

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070715.D
 Acq On : 20 Jan 2022 13:05
 Operator : JC/MD
 Sample : N1182-01ME
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-2-011822

Quant Time: Jan 21 02:12:15 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)

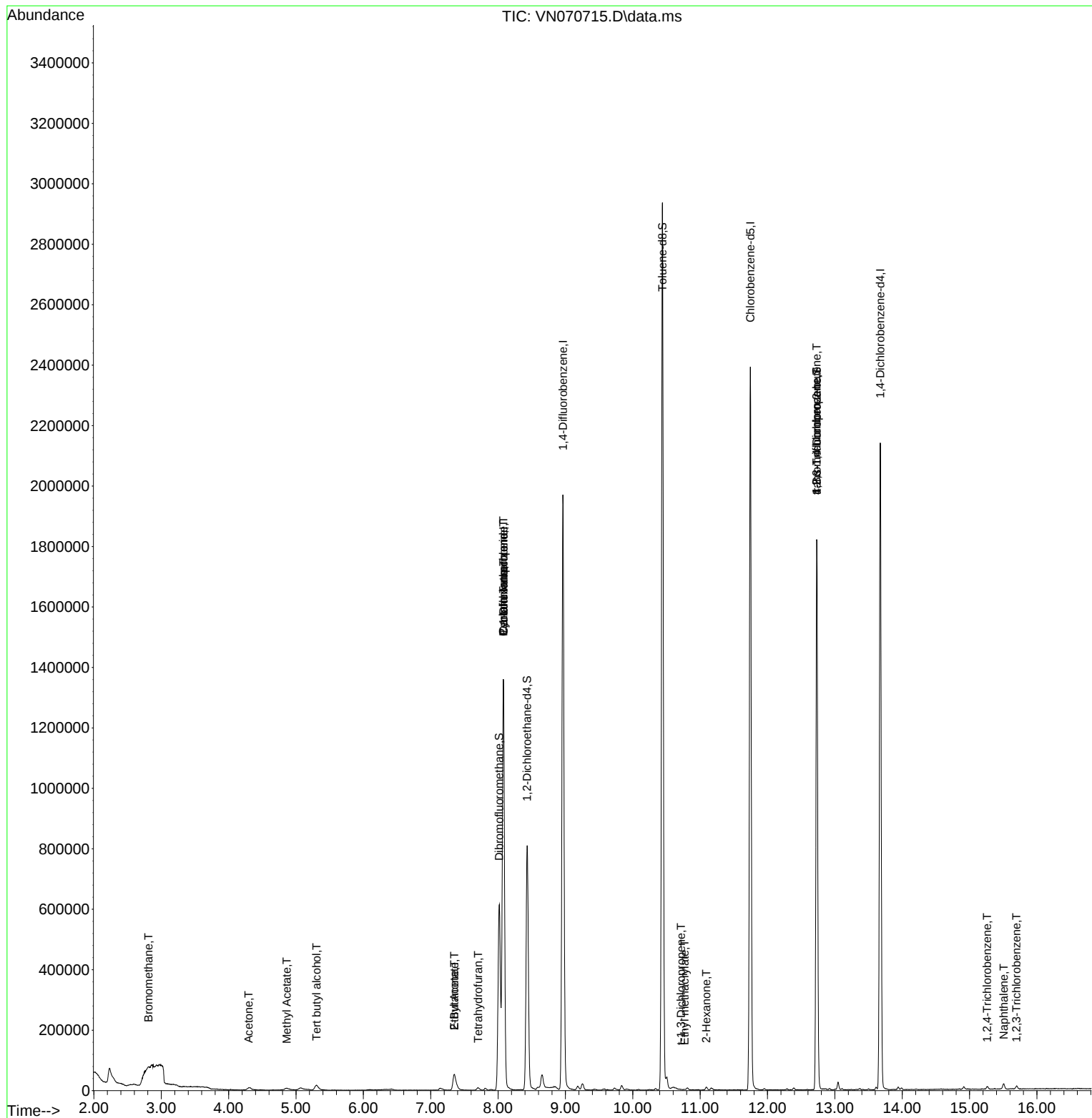
Internal Standards						
1) Pentafluorobenzene	8.080	168	1051045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1702895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1378069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	577066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	697527	46.307	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.620%
35) Dibromofluoromethane	8.016	113	471193	44.608	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.220%
50) Toluene-d8	10.441	98	2056452	46.213	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.420%
62) 4-Bromofluorobenzene	12.731	95	665259	41.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.900%
Target Compounds						
					Qvalue	
5) Bromomethane	2.810	94	2094	0.238	ug/l	89
11) Tert butyl alcohol	5.305	59	16902	6.219	ug/l #	71
16) Acetone	4.296	43	5640	0.539	ug/l	91
18) Methyl Acetate	4.862	43	13938	0.678	ug/l #	78
25) 2-Butanone	7.351	43	117447	8.927	ug/l	91
29) Tetrahydrofuran	7.702	42	7840	0.973	ug/l #	71
30) Chloroform	7.812	83	6249	Below Cal		93
31) Cyclohexane	8.080	56	23326	0.879	ug/l #	1
36) 1,1-Dichloropropene	8.078	75	84547	4.754	ug/l #	49
37) Ethyl Acetate	7.351	43	117447	4.975	ug/l #	68
38) Carbon Tetrachloride	8.078	117	106115	6.708	ug/l #	16
53) t-1,3-Dichloropropene	10.717	75	119	2.409	ug/l #	43
56) Ethyl methacrylate	10.770	69	700	2.329	ug/l #	67
59) 2-Hexanone	11.092	43	7862	0.470	ug/l	92
76) 1,2,3-Trichloropropane	12.731	75	343464	22.441	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	343464	66.855	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	2131	3.611	ug/l #	42
95) Naphthalene	15.507	128	18049	5.492	ug/l	98
96) 1,2,3-Trichlorobenzene	15.695	180	2227	3.420	ug/l #	36

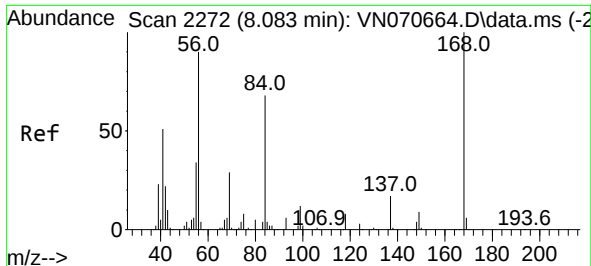
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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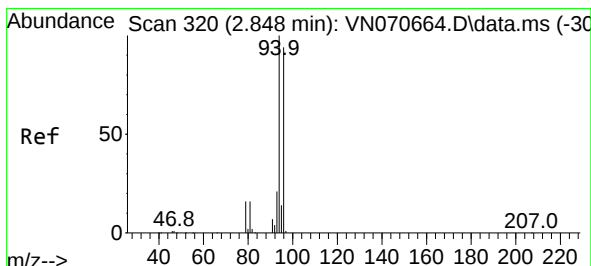
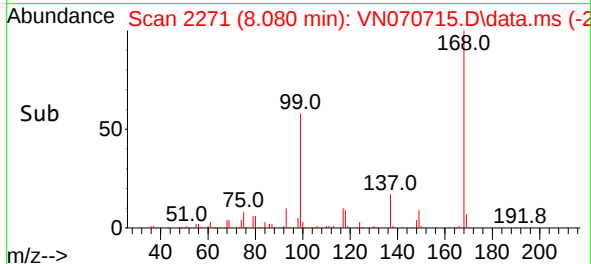
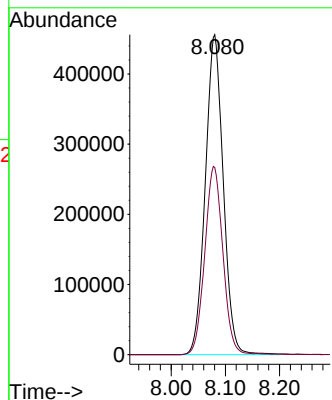
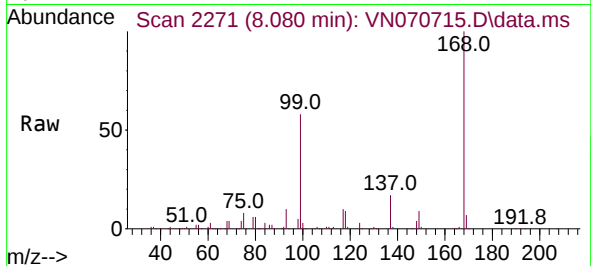




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

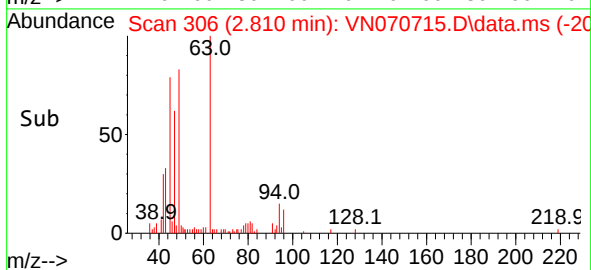
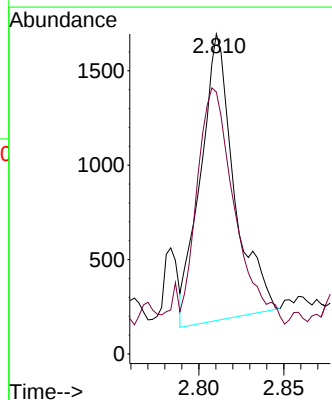
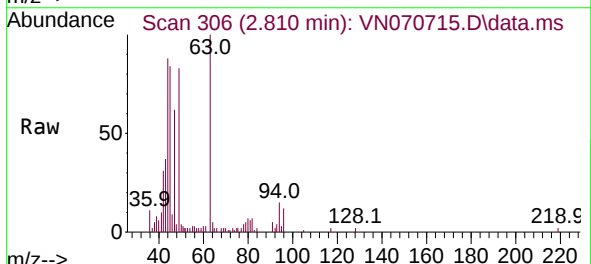
Instrument :
MSVOA_N
ClientSampleId :
OR-2-011822

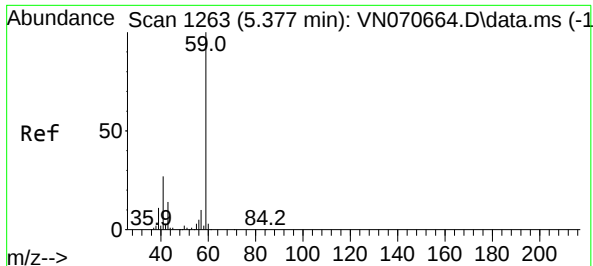
Tgt Ion:168 Resp: 1051045
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#5
Bromomethane
Concen: 0.238 ug/l
RT: 2.810 min Scan# 306
Delta R.T. -0.038 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

Tgt Ion: 94 Resp: 2094
Ion Ratio Lower Upper
94 100
96 81.8 73.8 110.8





#11

Tert butyl alcohol

Concen: 6.219 ug/l

RT: 5.305 min Scan# 11

Delta R.T. -0.072 min

Lab File: VN070715.D

Acq: 20 Jan 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

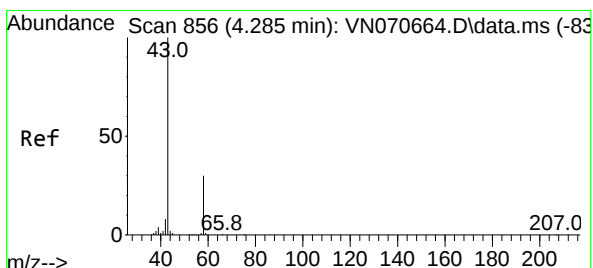
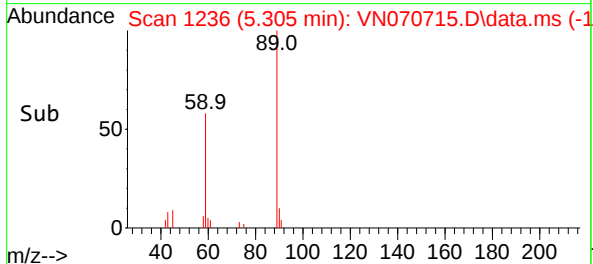
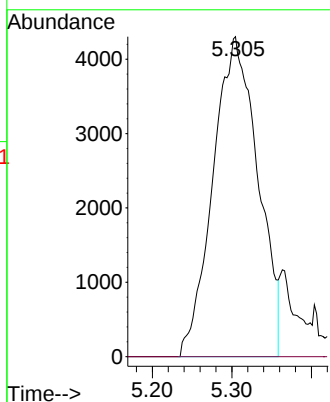
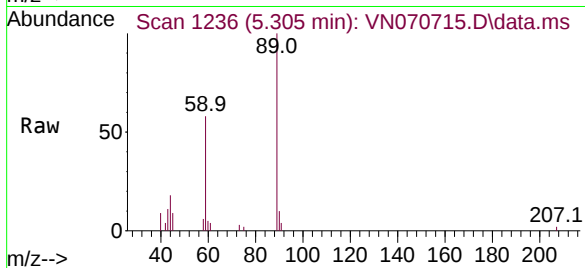
OR-2-011822

Tgt Ion: 59 Resp: 16902

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#16

Acetone

Concen: 0.539 ug/l

RT: 4.296 min Scan# 860

Delta R.T. 0.011 min

Lab File: VN070715.D

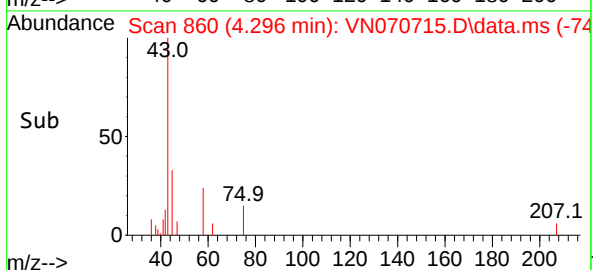
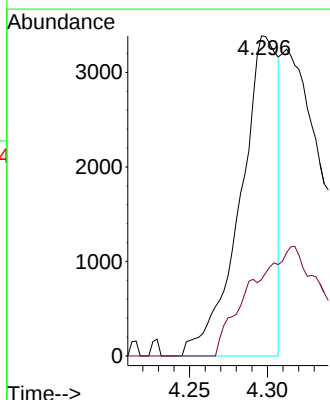
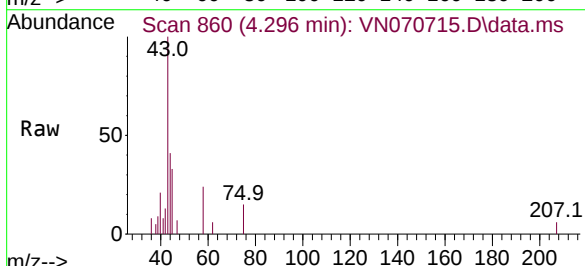
Acq: 20 Jan 2022 13:05

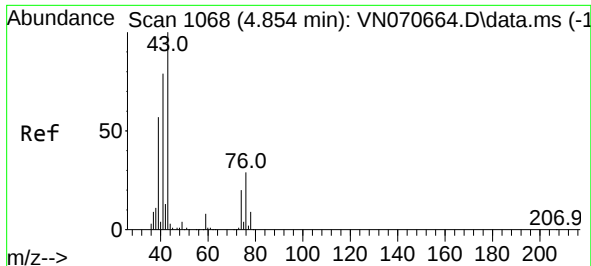
Tgt Ion: 43 Resp: 5640

Ion Ratio Lower Upper

43 100

58 23.9 23.1 34.7

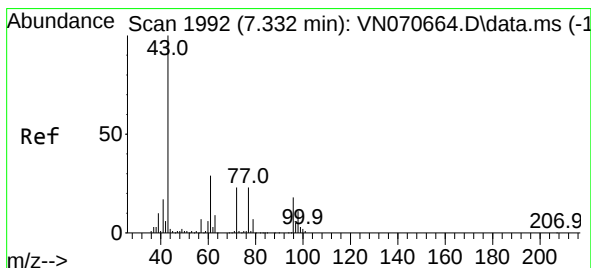
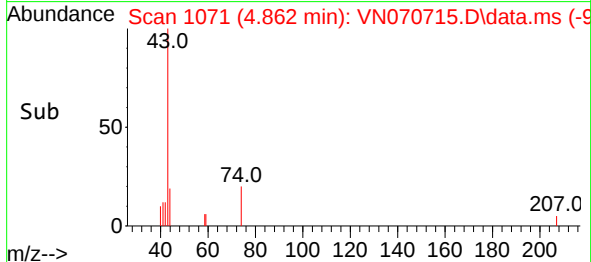
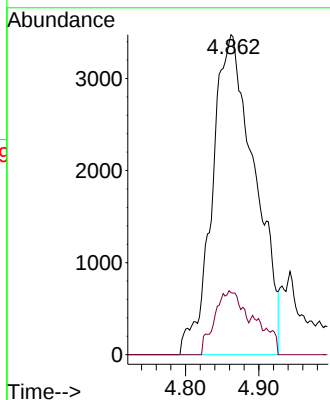
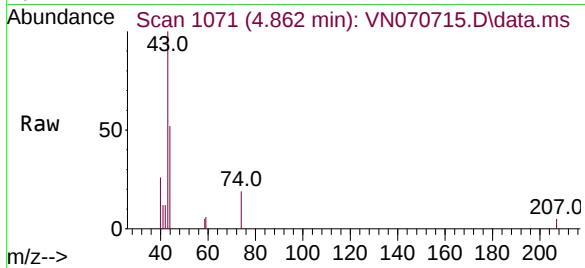




#18
Methyl Acetate
Concen: 0.678 ug/l
RT: 4.862 min Scan# 1068
Delta R.T. 0.008 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

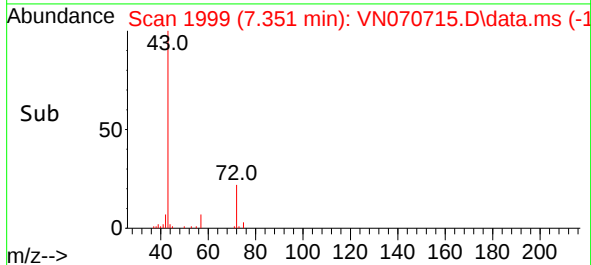
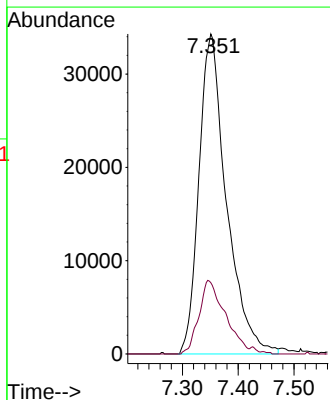
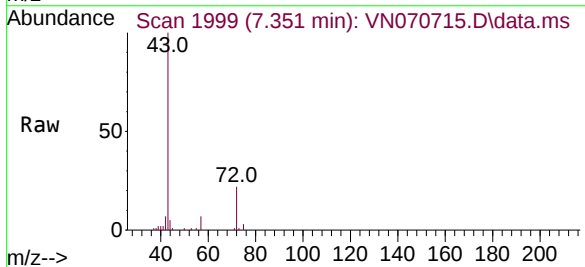
Instrument :
MSVOA_N
ClientSampleId :
OR-2-011822

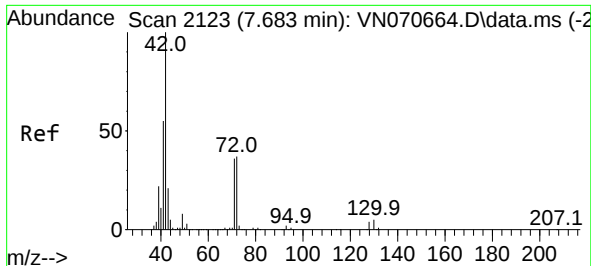
Tgt Ion: 43 Resp: 13938
Ion Ratio Lower Upper
43 100
74 13.4 19.4 29.2#



#25
2-Butanone
Concen: 8.927 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.019 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

Tgt Ion: 43 Resp: 117447
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5





#29

Tetrahydrofuran

Concen: 0.973 ug/l

RT: 7.702 min Scan# 21

Delta R.T. 0.019 min

Lab File: VN070715.D

Acq: 20 Jan 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

OR-2-011822

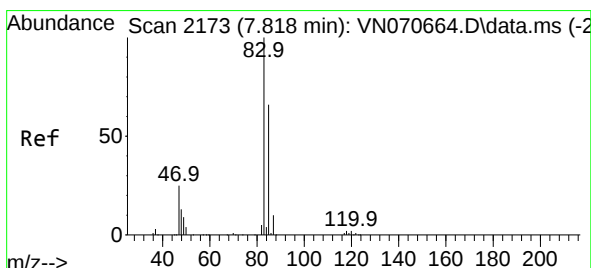
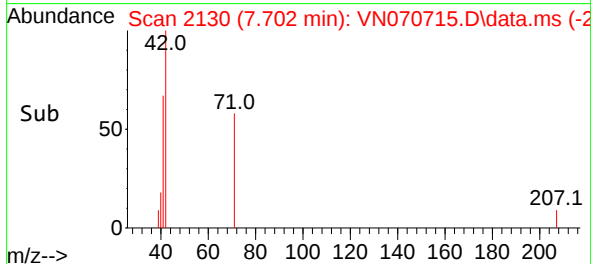
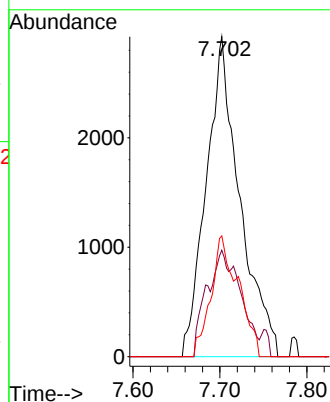
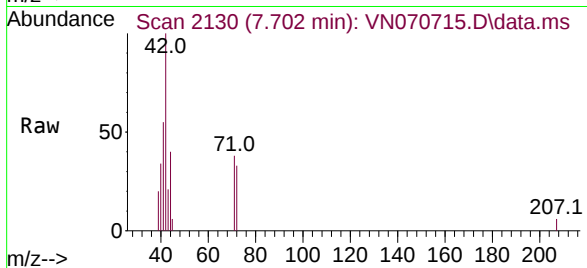
Tgt Ion: 42 Resp: 7840

Ion Ratio Lower Upper

42 100

72 20.9 36.3 54.5#

71 30.9 34.7 52.1#



#30

Chloroform

Concen: Below Cal

RT: 7.812 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VN070715.D

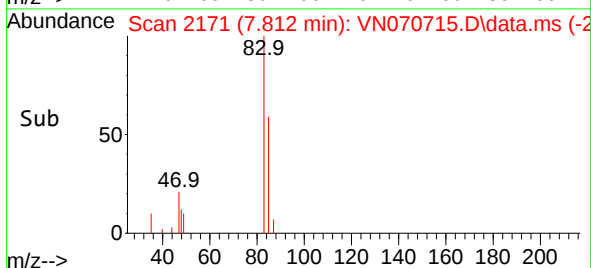
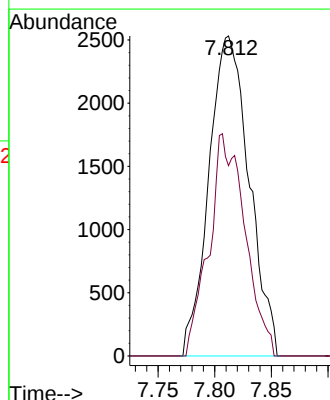
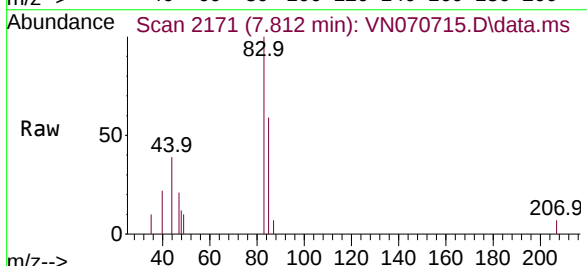
Acq: 20 Jan 2022 13:05

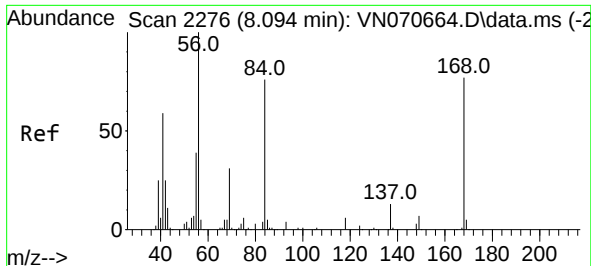
Tgt Ion: 83 Resp: 6249

Ion Ratio Lower Upper

83 100

85 59.4 51.9 77.9

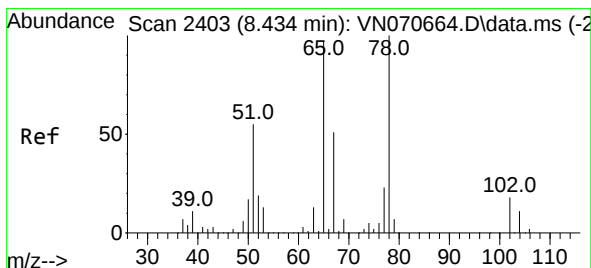
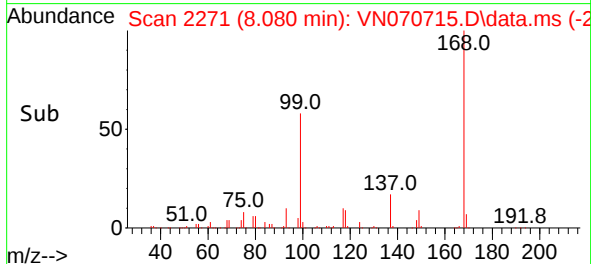
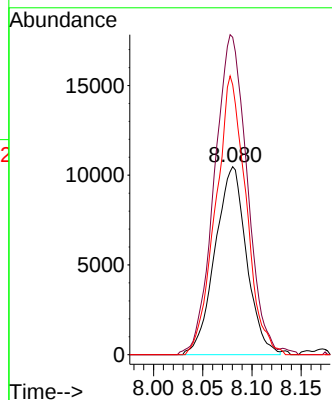
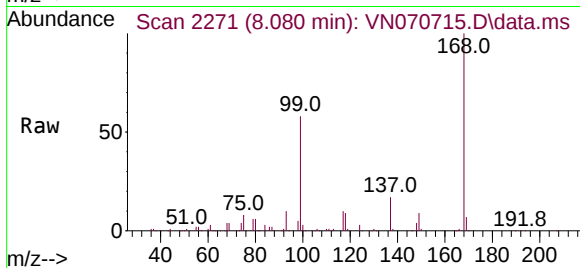




#31
Cyclohexane
Concen: 0.879 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

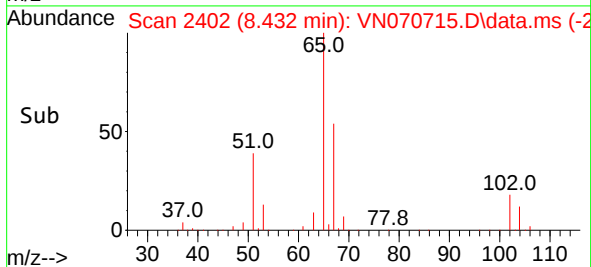
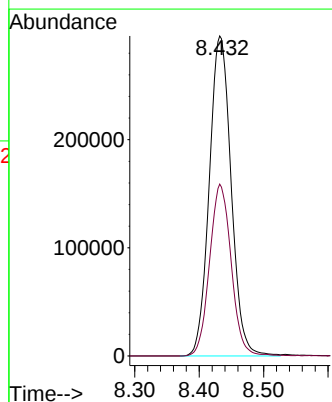
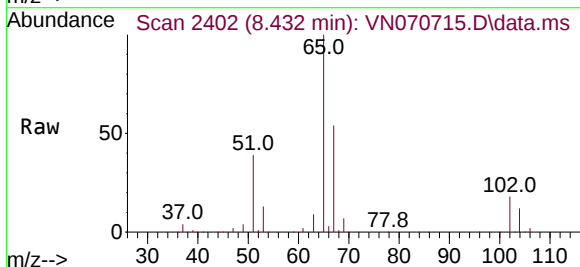
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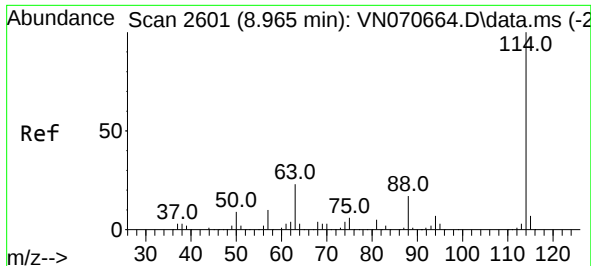
Tgt Ion: 56 Resp: 23326
Ion Ratio Lower Upper
56 100
69 167.3 27.1 40.7#
84 143.5 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.307 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.002 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

Tgt Ion: 65 Resp: 697527
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

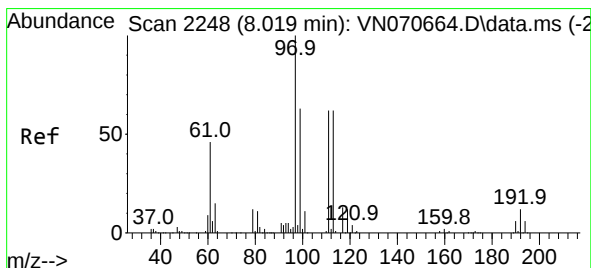
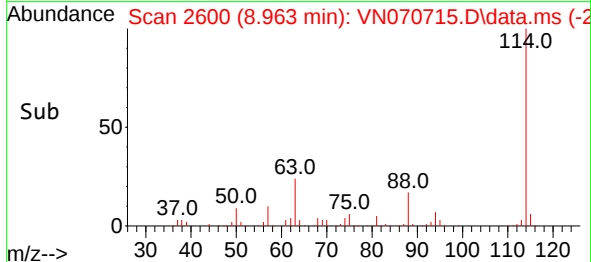
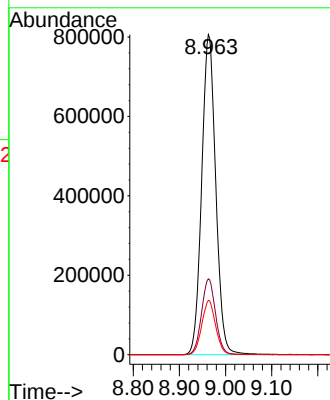
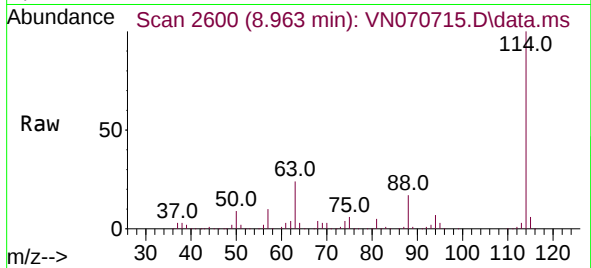




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.002 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

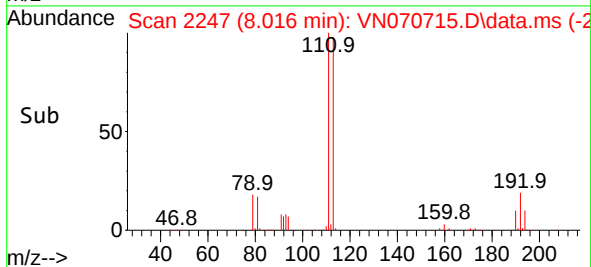
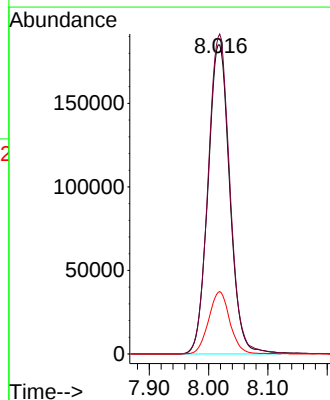
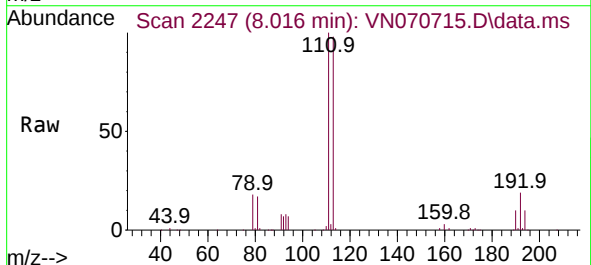
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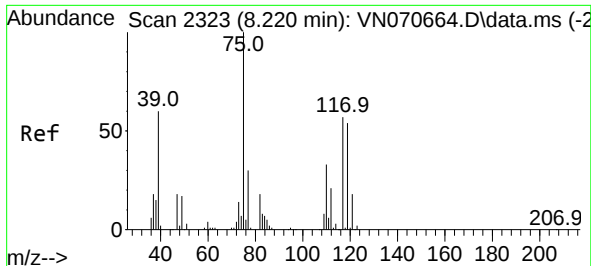
Tgt Ion:114 Resp: 1702895
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 17.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 44.608 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.003 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

Tgt Ion:113 Resp: 471193
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.7 16.9 25.3

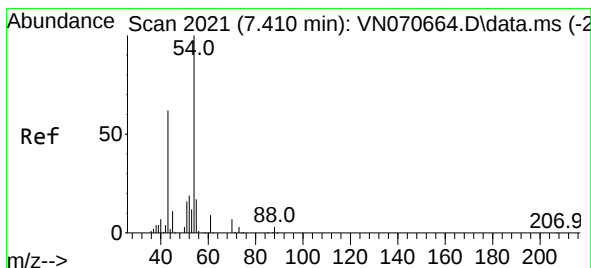
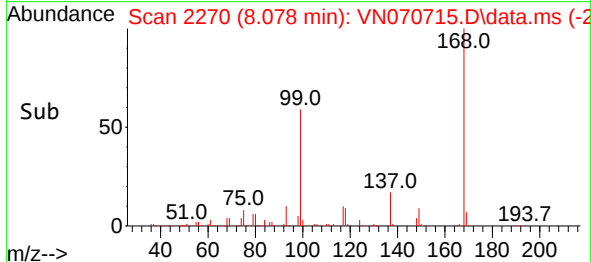
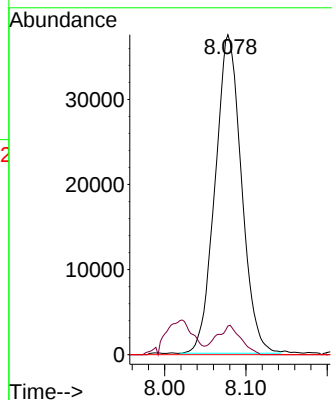
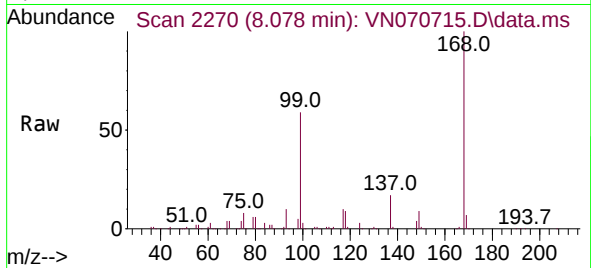




#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.142 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

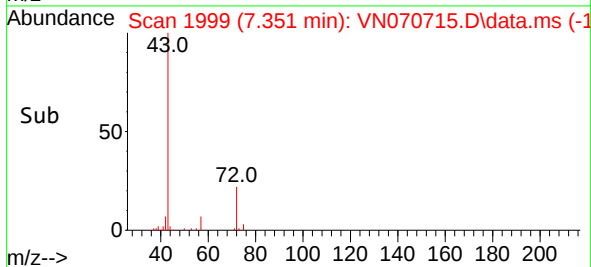
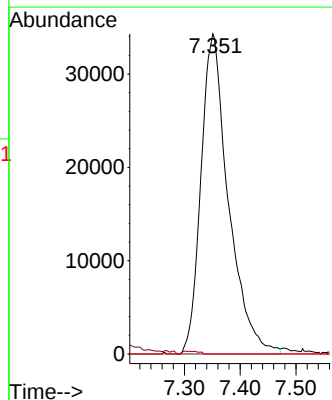
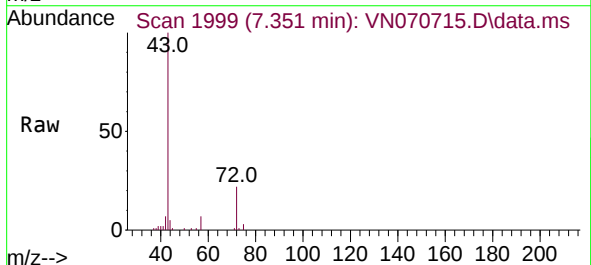
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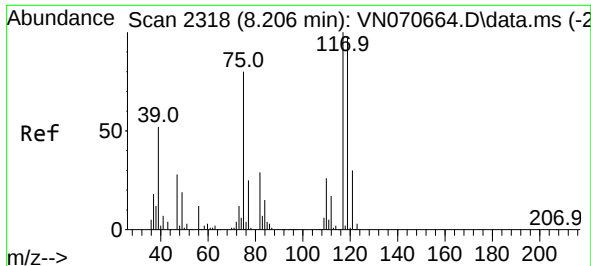
Tgt Ion: 75 Resp: 84547
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.975 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.059 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

Tgt Ion: 43 Resp: 117447
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#

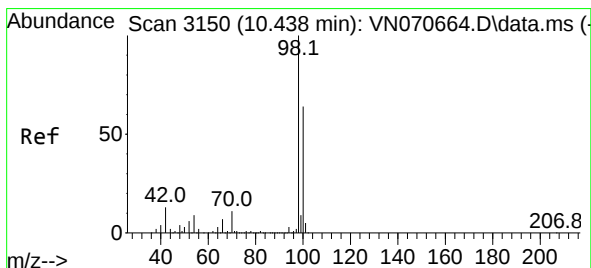
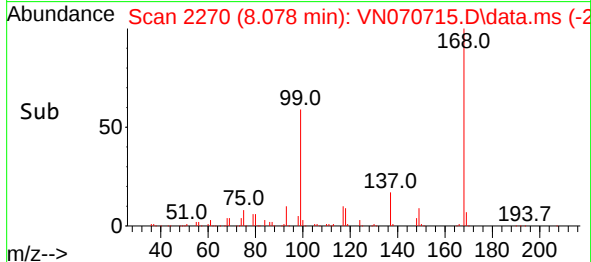
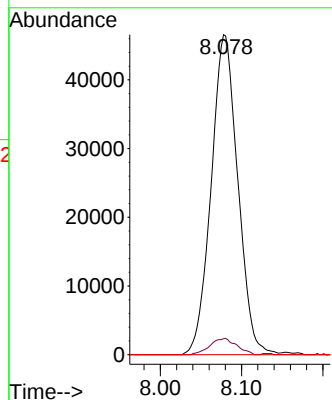
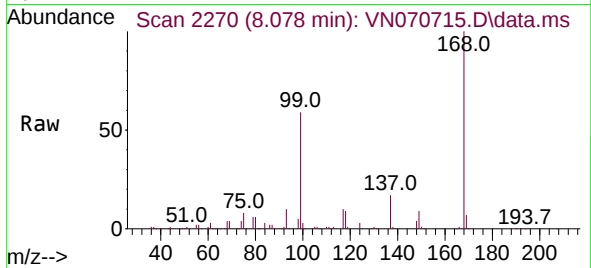




#38
Carbon Tetrachloride
Concen: 6.708 ug/l
RT: 8.078 min Scan# 211
Delta R.T. -0.128 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

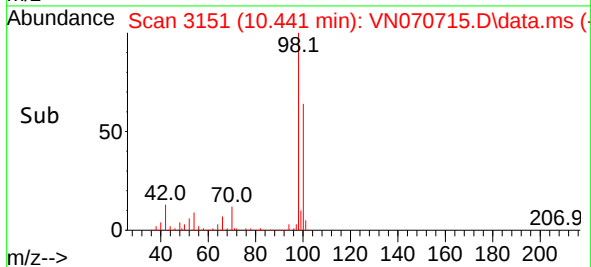
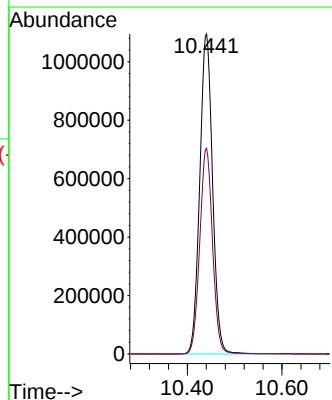
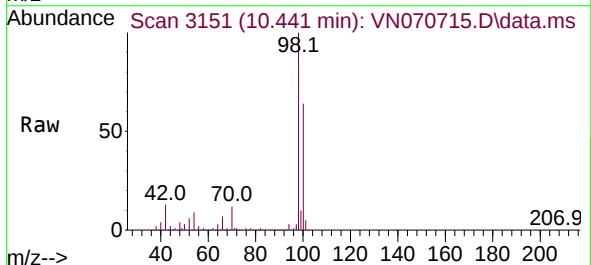
Instrument :
MSVOA_N
ClientSampleId :
OR-2-011822

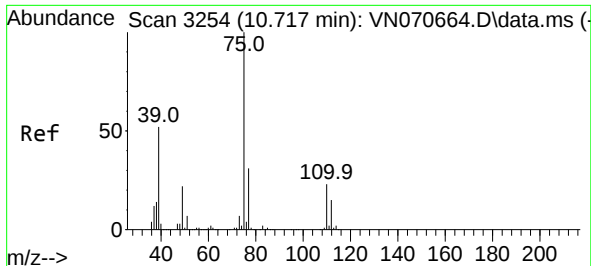
Tgt Ion:117 Resp: 106115
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.213 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

Tgt Ion: 98 Resp: 2056452
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

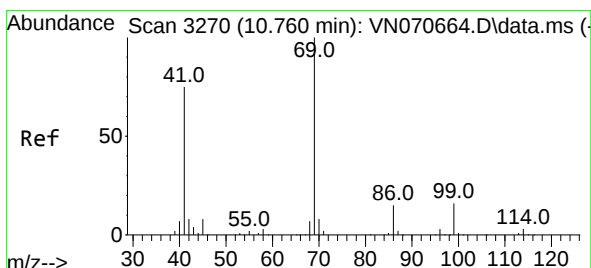
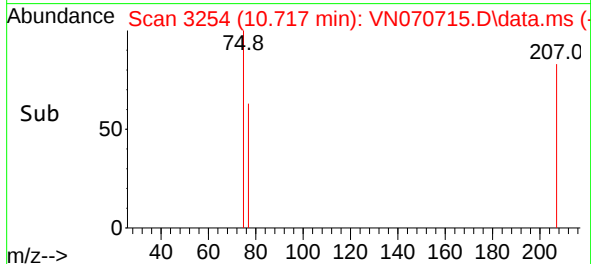
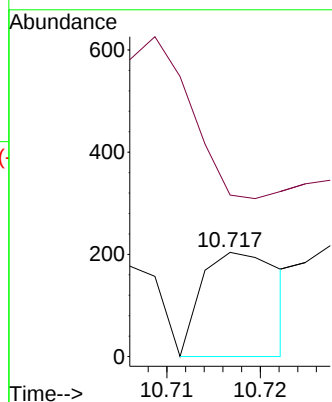
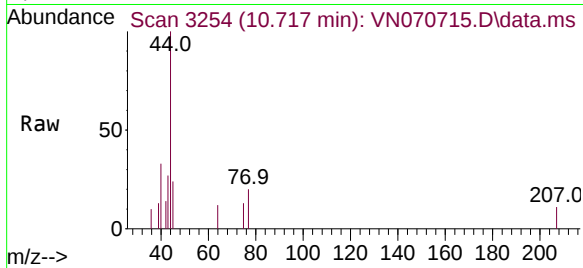




#53
t-1,3-Dichloropropene
Concen: 2.409 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

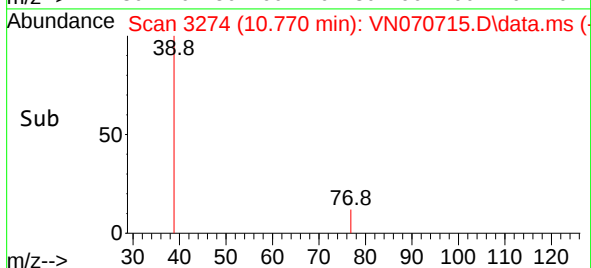
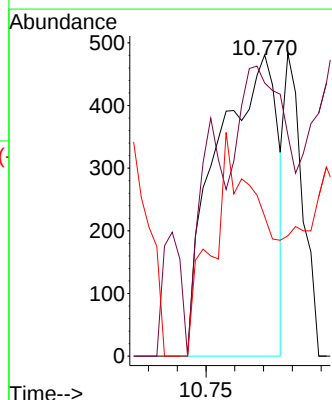
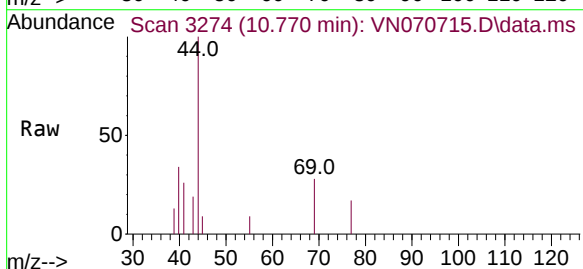
Instrument :
MSVOA_N
ClientSampleId :
OR-2-011822

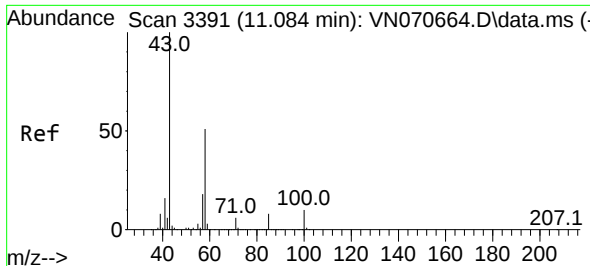
Tgt Ion: 75 Resp: 119
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.329 ug/l
RT: 10.770 min Scan# 3274
Delta R.T. 0.010 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

Tgt Ion: 69 Resp: 700
Ion Ratio Lower Upper
69 100
41 72.4 51.4 77.0
39 0.0 34.6 52.0#

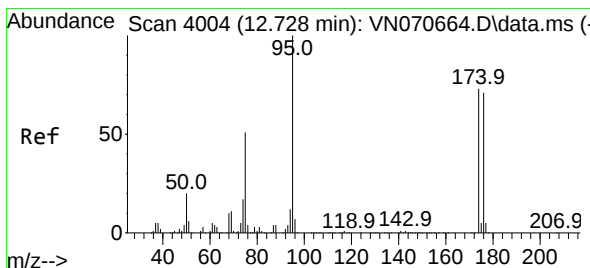
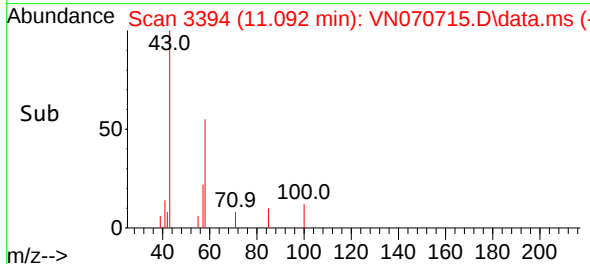
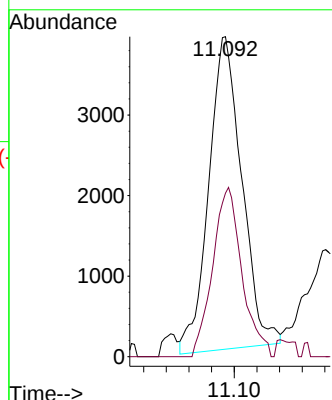
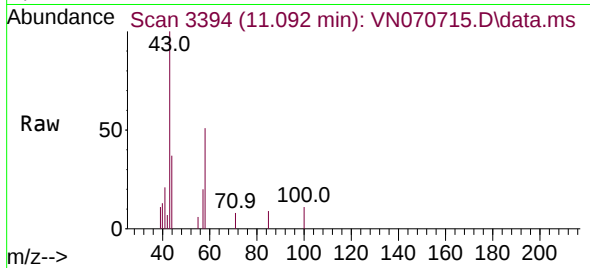




#59
2-Hexanone
Concen: 0.470 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

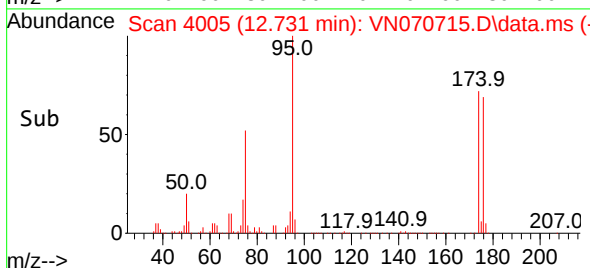
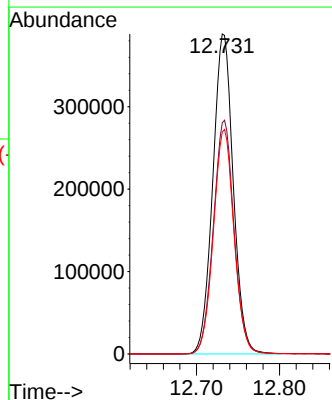
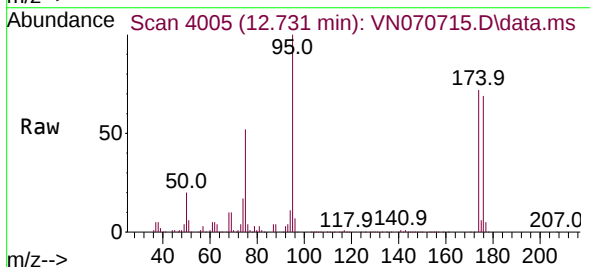
Instrument :
MSVOA_N
ClientSampleId :
OR-2-011822

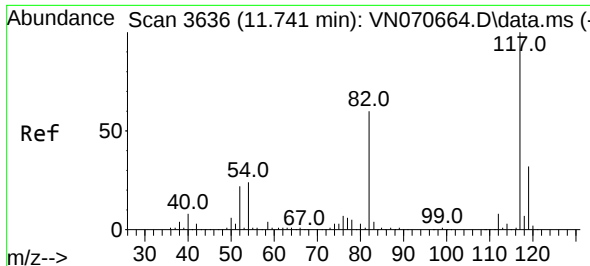
Tgt Ion: 43 Resp: 7862
Ion Ratio Lower Upper
43 100
58 47.9 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 41.953 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

Tgt Ion: 95 Resp: 665259
Ion Ratio Lower Upper
95 100
174 73.7 0.0 187.2
176 70.6 0.0 181.4

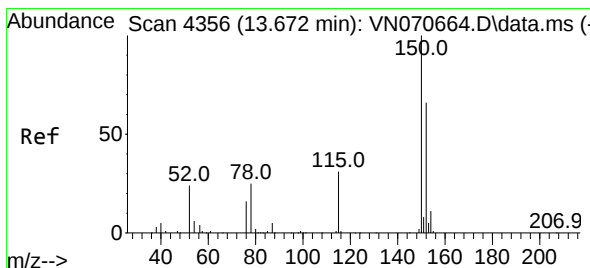
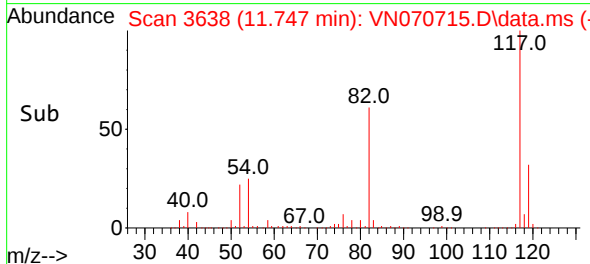
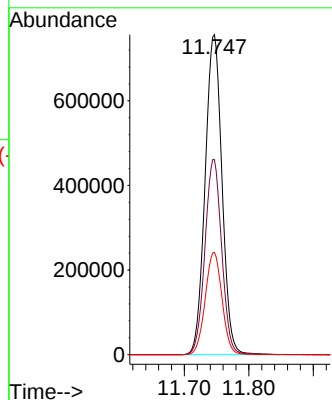
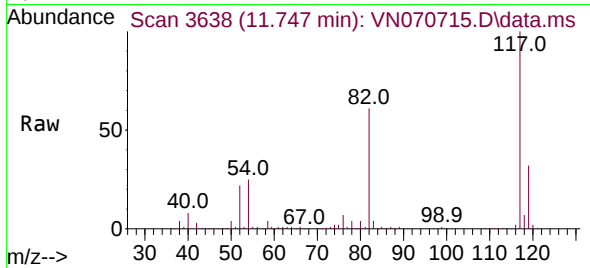




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

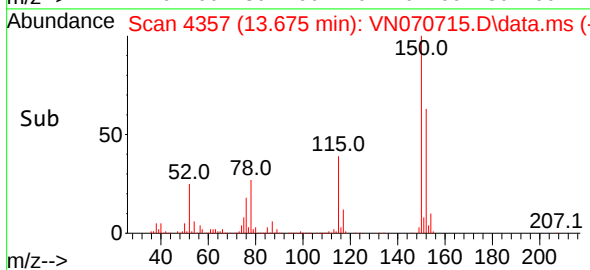
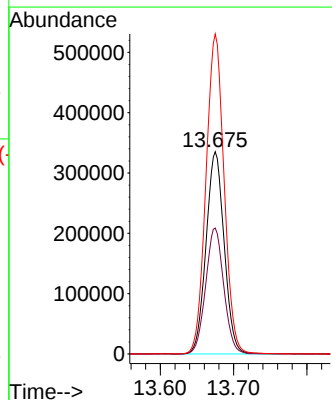
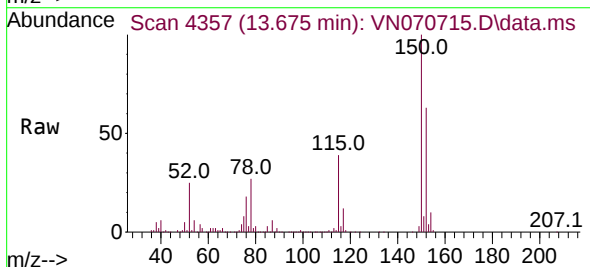
Instrument :
MSVOA_N
ClientSampleId :
OR-2-011822

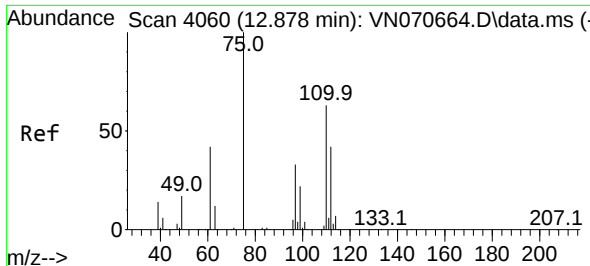
Tgt Ion:117 Resp: 1378069
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

Tgt Ion:152 Resp: 577066
Ion Ratio Lower Upper
152 100
115 62.3 27.5 82.5
150 157.9 0.0 344.4

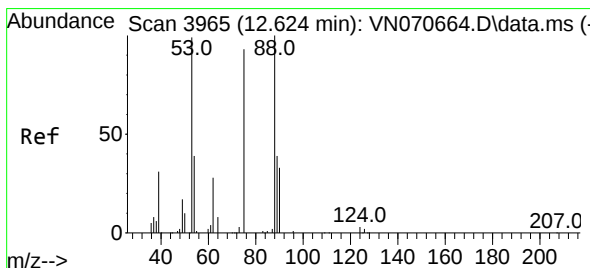
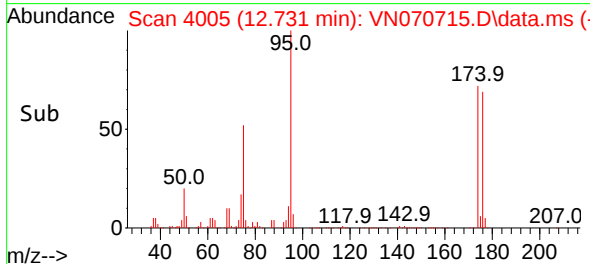
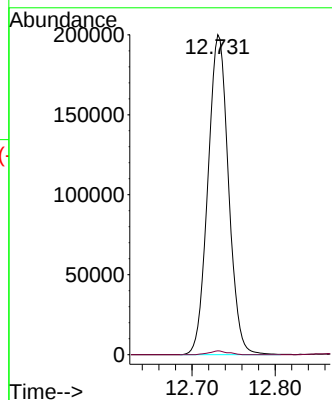
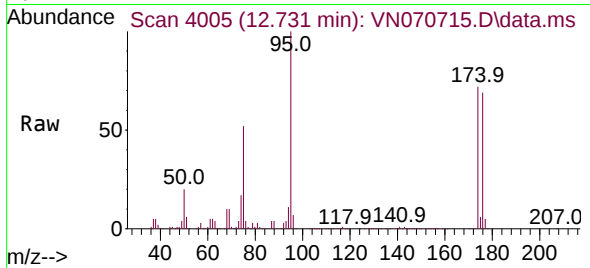




#76
1,2,3-Trichloropropane
Concen: 22.441 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

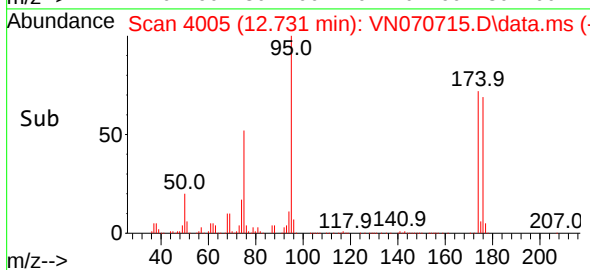
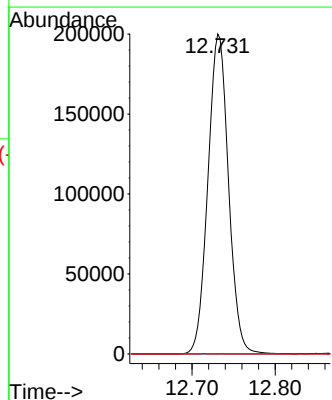
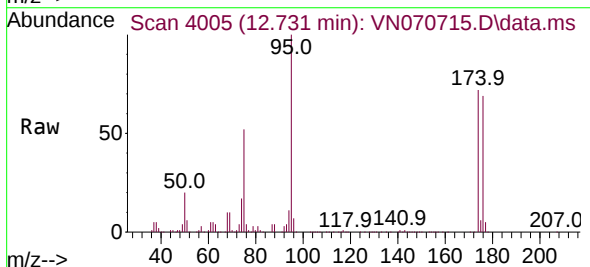
Instrument :
MSVOA_N
ClientSampleId :
OR-2-011822

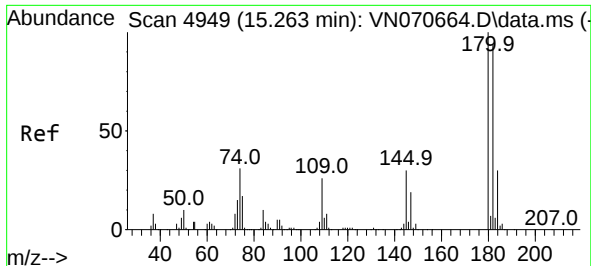
Tgt Ion: 75 Resp: 343464
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.855 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

Tgt Ion: 75 Resp: 343464
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

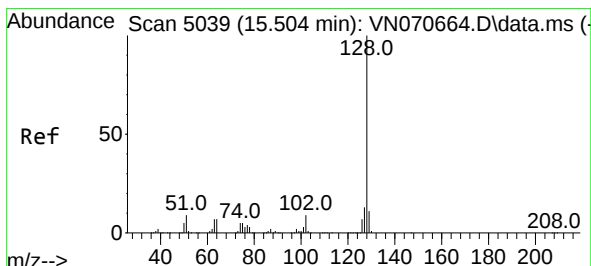
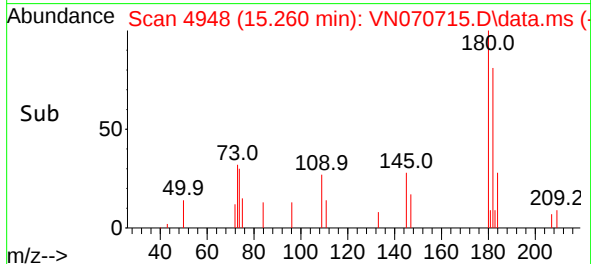
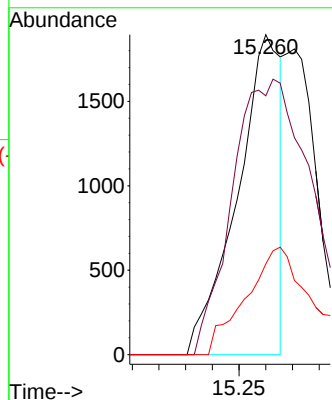
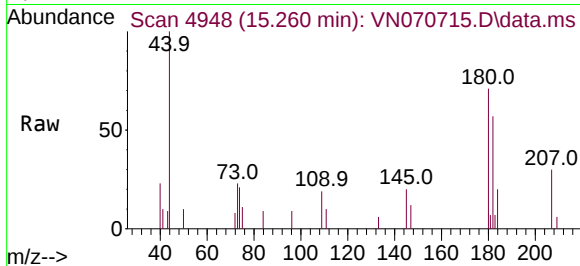




#93
1,2,4-Trichlorobenzene
Concen: 3.611 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

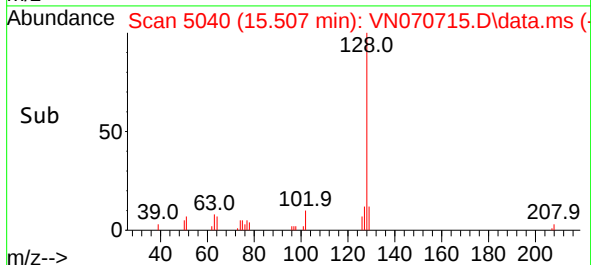
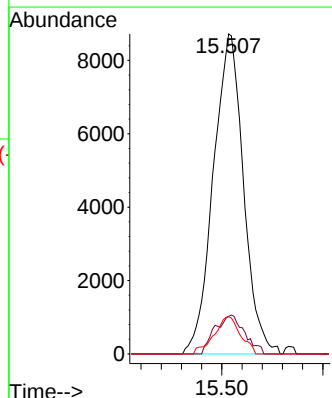
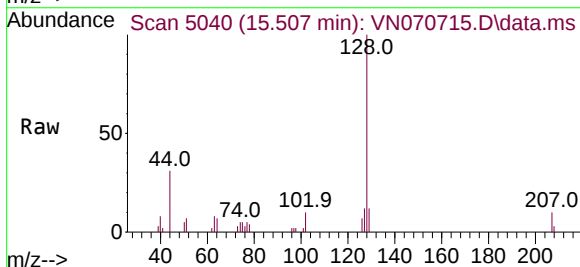
Instrument :
MSVOA_N
ClientSampleId :
OR-2-011822

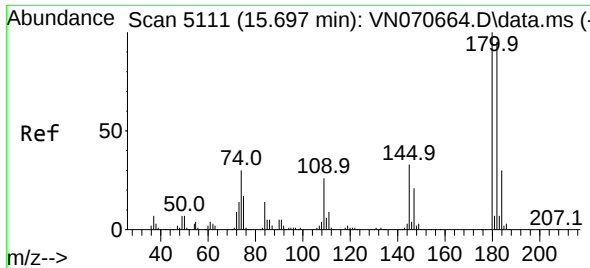
Tgt Ion:180 Resp: 2131
Ion Ratio Lower Upper
180 100
182 159.2 48.3 144.9#
145 48.8 14.5 43.5#



#95
Naphthalene
Concen: 5.492 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070715.D
Acq: 20 Jan 2022 13:05

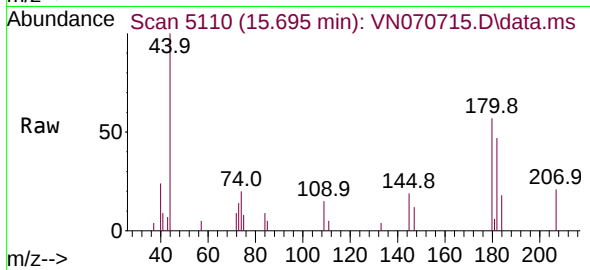
Tgt Ion:128 Resp: 18049
Ion Ratio Lower Upper
128 100
127 11.9 10.5 15.7
129 10.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.420 ug/l
 RT: 15.695 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN070715.D
 Acq: 20 Jan 2022 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-2-011822



Tgt Ion:180 Resp: 2227
 Ion Ratio Lower Upper
 180 100
 182 161.2 47.4 142.2#
 145 57.3 15.0 45.1#

