

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072542.D
 Acq On : 18 May 2022 15:06
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 18 15:26:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	172095	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	262345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	284990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	134650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	276099	104.328	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 208.660%#	
35) Dibromofluoromethane	8.016	113	187310	106.815	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 213.620%#	
50) Toluene-d8	10.433	98	718246	107.811	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 215.620%#	
62) 4-Bromofluorobenzene	12.727	95	307309	135.299	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 270.600%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.063	85	210436	101.030	ug/l	100
3) Chloromethane	2.293	50	200796	91.123	ug/l	96
4) Vinyl Chloride	2.446	62	152130	87.796	ug/l	99
5) Bromomethane	2.804	94	133850	121.412	ug/l	96
6) Chloroethane	2.934	64	124137	105.398	ug/l	99
7) Trichlorofluoromethane	3.316	101	338485	102.980	ug/l	98
8) Diethyl Ether	3.810	74	107005	92.192	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.181	101	159851	90.288	ug/l	96
10) Methyl Iodide	4.398	142	236546	101.492	ug/l	# 85
11) Tert butyl alcohol	5.404	59	153284	384.623	ug/l	97
12) 1,1-Dichloroethene	4.151	96	148132	89.481	ug/l	91
13) Acrolein	4.028	56	187303	470.658	ug/l	98
14) Allyl chloride	4.822	41	263067	85.263	ug/l	90
15) Acrylonitrile	5.551	53	480399	425.347	ug/l	97
16) Acetone	4.287	43	409715	413.028	ug/l	95
17) Carbon Disulfide	4.504	76	381838	88.793	ug/l	99
18) Methyl Acetate	4.846	43	230399	78.598	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	620481	101.514	ug/l	99
20) Methylene Chloride	5.075	84	180186	86.264	ug/l	96
21) trans-1,2-Dichloroethene	5.581	96	161850	91.553	ug/l	88
22) Diisopropyl ether	6.487	45	552821	87.307	ug/l	98
23) Vinyl Acetate	6.422	43	2499465	471.716	ug/l	96
24) 1,1-Dichloroethane	6.375	63	323584	90.153	ug/l	99
25) 2-Butanone	7.334	43	659663	418.553	ug/l	98
26) 2,2-Dichloropropane	7.316	77	310675	101.853	ug/l	94
27) cis-1,2-Dichloroethene	7.316	96	194485	92.140	ug/l	92
28) Bromochloromethane	7.645	49	130961	85.691	ug/l	98
29) Tetrahydrofuran	7.681	42	413602	404.417	ug/l	95
30) Chloroform	7.810	83	361199	97.757	ug/l	98
31) Cyclohexane	8.081	56	282695	83.840	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	356418	104.571	ug/l	99
36) 1,1-Dichloropropene	8.216	75	260163	105.903	ug/l	96
37) Ethyl Acetate	7.404	43	274934	95.369	ug/l	97
38) Carbon Tetrachloride	8.198	117	311277	112.210	ug/l	97
39) Methylcyclohexane	9.457	83	303206	110.537	ug/l	99
40) Benzene	8.451	78	717034	97.813	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	137788	94.591	ug/l	93
42) 1,2-Dichloroethane	8.522	62	328691	109.963	ug/l	94
43) Isopropyl Acetate	8.557	43	460996	102.133	ug/l	97
44) Trichloroethene	9.210	130	198243	106.220	ug/l	98
45) 1,2-Dichloropropane	9.486	63	178473	96.926	ug/l	98
46) Dibromomethane	9.569	93	135541	103.843	ug/l	97
47) Bromodichloromethane	9.757	83	300065	111.854	ug/l	99
48) Methyl methacrylate	9.557	41	245920	117.903	ug/l	87
49) 1,4-Dioxane	9.569	88	43372	1304.671	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1625335	574.625	ug/l	95
52) Toluene	10.498	92	498536	108.988	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	341910	124.245	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	323365	111.411	ug/l #	88
55) 1,1,2-Trichloroethane	10.892	97	207521	107.682	ug/l	99
56) Ethyl methacrylate	10.757	69	371208	134.319	ug/l	91
57) 1,3-Dichloropropane	11.039	76	357067	109.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	440718	768.434	ug/l	100
59) 2-Hexanone	11.080	43	1142483	578.595	ug/l	93
60) Dibromochloromethane	11.233	129	261869	127.348	ug/l	99
61) 1,2-Dibromoethane	11.339	107	227334	118.181	ug/l	100
64) Tetrachloroethene	10.975	164	188632	93.228	ug/l	95
65) Chlorobenzene	11.769	112	597787	103.318	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	241079	103.976	ug/l	96
67) Ethyl Benzene	11.839	91	1101672	110.637	ug/l	98
68) m/p-Xylenes	11.945	106	850061	224.334	ug/l	90
69) o-Xylene	12.274	106	428352	114.864	ug/l	92
70) Styrene	12.292	104	714747	124.540	ug/l	95
71) Bromoform	12.457	173	198764	116.726	ug/l #	100
73) Isopropylbenzene	12.574	105	1159784	104.555	ug/l	98
74) N-amyl acetate	12.386	43	373198	96.785	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	304273	77.497	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	418050	120.502	ug/l	55
77) Bromobenzene	12.857	156	268031	100.977	ug/l	100
78) n-propylbenzene	12.916	91	1321009	111.010	ug/l	98
79) 2-Chlorotoluene	13.004	91	803438	101.971	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	996660	108.622	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	99046	96.306	ug/l	89
82) 4-Chlorotoluene	13.098	91	787402	105.990	ug/l	96
83) tert-Butylbenzene	13.316	119	869864	109.997	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	966497	109.660	ug/l	96
85) sec-Butylbenzene	13.498	105	1164347	110.787	ug/l	99
86) p-Isopropyltoluene	13.610	119	966532	117.385	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	459179	100.757	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	454875	99.925	ug/l	99
89) n-Butylbenzene	13.939	91	739792	116.828	ug/l	99
90) Hexachloroethane	14.204	117	154863	94.206	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	445119	97.302	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	76563	108.435	ug/l	87
93) 1,2,4-Trichlorobenzene	15.257	180	233516	130.641	ug/l	99
94) Hexachlorobutadiene	15.362	225	114291	97.206	ug/l	98
95) Naphthalene	15.498	128	728988	141.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	228425	127.479	ug/l	97

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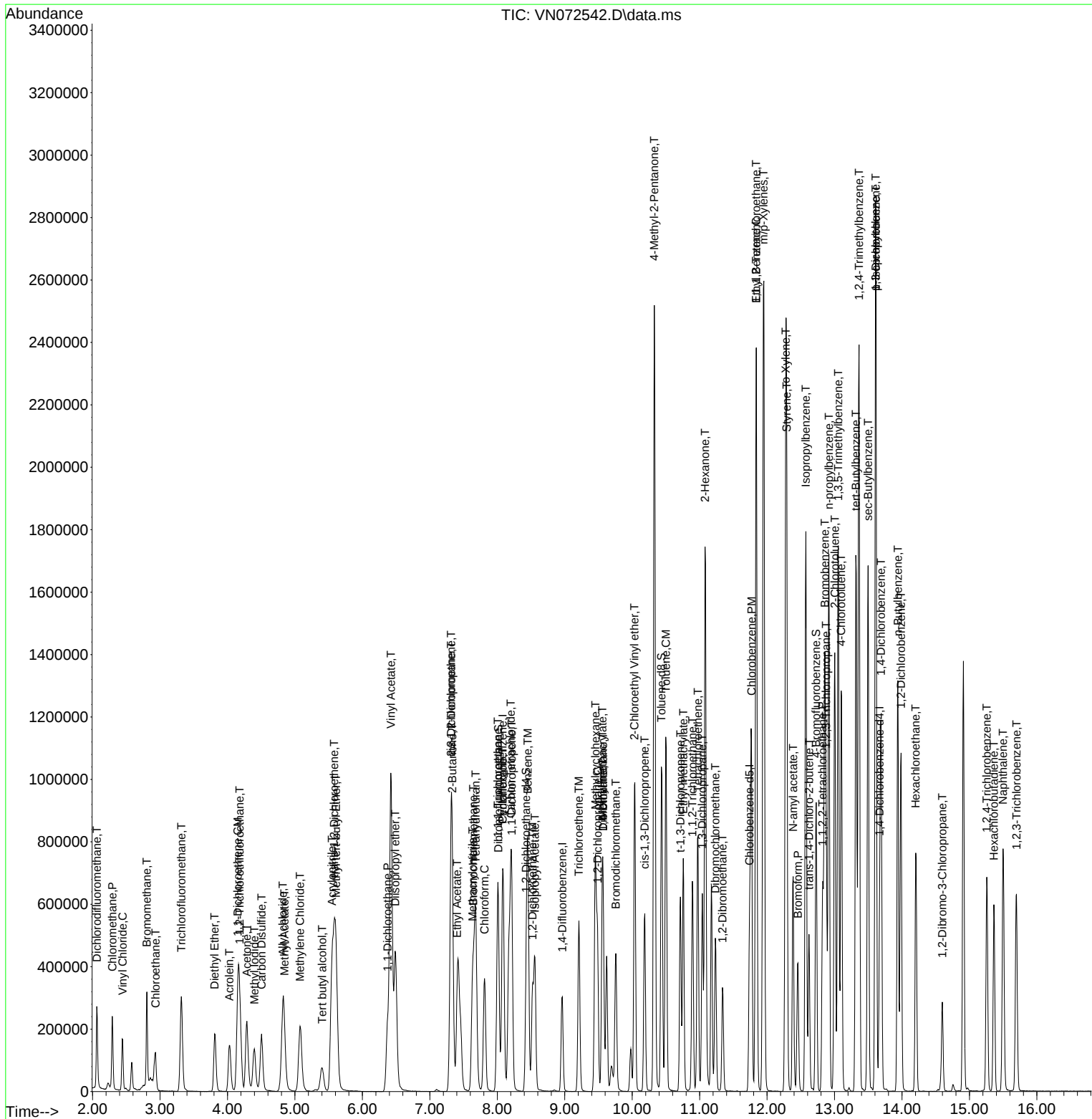
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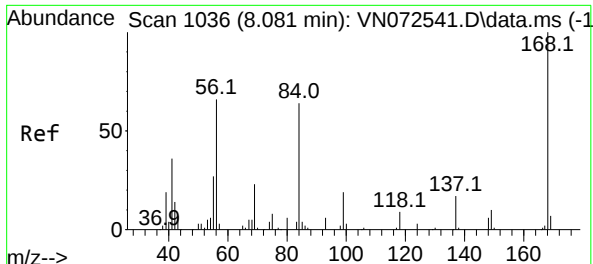
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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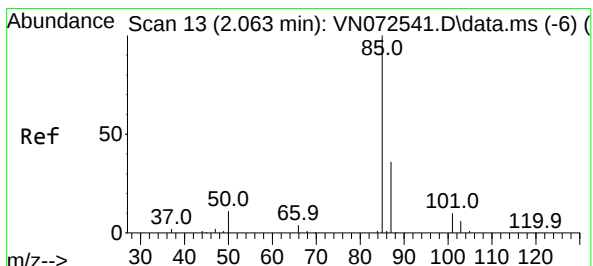
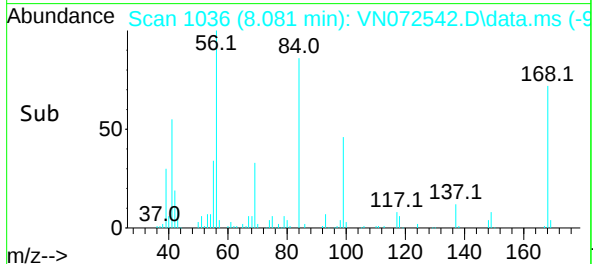
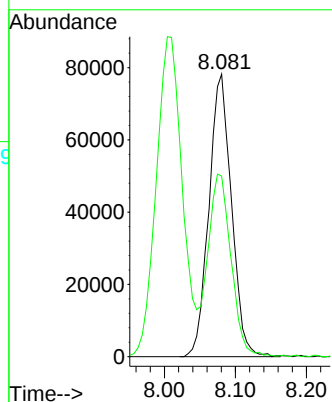
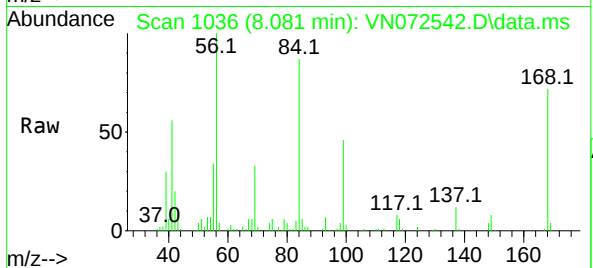




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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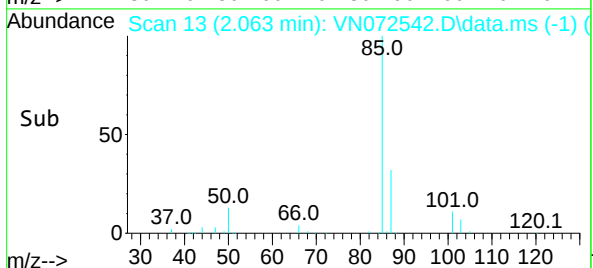
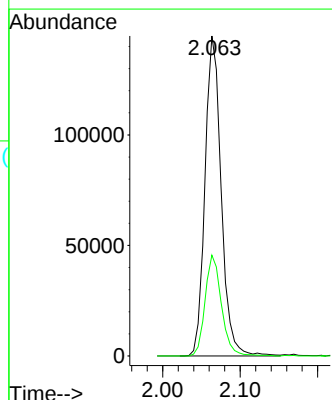
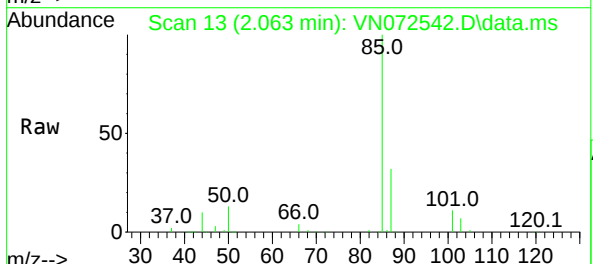
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ClientSampleId :
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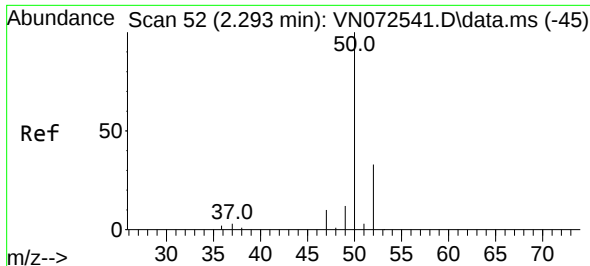
Tgt Ion:168 Resp: 172095
Ion Ratio Lower Upper
168 100
99 63.7 42.3 63.5#



#2
Dichlorodifluoromethane
Concen: 101.030 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 85 Resp: 210436
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.1

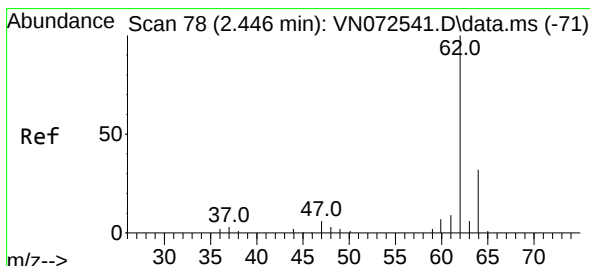
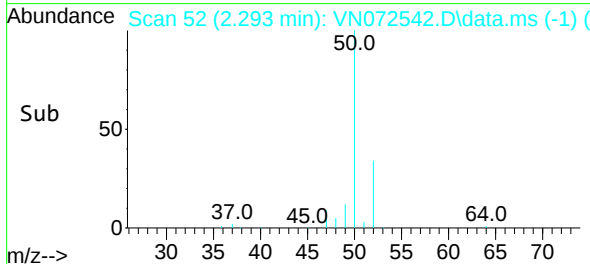
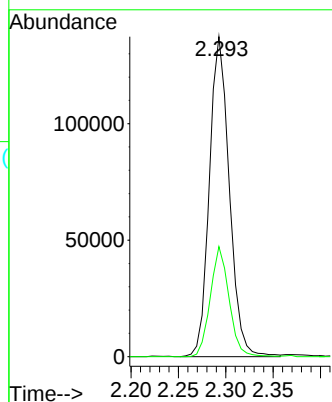
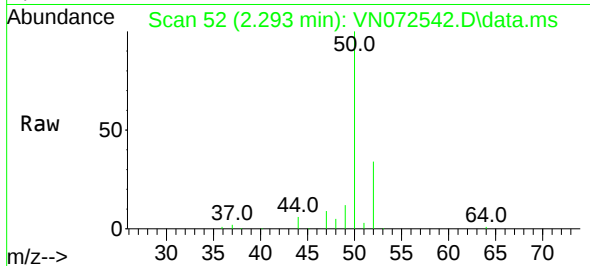




#3
Chloromethane
Concen: 91.123 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

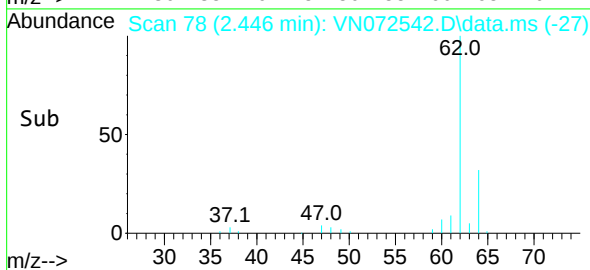
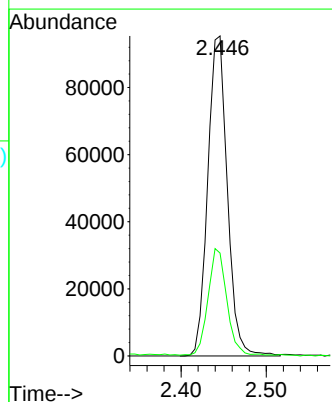
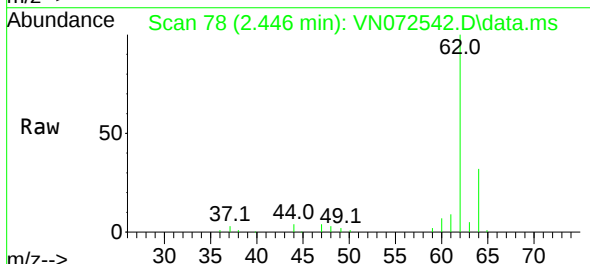
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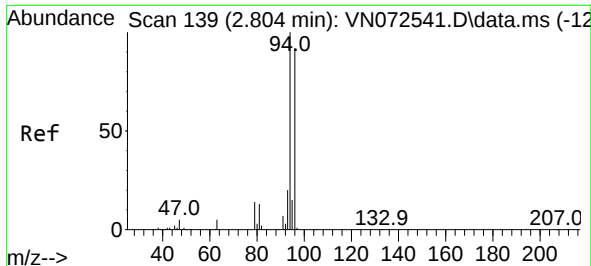
Tgt Ion: 50 Resp: 200796
Ion Ratio Lower Upper
50 100
52 34.4 25.7 38.5



#4
Vinyl Chloride
Concen: 87.796 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 62 Resp: 152130
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.4

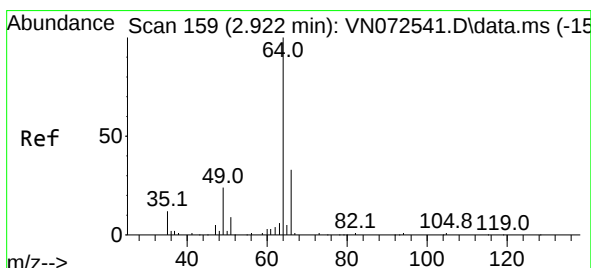
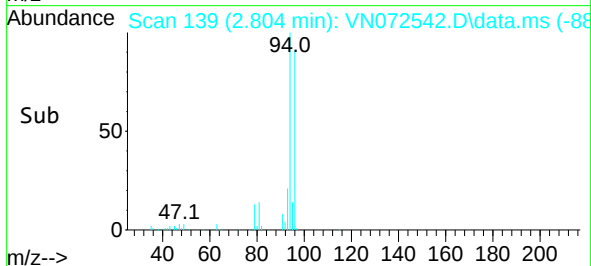
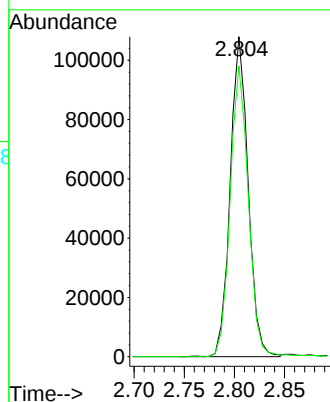
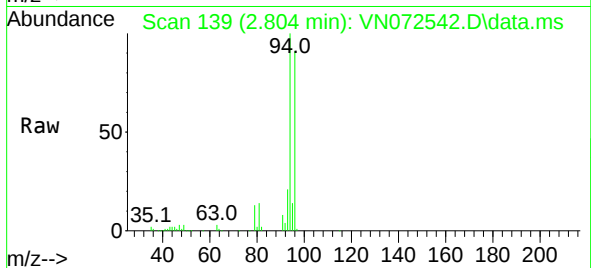




#5
Bromomethane
Concen: 121.412 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

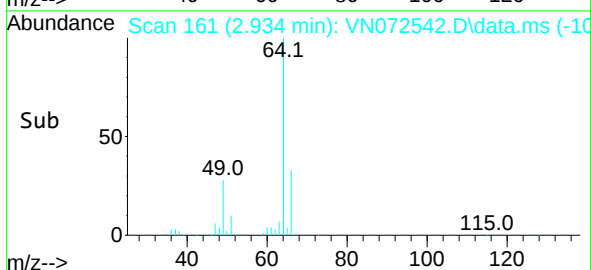
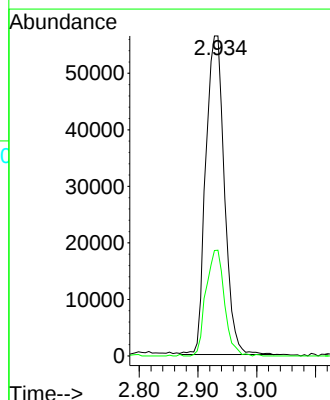
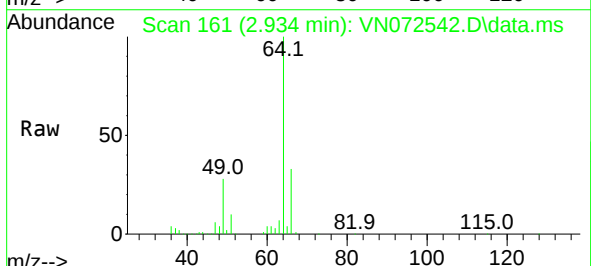
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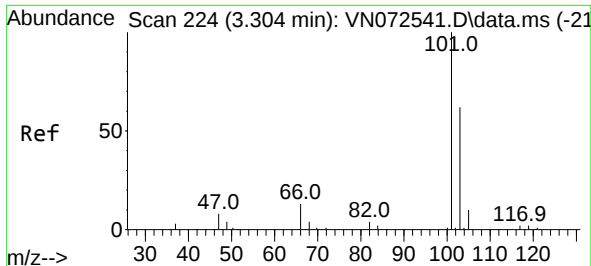
Tgt Ion: 94 Resp: 133850
Ion Ratio Lower Upper
94 100
96 90.8 76.0 114.0



#6
Chloroethane
Concen: 105.398 ug/l
RT: 2.934 min Scan# 161
Delta R.T. 0.012 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 64 Resp: 124137
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4

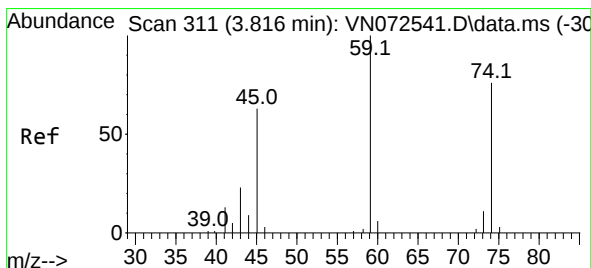
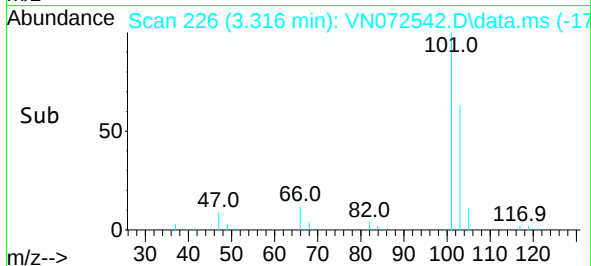
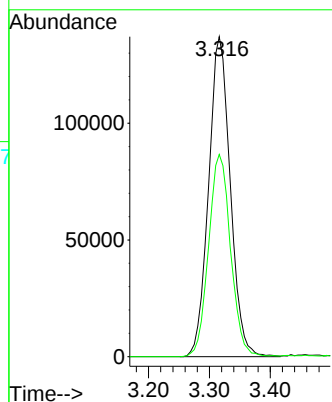
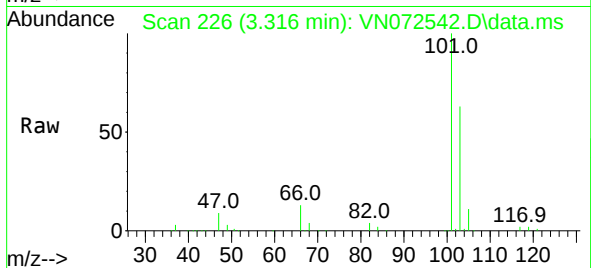




#7
Trichlorofluoromethane
Concen: 102.980 ug/l
RT: 3.316 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

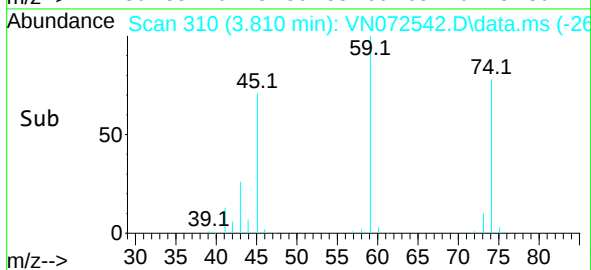
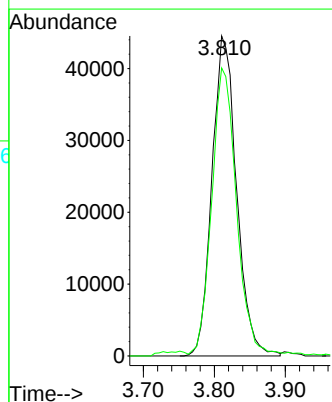
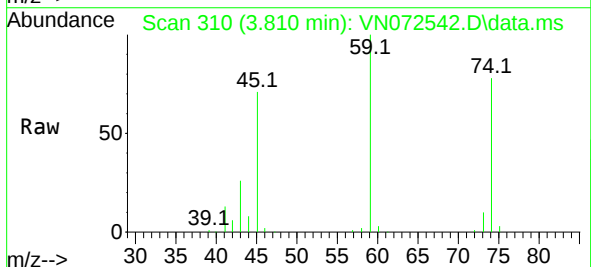
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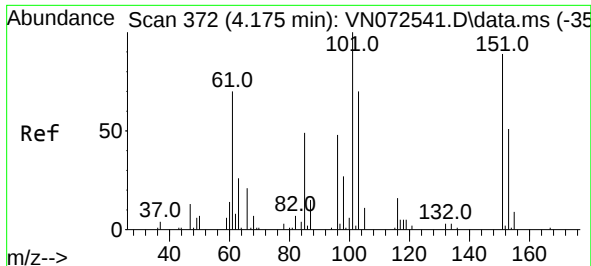
Tgt Ion:101 Resp: 338485
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3



#8
Diethyl Ether
Concen: 92.192 ug/l
RT: 3.810 min Scan# 310
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 74 Resp: 107005
Ion Ratio Lower Upper
74 100
45 89.0 42.9 128.5

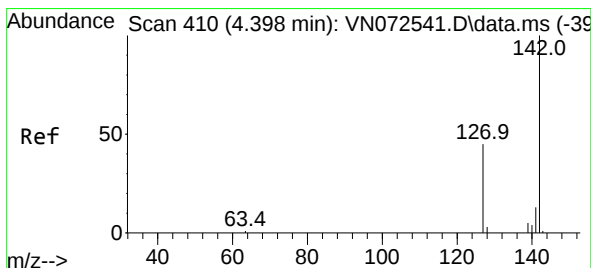
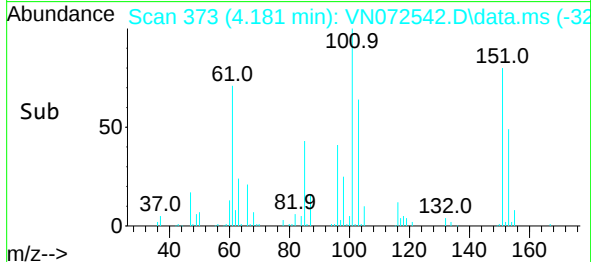
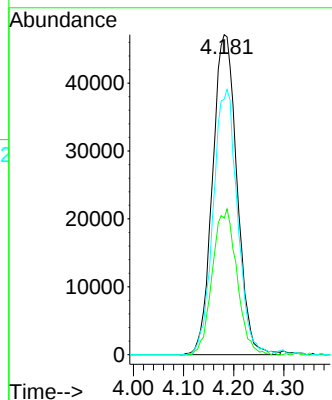
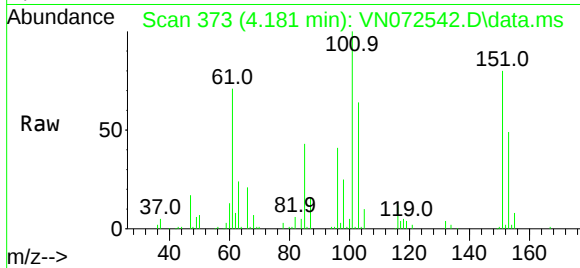




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.288 ug/l
RT: 4.181 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

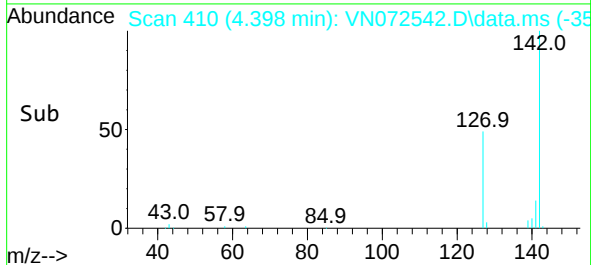
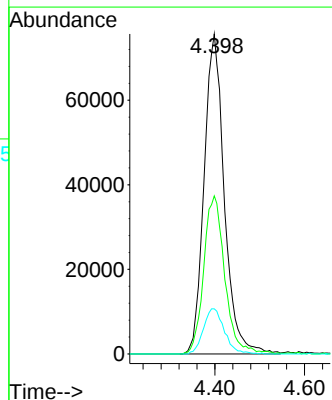
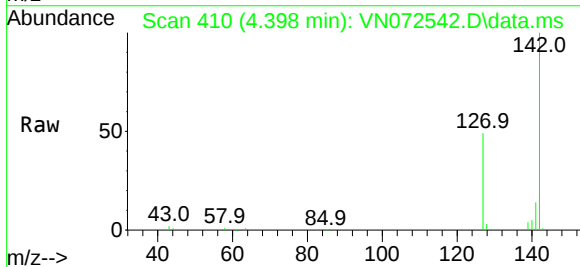
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

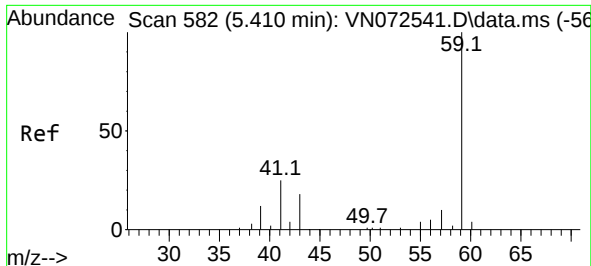
Tgt Ion:101 Resp: 159851
Ion Ratio Lower Upper
101 100
85 45.3 34.7 52.1
151 82.1 63.0 94.4



#10
Methyl Iodide
Concen: 101.492 ug/l
RT: 4.398 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion:142 Resp: 236546
Ion Ratio Lower Upper
142 100
127 51.5 31.3 46.9#
141 14.6 11.2 16.8

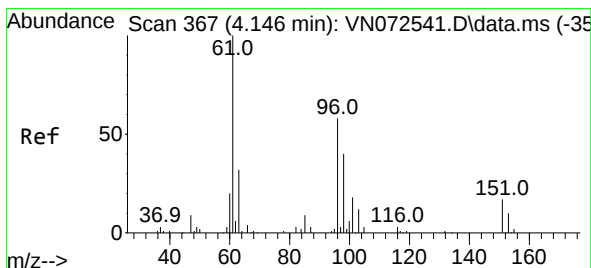
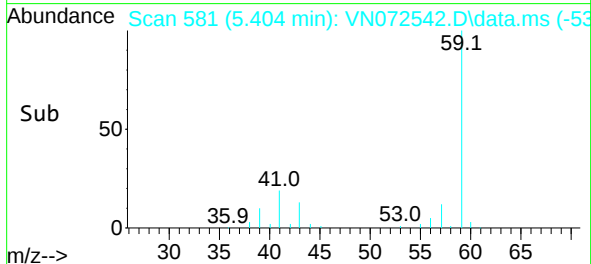
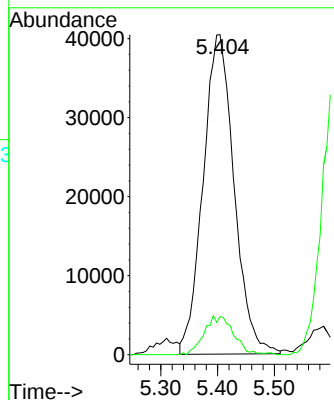
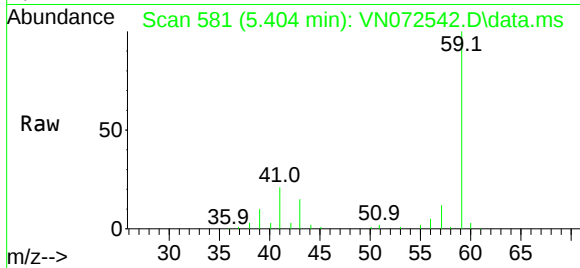




#11
Tert butyl alcohol
Concen: 384.623 ug/l
RT: 5.404 min Scan# 581
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

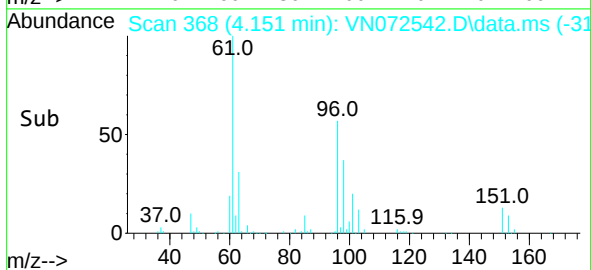
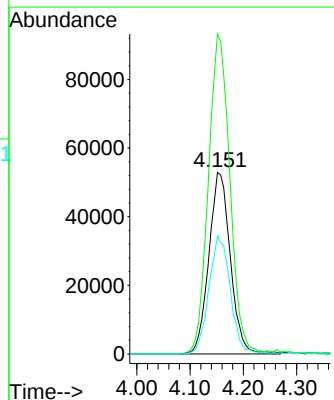
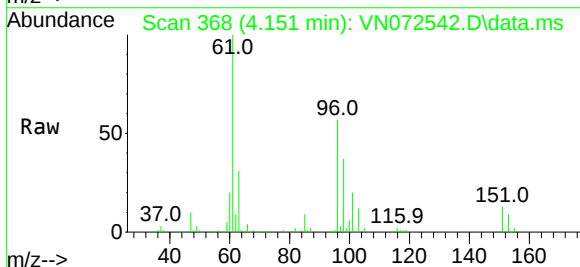
Instrument :
MSVOA_N
ClientSampleId :
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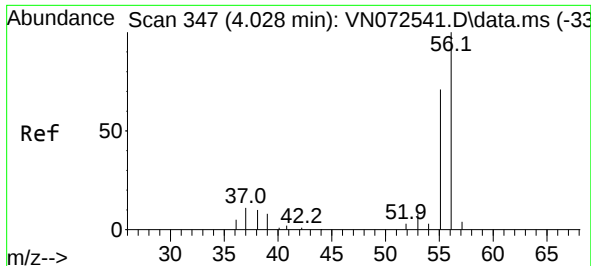
Tgt Ion: 59 Resp: 153284
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 89.481 ug/l
RT: 4.151 min Scan# 368
Delta R.T. 0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 96 Resp: 148132
Ion Ratio Lower Upper
96 100
61 176.2 127.6 191.4
98 64.9 51.2 76.8

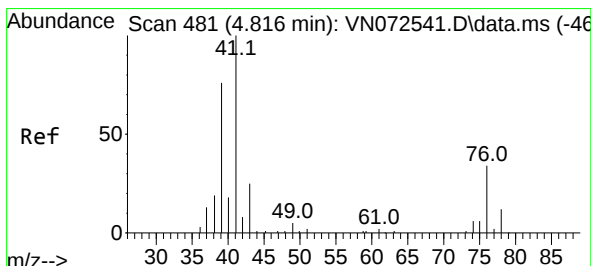
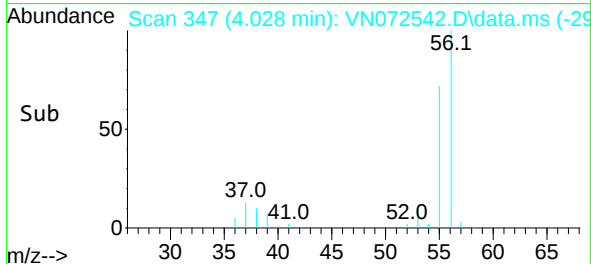
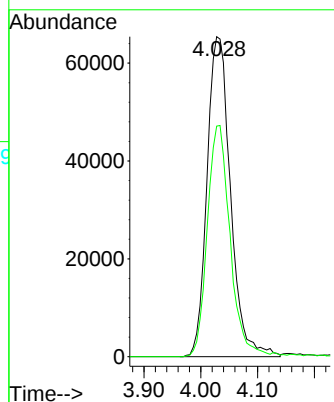
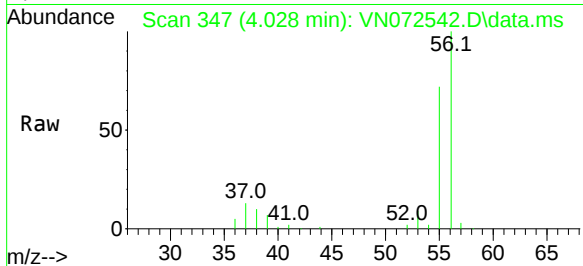




#13
Acrolein
Concen: 470.658 ug/l
RT: 4.028 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

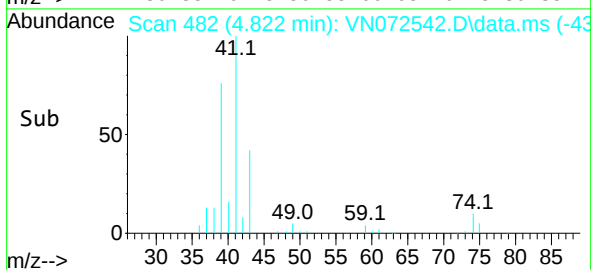
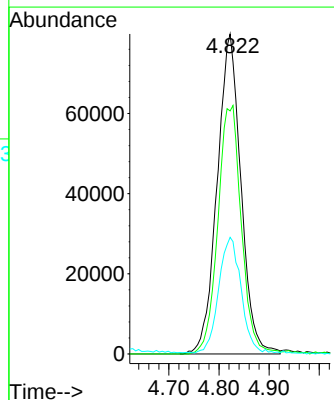
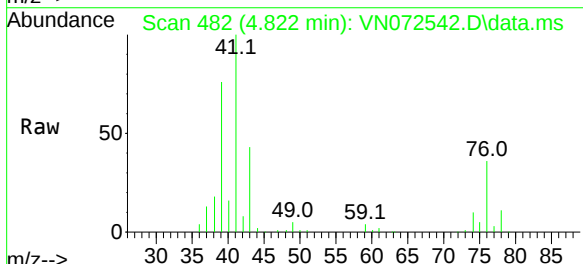
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

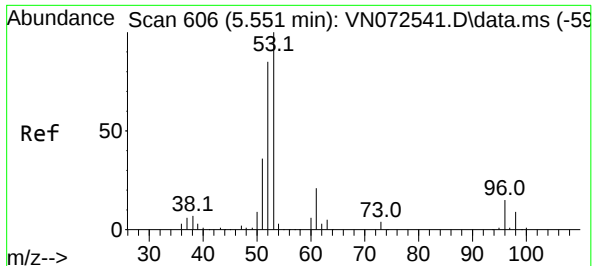
Tgt Ion: 56 Resp: 187303
Ion Ratio Lower Upper
56 100
55 70.0 54.8 82.2



#14
Allyl chloride
Concen: 85.263 ug/l
RT: 4.822 min Scan# 482
Delta R.T. 0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 41 Resp: 263067
Ion Ratio Lower Upper
41 100
39 76.6 53.2 79.8
76 33.9 29.9 44.9

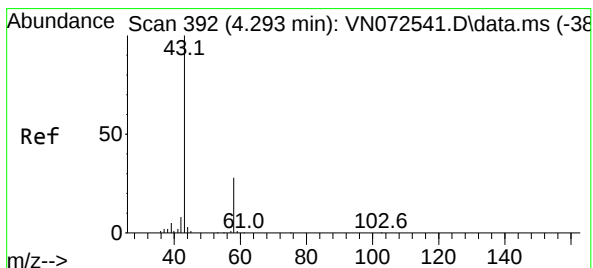
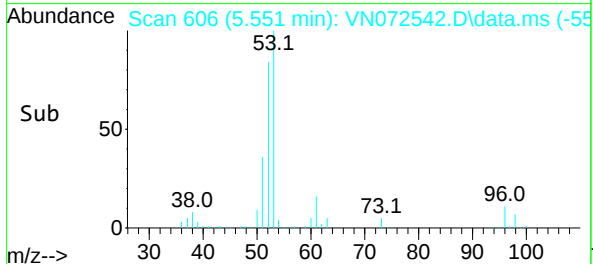
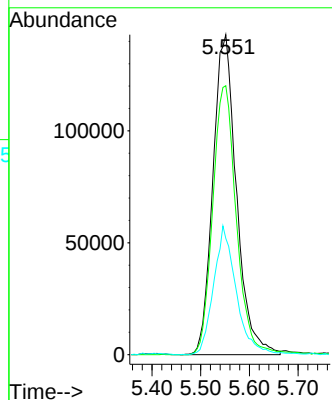
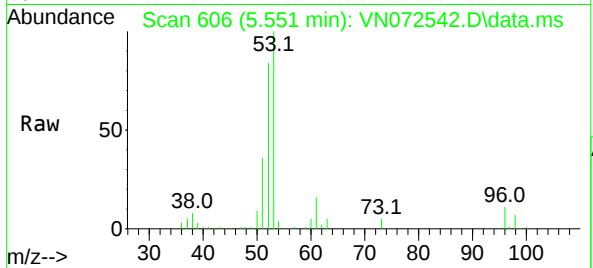




#15
Acrylonitrile
Concen: 425.347 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

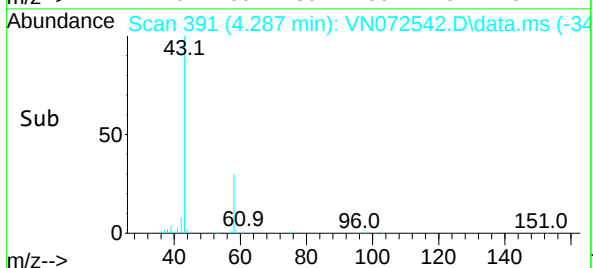
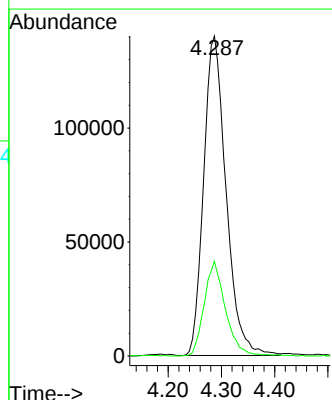
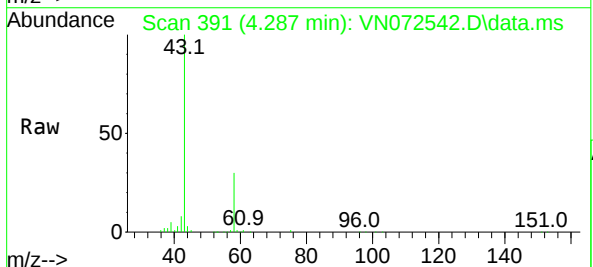
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

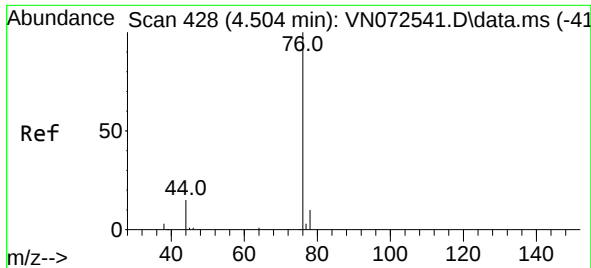
Tgt Ion: 53 Resp: 480399
Ion Ratio Lower Upper
53 100
52 84.6 66.4 99.6
51 38.8 28.5 42.7



#16
Acetone
Concen: 413.028 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 43 Resp: 409715
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0

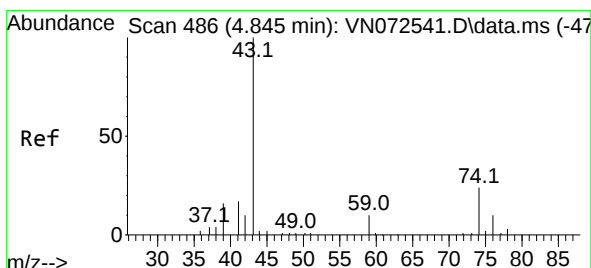
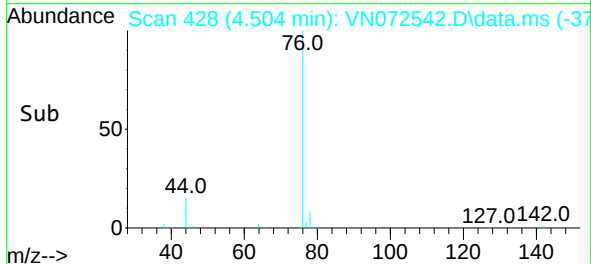
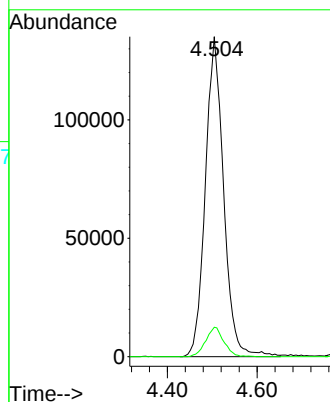
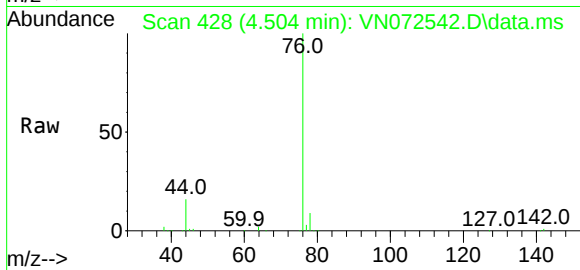




#17
Carbon Disulfide
Concen: 88.793 ug/l
RT: 4.504 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

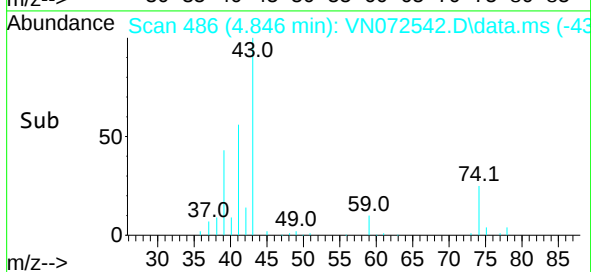
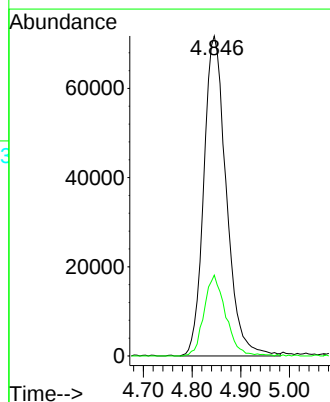
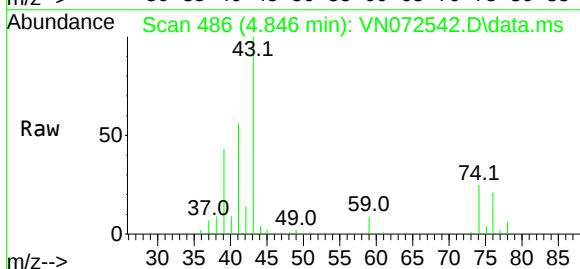
Instrument :
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ClientSampleId :
VSTDIC100

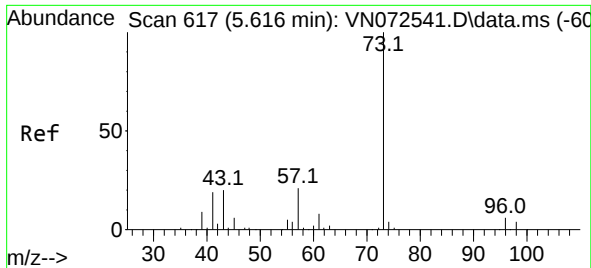
Tgt Ion: 76 Resp: 381838
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 78.598 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 43 Resp: 230399
Ion Ratio Lower Upper
43 100
74 24.3 21.6 32.4

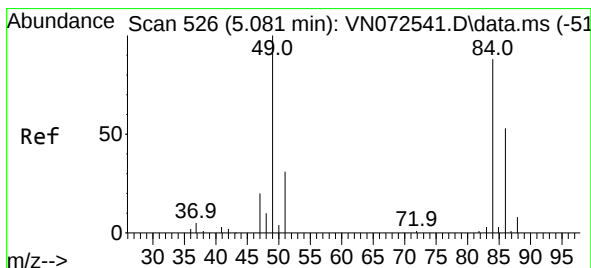
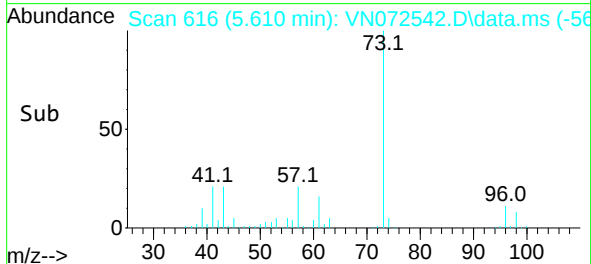
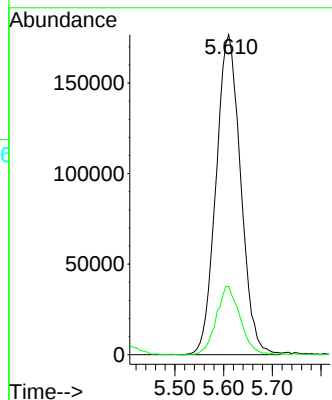
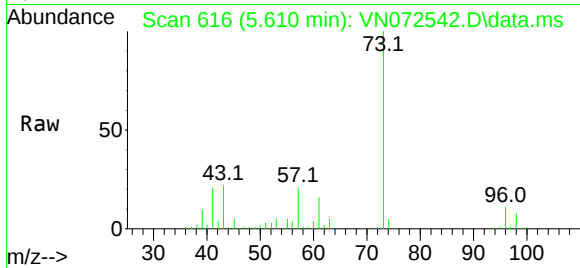




#19
Methyl tert-butyl Ether
Concen: 101.514 ug/l
RT: 5.610 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

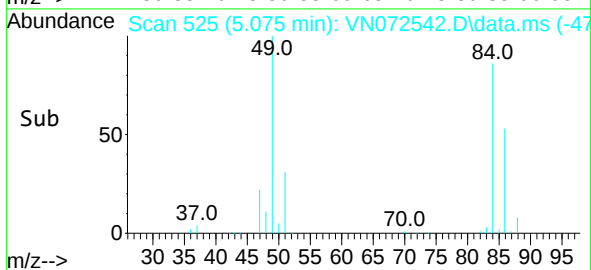
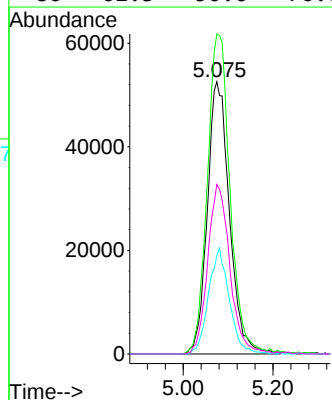
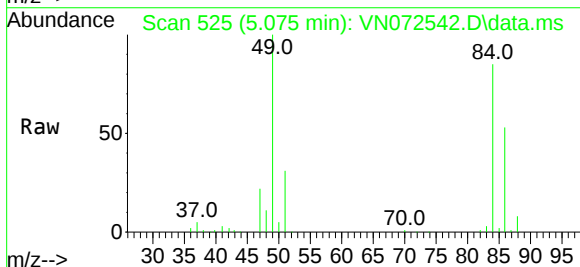
Instrument :
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ClientSampleId :
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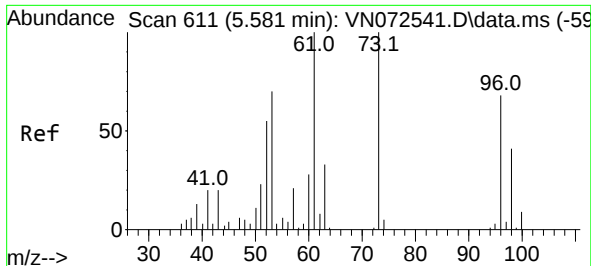
Tgt Ion: 73 Resp: 620481
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4



#20
Methylene Chloride
Concen: 86.264 ug/l
RT: 5.075 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 84 Resp: 180186
Ion Ratio Lower Upper
84 100
49 117.6 88.3 132.5
51 36.2 28.2 42.2
86 62.3 50.6 76.0

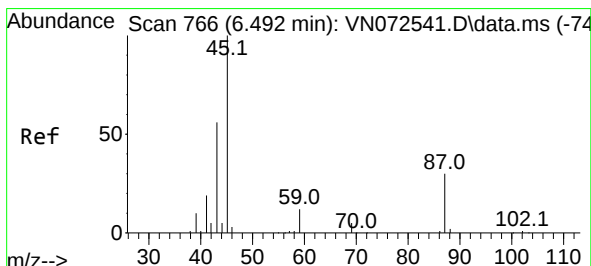
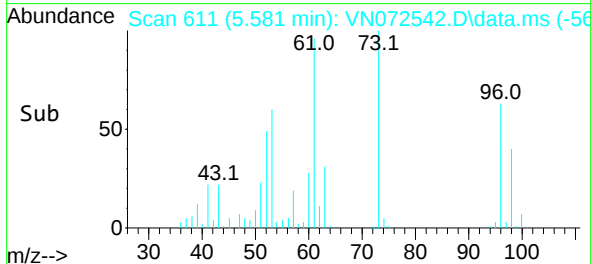
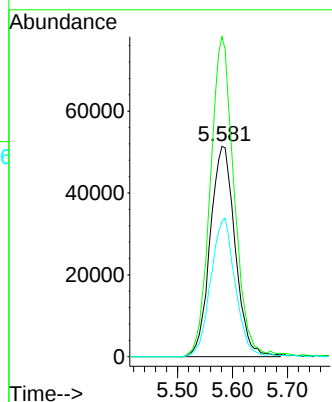
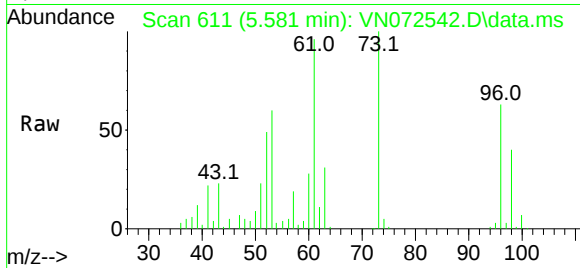




#21
trans-1,2-Dichloroethene
Concen: 91.553 ug/l
RT: 5.581 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

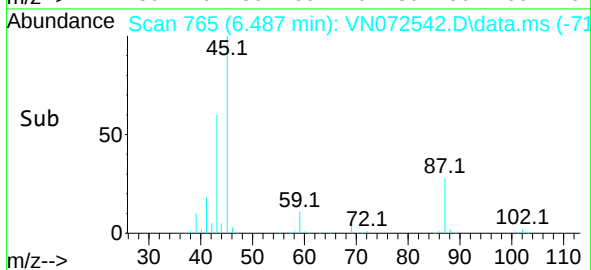
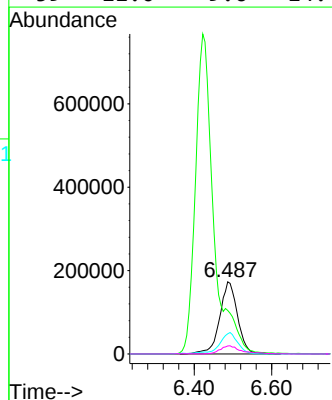
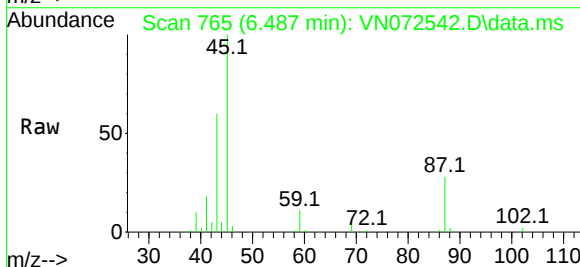
Instrument :
MSVOA_N
ClientSampleId :
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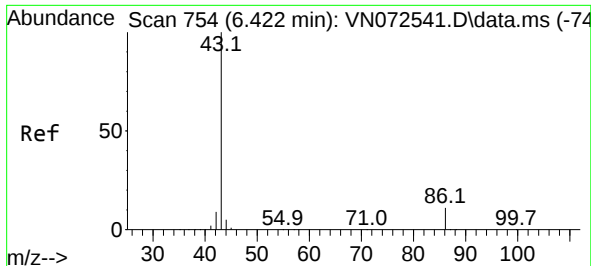
Tgt Ion: 96 Resp: 161850
Ion Ratio Lower Upper
96 100
61 152.0 105.8 158.8
98 64.2 50.3 75.5



#22
Diisopropyl ether
Concen: 87.307 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 45 Resp: 552821
Ion Ratio Lower Upper
45 100
43 59.1 46.6 70.0
87 27.9 24.3 36.5
59 11.0 9.6 14.4

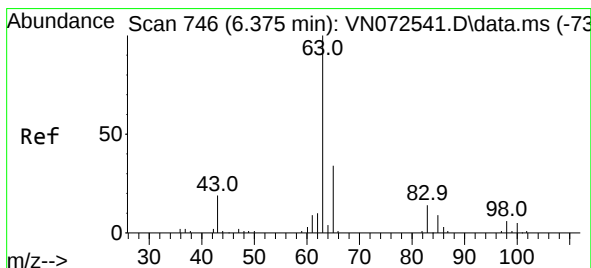
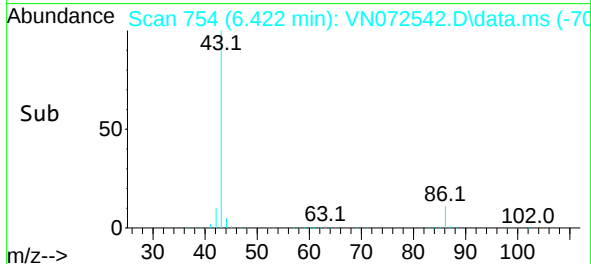
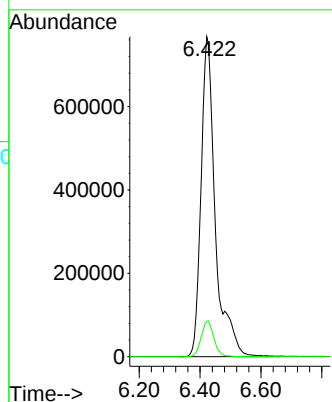
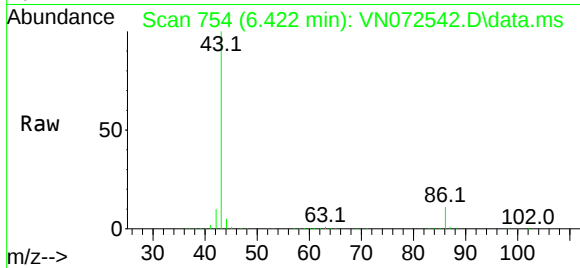




#23
 Vinyl Acetate
 Concen: 471.716 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. 0.000 min
 Lab File: VN072542.D
 Acq: 18 May 2022 15:06

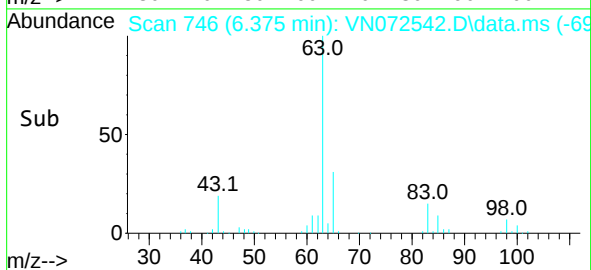
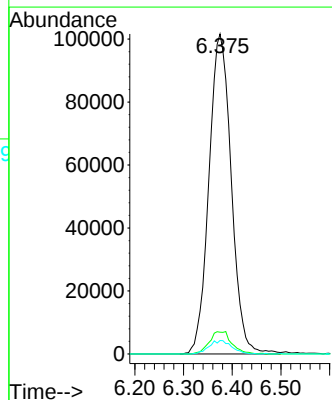
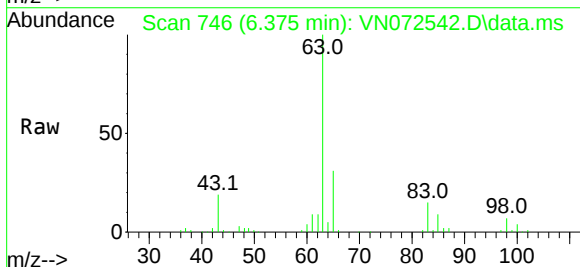
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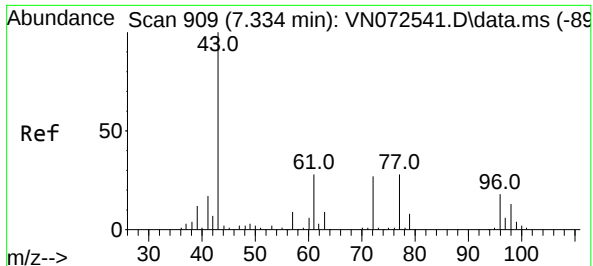
Tgt Ion: 43 Resp: 2499465
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 90.153 ug/l
 RT: 6.375 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VN072542.D
 Acq: 18 May 2022 15:06

Tgt Ion: 63 Resp: 323584
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.2 2.3 6.8

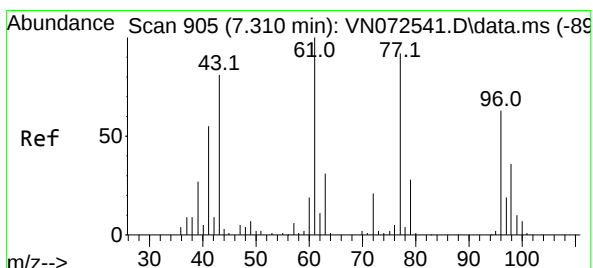
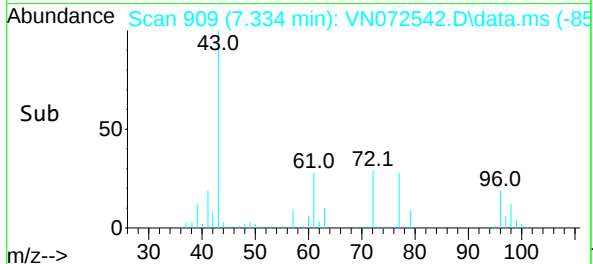
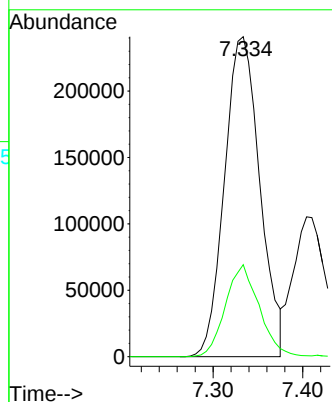
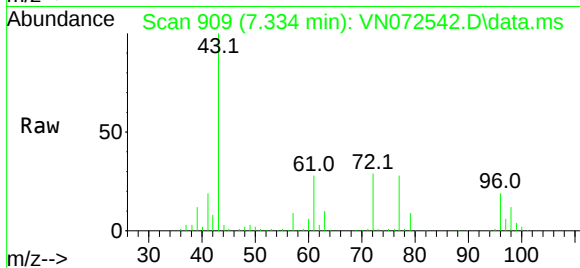




#25
2-Butanone
Concen: 418.553 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

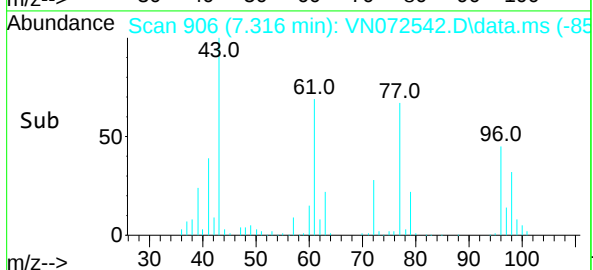
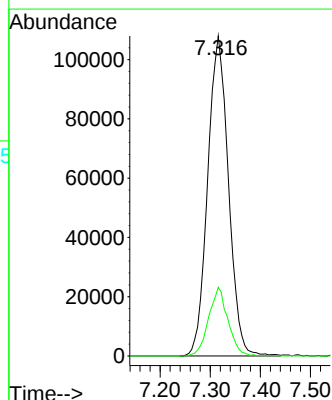
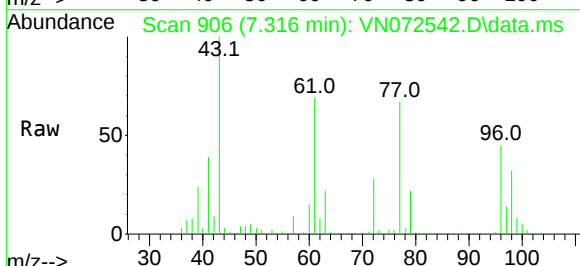
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

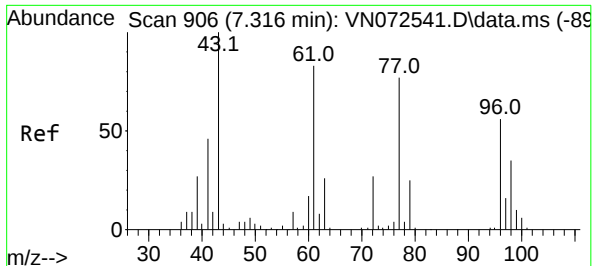
Tgt Ion: 43 Resp: 659663
Ion Ratio Lower Upper
43 100
72 28.8 23.7 35.5



#26
2,2-Dichloropropane
Concen: 101.853 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 77 Resp: 310675
Ion Ratio Lower Upper
77 100
97 19.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 92.140 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

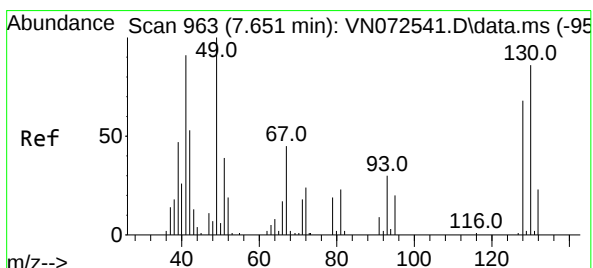
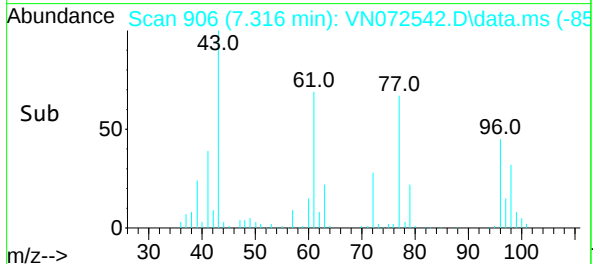
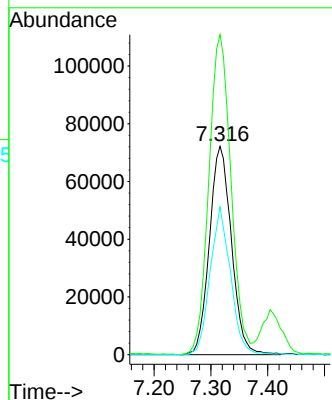
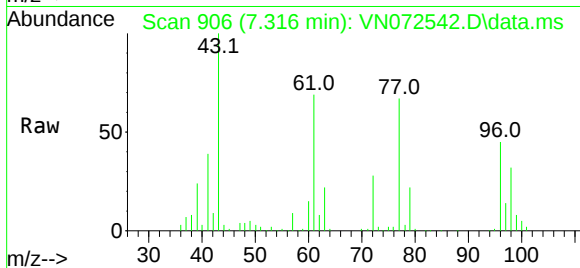
Tgt Ion: 96 Resp: 194485

Ion Ratio Lower Upper

96 100

61 153.5 0.0 280.6

98 65.7 0.0 128.4



#28

Bromochloromethane

Concen: 85.691 ug/l

RT: 7.645 min Scan# 962

Delta R.T. -0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

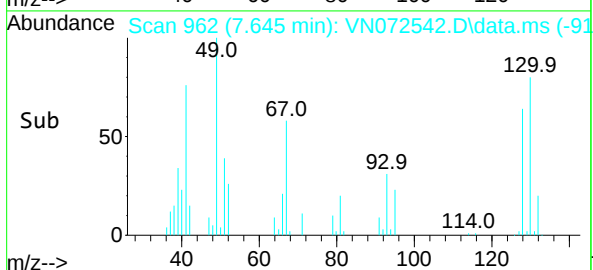
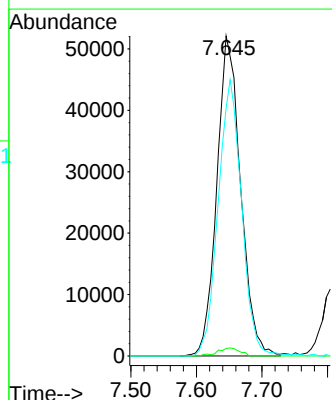
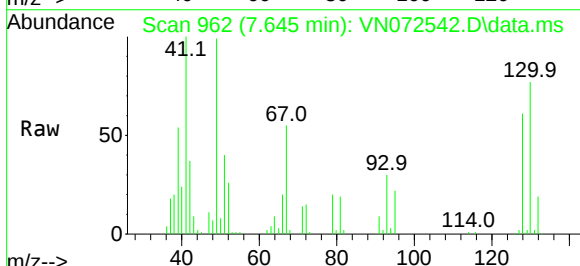
Tgt Ion: 49 Resp: 130961

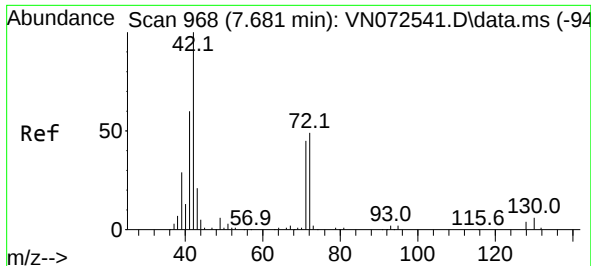
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 85.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 404.417 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

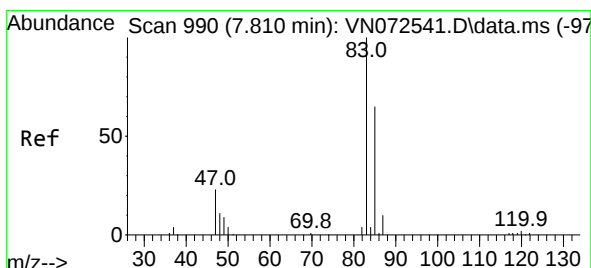
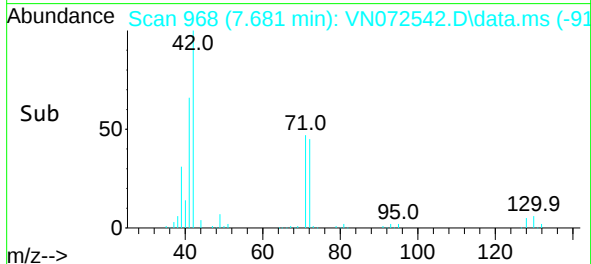
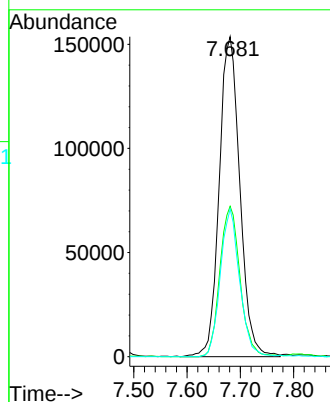
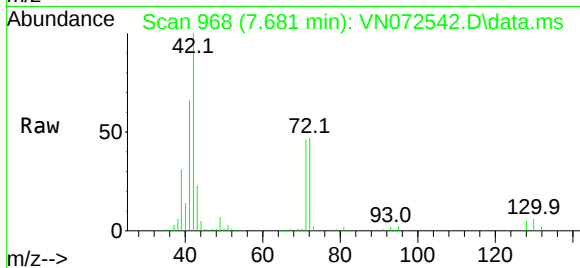
Tgt Ion: 42 Resp: 413602

Ion Ratio Lower Upper

42 100

72 46.0 39.7 59.5

71 43.0 36.6 55.0



#30

Chloroform

Concen: 97.757 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN072542.D

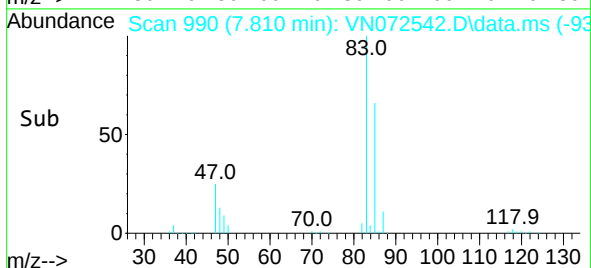
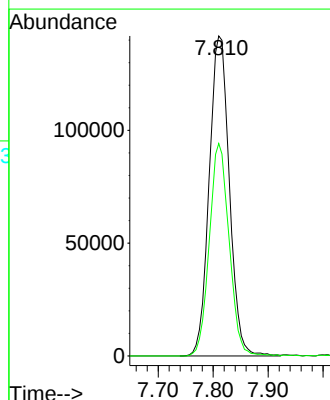
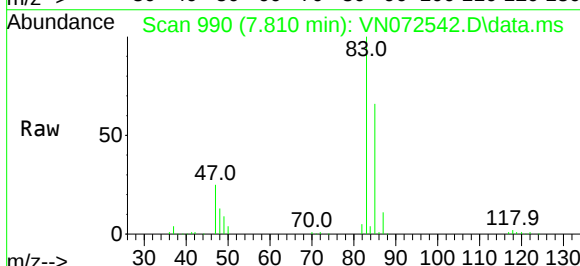
Acq: 18 May 2022 15:06

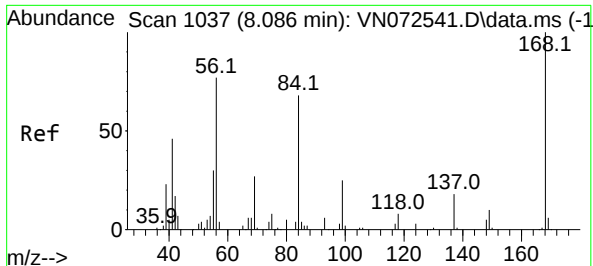
Tgt Ion: 83 Resp: 361199

Ion Ratio Lower Upper

83 100

85 66.4 51.8 77.8





#31

Cyclohexane

Concen: 83.840 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

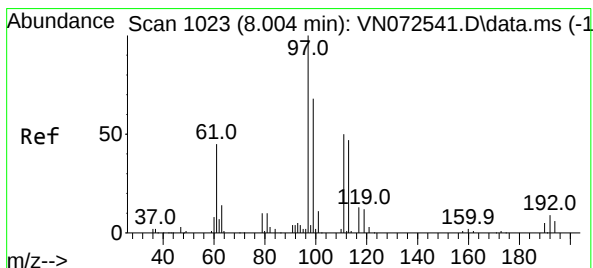
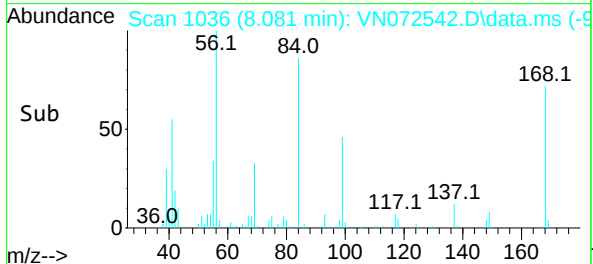
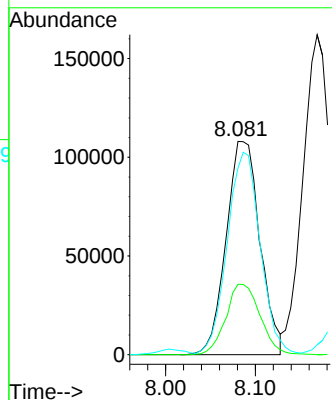
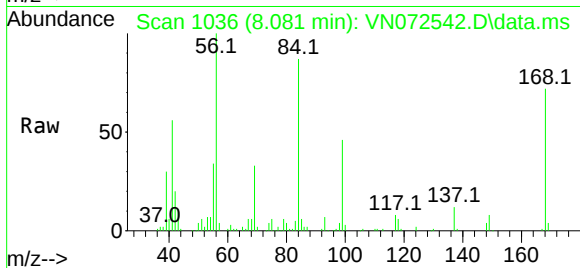
Tgt Ion: 56 Resp: 282695

Ion Ratio Lower Upper

56 100

69 33.0 27.8 41.8

84 85.5 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 104.571 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

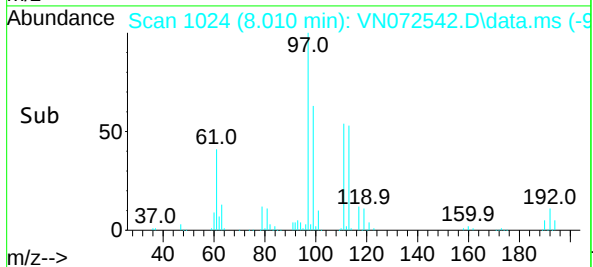
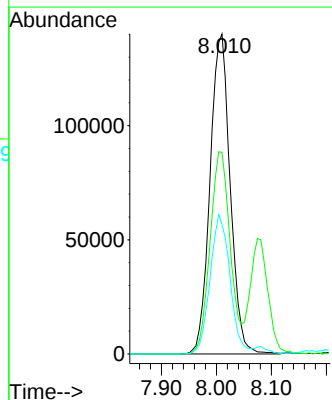
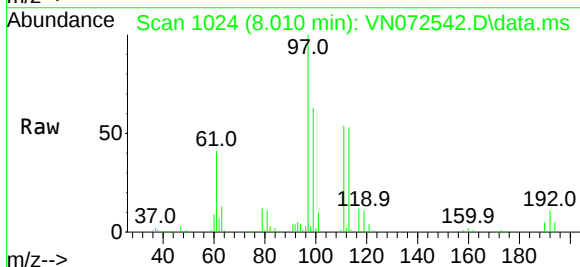
Tgt Ion: 97 Resp: 356418

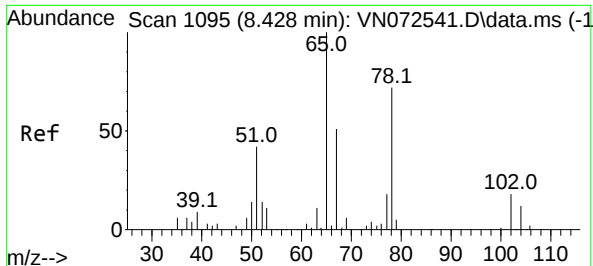
Ion Ratio Lower Upper

97 100

99 63.3 50.6 76.0

61 43.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 104.328 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

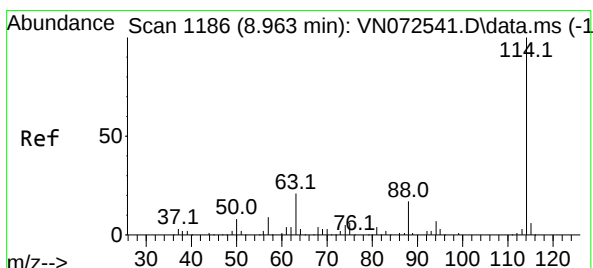
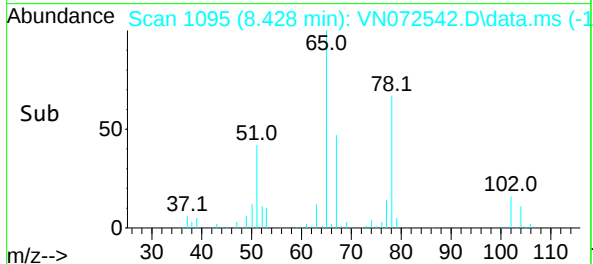
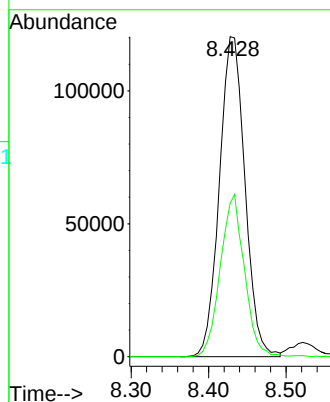
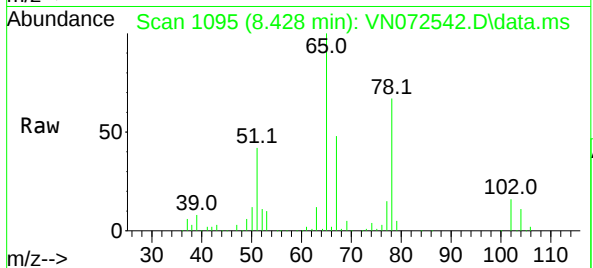
VSTDIC100

Tgt Ion: 65 Resp: 276099

Ion Ratio Lower Upper

65 100

67 47.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

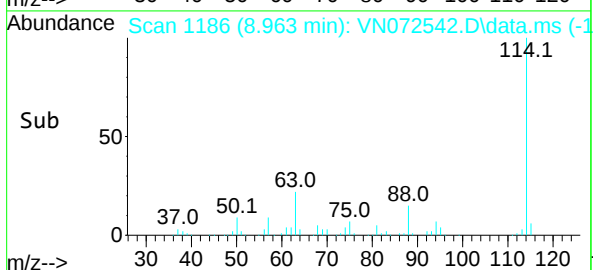
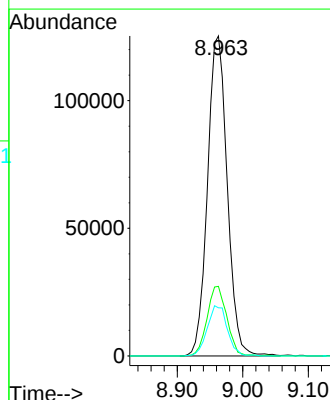
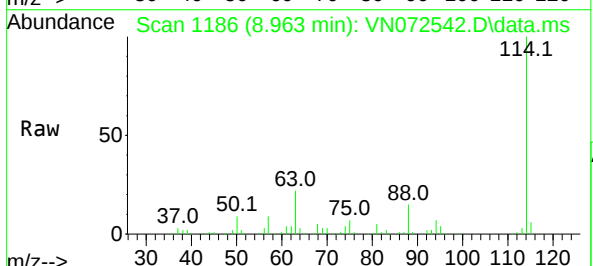
Tgt Ion: 114 Resp: 262345

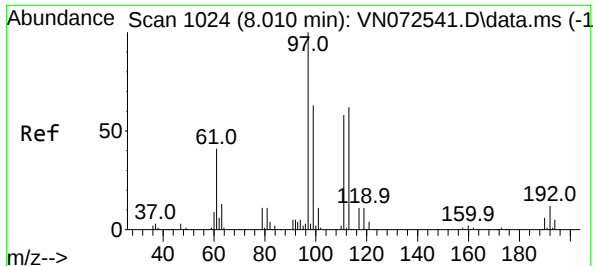
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 106.815 ug/l

RT: 8.016 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

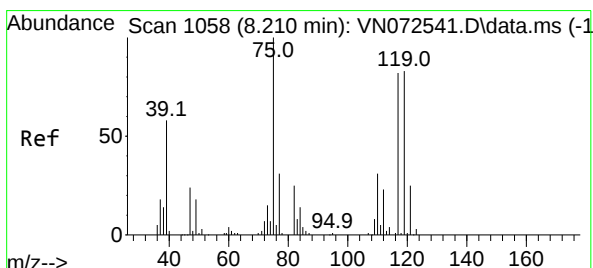
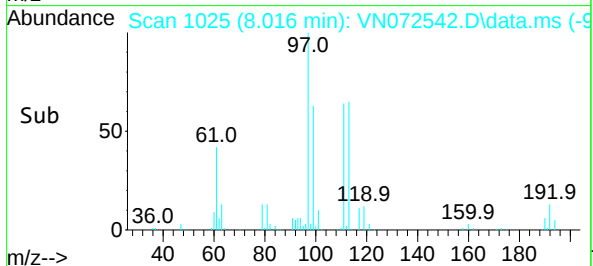
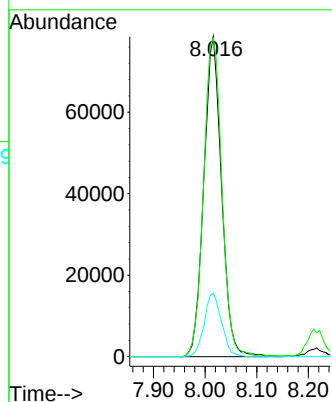
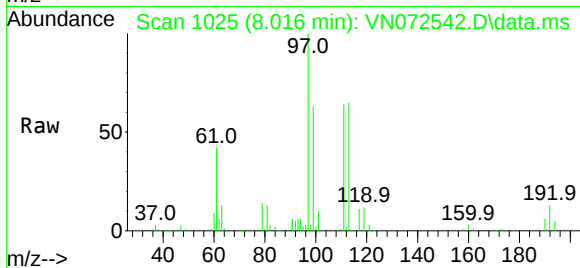
Tgt Ion:113 Resp: 187310

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 19.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 105.903 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

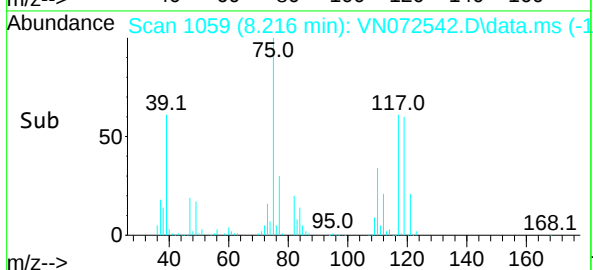
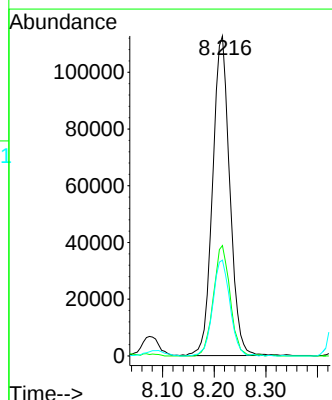
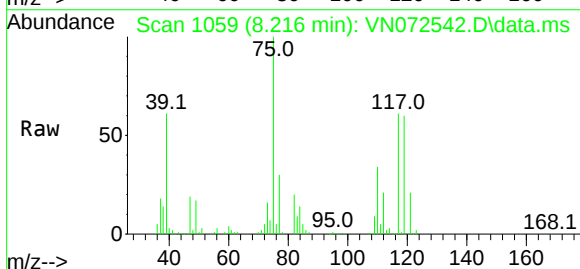
Tgt Ion: 75 Resp: 260163

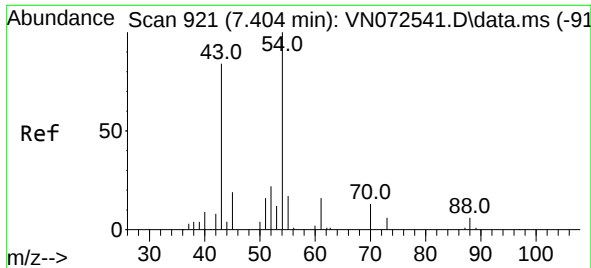
Ion Ratio Lower Upper

75 100

110 33.6 18.3 54.8

77 30.1 25.1 37.7

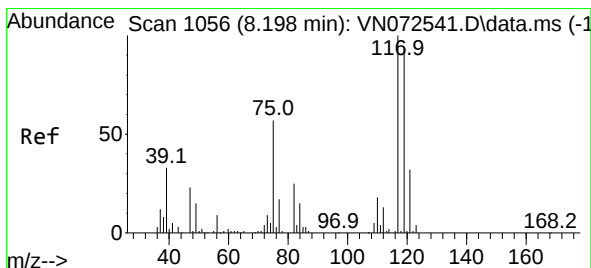
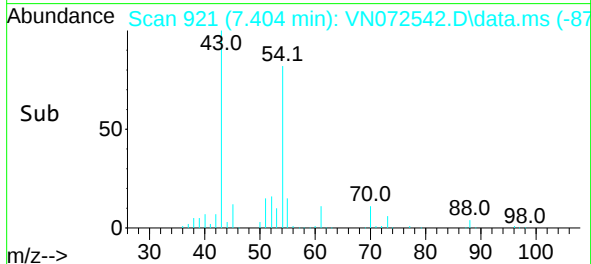
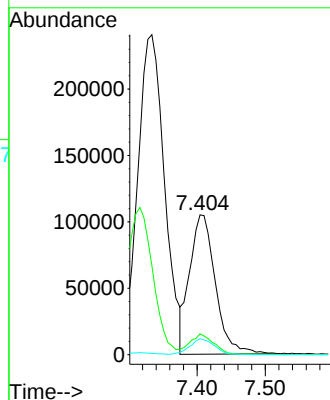
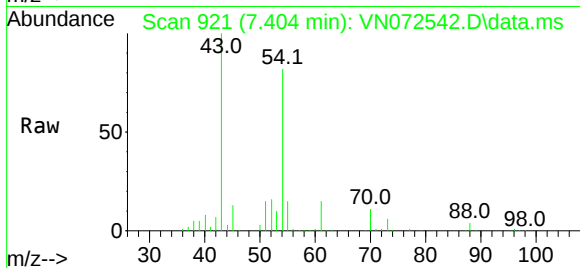




#37
Ethyl Acetate
Concen: 95.369 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

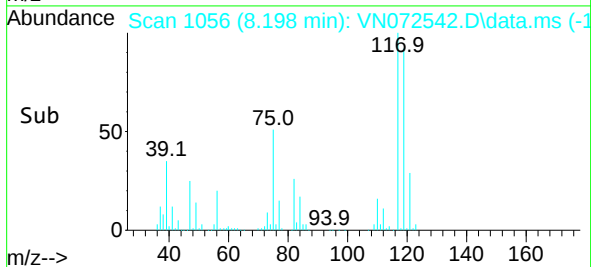
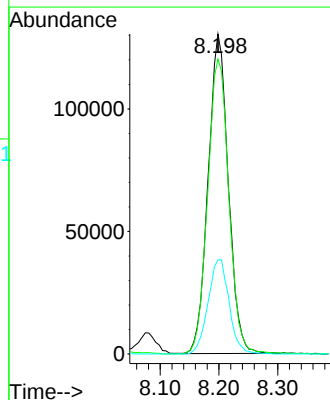
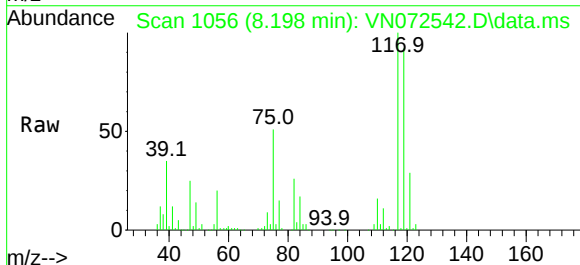
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

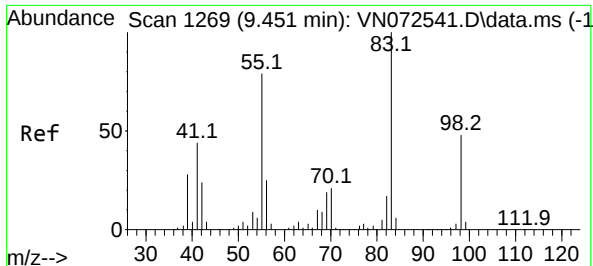
Tgt Ion: 43 Resp: 274934
Ion Ratio Lower Upper
43 100
61 13.2 11.8 17.6
70 10.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 112.210 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 117 Resp: 311277
Ion Ratio Lower Upper
117 100
119 92.2 75.8 113.8
121 29.5 24.6 37.0





#39

Methylcyclohexane

Concen: 110.537 ug/l

RT: 9.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

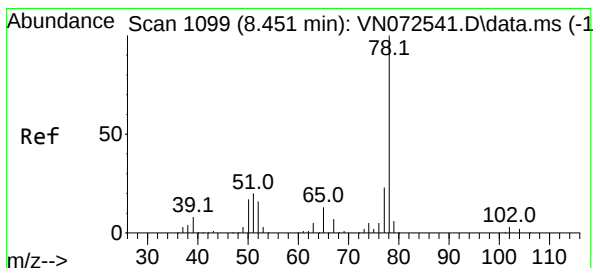
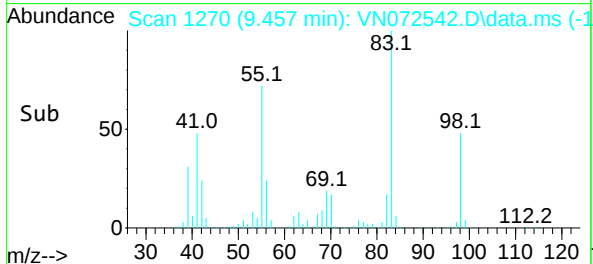
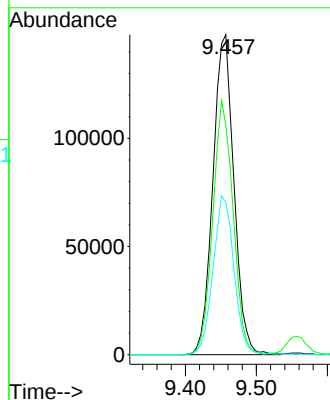
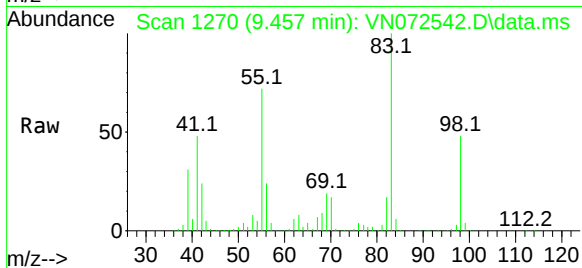
Tgt Ion: 83 Resp: 303206

Ion Ratio Lower Upper

83 100

55 71.6 57.8 86.8

98 47.6 39.4 59.2



#40

Benzene

Concen: 97.813 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VN072542.D

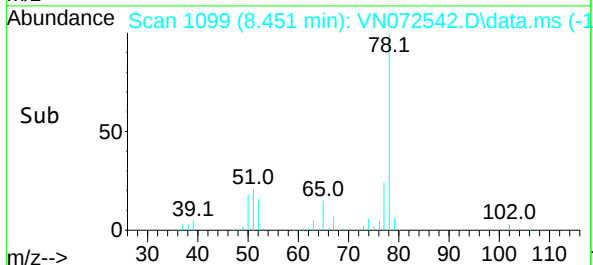
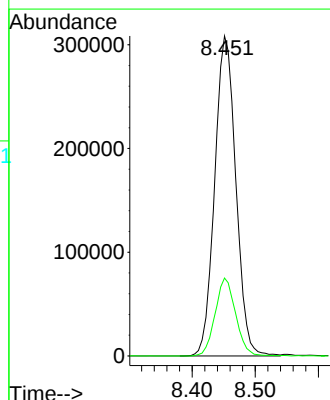
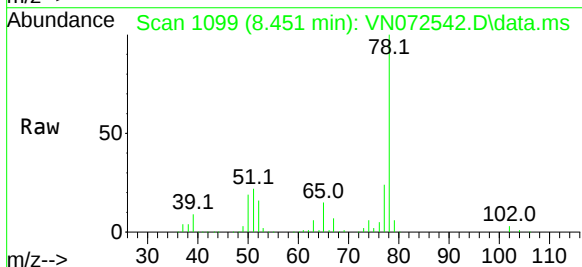
Acq: 18 May 2022 15:06

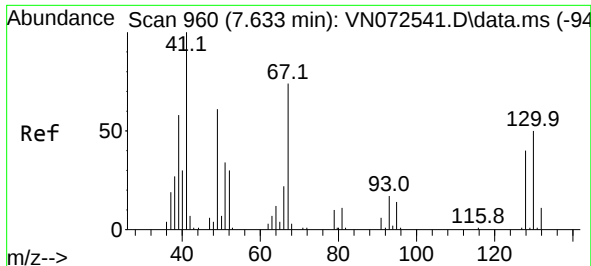
Tgt Ion: 78 Resp: 717034

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

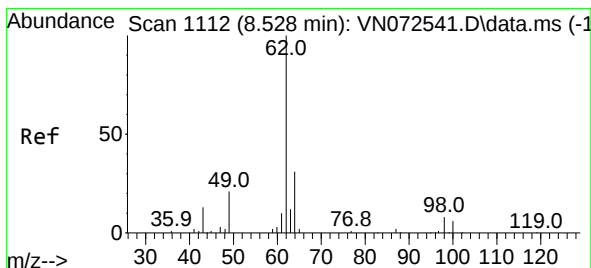
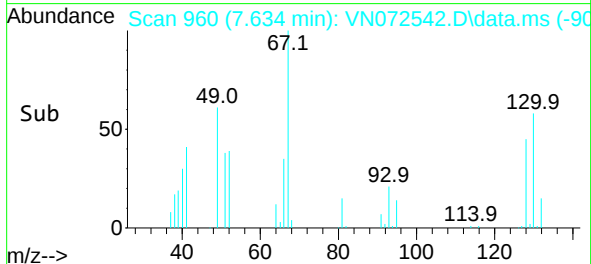
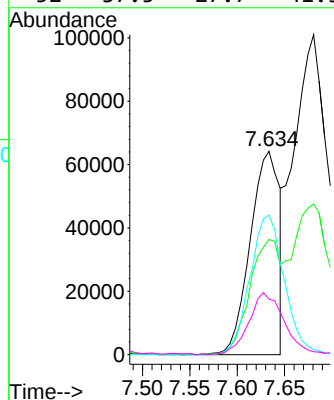
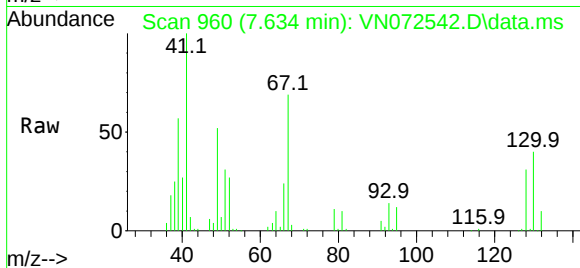




#41
Methacrylonitrile
Concen: 94.591 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

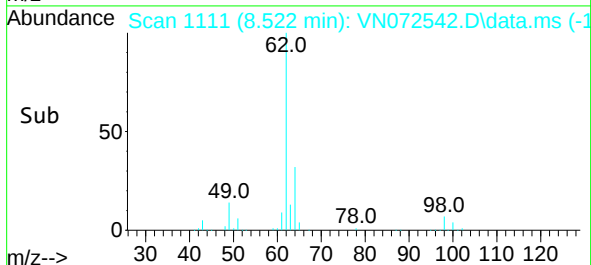
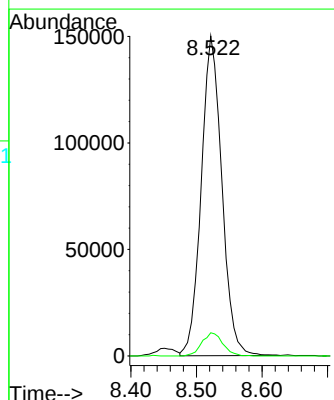
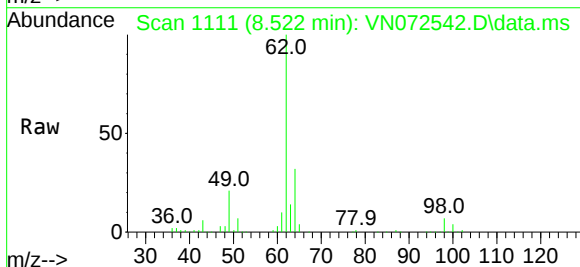
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

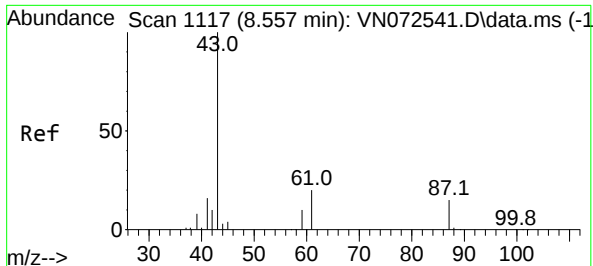
Tgt Ion: 41 Resp: 137788
Ion Ratio Lower Upper
41 100
39 58.0 48.6 73.0
67 81.6 73.4 110.2
52 37.5 27.7 41.5



#42
1,2-Dichloroethane
Concen: 109.963 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 62 Resp: 328691
Ion Ratio Lower Upper
62 100
98 7.4 0.0 19.4

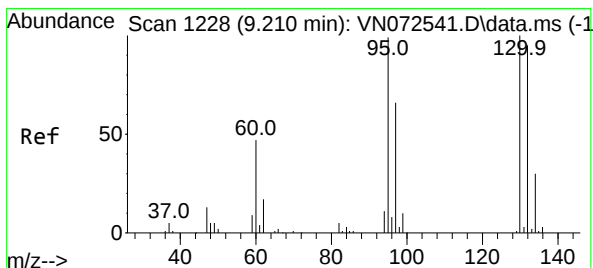
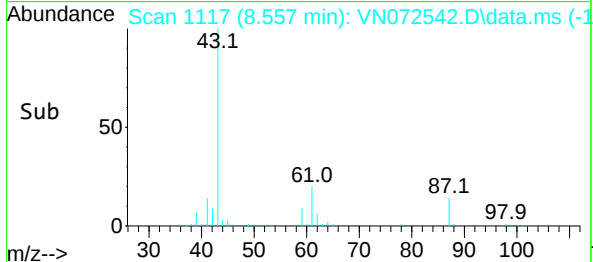
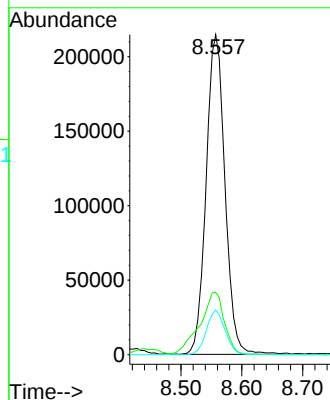
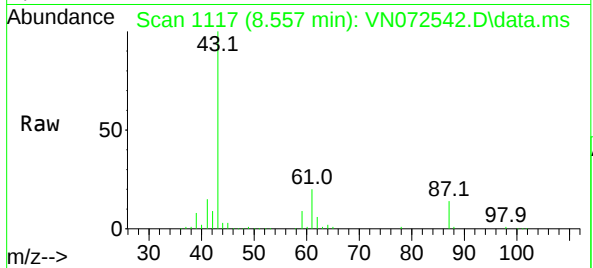




#43
Isopropyl Acetate
Concen: 102.133 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

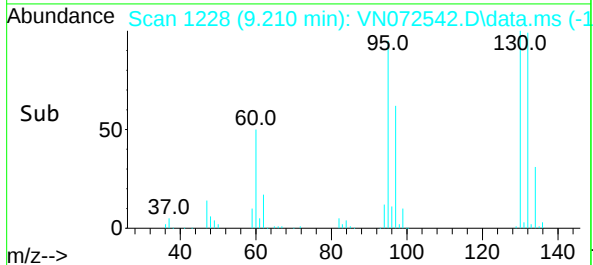
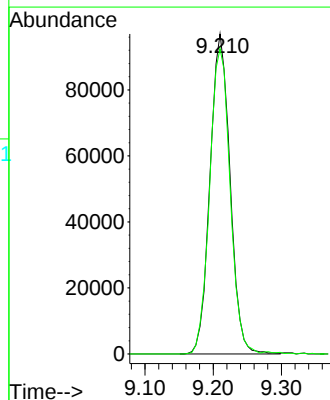
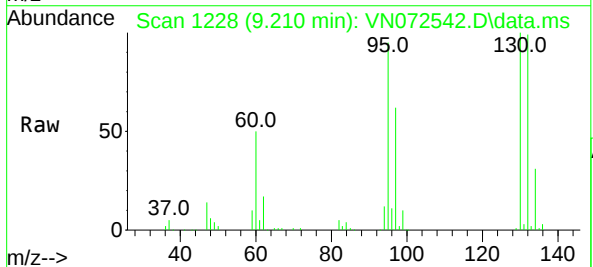
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

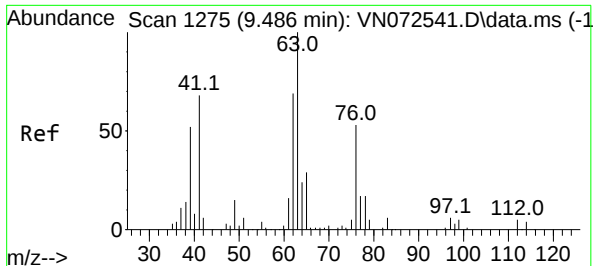
Tgt Ion: 43 Resp: 460996
Ion Ratio Lower Upper
43 100
61 25.6 21.9 32.9
87 13.9 12.0 18.0



#44
Trichloroethene
Concen: 106.220 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion:130 Resp: 198243
Ion Ratio Lower Upper
130 100
95 95.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 96.926 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

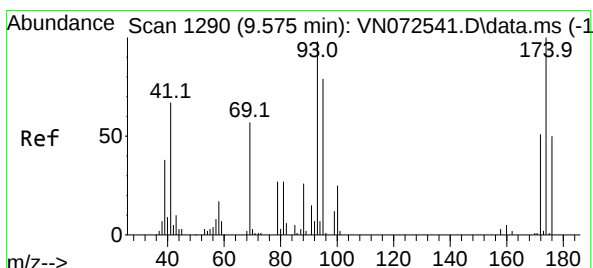
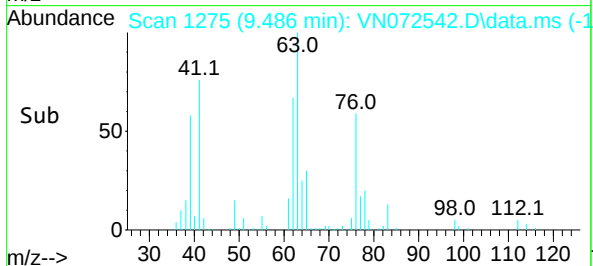
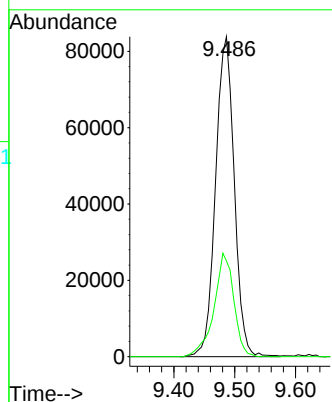
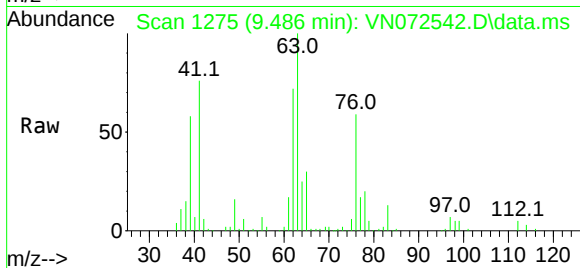
VSTDIC100

Tgt Ion: 63 Resp: 178473

Ion Ratio Lower Upper

63 100

65 29.9 24.9 37.3



#46

Dibromomethane

Concen: 103.843 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

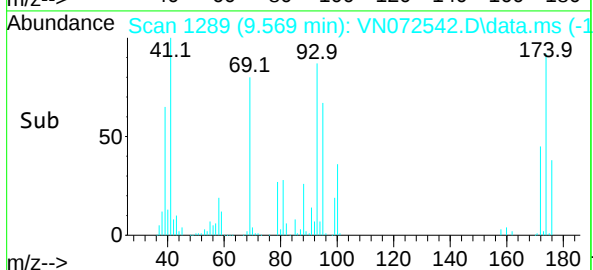
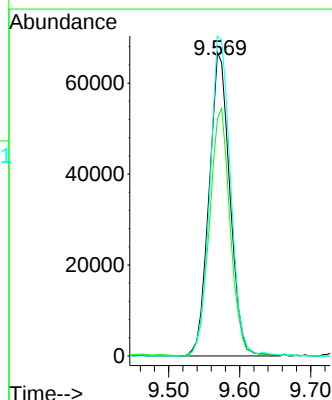
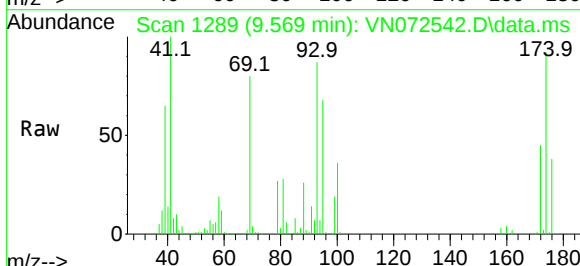
Tgt Ion: 93 Resp: 135541

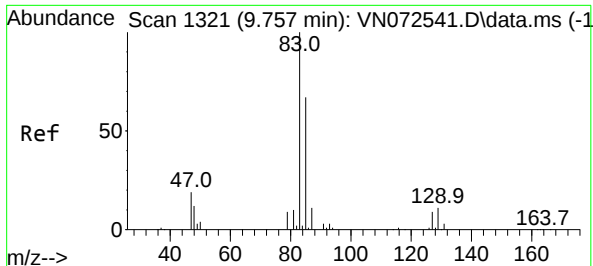
Ion Ratio Lower Upper

93 100

95 81.5 66.9 100.3

174 104.0 86.6 130.0

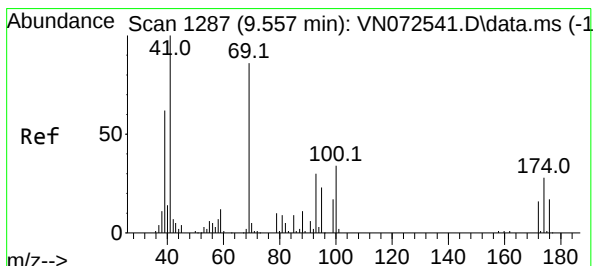
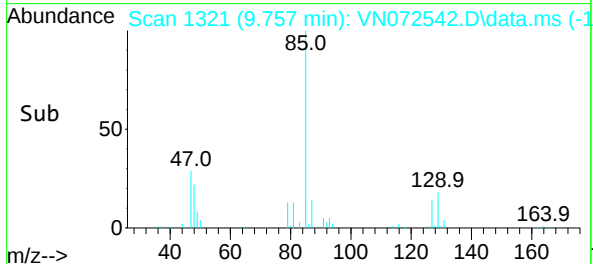
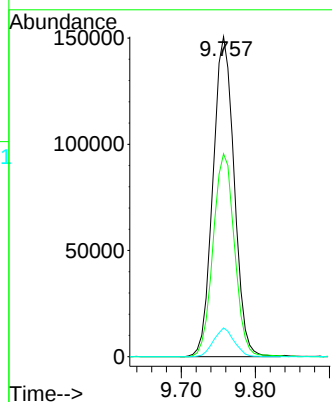
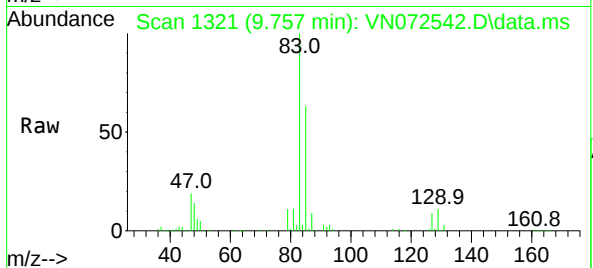




#47
Bromodichloromethane
Concen: 111.854 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

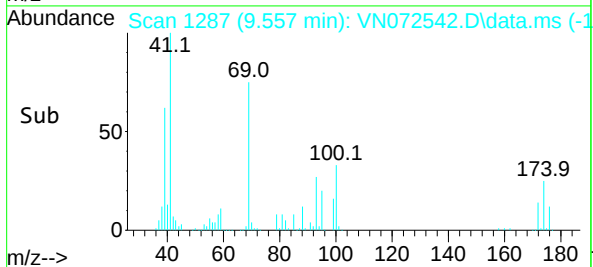
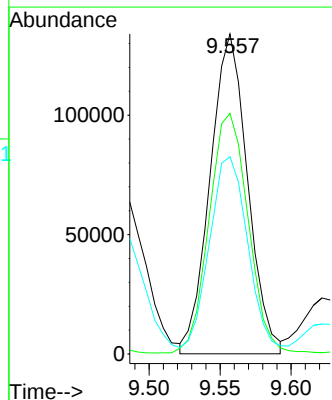
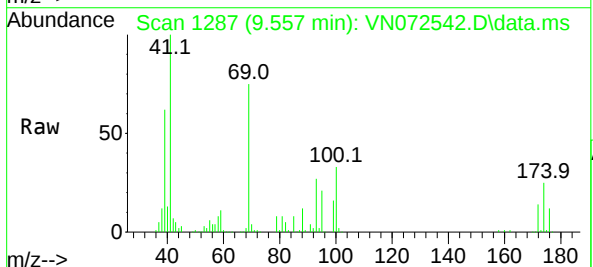
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

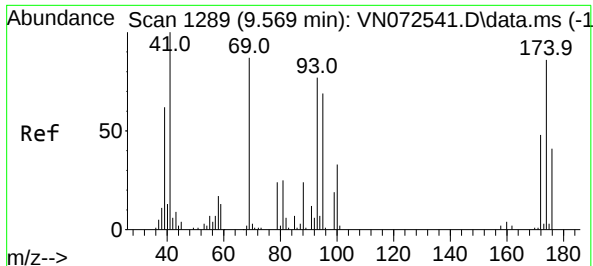
Tgt Ion: 83 Resp: 300065
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 9.0 6.8 10.2



#48
Methyl methacrylate
Concen: 117.903 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 41 Resp: 245920
Ion Ratio Lower Upper
41 100
69 78.6 74.7 112.1
39 63.9 45.6 68.4





#49

1,4-Dioxane

Concen: 1304.671 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

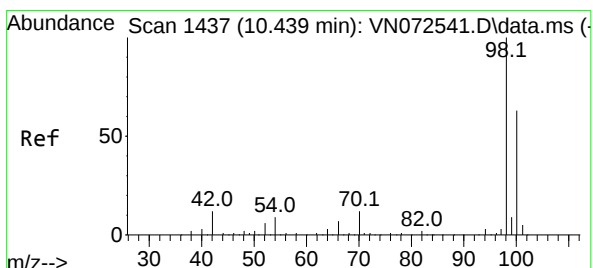
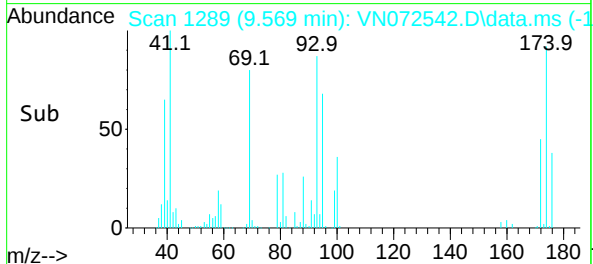
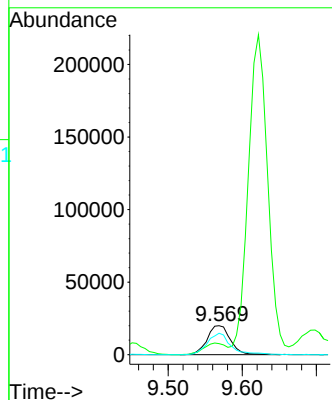
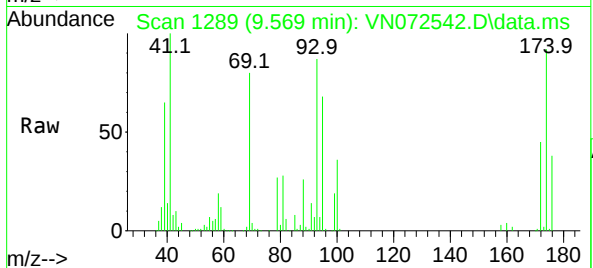
Tgt Ion: 88 Resp: 43372

Ion Ratio Lower Upper

88 100

43 38.7 20.2 30.4#

58 75.2 54.2 81.4



#50

Toluene-d8

Concen: 107.811 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN072542.D

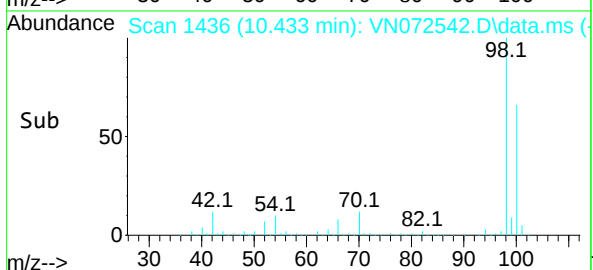
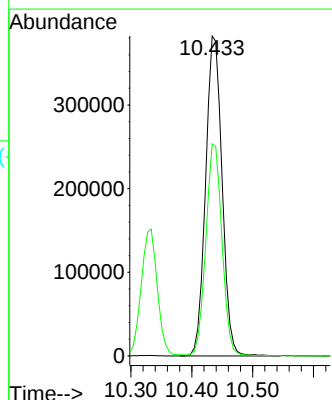
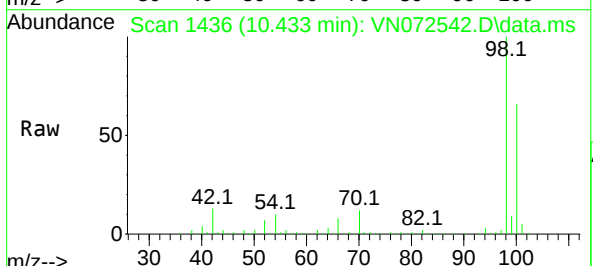
Acq: 18 May 2022 15:06

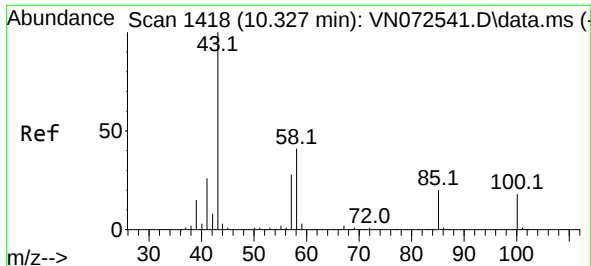
Tgt Ion: 98 Resp: 718246

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

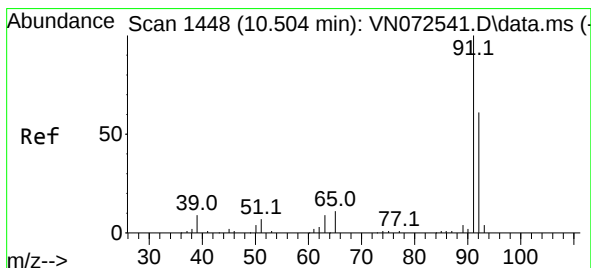
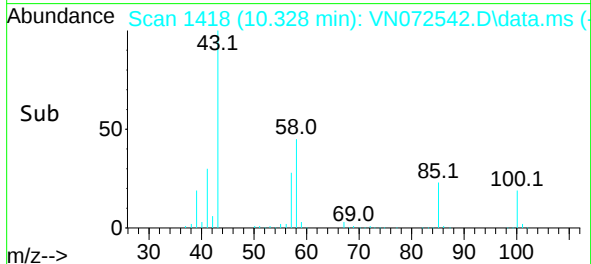
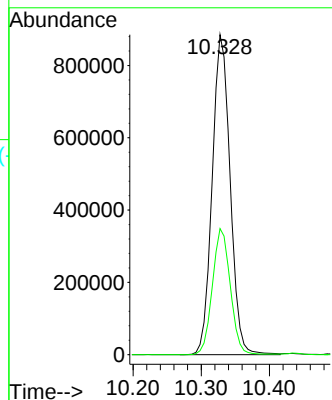
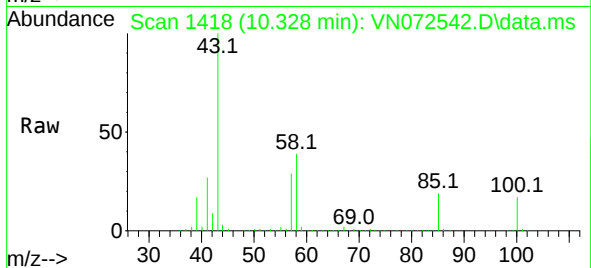




#51
4-Methyl-2-Pentanone
Concen: 574.625 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

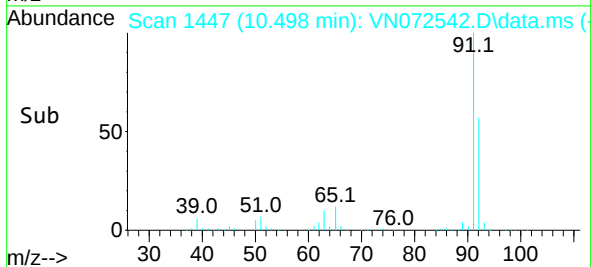
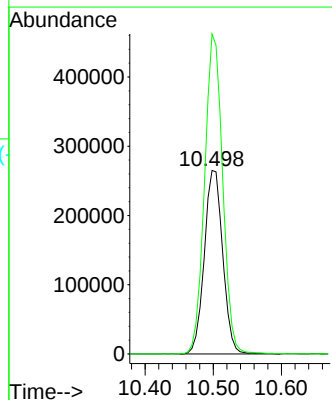
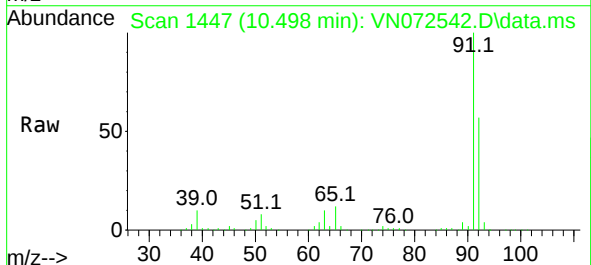
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

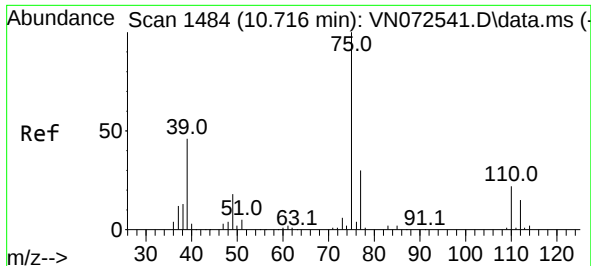
Tgt Ion: 43 Resp: 1625335
Ion Ratio Lower Upper
43 100
58 39.2 34.1 51.1



#52
Toluene
Concen: 108.988 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 92 Resp: 498536
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8

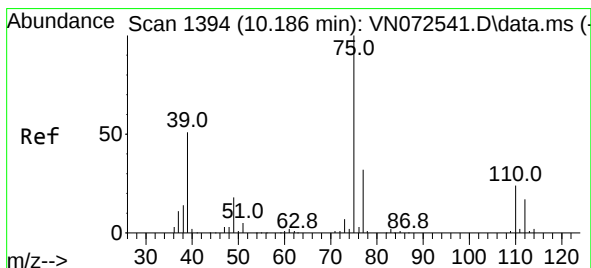
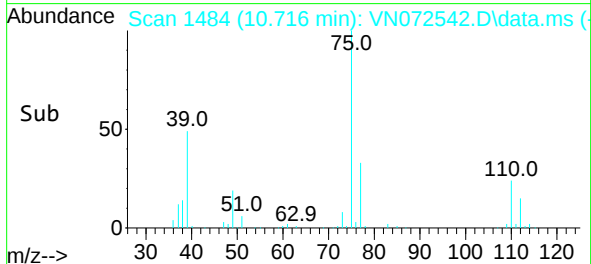
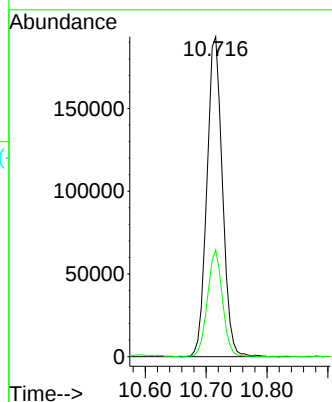
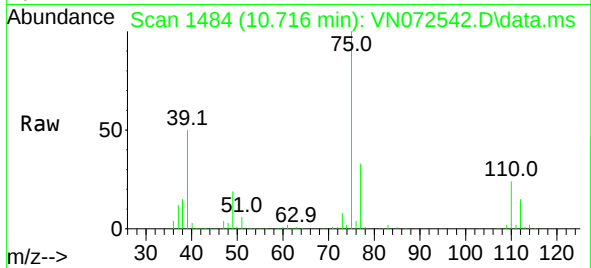




#53
t-1,3-Dichloropropene
Concen: 124.245 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

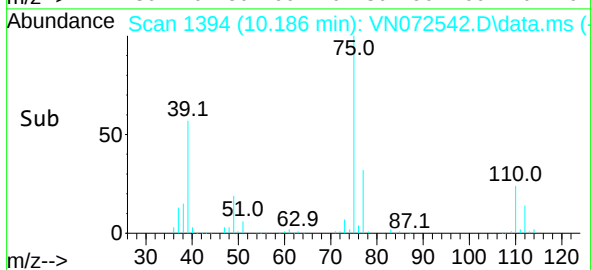
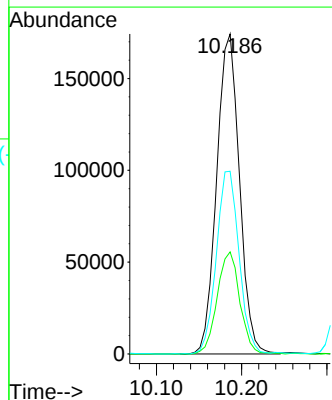
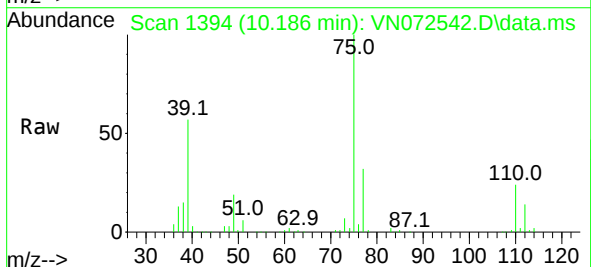
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

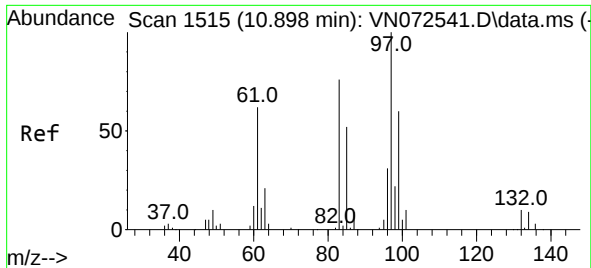
Tgt Ion: 75 Resp: 341910
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 111.411 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 75 Resp: 323365
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 57.1 35.7 53.5#



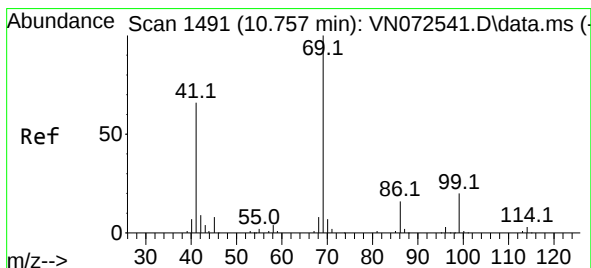
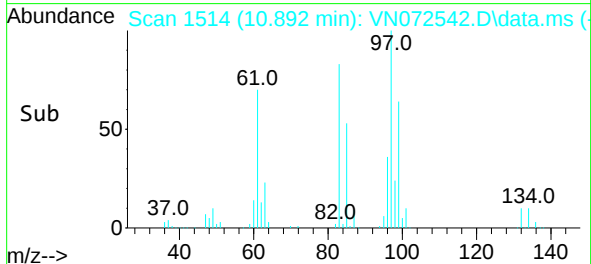
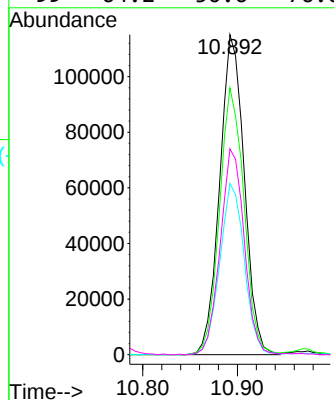
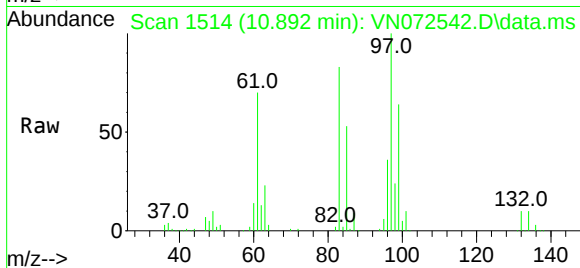


#55
1,1,2-Trichloroethane
Concen: 107.682 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 207521

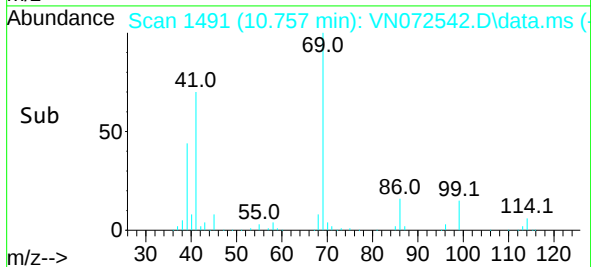
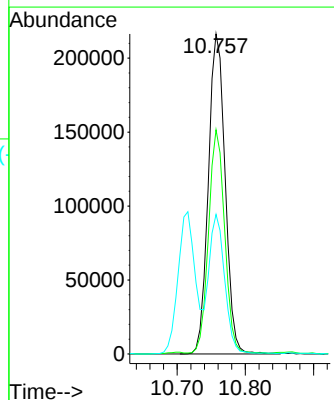
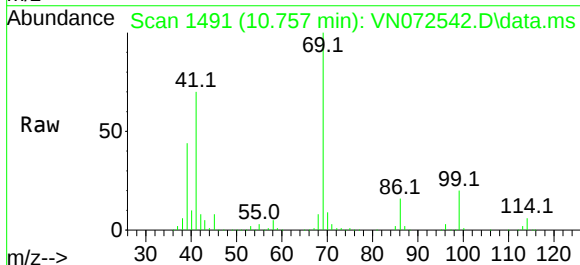
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.2	99.4
85	53.5	43.9	65.9
99	64.2	50.6	76.0

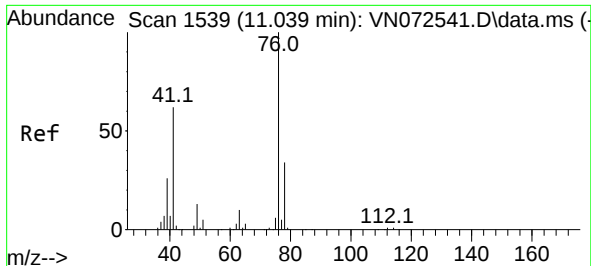


#56
Ethyl methacrylate
Concen: 134.319 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 69 Resp: 371208

Ion	Ratio	Lower	Upper
69	100		
41	66.9	47.8	71.6
39	39.3	27.3	40.9





#57

1,3-Dichloropropane

Concen: 109.664 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

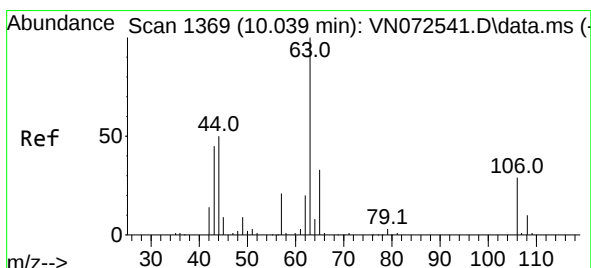
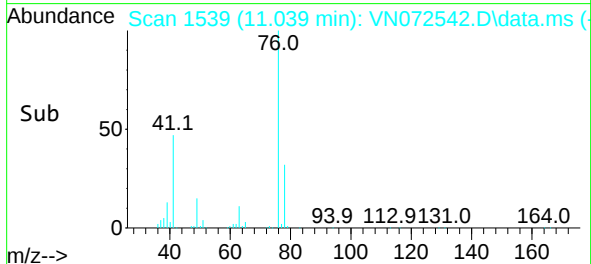
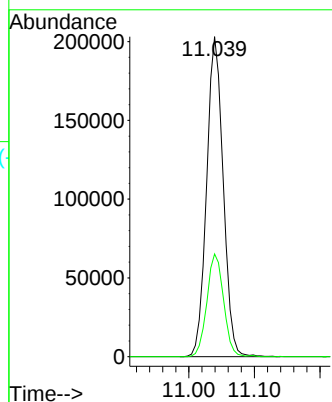
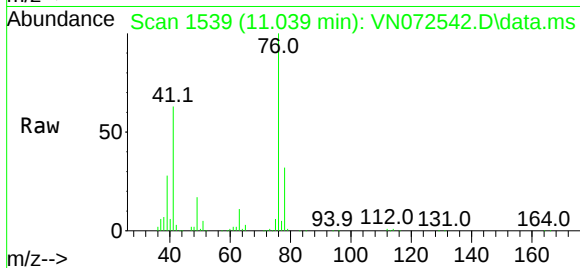
VSTDICC100

Tgt Ion: 76 Resp: 357067

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 768.434 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072542.D

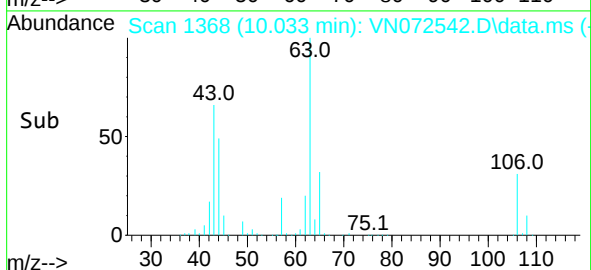
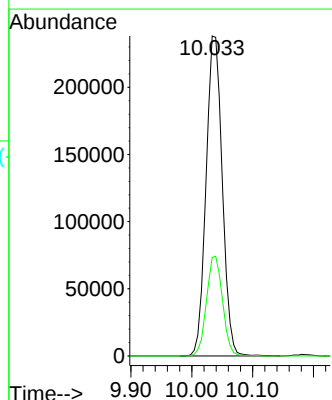
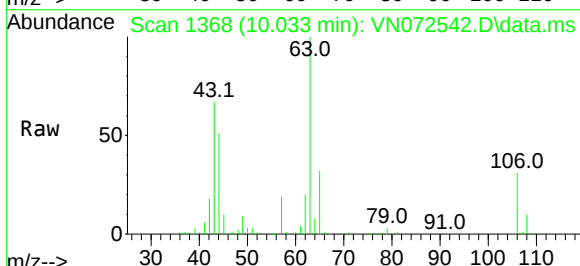
Acq: 18 May 2022 15:06

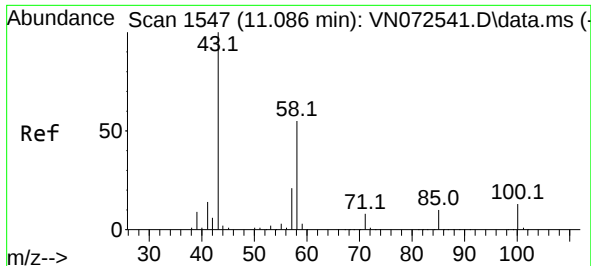
Tgt Ion: 63 Resp: 440718

Ion Ratio Lower Upper

63 100

106 30.8 24.6 36.8

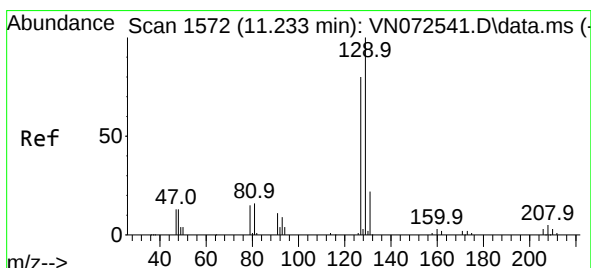
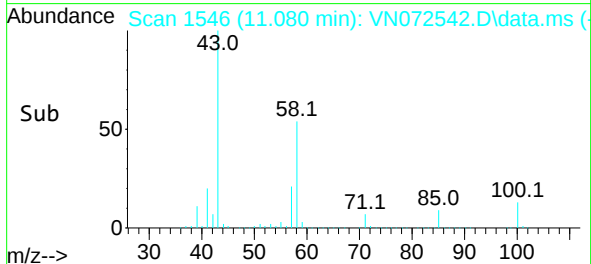
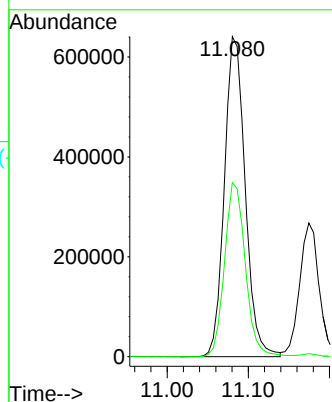
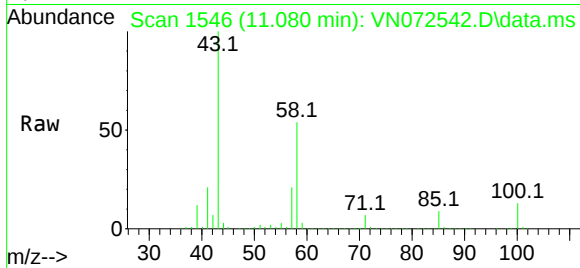




#59
2-Hexanone
Concen: 578.595 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

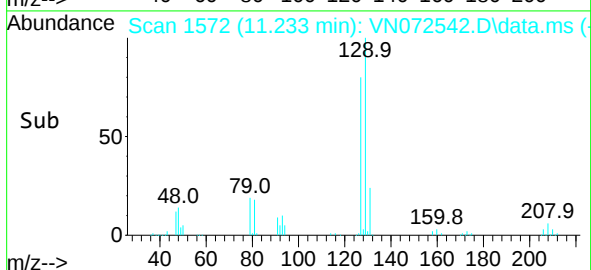
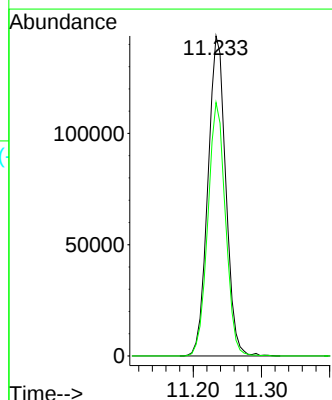
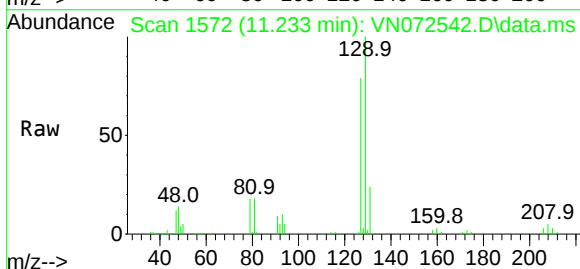
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

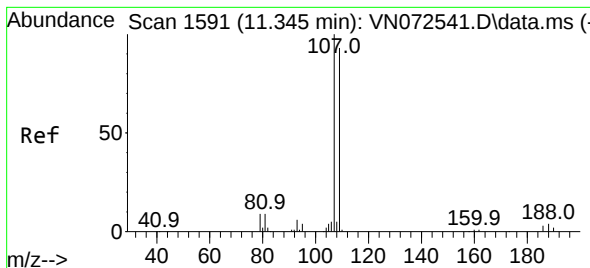
Tgt Ion: 43 Resp: 1142483
Ion Ratio Lower Upper
43 100
58 54.3 29.7 89.1



#60
Dibromochloromethane
Concen: 127.348 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 129 Resp: 261869
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4

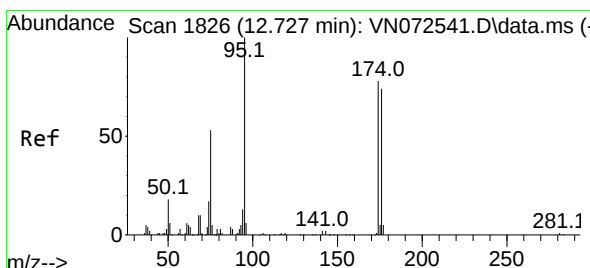
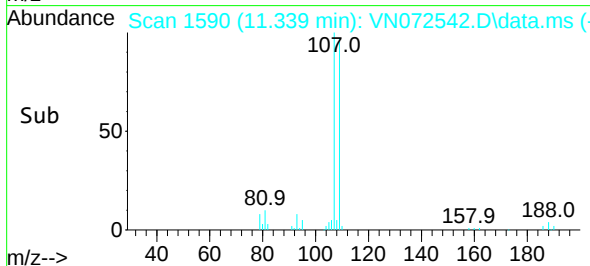
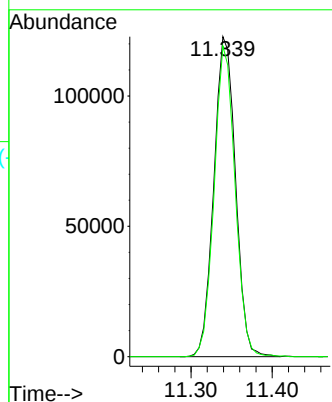
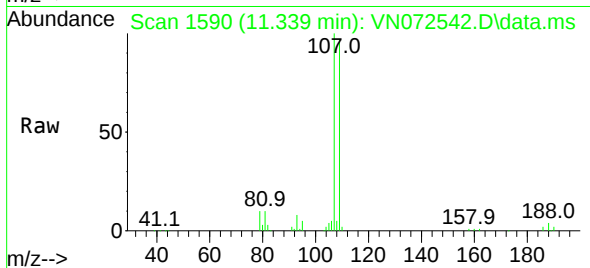




#61
1,2-Dibromoethane
Concen: 118.181 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

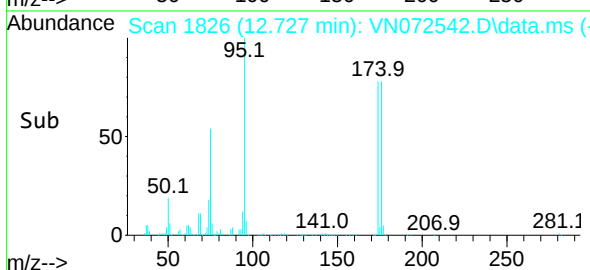
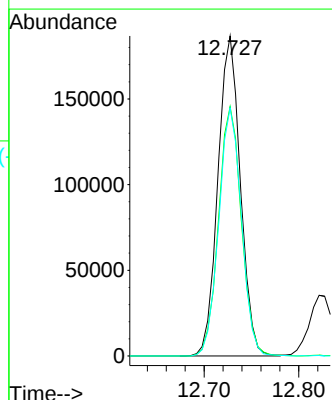
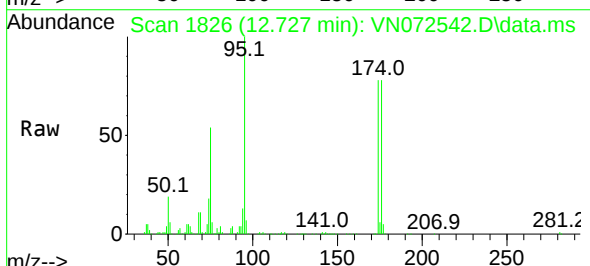
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

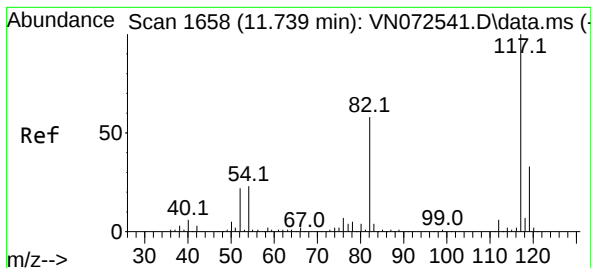
Tgt Ion:107 Resp: 227334
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 135.299 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 95 Resp: 307309
Ion Ratio Lower Upper
95 100
174 79.3 0.0 167.6
176 78.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

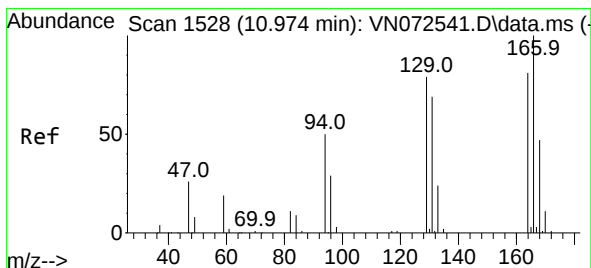
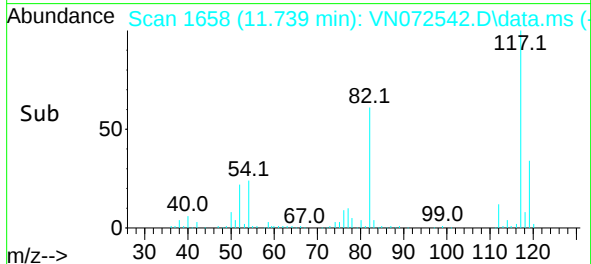
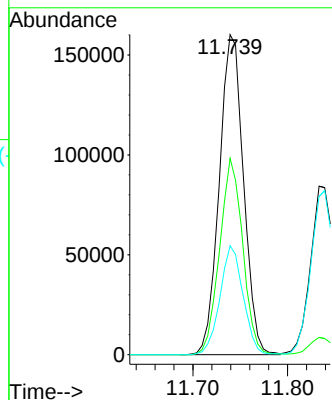
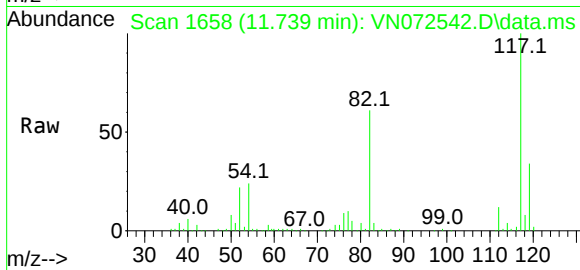
Tgt Ion:117 Resp: 284990

Ion Ratio Lower Upper

117 100

82 61.4 44.2 66.2

119 34.1 25.4 38.0



#64

Tetrachloroethene

Concen: 93.228 ug/l

RT: 10.975 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Tgt Ion:164 Resp: 188632

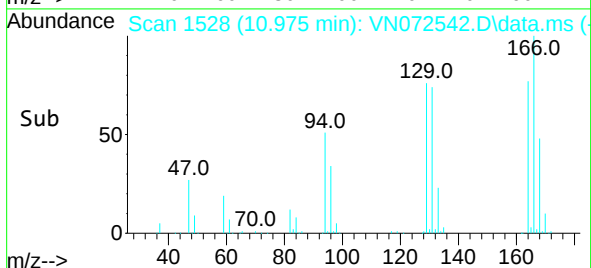
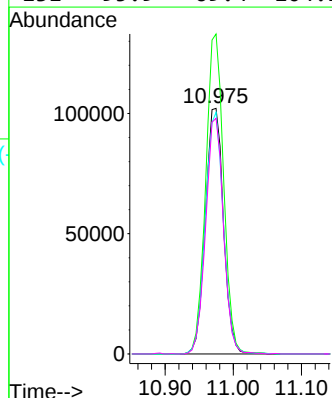
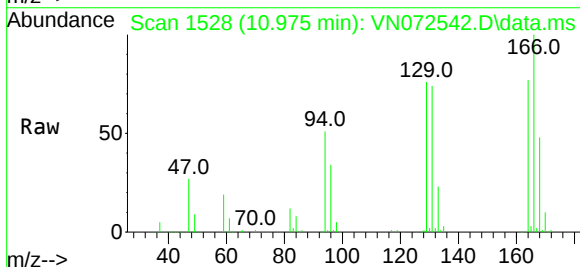
Ion Ratio Lower Upper

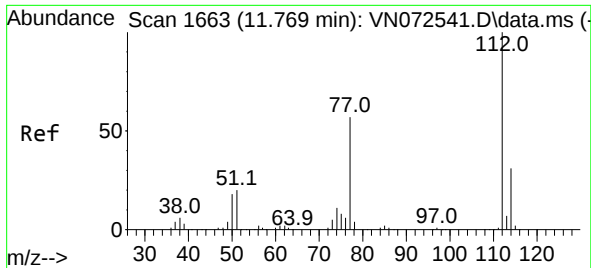
164 100

166 130.3 104.2 156.2

129 98.4 73.9 110.9

131 95.9 69.4 104.2

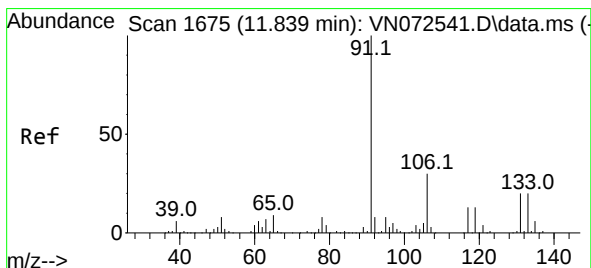
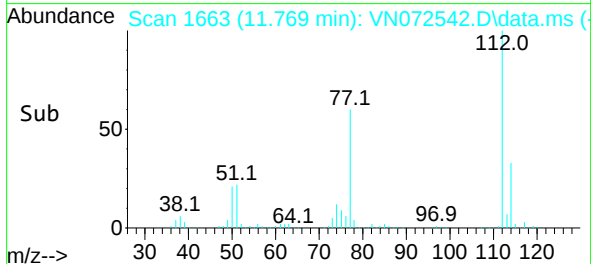
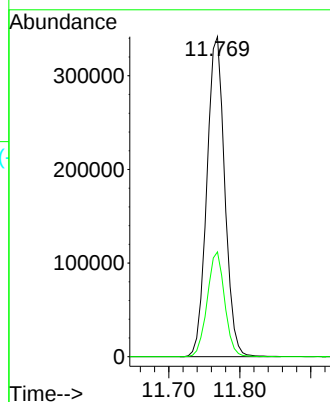
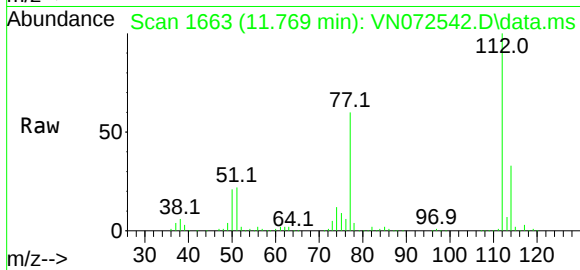




#65
Chlorobenzene
Concen: 103.318 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

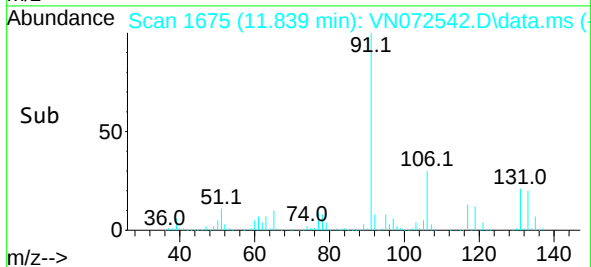
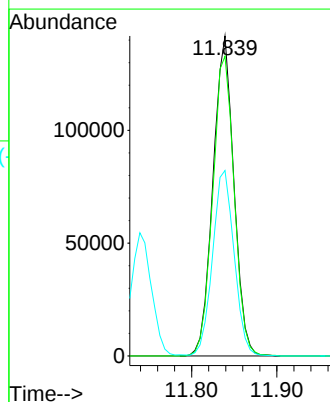
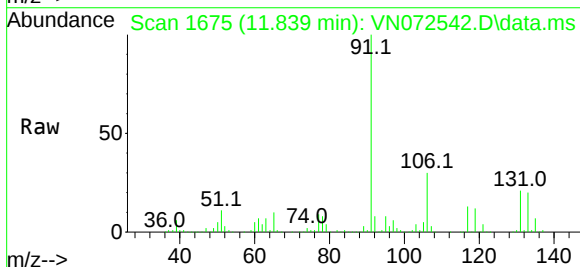
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

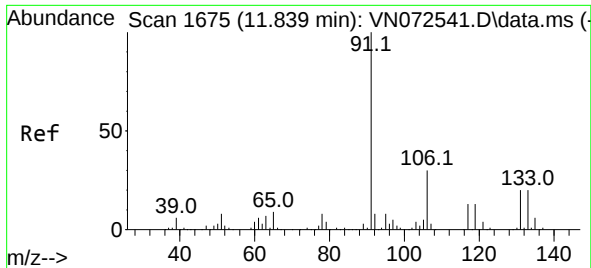
Tgt Ion:112 Resp: 597787
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 103.976 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion:131 Resp: 241079
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.4
119 60.0 33.4 100.2

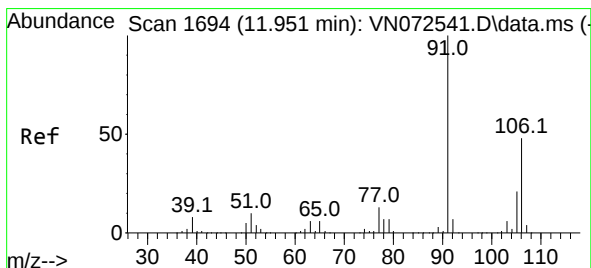
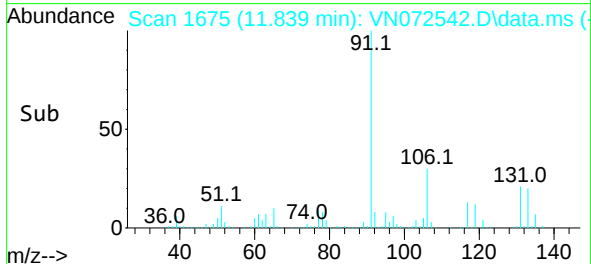
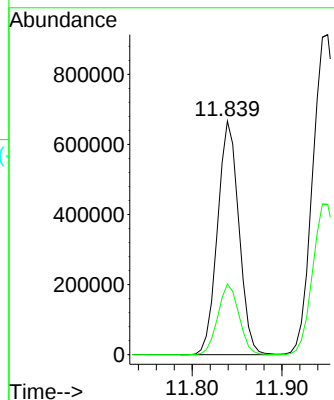
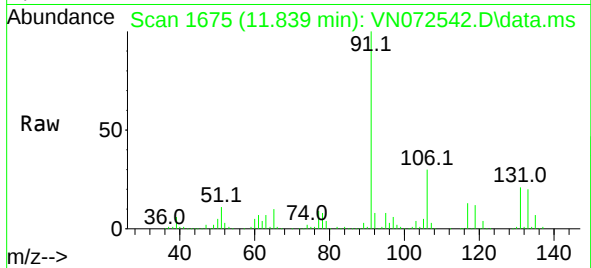




#67
Ethyl Benzene
Concen: 110.637 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

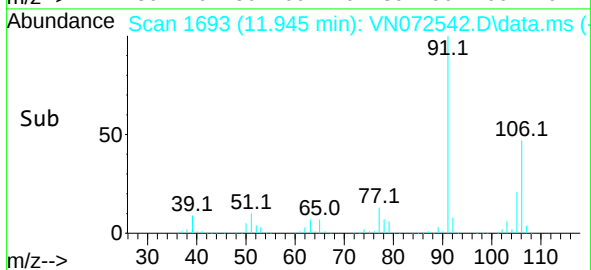
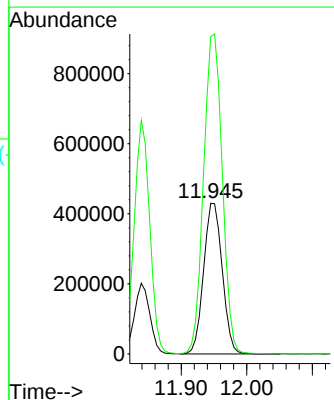
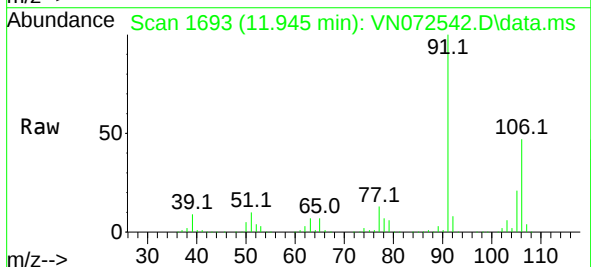
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

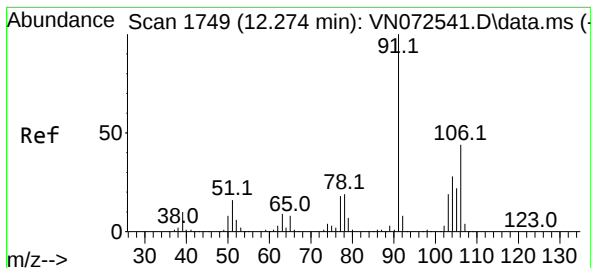
Tgt Ion: 91 Resp: 1101672
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3



#68
m/p-Xylenes
Concen: 224.334 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion:106 Resp: 850061
Ion Ratio Lower Upper
106 100
91 213.5 158.9 238.3

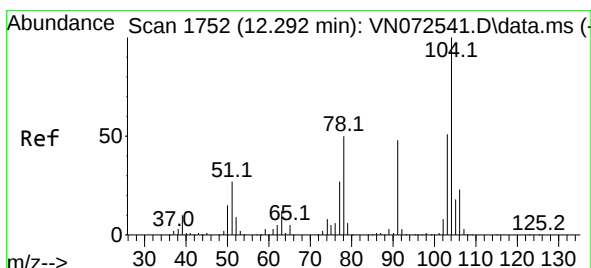
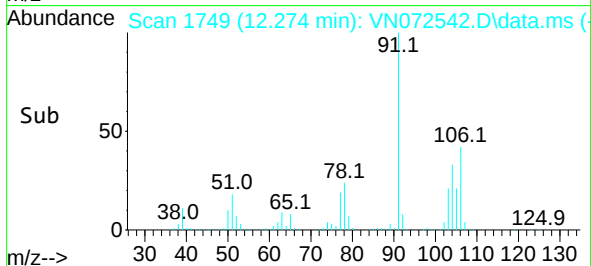
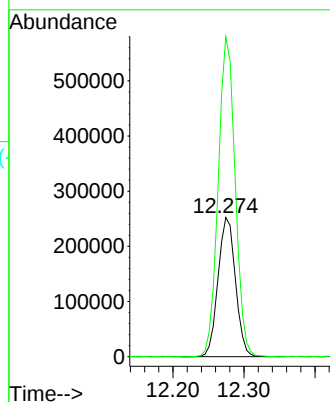
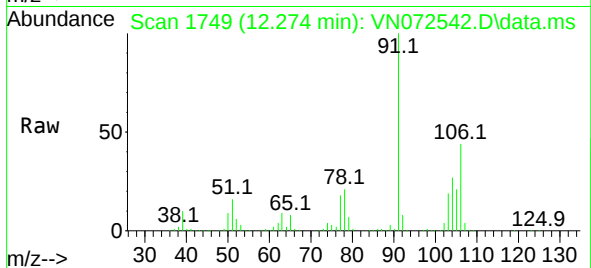




#69
o-Xylene
Concen: 114.864 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

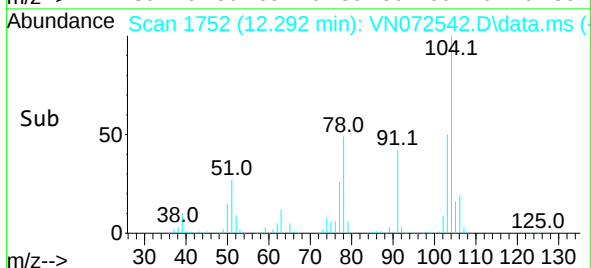
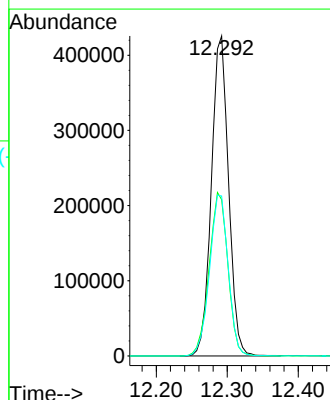
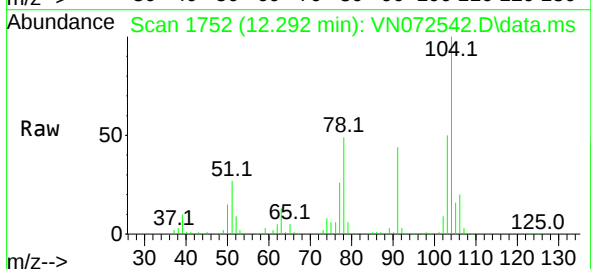
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

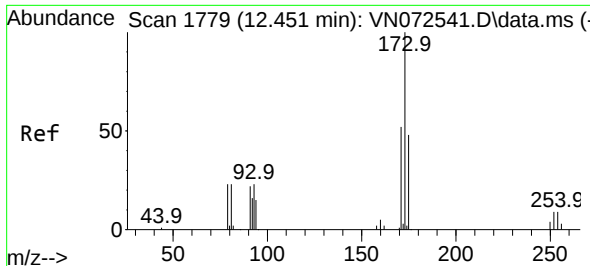
Tgt Ion:106 Resp: 428352
Ion Ratio Lower Upper
106 100
91 224.1 106.0 318.0



#70
Styrene
Concen: 124.540 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion:104 Resp: 714747
Ion Ratio Lower Upper
104 100
78 55.6 39.5 59.3
103 54.7 44.0 66.0

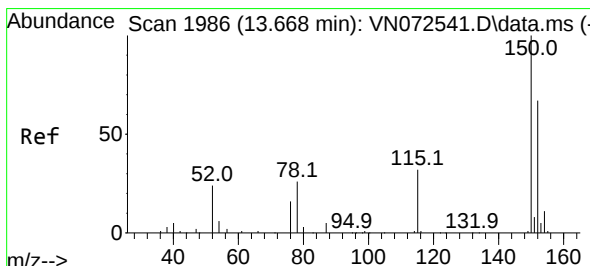
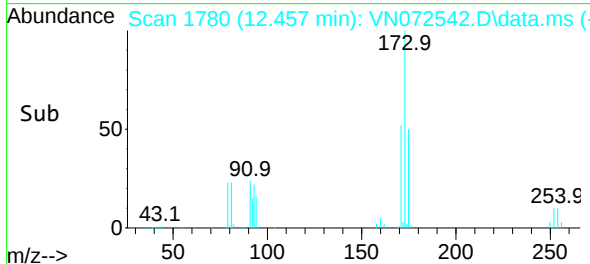
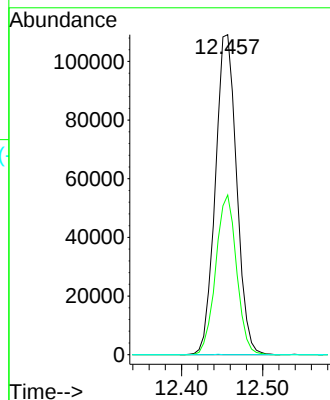
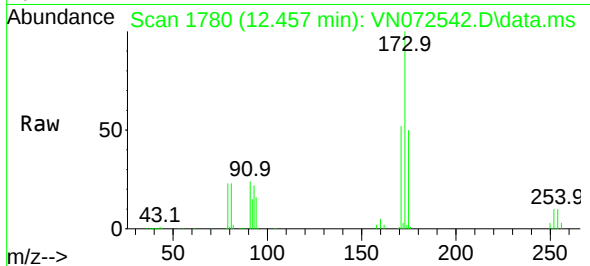




#71
Bromoform
Concen: 116.726 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

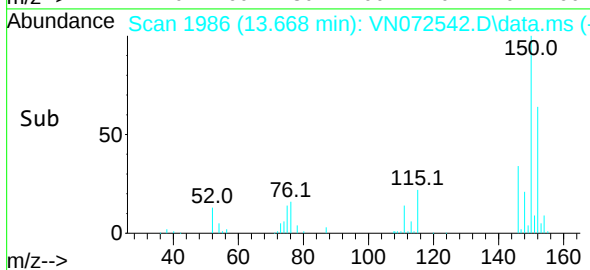
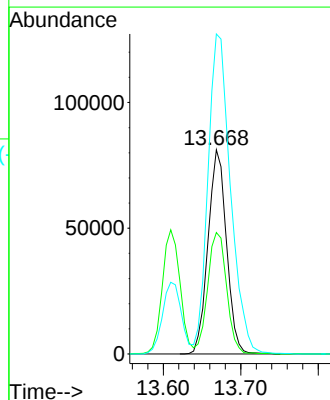
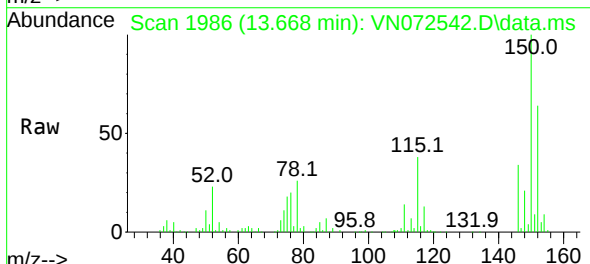
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

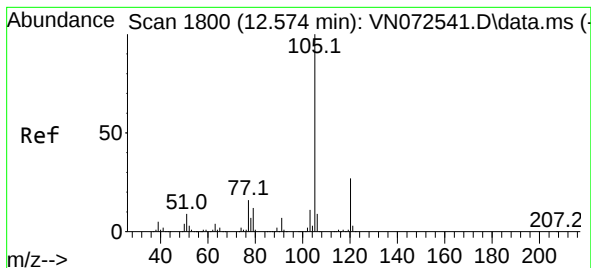
Tgt Ion:173 Resp: 198764
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion:152 Resp: 134650
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 190.8 0.0 356.2





#73

Isopropylbenzene

Concen: 104.555 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

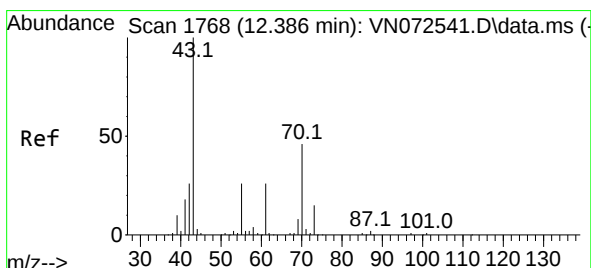
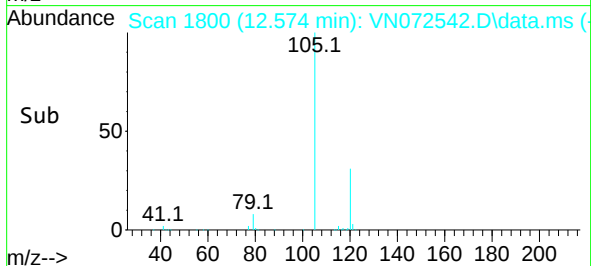
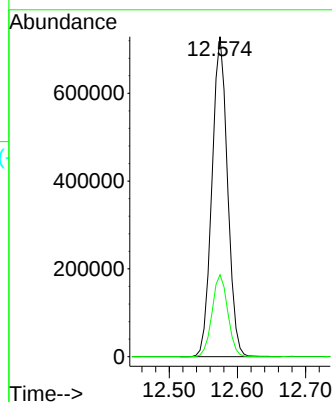
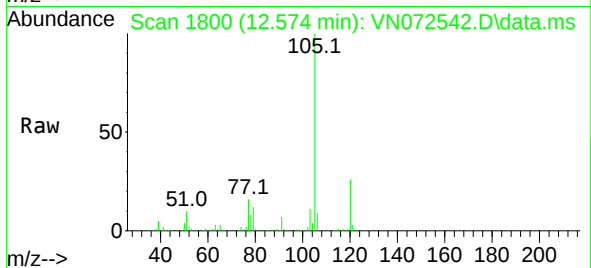
VSTDIC100

Tgt Ion:105 Resp: 1159784

Ion Ratio Lower Upper

105 100

120 25.7 13.5 40.4



#74

N-ethyl acetate

Concen: 96.785 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Tgt Ion: 43 Resp: 373198

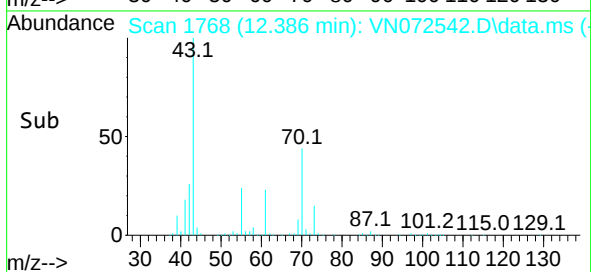
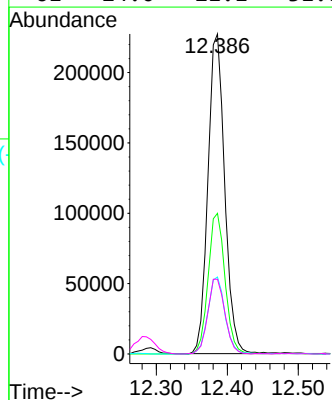
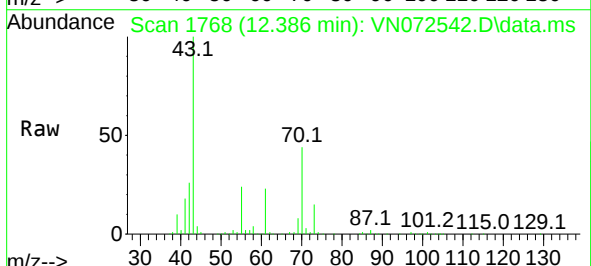
Ion Ratio Lower Upper

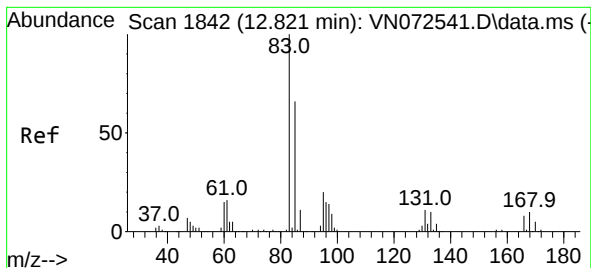
43 100

70 44.6 39.0 58.4

55 24.6 21.1 31.7

61 24.0 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 77.497 ug/l

RT: 12.821 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

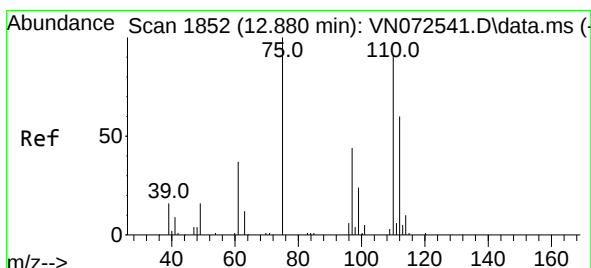
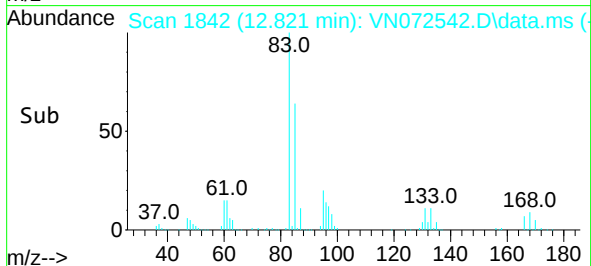
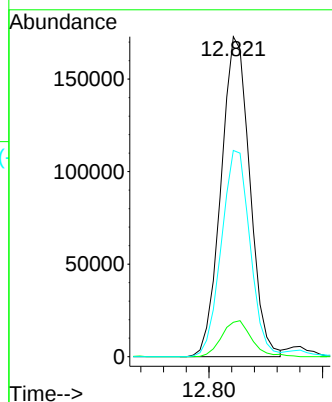
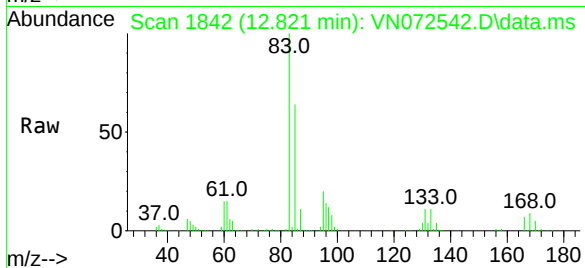
Tgt Ion: 83 Resp: 304273

Ion Ratio Lower Upper

83 100

131 11.7 5.3 15.9

85 64.3 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 120.502 ug/l

RT: 12.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN072542.D

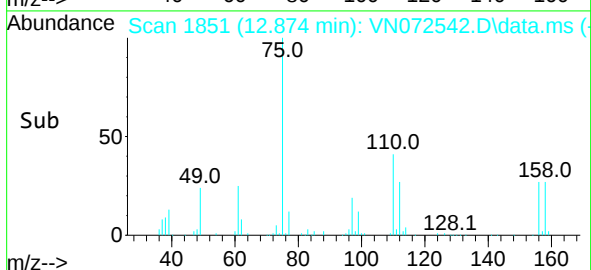
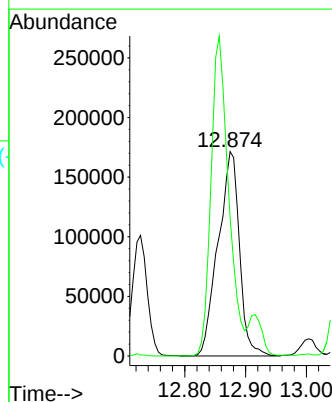
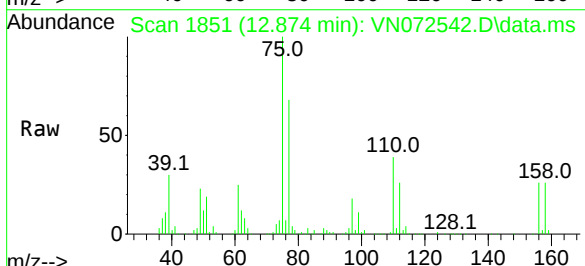
Acq: 18 May 2022 15:06

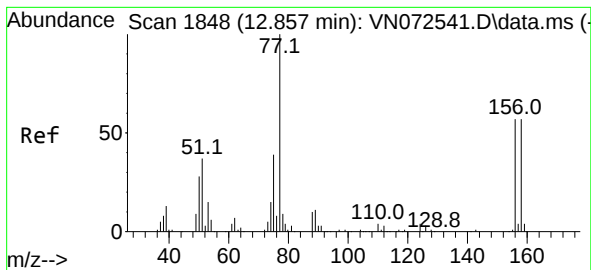
Tgt Ion: 75 Resp: 418050

Ion Ratio Lower Upper

75 100

77 128.9 98.5 295.5





#77

Bromobenzene

Concen: 100.977 ug/l

RT: 12.857 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

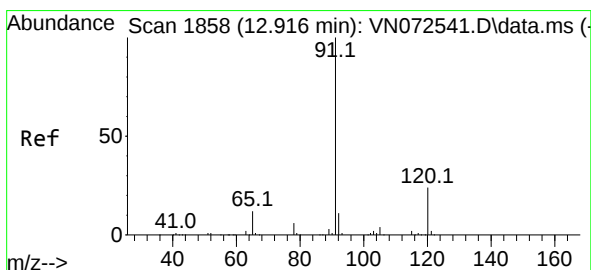
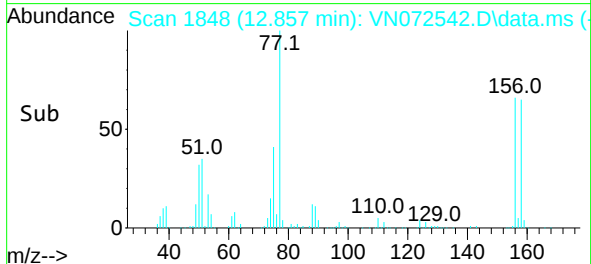
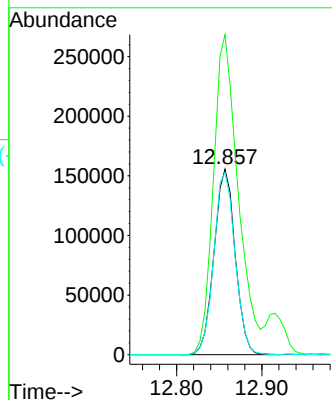
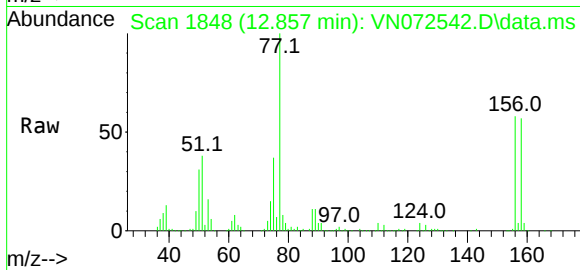
Tgt Ion:156 Resp: 268031

Ion Ratio Lower Upper

156 100

77 201.0 100.5 301.5

158 99.1 48.9 146.6



#78

n-propylbenzene

Concen: 111.010 ug/l

RT: 12.916 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN072542.D

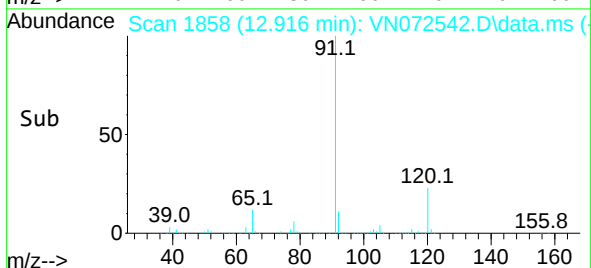
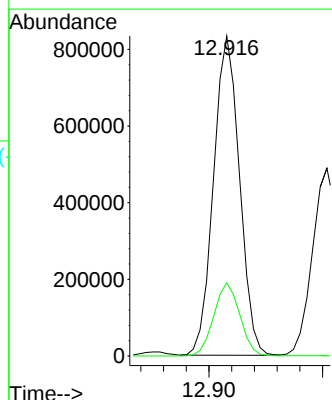
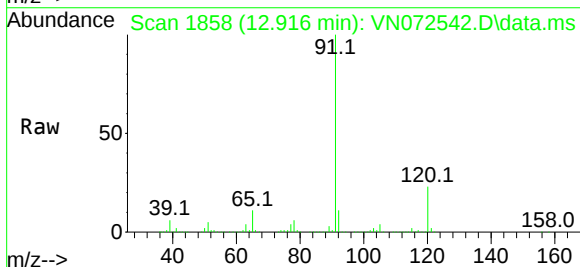
Acq: 18 May 2022 15:06

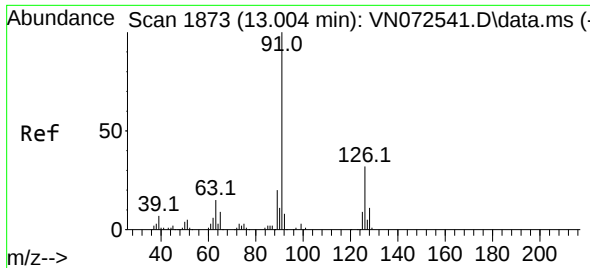
Tgt Ion: 91 Resp: 1321009

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.5

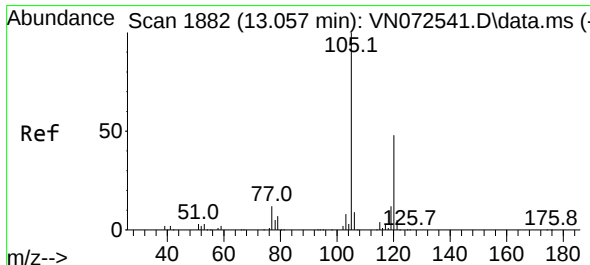
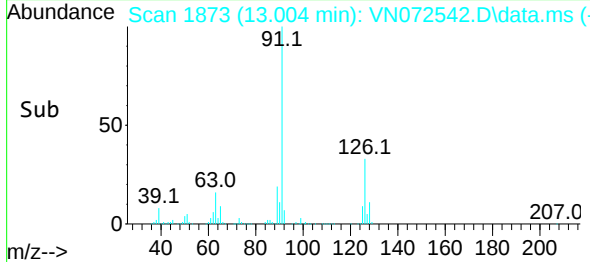
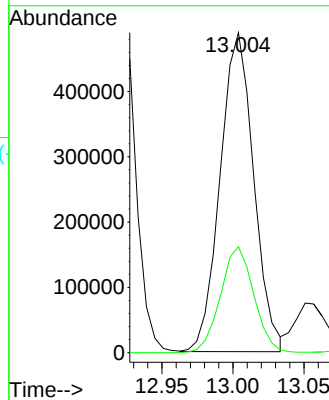
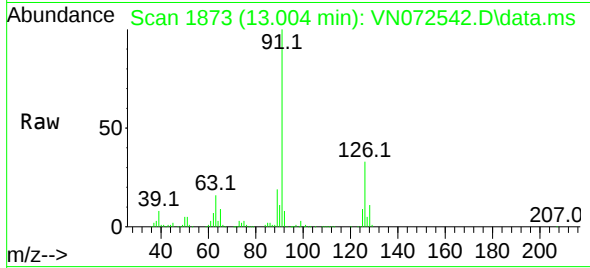




#79
2-Chlorotoluene
Concen: 101.971 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

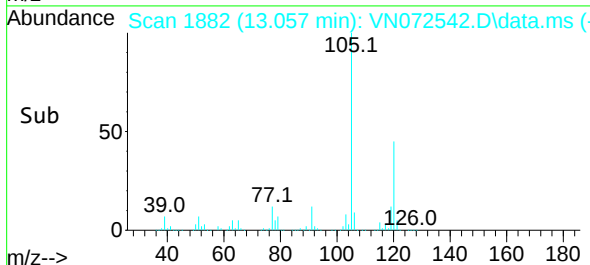
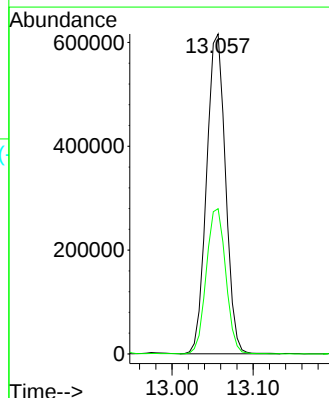
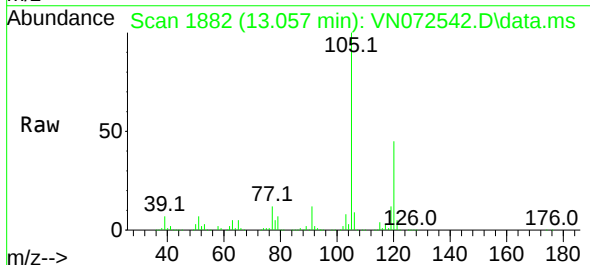
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

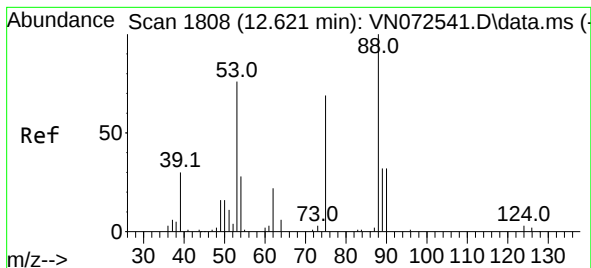
Tgt Ion: 91 Resp: 803438
Ion Ratio Lower Upper
91 100
126 33.0 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 108.622 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 105 Resp: 996660
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.7

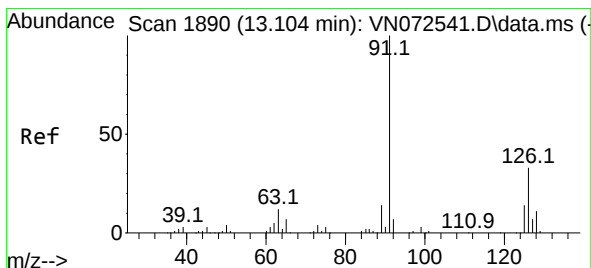
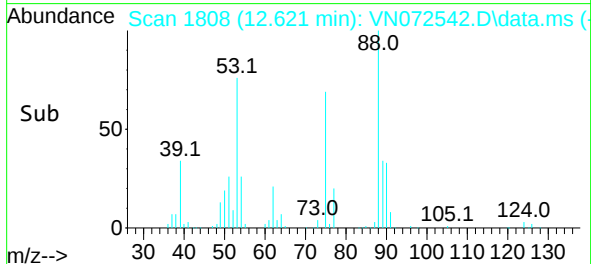
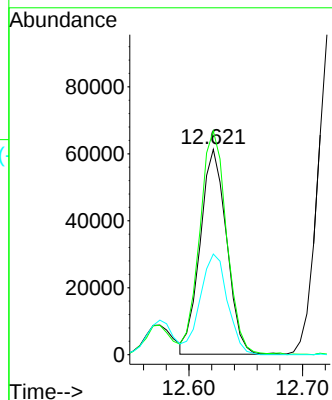
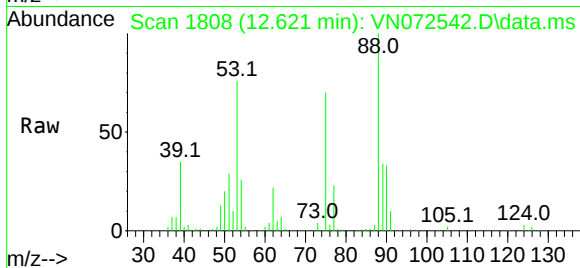




#81
trans-1,4-Dichloro-2-butene
Concen: 96.306 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

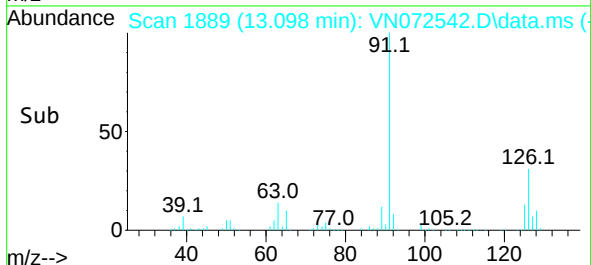
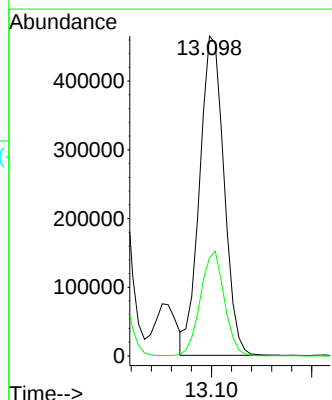
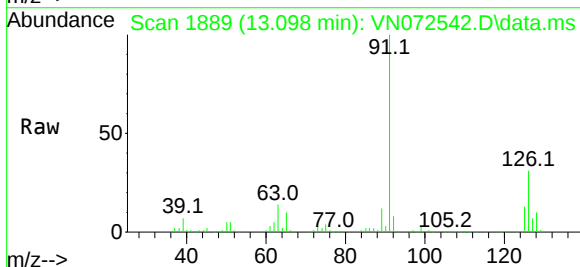
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

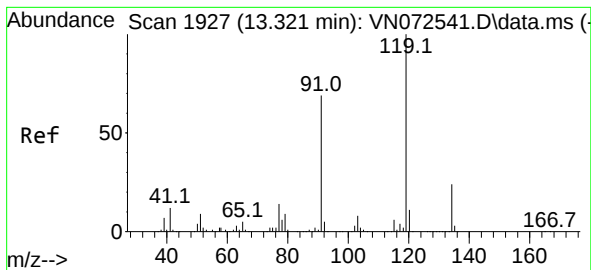
Tgt Ion: 75 Resp: 99046
Ion Ratio Lower Upper
75 100
53 110.9 78.0 117.0
89 51.0 37.2 55.8



#82
4-Chlorotoluene
Concen: 105.990 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 91 Resp: 787402
Ion Ratio Lower Upper
91 100
126 32.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 109.997 ug/l

RT: 13.316 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

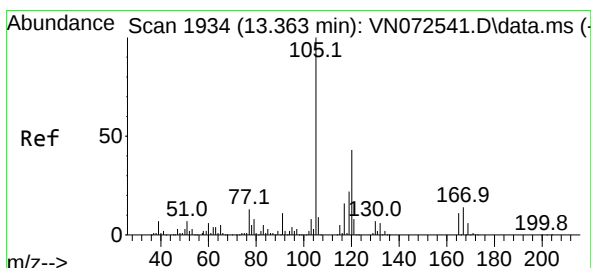
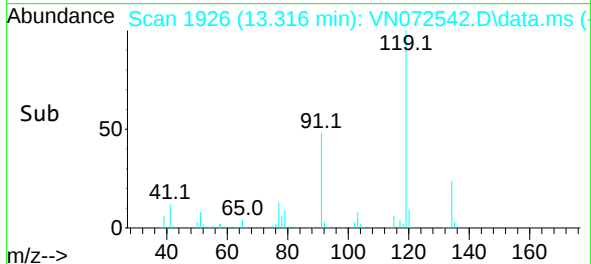
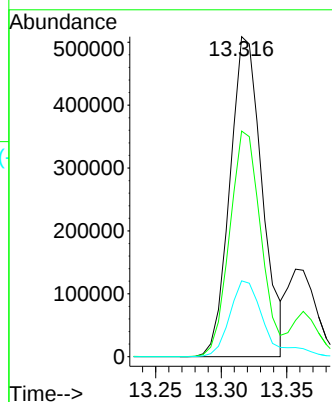
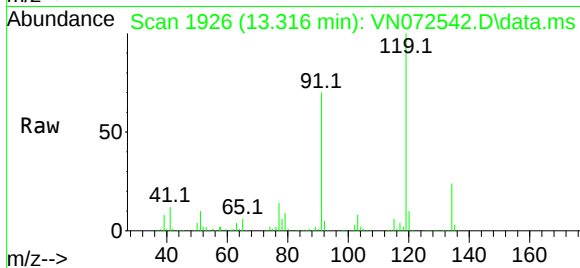
Tgt Ion:119 Resp: 869864

Ion Ratio Lower Upper

119 100

91 68.3 31.6 94.8

134 25.5 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 109.660 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. 0.000 min

Lab File: VN072542.D

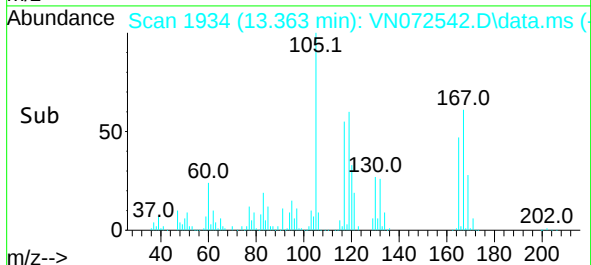
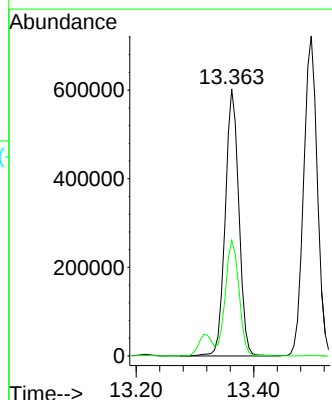
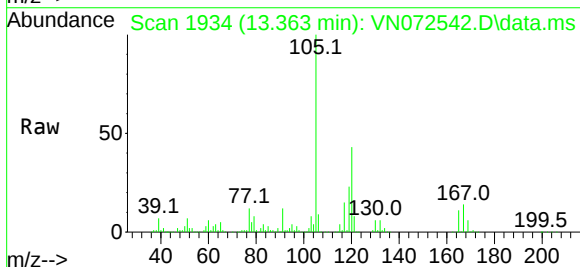
Acq: 18 May 2022 15:06

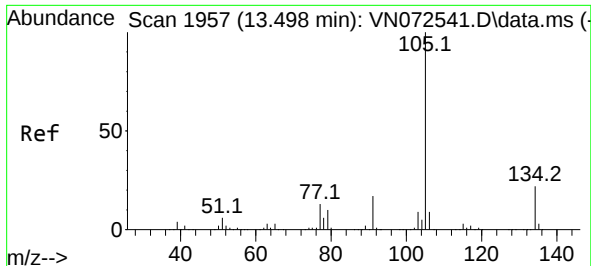
Tgt Ion:105 Resp: 966497

Ion Ratio Lower Upper

105 100

120 43.5 23.3 69.8

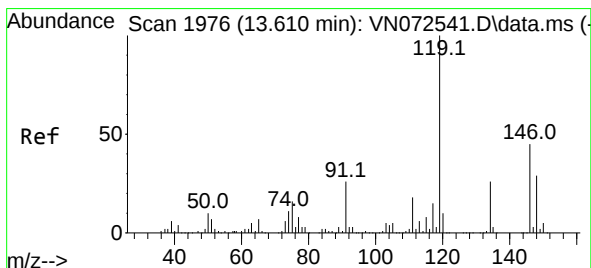
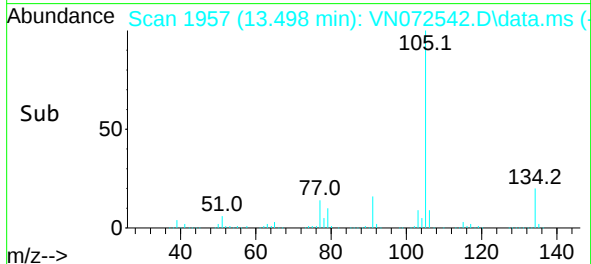
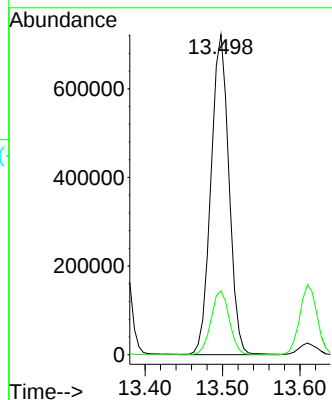
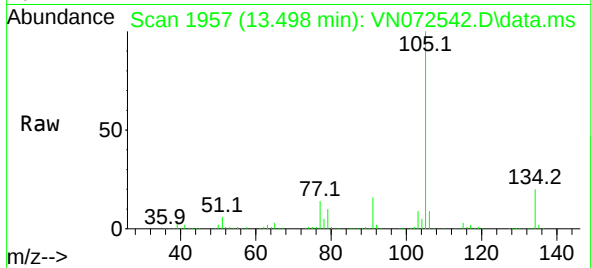




#85
 sec-Butylbenzene
 Concen: 110.787 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072542.D
 Acq: 18 May 2022 15:06

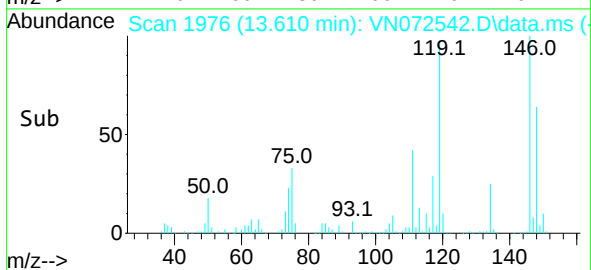
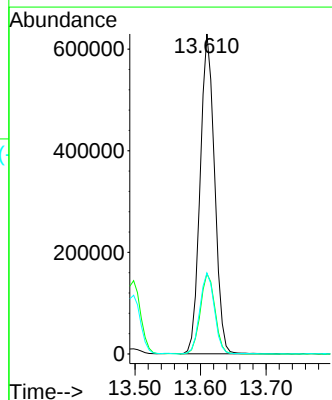
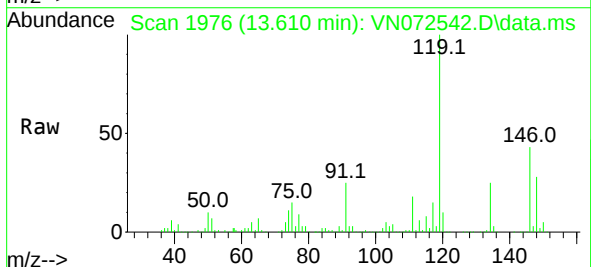
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

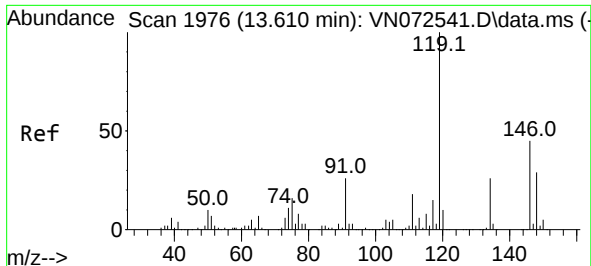
Tgt Ion:105 Resp: 1164347
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 117.385 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072542.D
 Acq: 18 May 2022 15:06

Tgt Ion:119 Resp: 966532
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 25.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 100.757 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

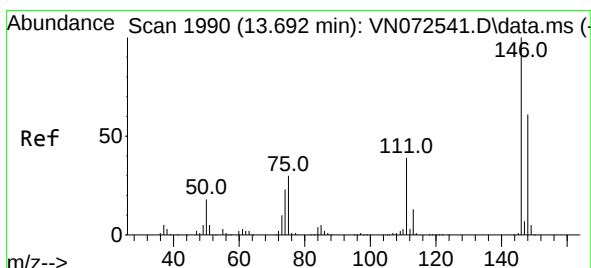
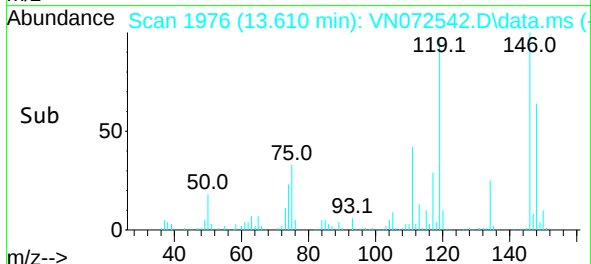
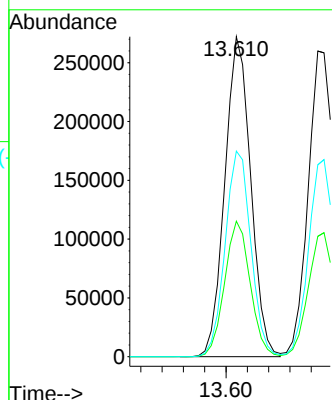
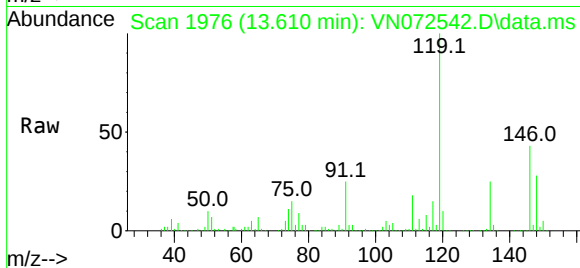
Tgt Ion:146 Resp: 459179

Ion Ratio Lower Upper

146 100

111 41.8 20.0 60.0

148 64.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 99.925 ug/l

RT: 13.686 min Scan# 1989

Delta R.T. -0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

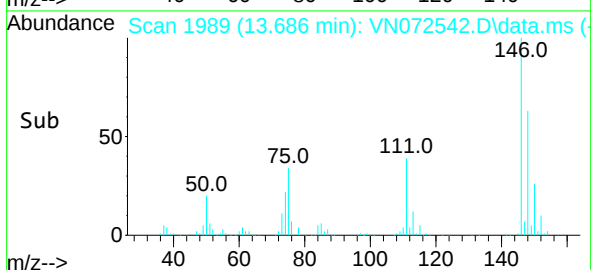
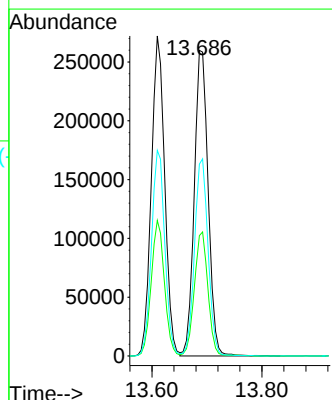
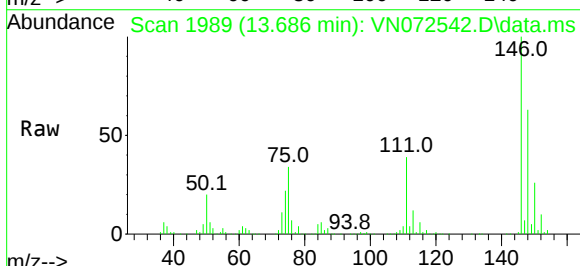
Tgt Ion:146 Resp: 454875

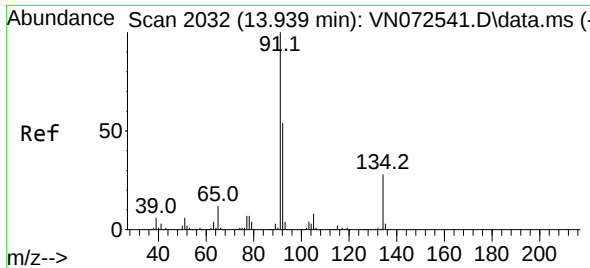
Ion Ratio Lower Upper

146 100

111 39.9 19.1 57.1

148 63.0 31.4 94.3

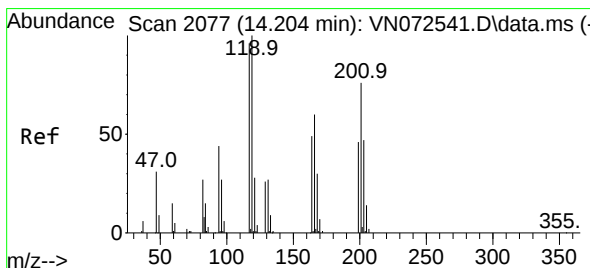
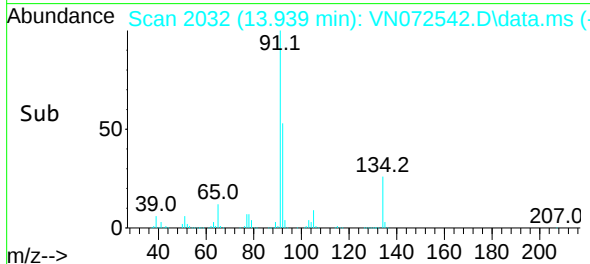
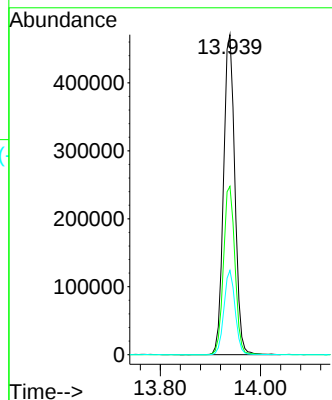
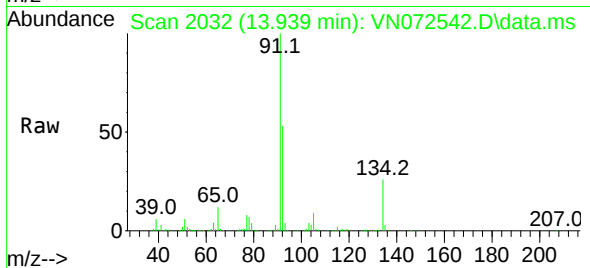




#89
n-Butylbenzene
Concen: 116.828 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

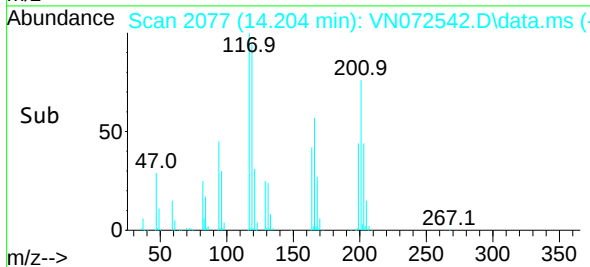
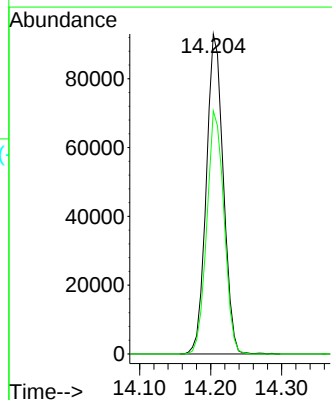
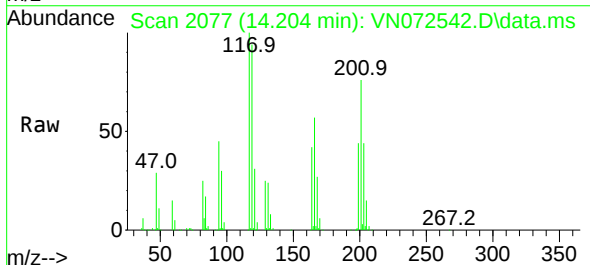
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

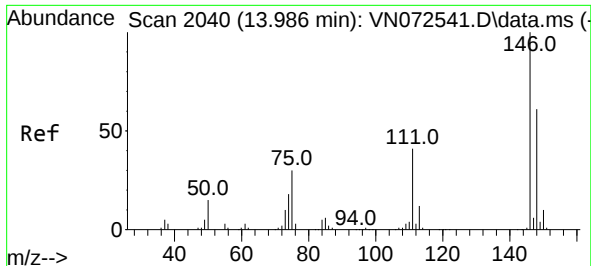
Tgt Ion: 91 Resp: 739792
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 26.1 13.6 40.8



#90
Hexachloroethane
Concen: 94.206 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 117 Resp: 154863
Ion Ratio Lower Upper
117 100
201 76.6 40.6 122.0

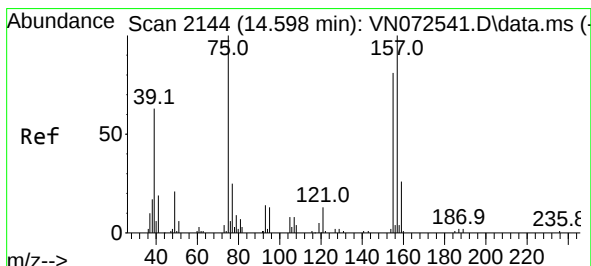
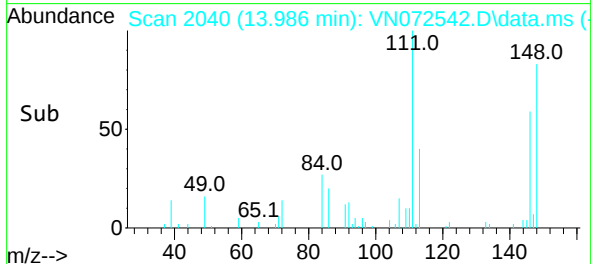
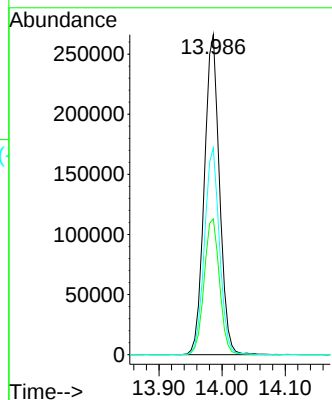
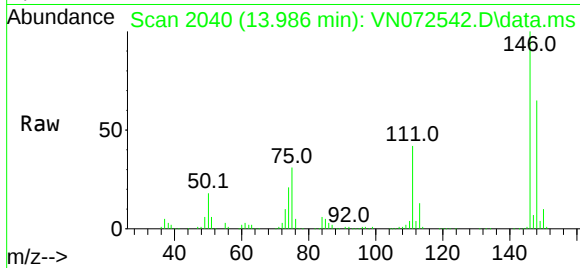




#91
1,2-Dichlorobenzene
Concen: 97.302 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

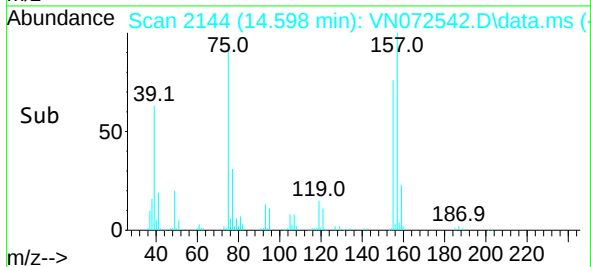
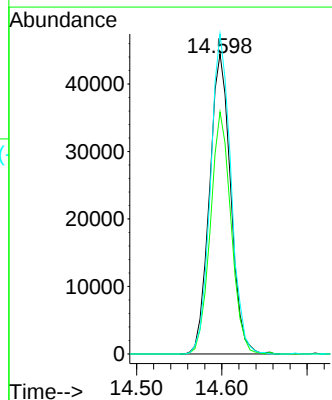
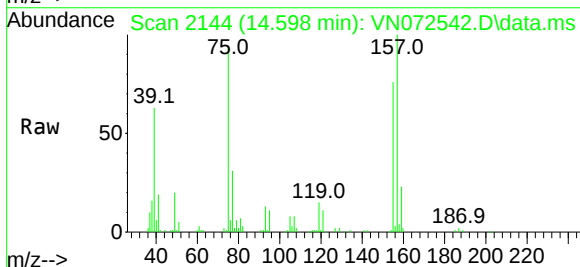
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

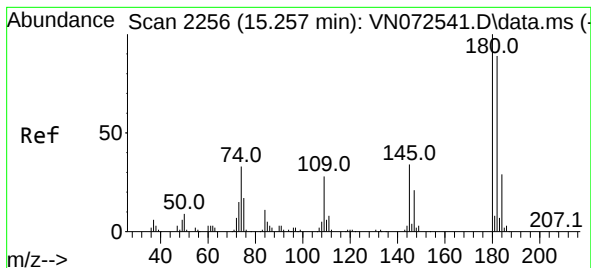
Tgt Ion:146 Resp: 445119
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.8
148 63.9 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 108.435 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072542.D
Acq: 18 May 2022 15:06

Tgt Ion: 75 Resp: 76563
Ion Ratio Lower Upper
75 100
155 78.4 44.9 134.5
157 103.0 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 130.641 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

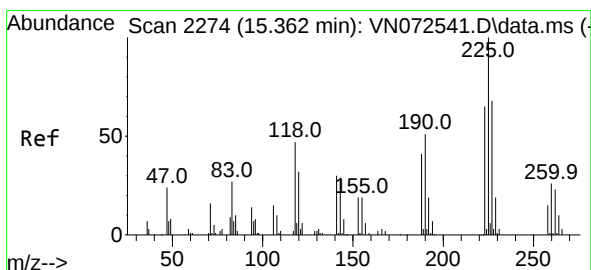
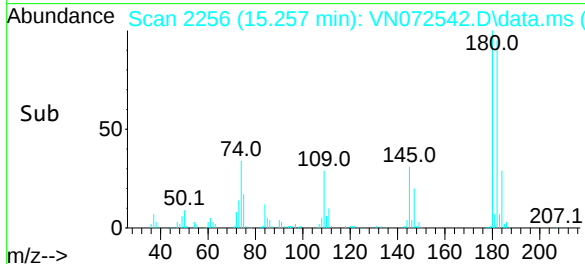
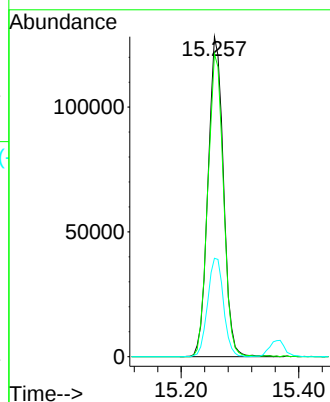
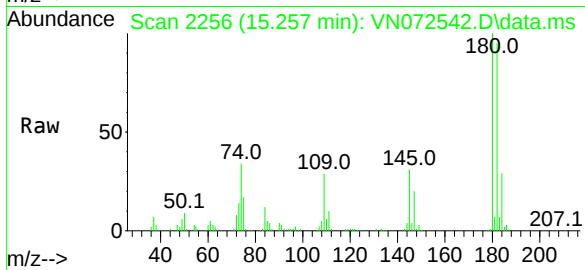
Tgt Ion:180 Resp: 233516

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.5

145 31.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 97.206 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

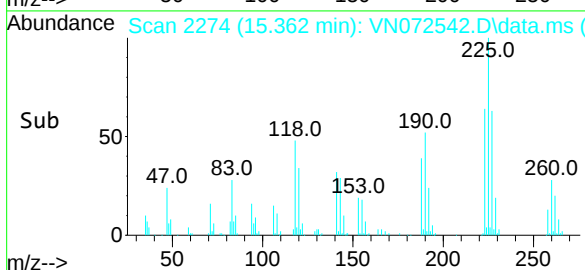
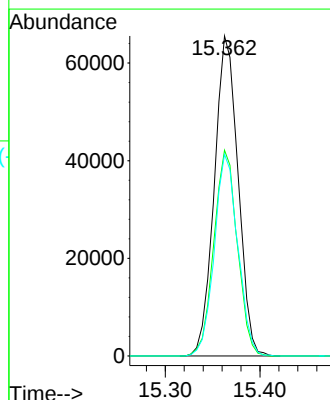
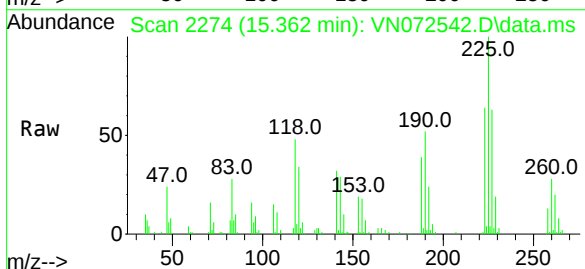
Tgt Ion:225 Resp: 114291

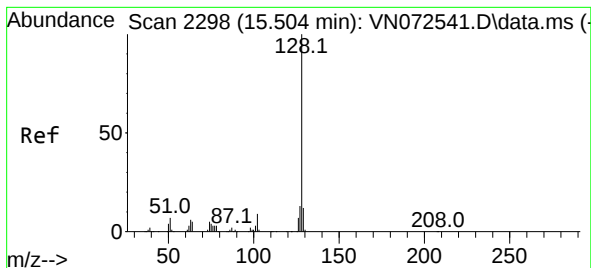
Ion Ratio Lower Upper

225 100

223 63.5 32.4 97.2

227 62.2 31.8 95.4





#95

Naphthalene

Concen: 141.676 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

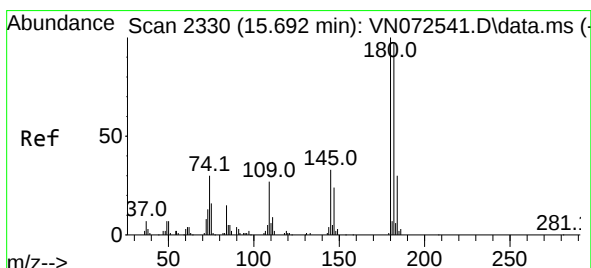
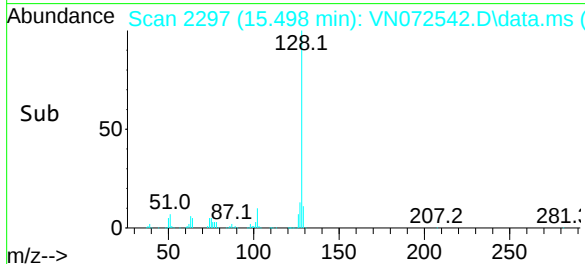
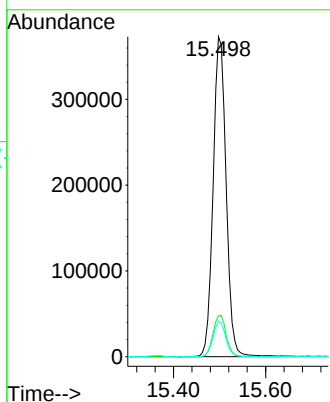
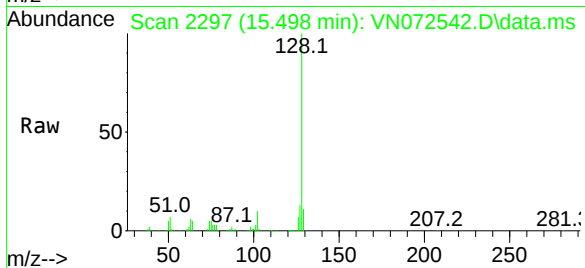
Tgt Ion:128 Resp: 728988

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 127.479 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN072542.D

Acq: 18 May 2022 15:06

Tgt Ion:180 Resp: 228425

Ion Ratio Lower Upper

180 100

182 97.5 47.8 143.3

145 34.0 15.5 46.5

