

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073985.D
 Acq On : 17 Aug 2022 18:49
 Operator : JC\MD
 Sample : N4229-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-08162022

Quant Time: Aug 18 00:49:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

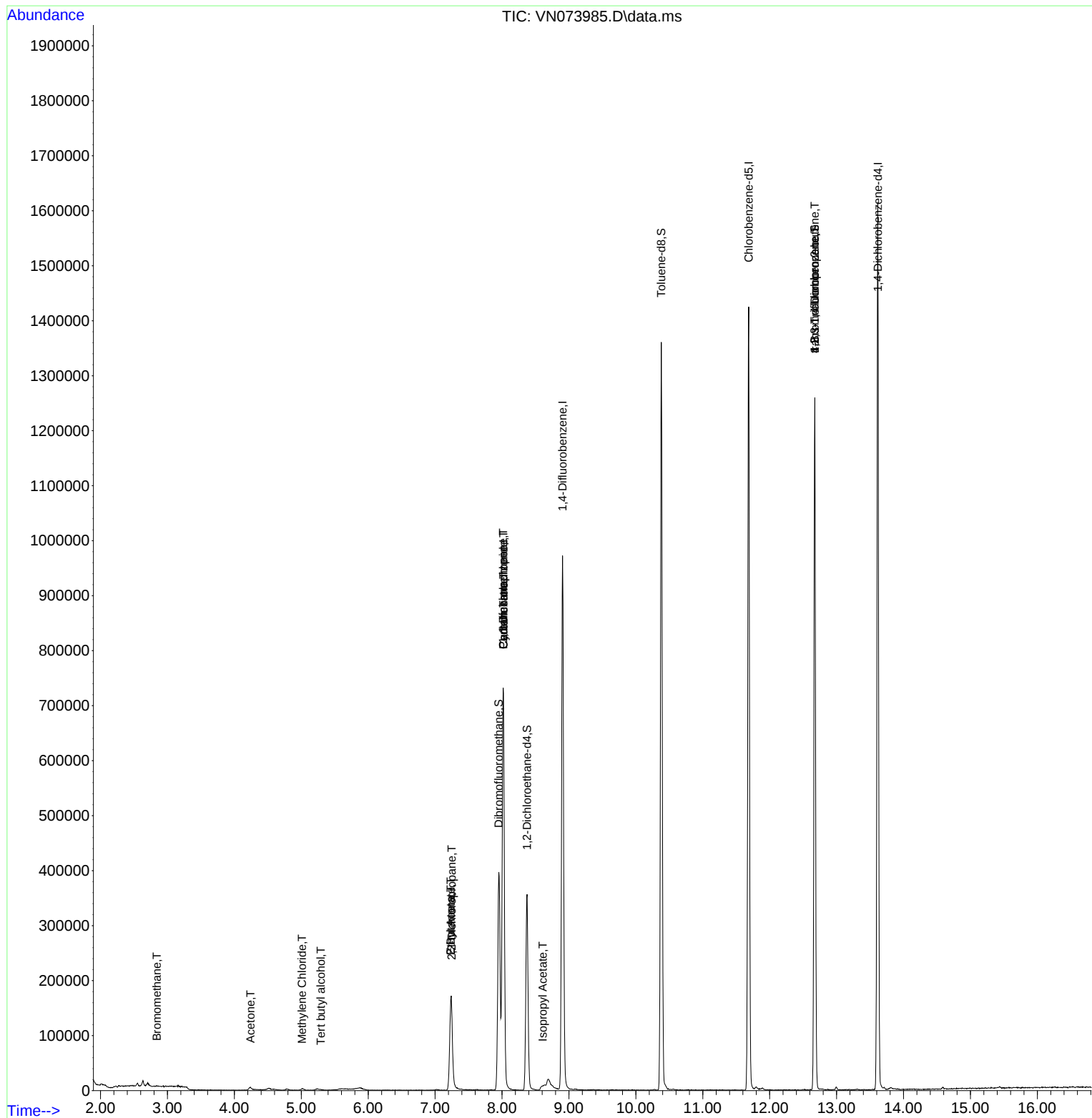
Internal Standards						
1) Pentafluorobenzene	8.022	168	641467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	934957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	891718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	479347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	301710	48.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.580%
35) Dibromofluoromethane	7.951	113	294543	53.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.540%
50) Toluene-d8	10.381	98	977083	45.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.260%
62) 4-Bromofluorobenzene	12.674	95	411908	57.958	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.920%
Target Compounds						
					Qvalue	
5) Bromomethane	2.840	94	1273	0.281	ug/l #	68
11) Tert butyl alcohol	5.293	59	1479	1.058	ug/l #	84
16) Acetone	4.240	43	10803	3.665	ug/l	94
18) Methyl Acetate	4.775	43	1987	Below Cal	#	89
20) Methylene Chloride	5.010	84	2490	0.400	ug/l #	84
25) 2-Butanone	7.234	43	7624	1.631	ug/l #	61
26) 2,2-Dichloropropane	7.245	77	12282	1.321	ug/l #	53
31) Cyclohexane	8.022	56	10113	1.161	ug/l #	18
36) 1,1-Dichloropropene	8.016	75	41590	5.415	ug/l #	50
37) Ethyl Acetate	7.234	43	7624	0.819	ug/l #	1
38) Carbon Tetrachloride	8.022	117	55663	6.341	ug/l #	17
43) Isopropyl Acetate	8.610	43	6656	0.502	ug/l #	53
76) 1,2,3-Trichloropropane	12.674	75	202680	20.343	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	202680	57.859	ug/l #	10

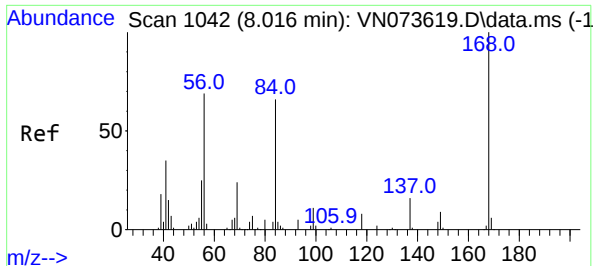
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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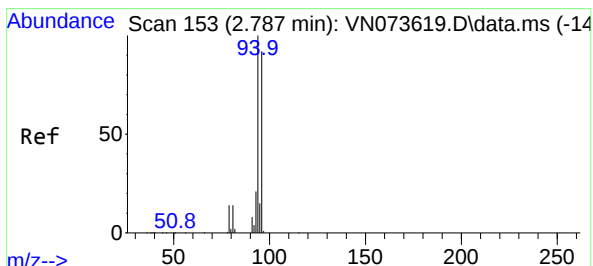
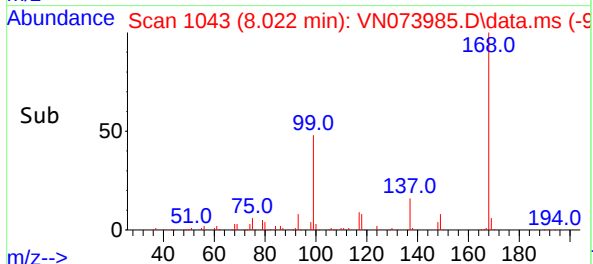
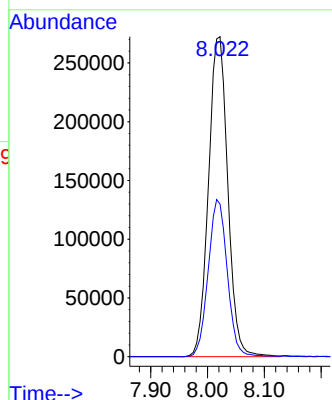
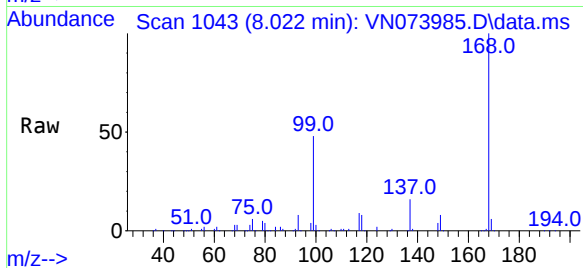




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

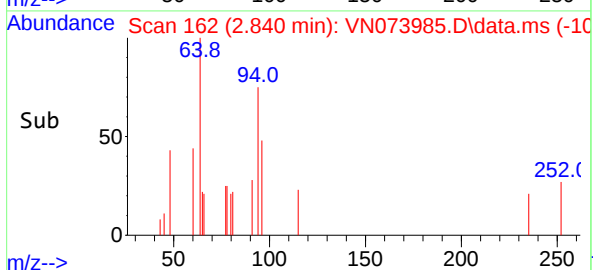
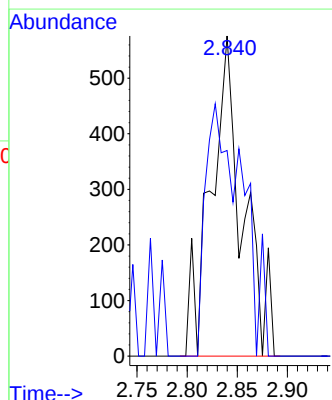
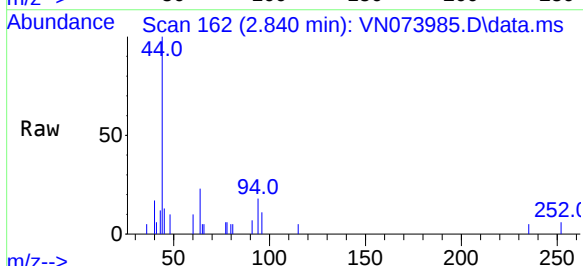
Instrument :
MSVOA_N
ClientSampleId :
FB-08162022

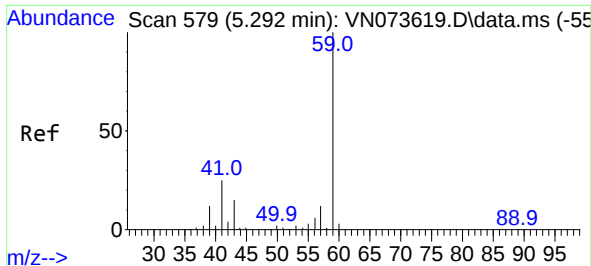
Tgt Ion:168 Resp: 641467
Ion Ratio Lower Upper
168 100
99 47.7 42.3 63.5



#5
Bromomethane
Concen: 0.281 ug/l
RT: 2.840 min Scan# 162
Delta R.T. 0.053 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

Tgt Ion: 94 Resp: 1273
Ion Ratio Lower Upper
94 100
96 64.2 76.0 114.0#

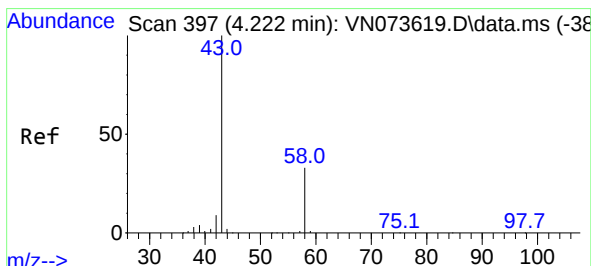
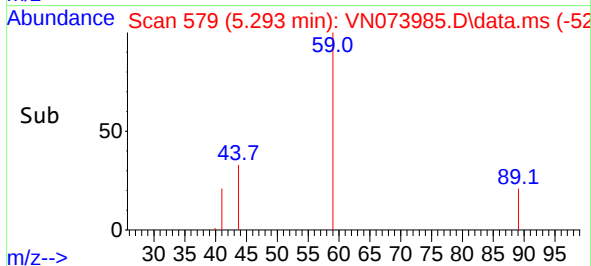
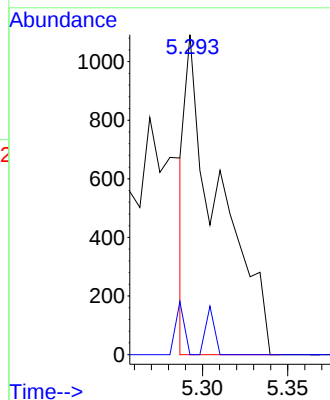
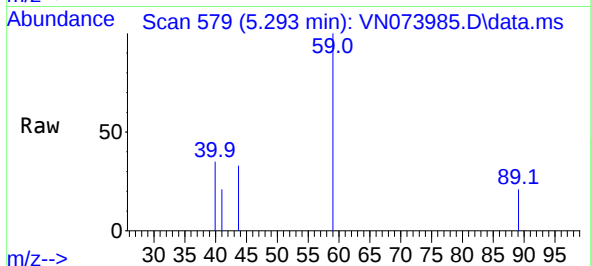




#11
Tert butyl alcohol
Concen: 1.058 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.001 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

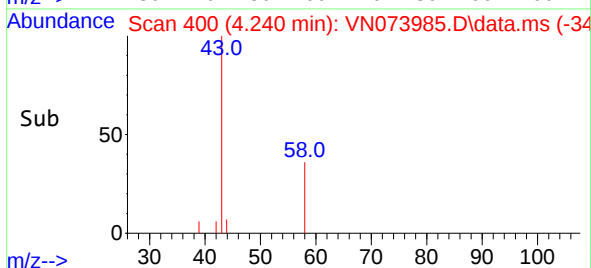
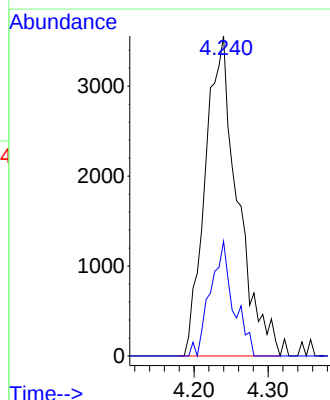
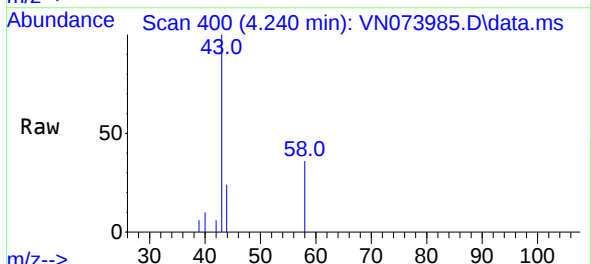
Instrument :
MSVOA_N
ClientSampleId :
FB-08162022

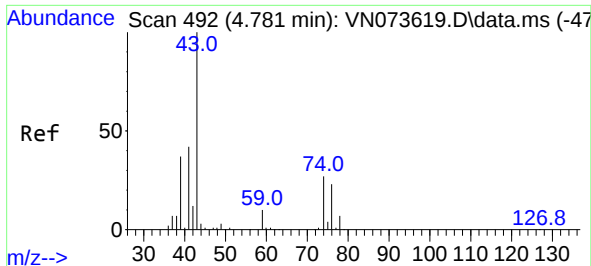
Tgt Ion: 59 Resp: 1479
Ion Ratio Lower Upper
59 100
57 4.3 8.3 12.5#



#16
Acetone
Concen: 3.665 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

Tgt Ion: 43 Resp: 10803
Ion Ratio Lower Upper
43 100
58 35.9 26.0 39.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.775 min Scan# 491

Delta R.T. -0.006 min

Lab File: VN073985.D

Acq: 17 Aug 2022 18:49

Instrument :

MSVOA_N

ClientSampleId :

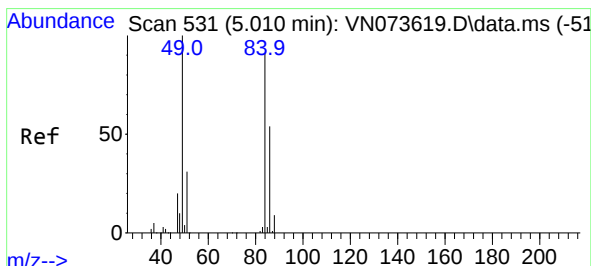
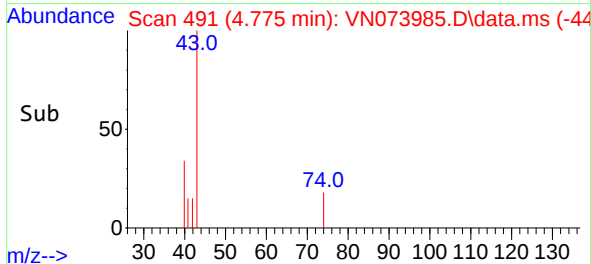
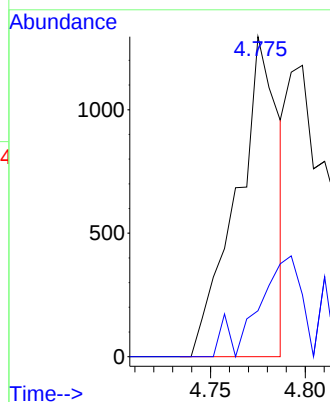
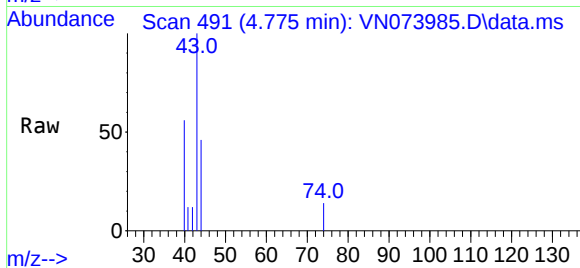
FB-08162022

Tgt Ion: 43 Resp: 1987

Ion Ratio Lower Upper

43 100

74 32.6 21.6 32.4#



#20

Methylene Chloride

Concen: 0.400 ug/l

RT: 5.010 min Scan# 531

Delta R.T. 0.000 min

Lab File: VN073985.D

Acq: 17 Aug 2022 18:49

Tgt Ion: 84 Resp: 2490

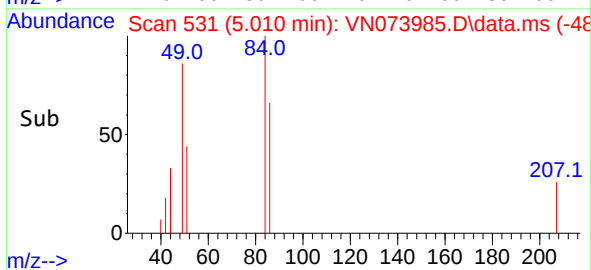
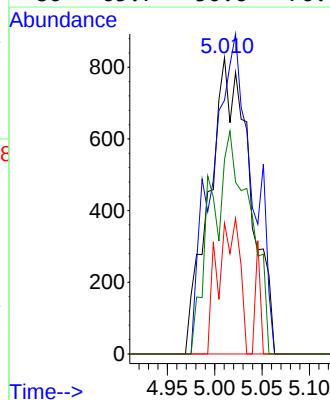
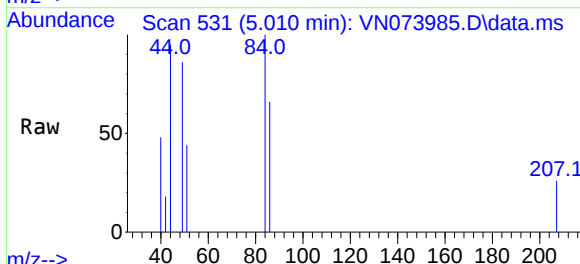
Ion Ratio Lower Upper

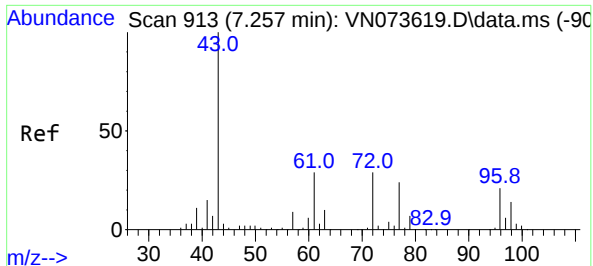
84 100

49 85.6 88.3 132.5#

51 44.1 28.2 42.2#

86 65.7 50.6 76.0





#25

2-Butanone

Concen: 1.631 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.023 min

Lab File: VN073985.D

Acq: 17 Aug 2022 18:49

Instrument :

MSVOA_N

ClientSampleId :

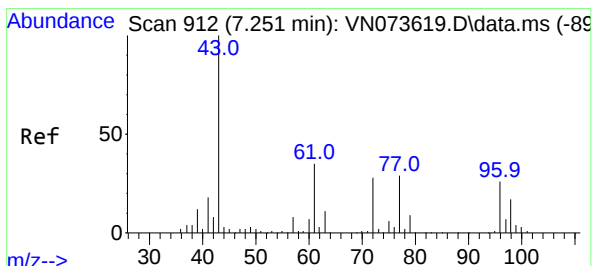
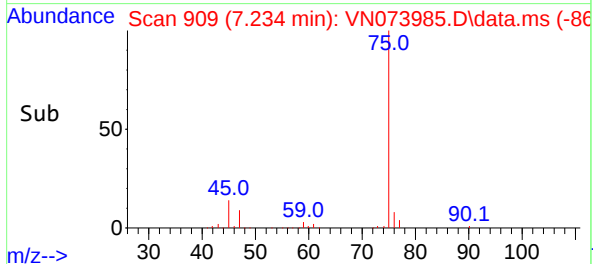
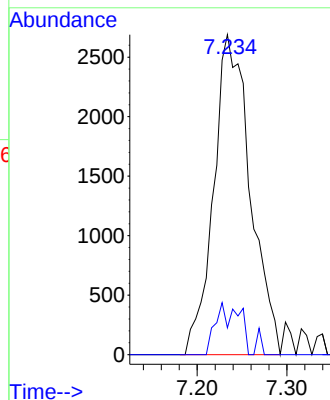
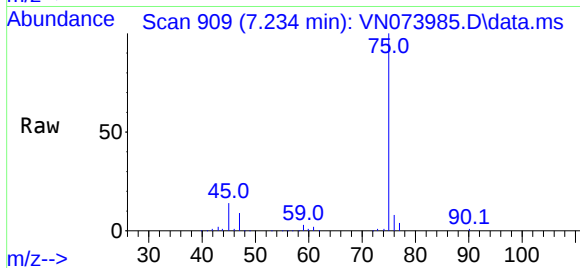
FB-08162022

Tgt Ion: 43 Resp: 7624

Ion Ratio Lower Upper

43 100

72 8.4 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 1.321 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073985.D

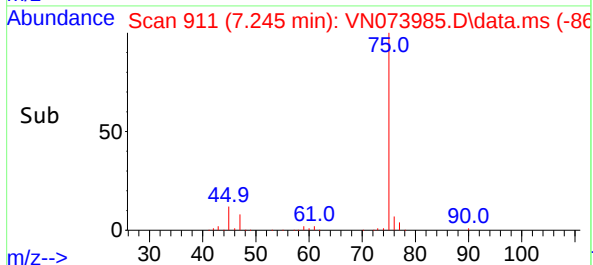
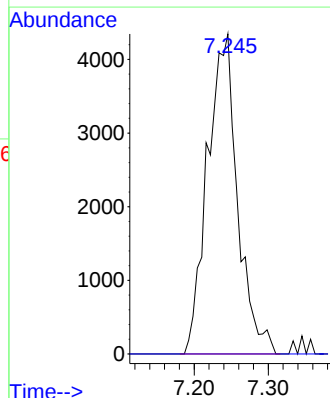
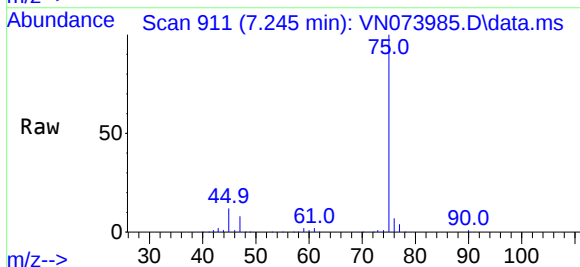
Acq: 17 Aug 2022 18:49

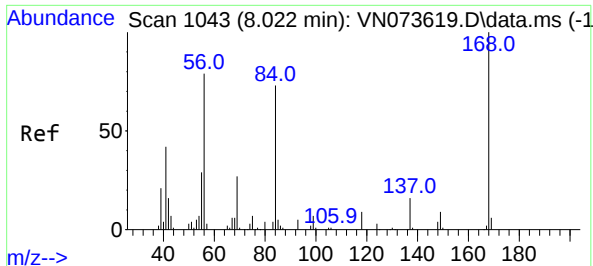
Tgt Ion: 77 Resp: 12282

Ion Ratio Lower Upper

77 100

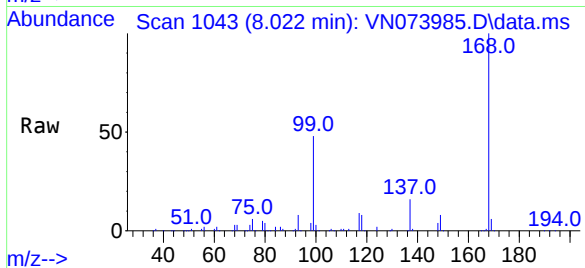
97 0.0 11.4 34.2#



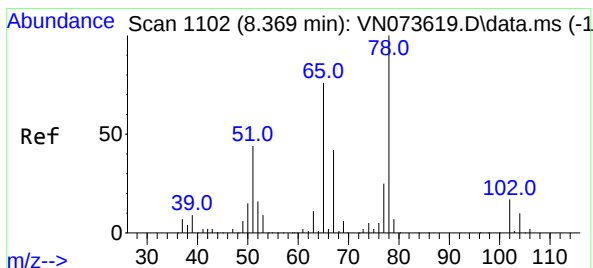
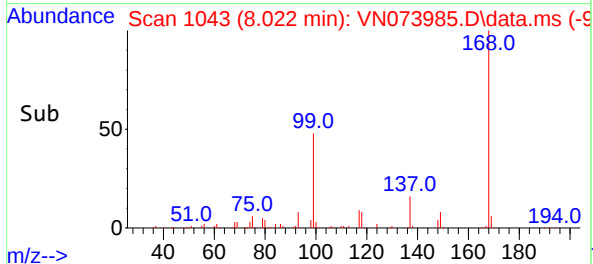
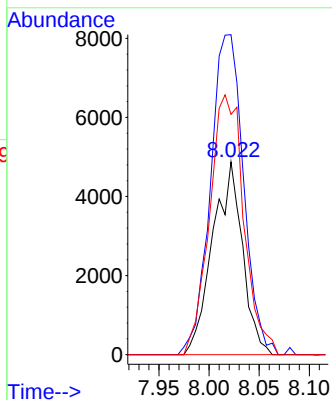


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

Instrument :
MSVOA_N
ClientSampleId :
FB-08162022

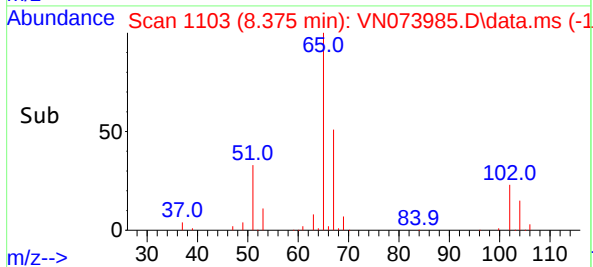
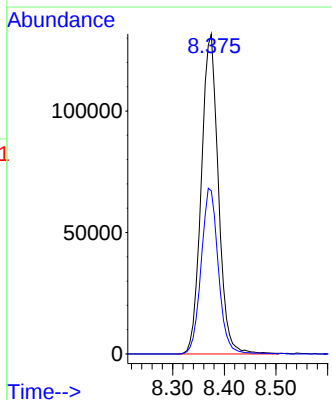
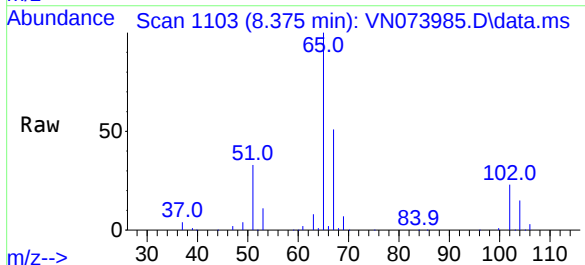


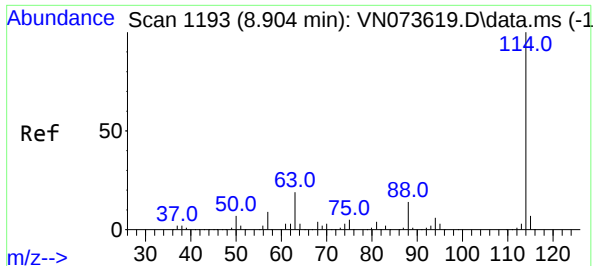
Tgt Ion: 56 Resp: 10113
Ion Ratio Lower Upper
56 100
69 165.9 27.8 41.8#
84 124.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.290 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

Tgt Ion: 65 Resp: 301710
Ion Ratio Lower Upper
65 100
67 52.2 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: VN073985.D

Acq: 17 Aug 2022 18:49

Instrument :

MSVOA_N

ClientSampleId :

FB-08162022

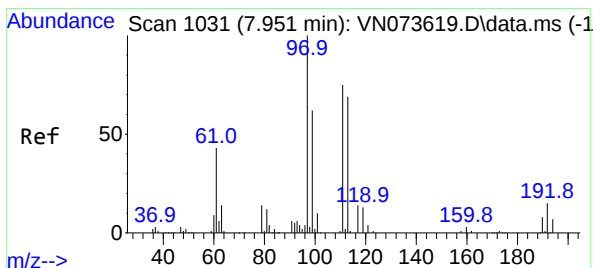
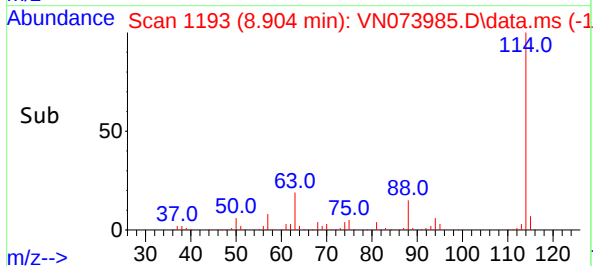
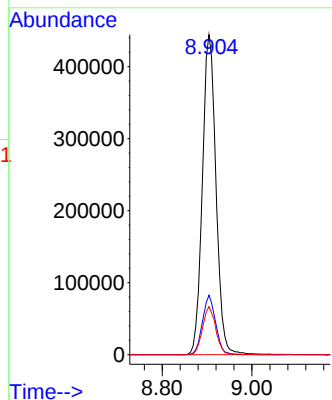
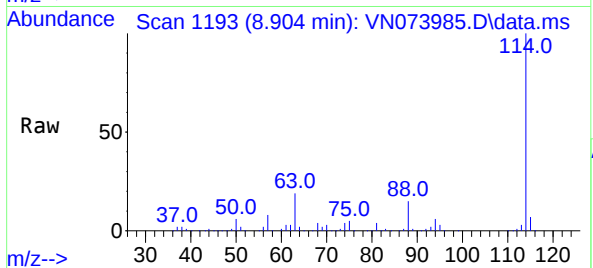
Tgt Ion:114 Resp: 934957

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.270 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073985.D

Acq: 17 Aug 2022 18:49

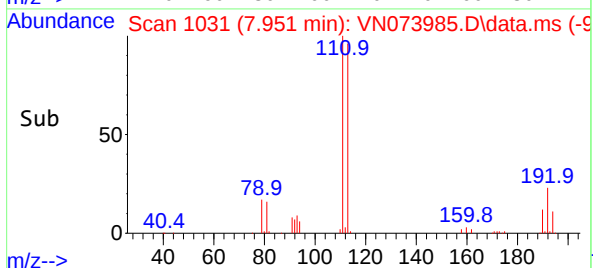
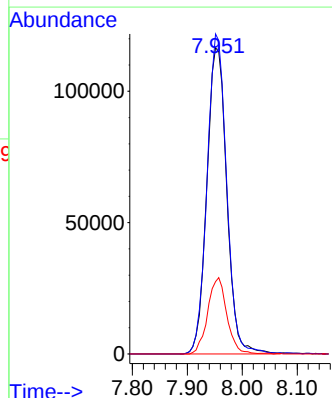
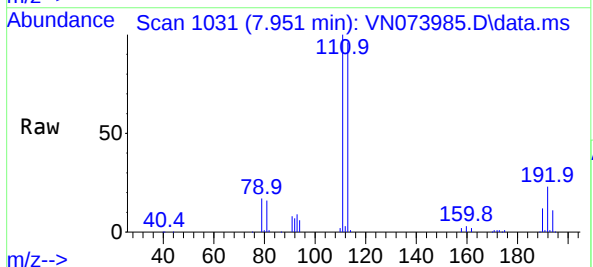
Tgt Ion:113 Resp: 294543

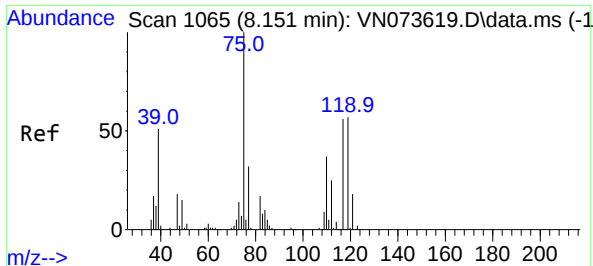
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 23.9 17.0 25.6

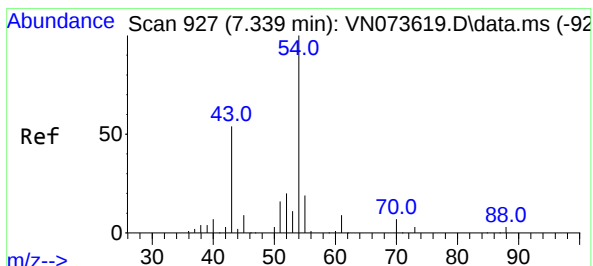
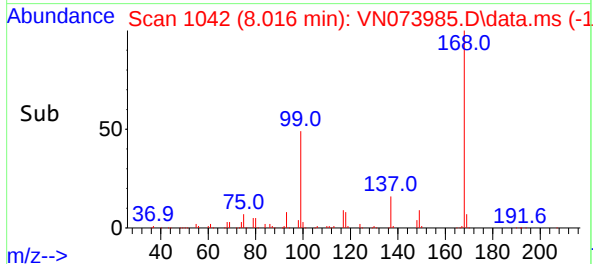
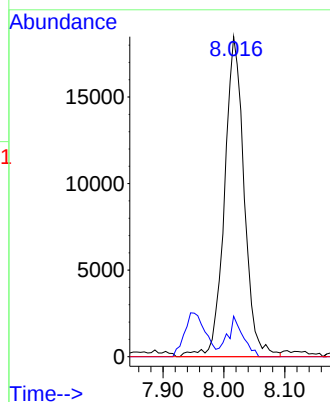
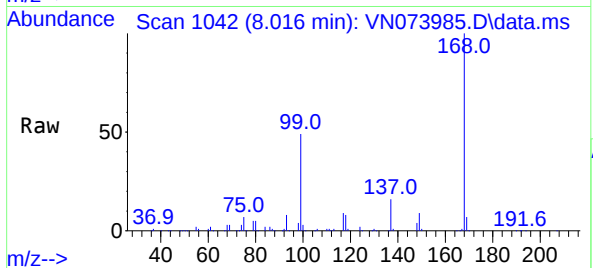




#36
1,1-Dichloropropene
Concen: 5.415 ug/l
RT: 8.016 min Scan# 1065
Delta R.T. -0.135 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

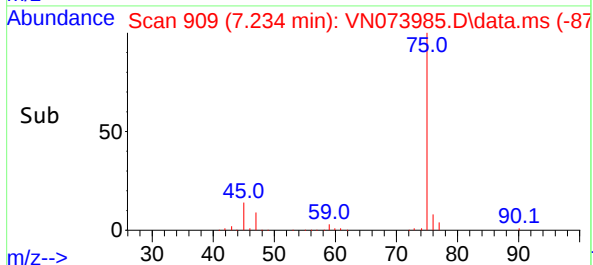
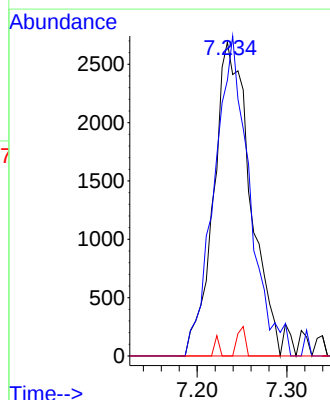
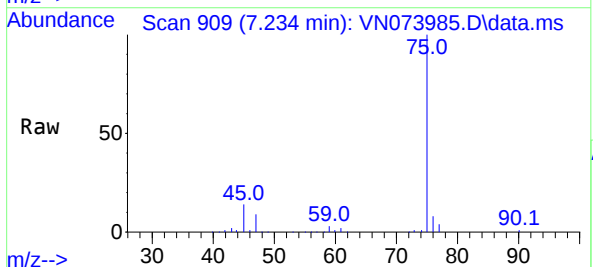
Instrument :
MSVOA_N
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FB-08162022

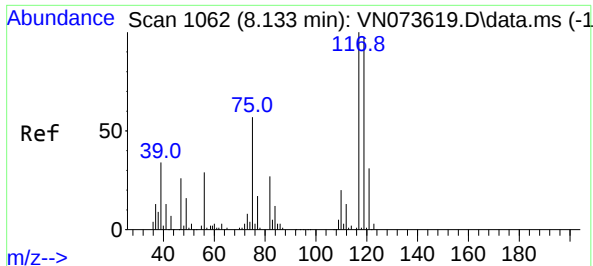
Tgt Ion: 75 Resp: 41590
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.819 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.105 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

Tgt Ion: 43 Resp: 7624
Ion Ratio Lower Upper
43 100
61 98.1 11.8 17.6#
70 2.1 9.3 13.9#

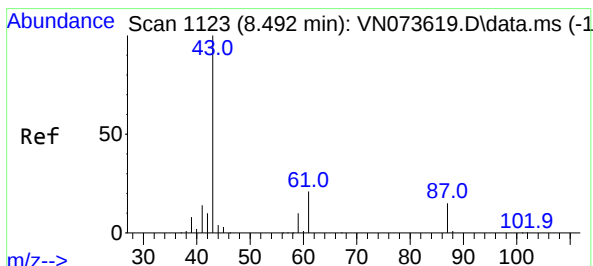
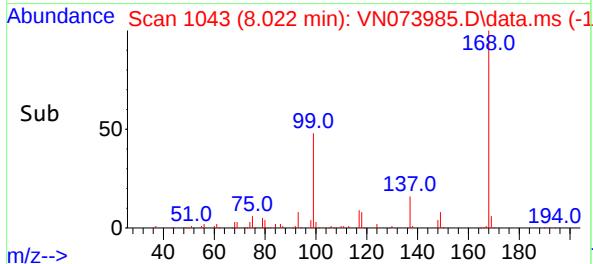
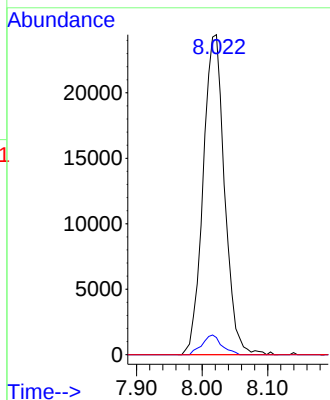
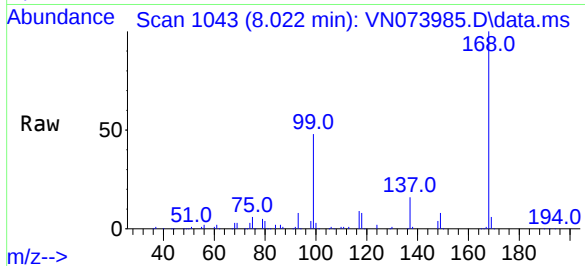




#38
Carbon Tetrachloride
Concen: 6.341 ug/l
RT: 8.022 min Scan# 110
Delta R.T. -0.111 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

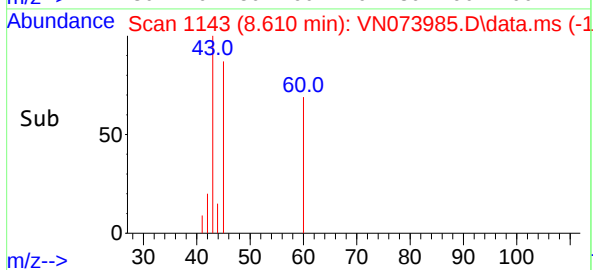
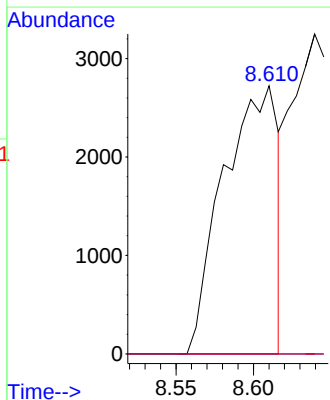
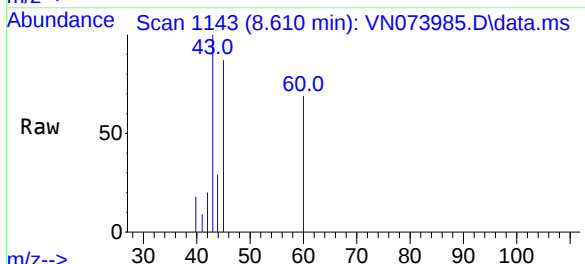
Instrument :
MSVOA_N
ClientSampleId :
FB-08162022

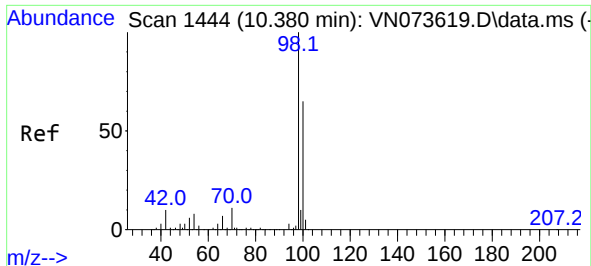
Tgt Ion:117 Resp: 55663
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.502 ug/l
RT: 8.610 min Scan# 1143
Delta R.T. 0.118 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

Tgt Ion: 43 Resp: 6656
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

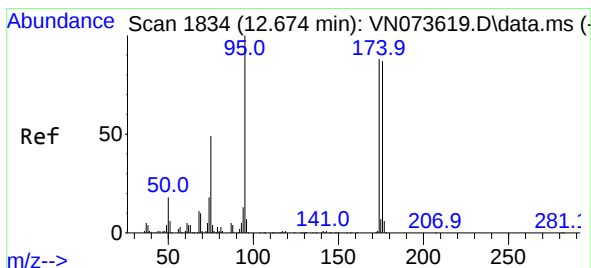
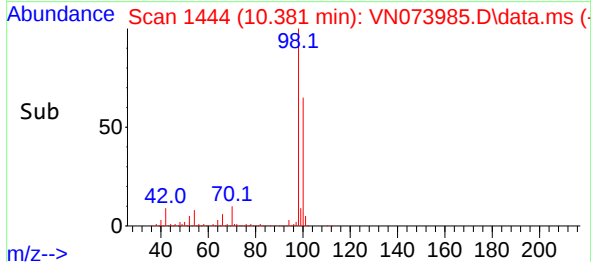
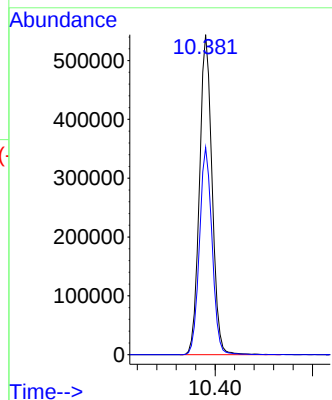
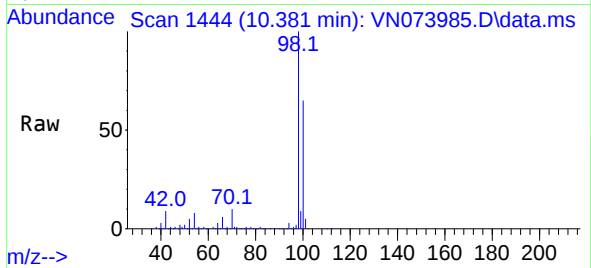




#50
Toluene-d8
Concen: 45.628 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

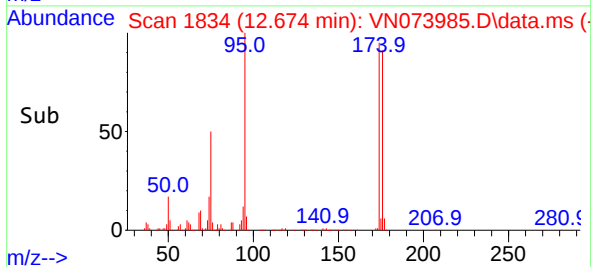
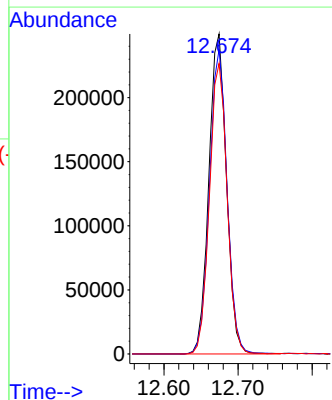
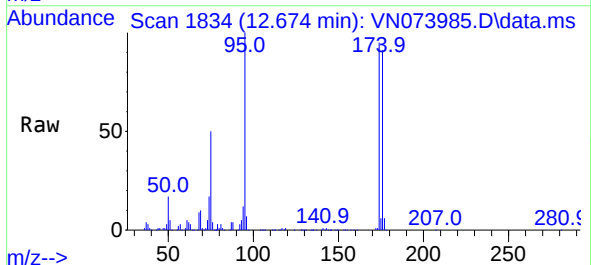
Instrument :
MSVOA_N
ClientSampleId :
FB-08162022

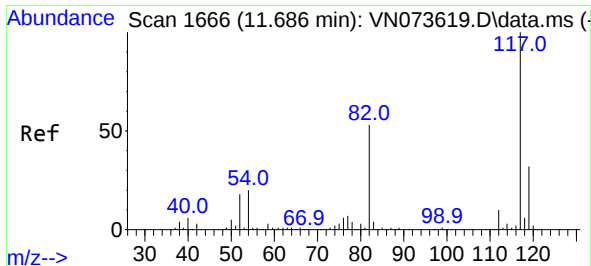
Tgt Ion: 98 Resp: 977083
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.958 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

Tgt Ion: 95 Resp: 411908
Ion Ratio Lower Upper
95 100
174 95.3 0.0 167.6
176 90.9 0.0 163.4

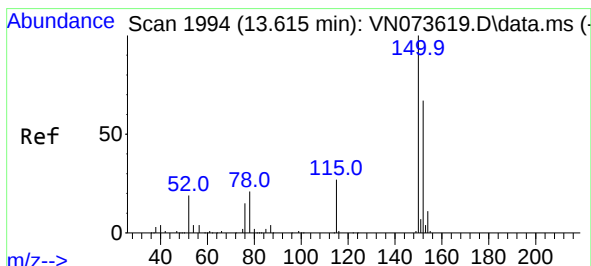
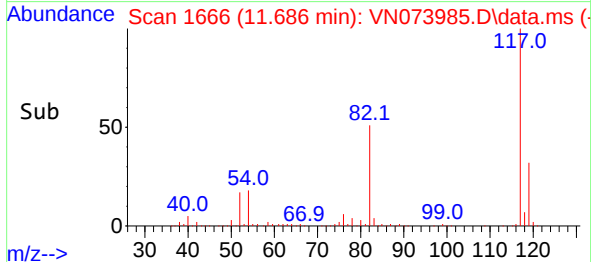
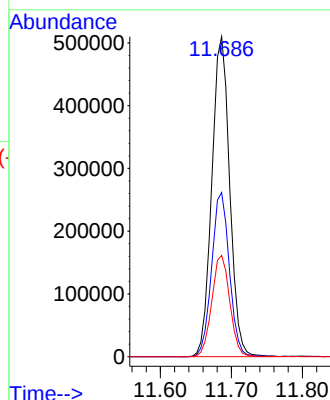
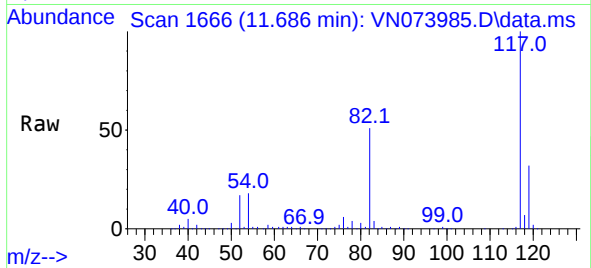




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

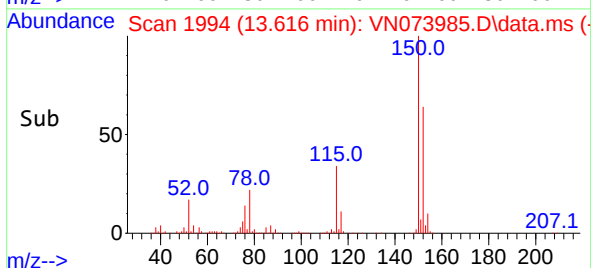
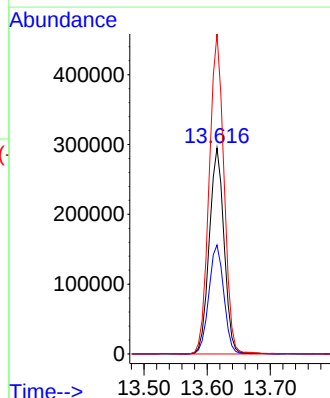
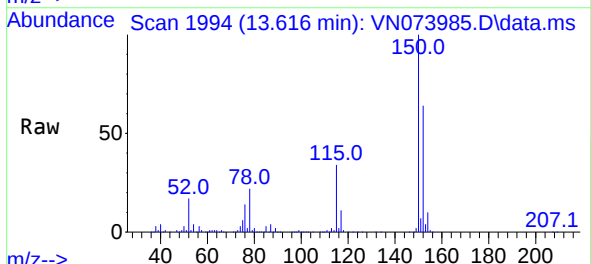
Instrument :
MSVOA_N
ClientSampleId :
FB-08162022

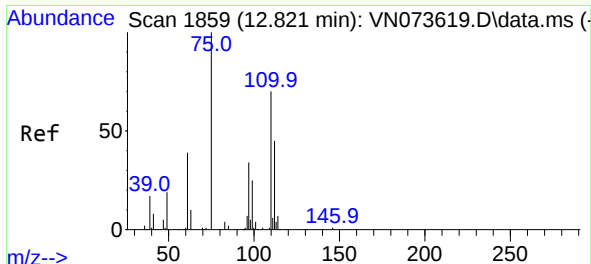
Tgt Ion:117 Resp: 891718
Ion Ratio Lower Upper
117 100
82 51.3 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

Tgt Ion:152 Resp: 479347
Ion Ratio Lower Upper
152 100
115 53.6 28.9 86.7
150 155.9 0.0 356.2

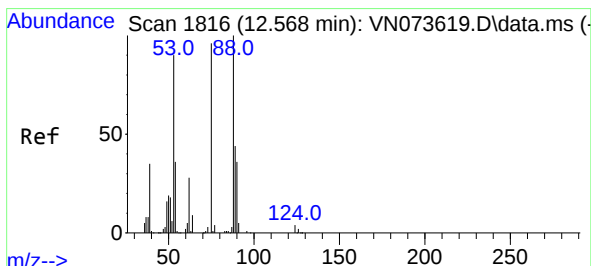
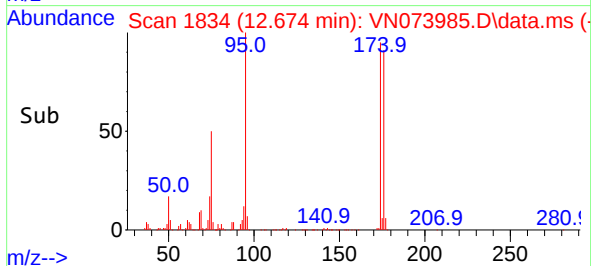
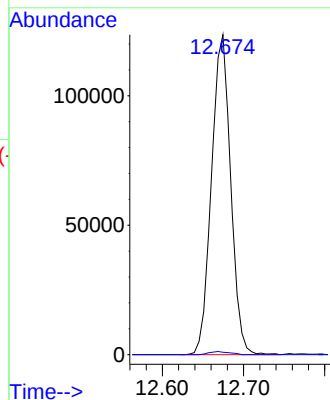
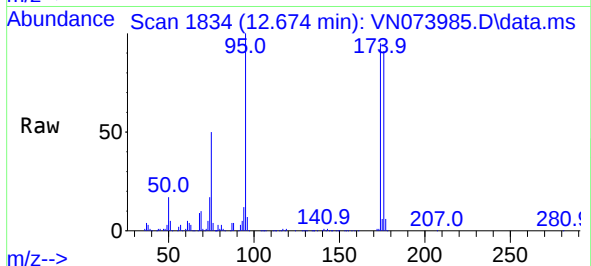




#76
1,2,3-Trichloropropane
Concen: 20.343 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

Instrument :
MSVOA_N
ClientSampleId :
FB-08162022

Tgt Ion: 75 Resp: 202680
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.859 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073985.D
Acq: 17 Aug 2022 18:49

Tgt Ion: 75 Resp: 202680
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

