

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073913.D
 Acq On : 15 Aug 2022 23:15
 Operator : JC\MD
 Sample : VN0815WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBL02

Quant Time: Aug 16 00:00:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

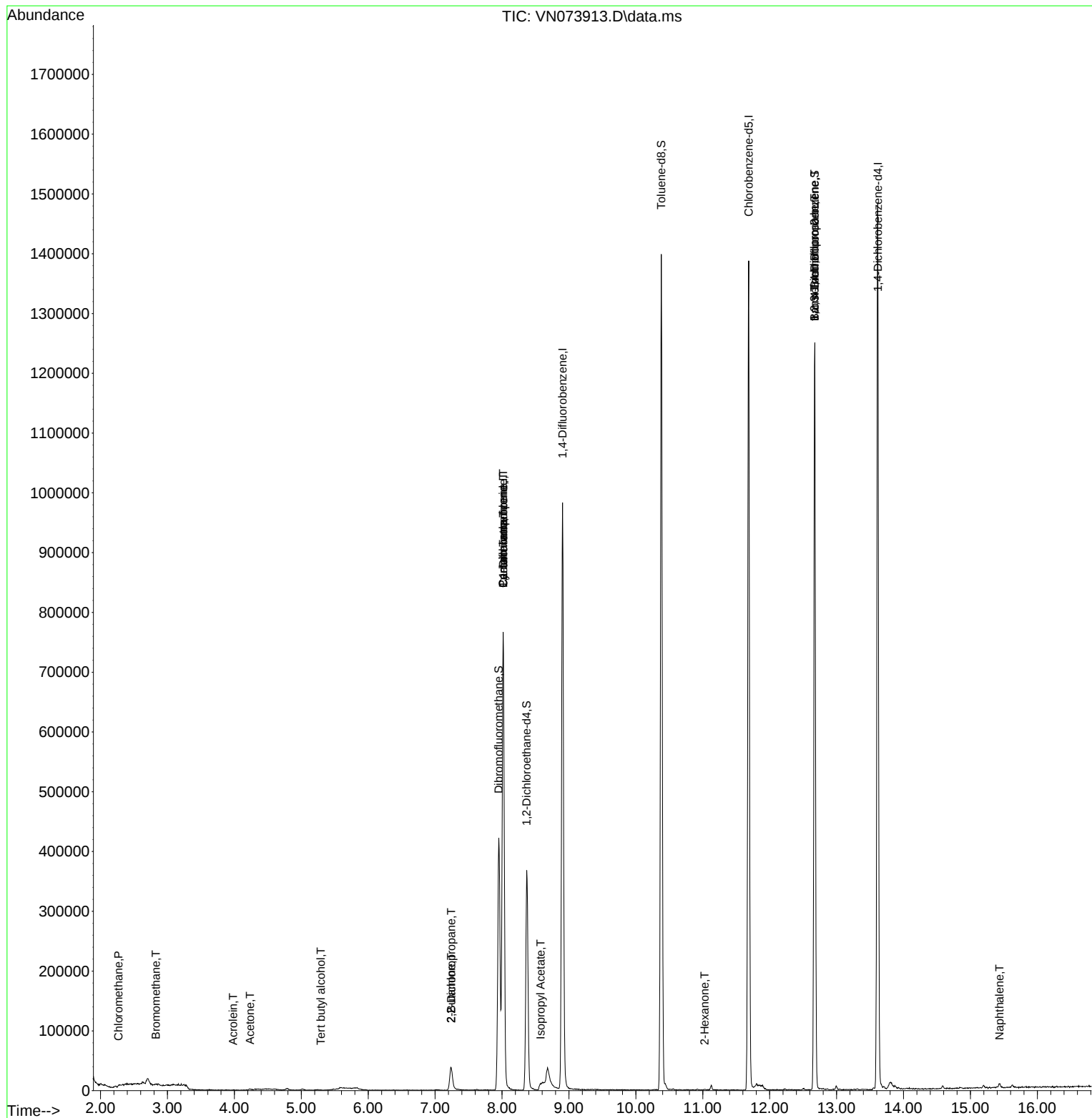
Internal Standards						
1) Pentafluorobenzene	8.016	168	659599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	928792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	861721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	452696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	316039	49.193	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.380%		
35) Dibromofluoromethane	7.951	113	306966	55.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.780%		
50) Toluene-d8	10.381	98	1007581	47.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.720%		
62) 4-Bromofluorobenzene	12.674	95	405576	57.446	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.900%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	1261	0.217	ug/l	96
5) Bromomethane	2.828	94	967	0.207	ug/l #	80
11) Tert butyl alcohol	5.293	59	335	0.233	ug/l #	72
13) Acrolein	3.981	56	302	0.300	ug/l #	48
16) Acetone	4.234	43	1444	0.476	ug/l #	76
18) Methyl Acetate	4.787	43	5432	Below Cal		96
25) 2-Butanone	7.240	43	3022	0.629	ug/l #	45
26) 2,2-Dichloropropane	7.240	77	3221	0.337	ug/l #	53
31) Cyclohexane	8.016	56	9896	1.105	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	41607	5.454	ug/l #	50
38) Carbon Tetrachloride	8.016	117	57134	6.552	ug/l #	16
43) Isopropyl Acetate	8.575	43	9112	0.692	ug/l #	53
58) 2-Chloroethyl Vinyl ether	9.969	63	55	Below Cal	#	44
59) 2-Hexanone	11.028	43	1382	0.202	ug/l	61
71) Bromoform	12.669	173	2427	0.392	ug/l #	28
76) 1,2,3-Trichloropropane	12.669	75	202954	21.117	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	202954	61.348	ug/l #	10
95) Naphthalene	15.433	128	7762	0.245	ug/l	97

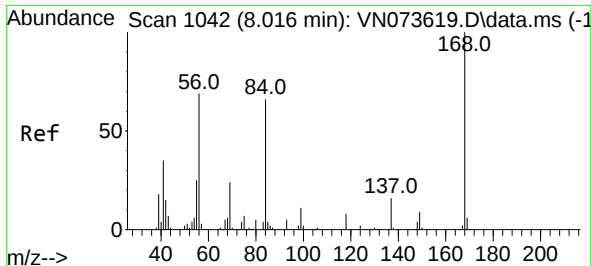
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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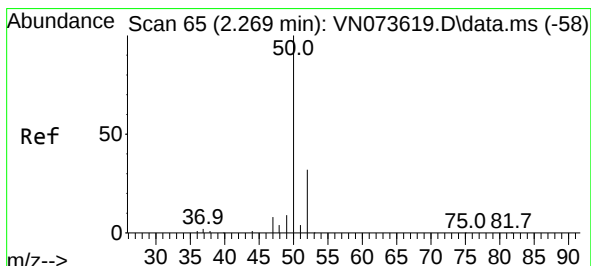
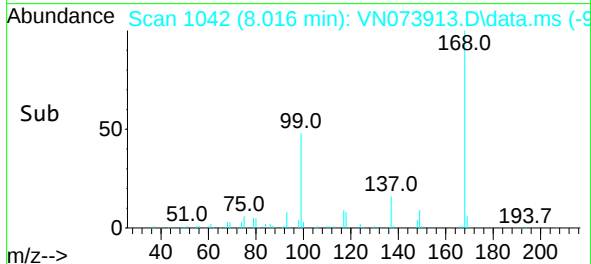
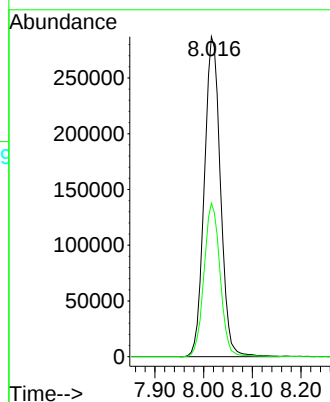
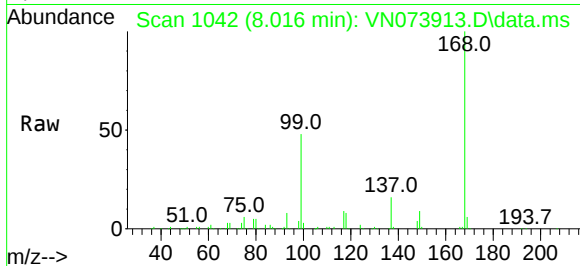




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

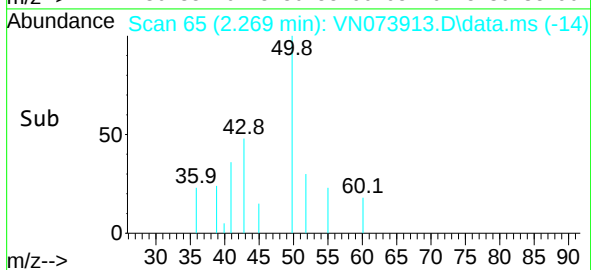
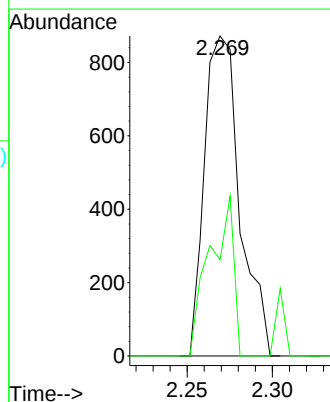
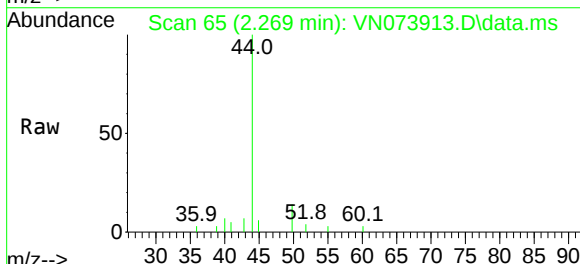
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

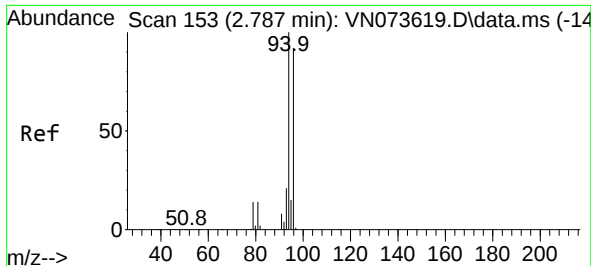
Tgt Ion:168 Resp: 659599
Ion Ratio Lower Upper
168 100
99 48.0 42.3 63.5



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion: 50 Resp: 1261
Ion Ratio Lower Upper
50 100
52 30.0 25.7 38.5

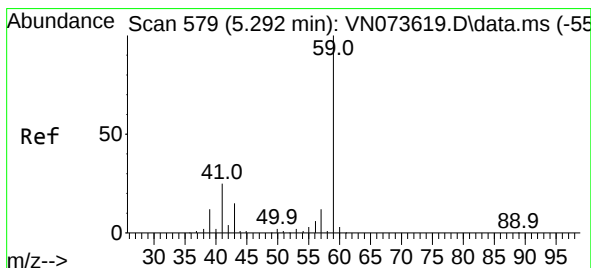
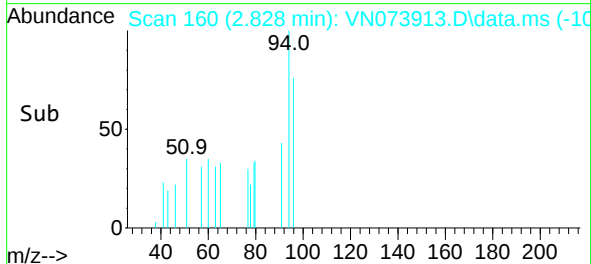
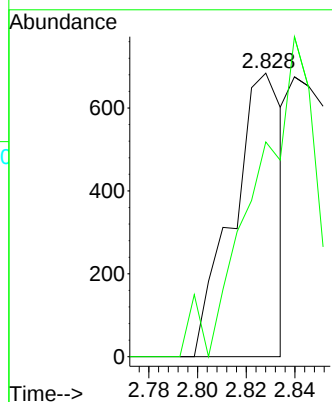
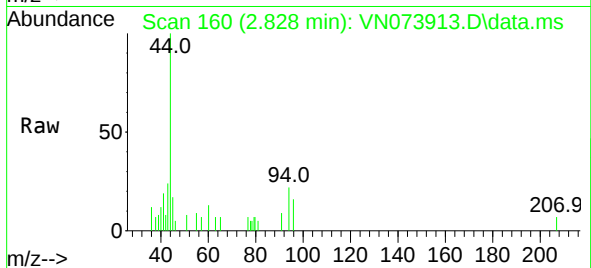




#5
Bromomethane
Concen: 0.207 ug/l
RT: 2.828 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

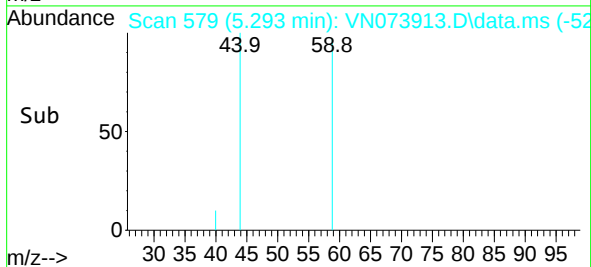
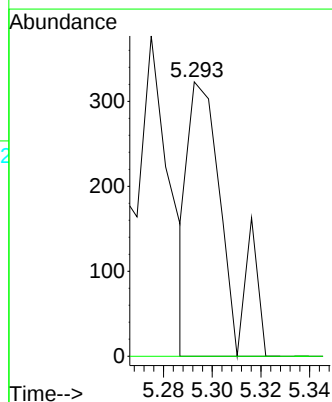
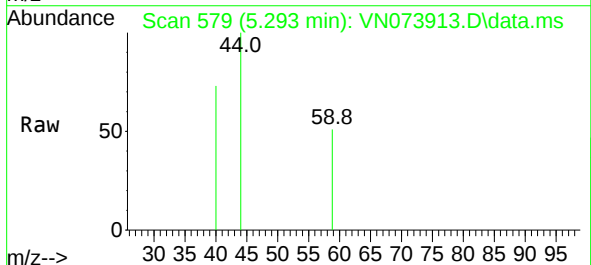
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

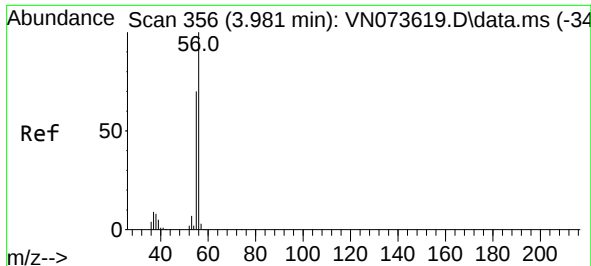
Tgt Ion: 94 Resp: 967
Ion Ratio Lower Upper
94 100
96 75.7 76.0 114.0#



#11
Tert butyl alcohol
Concen: 0.233 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.001 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.300 ug/l

RT: 3.981 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN073913.D

Acq: 15 Aug 2022 23:15

Instrument :

MSVOA_N

ClientSampleId :

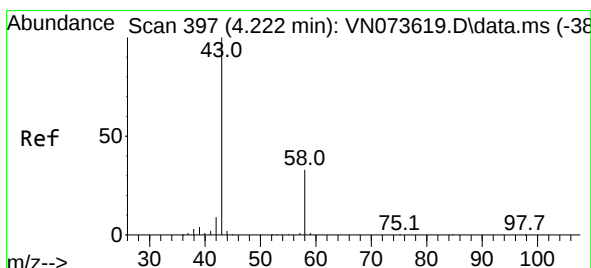
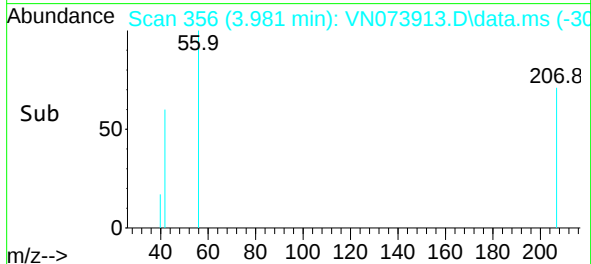
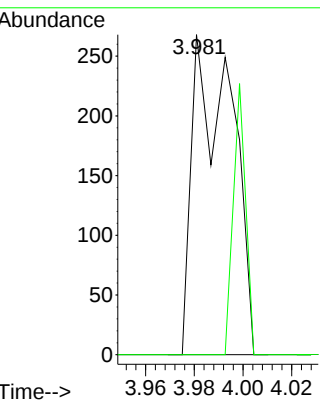
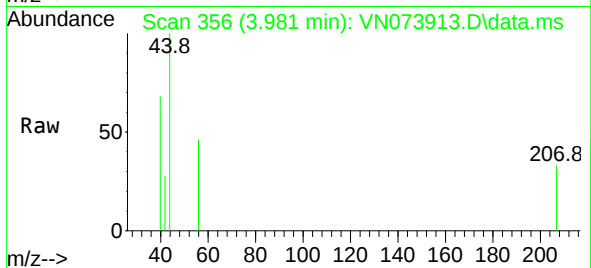
VN0815WBL02

Tgt Ion: 56 Resp: 302

Ion Ratio Lower Upper

56 100

55 26.5 54.8 82.2#



#16

Acetone

Concen: 0.476 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN073913.D

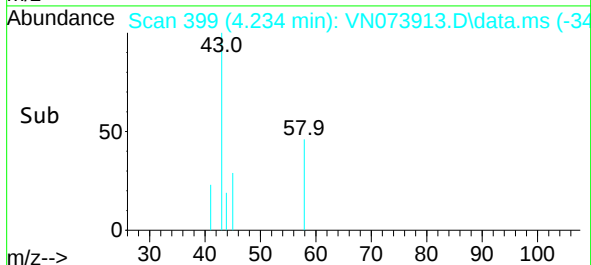
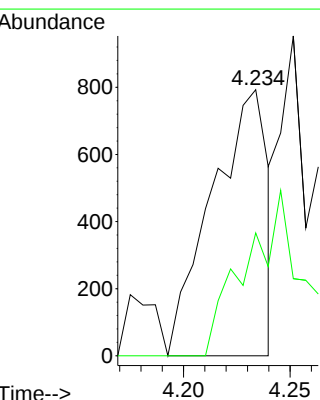
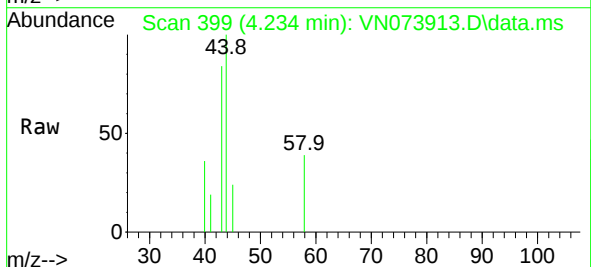
Acq: 15 Aug 2022 23:15

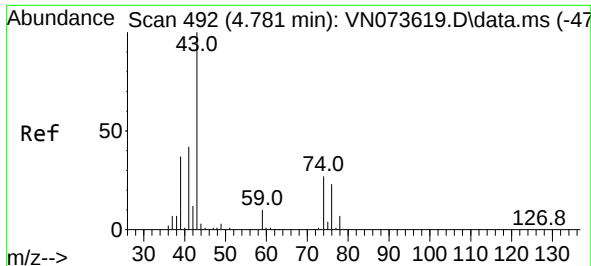
Tgt Ion: 43 Resp: 1444

Ion Ratio Lower Upper

43 100

58 46.2 26.0 39.0#

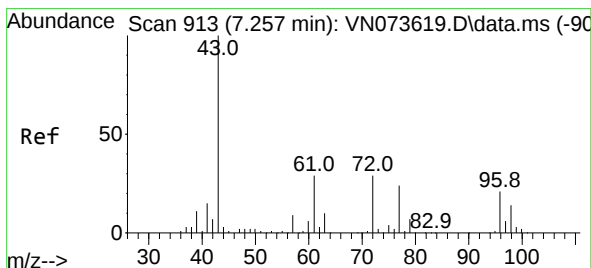
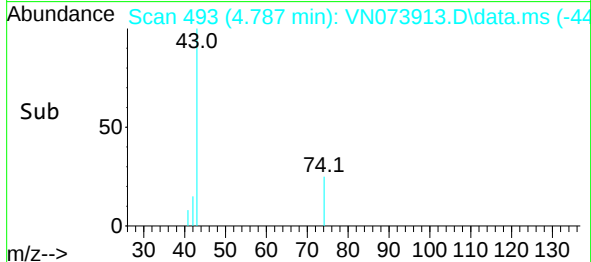
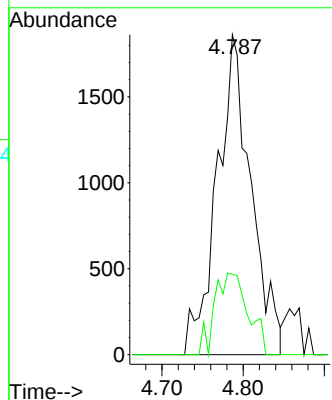
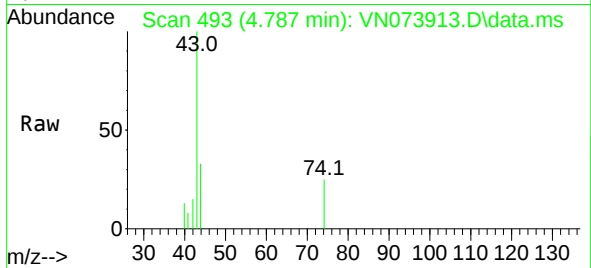




#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

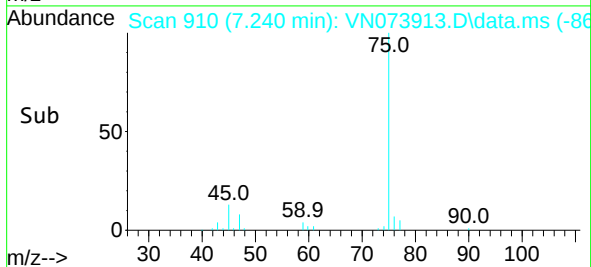
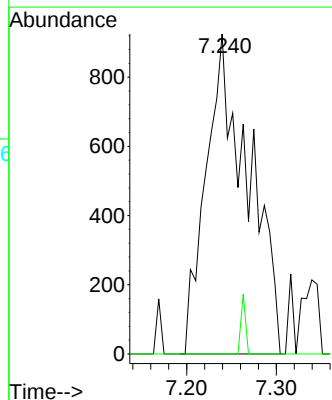
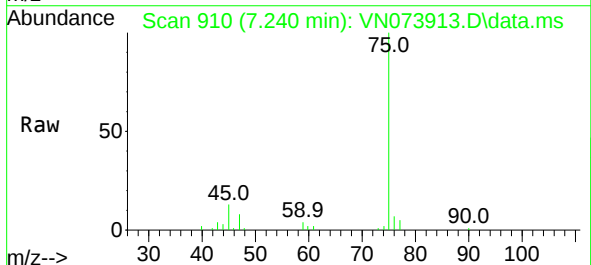
Instrument :
MSVOA_N
ClientSampleId :
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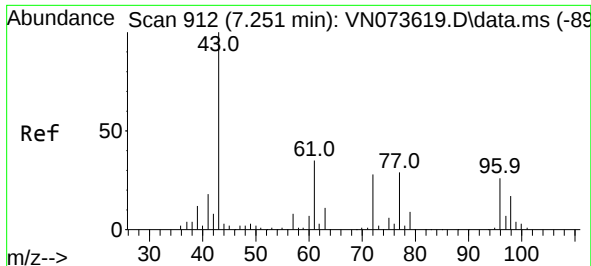
Tgt Ion: 43 Resp: 5432
Ion Ratio Lower Upper
43 100
74 24.9 21.6 32.4



#25
2-Butanone
Concen: 0.629 ug/l
RT: 7.240 min Scan# 910
Delta R.T. -0.017 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion: 43 Resp: 3022
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

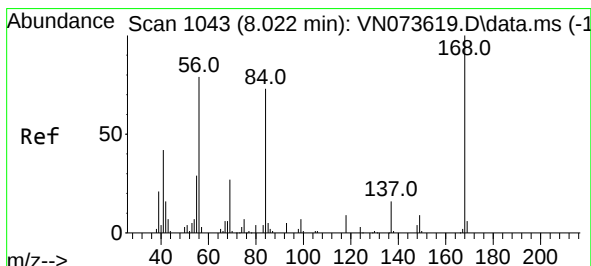
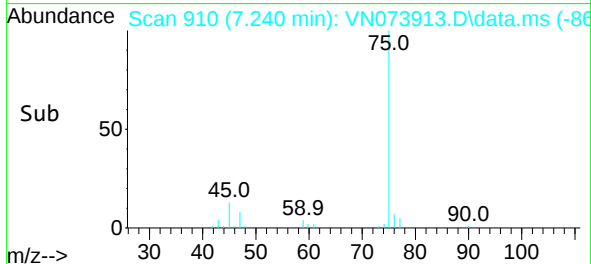
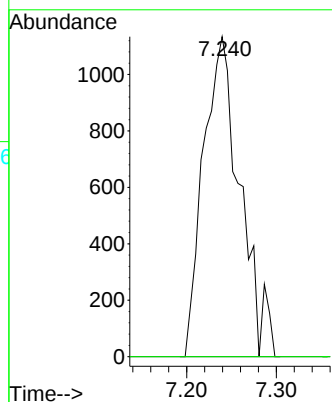
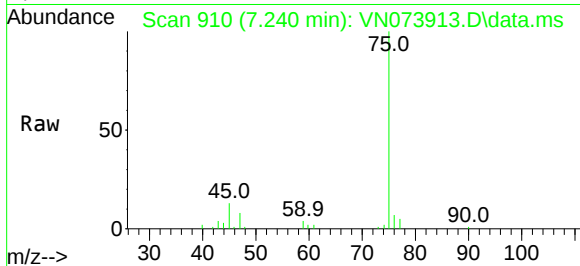




#26
2,2-Dichloropropane
Concen: 0.337 ug/l
RT: 7.240 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

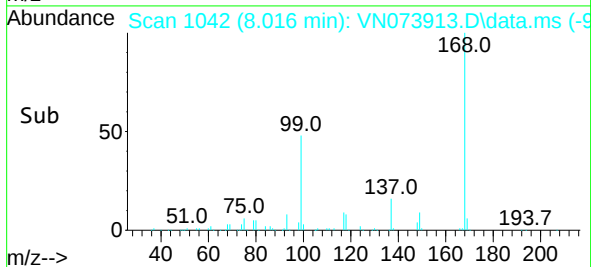
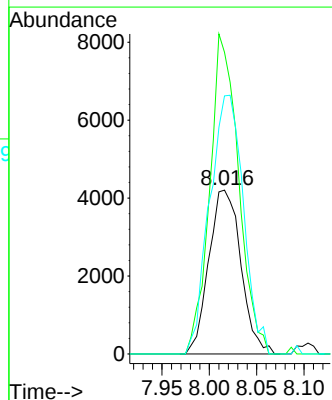
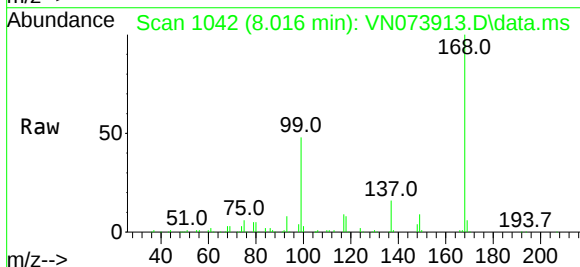
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

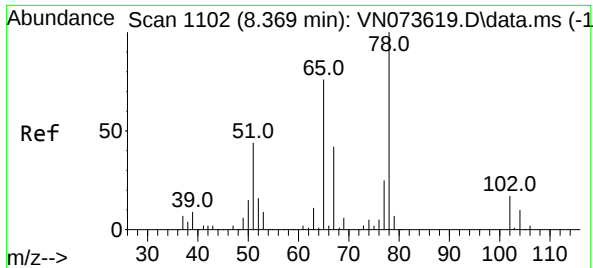
Tgt Ion: 77 Resp: 3221
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.105 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion: 56 Resp: 9896
Ion Ratio Lower Upper
56 100
69 184.0 27.8 41.8#
84 157.5 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.193 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073913.D

Acq: 15 Aug 2022 23:15

Instrument :

MSVOA_N

ClientSampleId :

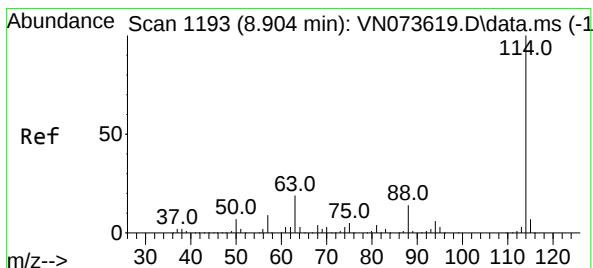
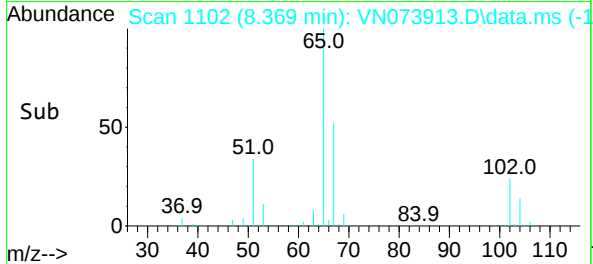
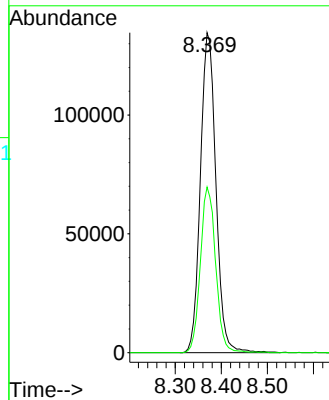
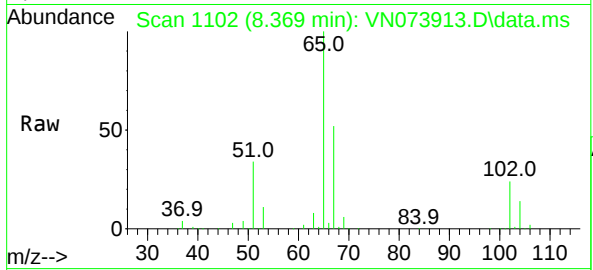
VN0815WBL02

Tgt Ion: 65 Resp: 316039

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073913.D

Acq: 15 Aug 2022 23:15

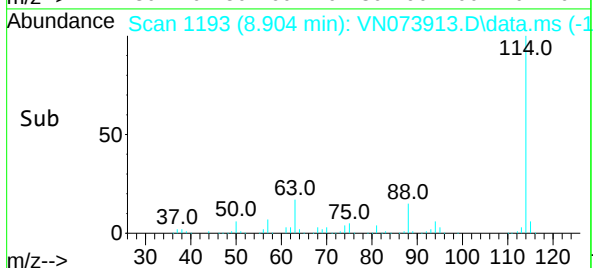
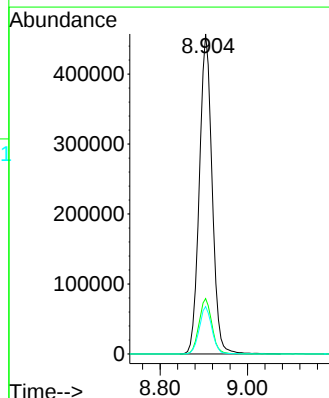
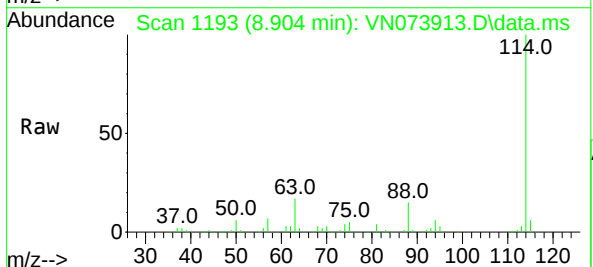
Tgt Ion: 114 Resp: 928792

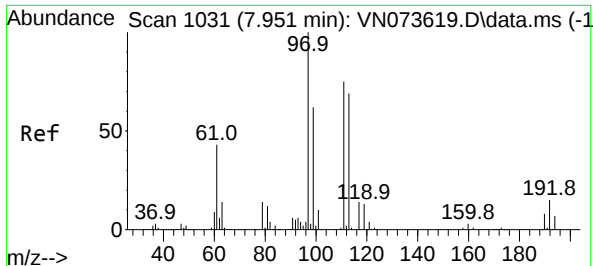
Ion Ratio Lower Upper

114 100

63 17.3 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.885 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073913.D

Acq: 15 Aug 2022 23:15

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBL02

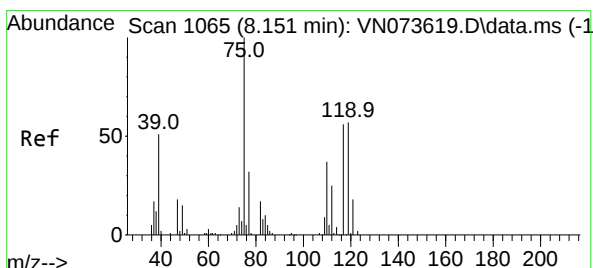
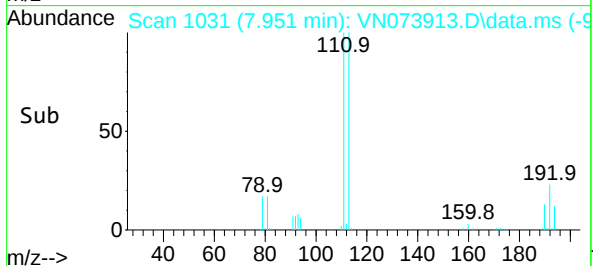
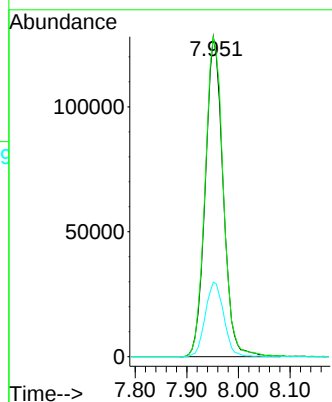
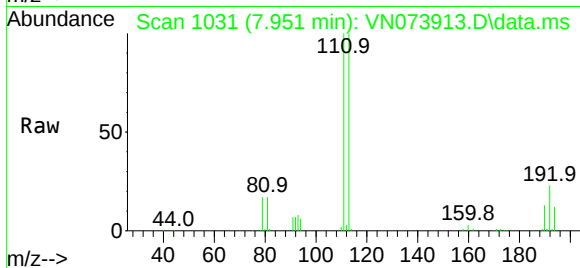
Tgt Ion:113 Resp: 306966

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 24.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.454 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073913.D

Acq: 15 Aug 2022 23:15

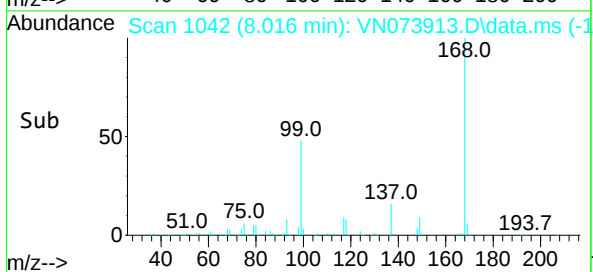
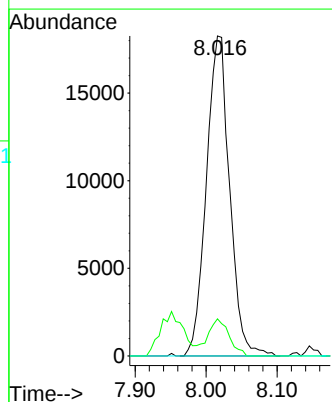
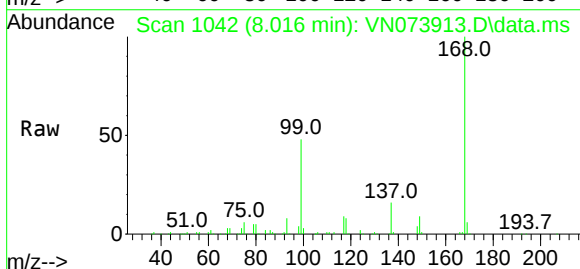
Tgt Ion: 75 Resp: 41607

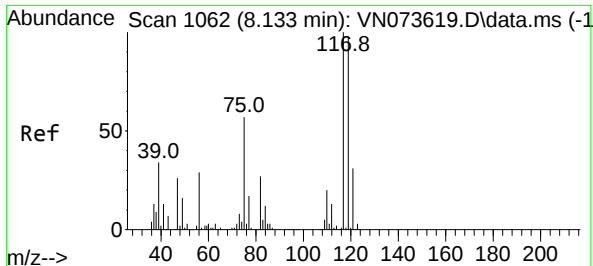
Ion Ratio Lower Upper

75 100

110 10.6 18.3 54.8#

77 0.0 25.1 37.7#

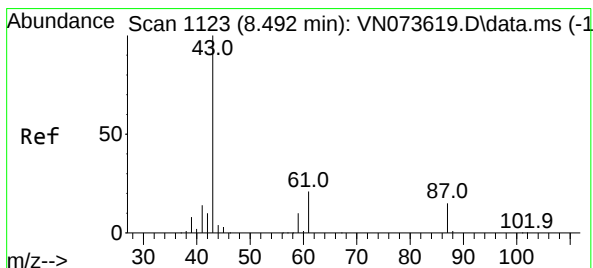
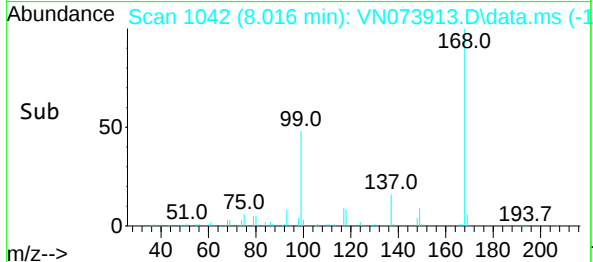
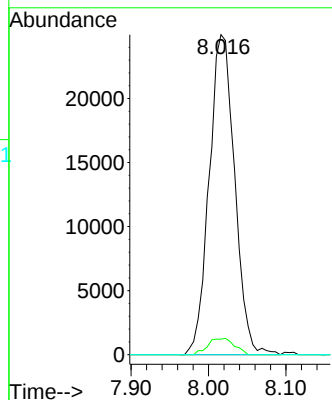
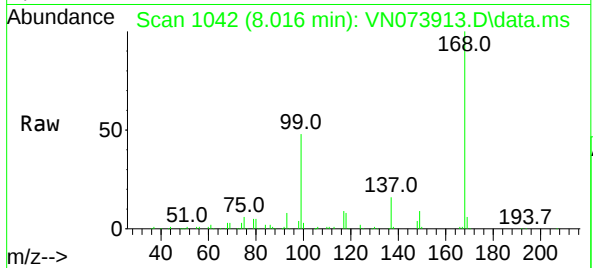




#38
Carbon Tetrachloride
Concen: 6.552 ug/l
RT: 8.016 min Scan# 1117
Delta R.T. -0.118 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

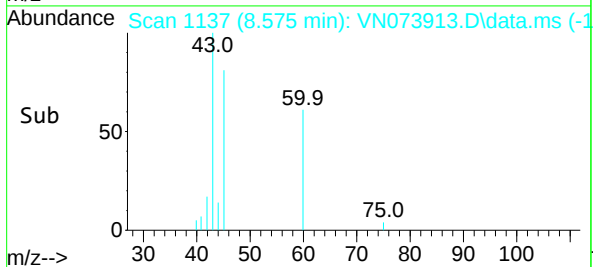
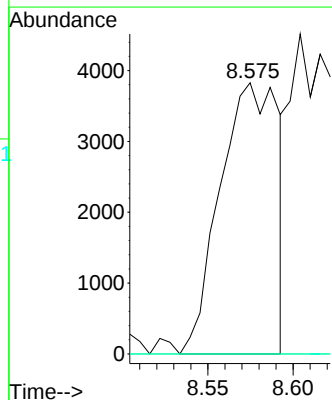
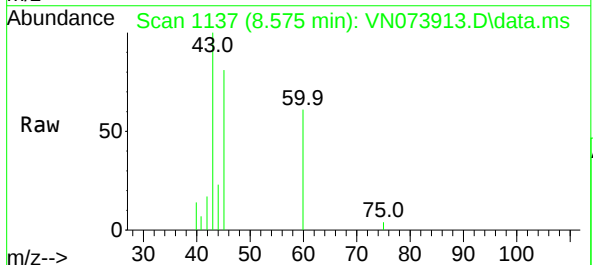
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

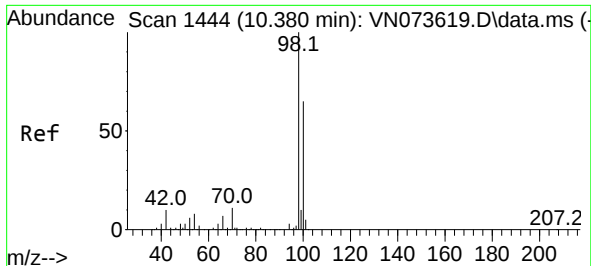
Tgt Ion:117 Resp: 57134
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.692 ug/l
RT: 8.575 min Scan# 1137
Delta R.T. 0.082 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion: 43 Resp: 9112
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

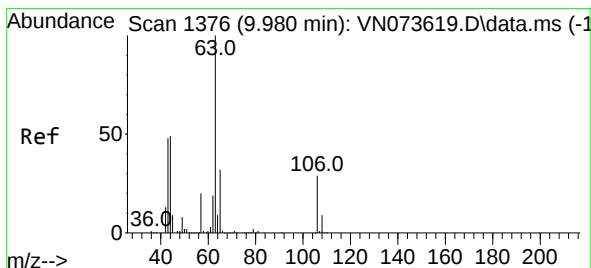
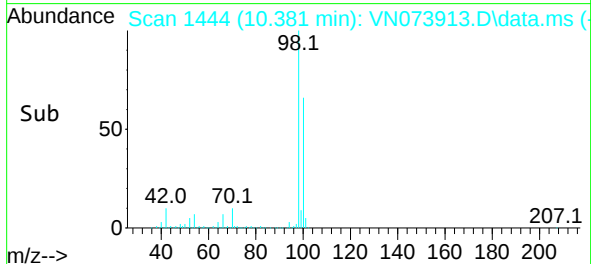
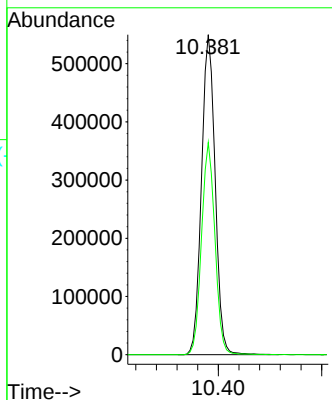
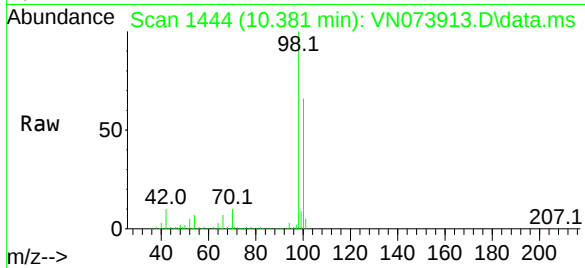




#50
Toluene-d8
Concen: 47.364 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

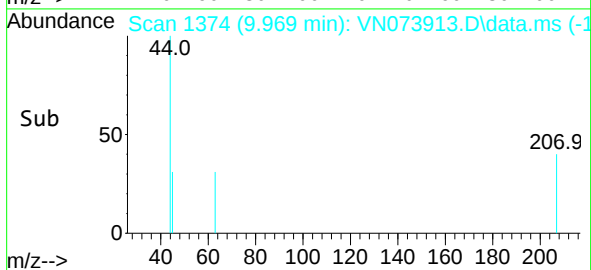
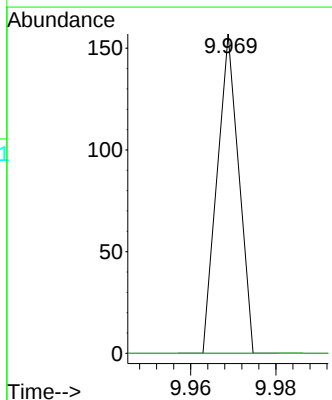
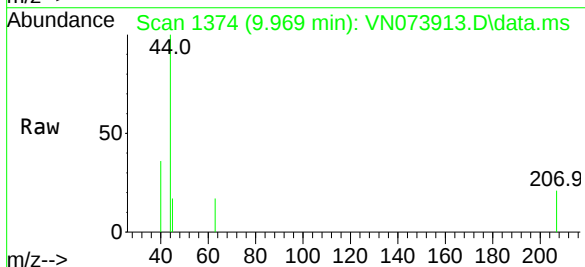
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

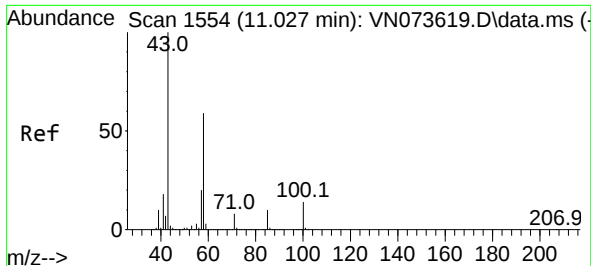
Tgt Ion: 98 Resp: 1007581
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.969 min Scan# 1374
Delta R.T. -0.011 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion: 63 Resp: 55
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

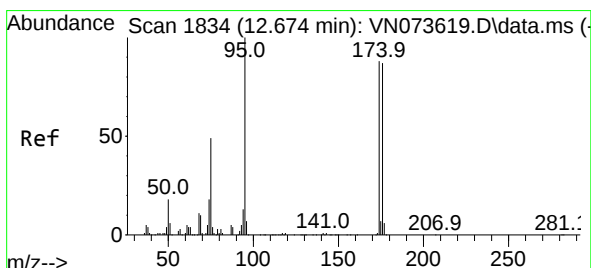
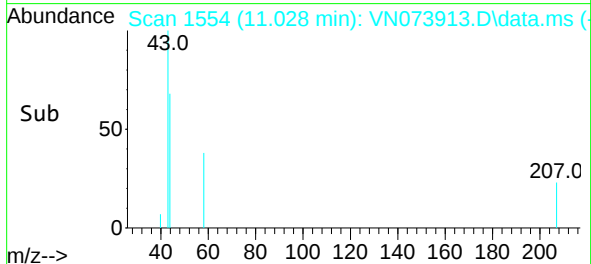
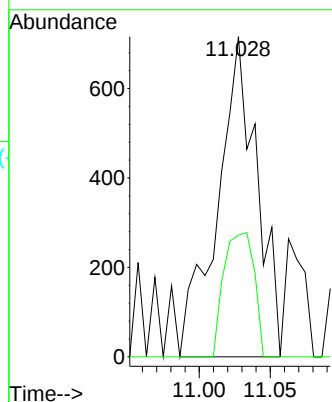
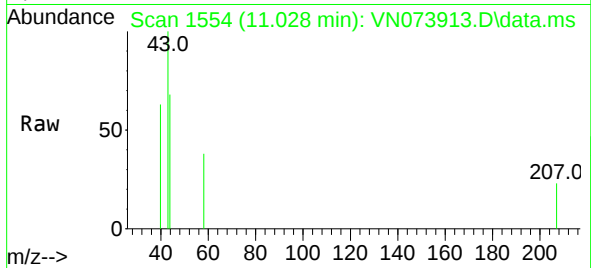




#59
2-Hexanone
Concen: 0.202 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

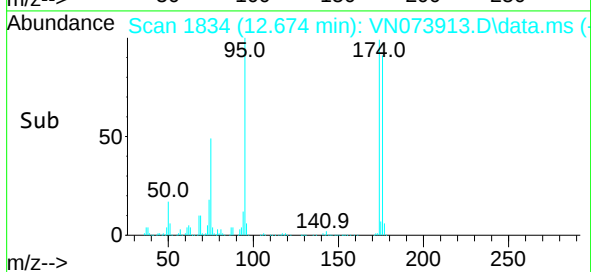
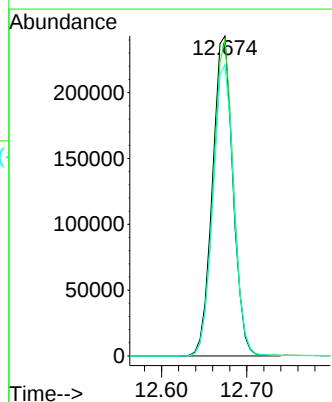
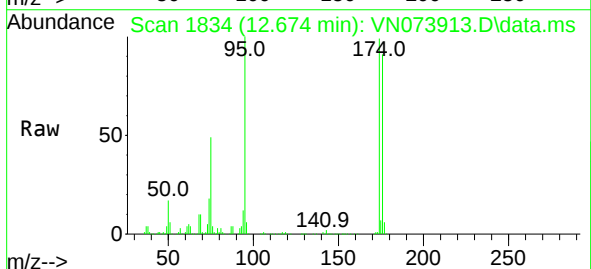
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

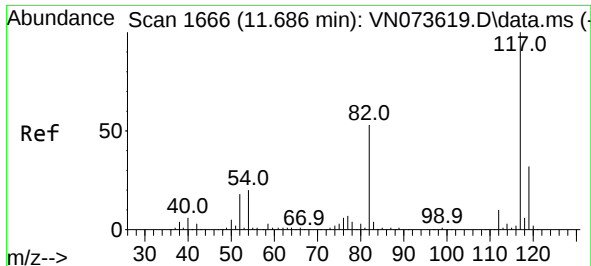
Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
58 29.7 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 57.446 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion: 95 Resp: 405576
Ion Ratio Lower Upper
95 100
174 97.4 0.0 167.6
176 92.5 0.0 163.4

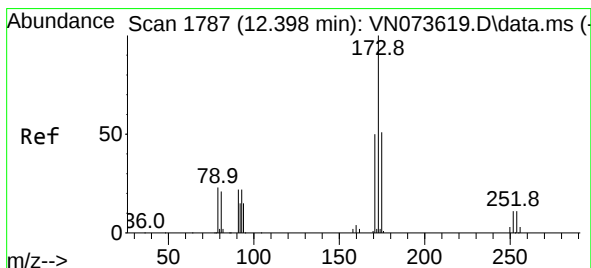
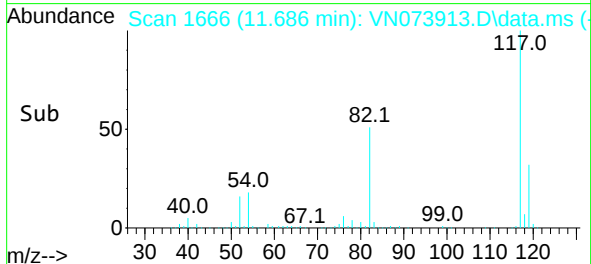
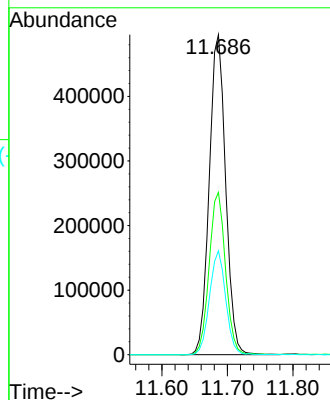
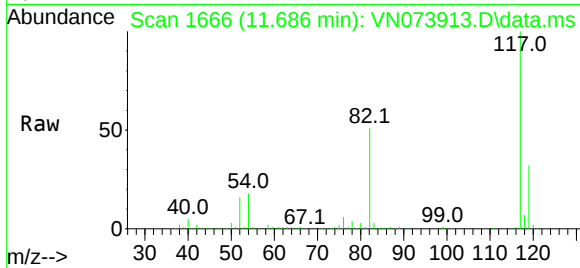




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

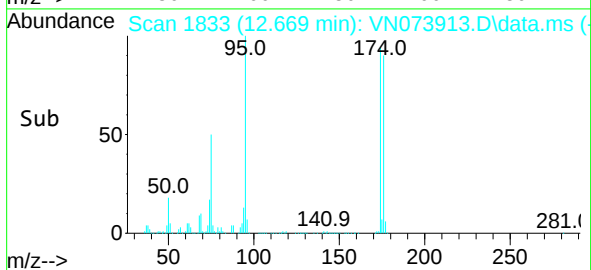
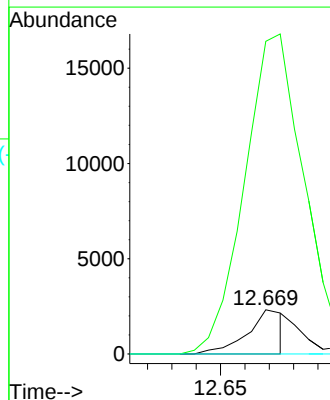
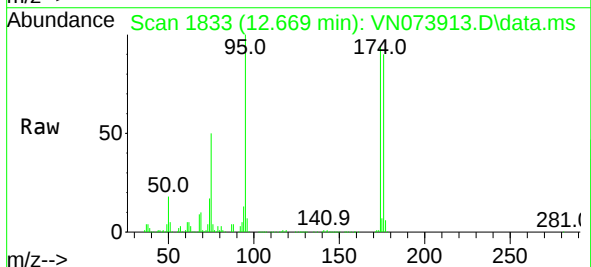
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

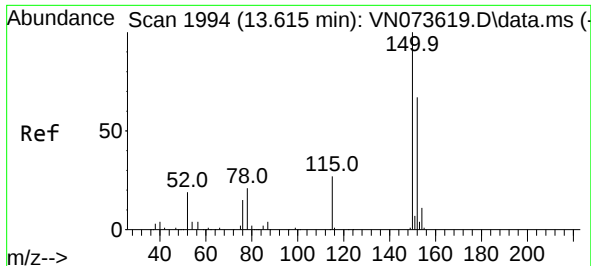
Tgt Ion:117 Resp: 861721
Ion Ratio Lower Upper
117 100
82 50.7 44.2 66.2
119 32.5 25.4 38.0



#71
Bromoform
Concen: 0.392 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion:173 Resp: 2427
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

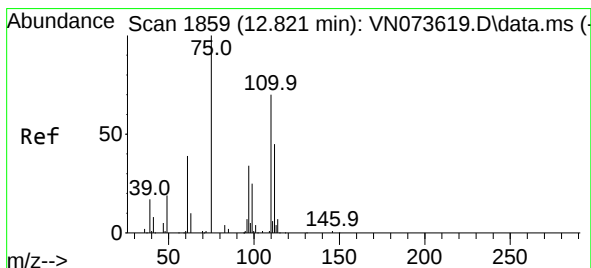
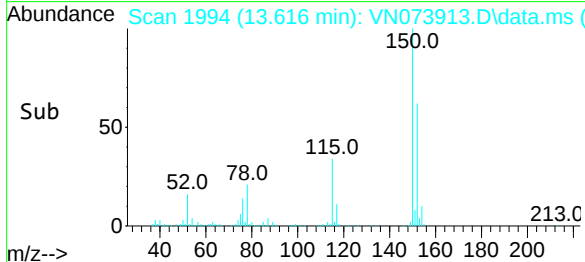
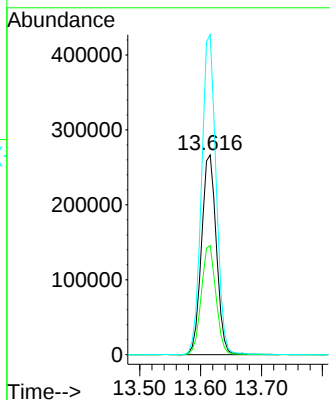
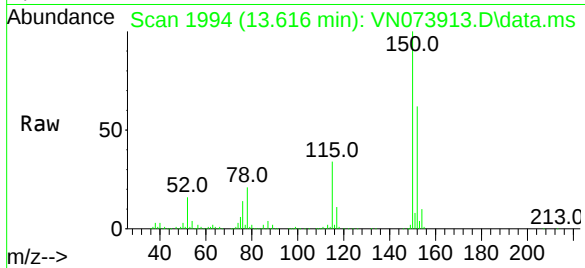




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073913.D
 Acq: 15 Aug 2022 23:15

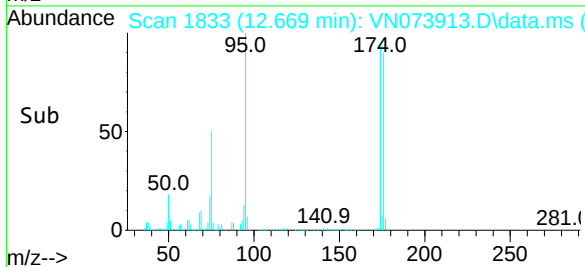
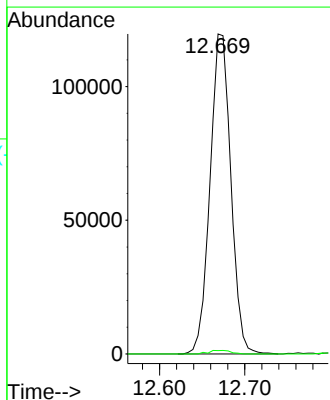
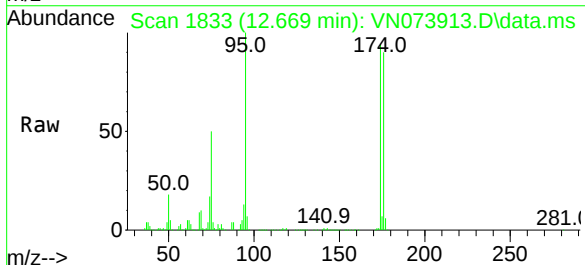
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBL02

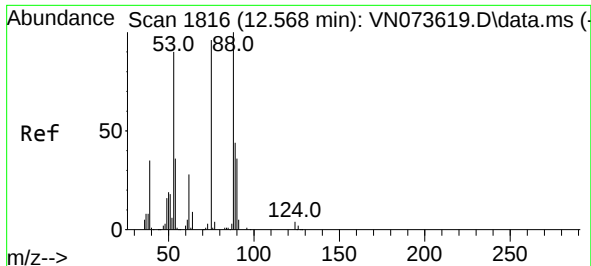
Tgt Ion:152 Resp: 452696
 Ion Ratio Lower Upper
 152 100
 115 53.9 28.9 86.7
 150 157.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.117 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.152 min
 Lab File: VN073913.D
 Acq: 15 Aug 2022 23:15

Tgt Ion: 75 Resp: 202954
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

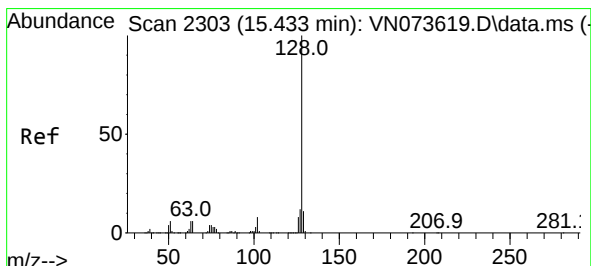
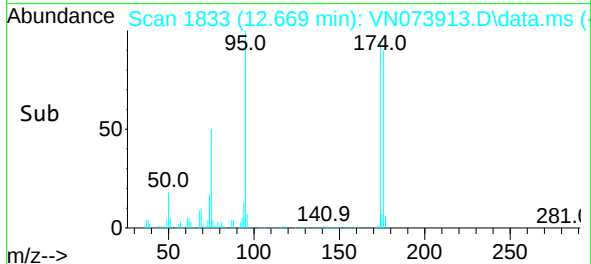
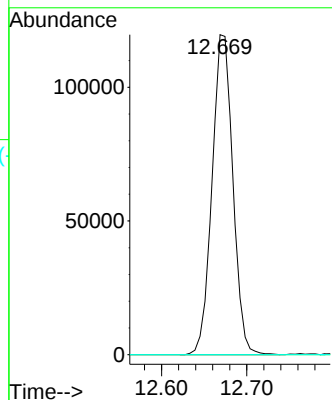
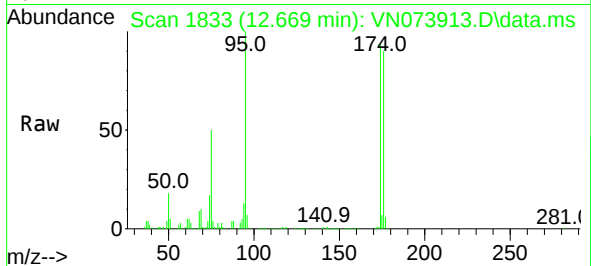




#81
trans-1,4-Dichloro-2-butene
Concen: 61.348 ug/l
RT: 12.669 min Scan# 1816
Delta R.T. 0.100 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

Tgt Ion: 75 Resp: 202954
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.245 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073913.D
Acq: 15 Aug 2022 23:15

Tgt Ion: 128 Resp: 7762
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 12.0 8.6 13.0

