

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072489.D
 Acq On : 13 May 2022 20:03
 Operator : JC\MD
 Sample : N2800-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB050922

Quant Time: May 14 02:38:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

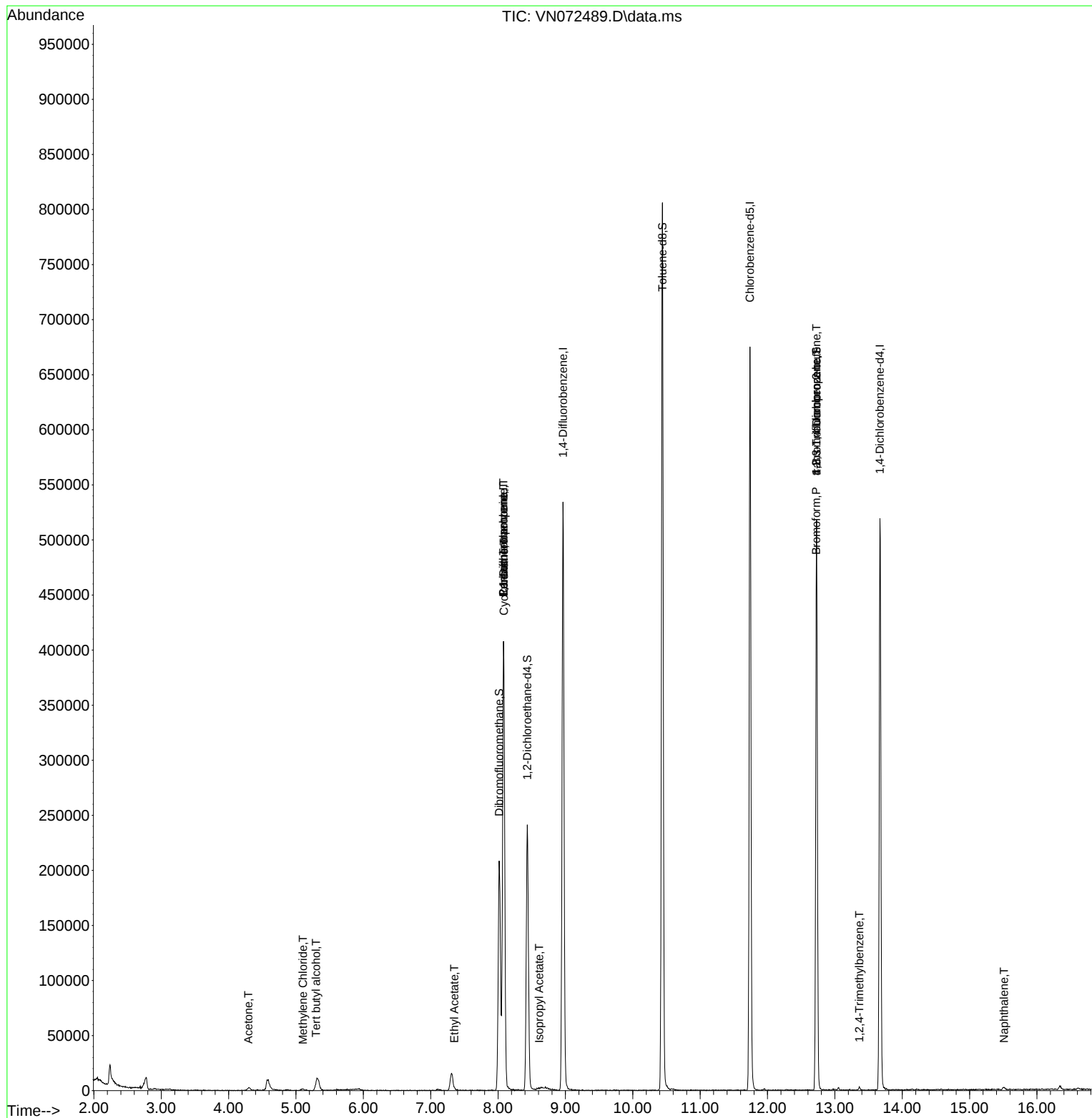
Internal Standards						
1) Pentafluorobenzene	8.081	168	299908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	444392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	378128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	138731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	221540	48.228	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.460%		
35) Dibromofluoromethane	8.016	113	149835	50.679	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.360%		
50) Toluene-d8	10.439	98	545540	48.449	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.900%		
62) 4-Bromofluorobenzene	12.727	95	171206	45.783	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.560%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	480	Below Cal	#	43
6) Chloroethane	3.005	64	82	Below Cal	#	42
11) Tert butyl alcohol	5.298	59	4386	5.839	ug/l #	72
16) Acetone	4.293	43	4503	2.475	ug/l #	70
20) Methylene Chloride	5.104	84	1182	0.317	ug/l #	55
31) Cyclohexane	8.087	56	7042	1.157	ug/l #	39
36) 1,1-Dichloropropene	8.081	75	24702	5.817	ug/l #	48
37) Ethyl Acetate	7.351	43	1593	0.313	ug/l #	67
38) Carbon Tetrachloride	8.081	117	32647	6.869	ug/l #	16
43) Isopropyl Acetate	8.610	43	1686	0.215	ug/l #	53
71) Bromoform	12.722	173	993	0.435	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	97970	27.076	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	97970	90.325	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.363	105	2034	0.222	ug/l	100
95) Naphthalene	15.510	128	2873	3.582	ug/l #	88

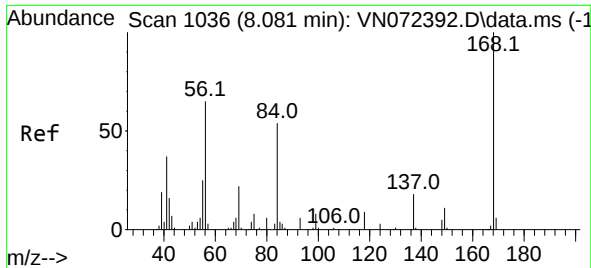
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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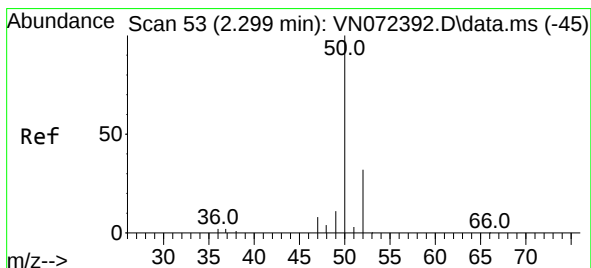
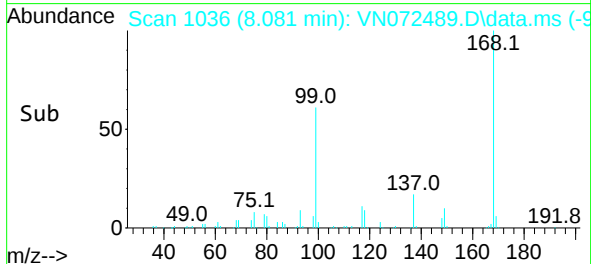
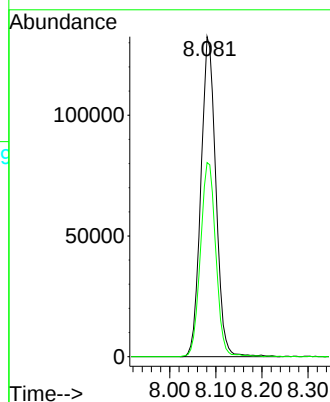
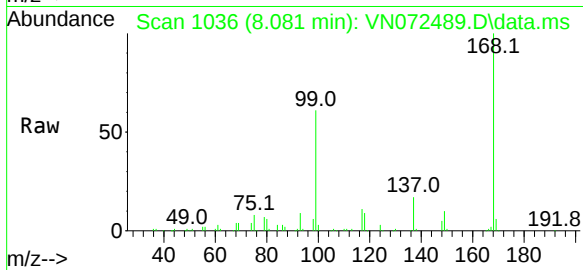




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

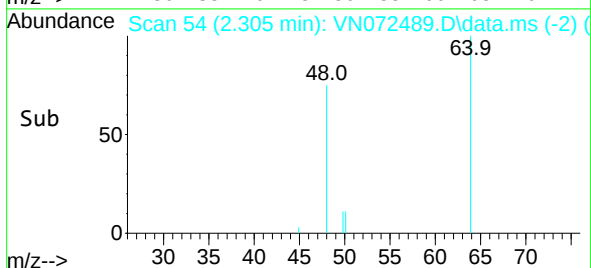
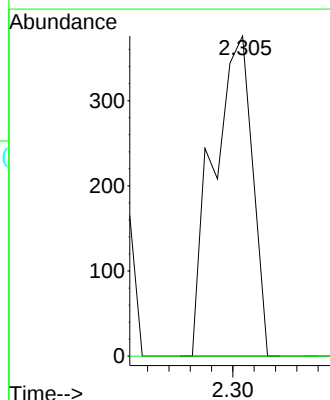
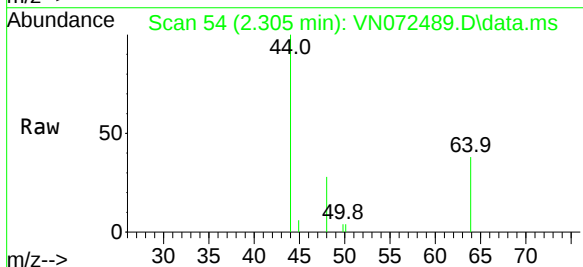
Instrument :
MSVOA_N
ClientSampleId :
FB050922

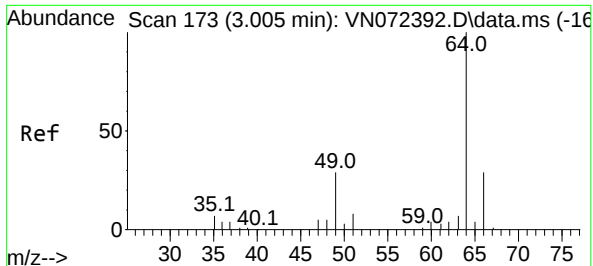
Tgt Ion:168 Resp: 299908
Ion Ratio Lower Upper
168 100
99 60.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

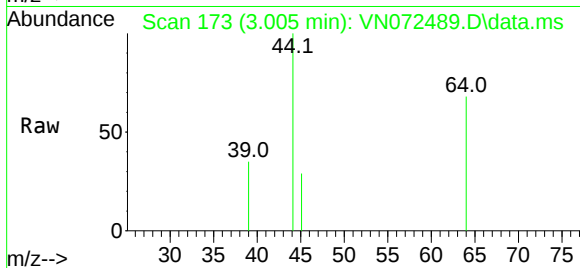
Tgt Ion: 50 Resp: 480
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#



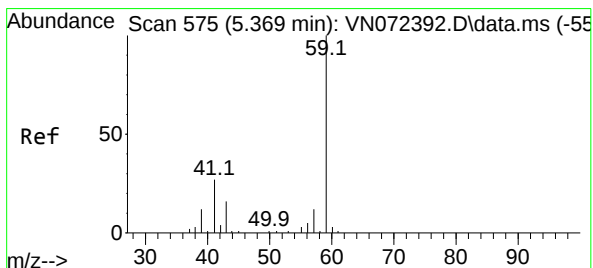
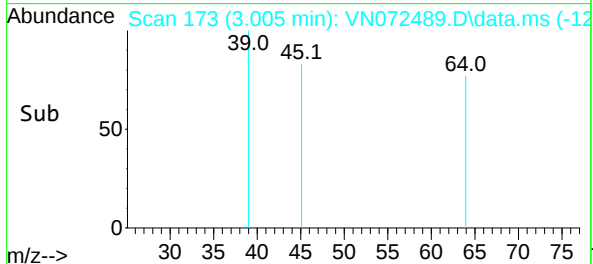
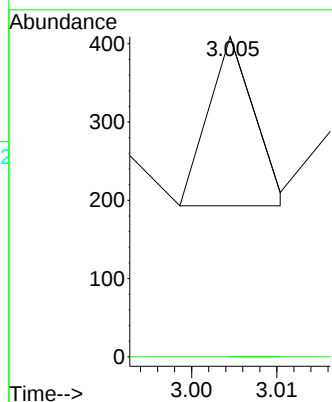


#6
Chloroethane
Concen: Below Cal
RT: 3.005 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

Instrument :
MSVOA_N
ClientSampleId :
FB050922

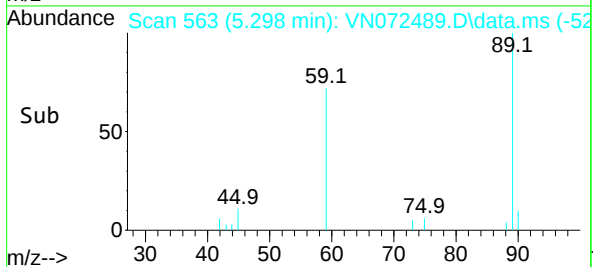
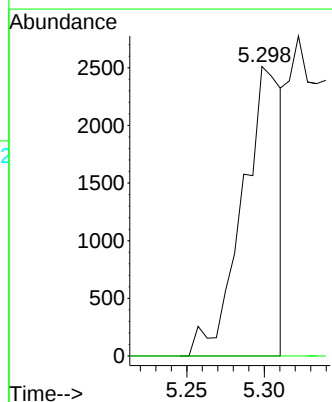
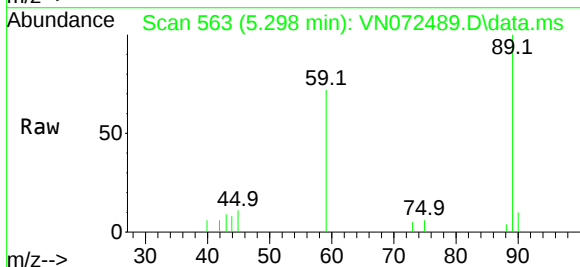


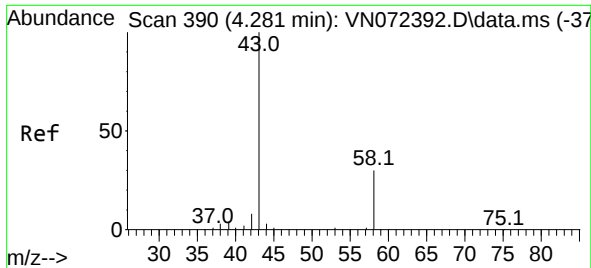
Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 5.839 ug/l
RT: 5.298 min Scan# 563
Delta R.T. -0.071 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

Tgt Ion: 59 Resp: 4386
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 2.475 ug/l

RT: 4.293 min Scan# 390

Delta R.T. 0.012 min

Lab File: VN072489.D

Acq: 13 May 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

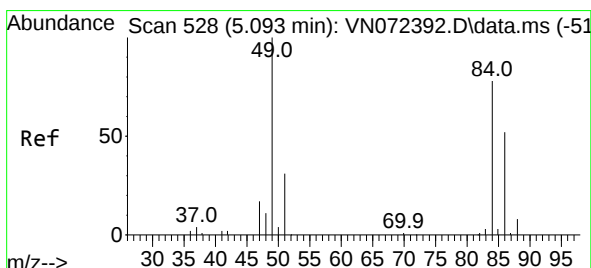
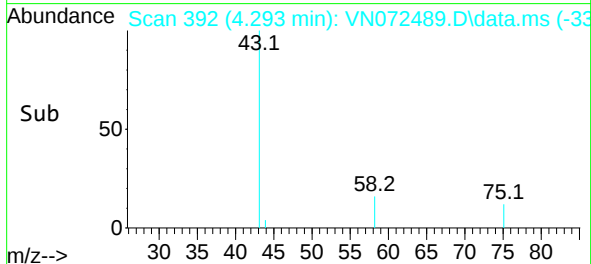
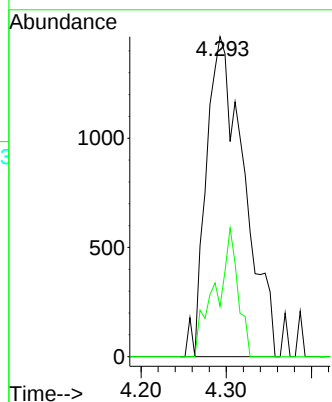
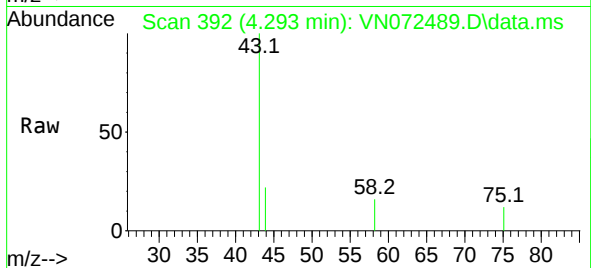
FB050922

Tgt Ion: 43 Resp: 4503

Ion Ratio Lower Upper

43 100

58 15.8 26.0 39.0#



#20

Methylene Chloride

Concen: 0.317 ug/l

RT: 5.104 min Scan# 530

Delta R.T. 0.011 min

Lab File: VN072489.D

Acq: 13 May 2022 20:03

Tgt Ion: 84 Resp: 1182

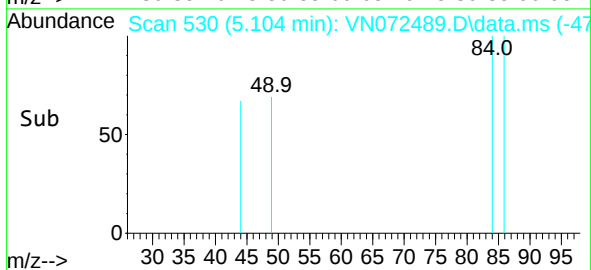
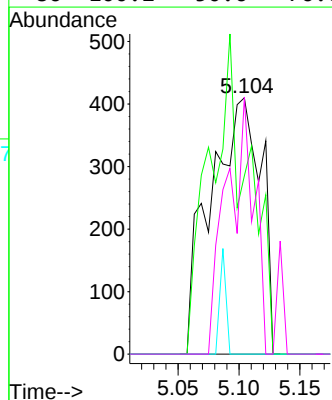
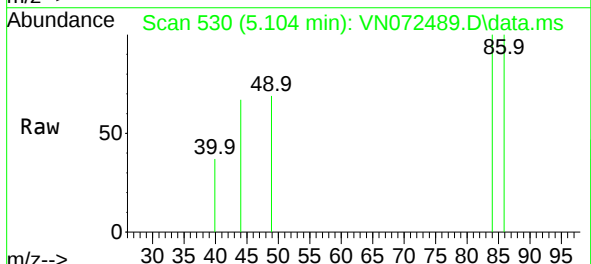
Ion Ratio Lower Upper

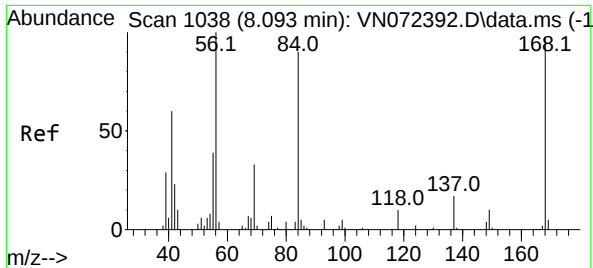
84 100

49 69.5 88.3 132.5#

51 0.0 28.2 42.2#

86 100.2 50.6 76.0#

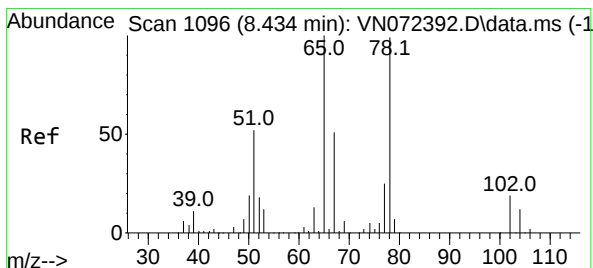
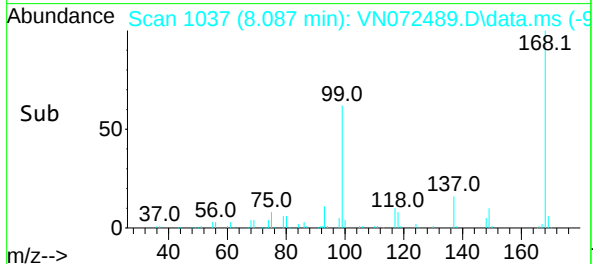
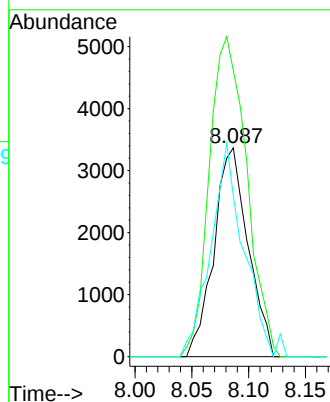
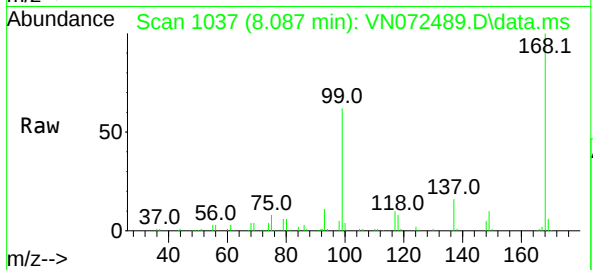




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

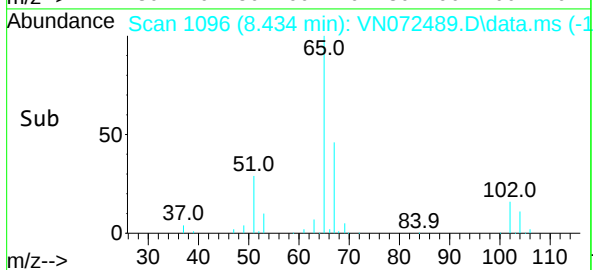
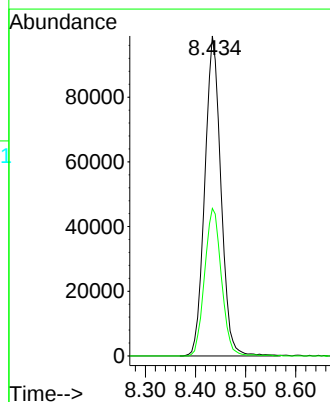
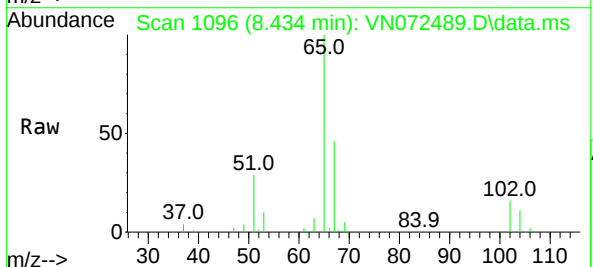
Instrument :
MSVOA_N
ClientSampleId :
FB050922

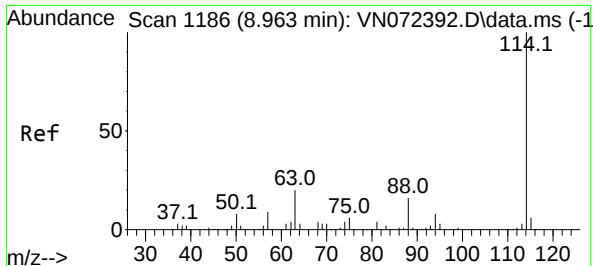
Tgt Ion: 56 Resp: 7042
Ion Ratio Lower Upper
56 100
69 137.1 27.8 41.8#
84 77.0 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 48.228 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

Tgt Ion: 65 Resp: 221540
Ion Ratio Lower Upper
65 100
67 47.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072489.D

Acq: 13 May 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

FB050922

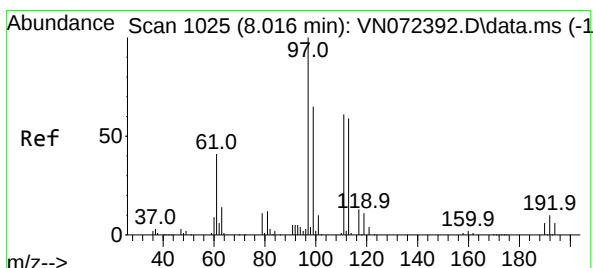
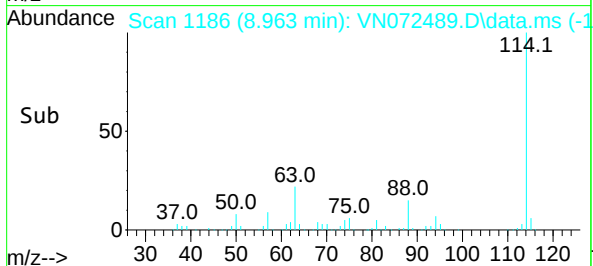
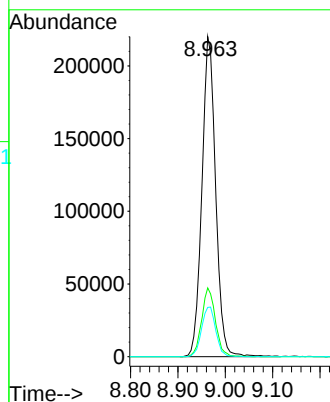
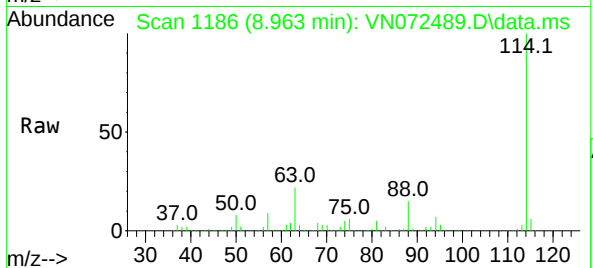
Tgt Ion:114 Resp: 444392

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.679 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072489.D

Acq: 13 May 2022 20:03

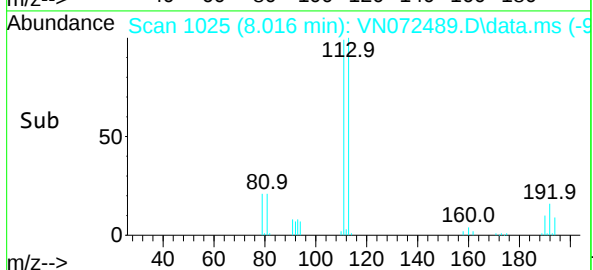
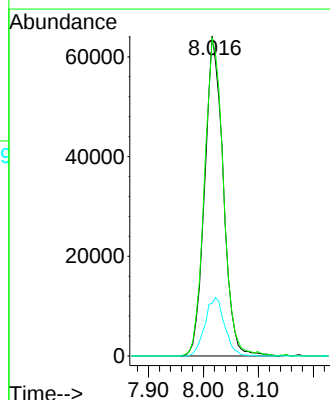
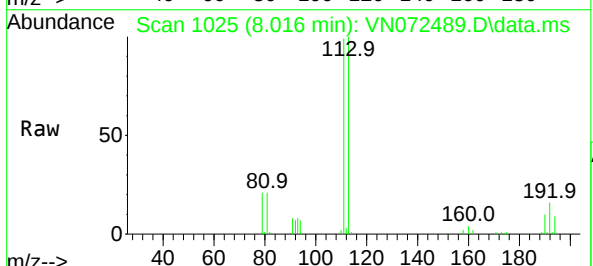
Tgt Ion:113 Resp: 149835

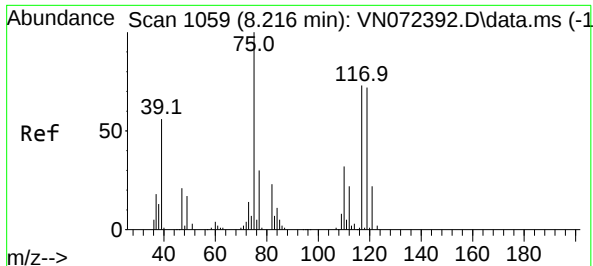
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 19.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.817 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN072489.D

Acq: 13 May 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

FB050922

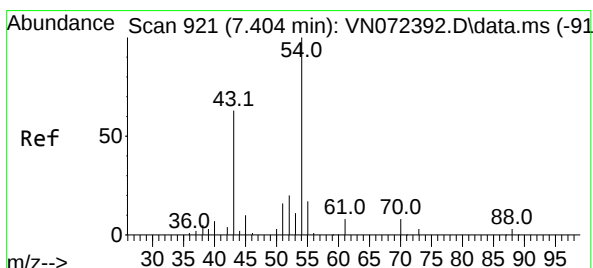
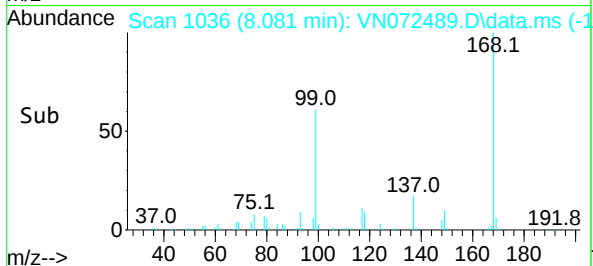
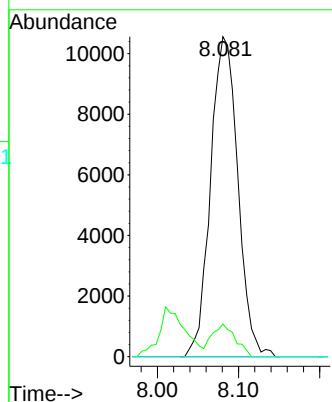
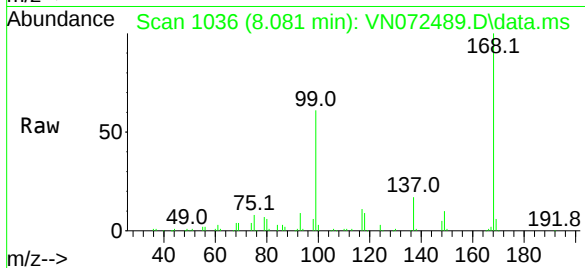
Tgt Ion: 75 Resp: 24702

Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.313 ug/l

RT: 7.351 min Scan# 912

Delta R.T. -0.053 min

Lab File: VN072489.D

Acq: 13 May 2022 20:03

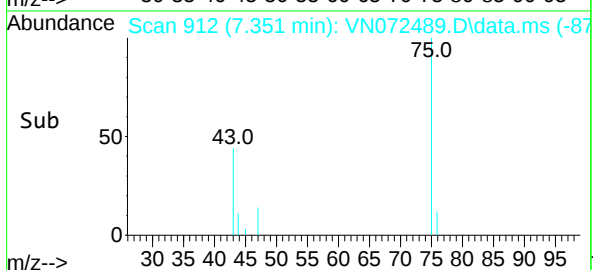
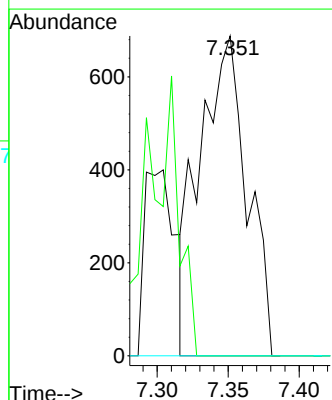
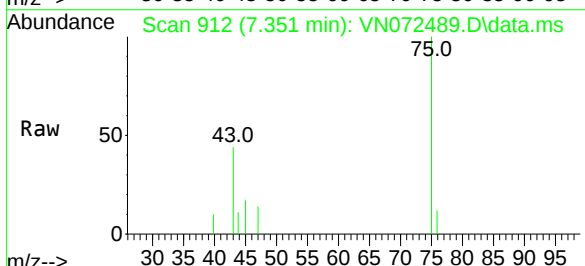
Tgt Ion: 43 Resp: 1593

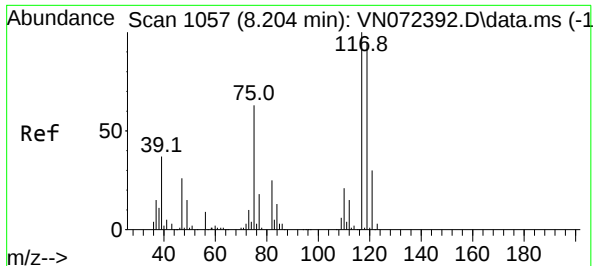
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

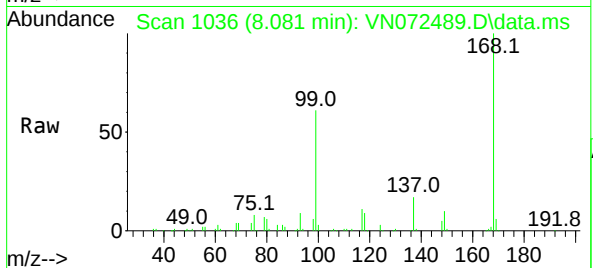
70 0.0 9.3 13.9#



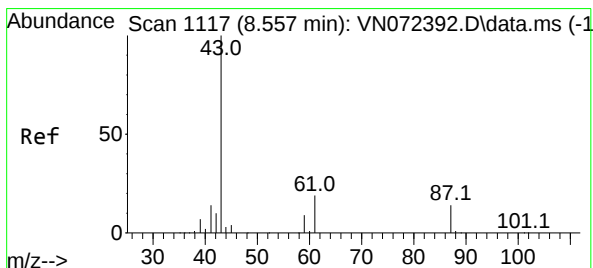
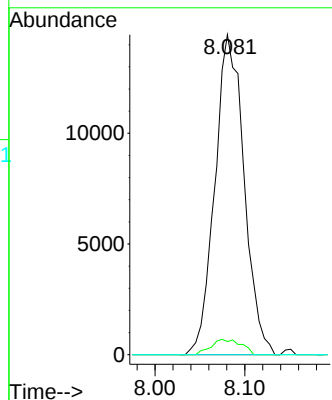
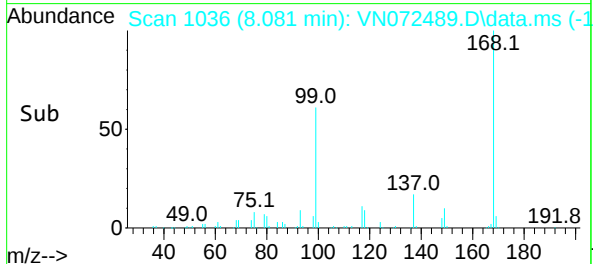


#38
Carbon Tetrachloride
Concen: 6.869 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

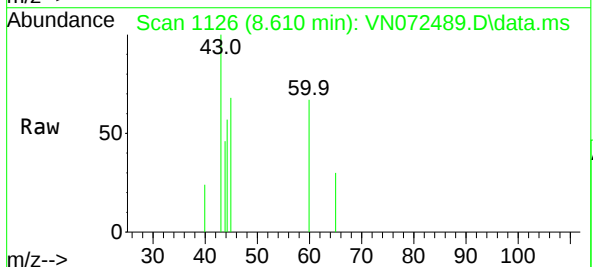
Instrument :
MSVOA_N
ClientSampleId :
FB050922



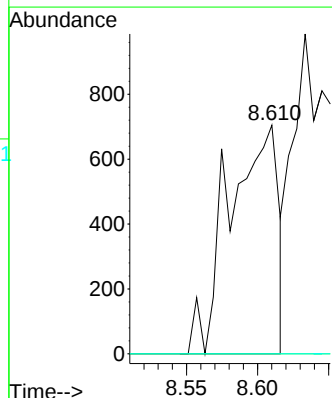
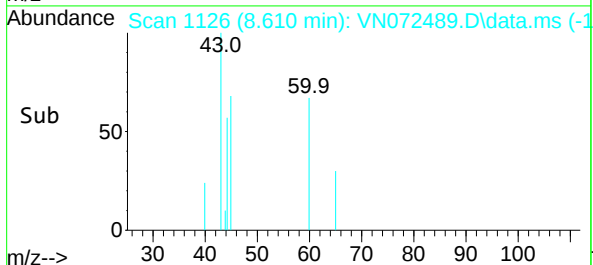
Tgt Ion: 117 Resp: 32647
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 24.6 37.0#

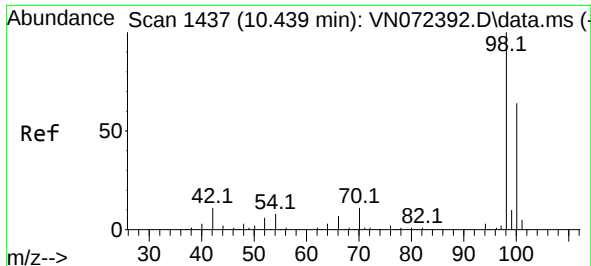


#43
Isopropyl Acetate
Concen: 0.215 ug/l
RT: 8.610 min Scan# 1126
Delta R.T. 0.053 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03



Tgt Ion: 43 Resp: 1686
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

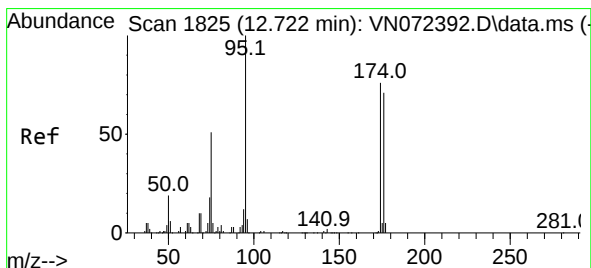
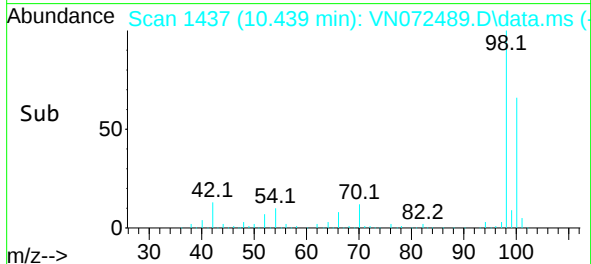
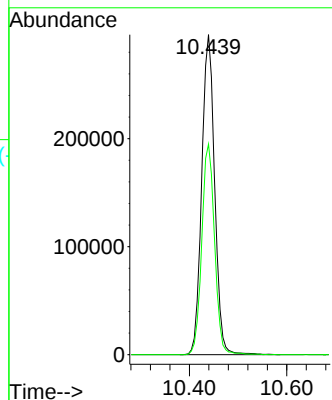
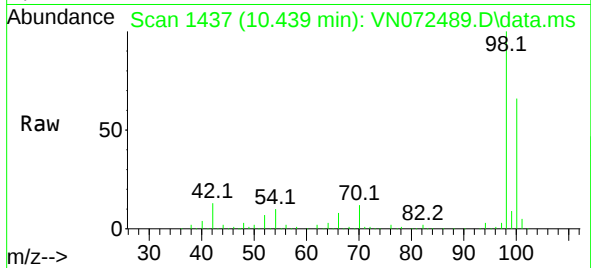




#50
Toluene-d8
Concen: 48.449 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

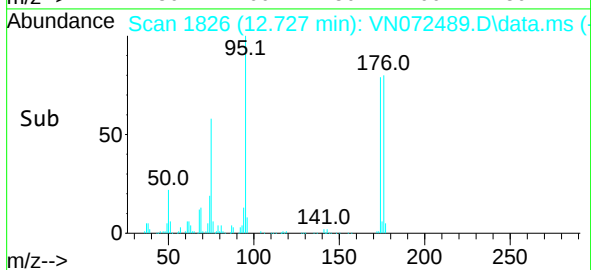
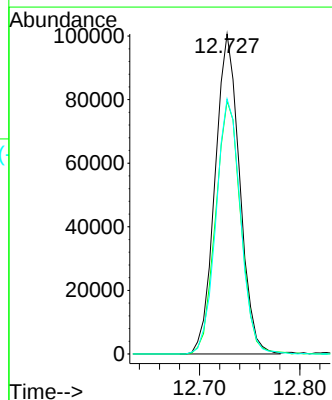
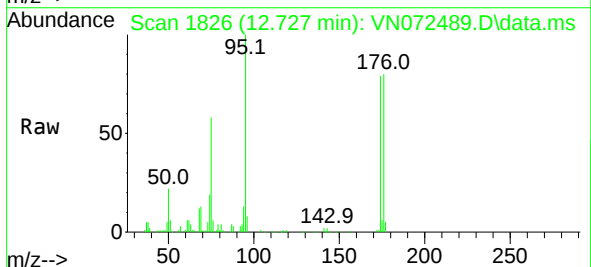
Instrument :
MSVOA_N
ClientSampleId :
FB050922

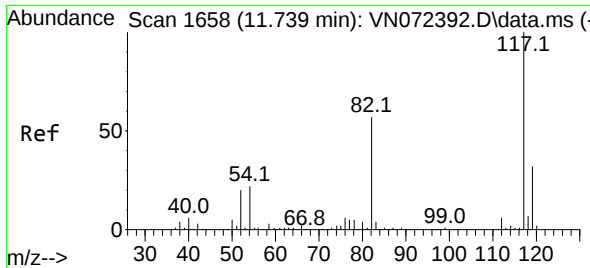
Tgt Ion: 98 Resp: 545540
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.783 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

Tgt Ion: 95 Resp: 171206
Ion Ratio Lower Upper
95 100
174 80.3 0.0 167.6
176 79.5 0.0 163.4

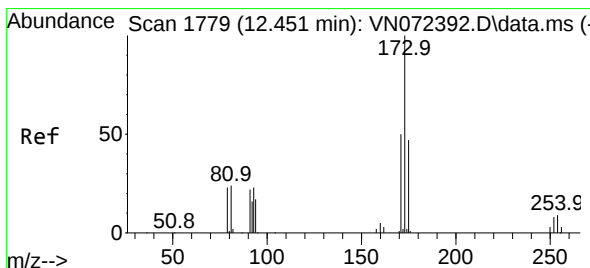
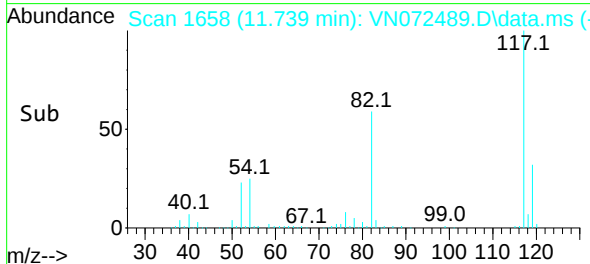
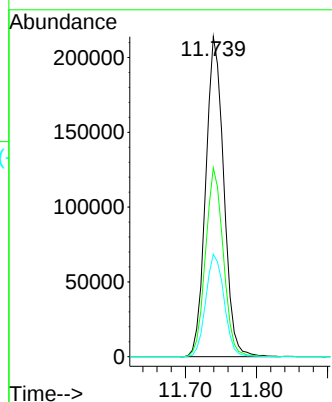
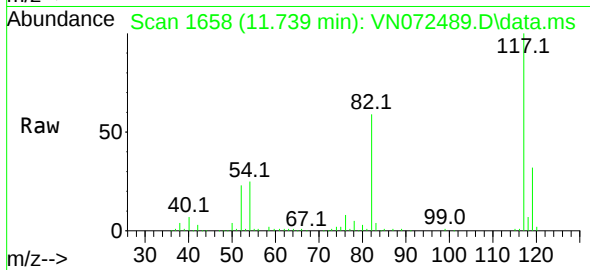




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

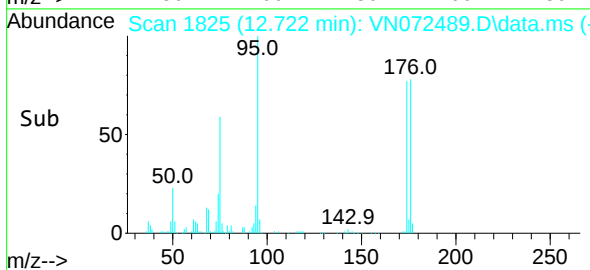
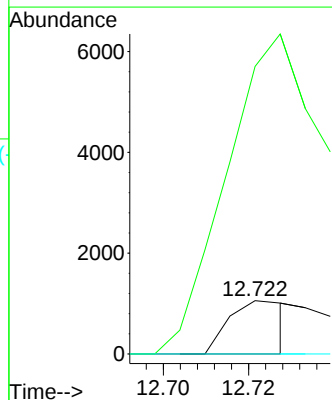
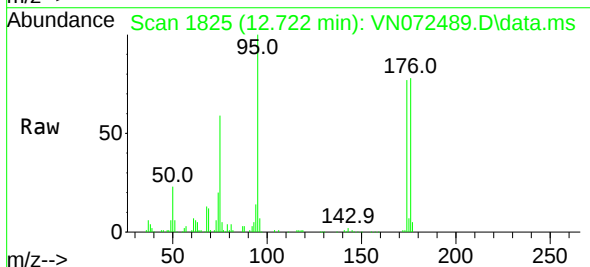
Instrument :
MSVOA_N
ClientSampleId :
FB050922

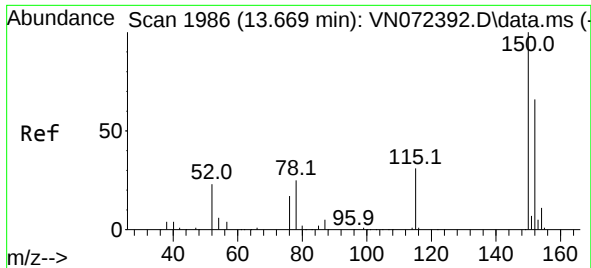
Tgt Ion:117 Resp: 378128
Ion Ratio Lower Upper
117 100
82 59.0 44.2 66.2
119 32.1 25.4 38.0



#71
Bromoform
Concen: 0.435 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

Tgt Ion:173 Resp: 993
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

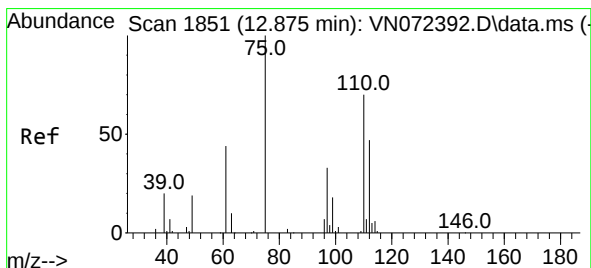
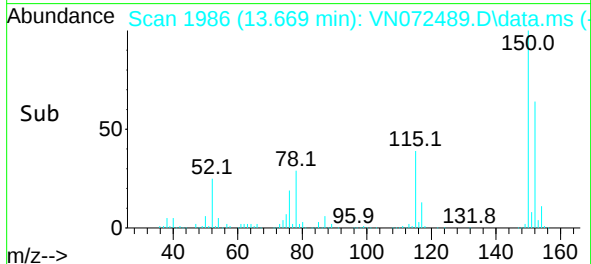
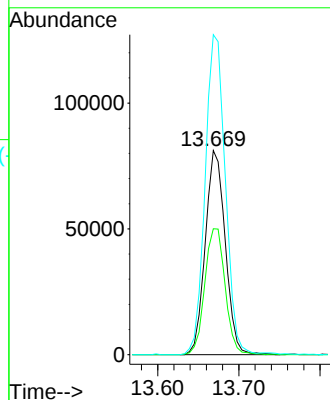
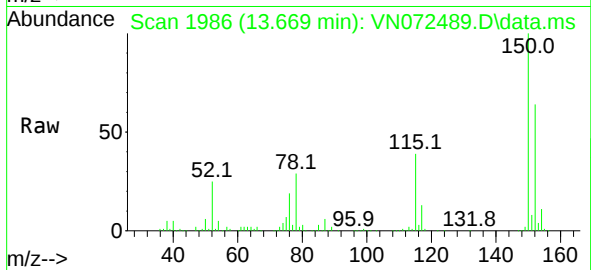




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN072489.D
 Acq: 13 May 2022 20:03

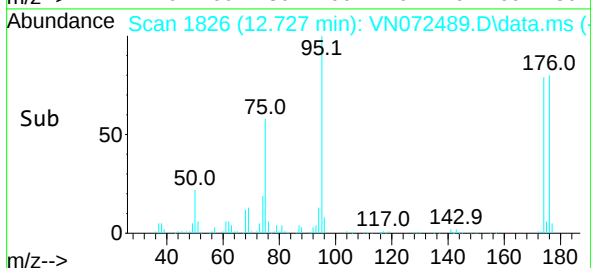
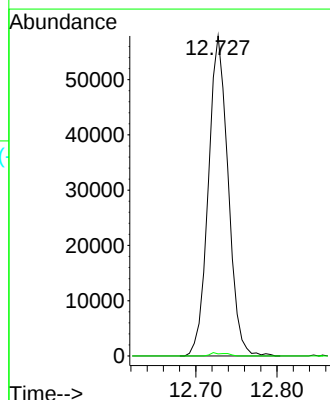
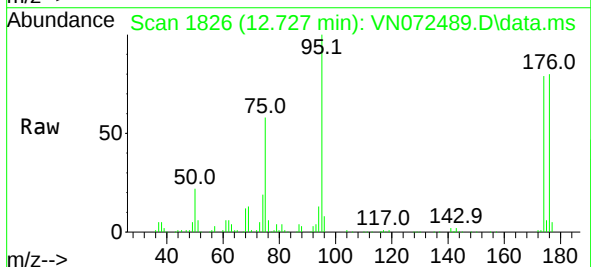
Instrument :
 MSVOA_N
 ClientSampleId :
 FB050922

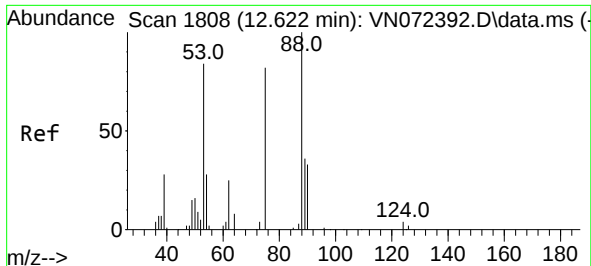
Tgt Ion:152 Resp: 138731
 Ion Ratio Lower Upper
 152 100
 115 62.9 28.9 86.7
 150 158.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 27.076 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.148 min
 Lab File: VN072489.D
 Acq: 13 May 2022 20:03

Tgt Ion: 75 Resp: 97970
 Ion Ratio Lower Upper
 75 100
 77 0.8 98.5 295.5#

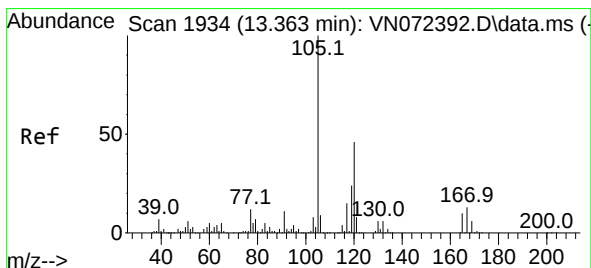
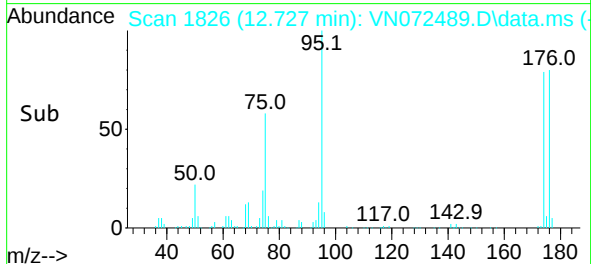
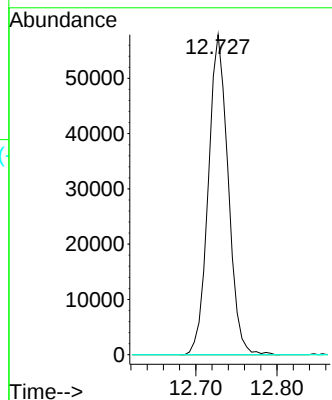
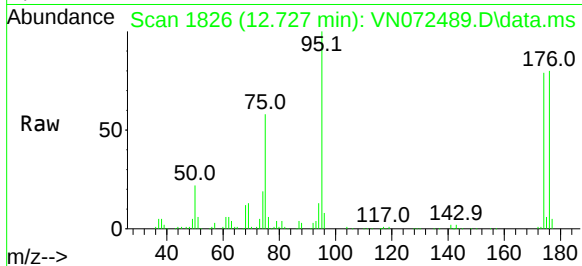




#81
trans-1,4-Dichloro-2-butene
Concen: 90.325 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

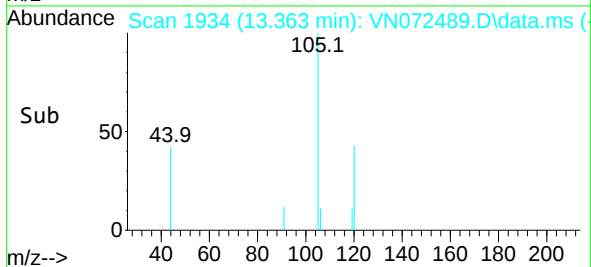
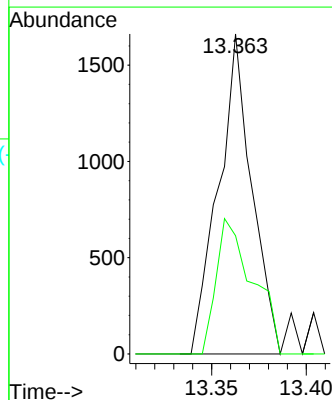
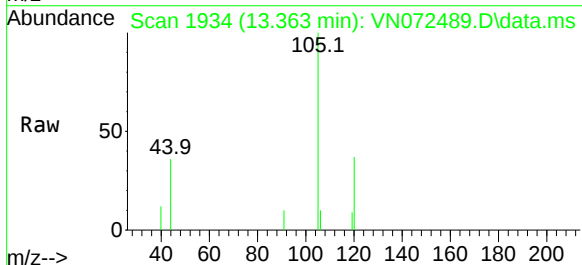
Instrument :
MSVOA_N
ClientSampleId :
FB050922

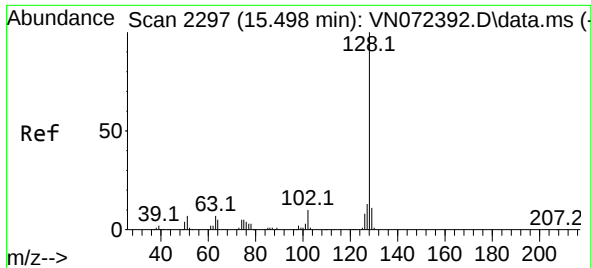
Tgt Ion: 75 Resp: 97970
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.222 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

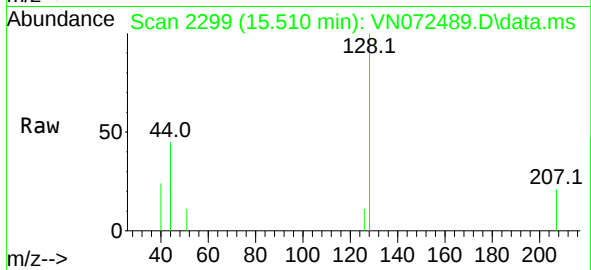
Tgt Ion: 105 Resp: 2034
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8





#95
Naphthalene
Concen: 3.582 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN072489.D
Acq: 13 May 2022 20:03

Instrument :
MSVOA_N
ClientSampleId :
FB050922



Tgt Ion:128 Resp: 2873
Ion Ratio Lower Upper
128 100
127 8.8 10.3 15.5#
129 5.3 8.6 13.0#

