

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070885.D
 Acq On : 1 Feb 2022 21:09
 Operator : JC/MD
 Sample : N1342-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31539

Quant Time: Feb 02 00:39:45 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	1217144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1870930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1600359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.683	152	817207	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	733633	42.057	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.120%
35) Dibromofluoromethane	8.021	113	554901	47.814	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.620%
50) Toluene-d8	10.440	98	2443189	49.973	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.728	95	886589	50.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.780%

Target Compounds						Qvalue
3) Chloromethane	2.258	50	140525	6.835	ug/l #	69
8) Diethyl Ether	3.821	74	3574127	366.293	ug/l	85
11) Tert butyl alcohol	5.382	59	12510143	3975.194	ug/l #	92
13) Acrolein	4.057	56	2807	0.622	ug/l #	14
14) Allyl chloride	5.079	41	87580	2.985	ug/l #	66
15) Acrylonitrile	5.613	53	46895	4.684	ug/l #	34
16) Acetone	4.283	43	12130270	1001.912	ug/l	97
17) Carbon Disulfide	4.535	76	38199	1.045	ug/l	99
18) Methyl Acetate	4.851	43	1654559	69.489	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	2799191	58.193	ug/l #	45
20) Methylene Chloride	5.093	84	26899	1.687	ug/l #	78
22) Diisopropyl ether	6.501	45	9535735	163.982	ug/l #	1
23) Vinyl Acetate	6.498	43	510416	10.355	ug/l #	76
24) 1,1-Dichloroethane	6.493	63	32459	1.116	ug/l #	83
25) 2-Butanone	7.332	43	8146022	534.695	ug/l	93
26) 2,2-Dichloropropane	7.319	77	26421	1.185	ug/l #	52
28) Bromochloromethane	7.654	49	3799	0.291	ug/l #	10
29) Tetrahydrofuran	7.683	42	363922	39.012	ug/l #	78
30) Chloroform	8.094	83	48920	1.229	ug/l #	13
31) Cyclohexane	8.094	56	1352389	44.028	ug/l	89
36) 1,1-Dichloropropene	8.083	75	94668	4.845	ug/l #	49
37) Ethyl Acetate	7.332	43	8146022	314.055	ug/l #	68
38) Carbon Tetrachloride	8.083	117	116568	6.707	ug/l #	16
39) Methylcyclohexane	9.459	83	793382	32.894	ug/l	91
41) Methacrylonitrile	7.659	41	518556	39.296	ug/l #	35
42) 1,2-Dichloroethane	8.461	62	884199	42.123	ug/l #	76
43) Isopropyl Acetate	8.560	43	3788803	95.633	ug/l #	93
45) 1,2-Dichloropropane	9.510	63	41427	2.515	ug/l #	61
48) Methyl methacrylate	9.534	41	3660876	193.963	ug/l #	33
49) 1,4-Dioxane	9.574	88	1773589	6255.898	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	4227692	167.234	ug/l	98
53) t-1,3-Dichloropropene	10.800	75	141877	8.093	ug/l	94
54) cis-1,3-Dichloropropene	10.162	75	351432	14.968	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	18353	1.290	ug/l #	49
56) Ethyl methacrylate	10.698	69	961911	36.218	ug/l #	64
57) 1,3-Dichloropropane	11.092	76	106204	4.217	ug/l #	46

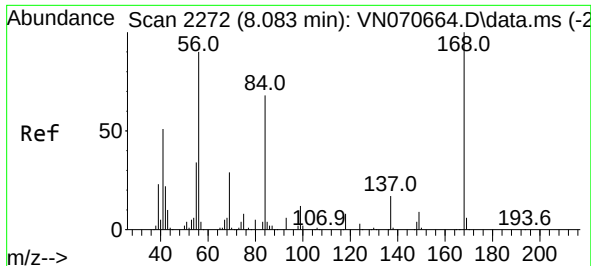
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070885.D
 Acq On : 1 Feb 2022 21:09
 Operator : JC/MD
 Sample : N1342-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31539

Quant Time: Feb 02 00:39:45 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)	
58) 2-Chloroethyl Vinyl ether	10.162	63	525662	91.319	ug/l	#	85
59) 2-Hexanone	11.092	43	4086198	222.500	ug/l		74
61) 1,2-Dibromoethane	11.390	107	3729	0.261	ug/l	#	49
67) Ethyl Benzene	11.843	91	5866533	91.258	ug/l		97
68) m/p-Xylenes	11.948	106	14085458	602.296	ug/l	#	1
69) o-Xylene	12.278	106	5097620	219.647	ug/l		93
70) Styrene	12.278	104	267253	7.198	ug/l	#	1
73) Isopropylbenzene	12.578	105	677676	8.766	ug/l		98
74) N-amyl acetate	12.321	43	12518807	396.037	ug/l	#	45
75) 1,1,2,2-Tetrachloroethane	12.873	83	2622806	100.453	ug/l	#	25
76) 1,2,3-Trichloropropane	13.149	75	33040	1.524	ug/l		60
78) n-propylbenzene	12.919	91	445087	5.148	ug/l		98
79) 2-Chlorotoluene	12.980	91	384384	7.028	ug/l	#	37
80) 1,3,5-Trimethylbenzene	13.058	105	2800972	44.801	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.626	75	61935	8.513	ug/l	#	5
82) 4-Chlorotoluene	13.058	91	291976	5.714	ug/l	#	38
83) tert-Butylbenzene	13.367	119	615496	11.309	ug/l	#	29
84) 1,2,4-Trimethylbenzene	13.367	105	5454148	90.757	ug/l		92
85) sec-Butylbenzene	13.367	105	5454148	73.717	ug/l	#	56
86) p-Isopropyltoluene	13.624	119	201656	3.470	ug/l	#	77
88) 1,4-Dichlorobenzene	13.691	146	10027	0.349	ug/l	#	29
89) n-Butylbenzene	13.903	91	195646	4.080	ug/l	#	1
90) Hexachloroethane	14.217	117	74913	7.373	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.576	75	7309	1.650	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.365	180	99609	9.571	ug/l	#	15
95) Naphthalene	15.501	128	1127038	28.913	ug/l	#	96
96) 1,2,3-Trichlorobenzene	15.700	180	2491	3.377	ug/l	#	1

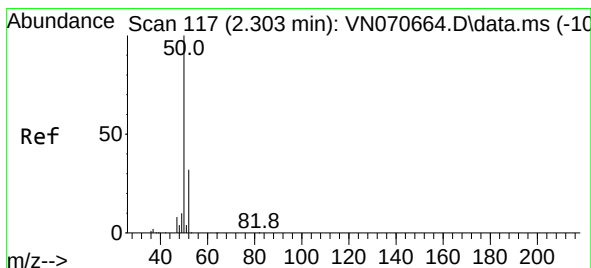
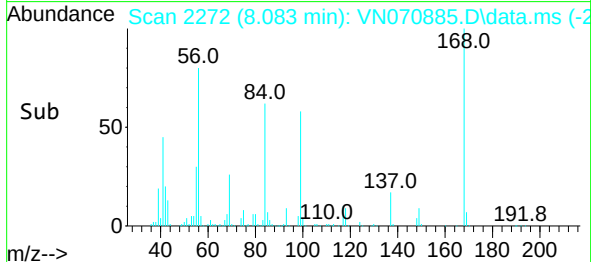
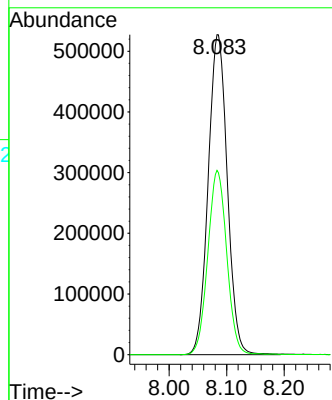
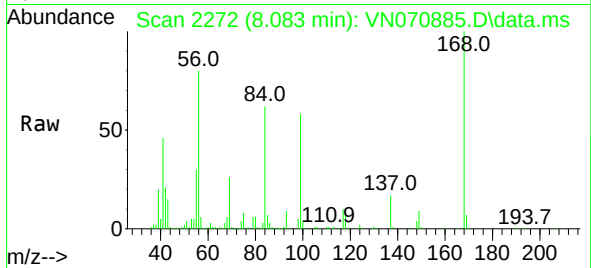
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

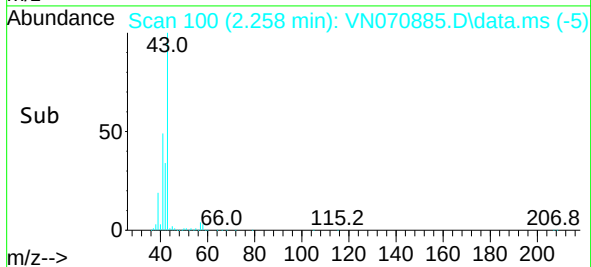
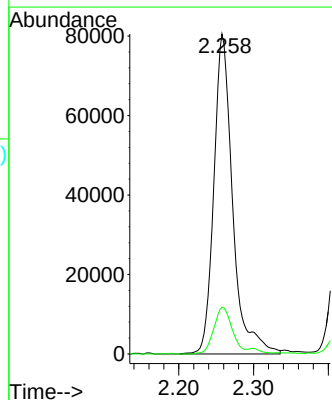
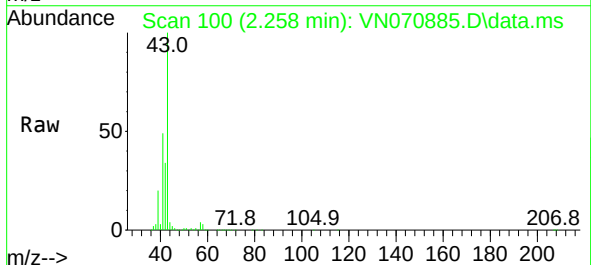
Instrument :
MSVOA_N
ClientSampleId :
31539

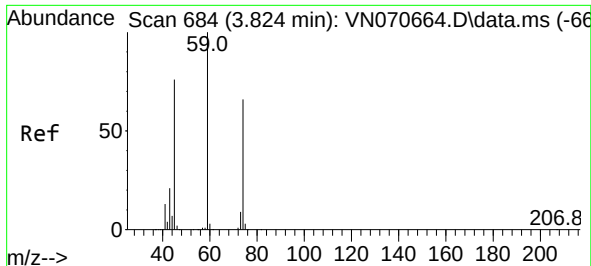
Tgt Ion:168 Resp: 1217144
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#3
Chloromethane
Concen: 6.835 ug/l
RT: 2.258 min Scan# 100
Delta R.T. -0.045 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 50 Resp: 140525
Ion Ratio Lower Upper
50 100
52 14.6 25.4 38.0

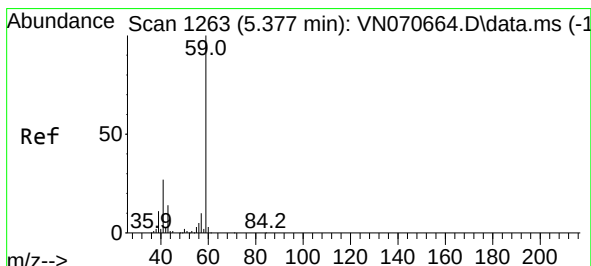
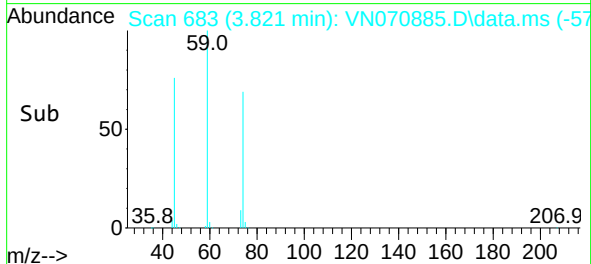
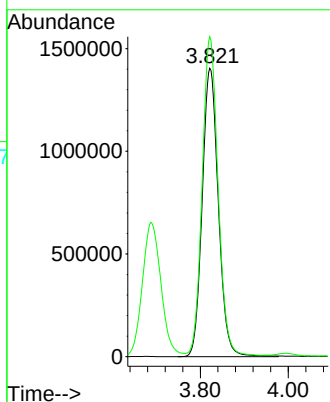
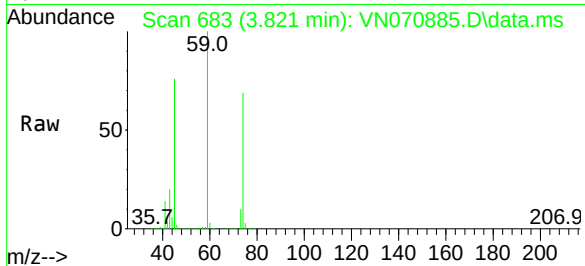




#8
Diethyl Ether
Concen: 366.293 ug/l
RT: 3.821 min Scan# 61
Delta R.T. -0.003 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

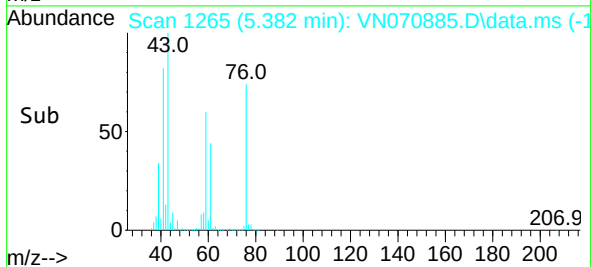
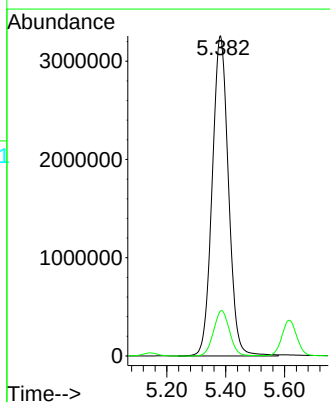
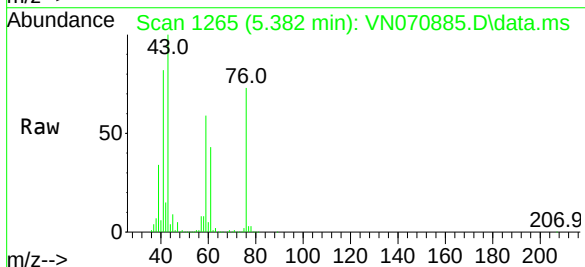
Instrument :
MSVOA_N
ClientSampleId :
31539

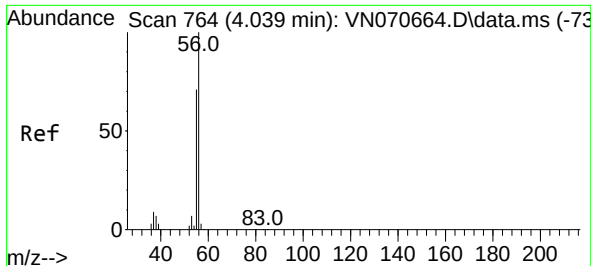
Tgt Ion: 74 Resp: 3574127
Ion Ratio Lower Upper
74 100
45 108.9 47.0 141.2



#11
Tert butyl alcohol
Concen: 3975.194 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. 0.005 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 59 Resp:12510143
Ion Ratio Lower Upper
59 100
57 14.0 8.7 13.1#





#13

Acrolein

Concen: 0.622 ug/l

RT: 4.057 min Scan# 71

Delta R.T. 0.018 min

Lab File: VN070885.D

Acq: 1 Feb 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

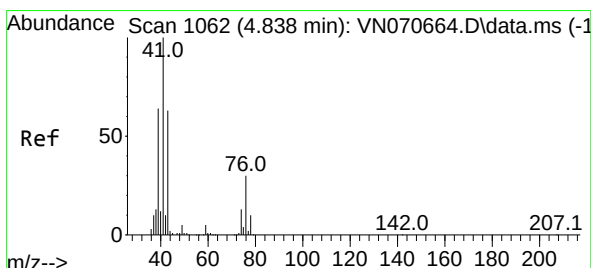
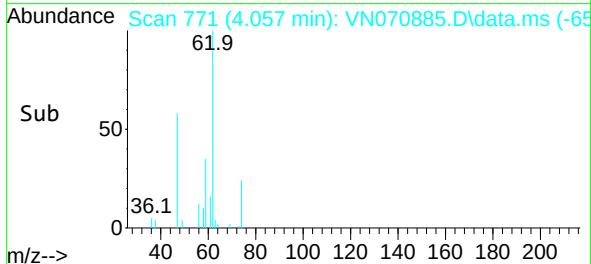
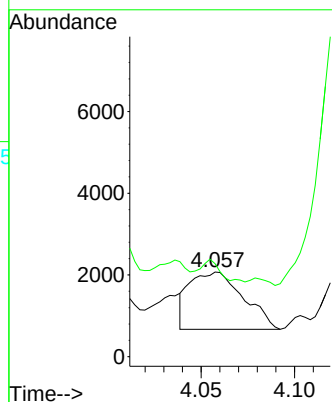
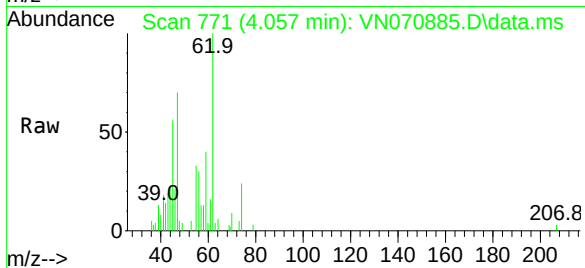
31539

Tgt Ion: 56 Resp: 2807

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



#14

Allyl chloride

Concen: 2.985 ug/l

RT: 5.079 min Scan# 1152

Delta R.T. 0.241 min

Lab File: VN070885.D

Acq: 1 Feb 2022 21:09

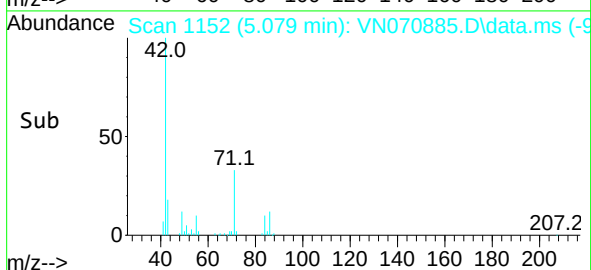
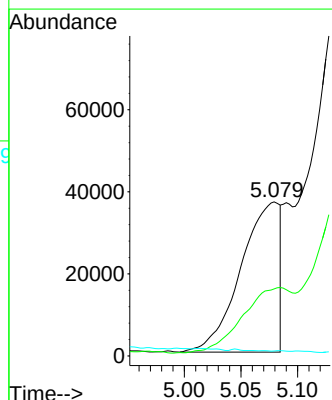
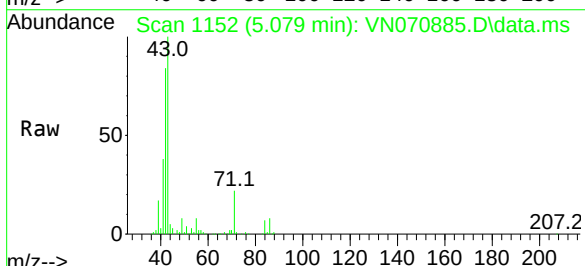
Tgt Ion: 41 Resp: 87580

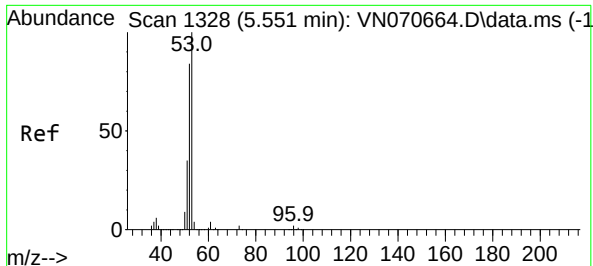
Ion Ratio Lower Upper

41 100

39 56.3 61.2 91.8#

76 0.0 26.0 39.0#

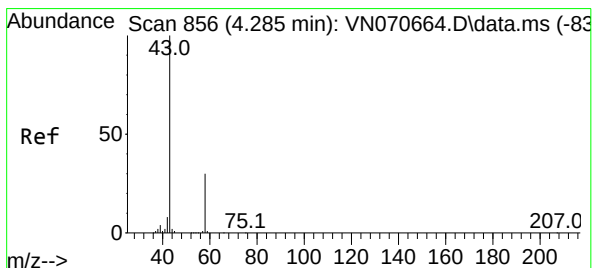
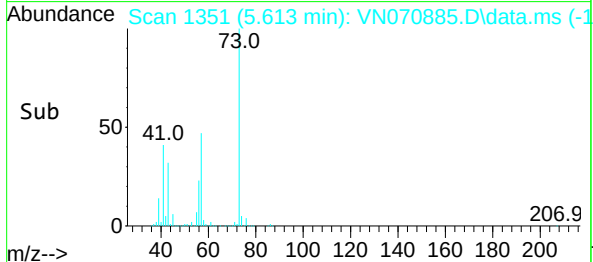
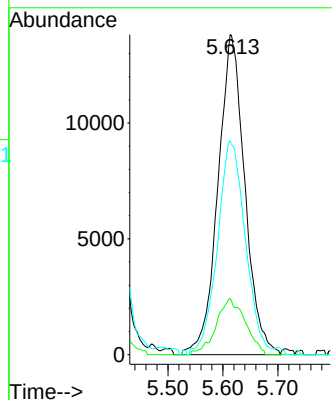
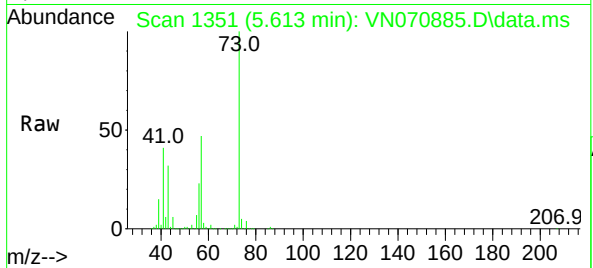




#15
Acrylonitrile
Concen: 4.684 ug/l
RT: 5.613 min Scan# 11
Delta R.T. 0.062 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

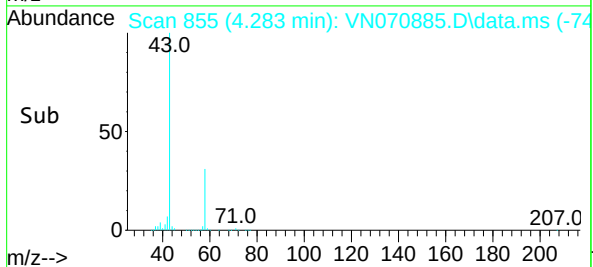
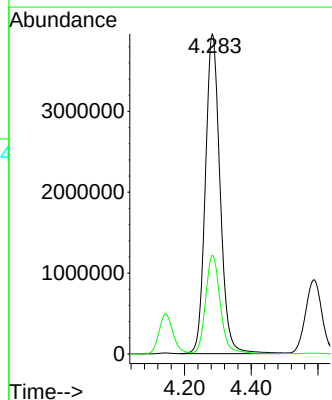
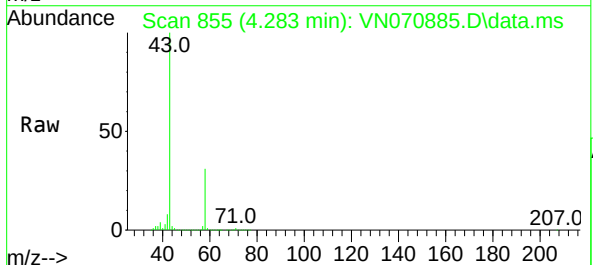
Instrument :
MSVOA_N
ClientSampleId :
31539

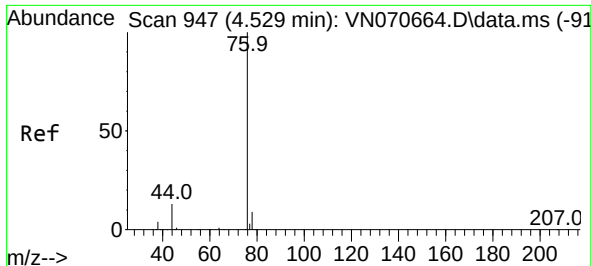
Tgt Ion: 53 Resp: 46895
Ion Ratio Lower Upper
53 100
52 18.8 66.2 99.2#
51 69.5 29.6 44.4#



#16
Acetone
Concen: 1001.912 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 43 Resp:12130270
Ion Ratio Lower Upper
43 100
58 30.7 23.1 34.7

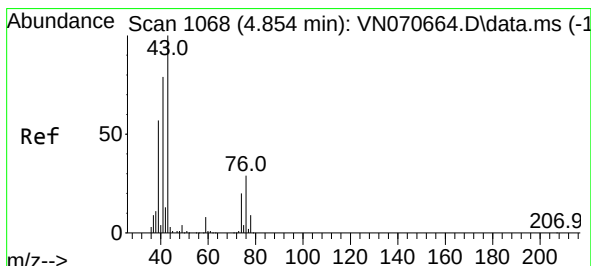
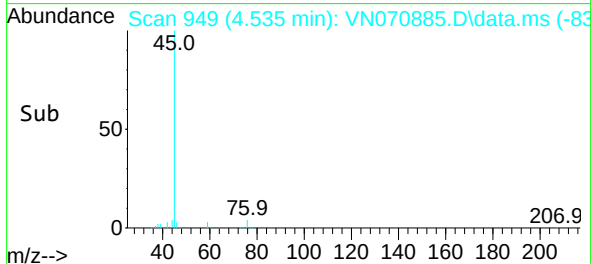
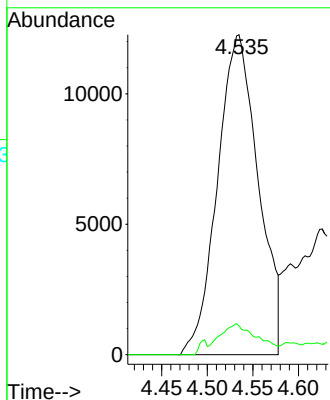
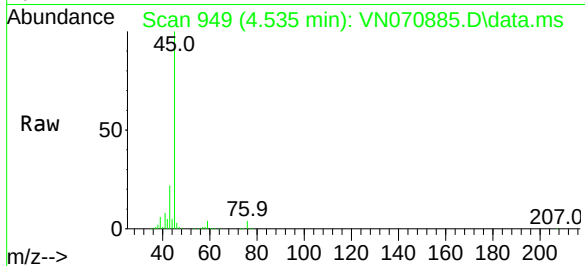




#17
Carbon Disulfide
Concen: 1.045 ug/l
RT: 4.535 min Scan# 947
Delta R.T. 0.006 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

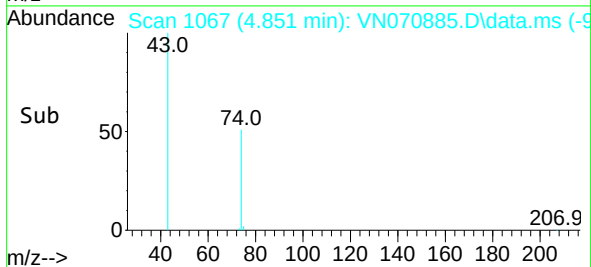
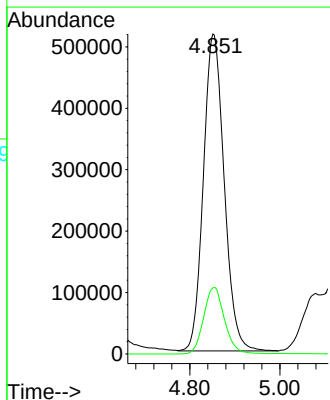
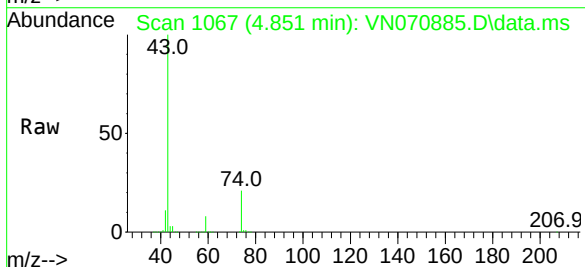
Instrument :
MSVOA_N
ClientSampleId :
31539

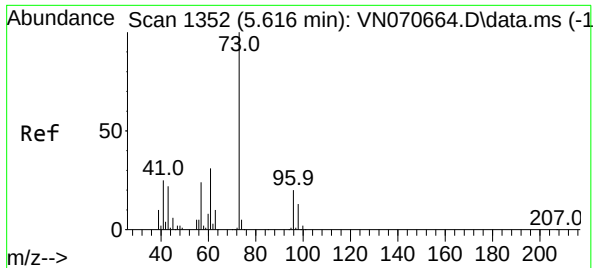
Tgt Ion: 76 Resp: 38199
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 69.489 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 43 Resp: 1654559
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2

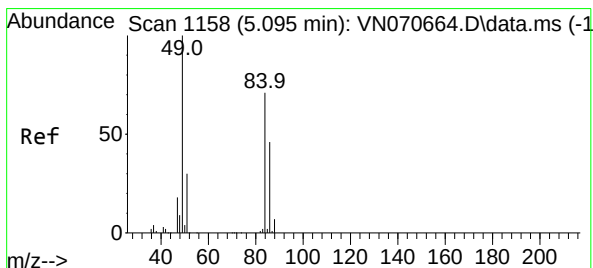
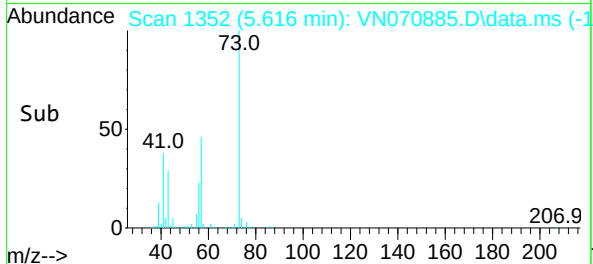
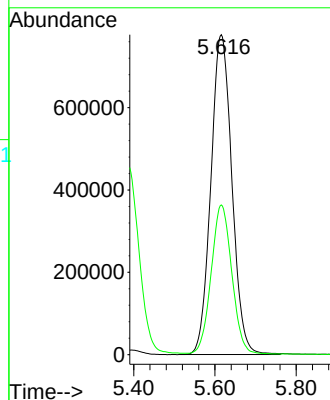
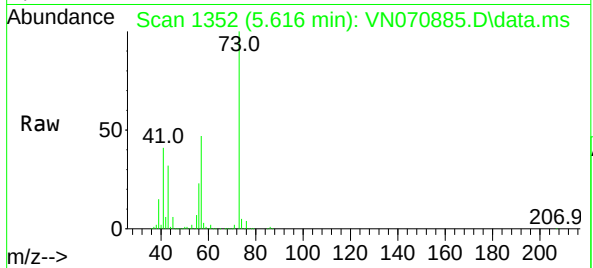




#19
Methyl tert-butyl Ether
Concen: 58.193 ug/l
RT: 5.616 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

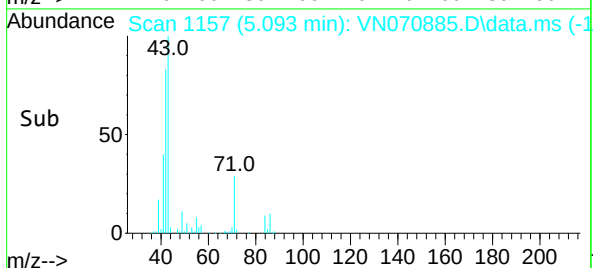
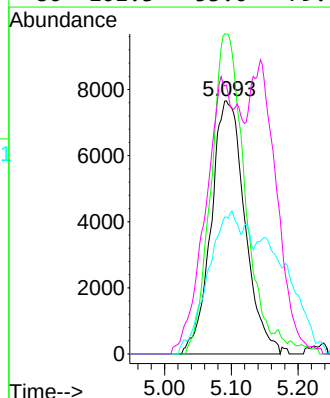
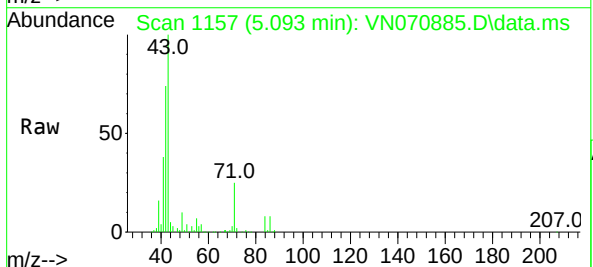
Instrument :
MSVOA_N
ClientSampleId :
31539

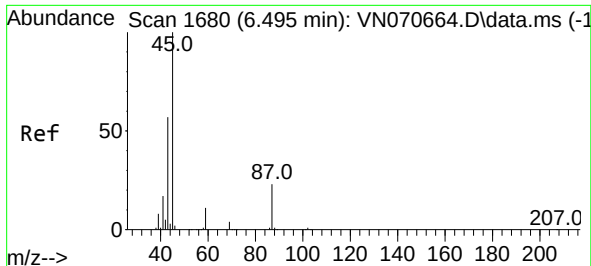
Tgt Ion: 73 Resp: 2799191
Ion Ratio Lower Upper
73 100
57 46.6 16.8 25.2#



#20
Methylene Chloride
Concen: 1.687 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

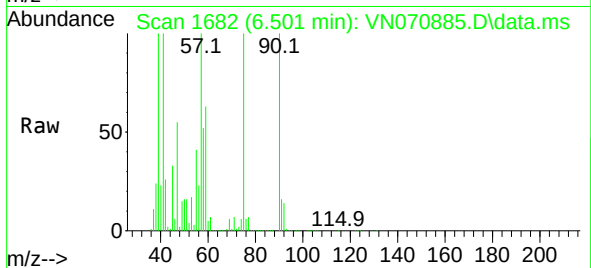
Tgt Ion: 84 Resp: 26899
Ion Ratio Lower Upper
84 100
49 126.4 93.5 140.3
51 51.7 29.4 44.2#
86 101.3 53.0 79.4#



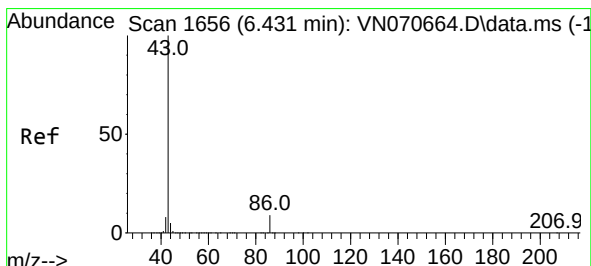
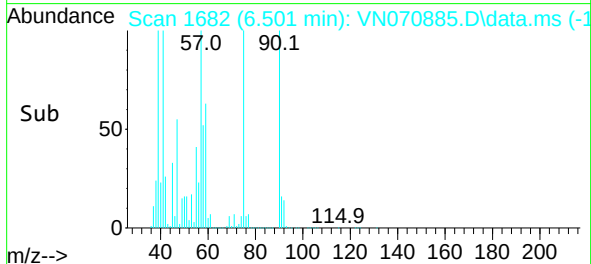
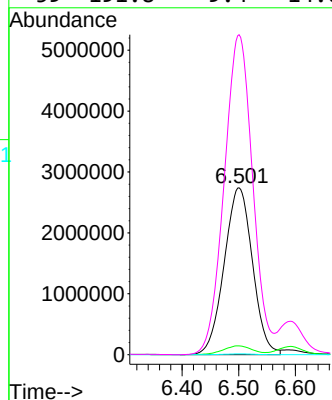


#22
Diisopropyl ether
Concen: 163.982 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
31539

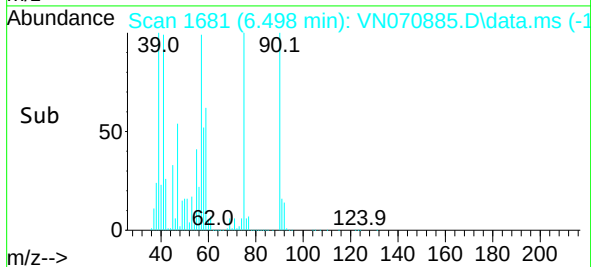
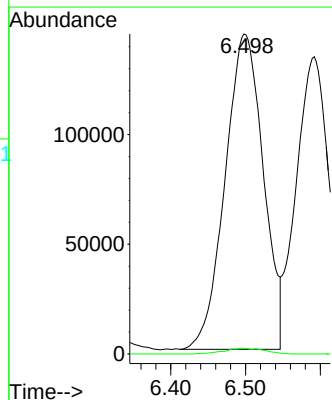
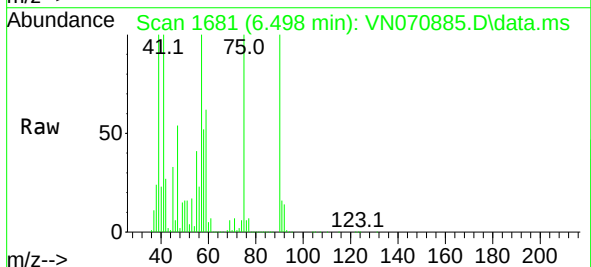


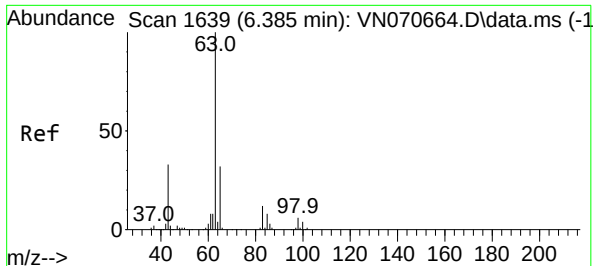
Tgt Ion: 45 Resp: 9535735
Ion Ratio Lower Upper
45 100
43 5.2 51.7 77.5#
87 0.5 23.2 34.8#
59 191.8 9.4 14.0#



#23
Vinyl Acetate
Concen: 10.355 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.067 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 43 Resp: 510416
Ion Ratio Lower Upper
43 100
86 1.8 8.5 12.7#

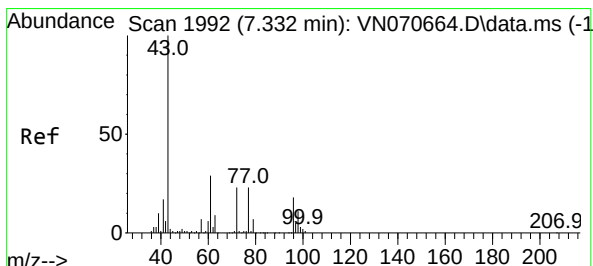
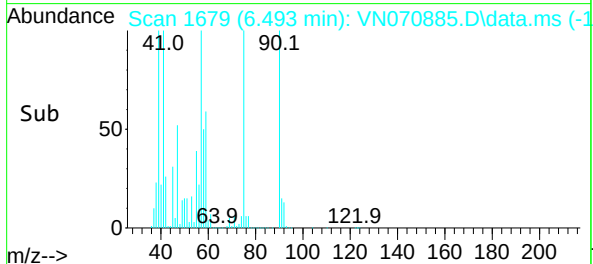
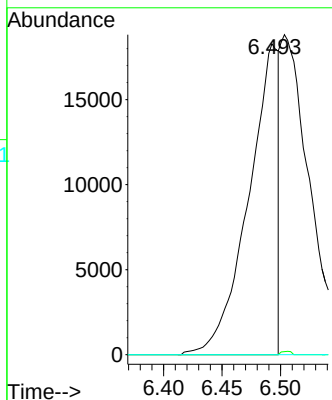
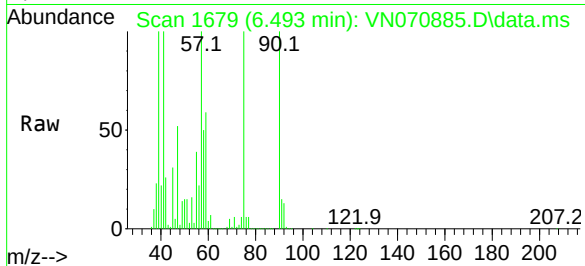




#24
1,1-Dichloroethane
Concen: 1.116 ug/l
RT: 6.493 min Scan# 1639
Delta R.T. 0.108 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

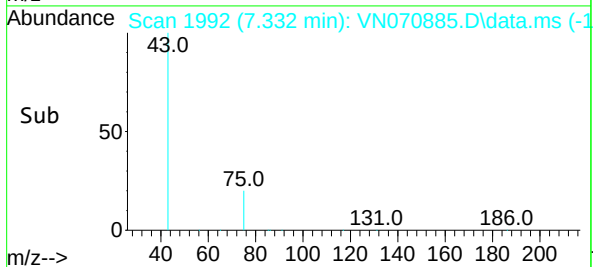
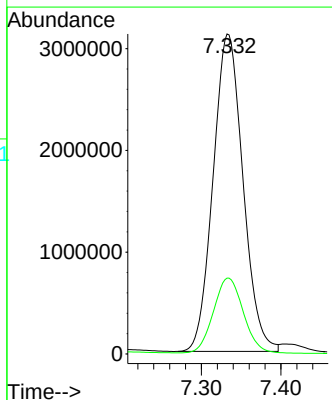
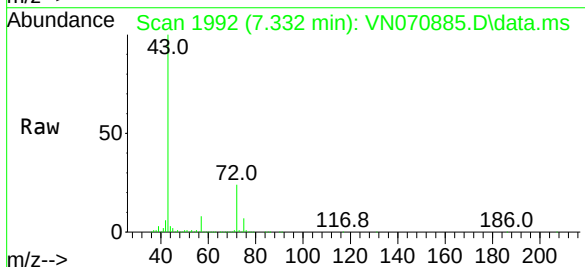
Instrument :
MSVOA_N
ClientSampleId :
31539

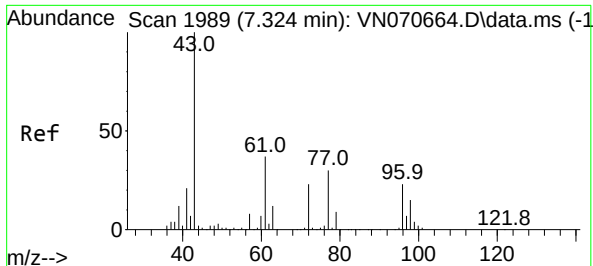
Tgt Ion: 63 Resp: 32459
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 534.695 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 43 Resp: 8146022
Ion Ratio Lower Upper
43 100
72 23.6 21.7 32.5





#26

2,2-Dichloropropane

Concen: 1.185 ug/l

RT: 7.319 min Scan# 1989

Delta R.T. -0.005 min

Lab File: VN070885.D

Acq: 1 Feb 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

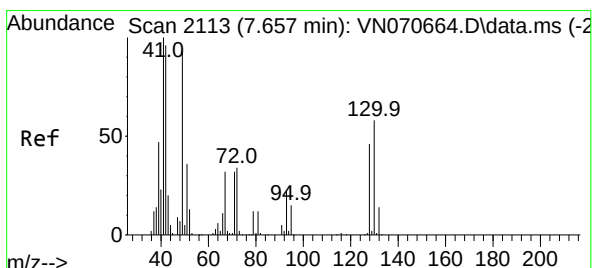
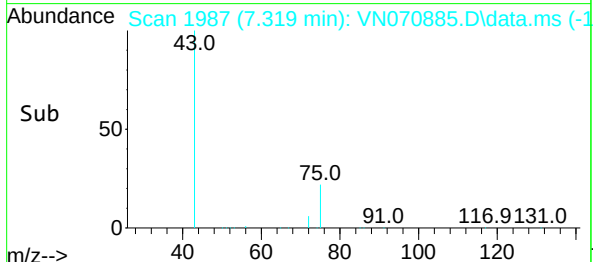
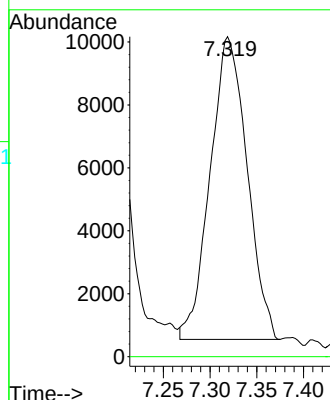
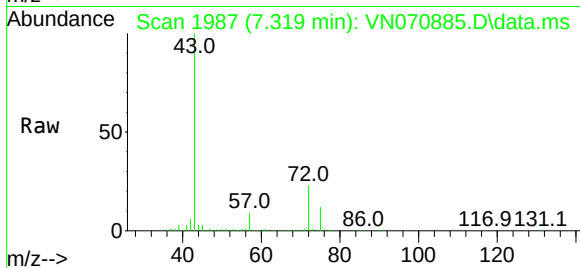
31539

Tgt Ion: 77 Resp: 26421

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#28

Bromochloromethane

Concen: 0.291 ug/l

RT: 7.654 min Scan# 2112

Delta R.T. -0.003 min

Lab File: VN070885.D

Acq: 1 Feb 2022 21:09

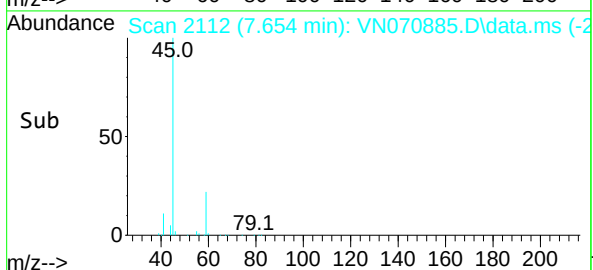
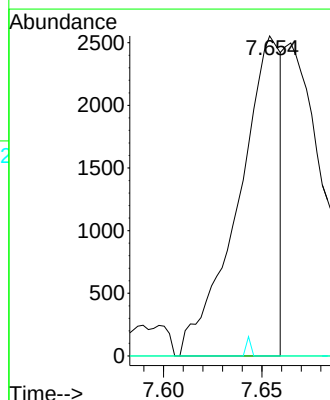
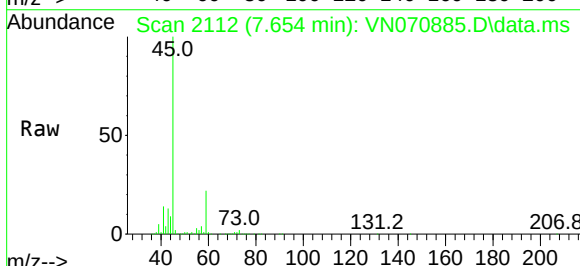
Tgt Ion: 49 Resp: 3799

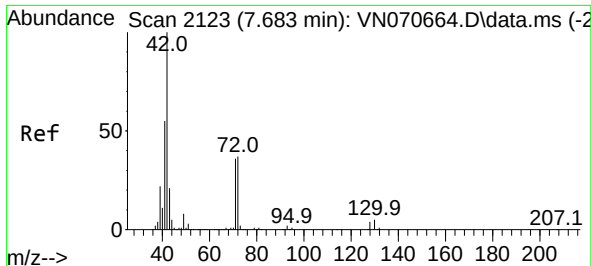
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 39.012 ug/l

RT: 7.683 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070885.D

Acq: 1 Feb 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

31539

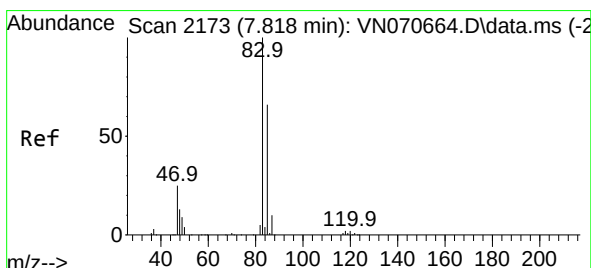
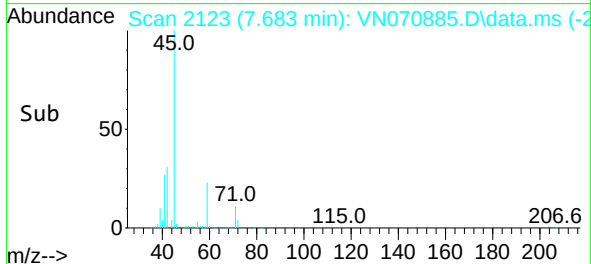
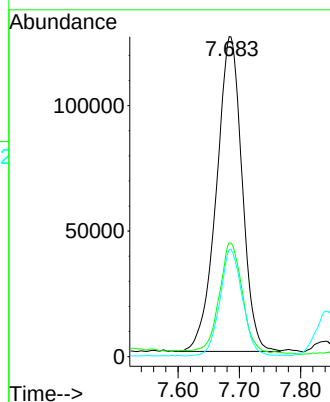
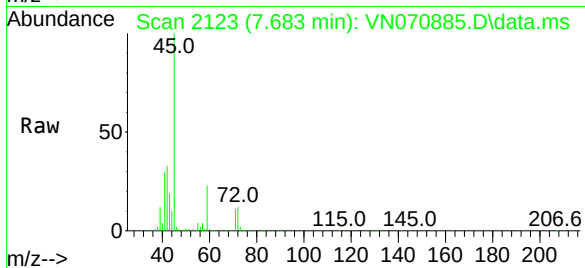
Tgt Ion: 42 Resp: 363922

Ion Ratio Lower Upper

42 100

72 30.8 36.3 54.5#

71 29.8 34.7 52.1#



#30

Chloroform

Concen: 1.229 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. 0.276 min

Lab File: VN070885.D

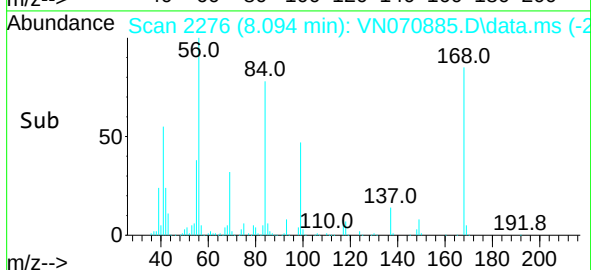
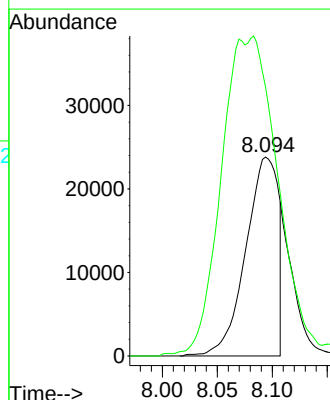
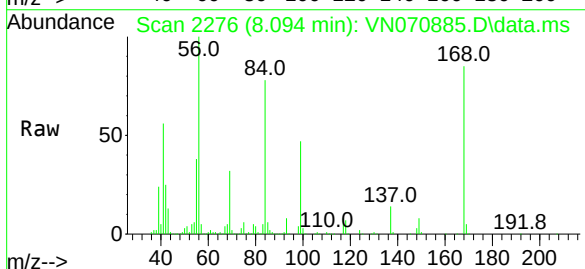
Acq: 1 Feb 2022 21:09

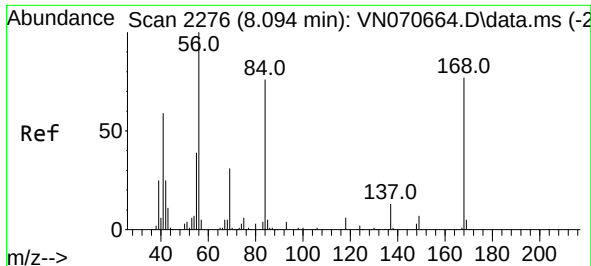
Tgt Ion: 83 Resp: 48920

Ion Ratio Lower Upper

83 100

85 133.3 51.9 77.9#

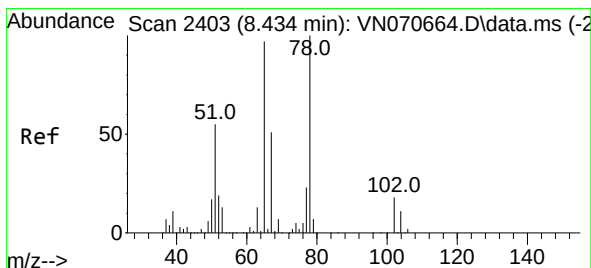
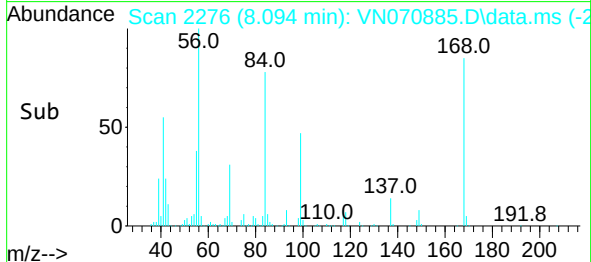
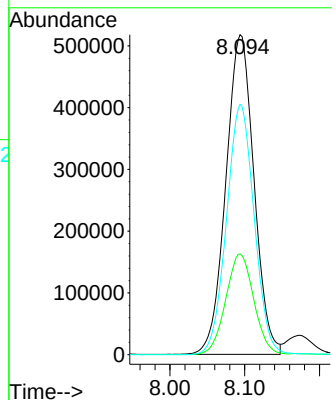
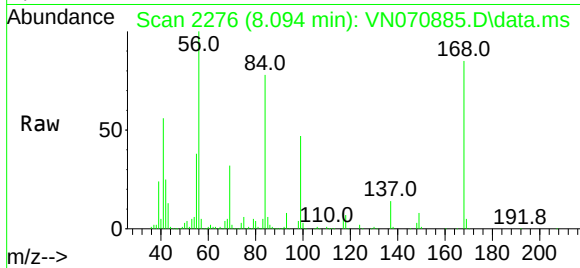




#31
Cyclohexane
Concen: 44.028 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

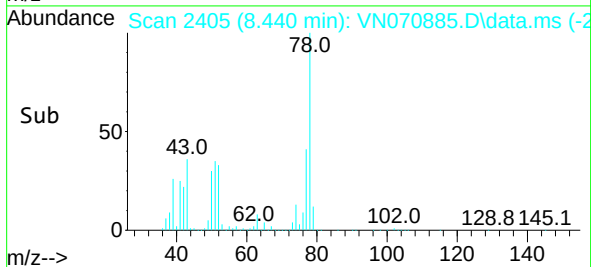
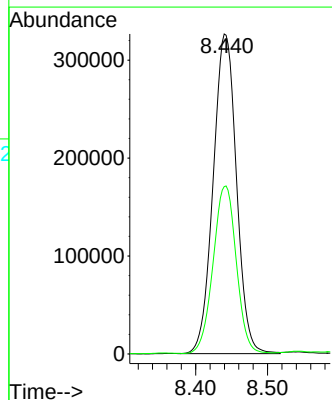
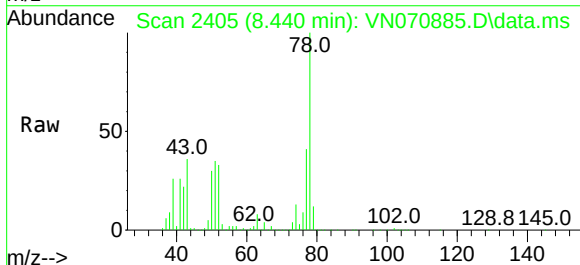
Instrument :
MSVOA_N
ClientSampleId :
31539

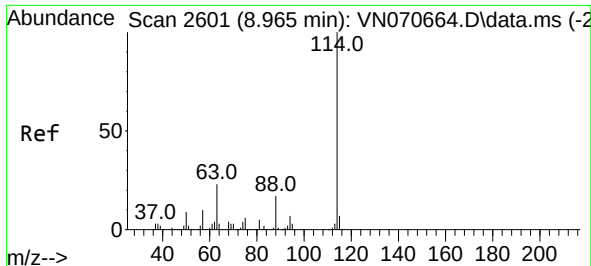
Tgt Ion: 56 Resp: 1352389
Ion Ratio Lower Upper
56 100
69 31.5 27.1 40.7
84 78.3 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 42.057 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.006 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 65 Resp: 733633
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

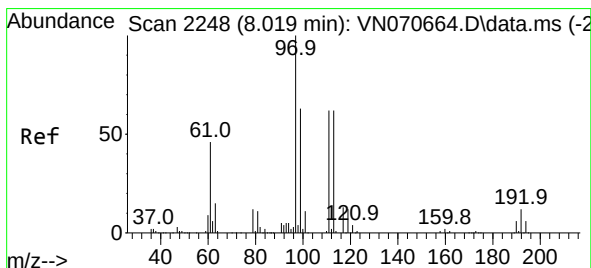
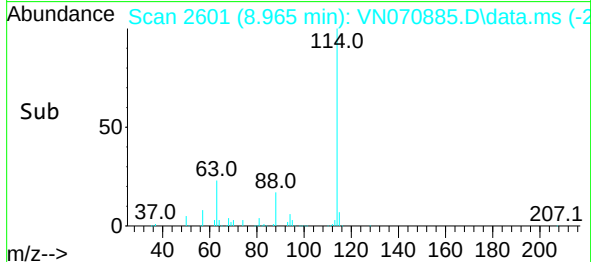
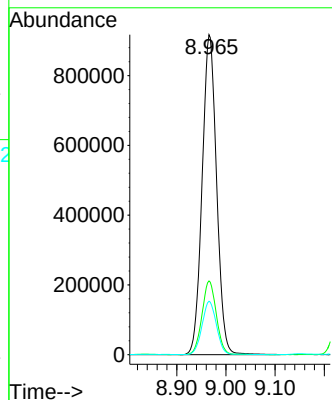
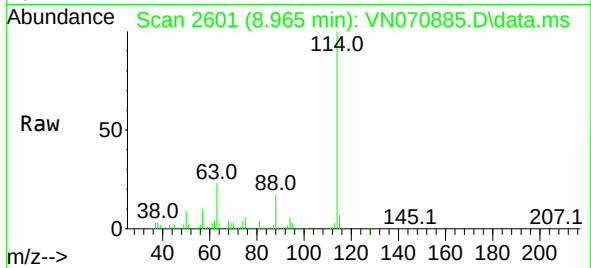




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

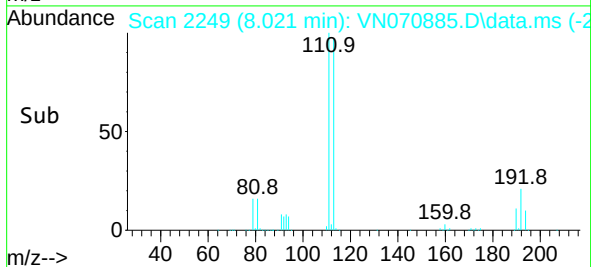
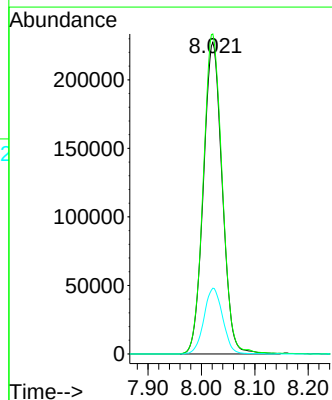
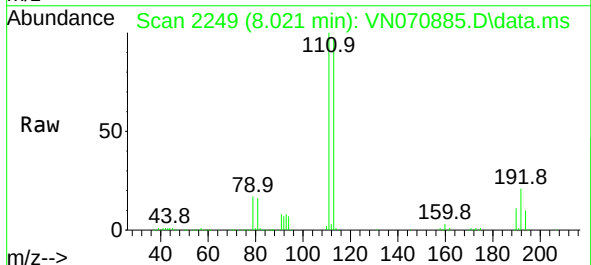
Instrument :
MSVOA_N
ClientSampleId :
31539

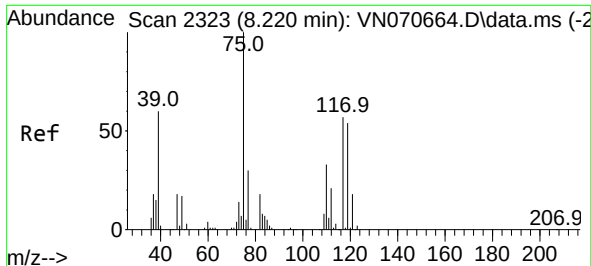
Tgt Ion:114 Resp: 1870930
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.814 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion:113 Resp: 554901
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 21.0 16.9 25.3

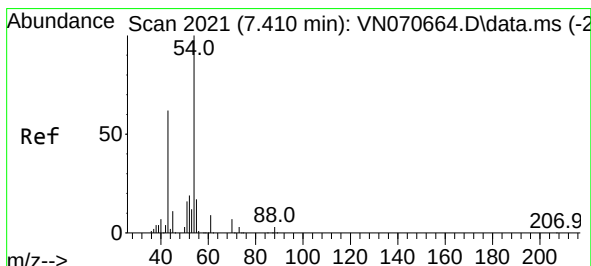
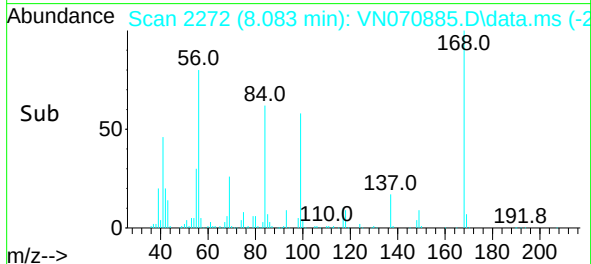
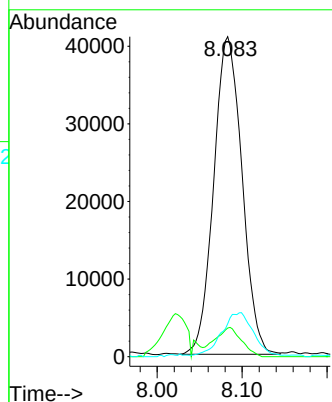
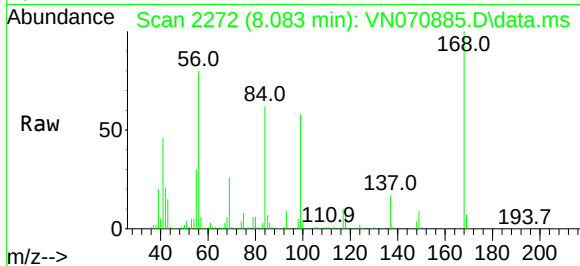




#36
 1,1-Dichloropropene
 Concen: 4.845 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070885.D
 Acq: 1 Feb 2022 21:09

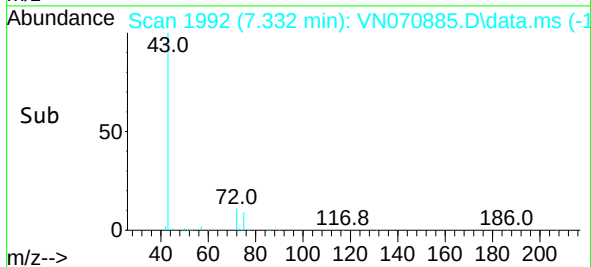
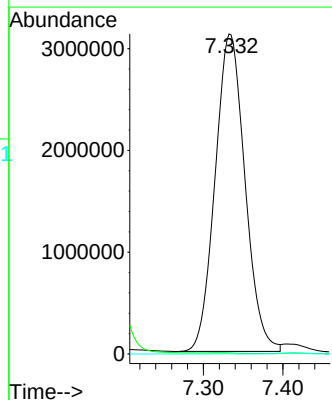
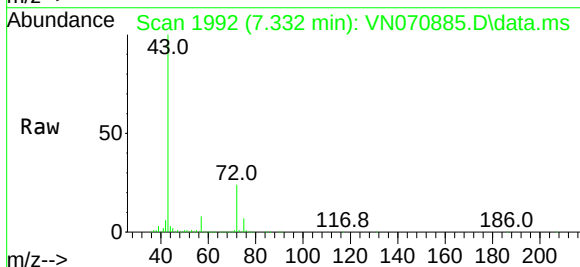
Instrument :
 MSVOA_N
 ClientSampleId :
 31539

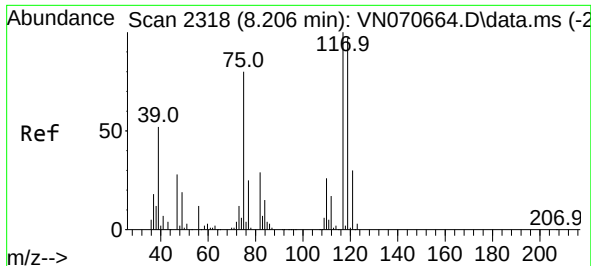
Tgt Ion: 75 Resp: 94668
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 314.055 ug/l
 RT: 7.332 min Scan# 1992
 Delta R.T. -0.078 min
 Lab File: VN070885.D
 Acq: 1 Feb 2022 21:09

Tgt Ion: 43 Resp: 8146022
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#

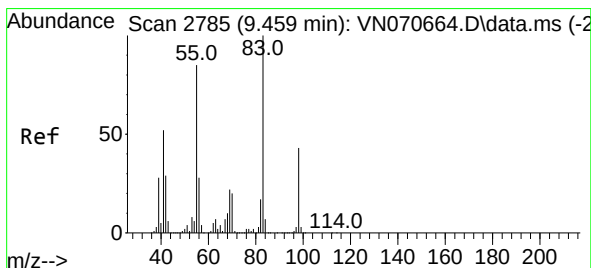
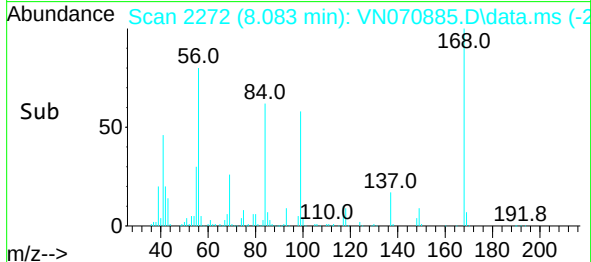
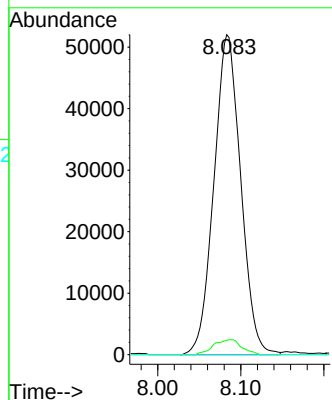
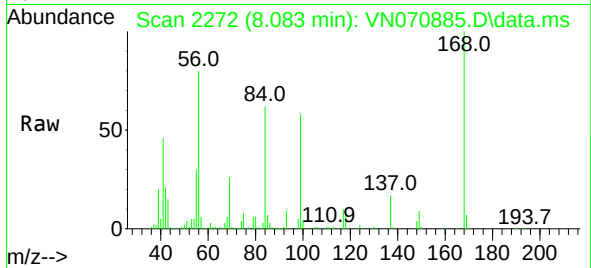




#38
Carbon Tetrachloride
Concen: 6.707 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

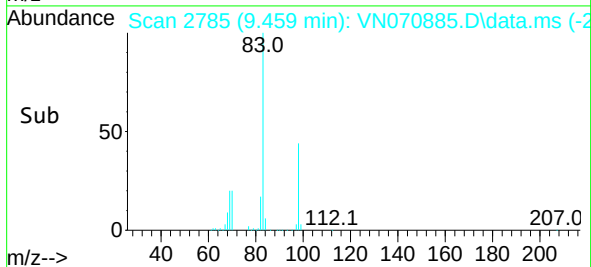
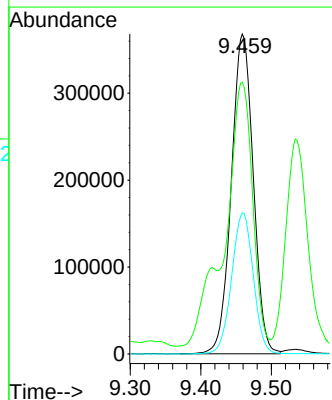
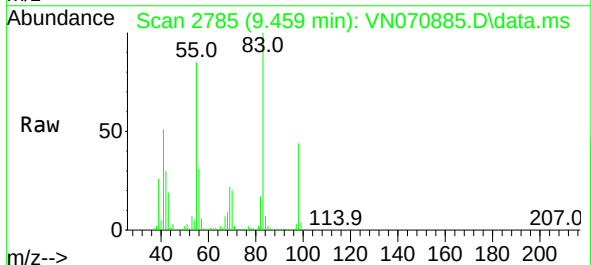
Instrument :
MSVOA_N
ClientSampleId :
31539

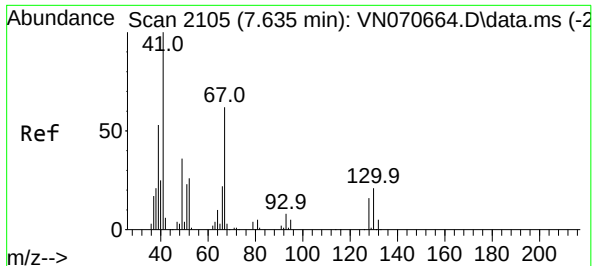
Tgt Ion:117 Resp: 116568
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 32.894 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

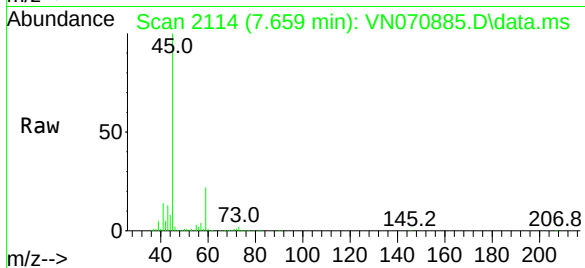
Tgt Ion: 83 Resp: 793382
Ion Ratio Lower Upper
83 100
55 82.5 58.1 87.1
98 44.1 38.4 57.6



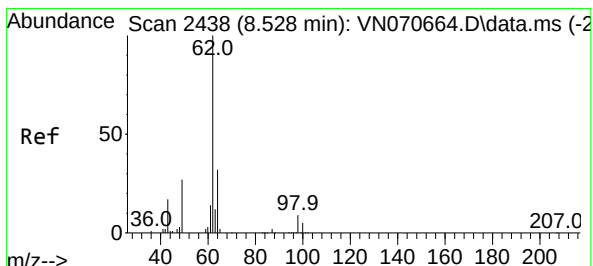
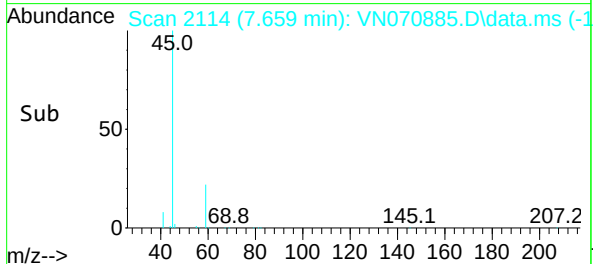
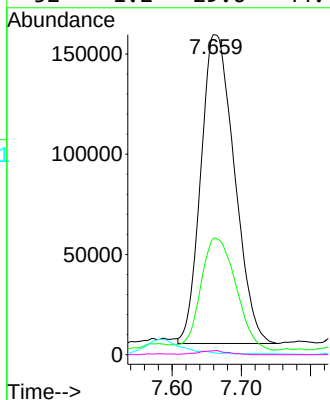


#41
Methacrylonitrile
Concen: 39.296 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.024 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
31539

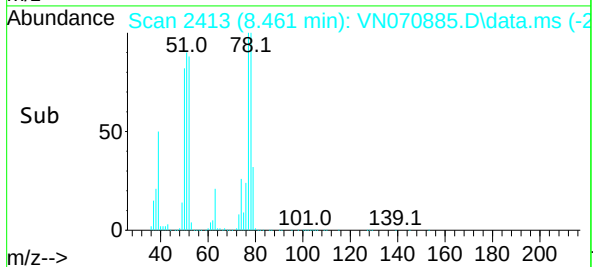
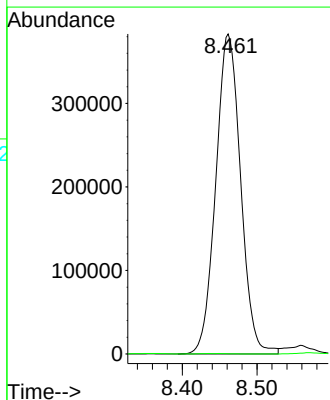
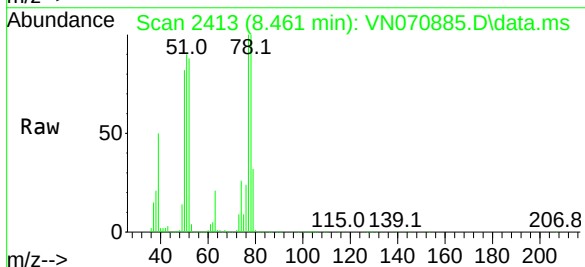


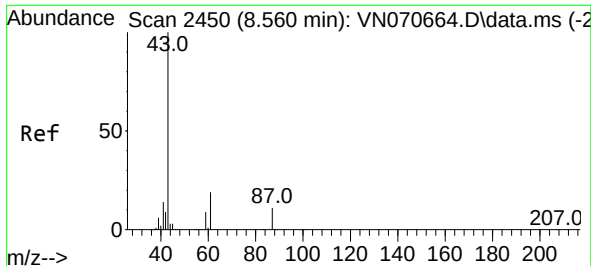
Tgt Ion: 41 Resp: 518556
Ion Ratio Lower Upper
41 100
39 38.1 48.1 72.1#
67 0.0 68.3 102.5#
52 1.2 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 42.123 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.067 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 62 Resp: 884199
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.6

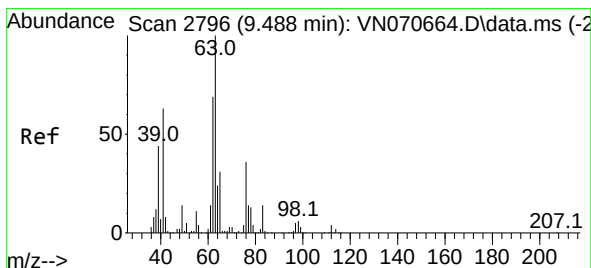
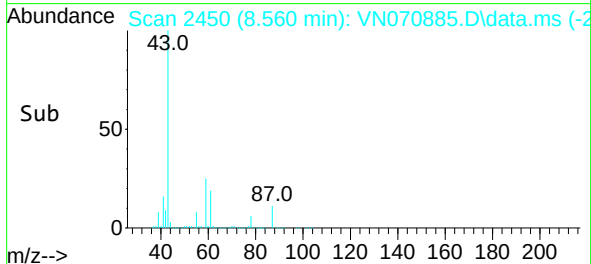
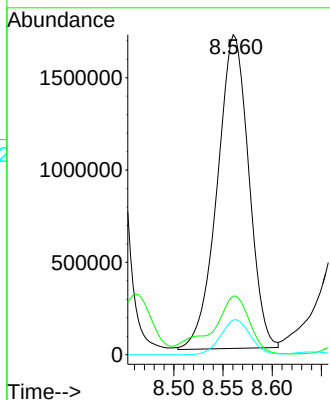
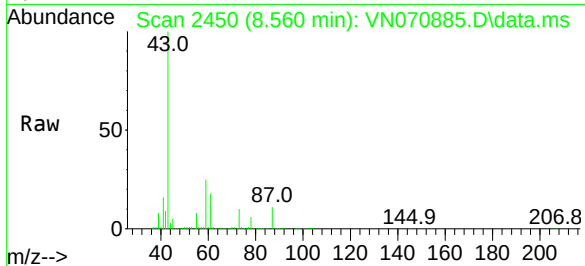




#43
Isopropyl Acetate
Concen: 95.633 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

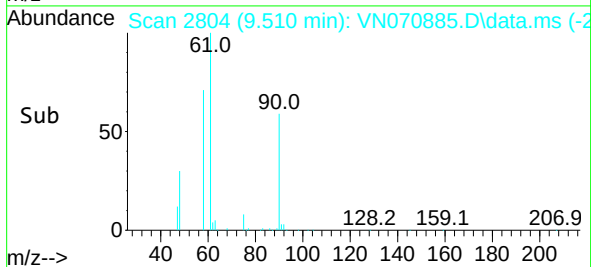
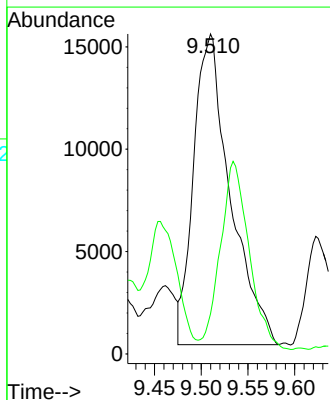
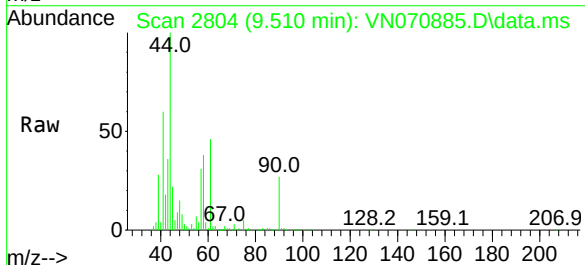
Instrument :
MSVOA_N
ClientSampleId :
31539

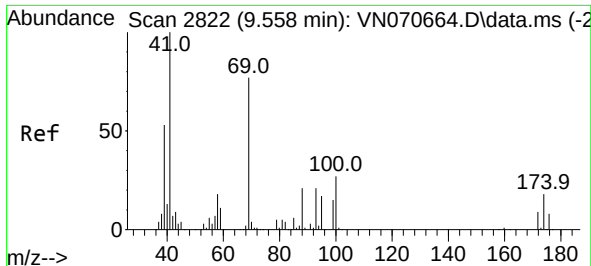
Tgt Ion: 43 Resp: 3788803
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 10.5 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 2.515 ug/l
RT: 9.510 min Scan# 2804
Delta R.T. 0.022 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 63 Resp: 41427
Ion Ratio Lower Upper
63 100
65 9.7 24.7 37.1#

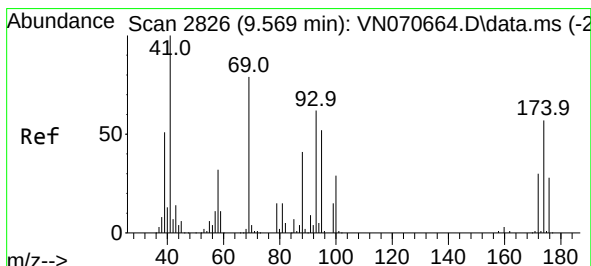
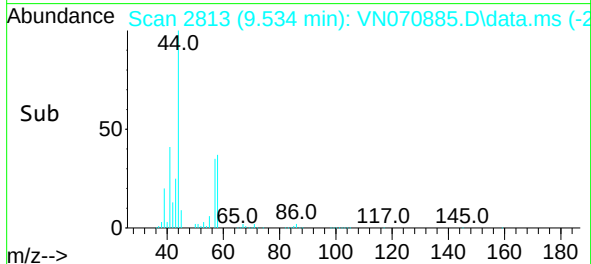
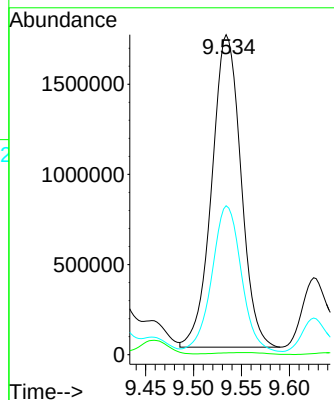
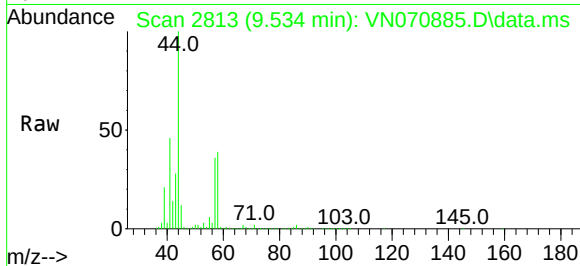




#48
Methyl methacrylate
Concen: 193.963 ug/l
RT: 9.534 min Scan# 21
Delta R.T. -0.024 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

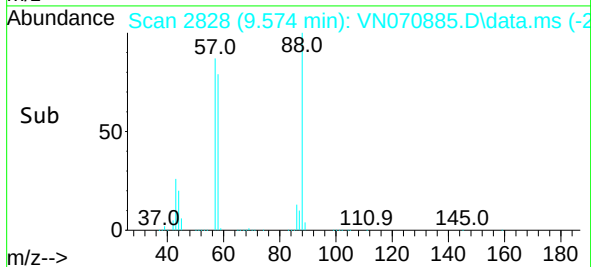
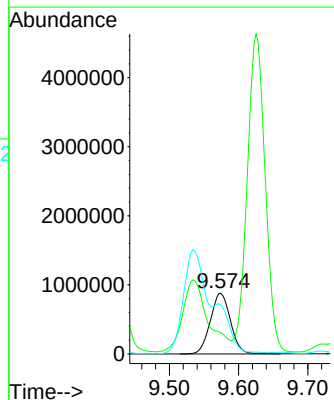
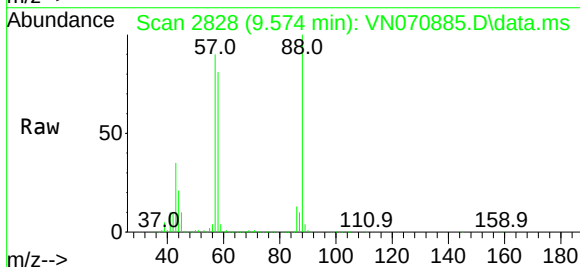
Instrument :
MSVOA_N
ClientSampleId :
31539

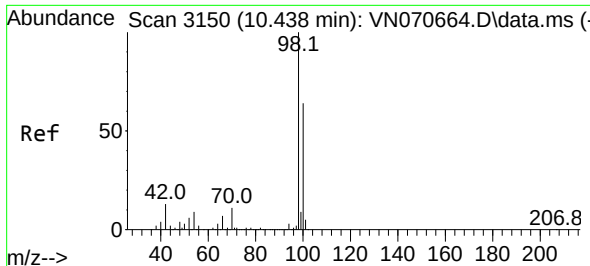
Tgt Ion: 41 Resp: 3660876
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 47.0 58.4 87.6#



#49
1,4-Dioxane
Concen: 6255.898 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.005 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 88 Resp: 1773589
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

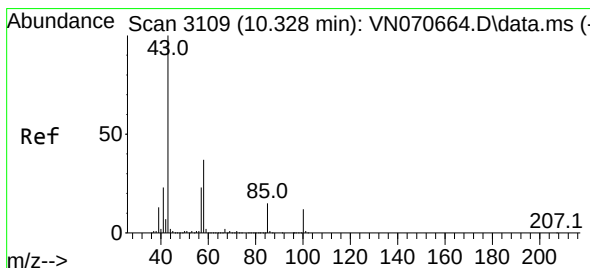
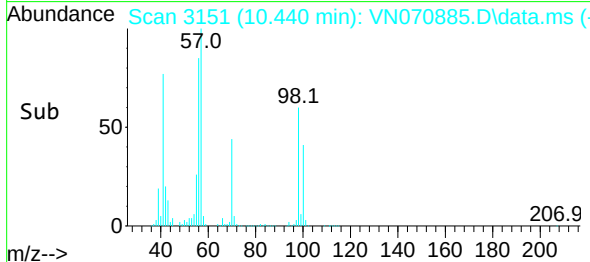
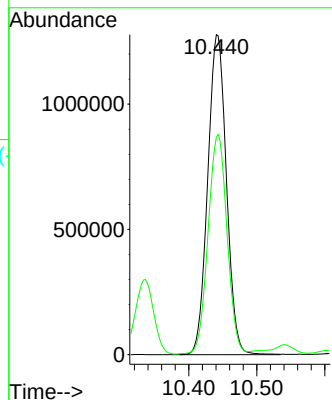
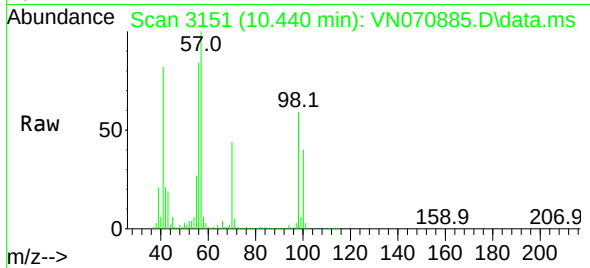




#50
Toluene-d8
Concen: 49.973 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

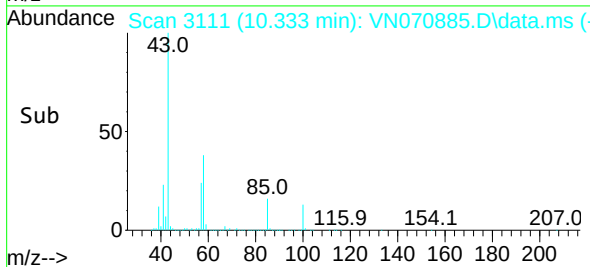
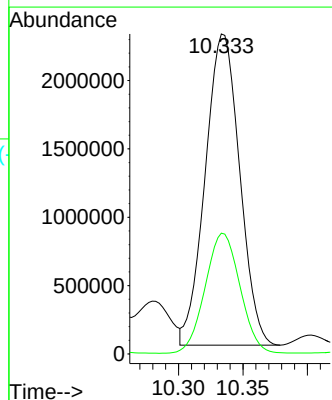
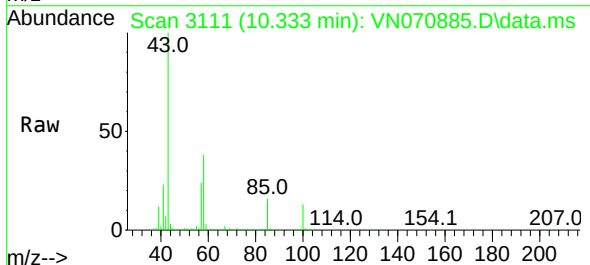
Instrument :
MSVOA_N
ClientSampleId :
31539

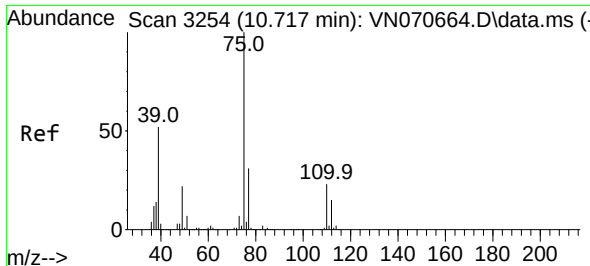
Tgt Ion: 98 Resp: 2443189
Ion Ratio Lower Upper
98 100
100 69.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 167.234 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.005 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 43 Resp: 4227692
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

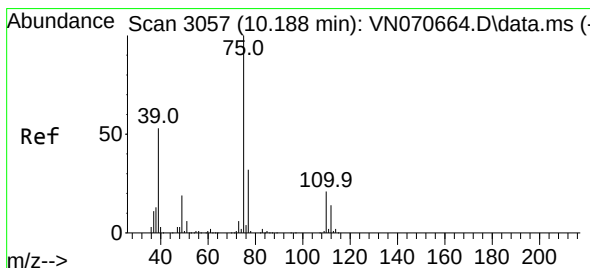
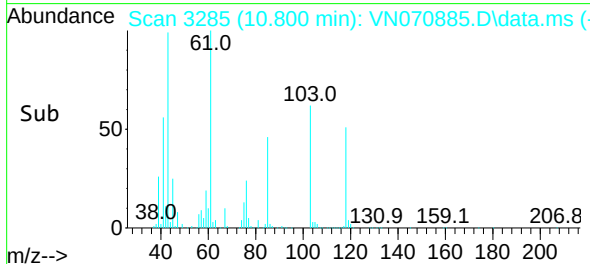
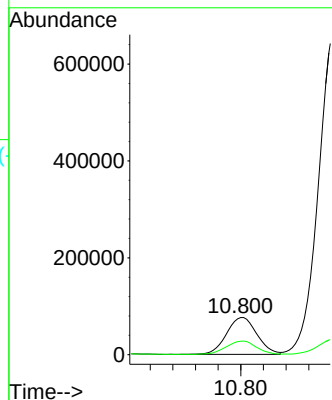
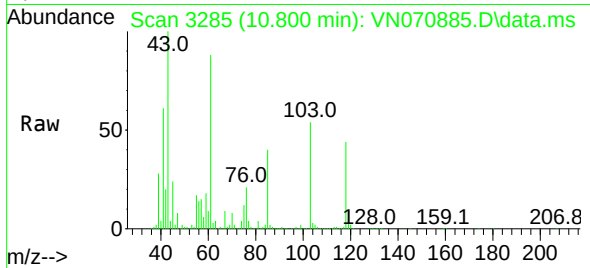




#53
t-1,3-Dichloropropene
Concen: 8.093 ug/l
RT: 10.800 min Scan# 31539
Delta R.T. 0.083 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

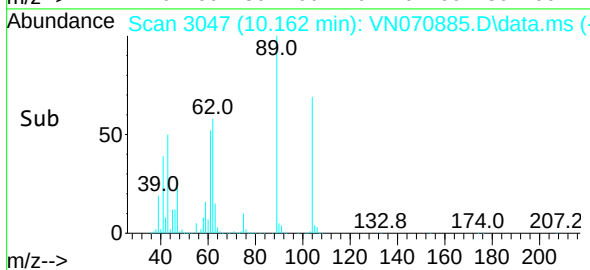
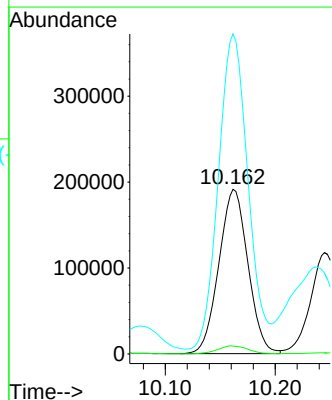
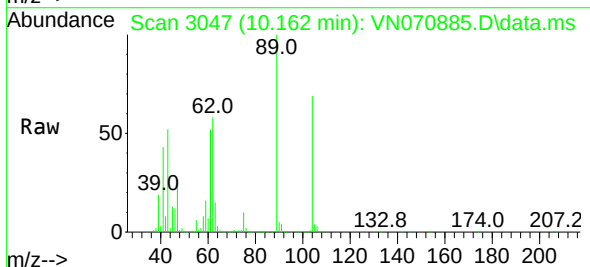
Instrument :
MSVOA_N
ClientSampleId :
31539

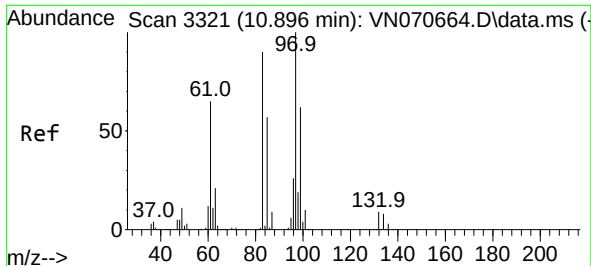
Tgt Ion: 75 Resp: 141877
Ion Ratio Lower Upper
75 100
77 35.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 14.968 ug/l
RT: 10.162 min Scan# 3047
Delta R.T. -0.026 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 75 Resp: 351432
Ion Ratio Lower Upper
75 100
77 4.7 26.4 39.6#
39 191.2 42.5 63.7#

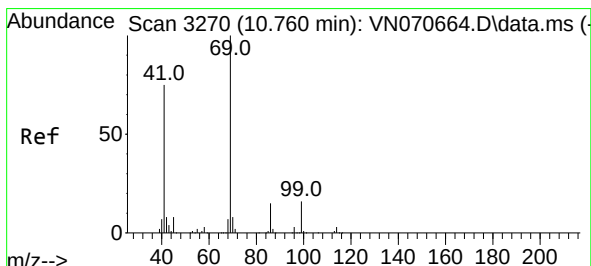
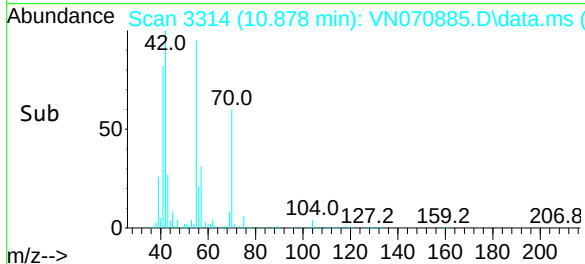
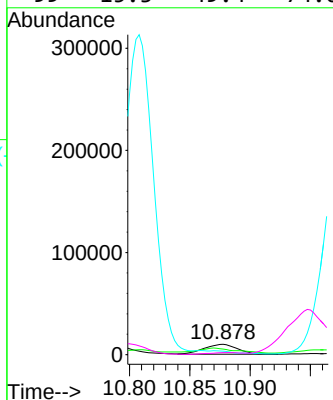
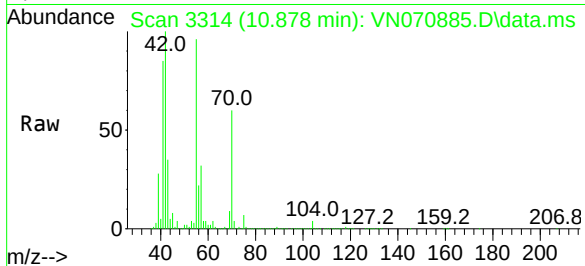




#55
1,1,2-Trichloroethane
Concen: 1.290 ug/l
RT: 10.878 min Scan# 31539
Delta R.T. -0.018 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

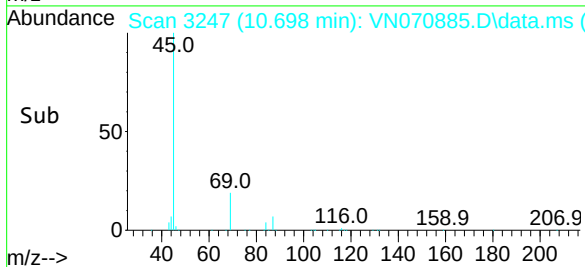
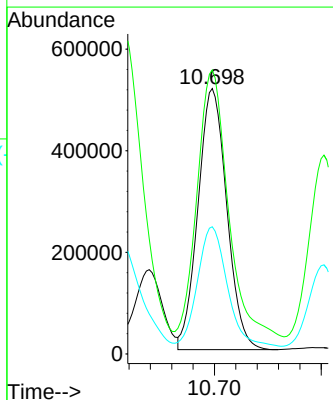
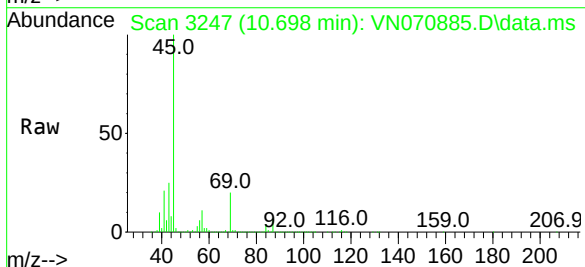
Instrument :
MSVOA_N
ClientSampleId :
31539

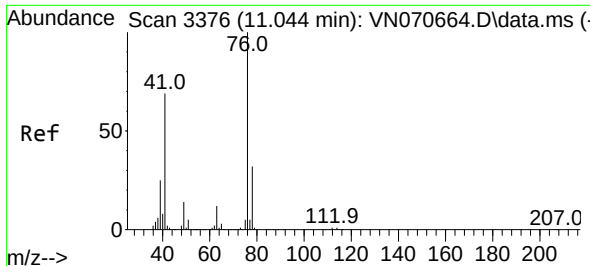
Tgt Ion: 97 Resp: 18353
Ion Ratio Lower Upper
97 100
83 38.9 67.8 101.6#
85 25.7 45.4 68.2#
99 15.3 49.4 74.0#



#56
Ethyl methacrylate
Concen: 36.218 ug/l
RT: 10.698 min Scan# 3247
Delta R.T. -0.062 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 69 Resp: 961911
Ion Ratio Lower Upper
69 100
41 108.2 51.4 77.0#
39 46.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 4.217 ug/l

RT: 11.092 min Scan# 31539

Delta R.T. 0.048 min

Lab File: VN070885.D

Acq: 1 Feb 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

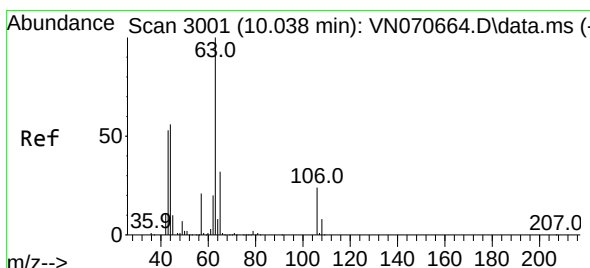
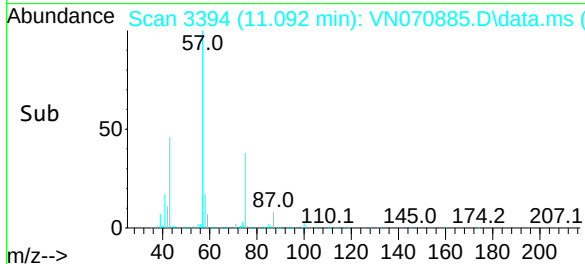
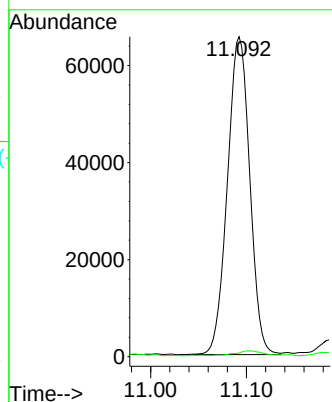
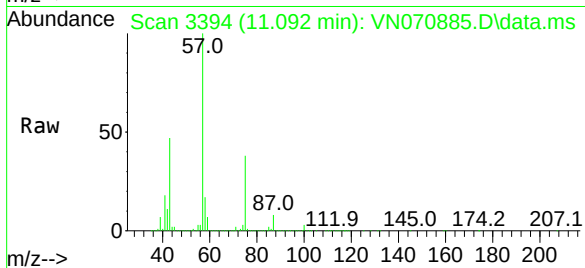
31539

Tgt Ion: 76 Resp: 106204

Ion Ratio Lower Upper

76 100

78 1.9 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 91.319 ug/l

RT: 10.162 min Scan# 3047

Delta R.T. 0.124 min

Lab File: VN070885.D

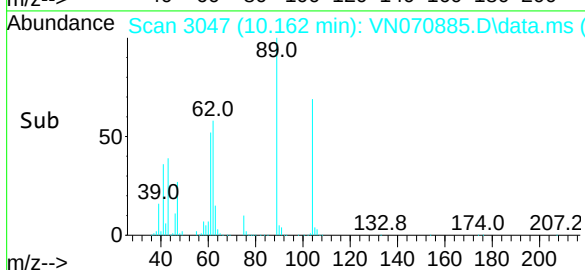
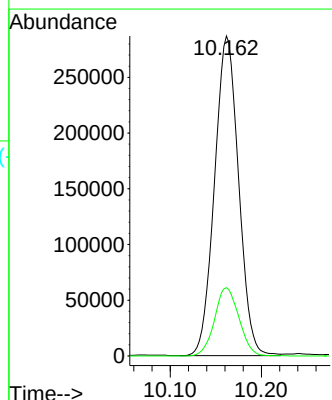
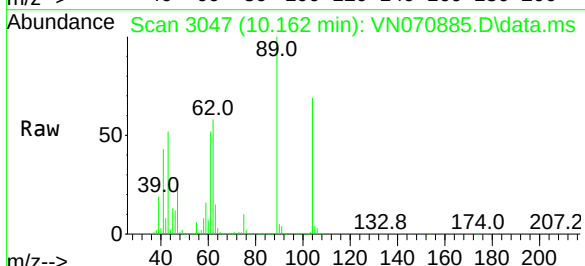
Acq: 1 Feb 2022 21:09

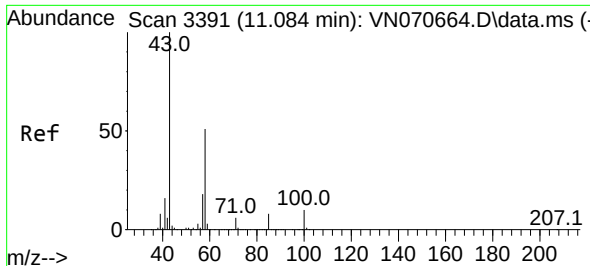
Tgt Ion: 63 Resp: 525662

Ion Ratio Lower Upper

63 100

106 21.7 23.9 35.9#

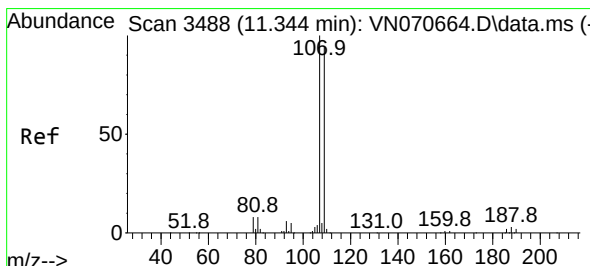
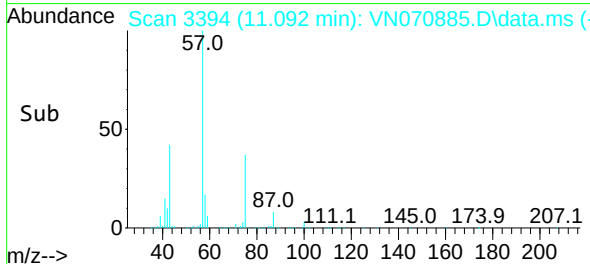
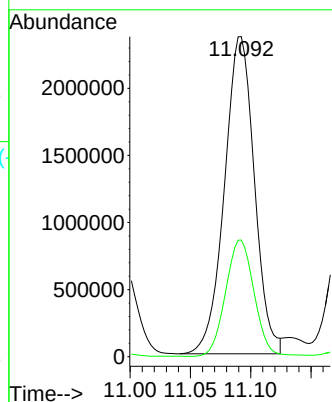
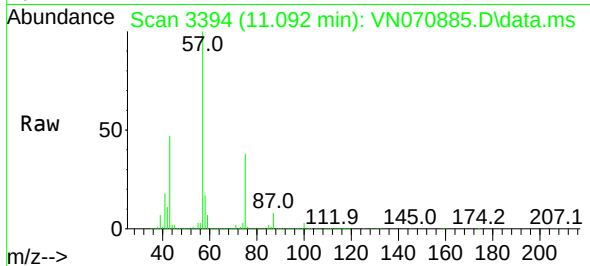




#59
2-Hexanone
Concen: 222.500 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

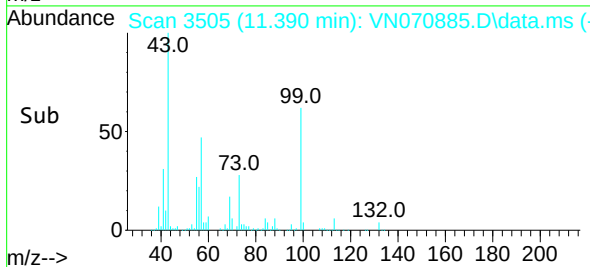
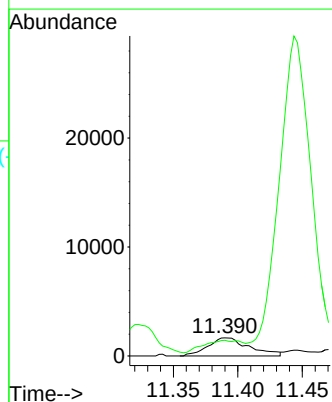
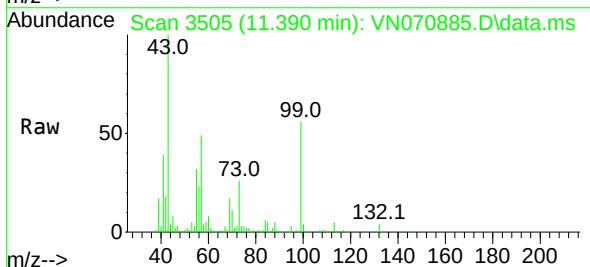
Instrument :
MSVOA_N
ClientSampleId :
31539

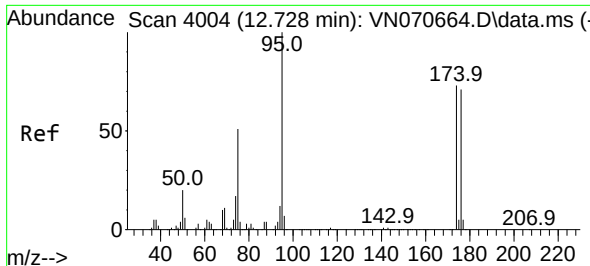
Tgt Ion: 43 Resp: 4086198
Ion Ratio Lower Upper
43 100
58 34.9 26.9 80.7



#61
1,2-Dibromoethane
Concen: 0.261 ug/l
RT: 11.390 min Scan# 3505
Delta R.T. 0.046 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 107 Resp: 3729
Ion Ratio Lower Upper
107 100
109 45.5 75.7 113.5#

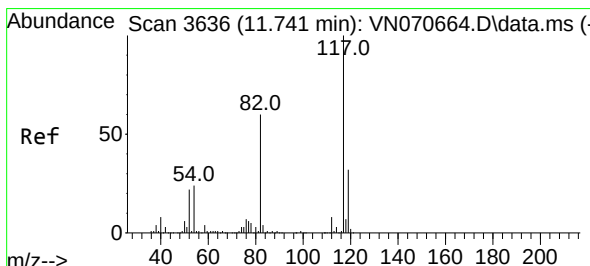
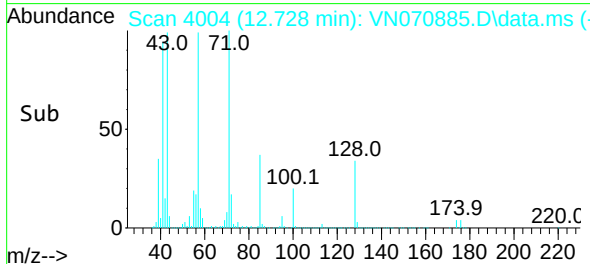
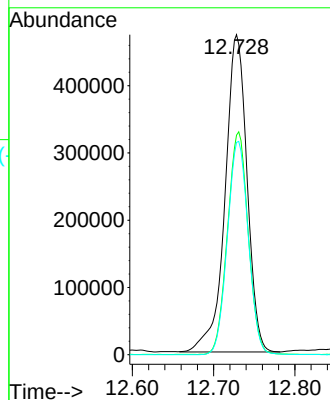
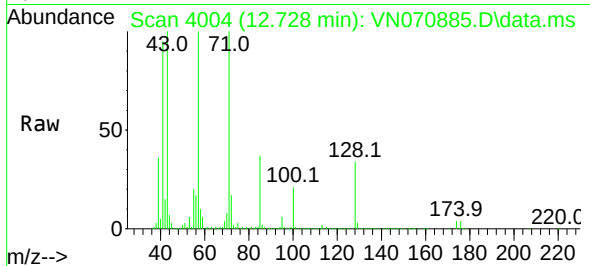




#62
4-Bromofluorobenzene
Concen: 50.889 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

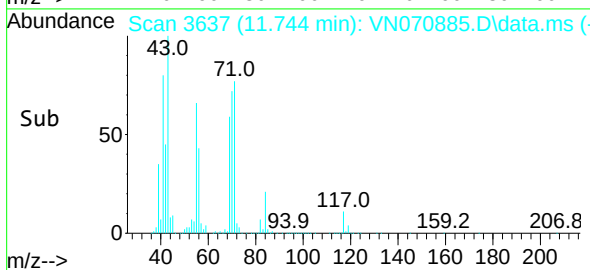
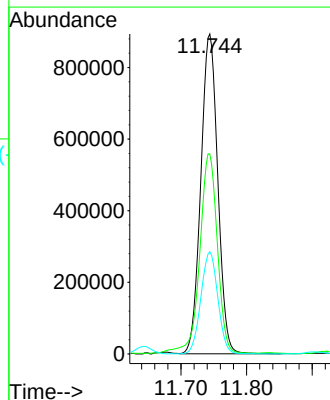
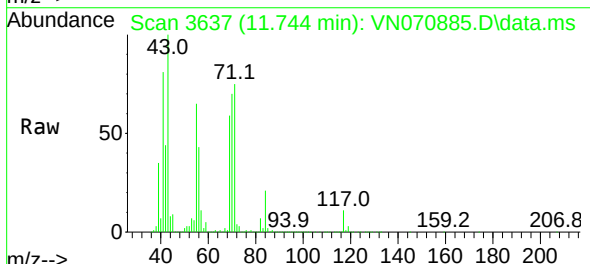
Instrument :
MSVOA_N
ClientSampleId :
31539

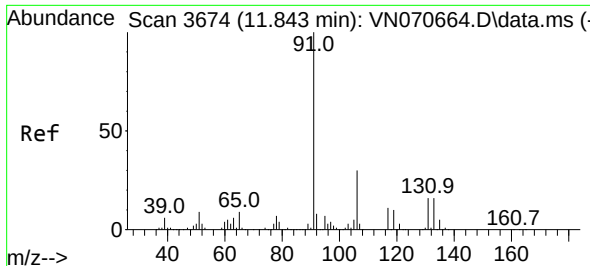
Tgt Ion: 95 Resp: 886589
Ion Ratio Lower Upper
95 100
174 66.1 0.0 187.2
176 64.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion:117 Resp: 1600359
Ion Ratio Lower Upper
117 100
82 62.3 42.4 63.6
119 31.9 25.4 38.2

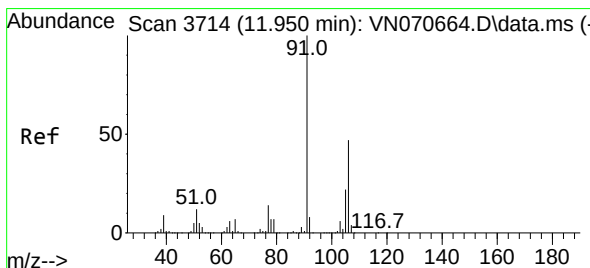
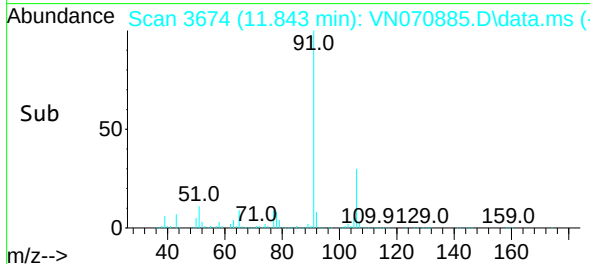
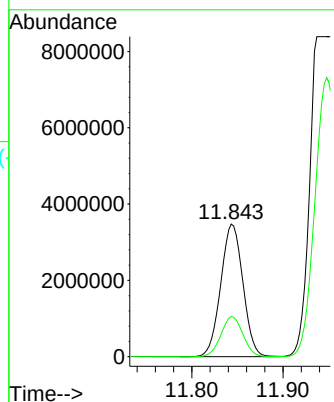
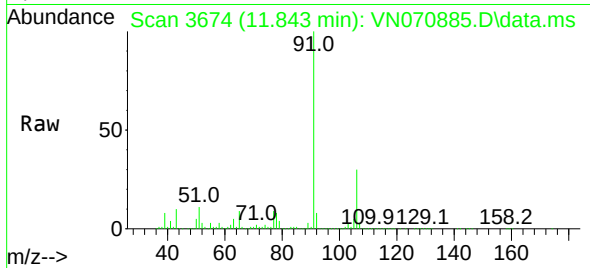




#67
Ethyl Benzene
Concen: 91.258 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

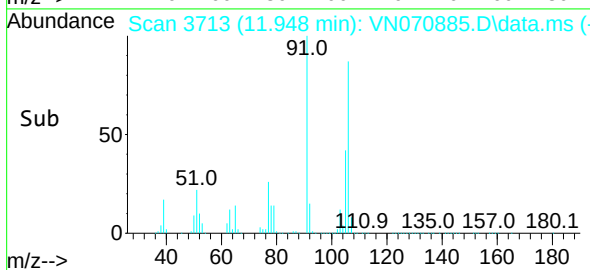
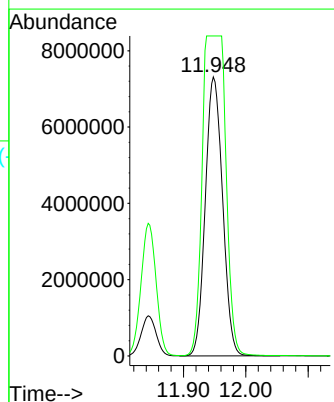
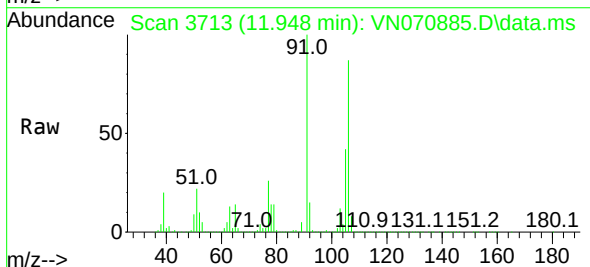
Instrument :
MSVOA_N
ClientSampleId :
31539

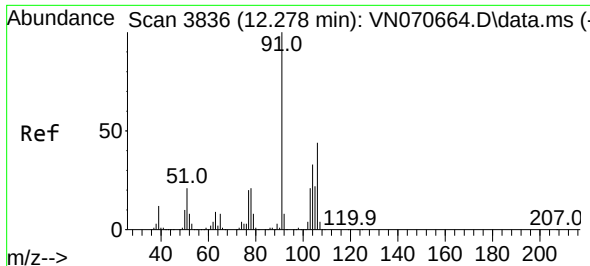
Tgt Ion: 91 Resp: 5866533
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5



#68
m/p-Xylenes
Concen: 602.296 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.002 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion:106 Resp:14085458
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#

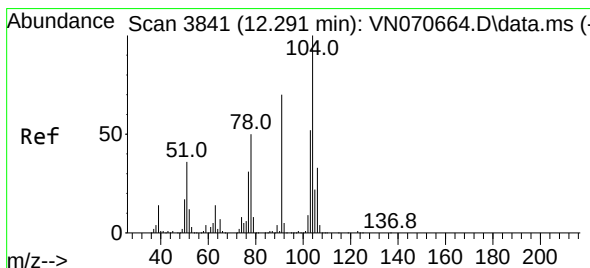
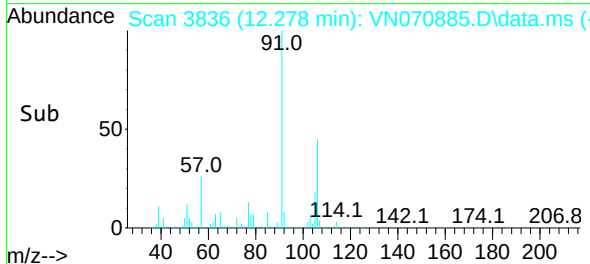
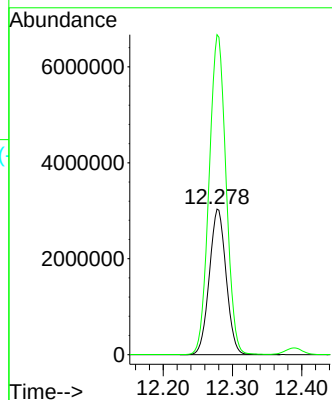
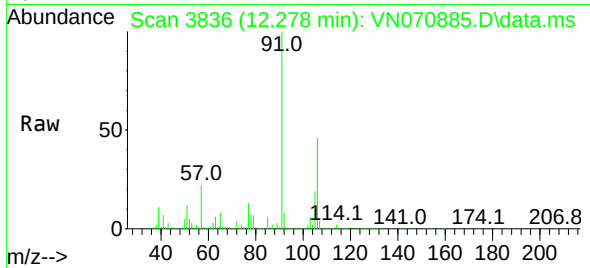




#69
o-Xylene
Concen: 219.647 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

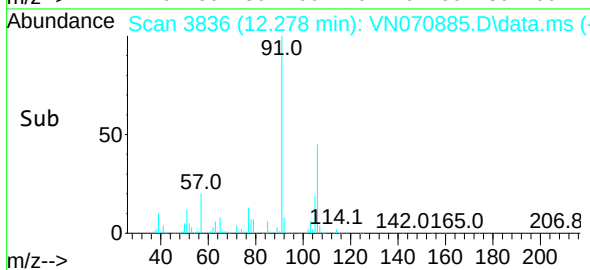
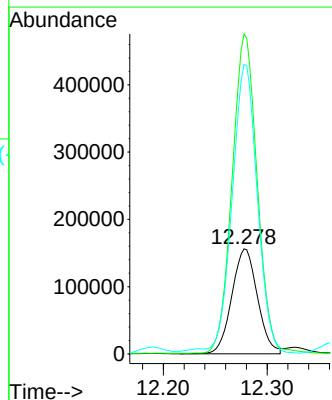
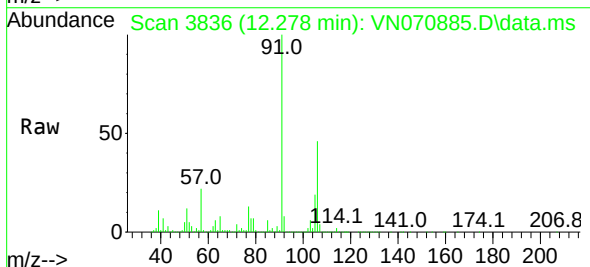
Instrument :
MSVOA_N
ClientSampleId :
31539

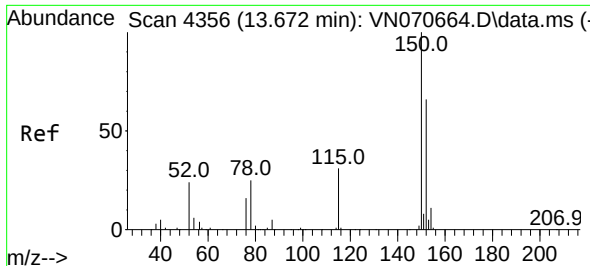
Tgt Ion:106 Resp: 5097620
Ion Ratio Lower Upper
106 100
91 222.4 105.8 317.3



#70
Styrene
Concen: 7.198 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.013 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion:104 Resp: 267253
Ion Ratio Lower Upper
104 100
78 298.3 38.7 58.1#
103 269.2 45.0 67.6#

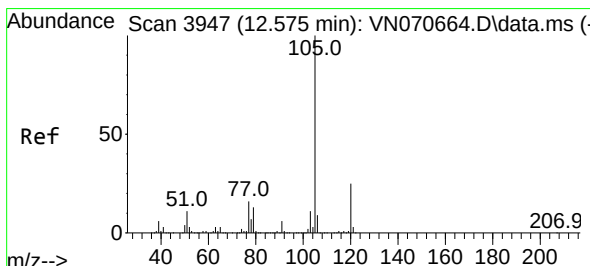
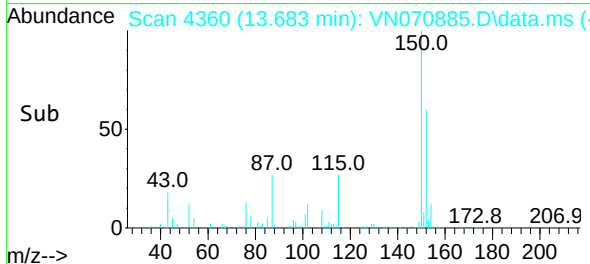
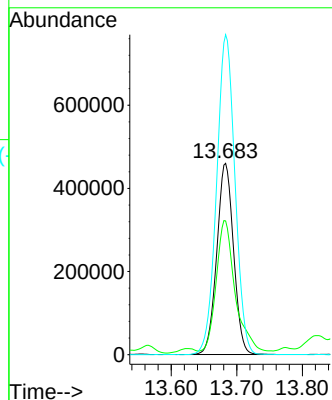
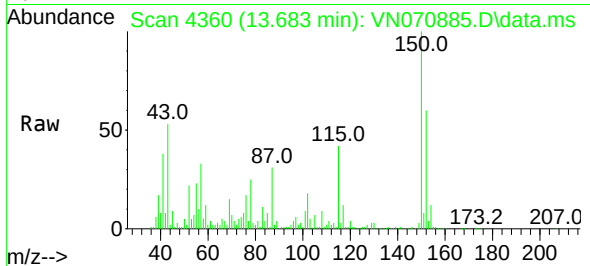




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.683 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

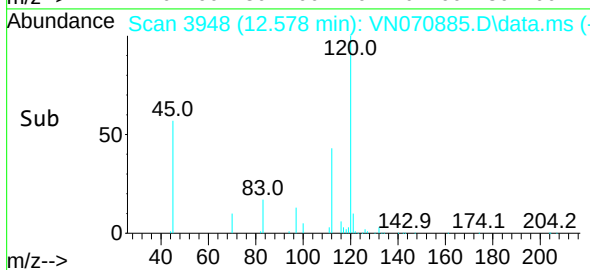
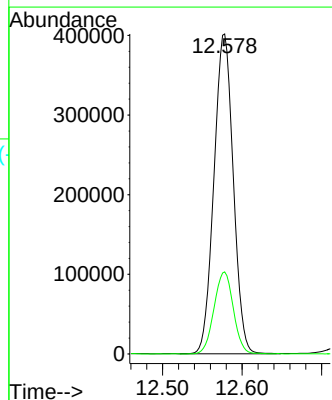
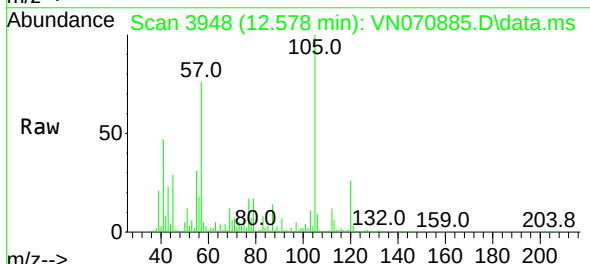
Instrument :
MSVOA_N
ClientSampleId :
31539

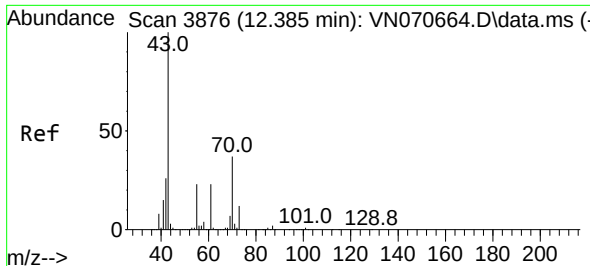
Tgt Ion:152 Resp: 817207
Ion Ratio Lower Upper
152 100
115 76.5 27.5 82.5
150 183.3 0.0 344.4



#73
Isopropylbenzene
Concen: 8.766 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

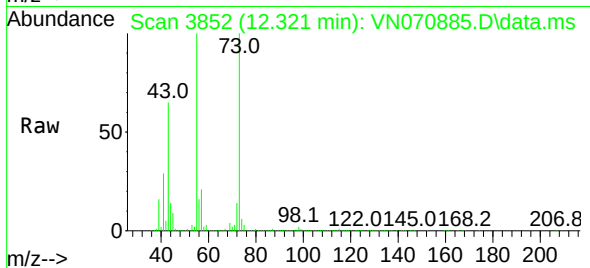
Tgt Ion:105 Resp: 677676
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1





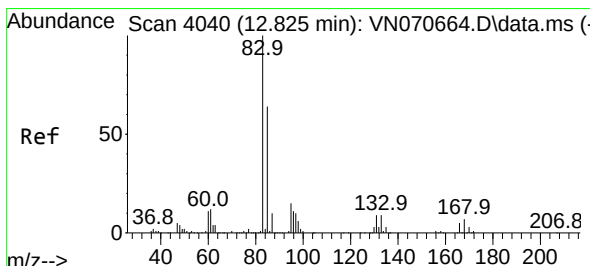
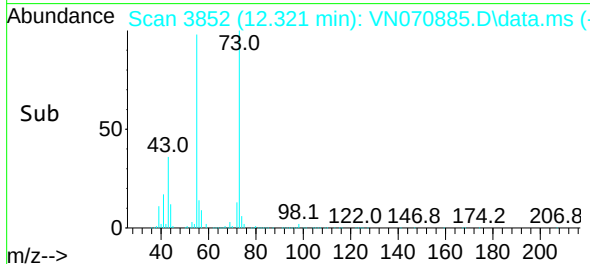
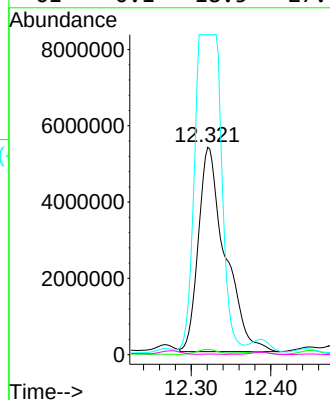
#74
N-amy1 acetate
Concen: 396.037 ug/l
RT: 12.321 min Scan# 31539
Delta R.T. -0.064 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
31539



Tgt Ion: 43 Resp:12518807

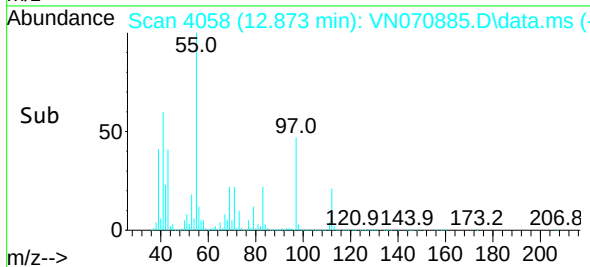
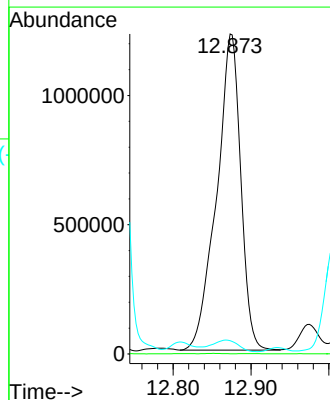
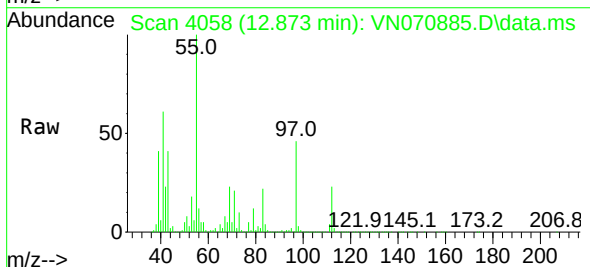
Ion	Ratio	Lower	Upper
43	100		
70	1.9	33.4	50.0#
55	0.0	19.3	28.9#
61	0.1	18.5	27.7#

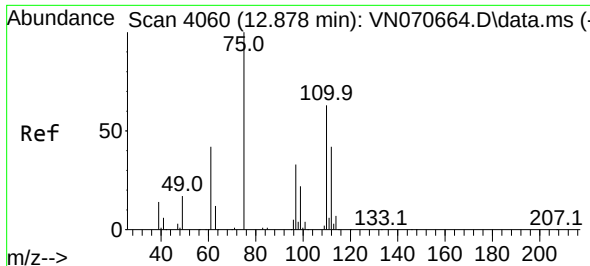


#75
1,1,2,2-Tetrachloroethane
Concen: 100.453 ug/l
RT: 12.873 min Scan# 4058
Delta R.T. 0.048 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 83 Resp: 2622806

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

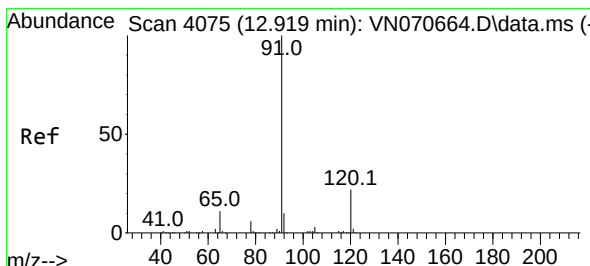
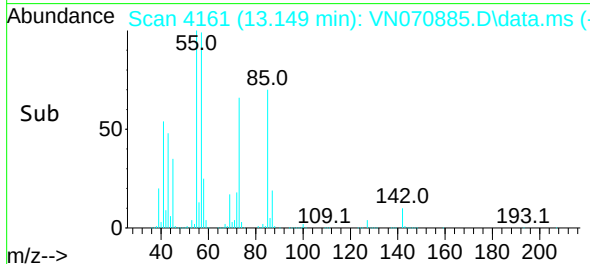
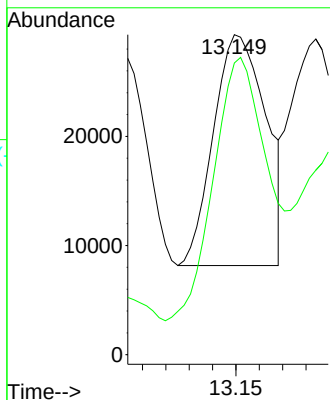
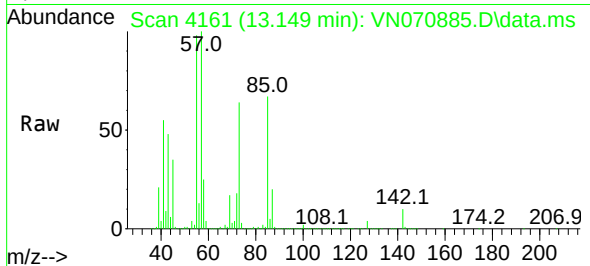




#76
1,2,3-Trichloropropane
Concen: 1.524 ug/l
RT: 13.149 min Scan# 4161
Delta R.T. 0.271 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

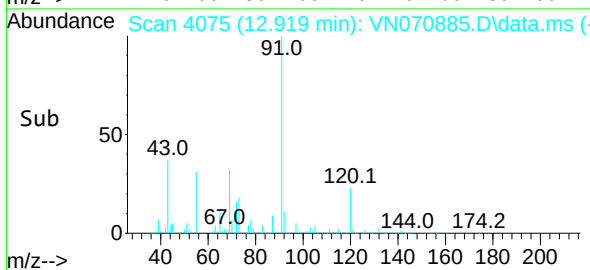
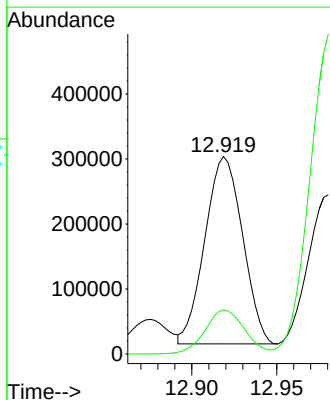
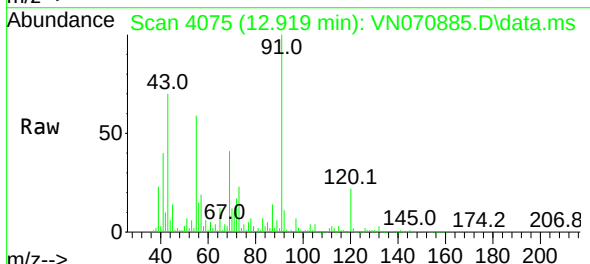
Instrument :
MSVOA_N
ClientSampleId :
31539

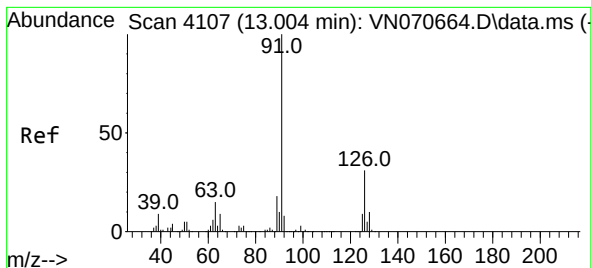
Tgt Ion: 75 Resp: 33040
Ion Ratio Lower Upper
75 100
77 111.4 82.6 247.8



#78
n-propylbenzene
Concen: 5.148 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 91 Resp: 445087
Ion Ratio Lower Upper
91 100
120 24.7 11.9 35.9





#79

2-Chlorotoluene

Concen: 7.028 ug/l

RT: 12.980 min Scan# 4098

Delta R.T. -0.024 min

Lab File: VN070885.D

Acq: 1 Feb 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

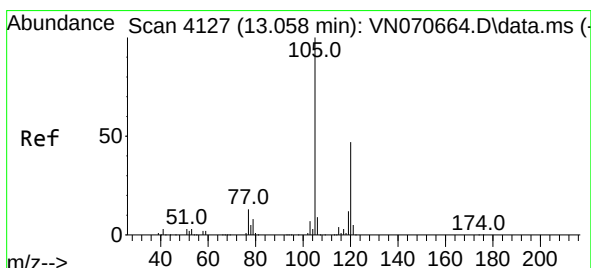
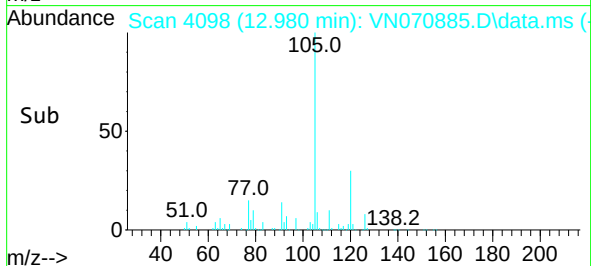
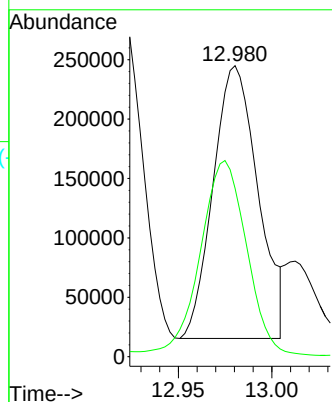
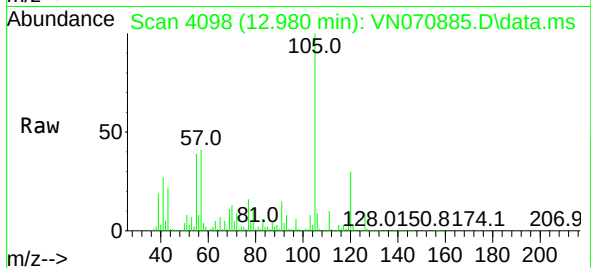
31539

Tgt Ion: 91 Resp: 384384

Ion Ratio Lower Upper

91 100

126 73.7 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 44.801 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. 0.000 min

Lab File: VN070885.D

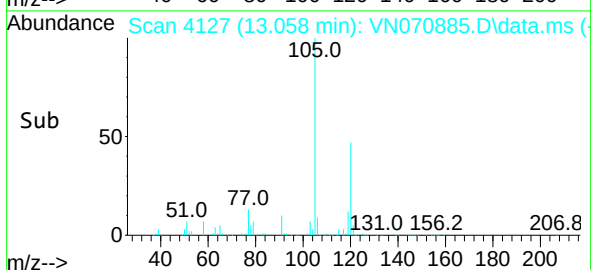
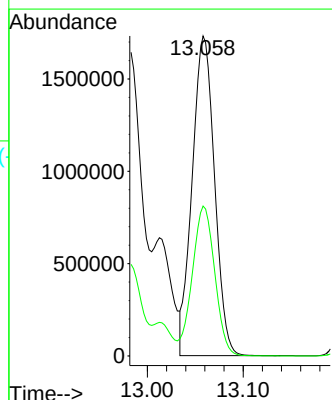
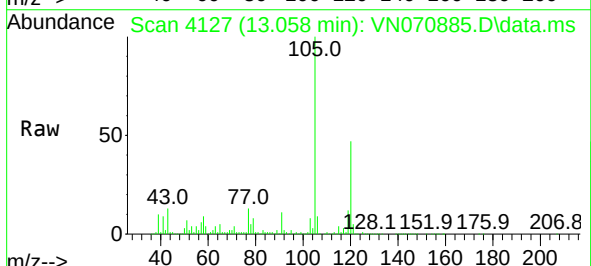
Acq: 1 Feb 2022 21:09

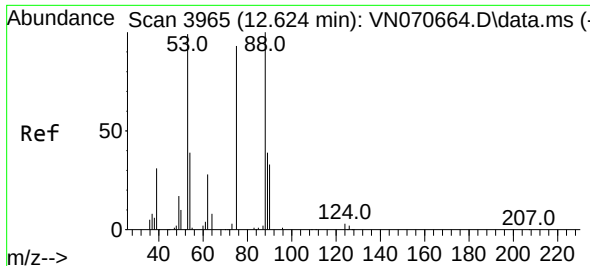
Tgt Ion:105 Resp: 2800972

Ion Ratio Lower Upper

105 100

120 47.2 24.6 73.6

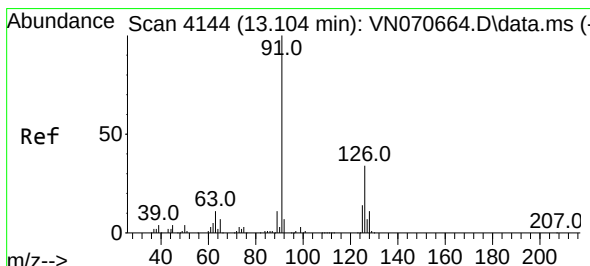
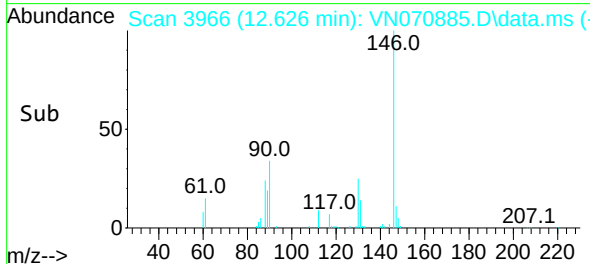
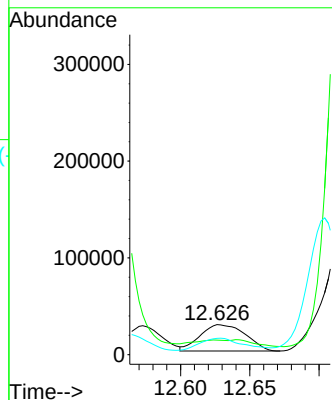
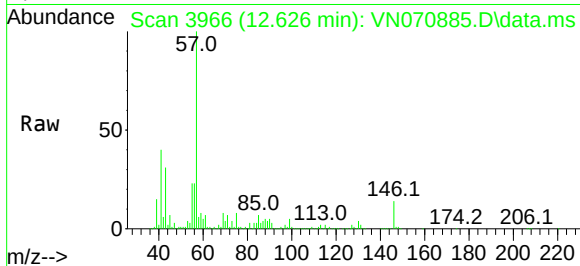




#81
trans-1,4-Dichloro-2-butene
Concen: 8.513 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

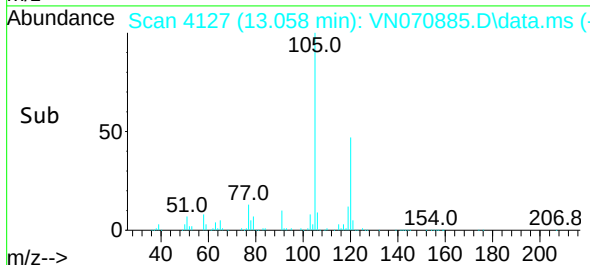
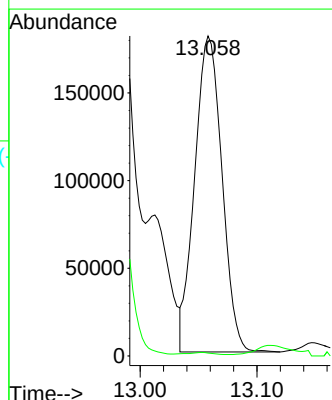
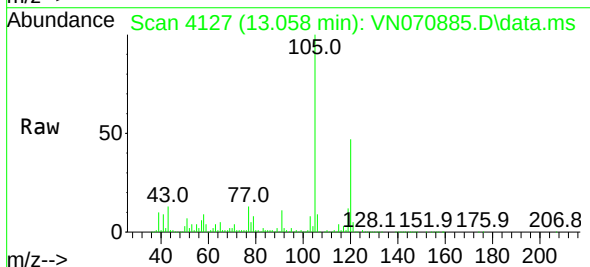
Instrument :
MSVOA_N
ClientSampleId :
31539

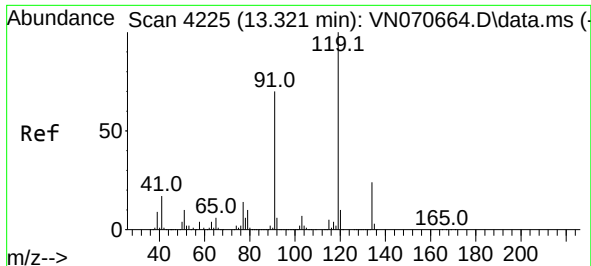
Tgt Ion: 75 Resp: 61935
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 5.714 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.046 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 91 Resp: 291976
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

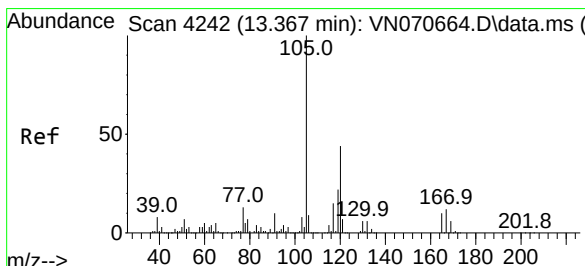
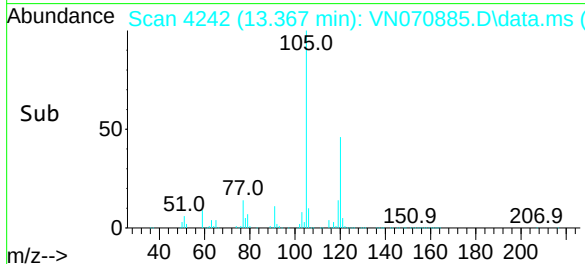
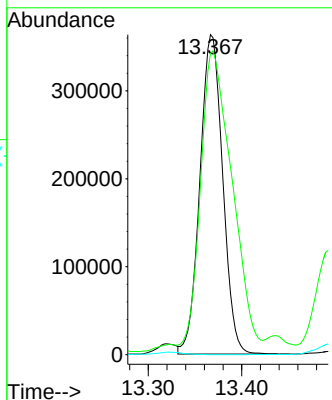
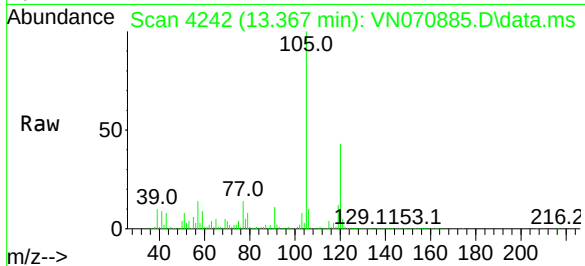




#83
tert-Butylbenzene
Concen: 11.309 ug/l
RT: 13.367 min Scan# 41
Delta R.T. 0.046 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

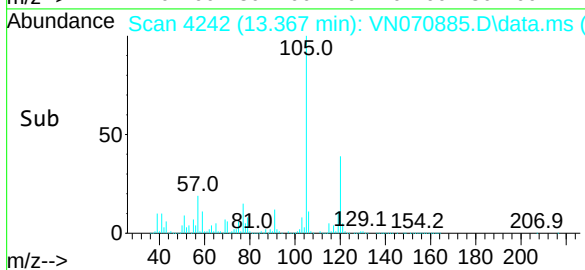
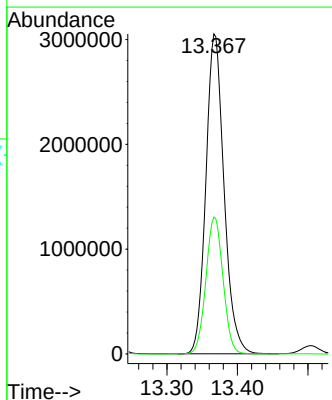
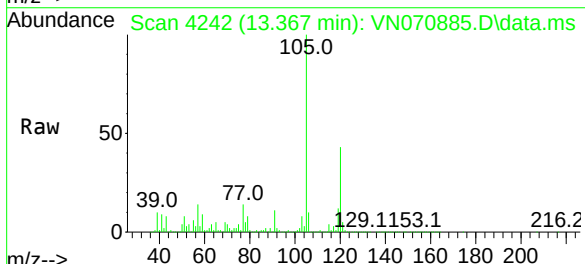
Instrument :
MSVOA_N
ClientSampleId :
31539

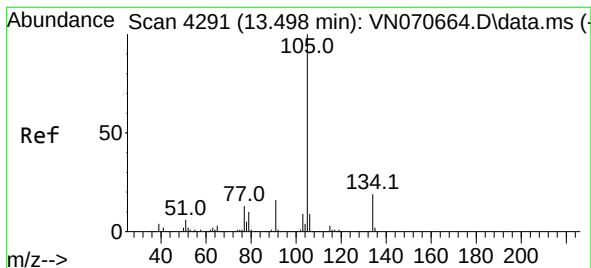
Tgt Ion:119 Resp: 615496
Ion Ratio Lower Upper
119 100
91 124.4 31.5 94.5#
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 90.757 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion:105 Resp: 5454148
Ion Ratio Lower Upper
105 100
120 40.4 22.8 68.4





#85

sec-Butylbenzene

Concen: 73.717 ug/l

RT: 13.367 min Scan# 41

Delta R.T. -0.131 min

Lab File: VN070885.D

Acq: 1 Feb 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

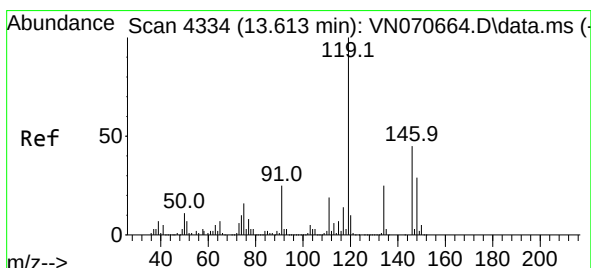
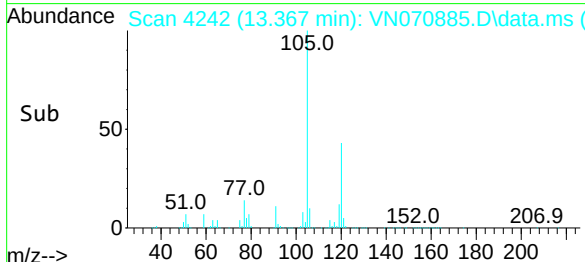
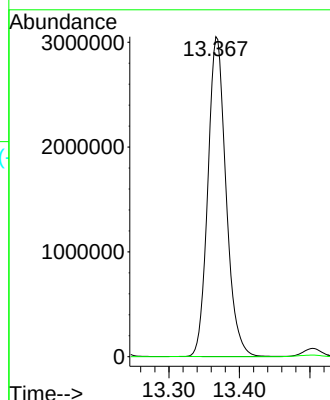
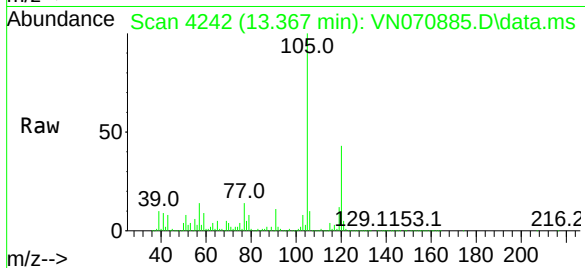
31539

Tgt Ion:105 Resp: 5454148

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



#86

p-Isopropyltoluene

Concen: 3.470 ug/l

RT: 13.624 min Scan# 4338

Delta R.T. 0.011 min

Lab File: VN070885.D

Acq: 1 Feb 2022 21:09

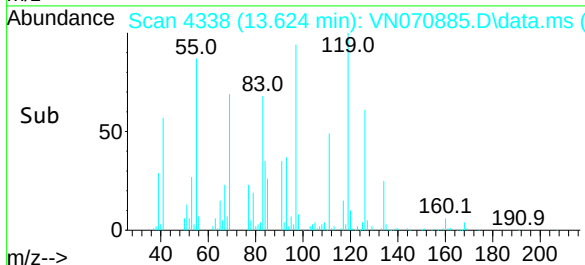
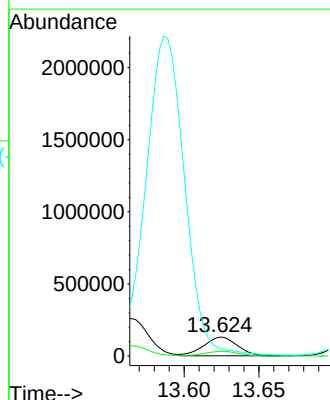
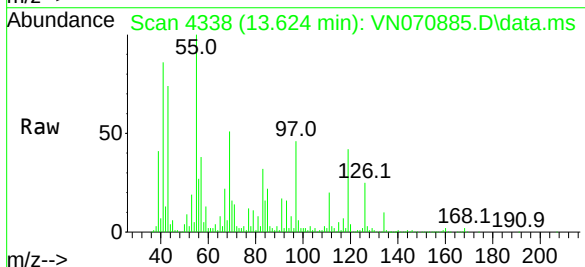
Tgt Ion:119 Resp: 201656

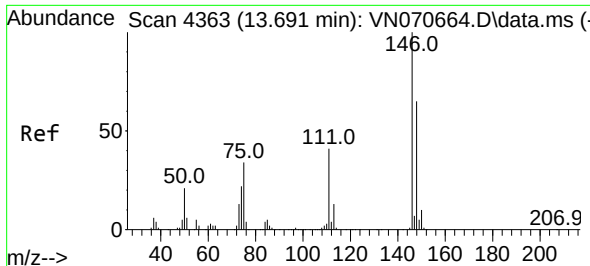
Ion Ratio Lower Upper

119 100

134 25.2 13.6 40.7

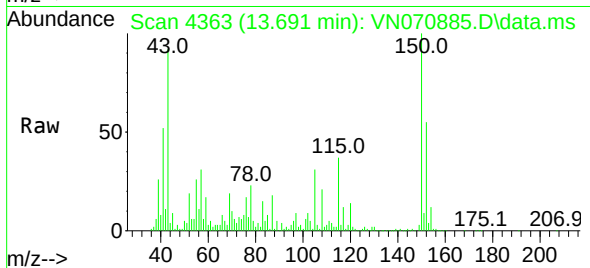
91 0.0 11.4 34.1#



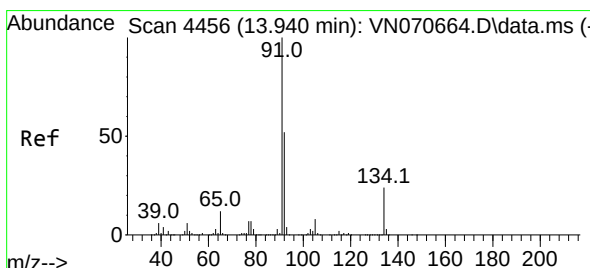
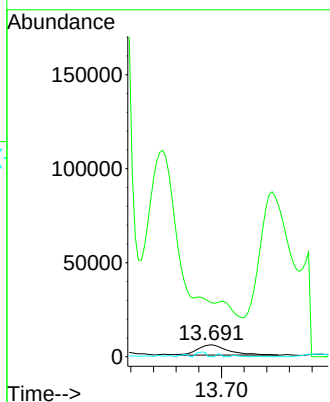
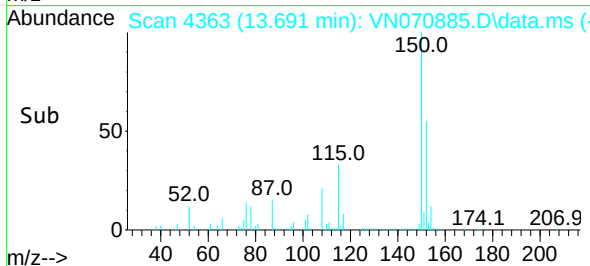


#88
1,4-Dichlorobenzene
Concen: 0.349 ug/l
RT: 13.691 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

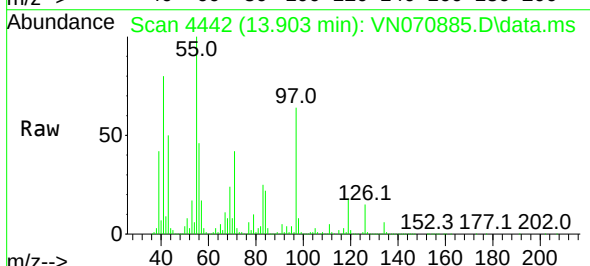
Instrument :
MSVOA_N
ClientSampleId :
31539



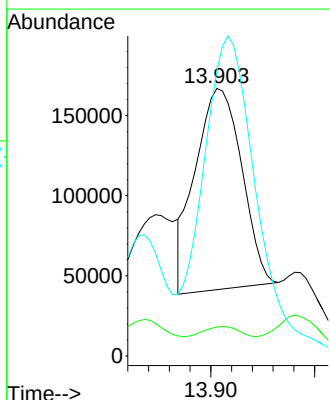
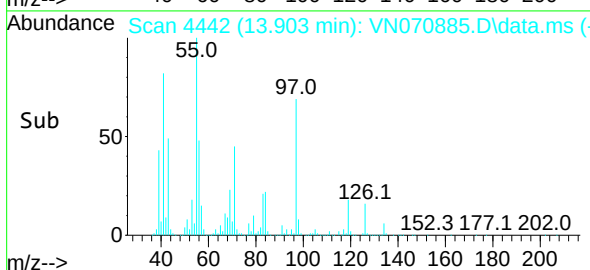
Tgt Ion:146 Resp: 10027
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 4.1 31.8 95.4#

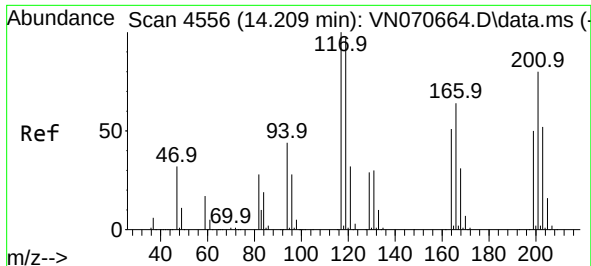


#89
n-Butylbenzene
Concen: 4.080 ug/l
RT: 13.903 min Scan# 4442
Delta R.T. -0.037 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09



Tgt Ion: 91 Resp: 195646
Ion Ratio Lower Upper
91 100
92 9.6 25.4 76.0#
134 181.9 13.6 40.8#

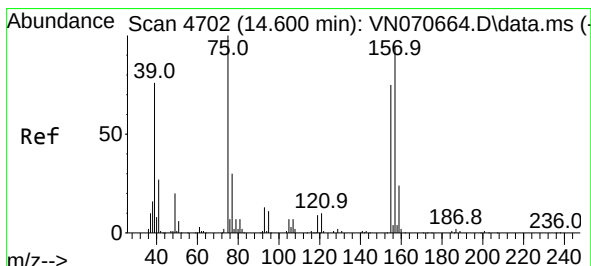
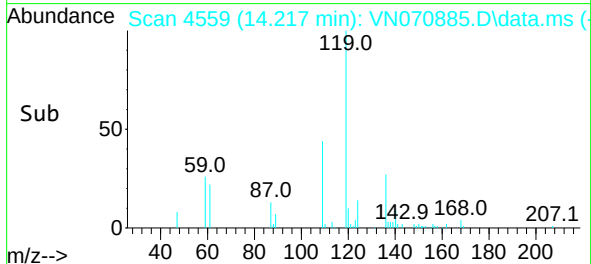
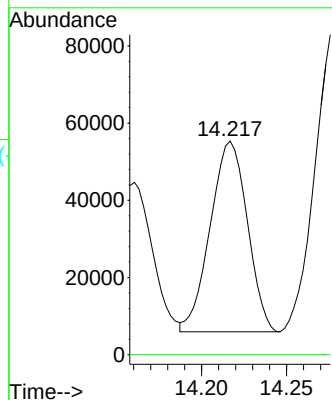
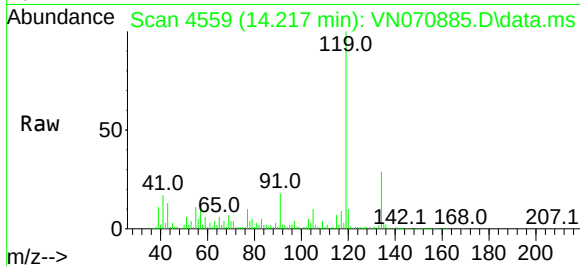




#90
Hexachloroethane
Concen: 7.373 ug/l
RT: 14.217 min Scan# 41539
Delta R.T. 0.008 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

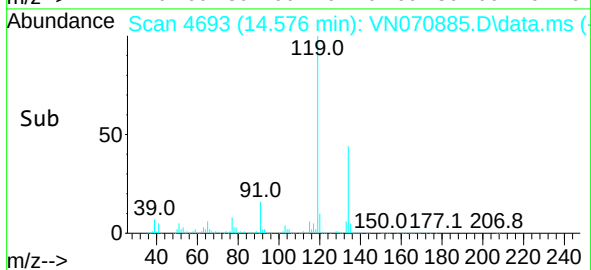
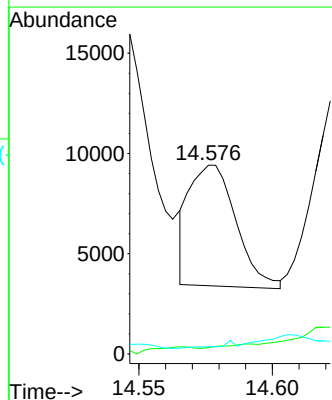
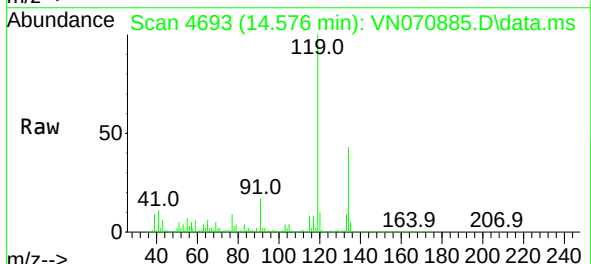
Instrument :
MSVOA_N
ClientSampleId :
31539

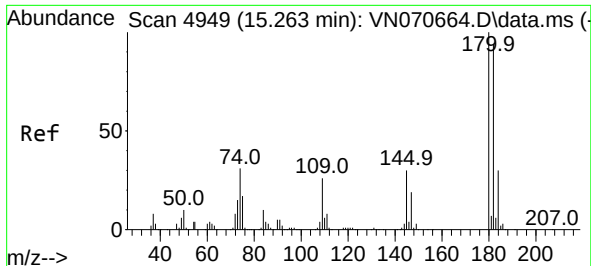
Tgt Ion:117 Resp: 74913
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.650 ug/l
RT: 14.576 min Scan# 4693
Delta R.T. -0.024 min
Lab File: VN070885.D
Acq: 1 Feb 2022 21:09

Tgt Ion: 75 Resp: 7309
Ion Ratio Lower Upper
75 100
155 5.7 46.9 140.7#
157 2.0 60.6 181.7#

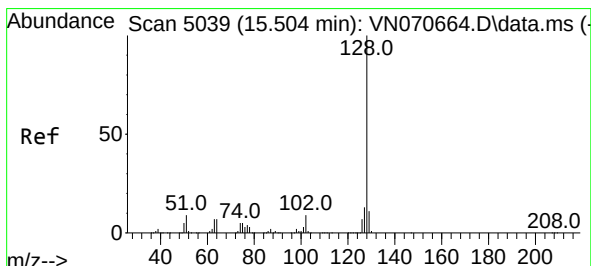
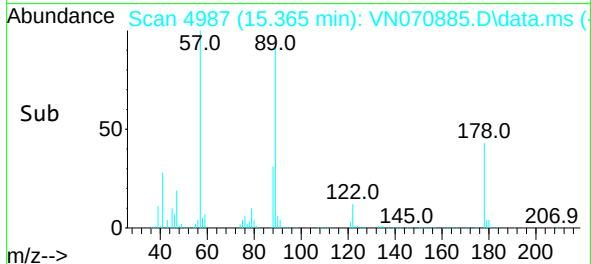
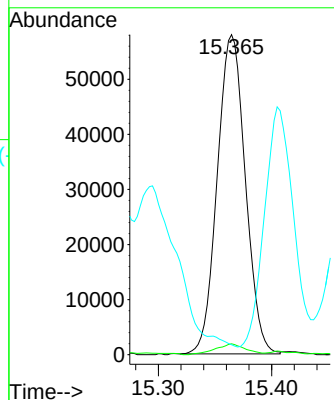
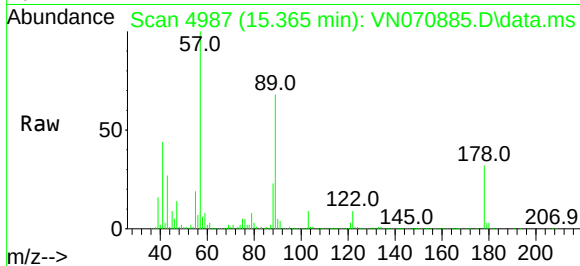




#93
 1,2,4-Trichlorobenzene
 Concen: 9.571 ug/l
 RT: 15.365 min Scan# 4949
 Delta R.T. 0.102 min
 Lab File: VN070885.D
 Acq: 1 Feb 2022 21:09

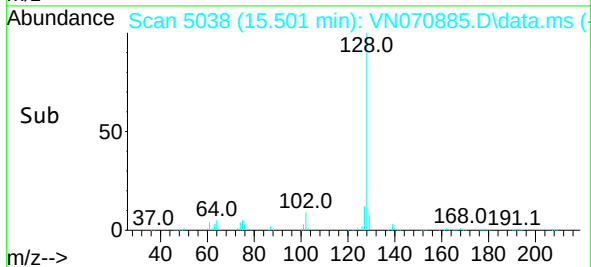
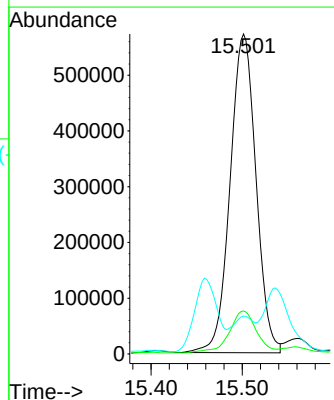
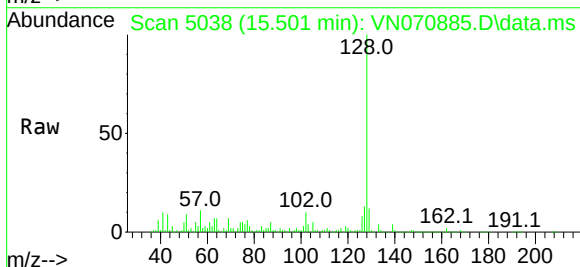
Instrument :
 MSVOA_N
 ClientSampleId :
 31539

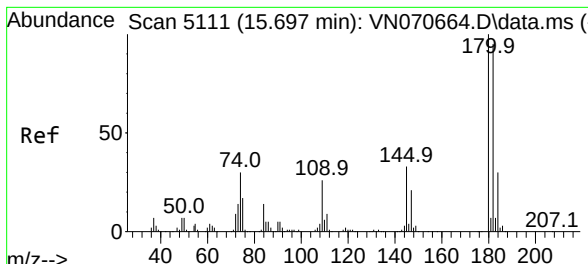
Tgt Ion:180 Resp: 99609
 Ion Ratio Lower Upper
 180 100
 182 3.7 48.3 144.9#
 145 0.0 14.5 43.5#



#95
 Naphthalene
 Concen: 28.913 ug/l
 RT: 15.501 min Scan# 5038
 Delta R.T. -0.003 min
 Lab File: VN070885.D
 Acq: 1 Feb 2022 21:09

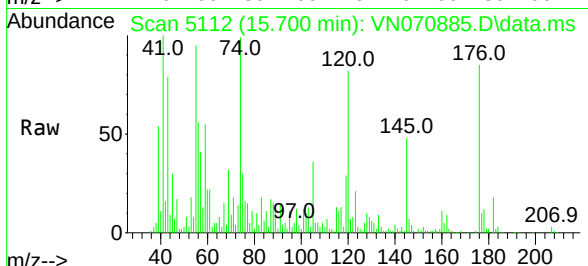
Tgt Ion:128 Resp: 1127038
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.5 15.7
 129 8.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.377 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN070885.D
 Acq: 1 Feb 2022 21:09

Instrument :
 MSVOA_N
 ClientSampleId :
 31539



Tgt Ion:180 Resp: 2491
 Ion Ratio Lower Upper
 180 100
 182 1584.7 47.4 142.2#
 145 0.0 15.0 45.1#

