

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070774.D
 Acq On : 25 Jan 2022 15:14
 Operator : JC/MD
 Sample : N1250-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jan 26 00:49:04 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)

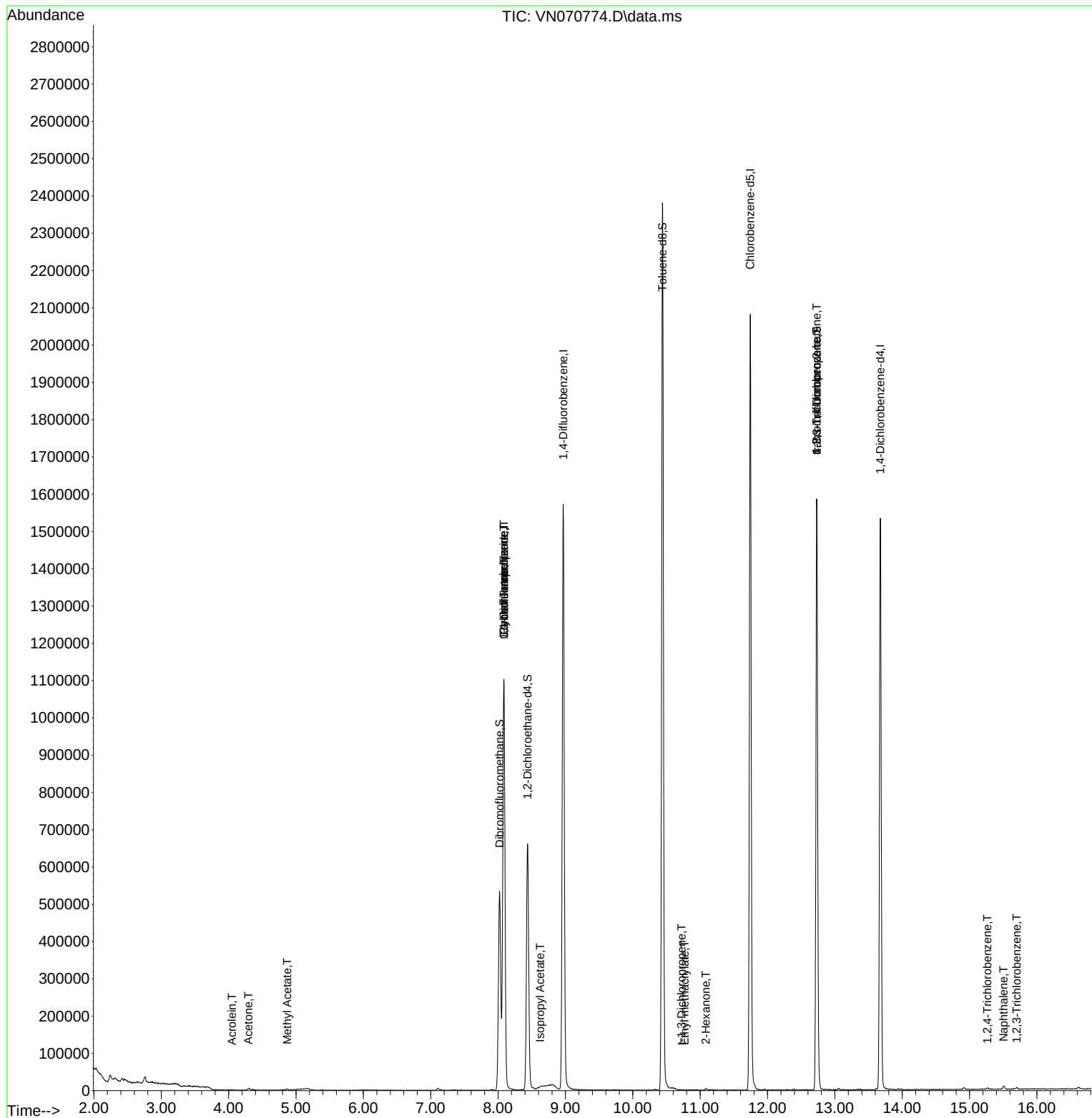
Internal Standards						
1) Pentafluorobenzene	8.086	168	837506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1340056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1187718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	420381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	577018	48.074	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.140%
35) Dibromofluoromethane	8.021	113	392514	47.220	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.440%
50) Toluene-d8	10.440	98	1648205	47.067	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.731	95	580810	46.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.100%
Target Compounds						
					Qvalue	
13) Acrolein	4.047	56	730	0.235	ug/l #	61
16) Acetone	4.293	43	5353	0.643	ug/l #	87
18) Methyl Acetate	4.870	43	4915	0.300	ug/l #	54
30) Chloroform	7.820	83	79	Below Cal	#	51
31) Cyclohexane	8.086	56	19948	0.944	ug/l #	22
36) 1,1-Dichloropropene	8.088	75	69695	4.980	ug/l #	48
38) Carbon Tetrachloride	8.088	117	86296	6.932	ug/l #	16
43) Isopropyl Acetate	8.625	43	7173	0.253	ug/l #	55
53) t-1,3-Dichloropropene	10.722	75	24	2.405	ug/l #	23
56) Ethyl methacrylate	10.770	69	106	2.307	ug/l #	1
59) 2-Hexanone	11.084	43	3191	0.243	ug/l	95
76) 1,2,3-Trichloropropane	12.731	75	308938	27.708	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	308938	82.548	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	1304	3.582	ug/l #	80
95) Naphthalene	15.504	128	8592	5.304	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.700	180	2025	3.471	ug/l #	56

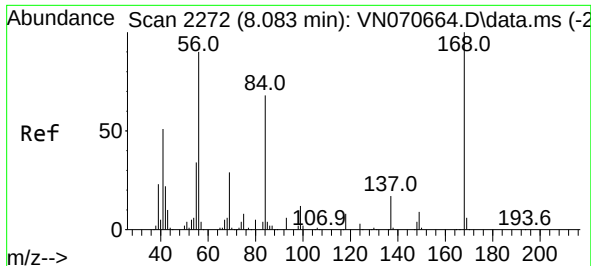
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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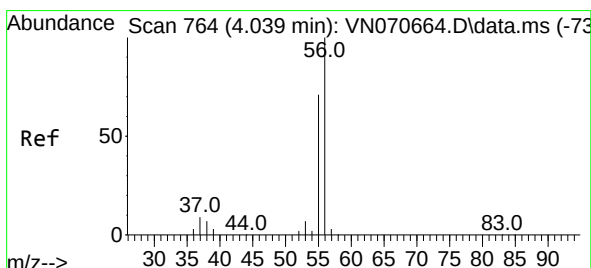
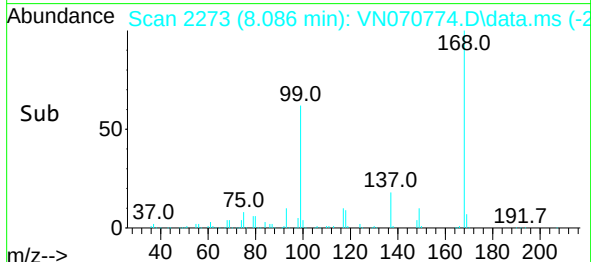
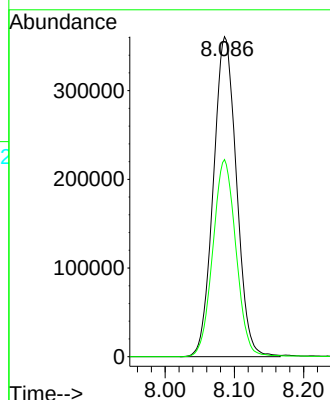
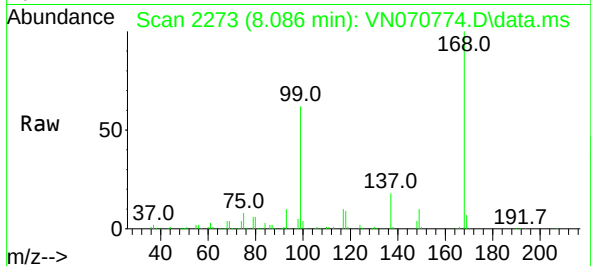




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

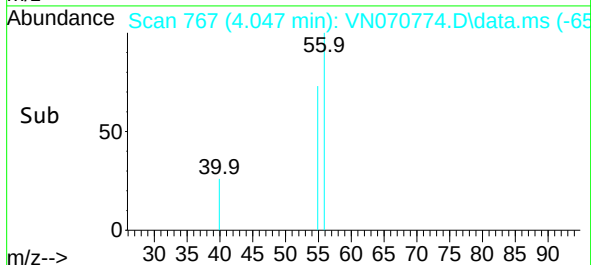
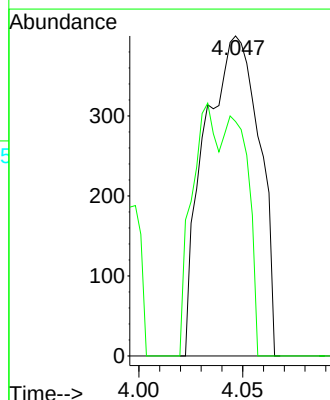
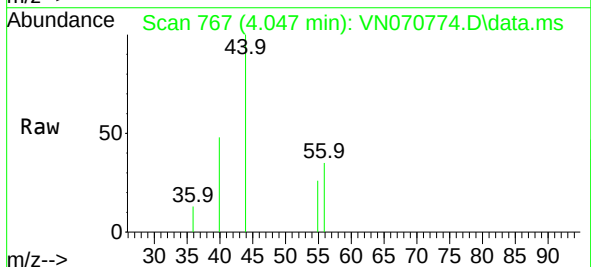
Instrument :
MSVOA_N
ClientSampleId :
MW-2

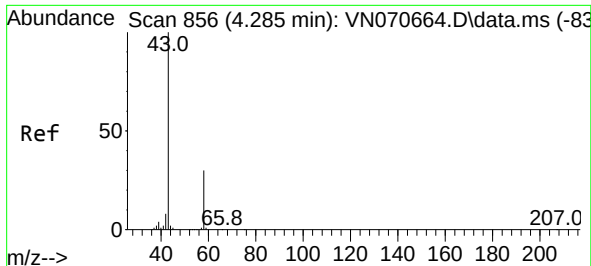
Tgt Ion:168 Resp: 837506
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#13
Acrolein
Concen: 0.235 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.008 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 56 Resp: 730
Ion Ratio Lower Upper
56 100
55 38.6 56.6 85.0#

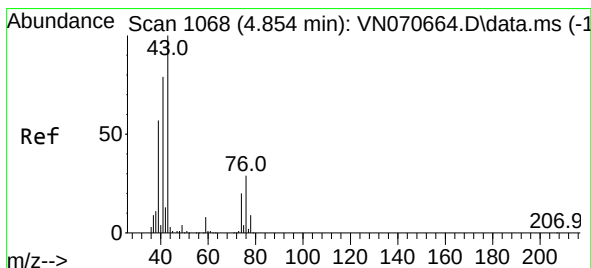
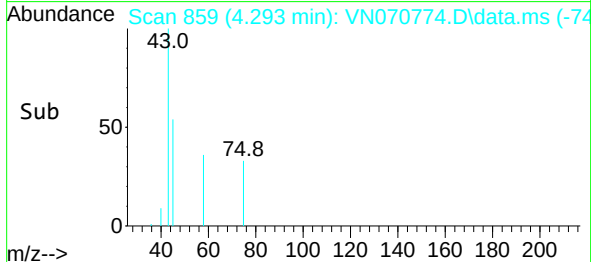
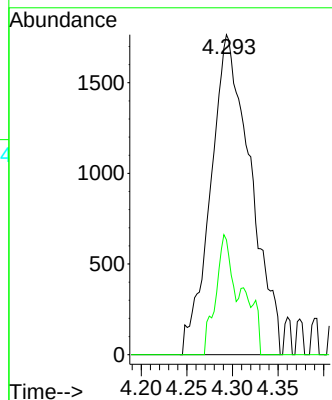
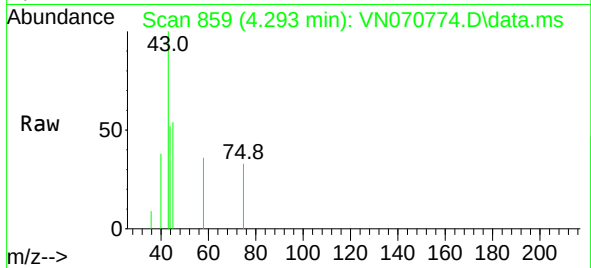




#16
Acetone
Concen: 0.643 ug/l
RT: 4.293 min Scan# 856
Delta R.T. 0.008 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

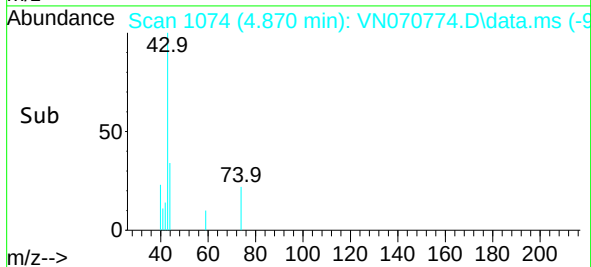
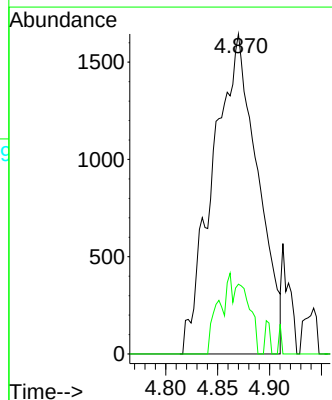
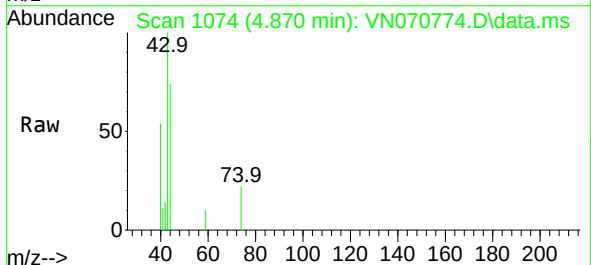
Instrument :
MSVOA_N
ClientSampleId :
MW-2

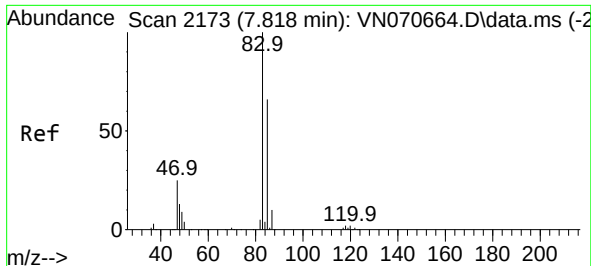
Tgt Ion: 43 Resp: 5353
Ion Ratio Lower Upper
43 100
58 35.9 23.1 34.7#



#18
Methyl Acetate
Concen: 0.300 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.016 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 43 Resp: 4915
Ion Ratio Lower Upper
43 100
74 1.5 19.4 29.2#





#30

Chloroform

Concen: Below Cal

RT: 7.820 min Scan# 2173

Delta R.T. 0.002 min

Lab File: VN070774.D

Acq: 25 Jan 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

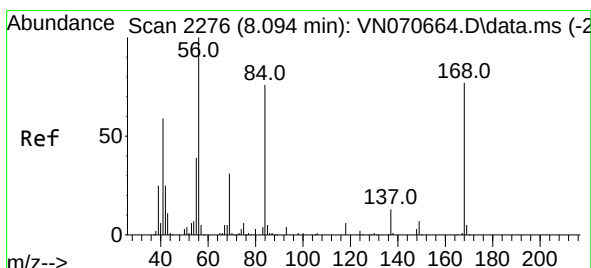
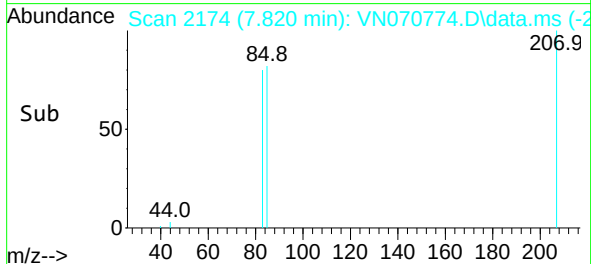
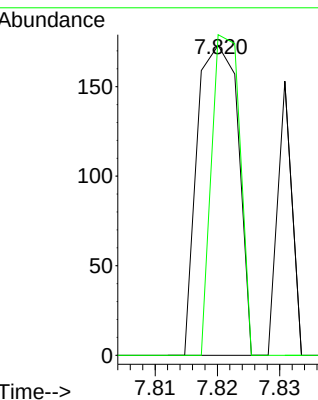
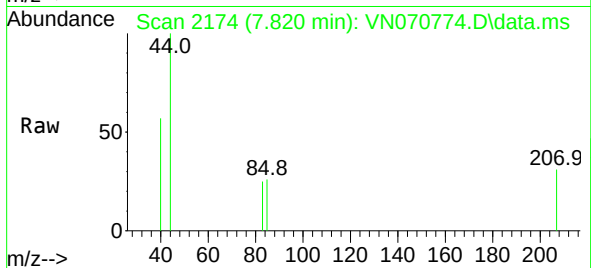
MW-2

Tgt Ion: 83 Resp: 79

Ion Ratio Lower Upper

83 100

85 103.5 51.9 77.9#



#31

Cyclohexane

Concen: 0.944 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN070774.D

Acq: 25 Jan 2022 15:14

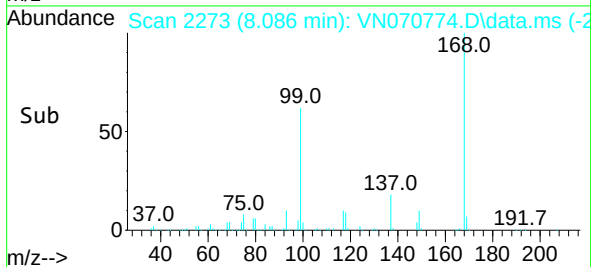
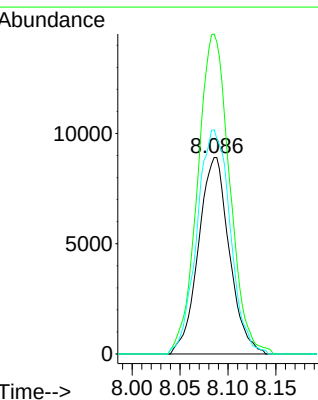
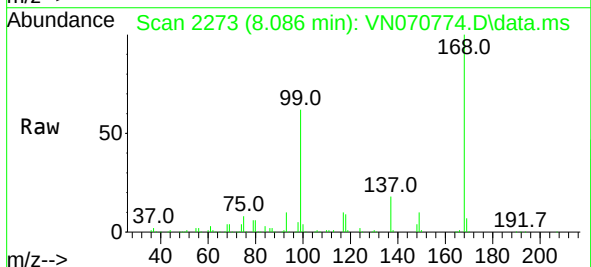
Tgt Ion: 56 Resp: 19948

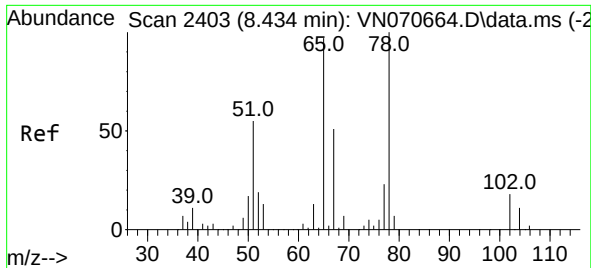
Ion Ratio Lower Upper

56 100

69 162.9 27.1 40.7#

84 114.1 73.4 110.0#

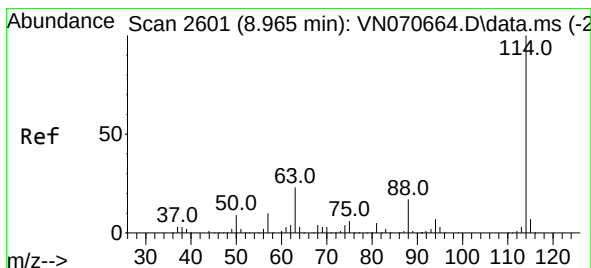
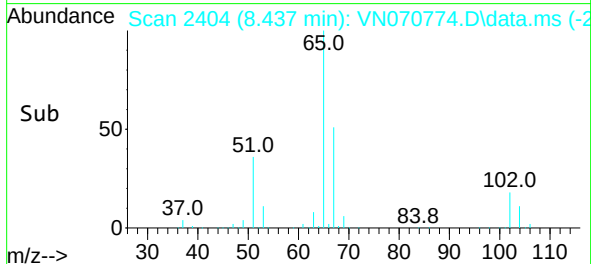
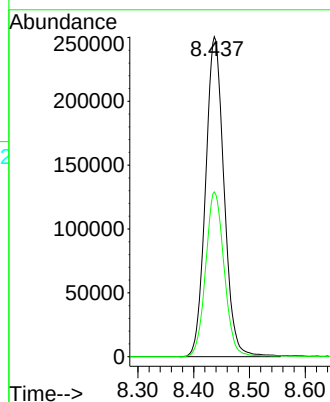
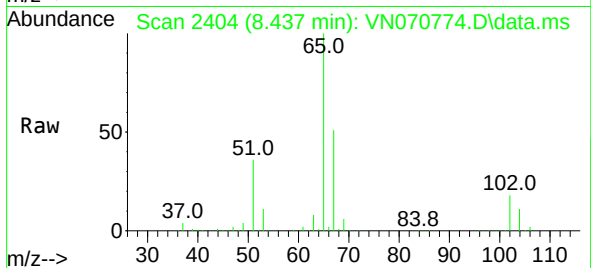




#33
 1,2-Dichloroethane-d4
 Concen: 48.074 ug/l
 RT: 8.437 min Scan# 2403
 Delta R.T. 0.003 min
 Lab File: VN070774.D
 Acq: 25 Jan 2022 15:14

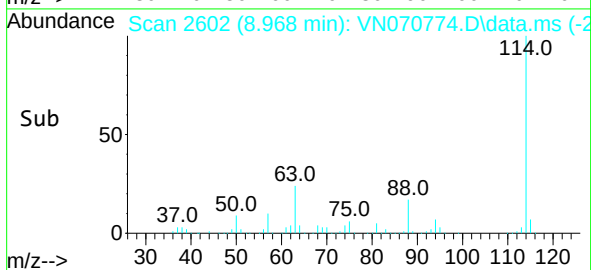
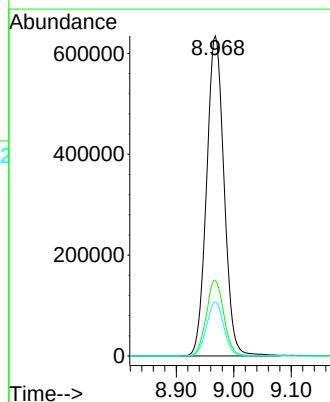
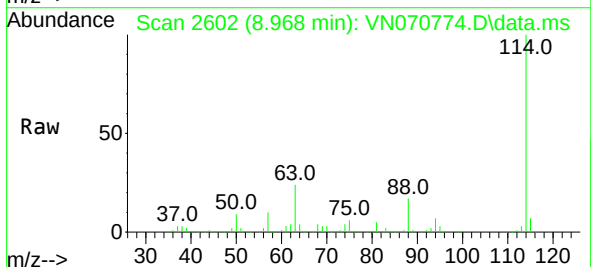
Instrument :
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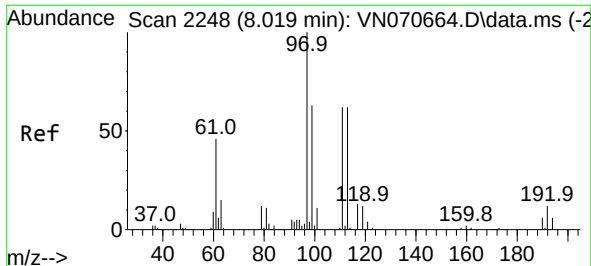
Tgt Ion: 65 Resp: 577018
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.003 min
 Lab File: VN070774.D
 Acq: 25 Jan 2022 15:14

Tgt Ion: 114 Resp: 1340056
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 37.8
 88 16.9 0.0 27.4

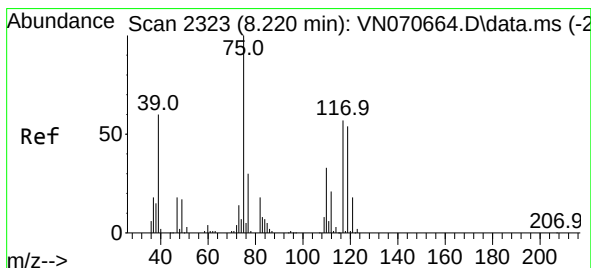
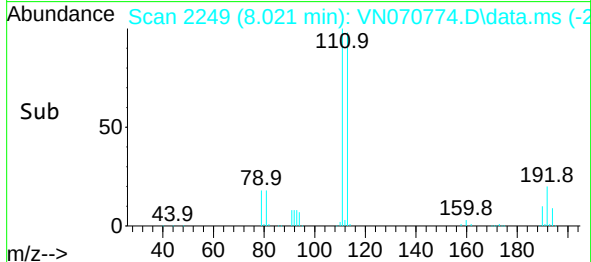
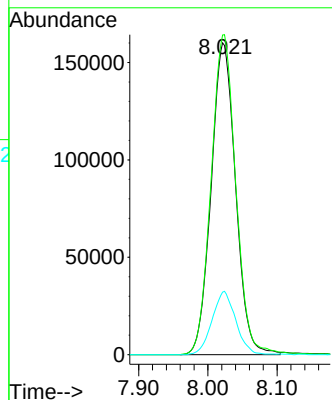
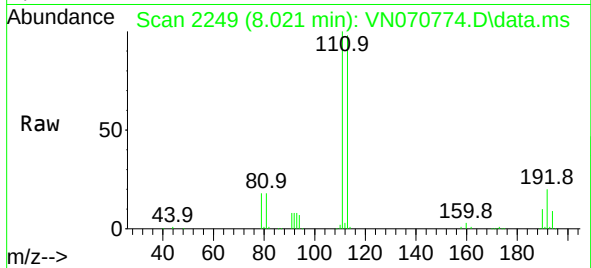




#35
Dibromofluoromethane
Concen: 47.220 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

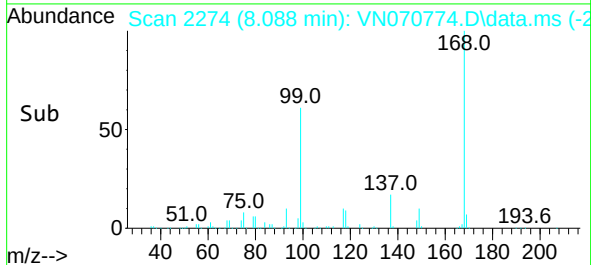
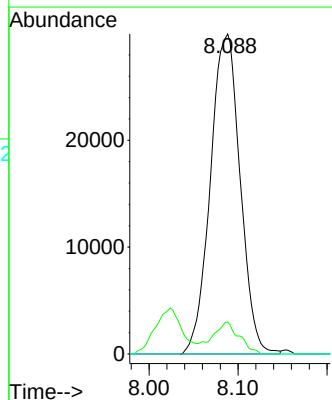
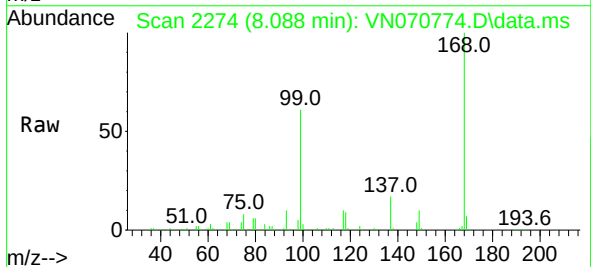
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ClientSampleId :
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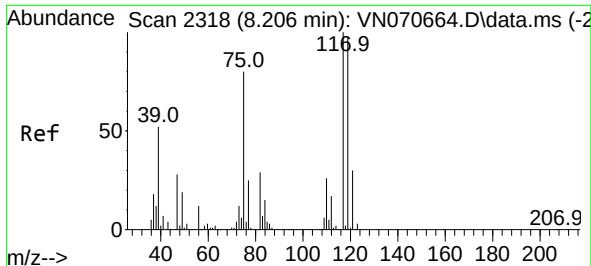
Tgt Ion: 113 Resp: 392514
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.980 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.132 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 75 Resp: 69695
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 24.4 36.6#

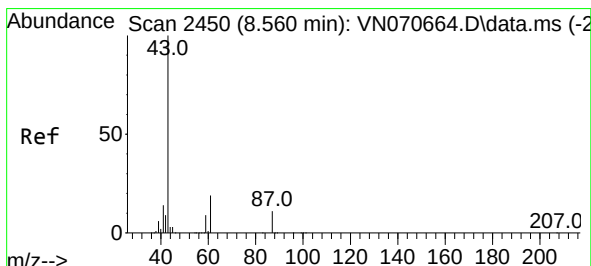
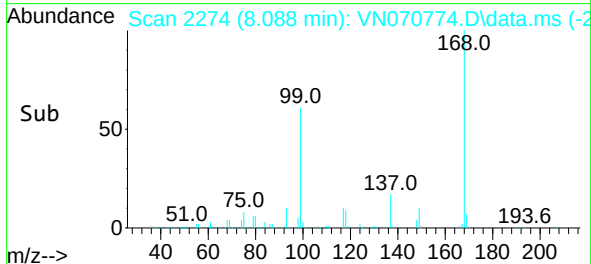
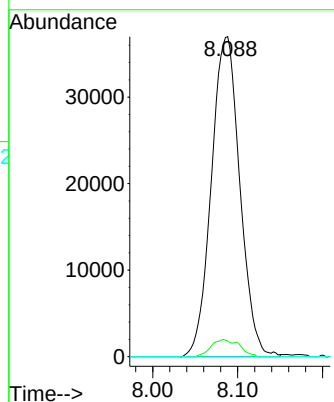
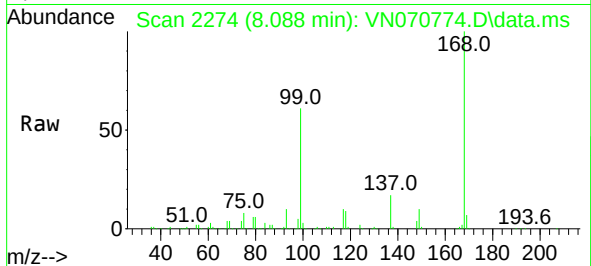




#38
Carbon Tetrachloride
Concen: 6.932 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.118 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

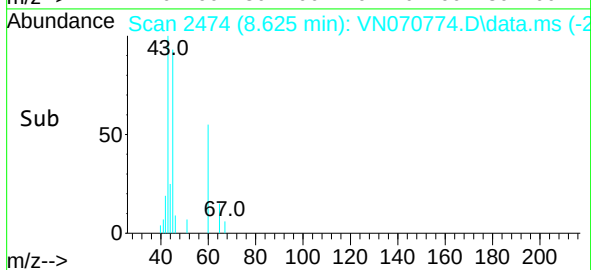
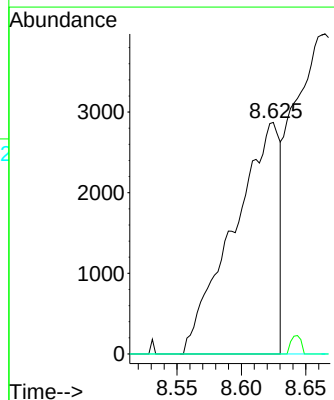
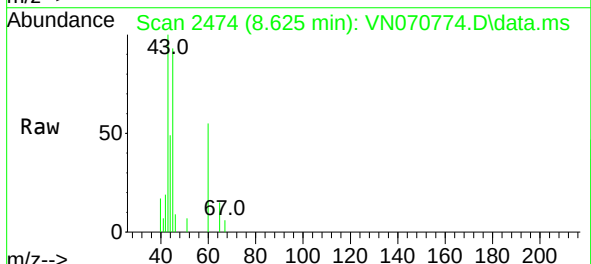
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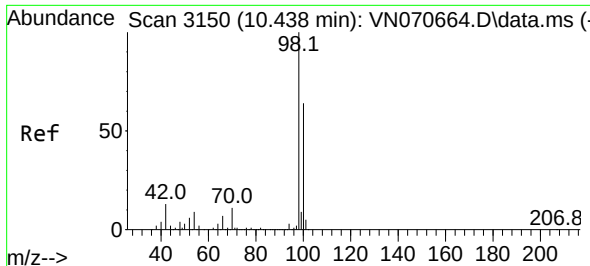
Tgt Ion:117 Resp: 86296
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.253 ug/l
RT: 8.625 min Scan# 2474
Delta R.T. 0.065 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 43 Resp: 7173
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

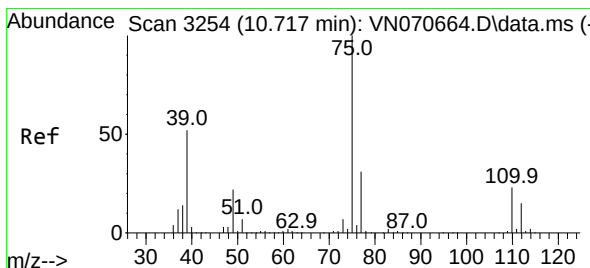
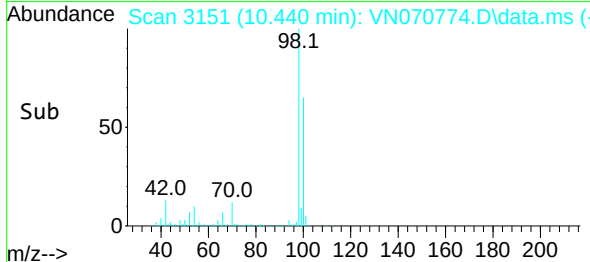
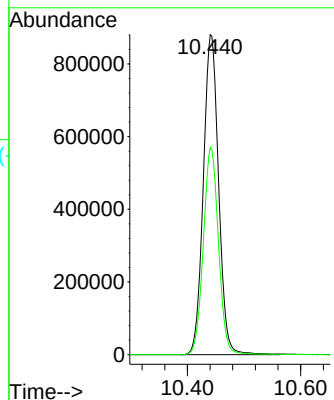
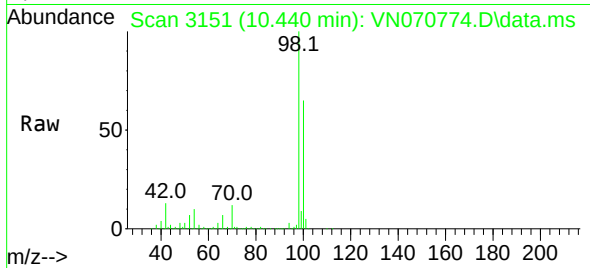




#50
Toluene-d8
Concen: 47.067 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

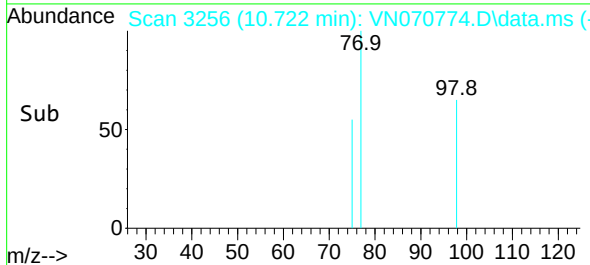
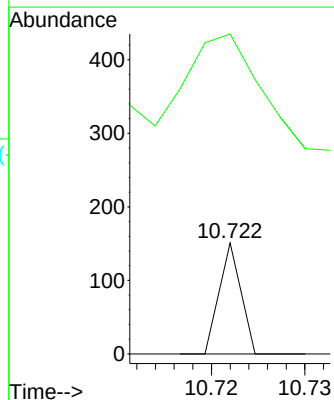
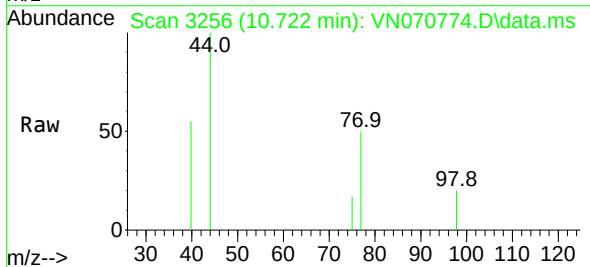
Instrument :
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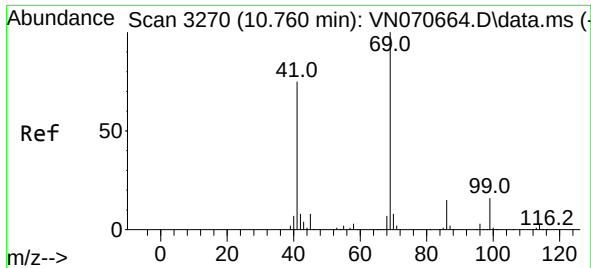
Tgt Ion: 98 Resp: 1648205
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.405 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.005 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
77 74.8 25.6 38.4#

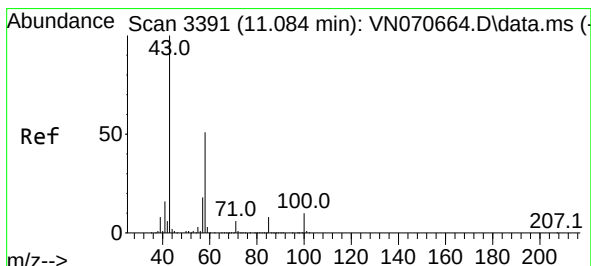
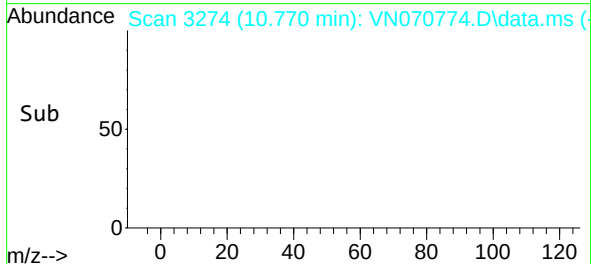
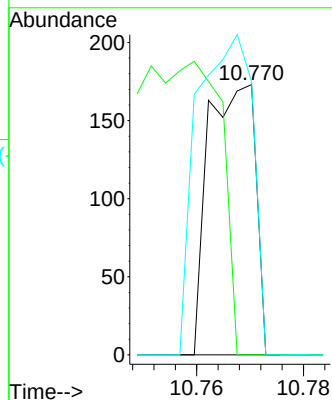
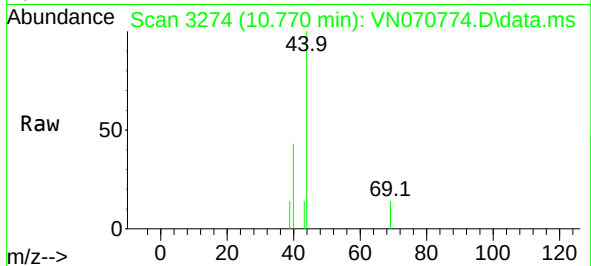




#56
Ethyl methacrylate
Concen: 2.307 ug/l
RT: 10.770 min Scan# 31
Delta R.T. 0.010 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

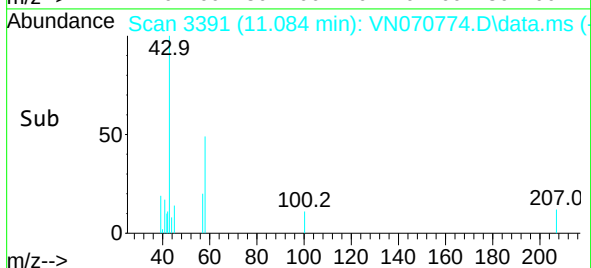
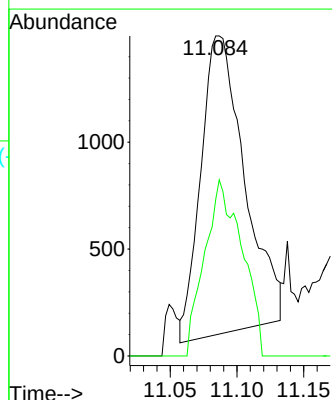
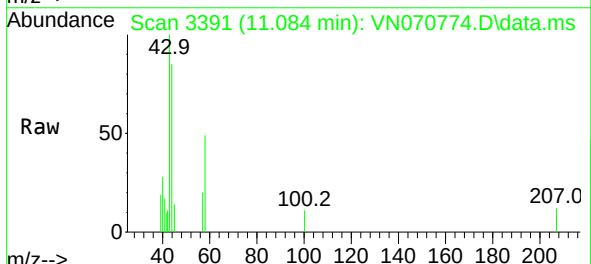
Instrument :
MSVOA_N
ClientSampleId :
MW-2

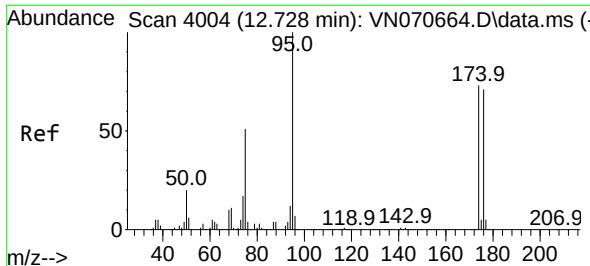
Tgt Ion: 69 Resp: 106
Ion Ratio Lower Upper
69 100
41 186.8 51.4 77.0#
39 138.7 34.6 52.0#



#59
2-Hexanone
Concen: 0.243 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 43 Resp: 3191
Ion Ratio Lower Upper
43 100
58 50.2 26.9 80.7

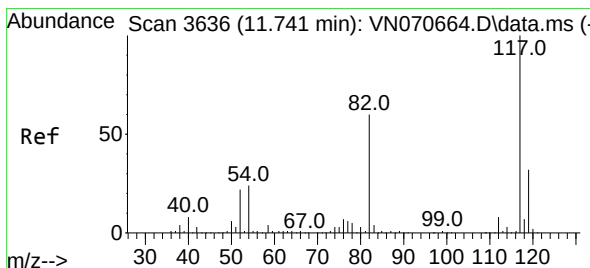
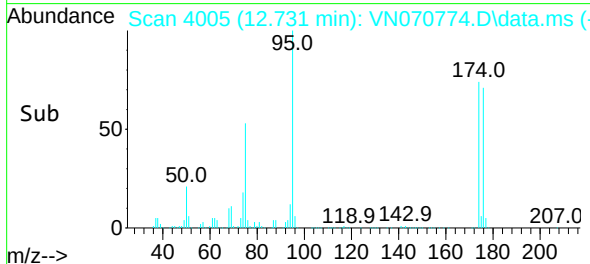
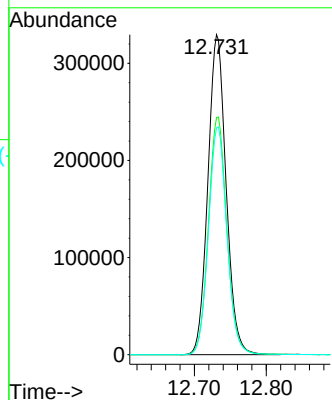
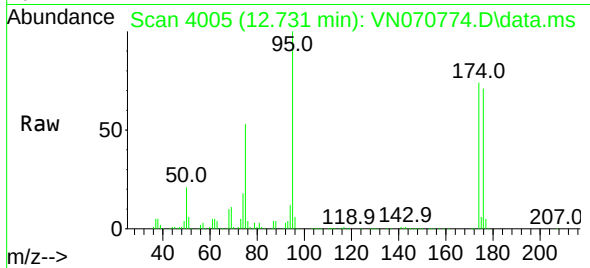




#62
4-Bromofluorobenzene
Concen: 46.545 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

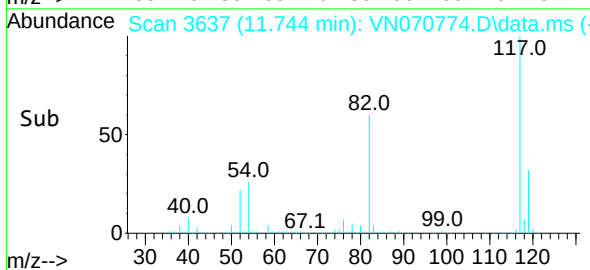
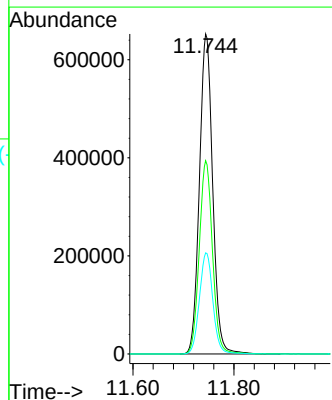
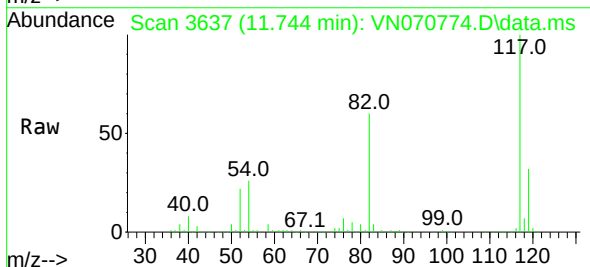
Instrument :
MSVOA_N
ClientSampleId :
MW-2

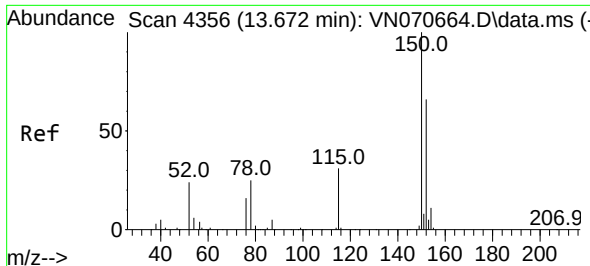
Tgt Ion: 95 Resp: 580810
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 71.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 117 Resp: 1187718
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 31.6 25.4 38.2

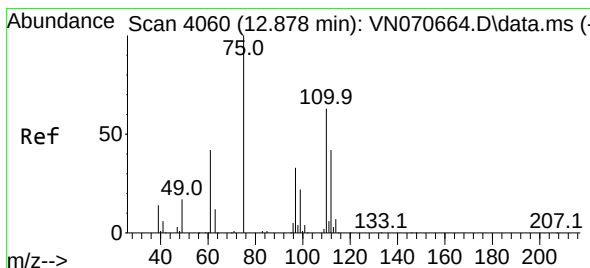
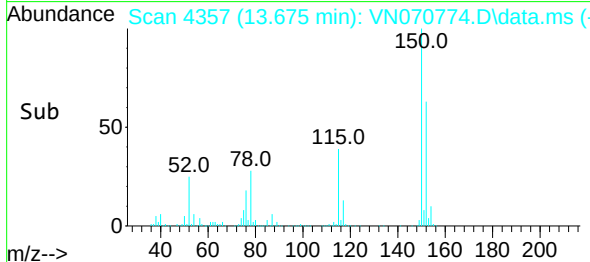
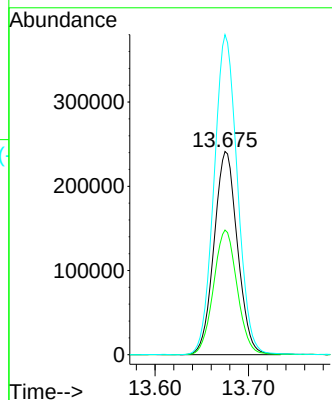
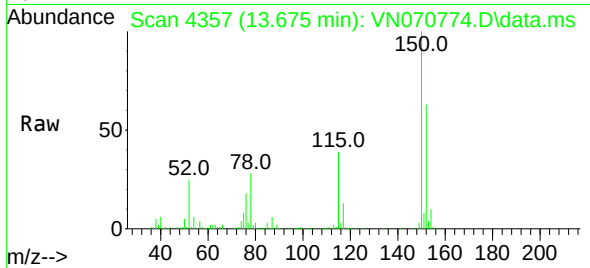




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

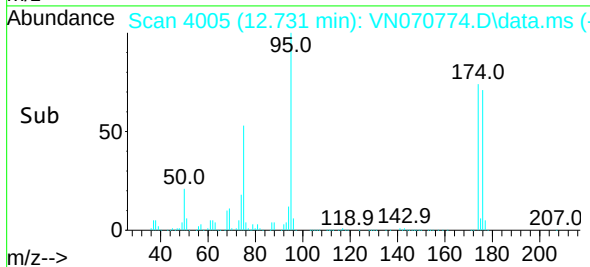
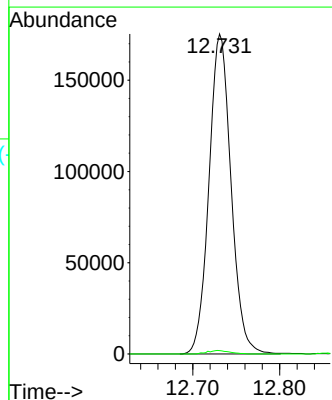
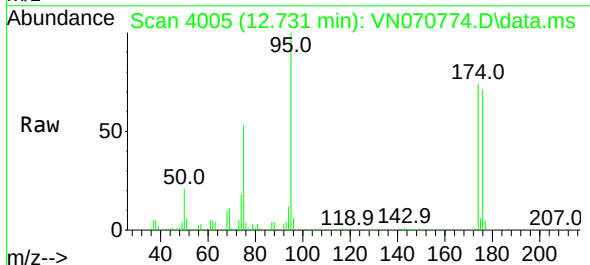
Instrument :
MSVOA_N
ClientSampleId :
MW-2

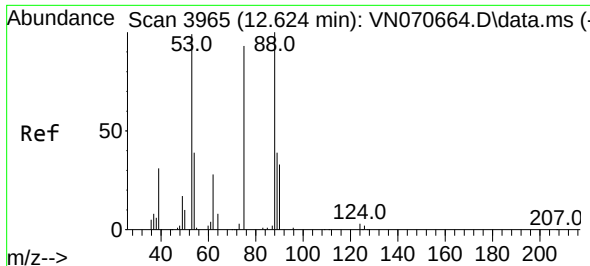
Tgt Ion:152 Resp: 420381
Ion Ratio Lower Upper
152 100
115 62.2 27.5 82.5
150 157.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 27.708 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 75 Resp: 308938
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

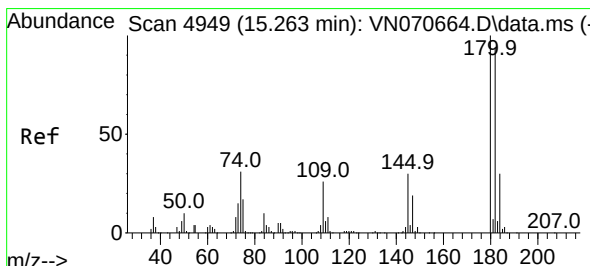
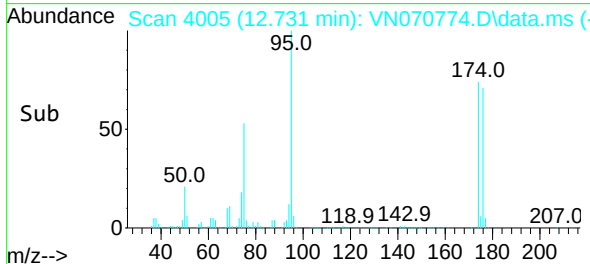
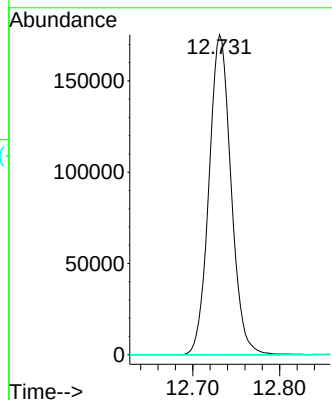
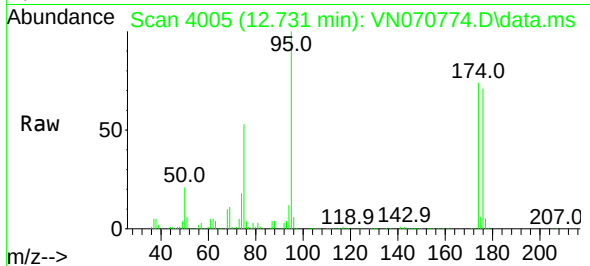




#81
trans-1,4-Dichloro-2-butene
Concen: 82.548 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

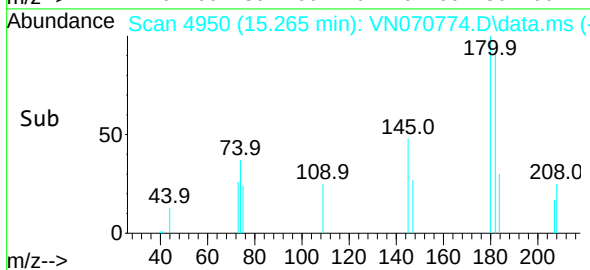
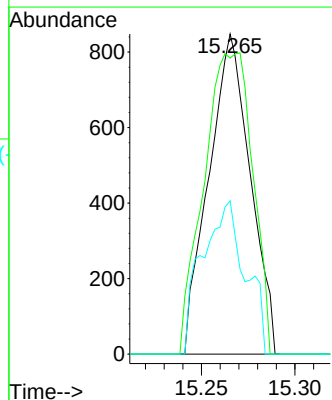
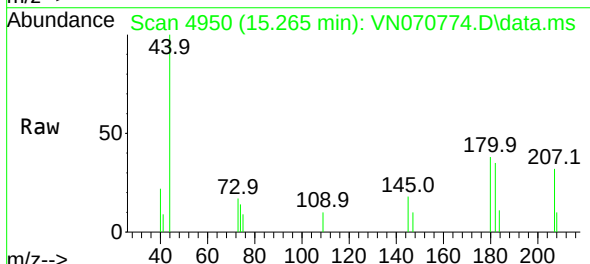
Instrument :
MSVOA_N
ClientSampleId :
MW-2

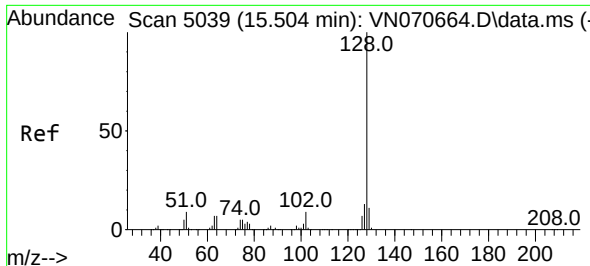
Tgt Ion: 75 Resp: 308938
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.582 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.002 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 180 Resp: 1304
Ion Ratio Lower Upper
180 100
182 111.0 48.3 144.9
145 49.8 14.5 43.5#

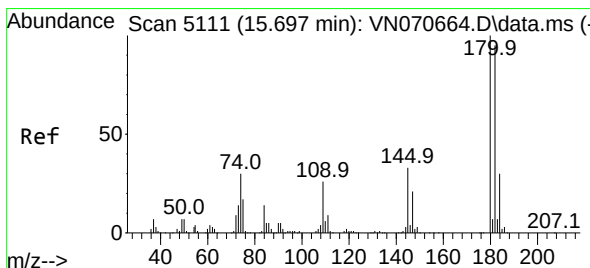
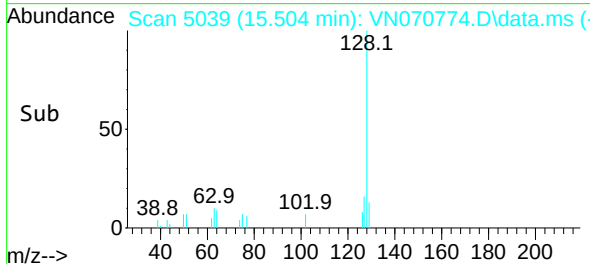
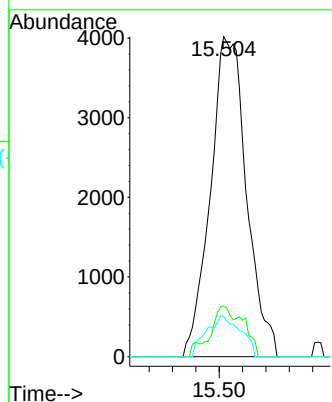
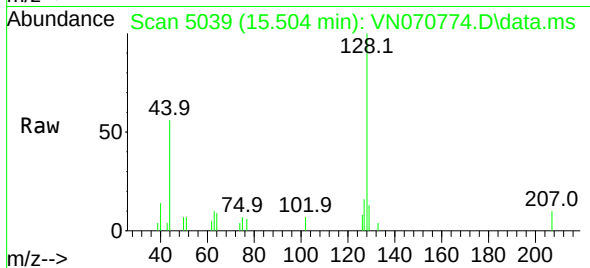




#95
Naphthalene
Concen: 5.304 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:128 Resp: 8592
Ion Ratio Lower Upper
128 100
127 6.1 10.5 15.7#
129 12.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.471 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion:180 Resp: 2025
Ion Ratio Lower Upper
180 100
182 44.2 47.4 142.2#
145 19.8 15.0 45.1

