

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070820.D
 Acq On : 28 Jan 2022 11:18
 Operator : JC/MD
 Sample : VN0128WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBL01

Quant Time: Jan 28 23:15:14 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	768467	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1268223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1157489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	456811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	564840	51.287	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.580%
35) Dibromofluoromethane	8.021	113	376215	47.823	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.640%
50) Toluene-d8	10.440	98	1563304	47.171	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.340%
62) 4-Bromofluorobenzene	12.731	95	595871	50.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.920%

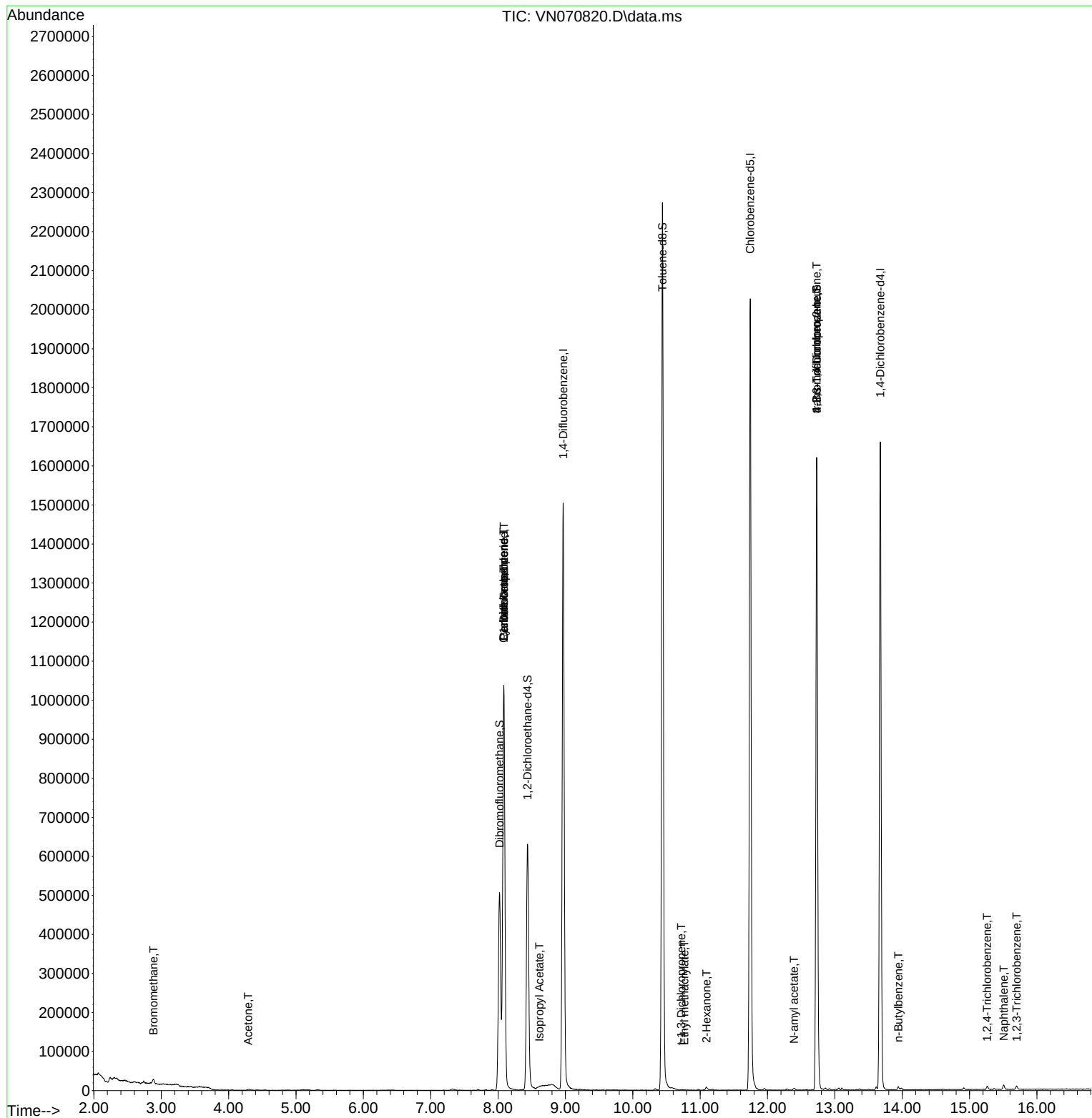
Target Compounds					Qvalue
5) Bromomethane	2.885	94	9201	1.431	ug/l 85
16) Acetone	4.291	43	2797	0.366	ug/l 93
30) Chloroform	7.817	83	825	Below Cal	94
31) Cyclohexane	8.083	56	17906	0.923	ug/l # 6
36) 1,1-Dichloropropene	8.083	75	66449	5.017	ug/l # 49
38) Carbon Tetrachloride	8.086	117	80604	6.841	ug/l # 18
43) Isopropyl Acetate	8.614	43	7940	0.296	ug/l # 55
53) t-1,3-Dichloropropene	10.719	75	513	2.434	ug/l 98
56) Ethyl methacrylate	10.765	69	544	2.330	ug/l # 37
59) 2-Hexanone	11.095	43	7009	0.563	ug/l 98
74) N-amyl acetate	12.393	43	3912	0.221	ug/l # 84
76) 1,2,3-Trichloropropane	12.731	75	322491	26.617	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.731	75	322491	79.298	ug/l # 5
89) n-Butylbenzene	13.943	91	5523	0.206	ug/l # 82
93) 1,2,4-Trichlorobenzene	15.262	180	3255	3.784	ug/l 89
95) Naphthalene	15.507	128	10961	5.365	ug/l # 92
96) 1,2,3-Trichlorobenzene	15.700	180	3546	3.627	ug/l 92

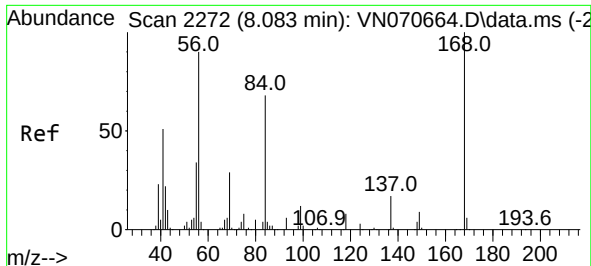
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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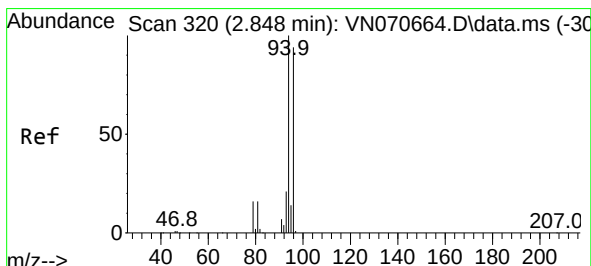
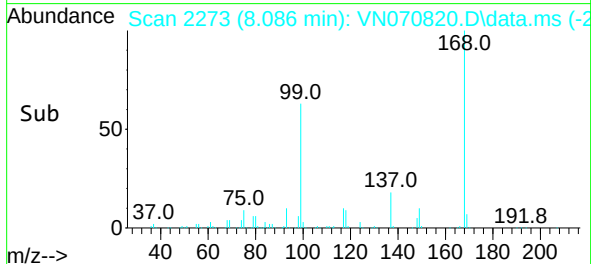
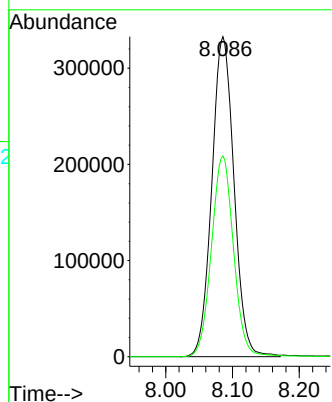
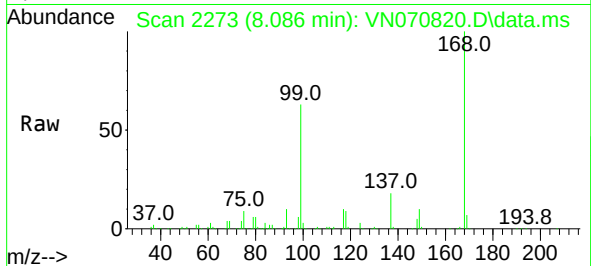




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

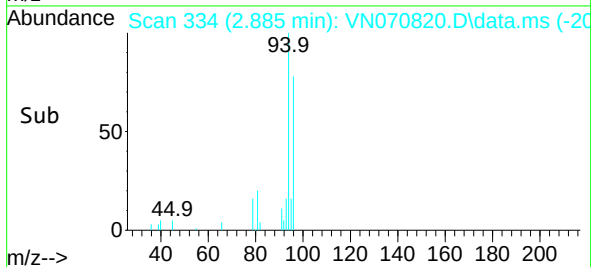
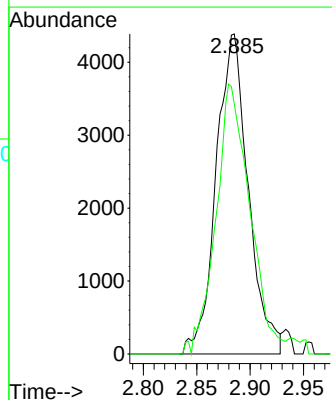
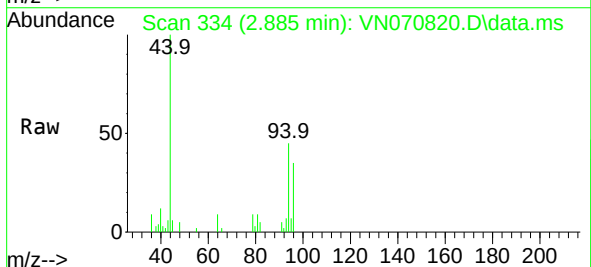
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

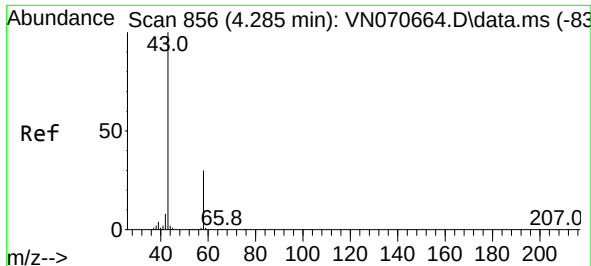
Tgt Ion:168 Resp: 768467
Ion Ratio Lower Upper
168 100
99 62.7 41.3 61.9#



#5
Bromomethane
Concen: 1.431 ug/l
RT: 2.885 min Scan# 334
Delta R.T. 0.037 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 94 Resp: 9201
Ion Ratio Lower Upper
94 100
96 78.2 73.8 110.8

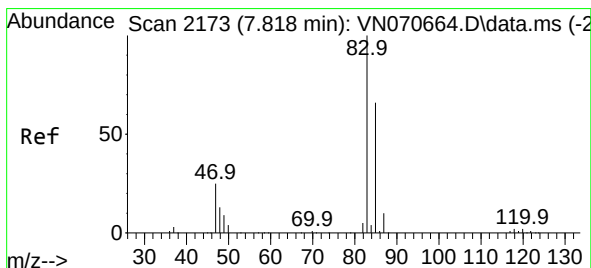
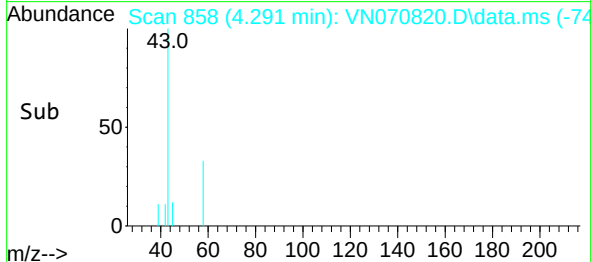
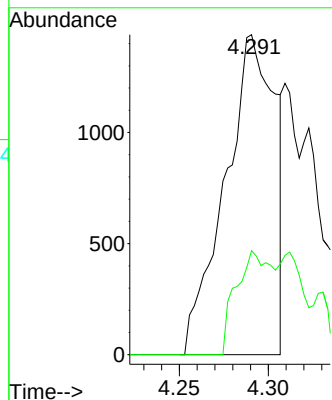
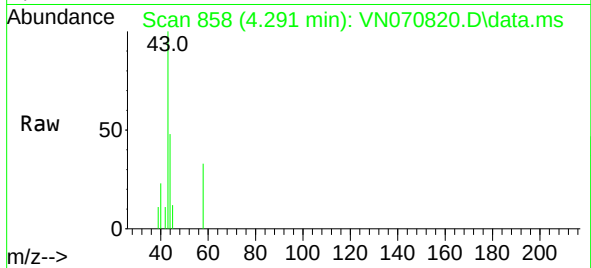




#16
Acetone
Concen: 0.366 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

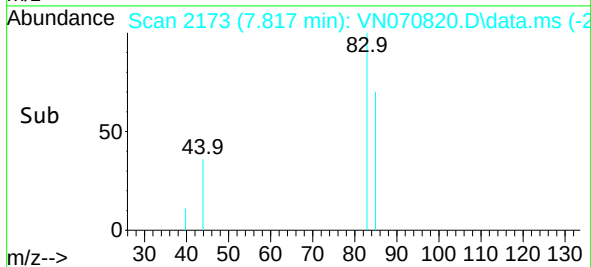
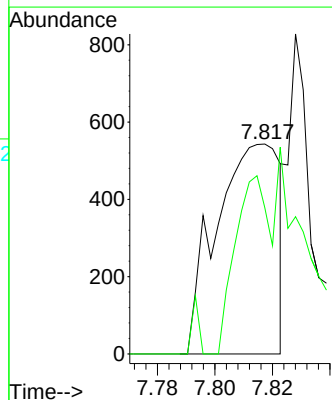
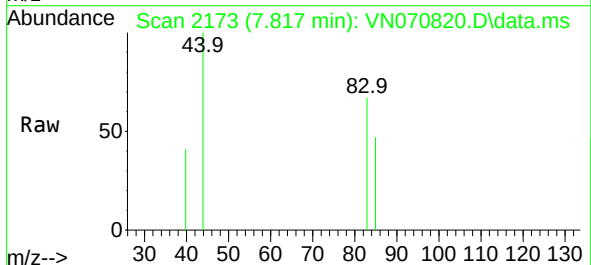
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ClientSampleId :
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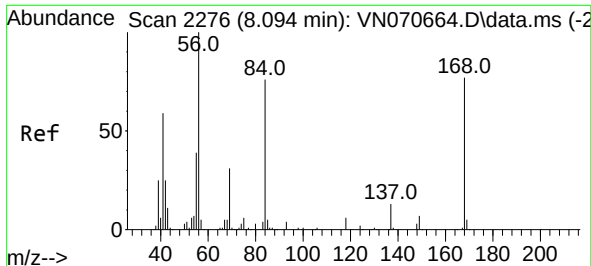
Tgt Ion: 43 Resp: 2797
Ion Ratio Lower Upper
43 100
58 32.5 23.1 34.7



#30
Chloroform
Concen: Below Cal
RT: 7.817 min Scan# 2173
Delta R.T. -0.001 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 83 Resp: 825
Ion Ratio Lower Upper
83 100
85 69.6 51.9 77.9

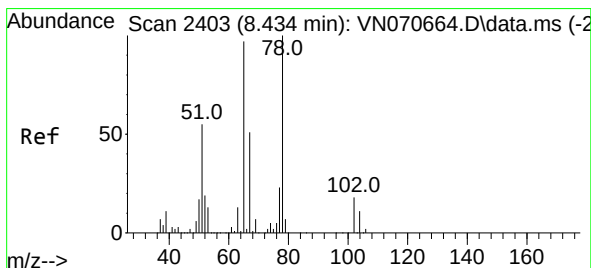
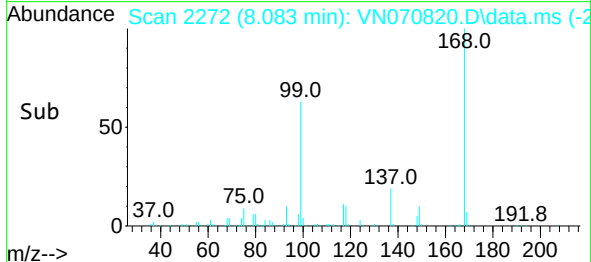
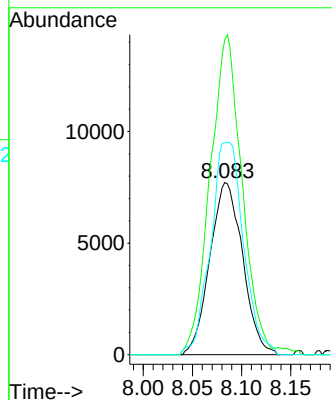
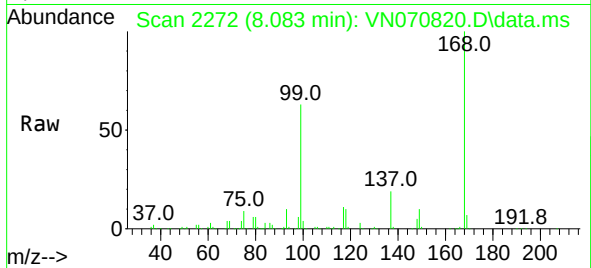




#31
Cyclohexane
Concen: 0.923 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

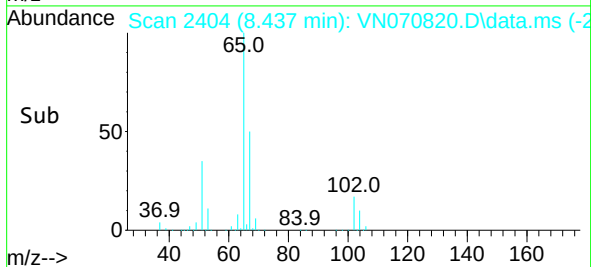
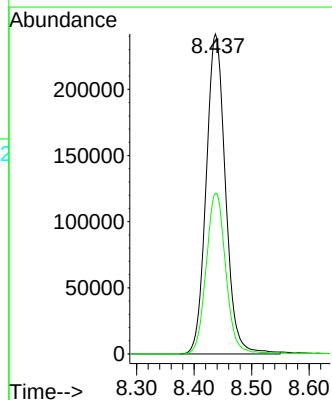
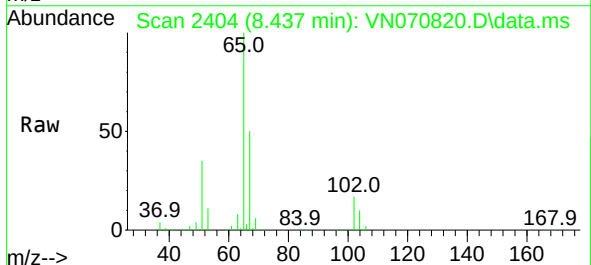
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

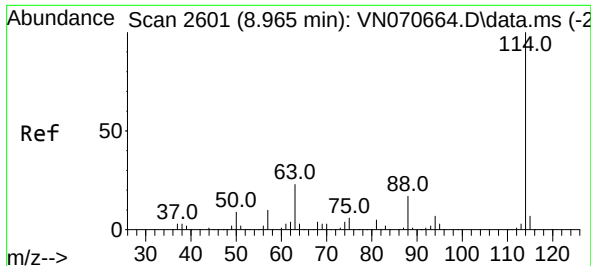
Tgt Ion: 56 Resp: 17906
Ion Ratio Lower Upper
56 100
69 182.8 27.1 40.7#
84 123.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.287 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 65 Resp: 564840
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

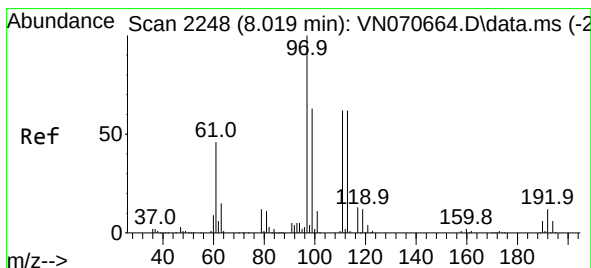
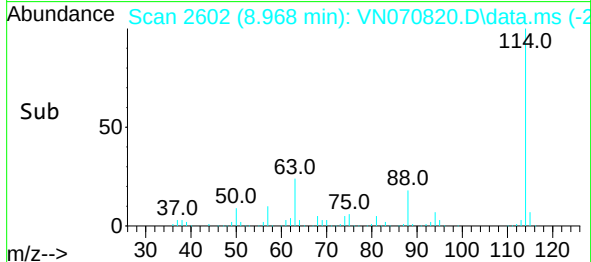
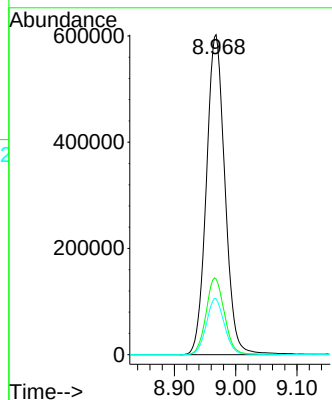
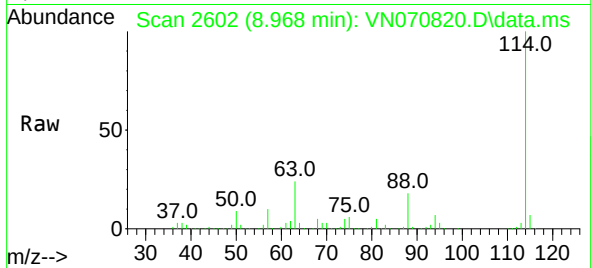




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

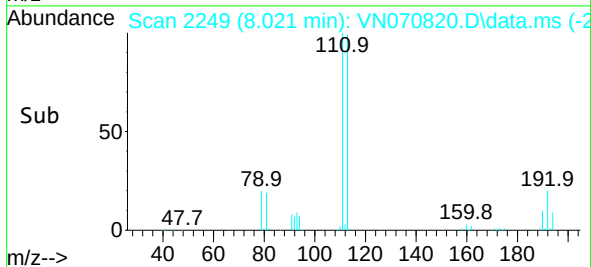
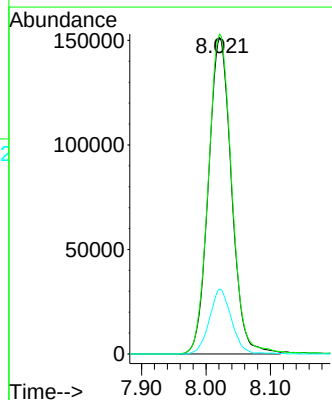
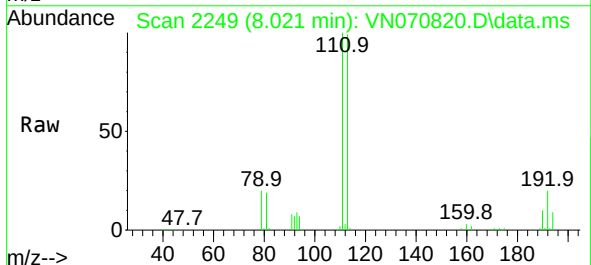
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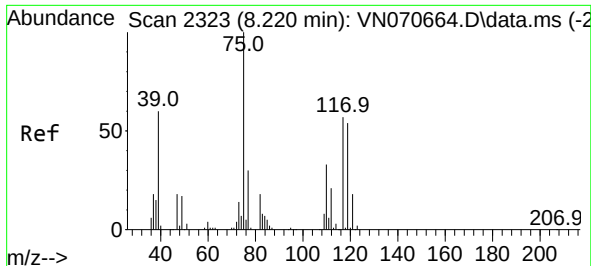
Tgt Ion:114 Resp: 1268223
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 17.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.823 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion:113 Resp: 376215
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.4 16.9 25.3

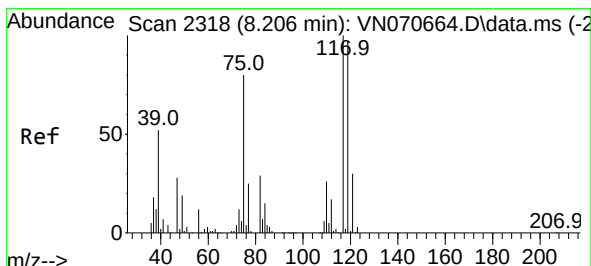
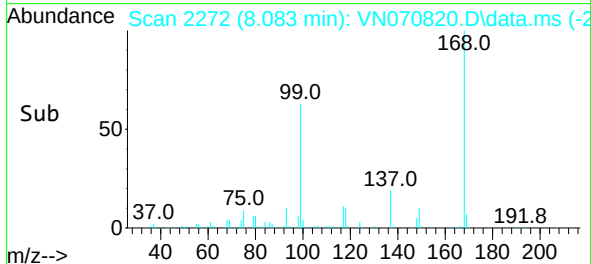
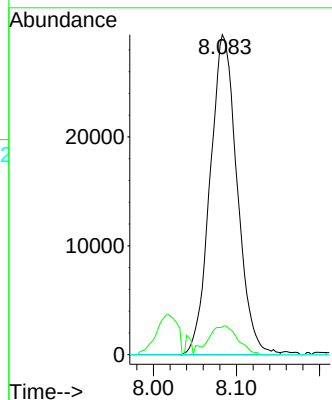
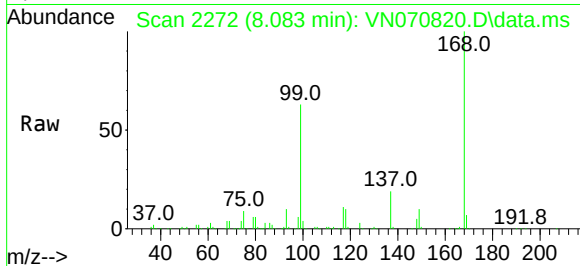




#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

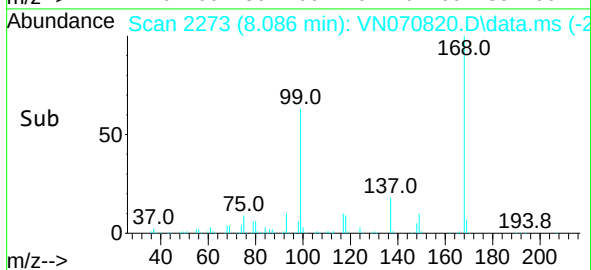
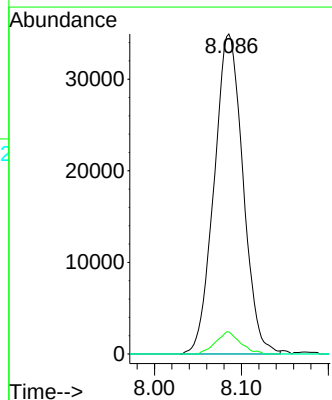
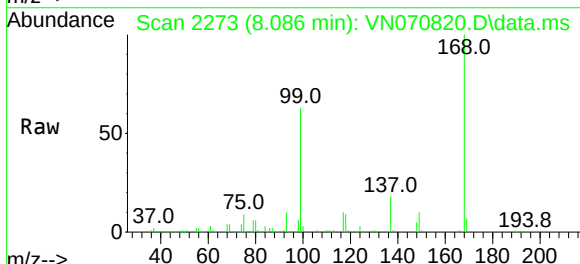
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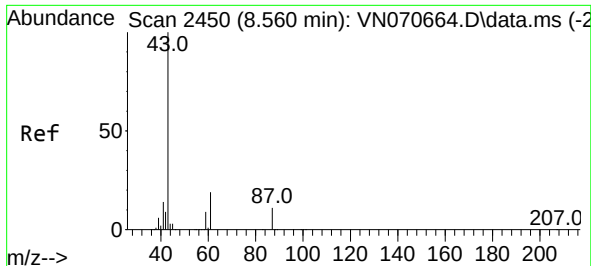
Tgt Ion: 75 Resp: 66449
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.841 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 117 Resp: 80604
Ion Ratio Lower Upper
117 100
119 6.9 76.1 114.1#
121 0.0 24.2 36.2#

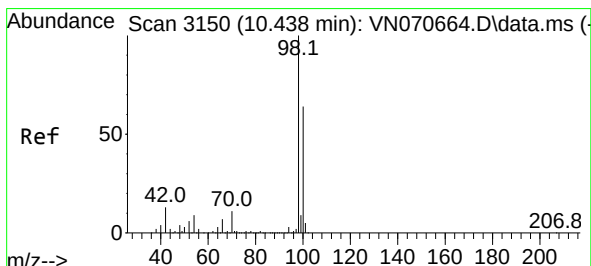
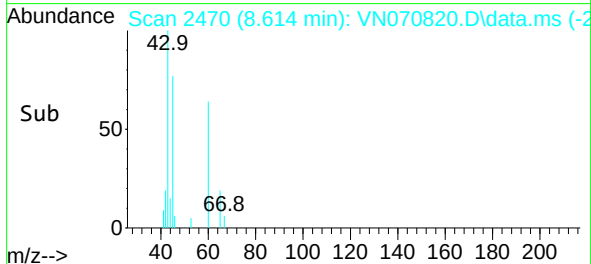
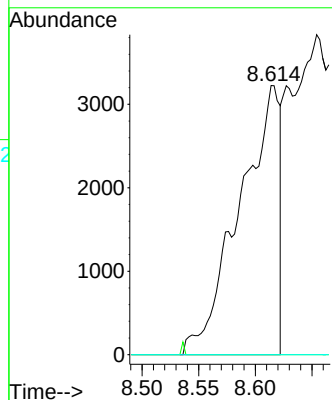
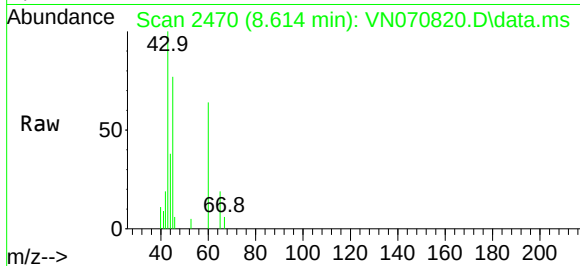




#43
Isopropyl Acetate
Concen: 0.296 ug/l
RT: 8.614 min Scan# 2450
Delta R.T. 0.054 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

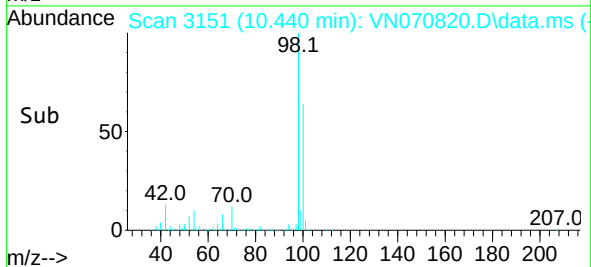
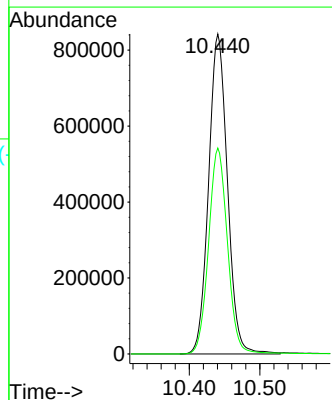
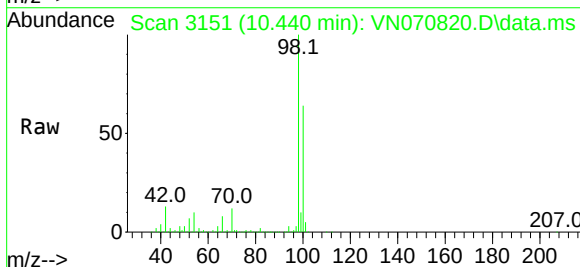
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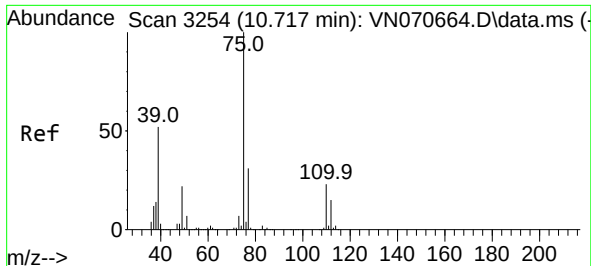
Tgt Ion: 43 Resp: 7940
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 47.171 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 98 Resp: 1563304
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

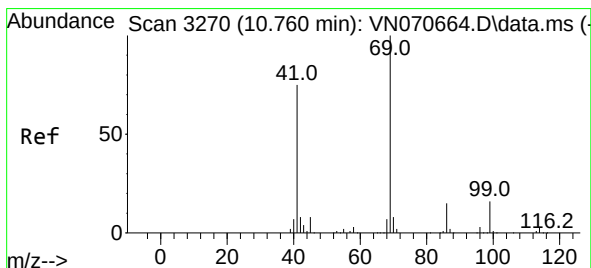
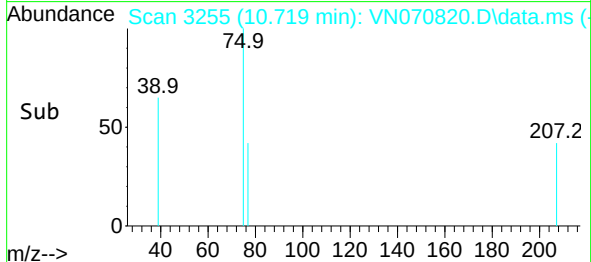
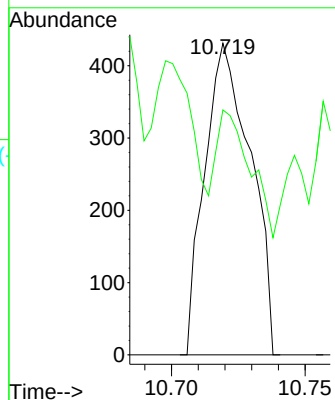
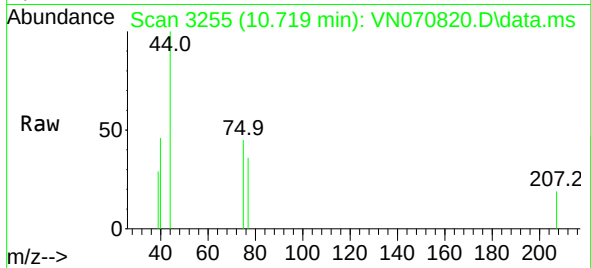




#53
t-1,3-Dichloropropene
Concen: 2.434 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

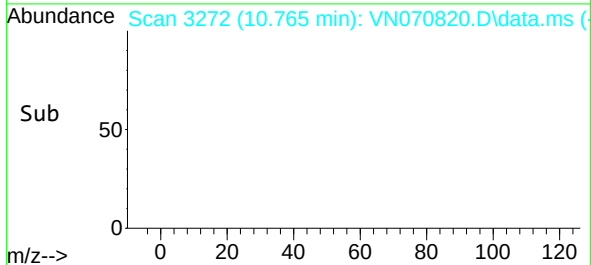
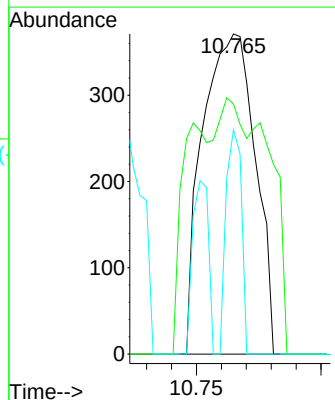
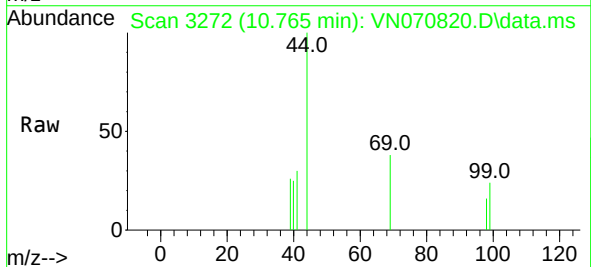
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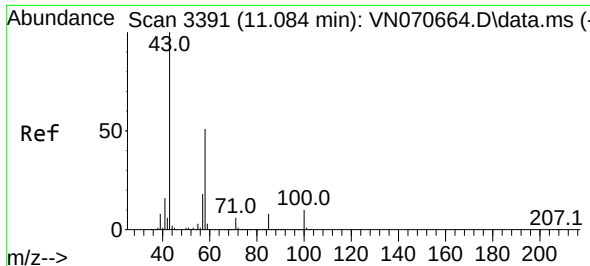
Tgt Ion: 75 Resp: 513
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4



#56
Ethyl methacrylate
Concen: 2.330 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.005 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 69 Resp: 544
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 20.6 34.6 52.0#

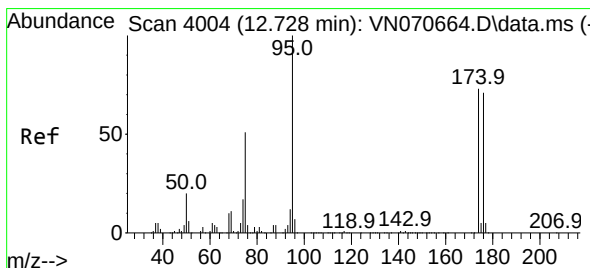
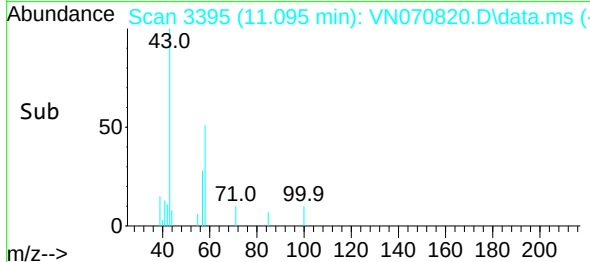
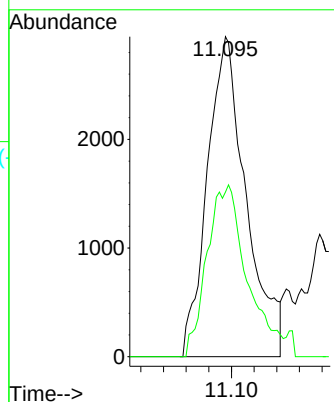
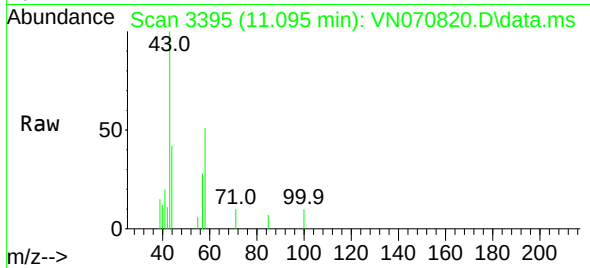




#59
2-Hexanone
Concen: 0.563 ug/l
RT: 11.095 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

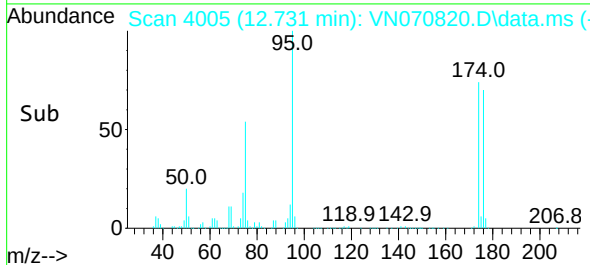
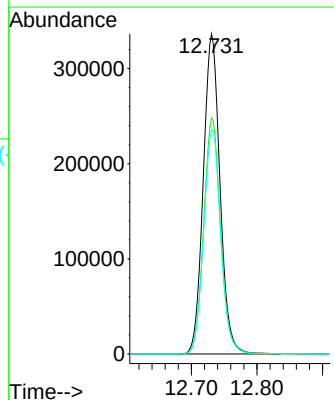
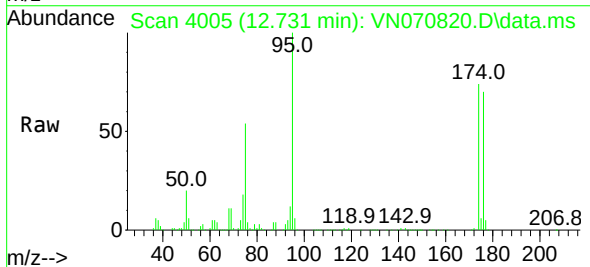
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

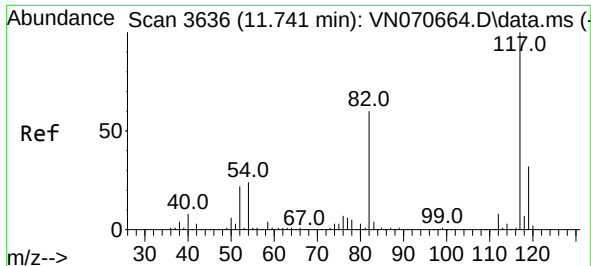
Tgt Ion: 43 Resp: 7009
Ion Ratio Lower Upper
43 100
58 55.3 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 50.457 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 95 Resp: 595871
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 71.6 0.0 181.4

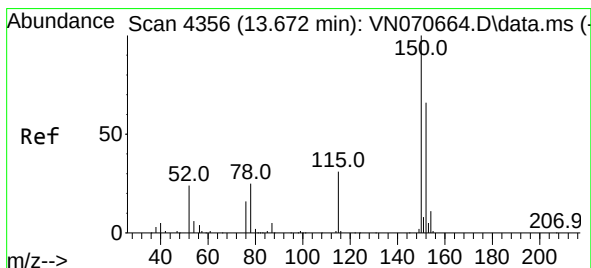
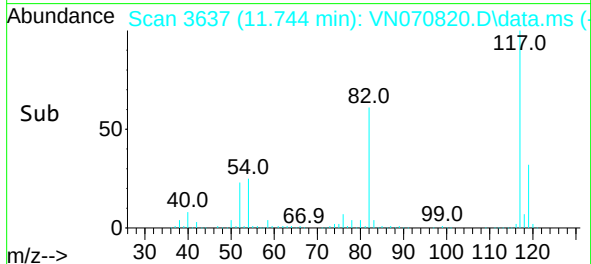
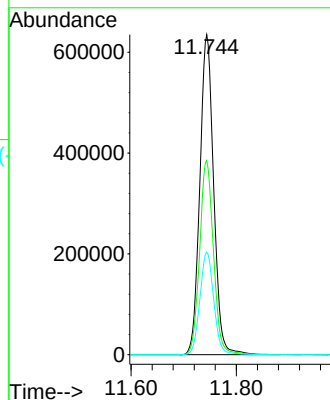
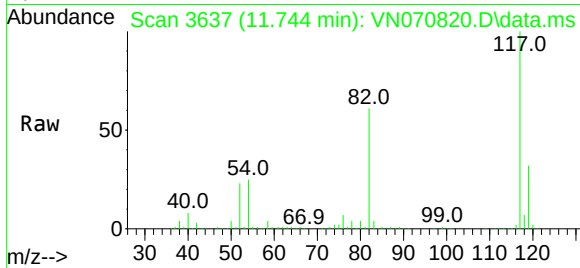




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

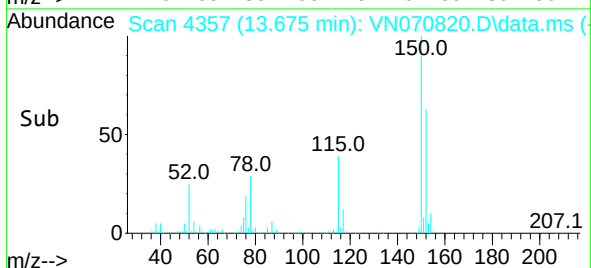
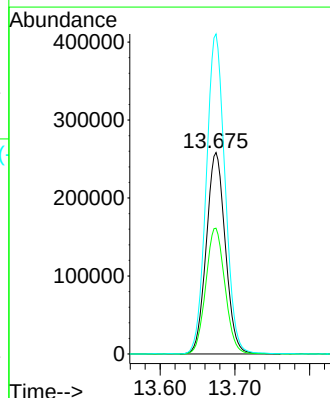
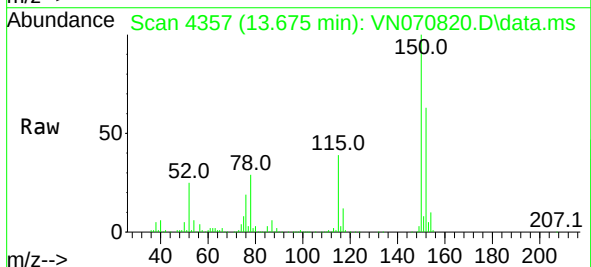
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

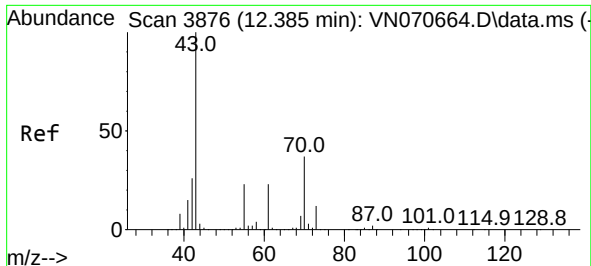
Tgt Ion:117 Resp: 1157489
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion:152 Resp: 456811
Ion Ratio Lower Upper
152 100
115 63.1 27.5 82.5
150 156.9 0.0 344.4

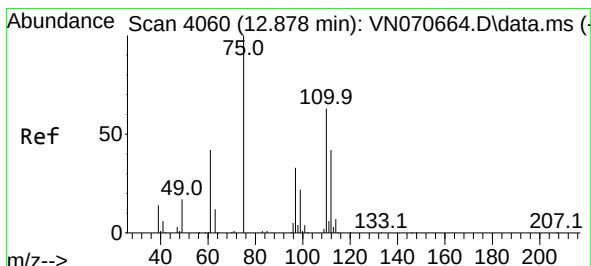
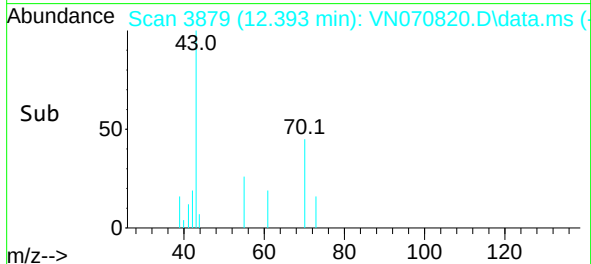
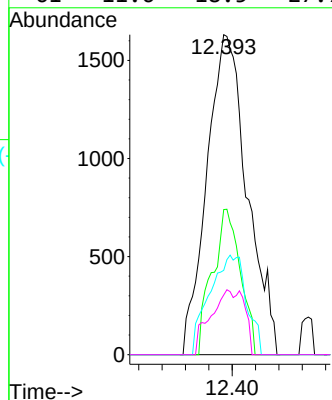
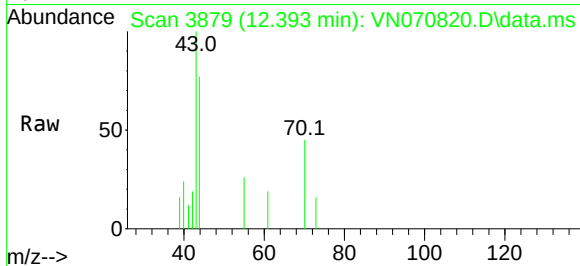




#74
N-amy1 acetate
Concen: 0.221 ug/l
RT: 12.393 min Scan# 3912
Delta R.T. 0.008 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

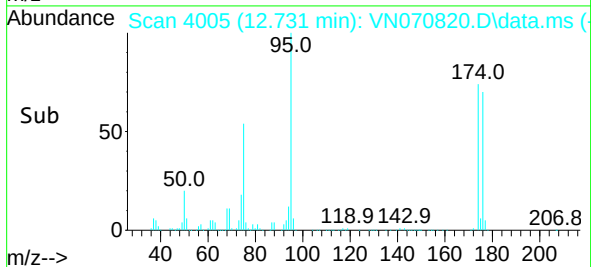
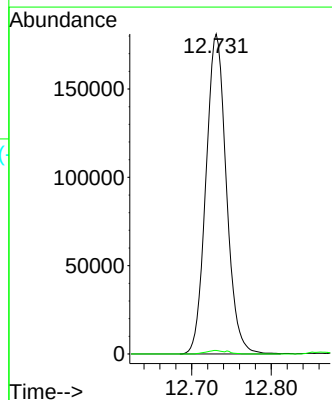
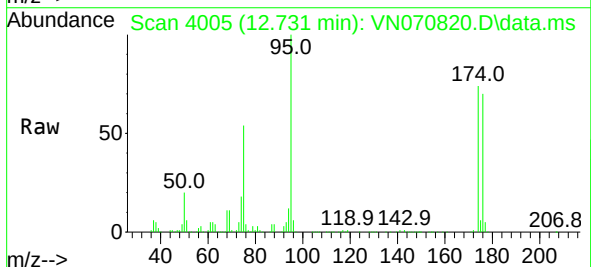
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

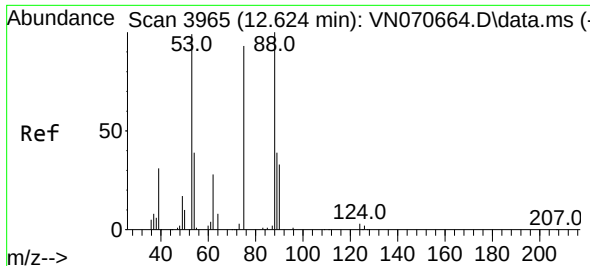
Tgt Ion: 43	Resp:	3912
Ion	Ratio	Lower Upper
43	100	
70	31.6	33.4 50.0#
55	28.5	19.3 28.9
61	11.6	18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 26.617 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 75	Resp:	322491
Ion	Ratio	Lower Upper
75	100	
77	0.9	82.6 247.8#

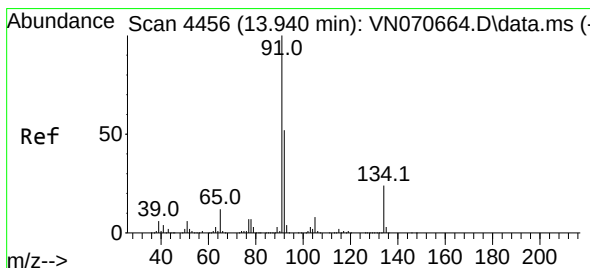
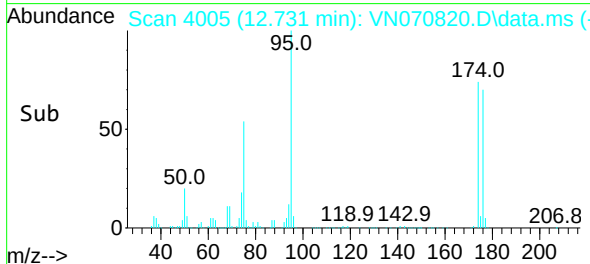
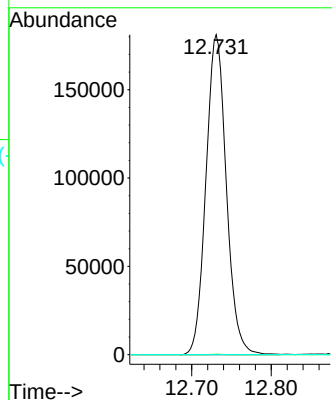
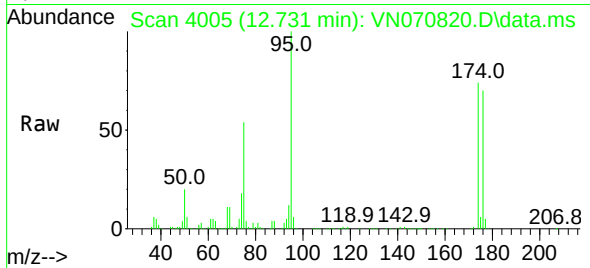




#81
trans-1,4-Dichloro-2-butene
Concen: 79.298 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

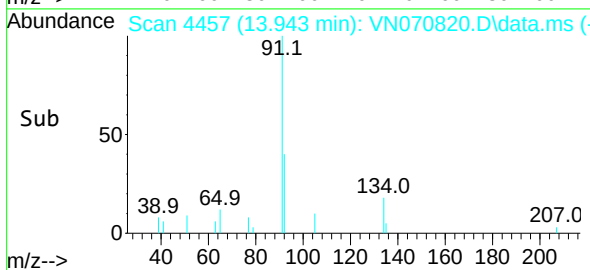
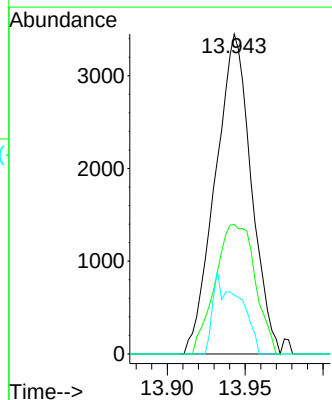
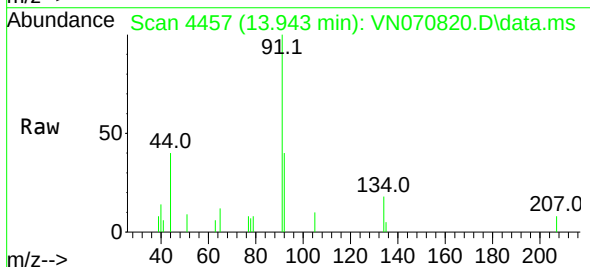
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

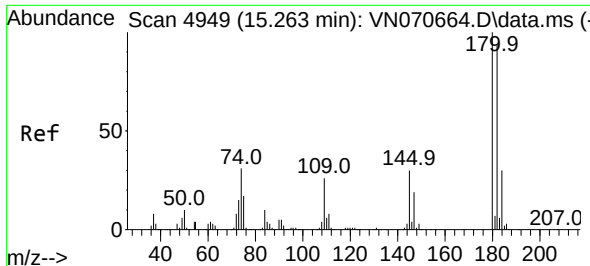
Tgt Ion: 75 Resp: 322491
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#89
n-Butylbenzene
Concen: 0.206 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 91 Resp: 5523
Ion Ratio Lower Upper
91 100
92 45.2 25.4 76.0
134 8.6 13.6 40.8#

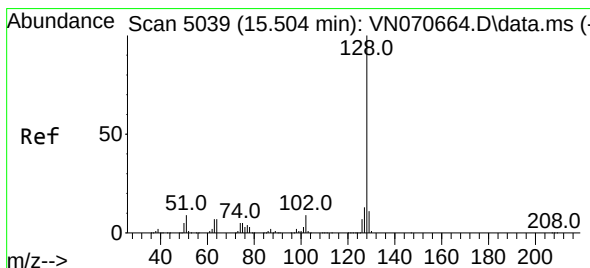
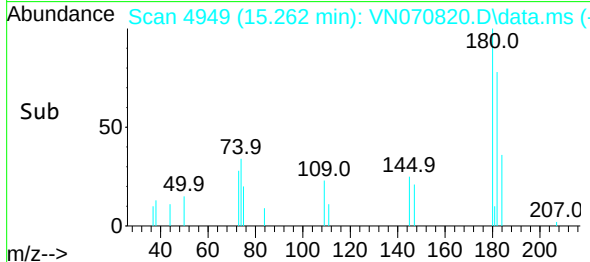
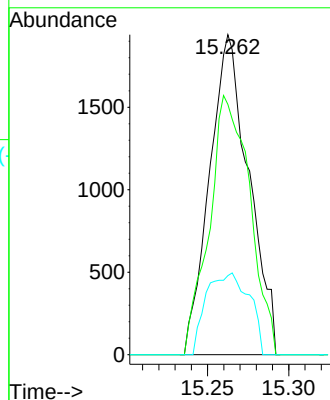
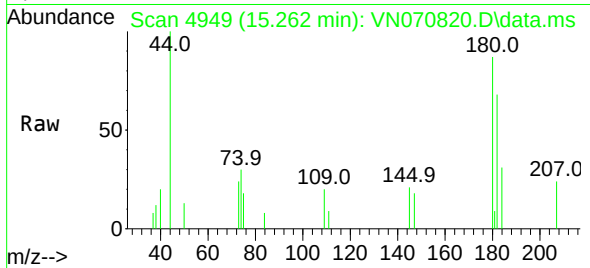




#93
 1,2,4-Trichlorobenzene
 Concen: 3.784 ug/l
 RT: 15.262 min Scan# 4949
 Delta R.T. -0.001 min
 Lab File: VN070820.D
 Acq: 28 Jan 2022 11:18

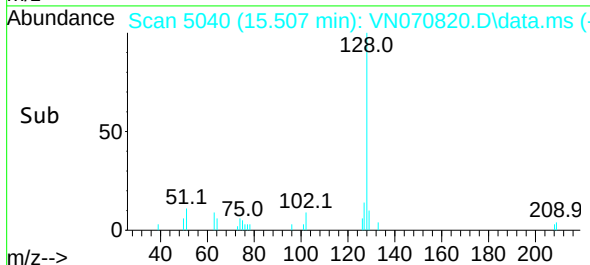
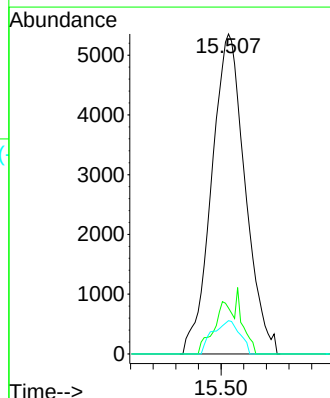
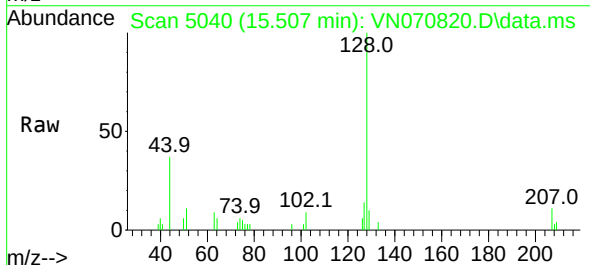
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBL01

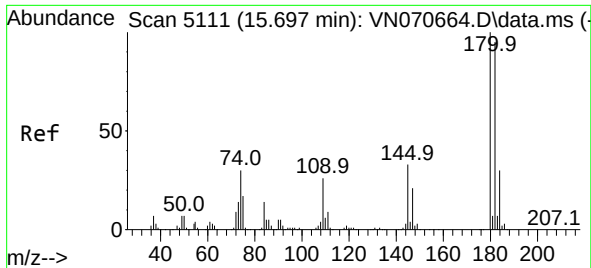
Tgt Ion:180	Resp:	3255
Ion Ratio	Lower	Upper
180	100	
182	83.7	48.3 144.9
145	27.9	14.5 43.5



#95
 Naphthalene
 Concen: 5.365 ug/l
 RT: 15.507 min Scan# 5040
 Delta R.T. 0.003 min
 Lab File: VN070820.D
 Acq: 28 Jan 2022 11:18

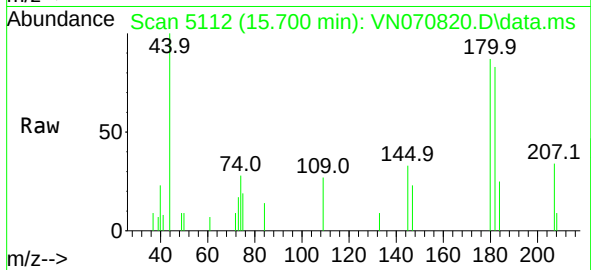
Tgt Ion:128	Resp:	10961
Ion Ratio	Lower	Upper
128	100	
127	9.3	10.5 15.7#
129	8.3	8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.627 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN070820.D
 Acq: 28 Jan 2022 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBL01



Tgt Ion:	180	Resp:	3546
Ion Ratio	Lower	Upper	
180	100		
182	88.7	47.4	142.2
145	37.4	15.0	45.1

