

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073754.D
 Acq On : 05 Aug 2022 11:39
 Operator : JC\MD
 Sample : VN0805WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBL01

Quant Time: Aug 07 20:46:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

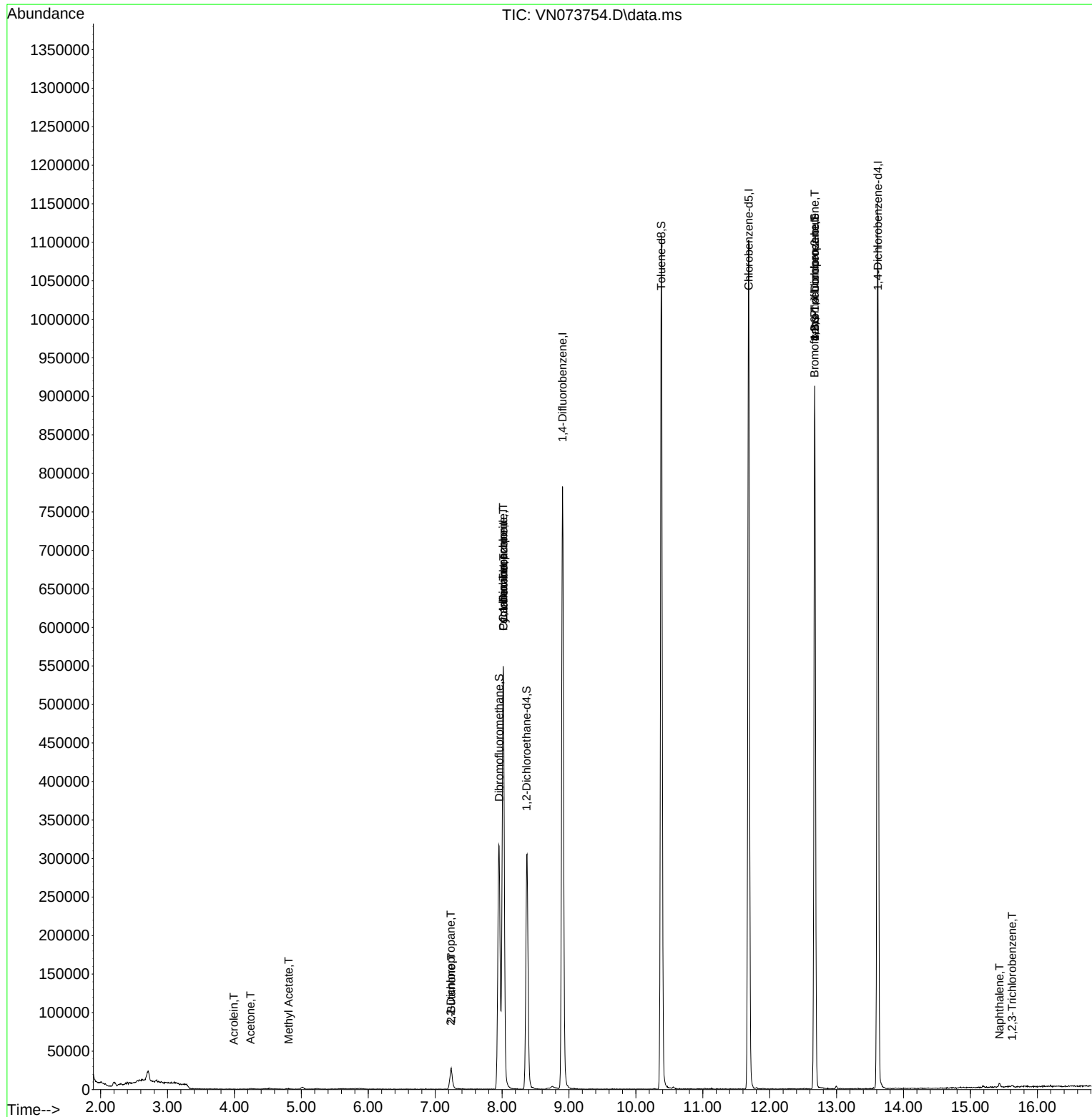
Internal Standards						
1) Pentafluorobenzene	8.022	168	451050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	713838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	670825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	327878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	254802	46.355	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.700%
35) Dibromofluoromethane	7.957	113	239605	53.454	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.900%
50) Toluene-d8	10.380	98	785579	44.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.674	95	296981	50.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1117	Below Cal		89
6) Chloroethane	2.957	64	322	Below Cal	#	42
13) Acrolein	3.992	56	259	0.220	ug/l #	41
16) Acetone	4.240	43	859	0.291	ug/l #	72
18) Methyl Acetate	4.810	43	1932	0.263	ug/l #	62
20) Methylene Chloride	5.010	84	1984	Below Cal	#	83
25) 2-Butanone	7.239	43	1325	0.289	ug/l #	45
26) 2,2-Dichloropropane	7.233	77	1645	0.235	ug/l #	53
31) Cyclohexane	8.022	56	8620	1.053	ug/l #	35
36) 1,1-Dichloropropene	8.016	75	32458	5.081	ug/l #	48
38) Carbon Tetrachloride	8.016	117	42818	6.599	ug/l #	17
71) Bromoform	12.668	173	1873	0.444	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	153319	23.839	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	153319	60.599	ug/l #	10
95) Naphthalene	15.433	128	5753	0.309	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.621	180	1344	0.222	ug/l	72

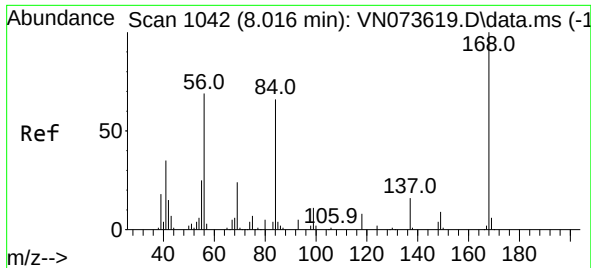
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN073754.D
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Sample : VN0805WBL01
Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N
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VN0805WBL01

Quant Time: Aug 07 20:46:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

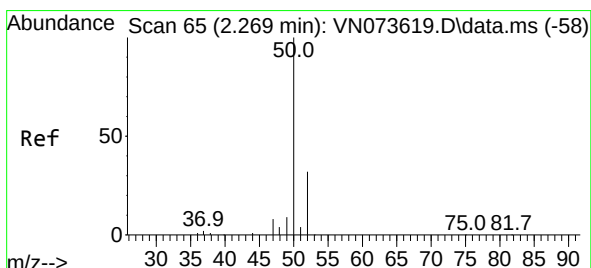
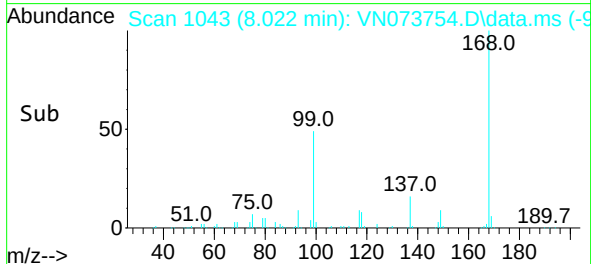
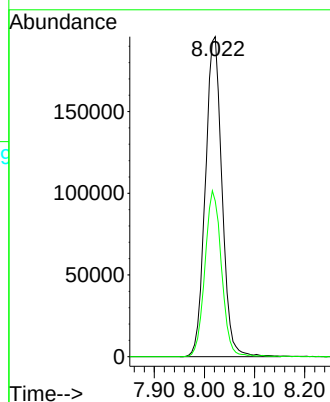
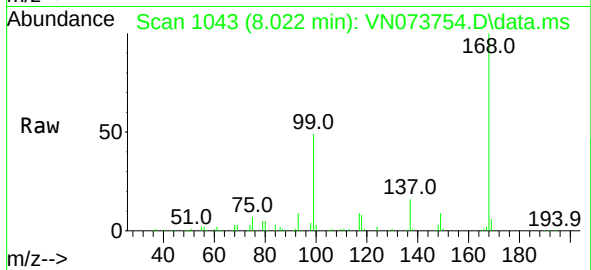




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

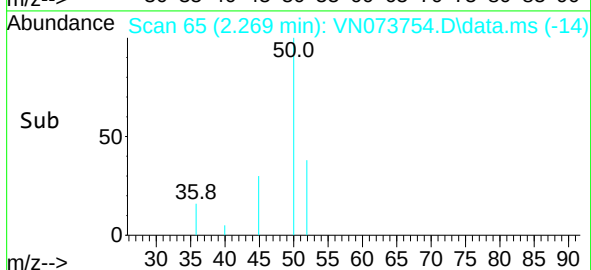
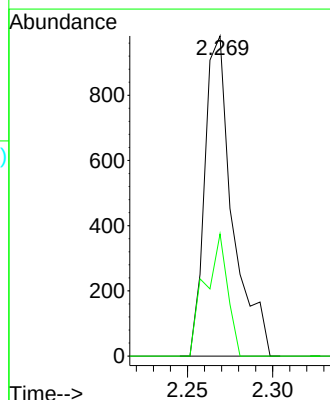
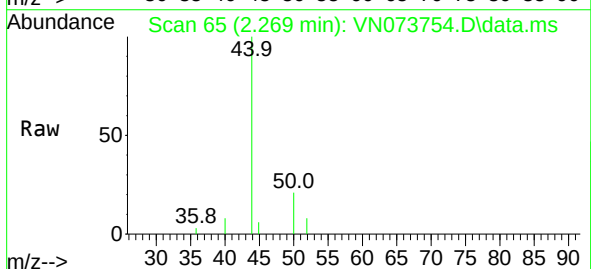
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

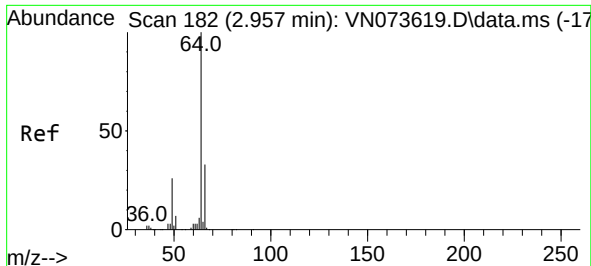
Tgt Ion:168 Resp: 451050
Ion Ratio Lower Upper
168 100
99 48.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 50 Resp: 1117
Ion Ratio Lower Upper
50 100
52 38.2 25.7 38.5

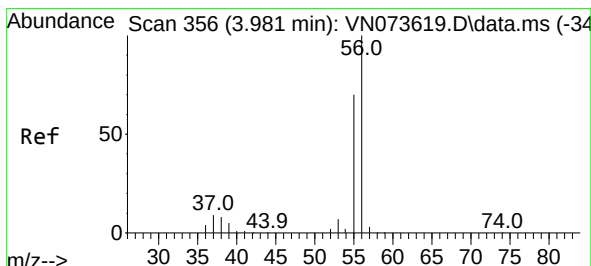
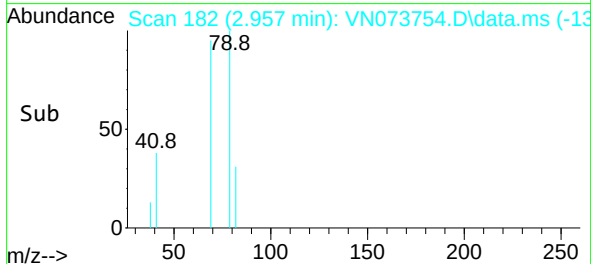
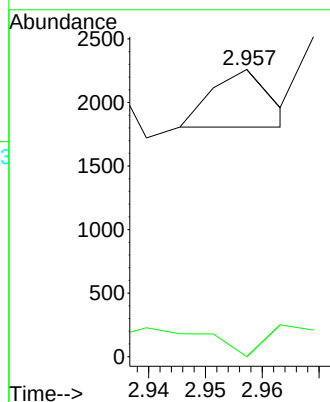
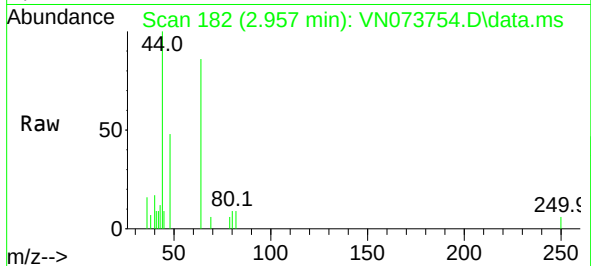




#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

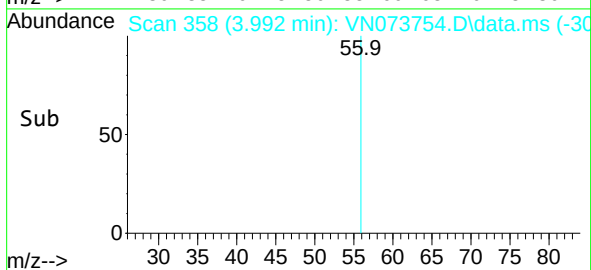
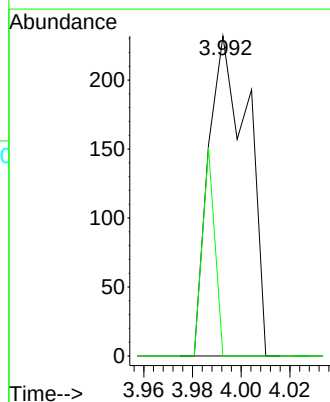
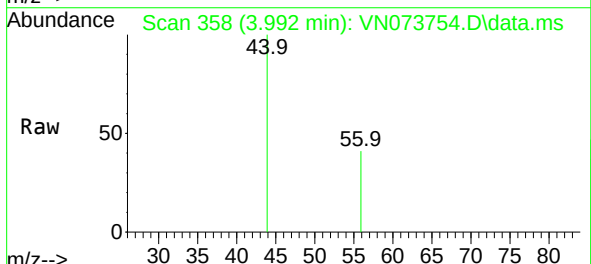
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

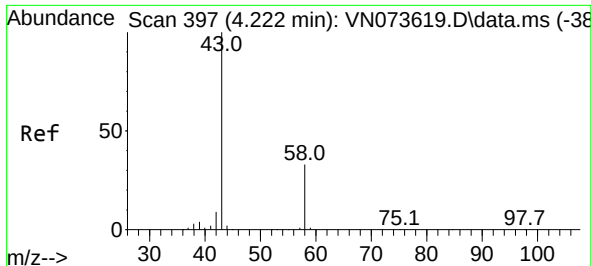
Tgt Ion: 64 Resp: 322
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#13
Acrolein
Concen: 0.220 ug/l
RT: 3.992 min Scan# 358
Delta R.T. 0.011 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 20.5 54.8 82.2#





#16

Acetone

Concen: 0.291 ug/l

RT: 4.240 min Scan# 400

Delta R.T. 0.018 min

Lab File: VN073754.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

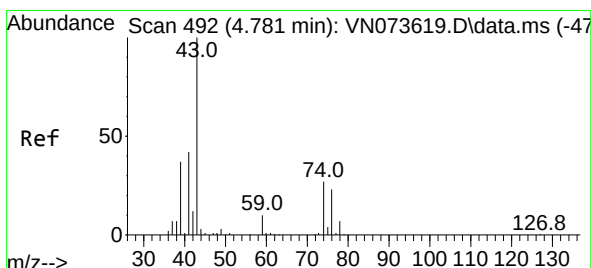
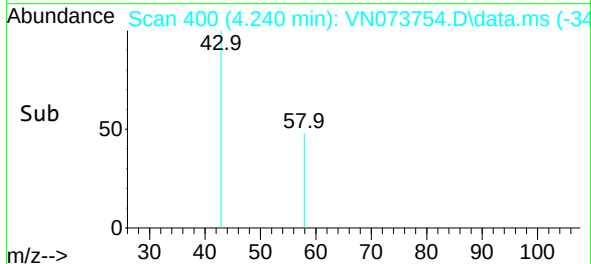
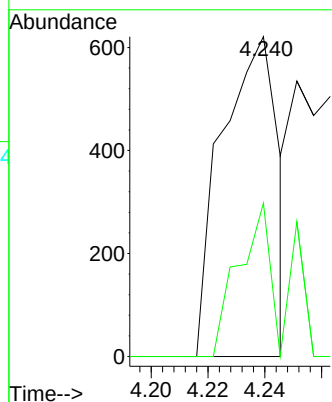
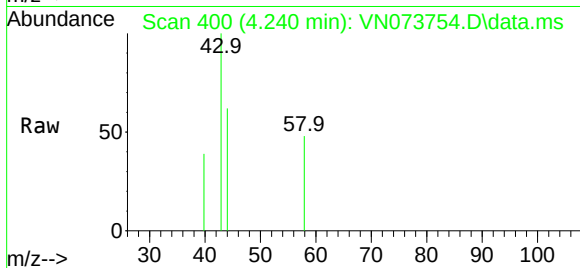
VN0805WBL01

Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

43 100

58 48.0 26.0 39.0#



#18

Methyl Acetate

Concen: 0.263 ug/l

RT: 4.810 min Scan# 497

Delta R.T. 0.029 min

Lab File: VN073754.D

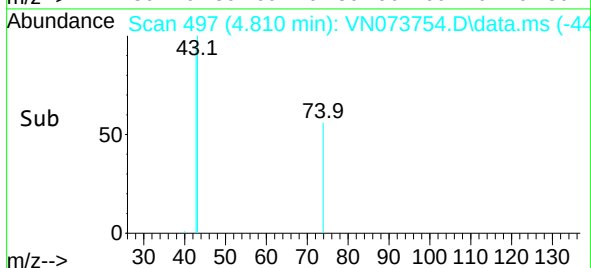
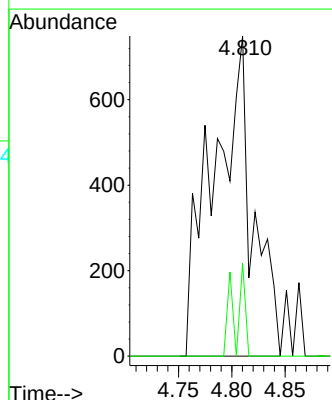
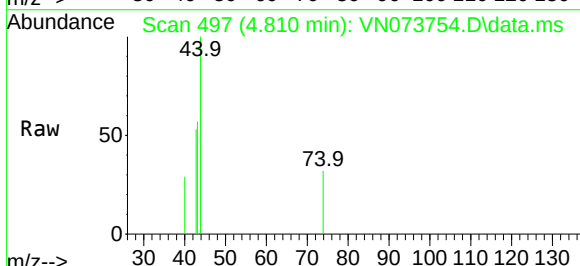
Acq: 05 Aug 2022 11:39

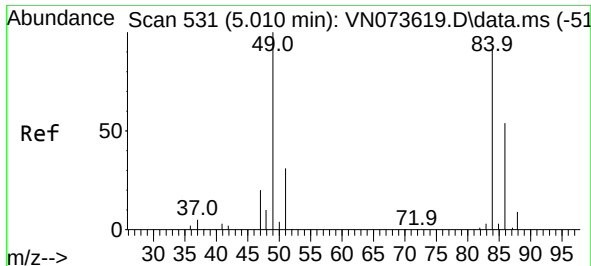
Tgt Ion: 43 Resp: 1932

Ion Ratio Lower Upper

43 100

74 7.6 21.6 32.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.010 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN073754.D

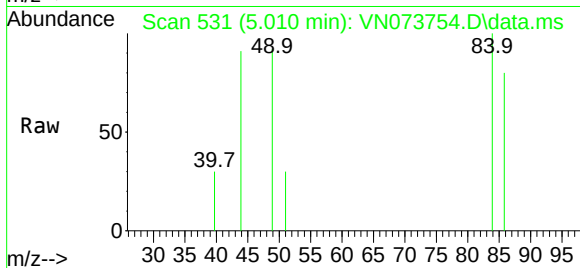
Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBL01



Tgt Ion: 84 Resp: 1984

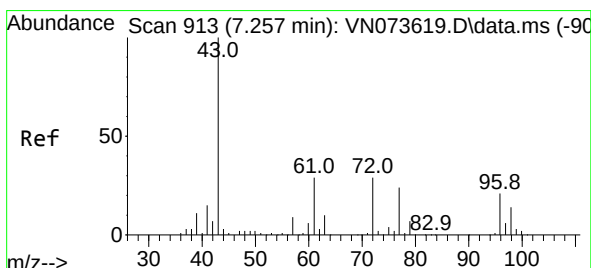
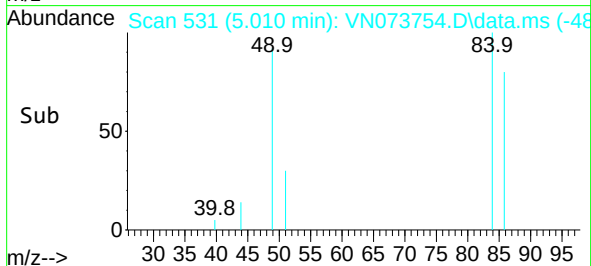
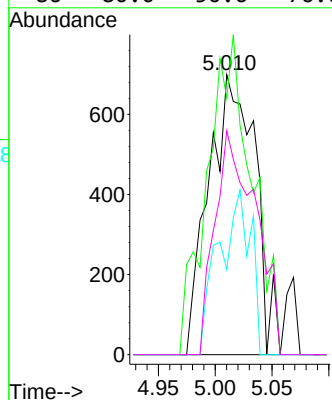
Ion Ratio Lower Upper

84 100

49 91.7 88.3 132.5

51 30.5 28.2 42.2

86 80.0 50.6 76.0#



#25

2-Butanone

Concen: 0.289 ug/l

RT: 7.239 min Scan# 910

Delta R.T. -0.018 min

Lab File: VN073754.D

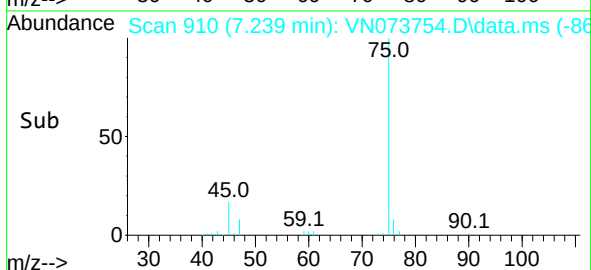
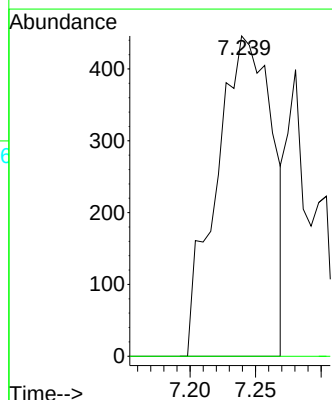
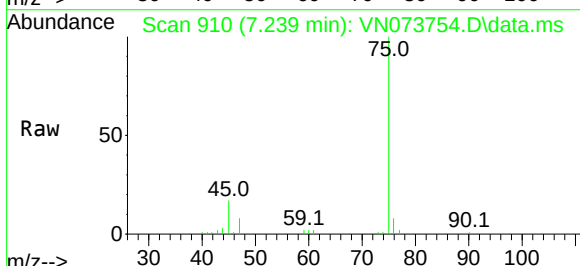
Acq: 05 Aug 2022 11:39

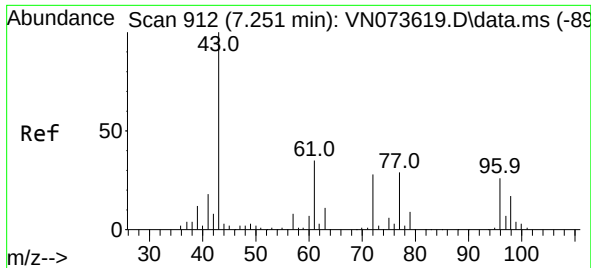
Tgt Ion: 43 Resp: 1325

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

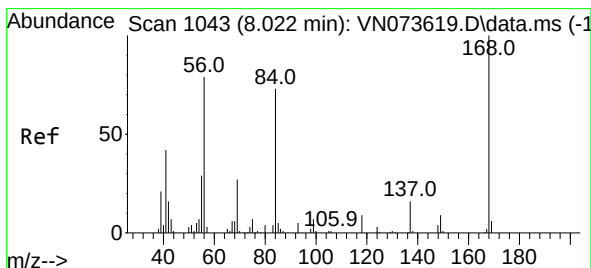
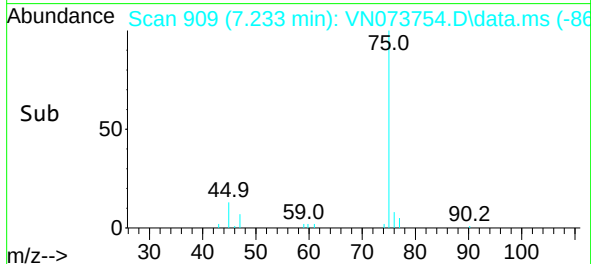
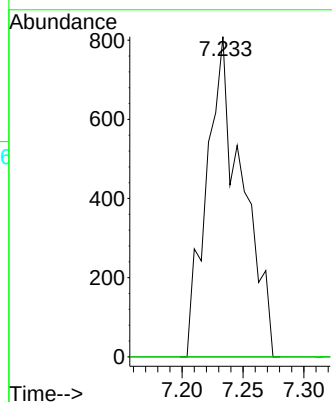
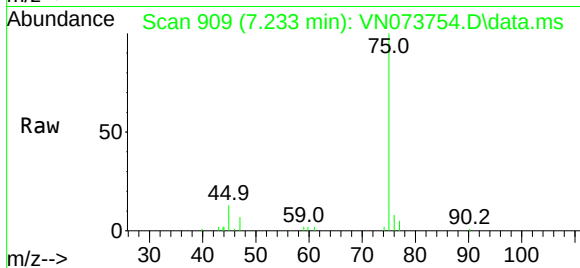




#26
2,2-Dichloropropane
Concen: 0.235 ug/l
RT: 7.233 min Scan# 909
Delta R.T. -0.018 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

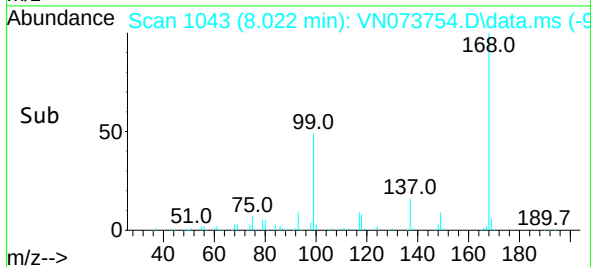
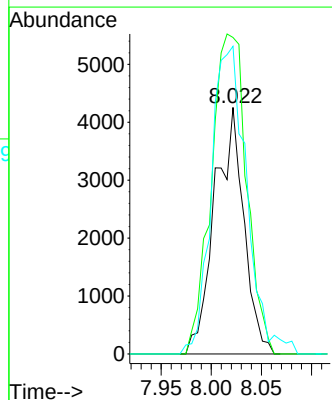
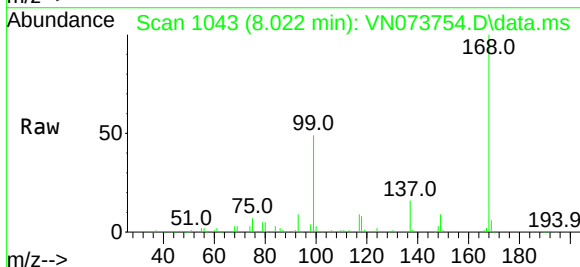
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

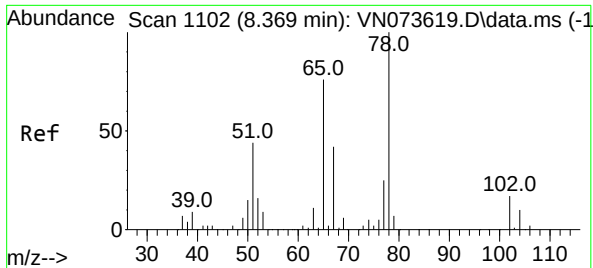
Tgt Ion: 77 Resp: 1645
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.053 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 56 Resp: 8620
Ion Ratio Lower Upper
56 100
69 128.4 27.8 41.8#
84 124.8 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.355 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073754.D

Acq: 05 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

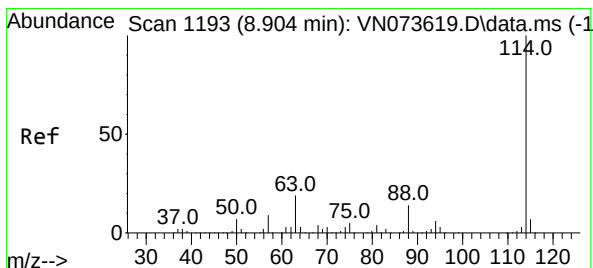
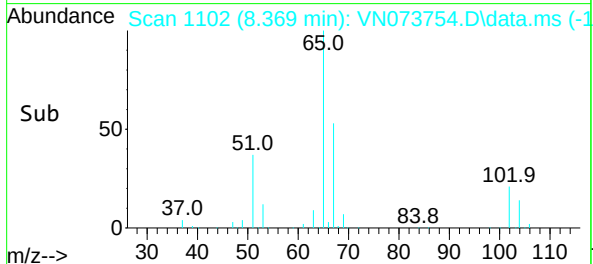
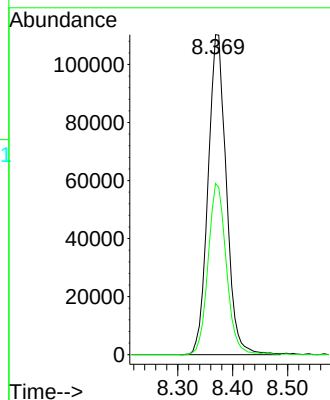
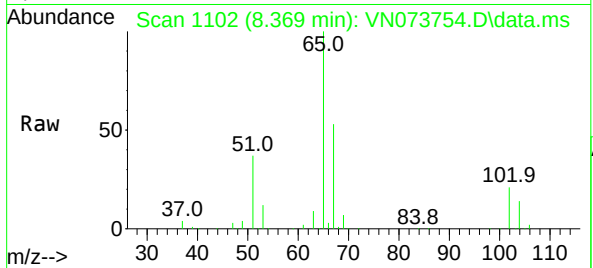
VN0805WBL01

Tgt Ion: 65 Resp: 254802

Ion Ratio Lower Upper

65 100

67 53.4 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: VN073754.D

Acq: 05 Aug 2022 11:39

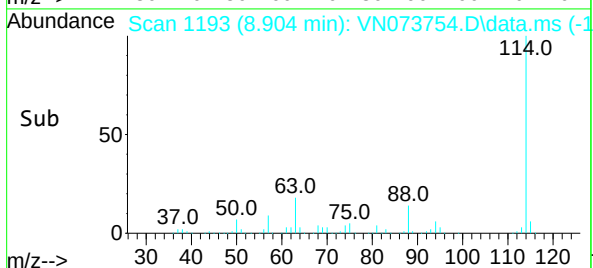
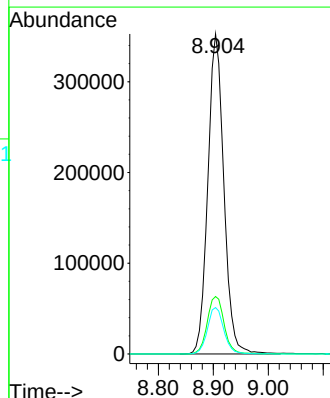
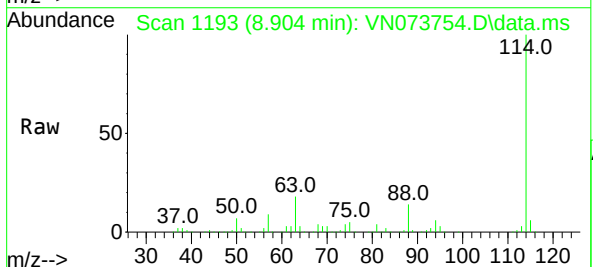
Tgt Ion: 114 Resp: 713838

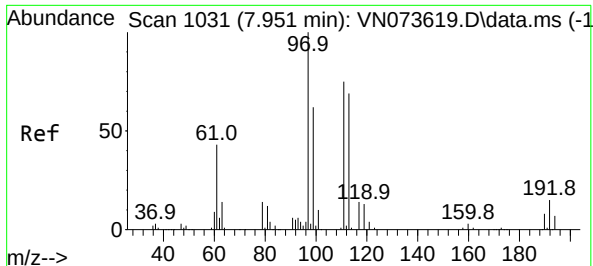
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

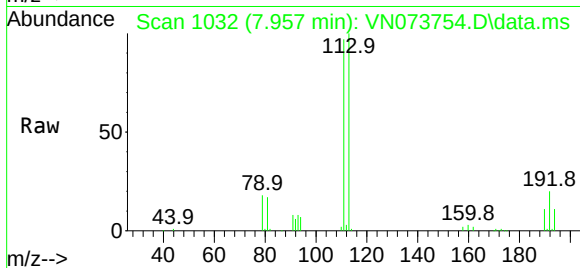
88 14.5 0.0 32.6



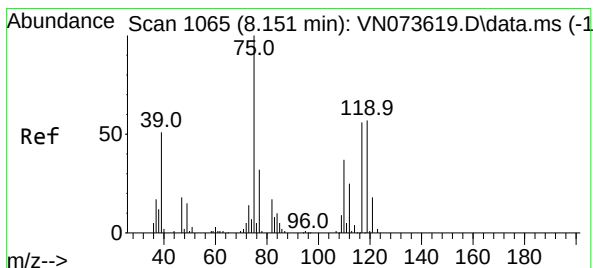
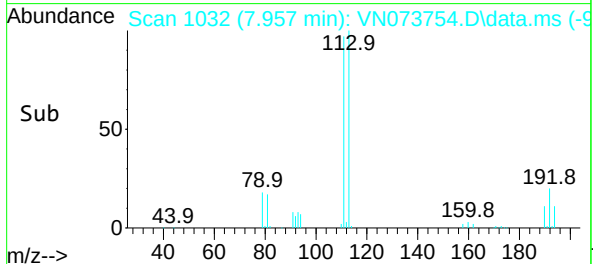
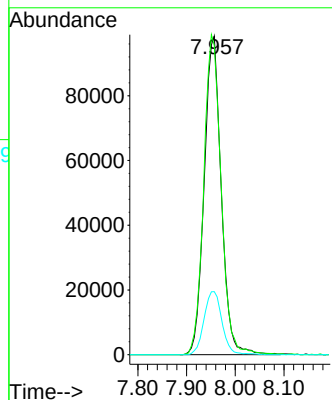


#35
Dibromofluoromethane
Concen: 53.454 ug/l
RT: 7.957 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

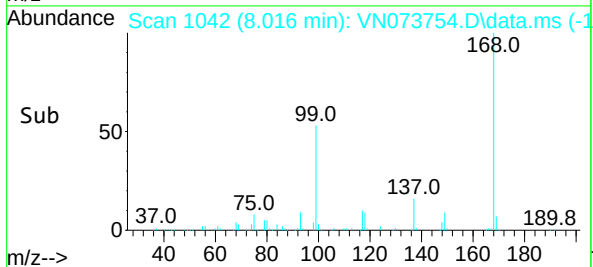
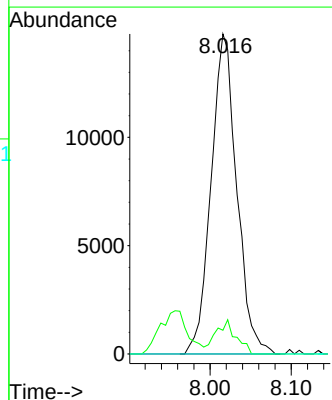
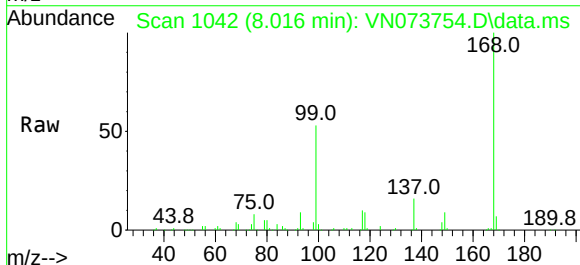


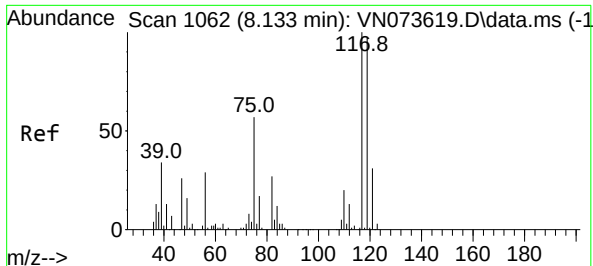
Tgt Ion:113 Resp: 239605
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 20.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.081 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 75 Resp: 32458
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 25.1 37.7#

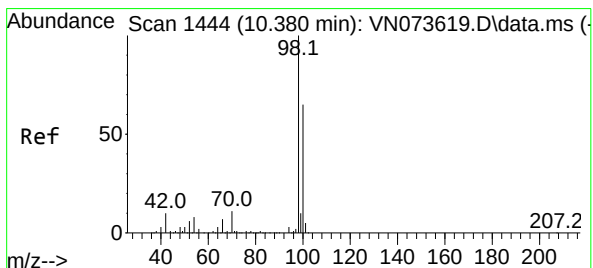
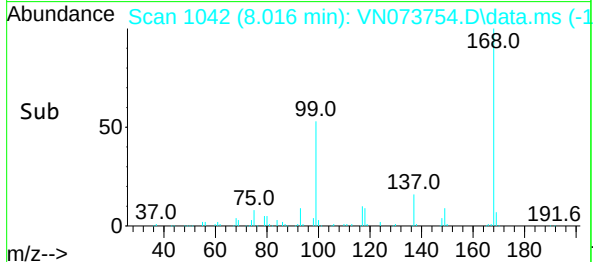
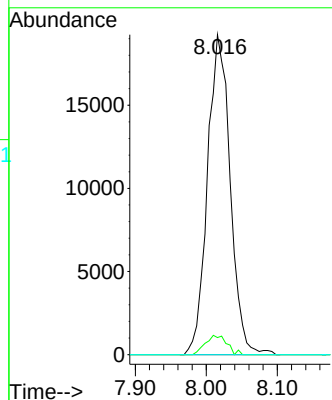
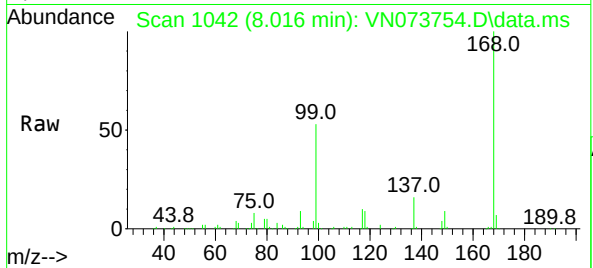




#38
Carbon Tetrachloride
Concen: 6.599 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

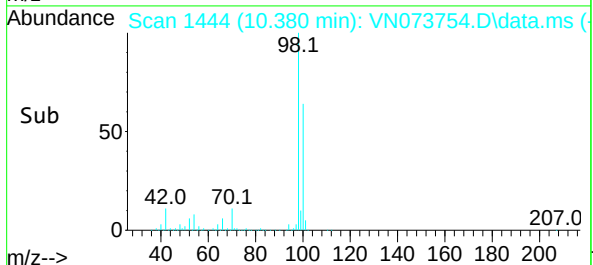
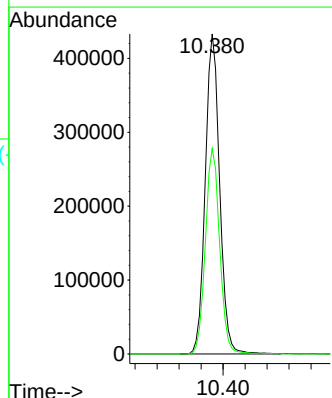
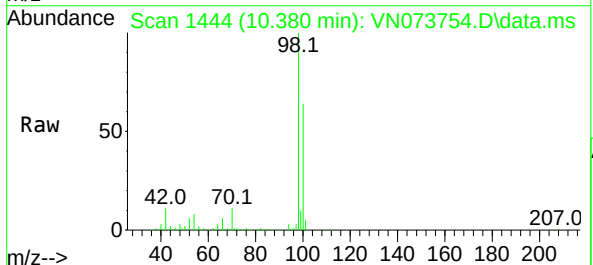
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

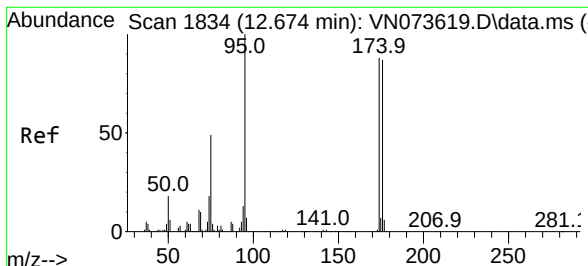
Tgt Ion:117 Resp: 42818
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.536 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 98 Resp: 785579
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

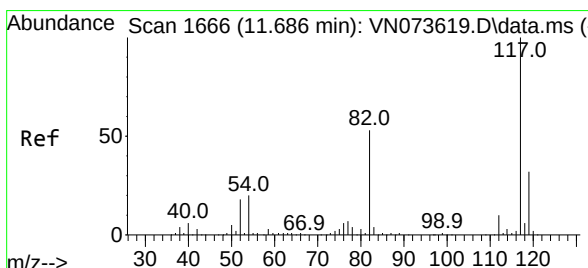
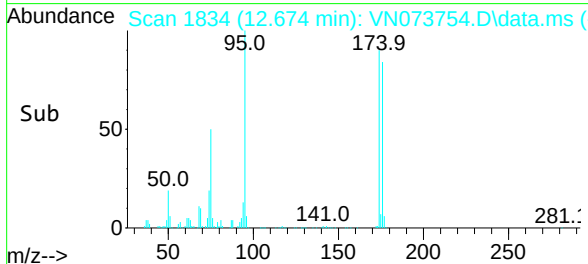
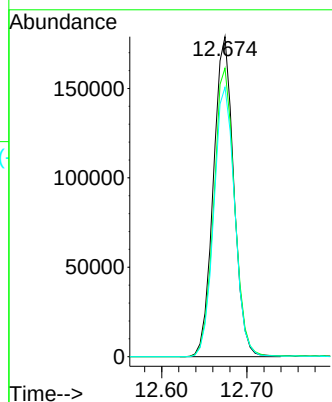
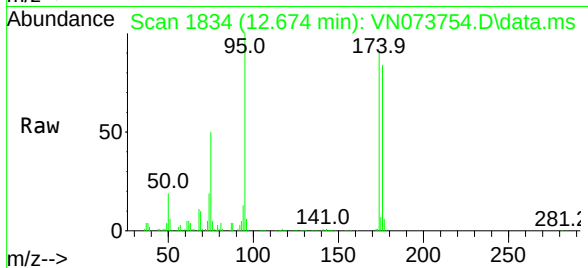




#62
4-Bromofluorobenzene
Concen: 50.330 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

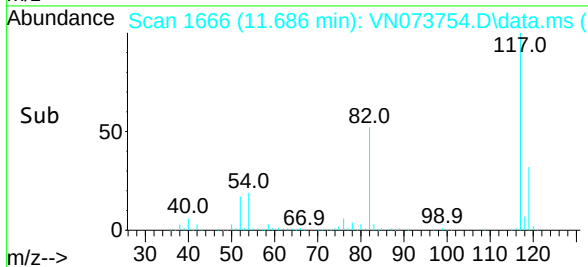
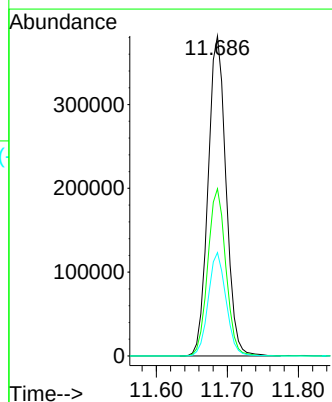
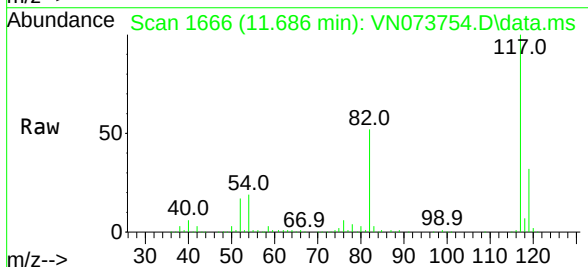
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

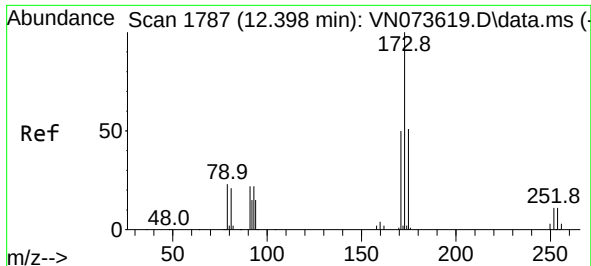
Tgt Ion: 95 Resp: 296981
Ion Ratio Lower Upper
95 100
174 91.6 0.0 167.6
176 86.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 117 Resp: 670825
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 32.3 25.4 38.0

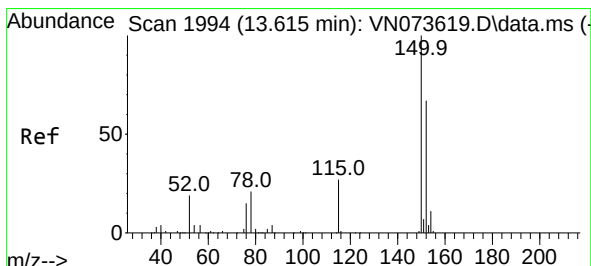
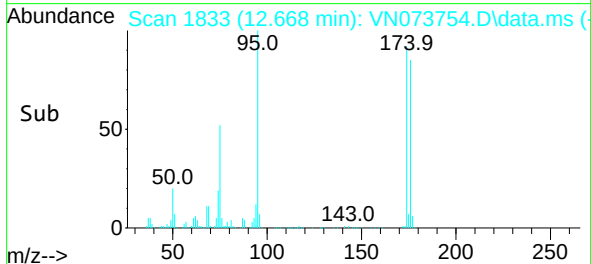
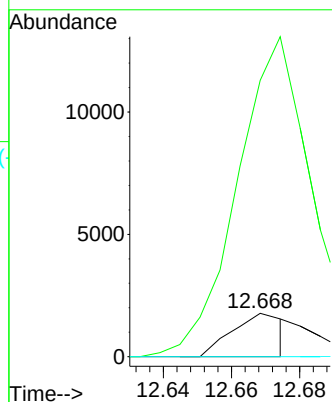
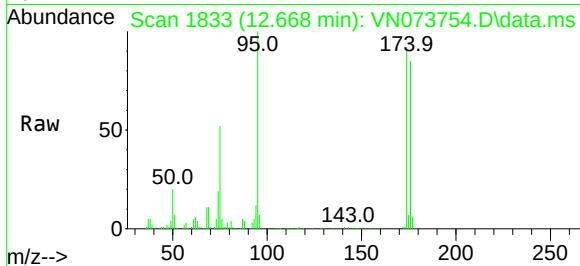




#71
Bromoform
Concen: 0.444 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

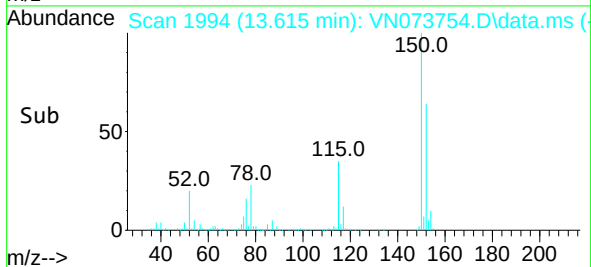
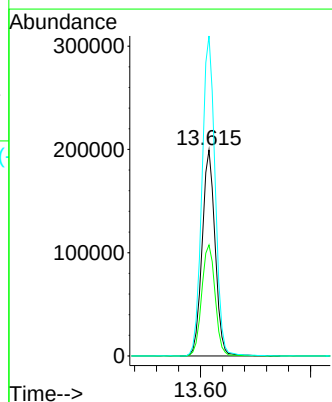
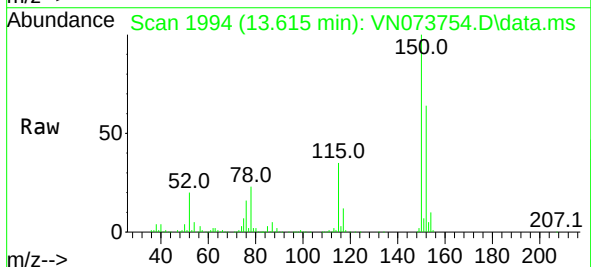
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

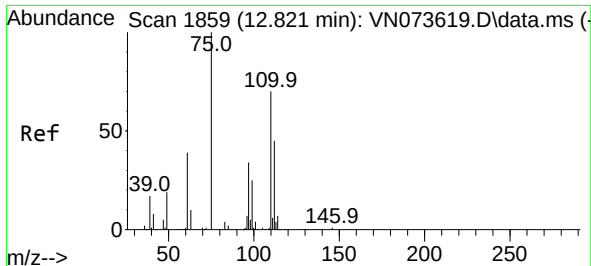
Tgt Ion:173 Resp: 1873
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Tgt Ion:152 Resp: 327878
Ion Ratio Lower Upper
152 100
115 55.7 28.9 86.7
150 157.2 0.0 356.2

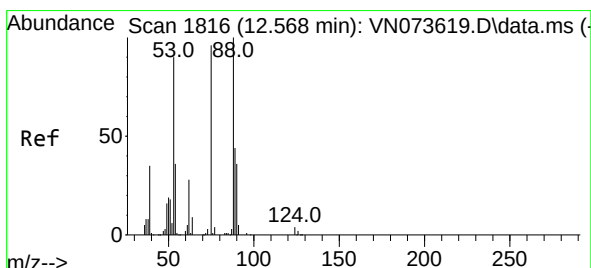
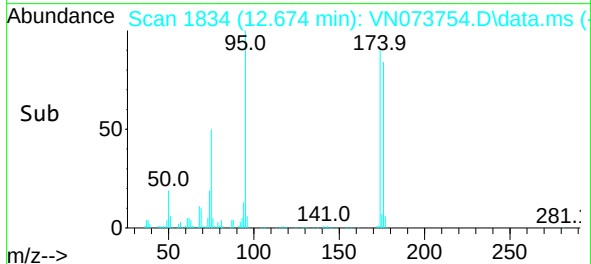
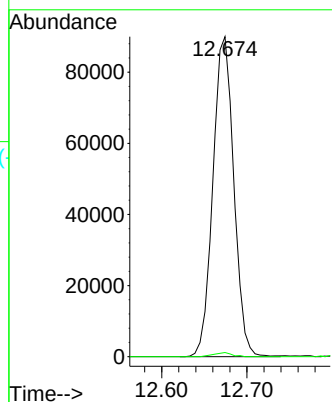
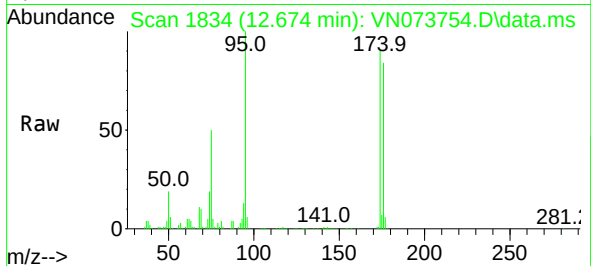




#76
1,2,3-Trichloropropane
Concen: 23.839 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

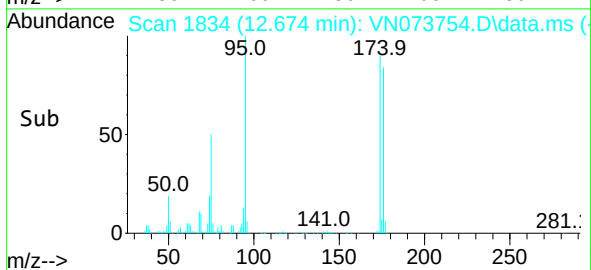
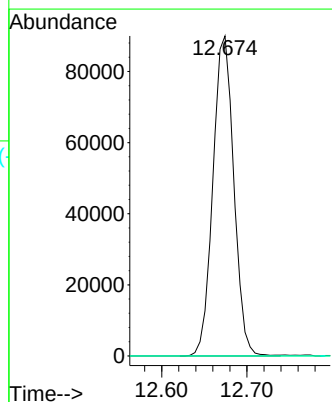
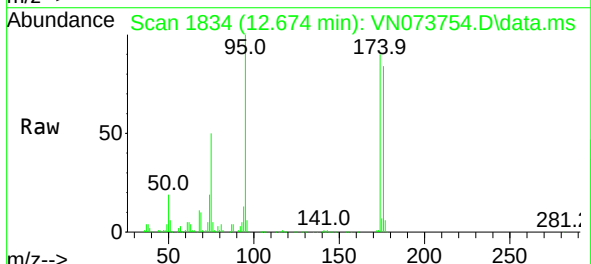
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

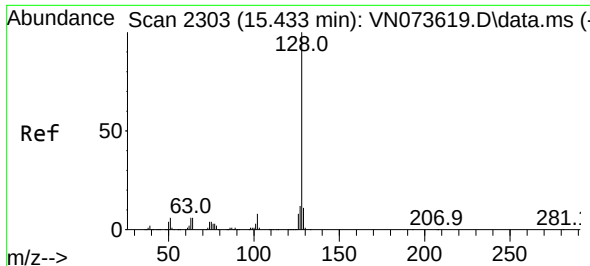
Tgt Ion: 75 Resp: 153319
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.599 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Tgt Ion: 75 Resp: 153319
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

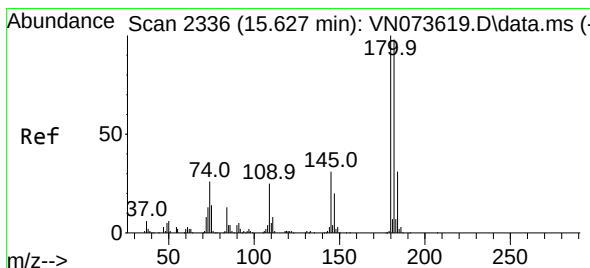
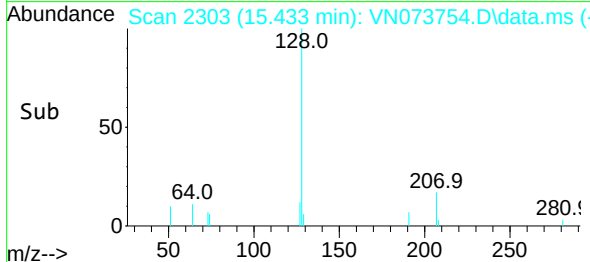
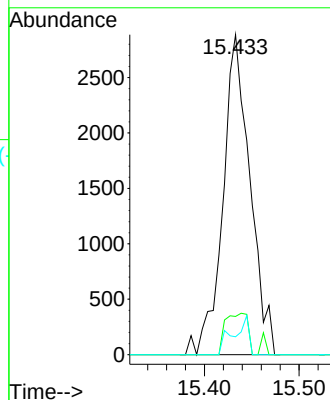
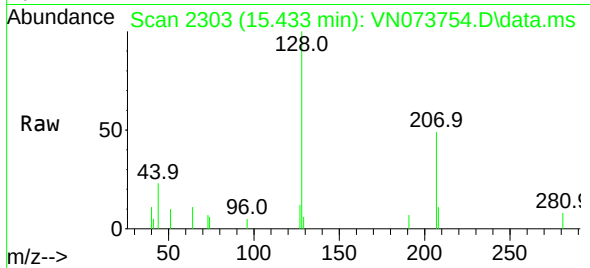




#95
Naphthalene
Concen: 0.309 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

Tgt Ion:128 Resp: 5753
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 6.8 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.222 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VN073754.D
Acq: 05 Aug 2022 11:39

Tgt Ion:180 Resp: 1344
Ion Ratio Lower Upper
180 100
182 66.7 47.8 143.3
145 18.6 15.5 46.5

