

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070875.D
 Acq On : 1 Feb 2022 16:55
 Operator : JC/MD
 Sample : N1342-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31524

Quant Time: Feb 02 00:36:27 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	8.083	168	1113247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1752588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1497714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	722046	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	738269	46.273	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.540%
35) Dibromofluoromethane	8.021	113	522173	48.032	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.060%
50) Toluene-d8	10.440	98	2143579	46.805	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.600%
62) 4-Bromofluorobenzene	12.728	95	788162	48.295	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.580%

Target Compounds						Qvalue
3) Chloromethane	2.258	50	47089	2.504	ug/l #	66
8) Diethyl Ether	3.821	74	4952632	554.939	ug/l	81
11) Tert butyl alcohol	5.385	59	18432514	6403.702	ug/l	97
13) Acrolein	4.047	56	2142	0.519	ug/l #	14
14) Allyl chloride	4.851	41	55052	2.052	ug/l #	21
15) Acrylonitrile	5.616	53	55345	6.044	ug/l #	36
16) Acetone	4.283	43	15355788	1386.697	ug/l	97
17) Carbon Disulfide	4.529	76	27610	0.825	ug/l	98
18) Methyl Acetate	4.851	43	4204880	193.081	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	4484164	101.922	ug/l #	80
20) Methylene Chloride	5.090	84	28125	1.928	ug/l #	89
22) Diisopropyl ether	6.498	45	9229704	173.532	ug/l #	1
23) Vinyl Acetate	6.495	43	500293	11.096	ug/l #	76
24) 1,1-Dichloroethane	6.493	63	61234	2.302	ug/l #	83
25) 2-Butanone	7.335	43	14913206	1070.242	ug/l	94
26) 2,2-Dichloropropane	7.168	77	206850	10.141	ug/l #	52
28) Bromochloromethane	7.659	49	15110	1.265	ug/l #	9
29) Tetrahydrofuran	7.683	42	702596	82.347	ug/l #	80
30) Chloroform	7.780	83	1245	Below Cal	#	18
31) Cyclohexane	8.094	56	964631	34.335	ug/l	88
36) 1,1-Dichloropropene	8.464	75	3055042	166.926	ug/l #	41
37) Ethyl Acetate	7.335	43	14913206	613.774	ug/l #	68
38) Carbon Tetrachloride	8.086	117	112104	6.885	ug/l #	16
39) Methylcyclohexane	9.459	83	775256	34.312	ug/l	91
41) Methacrylonitrile	7.667	41	1071344	86.668	ug/l #	34
42) 1,2-Dichloroethane	8.464	62	1534032	78.015	ug/l	76
43) Isopropyl Acetate	8.560	43	1544606	41.620	ug/l #	63
45) 1,2-Dichloropropane	9.510	63	34030	2.206	ug/l #	44
47) Bromodichloromethane	9.537	83	21779	1.188	ug/l #	1
48) Methyl methacrylate	9.537	41	8547373	483.443	ug/l #	34
49) 1,4-Dioxane	9.577	88	438844	1652.436	ug/l #	27
51) 4-Methyl-2-Pentanone	10.336	43	4583745	193.561	ug/l	100
53) t-1,3-Dichloropropene	10.800	75	136820	8.260	ug/l	95
54) cis-1,3-Dichloropropene	10.161	75	226800	10.312	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	23098	1.733	ug/l #	29
56) Ethyl methacrylate	10.695	69	758784	30.862	ug/l #	12

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 ALS Vial : 9 Sample Multiplier: 1

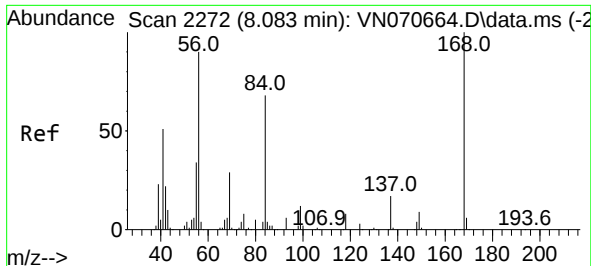
Instrument :
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Quant Time: Feb 02 00:36:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

57) 1,3-Dichloropropane	11.089	76	122047	5.174	ug/l #	44
58) 2-Chloroethyl Vinyl ether	10.161	63	341174	69.794	ug/l #	84
59) 2-Hexanone	11.089	43	3744361	217.654	ug/l	64
61) 1,2-Dibromoethane	11.390	107	2812	0.210	ug/l #	2
67) Ethyl Benzene	11.843	91	9549594	158.731	ug/l	97
68) m/p-Xylenes	11.843	106	2867018	130.996	ug/l #	13
69) o-Xylene	12.278	106	7226489	332.715	ug/l	96
70) Styrene	12.278	104	378425	10.891	ug/l #	1
73) Isopropylbenzene	12.575	105	931110	13.631	ug/l	98
74) N-amyl acetate	12.318	43	5923093	212.075	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.873	83	1967378	85.281	ug/l #	25
76) 1,2,3-Trichloropropane	12.897	75	56148	2.932	ug/l #	1
78) n-propylbenzene	12.919	91	584173	7.647	ug/l	100
79) 2-Chlorotoluene	12.980	91	428513	8.867	ug/l	80
80) 1,3,5-Trimethylbenzene	13.058	105	3115705	56.403	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	225596	35.095	ug/l #	49
82) 4-Chlorotoluene	12.980	91	428513	9.491	ug/l	80
83) tert-Butylbenzene	13.321	119	77120	1.604	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.366	105	5758807	108.455	ug/l	95
85) sec-Butylbenzene	13.366	105	5758807	88.093	ug/l #	56
86) p-Isopropyltoluene	13.621	119	259546	5.054	ug/l #	76
88) 1,4-Dichlorobenzene	13.694	146	11595	0.457	ug/l #	68
89) n-Butylbenzene	13.906	91	169957	4.012	ug/l #	1
90) Hexachloroethane	14.214	117	100520	11.198	ug/l #	6
91) 1,2-Dichlorobenzene	13.994	146	6379	0.253	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.576	75	14760	3.772	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.257	180	6638	3.889	ug/l #	1
95) Naphthalene	15.501	128	2003566	53.165	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	8268	3.823	ug/l #	1

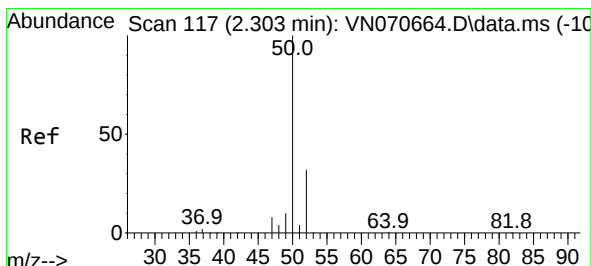
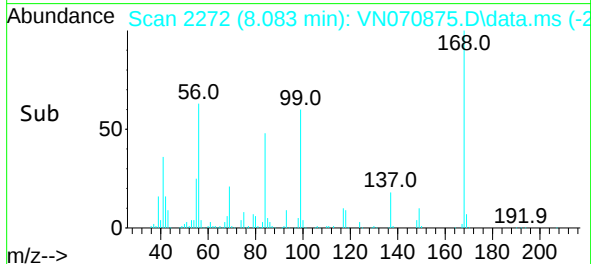
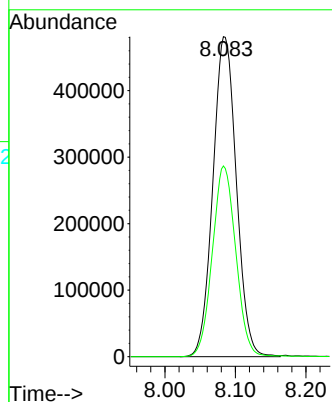
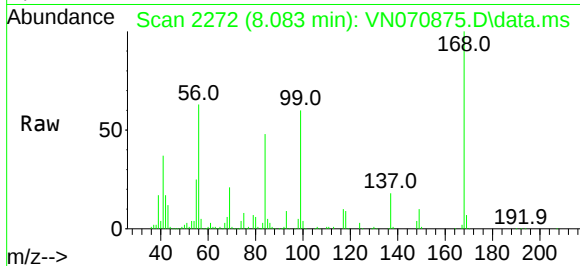
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

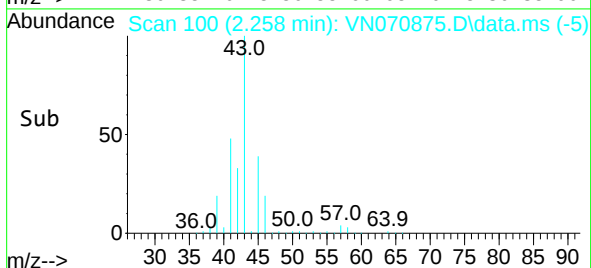
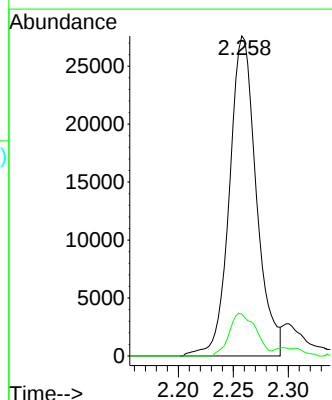
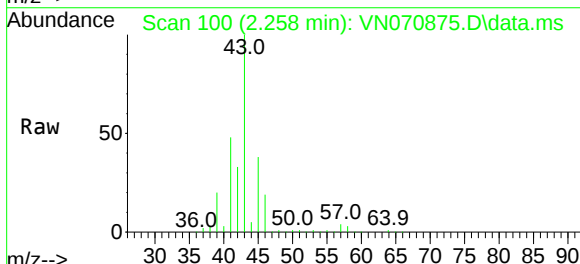
Instrument :
MSVOA_N
ClientSampleId :
31524

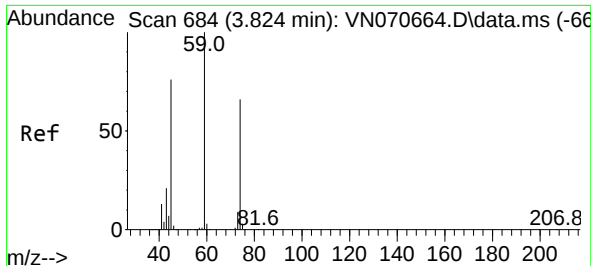
Tgt Ion:168 Resp: 1113247
Ion Ratio Lower Upper
168 100
99 59.6 41.3 61.9



#3
Chloromethane
Concen: 2.504 ug/l
RT: 2.258 min Scan# 100
Delta R.T. -0.045 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 50 Resp: 47089
Ion Ratio Lower Upper
50 100
52 13.0 25.4 38.0#

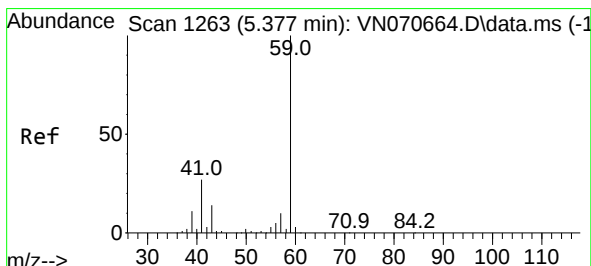
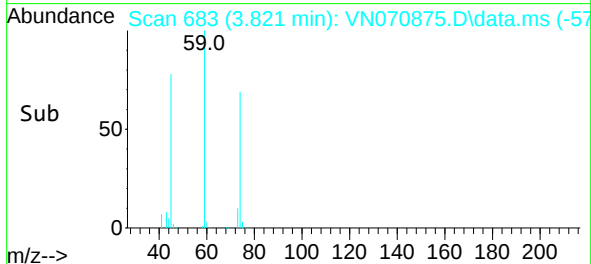
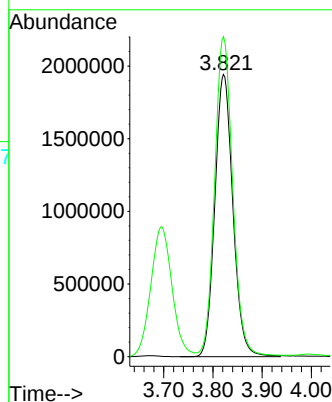
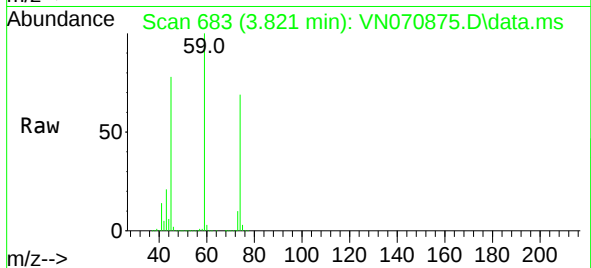




#8
Diethyl Ether
Concen: 554.939 ug/l
RT: 3.821 min Scan# 61
Delta R.T. -0.003 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

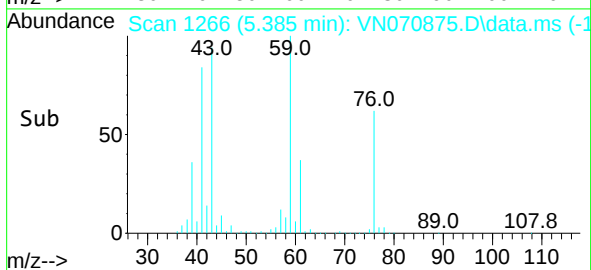
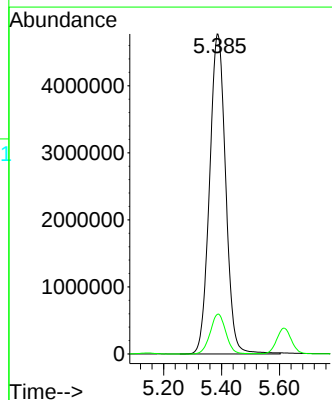
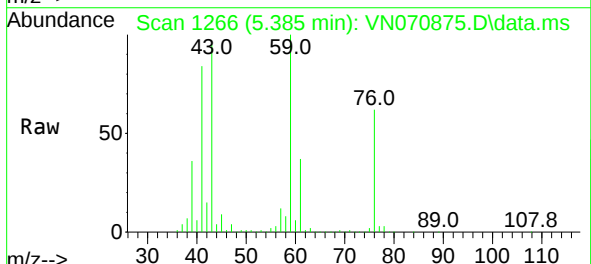
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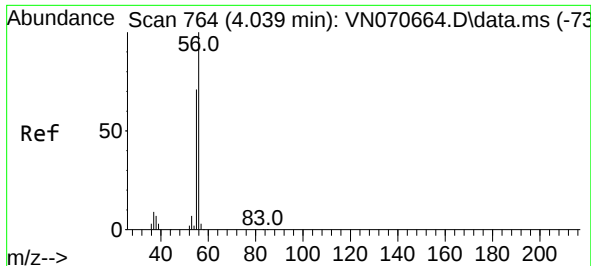
Tgt Ion: 74 Resp: 4952632
Ion Ratio Lower Upper
74 100
45 112.7 47.0 141.2



#11
Tert butyl alcohol
Concen: 6403.702 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. 0.008 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 59 Resp:18432514
Ion Ratio Lower Upper
59 100
57 12.2 8.7 13.1





#13

Acrolein

Concen: 0.519 ug/l

RT: 4.047 min Scan# 70

Delta R.T. 0.008 min

Lab File: VN070875.D

Acq: 1 Feb 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

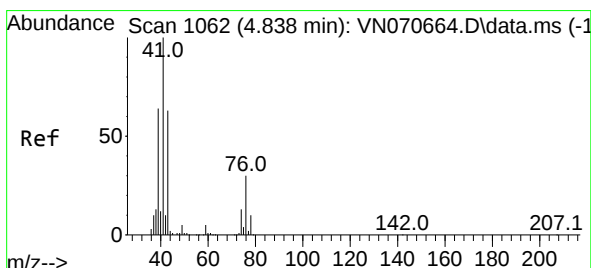
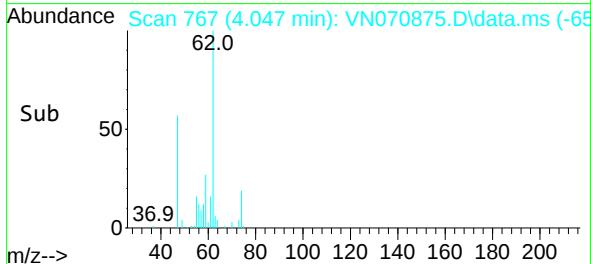
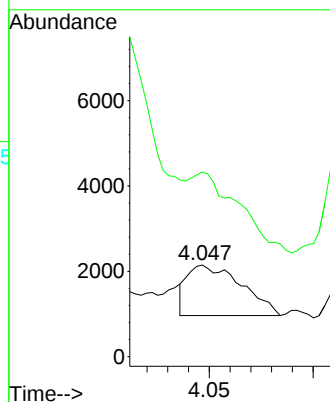
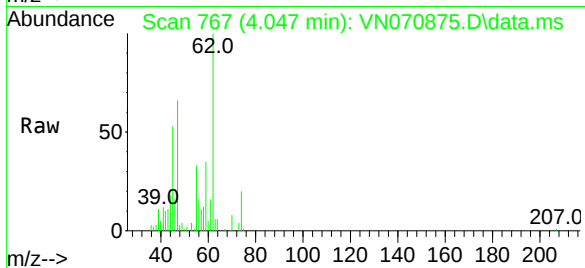
31524

Tgt Ion: 56 Resp: 2142

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



#14

Allyl chloride

Concen: 2.052 ug/l

RT: 4.851 min Scan# 1067

Delta R.T. 0.013 min

Lab File: VN070875.D

Acq: 1 Feb 2022 16:55

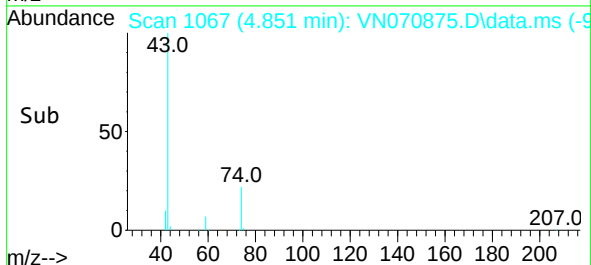
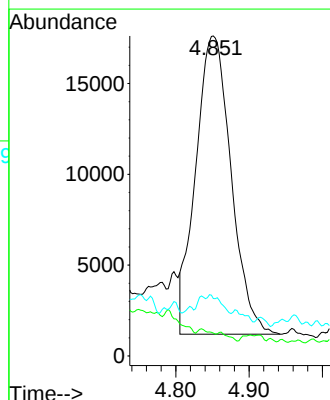
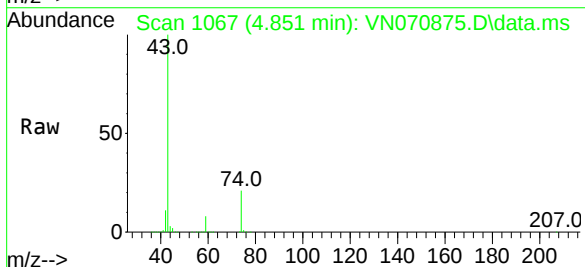
Tgt Ion: 41 Resp: 55052

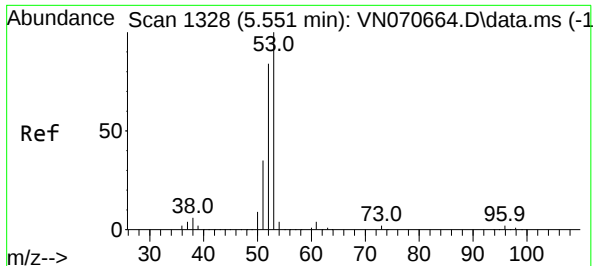
Ion Ratio Lower Upper

41 100

39 0.0 61.2 91.8#

76 1.0 26.0 39.0#

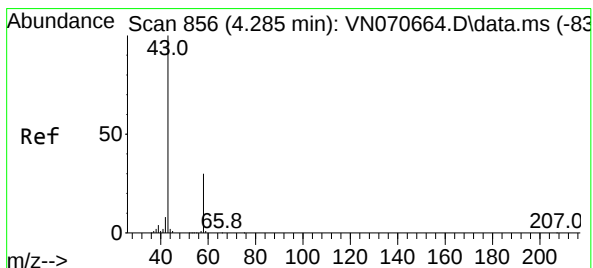
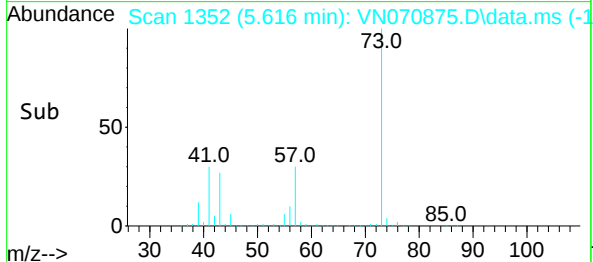
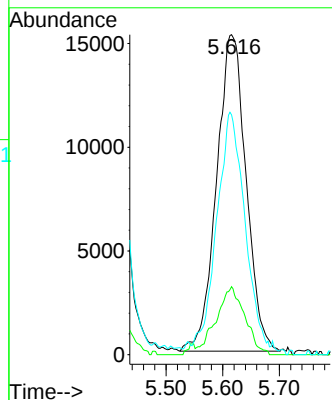
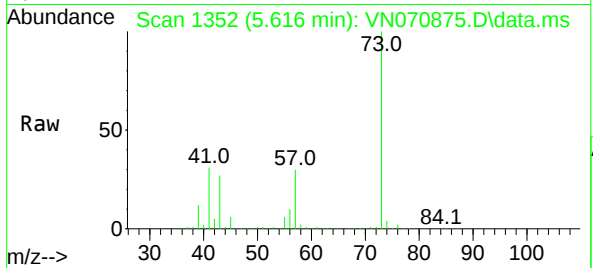




#15
Acrylonitrile
Concen: 6.044 ug/l
RT: 5.616 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

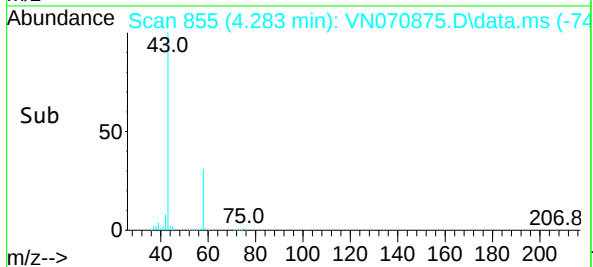
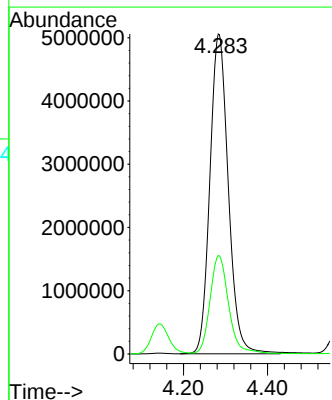
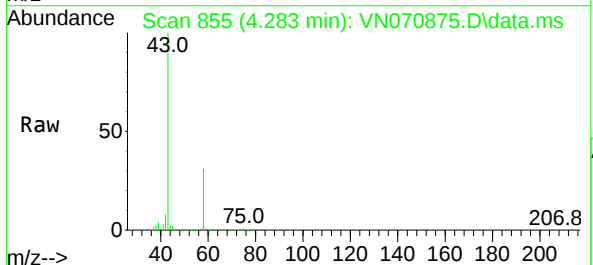
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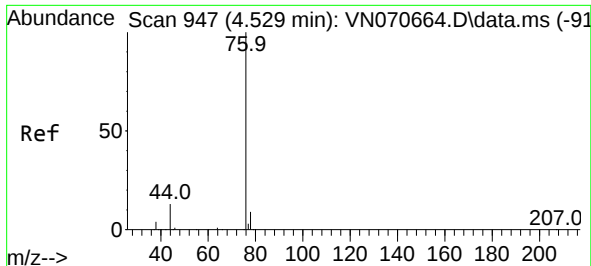
Tgt Ion: 53 Resp: 55345
Ion Ratio Lower Upper
53 100
52 20.8 66.2 99.2#
51 68.3 29.6 44.4#



#16
Acetone
Concen: 1386.697 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 43 Resp:15355788
Ion Ratio Lower Upper
43 100
58 30.6 23.1 34.7

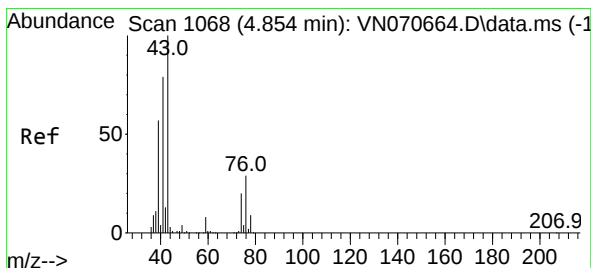
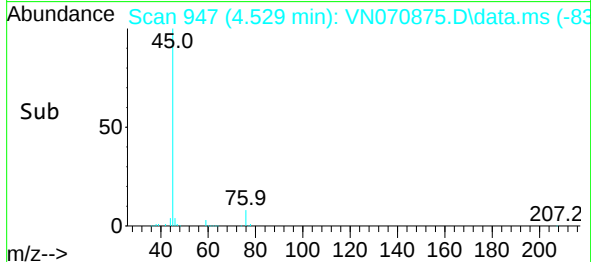
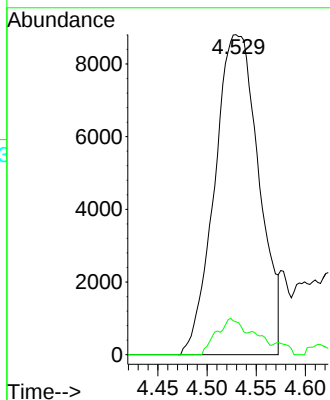
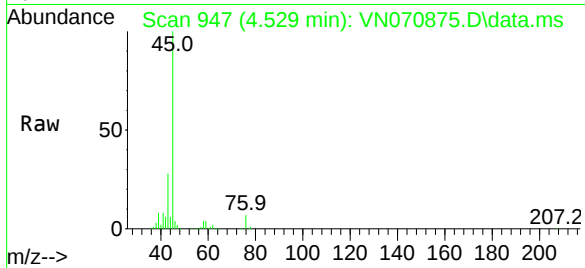




#17
Carbon Disulfide
Concen: 0.825 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

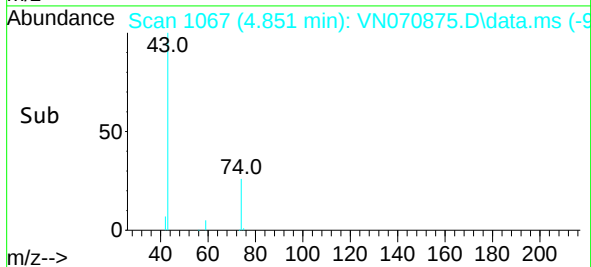
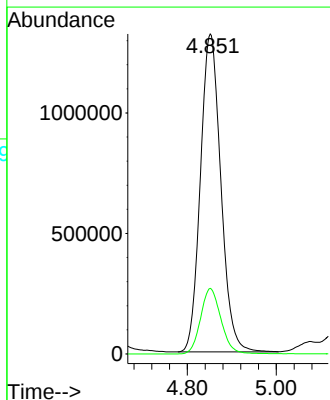
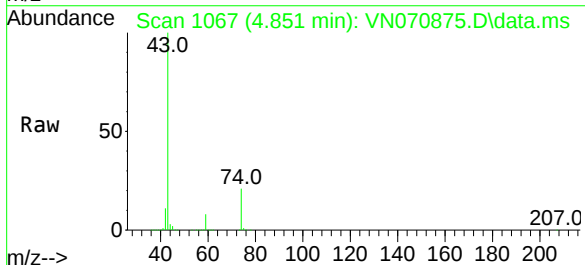
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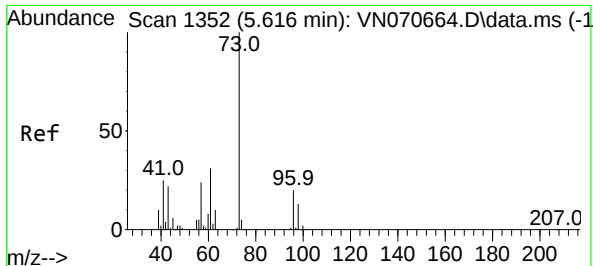
Tgt Ion: 76 Resp: 27610
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3



#18
Methyl Acetate
Concen: 193.081 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 43 Resp: 4204880
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2

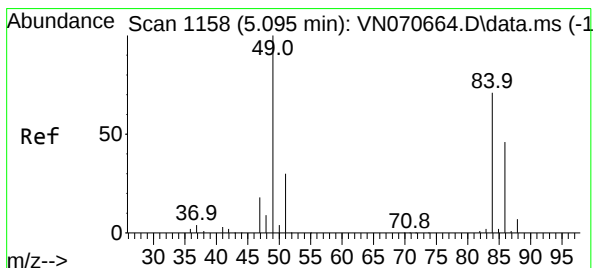
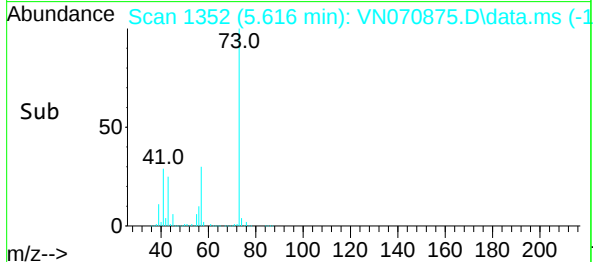
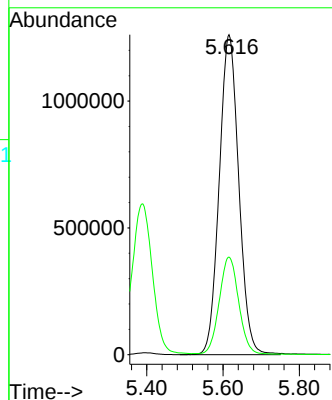
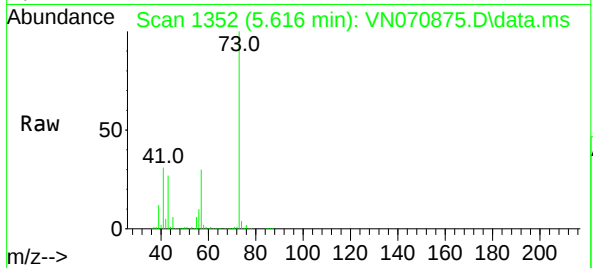




#19
Methyl tert-butyl Ether
Concen: 101.922 ug/l
RT: 5.616 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

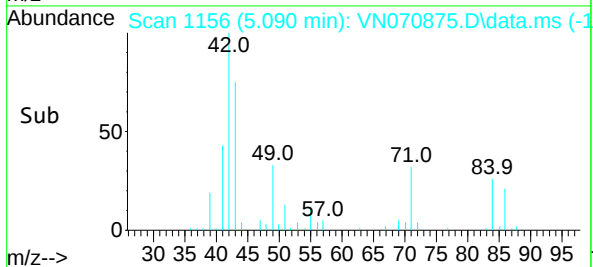
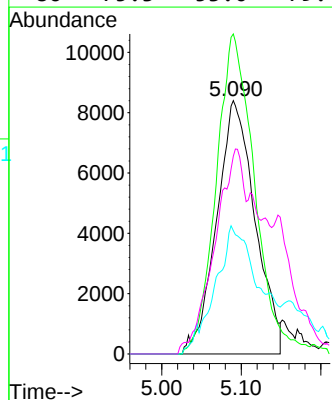
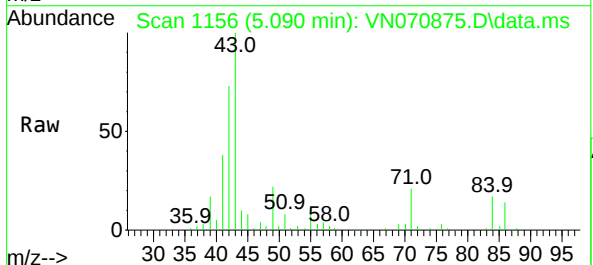
Instrument :
MSVOA_N
ClientSampleId :
31524

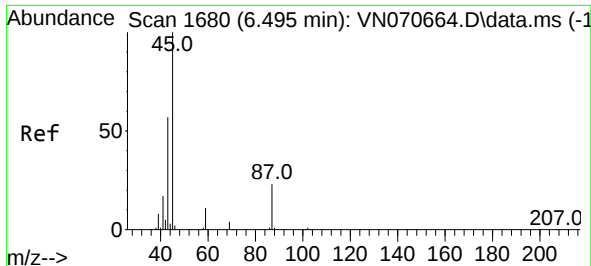
Tgt Ion: 73 Resp: 4484164
Ion Ratio Lower Upper
73 100
57 30.3 16.8 25.2#



#20
Methylene Chloride
Concen: 1.928 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

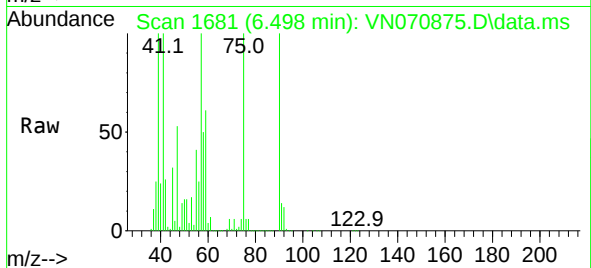
Tgt Ion: 84 Resp: 28125
Ion Ratio Lower Upper
84 100
49 126.3 93.5 140.3
51 48.7 29.4 44.2#
86 75.3 53.0 79.4





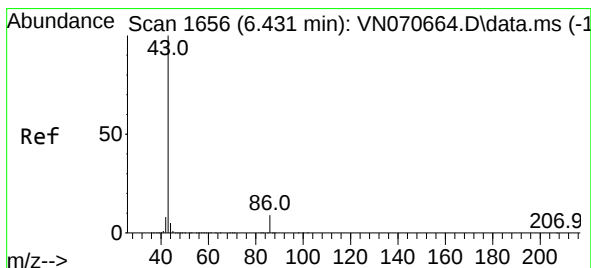
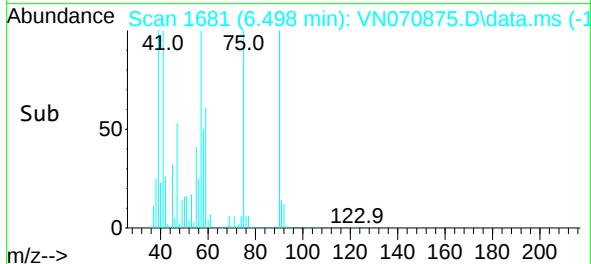
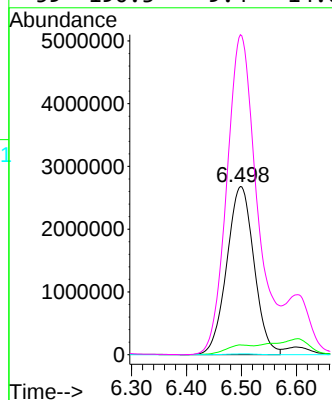
#22
Diisopropyl ether
Concen: 173.532 ug/l
RT: 6.498 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Instrument :
MSVOA_N
ClientSampleId :
31524



Tgt Ion: 45 Resp: 9229704

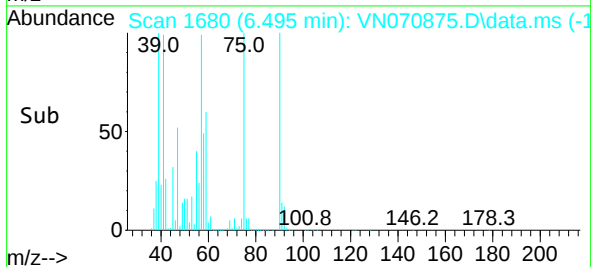
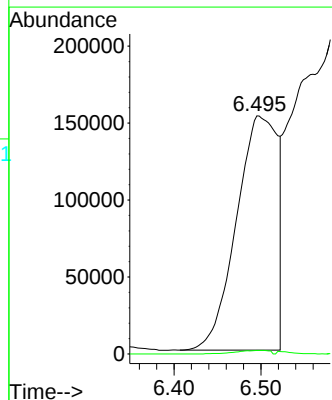
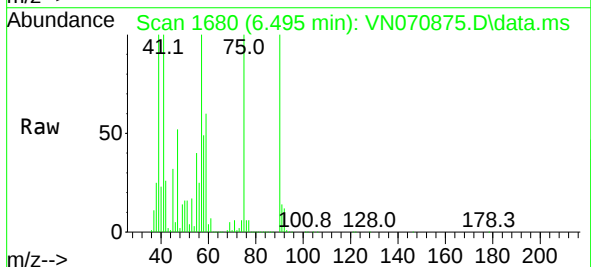
Ion	Ratio	Lower	Upper
45	100		
43	5.7	51.7	77.5#
87	0.5	23.2	34.8#
59	190.3	9.4	14.0#

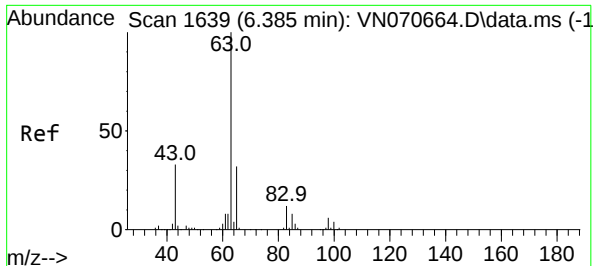


#23
Vinyl Acetate
Concen: 11.096 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.064 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 43 Resp: 500293

Ion	Ratio	Lower	Upper
43	100		
86	1.5	8.5	12.7#

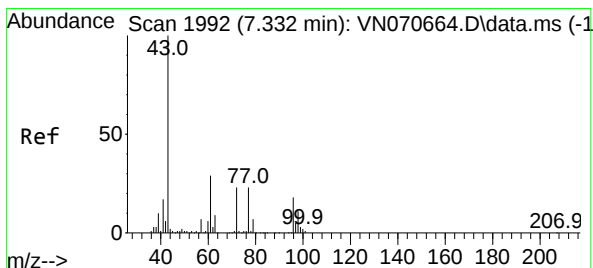
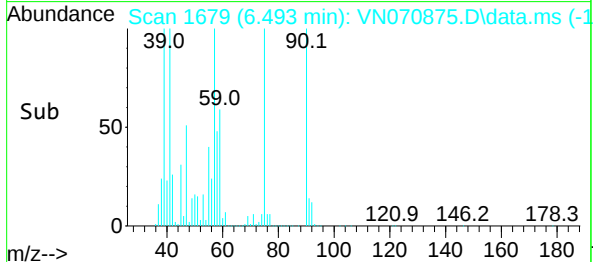
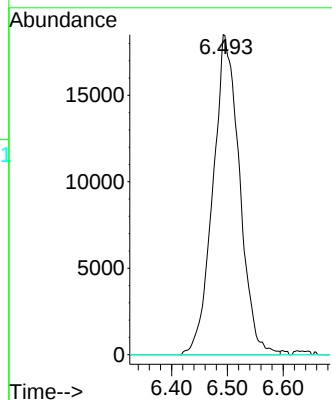
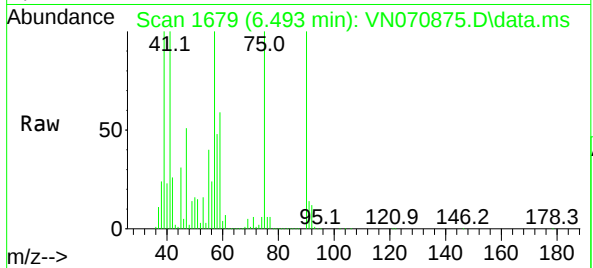




#24
1,1-Dichloroethane
Concen: 2.302 ug/l
RT: 6.493 min Scan# 1
Delta R.T. 0.108 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

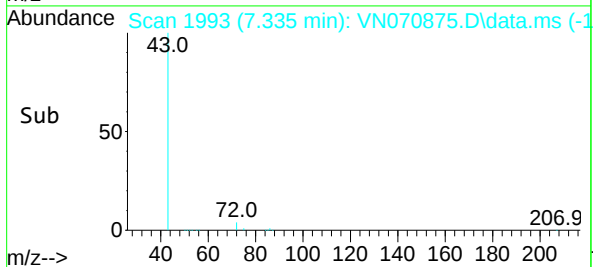
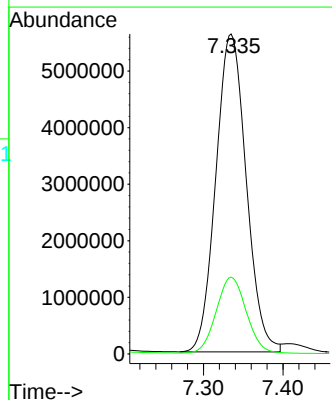
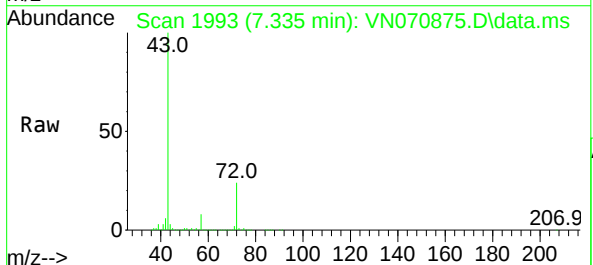
Instrument :
MSVOA_N
ClientSampleId :
31524

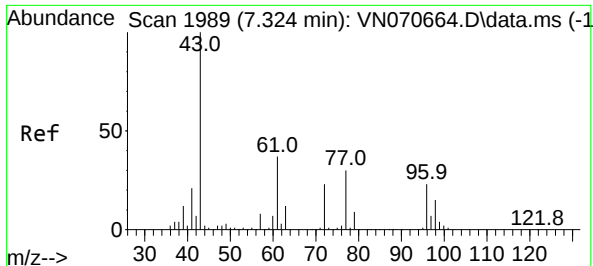
Tgt Ion: 63 Resp: 61234
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 1070.242 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 43 Resp:14913206
Ion Ratio Lower Upper
43 100
72 23.9 21.7 32.5





#26

2,2-Dichloropropane

Concen: 10.141 ug/l

RT: 7.168 min Scan# 1989

Delta R.T. -0.156 min

Lab File: VN070875.D

Acq: 1 Feb 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

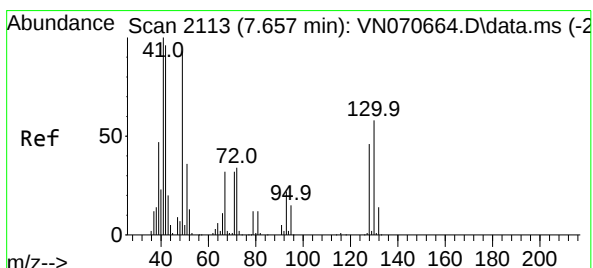
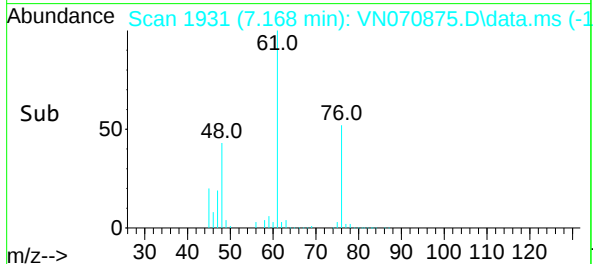
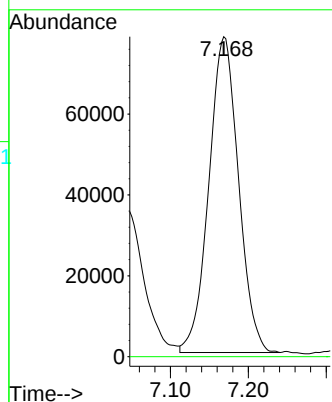
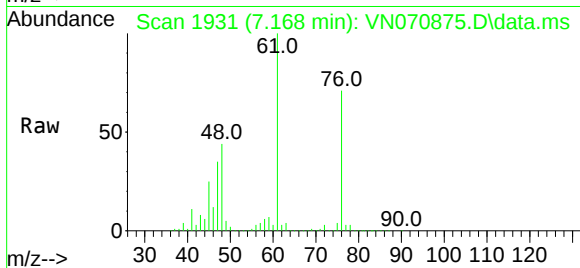
31524

Tgt Ion: 77 Resp: 206850

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#28

Bromochloromethane

Concen: 1.265 ug/l

RT: 7.659 min Scan# 2114

Delta R.T. 0.002 min

Lab File: VN070875.D

Acq: 1 Feb 2022 16:55

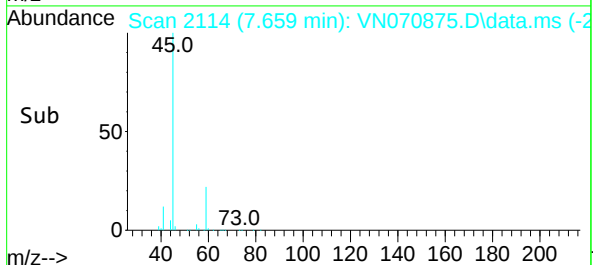
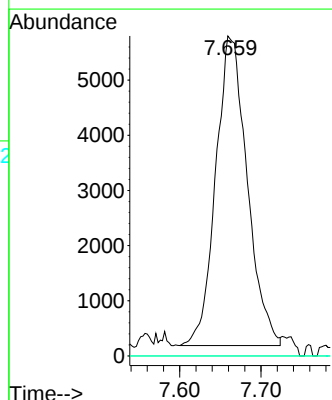
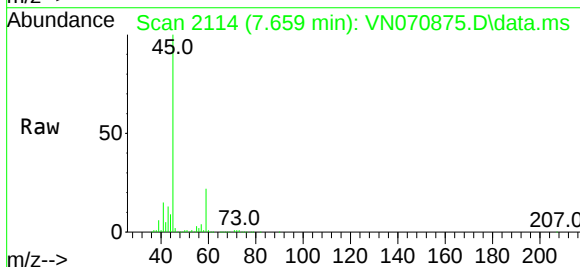
Tgt Ion: 49 Resp: 15110

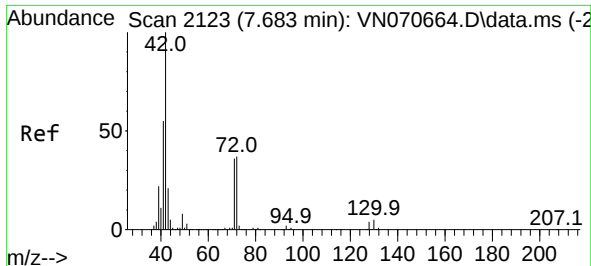
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 82.347 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070875.D

Acq: 1 Feb 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

31524

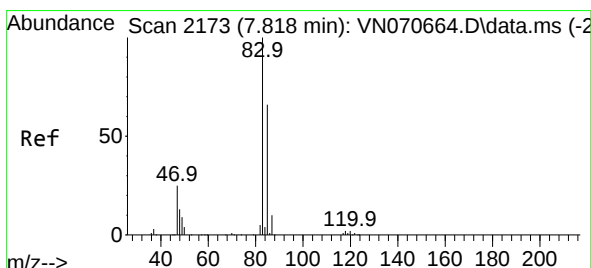
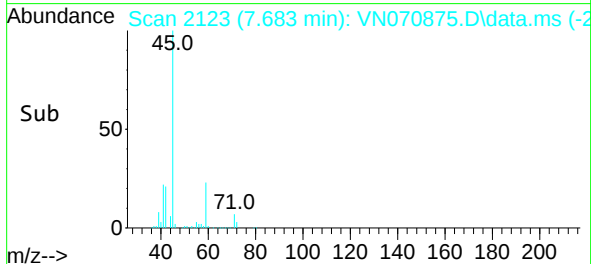
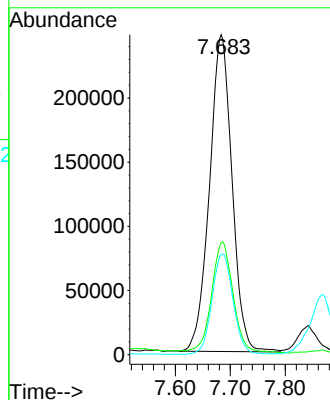
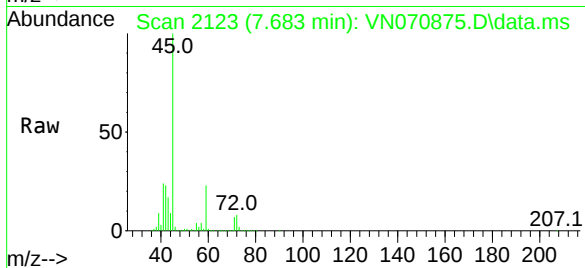
Tgt Ion: 42 Resp: 702596

Ion Ratio Lower Upper

42 100

72 32.5 36.3 54.5#

71 29.7 34.7 52.1#



#30

Chloroform

Concen: Below Cal

RT: 7.780 min Scan# 2159

Delta R.T. -0.038 min

Lab File: VN070875.D

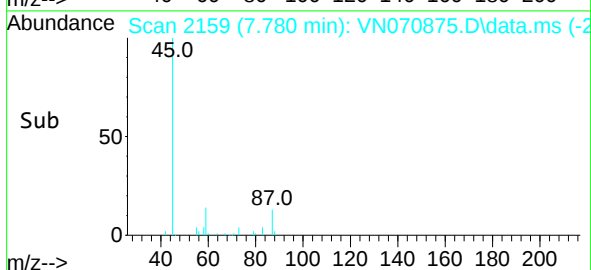
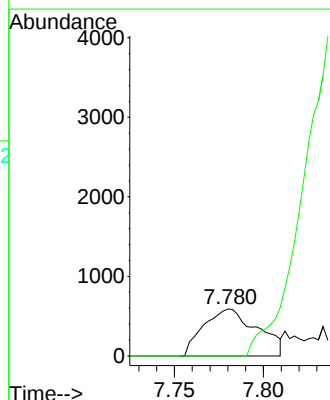
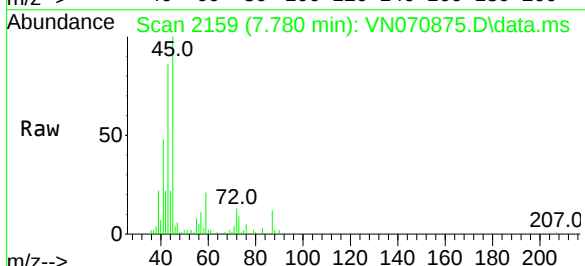
Acq: 1 Feb 2022 16:55

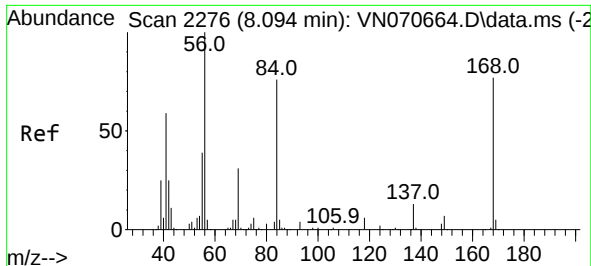
Tgt Ion: 83 Resp: 1245

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

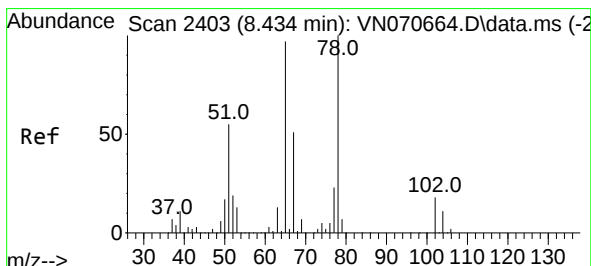
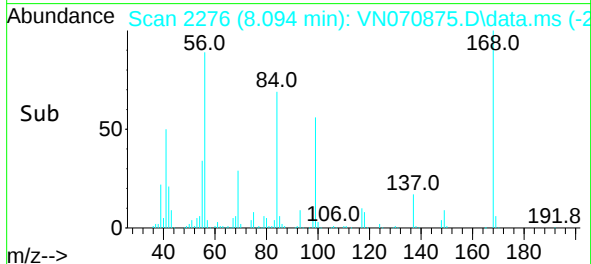
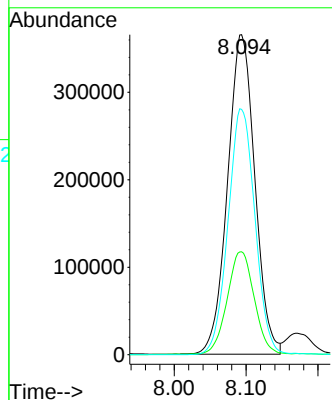
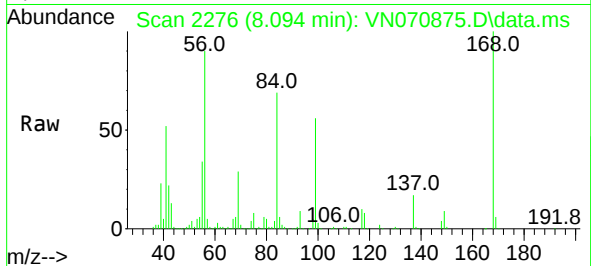




#31
Cyclohexane
Concen: 34.335 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

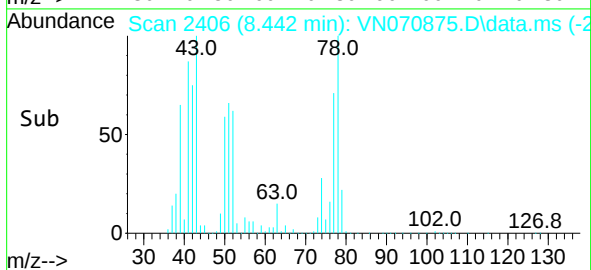
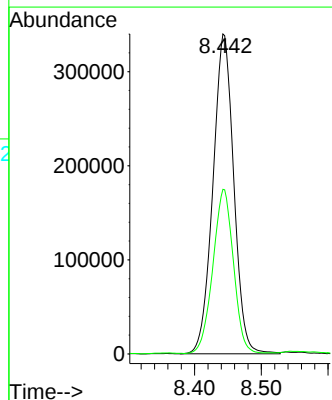
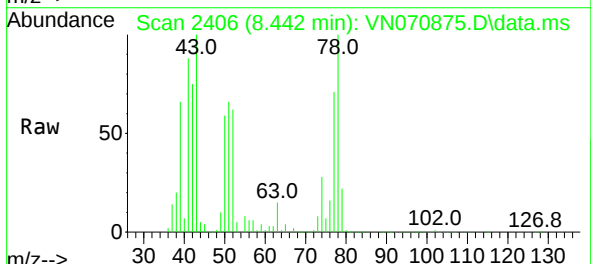
Instrument :
MSVOA_N
ClientSampleId :
31524

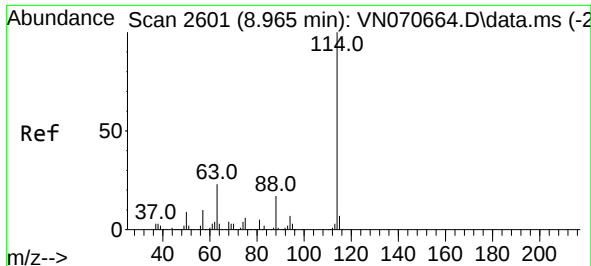
Tgt Ion: 56 Resp: 964631
Ion Ratio Lower Upper
56 100
69 32.0 27.1 40.7
84 76.8 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 46.273 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.008 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 65 Resp: 738269
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

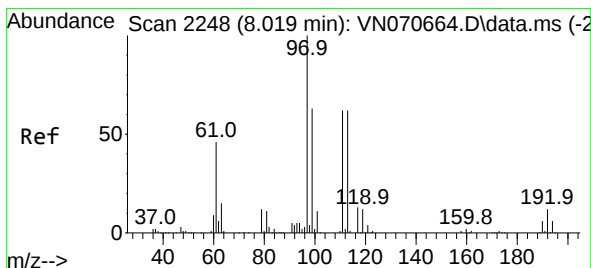
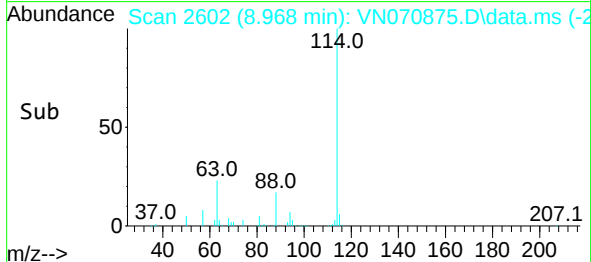
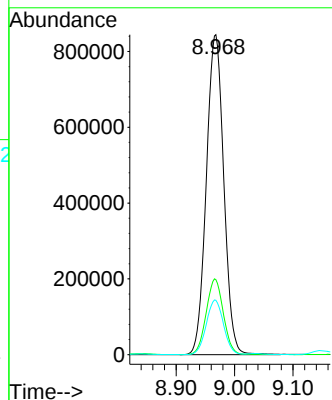
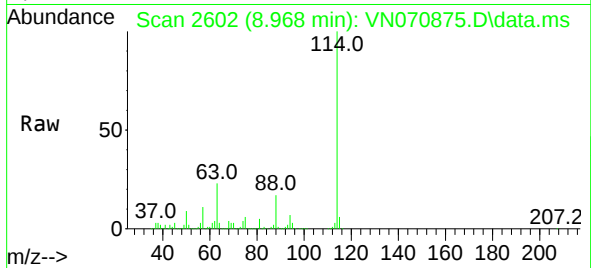




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2072
Delta R.T. 0.003 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

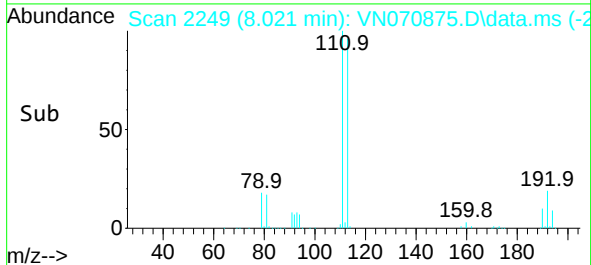
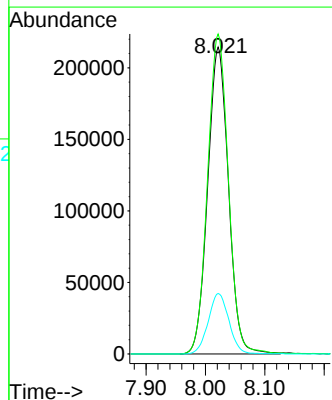
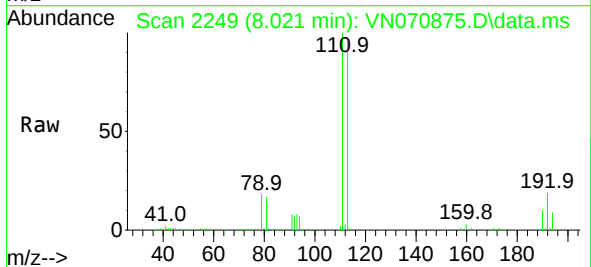
Instrument :
MSVOA_N
ClientSampleId :
31524

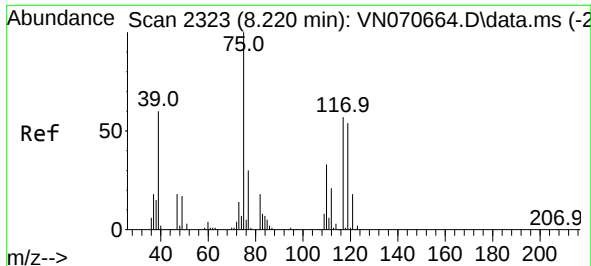
Tgt Ion:114 Resp: 1752588
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 17.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.032 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion:113 Resp: 522173
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 19.6 16.9 25.3

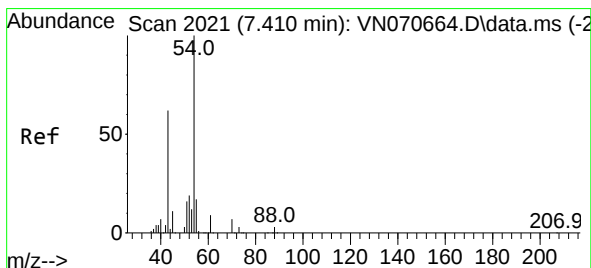
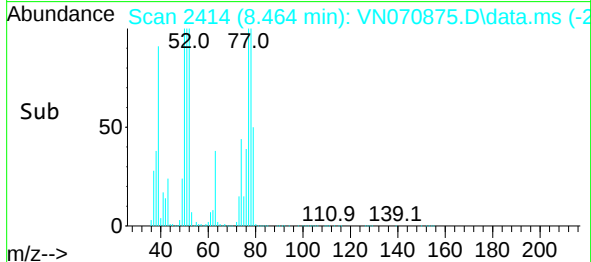
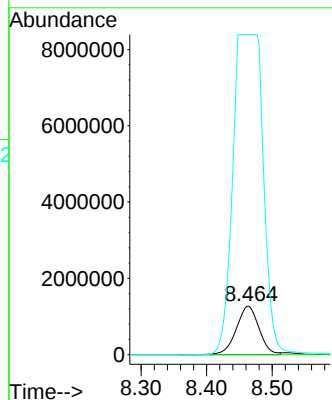
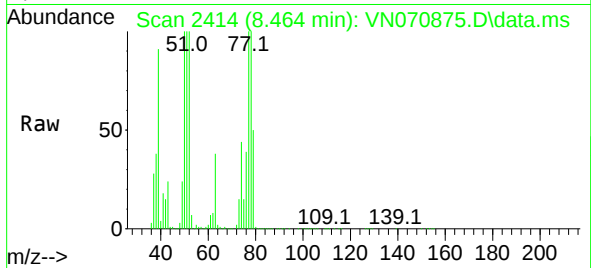




#36
1,1-Dichloropropene
Concen: 166.926 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.244 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

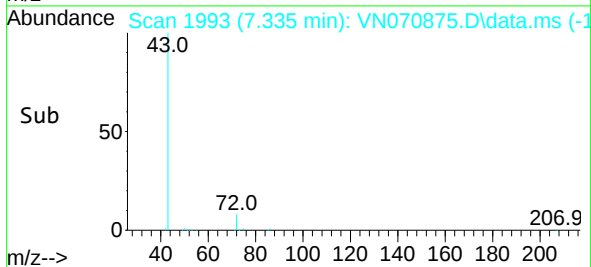
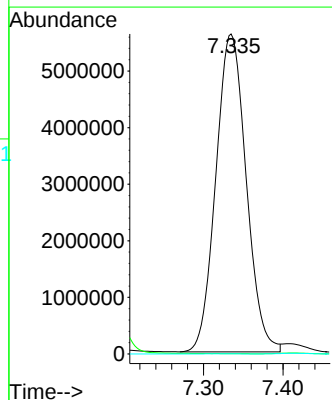
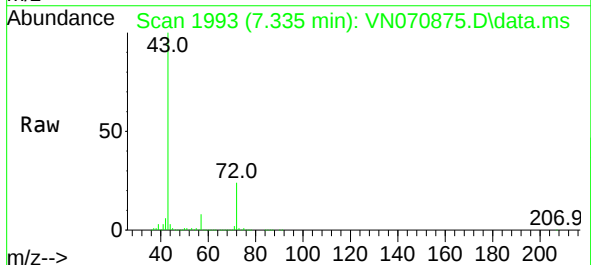
Instrument :
MSVOA_N
ClientSampleId :
31524

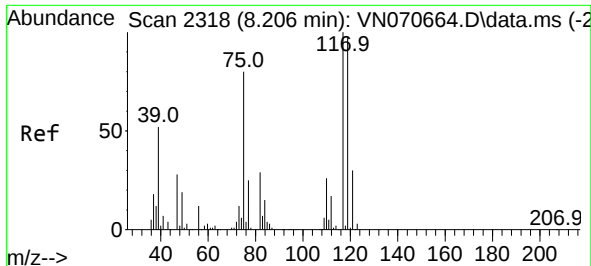
Tgt Ion: 75 Resp: 3055042
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 613.774 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.075 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 43 Resp: 14913206
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#

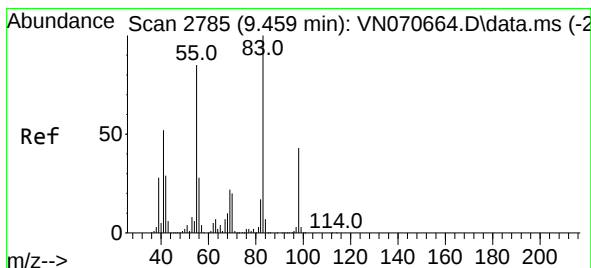
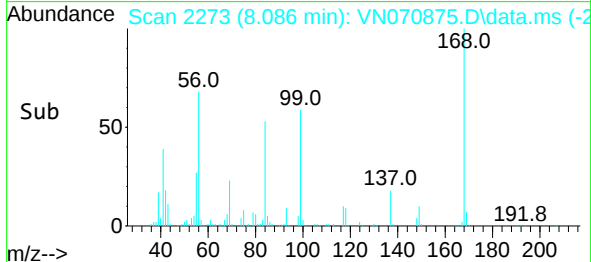
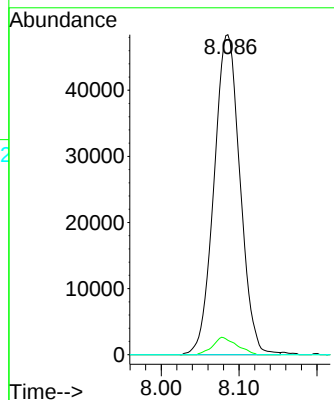
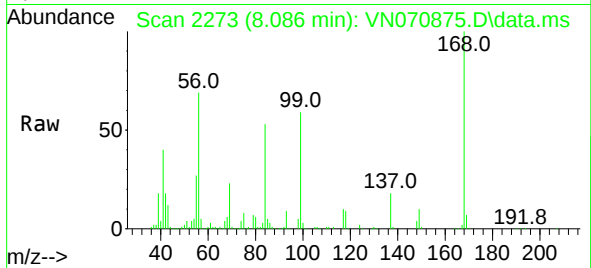




#38
Carbon Tetrachloride
Concen: 6.885 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

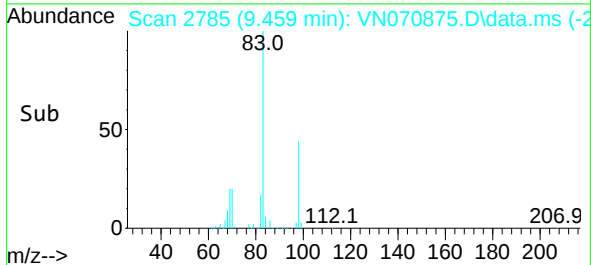
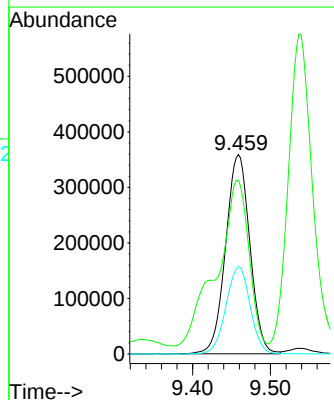
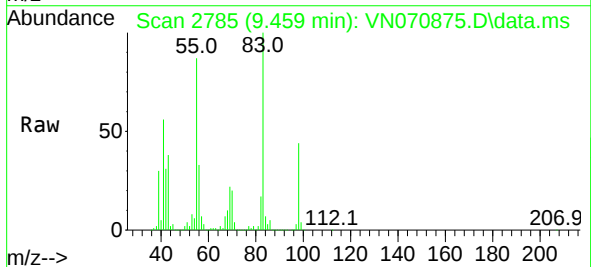
Instrument :
MSVOA_N
ClientSampleId :
31524

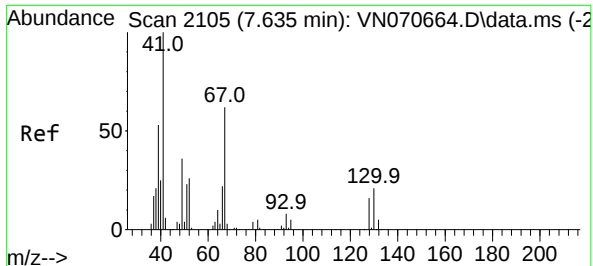
Tgt Ion:117 Resp: 112104
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 34.312 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 83 Resp: 775256
Ion Ratio Lower Upper
83 100
55 82.0 58.1 87.1
98 43.9 38.4 57.6

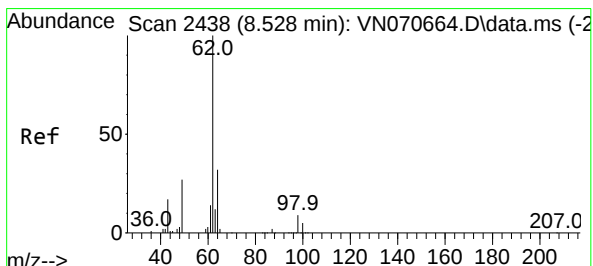
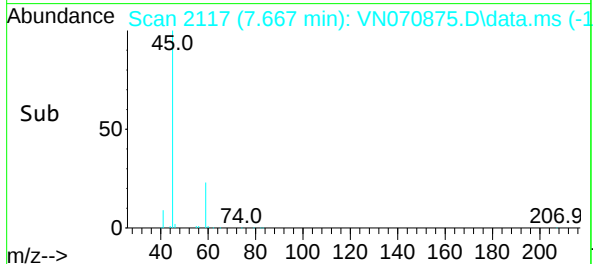
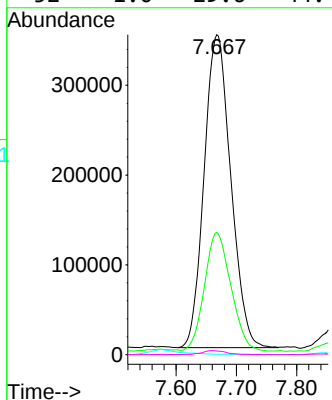
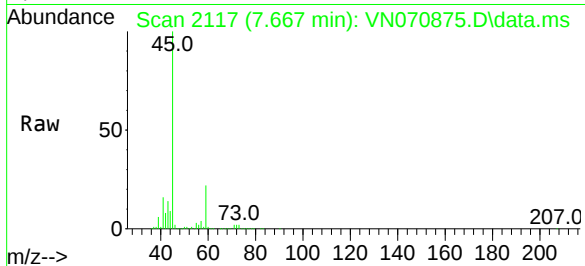




#41
Methacrylonitrile
Concen: 86.668 ug/l
RT: 7.667 min Scan# 2117
Delta R.T. 0.032 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

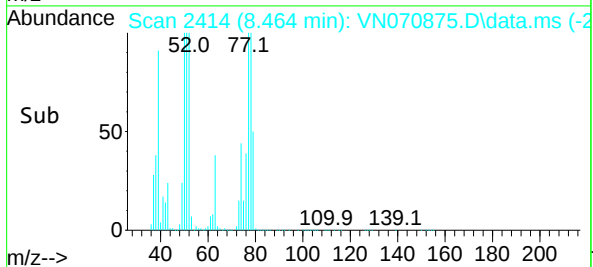
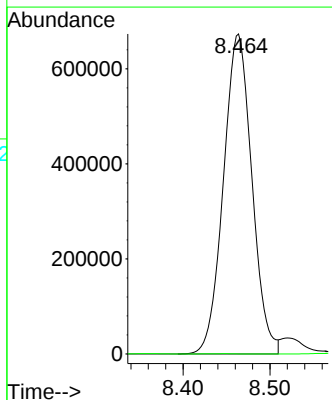
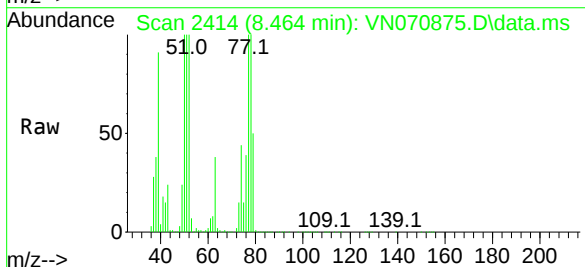
Instrument :
MSVOA_N
ClientSampleId :
31524

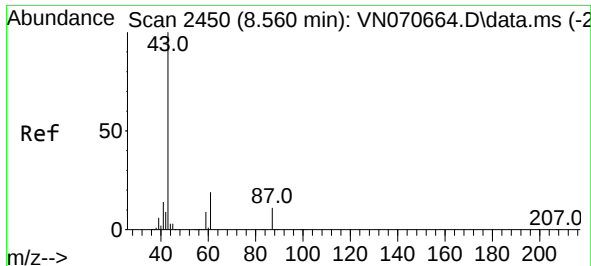
Tgt Ion: 41 Resp: 1071344
Ion Ratio Lower Upper
41 100
39 37.5 48.1 72.1#
67 0.0 68.3 102.5#
52 1.0 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 78.015 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. -0.064 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 62 Resp: 1534032
Ion Ratio Lower Upper
62 100
98 0.1 0.0 17.6

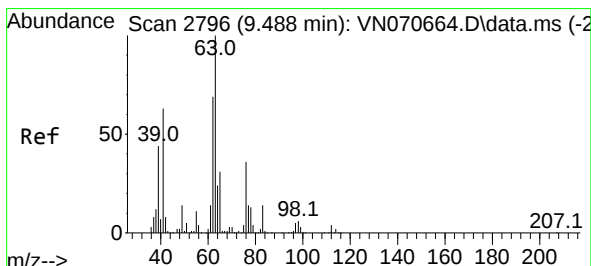
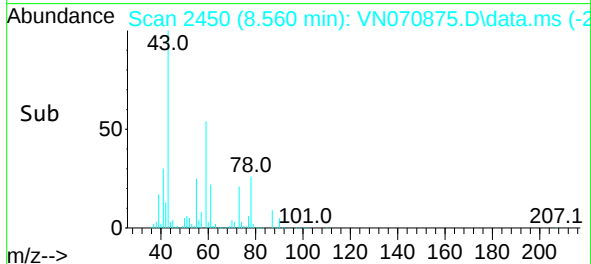
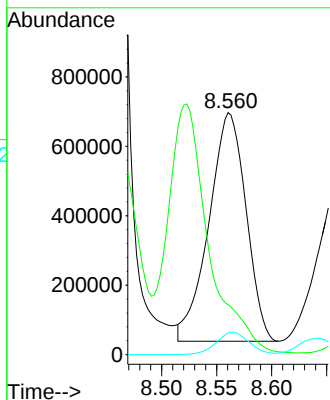
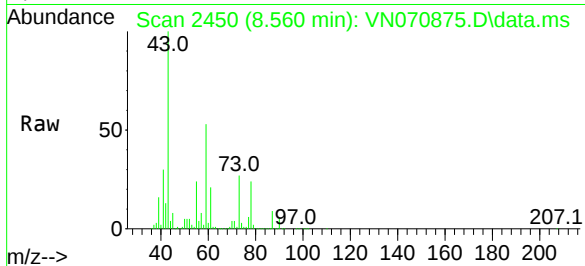




#43
Isopropyl Acetate
Concen: 41.620 ug/l
RT: 8.560 min Scan# 24
Delta R.T. 0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

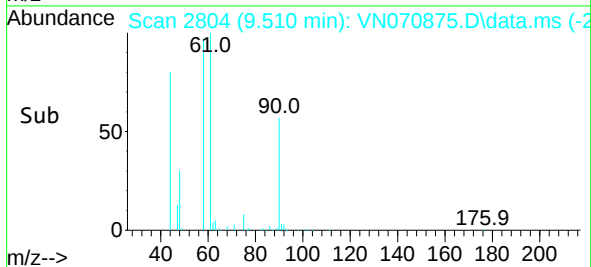
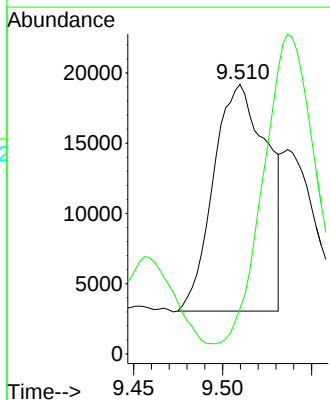
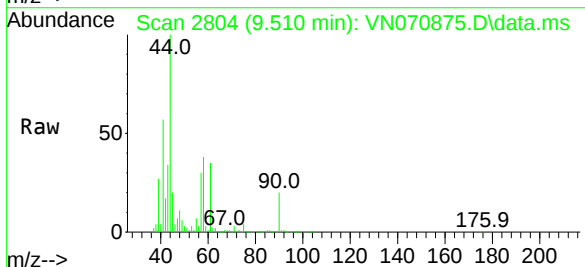
Instrument :
MSVOA_N
ClientSampleId :
31524

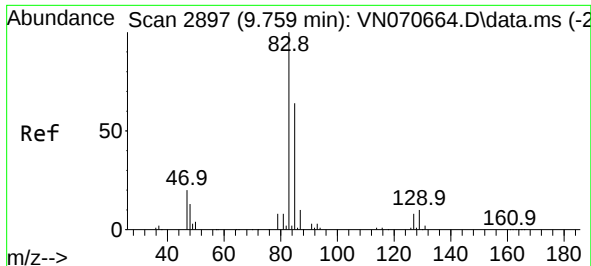
Tgt Ion: 43 Resp: 1544606
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 8.9 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 2.206 ug/l
RT: 9.510 min Scan# 2804
Delta R.T. 0.022 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 63 Resp: 34030
Ion Ratio Lower Upper
63 100
65 0.0 24.7 37.1#

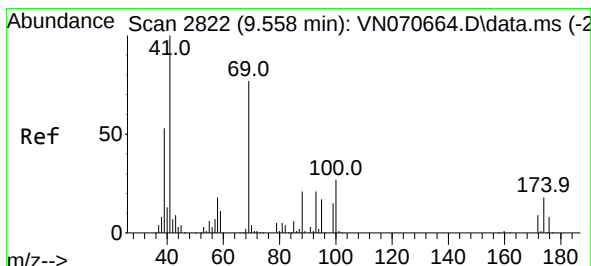
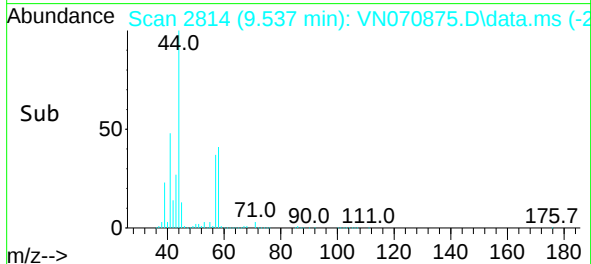
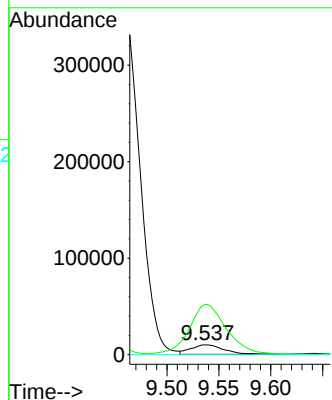
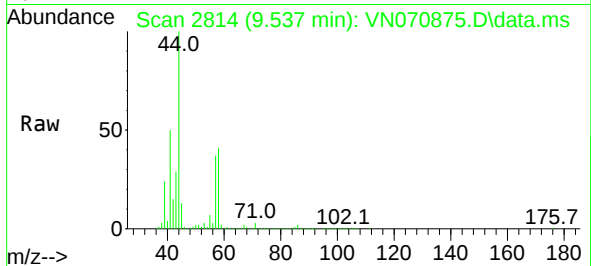




#47
Bromodichloromethane
Concen: 1.188 ug/l
RT: 9.537 min Scan# 21
Delta R.T. -0.222 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

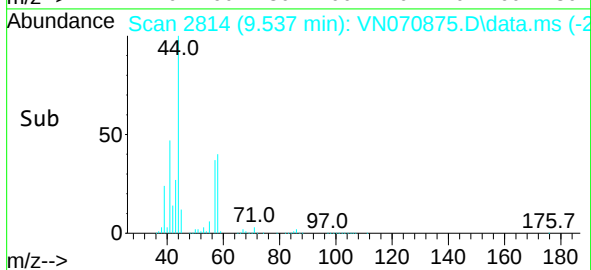
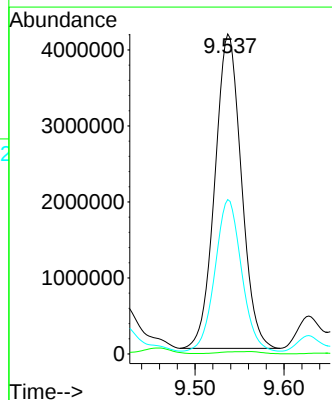
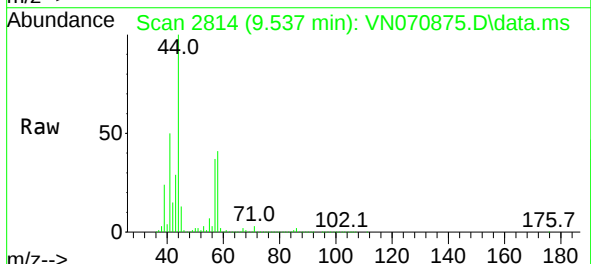
Instrument :
MSVOA_N
ClientSampleId :
31524

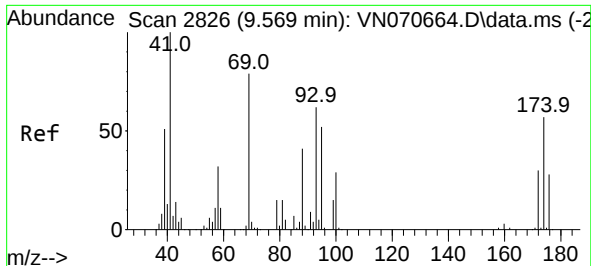
Tgt Ion: 83 Resp: 21779
Ion Ratio Lower Upper
83 100
85 522.6 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 483.443 ug/l
RT: 9.537 min Scan# 2814
Delta R.T. -0.021 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 41 Resp: 8547373
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 48.2 58.4 87.6#

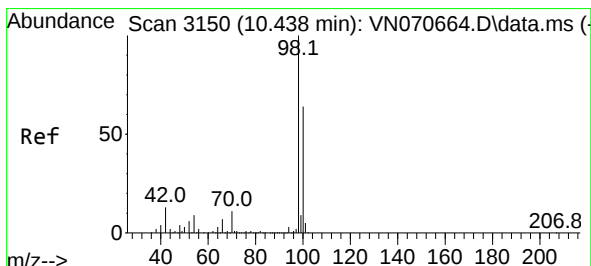
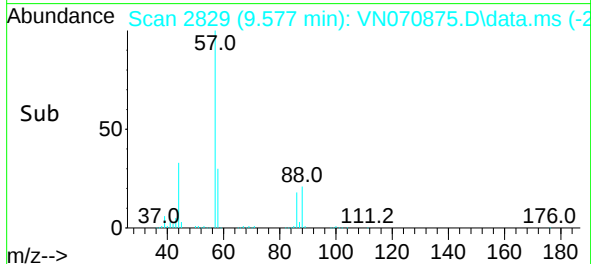
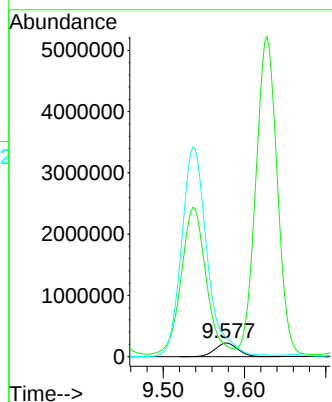
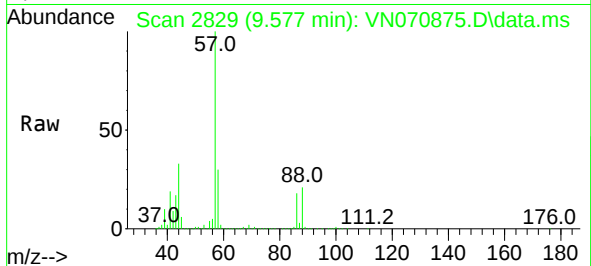




#49
1,4-Dioxane
Concen: 1652.436 ug/l
RT: 9.577 min Scan# 21
Delta R.T. 0.008 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

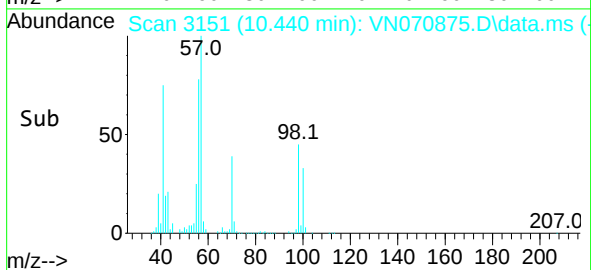
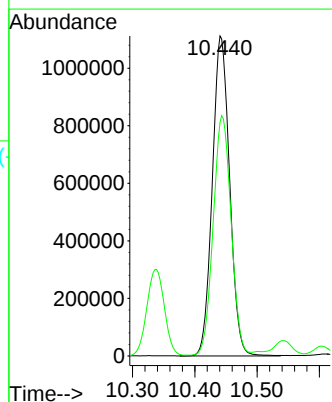
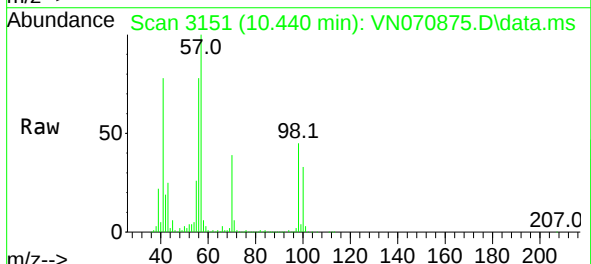
Instrument :
MSVOA_N
ClientSampleId :
31524

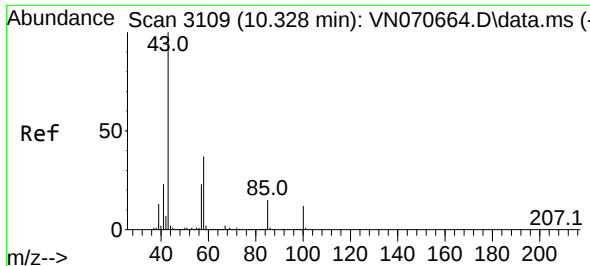
Tgt Ion: 88 Resp: 438844
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#



#50
Toluene-d8
Concen: 46.805 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 98 Resp: 2143579
Ion Ratio Lower Upper
98 100
100 77.5 50.4 75.6#





#51

4-Methyl-2-Pentanone

Concen: 193.561 ug/l

RT: 10.336 min Scan# 3112

Delta R.T. 0.008 min

Lab File: VN070875.D

Acq: 1 Feb 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

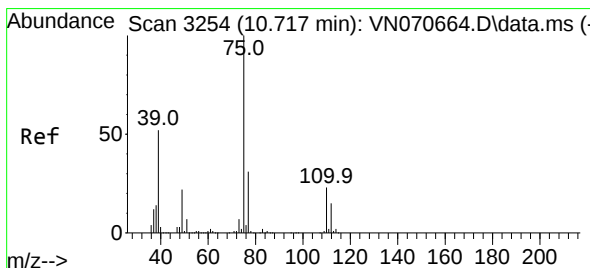
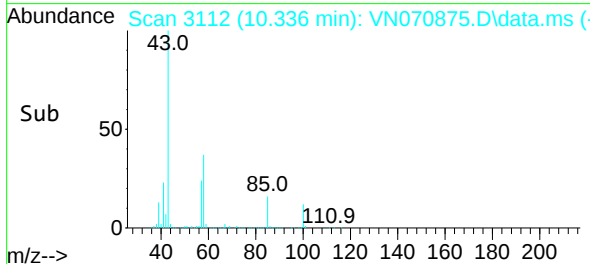
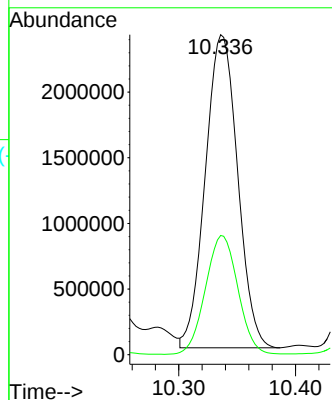
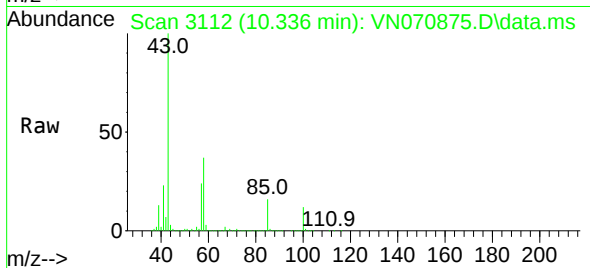
31524

Tgt Ion: 43 Resp: 4583745

Ion Ratio Lower Upper

43 100

58 38.1 30.4 45.6



#53

t-1,3-Dichloropropene

Concen: 8.260 ug/l

RT: 10.800 min Scan# 3285

Delta R.T. 0.083 min

Lab File: VN070875.D

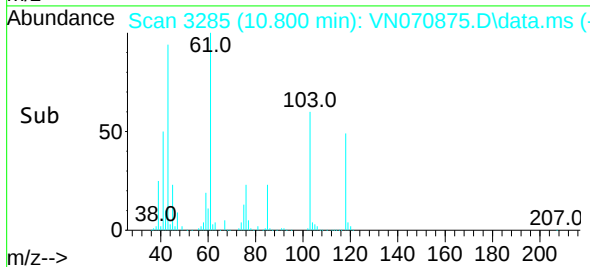
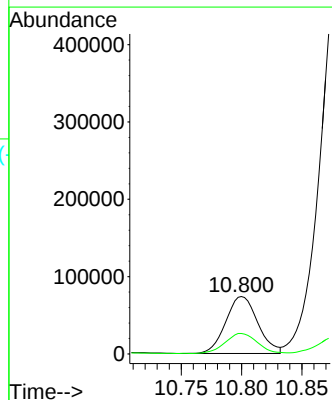
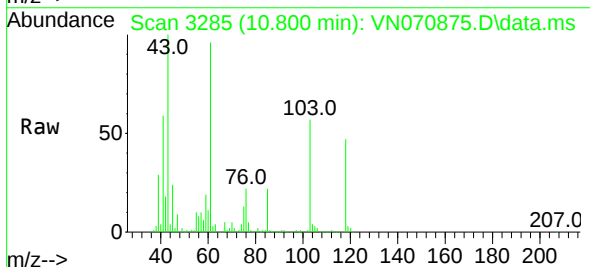
Acq: 1 Feb 2022 16:55

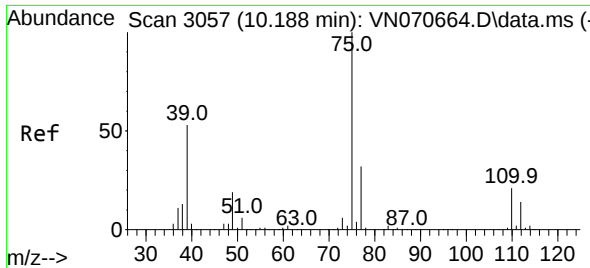
Tgt Ion: 75 Resp: 136820

Ion Ratio Lower Upper

75 100

77 35.1 25.6 38.4

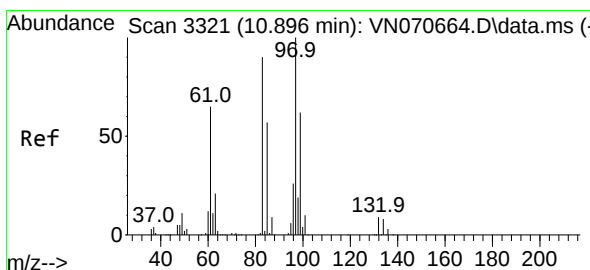
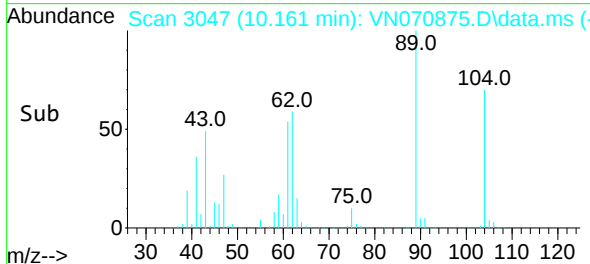
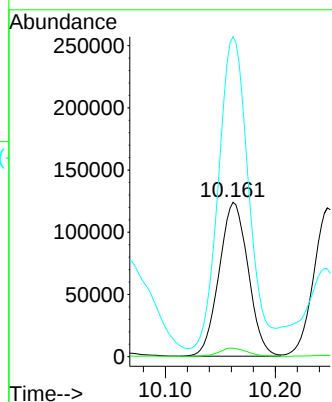
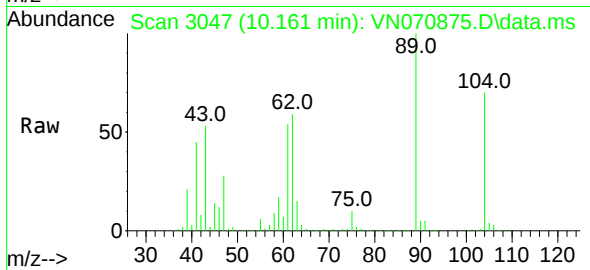




#54
 cis-1,3-Dichloropropene
 Concen: 10.312 ug/l
 RT: 10.161 min Scan# 3047
 Delta R.T. -0.027 min
 Lab File: VN070875.D
 Acq: 1 Feb 2022 16:55

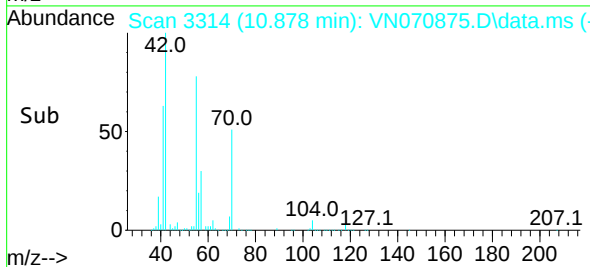
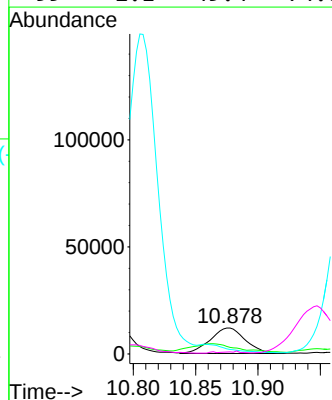
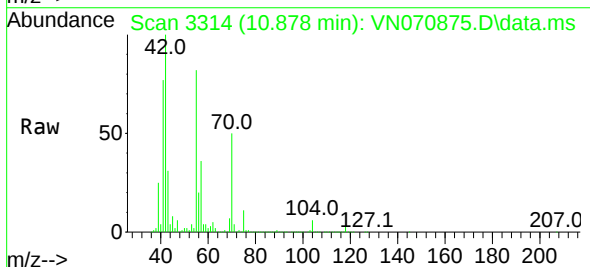
Instrument :
 MSVOA_N
 ClientSampleId :
 31524

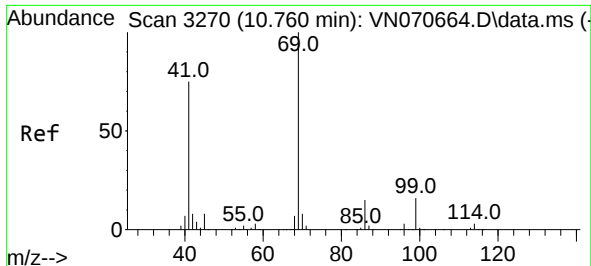
Tgt Ion: 75 Resp: 226800
 Ion Ratio Lower Upper
 75 100
 77 5.4 26.4 39.6#
 39 200.9 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 1.733 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.018 min
 Lab File: VN070875.D
 Acq: 1 Feb 2022 16:55

Tgt Ion: 97 Resp: 23098
 Ion Ratio Lower Upper
 97 100
 83 18.1 67.8 101.6#
 85 12.8 45.4 68.2#
 99 2.1 49.4 74.0#

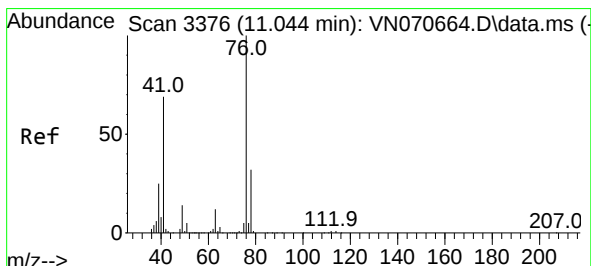
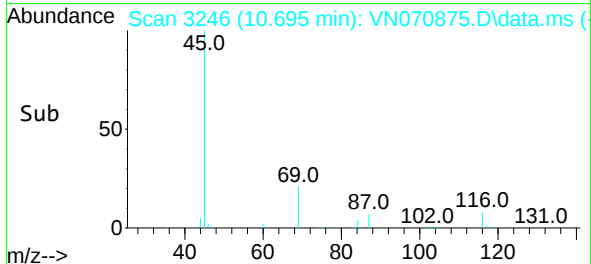
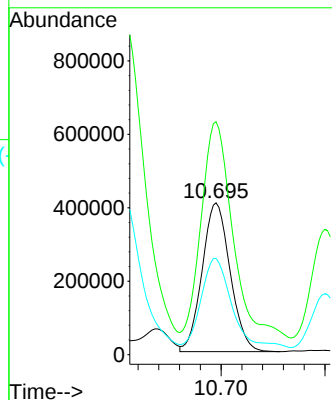
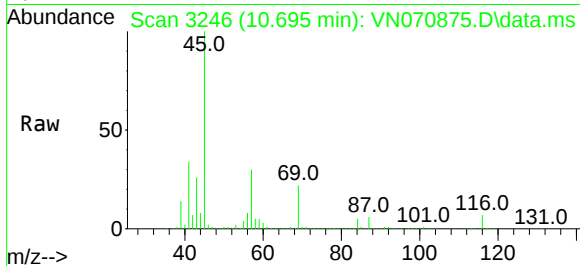




#56
Ethyl methacrylate
Concen: 30.862 ug/l
RT: 10.695 min Scan# 31
Delta R.T. -0.065 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

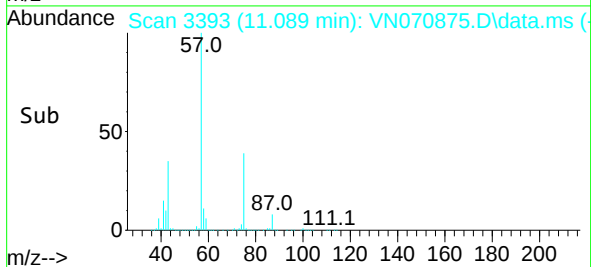
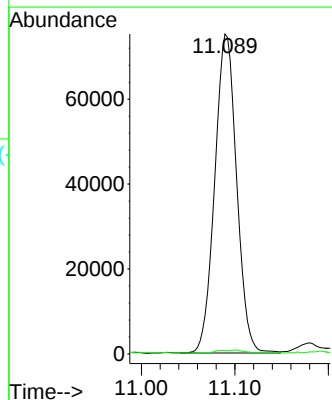
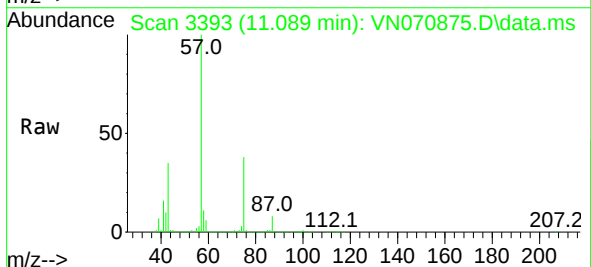
Instrument :
MSVOA_N
ClientSampleId :
31524

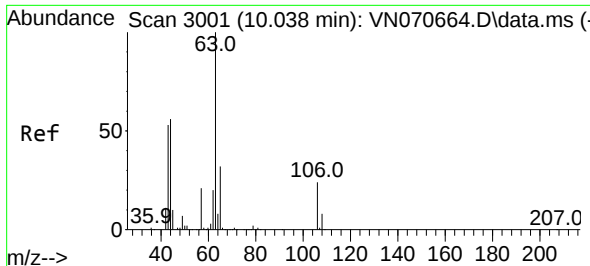
Tgt Ion: 69 Resp: 758784
Ion Ratio Lower Upper
69 100
41 162.0 51.4 77.0#
39 64.9 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 5.174 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.045 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 76 Resp: 122047
Ion Ratio Lower Upper
76 100
78 0.6 25.7 38.5#

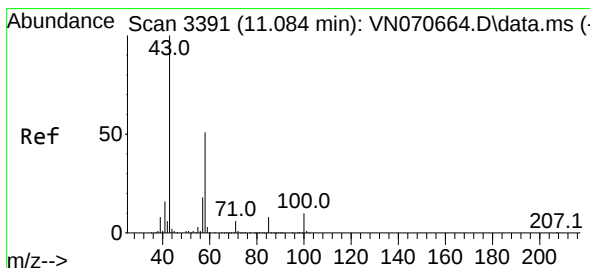
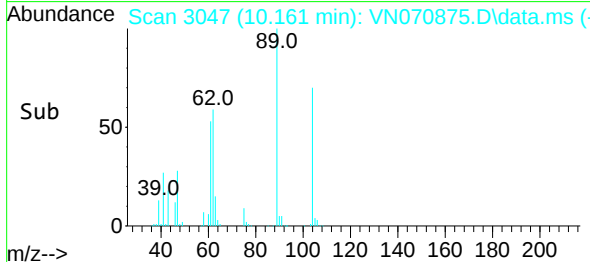
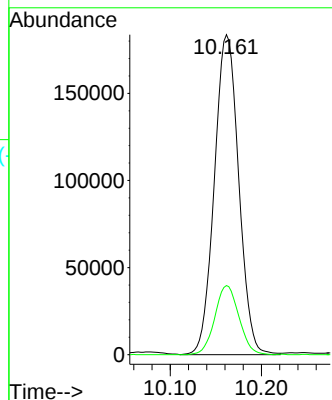
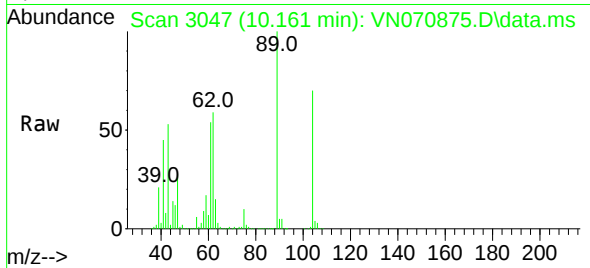




#58
2-Chloroethyl Vinyl ether
Concen: 69.794 ug/l
RT: 10.161 min Scan# 3001
Delta R.T. 0.123 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

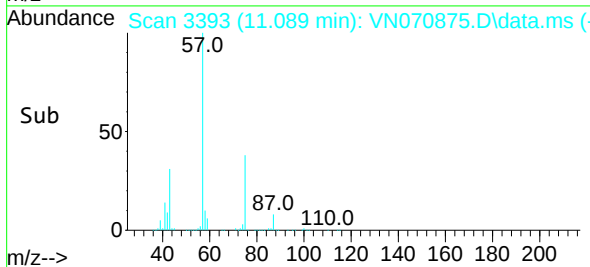
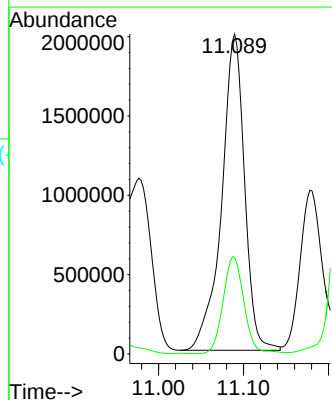
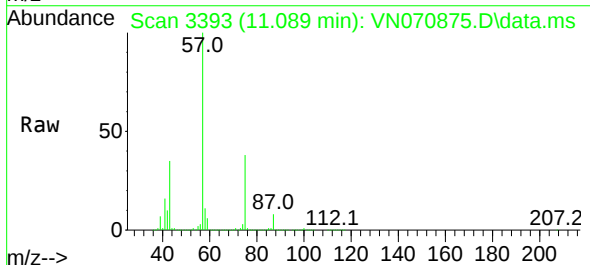
Instrument :
MSVOA_N
ClientSampleId :
31524

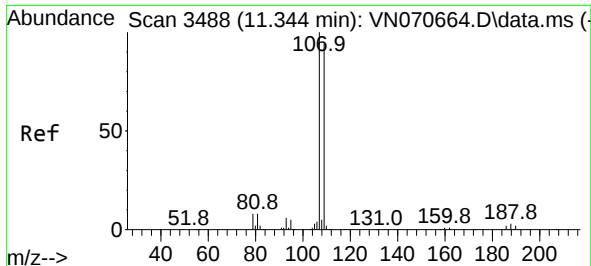
Tgt Ion: 63 Resp: 341174
Ion Ratio Lower Upper
63 100
106 21.3 23.9 35.9#



#59
2-Hexanone
Concen: 217.654 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 43 Resp: 3744361
Ion Ratio Lower Upper
43 100
58 27.8 26.9 80.7





#61

1,2-Dibromoethane

Concen: 0.210 ug/l

RT: 11.390 min Scan# 31524

Delta R.T. 0.046 min

Lab File: VN070875.D

Acq: 1 Feb 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

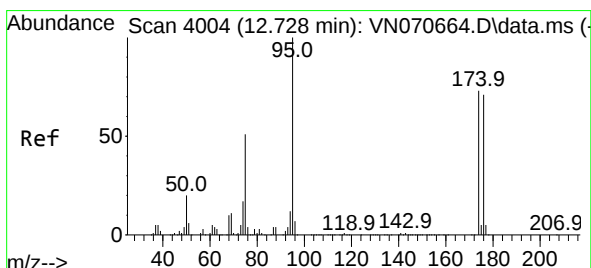
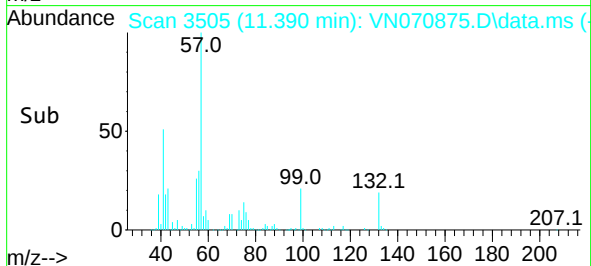
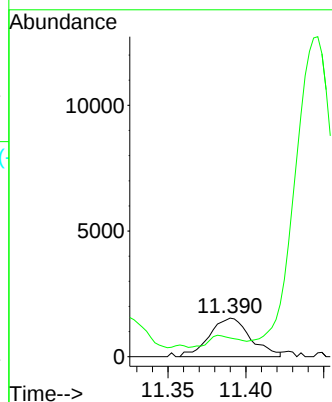
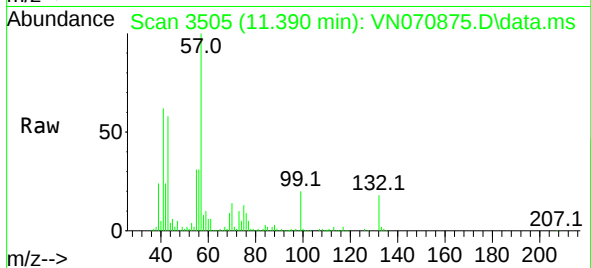
31524

Tgt Ion:107 Resp: 2812

Ion Ratio Lower Upper

107 100

109 0.0 75.7 113.5#



#62

4-Bromofluorobenzene

Concen: 48.295 ug/l

RT: 12.728 min Scan# 4004

Delta R.T. 0.000 min

Lab File: VN070875.D

Acq: 1 Feb 2022 16:55

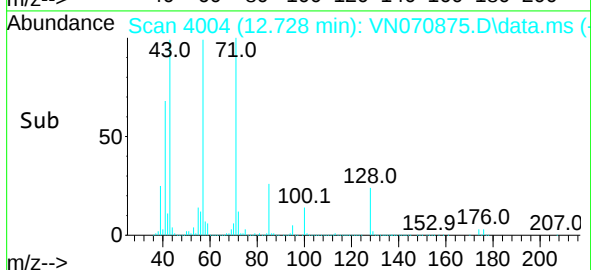
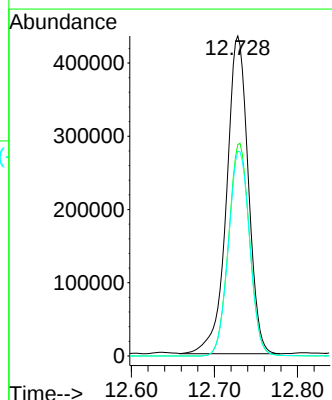
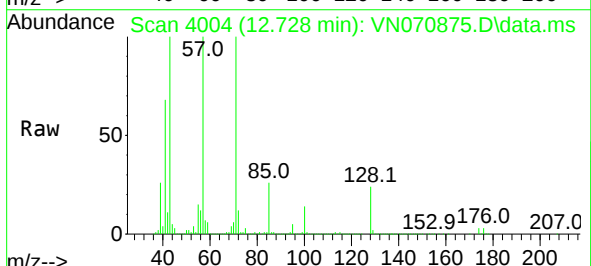
Tgt Ion: 95 Resp: 788162

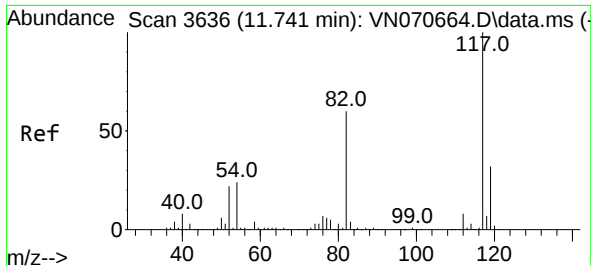
Ion Ratio Lower Upper

95 100

174 64.6 0.0 187.2

176 63.1 0.0 181.4

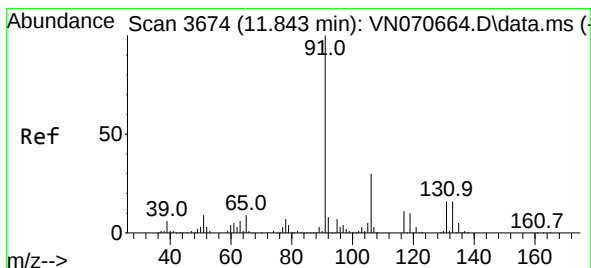
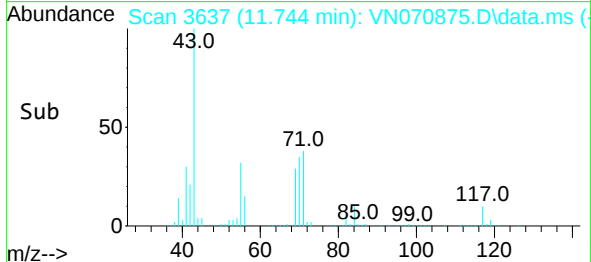
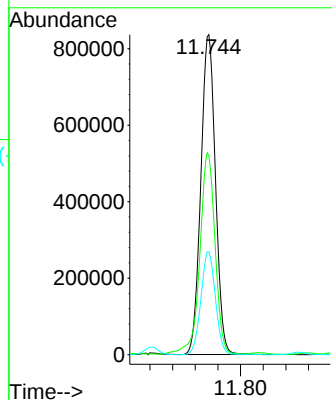
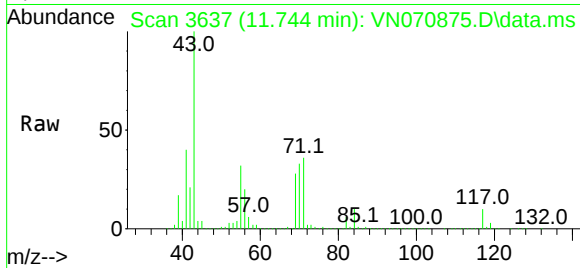




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

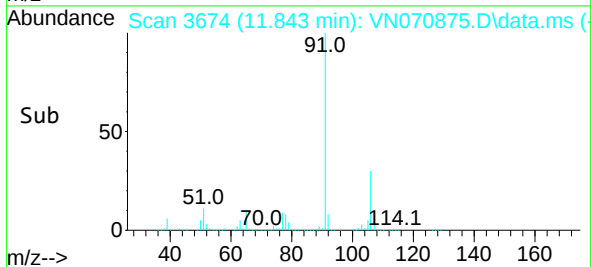
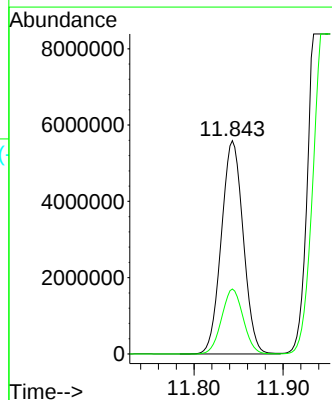
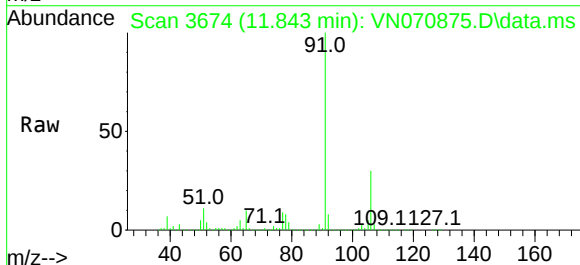
Instrument :
MSVOA_N
ClientSampleId :
31524

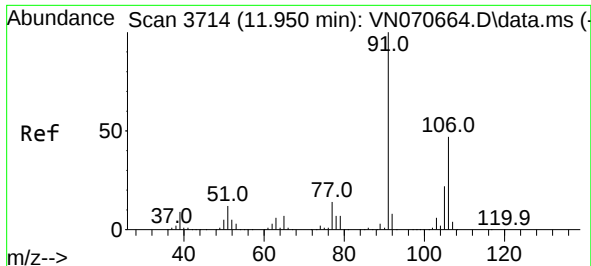
Tgt Ion:117 Resp: 1497714
Ion Ratio Lower Upper
117 100
82 62.1 42.4 63.6
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: 158.731 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 91 Resp: 9549594
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

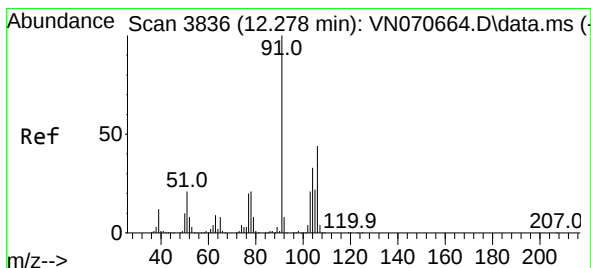
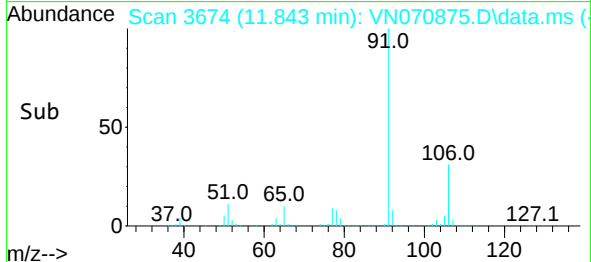
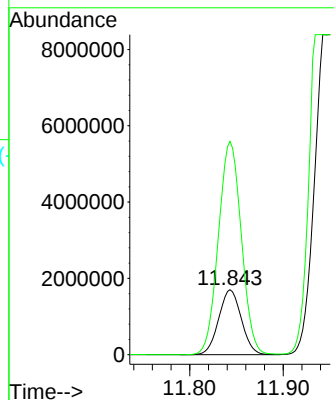
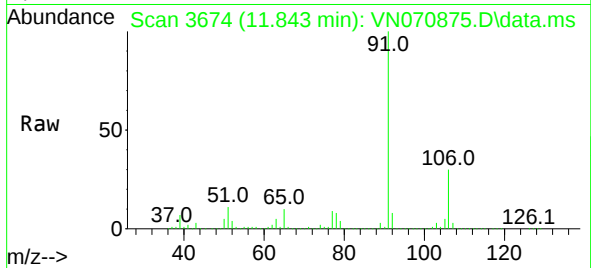




#68
m/p-Xylenes
Concen: 130.996 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.107 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

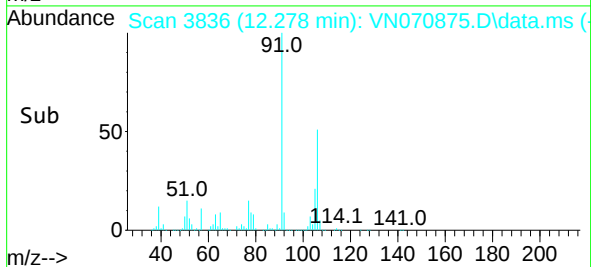
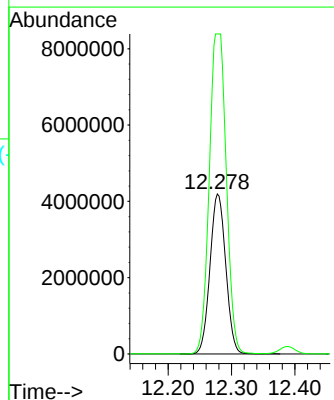
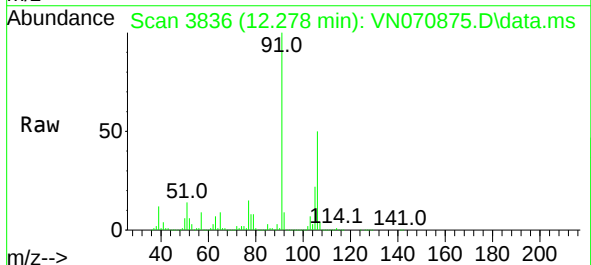
Instrument :
MSVOA_N
ClientSampleId :
31524

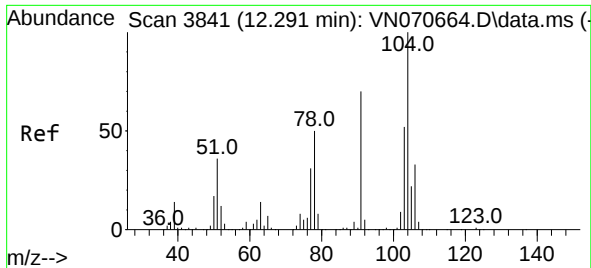
Tgt Ion:106 Resp: 2867018
Ion Ratio Lower Upper
106 100
91 333.1 160.6 240.8#



#69
o-Xylene
Concen: 332.715 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion:106 Resp: 7226489
Ion Ratio Lower Upper
106 100
91 217.2 105.8 317.3

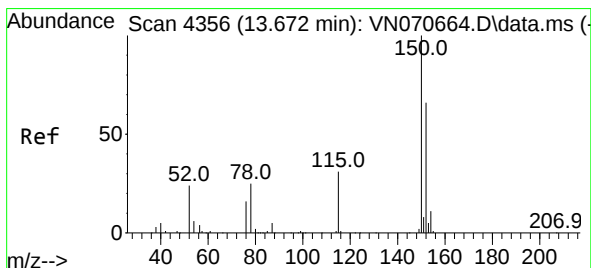
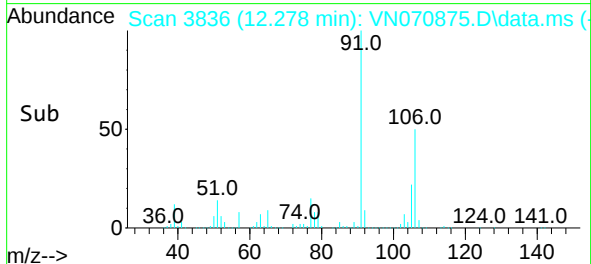
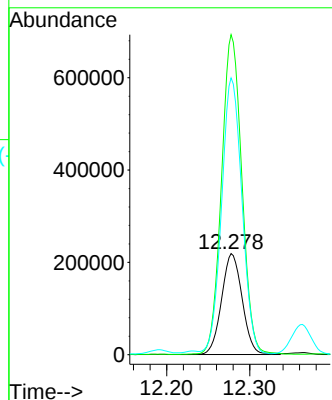
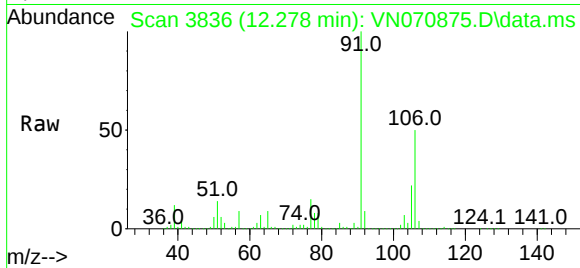




#70
Styrene
Concen: 10.891 ug/l
RT: 12.278 min Scan# 31524
Delta R.T. -0.013 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

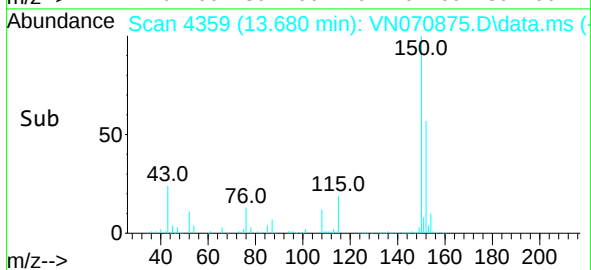
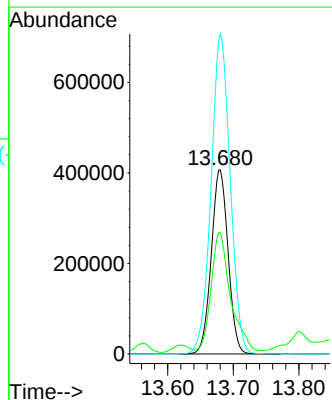
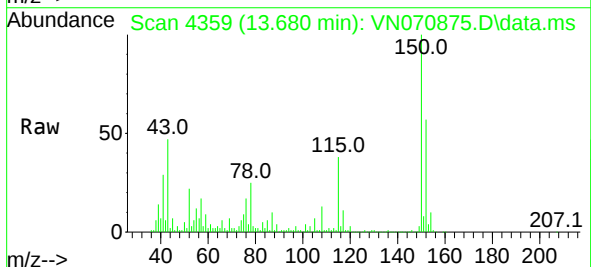
Instrument :
MSVOA_N
ClientSampleId :
31524

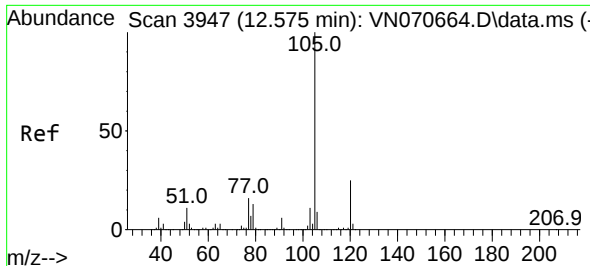
Tgt Ion:104 Resp: 378425
Ion Ratio Lower Upper
104 100
78 311.3 38.7 58.1#
103 268.9 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.008 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion:152 Resp: 722046
Ion Ratio Lower Upper
152 100
115 73.2 27.5 82.5
150 197.5 0.0 344.4

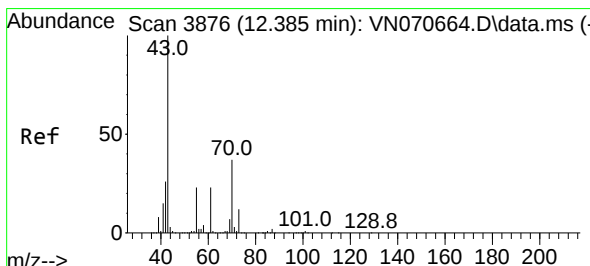
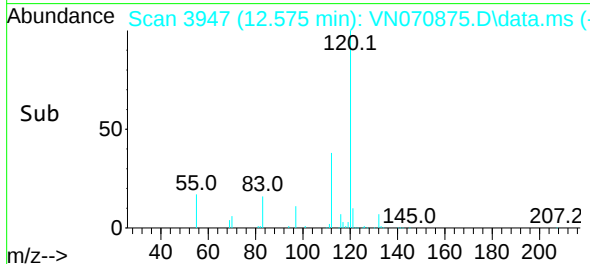
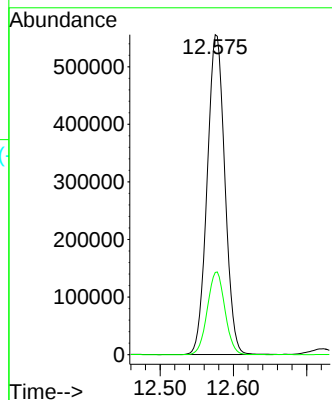
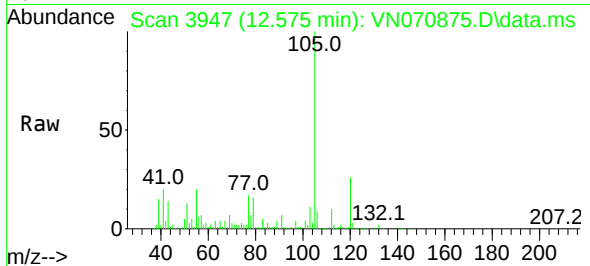




#73
Isopropylbenzene
Concen: 13.631 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

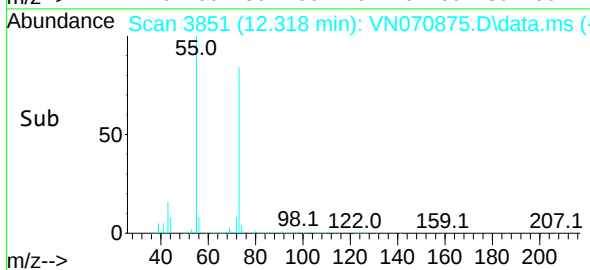
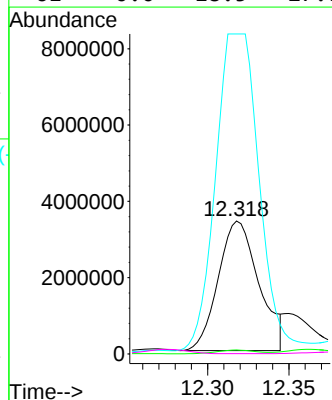
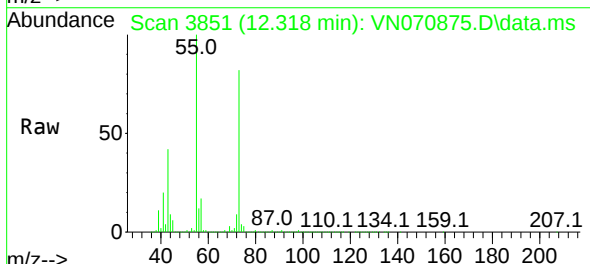
Instrument :
MSVOA_N
ClientSampleId :
31524

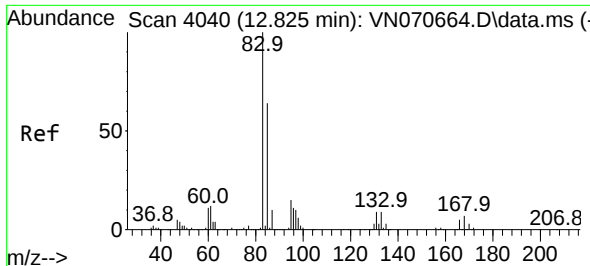
Tgt Ion:105 Resp: 931110
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 212.075 ug/l
RT: 12.318 min Scan# 3851
Delta R.T. -0.067 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 43 Resp: 5923093
Ion Ratio Lower Upper
43 100
70 2.8 33.4 50.0#
55 0.0 19.3 28.9#
61 0.0 18.5 27.7#

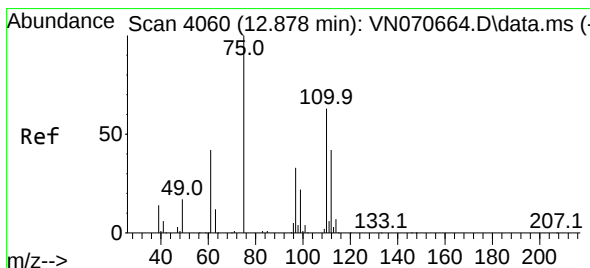
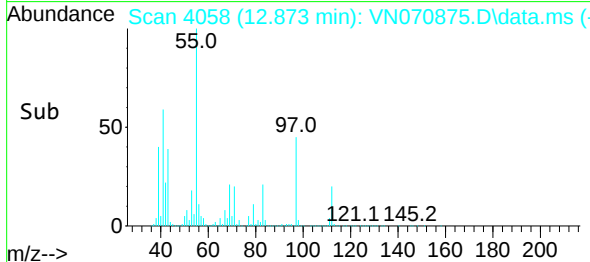
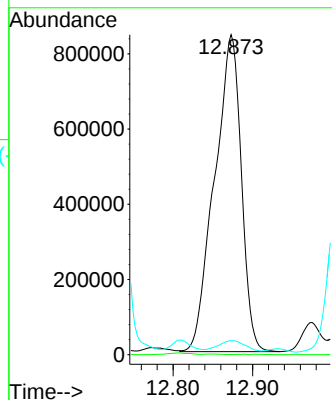
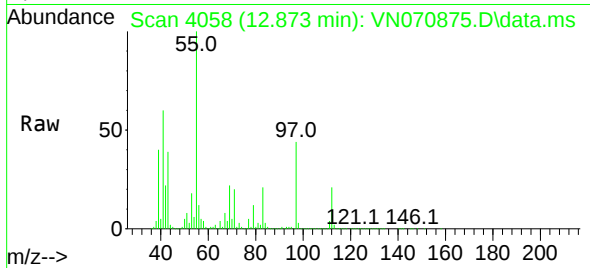




#75
 1,1,2,2-Tetrachloroethane
 Concen: 85.281 ug/l
 RT: 12.873 min Scan# 4058
 Delta R.T. 0.048 min
 Lab File: VN070875.D
 Acq: 1 Feb 2022 16:55

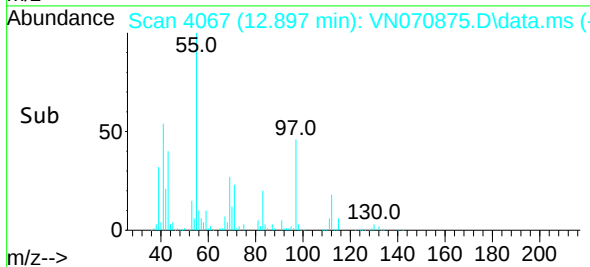
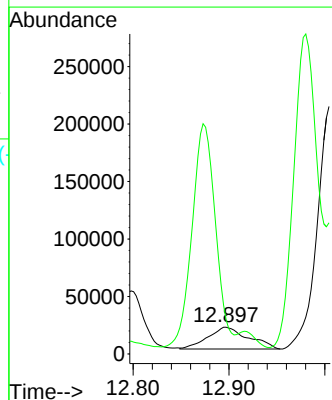
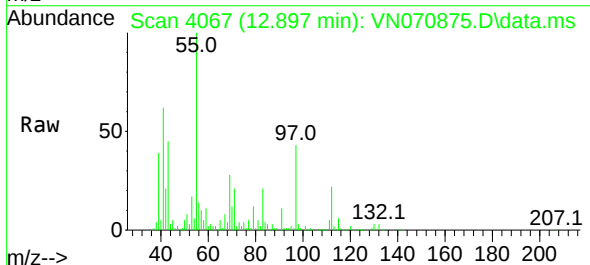
Instrument :
 MSVOA_N
 ClientSampleId :
 31524

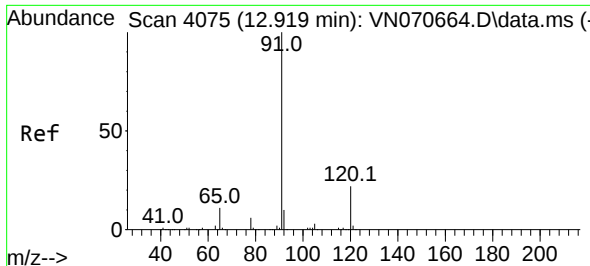
Tgt Ion: 83 Resp: 1967378
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 2.932 ug/l
 RT: 12.897 min Scan# 4067
 Delta R.T. 0.019 min
 Lab File: VN070875.D
 Acq: 1 Feb 2022 16:55

Tgt Ion: 75 Resp: 56148
 Ion Ratio Lower Upper
 75 100
 77 0.0 82.6 247.8#

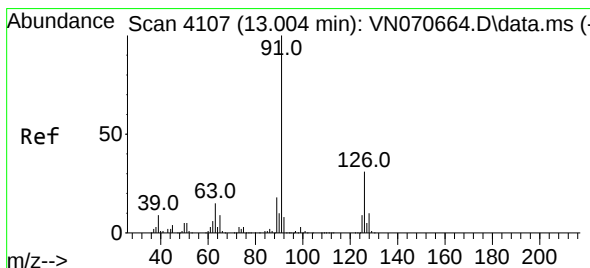
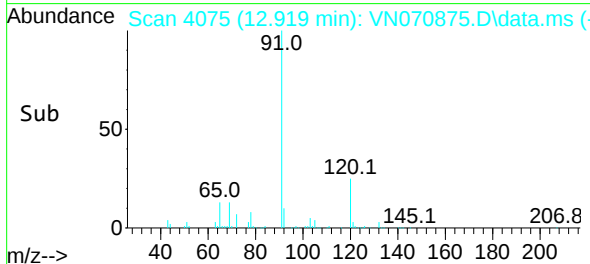
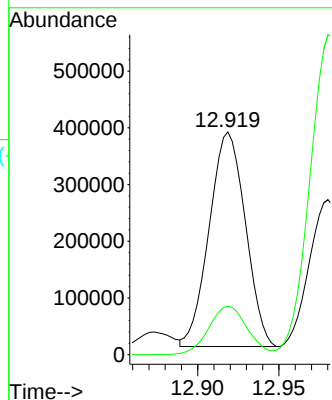
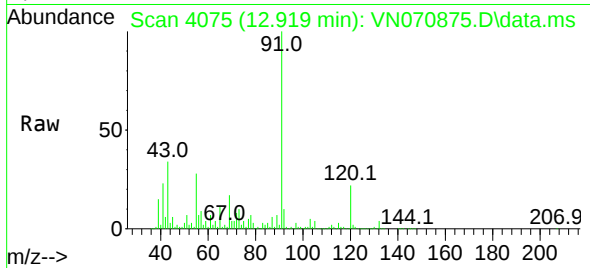




#78
n-propylbenzene
Concen: 7.647 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

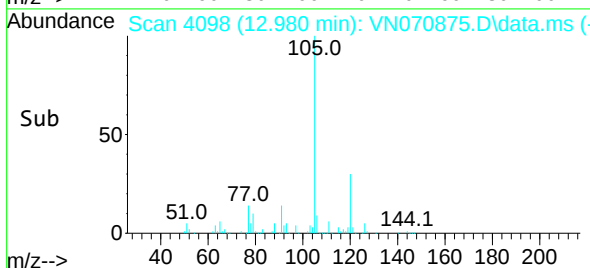
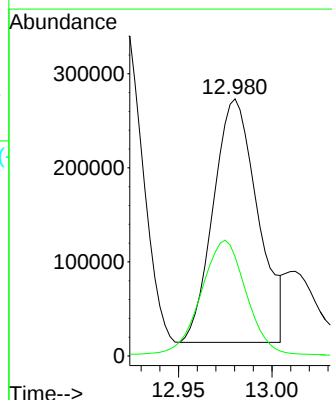
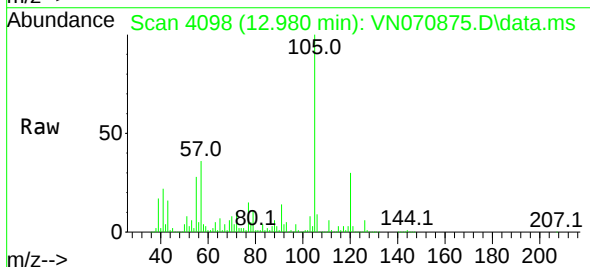
Instrument : MSVOA_N
ClientSampleId : 31524

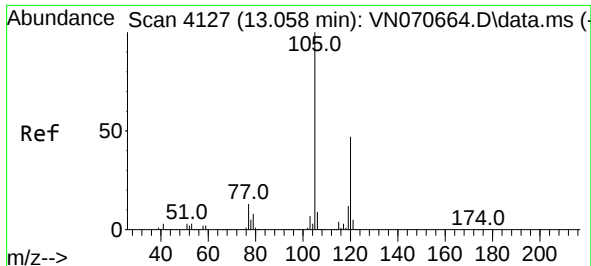
Tgt Ion: 91 Resp: 584173
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.9



#79
2-Chlorotoluene
Concen: 8.867 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.024 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 91 Resp: 428513
Ion Ratio Lower Upper
91 100
126 48.3 18.3 54.8

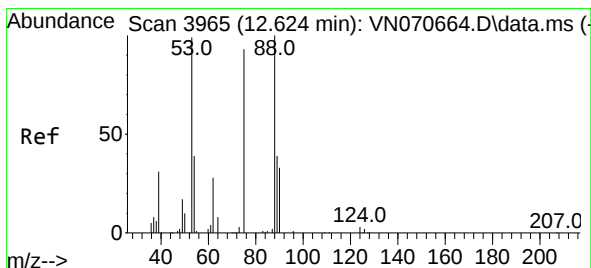
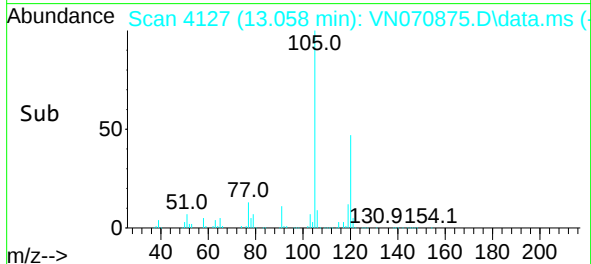
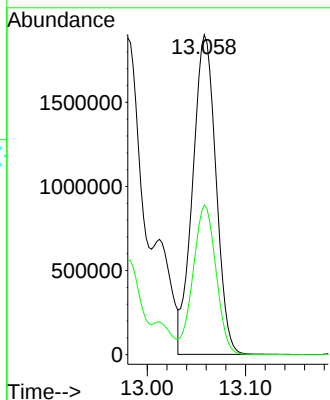
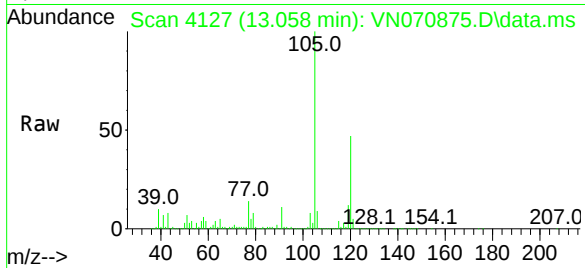




#80
1,3,5-Trimethylbenzene
Concen: 56.403 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

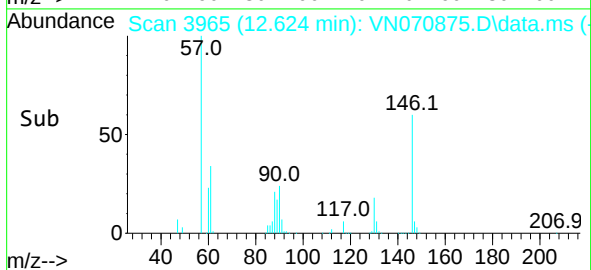
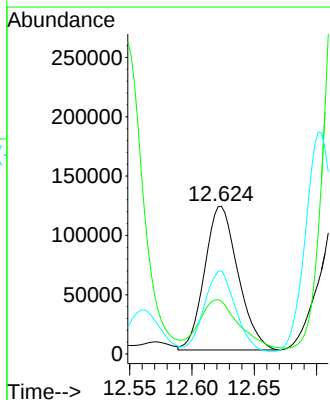
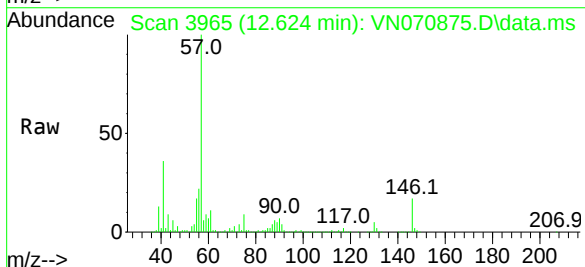
Instrument :
MSVOA_N
ClientSampleId :
31524

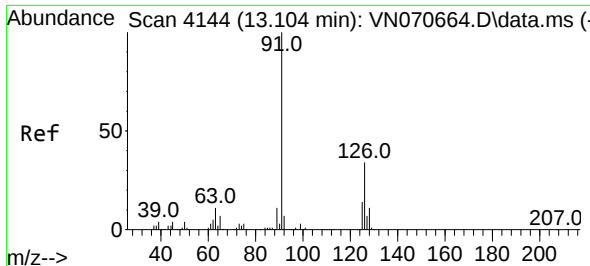
Tgt Ion:105 Resp: 3115705
Ion Ratio Lower Upper
105 100
120 46.3 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 35.095 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 75 Resp: 225596
Ion Ratio Lower Upper
75 100
53 38.8 90.5 135.7#
89 54.0 38.2 57.4

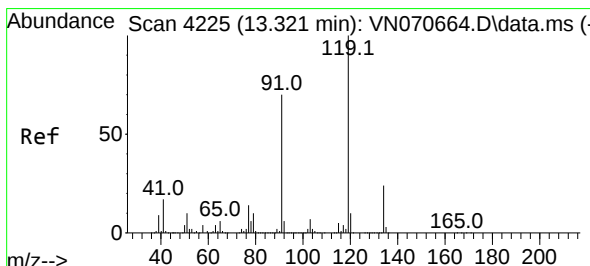
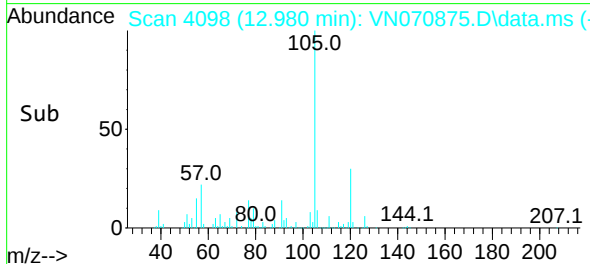
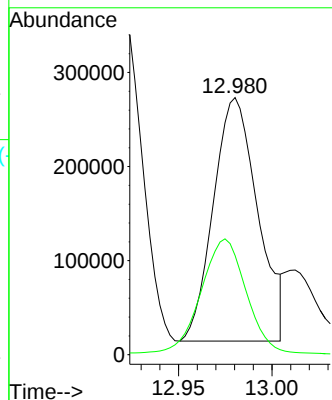
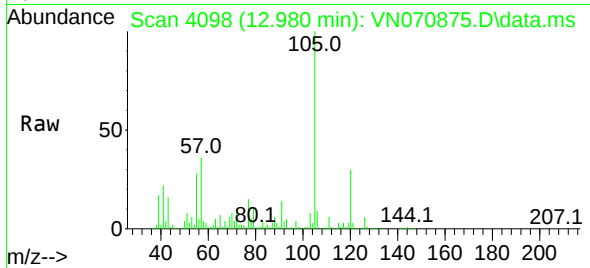




#82
4-Chlorotoluene
Concen: 9.491 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.124 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

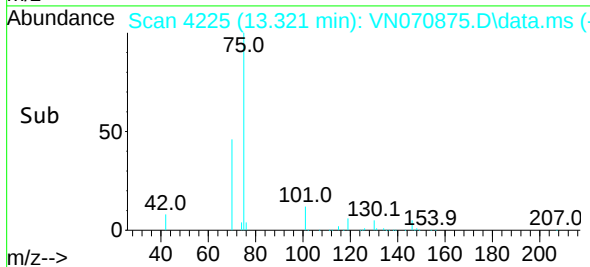
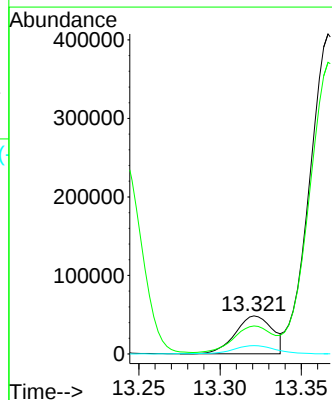
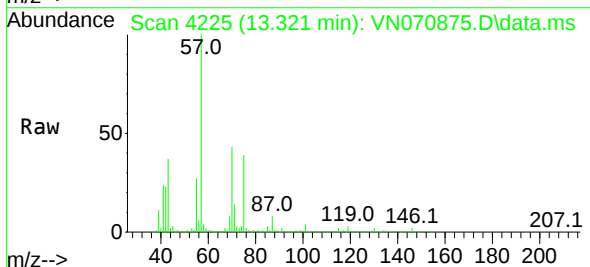
Instrument :
MSVOA_N
ClientSampleId :
31524

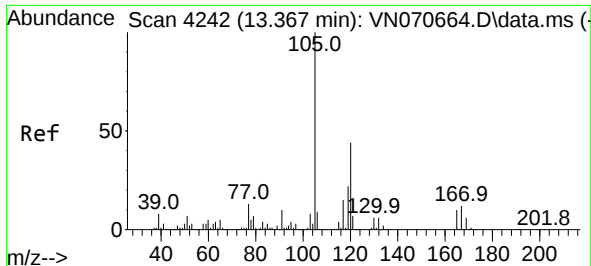
Tgt Ion: 91 Resp: 428513
Ion Ratio Lower Upper
91 100
126 48.4 18.2 54.6



#83
tert-Butylbenzene
Concen: 1.604 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 119 Resp: 77120
Ion Ratio Lower Upper
119 100
91 0.0 31.5 94.5#
134 26.0 12.4 37.4

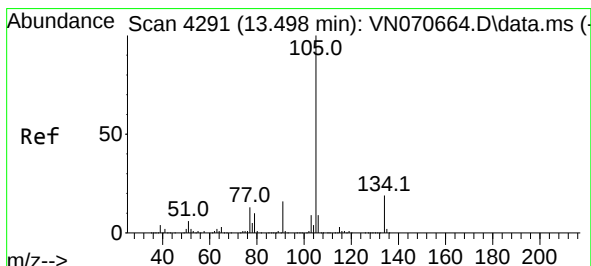
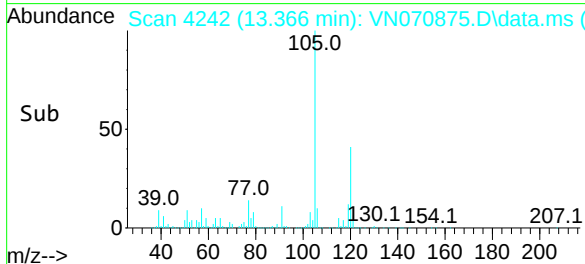
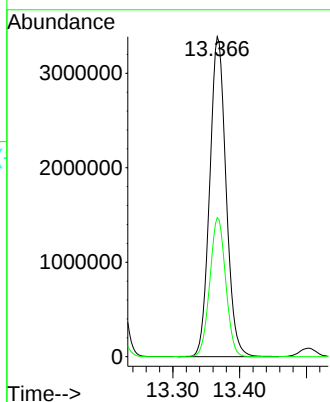
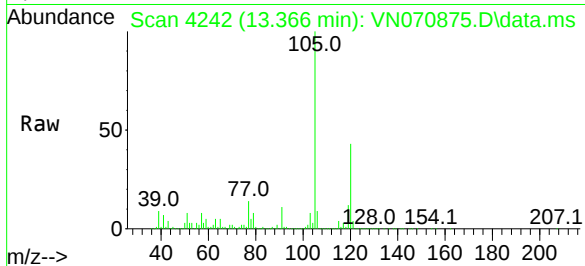




#84
1,2,4-Trimethylbenzene
Concen: 108.455 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

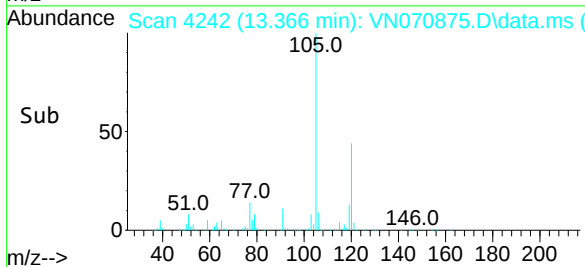
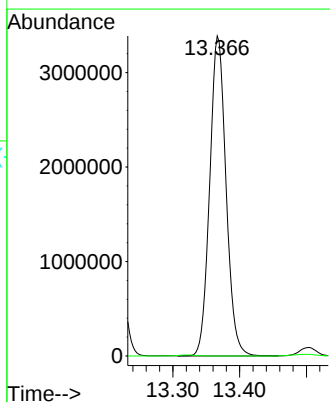
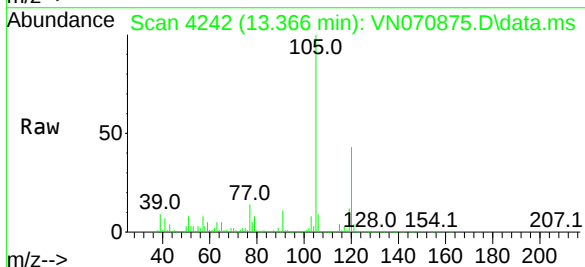
Instrument :
MSVOA_N
ClientSampleId :
31524

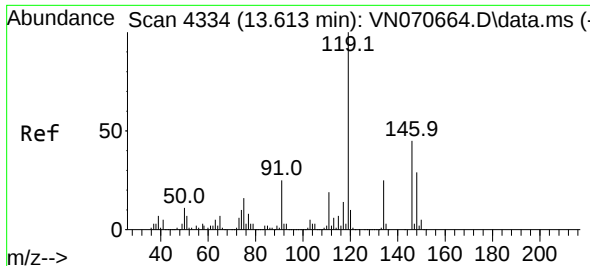
Tgt Ion:105 Resp: 5758807
Ion Ratio Lower Upper
105 100
120 42.2 22.8 68.4



#85
sec-Butylbenzene
Concen: 88.093 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.132 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion:105 Resp: 5758807
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

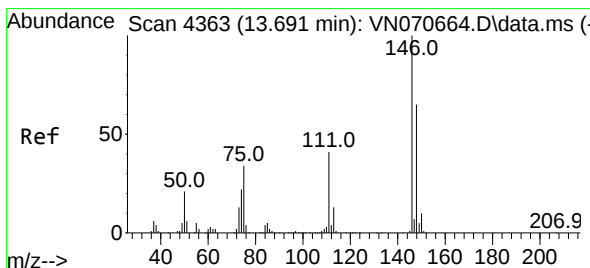
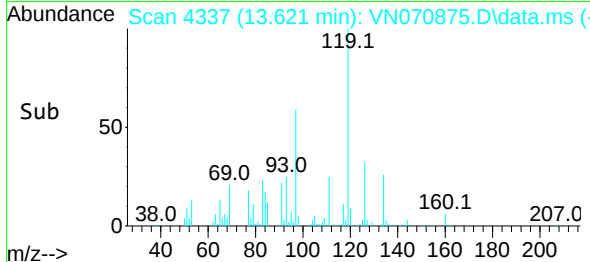
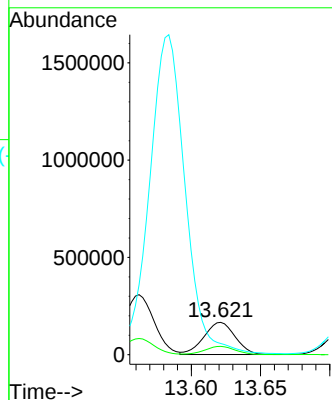
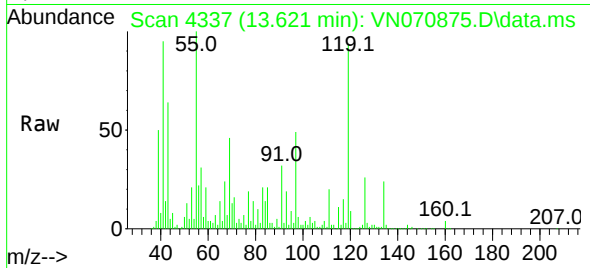




#86
p-Isopropyltoluene
Concen: 5.054 ug/l
RT: 13.621 min Scan# 41
Delta R.T. 0.008 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

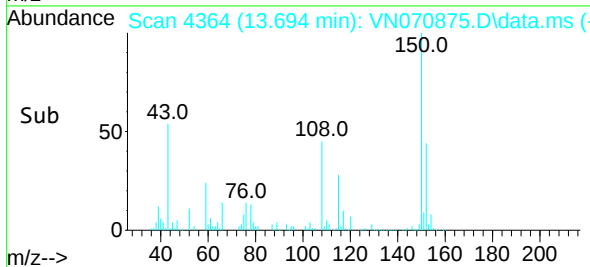
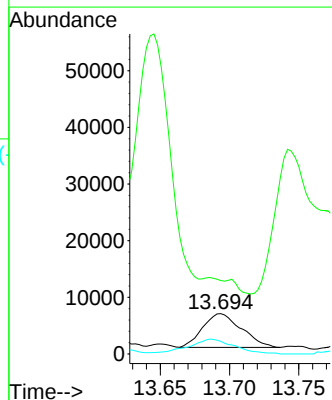
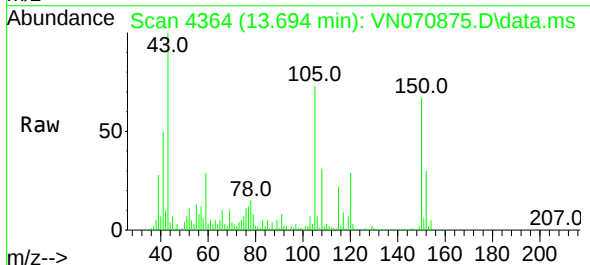
Instrument :
MSVOA_N
ClientSampleId :
31524

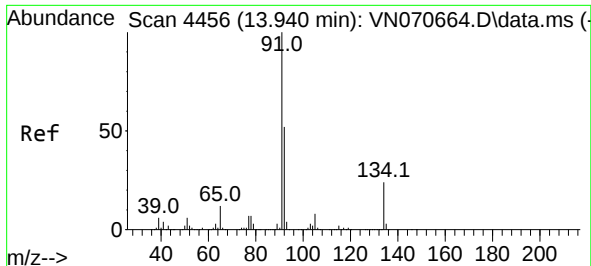
Tgt Ion:119 Resp: 259546
Ion Ratio Lower Upper
119 100
134 24.9 13.6 40.7
91 0.0 11.4 34.1#



#88
1,4-Dichlorobenzene
Concen: 0.457 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion:146 Resp: 11595
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 52.4 31.8 95.4

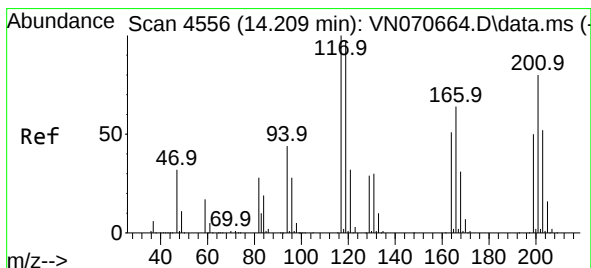
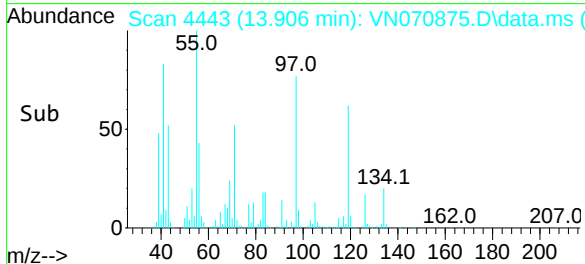
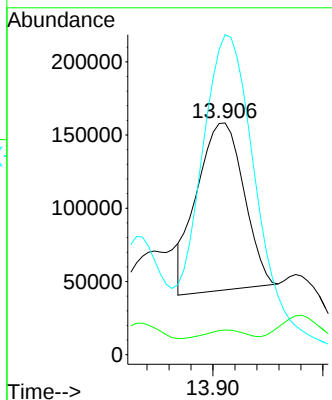
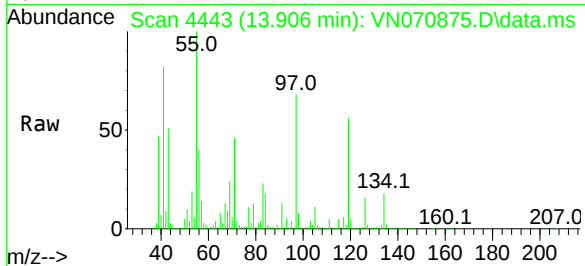




#89
n-Butylbenzene
Concen: 4.012 ug/l
RT: 13.906 min Scan# 4456
Delta R.T. -0.034 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

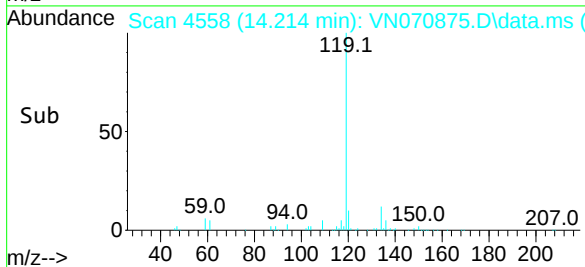
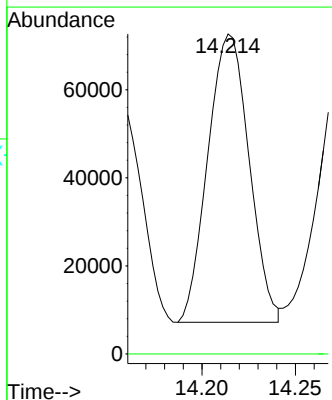
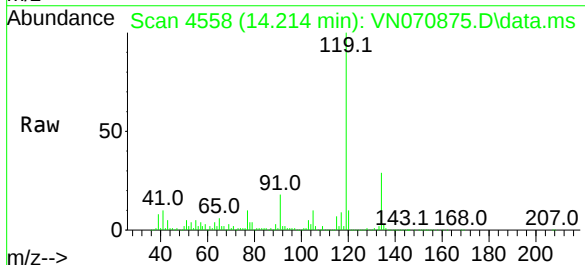
Instrument :
MSVOA_N
ClientSampleId :
31524

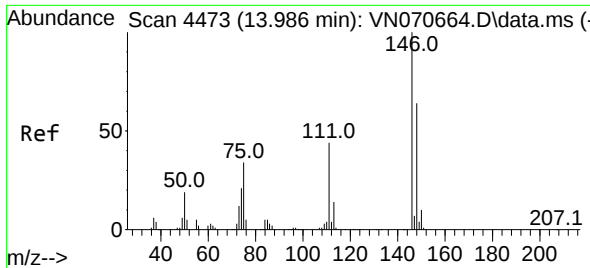
Tgt Ion: 91 Resp: 169957
Ion Ratio Lower Upper
91 100
92 10.0 25.4 76.0#
134 231.2 13.6 40.8#



#90
Hexachloroethane
Concen: 11.198 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.005 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 117 Resp: 100520
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

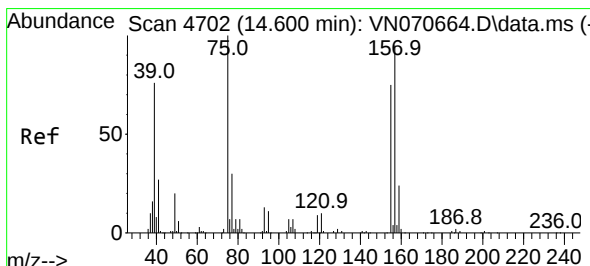
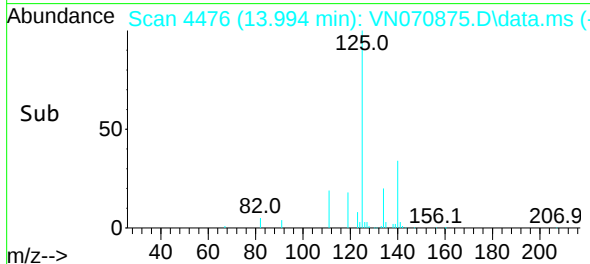
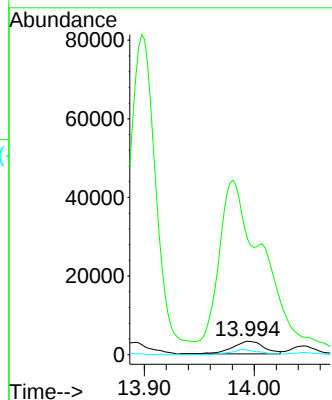
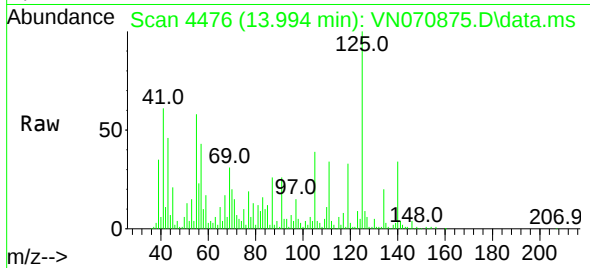




#91
1,2-Dichlorobenzene
Concen: 0.253 ug/l
RT: 13.994 min Scan# 4473
Delta R.T. 0.008 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

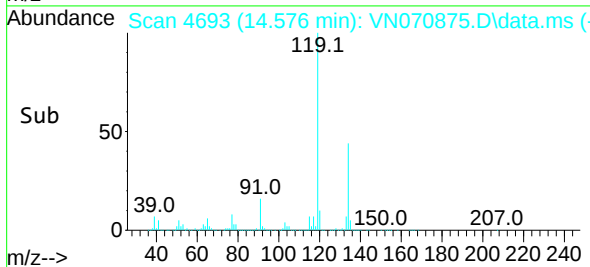
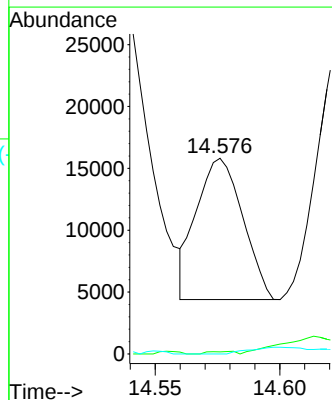
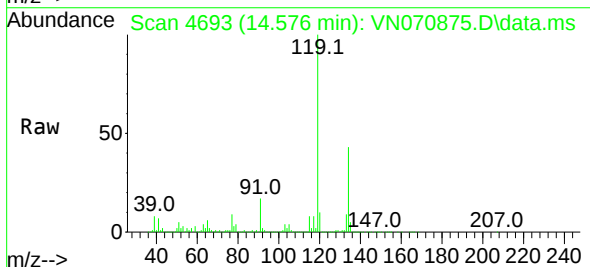
Instrument :
MSVOA_N
ClientSampleId :
31524

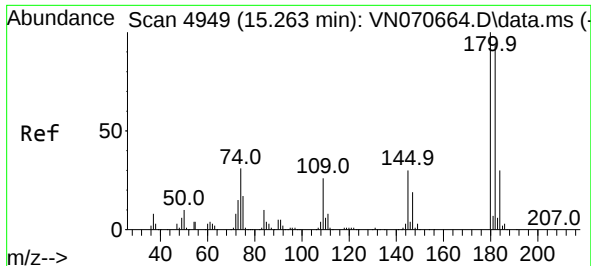
Tgt Ion:146 Resp: 6379
Ion Ratio Lower Upper
146 100
111 1119.9 19.1 57.3#
148 36.9 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.772 ug/l
RT: 14.576 min Scan# 4693
Delta R.T. -0.024 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

Tgt Ion: 75 Resp: 14760
Ion Ratio Lower Upper
75 100
155 1.0 46.9 140.7#
157 0.0 60.6 181.7#

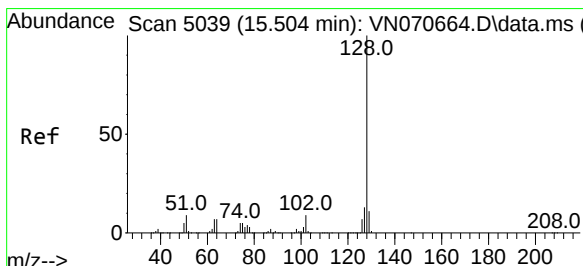
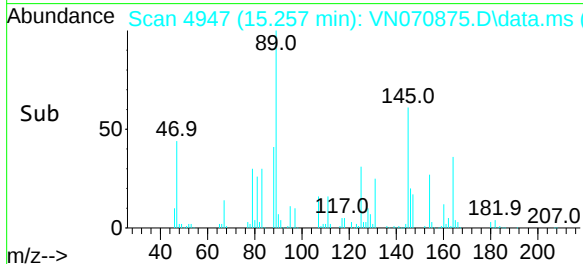
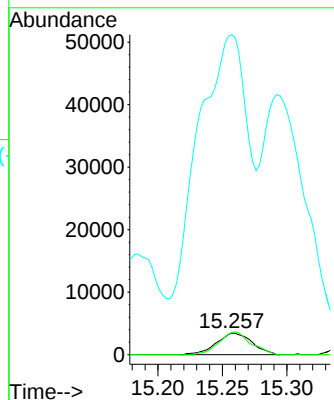
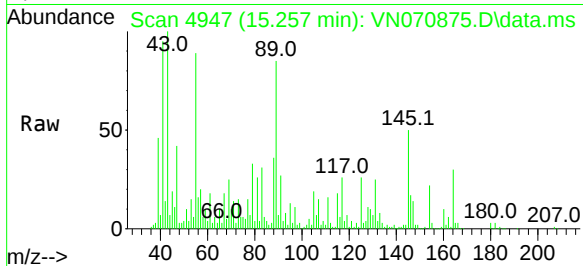




#93
1,2,4-Trichlorobenzene
Concen: 3.889 ug/l
RT: 15.257 min Scan# 4949
Delta R.T. -0.006 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

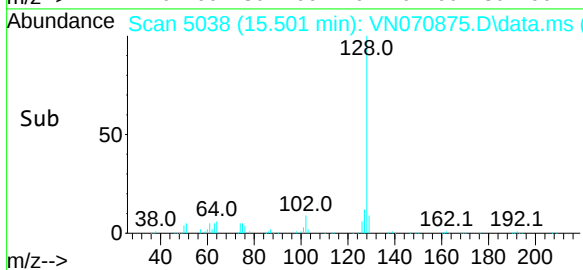
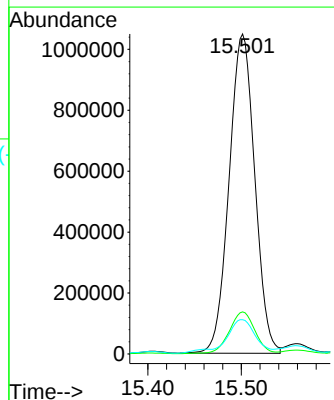
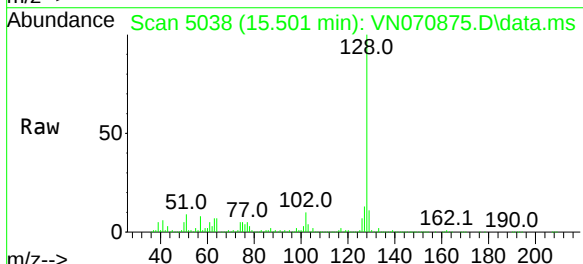
Instrument :
MSVOA_N
ClientSampleId :
31524

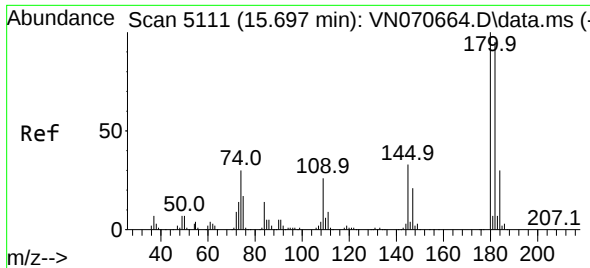
Tgt Ion:180 Resp: 6638
Ion Ratio Lower Upper
180 100
182 93.7 48.3 144.9
145 1700.7 14.5 43.5#



#95
Naphthalene
Concen: 53.165 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070875.D
Acq: 1 Feb 2022 16:55

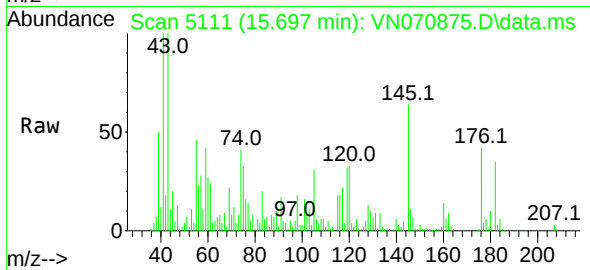
Tgt Ion:128 Resp: 2003566
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.823 ug/l
 RT: 15.697 min Scan# 5111
 Delta R.T. 0.000 min
 Lab File: VN070875.D
 Acq: 1 Feb 2022 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 31524



Tgt Ion:180 Resp: 8268
 Ion Ratio Lower Upper
 180 100
 182 576.1 47.4 142.2#
 145 0.0 15.0 45.1#

