

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070880.D
 Acq On : 1 Feb 2022 19:02
 Operator : JC/MD
 Sample : N1342-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31534

Quant Time: Feb 02 00:38:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1310657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1942322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1764952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	886382	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	737933	39.286	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	78.580%
35) Dibromofluoromethane	8.021	113	559527	46.441	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.880%
50) Toluene-d8	10.440	98	2383156	46.953	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.900%
62) 4-Bromofluorobenzene	12.728	95	913385	50.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.000%

Target Compounds						Qvalue
3) Chloromethane	2.263	50	24585	1.111	ug/l #	71
8) Diethyl Ether	3.821	74	6795257	646.722	ug/l	84
11) Tert butyl alcohol	5.372	59	2385009	703.783	ug/l	98
13) Acrolein	4.143	56	1353	0.278	ug/l #	1
14) Allyl chloride	4.851	41	30957	0.980	ug/l #	25
15) Acrylonitrile	5.618	53	32419	3.007	ug/l #	30
16) Acetone	4.283	43	12613464	967.489	ug/l	96
17) Carbon Disulfide	4.529	76	26967	0.685	ug/l	99
18) Methyl Acetate	4.851	43	2595151	101.216	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	2407633	46.481	ug/l #	73
20) Methylene Chloride	5.093	84	28774	1.676	ug/l #	91
22) Diisopropyl ether	6.493	45	1848682	29.523	ug/l #	1
23) Vinyl Acetate	6.493	43	112574	2.121	ug/l #	76
24) 1,1-Dichloroethane	6.493	63	12162	0.388	ug/l #	83
25) 2-Butanone	7.335	43	2425487	147.847	ug/l	94
26) 2,2-Dichloropropane	7.168	77	84841	3.533	ug/l #	52
29) Tetrahydrofuran	7.686	42	79170	7.881	ug/l #	83
30) Chloroform	7.788	83	678	Below Cal	#	18
31) Cyclohexane	8.094	56	576508	17.430	ug/l	90
36) 1,1-Dichloropropene	8.083	75	96762	4.771	ug/l #	49
37) Ethyl Acetate	7.413	43	228586	8.489	ug/l #	79
38) Carbon Tetrachloride	8.086	117	121273	6.721	ug/l #	16
39) Methylcyclohexane	9.459	83	545633	21.790	ug/l	90
41) Methacrylonitrile	7.678	41	37302	2.723	ug/l #	40
42) 1,2-Dichloroethane	8.459	62	334009	15.327	ug/l	76
43) Isopropyl Acetate	8.560	43	388503	9.446	ug/l #	81
45) 1,2-Dichloropropane	9.502	63	23397	1.368	ug/l #	47
48) Methyl methacrylate	9.529	41	395022	20.160	ug/l #	30
49) 1,4-Dioxane	9.572	88	1868	6.347	ug/l #	27
51) 4-Methyl-2-Pentanone	10.331	43	449814	17.139	ug/l	98
53) t-1,3-Dichloropropene	10.800	75	139230	7.781	ug/l #	85
54) cis-1,3-Dichloropropene	10.162	75	475510	19.509	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	24085	1.631	ug/l #	24
56) Ethyl methacrylate	10.792	69	16151	2.850	ug/l #	1
57) 1,3-Dichloropropane	11.090	76	157487	6.024	ug/l #	44
58) 2-Chloroethyl Vinyl ether	10.162	63	712474	112.734	ug/l #	85

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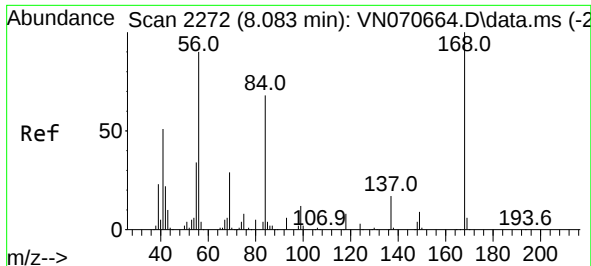
Instrument :
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 Response via : Initial Calibration

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

59) 2-Hexanone	11.087	43	3697485	193.934	ug/l	64
67) Ethyl Benzene	11.843	91	7661157	108.060	ug/l	98
68) m/p-Xylenes	11.843	106	2331985	90.417	ug/l #	16
69) o-Xylene	12.278	106	8754488	342.036	ug/l #	1
70) Styrene	12.280	104	446808	10.912	ug/l #	1
73) Isopropylbenzene	12.575	105	1933667	23.059	ug/l	98
74) N-amyl acetate	12.347	43	1721320	50.205	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.838	83	83151	2.936	ug/l #	25
76) 1,2,3-Trichloropropane	12.916	75	15102	0.642	ug/l #	1
78) n-propylbenzene	12.919	91	1535846	16.377	ug/l	97
79) 2-Chlorotoluene	12.980	91	1018109	17.162	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	8466017	124.844	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.640	75	16134	2.045	ug/l #	64
82) 4-Chlorotoluene	13.058	91	900238	16.242	ug/l #	38
83) tert-Butylbenzene	13.321	119	101862	1.726	ug/l	92
84) 1,2,4-Trimethylbenzene	13.367	105	13334856	204.574	ug/l	99
85) sec-Butylbenzene	13.501	105	473598	5.901	ug/l	82
86) p-Isopropyltoluene	13.613	119	505748	8.022	ug/l	97
89) n-Butylbenzene	13.940	91	153367	2.949	ug/l #	77
90) Hexachloroethane	14.214	117	34747	3.153	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.632	75	28844	6.004	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.260	180	892	3.476	ug/l #	1
95) Naphthalene	15.501	128	194321	8.758	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.692	180	1851	3.327	ug/l #	1

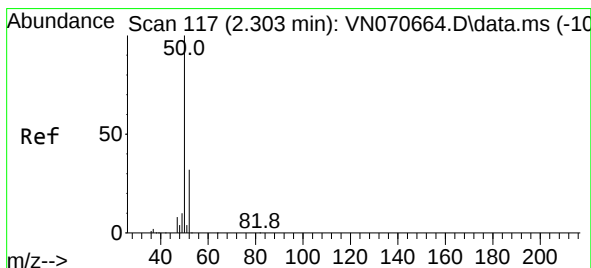
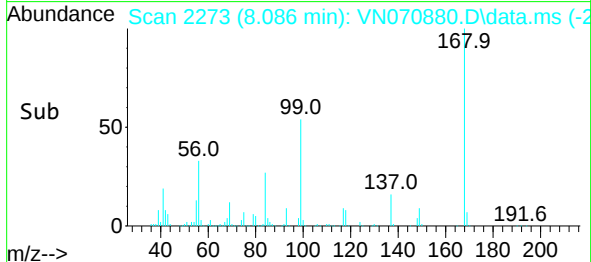
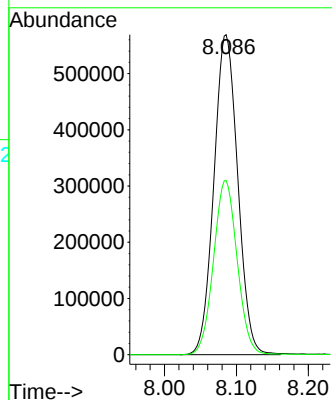
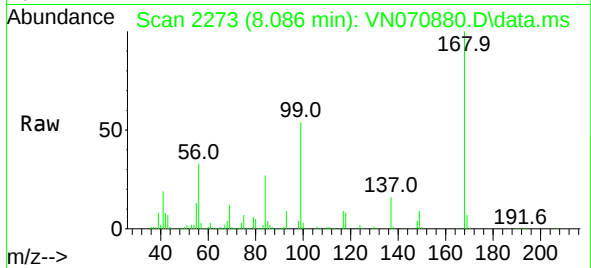
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
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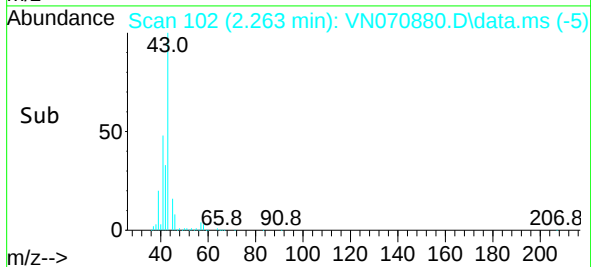
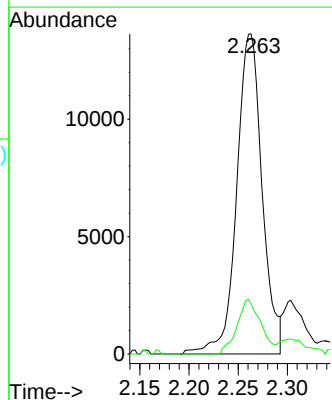
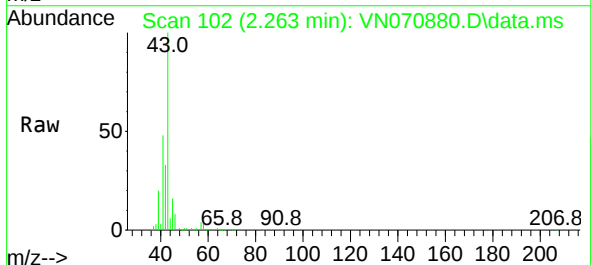
Instrument :
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31534

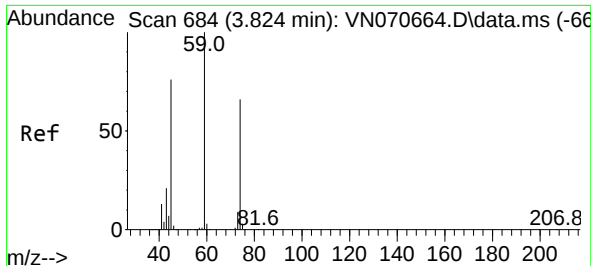
Tgt Ion:168 Resp: 1310657
Ion Ratio Lower Upper
168 100
99 54.5 41.3 61.9



#3
Chloromethane
Concen: 1.111 ug/l
RT: 2.263 min Scan# 102
Delta R.T. -0.040 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 50 Resp: 24585
Ion Ratio Lower Upper
50 100
52 15.7 25.4 38.0#

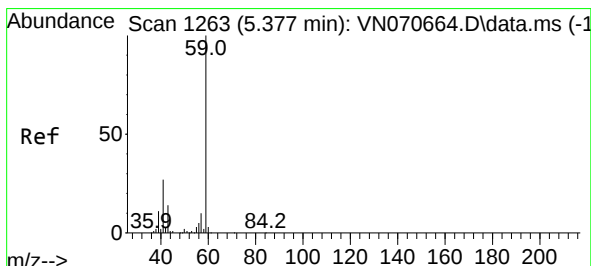
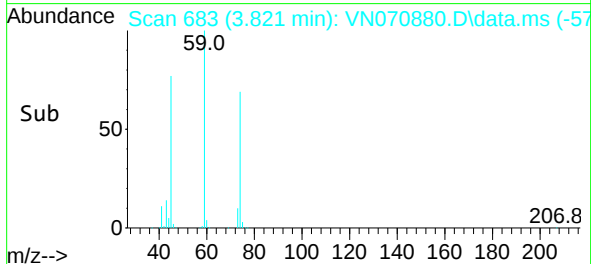
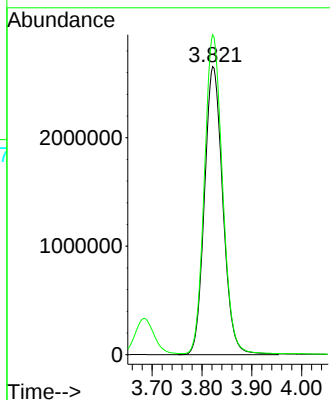
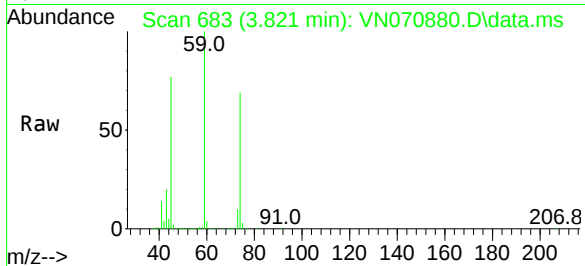




#8
Diethyl Ether
Concen: 646.722 ug/l
RT: 3.821 min Scan# 61
Delta R.T. -0.003 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

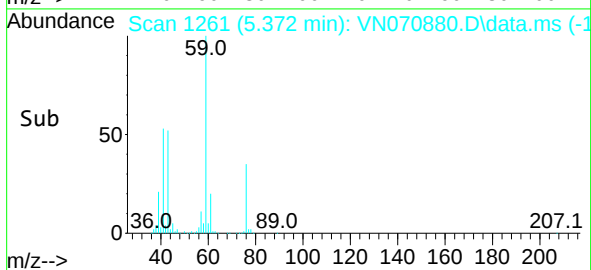
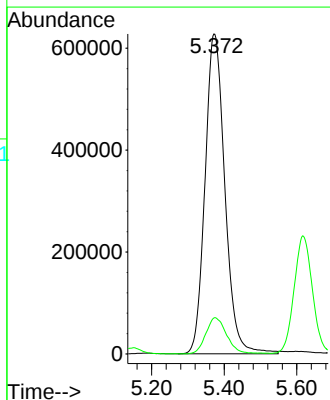
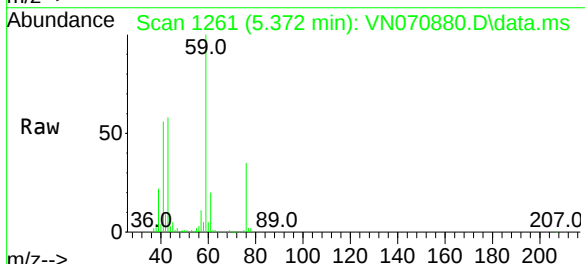
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MSVOA_N
ClientSampleId :
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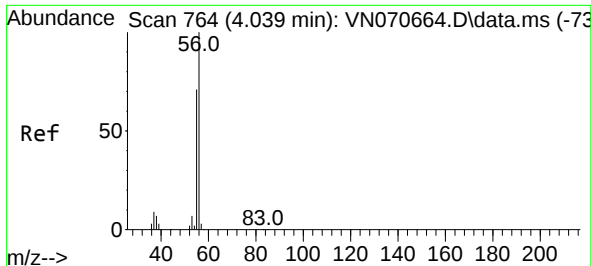
Tgt Ion: 74 Resp: 6795257
Ion Ratio Lower Upper
74 100
45 109.2 47.0 141.2



#11
Tert butyl alcohol
Concen: 703.783 ug/l
RT: 5.372 min Scan# 1261
Delta R.T. -0.005 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 59 Resp: 2385009
Ion Ratio Lower Upper
59 100
57 11.8 8.7 13.1





#13

Acrolein

Concen: 0.278 ug/l

RT: 4.143 min Scan# 80

Delta R.T. 0.104 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

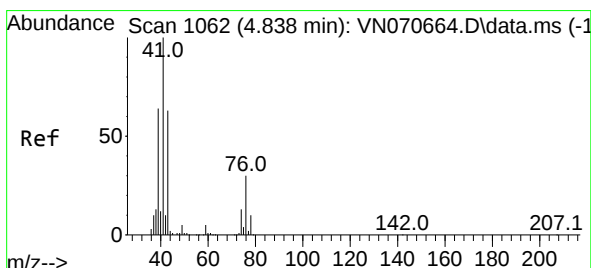
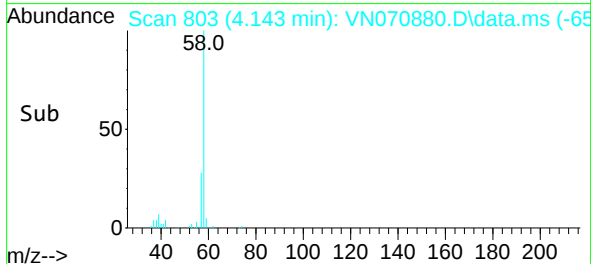
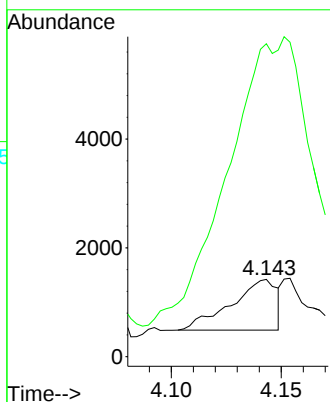
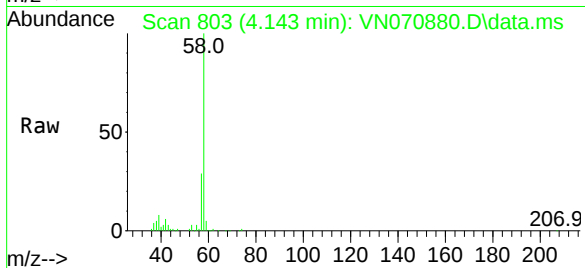
31534

Tgt Ion: 56 Resp: 1353

Ion Ratio Lower Upper

56 100

55 577.8 56.6 85.0#



#14

Allyl chloride

Concen: 0.980 ug/l

RT: 4.851 min Scan# 1067

Delta R.T. 0.013 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

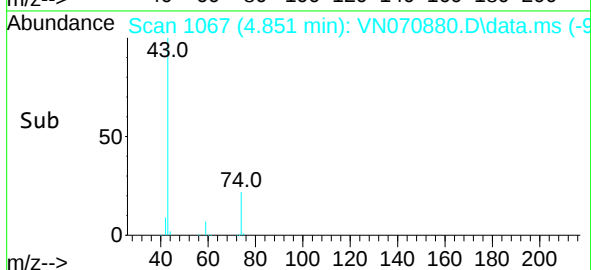
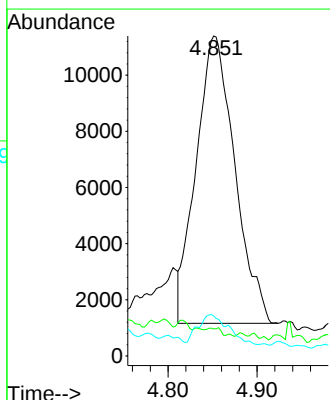
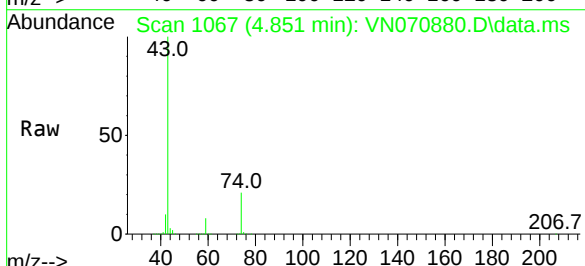
Tgt Ion: 41 Resp: 30957

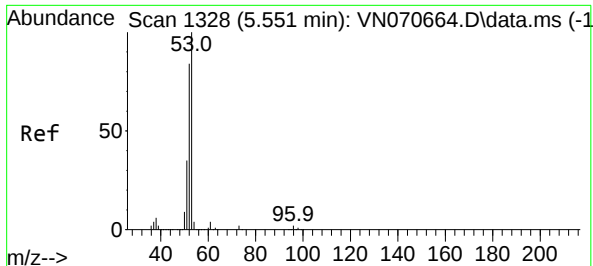
Ion Ratio Lower Upper

41 100

39 0.0 61.2 91.8#

76 8.2 26.0 39.0#

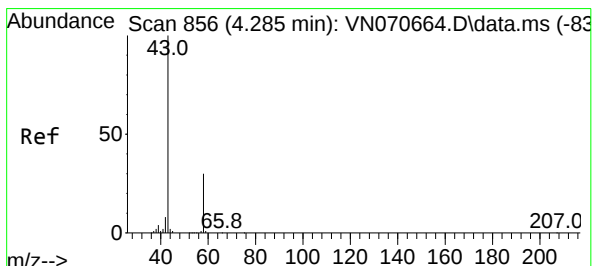
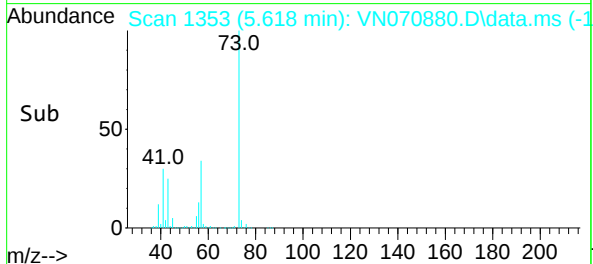
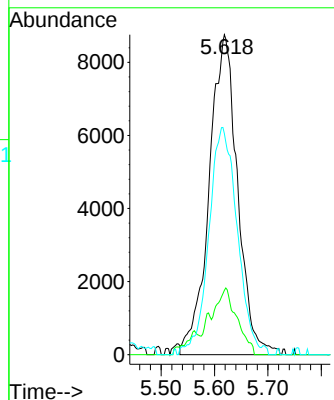
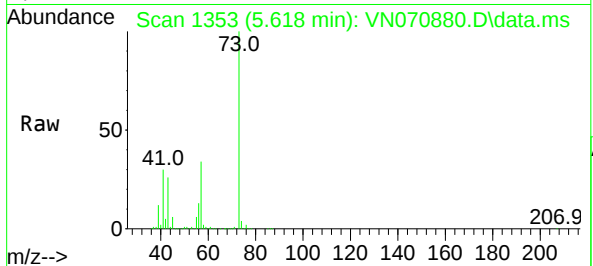




#15
Acrylonitrile
Concen: 3.007 ug/l
RT: 5.618 min Scan# 11
Delta R.T. 0.067 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

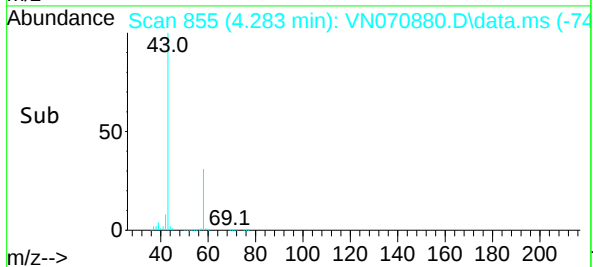
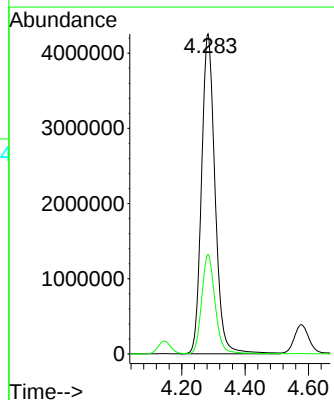
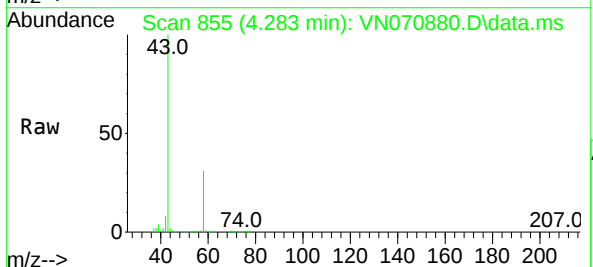
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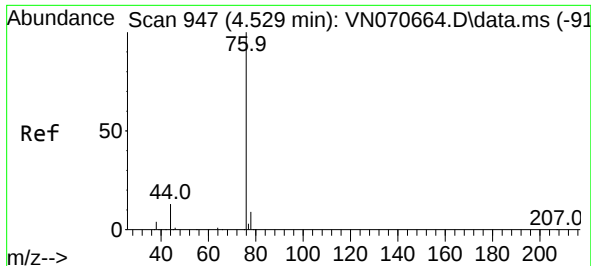
Tgt Ion: 53 Resp: 32419
Ion Ratio Lower Upper
53 100
52 14.7 66.2 99.2#
51 70.6 29.6 44.4#



#16
Acetone
Concen: 967.489 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 43 Resp:12613464
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7

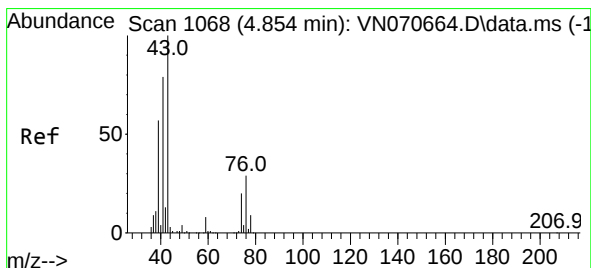
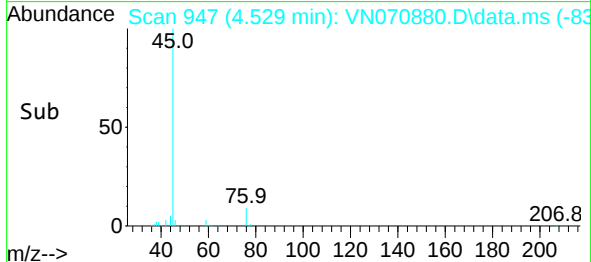
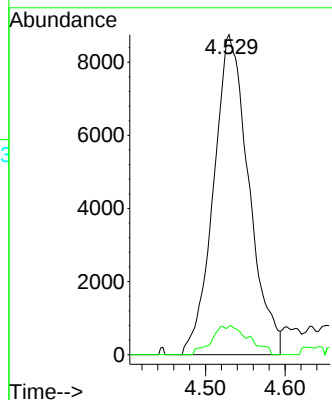
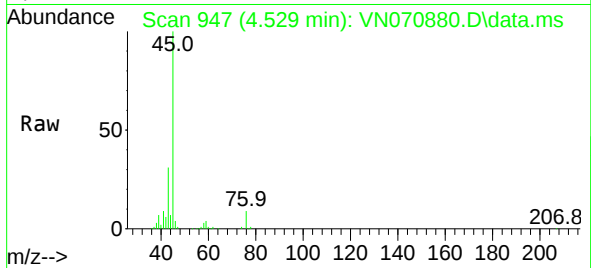




#17
Carbon Disulfide
Concen: 0.685 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

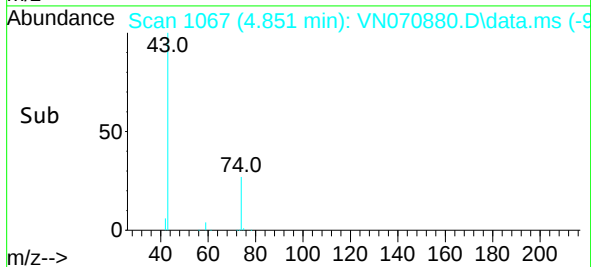
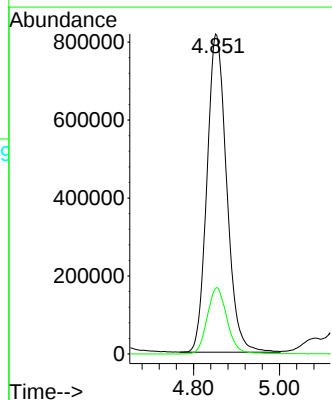
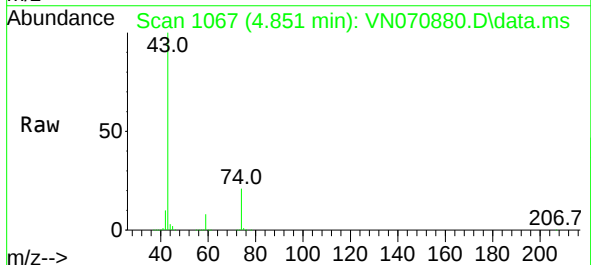
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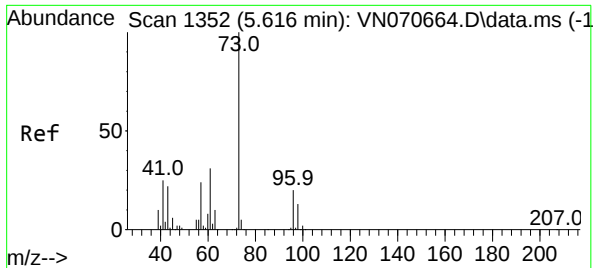
Tgt Ion: 76 Resp: 26967
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 101.216 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 43 Resp: 2595151
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2

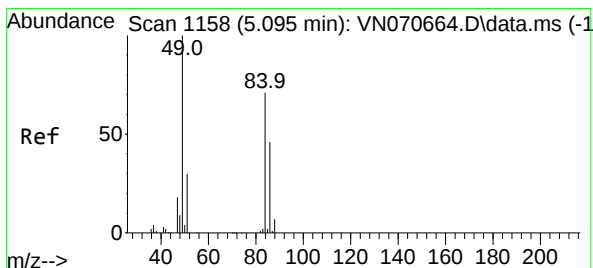
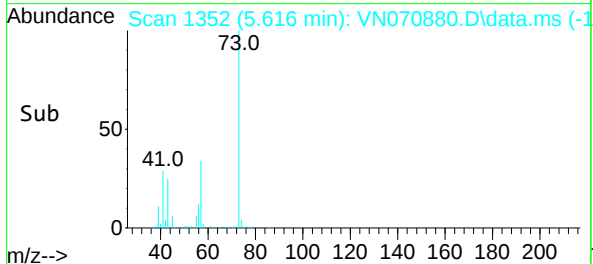
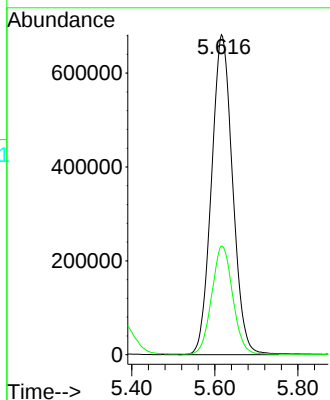
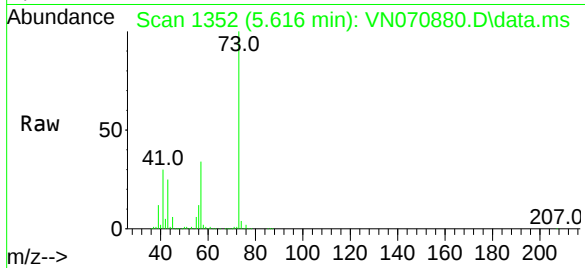




#19
Methyl tert-butyl Ether
Concen: 46.481 ug/l
RT: 5.616 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN070880.D
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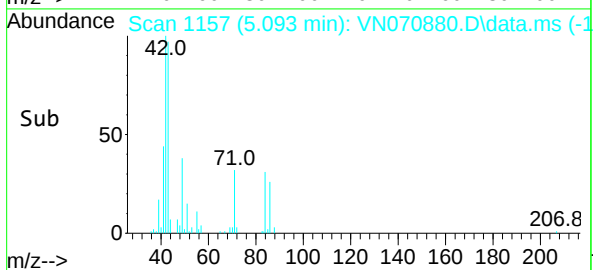
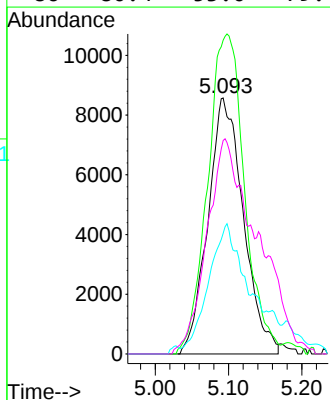
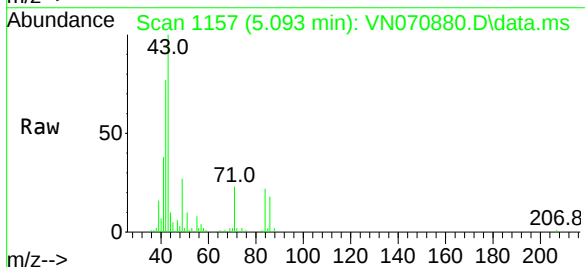
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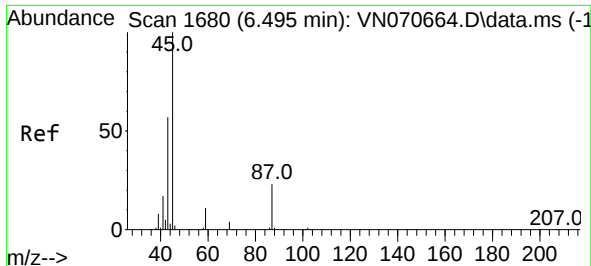
Tgt Ion: 73 Resp: 2407633
Ion Ratio Lower Upper
73 100
57 33.8 16.8 25.2#



#20
Methylene Chloride
Concen: 1.676 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

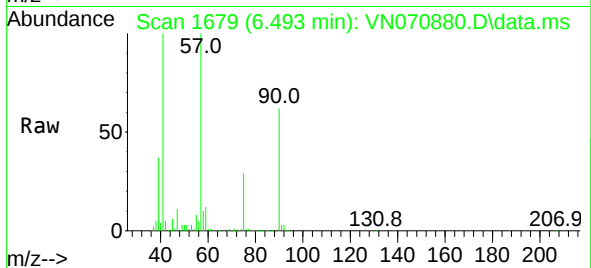
Tgt Ion: 84 Resp: 28774
Ion Ratio Lower Upper
84 100
49 120.8 93.5 140.3
51 44.5 29.4 44.2#
86 80.4 53.0 79.4#



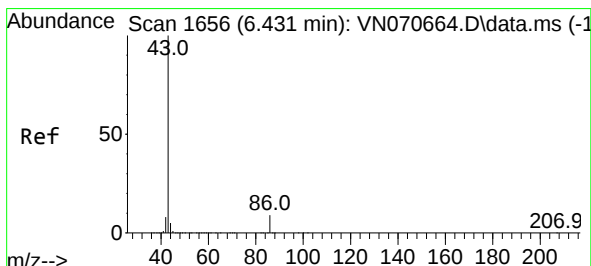
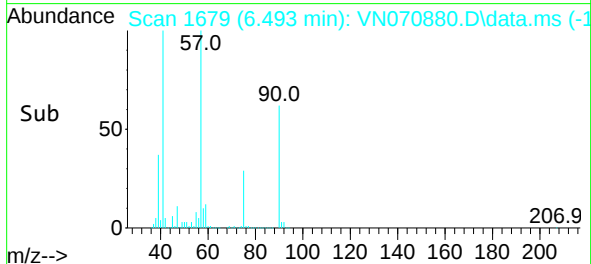
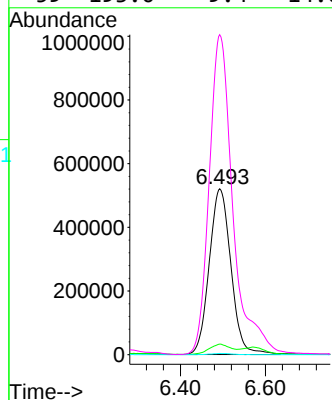


#22
Diisopropyl ether
Concen: 29.523 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. -0.002 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Instrument :
MSVOA_N
ClientSampleId :
31534

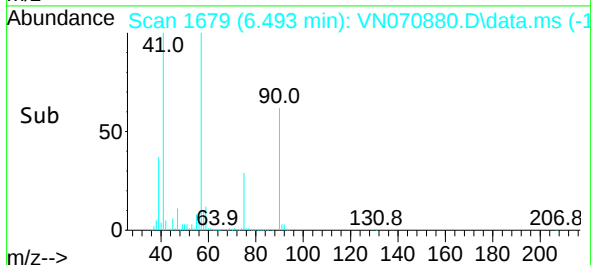
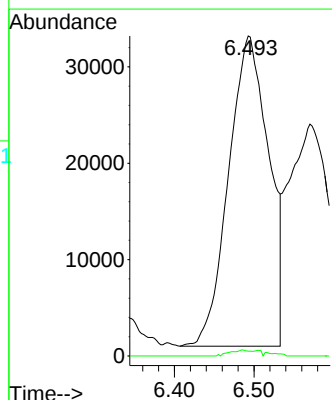
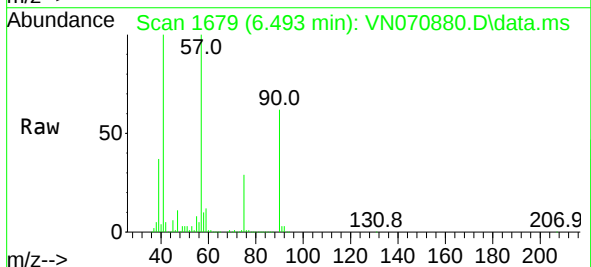


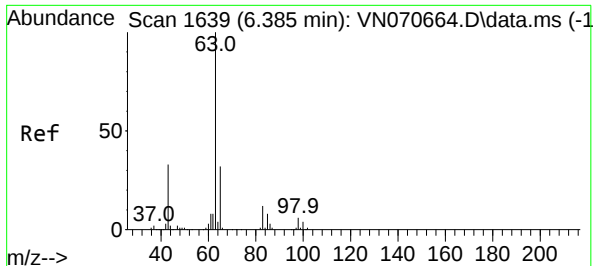
Tgt Ion: 45 Resp: 1848682
Ion Ratio Lower Upper
45 100
43 6.2 51.7 77.5#
87 0.7 23.2 34.8#
59 193.0 9.4 14.0#



#23
Vinyl Acetate
Concen: 2.121 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. 0.062 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 43 Resp: 112574
Ion Ratio Lower Upper
43 100
86 1.6 8.5 12.7#

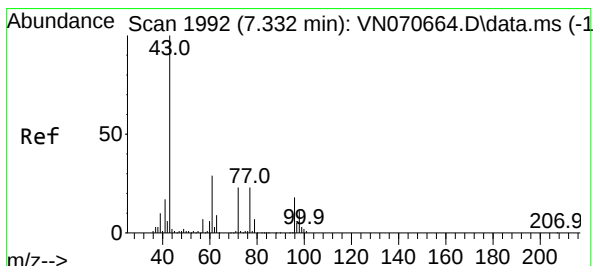
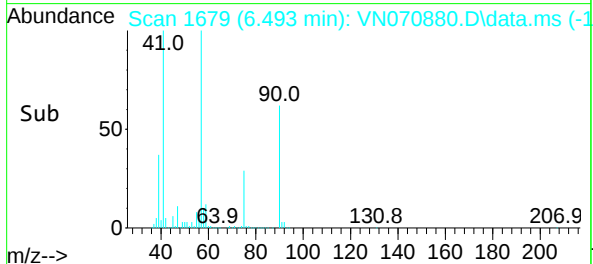
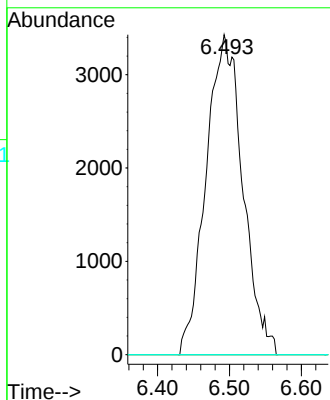
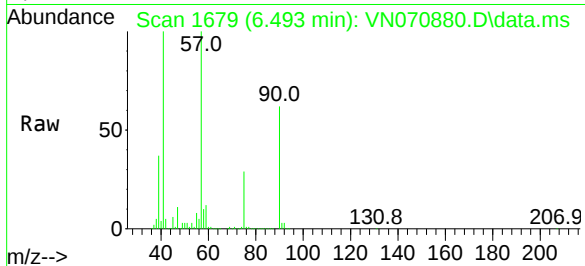




#24
1,1-Dichloroethane
Concen: 0.388 ug/l
RT: 6.493 min Scan# 1
Delta R.T. 0.108 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

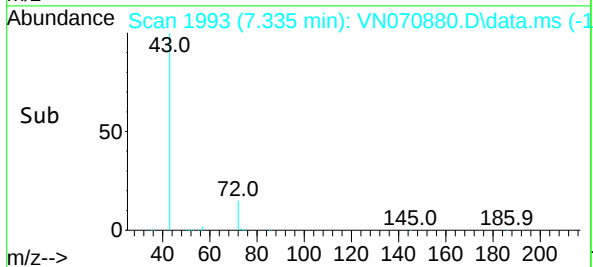
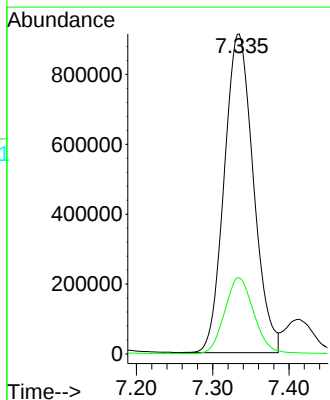
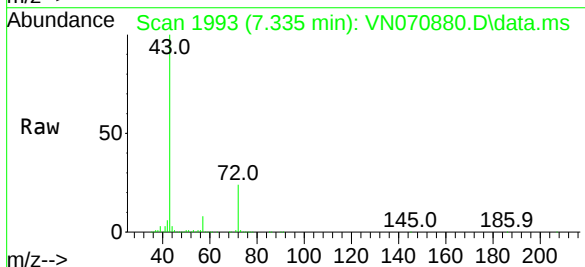
Instrument :
MSVOA_N
ClientSampleId :
31534

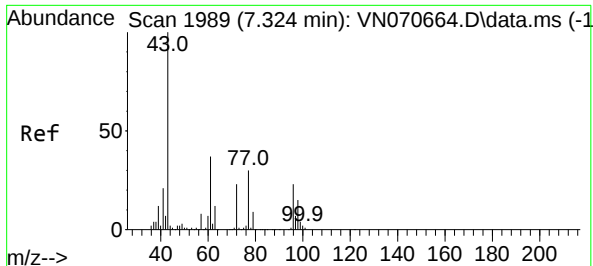
Tgt Ion: 63 Resp: 12162
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 147.847 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 43 Resp: 2425487
Ion Ratio Lower Upper
43 100
72 23.7 21.7 32.5





#26

2,2-Dichloropropane

Concen: 3.533 ug/l

RT: 7.168 min Scan# 1989

Delta R.T. -0.156 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

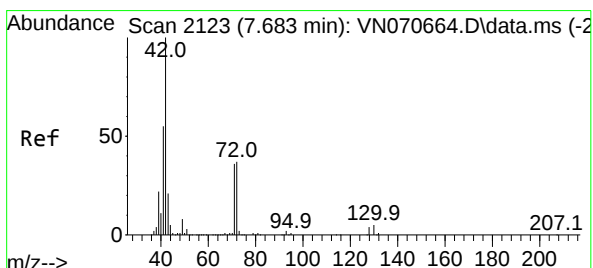
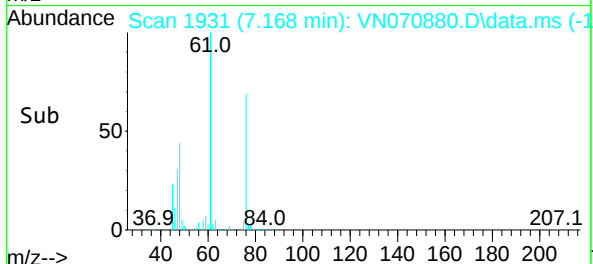
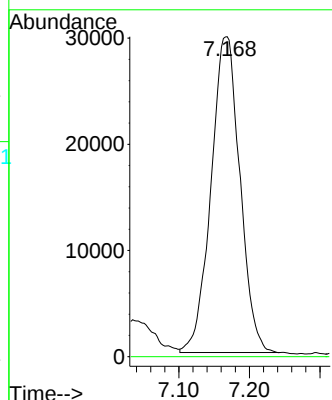
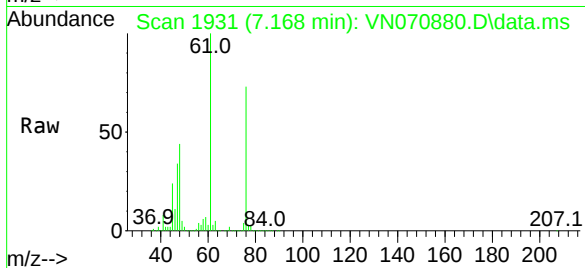
31534

Tgt Ion: 77 Resp: 84841

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#29

Tetrahydrofuran

Concen: 7.881 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

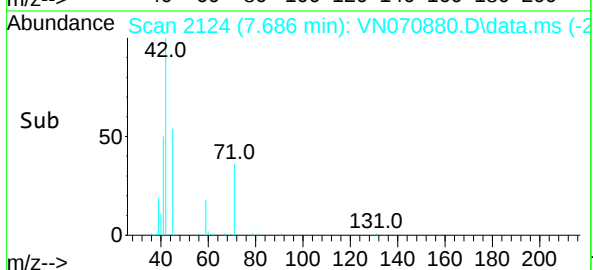
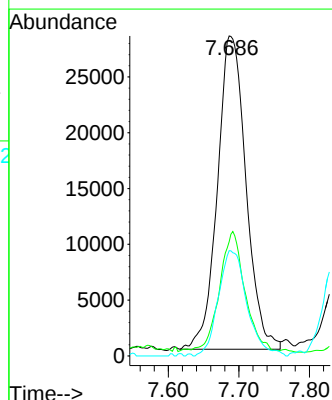
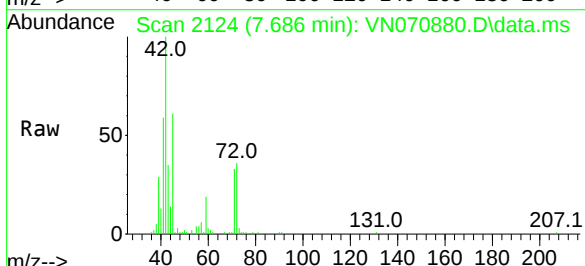
Tgt Ion: 42 Resp: 79170

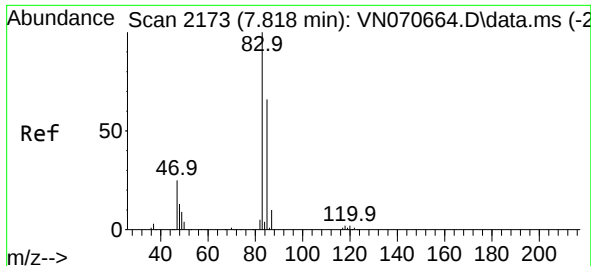
Ion Ratio Lower Upper

42 100

72 33.2 36.3 54.5#

71 33.1 34.7 52.1#





#30

Chloroform

Concen: Below Cal

RT: 7.788 min Scan# 2173

Delta R.T. -0.030 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

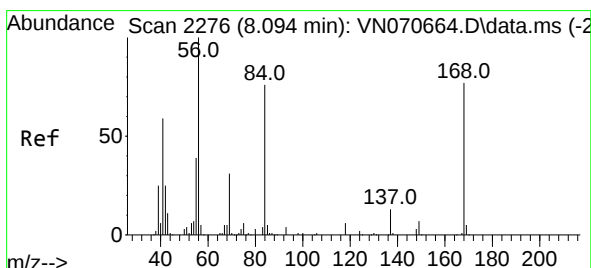
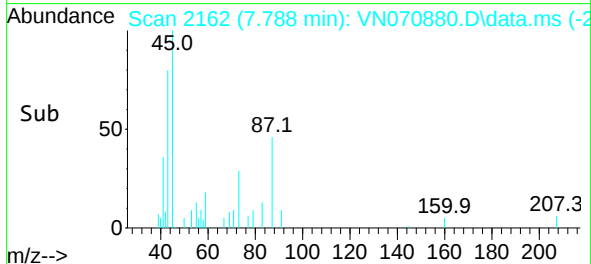
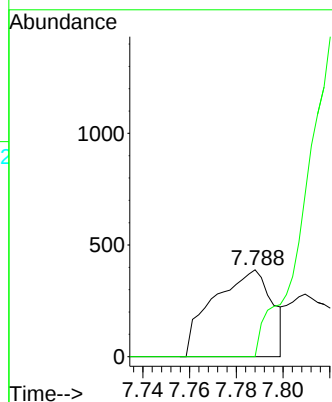
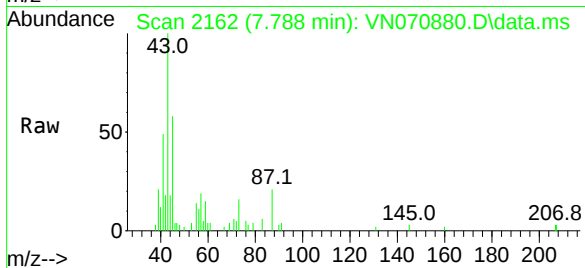
31534

Tgt Ion: 83 Resp: 678

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#



#31

Cyclohexane

Concen: 17.430 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

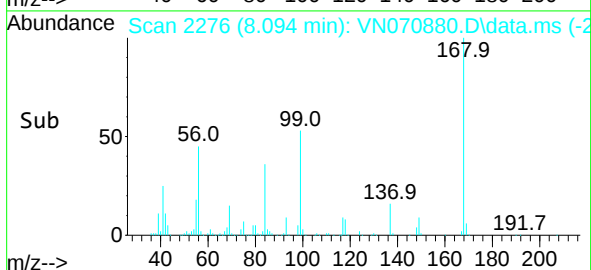
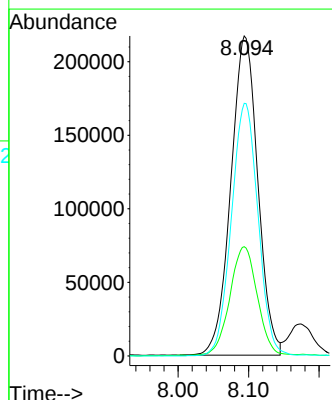
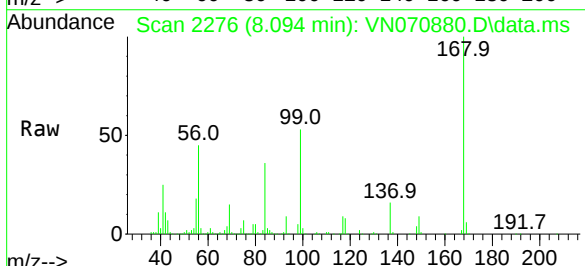
Tgt Ion: 56 Resp: 576508

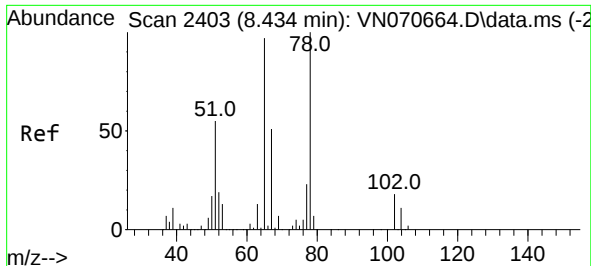
Ion Ratio Lower Upper

56 100

69 34.0 27.1 40.7

84 79.1 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 39.286 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

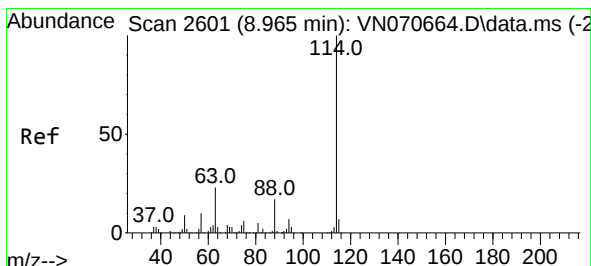
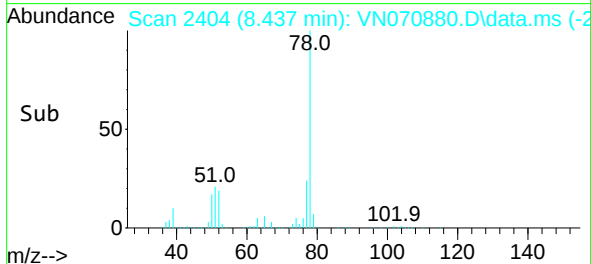
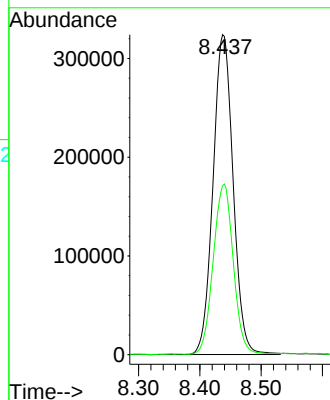
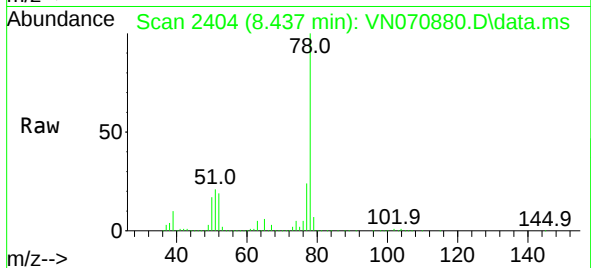
31534

Tgt Ion: 65 Resp: 737933

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

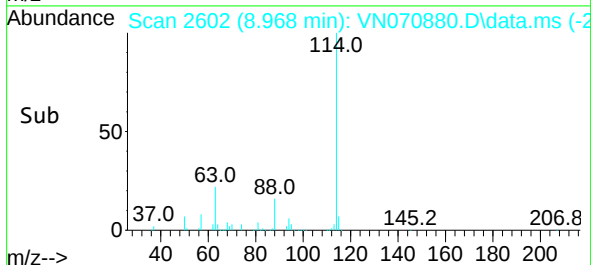
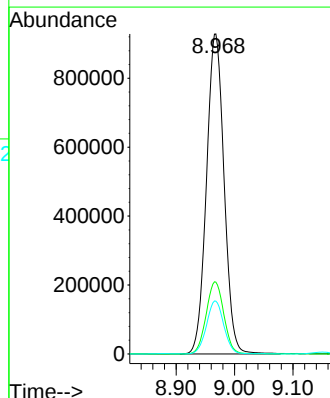
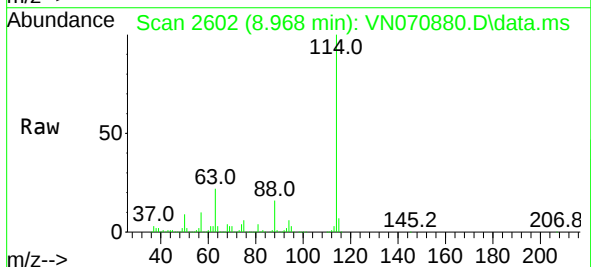
Tgt Ion: 114 Resp: 1942322

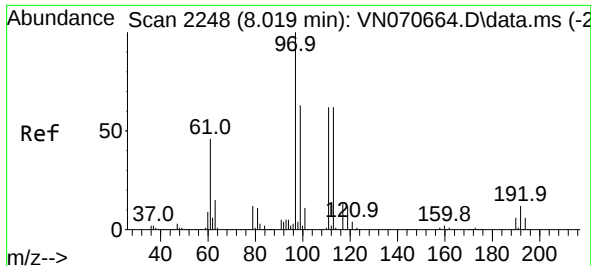
Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

88 16.5 0.0 27.4

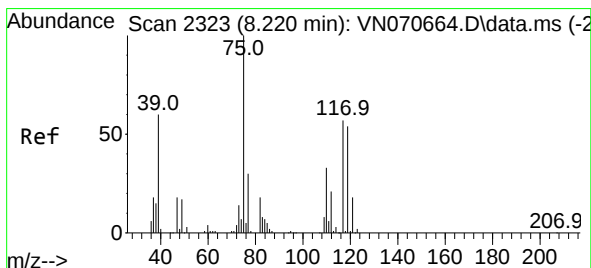
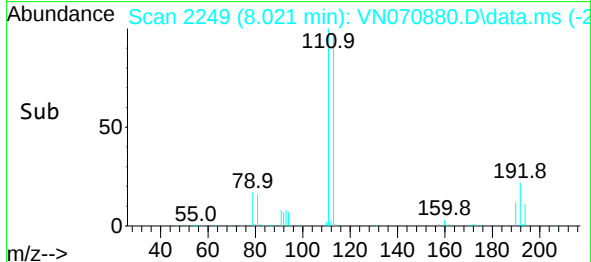
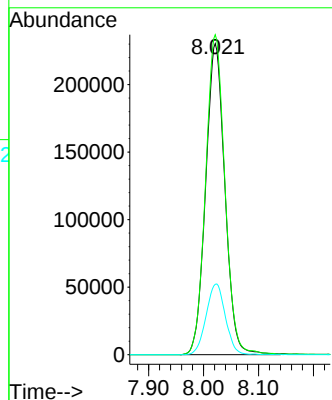
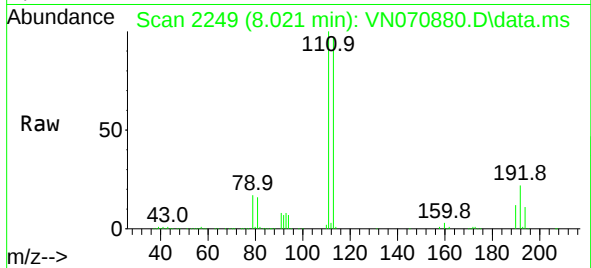




#35
Dibromofluoromethane
Concen: 46.441 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

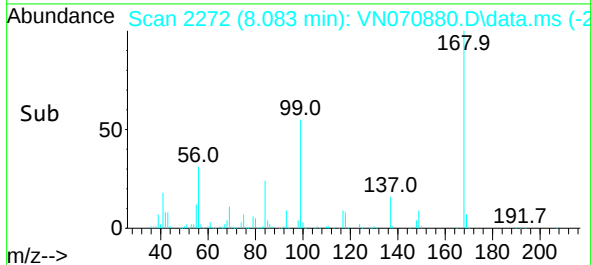
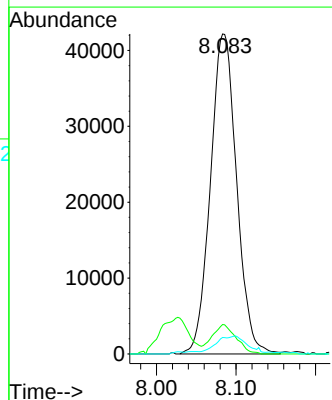
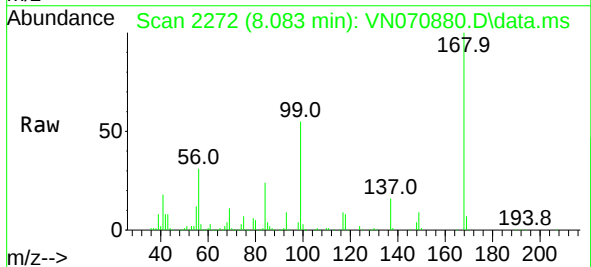
Instrument :
MSVOA_N
ClientSampleId :
31534

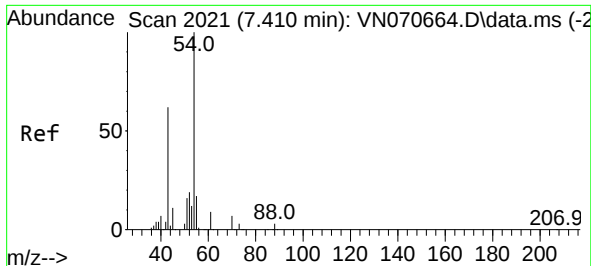
Tgt Ion:113 Resp: 559527
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 22.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 75 Resp: 96762
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 8.489 ug/l

RT: 7.413 min Scan# 20

Delta R.T. 0.003 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

31534

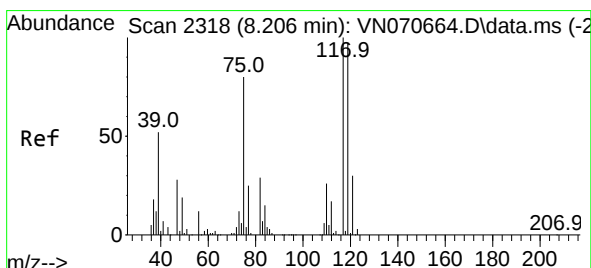
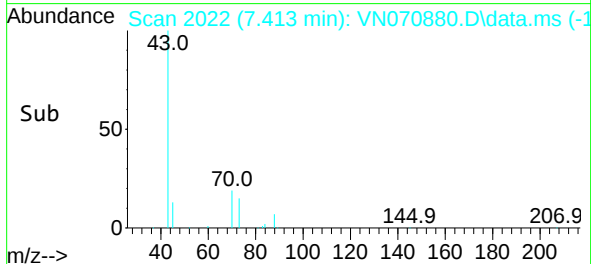
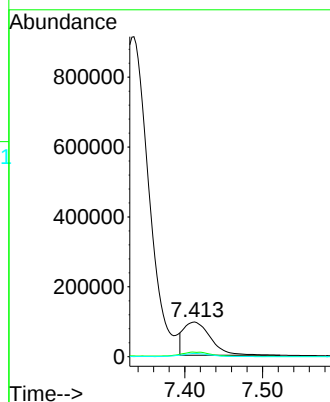
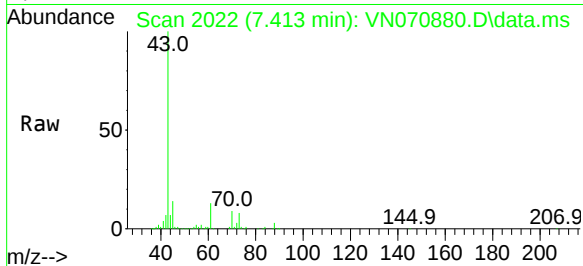
Tgt Ion: 43 Resp: 228586

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 10.3 7.9 11.9



#38

Carbon Tetrachloride

Concen: 6.721 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

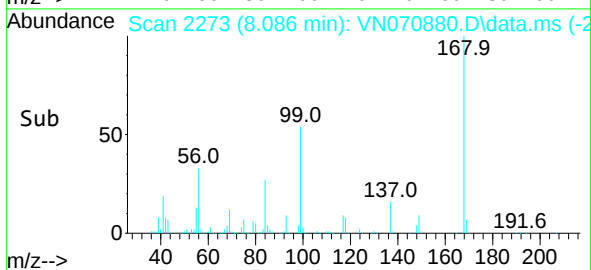
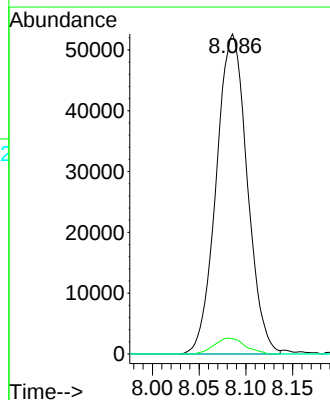
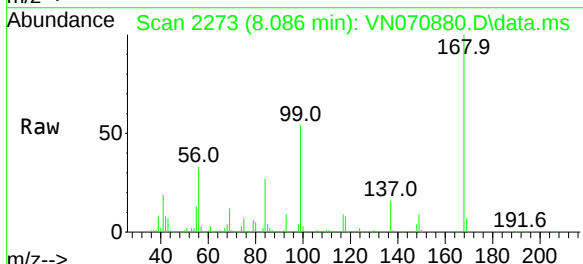
Tgt Ion: 117 Resp: 121273

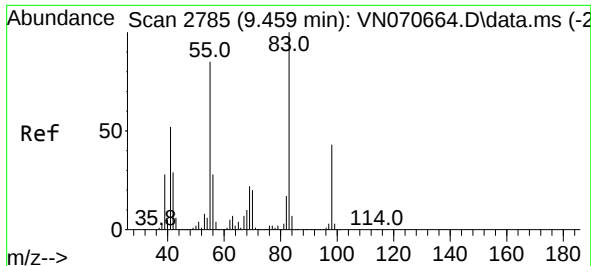
Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.0 24.2 36.2#

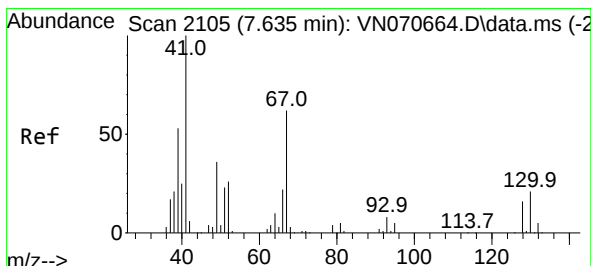
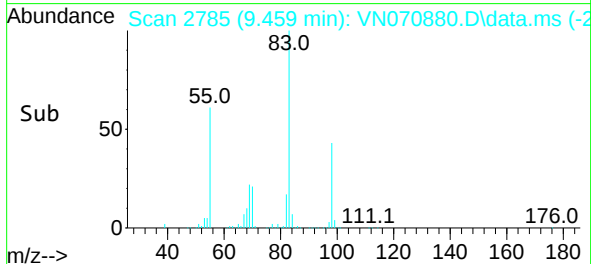
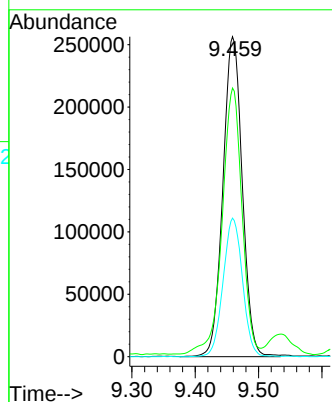
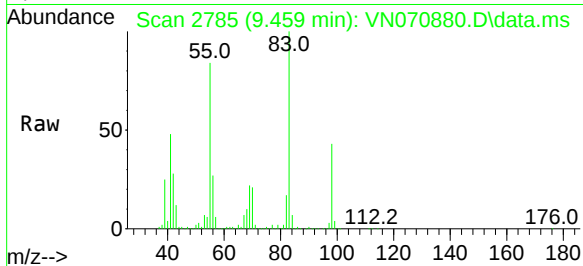




#39
Methylcyclohexane
Concen: 21.790 ug/l
RT: 9.459 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

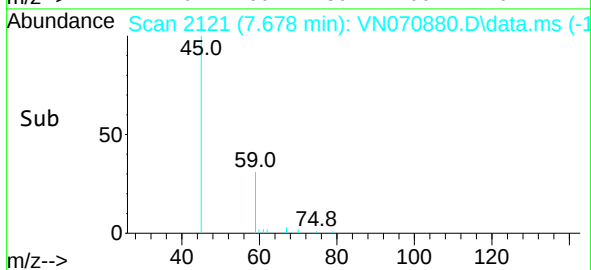
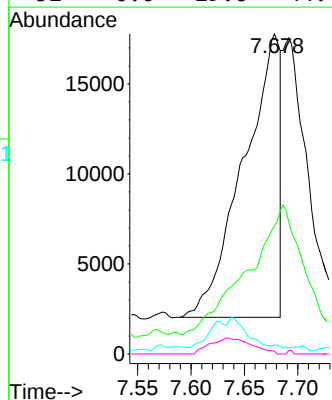
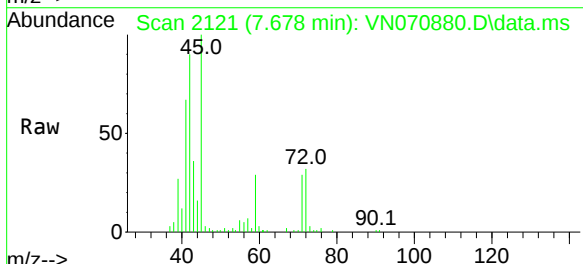
Instrument :
MSVOA_N
ClientSampleId :
31534

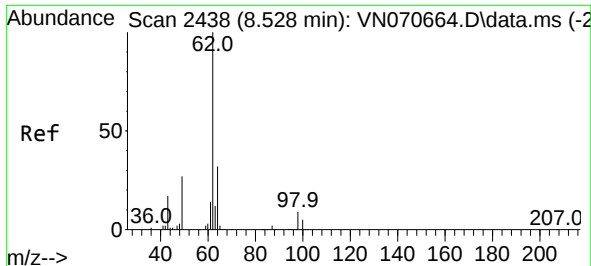
Tgt Ion: 83 Resp: 545633
Ion Ratio Lower Upper
83 100
55 83.1 58.1 87.1
98 43.3 38.4 57.6



#41
Methacrylonitrile
Concen: 2.723 ug/l
RT: 7.678 min Scan# 2121
Delta R.T. 0.043 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 41 Resp: 37302
Ion Ratio Lower Upper
41 100
39 69.1 48.1 72.1
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 15.327 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. -0.069 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

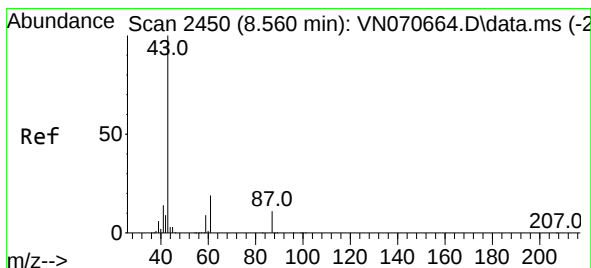
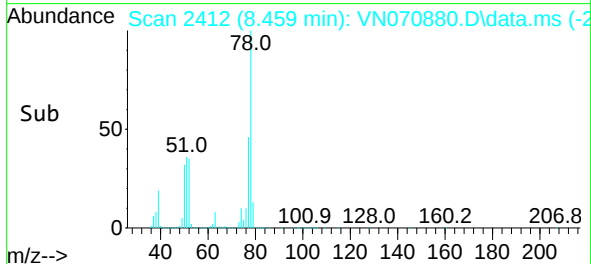
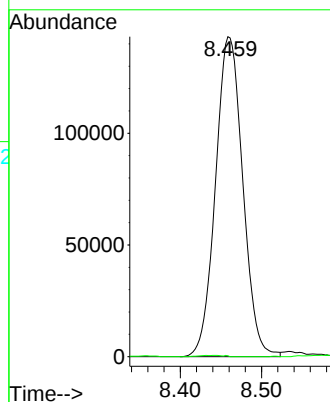
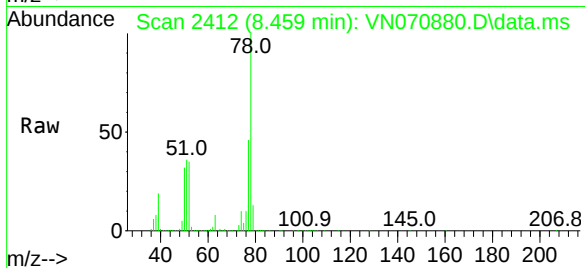
31534

Tgt Ion: 62 Resp: 334009

Ion Ratio Lower Upper

62 100

98 0.3 0.0 17.6



#43

Isopropyl Acetate

Concen: 9.446 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

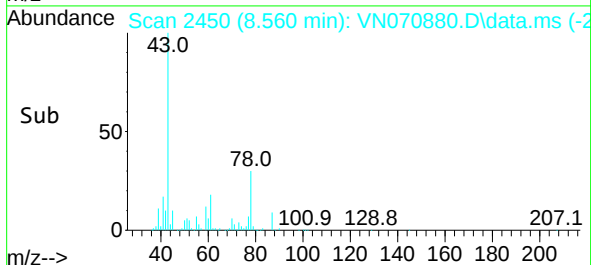
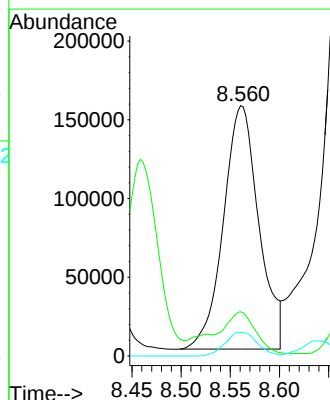
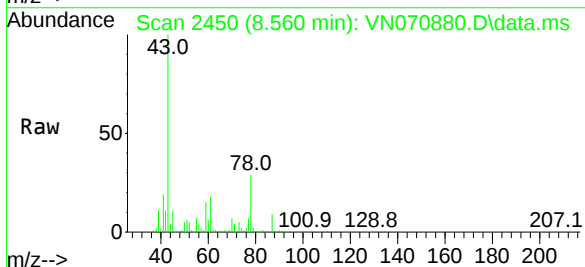
Tgt Ion: 43 Resp: 388503

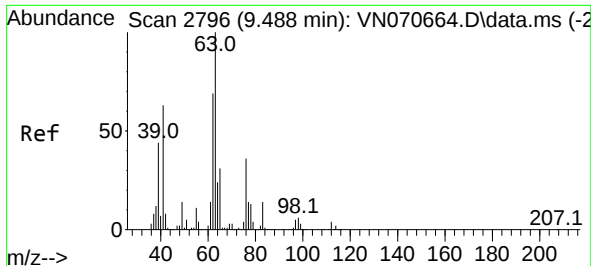
Ion Ratio Lower Upper

43 100

61 13.9 20.4 30.6#

87 8.7 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 1.368 ug/l

RT: 9.502 min Scan# 21

Delta R.T. 0.014 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

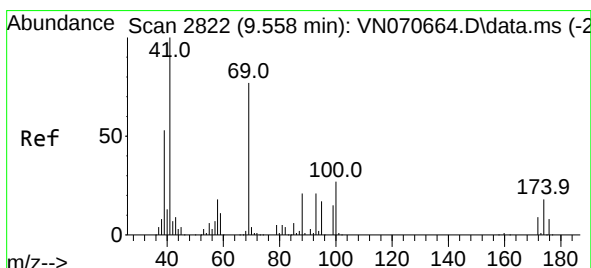
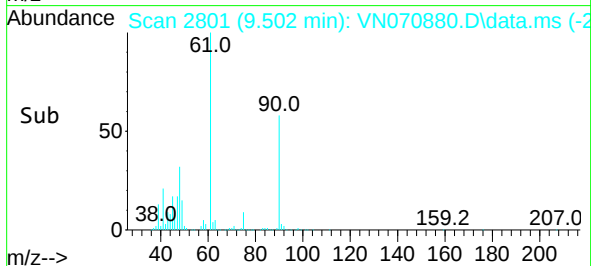
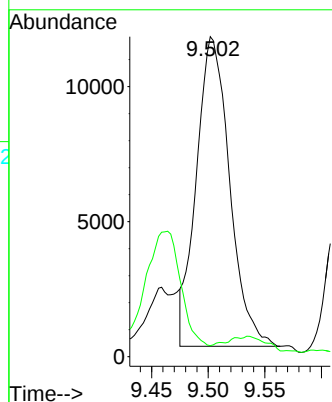
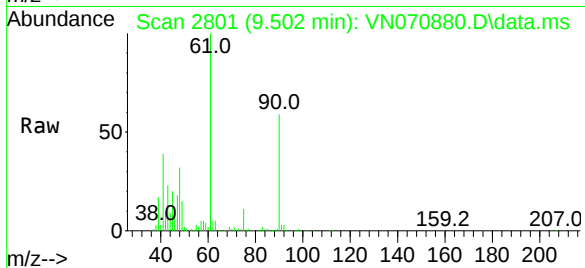
31534

Tgt Ion: 63 Resp: 23397

Ion Ratio Lower Upper

63 100

65 1.7 24.7 37.1#



#48

Methyl methacrylate

Concen: 20.160 ug/l

RT: 9.529 min Scan# 2811

Delta R.T. -0.029 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

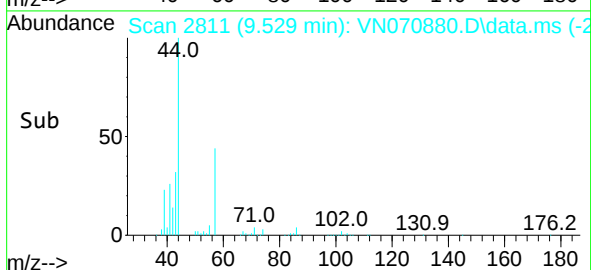
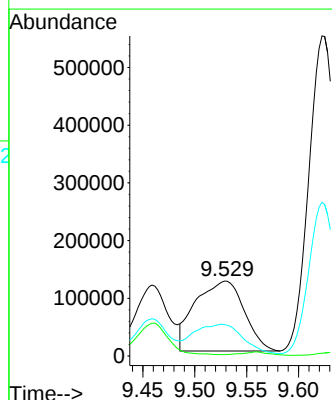
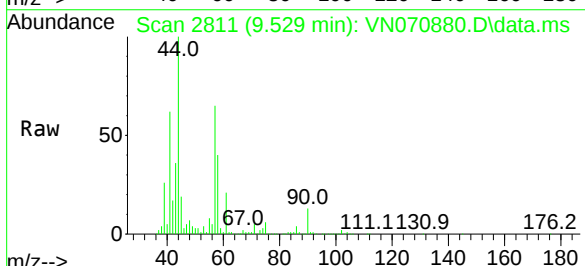
Tgt Ion: 41 Resp: 395022

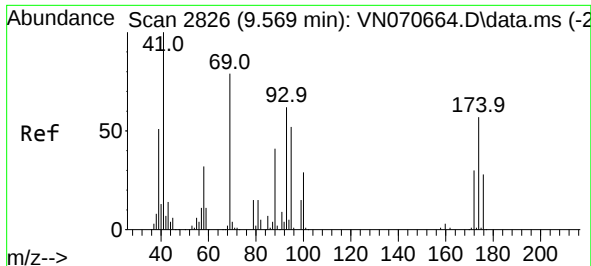
Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 41.2 58.4 87.6#

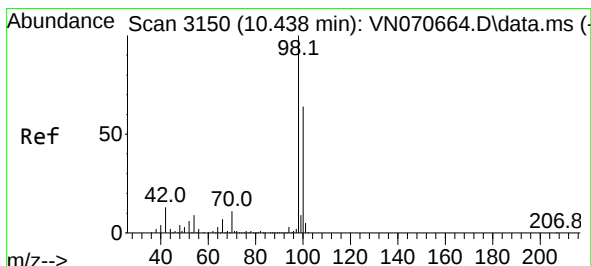
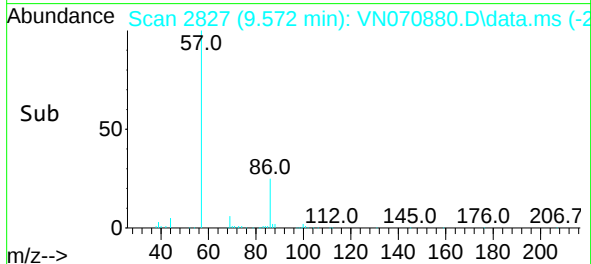
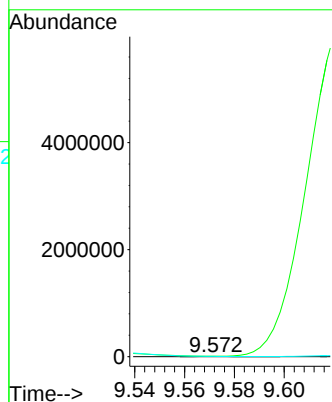
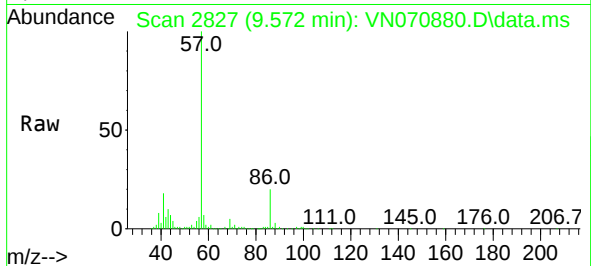




#49
1,4-Dioxane
Concen: 6.347 ug/l
RT: 9.572 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

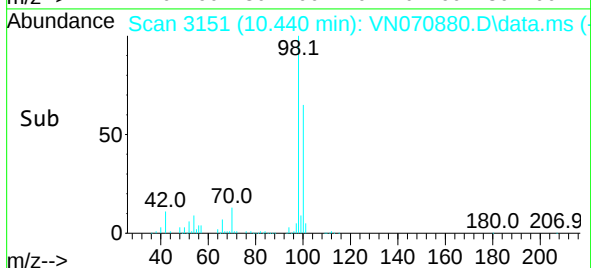
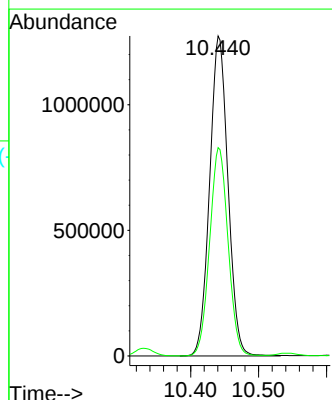
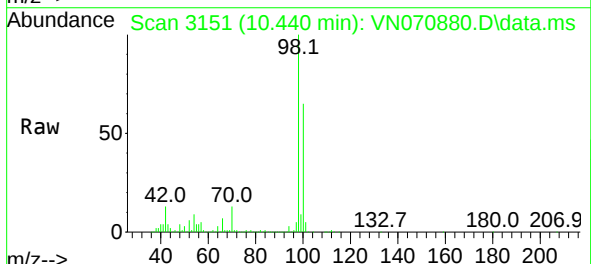
Instrument :
MSVOA_N
ClientSampleId :
31534

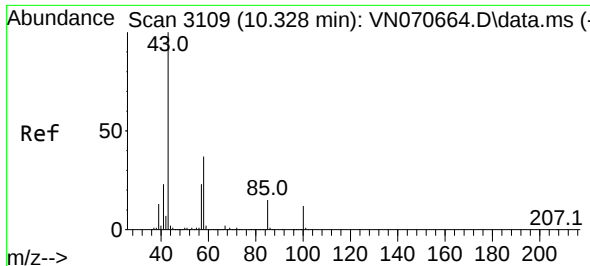
Tgt Ion: 88 Resp: 1868
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#



#50
Toluene-d8
Concen: 46.953 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 98 Resp: 2383156
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6

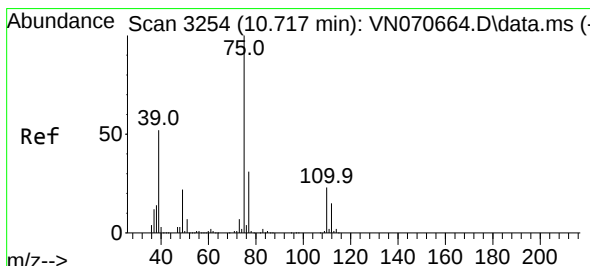
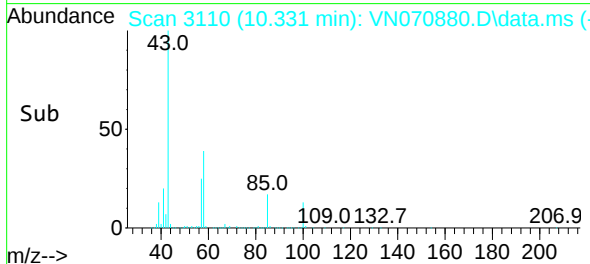
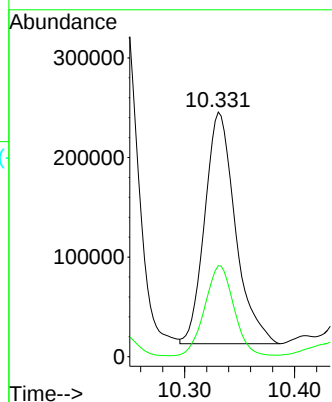
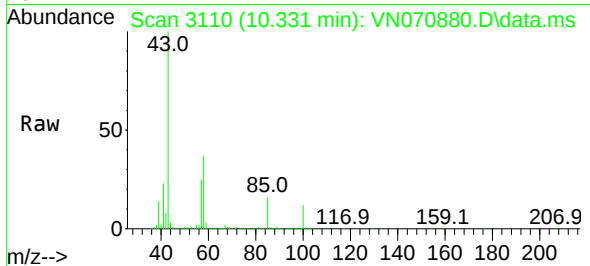




#51
4-Methyl-2-Pentanone
Concen: 17.139 ug/l
RT: 10.331 min Scan# 3109
Delta R.T. 0.003 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

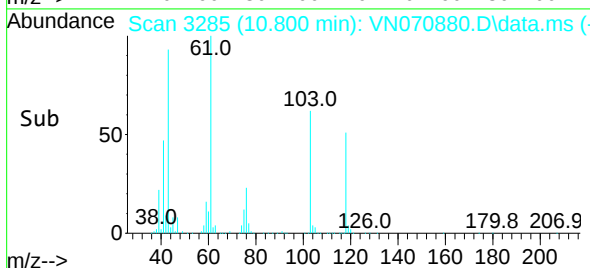
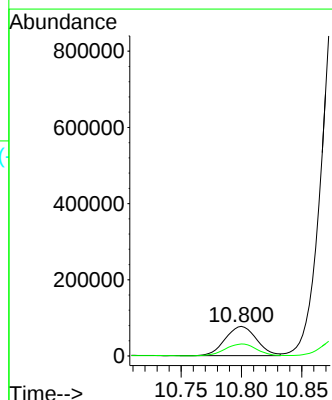
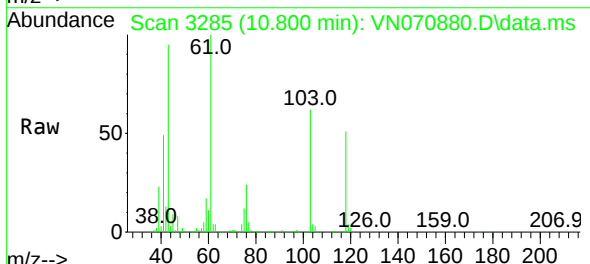
Instrument :
MSVOA_N
ClientSampleId :
31534

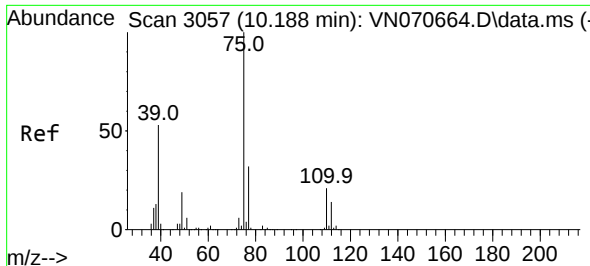
Tgt Ion: 43 Resp: 449814
Ion Ratio Lower Upper
43 100
58 37.0 30.4 45.6



#53
t-1,3-Dichloropropene
Concen: 7.781 ug/l
RT: 10.800 min Scan# 3285
Delta R.T. 0.083 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 75 Resp: 139230
Ion Ratio Lower Upper
75 100
77 40.3 25.6 38.4#

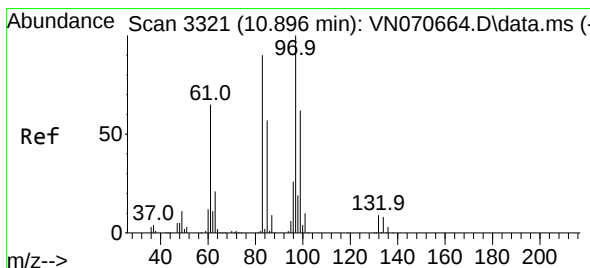
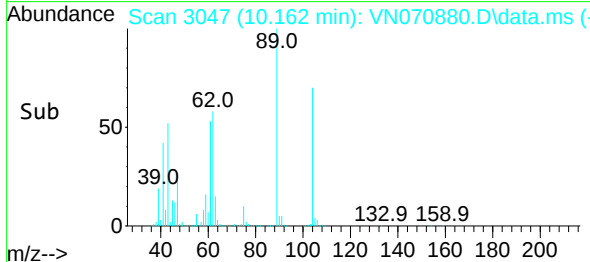
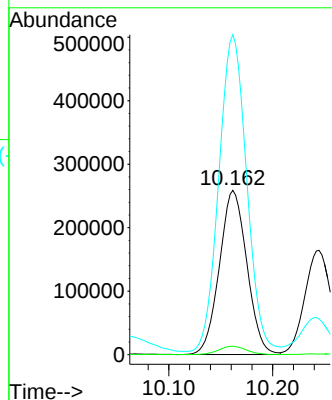
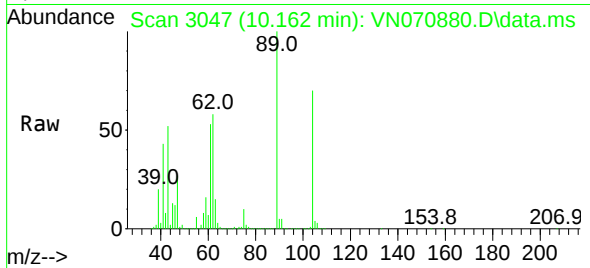




#54
 cis-1,3-Dichloropropene
 Concen: 19.509 ug/l
 RT: 10.162 min Scan# 3057
 Delta R.T. -0.026 min
 Lab File: VN070880.D
 Acq: 1 Feb 2022 19:02

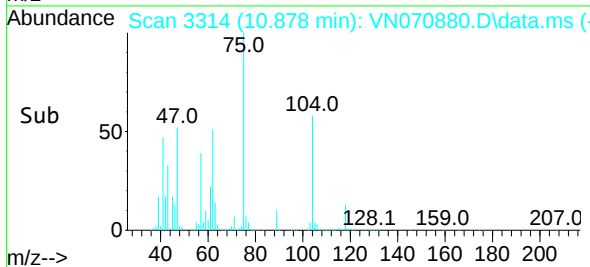
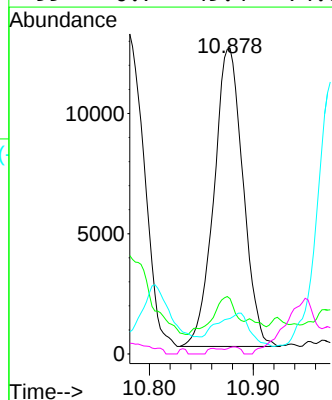
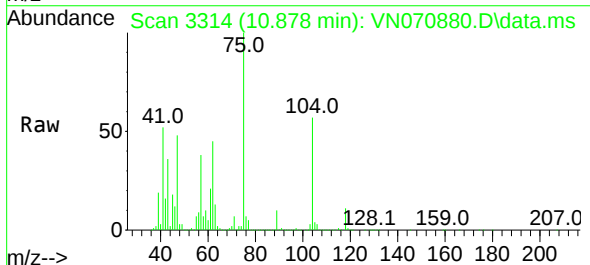
Instrument :
 MSVOA_N
 ClientSampleId :
 31534

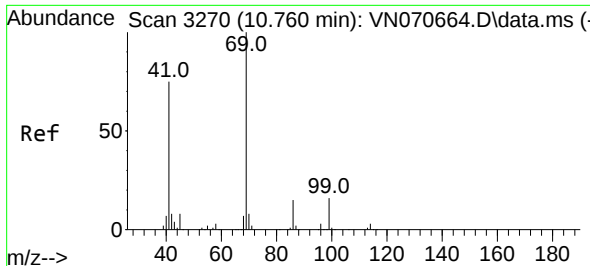
Tgt Ion: 75 Resp: 475510
 Ion Ratio Lower Upper
 75 100
 77 5.1 26.4 39.6#
 39 192.8 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 1.631 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.018 min
 Lab File: VN070880.D
 Acq: 1 Feb 2022 19:02

Tgt Ion: 97 Resp: 24085
 Ion Ratio Lower Upper
 97 100
 83 11.5 67.8 101.6#
 85 9.0 45.4 68.2#
 99 0.7 49.4 74.0#

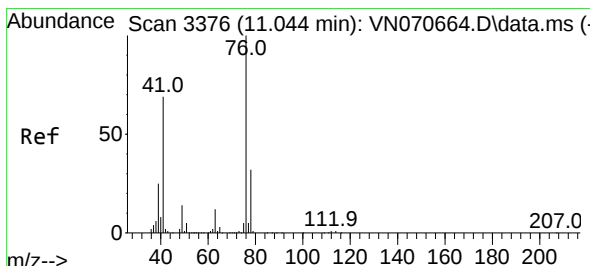
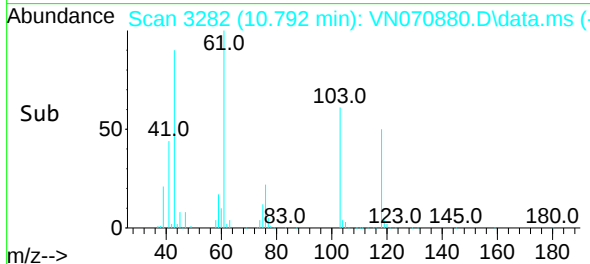
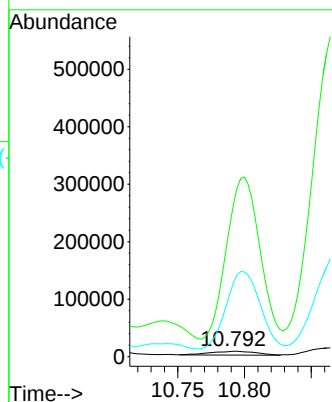
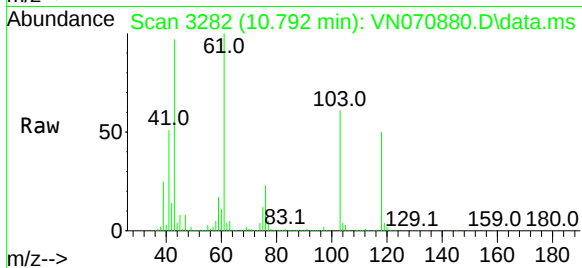




#56
Ethyl methacrylate
Concen: 2.850 ug/l
RT: 10.792 min Scan# 31534
Delta R.T. 0.032 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

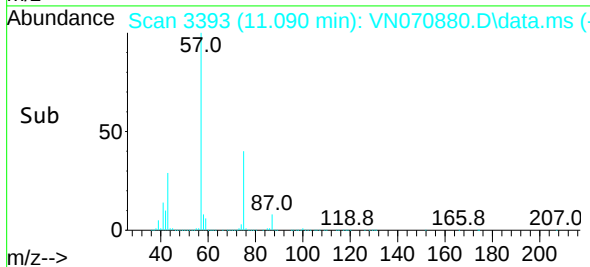
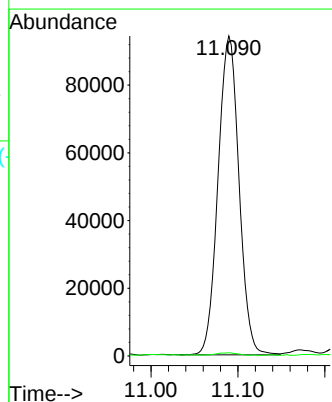
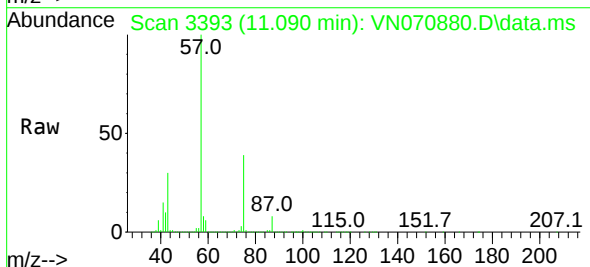
Instrument :
MSVOA_N
ClientSampleId :
31534

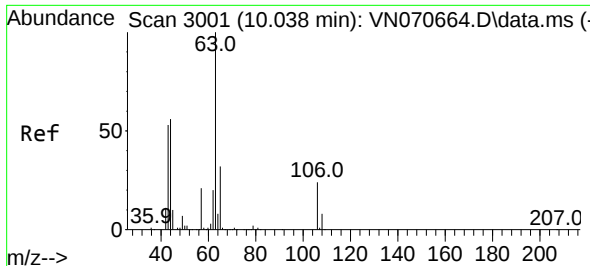
Tgt Ion: 69 Resp: 16151
Ion Ratio Lower Upper
69 100
41 3060.1 51.4 77.0#
39 0.0 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 6.024 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.046 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 76 Resp: 157487
Ion Ratio Lower Upper
76 100
78 0.7 25.7 38.5#

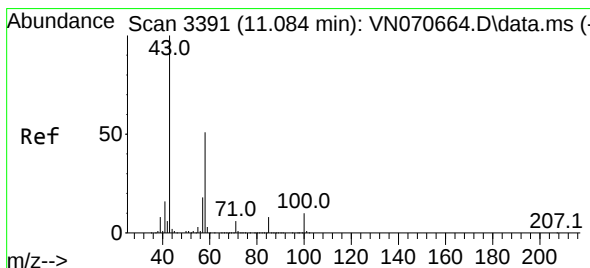
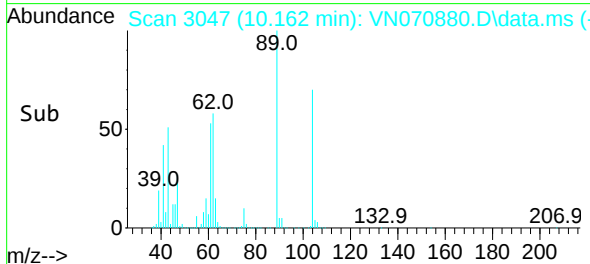
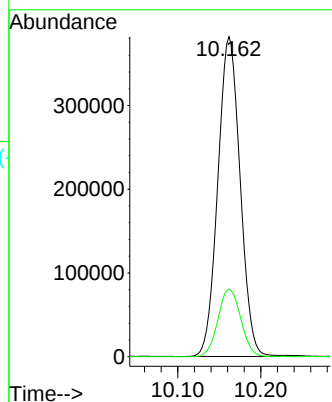
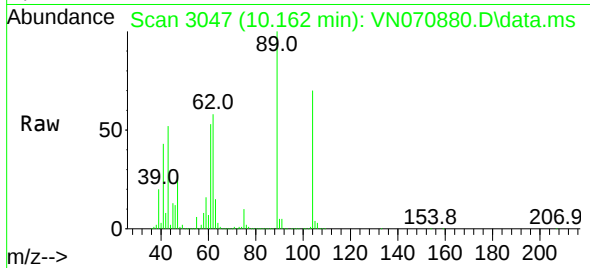




#58
2-Chloroethyl Vinyl ether
Concen: 112.734 ug/l
RT: 10.162 min Scan# 3001
Delta R.T. 0.124 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

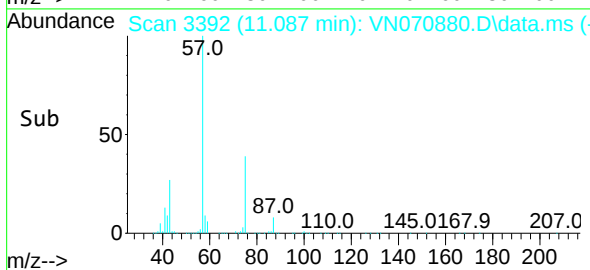
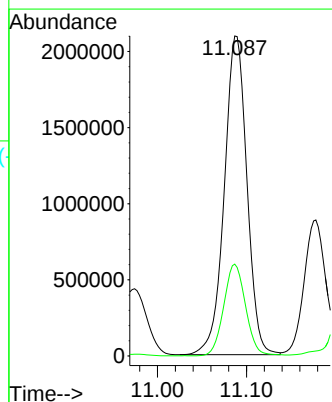
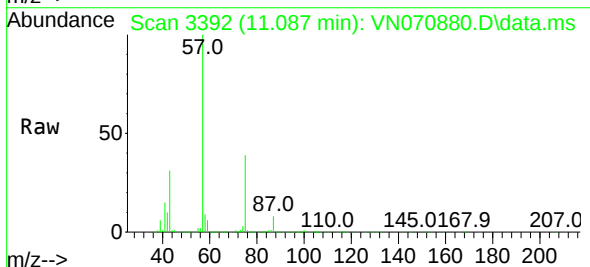
Instrument :
MSVOA_N
ClientSampleId :
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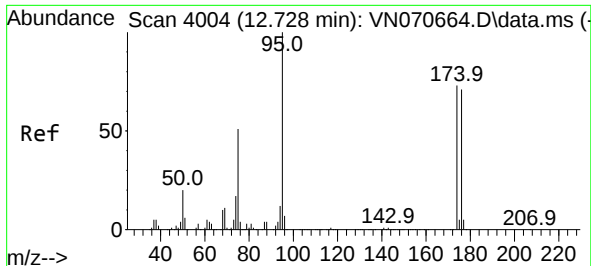
Tgt Ion: 63 Resp: 712474
Ion Ratio Lower Upper
63 100
106 21.7 23.9 35.9#



#59
2-Hexanone
Concen: 193.934 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 43 Resp: 3697485
Ion Ratio Lower Upper
43 100
58 27.8 26.9 80.7

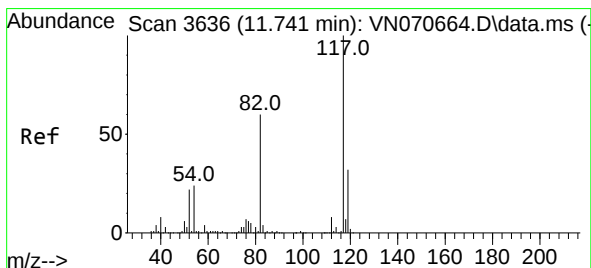
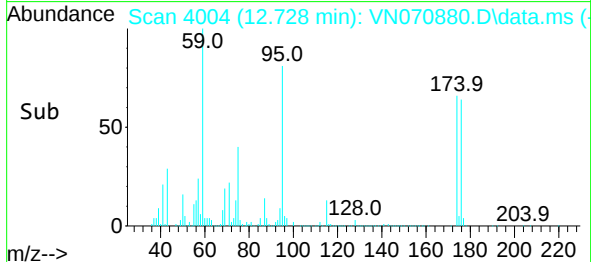
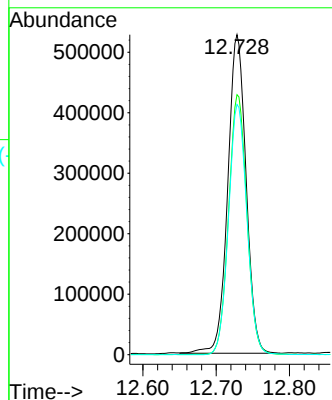
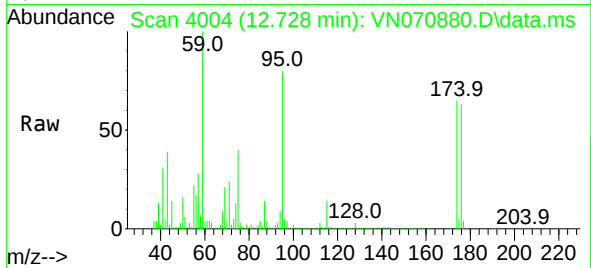




#62
4-Bromofluorobenzene
Concen: 50.500 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

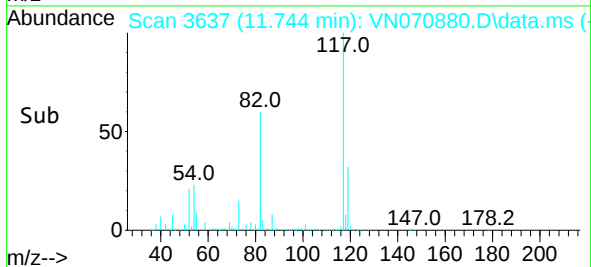
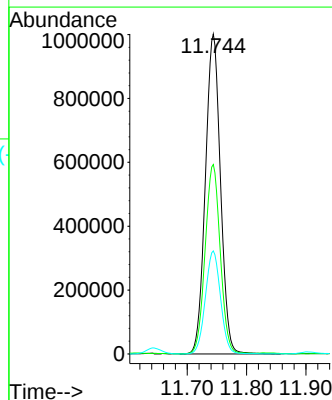
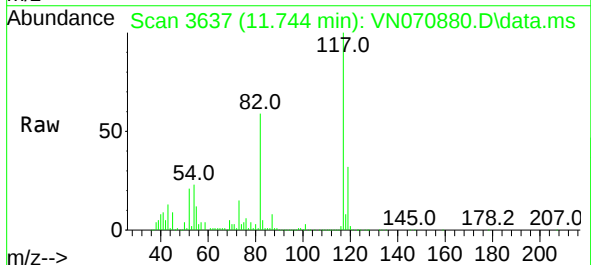
Instrument :
MSVOA_N
ClientSampleId :
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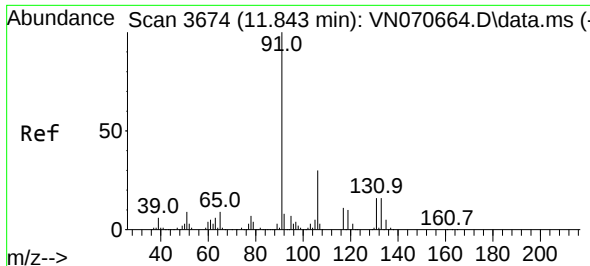
Tgt Ion: 95 Resp: 913385
Ion Ratio Lower Upper
95 100
174 81.2 0.0 187.2
176 78.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 117 Resp: 1764952
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.2 25.4 38.2

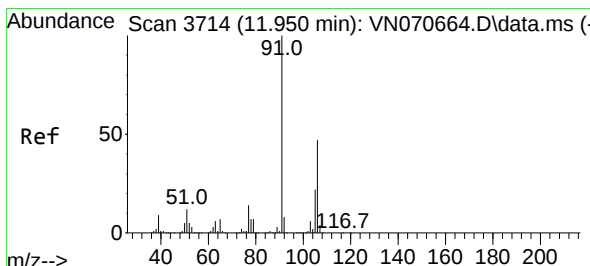
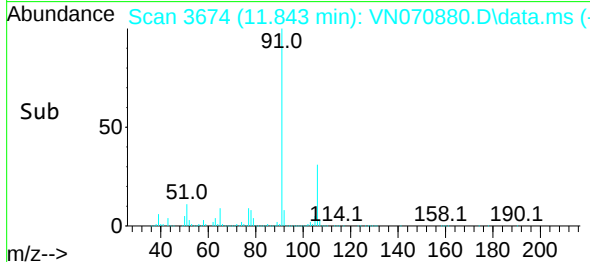
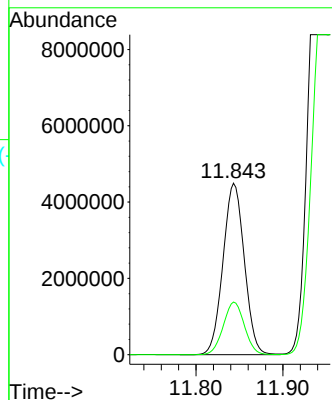
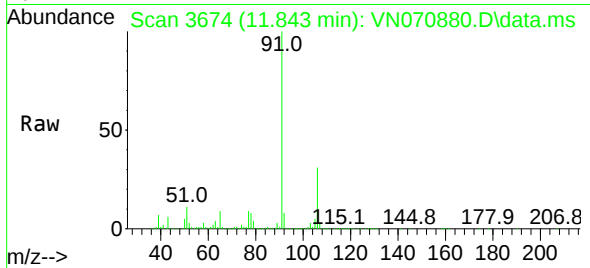




#67
Ethyl Benzene
Concen: 108.060 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

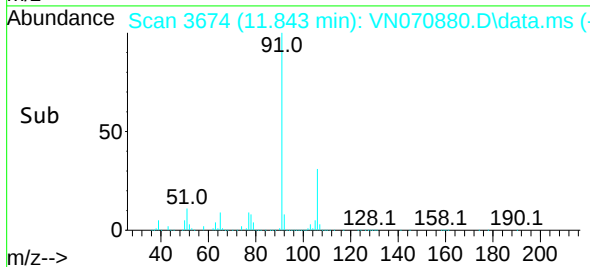
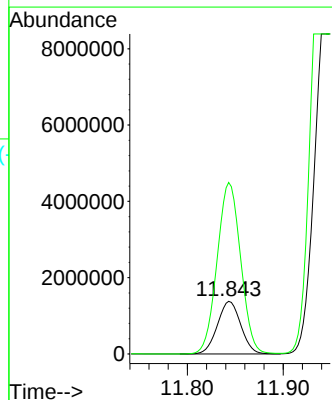
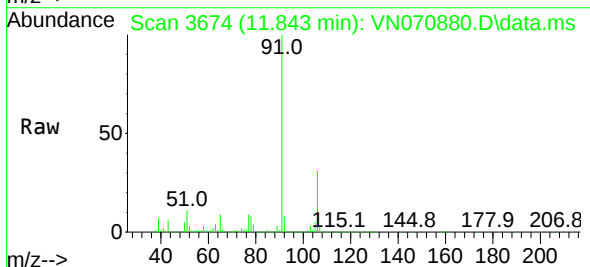
Instrument :
MSVOA_N
ClientSampleId :
31534

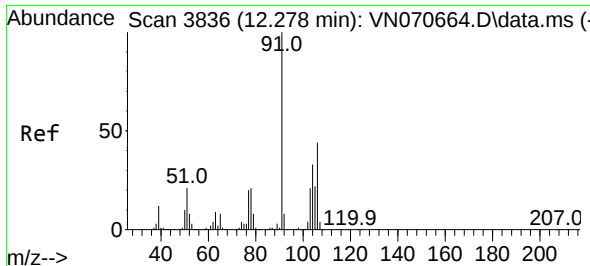
Tgt Ion: 91 Resp: 7661157
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5



#68
m/p-Xylenes
Concen: 90.417 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.107 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion:106 Resp: 2331985
Ion Ratio Lower Upper
106 100
91 328.5 160.6 240.8#

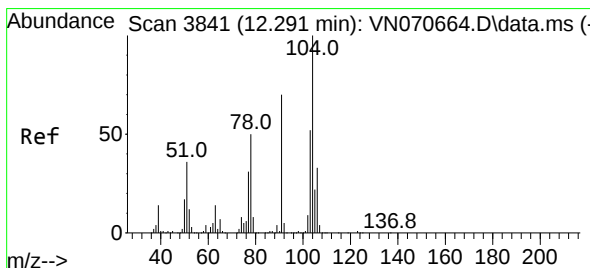
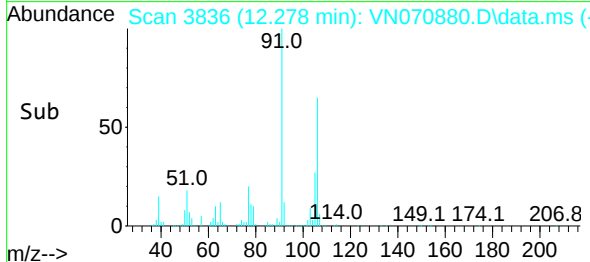
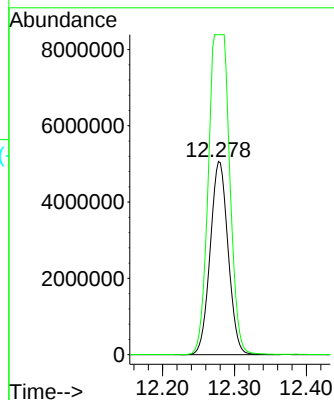
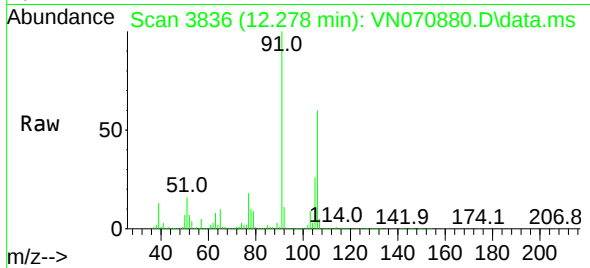




#69
o-Xylene
Concen: 342.036 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

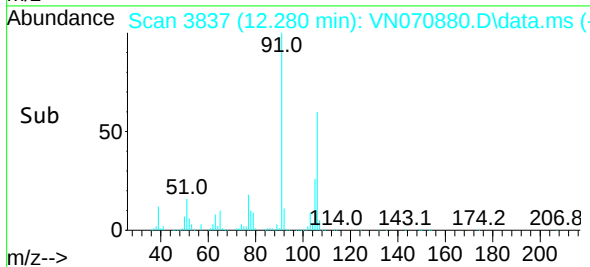
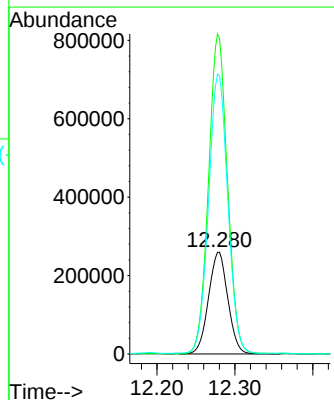
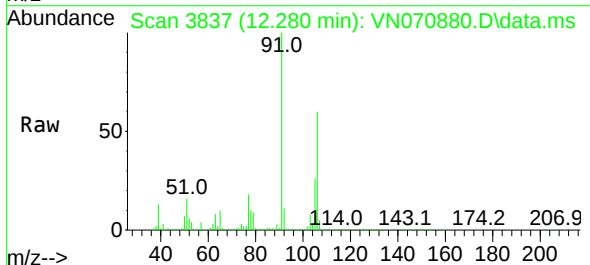
Instrument :
MSVOA_N
ClientSampleId :
31534

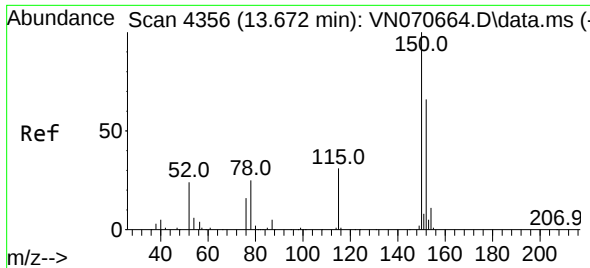
Tgt Ion:106 Resp: 8754488
Ion Ratio Lower Upper
106 100
91 0.0 105.8 317.3#



#70
Styrene
Concen: 10.912 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.011 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion:104 Resp: 446808
Ion Ratio Lower Upper
104 100
78 307.9 38.7 58.1#
103 273.4 45.0 67.6#

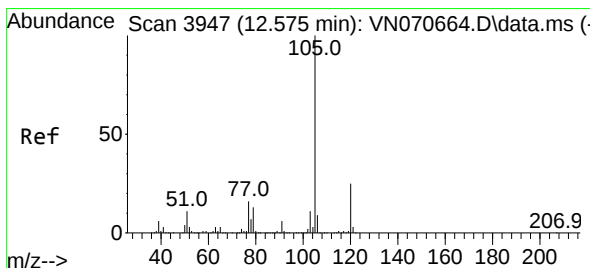
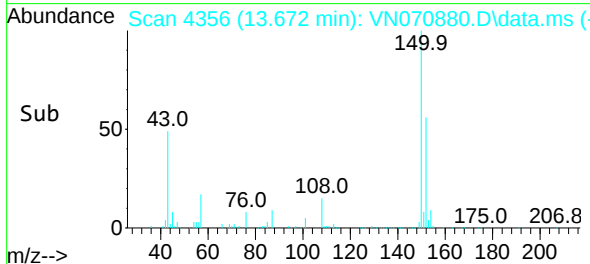
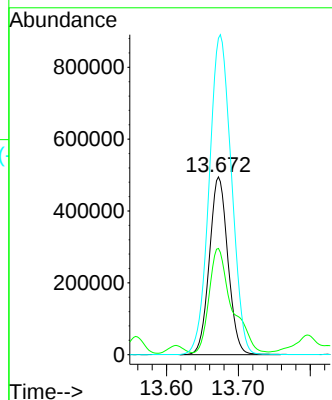
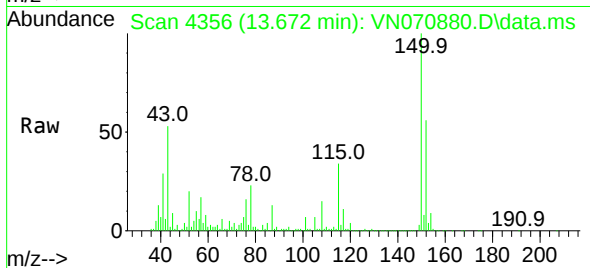




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

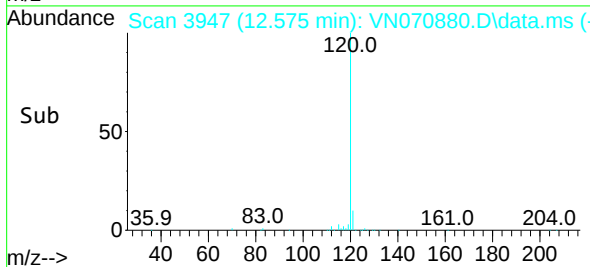
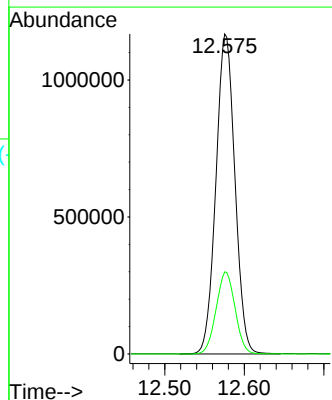
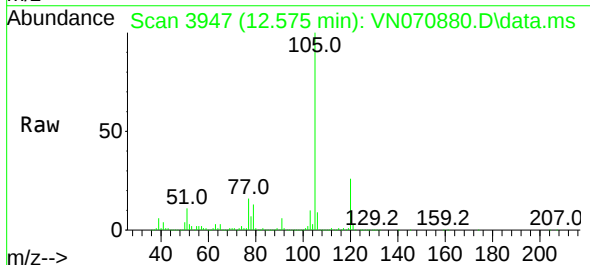
Instrument :
MSVOA_N
ClientSampleId :
31534

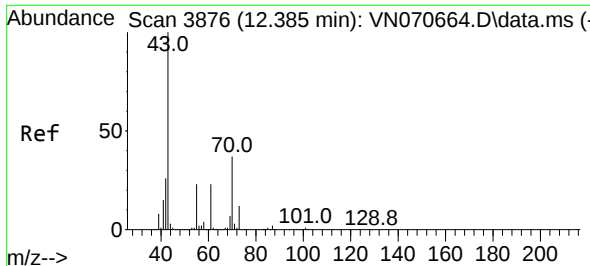
Tgt Ion:152 Resp: 886382
Ion Ratio Lower Upper
152 100
115 71.9 27.5 82.5
150 215.6 0.0 344.4



#73
Isopropylbenzene
Concen: 23.059 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

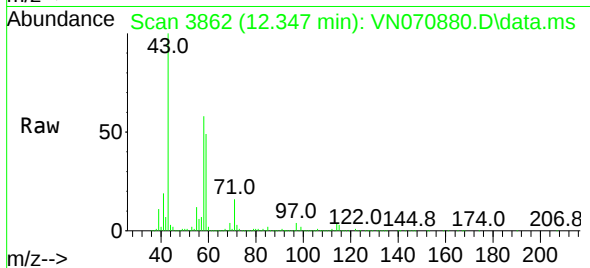
Tgt Ion:105 Resp: 1933667
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1





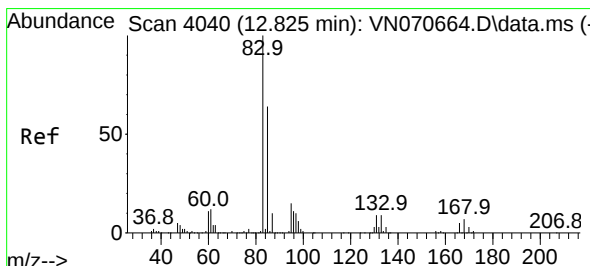
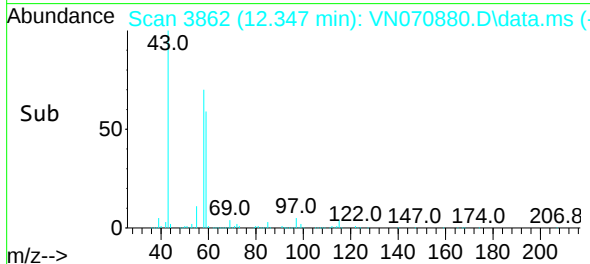
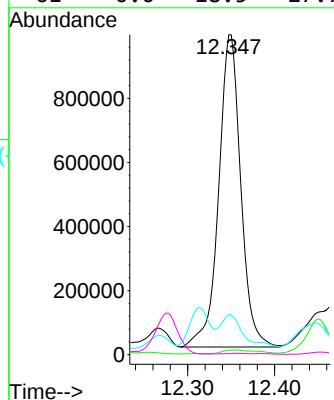
#74
N-amy1 acetate
Concen: 50.205 ug/l
RT: 12.347 min Scan# 31534
Delta R.T. -0.038 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Instrument :
MSVOA_N
ClientSampleId :
31534



Tgt Ion: 43 Resp: 1721320

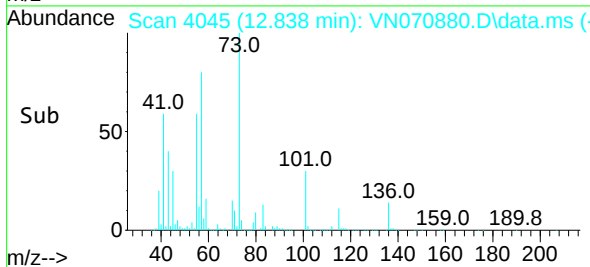
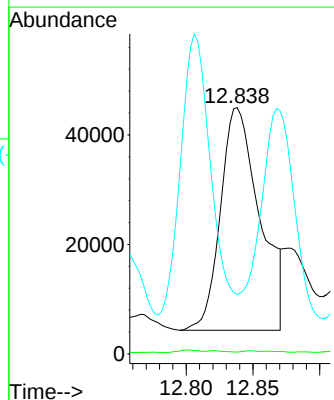
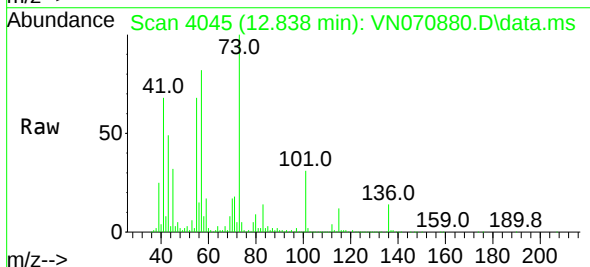
Ion	Ratio	Lower	Upper
43	100		
70	1.9	33.4	50.0#
55	10.9	19.3	28.9#
61	0.0	18.5	27.7#

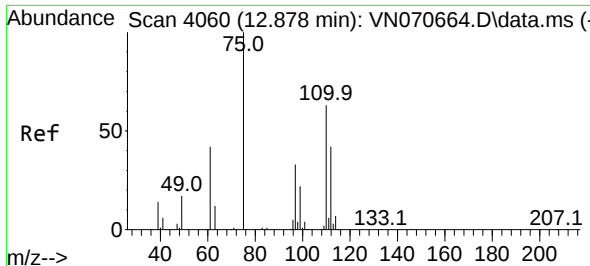


#75
1,1,2,2-Tetrachloroethane
Concen: 2.936 ug/l
RT: 12.838 min Scan# 4045
Delta R.T. 0.013 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 83 Resp: 83151

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.5#
85	0.0	32.4	97.2#

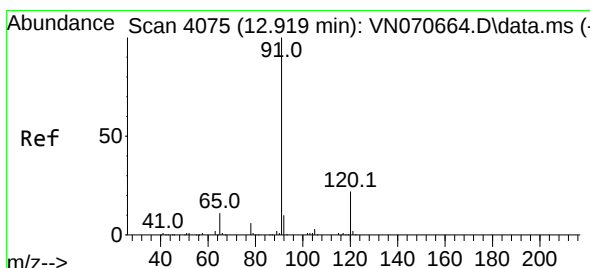
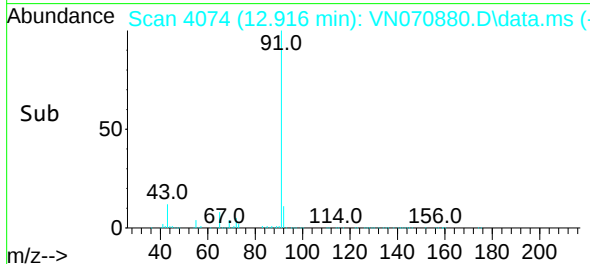
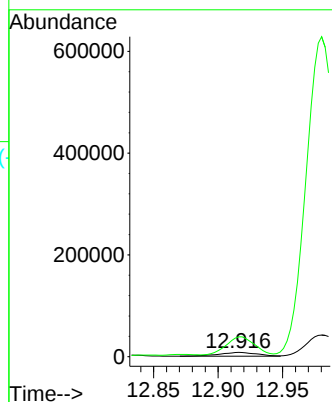
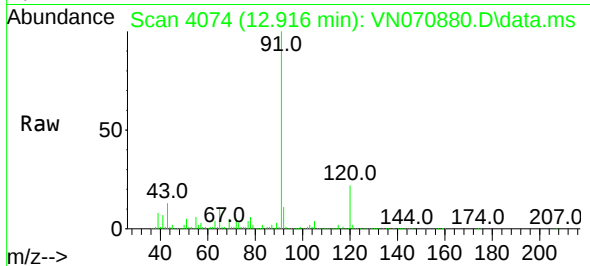




#76
1,2,3-Trichloropropane
Concen: 0.642 ug/l
RT: 12.916 min Scan# 4060
Delta R.T. 0.038 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

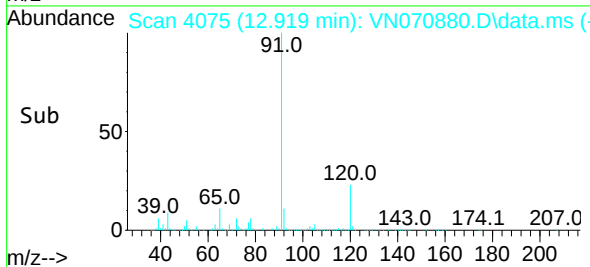
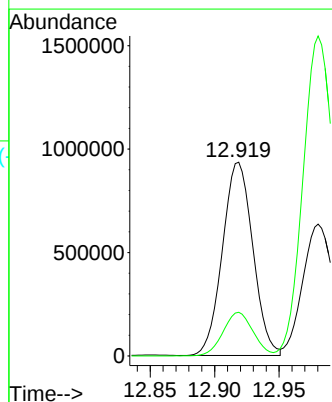
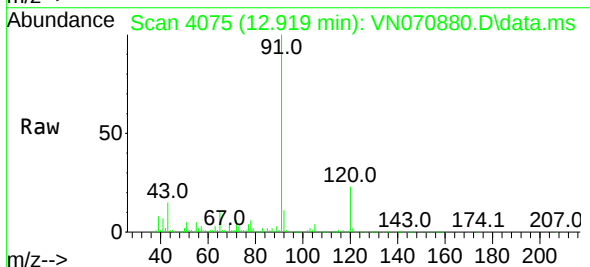
Instrument :
MSVOA_N
ClientSampleId :
31534

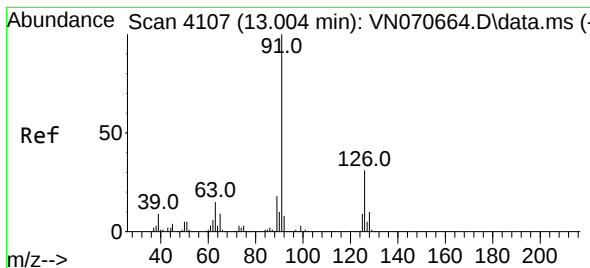
Tgt Ion: 75 Resp: 15102
Ion Ratio Lower Upper
75 100
77 355.4 82.6 247.8#



#78
n-propylbenzene
Concen: 16.377 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 91 Resp: 1535846
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9





#79

2-Chlorotoluene

Concen: 17.162 ug/l

RT: 12.980 min Scan# 4107

Delta R.T. -0.024 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

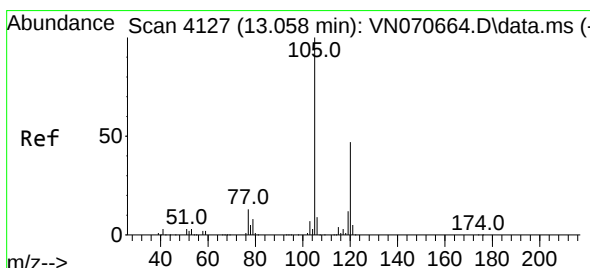
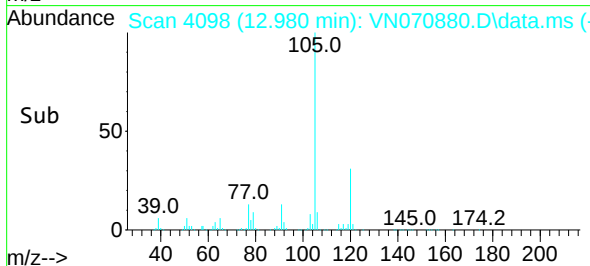
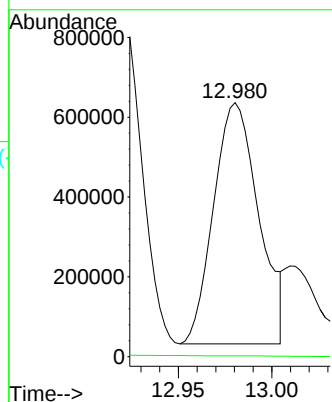
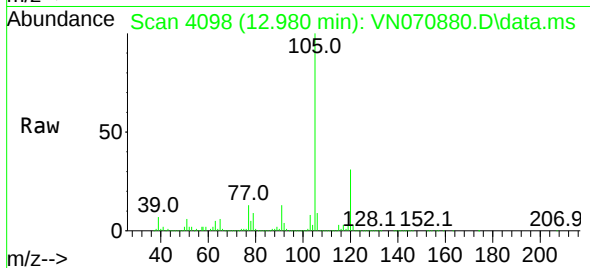
31534

Tgt Ion: 91 Resp: 1018109

Ion Ratio Lower Upper

91 100

126 0.0 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 124.844 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. 0.000 min

Lab File: VN070880.D

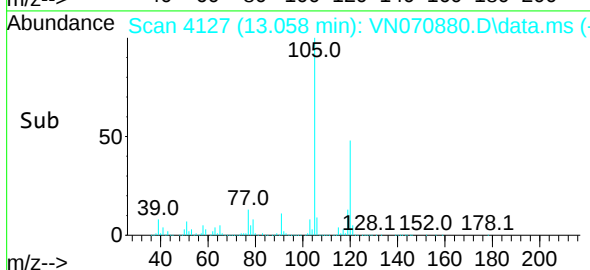
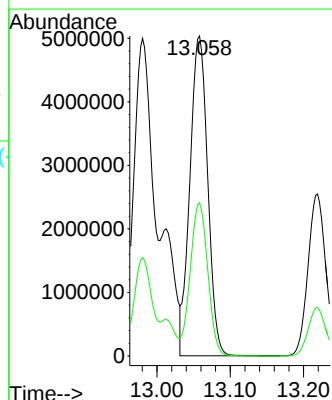
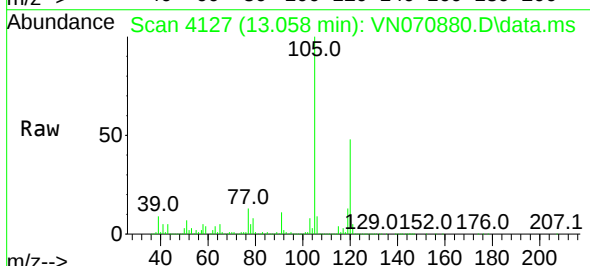
Acq: 1 Feb 2022 19:02

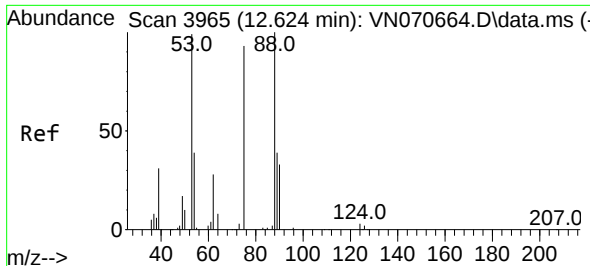
Tgt Ion:105 Resp: 8466017

Ion Ratio Lower Upper

105 100

120 47.3 24.6 73.6

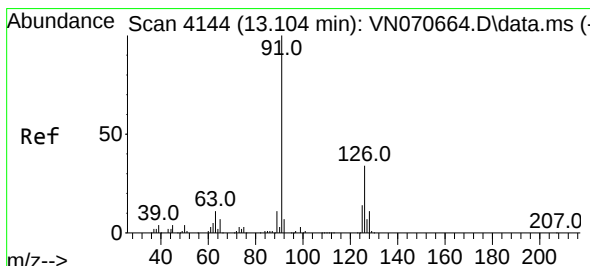
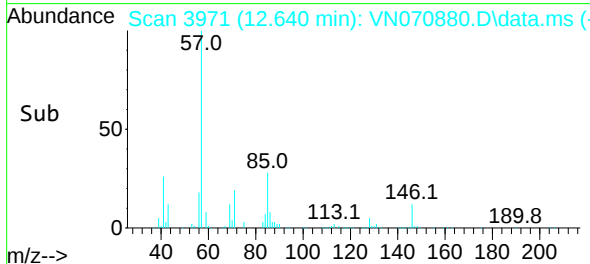
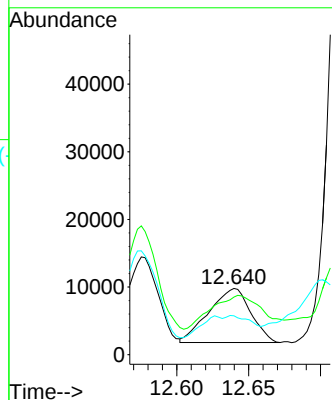
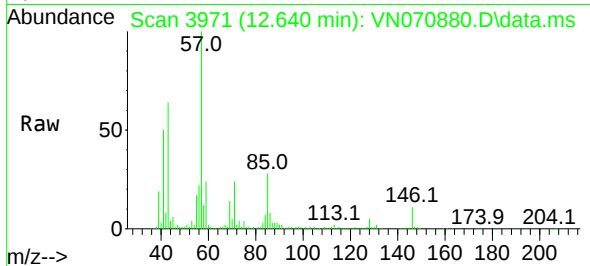




#81
trans-1,4-Dichloro-2-butene
Concen: 2.045 ug/l
RT: 12.640 min Scan# 3965
Delta R.T. 0.016 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

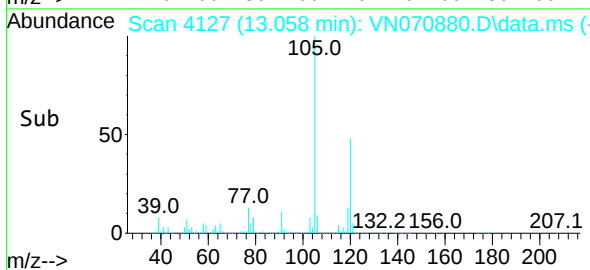
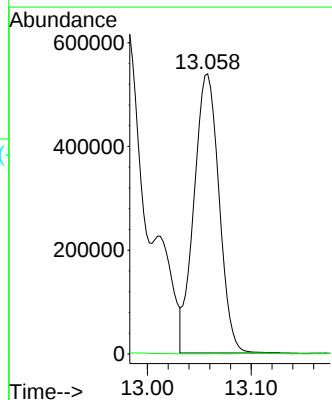
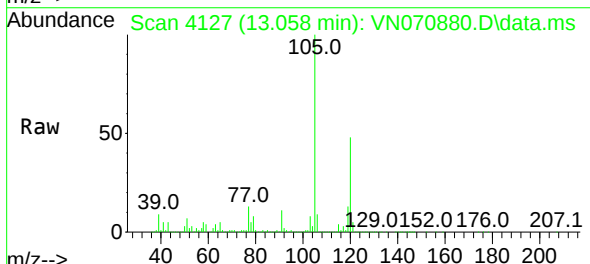
Instrument :
MSVOA_N
ClientSampleId :
31534

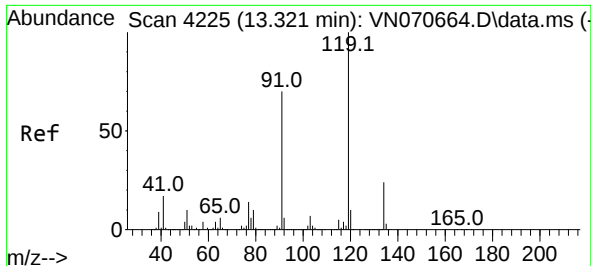
Tgt Ion: 75 Resp: 16134
Ion Ratio Lower Upper
75 100
53 76.1 90.5 135.7#
89 20.2 38.2 57.4#



#82
4-Chlorotoluene
Concen: 16.242 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.046 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

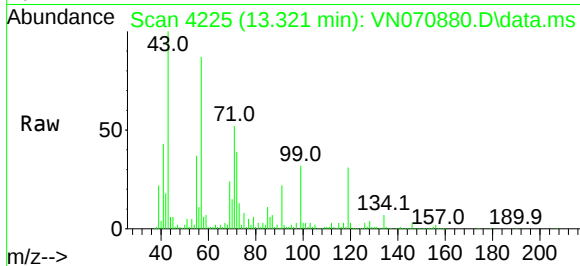
Tgt Ion: 91 Resp: 900238
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



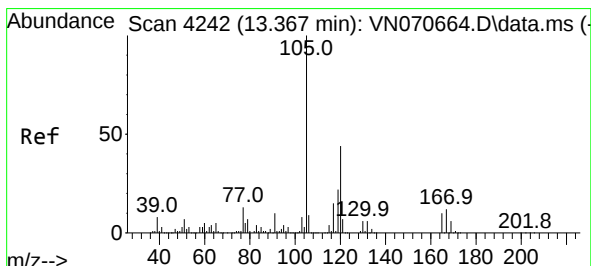
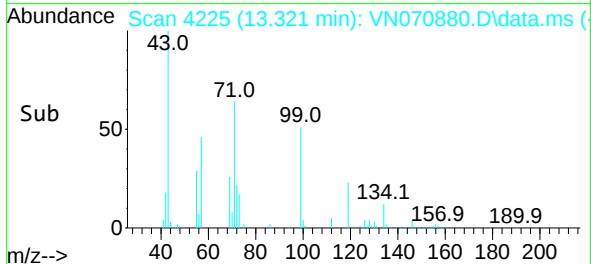
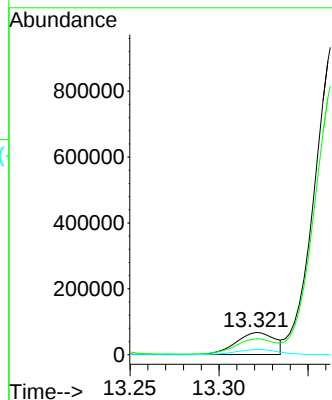


#83
tert-Butylbenzene
Concen: 1.726 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Instrument :
MSVOA_N
ClientSampleId :
31534

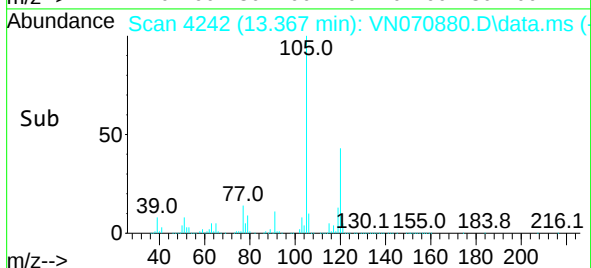
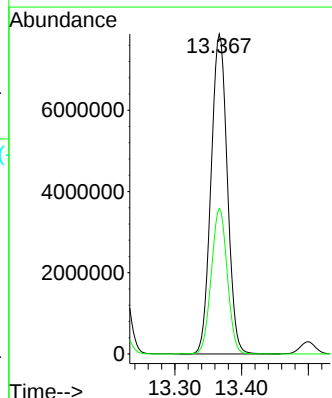
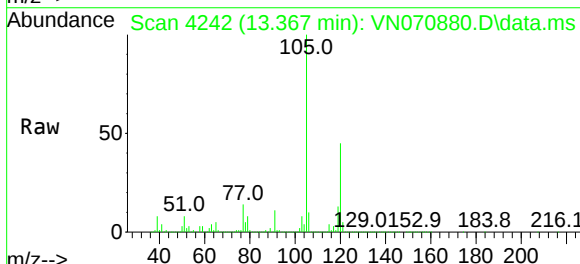


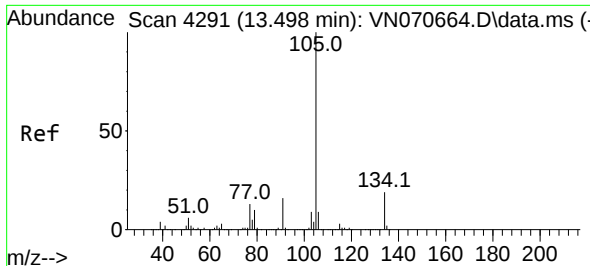
Tgt Ion:119 Resp: 101862
Ion Ratio Lower Upper
119 100
91 70.7 31.5 94.5
134 26.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 204.574 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion:105 Resp:13334856
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4

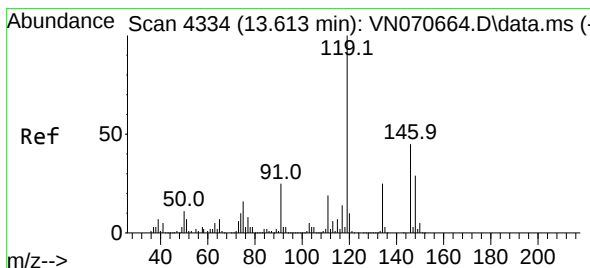
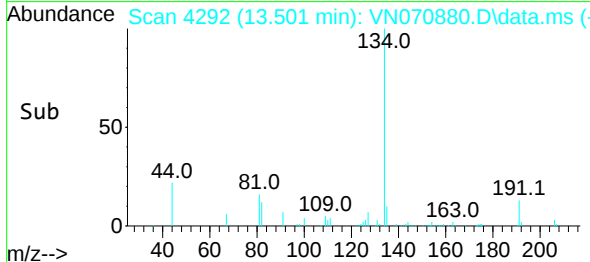
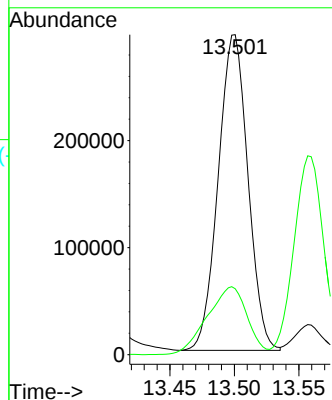
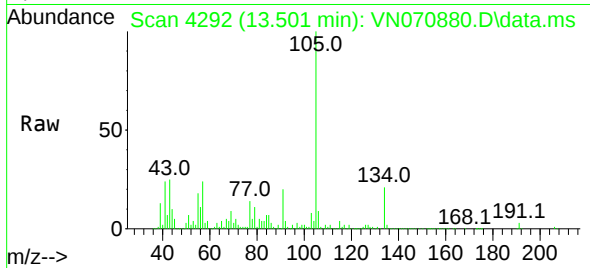




#85
 sec-Butylbenzene
 Concen: 5.901 ug/l
 RT: 13.501 min Scan# 4291
 Delta R.T. 0.003 min
 Lab File: VN070880.D
 Acq: 1 Feb 2022 19:02

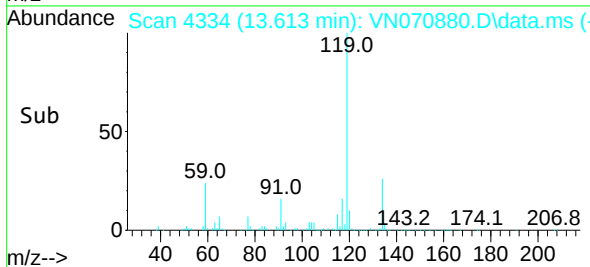
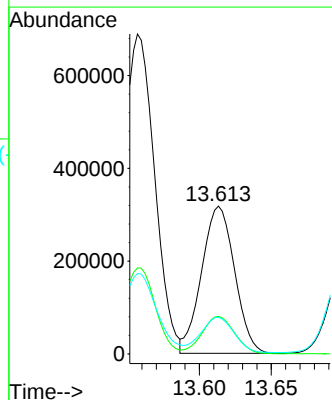
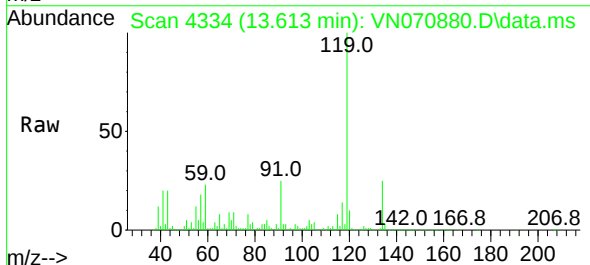
Instrument :
 MSVOA_N
 ClientSampleId :
 31534

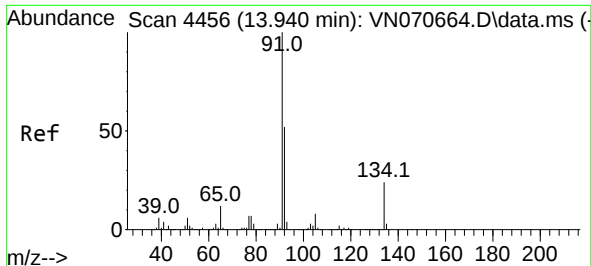
Tgt Ion:105 Resp: 473598
 Ion Ratio Lower Upper
 105 100
 134 29.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 8.022 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070880.D
 Acq: 1 Feb 2022 19:02

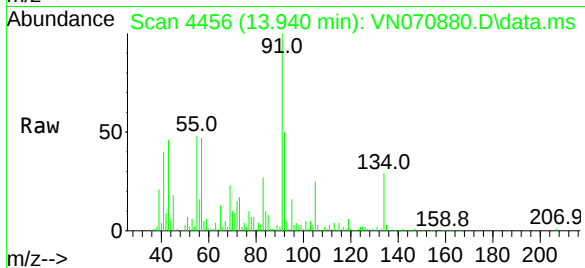
Tgt Ion:119 Resp: 505748
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.6 40.7
 91 24.0 11.4 34.1



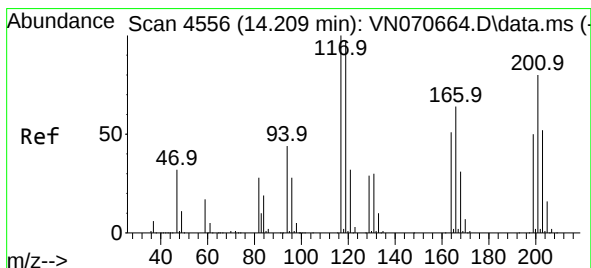
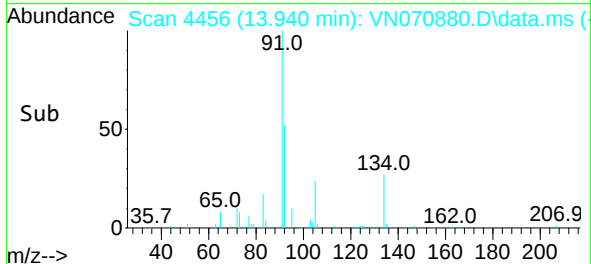
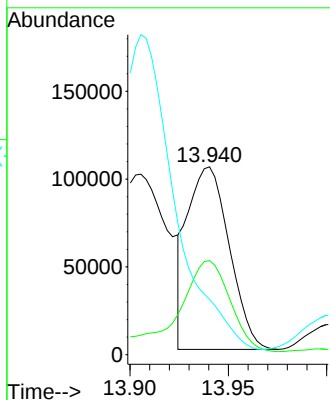


#89
n-Butylbenzene
Concen: 2.949 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Instrument :
MSVOA_N
ClientSampleId :
31534

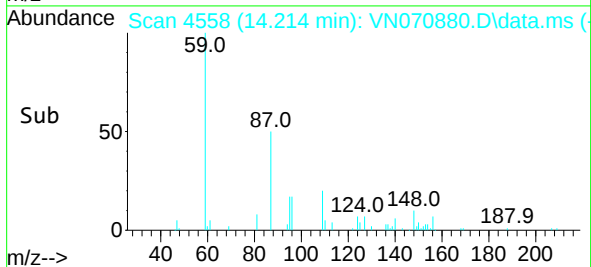
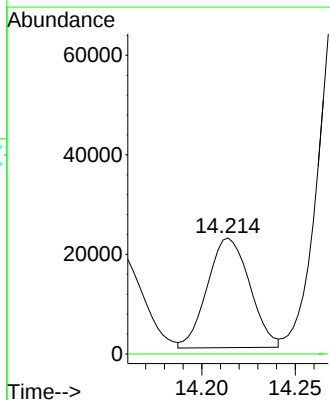
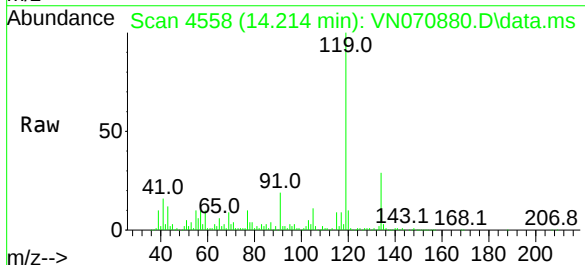


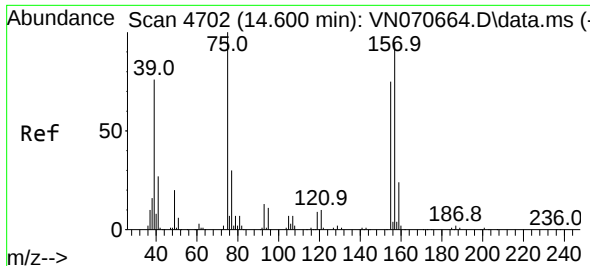
Tgt Ion: 91 Resp: 153367
Ion Ratio Lower Upper
91 100
92 55.5 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 3.153 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.005 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion: 117 Resp: 34747
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

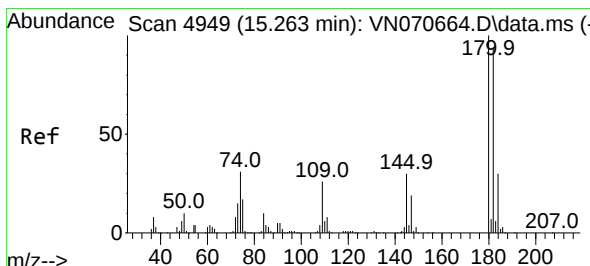
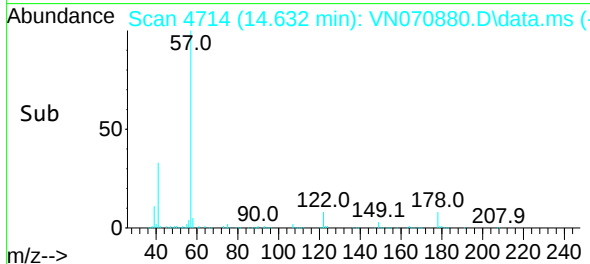
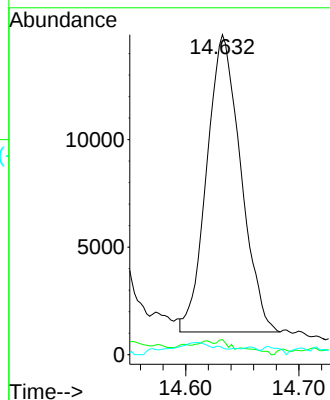
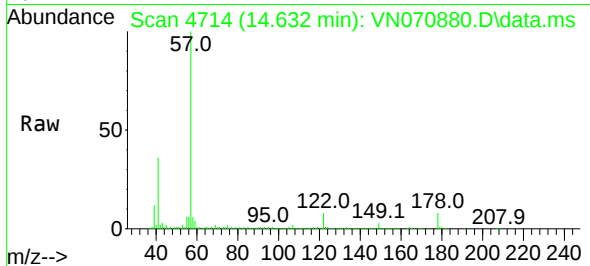




#92
1,2-Dibromo-3-Chloropropane
Concen: 6.004 ug/l
RT: 14.632 min Scan# 41
Delta R.T. 0.032 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

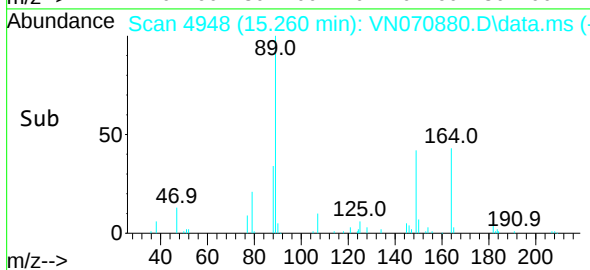
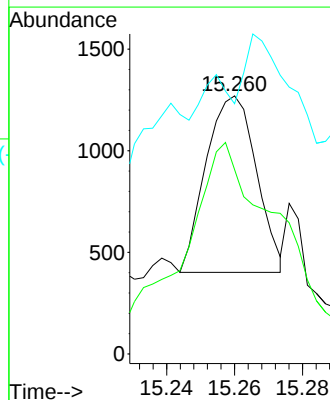
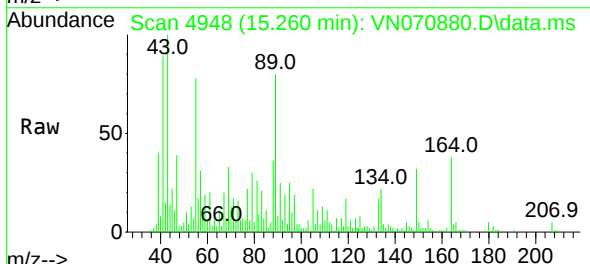
Instrument :
MSVOA_N
ClientSampleId :
31534

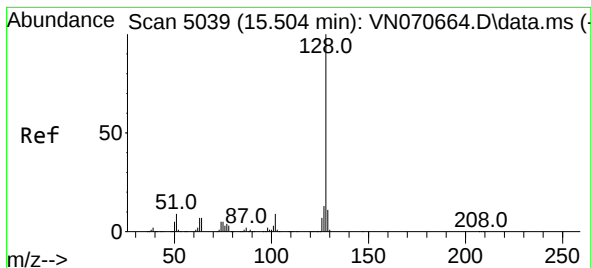
Tgt Ion: 75 Resp: 28844
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 3.476 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.003 min
Lab File: VN070880.D
Acq: 1 Feb 2022 19:02

Tgt Ion:180 Resp: 892
Ion Ratio Lower Upper
180 100
182 235.2 48.3 144.9#
145 133.6 14.5 43.5#





#95

Naphthalene

Concen: 8.758 ug/l

RT: 15.501 min Scan# 5109

Delta R.T. -0.003 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

31534

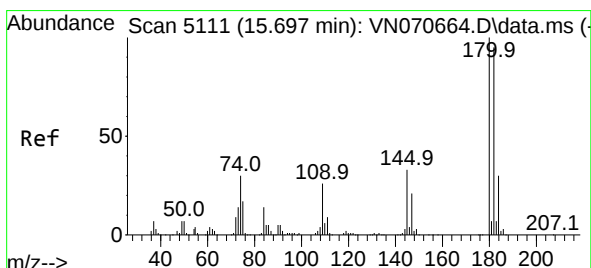
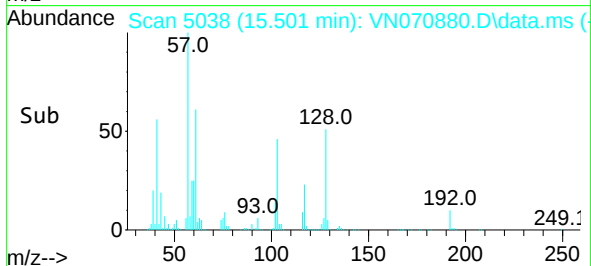
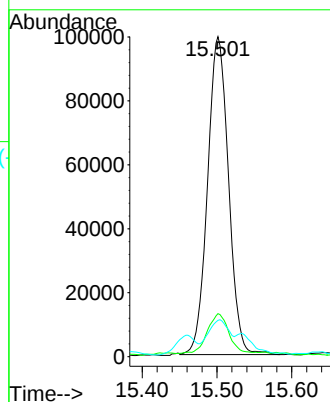
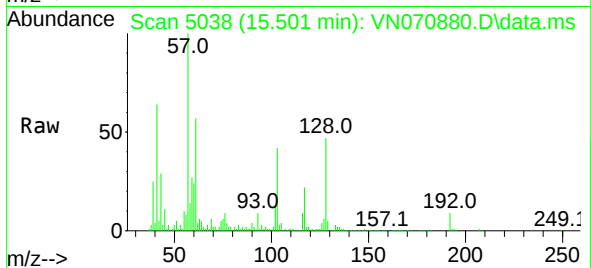
Tgt Ion:128 Resp: 194321

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 6.6 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 3.327 ug/l

RT: 15.692 min Scan# 5109

Delta R.T. -0.005 min

Lab File: VN070880.D

Acq: 1 Feb 2022 19:02

Tgt Ion:180 Resp: 1851

Ion Ratio Lower Upper

180 100

182 1876.4 47.4 142.2#

145 0.0 15.0 45.1#

