

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070862.D
 Acq On : 31 Jan 2022 19:31
 Operator : JC/MD
 Sample : N1325-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TES-2

Quant Time: Feb 01 05:02:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

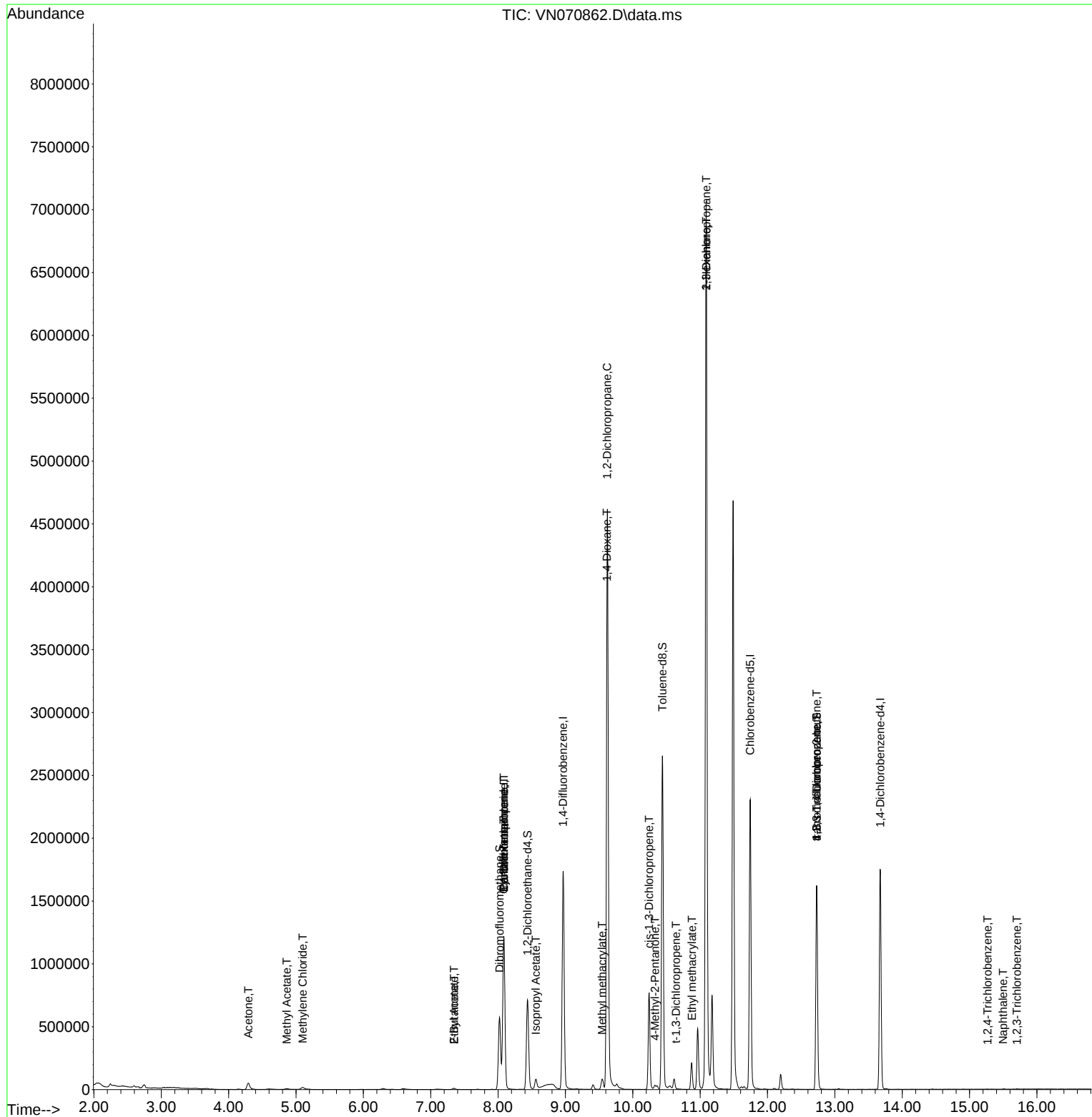
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	922078	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	1481641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1331136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	480812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	628772	47.581	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.160%
35) Dibromofluoromethane	8.021	113	429129	46.692	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.380%
50) Toluene-d8	10.440	98	1841746	47.568	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.731	95	606802	43.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.960%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	97788	10.662	ug/l	100
18) Methyl Acetate	4.865	43	11787	0.653	ug/l	# 59
20) Methylene Chloride	5.098	84	10532	0.872	ug/l	# 89
25) 2-Butanone	7.345	43	17826	1.545	ug/l	91
30) Chloroform	8.072	83	58	Below Cal	#	18
31) Cyclohexane	8.083	56	21511	0.924	ug/l	# 12
36) 1,1-Dichloropropene	8.086	75	77404	5.003	ug/l	# 49
37) Ethyl Acetate	7.345	43	17826	0.868	ug/l	# 68
38) Carbon Tetrachloride	8.086	117	93369	6.783	ug/l	# 16
43) Isopropyl Acetate	8.560	43	101841	3.246	ug/l	# 86
45) 1,2-Dichloropropane	9.620	63	5771	0.442	ug/l	# 44
48) Methyl methacrylate	9.545	41	24995	1.672	ug/l	# 8
49) 1,4-Dioxane	9.614	88	342	1.523	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.330	43	17177	0.858	ug/l	# 85
53) t-1,3-Dichloropropene	10.642	75	50	2.406	ug/l	# 1
54) cis-1,3-Dichloropropene	10.242	75	134307	7.224	ug/l	# 61
56) Ethyl methacrylate	10.878	69	1090	2.350	ug/l	# 1
57) 1,3-Dichloropropane	11.089	76	71885	3.604	ug/l	# 43
59) 2-Hexanone	11.089	43	1216885	83.671	ug/l	# 49
76) 1,2,3-Trichloropropane	12.731	75	326578	25.609	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.731	75	326578	76.294	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.268	180	476	3.475	ug/l	# 76
95) Naphthalene	15.499	128	3256	5.066	ug/l	# 94
96) 1,2,3-Trichlorobenzene	15.702	180	426	3.263	ug/l	84

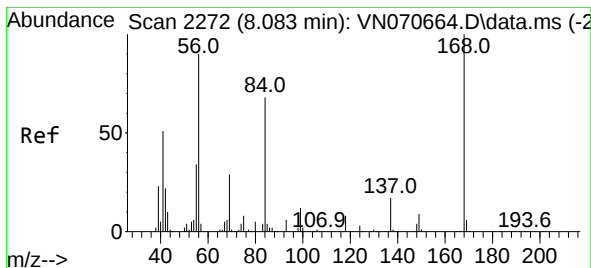
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070862.D

Acq: 31 Jan 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

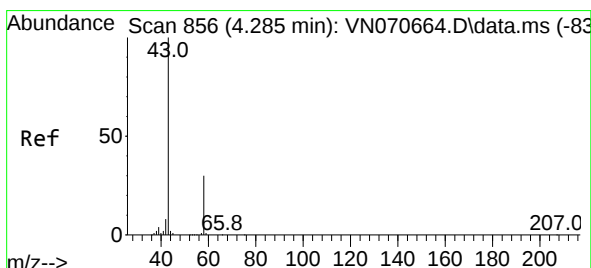
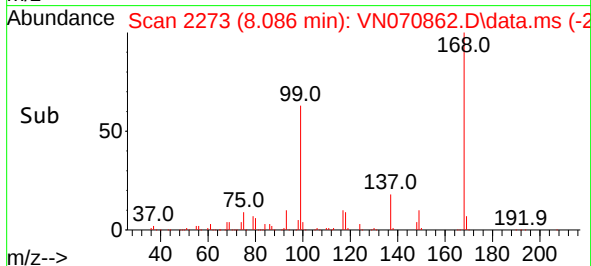
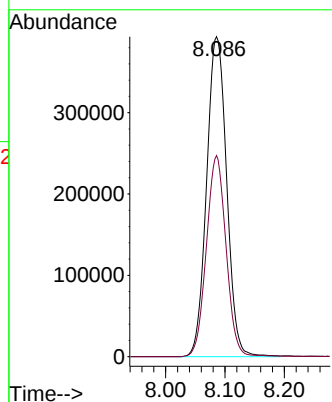
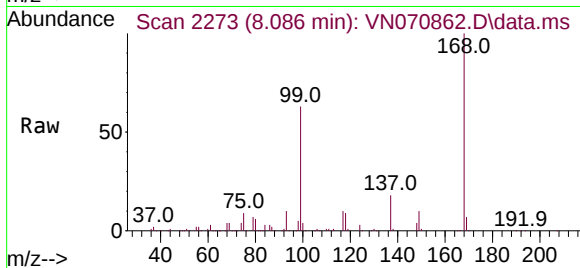
TES-2

Tgt Ion:168 Resp: 922078

Ion Ratio Lower Upper

168 100

99 62.8 41.3 61.9#



#16

Acetone

Concen: 10.662 ug/l

RT: 4.293 min Scan# 859

Delta R.T. 0.008 min

Lab File: VN070862.D

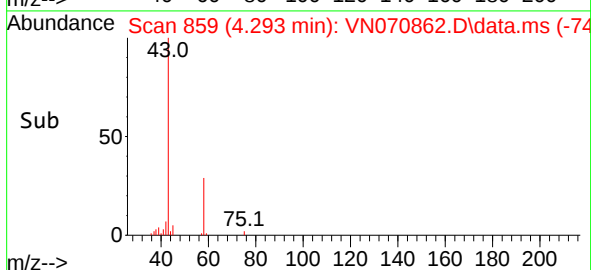
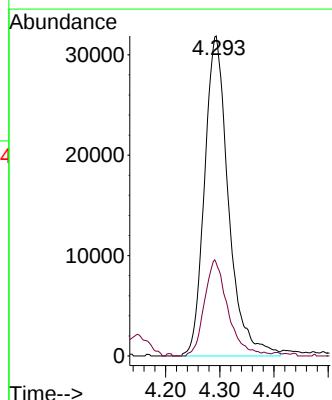
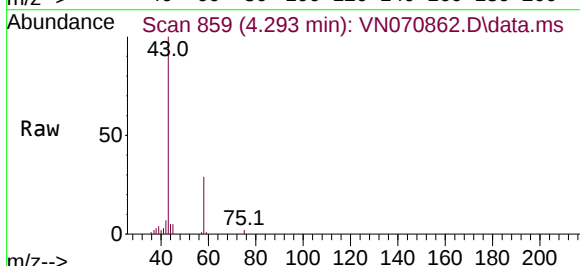
Acq: 31 Jan 2022 19:31

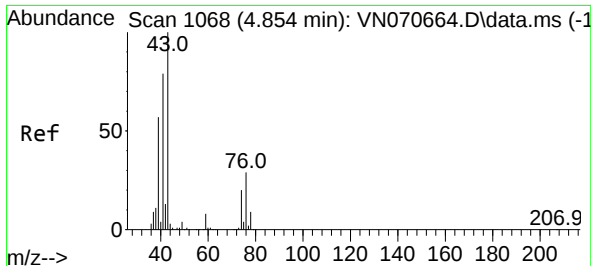
Tgt Ion: 43 Resp: 97788

Ion Ratio Lower Upper

43 100

58 29.0 23.1 34.7

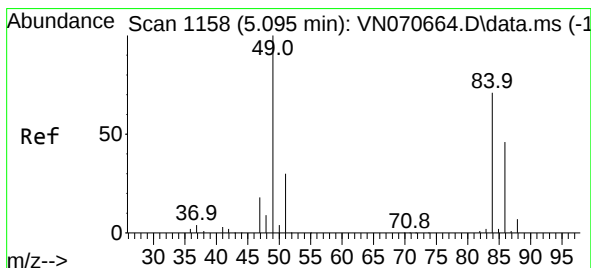
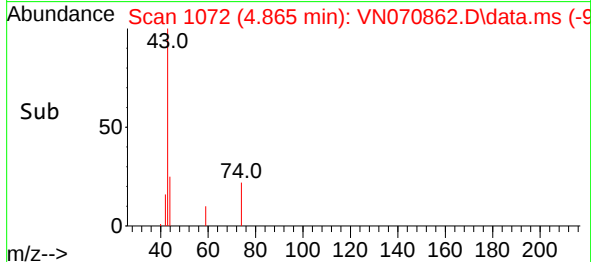
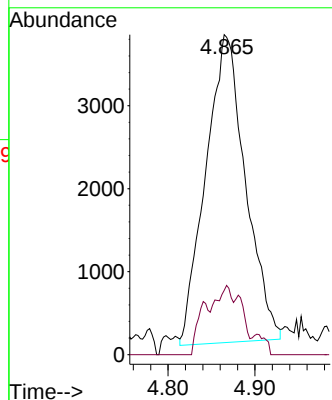
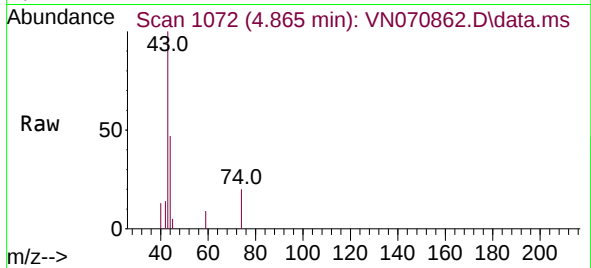




#18
Methyl Acetate
Concen: 0.653 ug/l
RT: 4.865 min Scan# 11787
Delta R.T. 0.011 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

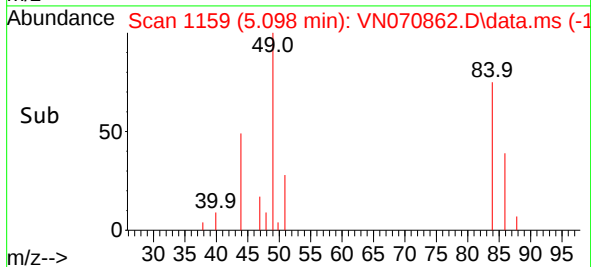
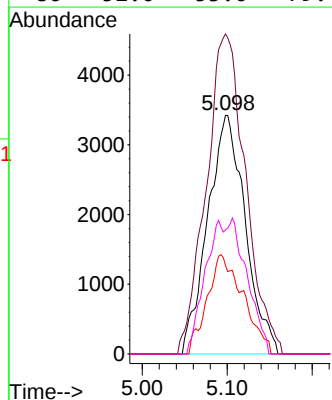
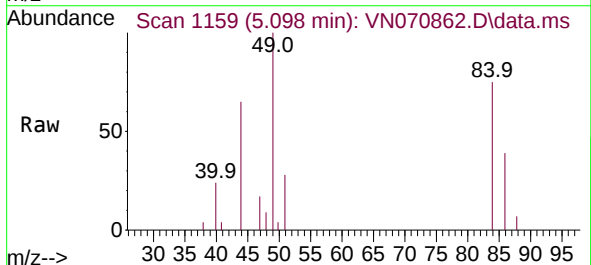
Instrument :
MSVOA_N
ClientSampleId :
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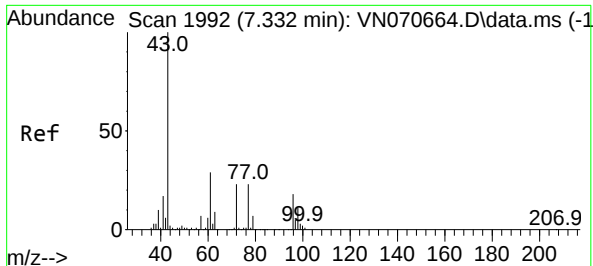
Tgt Ion: 43 Resp: 11787
Ion Ratio Lower Upper
43 100
74 4.0 19.4 29.2#



#20
Methylene Chloride
Concen: 0.872 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

Tgt Ion: 84 Resp: 10532
Ion Ratio Lower Upper
84 100
49 129.3 93.5 140.3
51 37.1 29.4 44.2
86 52.0 53.0 79.4#





#25

2-Butanone

Concen: 1.545 ug/l

RT: 7.345 min Scan# 1992

Delta R.T. 0.013 min

Lab File: VN070862.D

Acq: 31 Jan 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

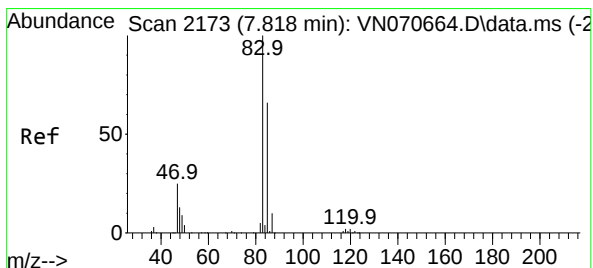
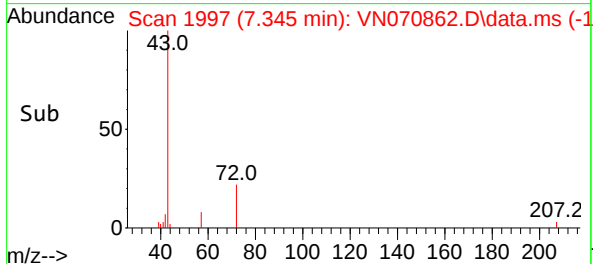
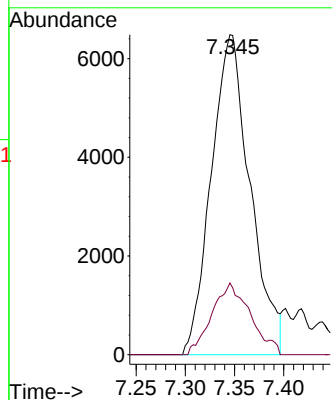
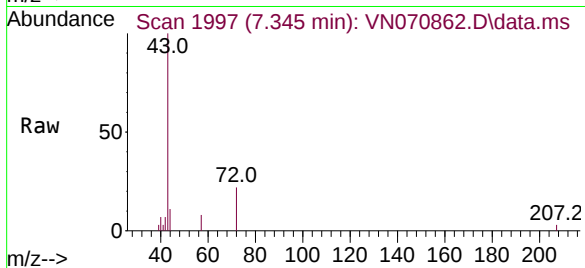
TES-2

Tgt Ion: 43 Resp: 17826

Ion Ratio Lower Upper

43 100

72 22.4 21.7 32.5



#30

Chloroform

Concen: Below Cal

RT: 8.072 min Scan# 2268

Delta R.T. 0.254 min

Lab File: VN070862.D

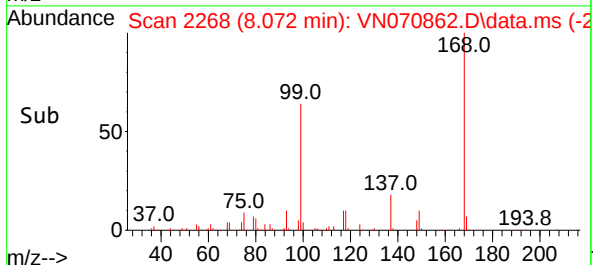
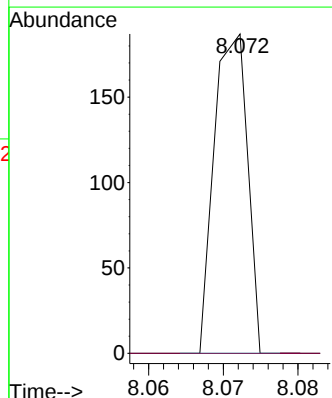
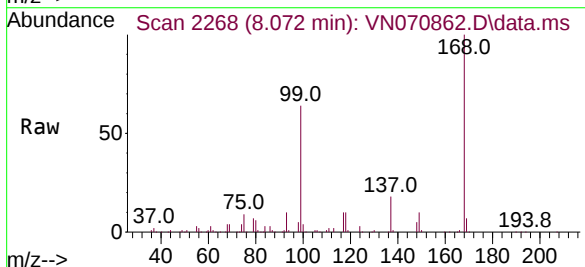
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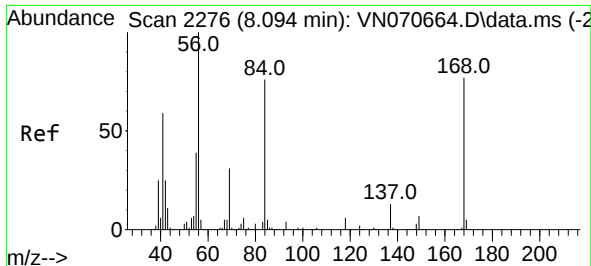
Tgt Ion: 83 Resp: 58

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

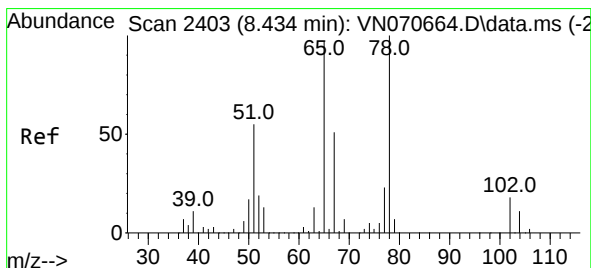
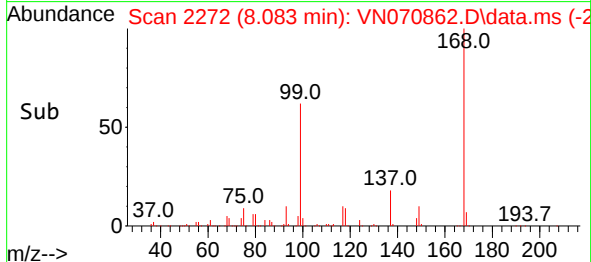
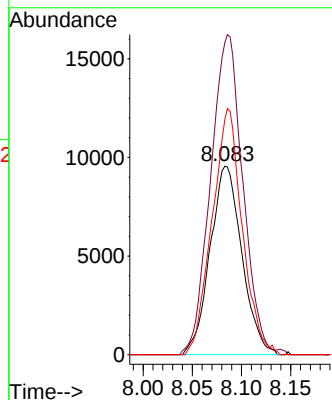
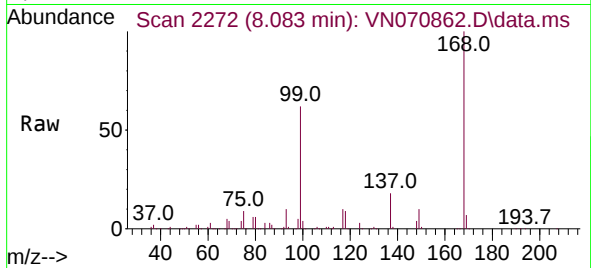




#31
Cyclohexane
Concen: 0.924 ug/l
RT: 8.083 min Scan# 21511
Delta R.T. -0.011 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

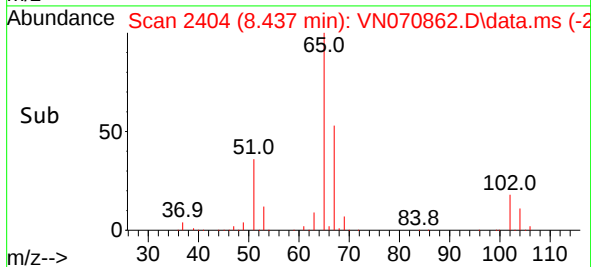
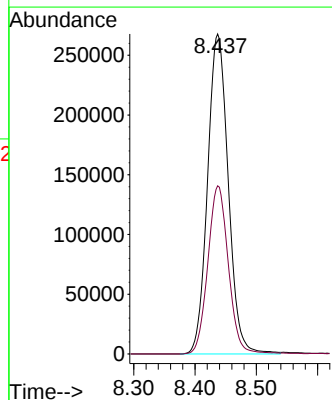
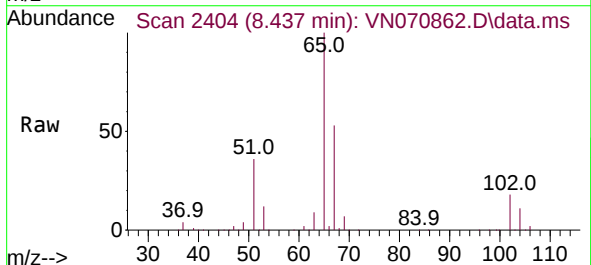
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ClientSampleId :
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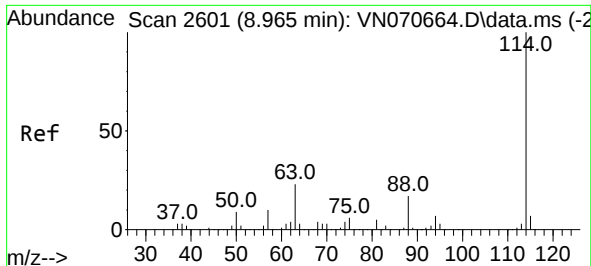
Tgt Ion: 56 Resp: 21511
Ion Ratio Lower Upper
56 100
69 165.5 27.1 40.7#
84 124.8 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 47.581 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

Tgt Ion: 65 Resp: 628772
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0

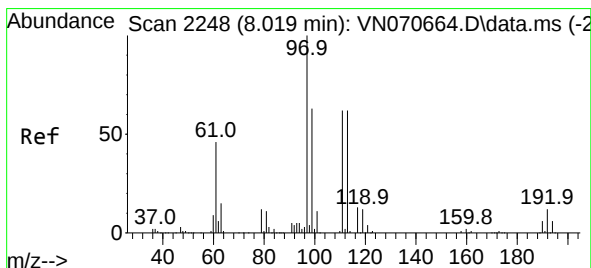
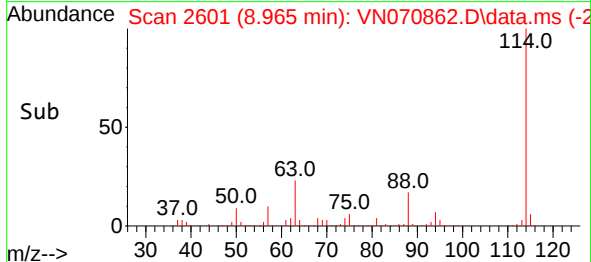
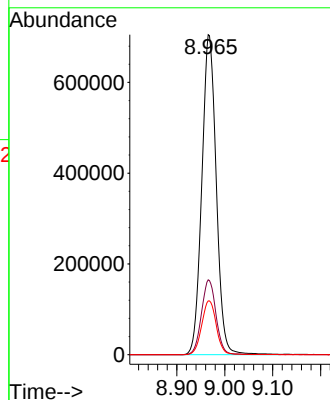
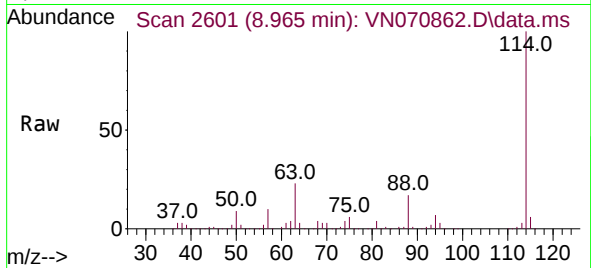




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. 0.000 min
 Lab File: VN070862.D
 Acq: 31 Jan 2022 19:31

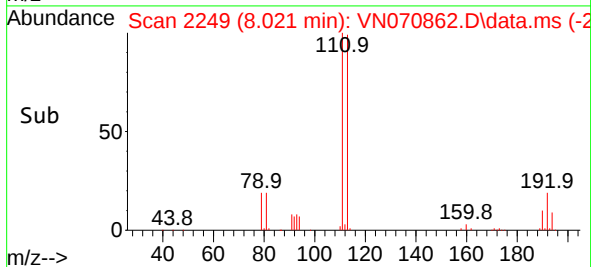
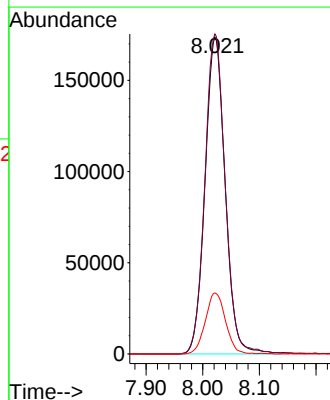
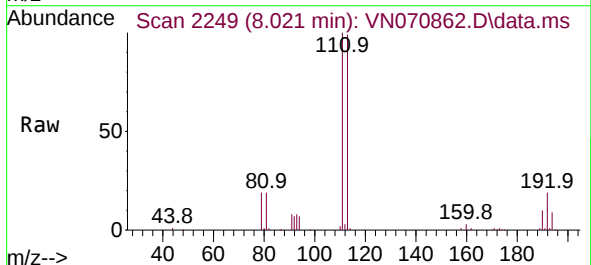
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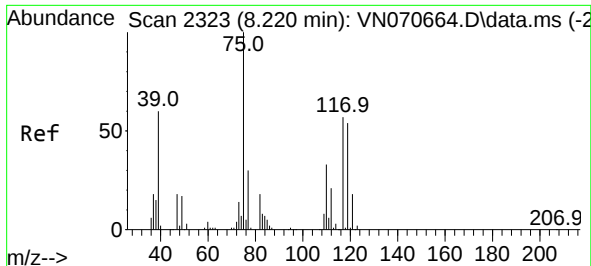
Tgt Ion:114 Resp: 1481641
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 16.8 0.0 27.4



#35
 Dibromofluoromethane
 Concen: 46.692 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. 0.002 min
 Lab File: VN070862.D
 Acq: 31 Jan 2022 19:31

Tgt Ion:113 Resp: 429129
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 19.3 16.9 25.3

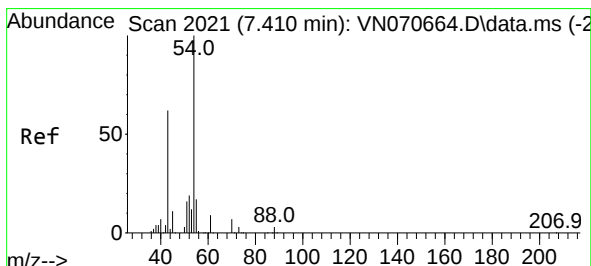
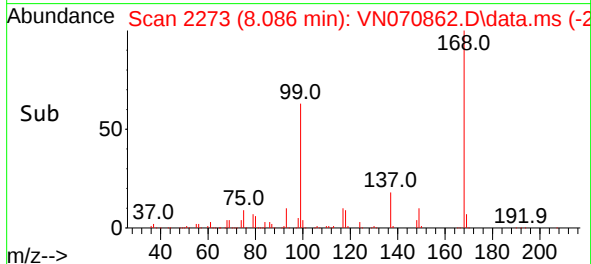
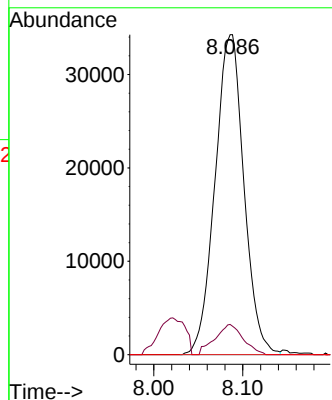
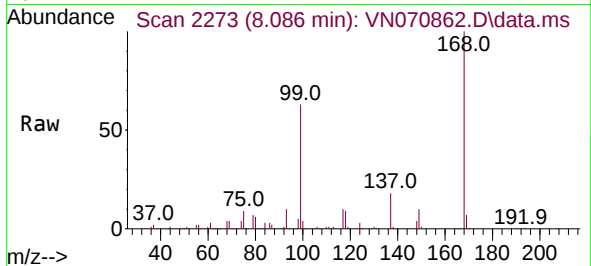




#36
 1,1-Dichloropropene
 Concen: 5.003 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070862.D
 Acq: 31 Jan 2022 19:31

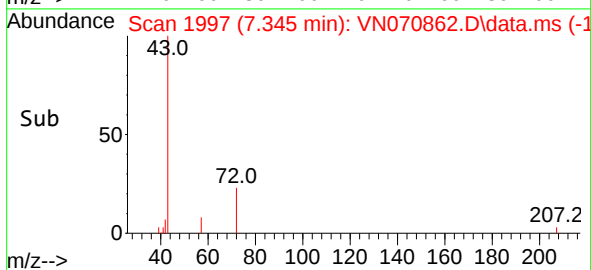
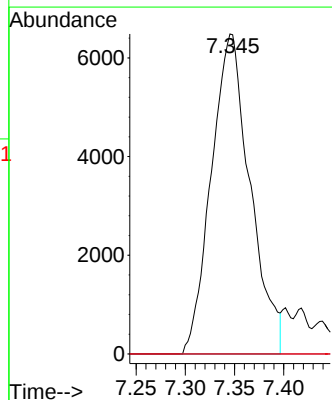
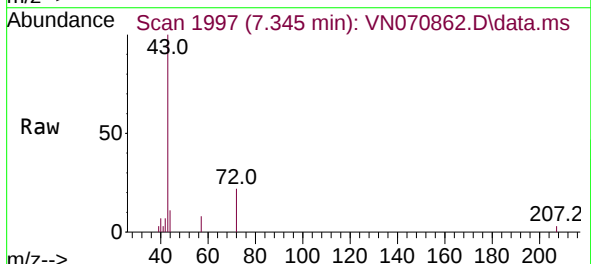
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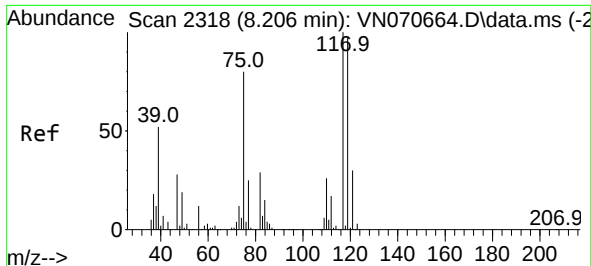
Tgt Ion: 75 Resp: 77404
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 0.868 ug/l
 RT: 7.345 min Scan# 1997
 Delta R.T. -0.065 min
 Lab File: VN070862.D
 Acq: 31 Jan 2022 19:31

Tgt Ion: 43 Resp: 17826
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#

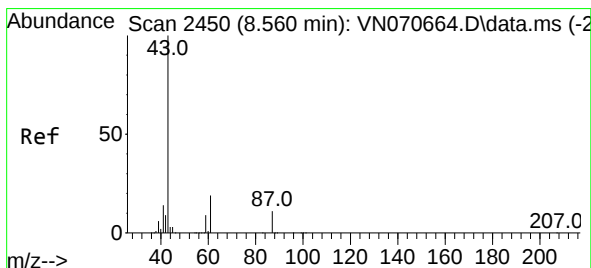
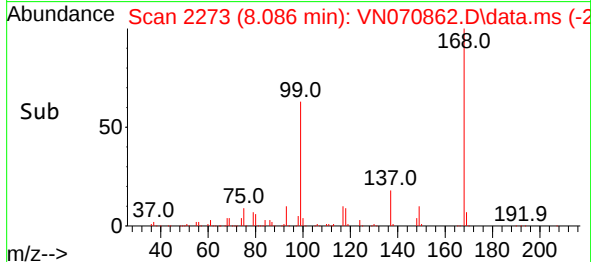
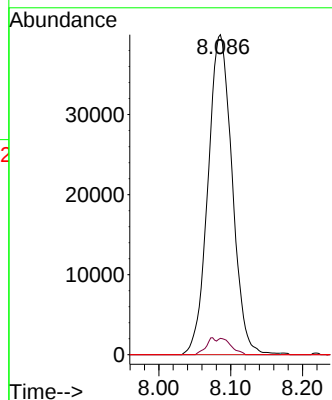
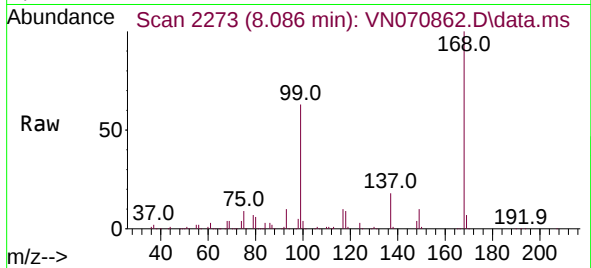




#38
Carbon Tetrachloride
Concen: 6.783 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

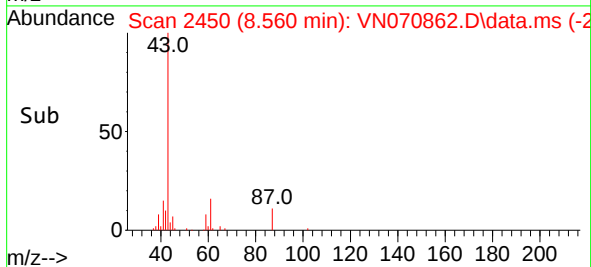
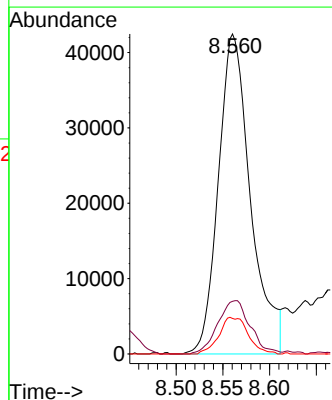
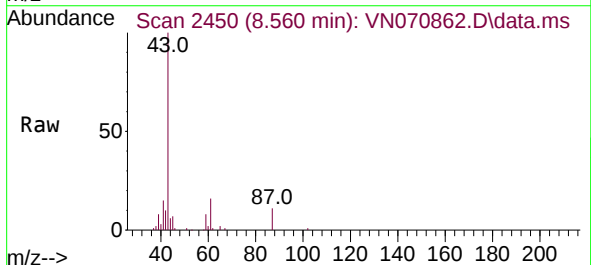
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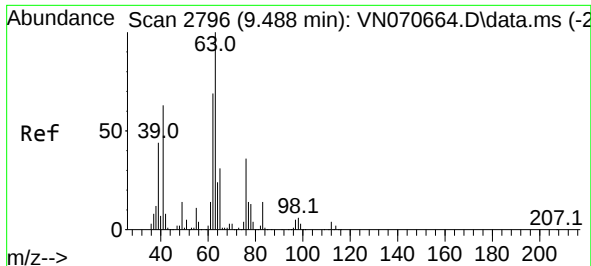
Tgt Ion:117 Resp: 93369
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.246 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

Tgt Ion: 43 Resp: 101841
Ion Ratio Lower Upper
43 100
61 16.8 20.4 30.6#
87 10.4 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.442 ug/l

RT: 9.620 min Scan# 2845

Delta R.T. 0.132 min

Lab File: VN070862.D

Acq: 31 Jan 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

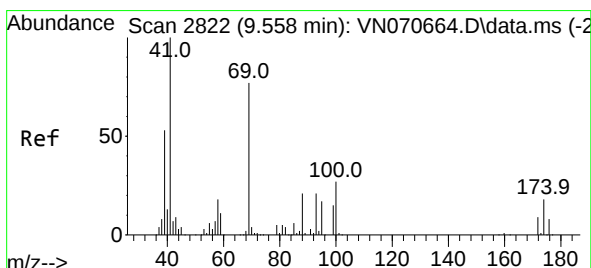
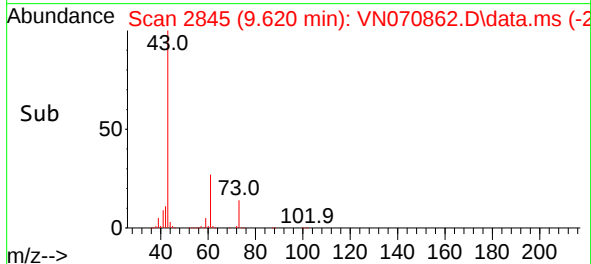
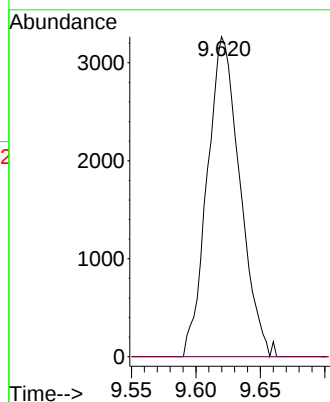
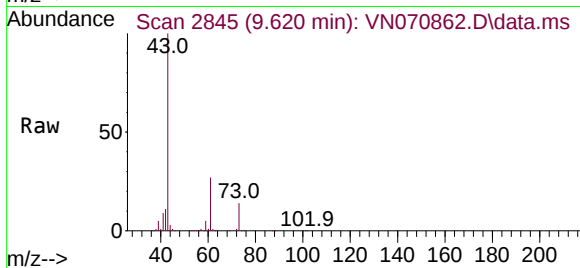
TES-2

Tgt Ion: 63 Resp: 5771

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#



#48

Methyl methacrylate

Concen: 1.672 ug/l

RT: 9.545 min Scan# 2817

Delta R.T. -0.013 min

Lab File: VN070862.D

Acq: 31 Jan 2022 19:31

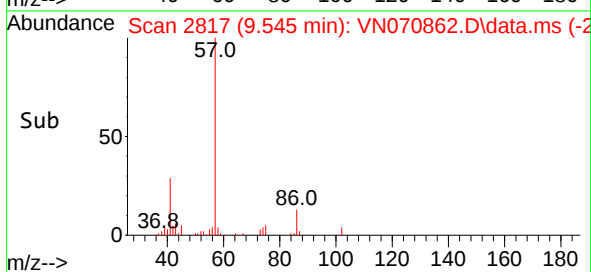
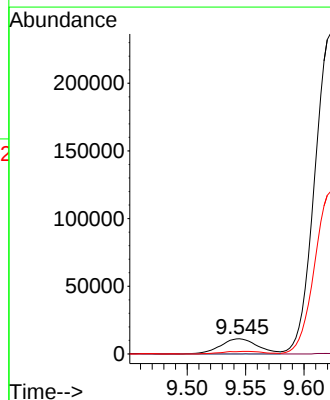
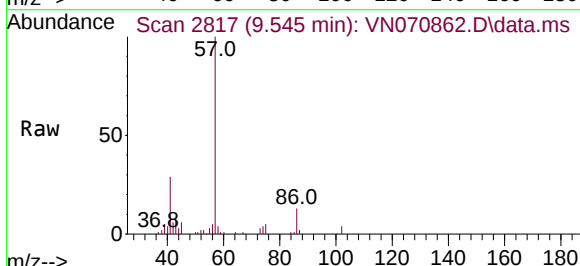
Tgt Ion: 41 Resp: 24995

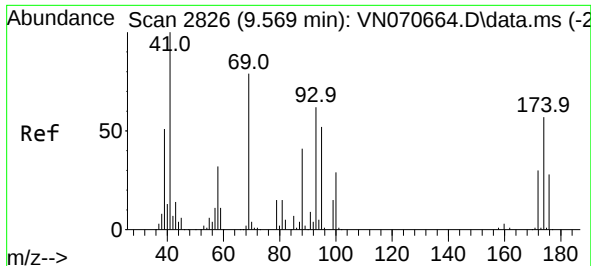
Ion Ratio Lower Upper

41 100

69 0.1 72.4 108.6#

39 0.0 58.4 87.6#

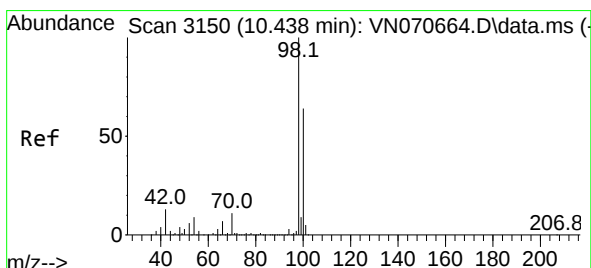
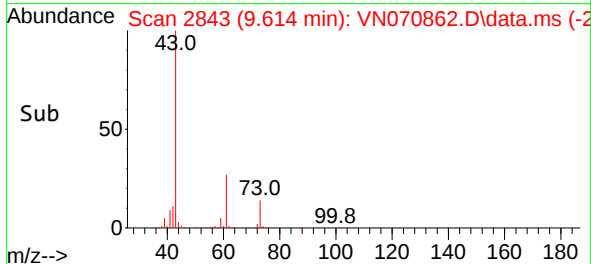
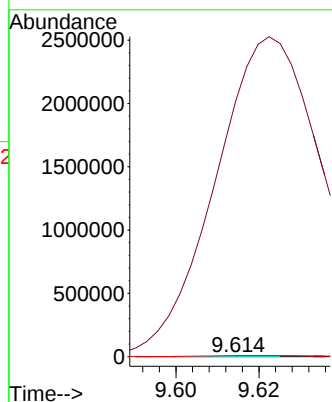
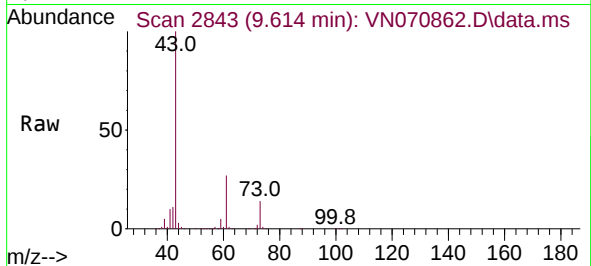




#49
1,4-Dioxane
Concen: 1.523 ug/l
RT: 9.614 min Scan# 2826
Delta R.T. 0.045 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

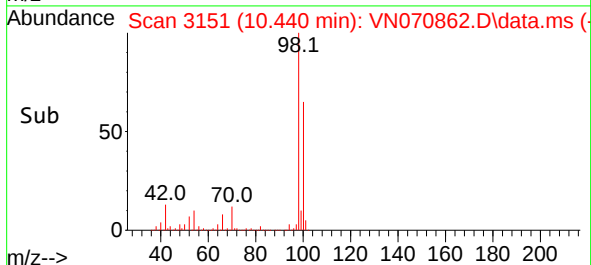
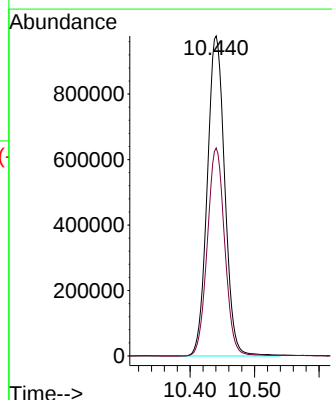
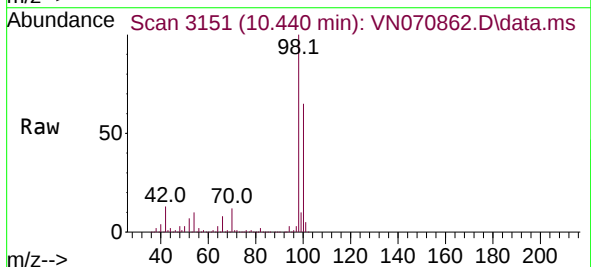
Instrument :
MSVOA_N
ClientSampleId :
TES-2

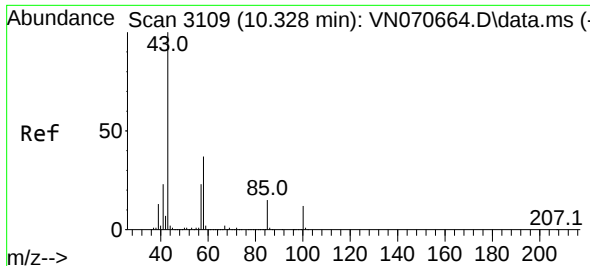
Tgt Ion: 88 Resp: 342
Ion Ratio Lower Upper
88 100
43 1414827.8 23.4 35.2#
58 5783.9 50.6 75.8#



#50
Toluene-d8
Concen: 47.568 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

Tgt Ion: 98 Resp: 1841746
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6

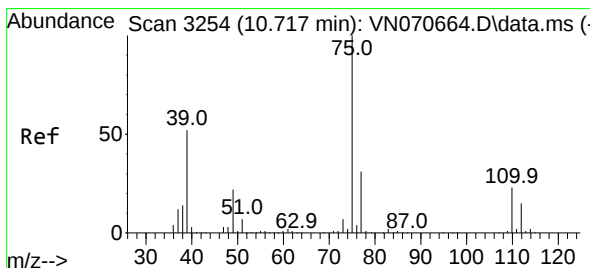
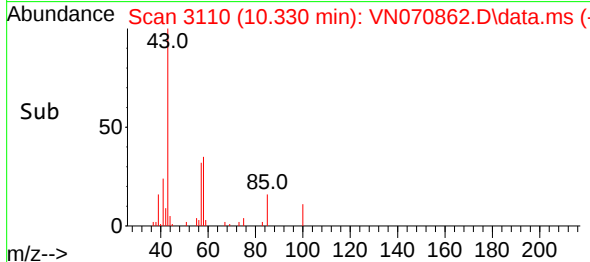
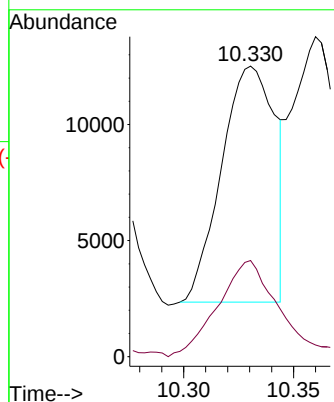
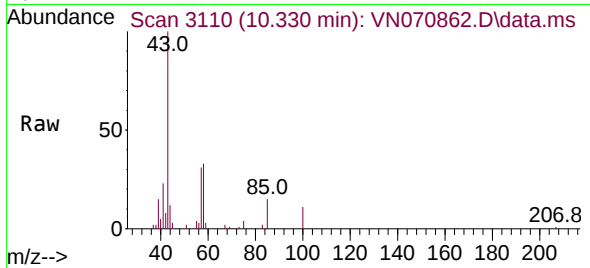




#51
4-Methyl-2-Pentanone
Concen: 0.858 ug/l
RT: 10.330 min Scan# 3109
Delta R.T. 0.002 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

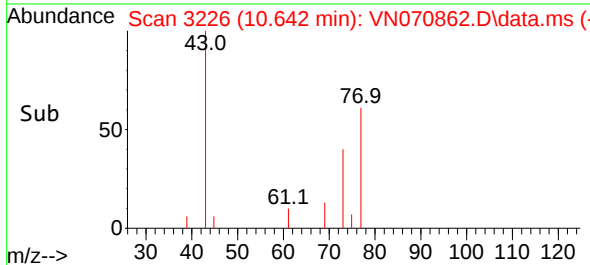
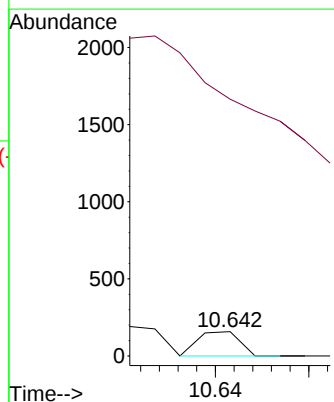
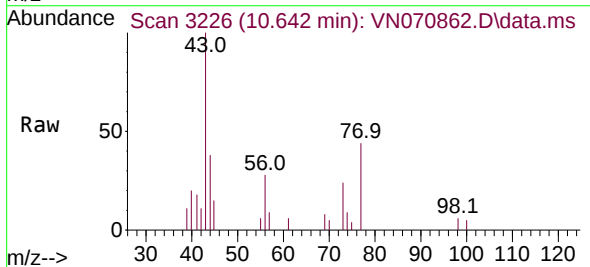
Instrument :
MSVOA_N
ClientSampleId :
TES-2

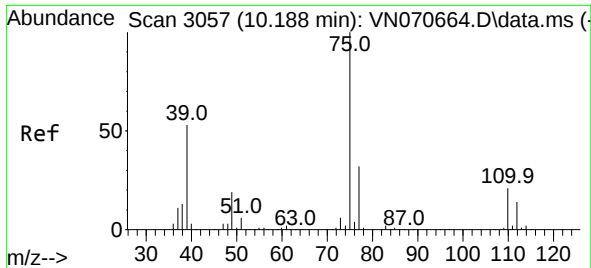
Tgt Ion: 43 Resp: 17177
Ion Ratio Lower Upper
43 100
58 46.8 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 2.406 ug/l
RT: 10.642 min Scan# 3226
Delta R.T. -0.075 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 90.5 25.6 38.4#

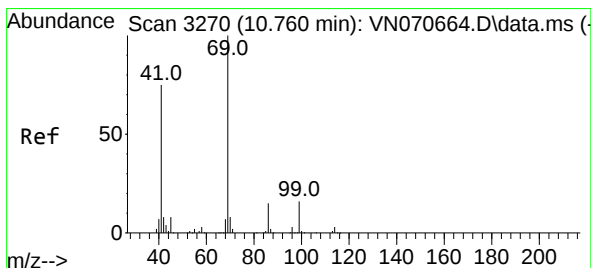
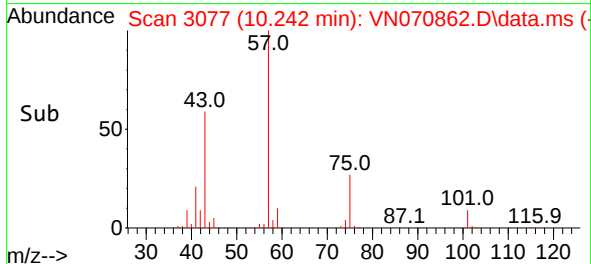
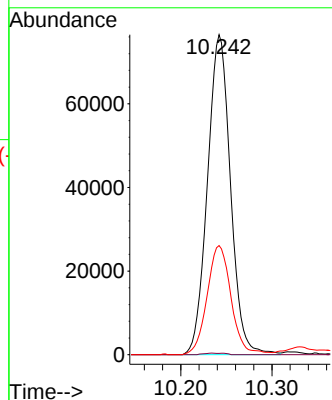
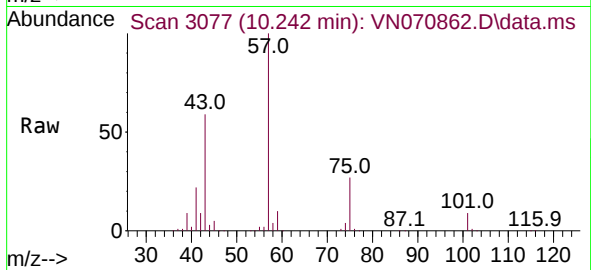




#54
 cis-1,3-Dichloropropene
 Concen: 7.224 ug/l
 RT: 10.242 min Scan# 3057
 Delta R.T. 0.054 min
 Lab File: VN070862.D
 Acq: 31 Jan 2022 19:31

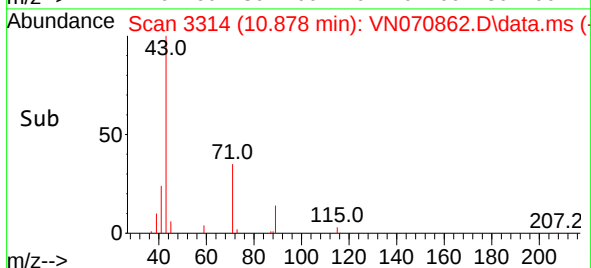
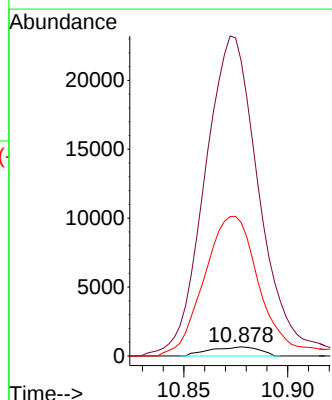
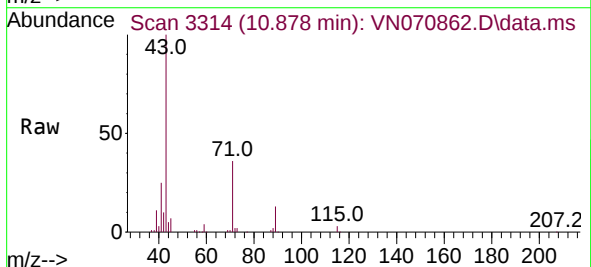
Instrument :
 MSVOA_N
 ClientSampleId :
 TES-2

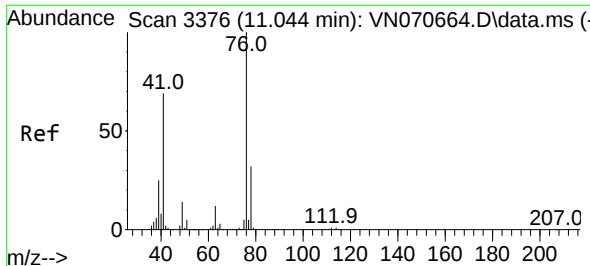
Tgt Ion: 75 Resp: 134307
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.4 39.6#
 39 34.1 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.350 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. 0.118 min
 Lab File: VN070862.D
 Acq: 31 Jan 2022 19:31

Tgt Ion: 69 Resp: 1090
 Ion Ratio Lower Upper
 69 100
 41 3881.7 51.4 77.0#
 39 1724.8 34.6 52.0#

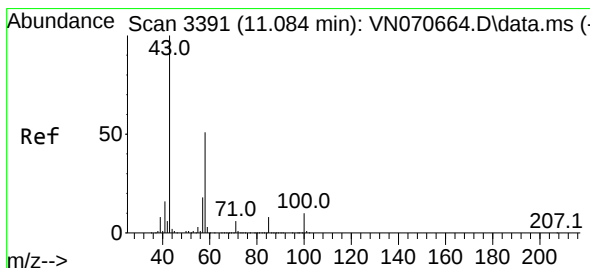
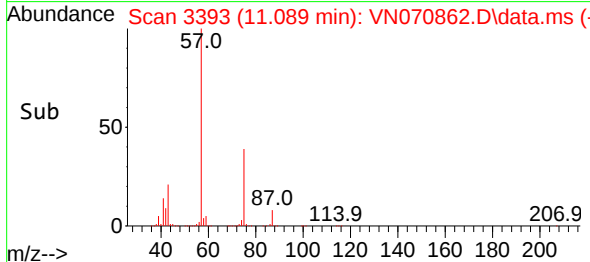
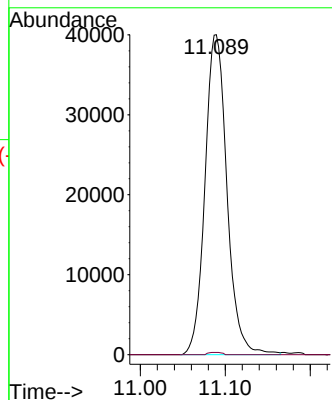
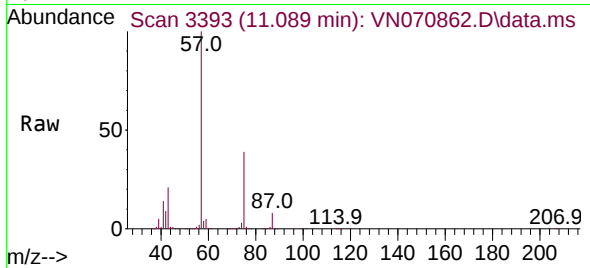




#57
1,3-Dichloropropane
Concen: 3.604 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.045 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

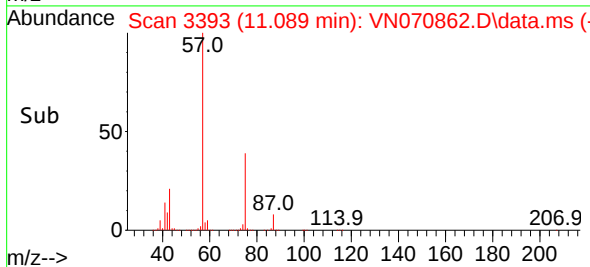
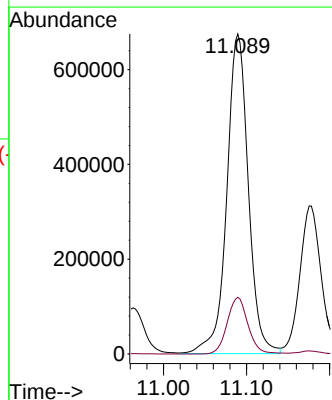
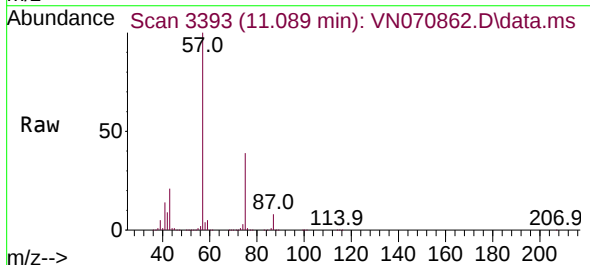
Instrument :
MSVOA_N
ClientSampleId :
TES-2

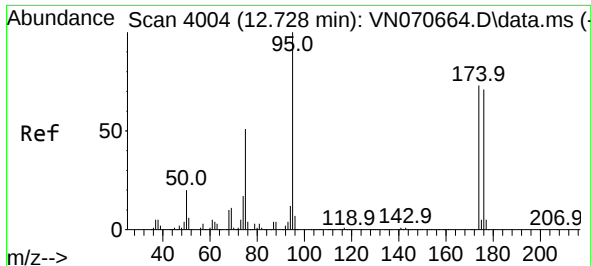
Tgt Ion: 76 Resp: 71885
Ion Ratio Lower Upper
76 100
78 0.4 25.7 38.5#



#59
2-Hexanone
Concen: 83.671 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

Tgt Ion: 43 Resp: 1216885
Ion Ratio Lower Upper
43 100
58 17.1 26.9 80.7#

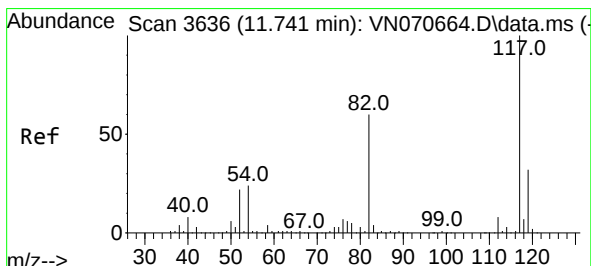
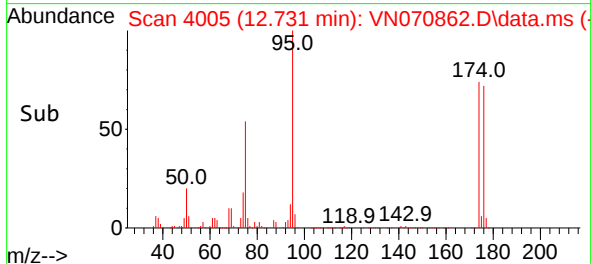
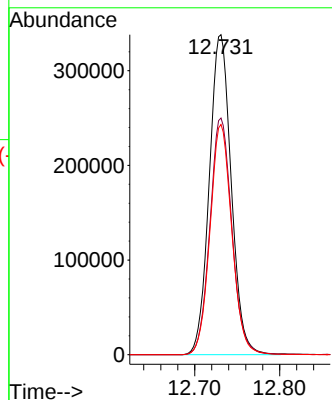
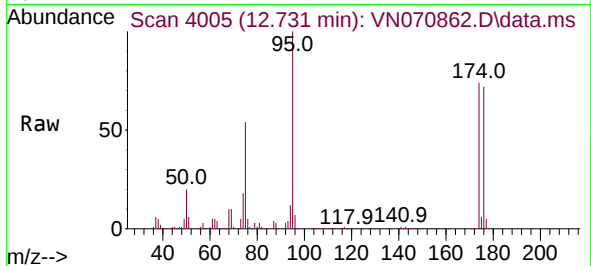




#62
4-Bromofluorobenzene
Concen: 43.981 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

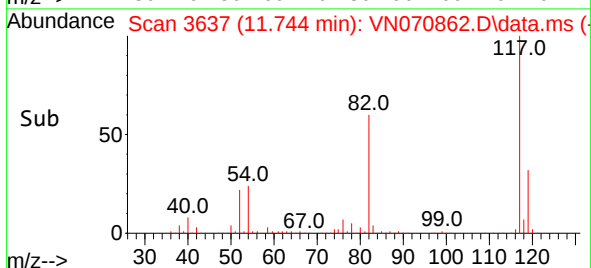
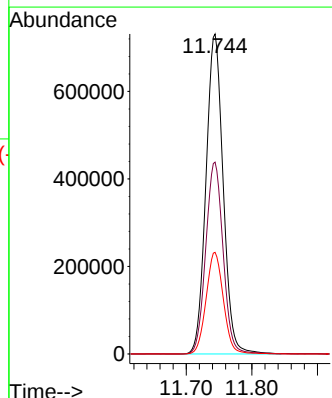
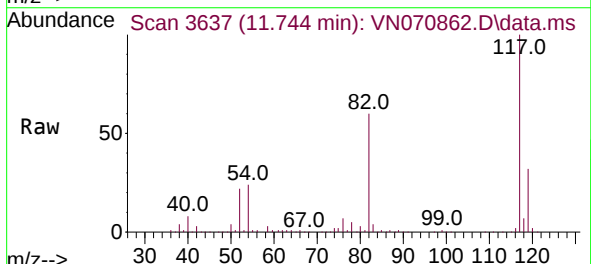
Instrument :
MSVOA_N
ClientSampleId :
TES-2

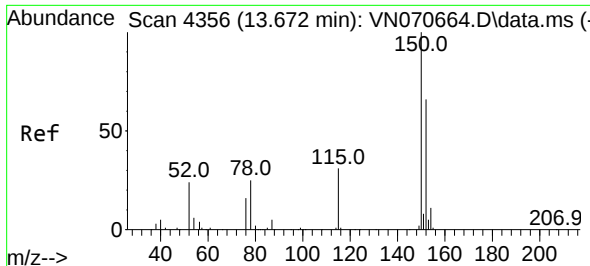
Tgt Ion: 95 Resp: 606802
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

Tgt Ion: 117 Resp: 1331136
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.8 25.4 38.2

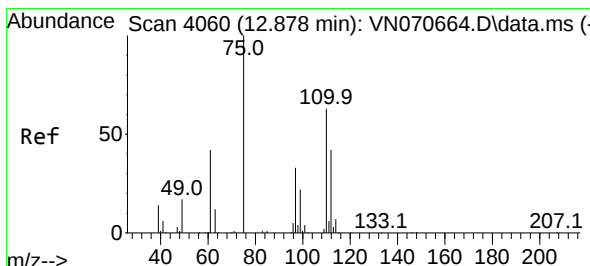
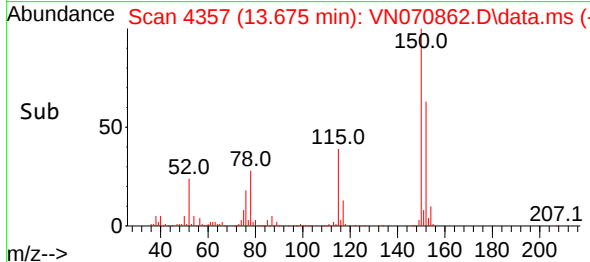
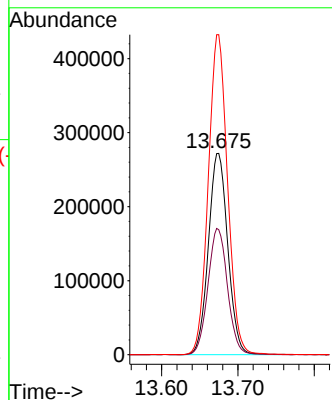
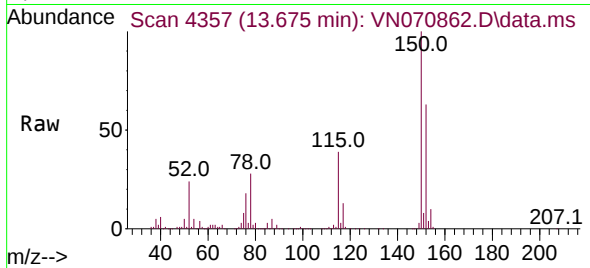




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070862.D
 Acq: 31 Jan 2022 19:31

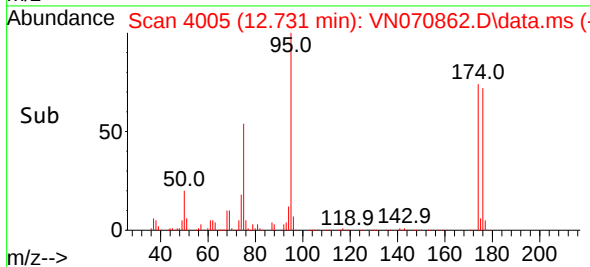
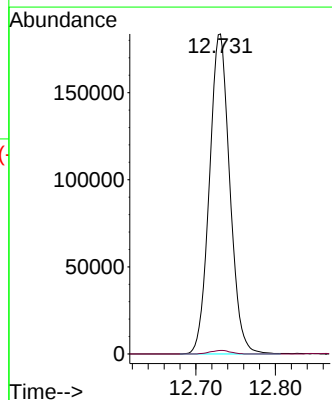
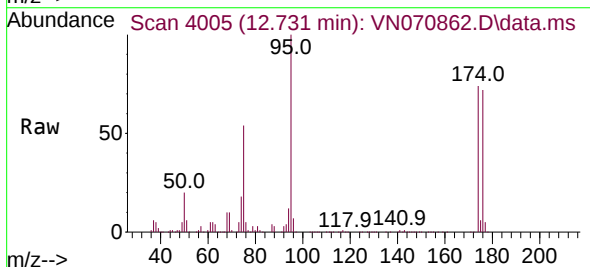
Instrument :
 MSVOA_N
 ClientSampleId :
 TES-2

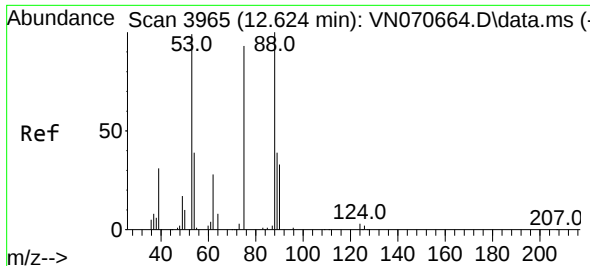
Tgt Ion:152 Resp: 480812
 Ion Ratio Lower Upper
 152 100
 115 63.2 27.5 82.5
 150 158.0 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 25.609 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070862.D
 Acq: 31 Jan 2022 19:31

Tgt Ion: 75 Resp: 326578
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

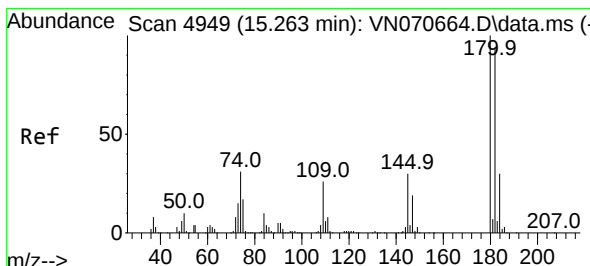
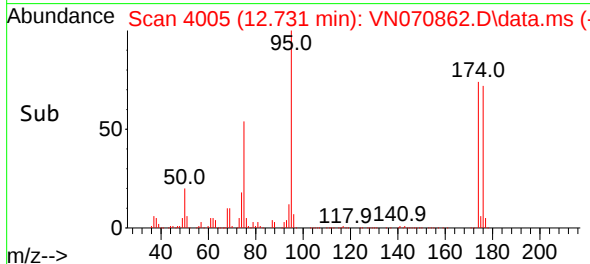
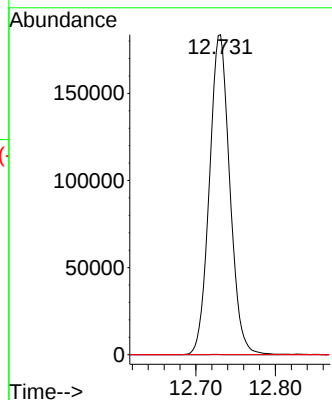
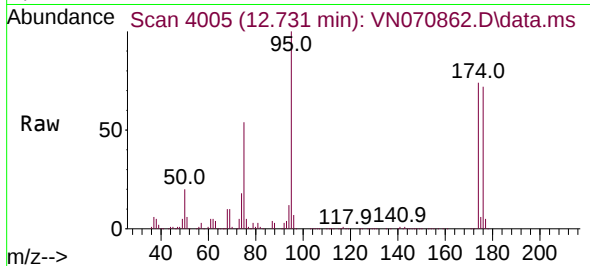




#81
trans-1,4-Dichloro-2-butene
Concen: 76.294 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

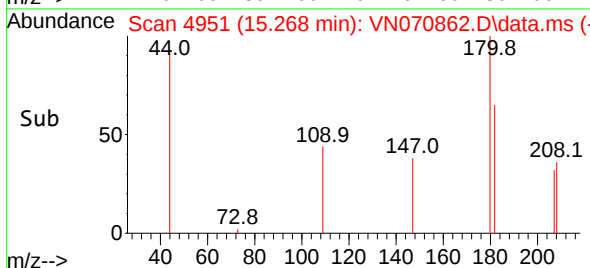
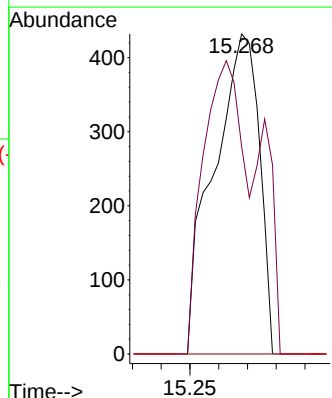
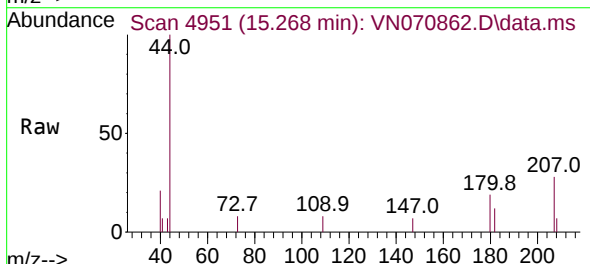
Instrument :
MSVOA_N
ClientSampleId :
TES-2

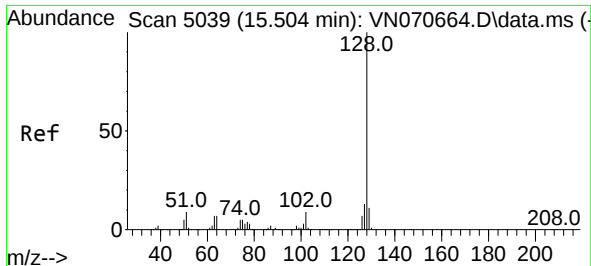
Tgt Ion: 75 Resp: 326578
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.475 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.005 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

Tgt Ion: 180 Resp: 476
Ion Ratio Lower Upper
180 100
182 81.5 48.3 144.9
145 0.0 14.5 43.5#

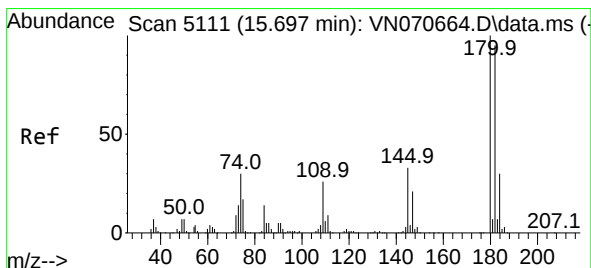
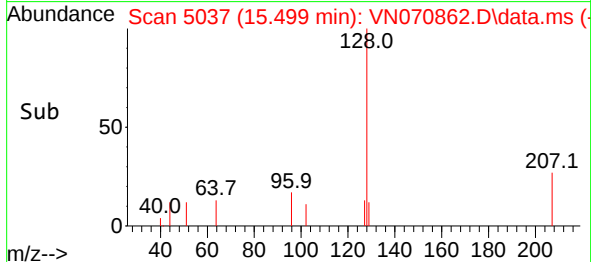
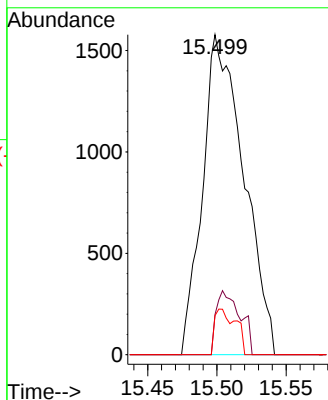
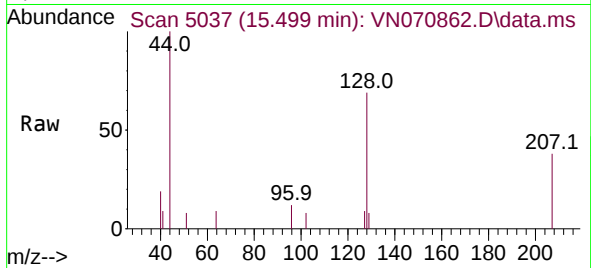




#95
Naphthalene
Concen: 5.066 ug/l
RT: 15.499 min Scan# 5037
Delta R.T. -0.005 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

Instrument :
MSVOA_N
ClientSampleId :
TES-2

Tgt Ion:128 Resp: 3256
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 7.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.263 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.005 min
Lab File: VN070862.D
Acq: 31 Jan 2022 19:31

Tgt Ion:180 Resp: 426
Ion Ratio Lower Upper
180 100
182 112.7 47.4 142.2
145 25.6 15.0 45.1

