

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072201.D
 Acq On : 26 Apr 2022 16:01
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 26 16:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 16:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	294732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	502339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	453275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	168524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	87752	24.671	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	49.340%#
35) Dibromofluoromethane	8.016	113	62235	20.855	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	41.700%#
50) Toluene-d8	10.439	98	248979	20.458	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	40.920%#
62) 4-Bromofluorobenzene	12.727	95	79142	20.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	40.020%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	62887	25.599	ug/l	99
3) Chloromethane	2.299	50	72092	23.358	ug/l	99
4) Vinyl Chloride	2.446	62	58986	18.462	ug/l	95
5) Bromomethane	2.851	94	33285	16.659	ug/l	98
6) Chloroethane	3.016	64	36456	15.904	ug/l	98
7) Trichlorofluoromethane	3.375	101	102852	23.903	ug/l	100
8) Diethyl Ether	3.828	74	39206	21.864	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.216	101	56636	21.867	ug/l	95
10) Methyl Iodide	4.422	142	68101	19.252	ug/l #	88
11) Tert butyl alcohol	5.363	59	66605	116.560	ug/l	100
12) 1,1-Dichloroethene	4.187	96	49988	20.305	ug/l	91
13) Acrolein	4.040	56	68628	103.710	ug/l	98
14) Allyl chloride	4.840	41	105795	25.222	ug/l	93
15) Acrylonitrile	5.551	53	210780	126.178	ug/l	98
16) Acetone	4.281	43	179500	119.110	ug/l	95
17) Carbon Disulfide	4.534	76	120005	20.989	ug/l #	94
18) Methyl Acetate	4.851	43	103102	22.449	ug/l #	89
19) Methyl tert-butyl Ether	5.610	73	207769	22.439	ug/l	98
20) Methylene Chloride	5.093	84	67360	21.837	ug/l	87
21) trans-1,2-Dichloroethene	5.598	96	55980	20.731	ug/l	92
22) Diisopropyl ether	6.492	45	229814	25.565	ug/l	96
23) Vinyl Acetate	6.428	43	978064	135.778	ug/l	94
24) 1,1-Dichloroethane	6.387	63	123762	23.715	ug/l	99
25) 2-Butanone	7.328	43	286994	130.097	ug/l	92
26) 2,2-Dichloropropane	7.322	77	97977	22.223	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	69954	21.219	ug/l	91
28) Bromochloromethane	7.657	49	56136	25.333	ug/l #	79
29) Tetrahydrofuran	7.681	42	195535	136.765	ug/l	88
30) Chloroform	7.816	83	125037	23.016	ug/l	96
31) Cyclohexane	8.092	56	108797	22.858	ug/l	86
32) 1,1,1-Trichloroethane	8.016	97	106670	22.809	ug/l	98
36) 1,1-Dichloropropene	8.222	75	88012	21.081	ug/l	94
37) Ethyl Acetate	7.410	43	124747	26.598	ug/l	95
38) Carbon Tetrachloride	8.204	117	89015	21.647	ug/l	92
39) Methylcyclohexane	9.457	83	97035	19.762	ug/l	90
40) Benzene	8.457	78	270001	20.573	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	51946	22.103	ug/l	94
42) 1,2-Dichloroethane	8.528	62	101230	21.898	ug/l	97
43) Isopropyl Acetate	8.557	43	177573	22.775	ug/l	94
44) Trichloroethene	9.216	130	60464	18.311	ug/l	94
45) 1,2-Dichloropropane	9.486	63	71440	21.507	ug/l	99
46) Dibromomethane	9.575	93	46377	20.841	ug/l	91
47) Bromodichloromethane	9.757	83	97935	22.151	ug/l	98
48) Methyl methacrylate	9.557	41	76253	23.223	ug/l	94
49) 1,4-Dioxane	9.563	88	28160	352.210	ug/l	93
51) 4-Methyl-2-Pentanone	10.327	43	573643	126.650	ug/l	94
52) Toluene	10.498	92	167555	20.288	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	96698	20.940	ug/l	94
54) cis-1,3-Dichloropropene	10.186	75	108279	21.301	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	67904	20.011	ug/l	95
56) Ethyl methacrylate	10.757	69	106214	21.619	ug/l	91
57) 1,3-Dichloropropane	11.039	76	121111	21.150	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	128135	112.688	ug/l	92
59) 2-Hexanone	11.080	43	403761	126.476	ug/l	92
60) Dibromochloromethane	11.233	129	70412	21.205	ug/l	98
61) 1,2-Dibromoethane	11.339	107	67767	20.324	ug/l	99
64) Tetrachloroethene	10.974	164	49712	16.996	ug/l	91
65) Chlorobenzene	11.769	112	170494	18.972	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	64721	19.793	ug/l	98
67) Ethyl Benzene	11.839	91	306514	19.965	ug/l	100
68) m/p-Xylenes	11.951	106	229426	39.197	ug/l	92
69) o-Xylene	12.280	106	111309	19.153	ug/l	91
70) Styrene	12.292	104	179156	20.351	ug/l	97
71) Bromoform	12.457	173	49298	20.081	ug/l #	100
73) Isopropylbenzene	12.574	105	290265	20.370	ug/l	99
74) N-amyl acetate	12.386	43	104526	24.638	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	106002	22.105	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	125959	31.352	ug/l	49
77) Bromobenzene	12.857	156	63323	18.037	ug/l	83
78) n-propylbenzene	12.916	91	317010	21.042	ug/l	97
79) 2-Chlorotoluene	13.004	91	207042	21.361	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	250705	22.046	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	27126	21.210	ug/l	91
82) 4-Chlorotoluene	13.098	91	193320	21.511	ug/l	93
83) tert-Butylbenzene	13.321	119	207940	20.179	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	242139	21.787	ug/l	96
85) sec-Butylbenzene	13.498	105	284136	21.239	ug/l	96
86) p-Isopropyltoluene	13.610	119	224405	21.079	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	107622	19.168	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	105214	19.210	ug/l	96
89) n-Butylbenzene	13.939	91	160740	20.194	ug/l	98
90) Hexachloroethane	14.204	117	44315	22.569	ug/l	87
91) 1,2-Dichlorobenzene	13.986	146	107419	19.444	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	19358	25.277	ug/l	77
93) 1,2,4-Trichlorobenzene	15.257	180	44276	20.636	ug/l	97
94) Hexachlorobutadiene	15.362	225	27657	17.301	ug/l	96
95) Naphthalene	15.504	128	120570	22.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	43817	21.930	ug/l	98

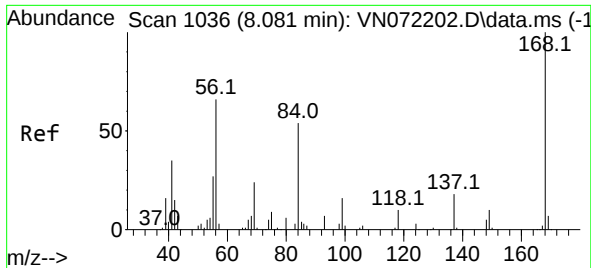
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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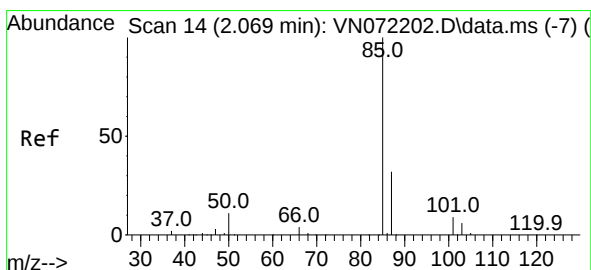
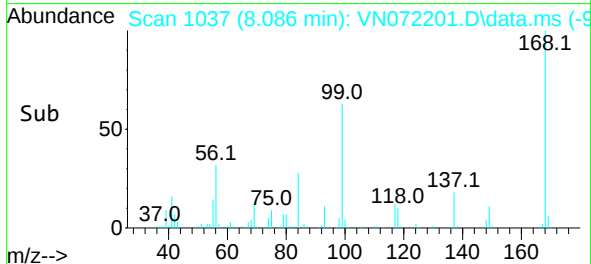
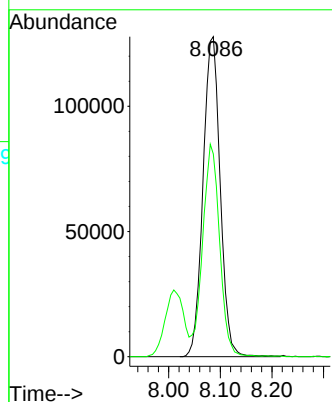
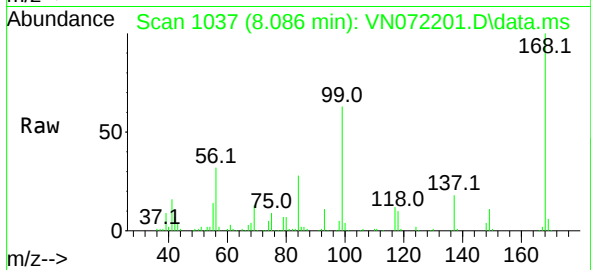
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072201.D
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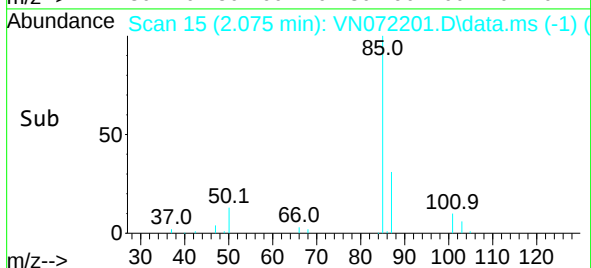
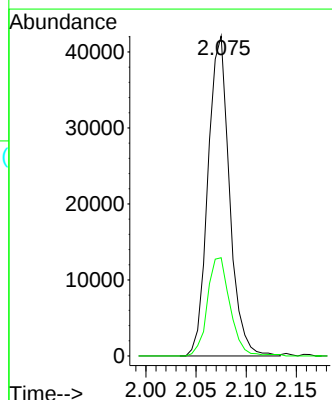
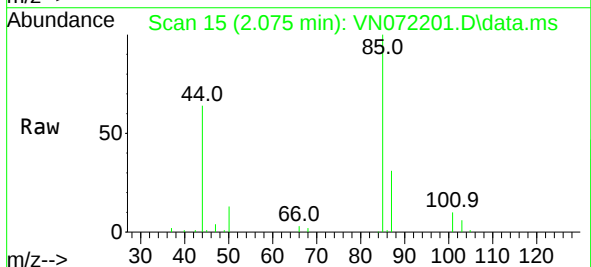
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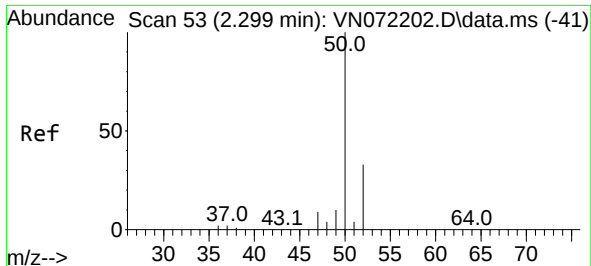
Tgt Ion:168 Resp: 294732
Ion Ratio Lower Upper
168 100
99 63.1 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 25.599 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 85 Resp: 62887
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.1

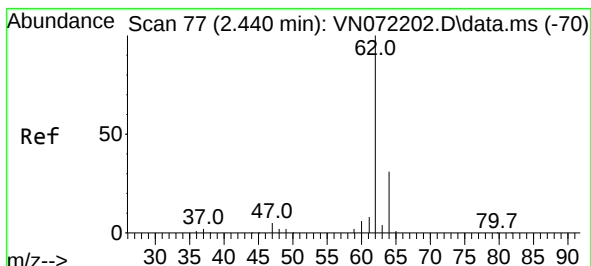
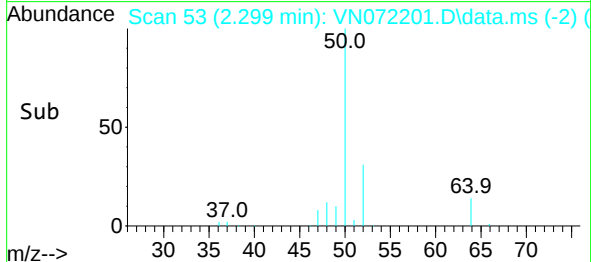
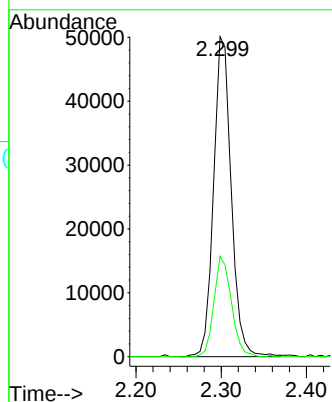
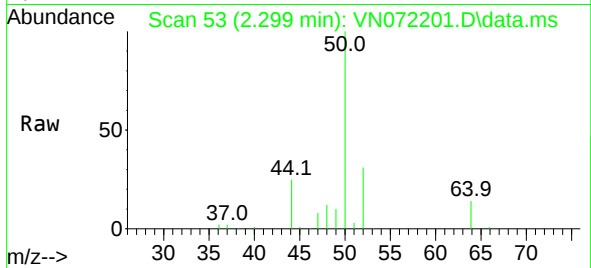




#3
Chloromethane
Concen: 23.358 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

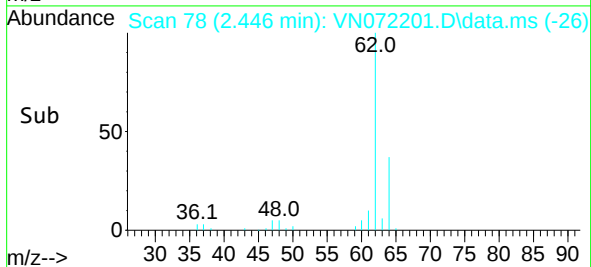
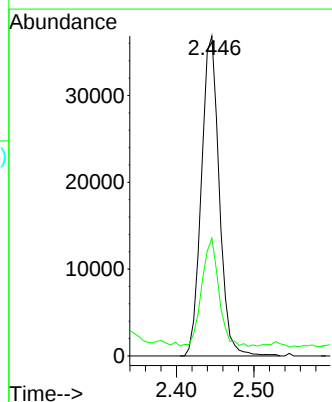
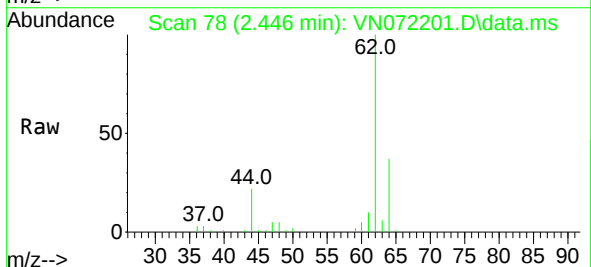
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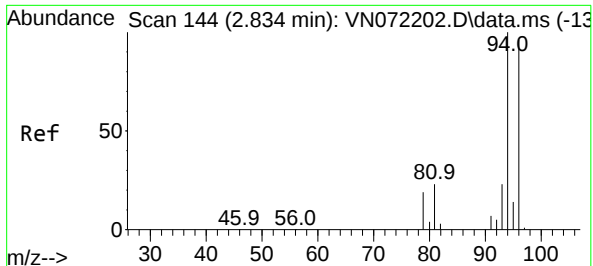
Tgt Ion: 50 Resp: 72092
Ion Ratio Lower Upper
50 100
52 31.4 25.7 38.5



#4
Vinyl Chloride
Concen: 18.462 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 62 Resp: 58986
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.4

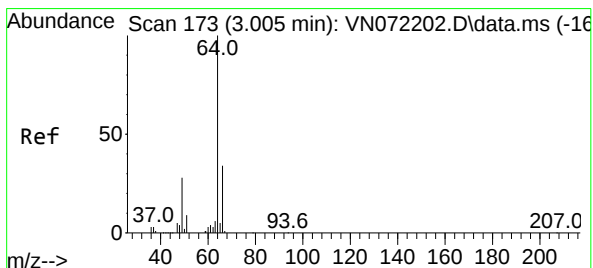
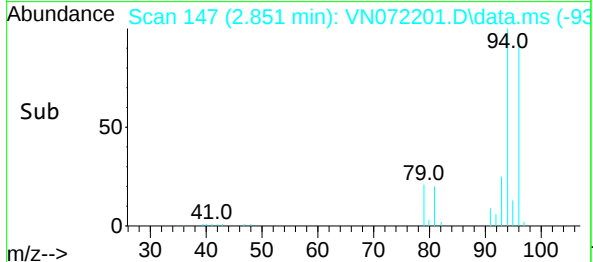
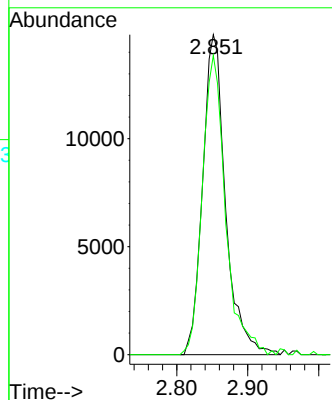
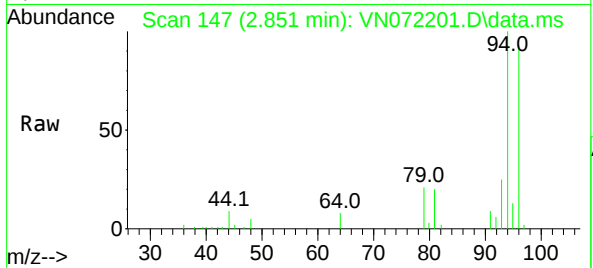




#5
Bromomethane
Concen: 16.659 ug/l
RT: 2.851 min Scan# 144
Delta R.T. 0.017 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

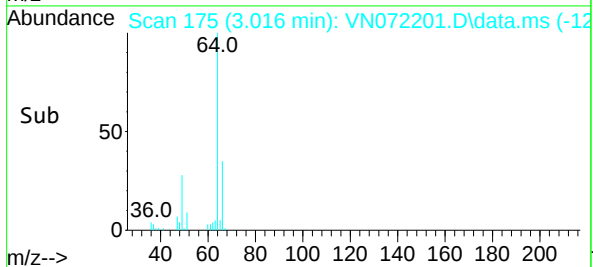
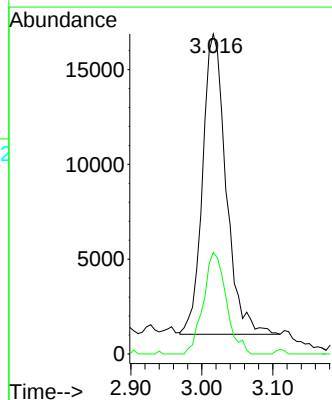
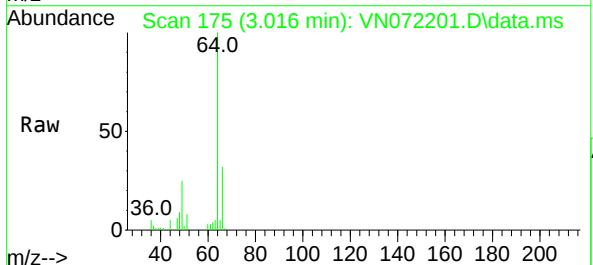
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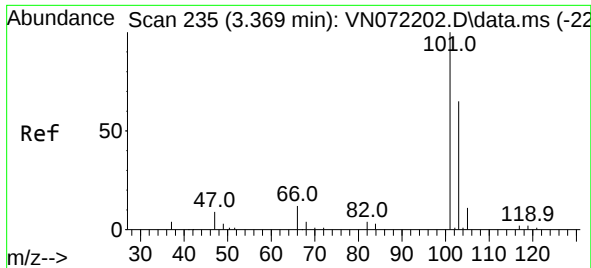
Tgt Ion: 94 Resp: 33285
Ion Ratio Lower Upper
94 100
96 93.5 76.0 114.0



#6
Chloroethane
Concen: 15.904 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 64 Resp: 36456
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4

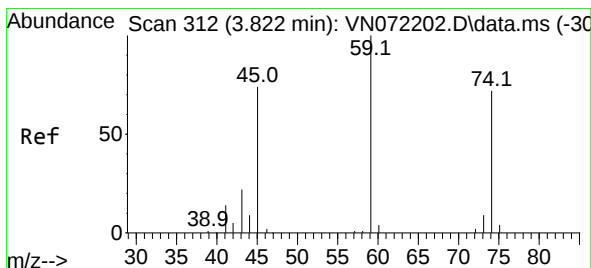
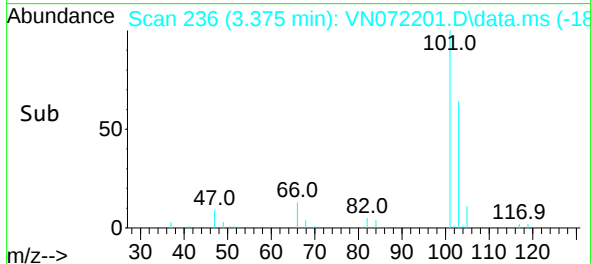
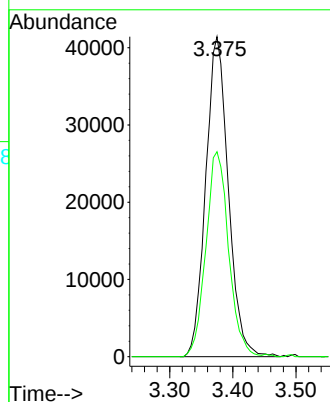
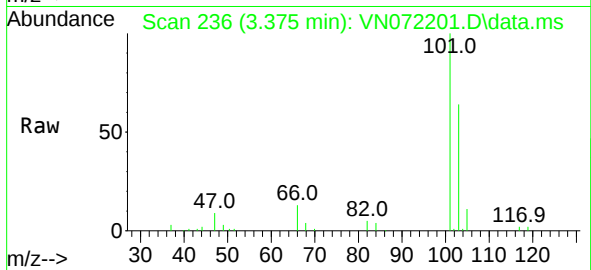




#7
 Trichlorofluoromethane
 Concen: 23.903 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

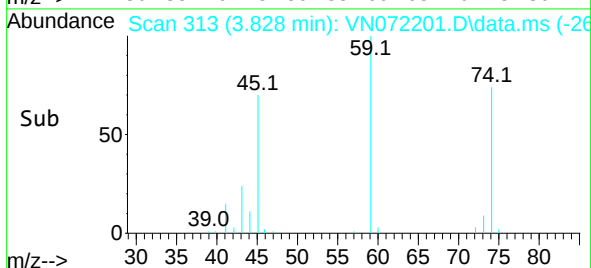
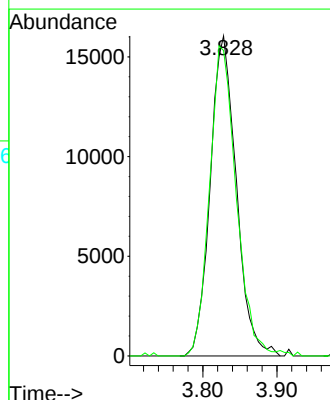
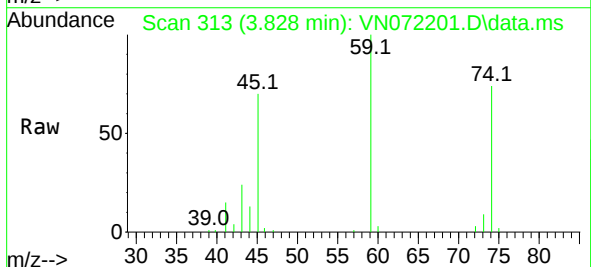
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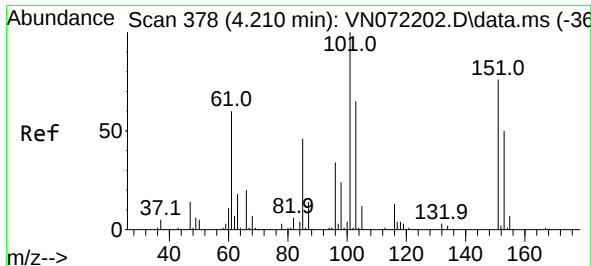
Tgt Ion:101 Resp: 102852
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.864 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.006 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

Tgt Ion: 74 Resp: 39206
 Ion Ratio Lower Upper
 74 100
 45 99.2 42.9 128.5

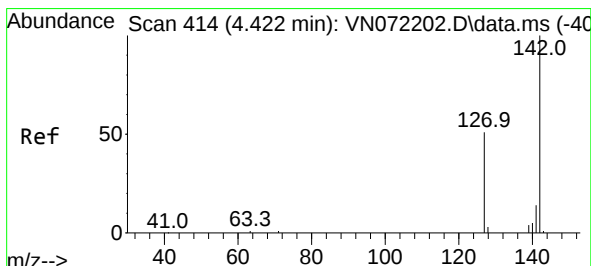
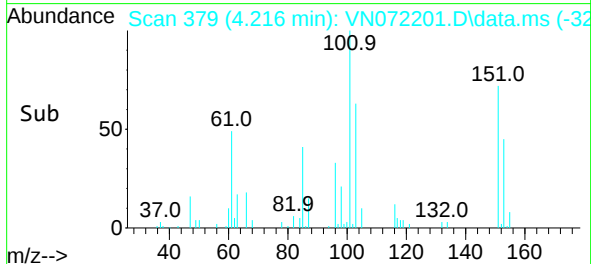
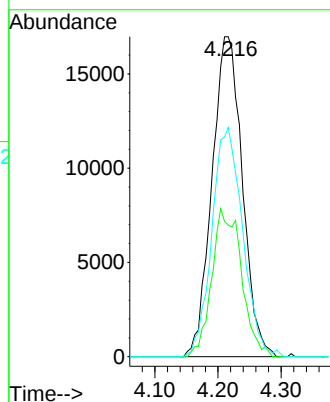
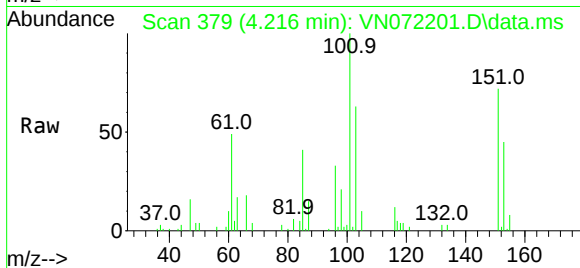




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.867 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072201.D
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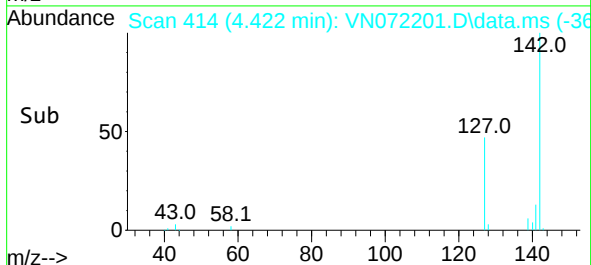
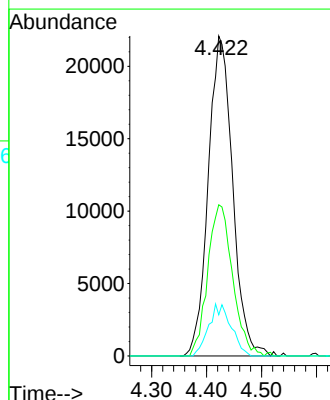
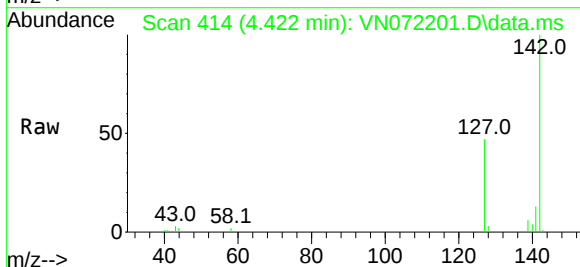
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

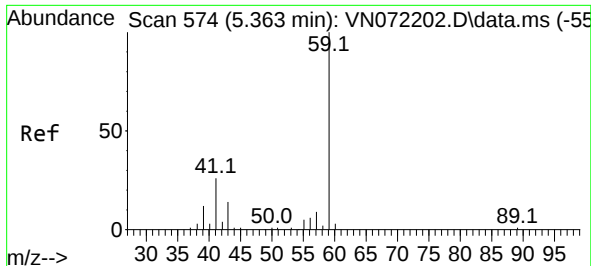
Tgt Ion:101 Resp: 56636
Ion Ratio Lower Upper
101 100
85 45.0 34.7 52.1
151 72.6 63.0 94.4



#10
Methyl Iodide
Concen: 19.252 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:142 Resp: 68101
Ion Ratio Lower Upper
142 100
127 48.1 31.3 46.9#
141 15.0 11.2 16.8

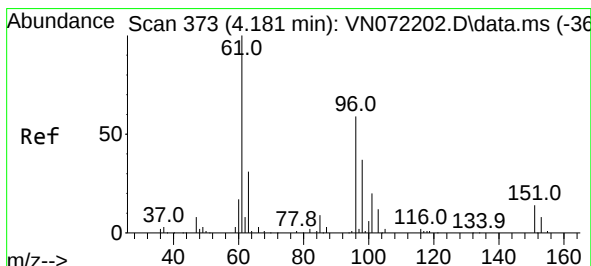
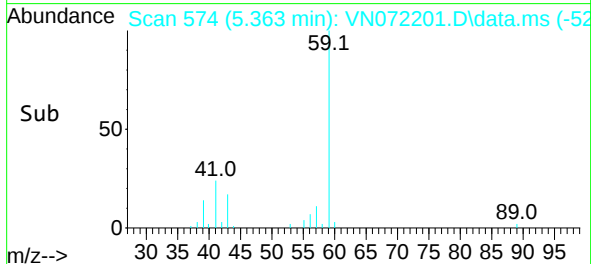
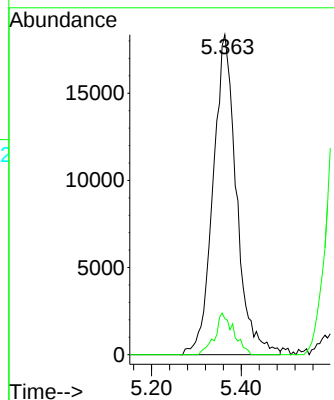
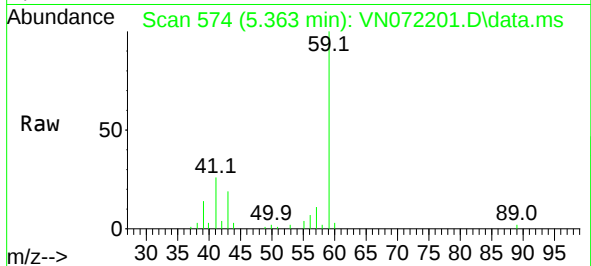




#11
Tert butyl alcohol
Concen: 116.560 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

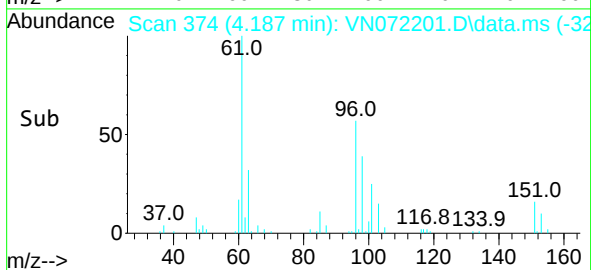
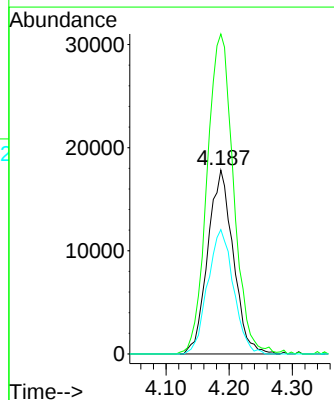
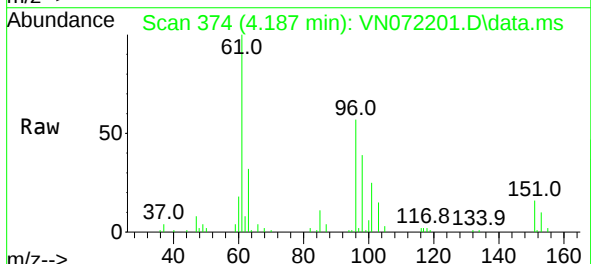
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

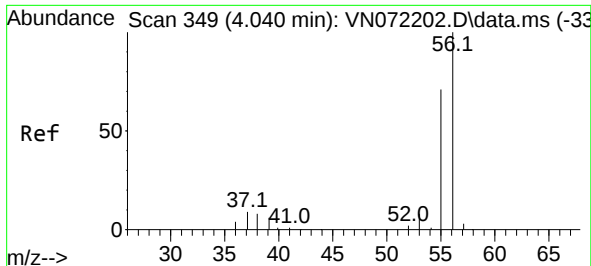
Tgt Ion: 59 Resp: 66605
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.305 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 96 Resp: 49988
Ion Ratio Lower Upper
96 100
61 173.2 127.6 191.4
98 67.7 51.2 76.8





#13

Acrolein

Concen: 103.710 ug/l

RT: 4.040 min Scan# 349

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

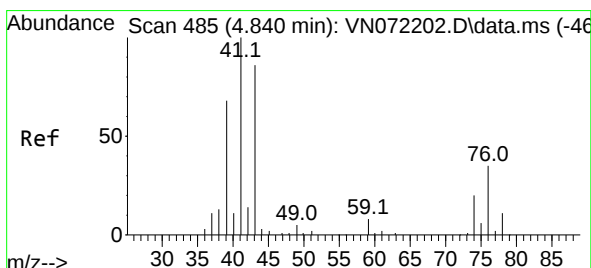
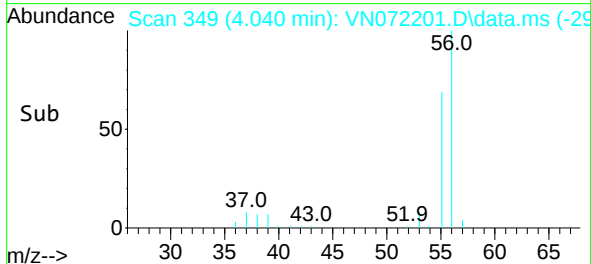
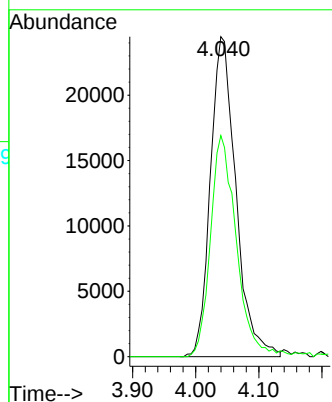
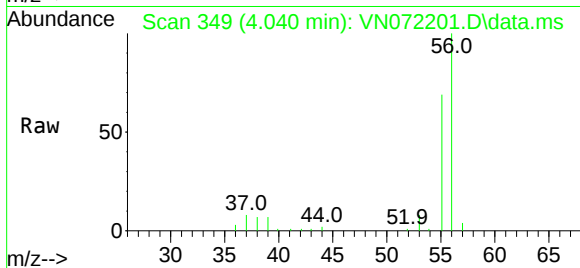
VSTDICC020

Tgt Ion: 56 Resp: 68628

Ion Ratio Lower Upper

56 100

55 70.0 54.8 82.2



#14

Allyl chloride

Concen: 25.222 ug/l

RT: 4.840 min Scan# 485

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

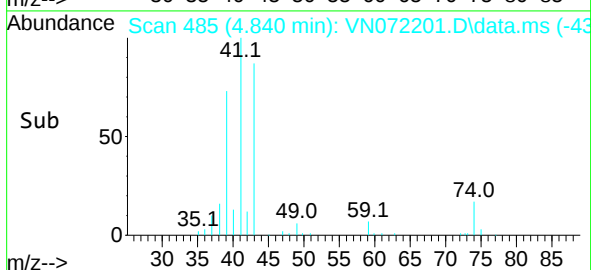
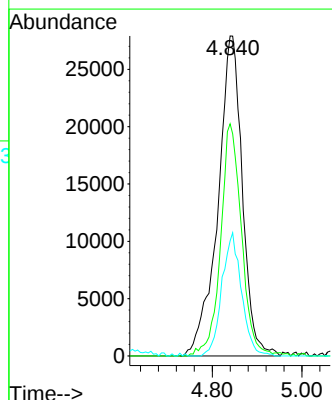
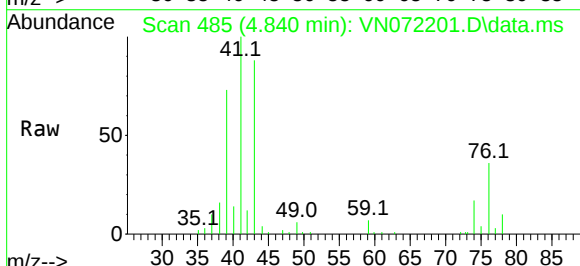
Tgt Ion: 41 Resp: 105795

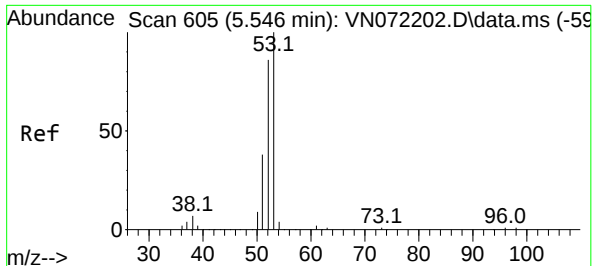
Ion Ratio Lower Upper

41 100

39 62.1 53.2 79.8

76 31.0 29.9 44.9





#15

Acrylonitrile

Concen: 126.178 ug/l

RT: 5.551 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

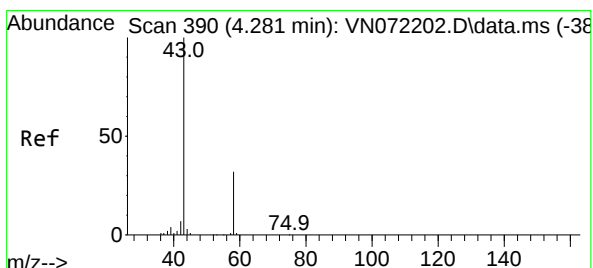
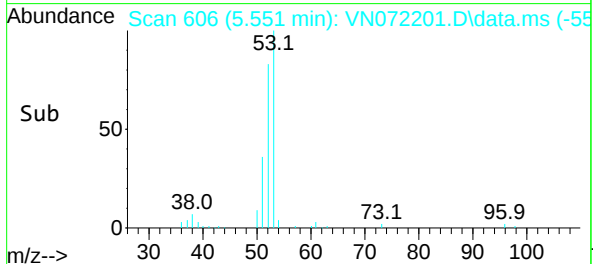
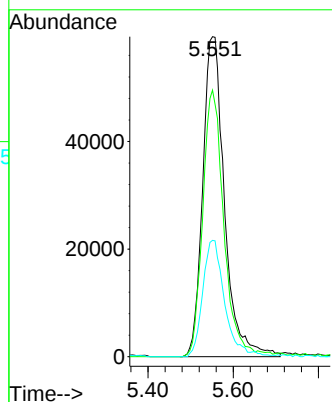
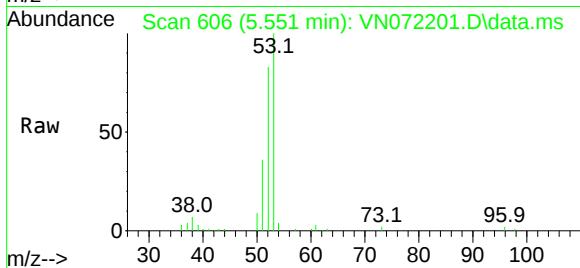
Tgt Ion: 53 Resp: 210780

Ion Ratio Lower Upper

53 100

52 80.9 66.4 99.6

51 35.8 28.5 42.7



#16

Acetone

Concen: 119.110 ug/l

RT: 4.281 min Scan# 390

Delta R.T. -0.000 min

Lab File: VN072201.D

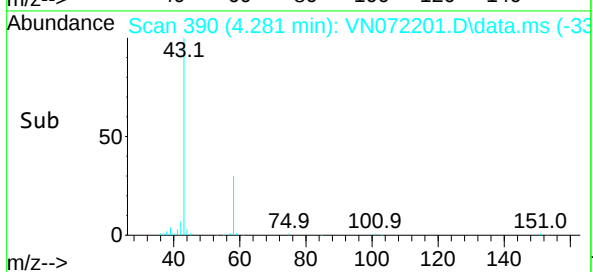
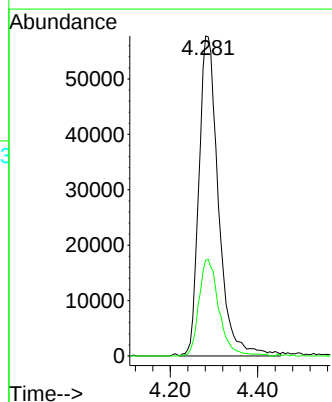
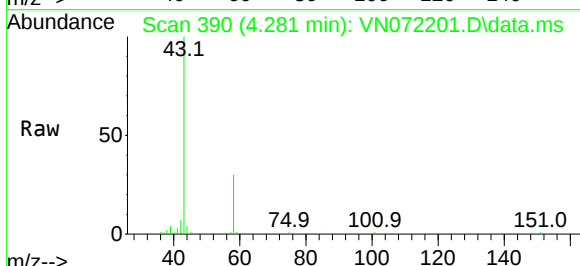
Acq: 26 Apr 2022 16:01

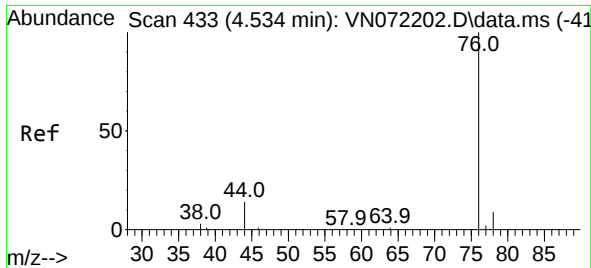
Tgt Ion: 43 Resp: 179500

Ion Ratio Lower Upper

43 100

58 29.9 26.0 39.0





#17

Carbon Disulfide

Concen: 20.989 ug/l

RT: 4.534 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

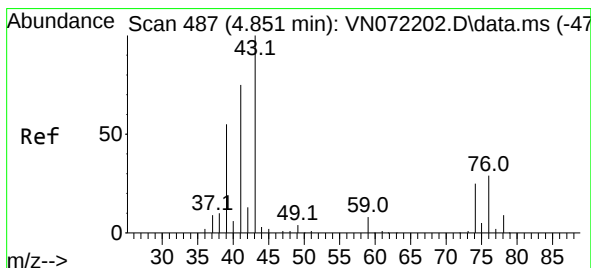
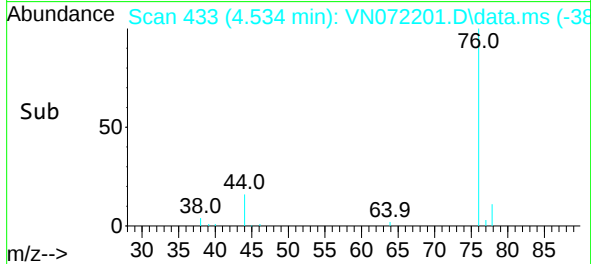
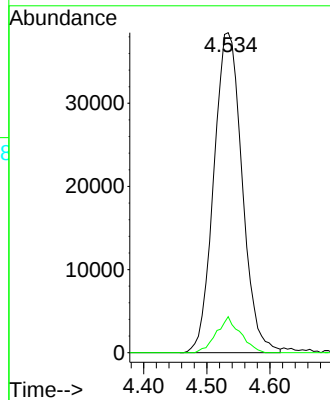
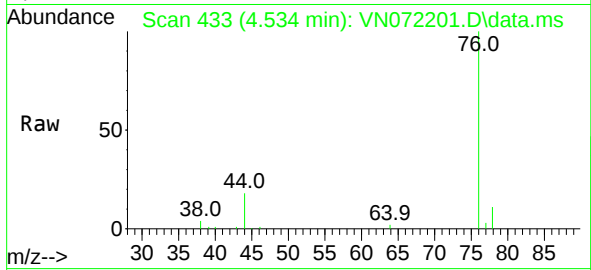
VSTDIC020

Tgt Ion: 76 Resp: 120005

Ion Ratio Lower Upper

76 100

78 11.2 7.2 10.8#



#18

Methyl Acetate

Concen: 22.449 ug/l

RT: 4.851 min Scan# 487

Delta R.T. -0.000 min

Lab File: VN072201.D

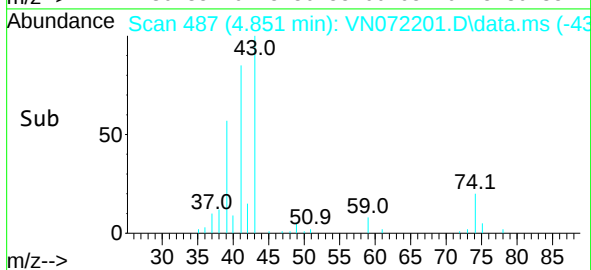
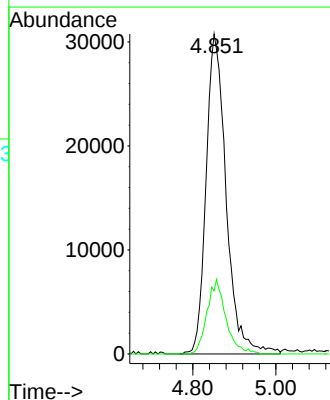
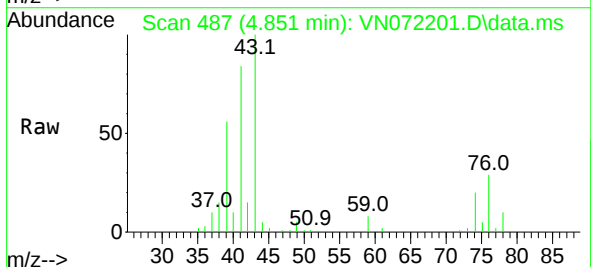
Acq: 26 Apr 2022 16:01

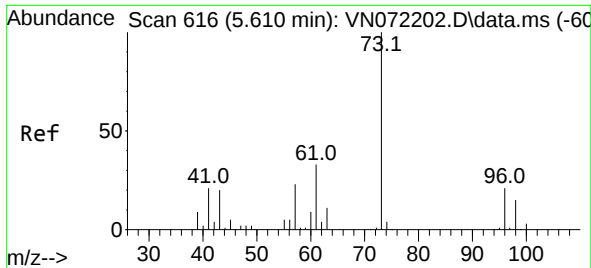
Tgt Ion: 43 Resp: 103102

Ion Ratio Lower Upper

43 100

74 21.4 21.6 32.4#

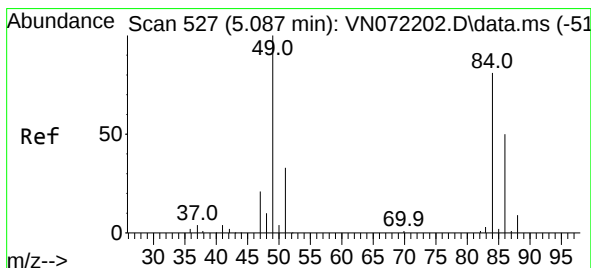
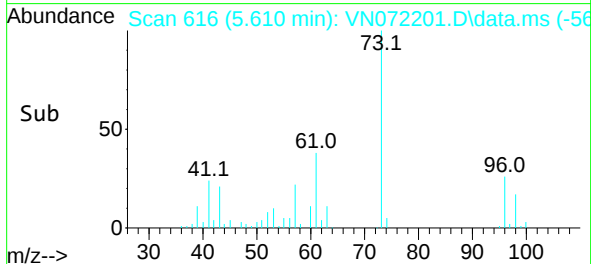
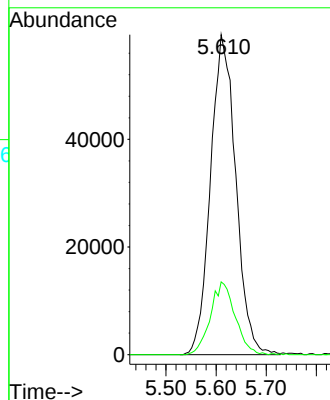
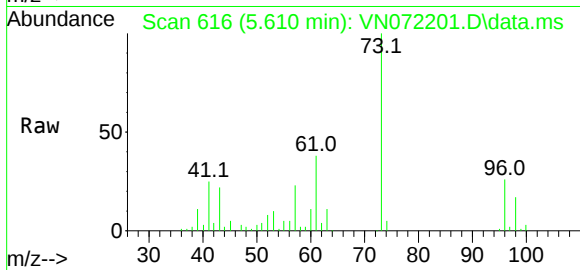




#19
Methyl tert-butyl Ether
Concen: 22.439 ug/l
RT: 5.610 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

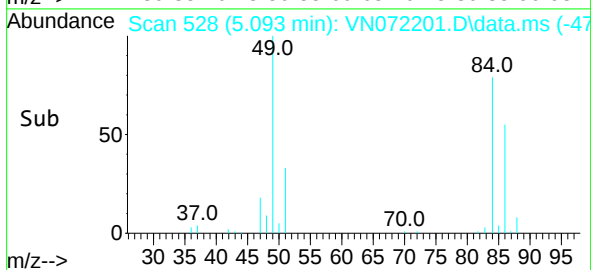
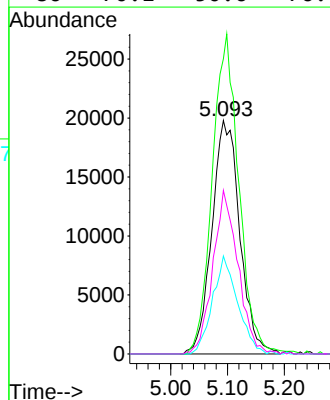
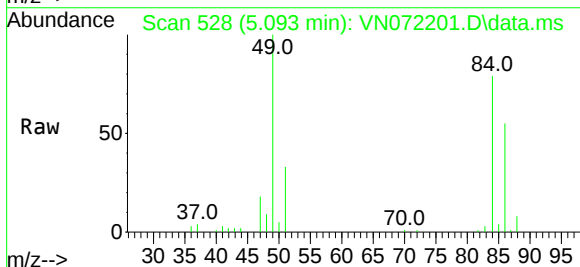
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

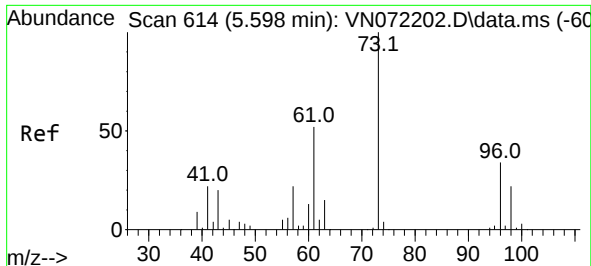
Tgt Ion: 73 Resp: 207769
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4



#20
Methylene Chloride
Concen: 21.837 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 84 Resp: 67360
Ion Ratio Lower Upper
84 100
49 126.4 88.3 132.5
51 41.9 28.2 42.2
86 70.1 50.6 76.0

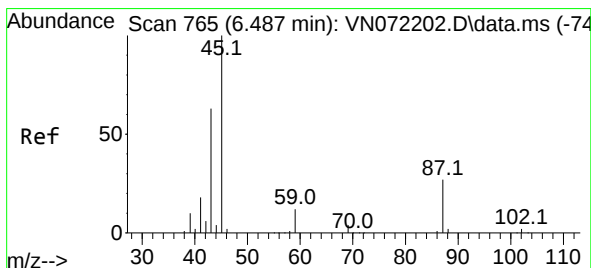
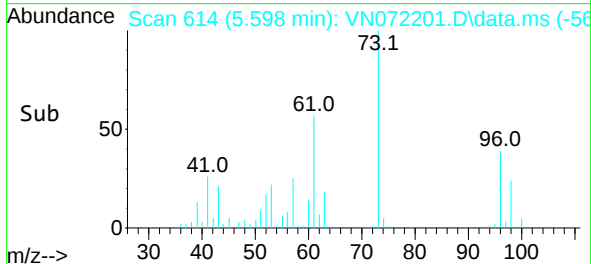
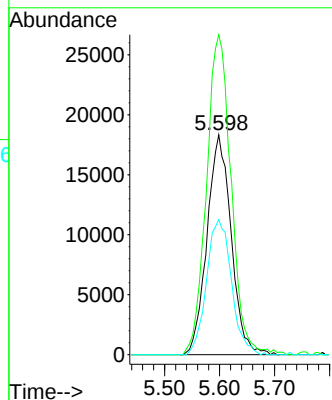
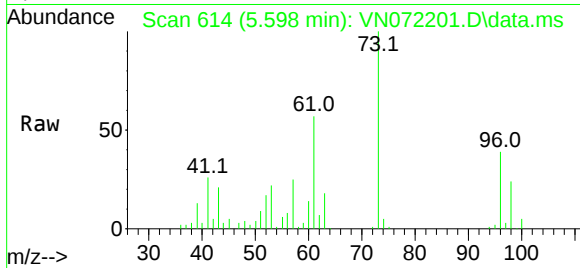




#21
trans-1,2-Dichloroethene
Concen: 20.731 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

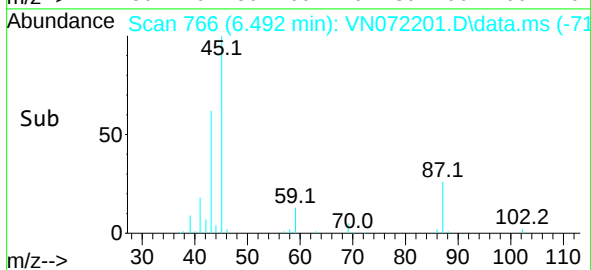
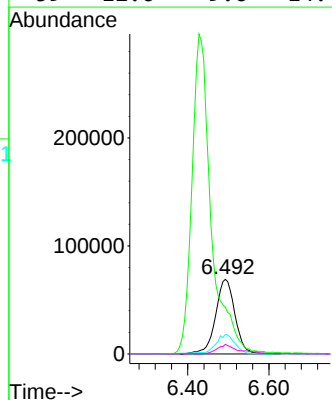
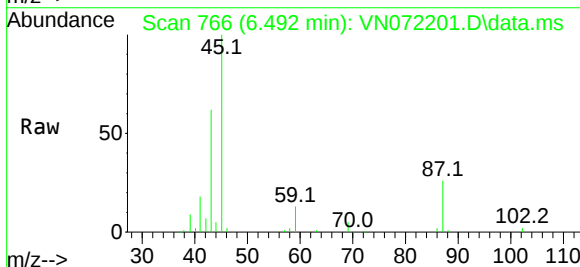
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

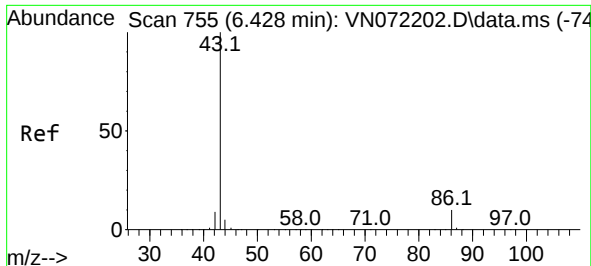
Tgt Ion: 96 Resp: 55980
Ion Ratio Lower Upper
96 100
61 145.5 105.8 158.8
98 61.4 50.3 75.5



#22
Diisopropyl ether
Concen: 25.565 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 45 Resp: 229814
Ion Ratio Lower Upper
45 100
43 60.5 46.6 70.0
87 26.2 24.3 36.5
59 12.6 9.6 14.4

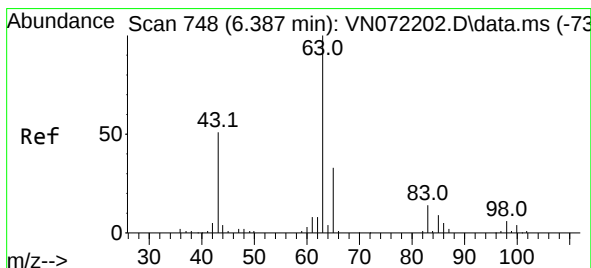
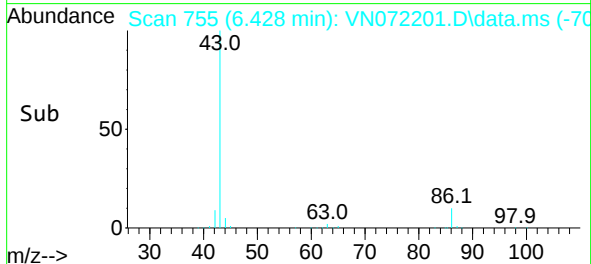
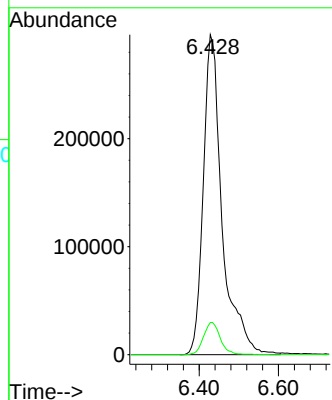
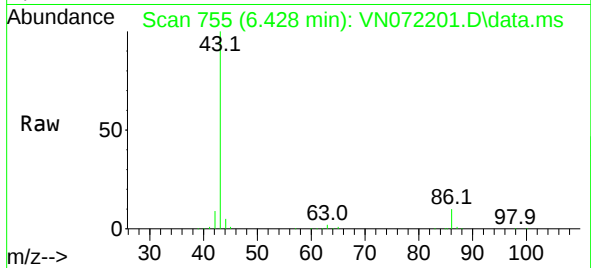




#23
 Vinyl Acetate
 Concen: 135.778 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

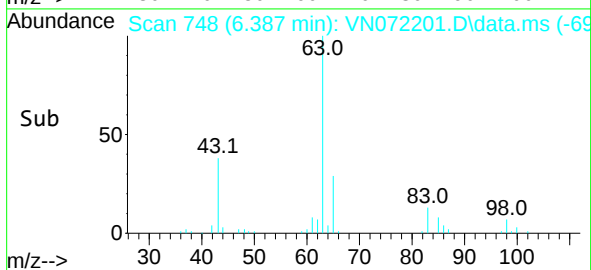
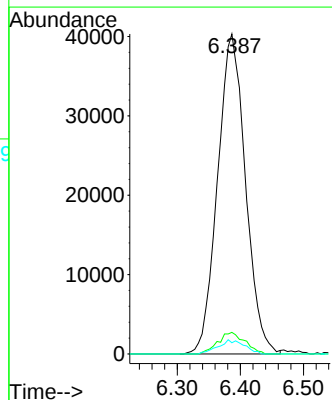
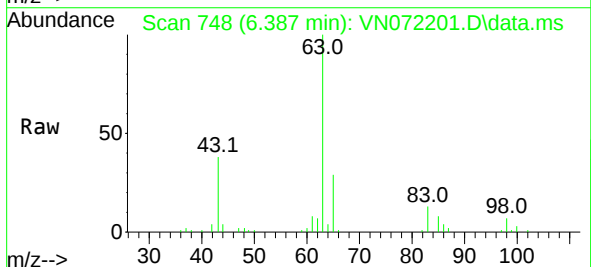
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

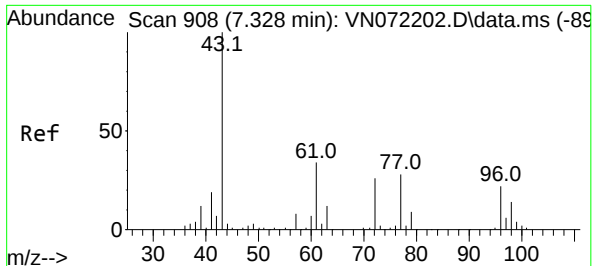
Tgt Ion: 43 Resp: 978064
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 23.715 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

Tgt Ion: 63 Resp: 123762
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 3.5 2.3 6.8





#25

2-Butanone

Concen: 130.097 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

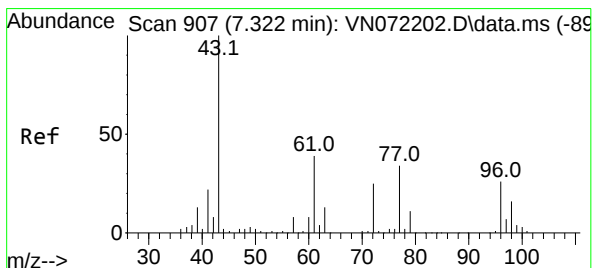
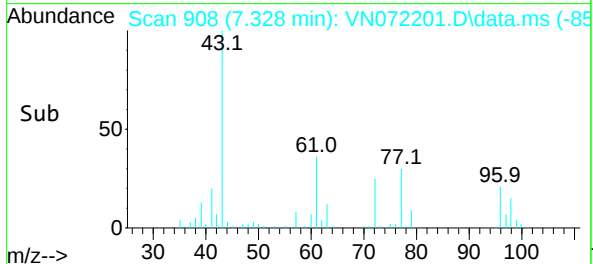
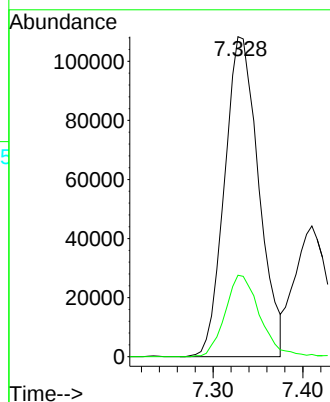
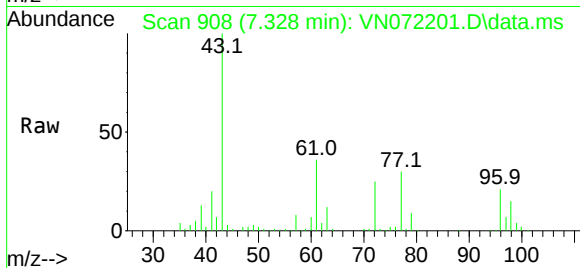
VSTDIC020

Tgt Ion: 43 Resp: 286994

Ion Ratio Lower Upper

43 100

72 25.4 23.7 35.5



#26

2,2-Dichloropropane

Concen: 22.223 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072201.D

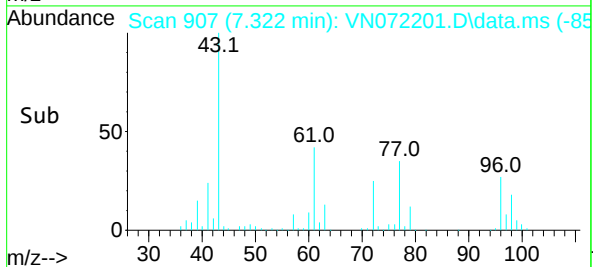
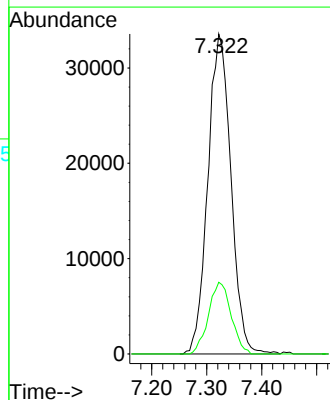
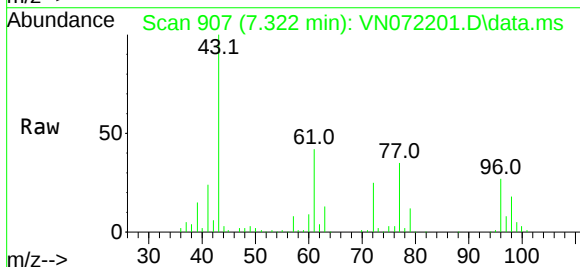
Acq: 26 Apr 2022 16:01

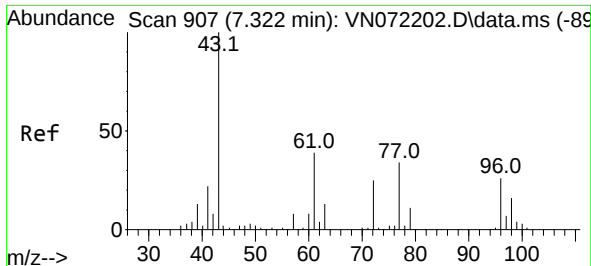
Tgt Ion: 77 Resp: 97977

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.219 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

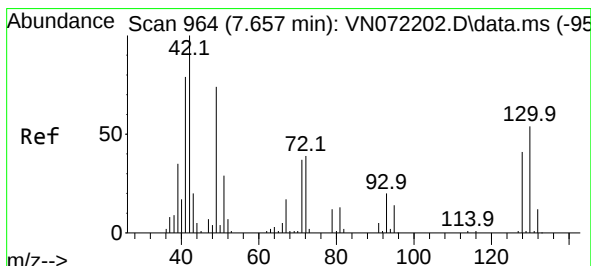
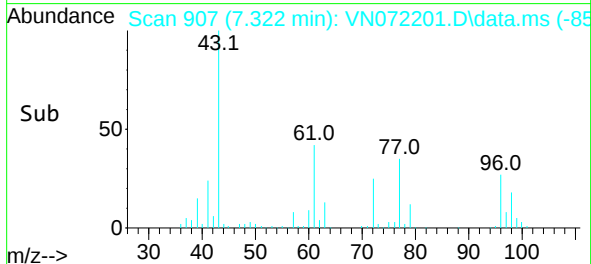
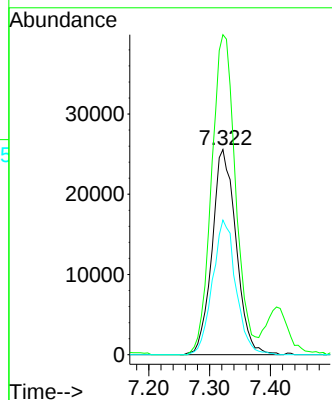
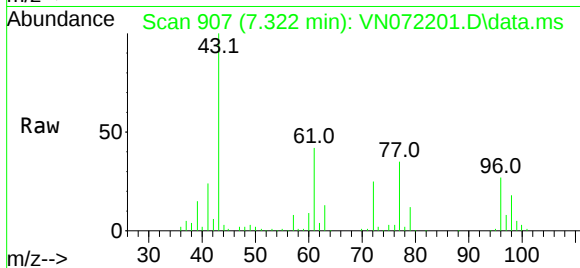
Tgt Ion: 96 Resp: 69954

Ion Ratio Lower Upper

96 100

61 156.7 0.0 280.6

98 64.0 0.0 128.4



#28

Bromochloromethane

Concen: 25.333 ug/l

RT: 7.657 min Scan# 964

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

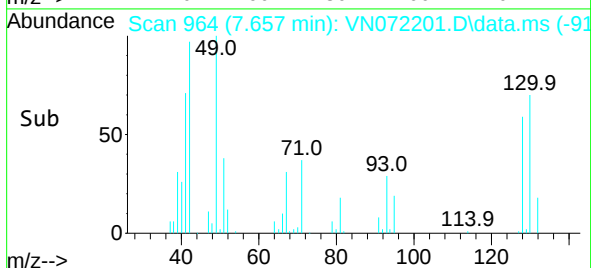
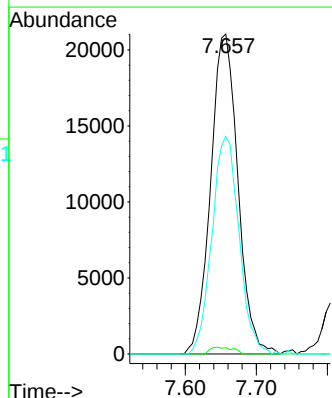
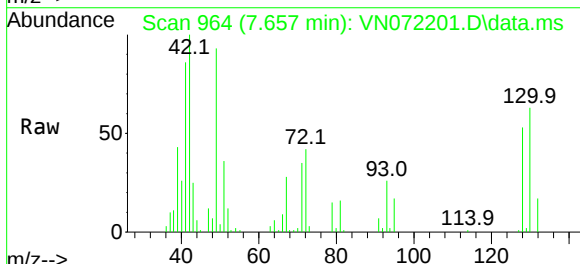
Tgt Ion: 49 Resp: 56136

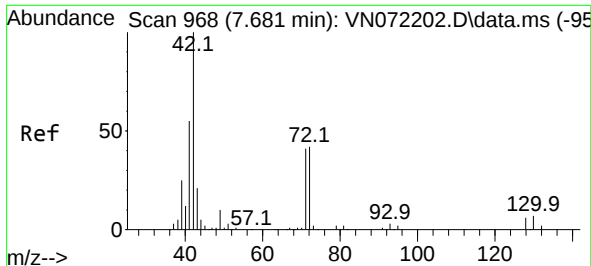
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 67.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 136.765 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

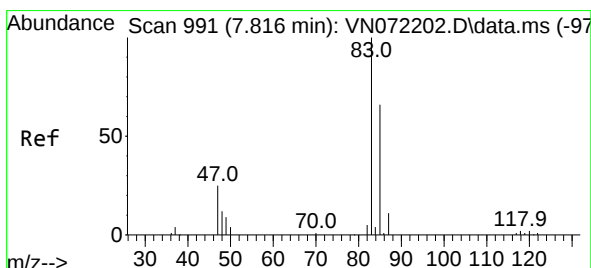
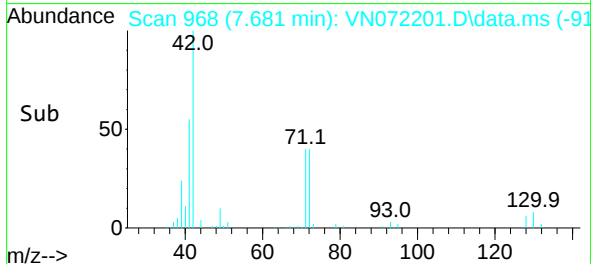
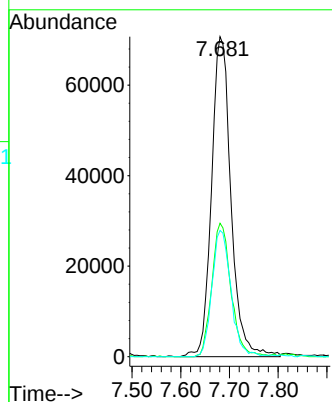
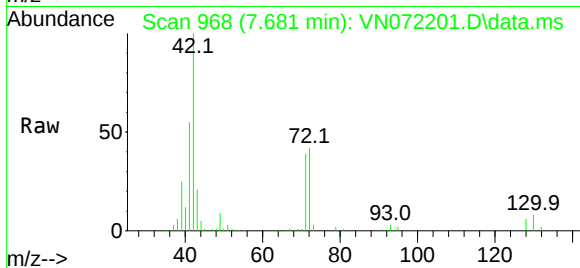
Tgt Ion: 42 Resp: 195535

Ion Ratio Lower Upper

42 100

72 41.1 39.7 59.5

71 38.4 36.6 55.0



#30

Chloroform

Concen: 23.016 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072201.D

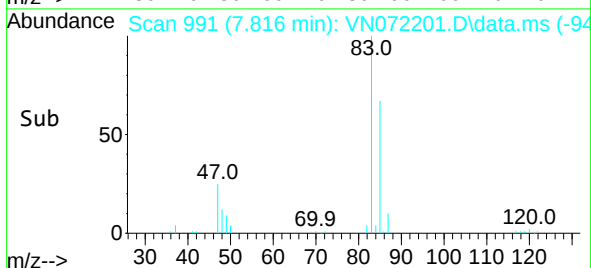
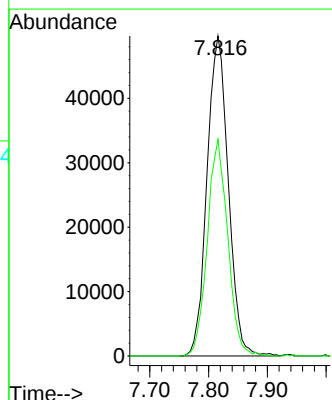
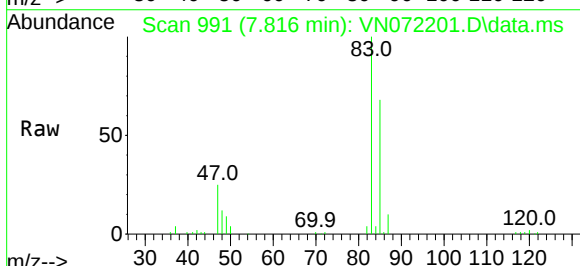
Acq: 26 Apr 2022 16:01

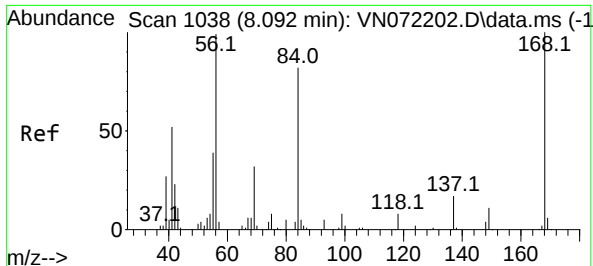
Tgt Ion: 83 Resp: 125037

Ion Ratio Lower Upper

83 100

85 67.6 51.8 77.8

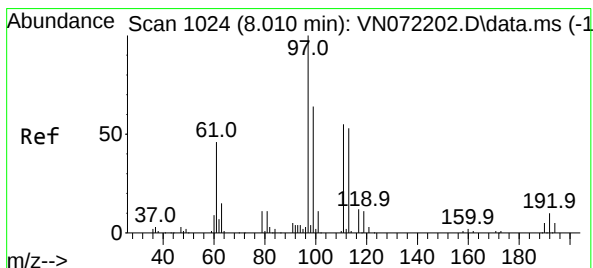
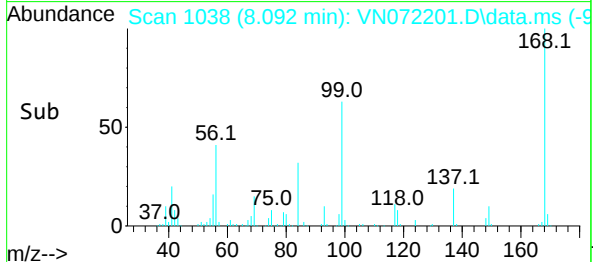
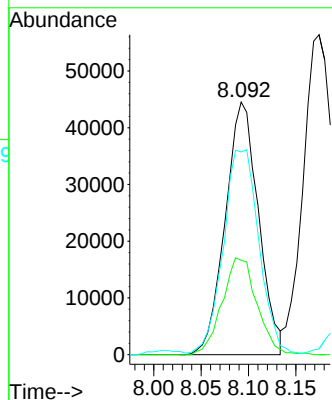
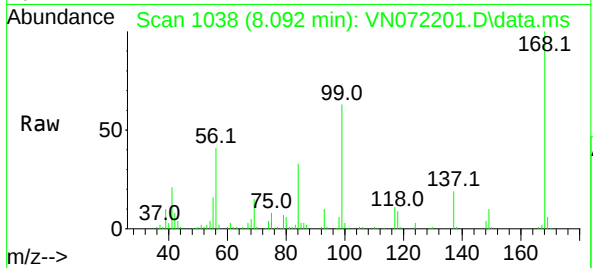




#31
Cyclohexane
Concen: 22.858 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

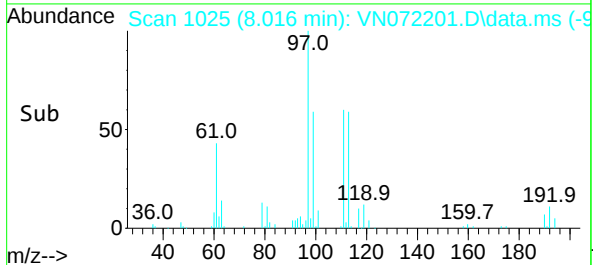
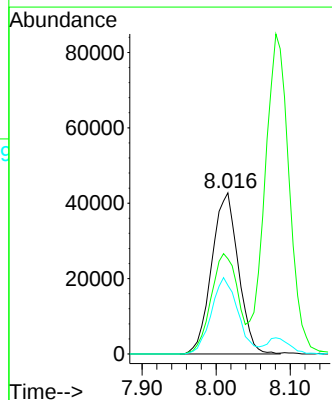
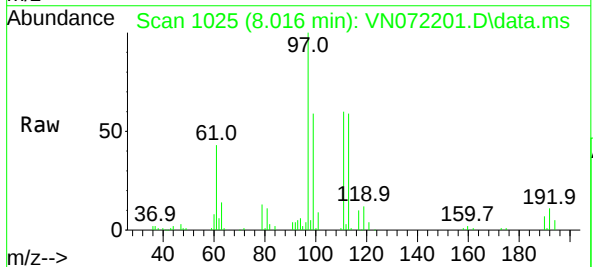
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

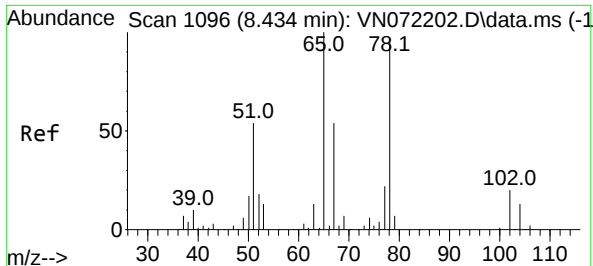
Tgt Ion: 56 Resp: 108797
Ion Ratio Lower Upper
56 100
69 37.3 27.8 41.8
84 78.9 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 22.809 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 97 Resp: 106670
Ion Ratio Lower Upper
97 100
99 62.4 50.6 76.0
61 47.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 24.671 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

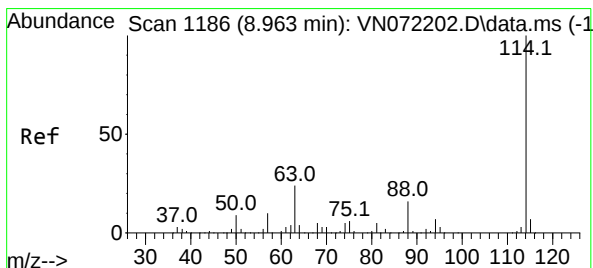
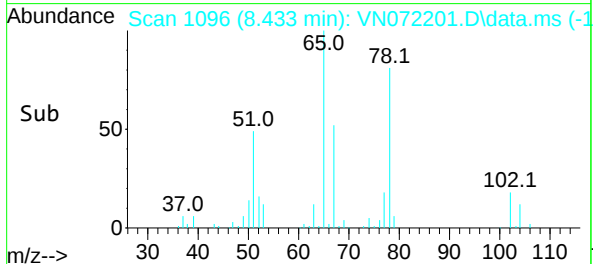
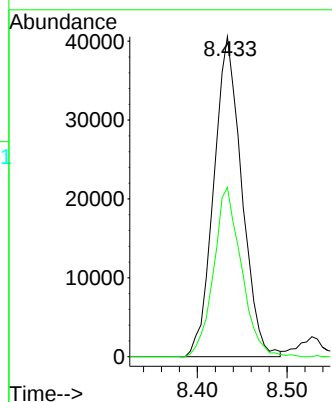
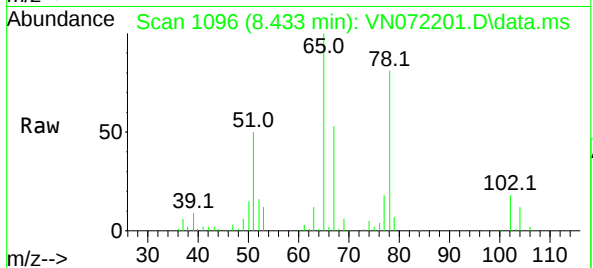
VSTDIC020

Tgt Ion: 65 Resp: 87752

Ion Ratio Lower Upper

65 100

67 52.5 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: VN072201.D

Acq: 26 Apr 2022 16:01

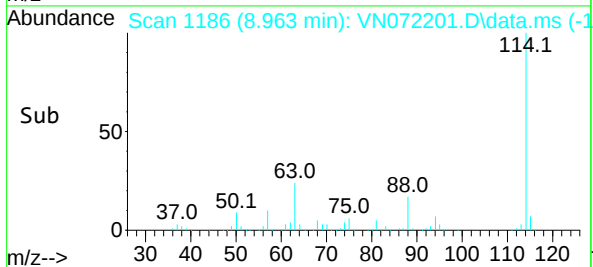
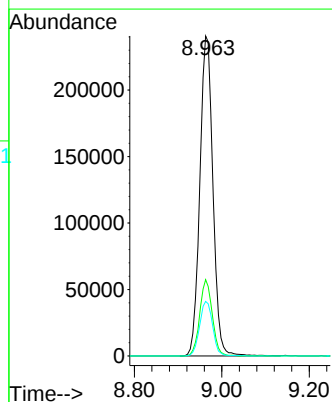
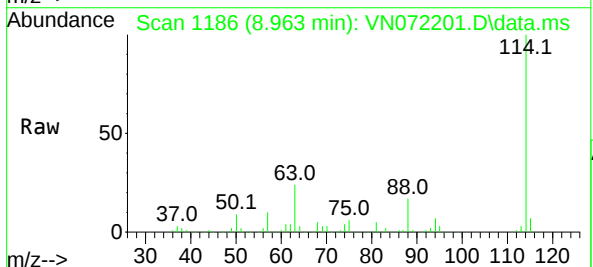
Tgt Ion: 114 Resp: 502339

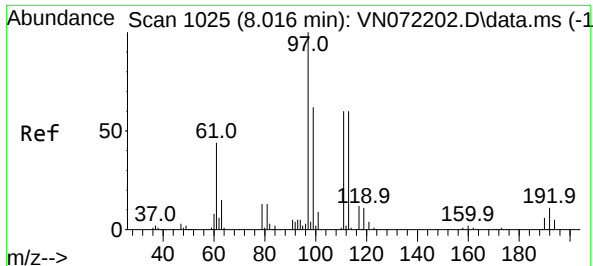
Ion Ratio Lower Upper

114 100

63 23.9 0.0 40.0

88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 20.855 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

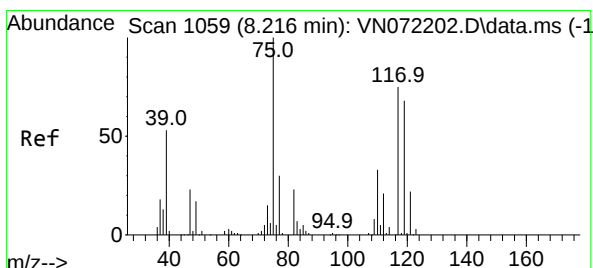
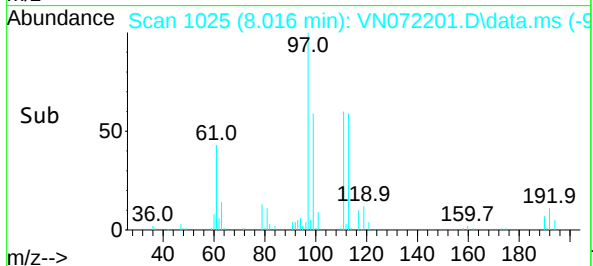
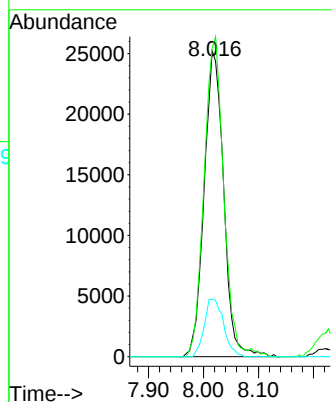
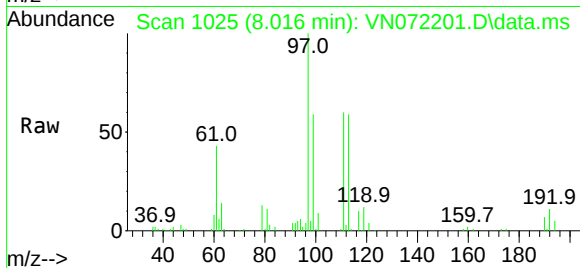
Tgt Ion:113 Resp: 62235

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 18.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 21.081 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

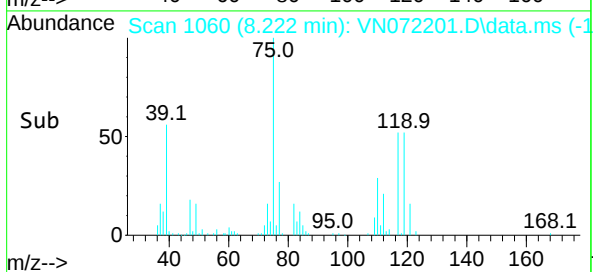
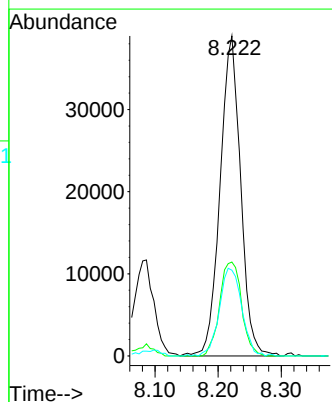
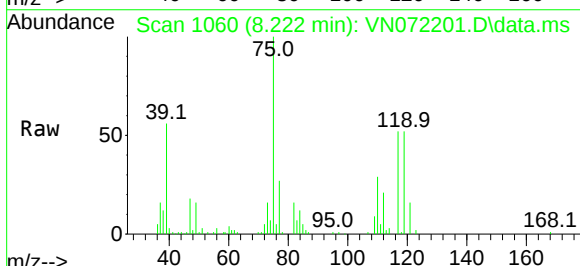
Tgt Ion: 75 Resp: 88012

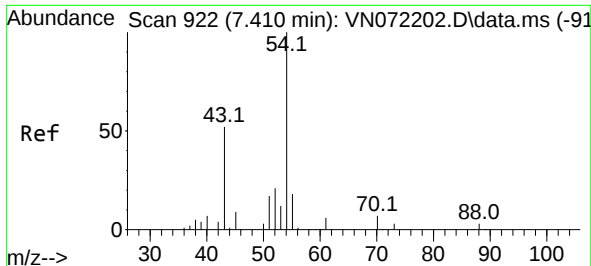
Ion Ratio Lower Upper

75 100

110 31.4 18.3 54.8

77 30.0 25.1 37.7

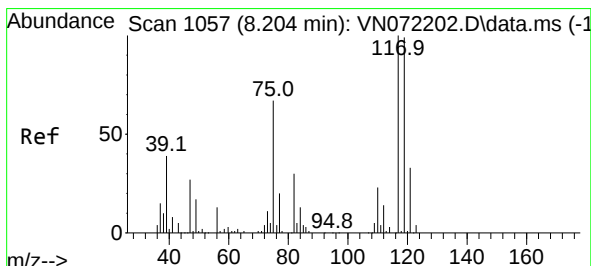
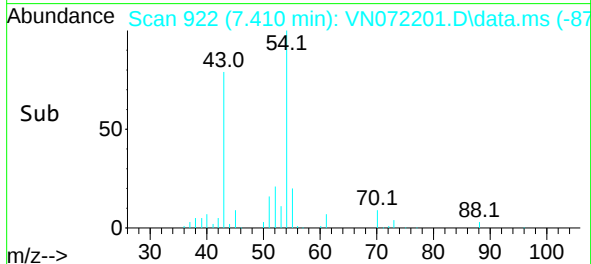
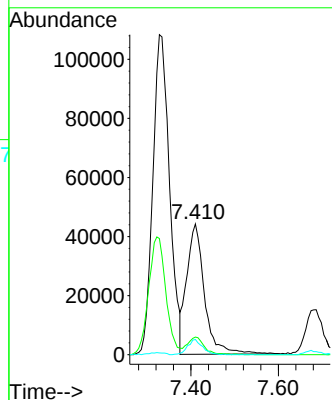
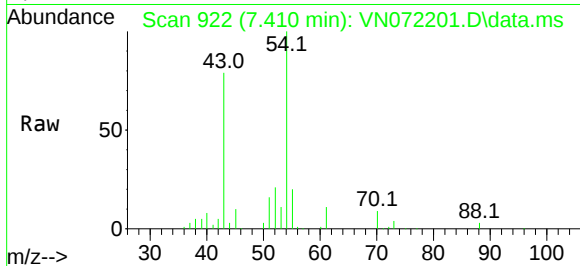




#37
Ethyl Acetate
Concen: 26.598 ug/l
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

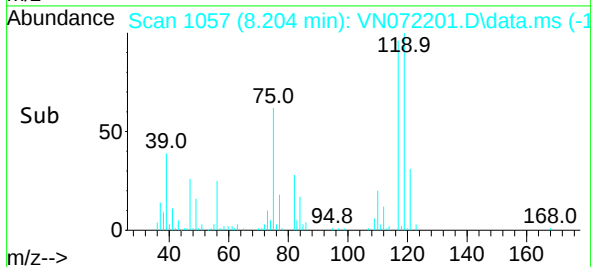
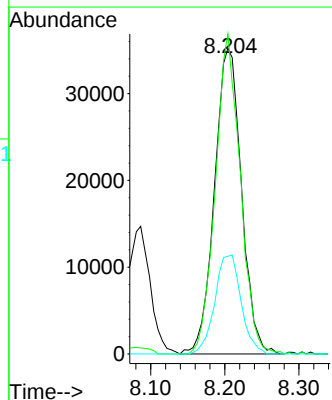
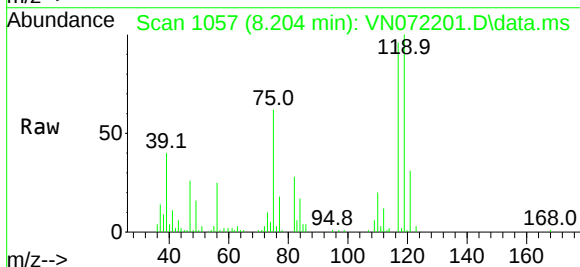
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

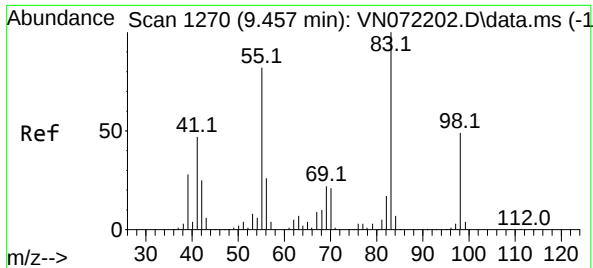
Tgt Ion: 43 Resp: 124747
Ion Ratio Lower Upper
43 100
61 12.4 11.8 17.6
70 9.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 21.647 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 117 Resp: 89015
Ion Ratio Lower Upper
117 100
119 104.7 75.8 113.8
121 32.0 24.6 37.0





#39

Methylcyclohexane

Concen: 19.762 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

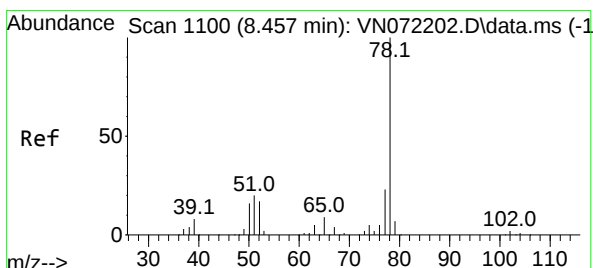
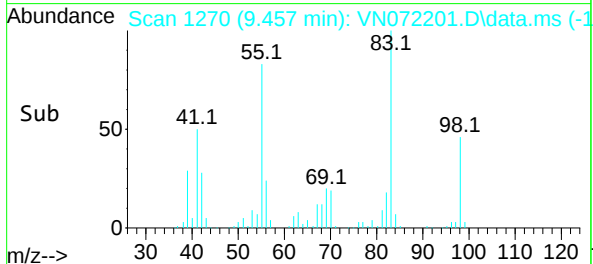
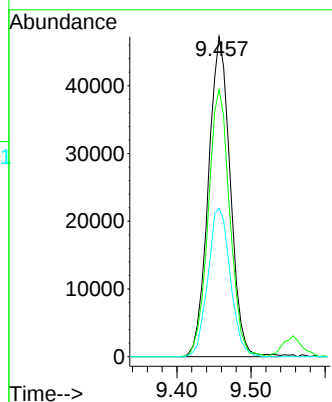
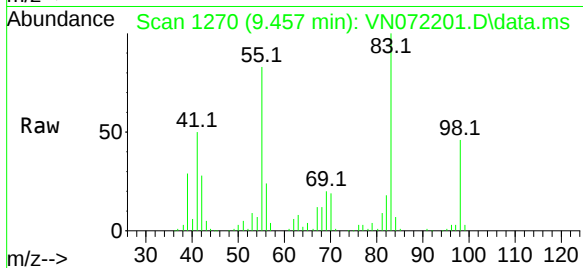
Tgt Ion: 83 Resp: 97035

Ion Ratio Lower Upper

83 100

55 83.4 57.8 86.8

98 46.3 39.4 59.2



#40

Benzene

Concen: 20.573 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072201.D

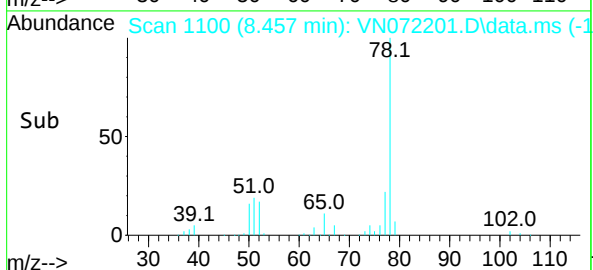
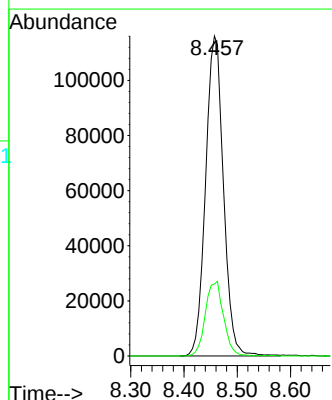
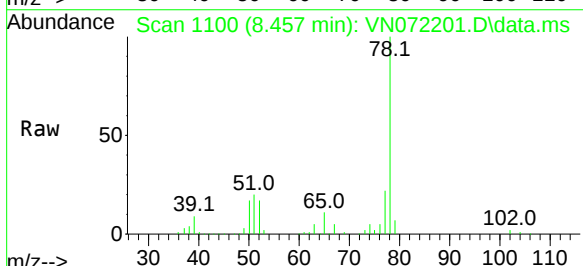
Acq: 26 Apr 2022 16:01

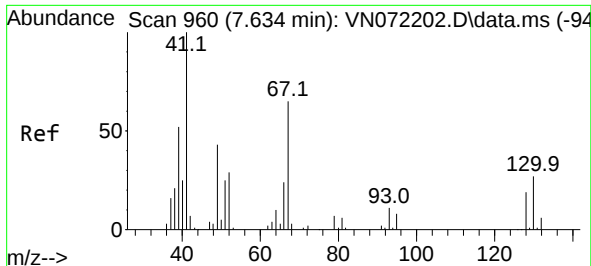
Tgt Ion: 78 Resp: 270001

Ion Ratio Lower Upper

78 100

77 22.5 19.4 29.0

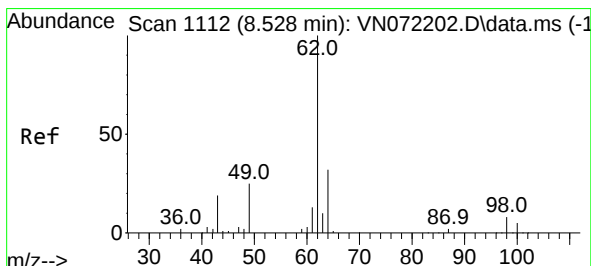
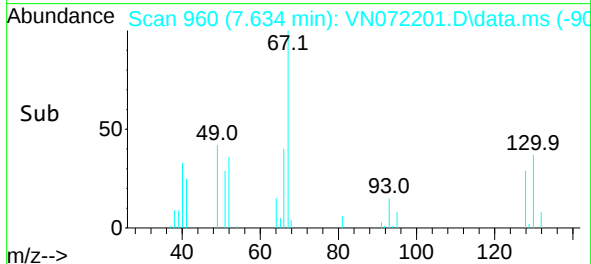
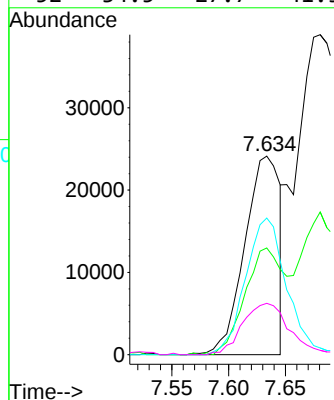
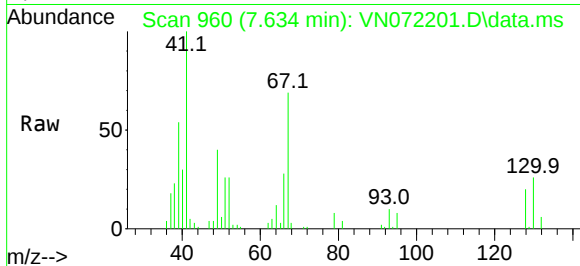




#41
Methacrylonitrile
Concen: 22.103 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

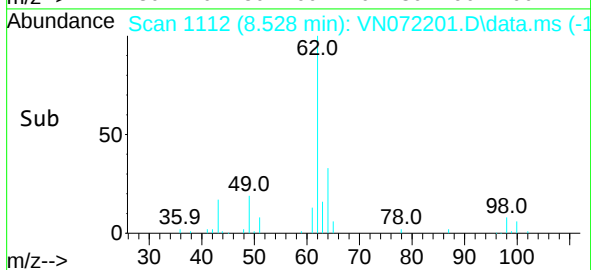
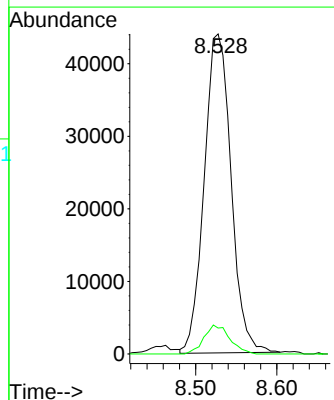
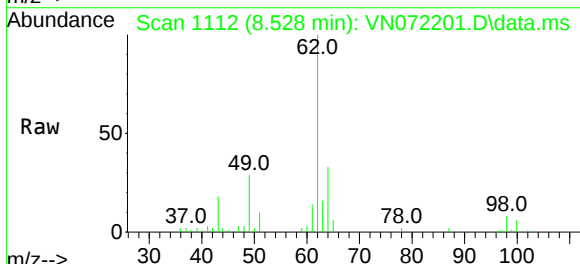
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

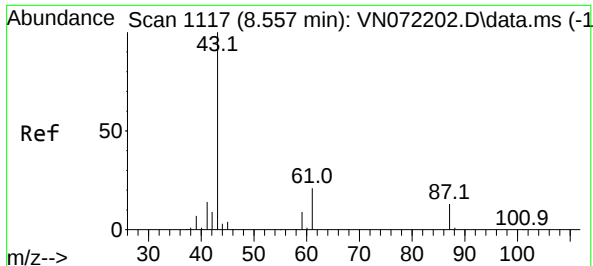
Tgt Ion:	41	Resp:	51946
Ion	Ratio	Lower	Upper
41	100		
39	59.0	48.6	73.0
67	82.0	73.4	110.2
52	34.5	27.7	41.5



#42
1,2-Dichloroethane
Concen: 21.898 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:	62	Resp:	101230
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.4

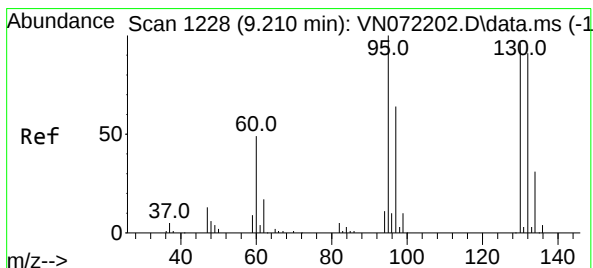
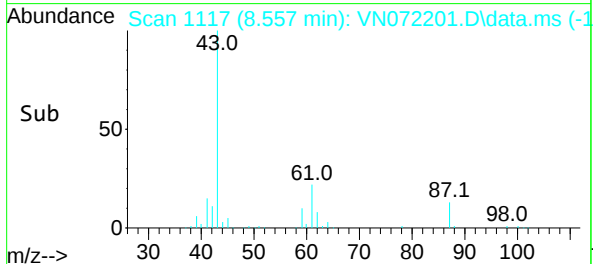
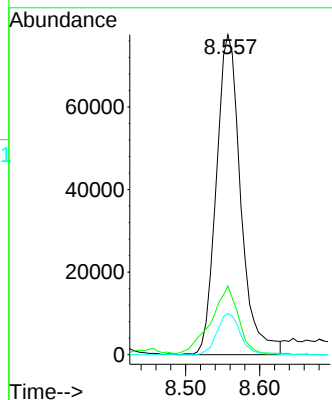
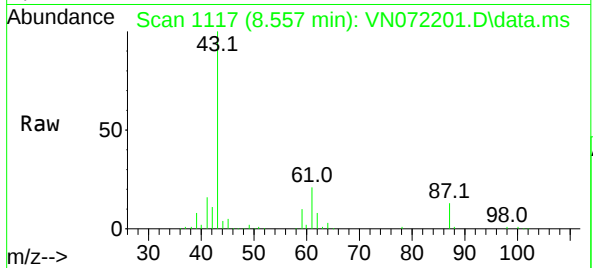




#43
Isopropyl Acetate
Concen: 22.775 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

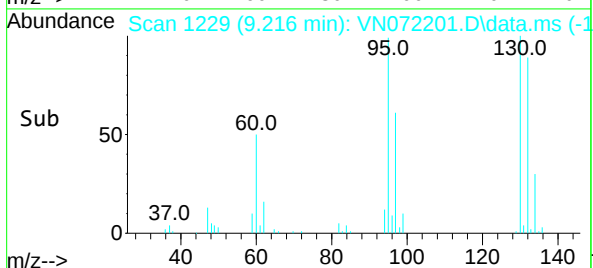
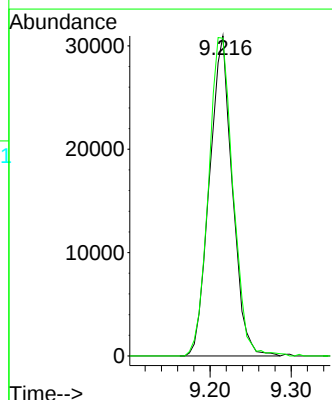
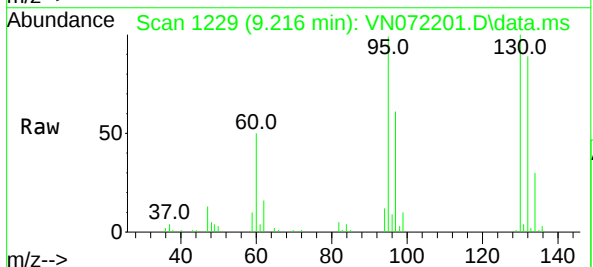
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

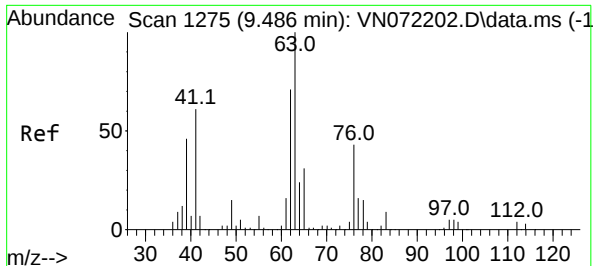
Tgt Ion: 43 Resp: 177573
Ion Ratio Lower Upper
43 100
61 24.7 21.9 32.9
87 12.2 12.0 18.0



#44
Trichloroethene
Concen: 18.311 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 130 Resp: 60464
Ion Ratio Lower Upper
130 100
95 99.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.507 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

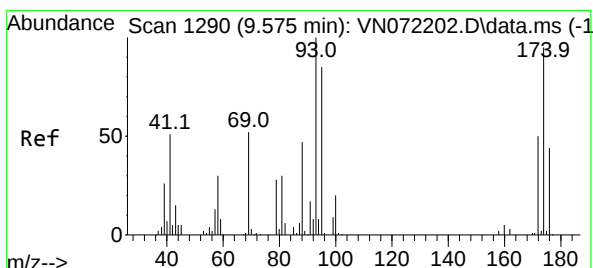
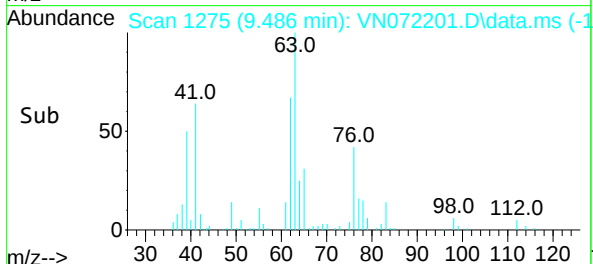
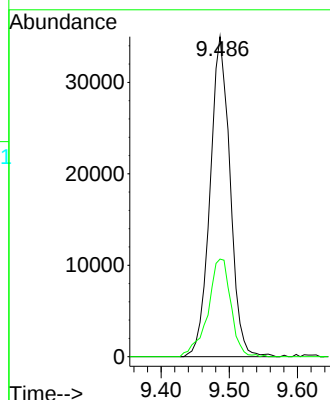
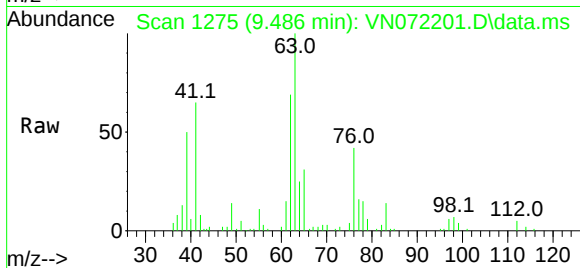
VSTDIC020

Tgt Ion: 63 Resp: 71440

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 20.841 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

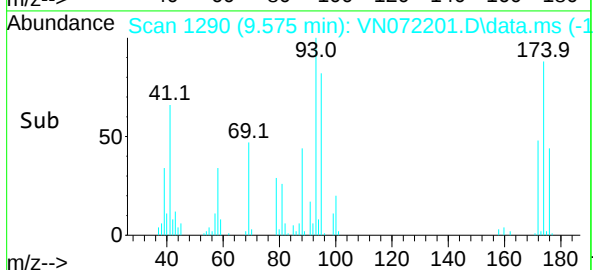
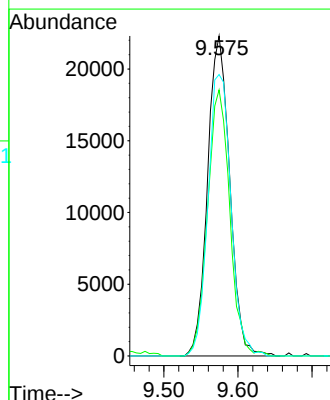
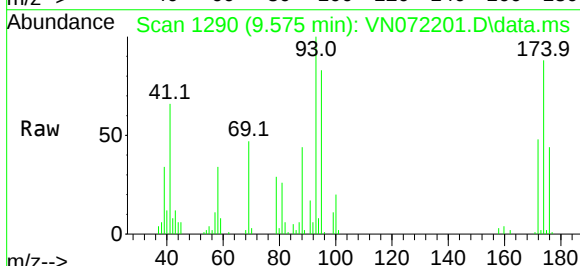
Tgt Ion: 93 Resp: 46377

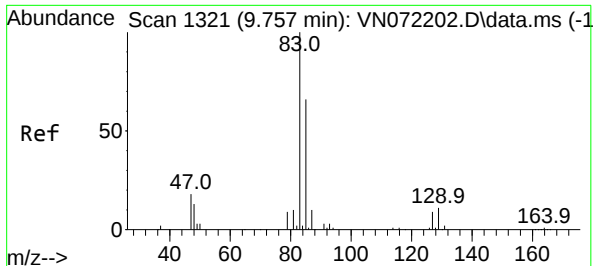
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

174 91.1 86.6 130.0

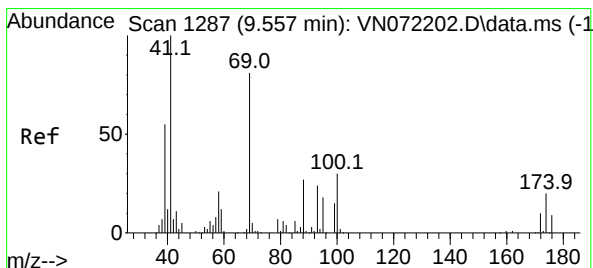
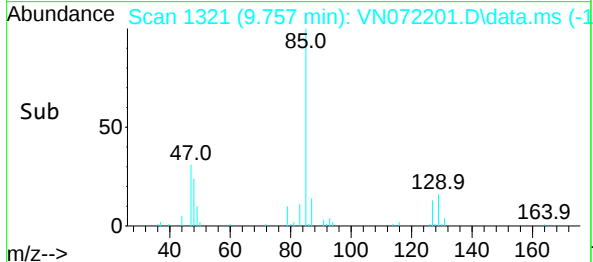
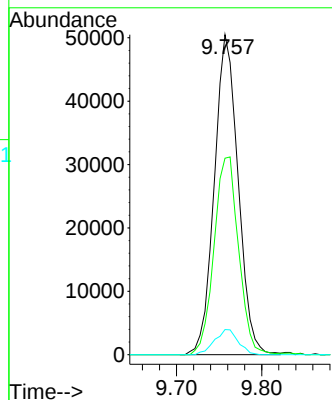
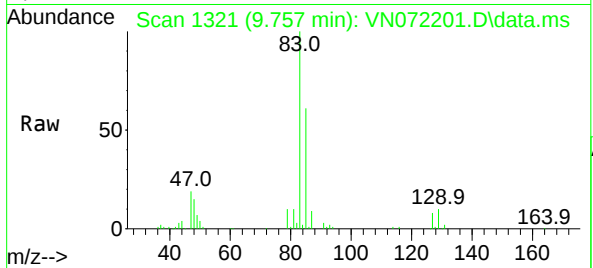




#47
Bromodichloromethane
Concen: 22.151 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

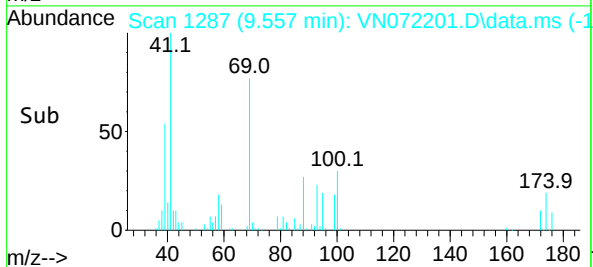
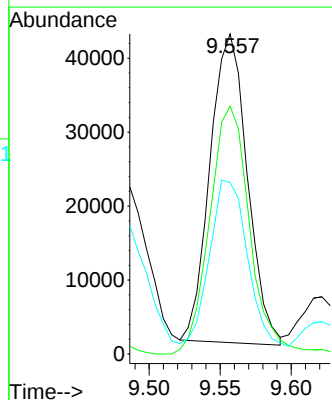
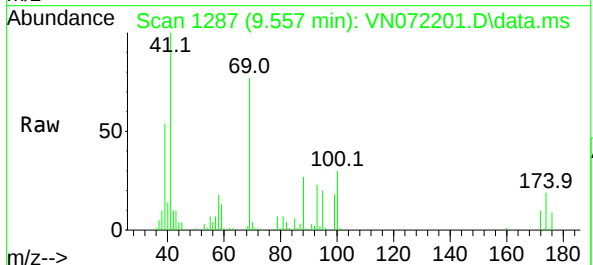
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

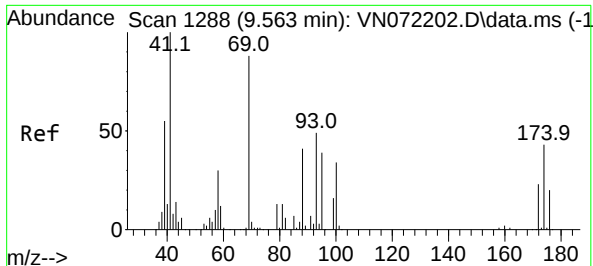
Tgt Ion: 83 Resp: 97935
Ion Ratio Lower Upper
83 100
85 61.4 50.5 75.7
127 7.8 6.8 10.2



#48
Methyl methacrylate
Concen: 23.223 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 41 Resp: 76253
Ion Ratio Lower Upper
41 100
69 86.8 74.7 112.1
39 59.6 45.6 68.4

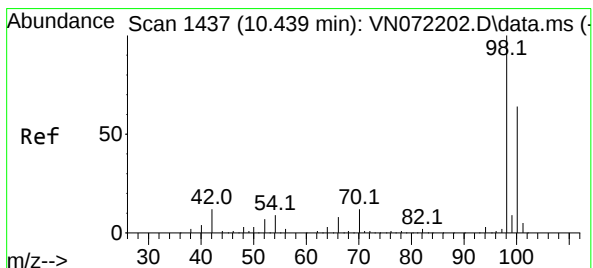
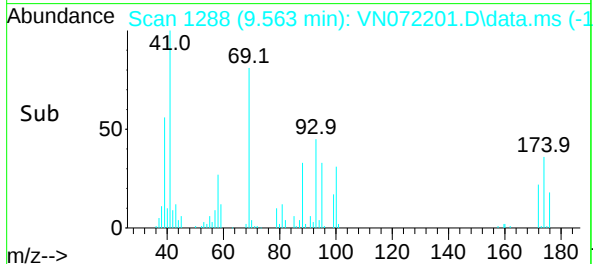
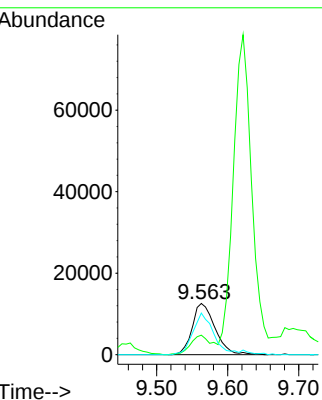
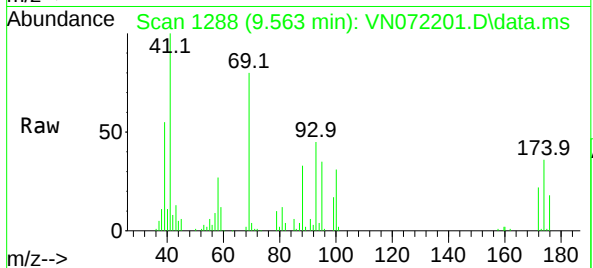




#49
1,4-Dioxane
Concen: 352.210 ug/l
RT: 9.563 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

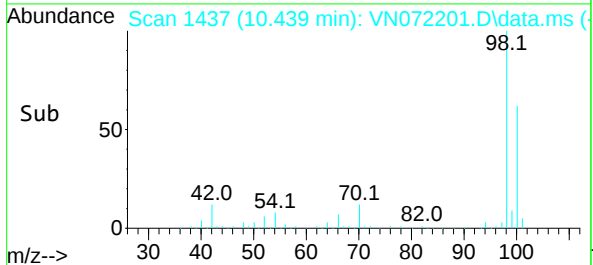
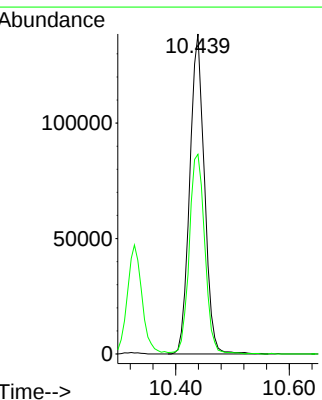
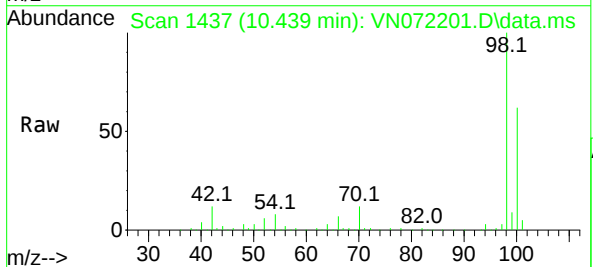
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

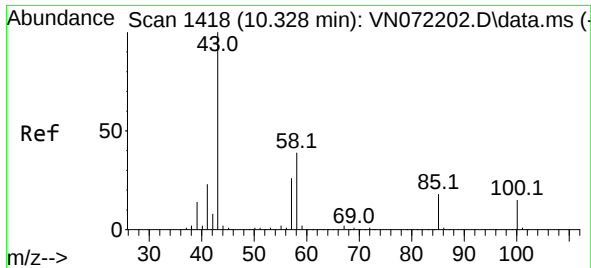
Tgt Ion: 88 Resp: 28160
Ion Ratio Lower Upper
88 100
43 29.0 20.2 30.4
58 73.6 54.2 81.4



#50
Toluene-d8
Concen: 20.458 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 98 Resp: 248979
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

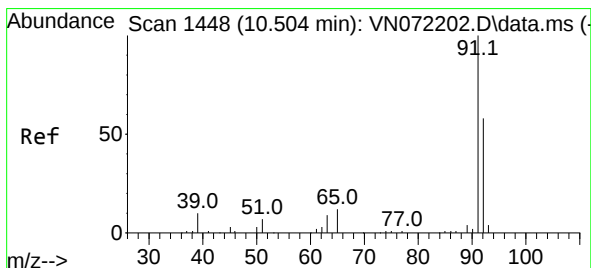
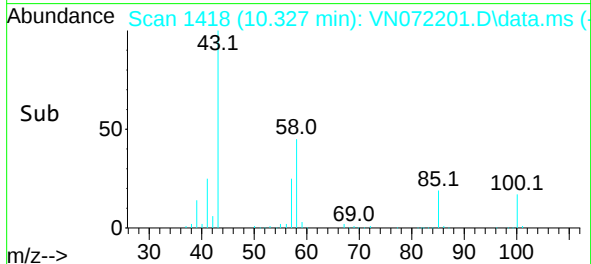
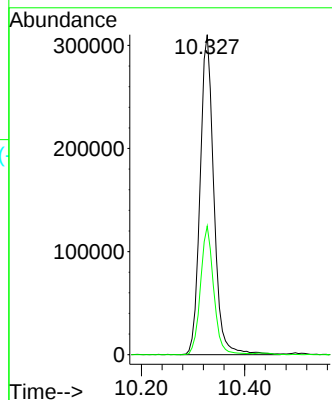
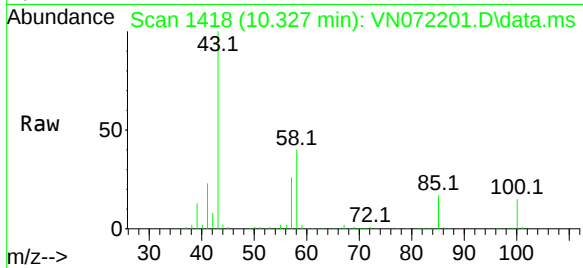




#51
4-Methyl-2-Pentanone
Concen: 126.650 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

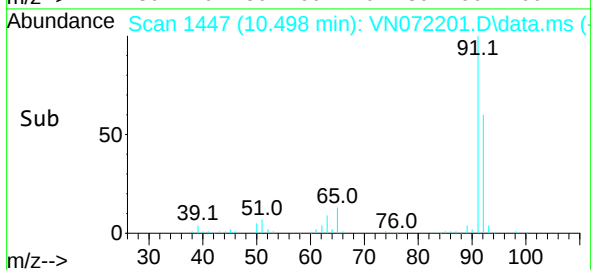
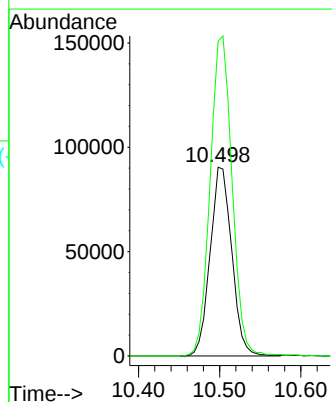
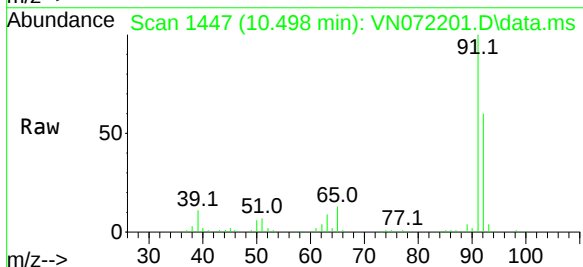
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

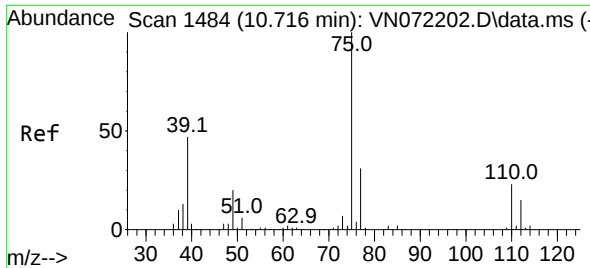
Tgt Ion: 43 Resp: 573643
Ion Ratio Lower Upper
43 100
58 38.7 34.1 51.1



#52
Toluene
Concen: 20.288 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 92 Resp: 167555
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8

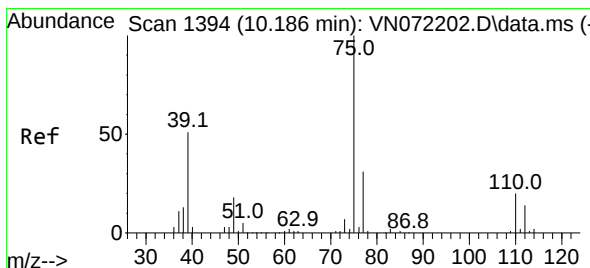
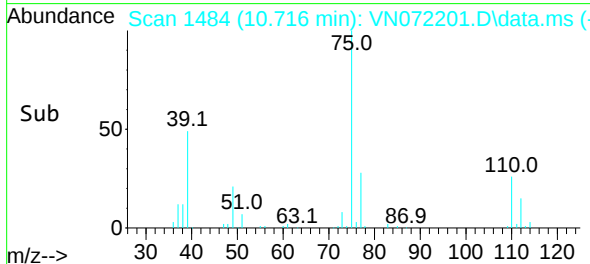
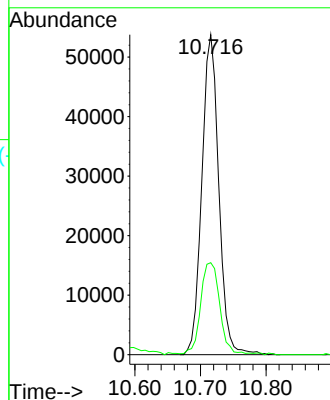
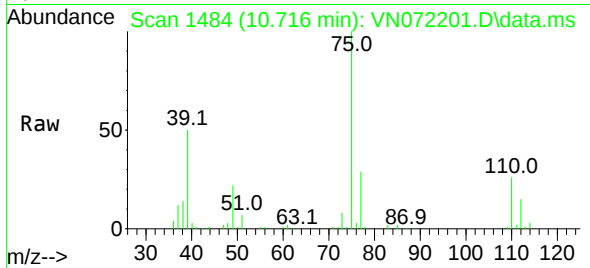




#53
t-1,3-Dichloropropene
Concen: 20.940 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

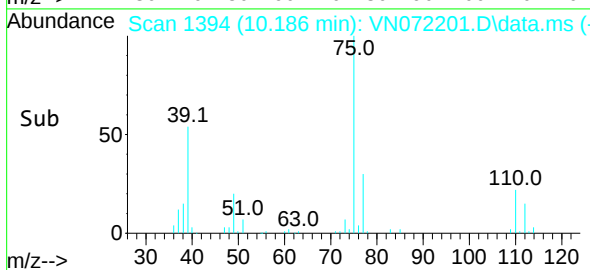
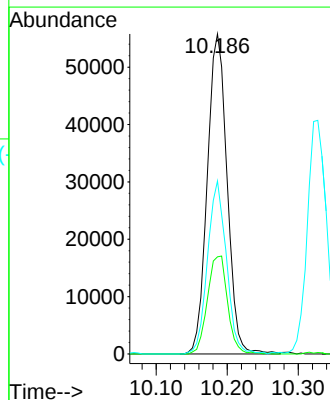
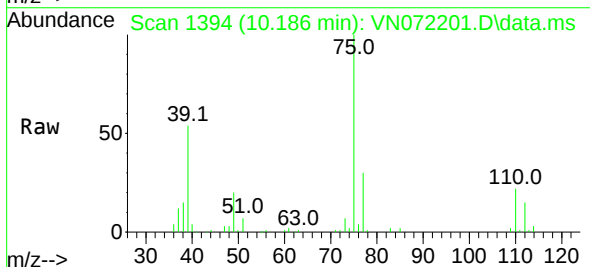
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

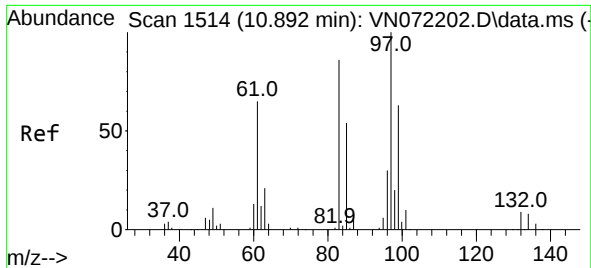
Tgt Ion: 75 Resp: 96698
Ion Ratio Lower Upper
75 100
77 28.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 21.301 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 75 Resp: 108279
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8
39 54.1 35.7 53.5#

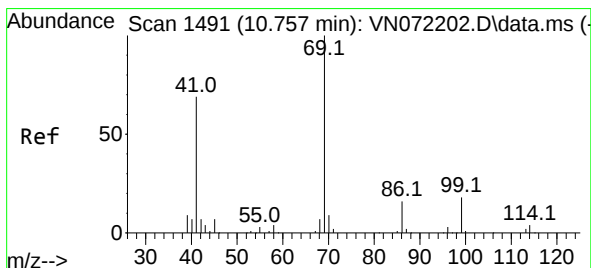
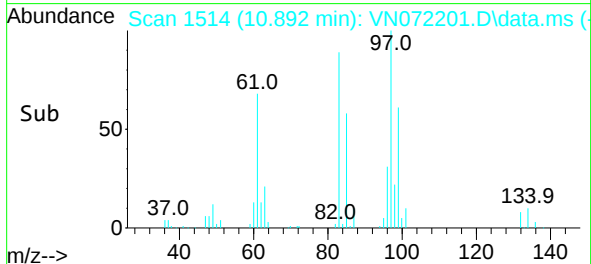
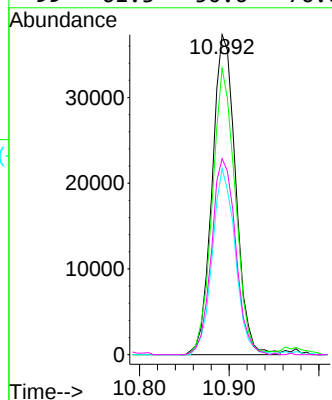
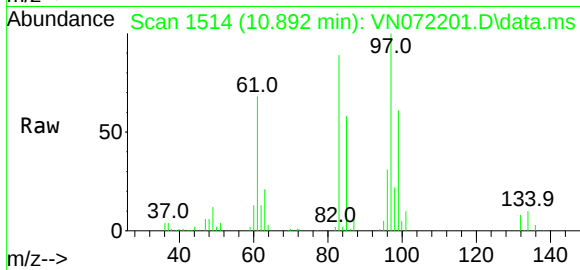




#55
1,1,2-Trichloroethane
Concen: 20.011 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

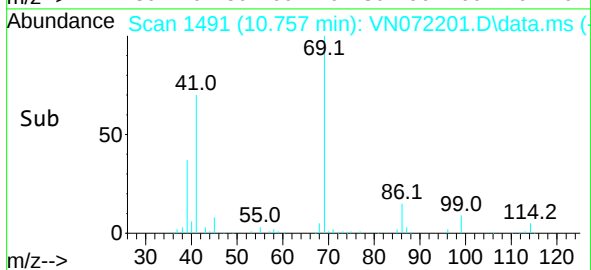
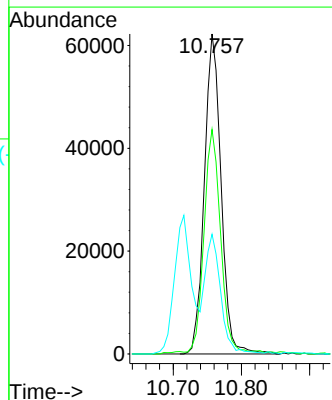
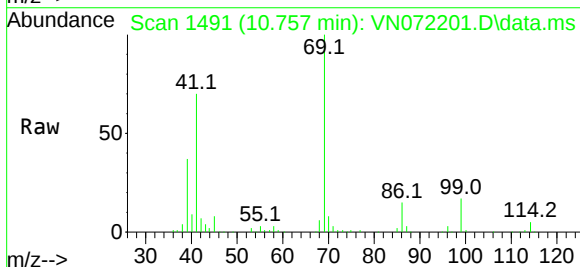
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

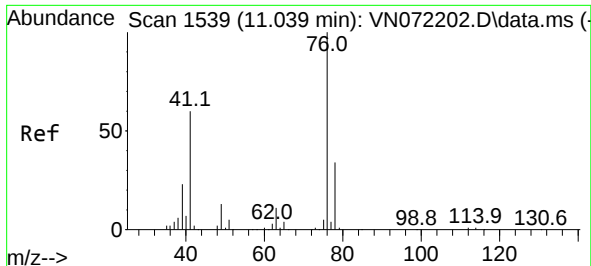
Tgt Ion:	97	Resp:	67904
Ion	Ratio	Lower	Upper
97	100		
83	89.5	66.2	99.4
85	58.1	43.9	65.9
99	61.3	50.6	76.0



#56
Ethyl methacrylate
Concen: 21.619 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:	69	Resp:	106214
Ion	Ratio	Lower	Upper
69	100		
41	70.5	47.8	71.6
39	34.2	27.3	40.9





#57

1,3-Dichloropropane

Concen: 21.150 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

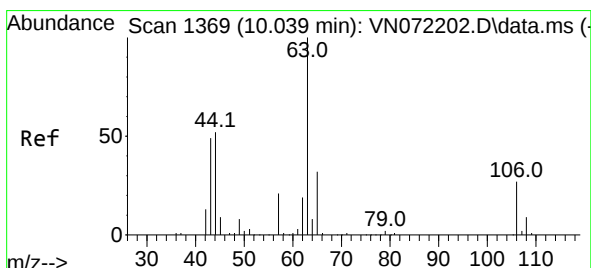
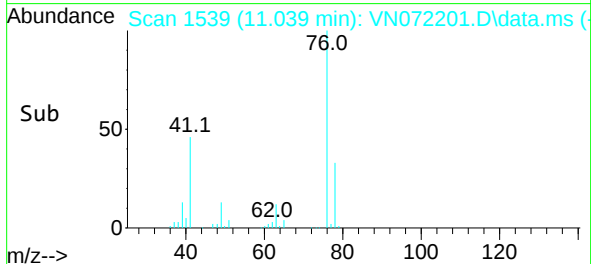
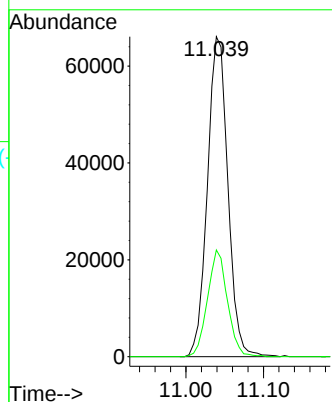
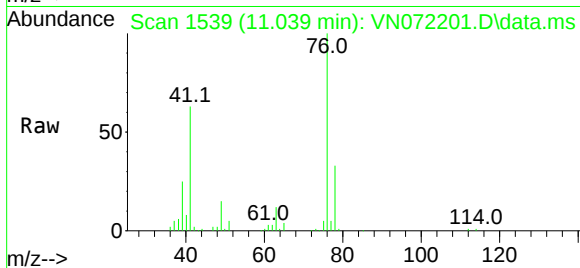
VSTDIC020

Tgt Ion: 76 Resp: 121111

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 112.688 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VN072201.D

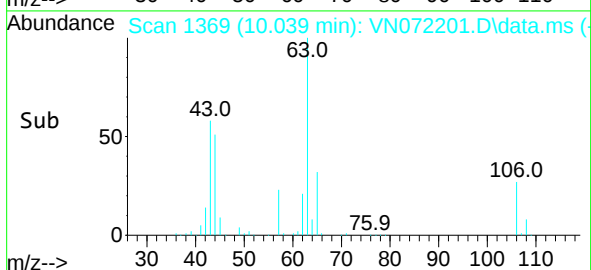
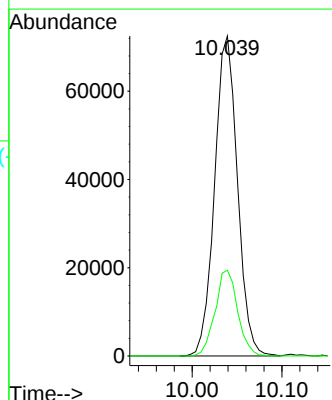
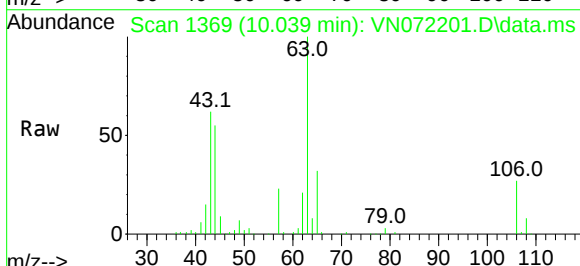
Acq: 26 Apr 2022 16:01

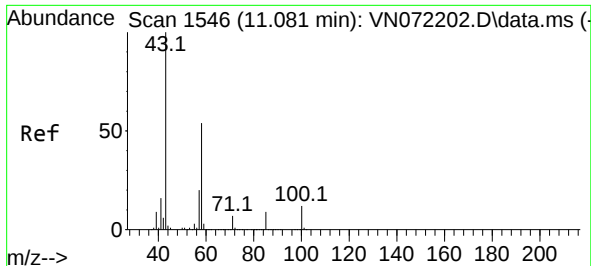
Tgt Ion: 63 Resp: 128135

Ion Ratio Lower Upper

63 100

106 26.4 24.6 36.8

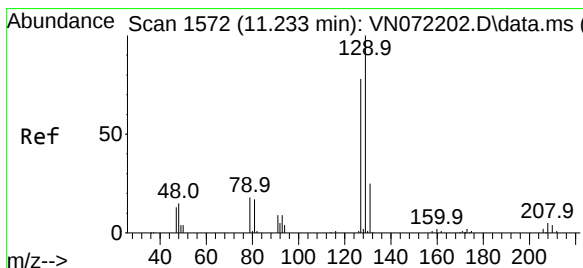
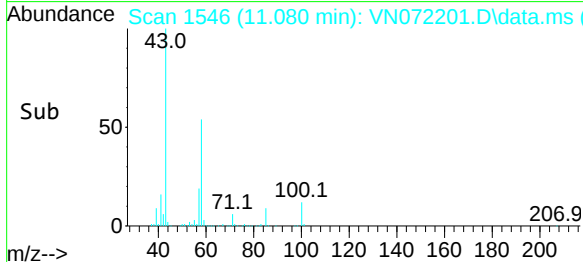
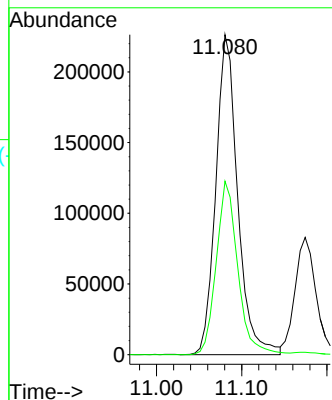
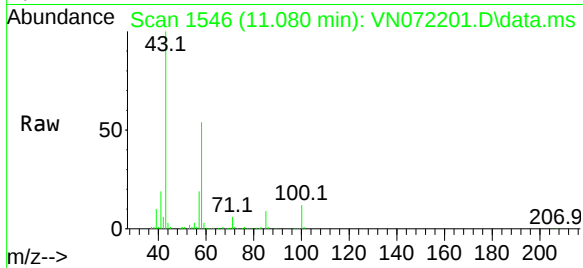




#59
2-Hexanone
Concen: 126.476 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

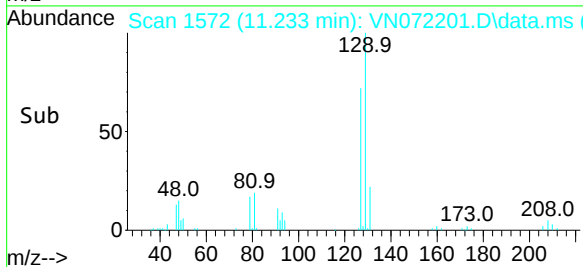
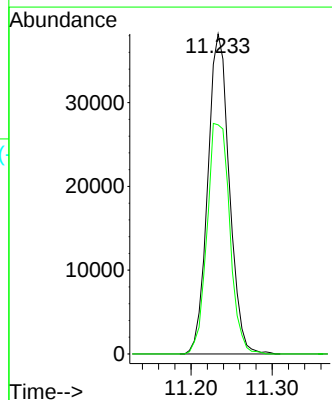
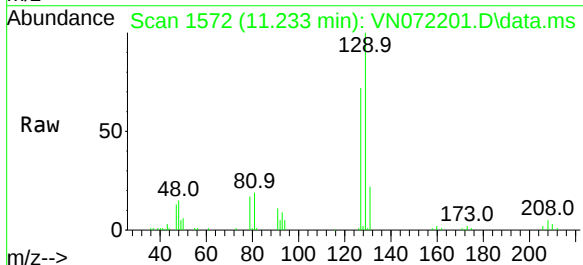
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

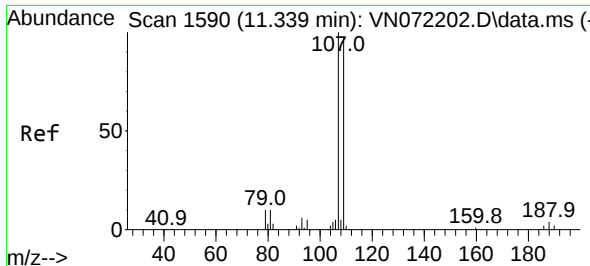
Tgt Ion: 43 Resp: 403761
Ion Ratio Lower Upper
43 100
58 53.4 29.7 89.1



#60
Dibromochloromethane
Concen: 21.205 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 129 Resp: 70412
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.4

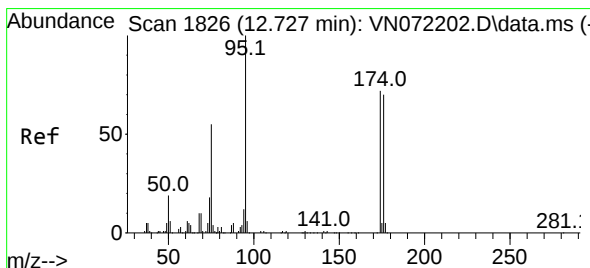
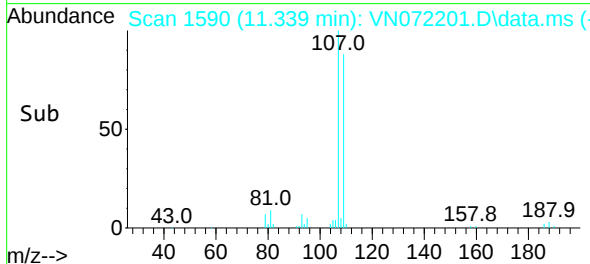
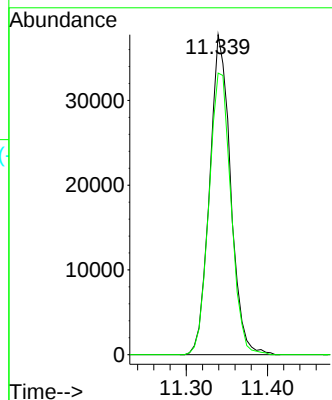
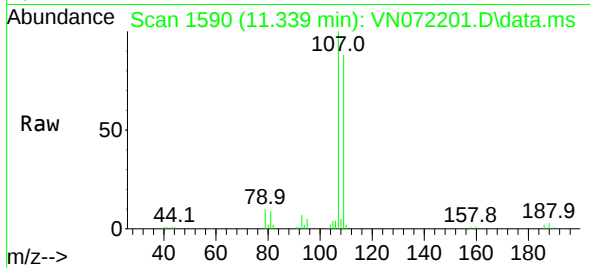




#61
1,2-Dibromoethane
Concen: 20.324 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

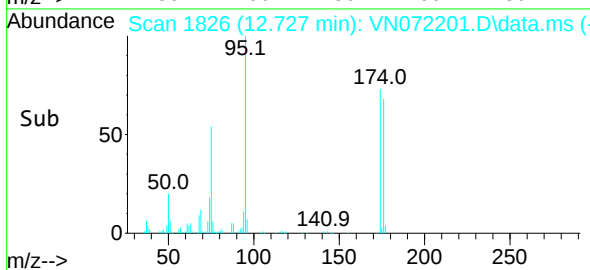
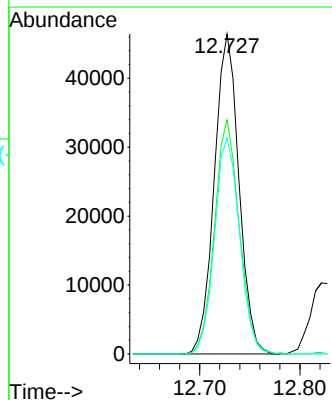
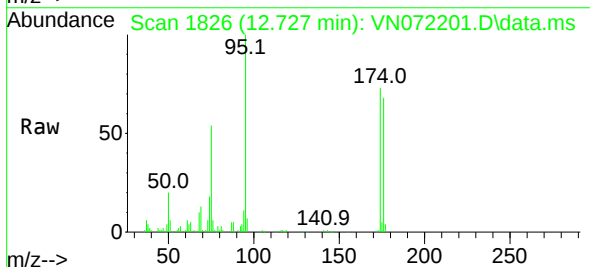
Instrument :
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ClientSampleId :
VSTDIC020

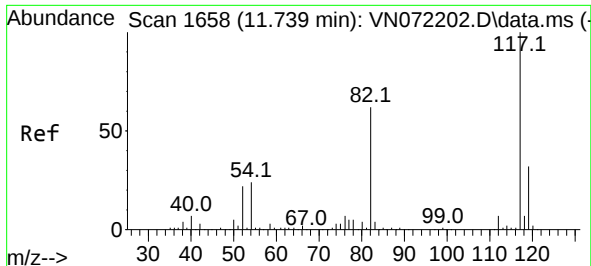
Tgt Ion:107 Resp: 67767
Ion Ratio Lower Upper
107 100
109 92.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 20.014 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 95 Resp: 79142
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 68.6 0.0 163.4

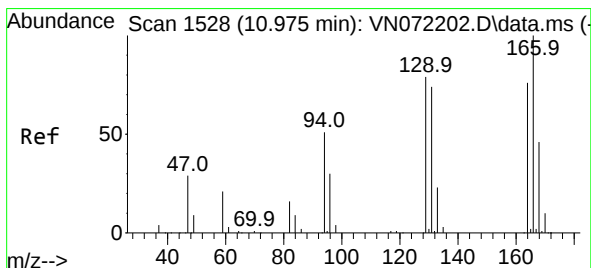
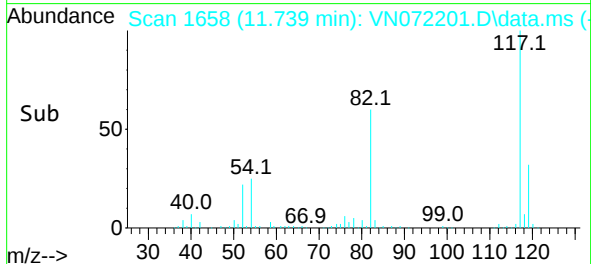
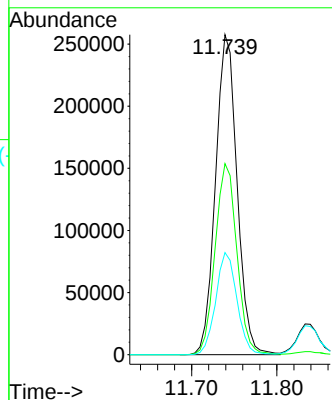
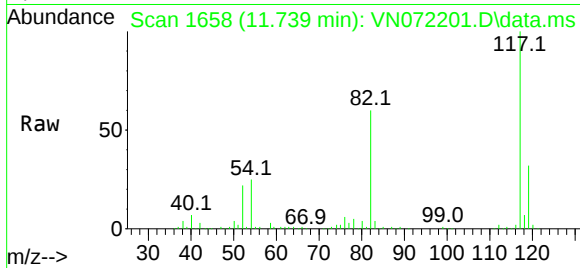




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

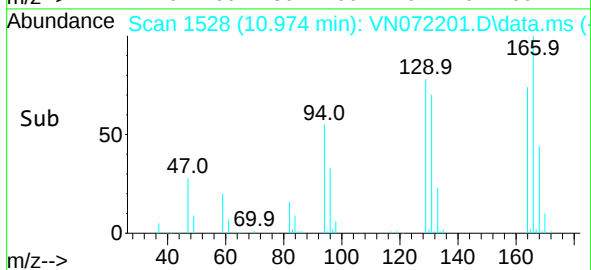
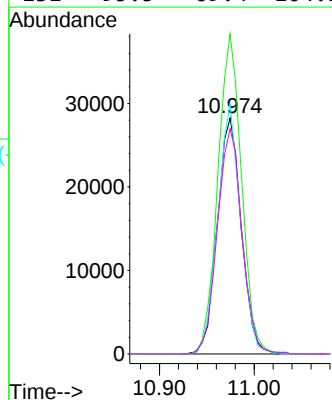
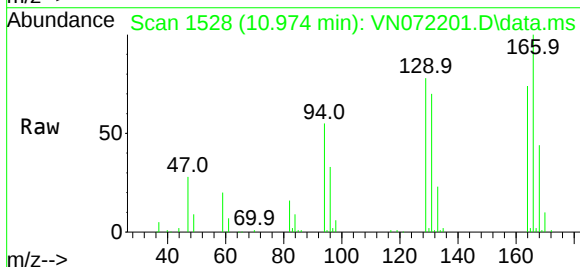
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

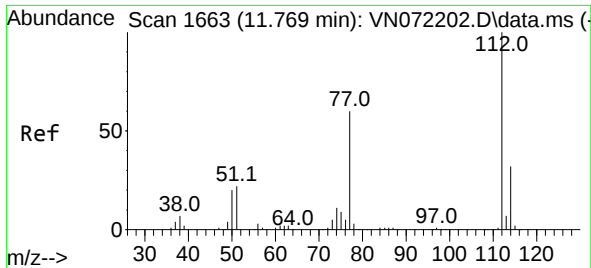
Tgt Ion:117 Resp: 453275
Ion Ratio Lower Upper
117 100
82 59.7 44.2 66.2
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 16.996 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:164 Resp: 49712
Ion Ratio Lower Upper
164 100
166 135.7 104.2 156.2
129 105.9 73.9 110.9
131 95.5 69.4 104.2

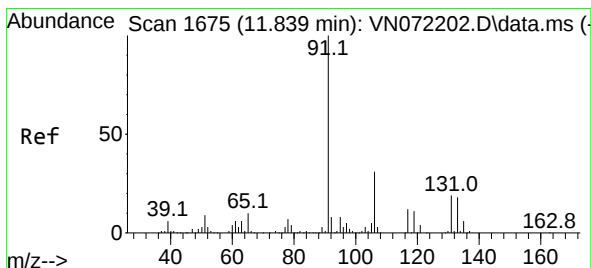
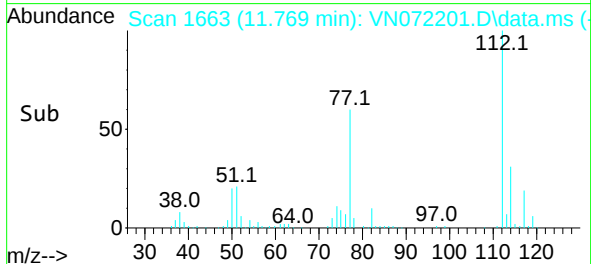
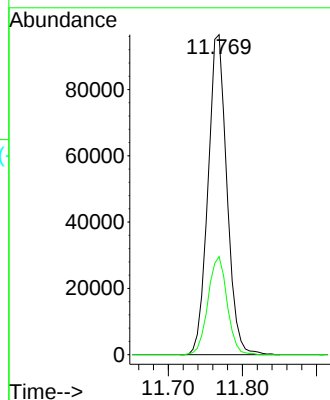
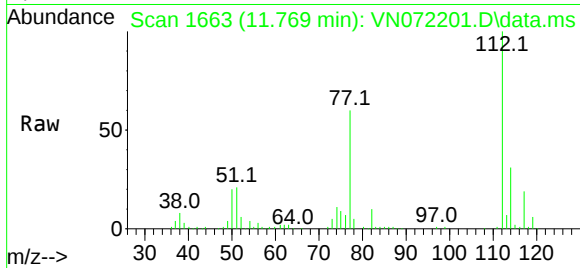




#65
Chlorobenzene
Concen: 18.972 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

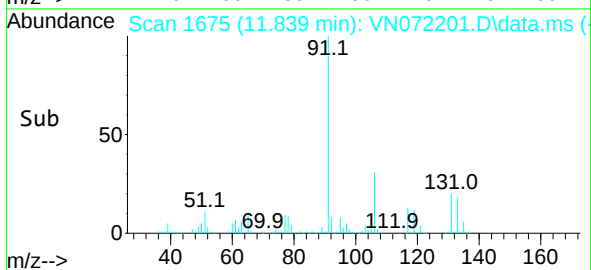
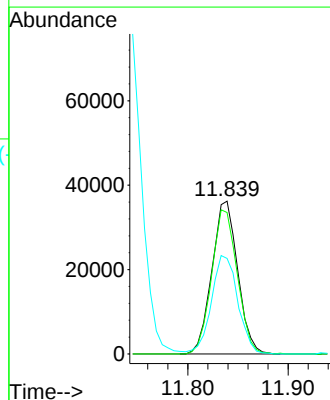
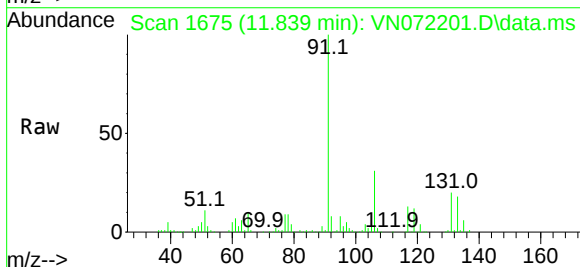
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

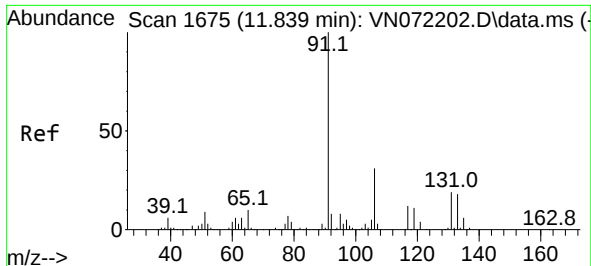
Tgt Ion:112 Resp: 170494
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.793 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:131 Resp: 64721
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 65.7 33.4 100.2

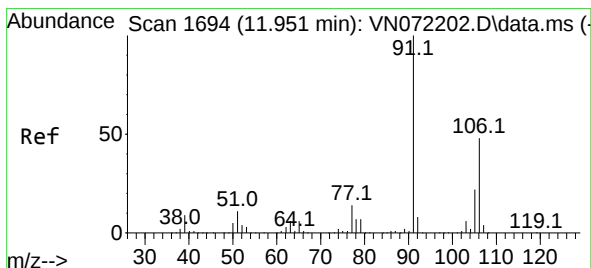
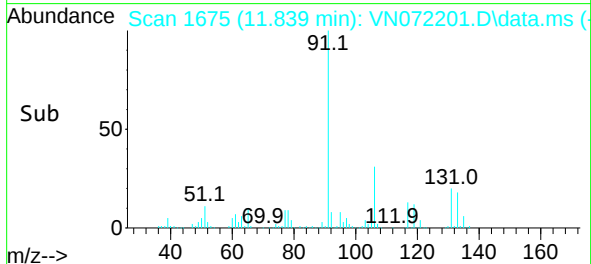
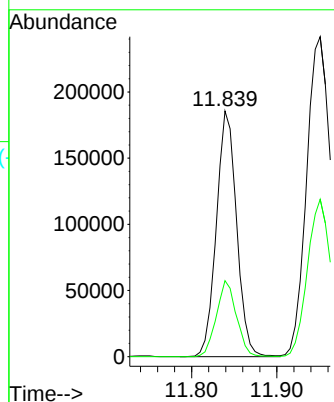
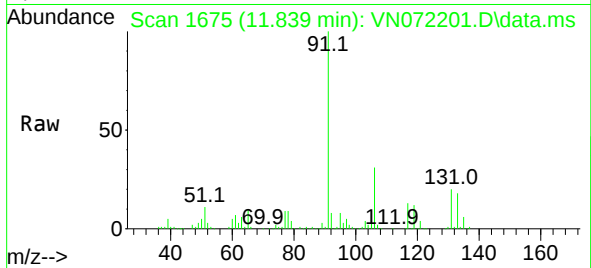




#67
Ethyl Benzene
Concen: 19.965 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

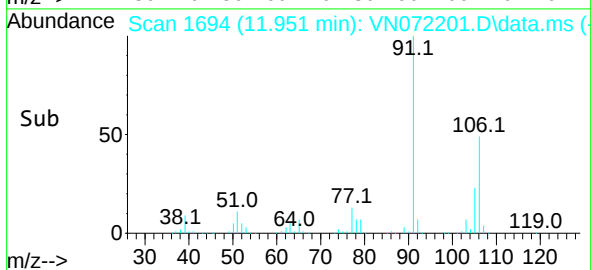
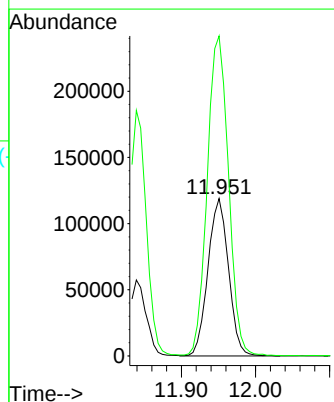
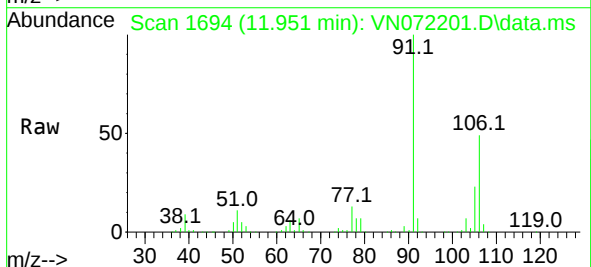
Instrument :
MSVOA_N
ClientSampleId :
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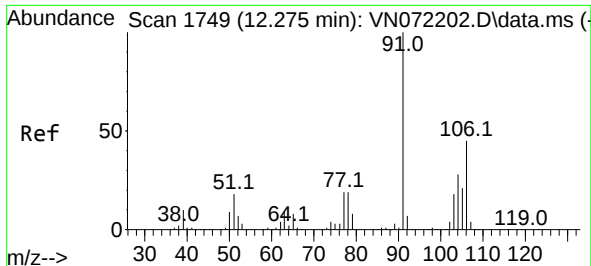
Tgt Ion: 91 Resp: 306514
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 39.197 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 106 Resp: 229426
Ion Ratio Lower Upper
106 100
91 210.1 158.9 238.3

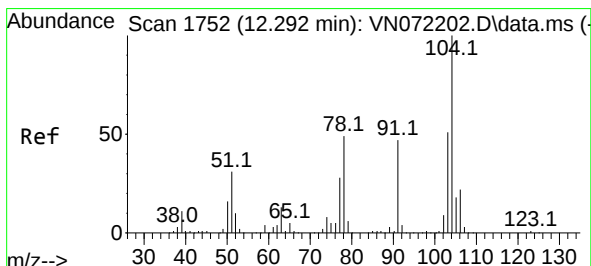
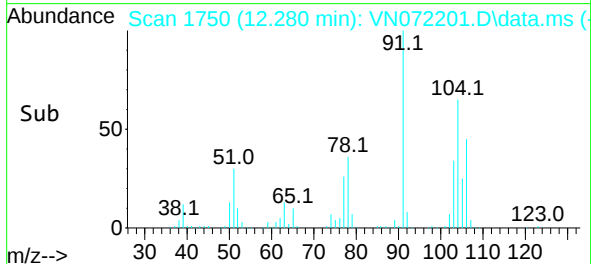
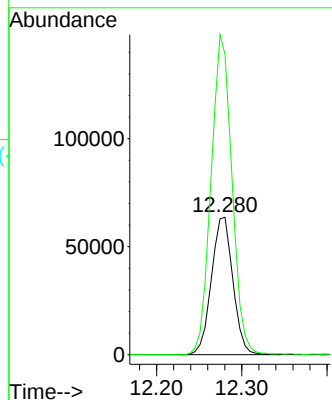
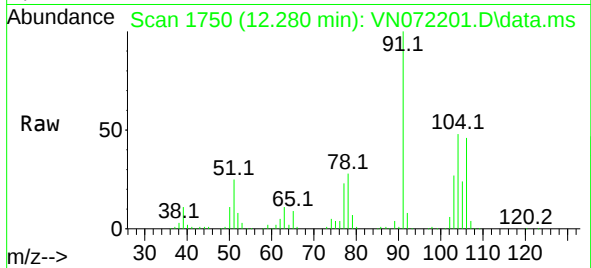




#69
o-Xylene
Concen: 19.153 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

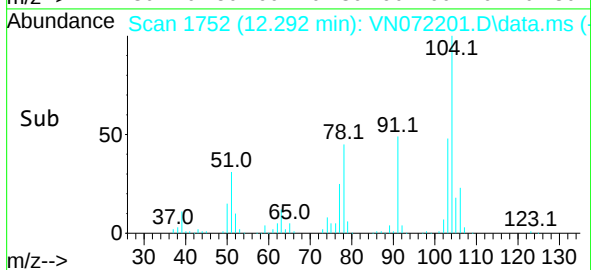
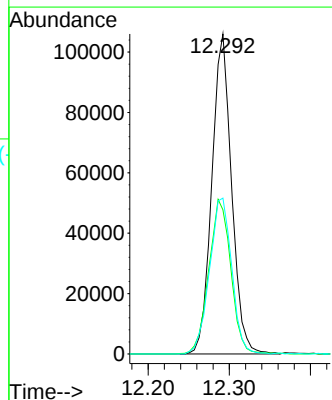
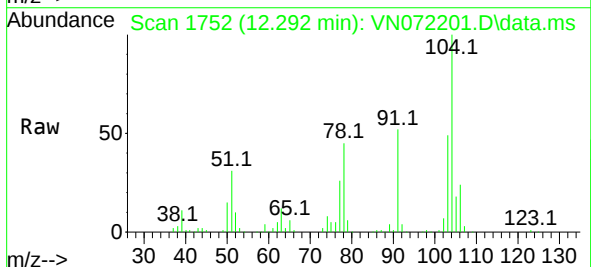
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

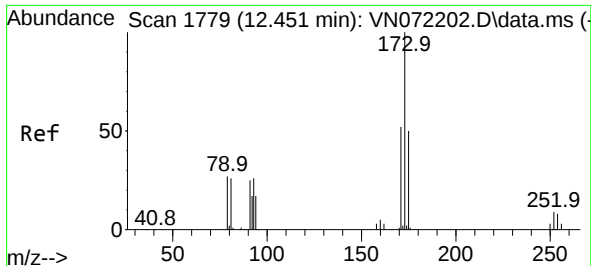
Tgt Ion:106 Resp: 111309
Ion Ratio Lower Upper
106 100
91 226.7 106.0 318.0



#70
Styrene
Concen: 20.351 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:104 Resp: 179156
Ion Ratio Lower Upper
104 100
78 53.9 39.5 59.3
103 54.6 44.0 66.0

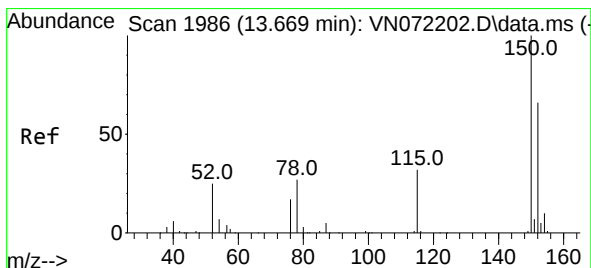
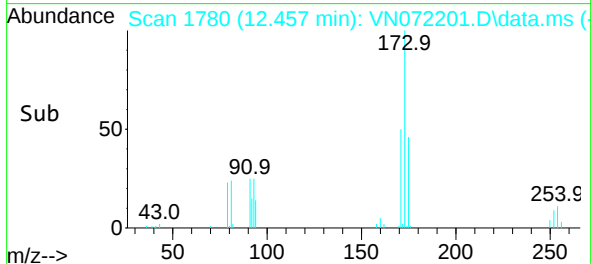
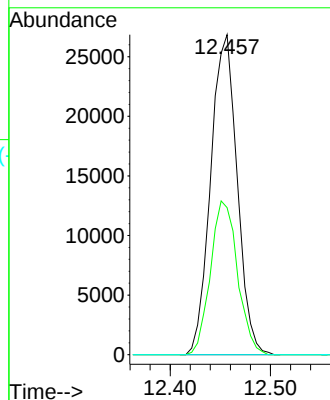
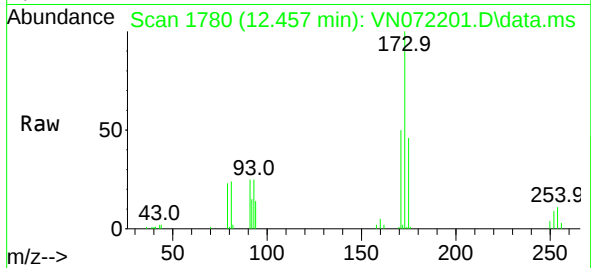




#71
Bromoform
Concen: 20.081 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

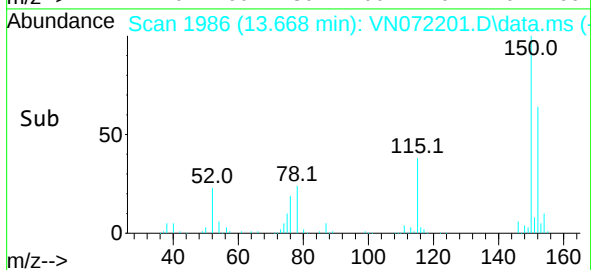
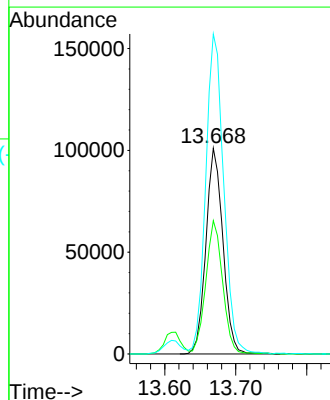
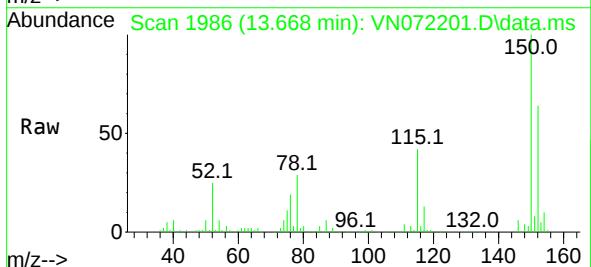
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

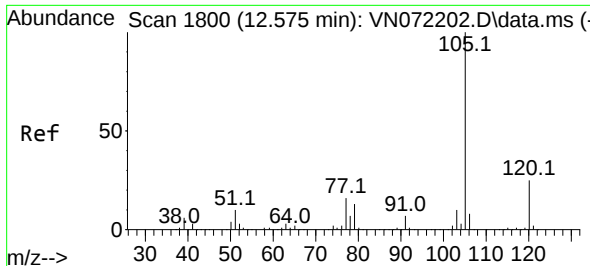
Tgt Ion:173 Resp: 49298
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:152 Resp: 168524
Ion Ratio Lower Upper
152 100
115 63.7 28.9 86.7
150 164.1 0.0 356.2

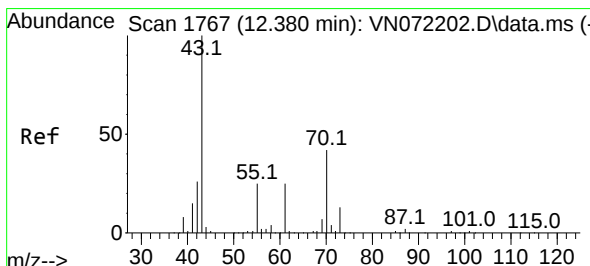
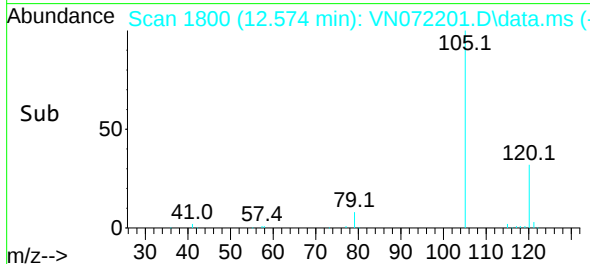
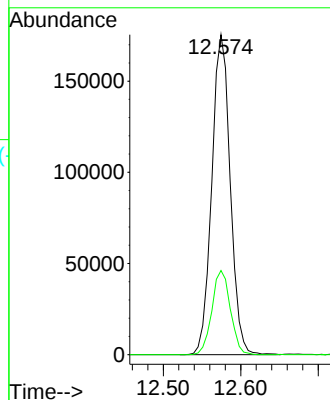
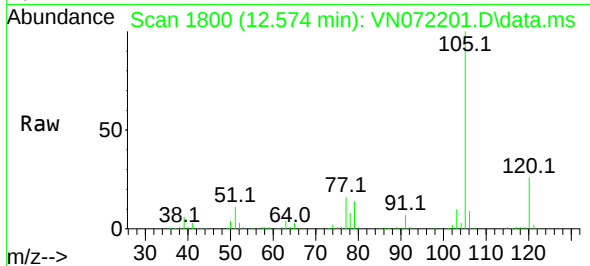




#73
Isopropylbenzene
Concen: 20.370 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

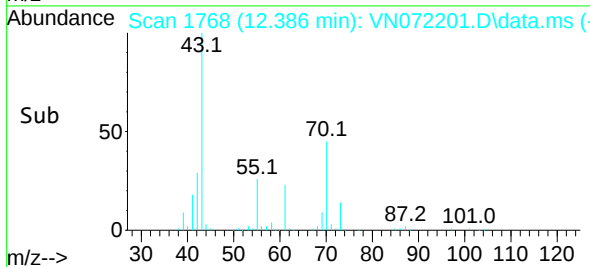
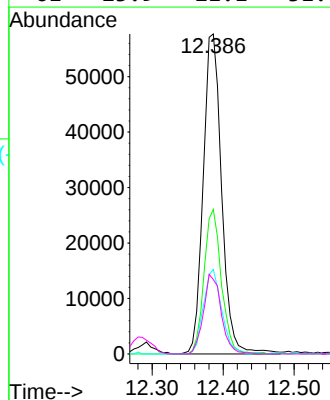
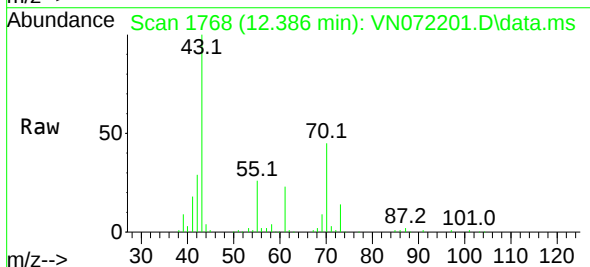
Instrument :
MSVOA_N
ClientSampleId :
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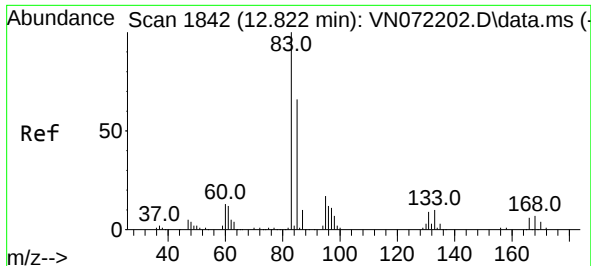
Tgt Ion:105 Resp: 290265
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4



#74
N-ethyl acetate
Concen: 24.638 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 43 Resp: 104526
Ion Ratio Lower Upper
43 100
70 42.3 39.0 58.4
55 26.1 21.1 31.7
61 23.9 21.1 31.7

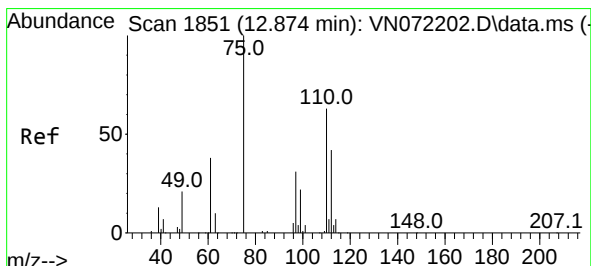
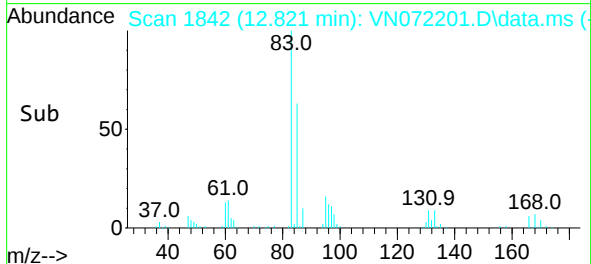
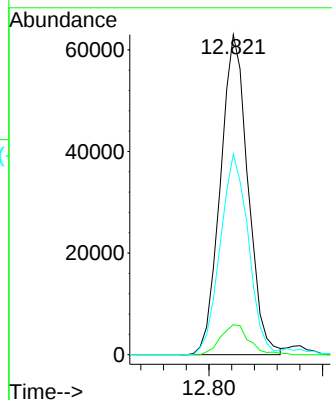
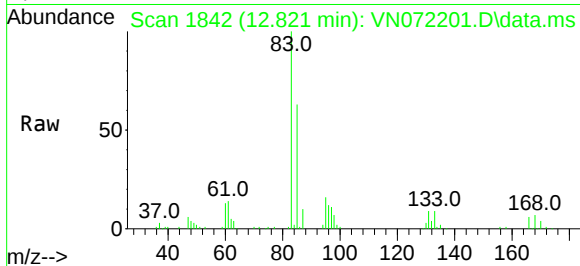




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.105 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

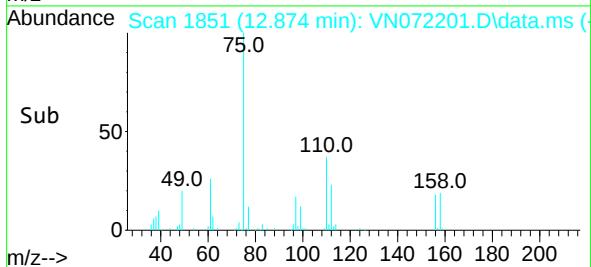
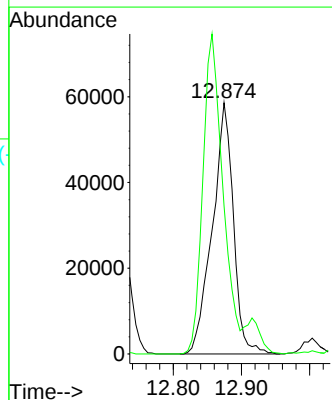
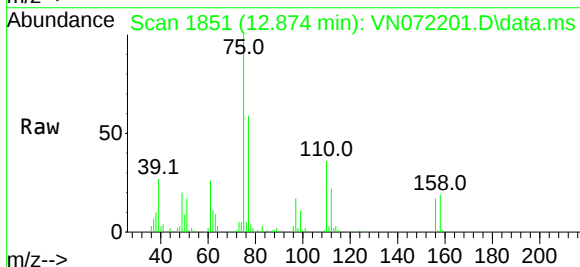
Instrument :
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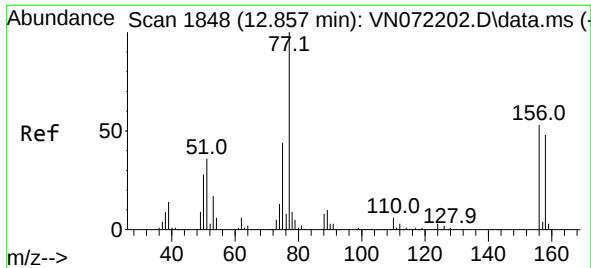
Tgt Ion: 83 Resp: 106002
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.3 15.9
 85 64.1 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 31.352 ug/l
 RT: 12.874 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

Tgt Ion: 75 Resp: 125959
 Ion Ratio Lower Upper
 75 100
 77 120.4 98.5 295.5

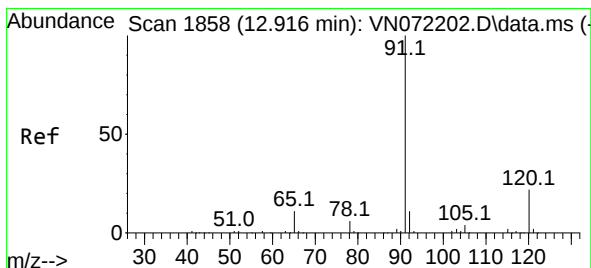
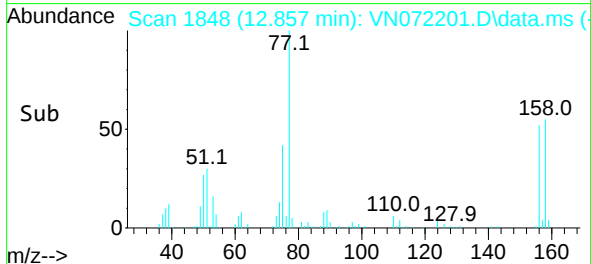
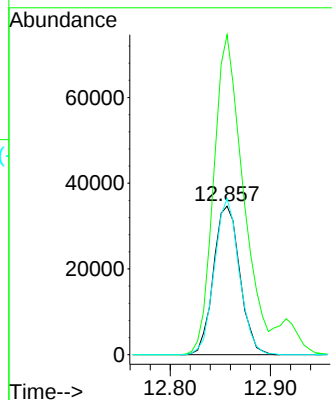
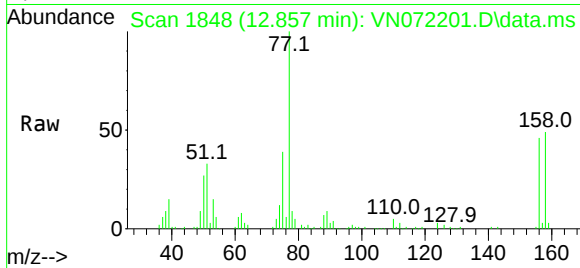




#77
Bromobenzene
Concen: 18.037 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

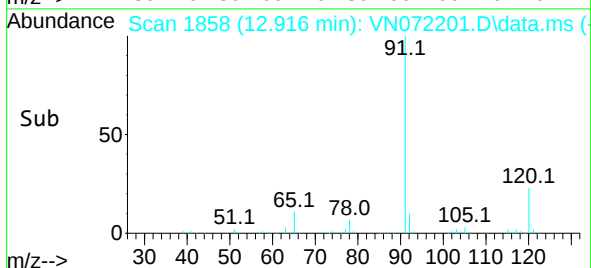
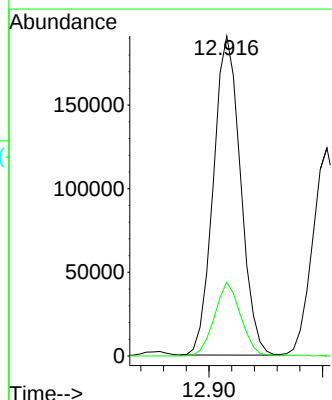
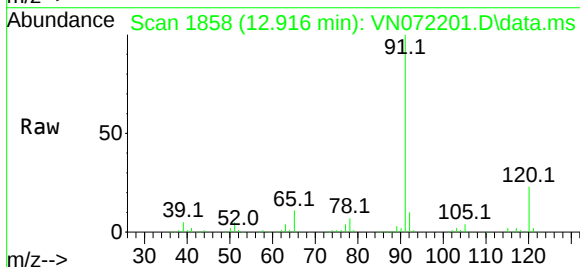
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

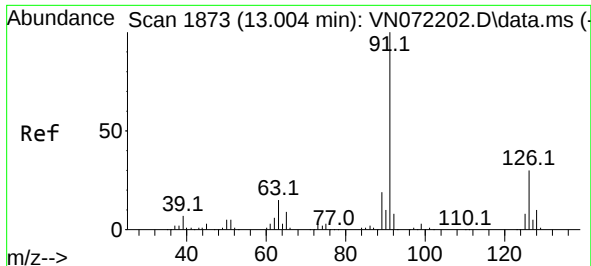
Tgt Ion:156 Resp: 63323
Ion Ratio Lower Upper
156 100
77 239.5 100.5 301.5
158 99.1 48.9 146.6



#78
n-propylbenzene
Concen: 21.042 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 91 Resp: 317010
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5

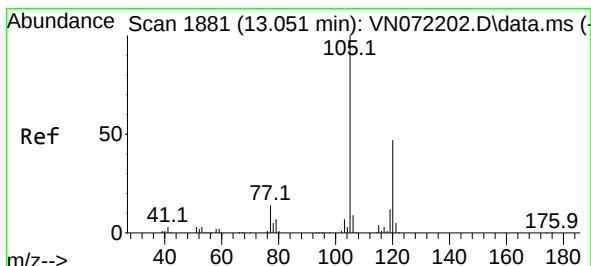
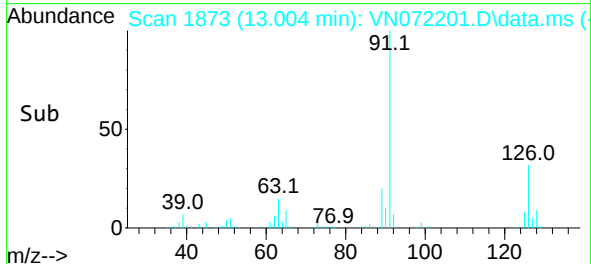
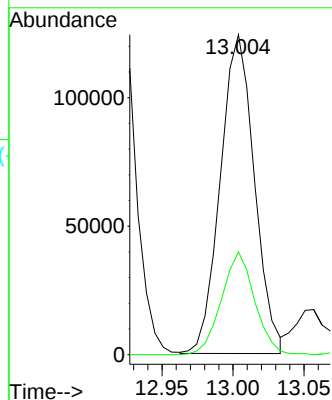
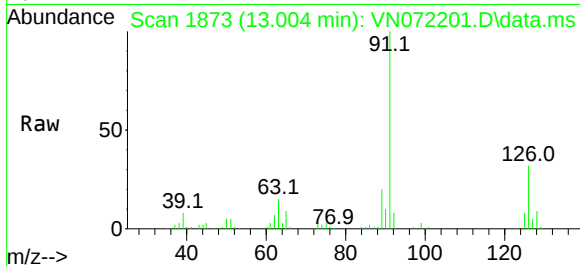




#79
2-Chlorotoluene
Concen: 21.361 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

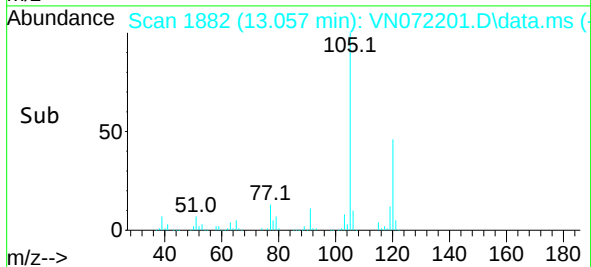
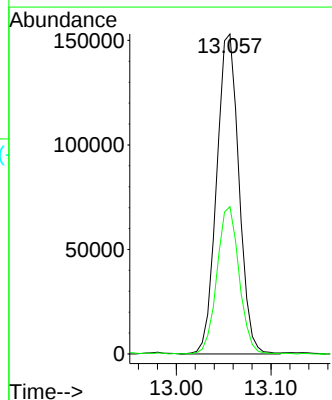
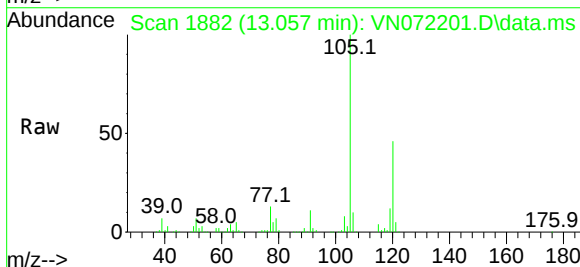
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

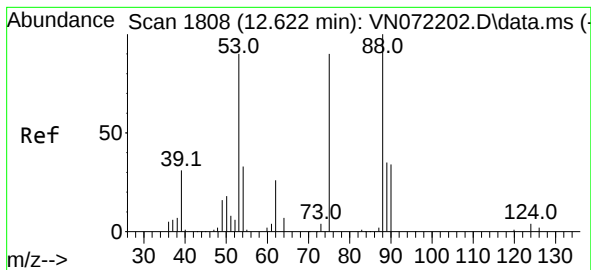
Tgt Ion: 91 Resp: 207042
Ion Ratio Lower Upper
91 100
126 31.4 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 22.046 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 105 Resp: 250705
Ion Ratio Lower Upper
105 100
120 45.7 24.9 74.7

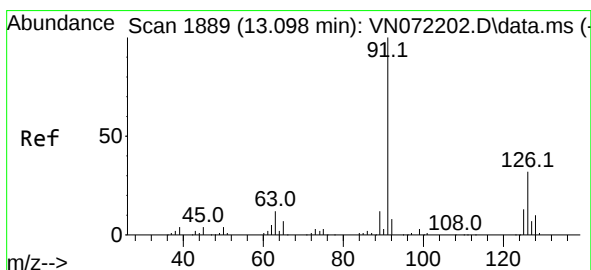
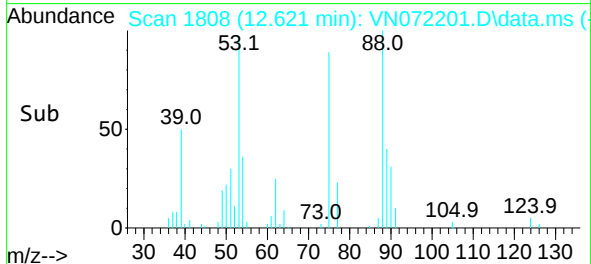
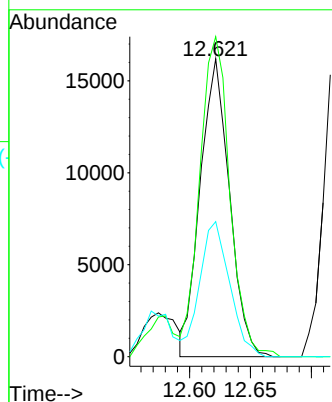
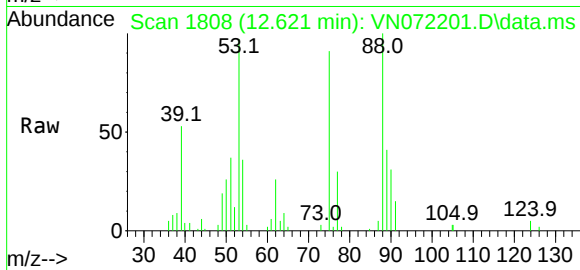




#81
trans-1,4-Dichloro-2-butene
Concen: 21.210 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

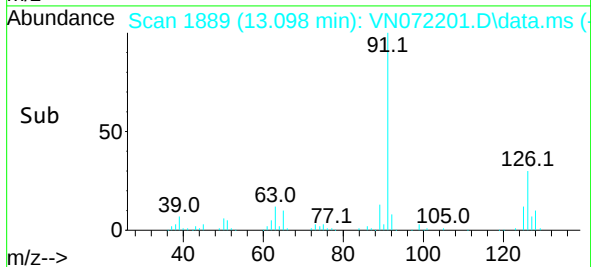
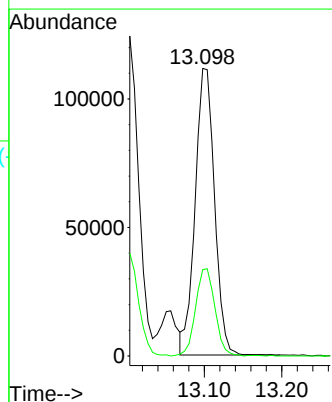
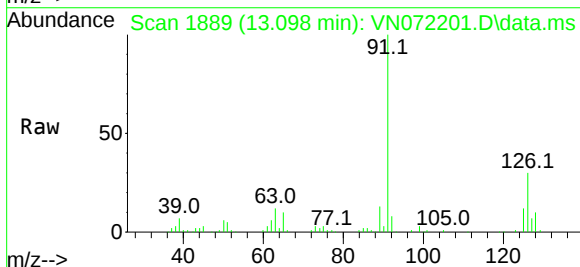
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

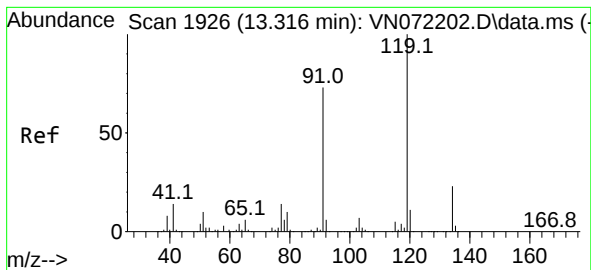
Tgt Ion: 75 Resp: 27126
Ion Ratio Lower Upper
75 100
53 110.0 78.0 117.0
89 46.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.511 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 91 Resp: 193320
Ion Ratio Lower Upper
91 100
126 30.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.179 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.006 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

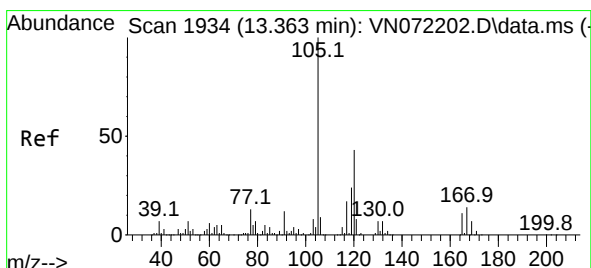
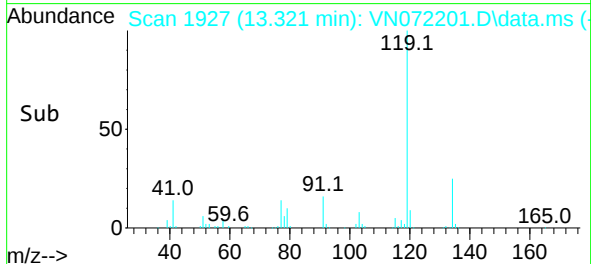
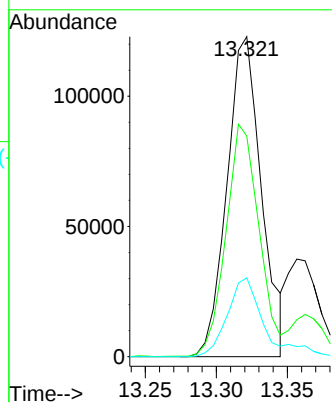
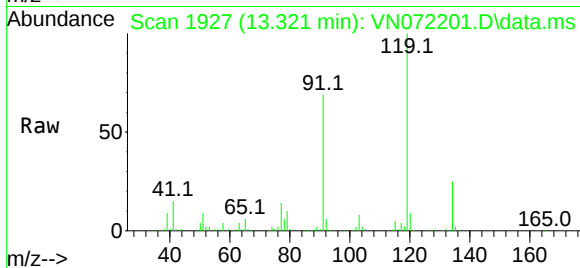
Tgt Ion:119 Resp: 207940

Ion Ratio Lower Upper

119 100

91 69.7 31.6 94.8

134 26.2 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 21.787 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072201.D

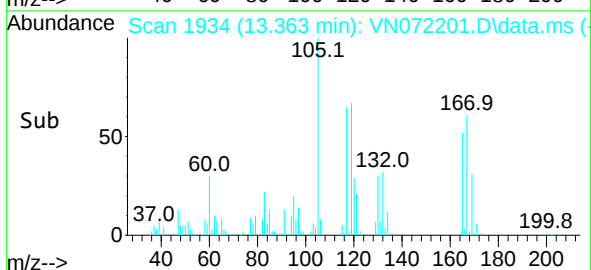
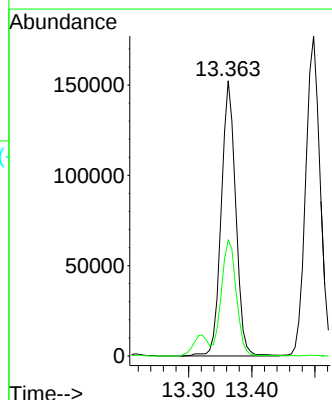
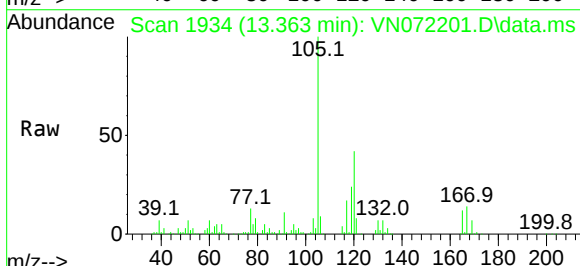
Acq: 26 Apr 2022 16:01

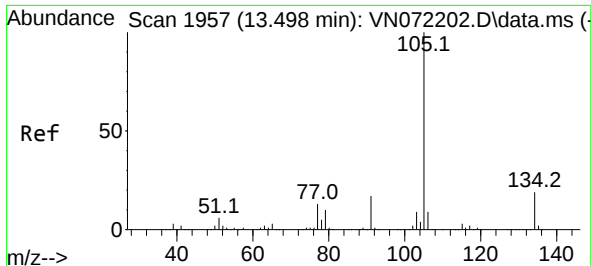
Tgt Ion:105 Resp: 242139

Ion Ratio Lower Upper

105 100

120 44.0 23.3 69.8

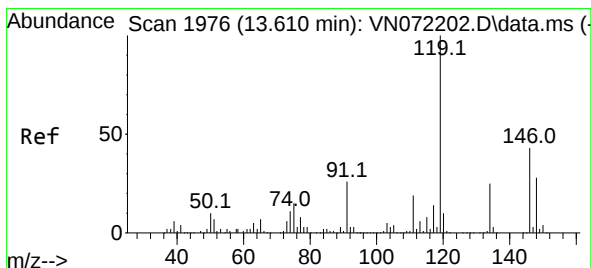
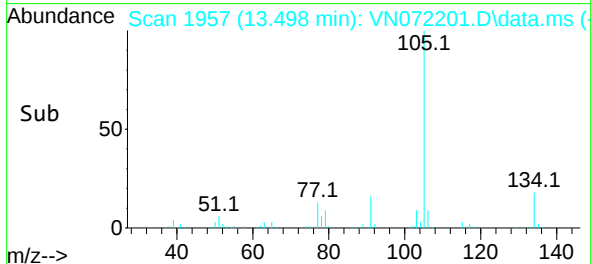
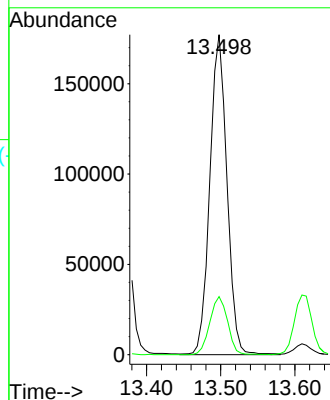
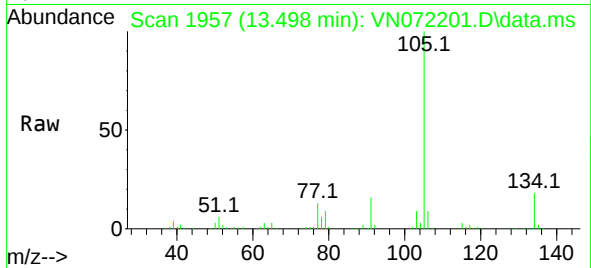




#85
 sec-Butylbenzene
 Concen: 21.239 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

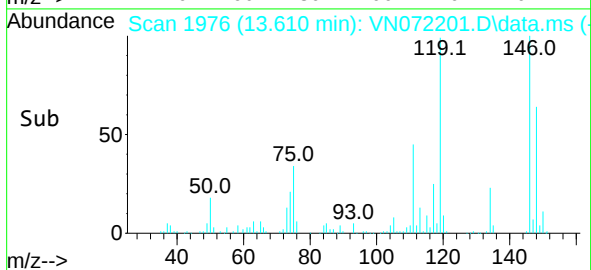
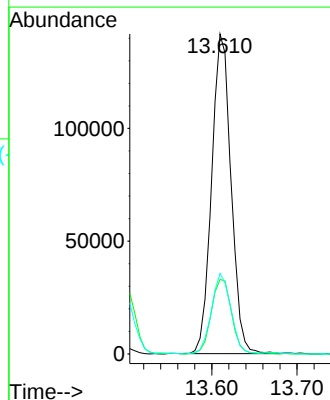
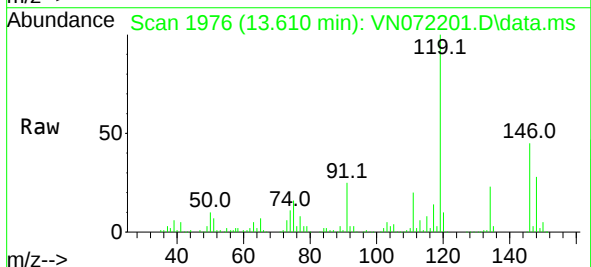
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

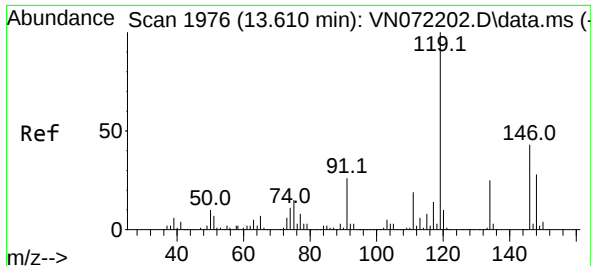
Tgt Ion:105 Resp: 284136
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.079 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

Tgt Ion:119 Resp: 224405
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.3 39.8
 91 25.4 11.3 33.9

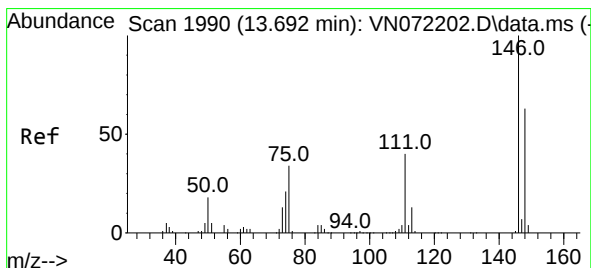
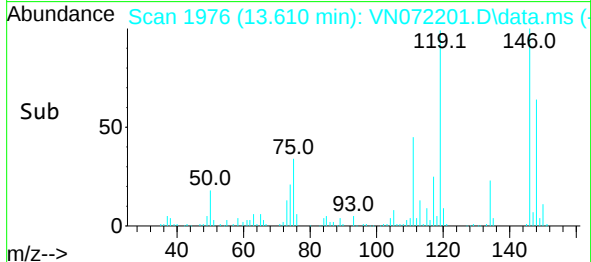
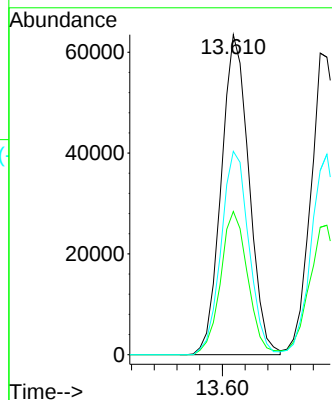
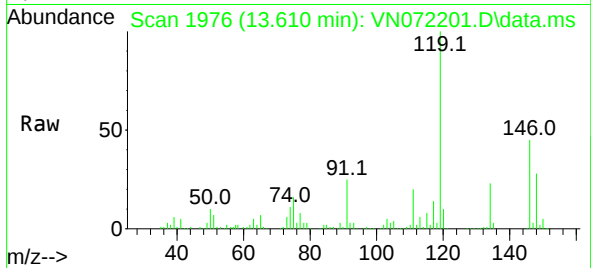




#87
 1,3-Dichlorobenzene
 Concen: 19.168 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

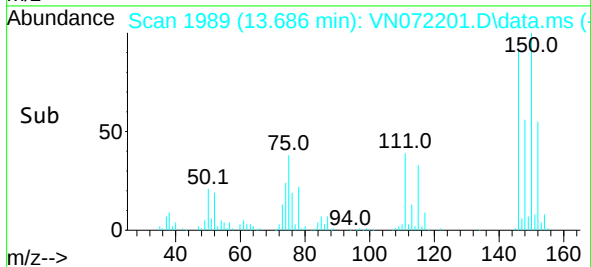
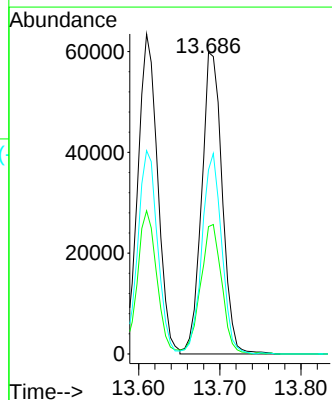
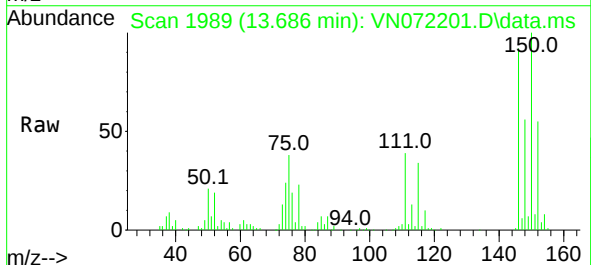
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

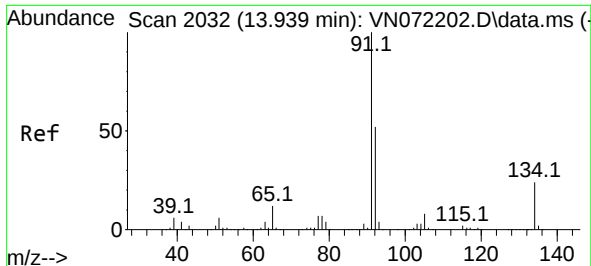
Tgt Ion:146 Resp: 107622
 Ion Ratio Lower Upper
 146 100
 111 44.0 20.0 60.0
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.210 ug/l
 RT: 13.686 min Scan# 1989
 Delta R.T. -0.006 min
 Lab File: VN072201.D
 Acq: 26 Apr 2022 16:01

Tgt Ion:146 Resp: 105214
 Ion Ratio Lower Upper
 146 100
 111 44.0 19.1 57.1
 148 63.9 31.4 94.3

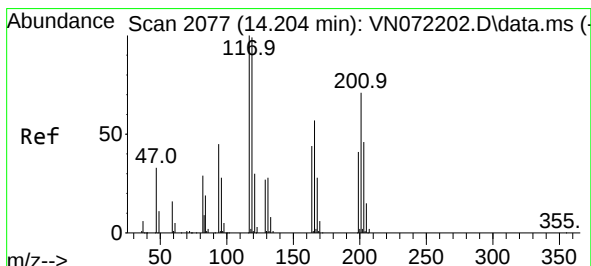
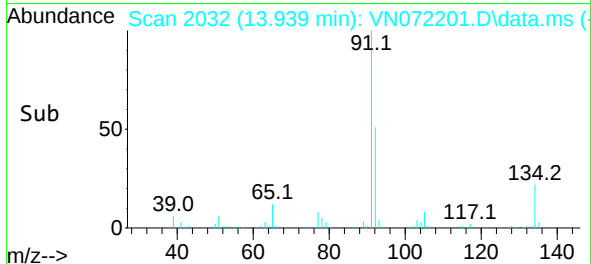
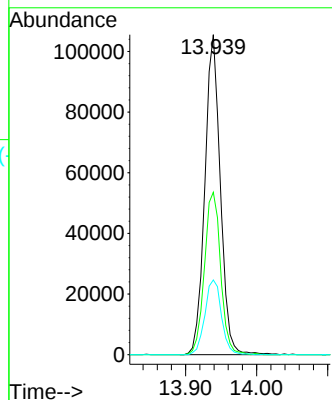
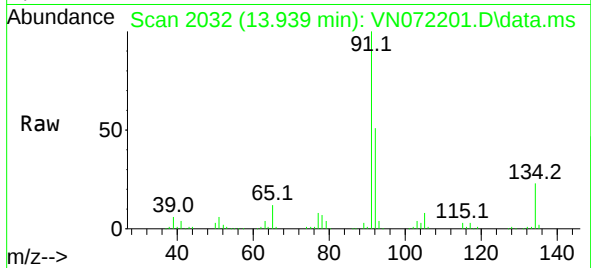




#89
n-Butylbenzene
Concen: 20.194 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

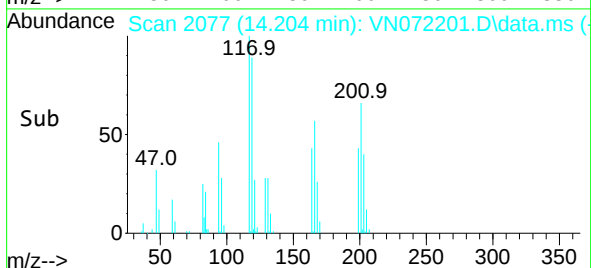
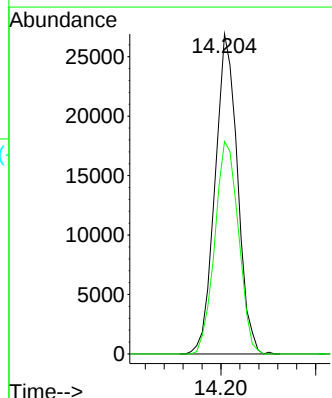
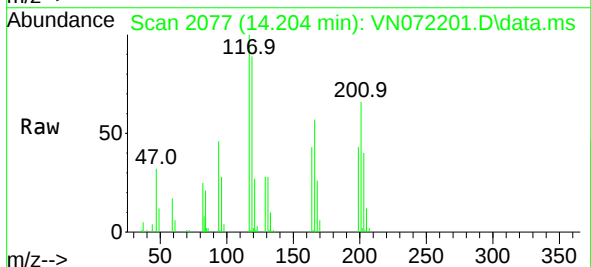
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

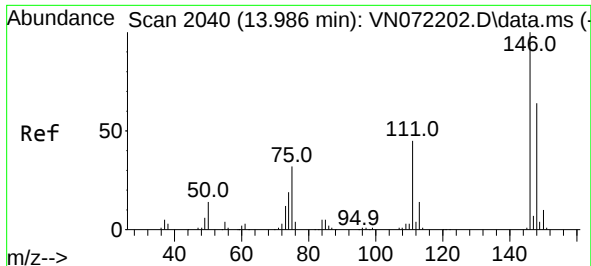
Tgt Ion: 91 Resp: 160740
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 25.0 13.6 40.8



#90
Hexachloroethane
Concen: 22.569 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion: 117 Resp: 44315
Ion Ratio Lower Upper
117 100
201 70.2 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 19.444 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

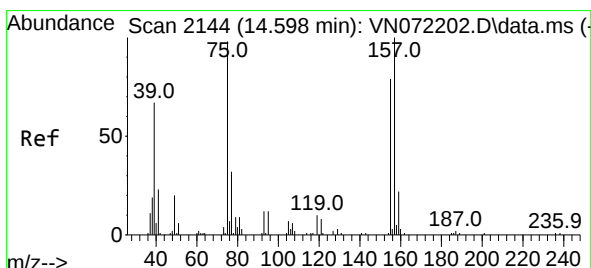
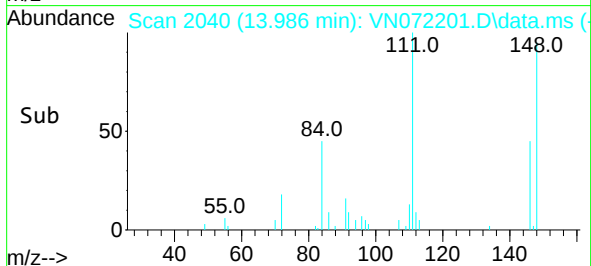
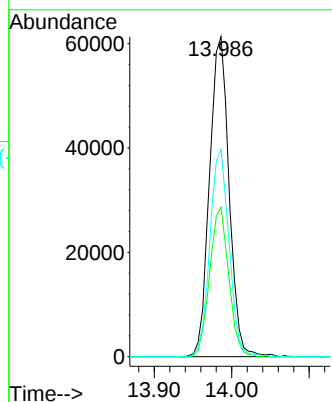
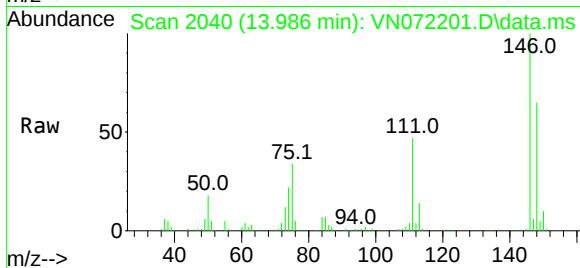
Tgt Ion:146 Resp: 107419

Ion Ratio Lower Upper

146 100

111 45.6 20.9 62.8

148 63.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.277 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072201.D

Acq: 26 Apr 2022 16:01

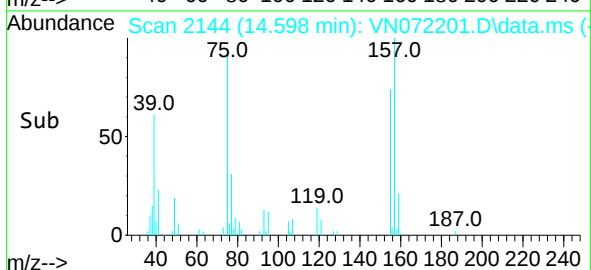
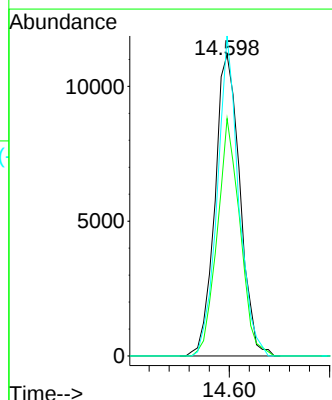
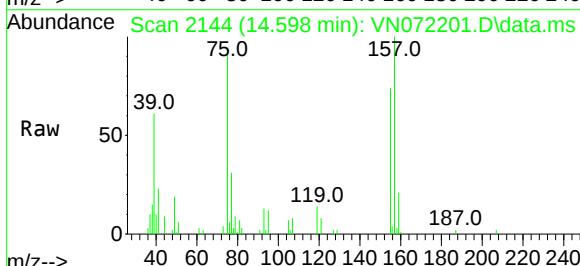
Tgt Ion: 75 Resp: 19358

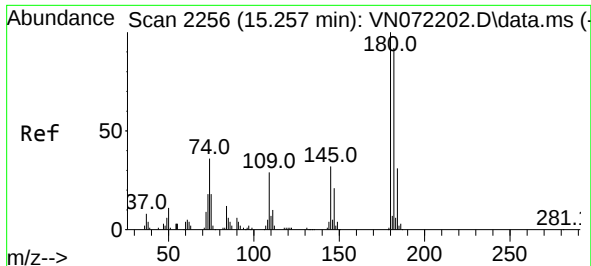
Ion Ratio Lower Upper

75 100

155 71.4 44.9 134.5

157 90.6 59.0 176.8

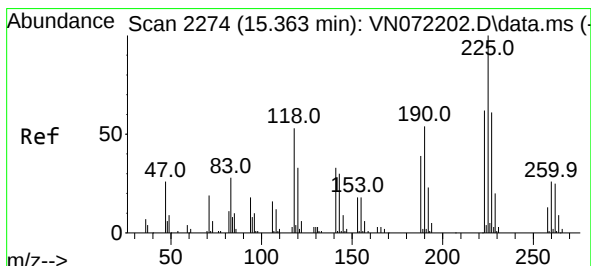
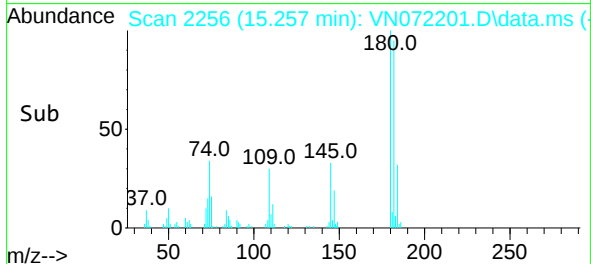
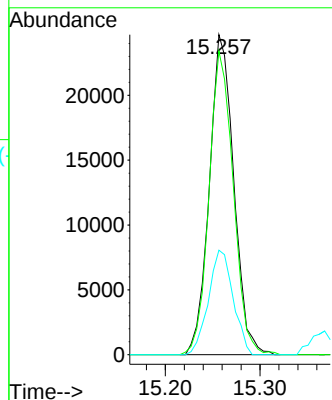
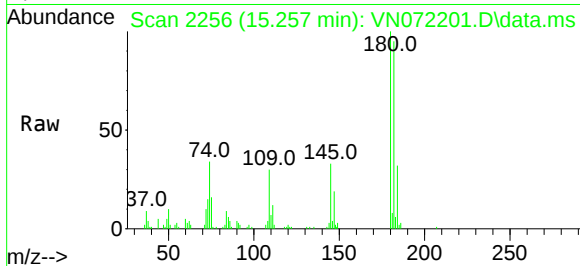




#93
1,2,4-Trichlorobenzene
Concen: 20.636 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

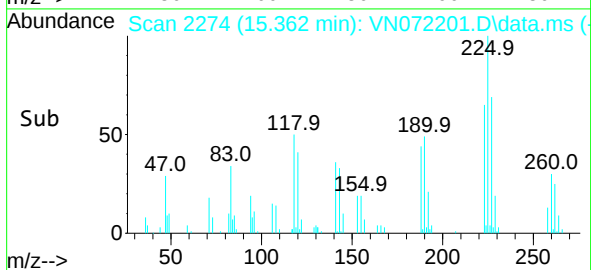
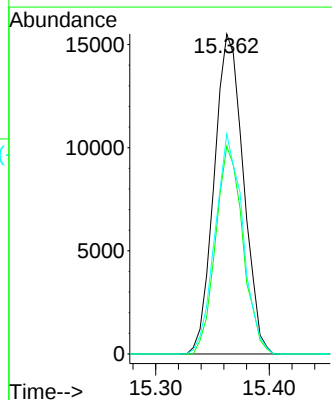
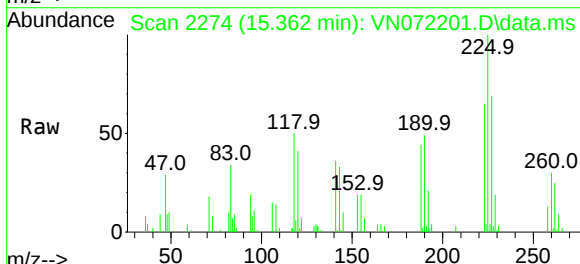
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

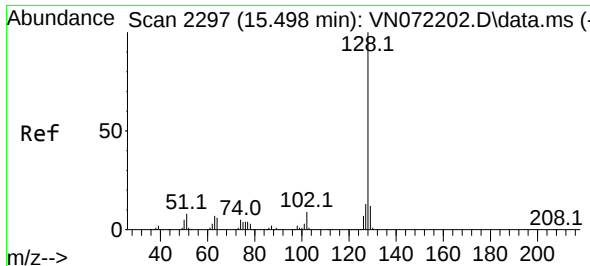
Tgt Ion:180 Resp: 44276
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 33.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 17.301 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:225 Resp: 27657
Ion Ratio Lower Upper
225 100
223 60.6 32.4 97.2
227 65.2 31.8 95.4

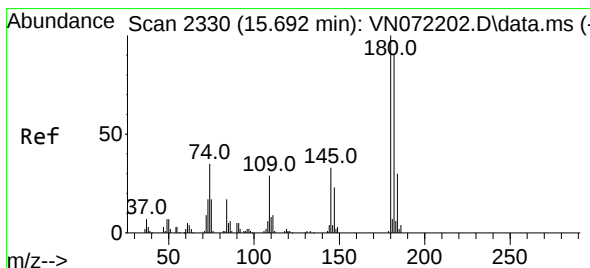
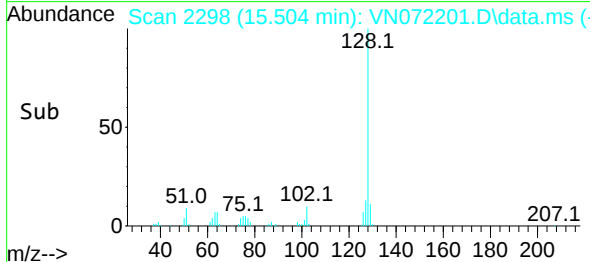
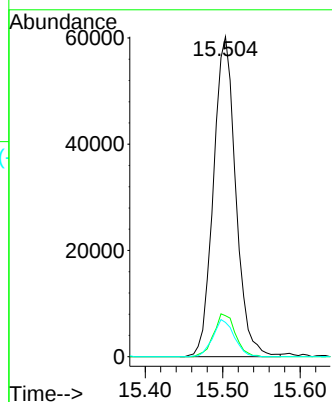
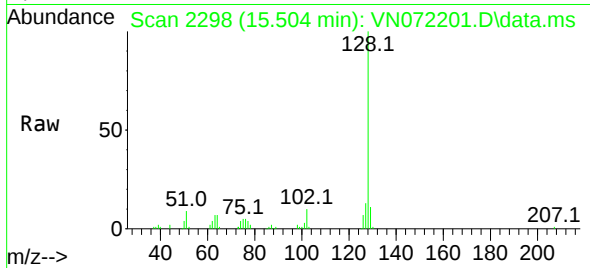




#95
Naphthalene
Concen: 22.281 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 120570
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.930 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072201.D
Acq: 26 Apr 2022 16:01

Tgt Ion:180 Resp: 43817
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 35.7 15.5 46.5

