

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071834.D
 Acq On : 04 Apr 2022 16:17
 Operator : JC\MD
 Sample : N2229-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AQUEOUS-DRUM

Quant Time: Apr 05 01:19:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

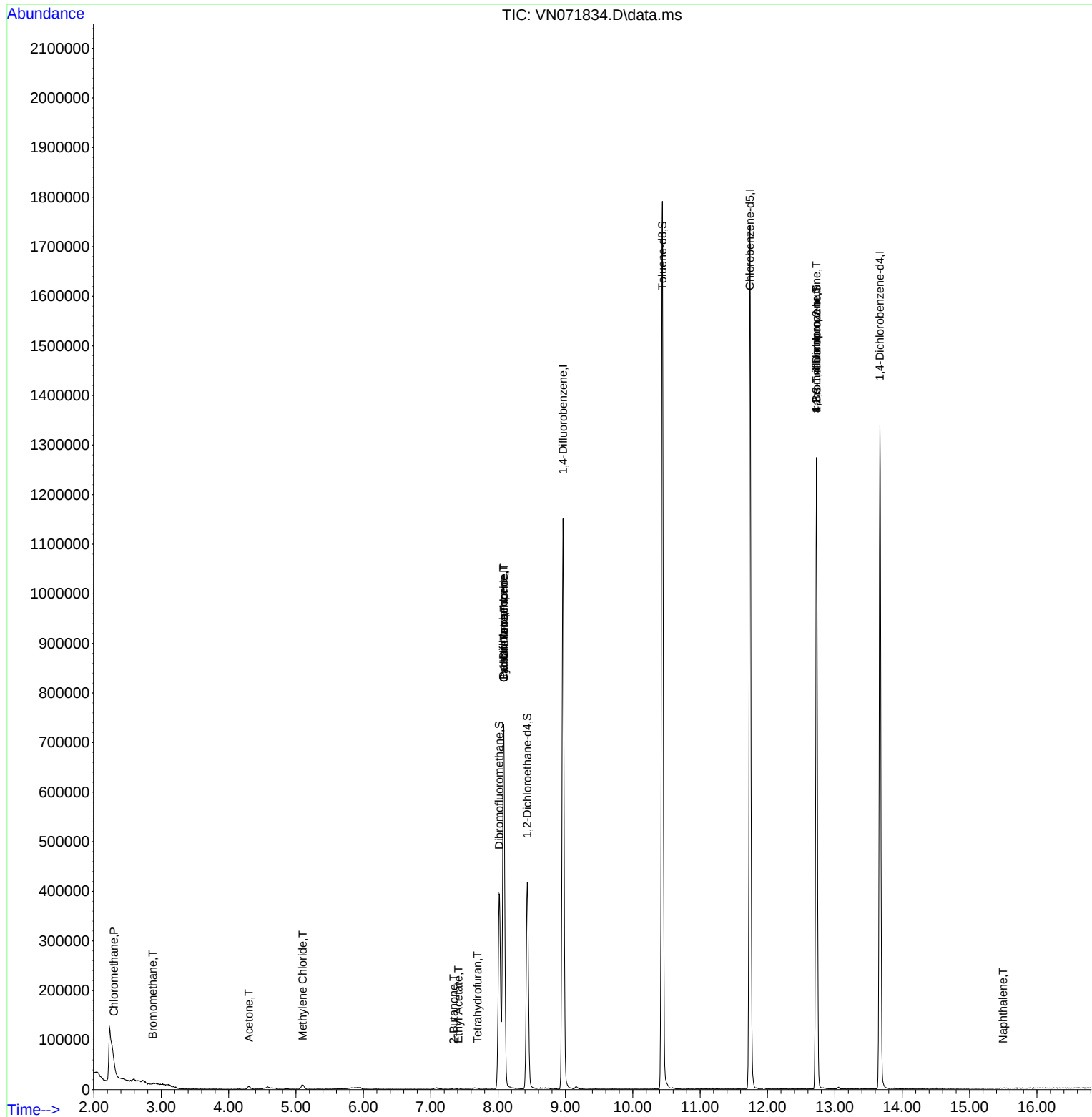
Internal Standards						
1) Pentafluorobenzene	8.081	168	623131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1058848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1071601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	396626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	346437	48.700	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.400%
35) Dibromofluoromethane	8.016	113	301762	48.431	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.860%
50) Toluene-d8	10.439	98	1322161	51.873	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.727	95	451087	54.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	3441	0.548	ug/l #	63
5) Bromomethane	2.875	94	1570	0.350	ug/l	84
16) Acetone	4.299	43	8489	2.792	ug/l	99
18) Methyl Acetate	4.863	43	1962	Below Cal	#	61
20) Methylene Chloride	5.098	84	7592	1.185	ug/l	91
25) 2-Butanone	7.340	43	3430	0.783	ug/l #	85
29) Tetrahydrofuran	7.692	42	937	0.330	ug/l	98
31) Cyclohexane	8.087	56	11248	1.163	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	42746	4.913	ug/l #	48
37) Ethyl Acetate	7.410	43	3773	0.396	ug/l #	78
38) Carbon Tetrachloride	8.087	117	56762	6.656	ug/l #	15
76) 1,2,3-Trichloropropane	12.727	75	215890	23.497	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	215890	72.815	ug/l #	10
95) Naphthalene	15.498	128	766	3.842	ug/l #	69

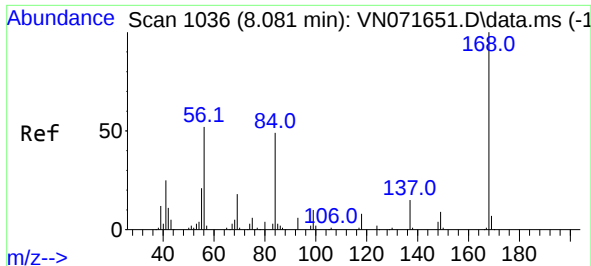
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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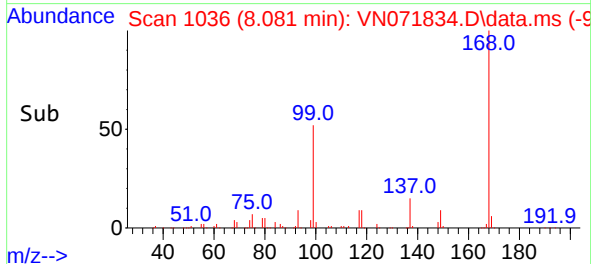
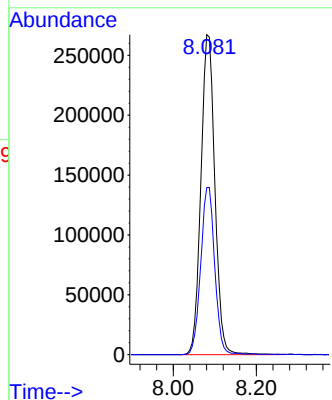
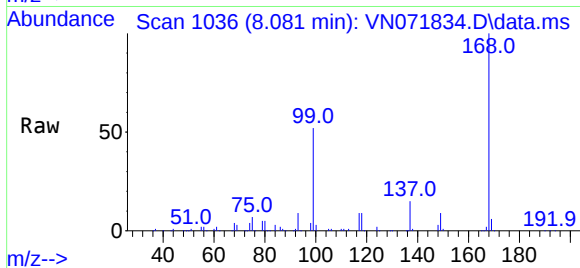




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

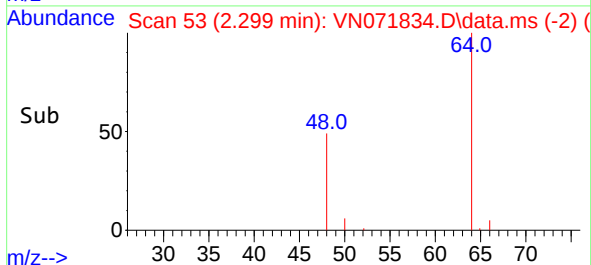
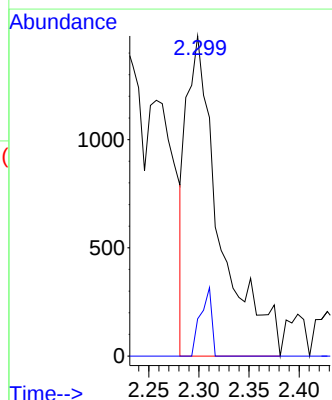
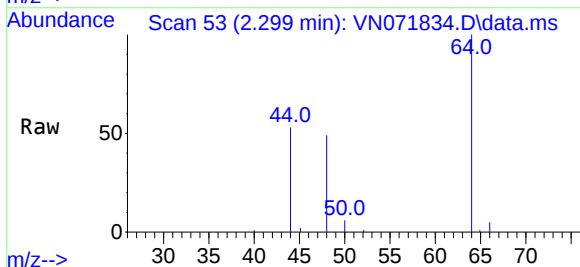
Instrument :
MSVOA_N
ClientSampleId :
AQUEOUS-DRUM

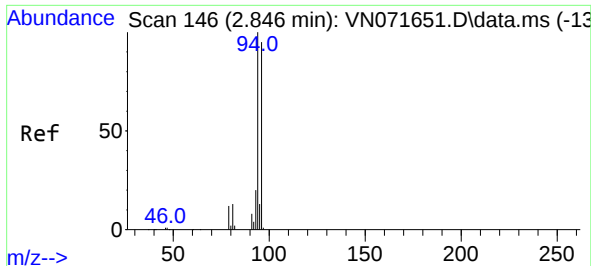
Tgt Ion:168 Resp: 623131
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5



#3
Chloromethane
Concen: 0.548 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

Tgt Ion: 50 Resp: 3441
Ion Ratio Lower Upper
50 100
52 11.6 25.7 38.5#

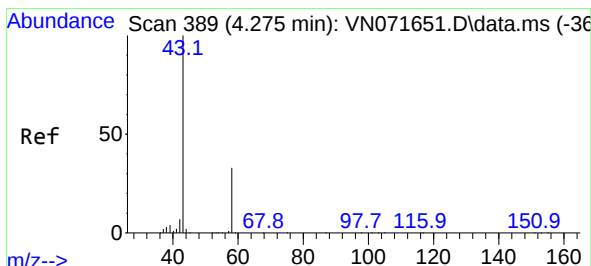
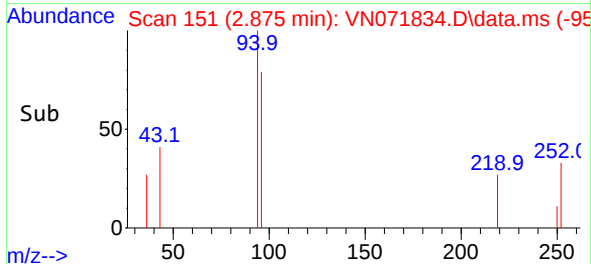
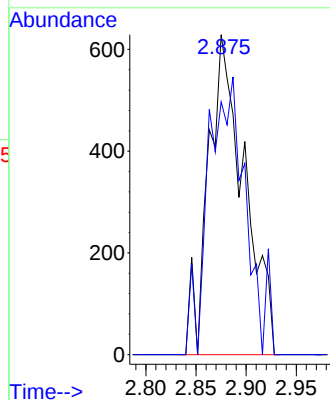
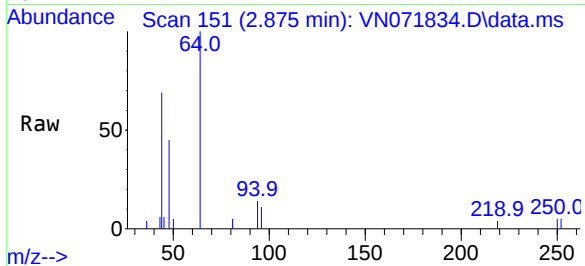




#5
Bromomethane
Concen: 0.350 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

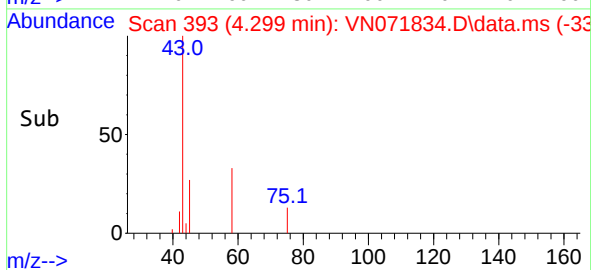
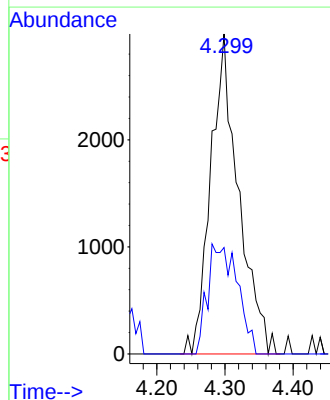
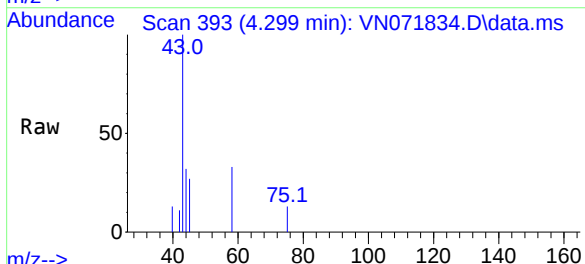
Instrument :
MSVOA_N
ClientSampleId :
AQUEOUS-DRUM

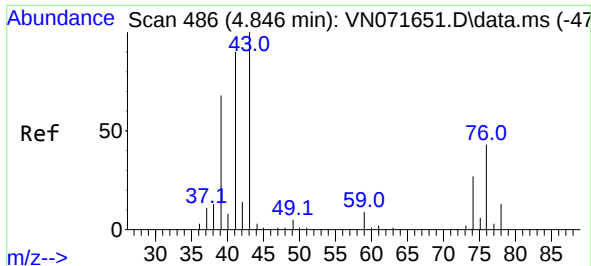
Tgt Ion: 94 Resp: 1570
Ion Ratio Lower Upper
94 100
96 79.0 76.0 114.0



#16
Acetone
Concen: 2.792 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

Tgt Ion: 43 Resp: 8489
Ion Ratio Lower Upper
43 100
58 33.2 26.0 39.0

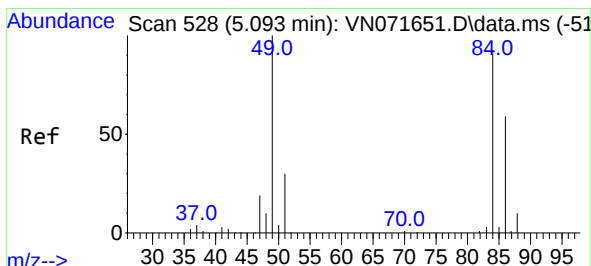
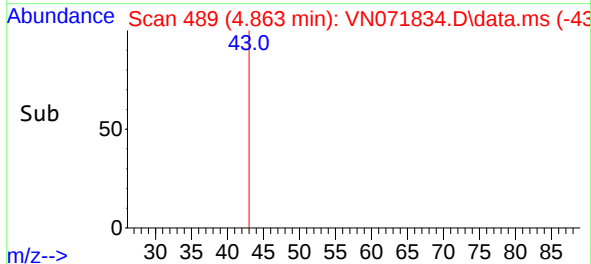
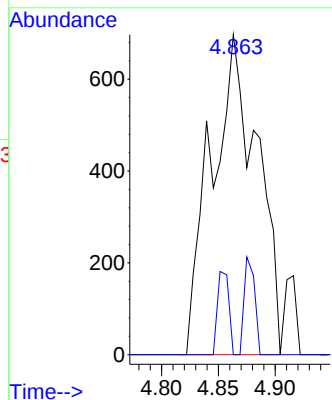
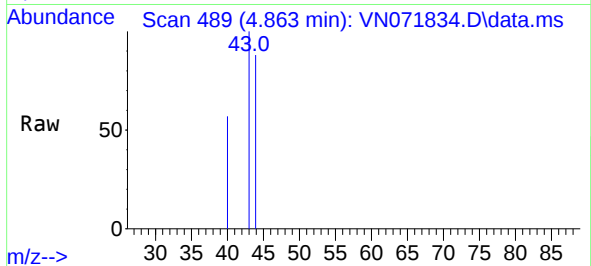




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

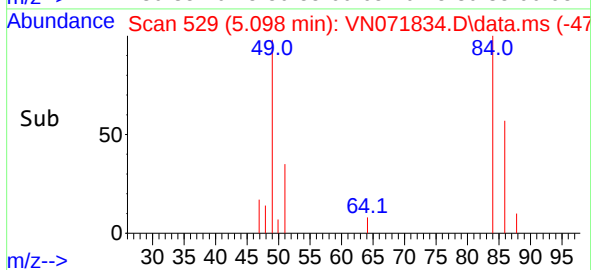
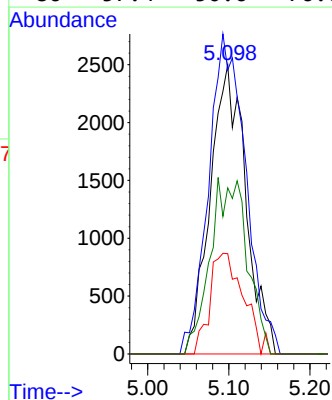
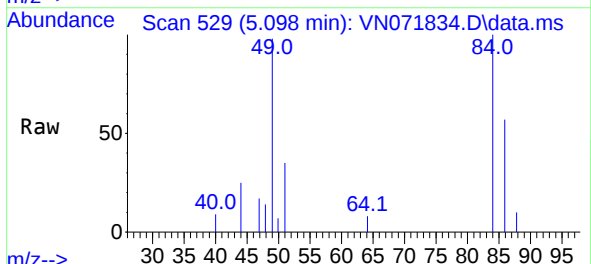
Instrument :
MSVOA_N
ClientSampleId :
AQUEOUS-DRUM

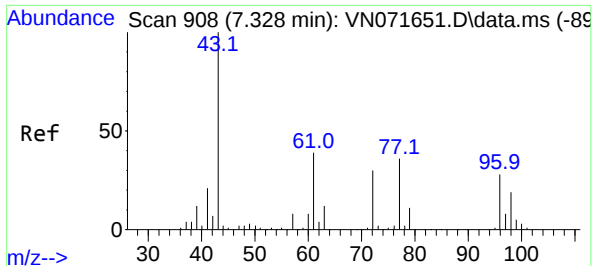
Tgt Ion: 43 Resp: 1962
Ion Ratio Lower Upper
43 100
74 6.9 21.6 32.4#



#20
Methylene Chloride
Concen: 1.185 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

Tgt Ion: 84 Resp: 7592
Ion Ratio Lower Upper
84 100
49 98.2 88.3 132.5
51 34.7 28.2 42.2
86 57.4 50.6 76.0





#25

2-Butanone

Concen: 0.783 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN071834.D

Acq: 04 Apr 2022 16:17

Instrument :

MSVOA_N

ClientSampleId :

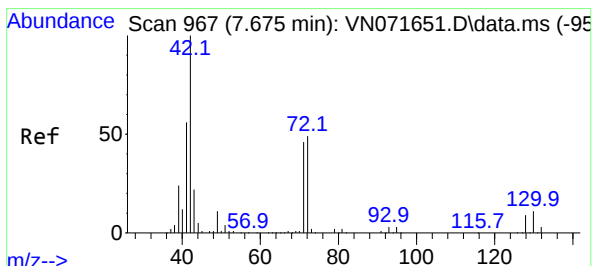
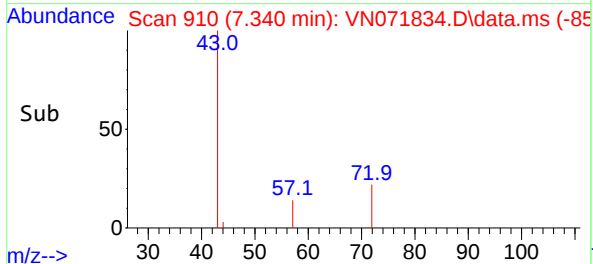
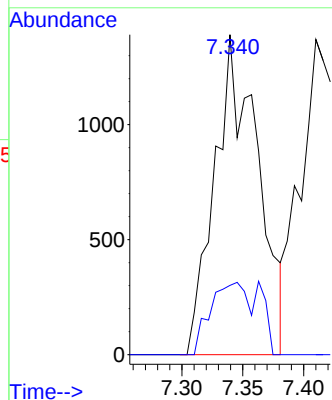
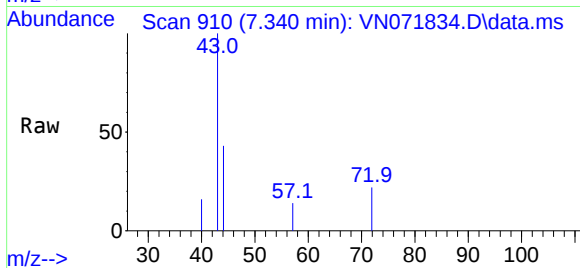
AQUEOUS-DRUM

Tgt Ion: 43 Resp: 3430

Ion Ratio Lower Upper

43 100

72 21.6 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.330 ug/l

RT: 7.692 min Scan# 970

Delta R.T. 0.017 min

Lab File: VN071834.D

Acq: 04 Apr 2022 16:17

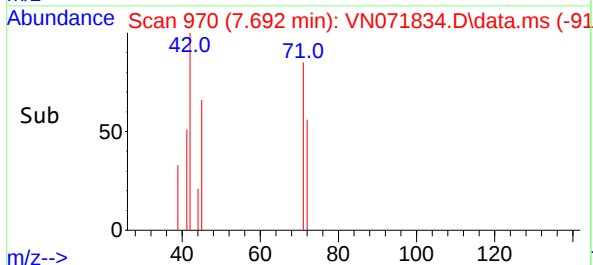
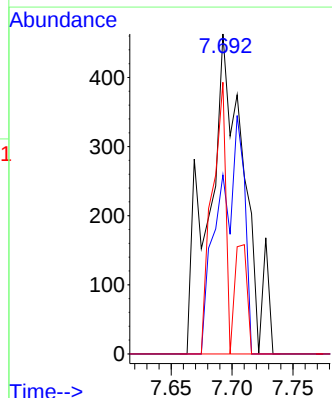
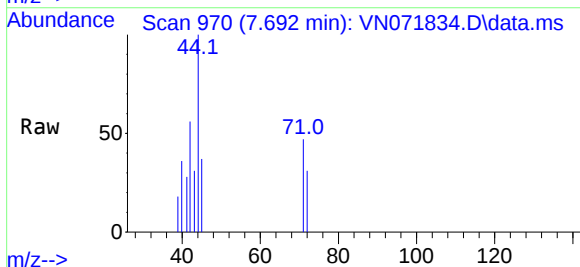
Tgt Ion: 42 Resp: 937

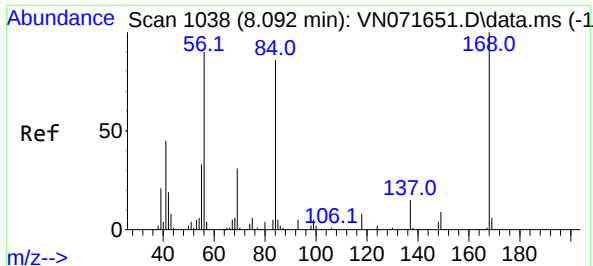
Ion Ratio Lower Upper

42 100

72 51.4 39.7 59.5

71 44.3 36.6 55.0





#31

Cyclohexane

Concen: 1.163 ug/l

RT: 8.087 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN071834.D

Acq: 04 Apr 2022 16:17

Instrument :

MSVOA_N

ClientSampleId :

AQUEOUS-DRUM

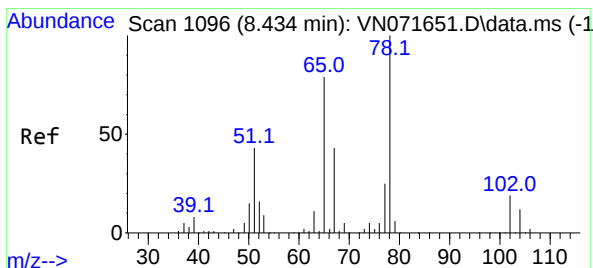
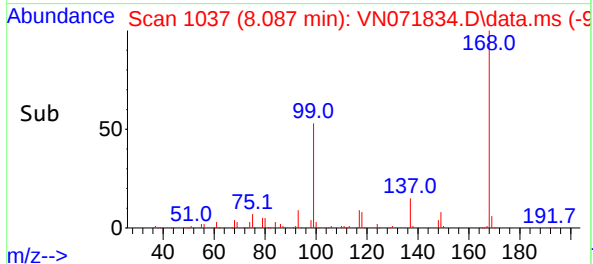
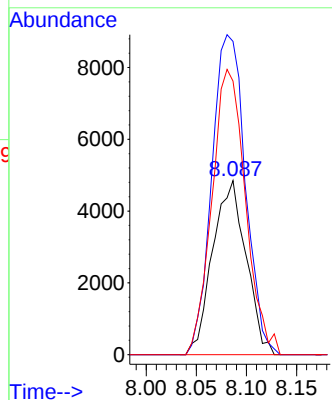
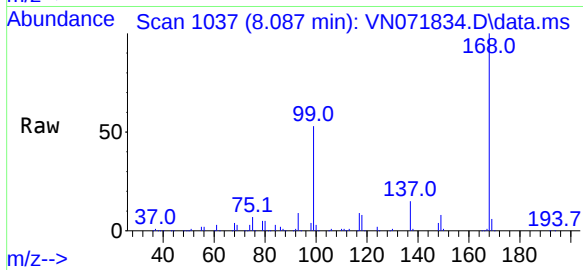
Tgt Ion: 56 Resp: 11248

Ion Ratio Lower Upper

56 100

69 180.0 27.8 41.8#

84 157.2 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 48.700 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071834.D

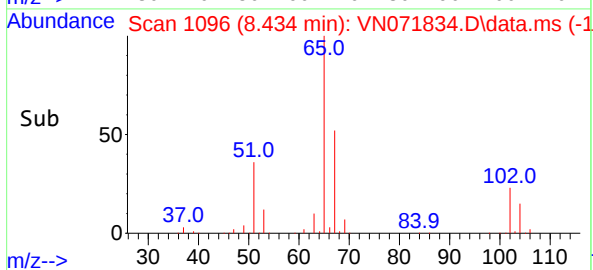
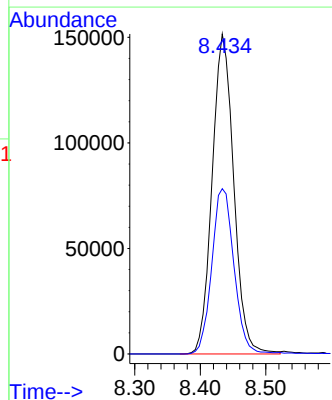
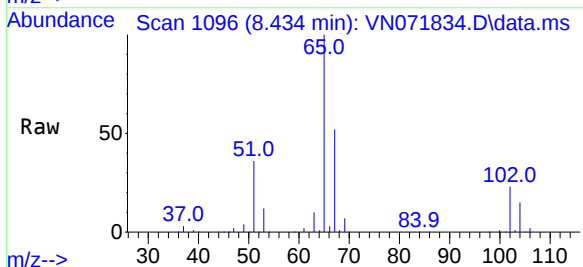
Acq: 04 Apr 2022 16:17

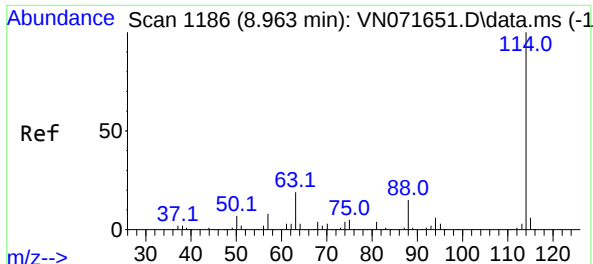
Tgt Ion: 65 Resp: 346437

Ion Ratio Lower Upper

65 100

67 53.3 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: VN071834.D

Acq: 04 Apr 2022 16:17

Instrument :

MSVOA_N

ClientSampleId :

AQUEOUS-DRUM

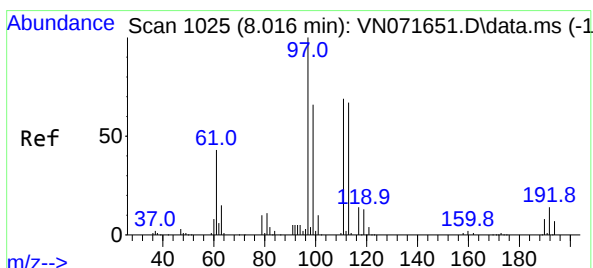
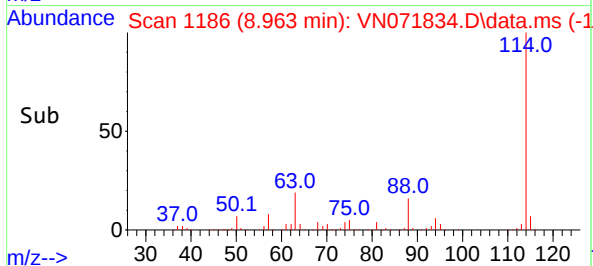
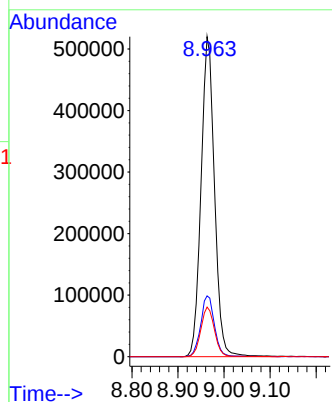
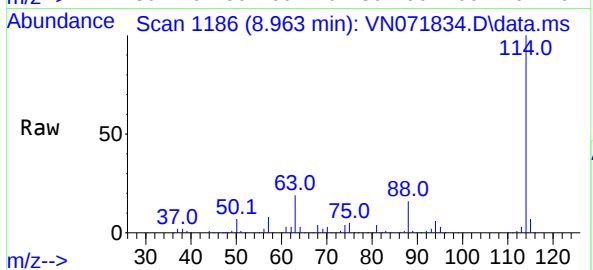
Tgt Ion:114 Resp: 1058848

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.431 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071834.D

Acq: 04 Apr 2022 16:17

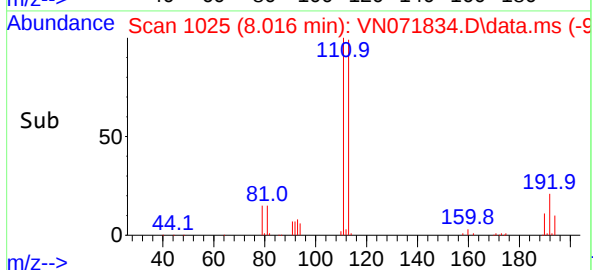
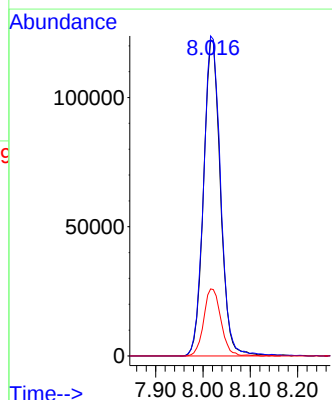
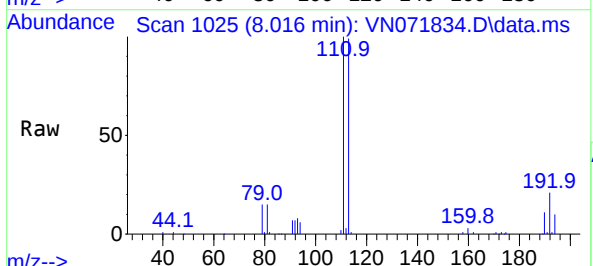
Tgt Ion:113 Resp: 301762

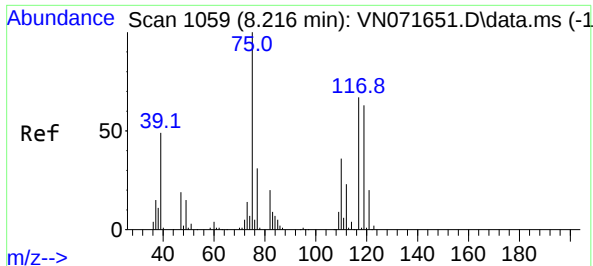
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 21.6 17.0 25.6

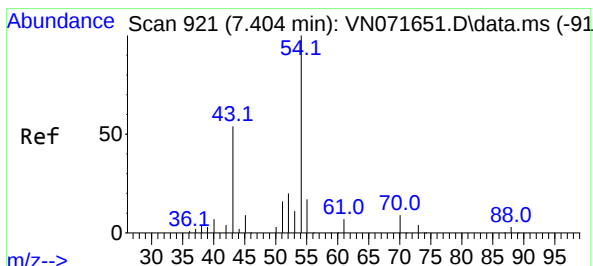
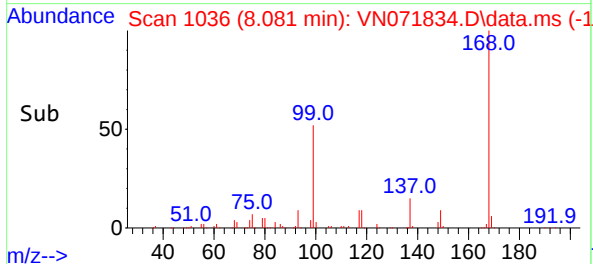
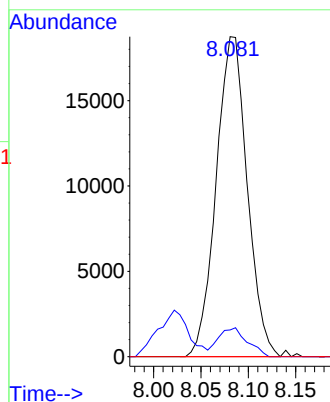
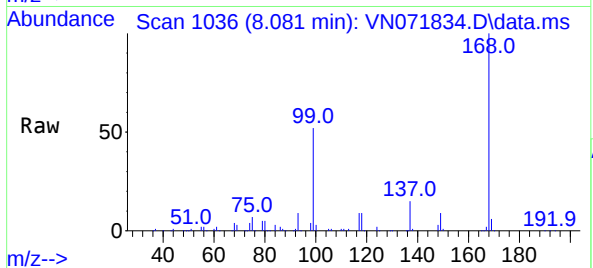




#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 8.081 min Scan# 1059
Delta R.T. -0.135 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

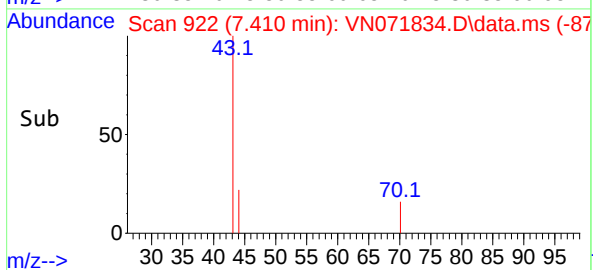
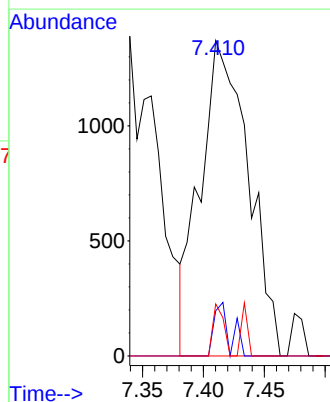
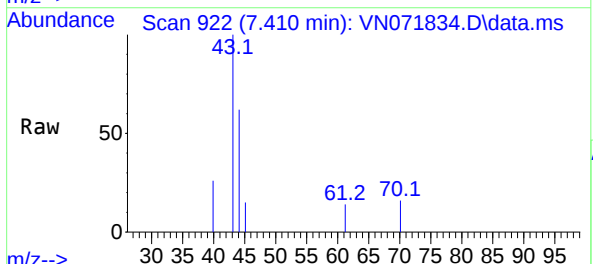
Instrument :
MSVOA_N
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AQUEOUS-DRUM

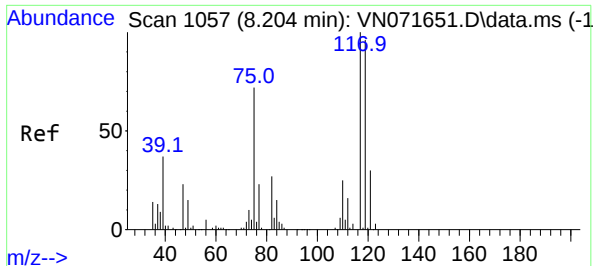
Tgt Ion: 75 Resp: 42746
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.396 ug/l
RT: 7.410 min Scan# 922
Delta R.T. 0.006 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

Tgt Ion: 43 Resp: 3773
Ion Ratio Lower Upper
43 100
61 5.5 11.8 17.6#
70 3.7 9.3 13.9#

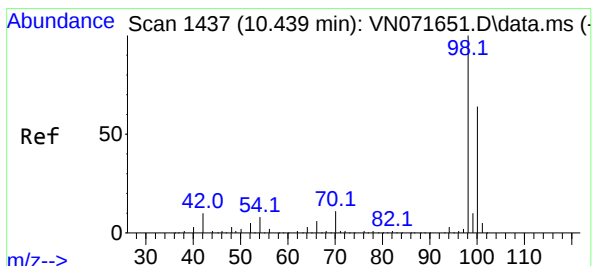
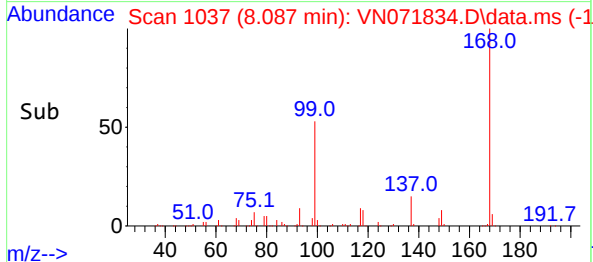
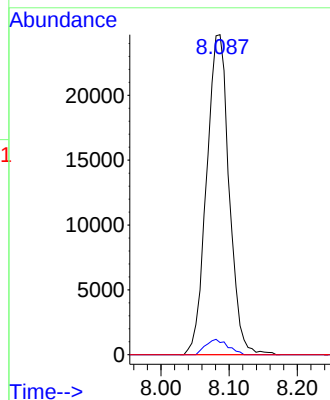
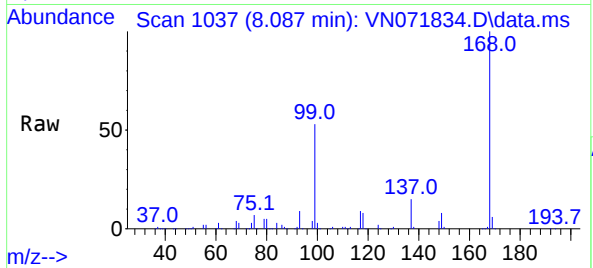




#38
Carbon Tetrachloride
Concen: 6.656 ug/l
RT: 8.087 min Scan# 1057
Delta R.T. -0.117 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

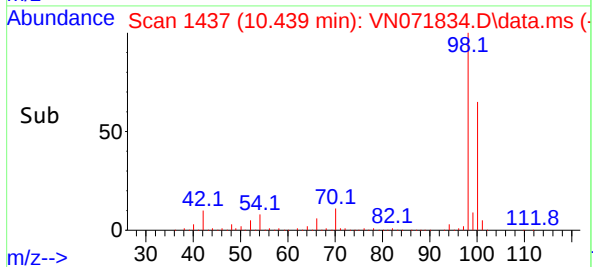
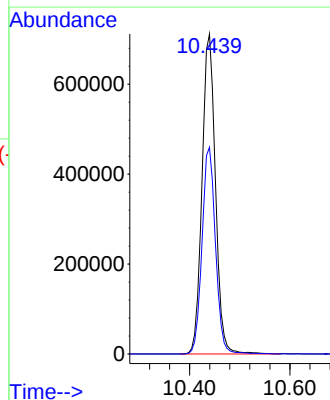
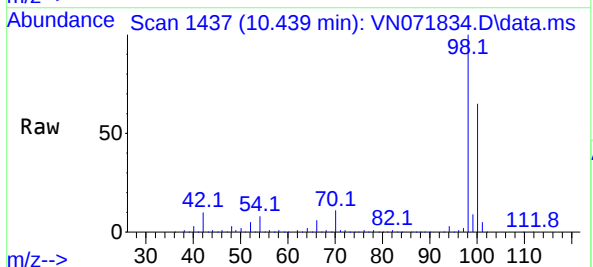
Instrument :
MSVOA_N
ClientSampleId :
AQUEOUS-DRUM

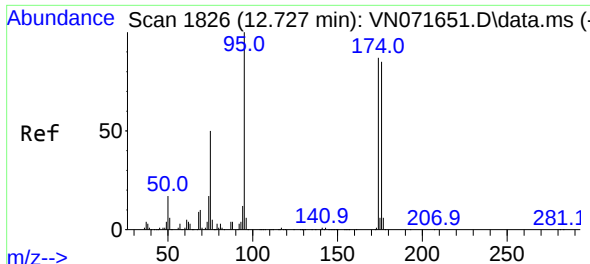
Tgt Ion:117 Resp: 56762
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 51.873 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

Tgt Ion: 98 Resp: 1322161
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

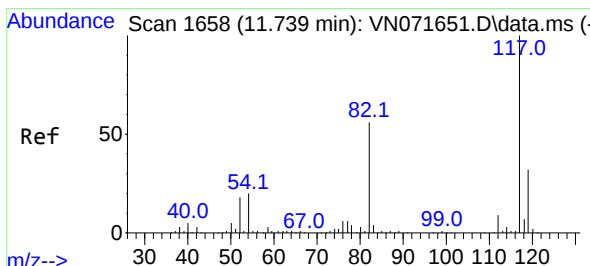
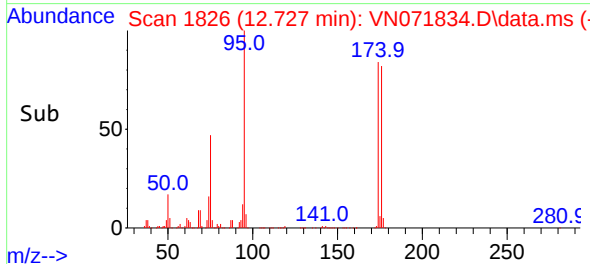
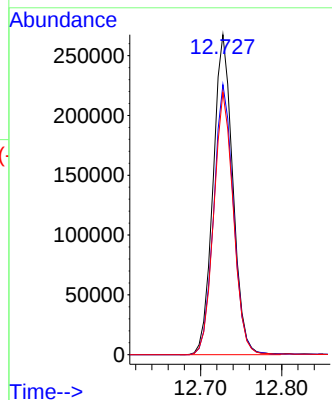
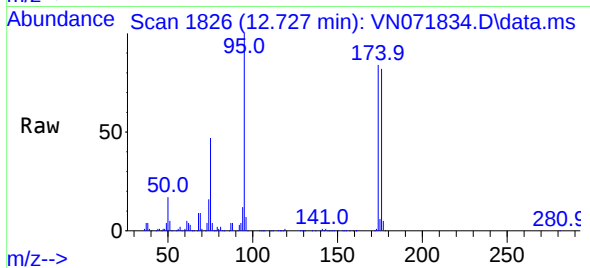




#62
4-Bromofluorobenzene
Concen: 54.721 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

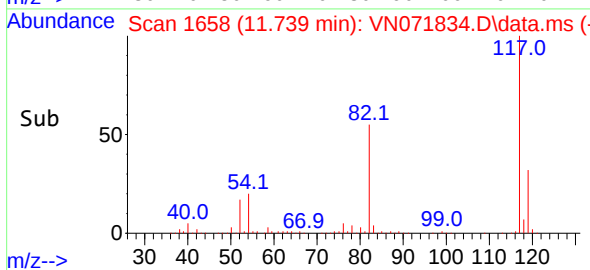
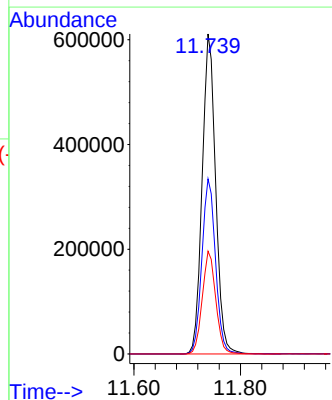
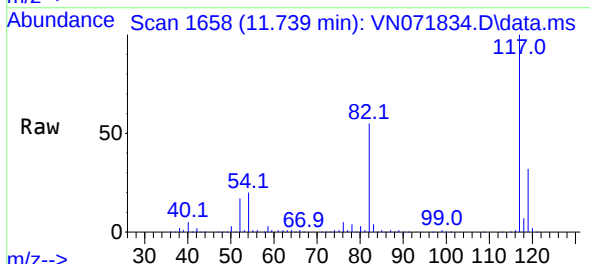
Instrument :
MSVOA_N
ClientSampleId :
AQUEOUS-DRUM

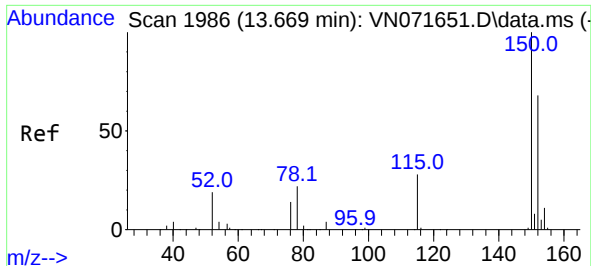
Tgt Ion: 95 Resp: 451087
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 81.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

Tgt Ion: 117 Resp: 1071601
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.1 25.4 38.0

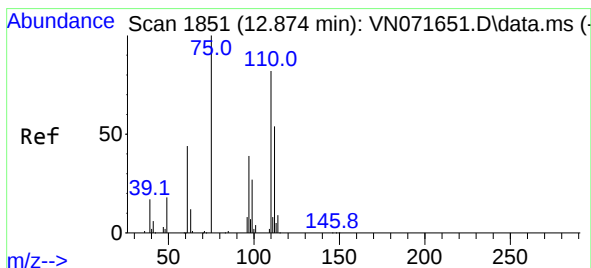
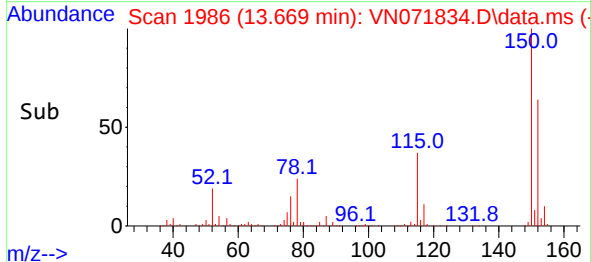
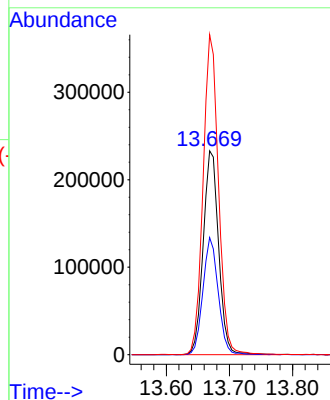
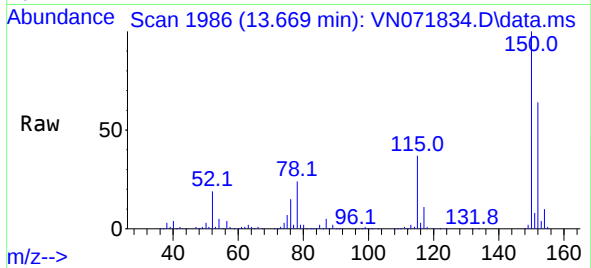




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

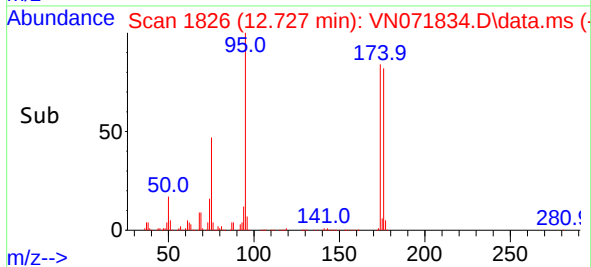
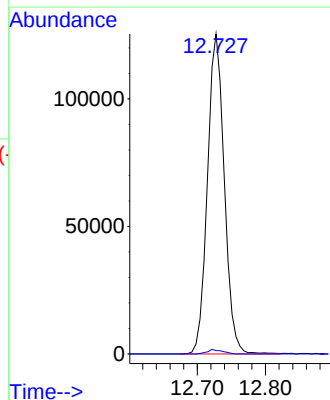
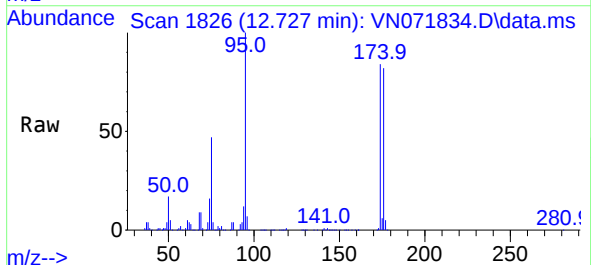
Instrument :
MSVOA_N
ClientSampleId :
AQUEOUS-DRUM

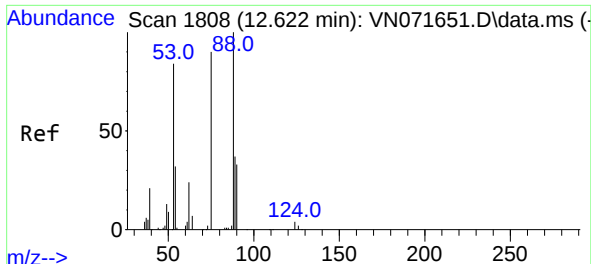
Tgt Ion:152 Resp: 396626
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.7
150 156.4 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 23.497 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

Tgt Ion: 75 Resp: 215890
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

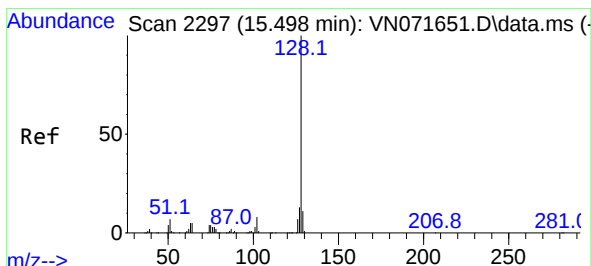
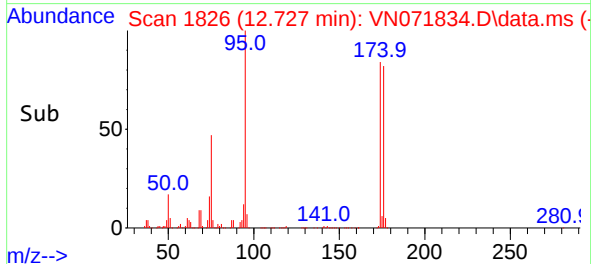
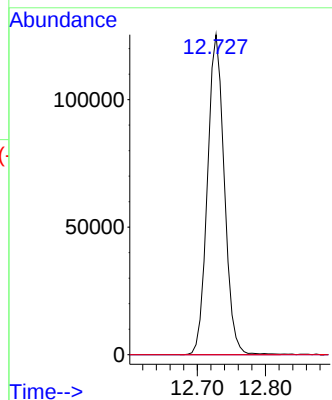
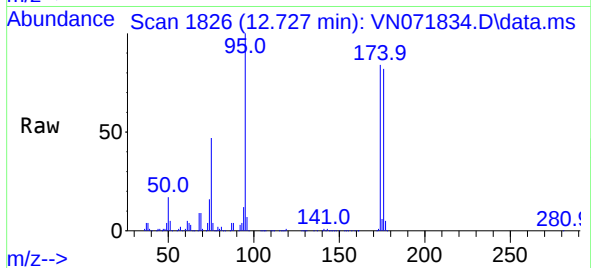




#81
trans-1,4-Dichloro-2-butene
Concen: 72.815 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

Instrument :
MSVOA_N
ClientSampleId :
AQUEOUS-DRUM

Tgt Ion: 75 Resp: 215890
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.842 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071834.D
Acq: 04 Apr 2022 16:17

Tgt Ion: 128 Resp: 766
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

