

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071489.D
 Acq On : 23 Mar 2022 01:48
 Operator : JC\MD
 Sample : N1972-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 G-5-6-12-13

Quant Time: Mar 23 07:14:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

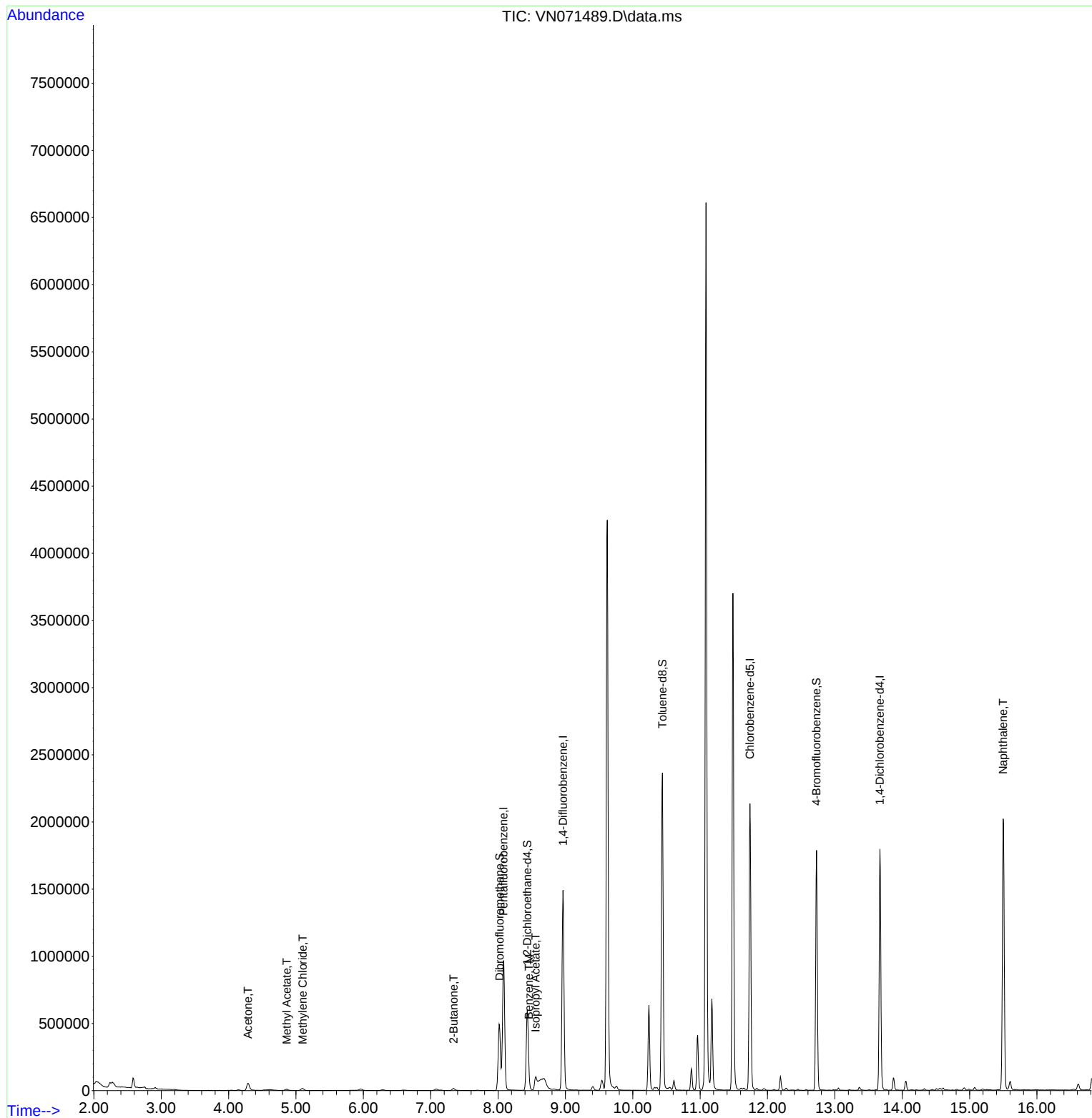
Internal Standards						
1) Pentafluorobenzene	8.081	168	733024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1278561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1237208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	483859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	485447	48.321	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.640%		
35) Dibromofluoromethane	8.022	113	368873	45.720	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.440%		
50) Toluene-d8	10.439	98	1599791	49.247	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.727	95	611243	55.567	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.140%		
Target Compounds					Qvalue	
16) Acetone	4.287	43	102987	21.068	ug/l	98
18) Methyl Acetate	4.863	43	21635	2.103	ug/l #	90
20) Methylene Chloride	5.098	84	11455	1.654	ug/l	93
25) 2-Butanone	7.339	43	28979	3.680	ug/l	94
40) Benzene	8.457	78	17478	0.449	ug/l	99
43) Isopropyl Acetate	8.557	43	133773	5.028	ug/l #	76
95) Naphthalene	15.498	128	1850387	80.034	ug/l	99

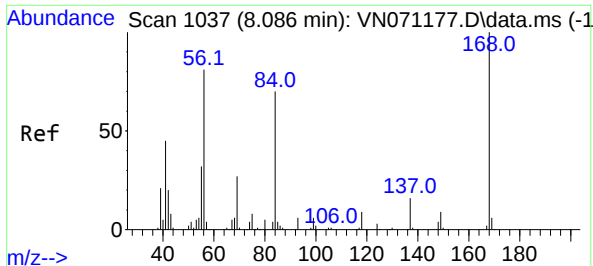
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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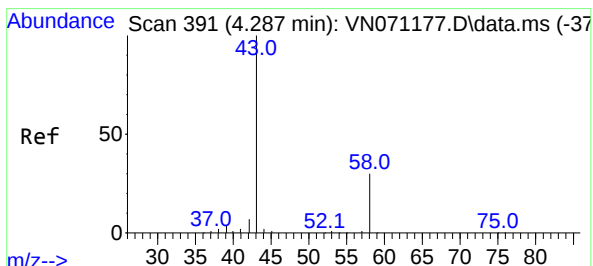
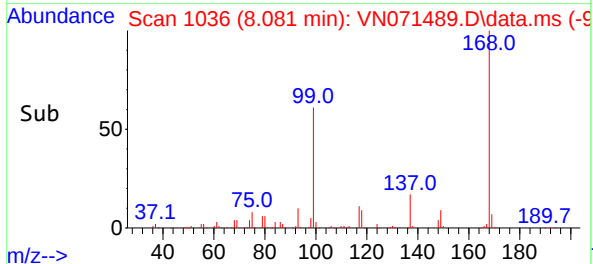
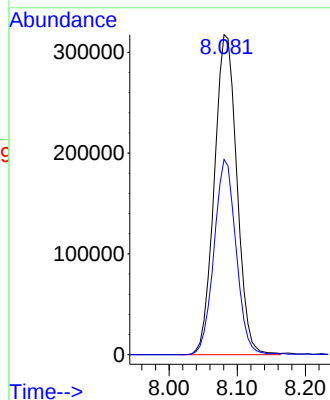
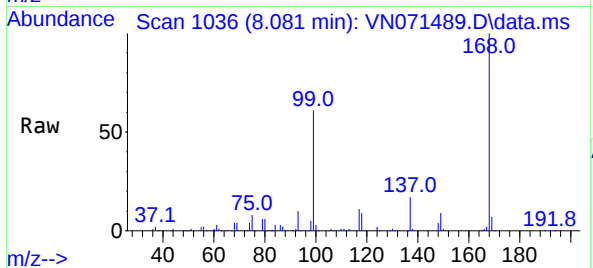




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

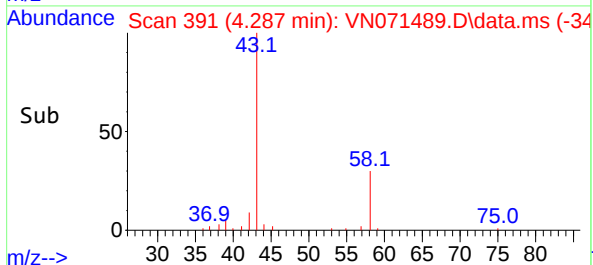
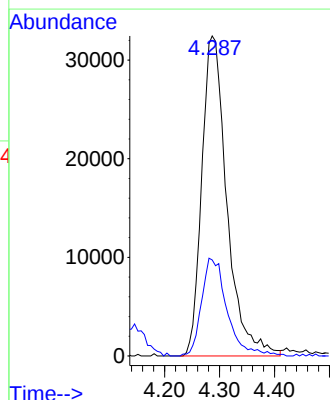
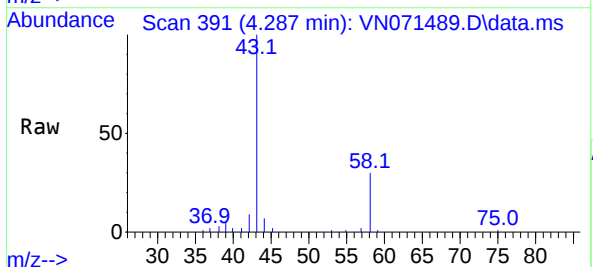
Instrument :
MSVOA_N
ClientSampleId :
G-5-6-12-13

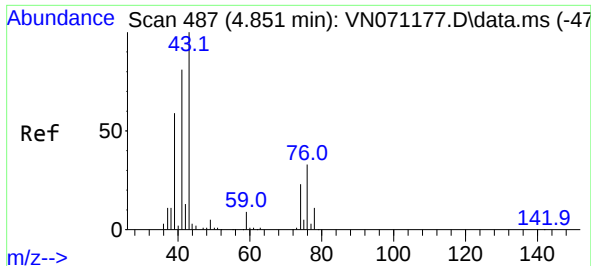
Tgt Ion:168 Resp: 733024
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#16
Acetone
Concen: 21.068 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

Tgt Ion: 43 Resp: 102987
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7

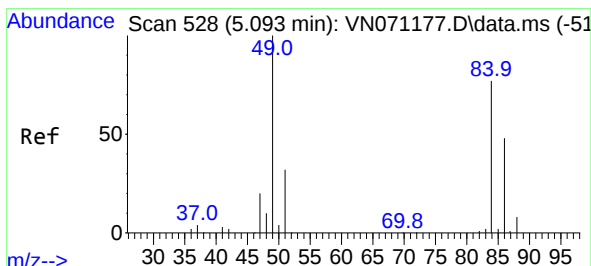
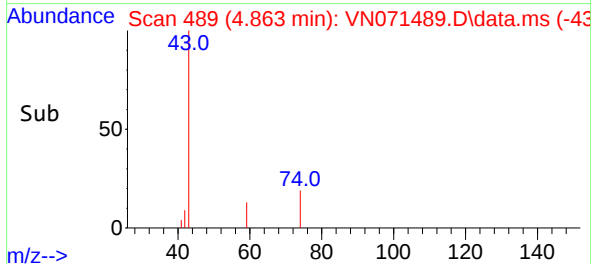
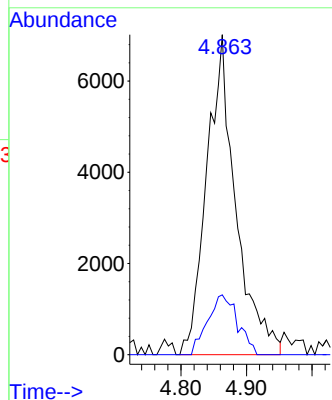
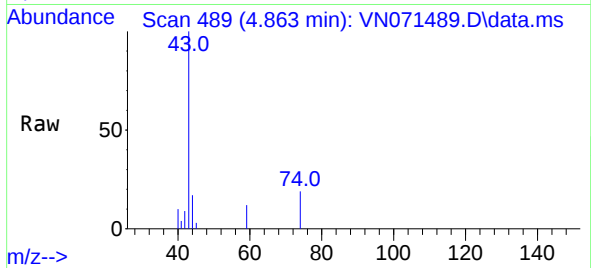




#18
Methyl Acetate
Concen: 2.103 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

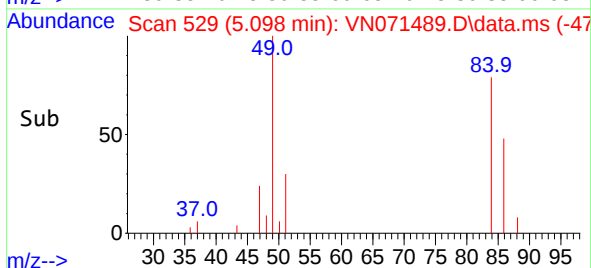
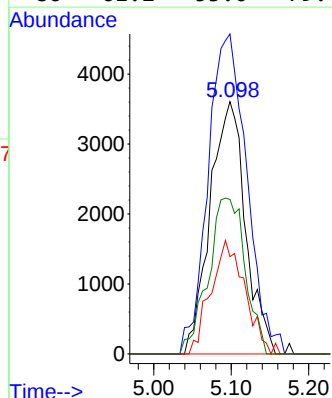
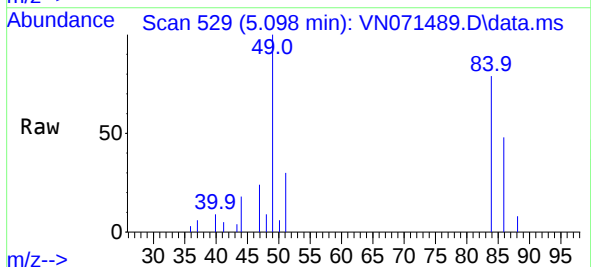
Instrument :
MSVOA_N
ClientSampleId :
G-5-6-12-13

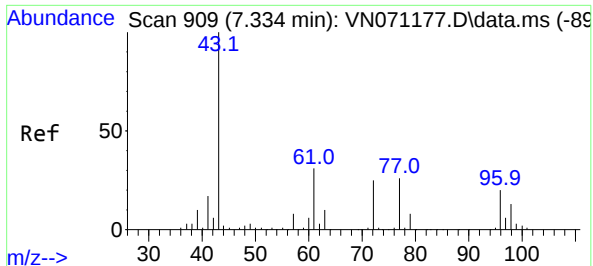
Tgt Ion: 43 Resp: 21635
Ion Ratio Lower Upper
43 100
74 19.3 19.4 29.2#



#20
Methylene Chloride
Concen: 1.654 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

Tgt Ion: 84 Resp: 11455
Ion Ratio Lower Upper
84 100
49 126.8 93.5 140.3
51 38.6 29.4 44.2
86 61.2 53.0 79.4





#25

2-Butanone

Concen: 3.680 ug/l

RT: 7.339 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN071489.D

Acq: 23 Mar 2022 01:48

Instrument :

MSVOA_N

ClientSampleId :

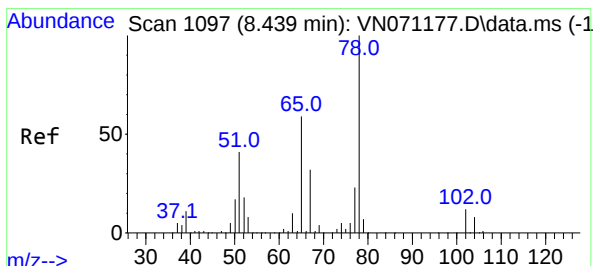
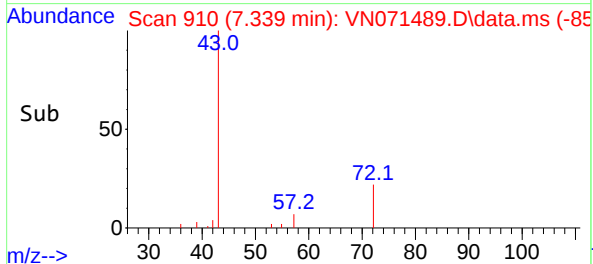
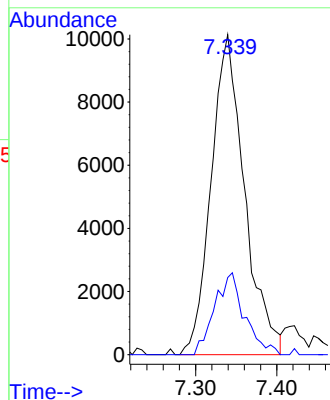
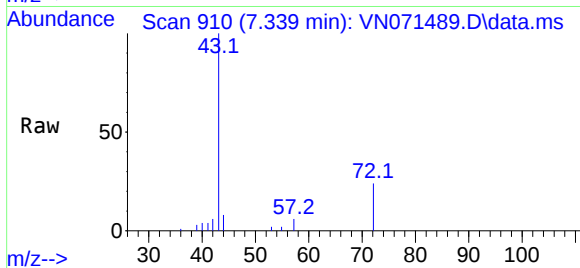
G-5-6-12-13

Tgt Ion: 43 Resp: 28979

Ion Ratio Lower Upper

43 100

72 24.1 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 48.321 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071489.D

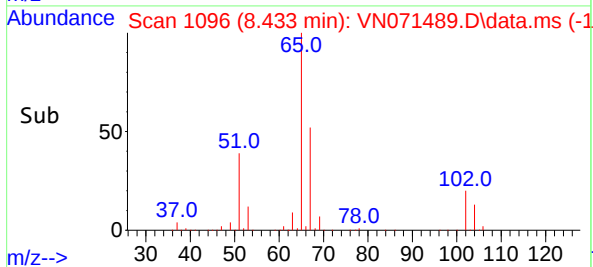
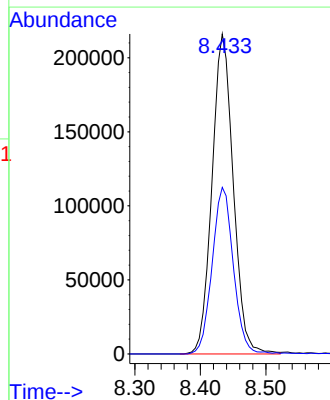
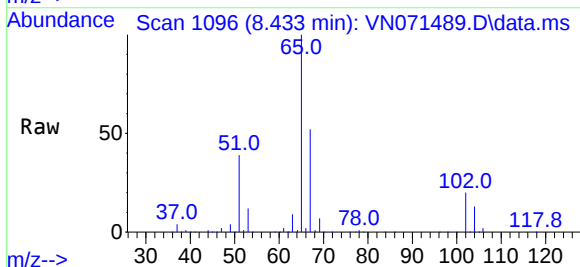
Acq: 23 Mar 2022 01:48

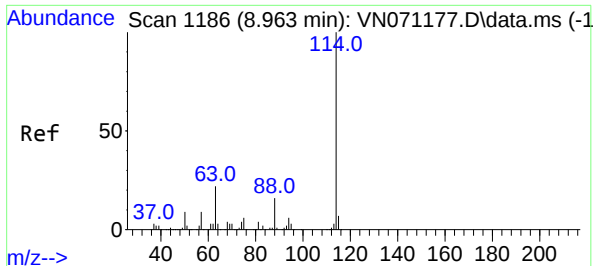
Tgt Ion: 65 Resp: 485447

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071489.D

Acq: 23 Mar 2022 01:48

Instrument :

MSVOA_N

ClientSampleId :

G-5-6-12-13

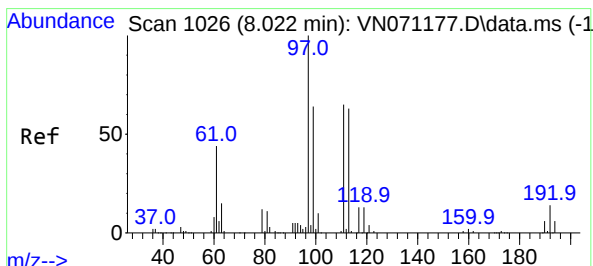
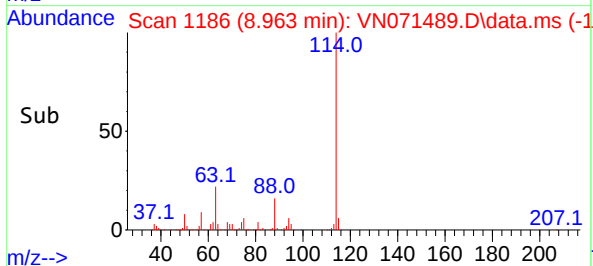
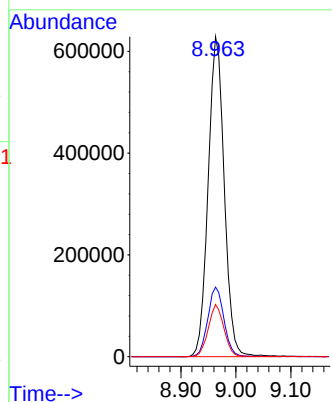
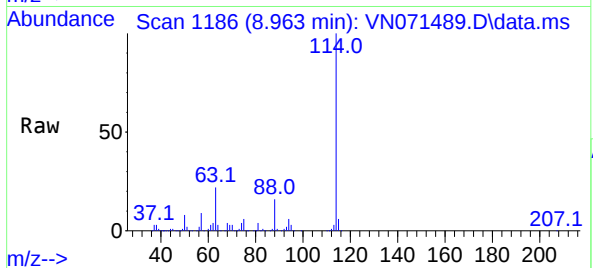
Tgt Ion:114 Resp: 1278561

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 45.720 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN071489.D

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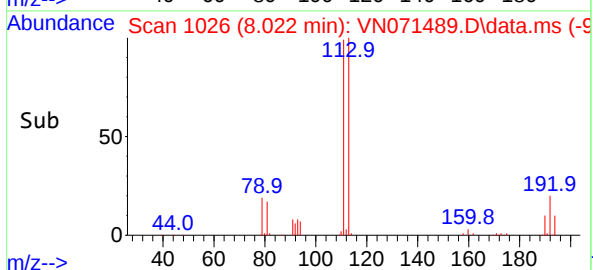
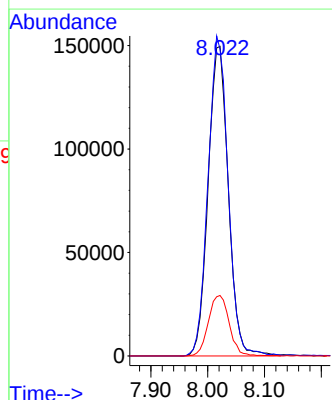
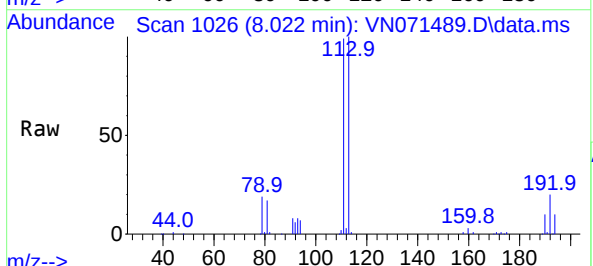
Tgt Ion:113 Resp: 368873

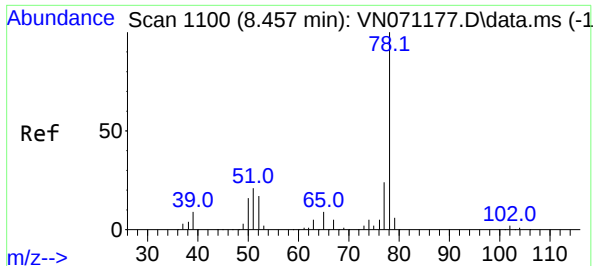
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 20.2 16.9 25.3

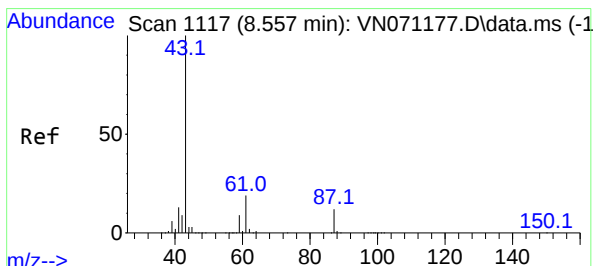
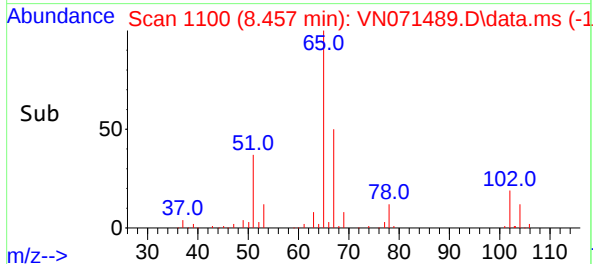
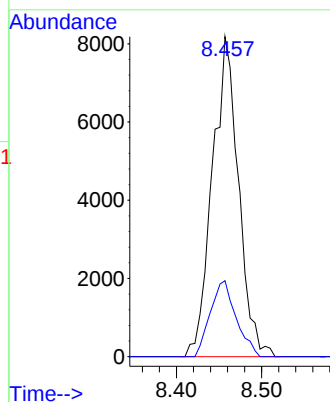
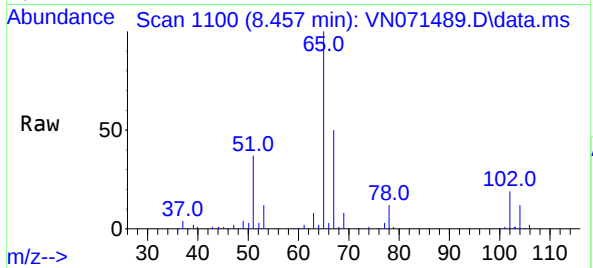




#40
Benzene
Concen: 0.449 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

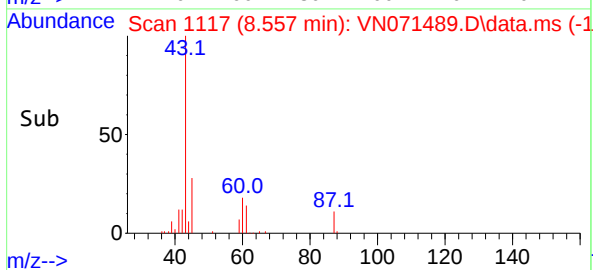
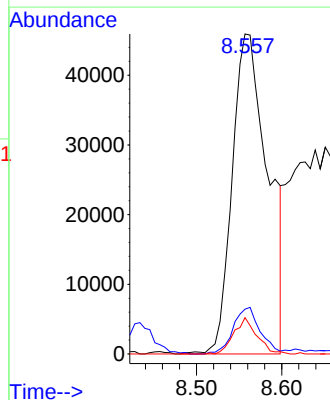
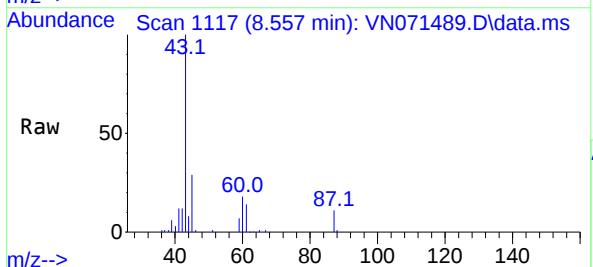
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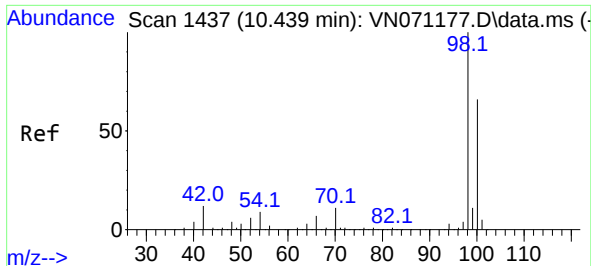
Tgt Ion: 78 Resp: 17478
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8



#43
Isopropyl Acetate
Concen: 5.028 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

Tgt Ion: 43 Resp: 133773
Ion Ratio Lower Upper
43 100
61 11.2 20.4 30.6#
87 7.3 11.2 16.8#

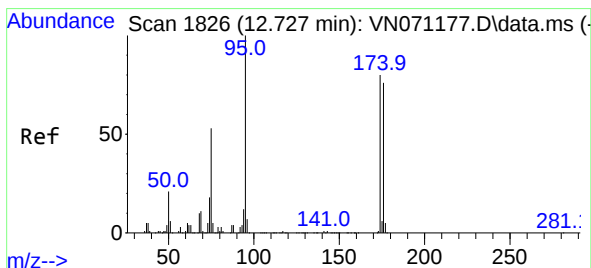
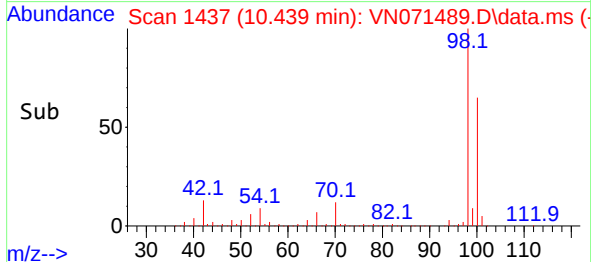
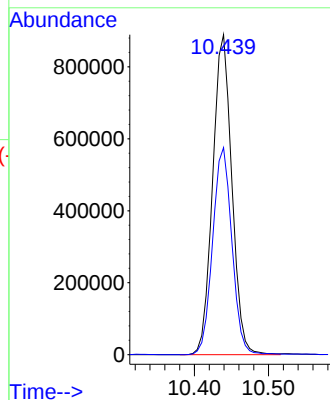
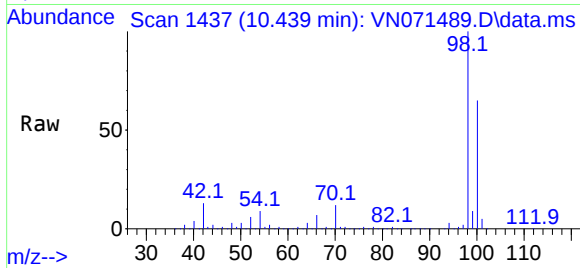




#50
Toluene-d8
Concen: 49.247 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

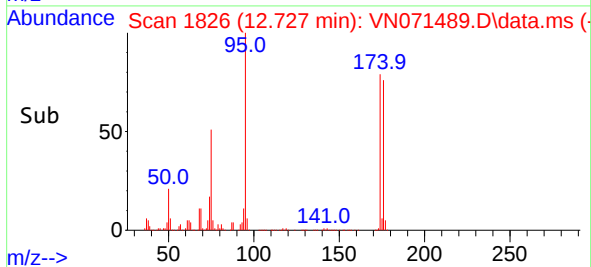
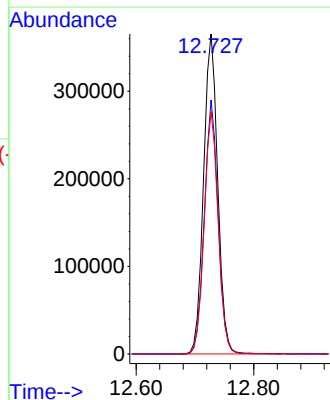
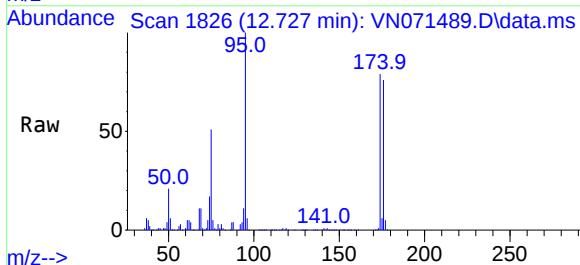
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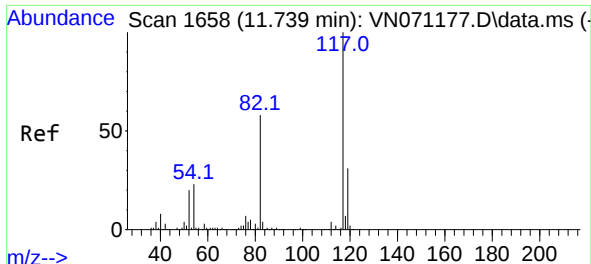
Tgt Ion: 98 Resp: 1599791
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.567 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

Tgt Ion: 95 Resp: 611243
Ion Ratio Lower Upper
95 100
174 77.7 0.0 187.2
176 74.5 0.0 181.4

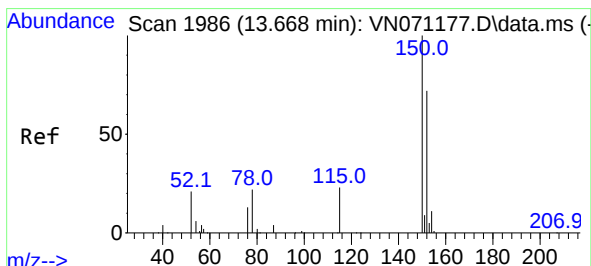
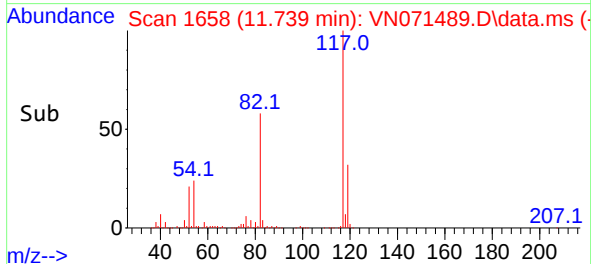
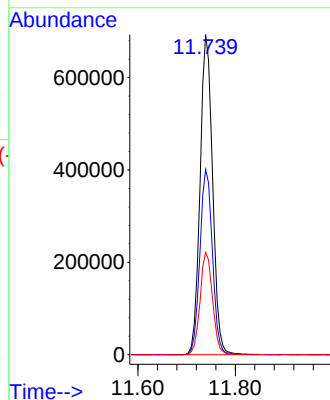
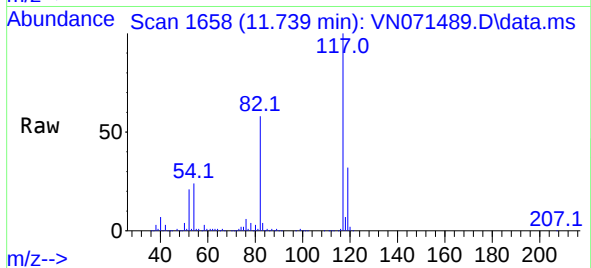




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

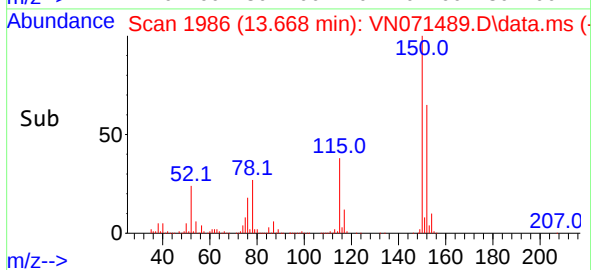
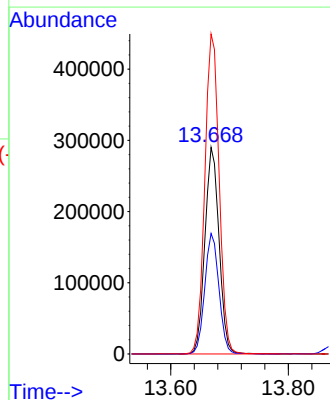
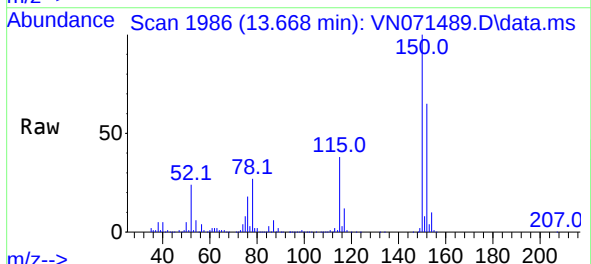
Instrument :
MSVOA_N
ClientSampleId :
G-5-6-12-13

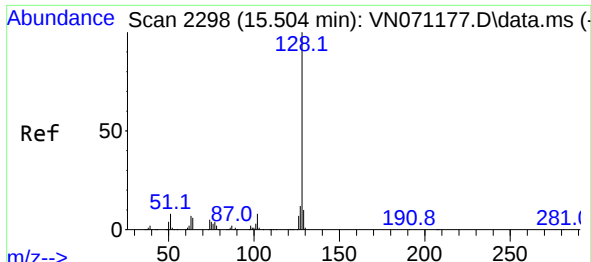
Tgt Ion:117 Resp: 1237208
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

Tgt Ion:152 Resp: 483859
Ion Ratio Lower Upper
152 100
115 58.5 27.5 82.5
150 156.5 0.0 344.4





#95
Naphthalene
Concen: 80.034 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071489.D
Acq: 23 Mar 2022 01:48

Instrument :
MSVOA_N
ClientSampleId :
G-5-6-12-13

Tgt Ion:128 Resp: 1850387
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.8 8.7 13.1

