

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074431.D
 Acq On : 13 Sep 2022 14:23
 Operator : JC\MD
 Sample : N4471-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-083122

Quant Time: Sep 13 17:16:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

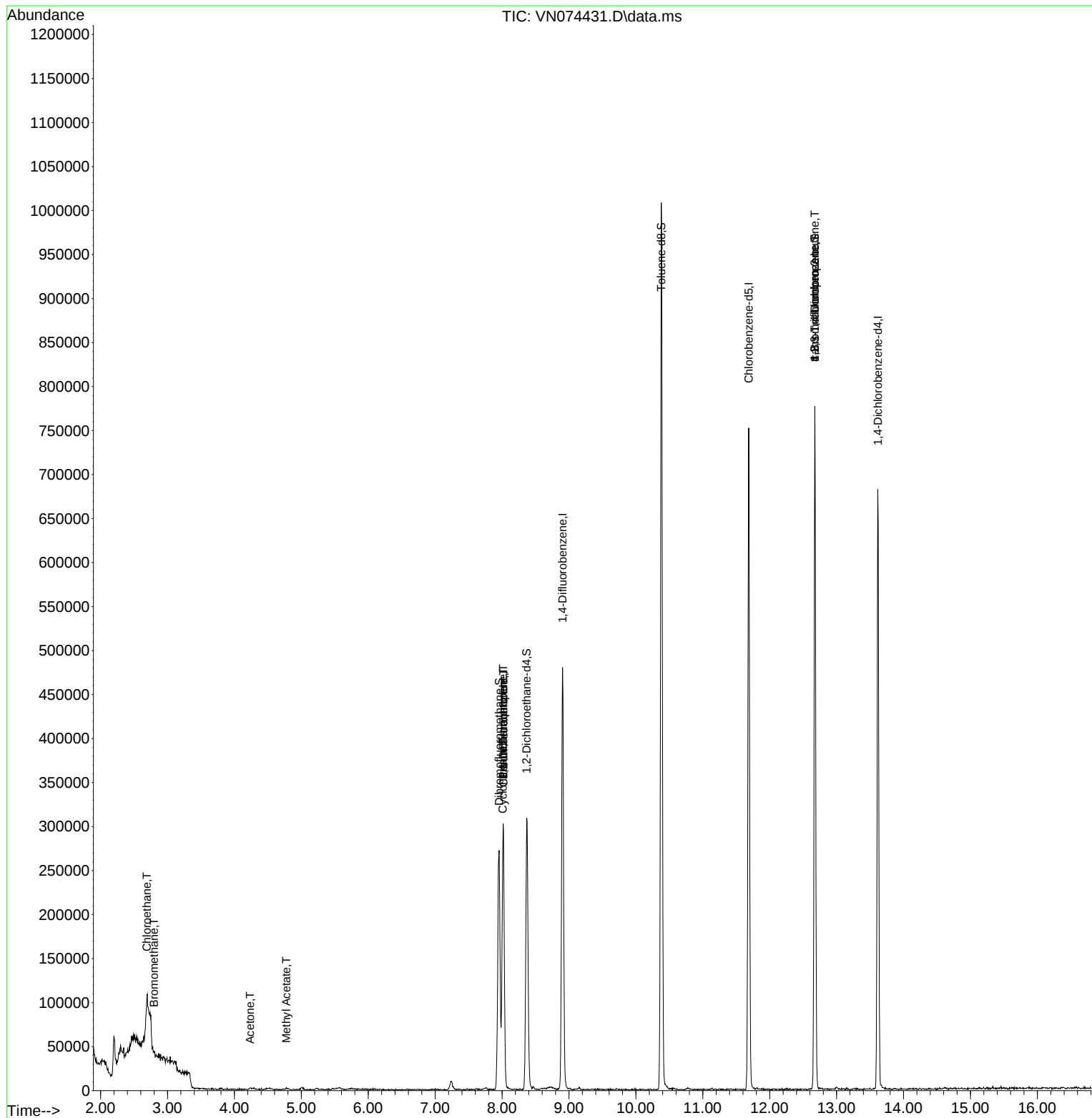
Internal Standards						
1) Pentafluorobenzene	8.016	168	196601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	385318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	358769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	157906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	241046	70.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 141.720%#	
35) Dibromofluoromethane	7.957	113	182154	70.025	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 140.040%#	
50) Toluene-d8	10.380	98	646130	63.748	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 127.500%#	
62) 4-Bromofluorobenzene	12.674	95	219633	59.684	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.360%	
Target Compounds						Qvalue
3) Chloromethane	2.269	50	1295	Below Cal	#	84
5) Bromomethane	2.799	94	992	0.334	ug/l #	61
6) Chloroethane	2.693	64	39494	11.674	ug/l #	42
16) Acetone	4.234	43	1314	0.716	ug/l #	37
18) Methyl Acetate	4.775	43	3507	0.648	ug/l #	61
20) Methylene Chloride	5.016	84	887	Below Cal	#	87
31) Cyclohexane	8.010	56	8182	1.512	ug/l #	58
36) 1,1-Dichloropropene	8.016	75	21587	5.037	ug/l #	45
38) Carbon Tetrachloride	8.022	117	24420	5.520	ug/l #	14
74) N-amyl acetate	12.298	43	91	Below Cal	#	45
76) 1,2,3-Trichloropropane	12.674	75	143540	34.773	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	143540	77.508	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.539	75	69	Below Cal	#	8

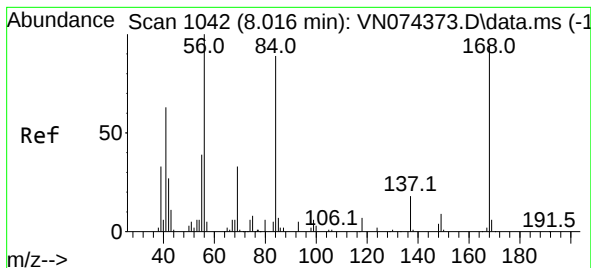
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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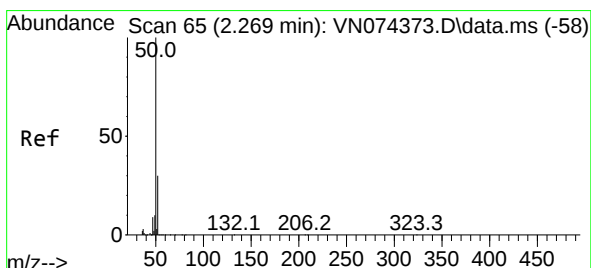
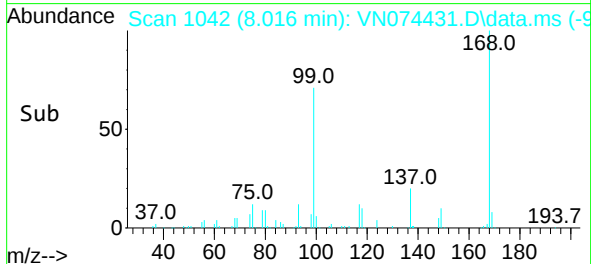
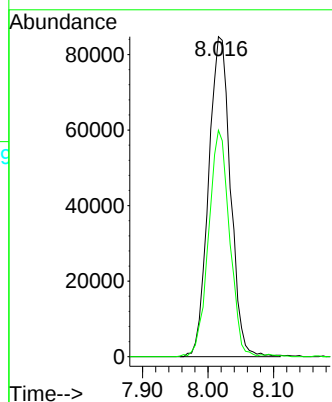
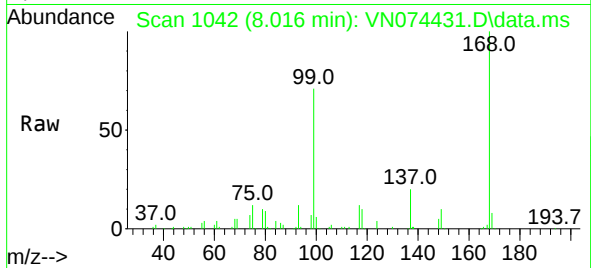




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

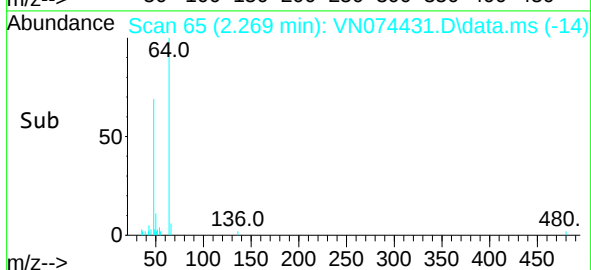
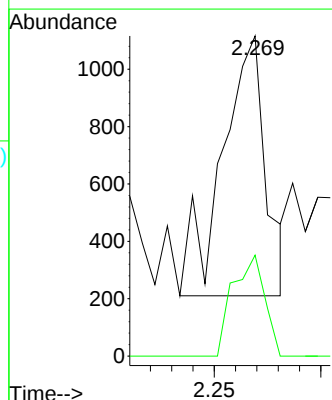
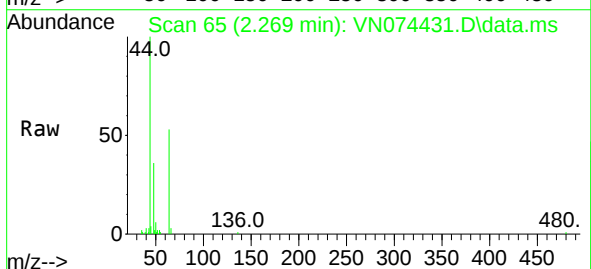
Instrument :
MSVOA_N
ClientSampleId :
TB01-083122

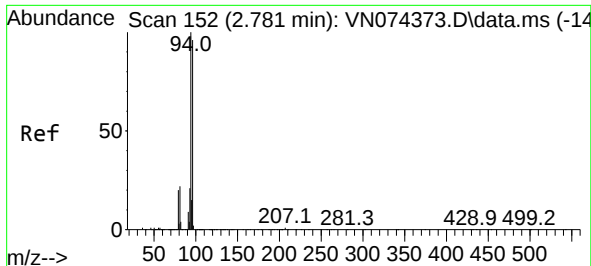
Tgt Ion:168 Resp: 196601
Ion Ratio Lower Upper
168 100
99 70.5 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

Tgt Ion: 50 Resp: 1295
Ion Ratio Lower Upper
50 100
52 38.9 24.1 36.1#

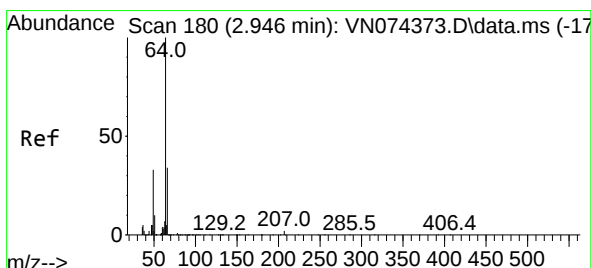
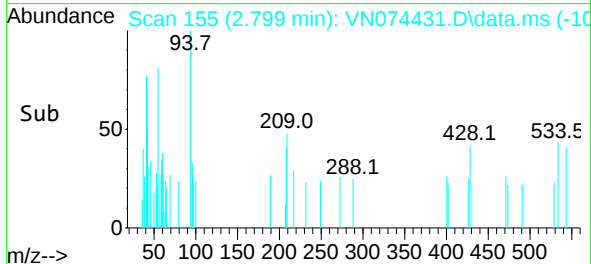
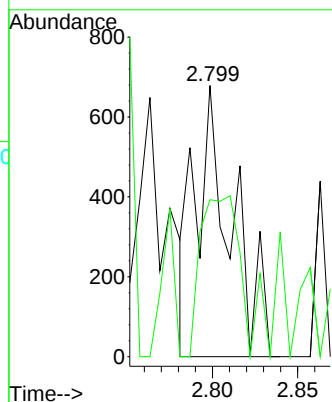
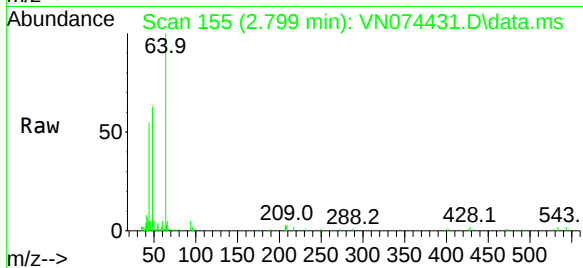




#5
Bromomethane
Concen: 0.334 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

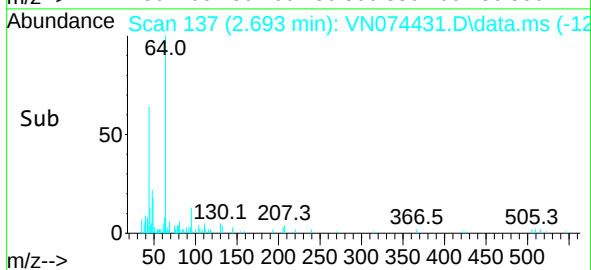
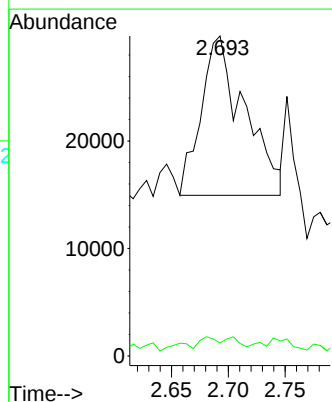
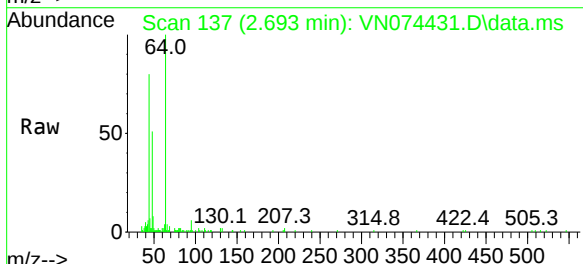
Instrument :
MSVOA_N
ClientSampleId :
TB01-083122

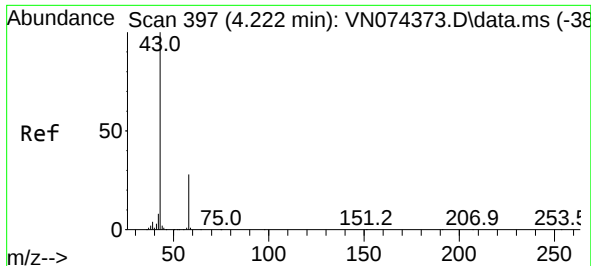
Tgt Ion: 94 Resp: 992
Ion Ratio Lower Upper
94 100
96 57.9 76.7 115.1#



#6
Chloroethane
Concen: 11.674 ug/l
RT: 2.693 min Scan# 137
Delta R.T. -0.253 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

Tgt Ion: 64 Resp: 39494
Ion Ratio Lower Upper
64 100
66 0.1 26.5 39.7#

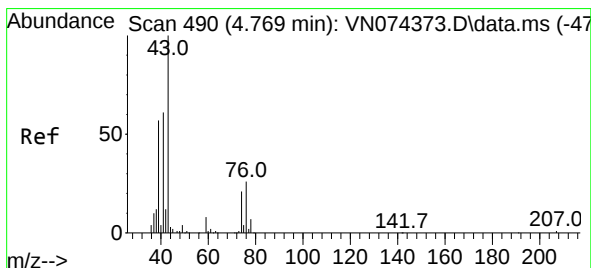
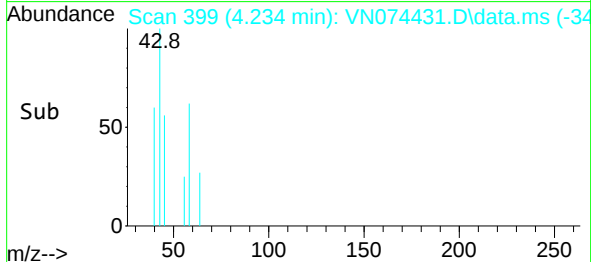
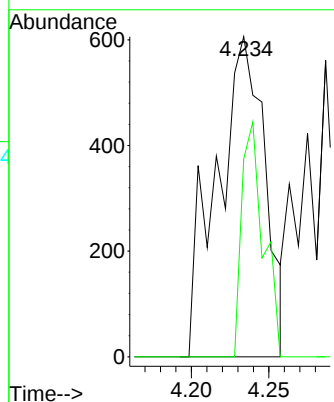
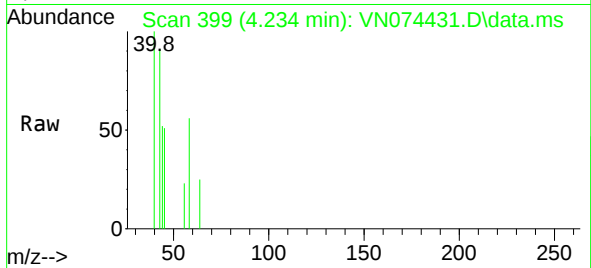




#16
Acetone
Concen: 0.716 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

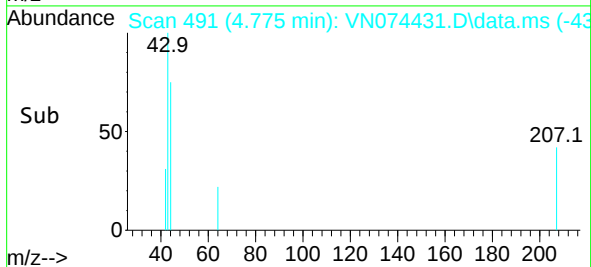
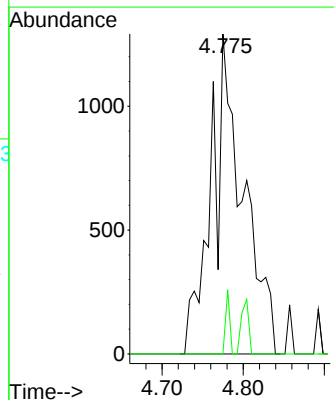
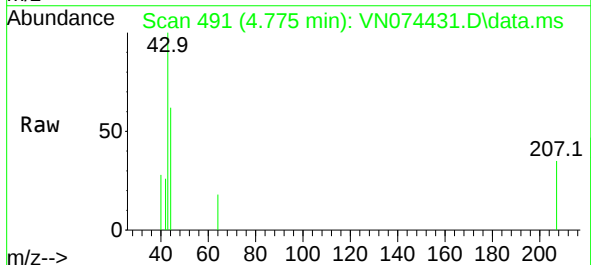
Instrument :
MSVOA_N
ClientSampleId :
TB01-083122

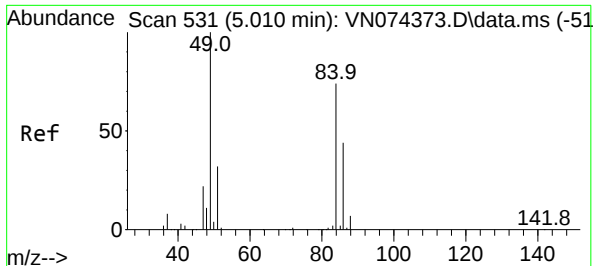
Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
58 61.9 22.7 34.1#



#18
Methyl Acetate
Concen: 0.648 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

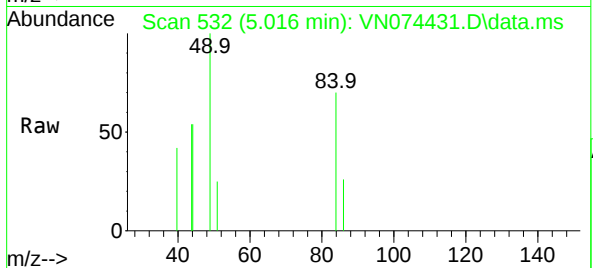
Tgt Ion: 43 Resp: 3507
Ion Ratio Lower Upper
43 100
74 2.6 16.7 25.1#



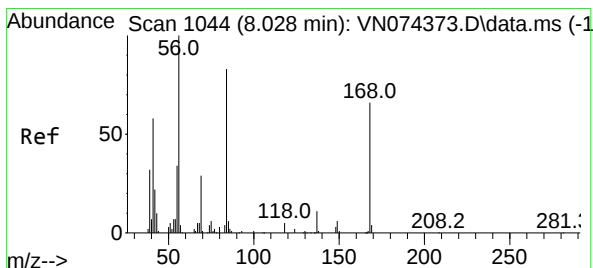
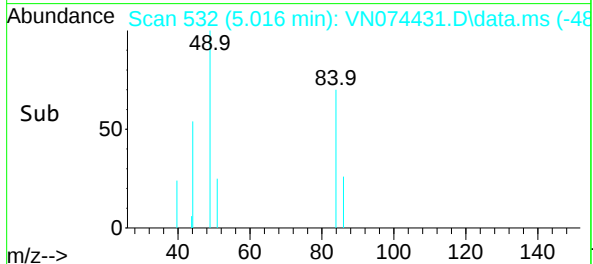
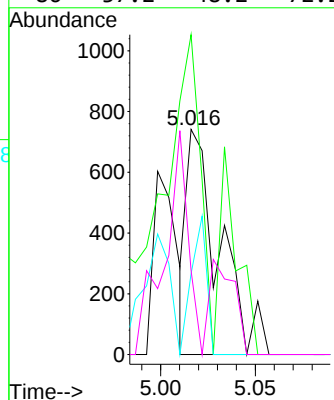


#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

Instrument :
MSVOA_N
ClientSampleId :
TB01-083122

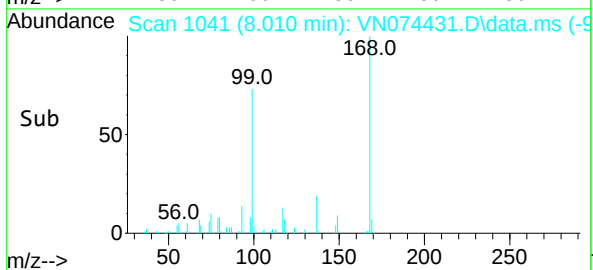
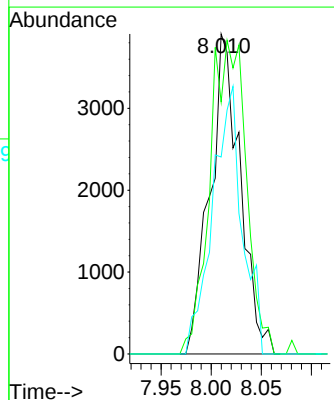
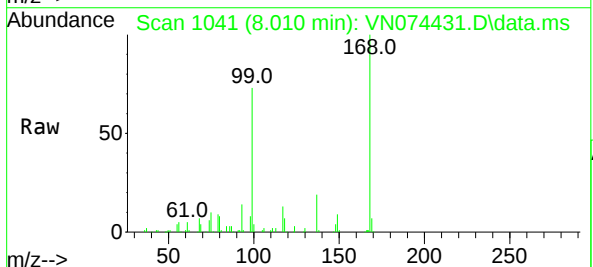


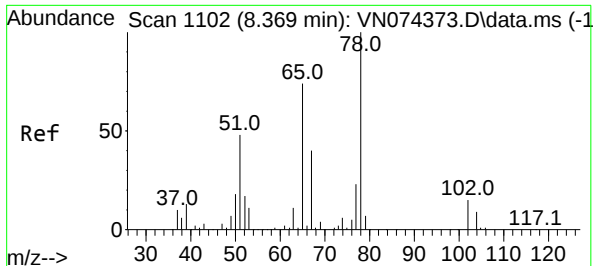
Tgt Ion: 84 Resp: 887
Ion Ratio Lower Upper
84 100
49 142.1 108.2 162.4
51 35.9 34.3 51.5
86 37.2 48.2 72.2#



#31
Cyclohexane
Concen: 1.512 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.018 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

Tgt Ion: 56 Resp: 8182
Ion Ratio Lower Upper
56 100
69 78.8 23.0 34.4#
84 61.5 66.3 99.5#





#33

1,2-Dichloroethane-d4

Concen: 70.865 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074431.D

Acq: 13 Sep 2022 14:23

Instrument :

MSVOA_N

ClientSampleId :

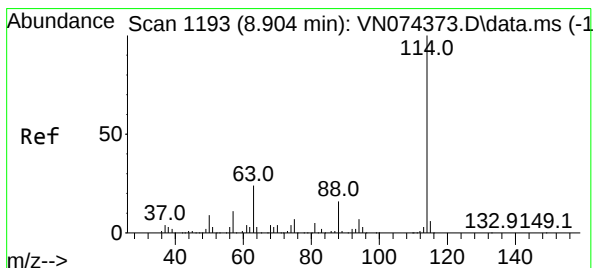
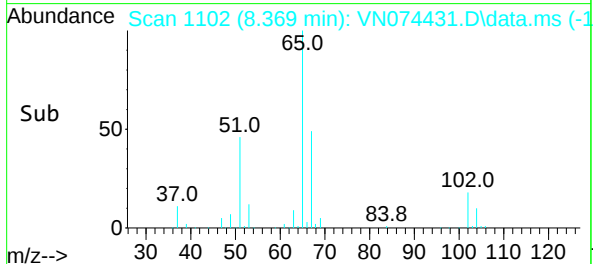
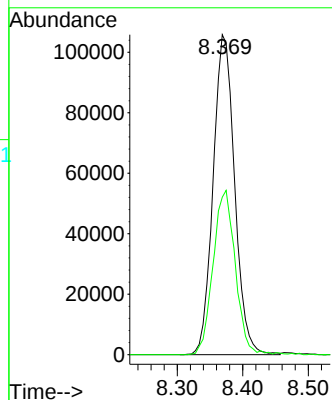
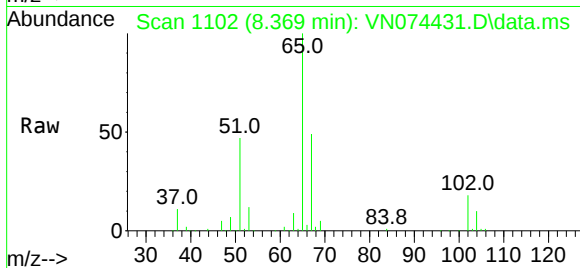
TB01-083122

Tgt Ion: 65 Resp: 241046

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074431.D

Acq: 13 Sep 2022 14:23

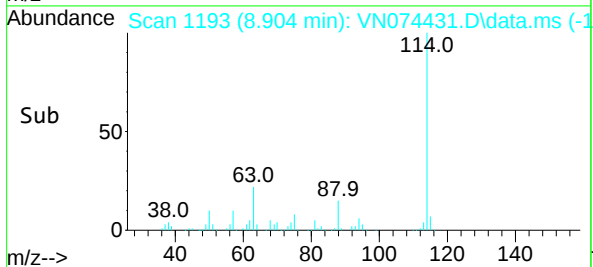
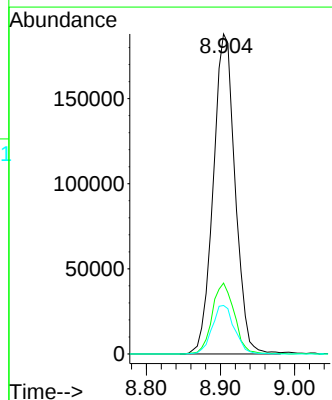
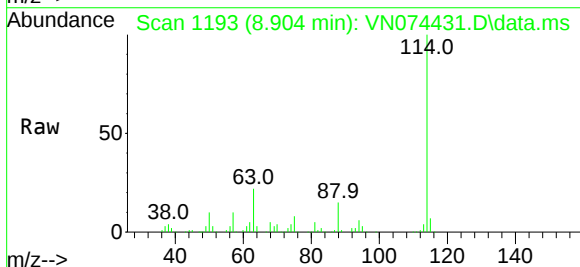
Tgt Ion: 114 Resp: 385318

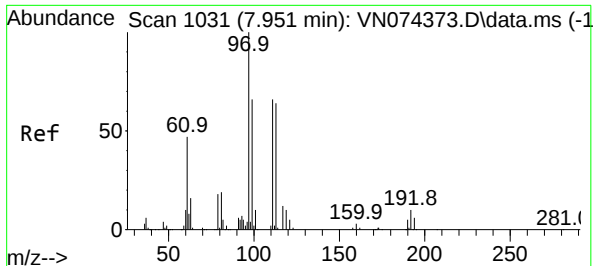
Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.6

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 70.025 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074431.D

Acq: 13 Sep 2022 14:23

Instrument :

MSVOA_N

ClientSampleId :

TB01-083122

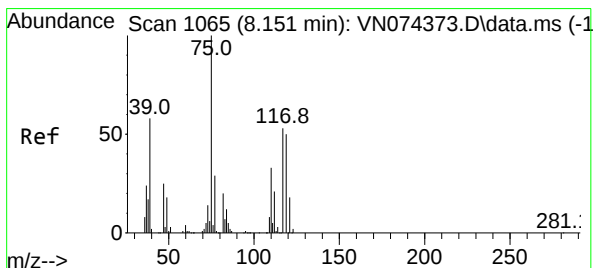
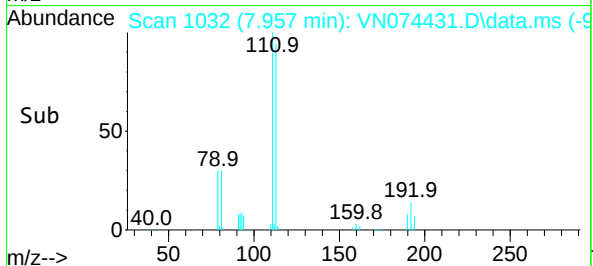
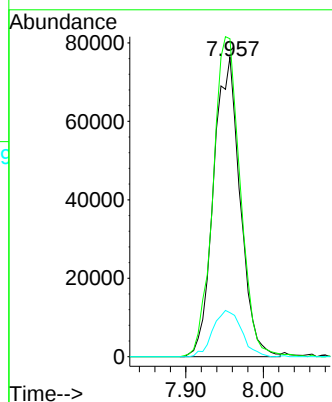
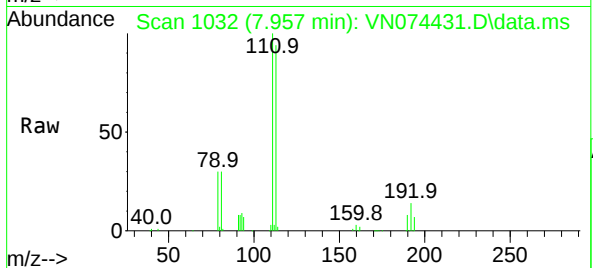
Tgt Ion:113 Resp: 182154

Ion Ratio Lower Upper

113 100

111 109.4 83.0 124.4

192 16.7 13.7 20.5



#36

1,1-Dichloropropene

Concen: 5.037 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074431.D

Acq: 13 Sep 2022 14:23

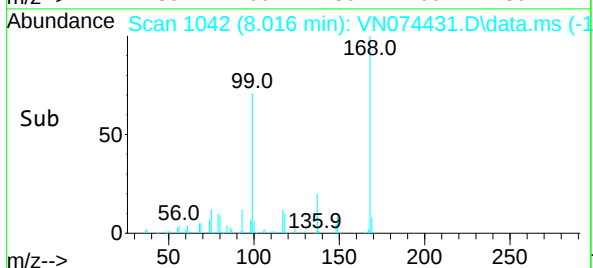
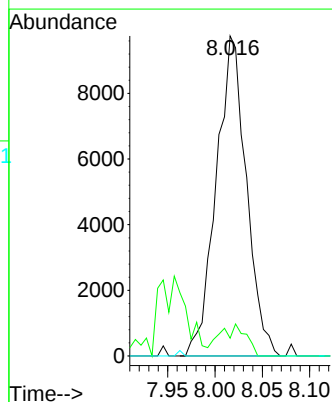
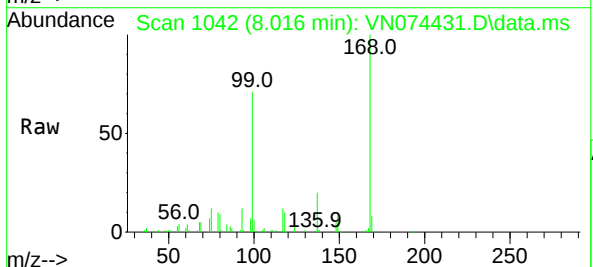
Tgt Ion: 75 Resp: 21587

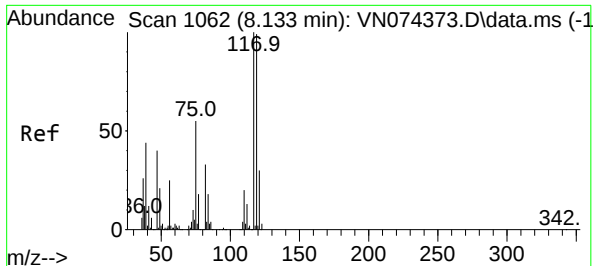
Ion Ratio Lower Upper

75 100

110 2.5 16.4 49.1#

77 0.0 25.4 38.2#

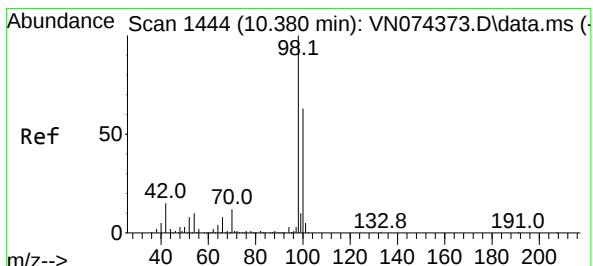
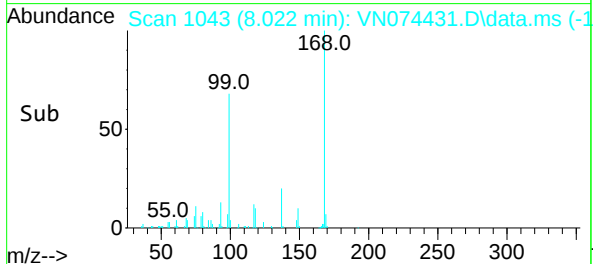
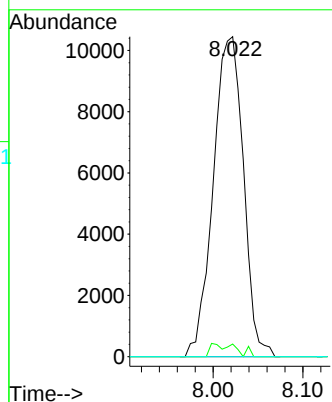
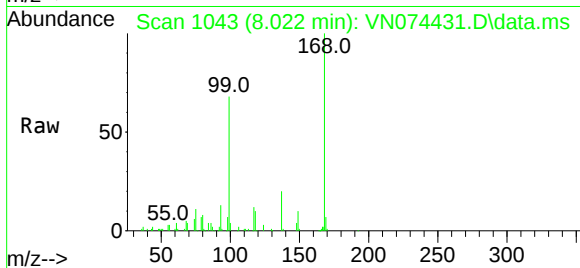




#38
Carbon Tetrachloride
Concen: 5.520 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

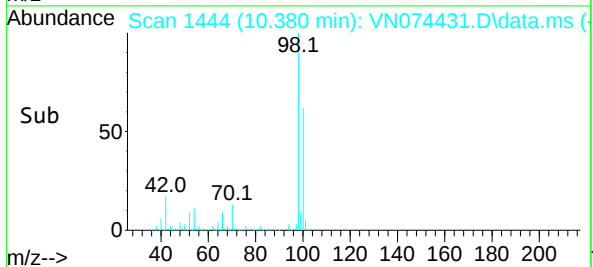
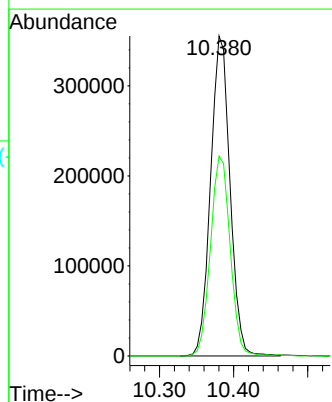
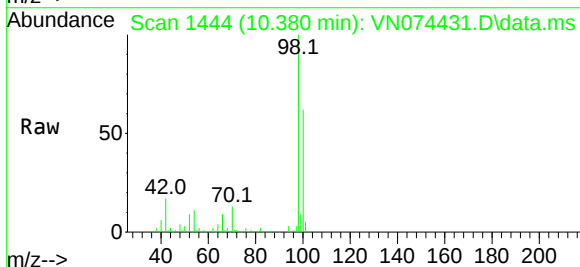
Instrument :
MSVOA_N
ClientSampleId :
TB01-083122

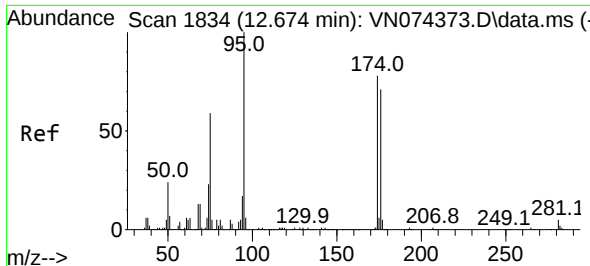
Tgt Ion:117 Resp: 24420
Ion Ratio Lower Upper
117 100
119 4.0 78.8 118.2#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 63.748 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

Tgt Ion: 98 Resp: 646130
Ion Ratio Lower Upper
98 100
100 63.1 50.6 76.0

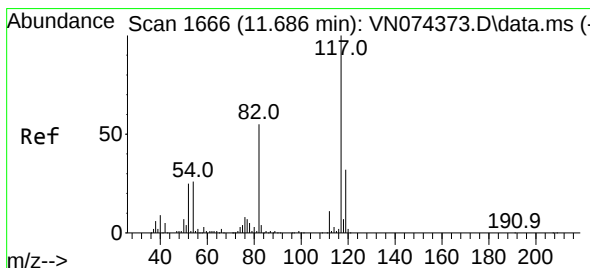
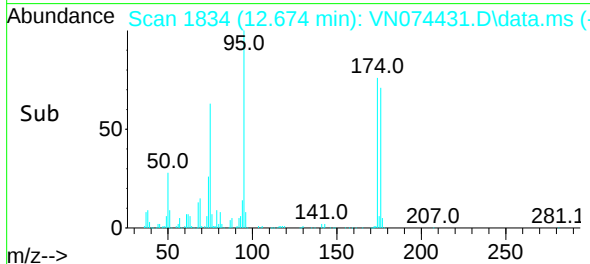
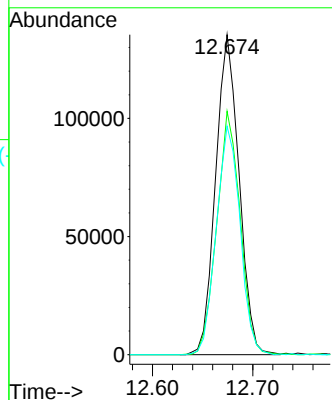
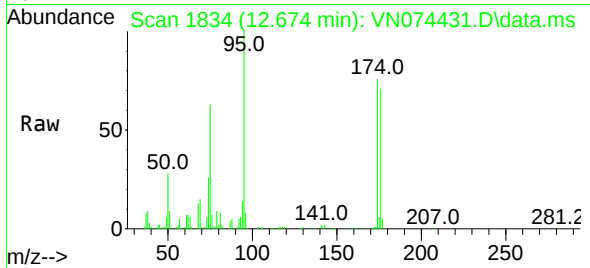




#62
4-Bromofluorobenzene
Concen: 59.684 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

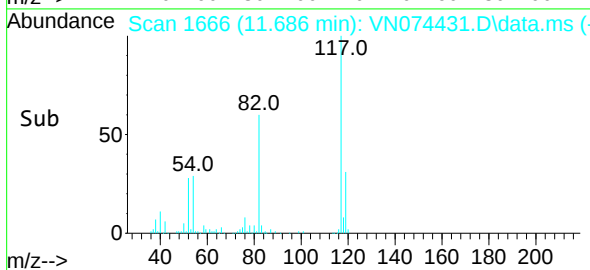
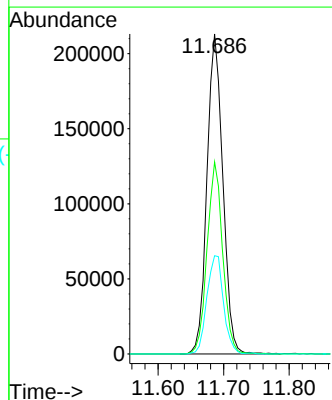
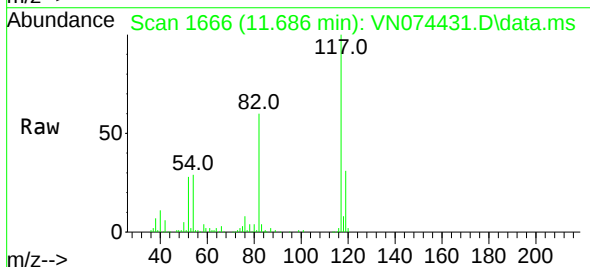
Instrument :
MSVOA_N
ClientSampleId :
TB01-083122

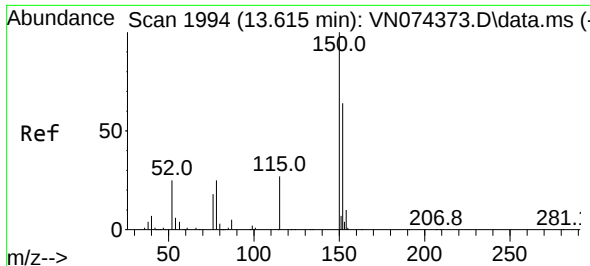
Tgt Ion: 95 Resp: 219633
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.6
176 72.4 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

Tgt Ion: 117 Resp: 358769
Ion Ratio Lower Upper
117 100
82 60.0 44.3 66.5
119 30.7 25.5 38.3

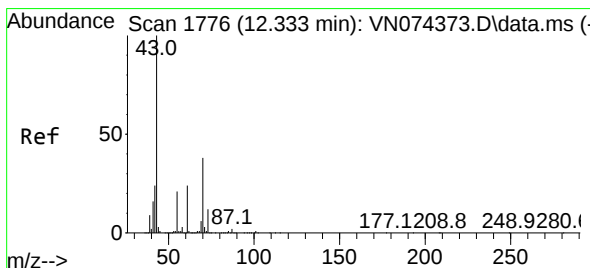
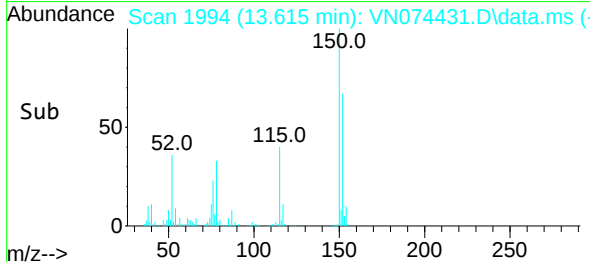
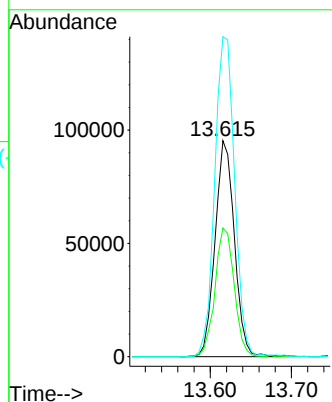
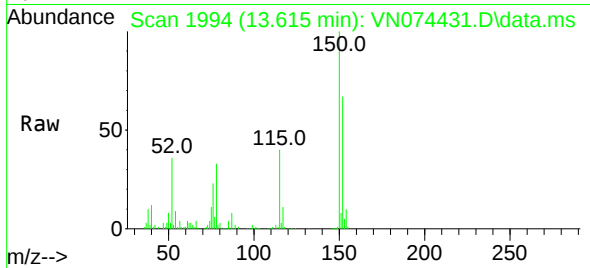




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074431.D
 Acq: 13 Sep 2022 14:23

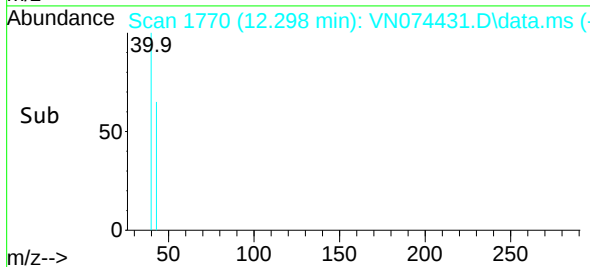
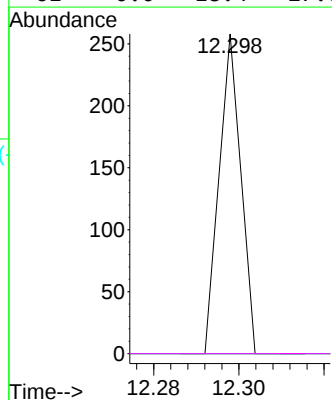
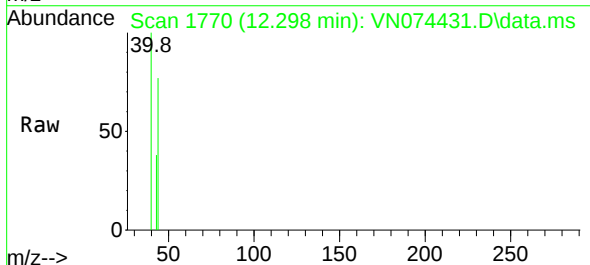
Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-083122

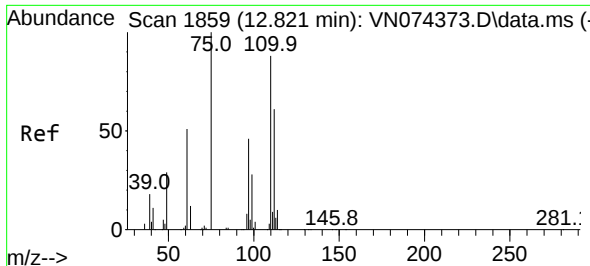
Tgt Ion:152 Resp: 157906
 Ion Ratio Lower Upper
 152 100
 115 59.2 32.0 96.0
 150 153.2 0.0 359.6



#74
 N-ethyl acetate
 Concen: Below Cal
 RT: 12.298 min Scan# 1770
 Delta R.T. -0.035 min
 Lab File: VN074431.D
 Acq: 13 Sep 2022 14:23

Tgt Ion: 43 Resp: 91
 Ion Ratio Lower Upper
 43 100
 70 0.0 31.4 47.0#
 55 0.0 17.0 25.6#
 61 0.0 18.4 27.6#

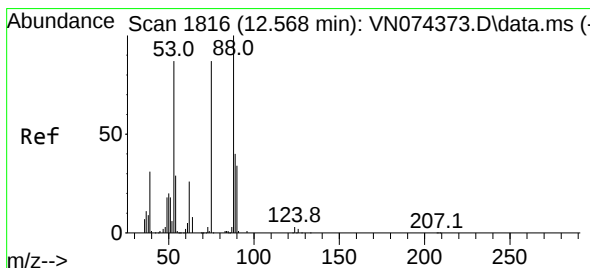
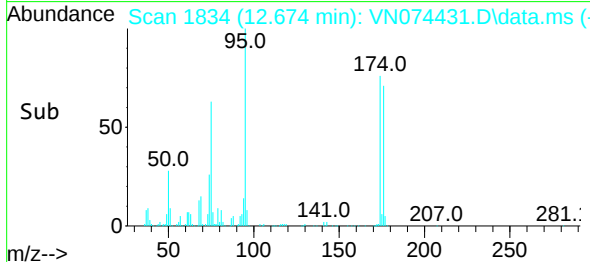
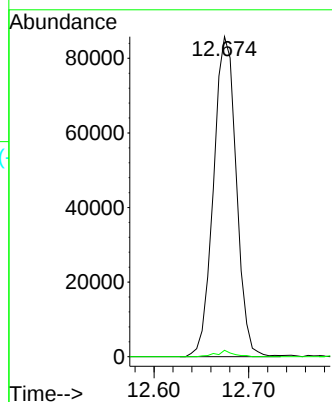
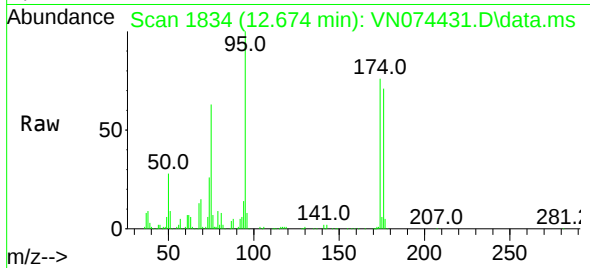




#76
1,2,3-Trichloropropane
Concen: 34.773 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

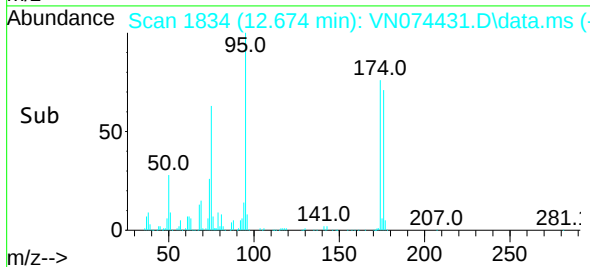
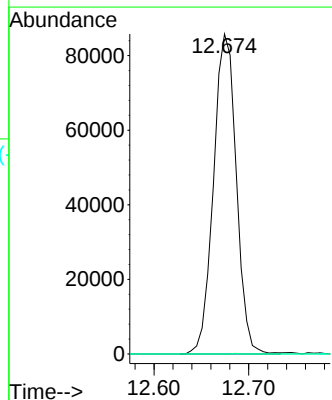
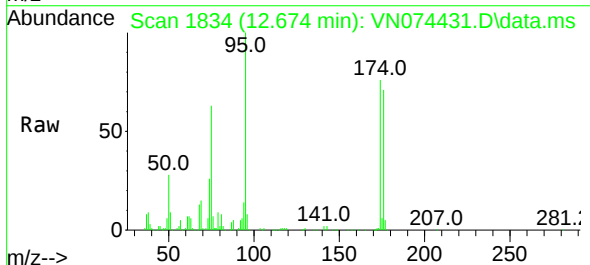
Instrument :
MSVOA_N
ClientSampleId :
TB01-083122

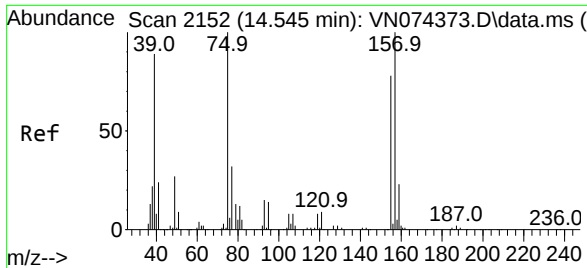
Tgt Ion: 75 Resp: 143540
Ion Ratio Lower Upper
75 100
77 1.4 78.9 236.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.508 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074431.D
Acq: 13 Sep 2022 14:23

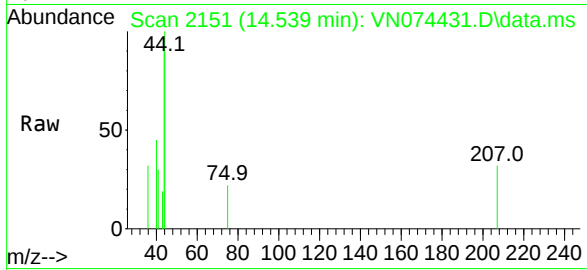
Tgt Ion: 75 Resp: 143540
Ion Ratio Lower Upper
75 100
53 0.0 82.2 123.2#
89 0.0 37.7 56.5#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074431.D
 Acq: 13 Sep 2022 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-083122



Tgt Ion: 75 Resp: 69
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.6 109.9#
 157 0.0 46.2 138.5#

