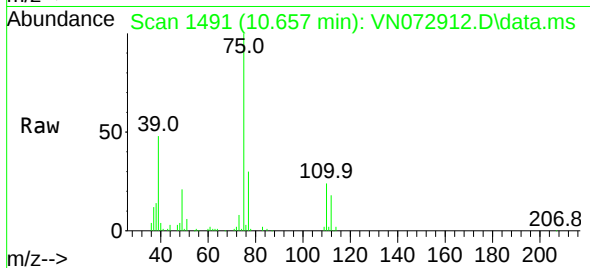




#53
t-1,3-Dichloropropene
Concen: 13.041 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

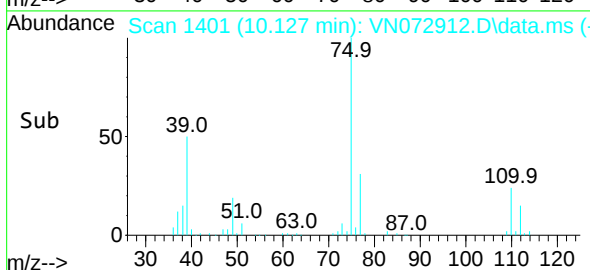
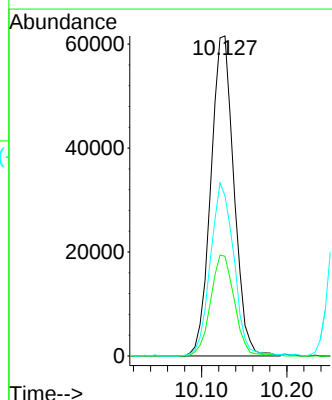
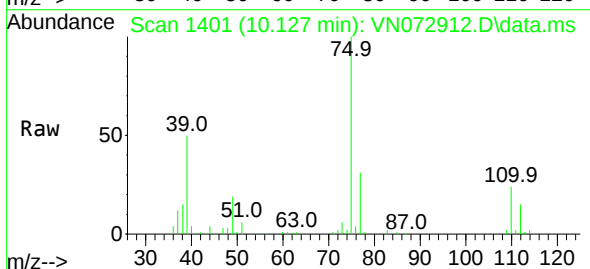
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

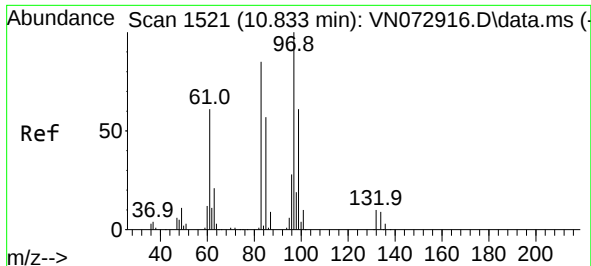
Tgt Ion: 75 Resp: 107594
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 13.556 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 75 Resp: 116204
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 50.0 35.7 53.5

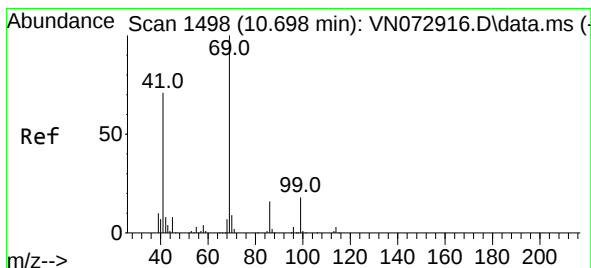
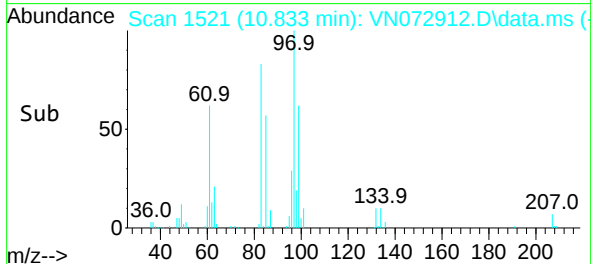
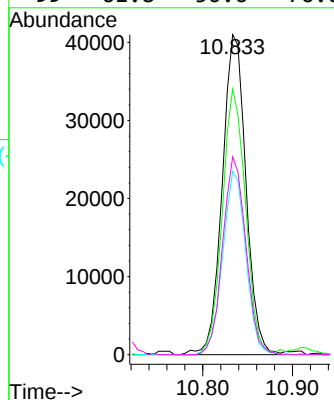
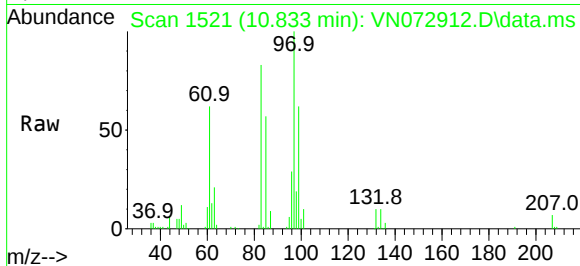




#55
1,1,2-Trichloroethane
Concen: 14.022 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

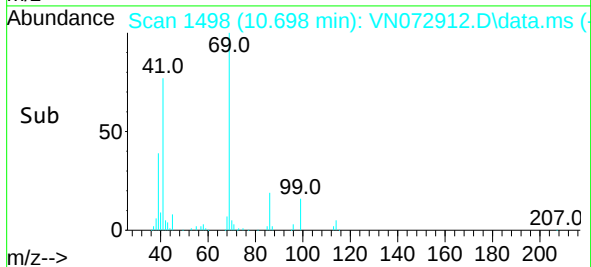
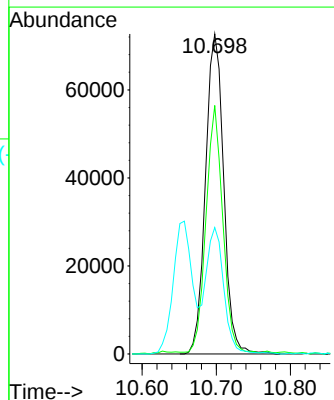
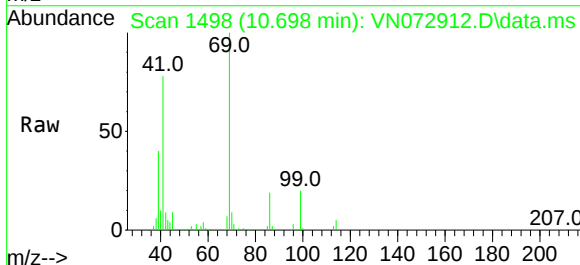
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

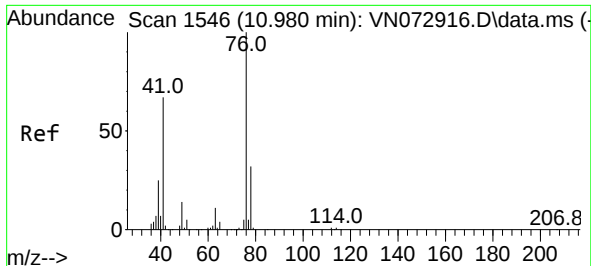
Tgt Ion:	97	Resp:	75204
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.2	99.4
85	57.3	43.9	65.9
99	61.8	50.6	76.0



#56
Ethyl methacrylate
Concen: 13.673 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion:	69	Resp:	124059
Ion	Ratio	Lower	Upper
69	100		
41	71.1	47.8	71.6
39	39.9	27.3	40.9





#57

1,3-Dichloropropane

Concen: 13.864 ug/l

RT: 10.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

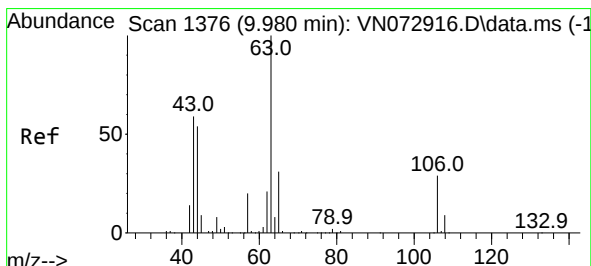
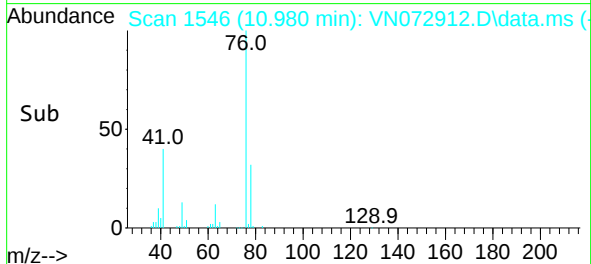
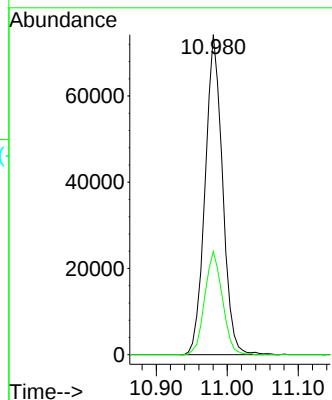
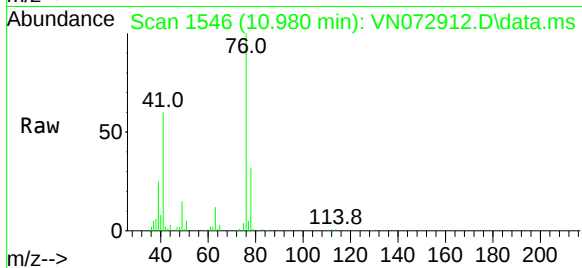
VSTDIC020

Tgt Ion: 76 Resp: 126576

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 85.927 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VN072912.D

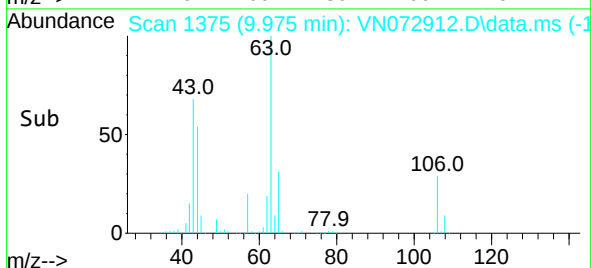
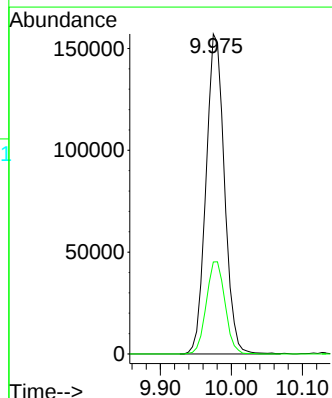
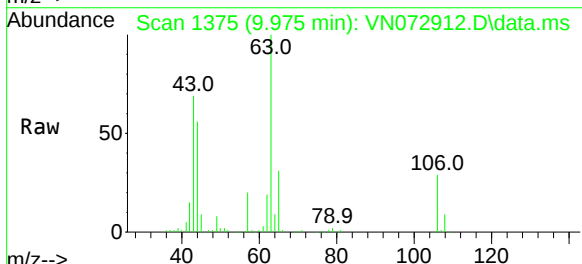
Acq: 17 Jun 2022 15:02

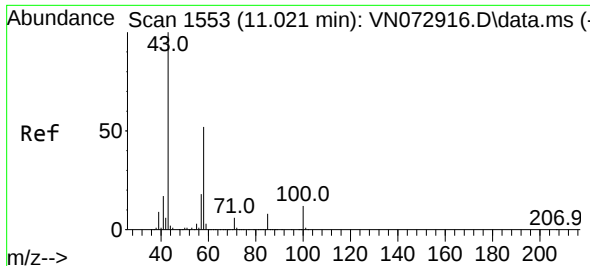
Tgt Ion: 63 Resp: 283487

Ion Ratio Lower Upper

63 100

106 29.3 24.6 36.8

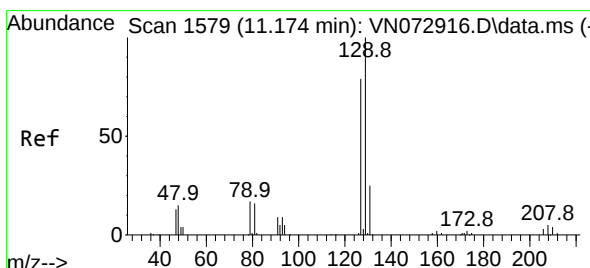
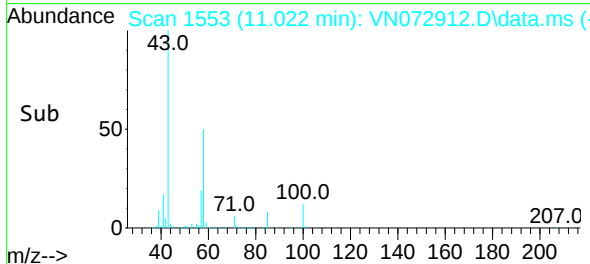
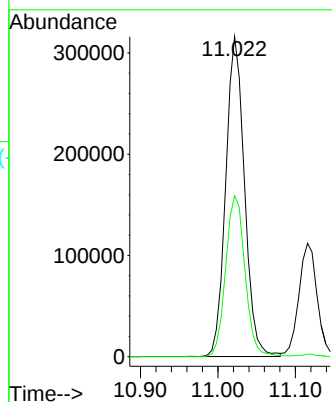
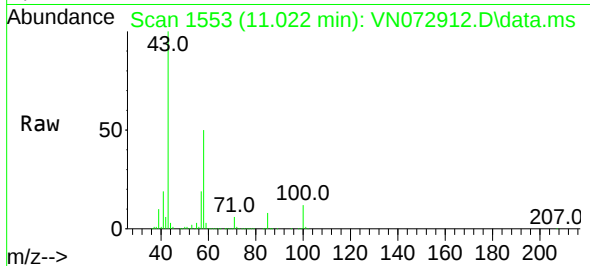




#59
2-Hexanone
Concen: 75.974 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

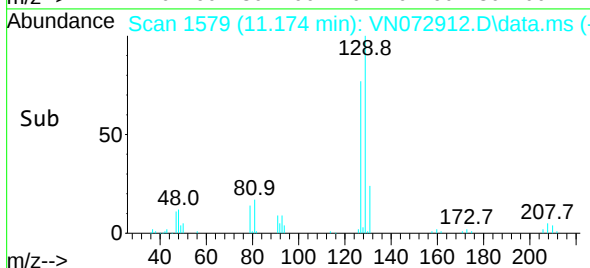
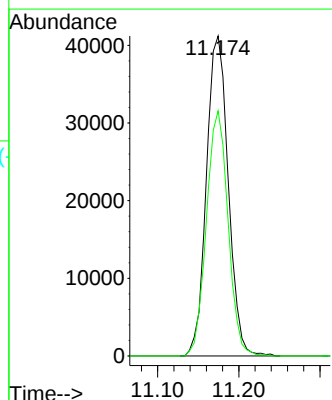
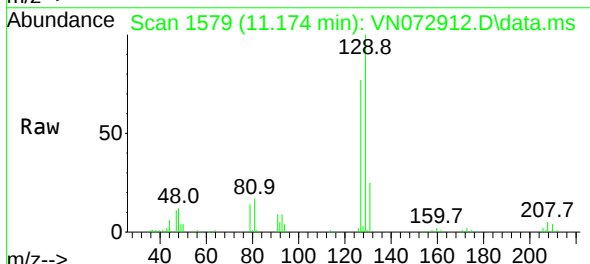
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

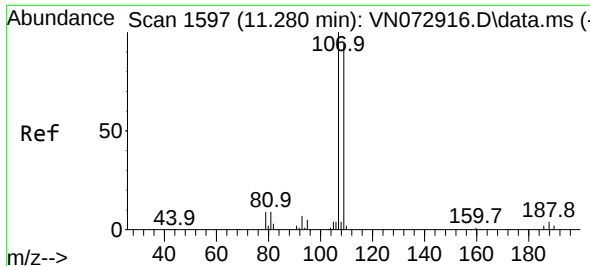
Tgt Ion: 43 Resp: 532248
Ion Ratio Lower Upper
43 100
58 51.8 29.7 89.1



#60
Dibromochloromethane
Concen: 13.480 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 129 Resp: 76978
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.4

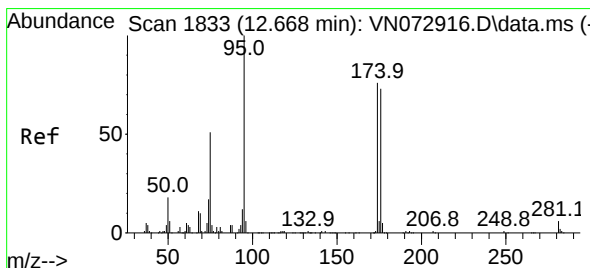
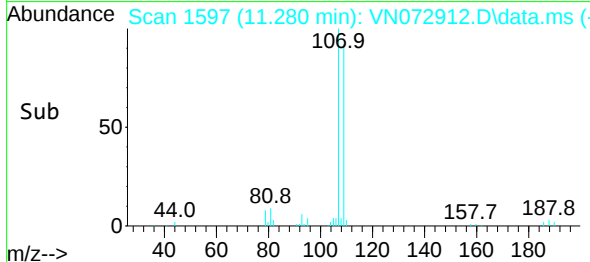
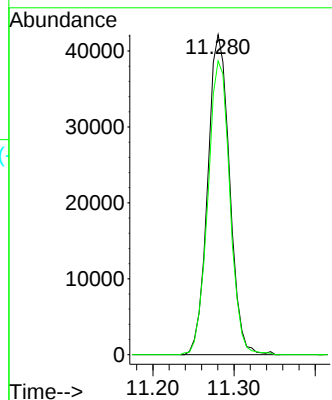
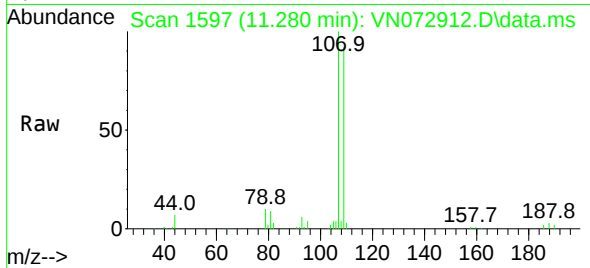




#61
1,2-Dibromoethane
Concen: 13.587 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

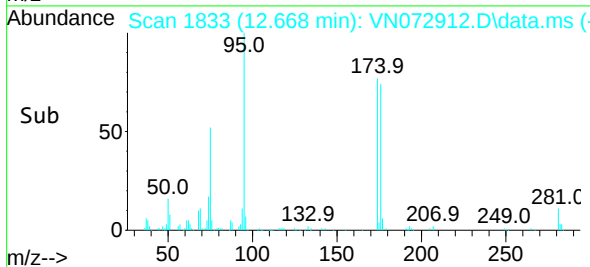
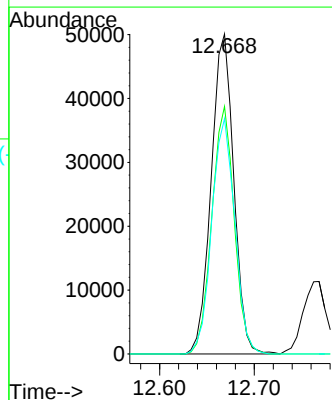
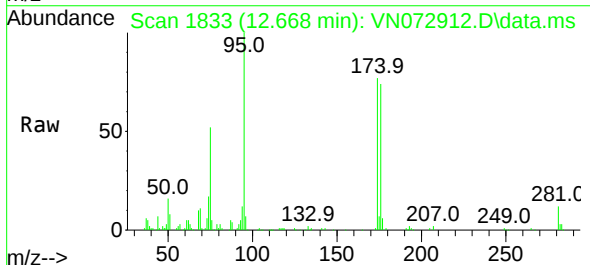
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

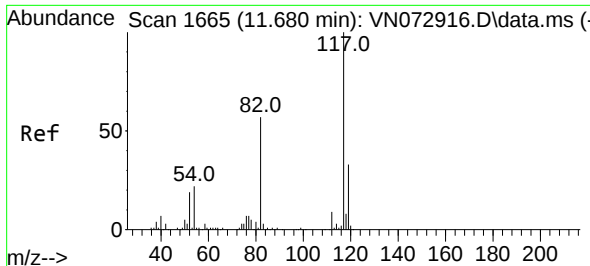
Tgt Ion:107 Resp: 78776
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 13.272 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 95 Resp: 82929
Ion Ratio Lower Upper
95 100
174 76.8 0.0 167.6
176 75.0 0.0 163.4

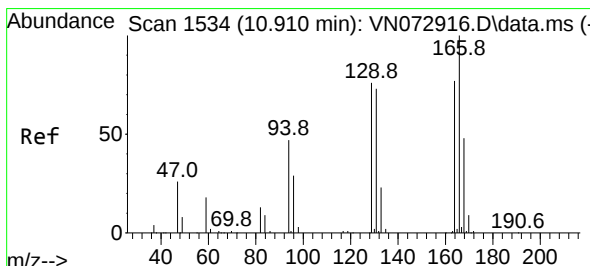
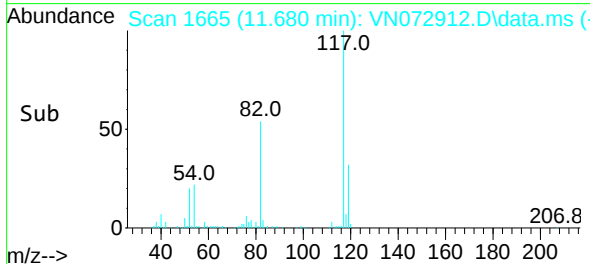
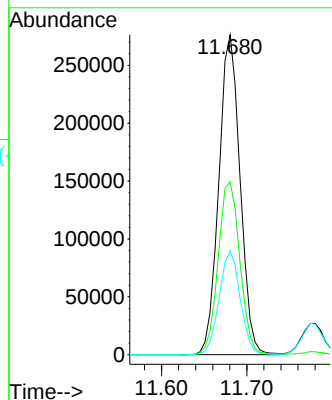
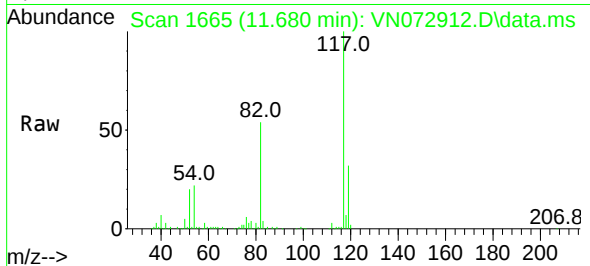




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

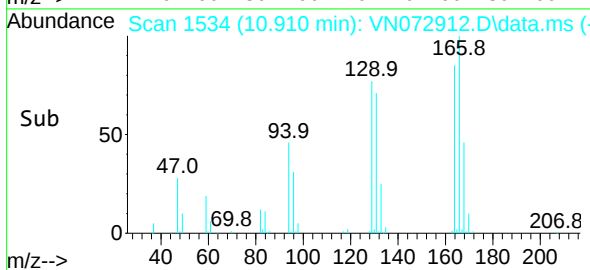
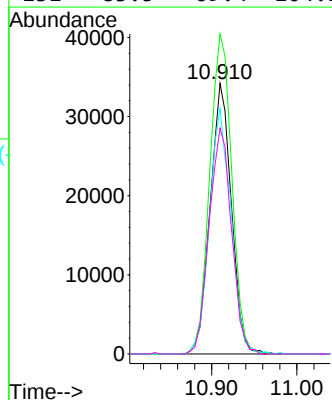
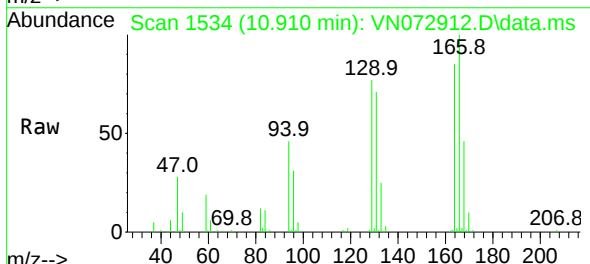
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

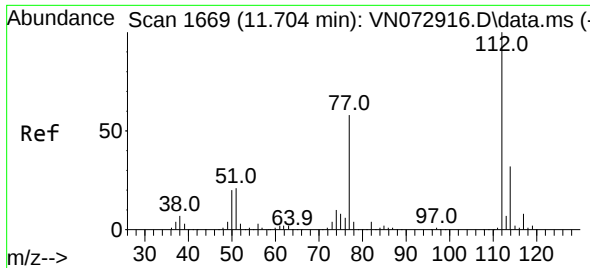
Tgt Ion:117 Resp: 478633
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 13.672 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion:164 Resp: 59154
Ion Ratio Lower Upper
164 100
166 118.3 104.2 156.2
129 90.7 73.9 110.9
131 83.5 69.4 104.2

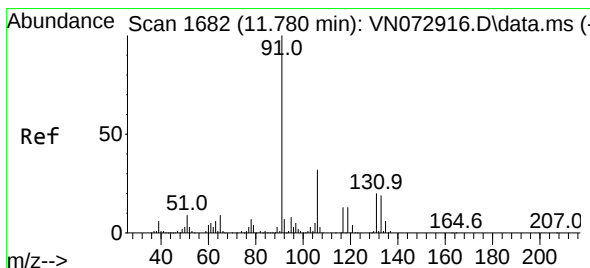
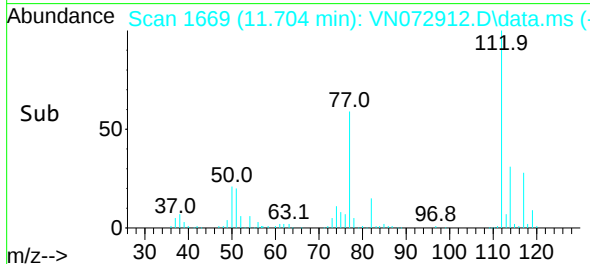
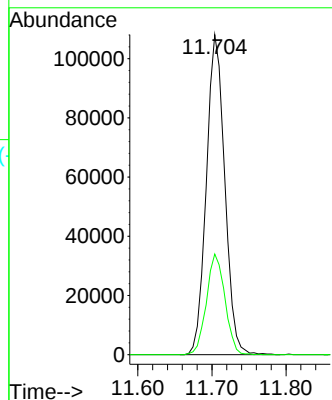
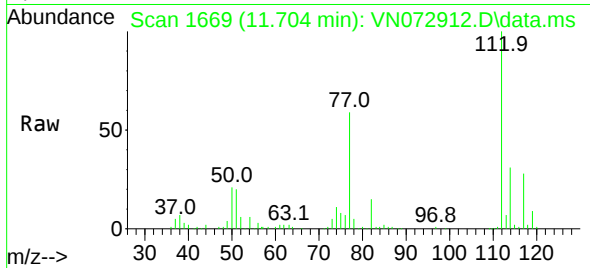




#65
Chlorobenzene
Concen: 15.474 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

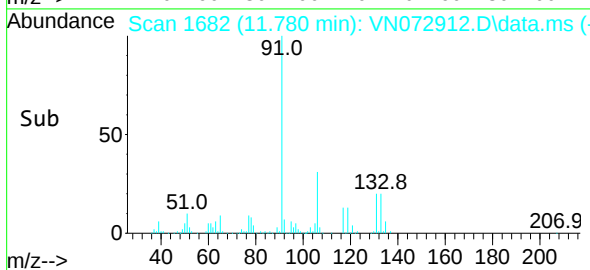
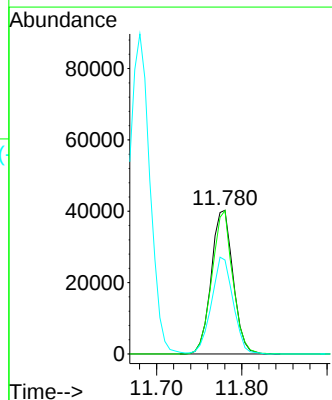
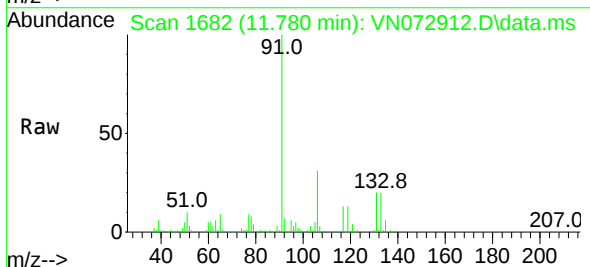
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 186269
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 15.396 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion:131 Resp: 71576
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 66.8 33.4 100.2

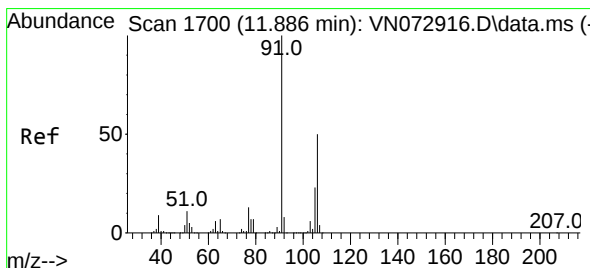
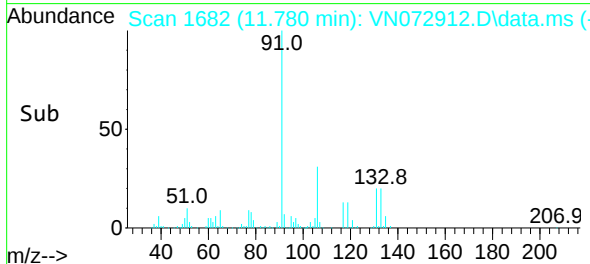
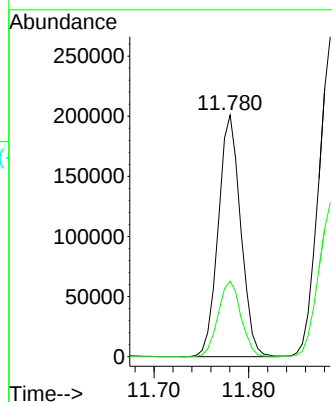
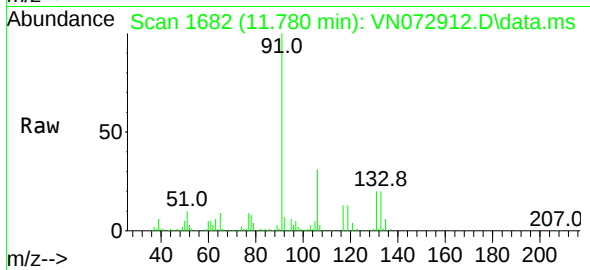




#67
Ethyl Benzene
Concen: 15.511 ug/l
RT: 11.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

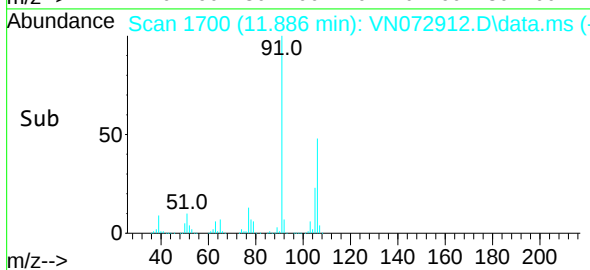
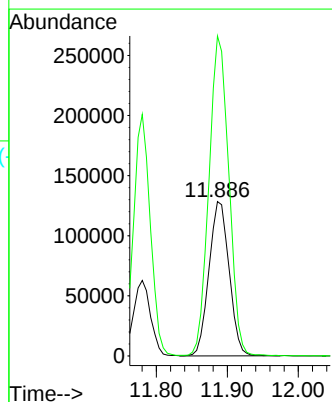
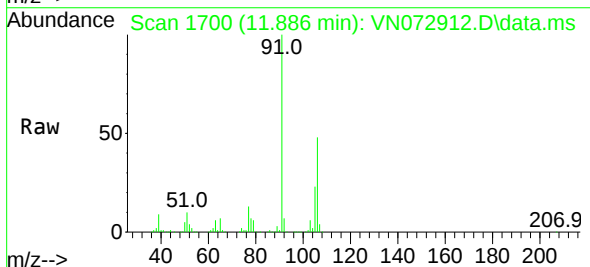
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

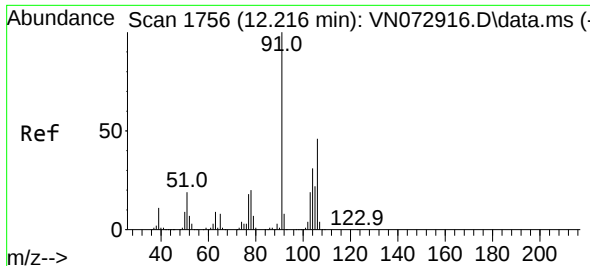
Tgt Ion: 91 Resp: 330434
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 30.816 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 106 Resp: 252520
Ion Ratio Lower Upper
106 100
91 205.1 158.9 238.3

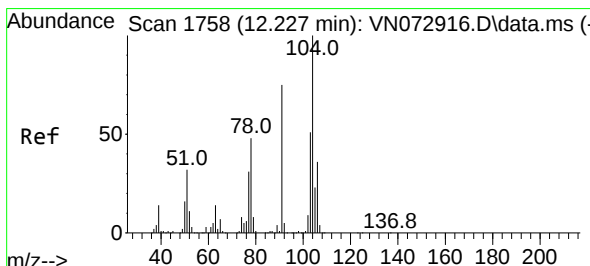
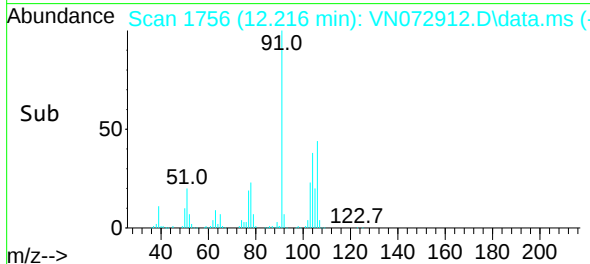
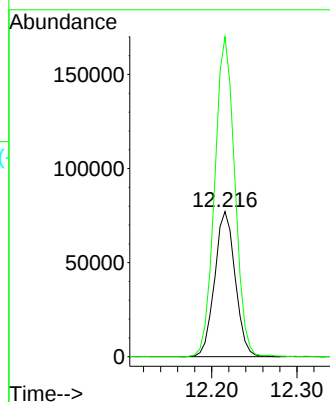
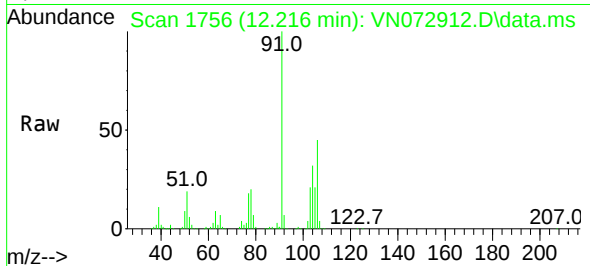




#69
o-Xylene
Concen: 15.383 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

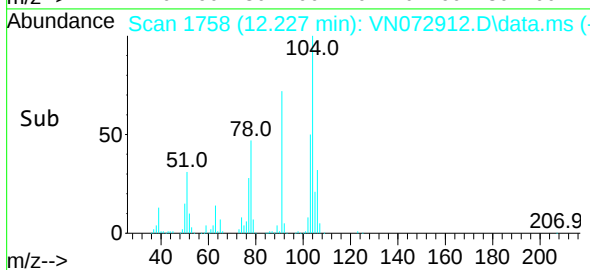
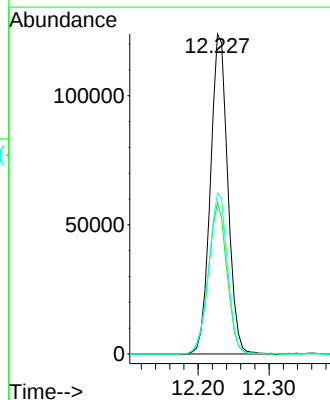
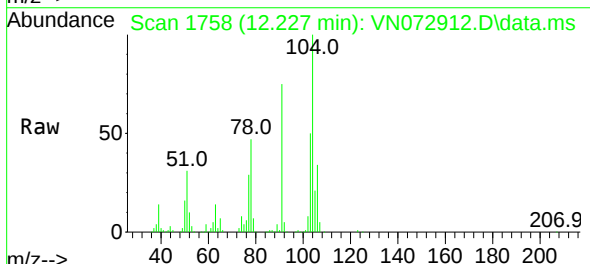
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

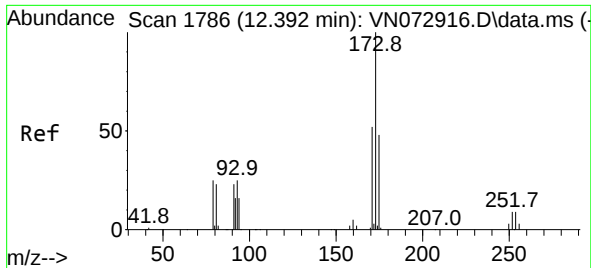
Tgt Ion:106 Resp: 129255
Ion Ratio Lower Upper
106 100
91 216.3 106.0 318.0



#70
Styrene
Concen: 16.176 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion:104 Resp: 210477
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 54.3 44.0 66.0

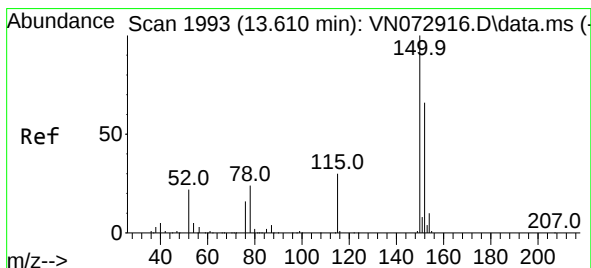
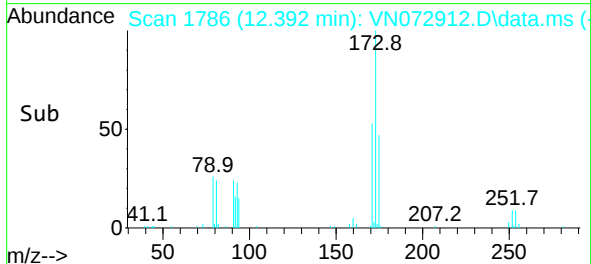
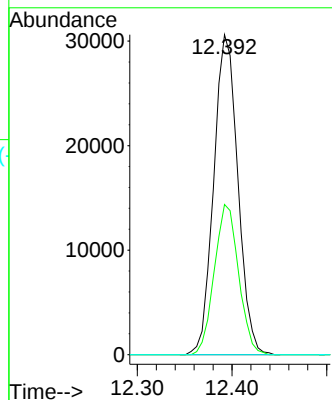
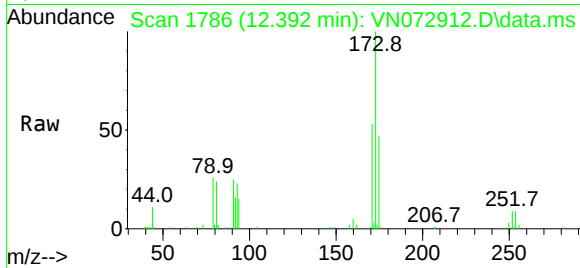




#71
Bromoform
Concen: 14.544 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

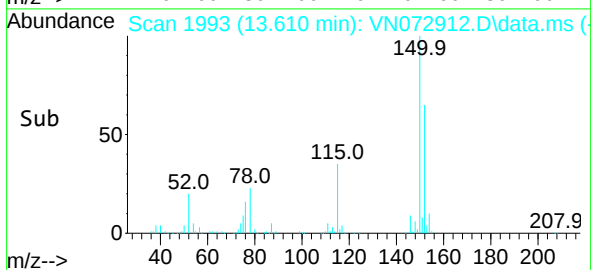
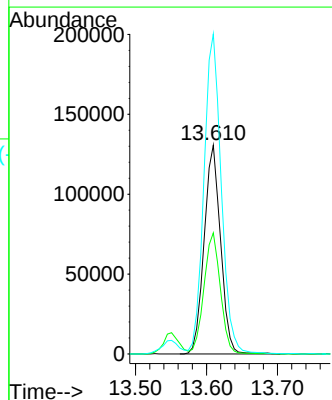
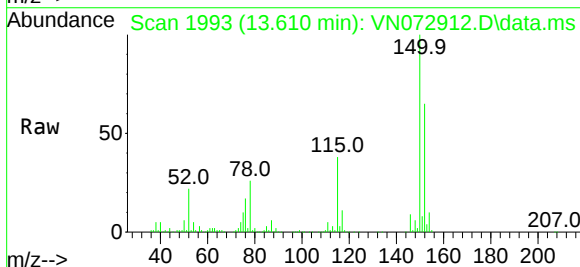
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

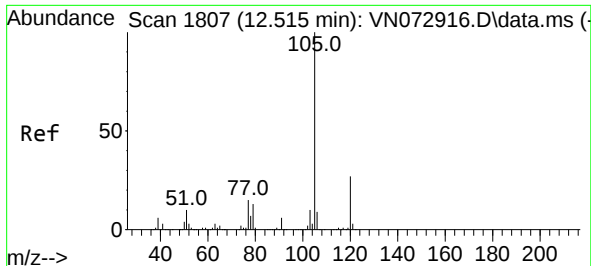
Tgt Ion:173 Resp: 54131
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion:152 Resp: 210258
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.7
150 161.4 0.0 356.2

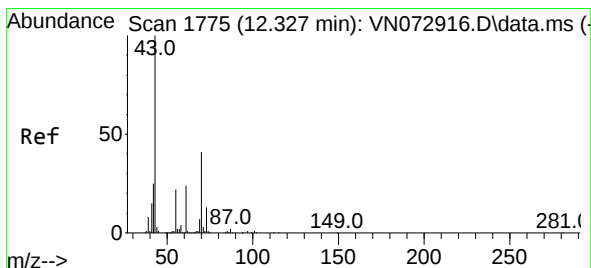
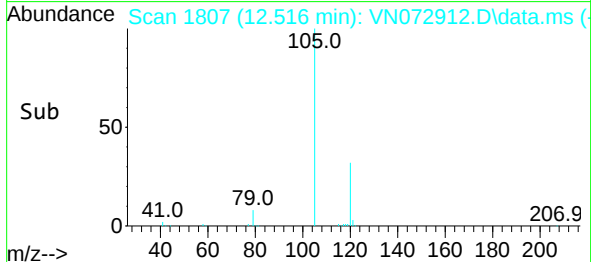
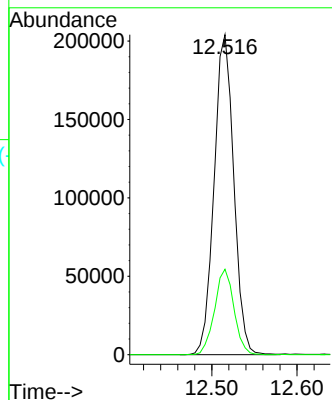
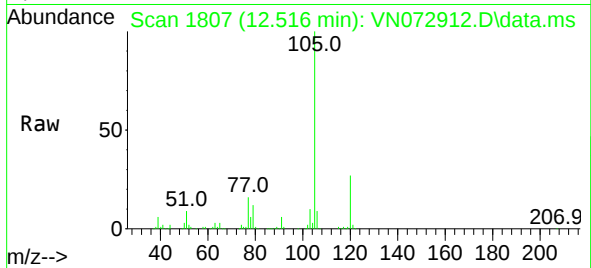




#73
Isopropylbenzene
Concen: 16.666 ug/l
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

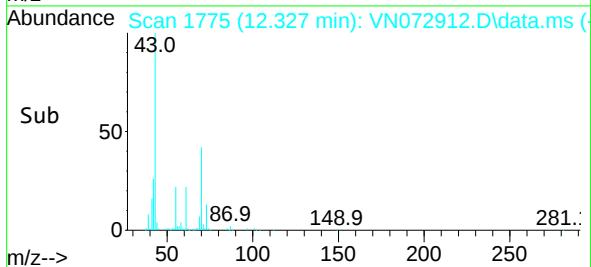
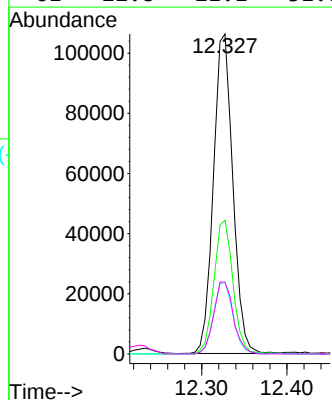
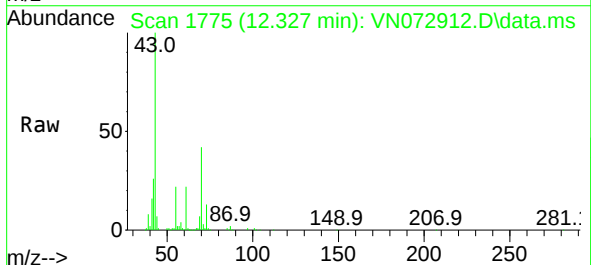
Instrument :
MSVOA_N
ClientSampleId :
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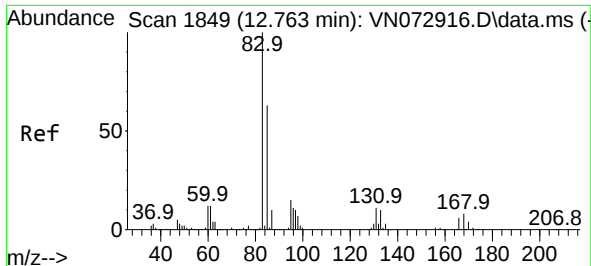
Tgt Ion:105 Resp: 326822
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4



#74
N-ethyl acetate
Concen: 19.710 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 43 Resp: 168265
Ion Ratio Lower Upper
43 100
70 41.3 39.0 58.4
55 22.5 21.1 31.7
61 22.8 21.1 31.7

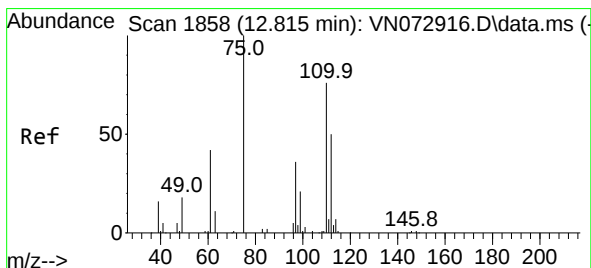
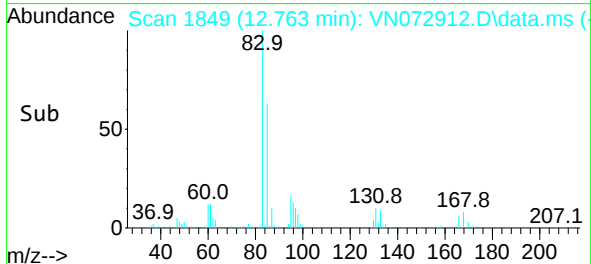
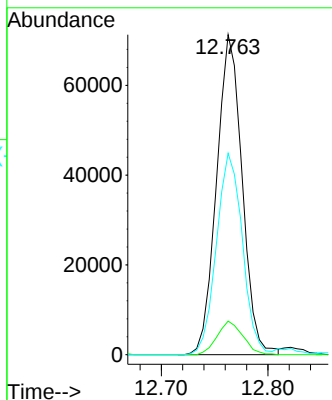
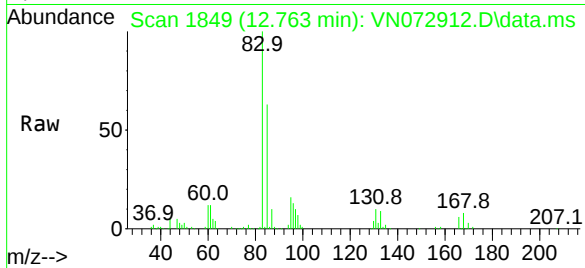




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.417 ug/l
 RT: 12.763 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VN072912.D
 Acq: 17 Jun 2022 15:02

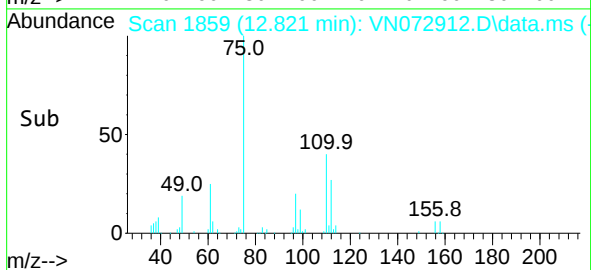
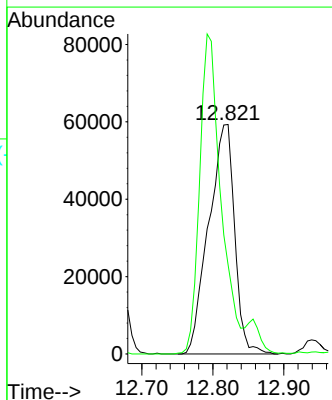
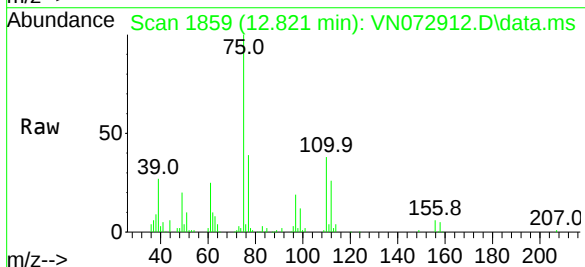
Instrument :
 MSVOA_N
 ClientSampleId :
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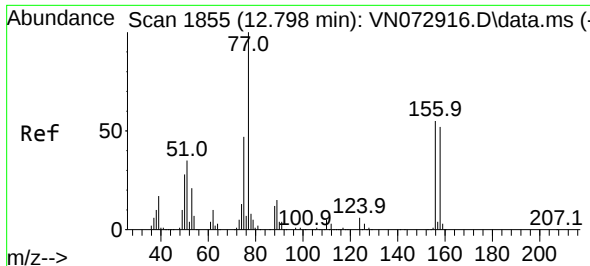
Tgt Ion: 83 Resp: 118868
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.3 15.9
 85 63.9 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 24.961 ug/l
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.006 min
 Lab File: VN072912.D
 Acq: 17 Jun 2022 15:02

Tgt Ion: 75 Resp: 150088
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#

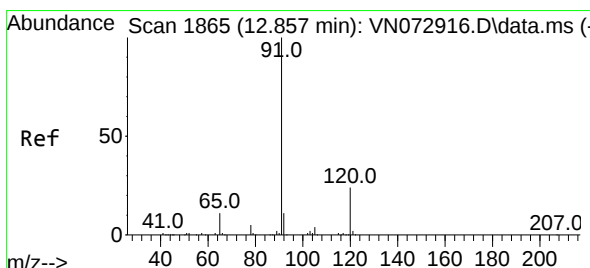
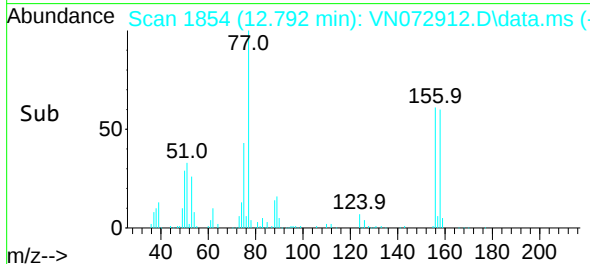
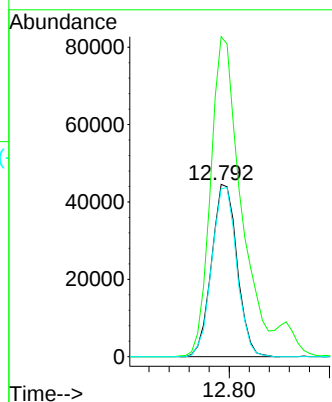
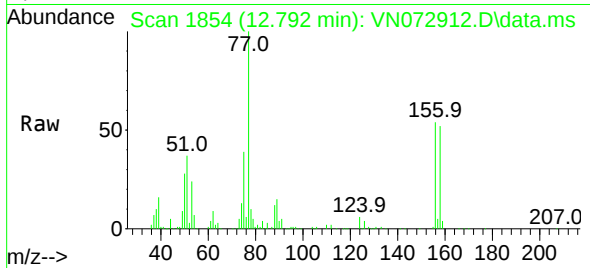




#77
Bromobenzene
Concen: 17.167 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

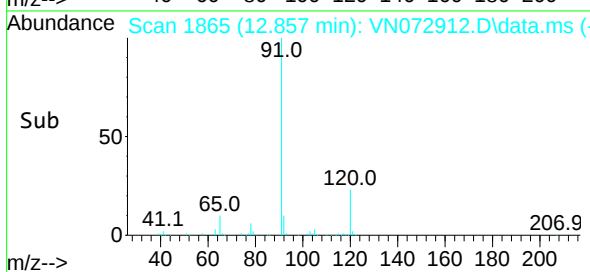
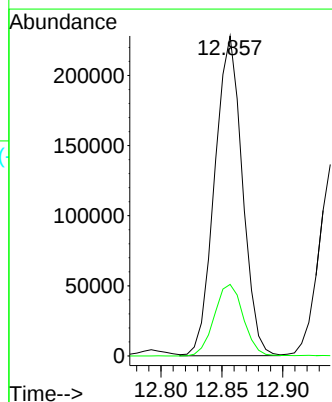
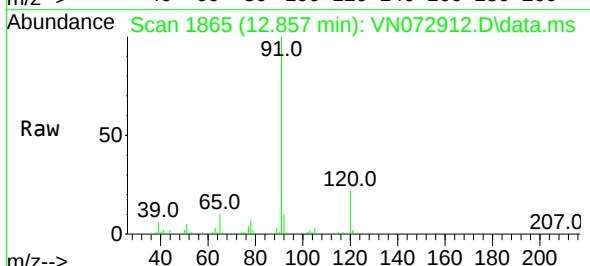
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

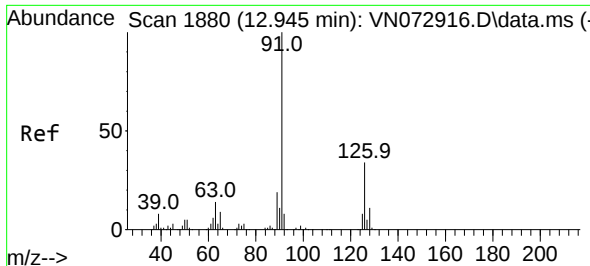
Tgt Ion:156 Resp: 78713
Ion Ratio Lower Upper
156 100
77 221.6 100.5 301.5
158 96.5 48.9 146.6



#78
n-propylbenzene
Concen: 17.616 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 91 Resp: 360801
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5

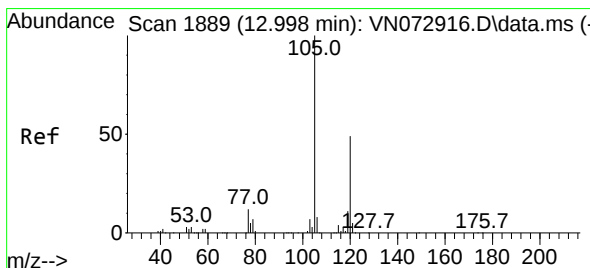
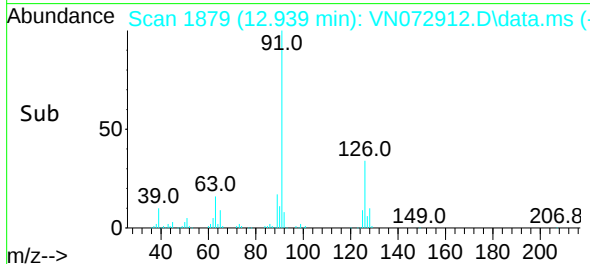
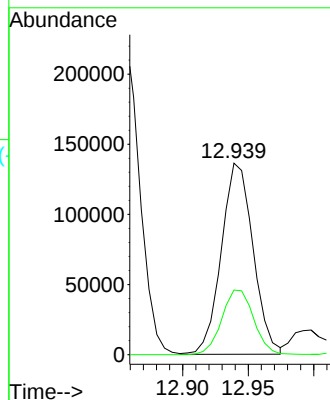
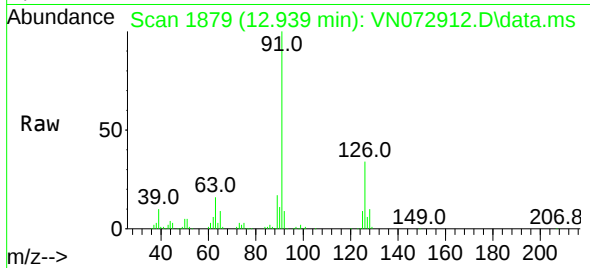




#79
2-Chlorotoluene
Concen: 17.294 ug/l
RT: 12.939 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

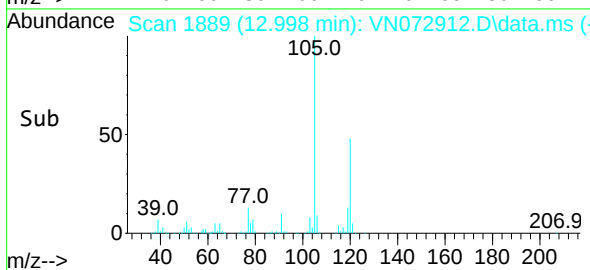
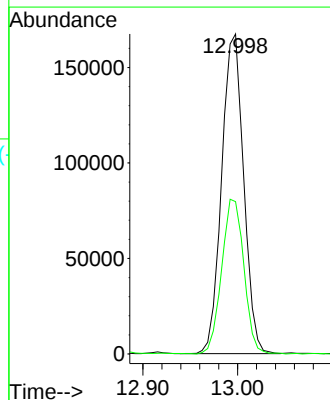
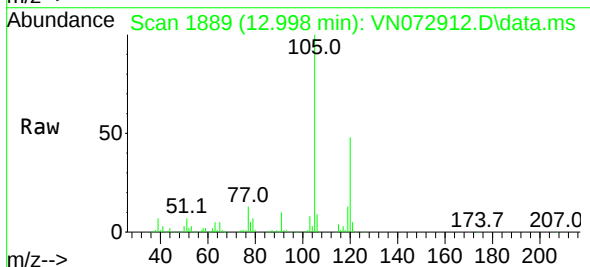
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

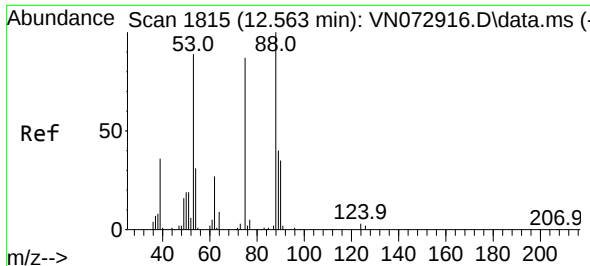
Tgt Ion: 91 Resp: 229804
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 17.125 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 105 Resp: 270128
Ion Ratio Lower Upper
105 100
120 49.0 24.9 74.7

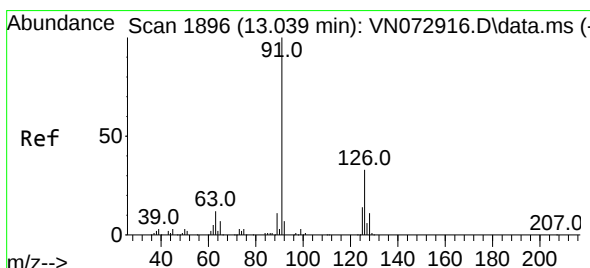
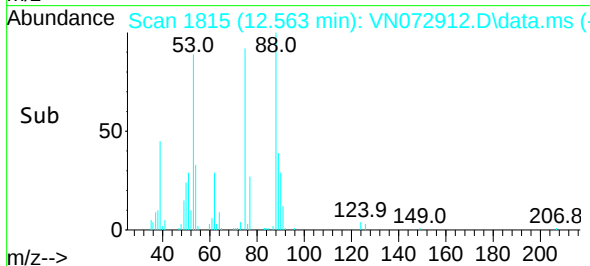
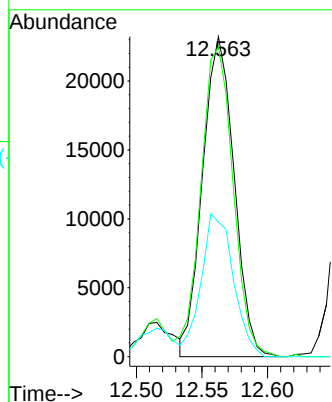
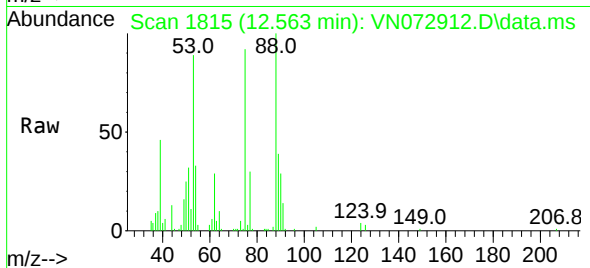




#81
trans-1,4-Dichloro-2-butene
Concen: 18.062 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

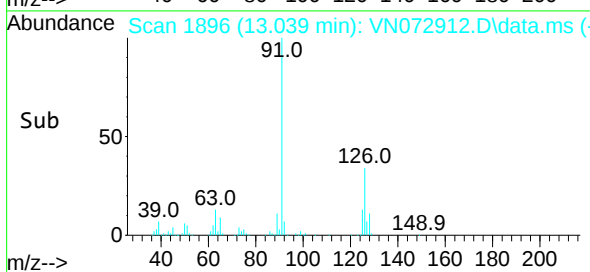
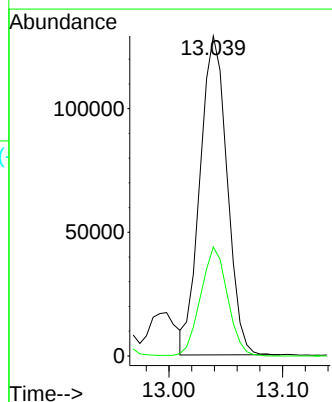
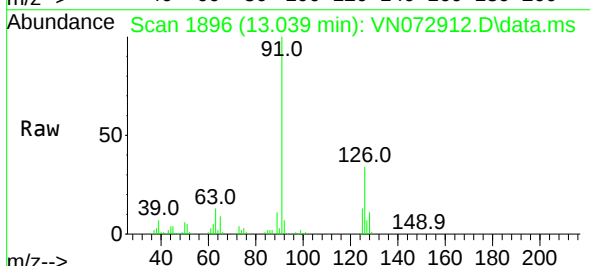
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 38788
Ion Ratio Lower Upper
75 100
53 99.8 78.0 117.0
89 45.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 17.294 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 91 Resp: 213447
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6

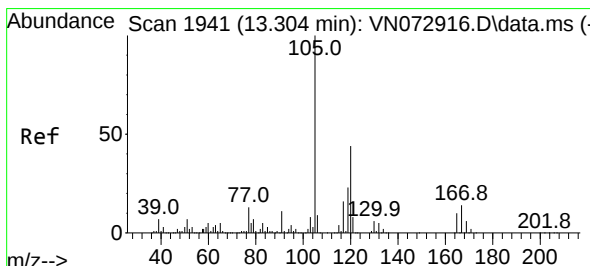
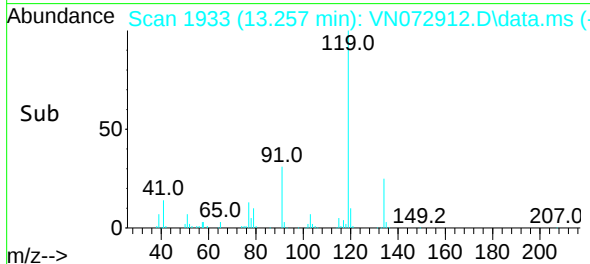
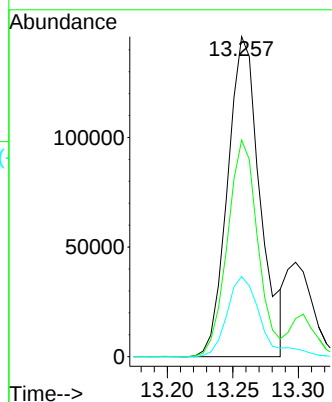
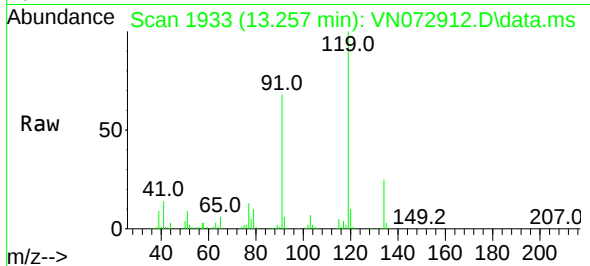




#83
tert-Butylbenzene
Concen: 17.738 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

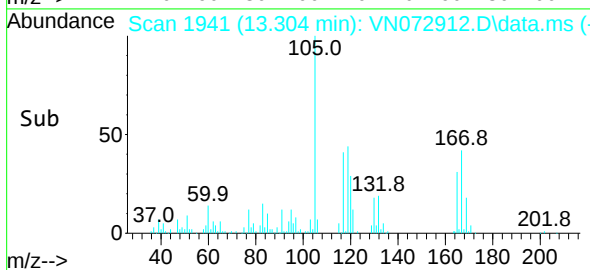
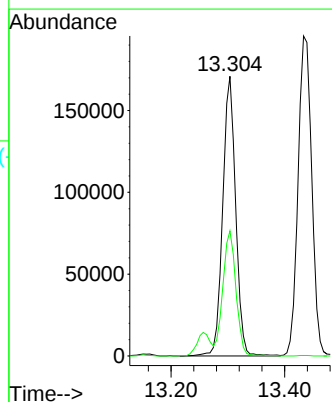
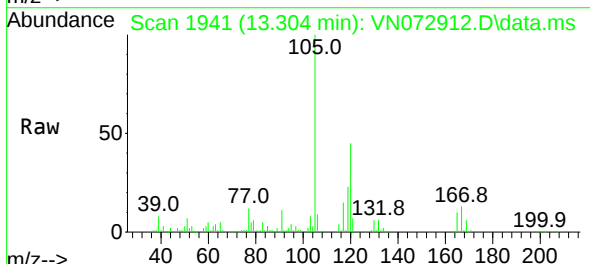
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

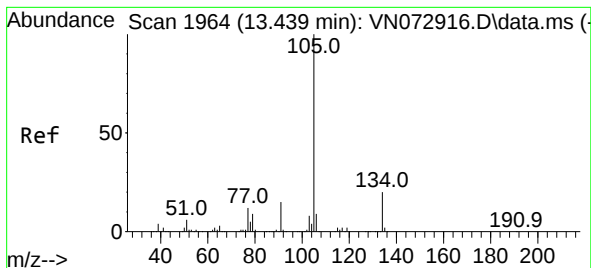
Tgt Ion:119 Resp: 251445
Ion Ratio Lower Upper
119 100
91 63.4 31.6 94.8
134 26.0 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 17.925 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion:105 Resp: 271979
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 17.841 ug/l

RT: 13.433 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

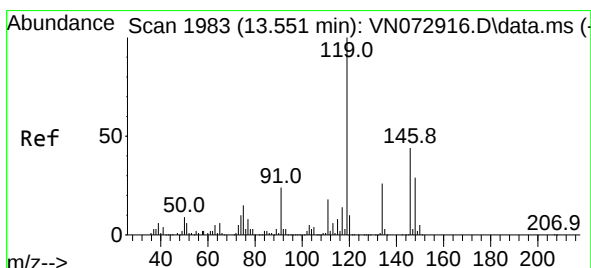
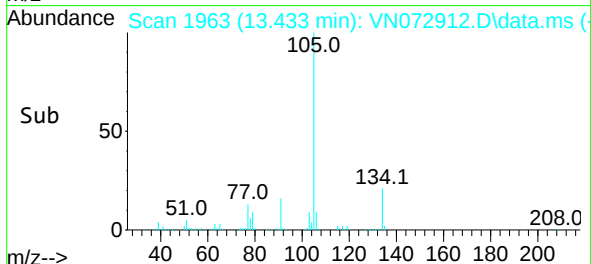
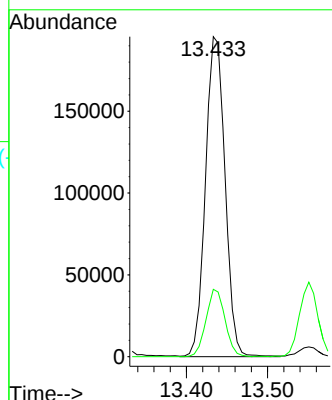
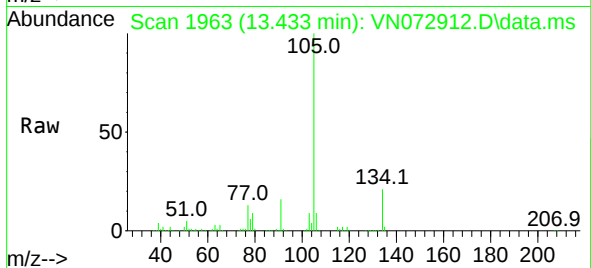
VSTDIC020

Tgt Ion:105 Resp: 326904

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 18.067 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

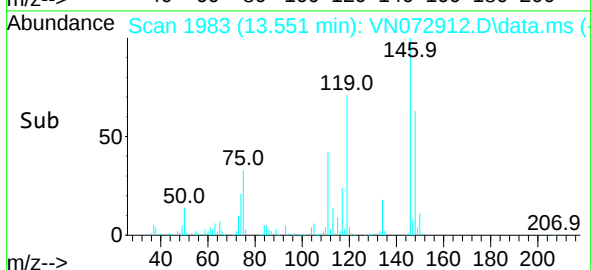
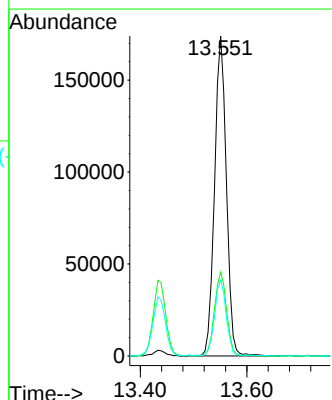
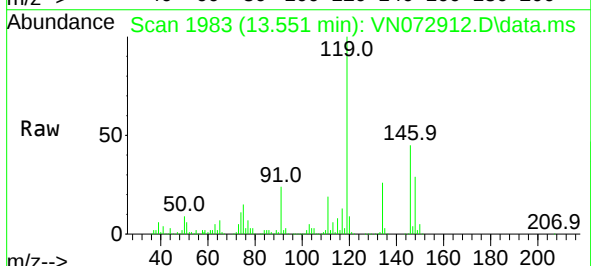
Tgt Ion:119 Resp: 267852

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.169 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

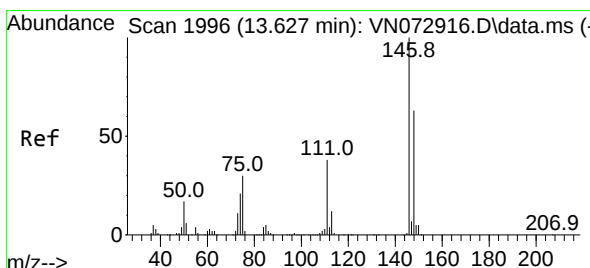
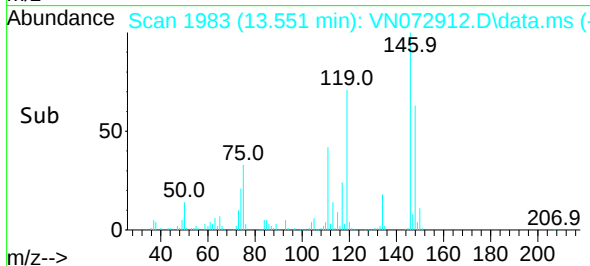
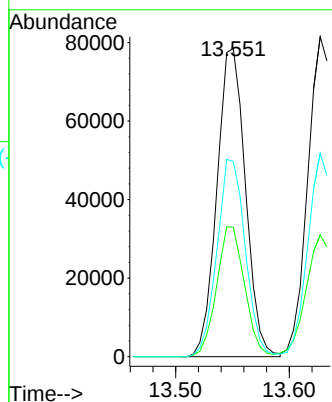
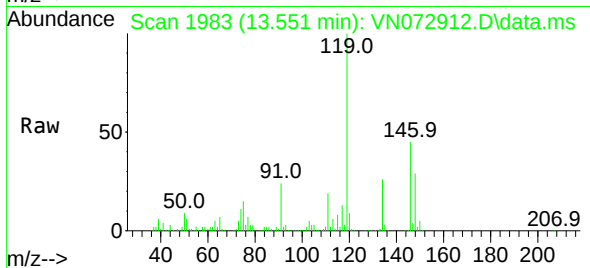
Tgt Ion:146 Resp: 136895

Ion Ratio Lower Upper

146 100

111 41.3 20.0 60.0

148 63.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.028 ug/l

RT: 13.627 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

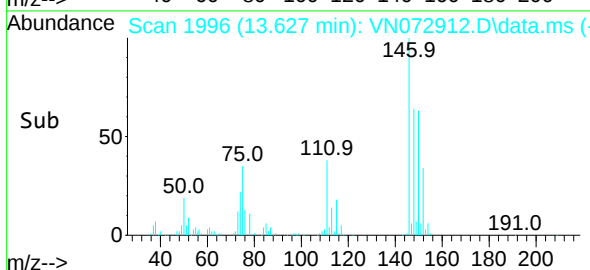
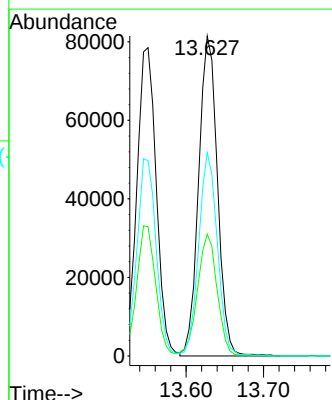
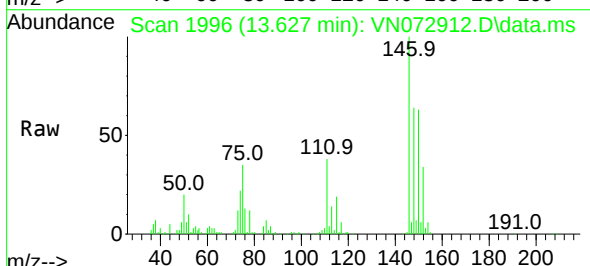
Tgt Ion:146 Resp: 137480

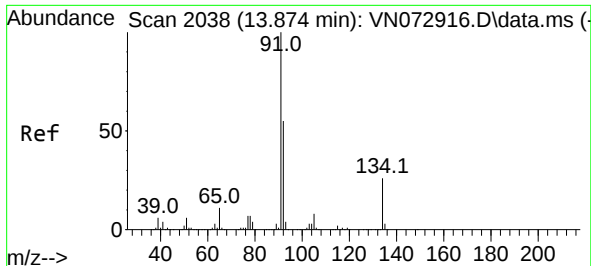
Ion Ratio Lower Upper

146 100

111 39.9 19.1 57.1

148 63.0 31.4 94.3

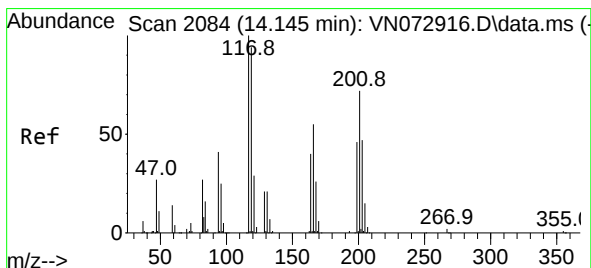
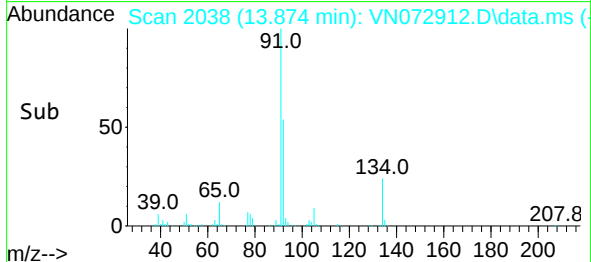
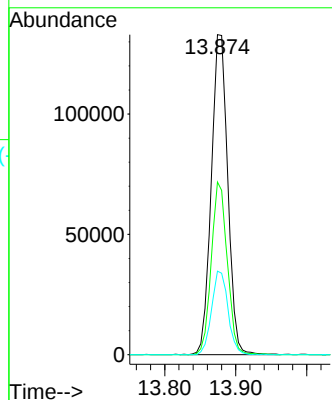
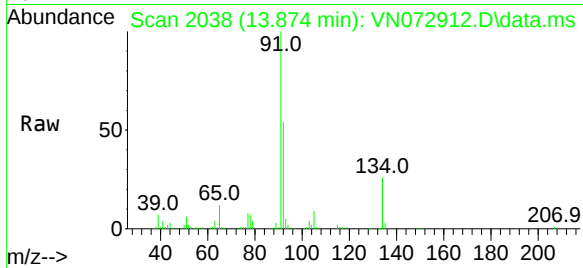




#89
n-Butylbenzene
Concen: 18.676 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

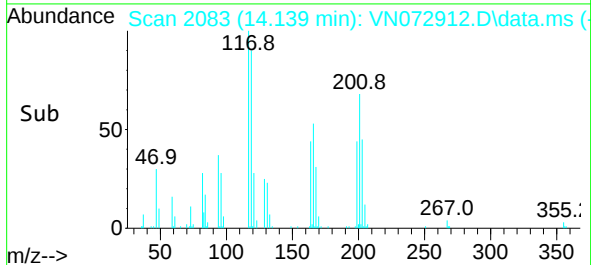
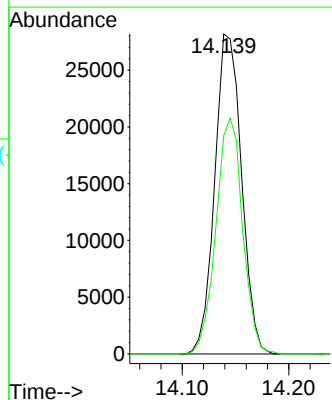
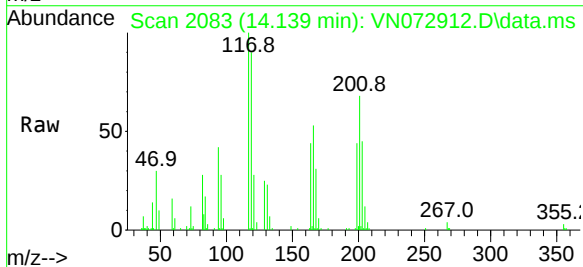
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

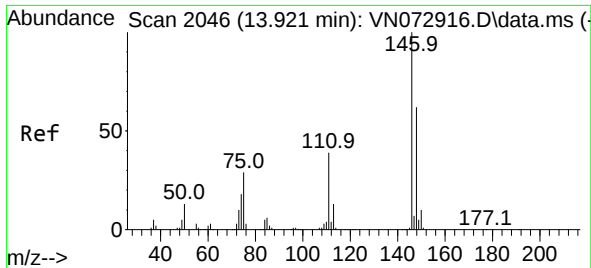
Tgt Ion: 91 Resp: 214190
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 25.9 13.6 40.8



#90
Hexachloroethane
Concen: 15.551 ug/l
RT: 14.139 min Scan# 2083
Delta R.T. -0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 117 Resp: 49198
Ion Ratio Lower Upper
117 100
201 73.5 40.6 122.0

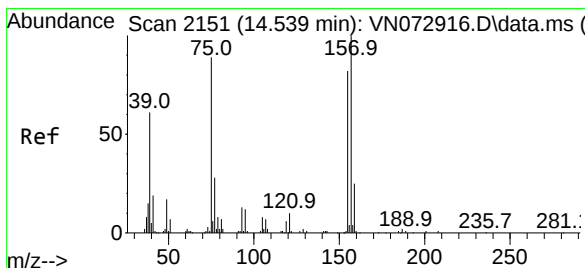
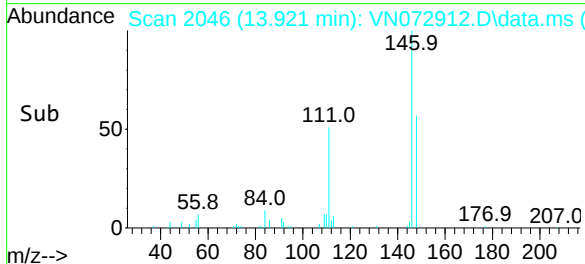
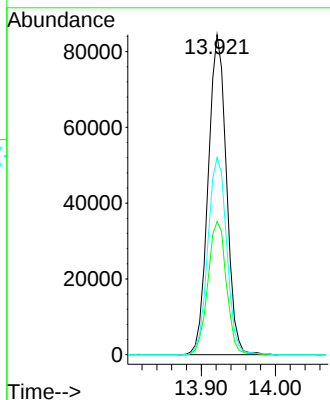
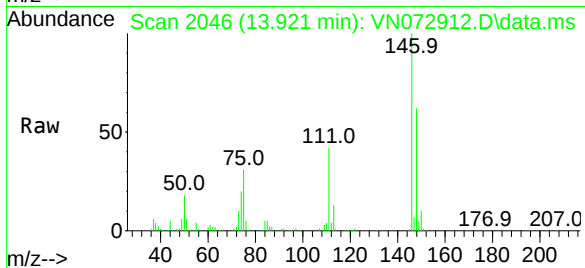




#91
1,2-Dichlorobenzene
Concen: 18.848 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

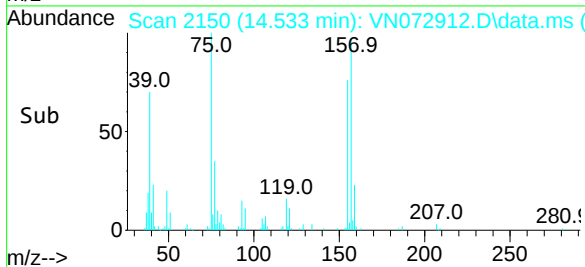
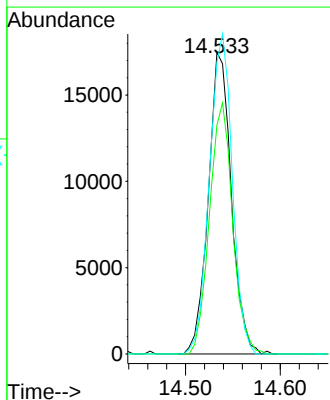
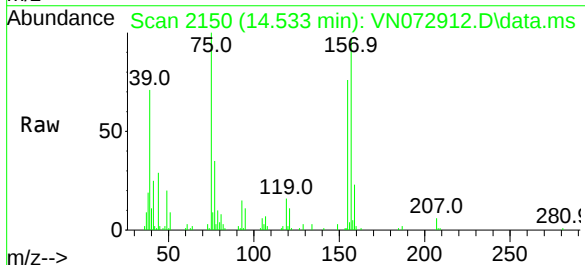
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

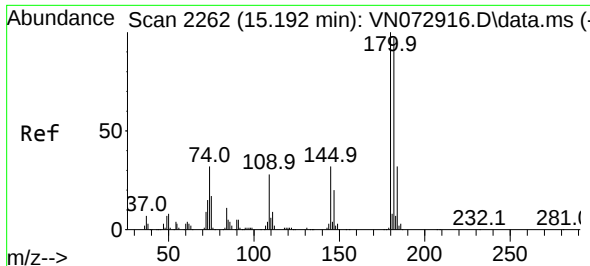
Tgt Ion:146 Resp: 144342
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 63.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.470 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion: 75 Resp: 29570
Ion Ratio Lower Upper
75 100
155 83.3 44.9 134.5
157 105.1 59.0 176.8

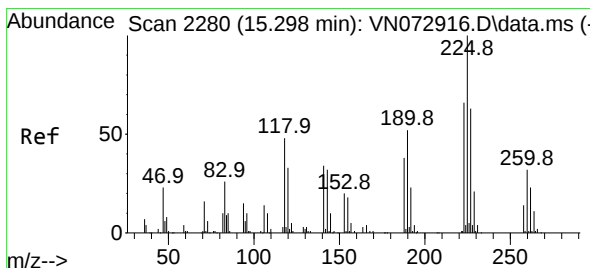
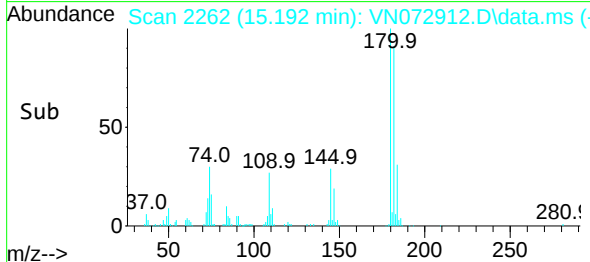
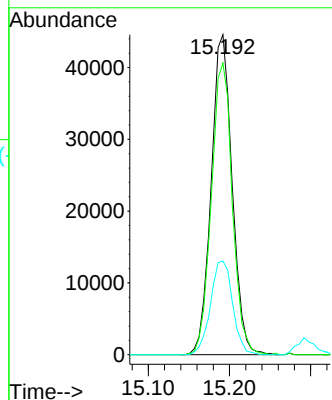
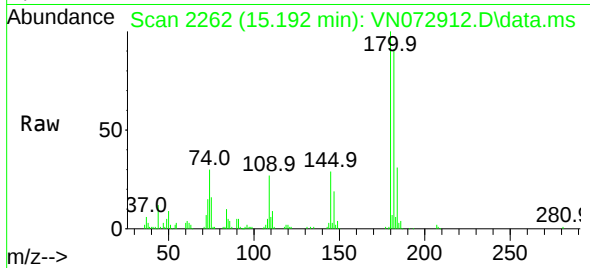




#93
1,2,4-Trichlorobenzene
Concen: 20.610 ug/l
RT: 15.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

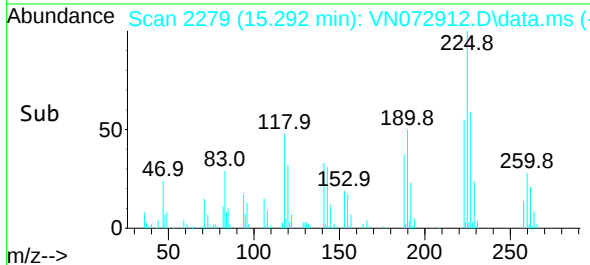
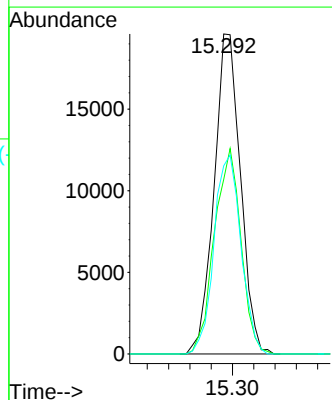
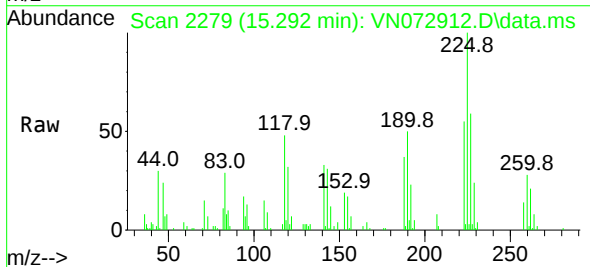
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

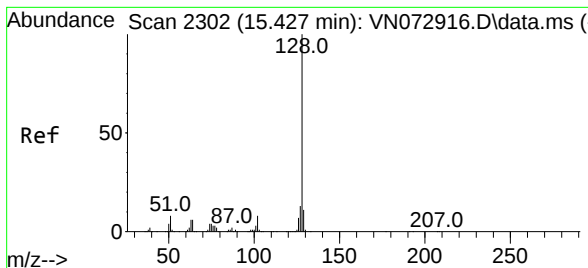
Tgt Ion:180 Resp: 79849
Ion Ratio Lower Upper
180 100
182 91.3 47.5 142.5
145 31.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 17.662 ug/l
RT: 15.292 min Scan# 2279
Delta R.T. -0.006 min
Lab File: VN072912.D
Acq: 17 Jun 2022 15:02

Tgt Ion:225 Resp: 33661
Ion Ratio Lower Upper
225 100
223 64.7 32.4 97.2
227 63.6 31.8 95.4





#95

Naphthalene

Concen: 23.143 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

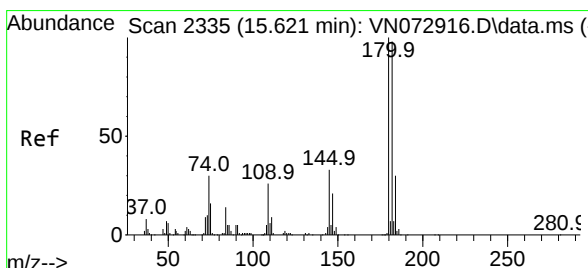
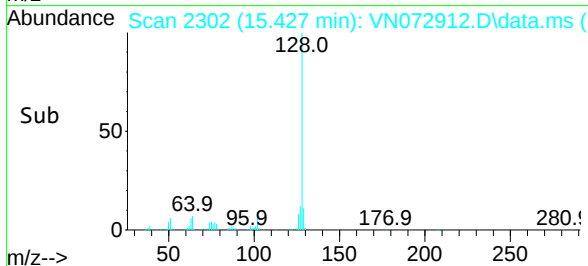
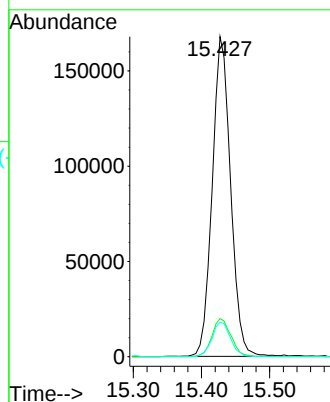
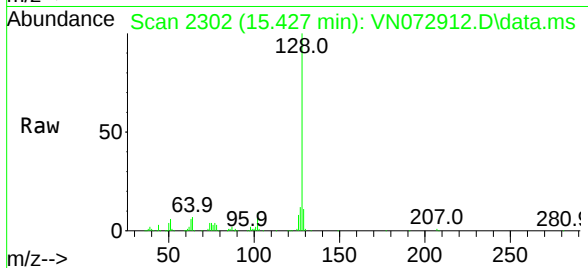
Tgt Ion:128 Resp: 314167

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.743 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN072912.D

Acq: 17 Jun 2022 15:02

Tgt Ion:180 Resp: 83873

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 32.3 15.5 46.5

