

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072402.D
 Acq On : 10 May 2022 19:27
 Operator : JC\MD
 Sample : N2770-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-15842

Quant Time: May 11 03:04:09 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)

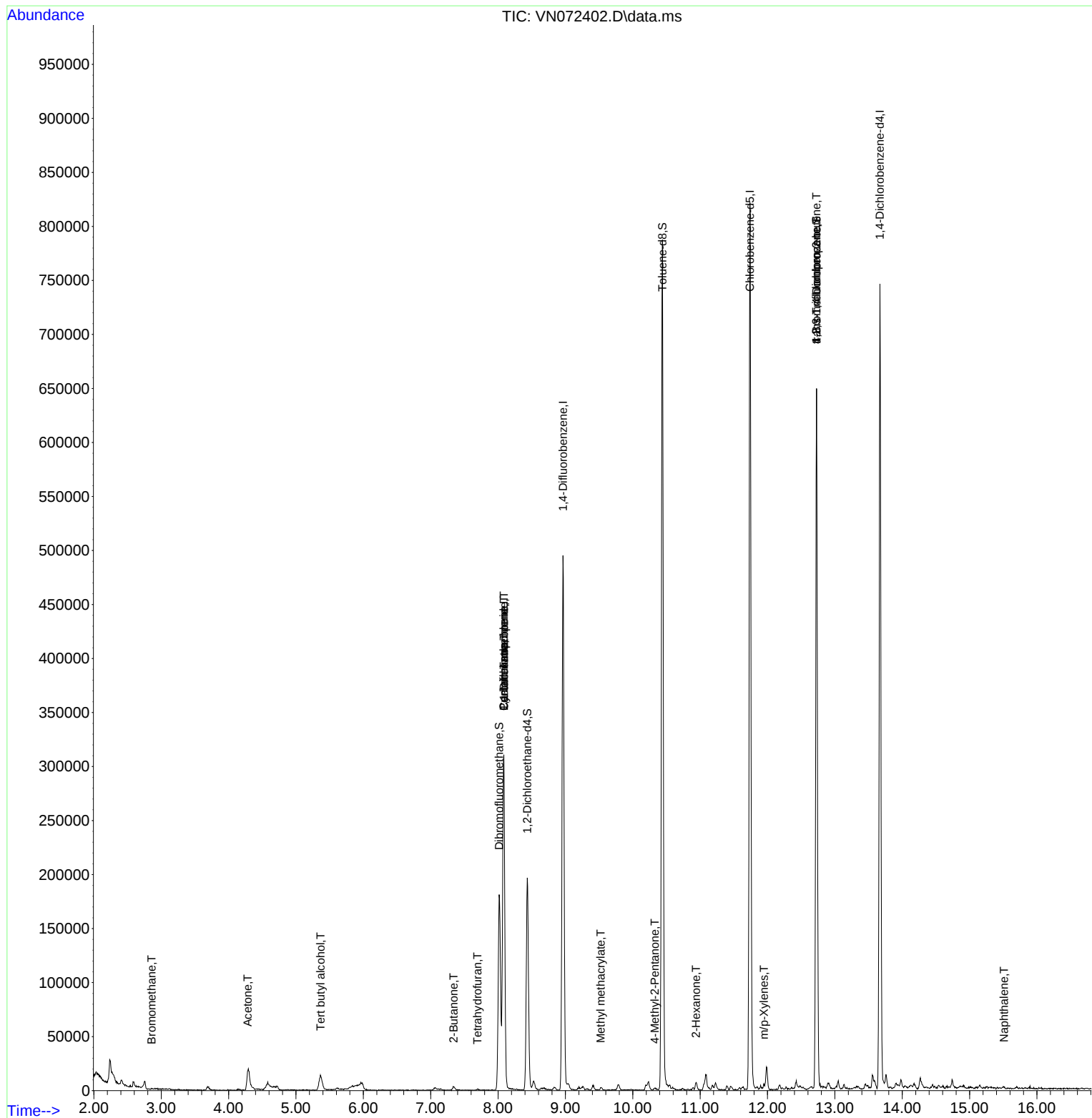
Internal Standards						
1) Pentafluorobenzene	8.086	168	232055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	423846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	476780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	197480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	169968	47.820	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	95.640%	
35) Dibromofluoromethane	8.016	113	134144	47.572	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	95.140%	
50) Toluene-d8	10.439	98	542471	50.512	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	101.020%	
62) 4-Bromofluorobenzene	12.727	95	221603	62.133	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	124.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	847	Below Cal	#	43
5) Bromomethane	2.857	94	334	0.228	ug/l #	67
6) Chloroethane	3.016	64	266	Below Cal	#	42
11) Tert butyl alcohol	5.363	59	23447	40.344	ug/l	95
16) Acetone	4.281	43	37549	26.675	ug/l #	84
25) 2-Butanone	7.339	43	5605	2.523	ug/l #	79
29) Tetrahydrofuran	7.692	42	411	0.285	ug/l #	82
31) Cyclohexane	8.086	56	5232	1.111	ug/l #	47
36) 1,1-Dichloropropene	8.086	75	19060	4.706	ug/l #	50
38) Carbon Tetrachloride	8.086	117	25598	5.647	ug/l #	16
48) Methyl methacrylate	9.522	41	887	0.255	ug/l #	39
51) 4-Methyl-2-Pentanone	10.328	43	1635	0.353	ug/l #	82
59) 2-Hexanone	10.939	43	5456	1.679	ug/l	63
68) m/p-Xylenes	11.945	106	1321	0.207	ug/l	97
76) 1,2,3-Trichloropropane	12.727	75	119589	23.218	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	119589	77.456	ug/l #	10
95) Naphthalene	15.510	128	2054	3.380	ug/l #	86

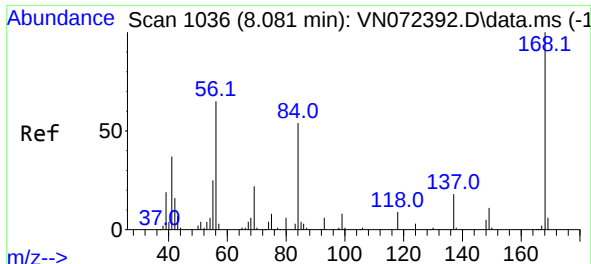
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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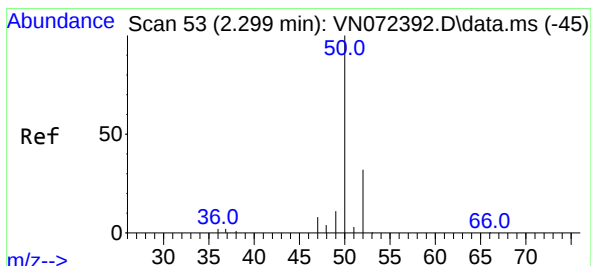
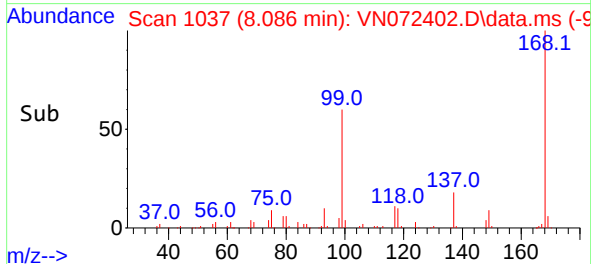
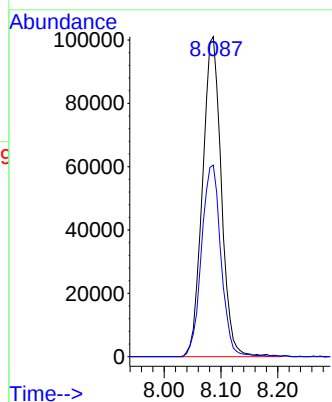
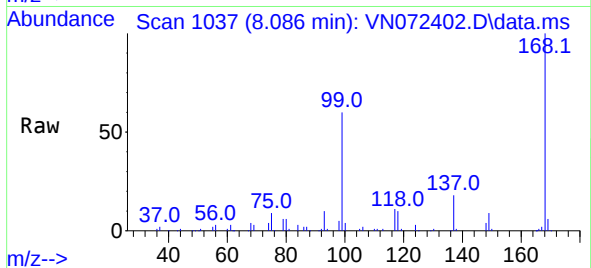




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

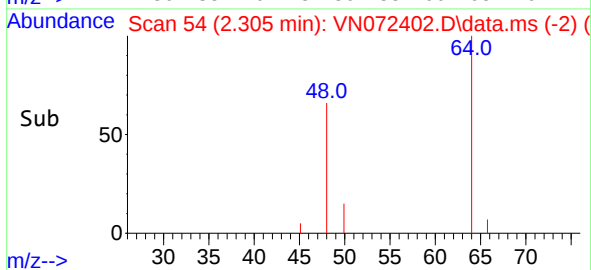
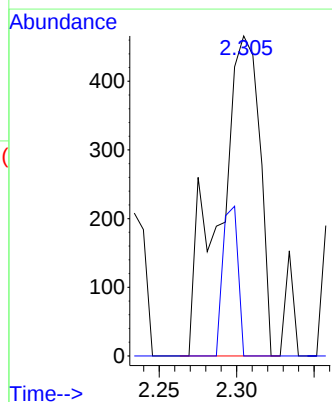
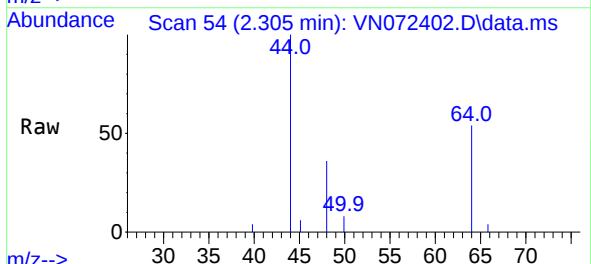
Instrument :
MSVOA_N
ClientSampleId :
M-15842

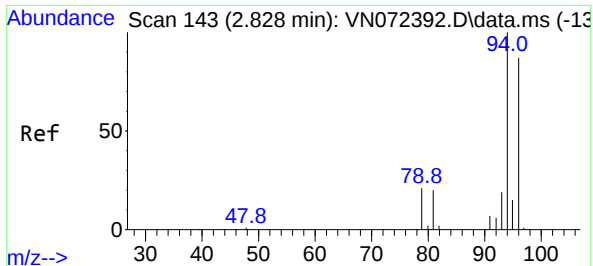
Tgt Ion:168 Resp: 232055
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

Tgt Ion: 50 Resp: 847
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

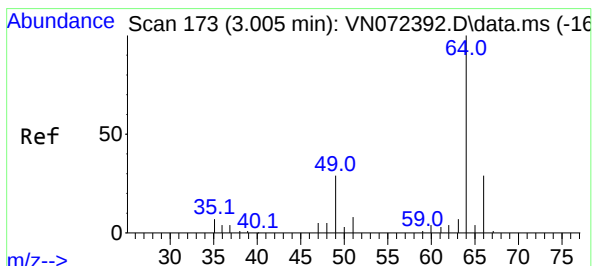
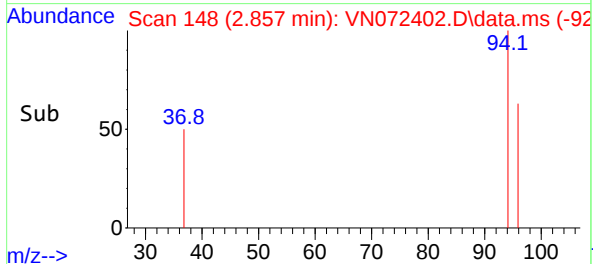
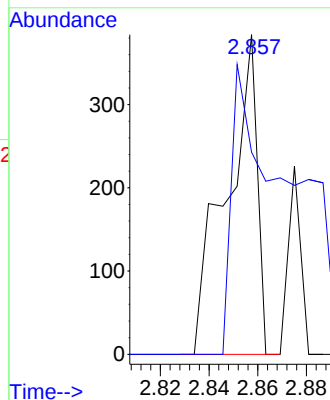
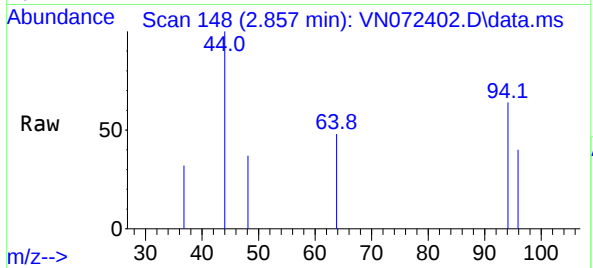




#5
Bromomethane
Concen: 0.228 ug/l
RT: 2.857 min Scan# 14
Delta R.T. 0.029 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

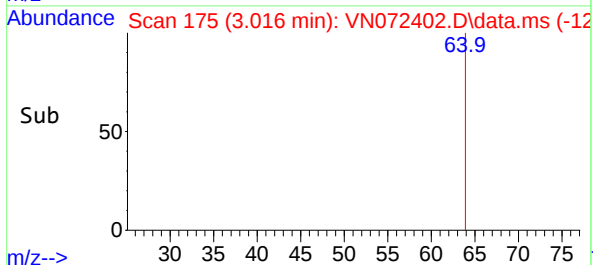
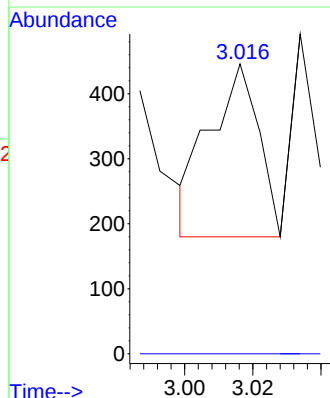
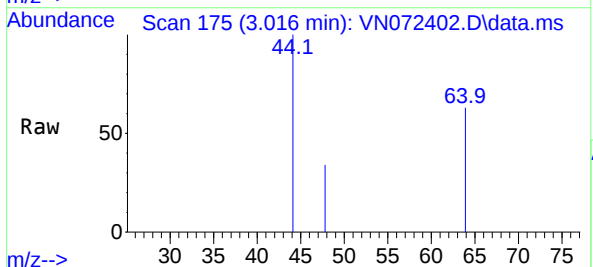
Instrument :
MSVOA_N
ClientSampleId :
M-15842

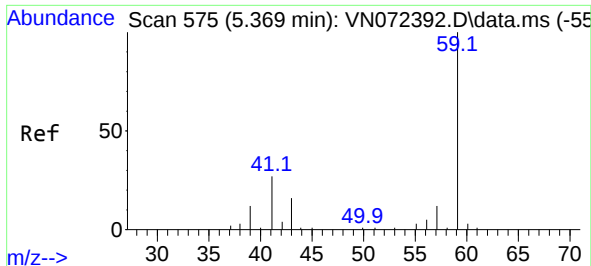
Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 63.3 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.016 min Scan# 175
Delta R.T. 0.011 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

Tgt Ion: 64 Resp: 266
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 40.344 ug/l

RT: 5.363 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN072402.D

Acq: 10 May 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

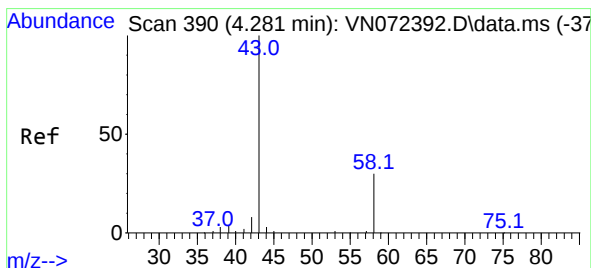
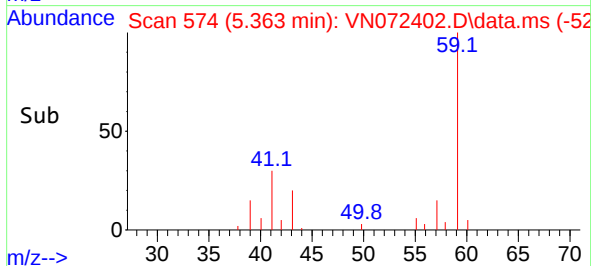
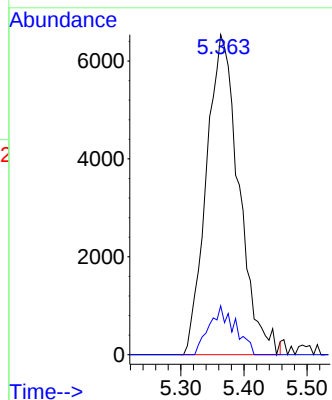
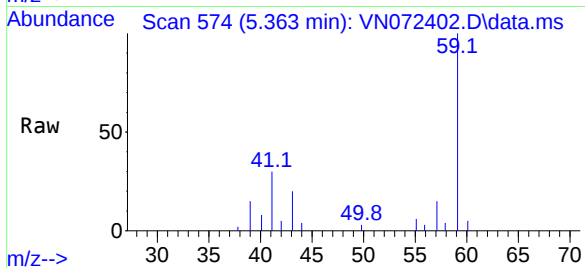
M-15842

Tgt Ion: 59 Resp: 23447

Ion Ratio Lower Upper

59 100

57 12.1 8.3 12.5



#16

Acetone

Concen: 26.675 ug/l

RT: 4.281 min Scan# 390

Delta R.T. -0.000 min

Lab File: VN072402.D

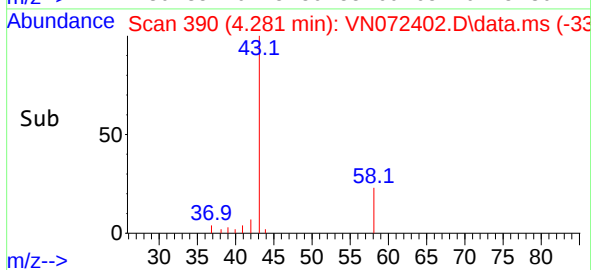
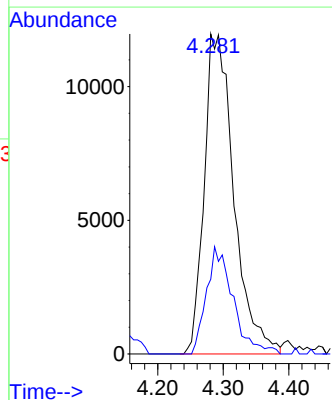
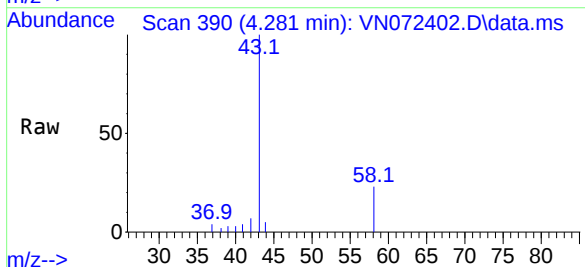
Acq: 10 May 2022 19:27

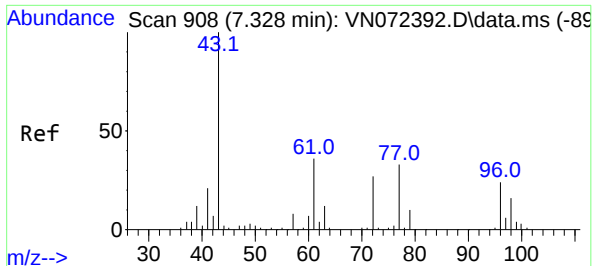
Tgt Ion: 43 Resp: 37549

Ion Ratio Lower Upper

43 100

58 23.3 26.0 39.0#





#25

2-Butanone

Concen: 2.523 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN072402.D

Acq: 10 May 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

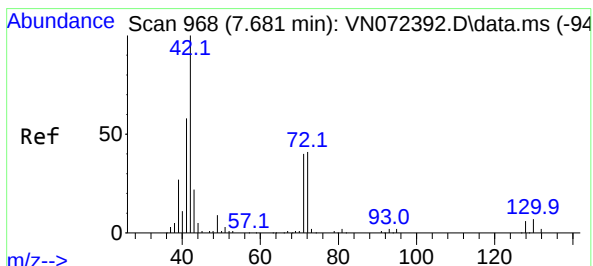
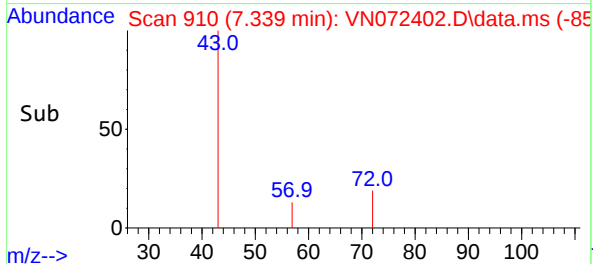
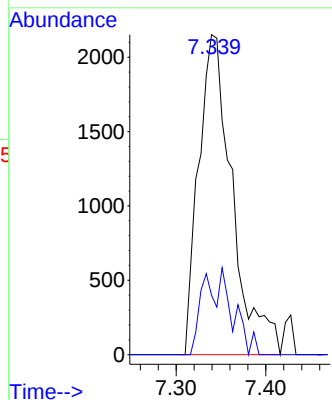
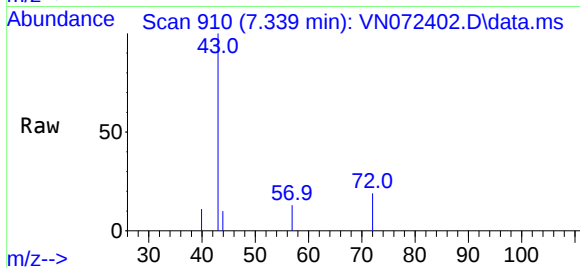
M-15842

Tgt Ion: 43 Resp: 5605

Ion Ratio Lower Upper

43 100

72 18.5 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.285 ug/l

RT: 7.692 min Scan# 970

Delta R.T. 0.011 min

Lab File: VN072402.D

Acq: 10 May 2022 19:27

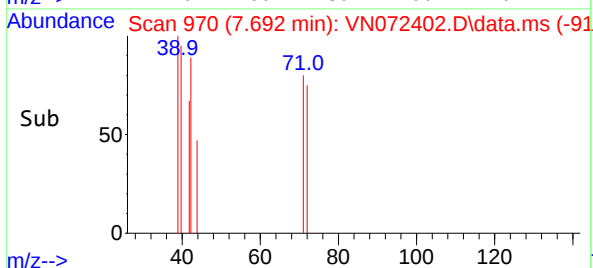
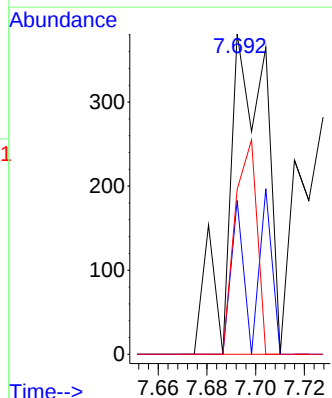
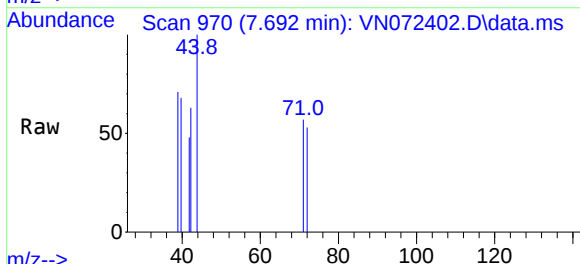
Tgt Ion: 42 Resp: 411

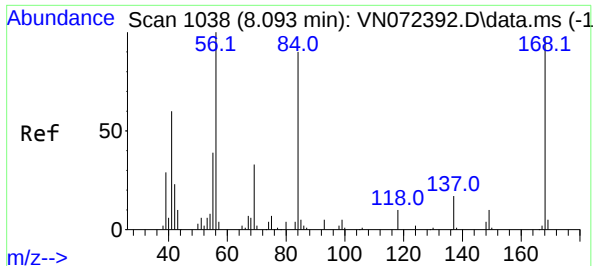
Ion Ratio Lower Upper

42 100

72 32.6 39.7 59.5#

71 38.7 36.6 55.0

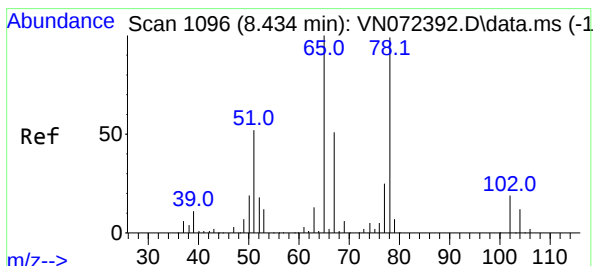
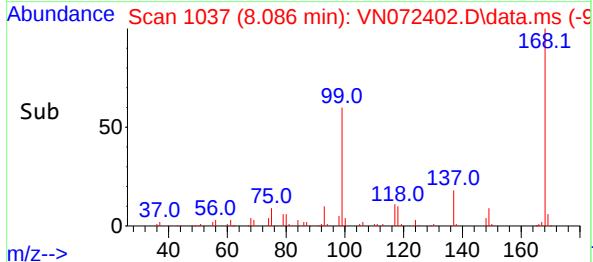
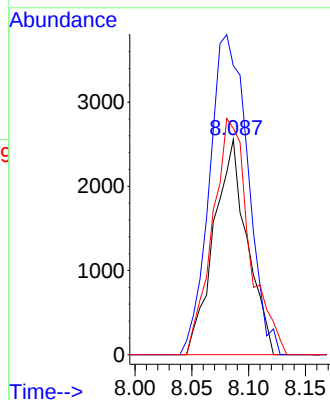
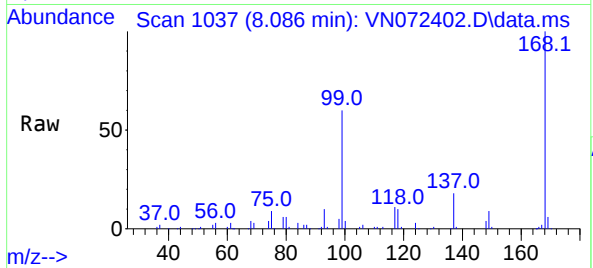




#31
Cyclohexane
Concen: 1.111 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

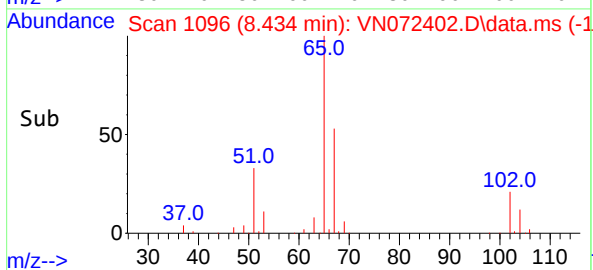
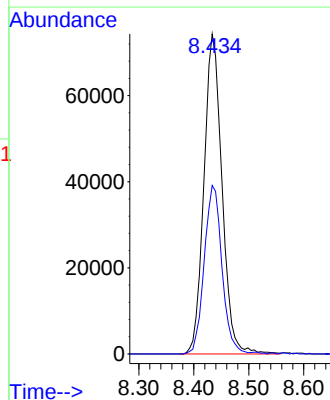
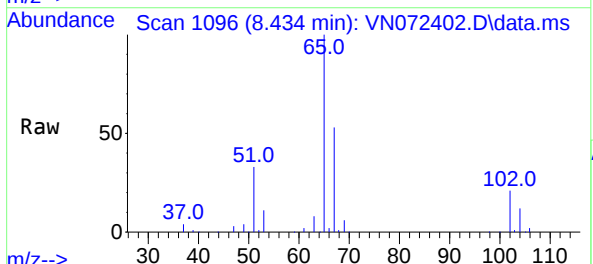
Instrument :
MSVOA_N
ClientSampleId :
M-15842

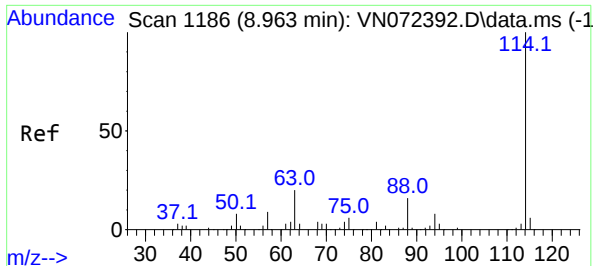
Tgt Ion: 56 Resp: 5232
Ion Ratio Lower Upper
56 100
69 134.3 27.8 41.8#
84 105.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 47.820 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

Tgt Ion: 65 Resp: 169968
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

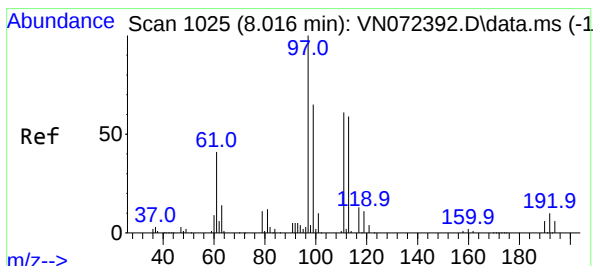
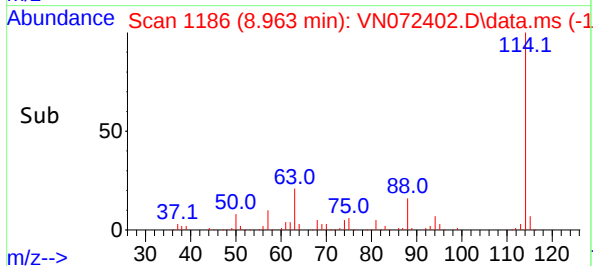
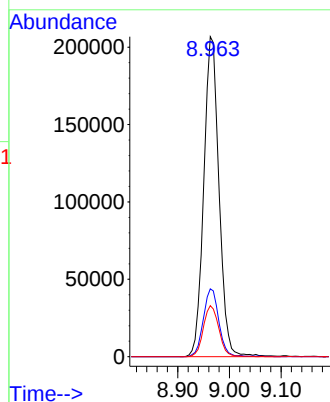
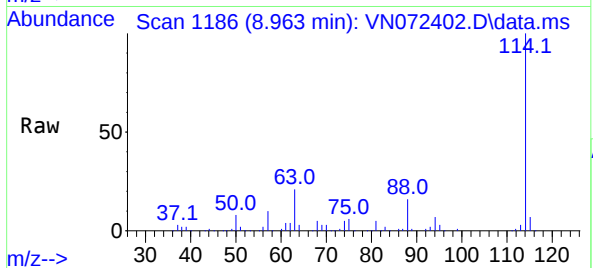




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

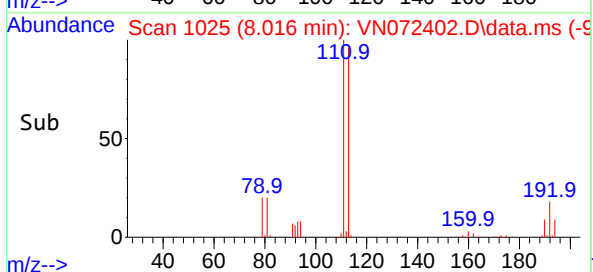
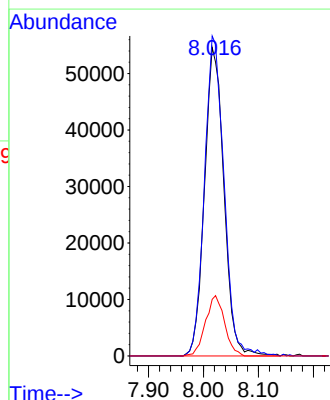
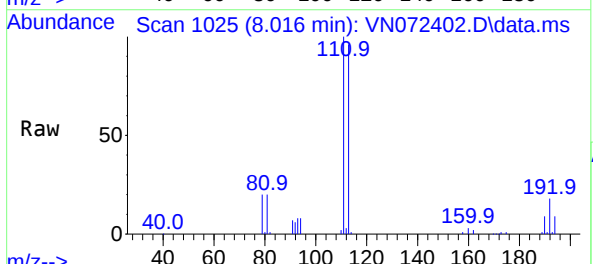
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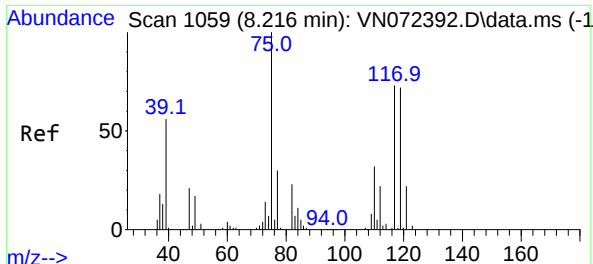
Tgt Ion:114 Resp: 423846
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.572 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

Tgt Ion:113 Resp: 134144
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 19.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.706 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN072402.D

Acq: 10 May 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

M-15842

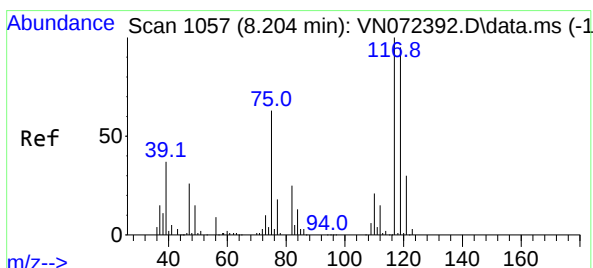
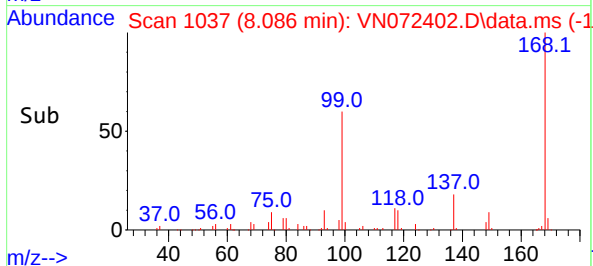
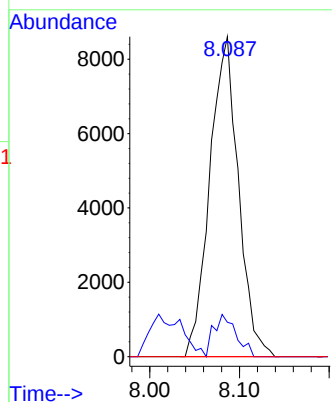
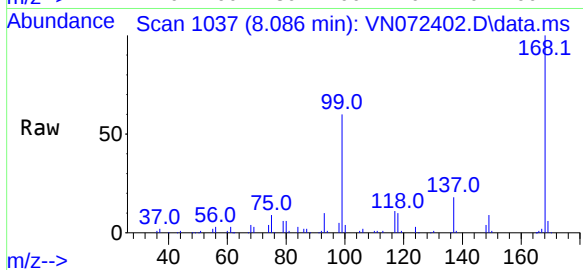
Tgt Ion: 75 Resp: 19060

Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.647 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.118 min

Lab File: VN072402.D

Acq: 10 May 2022 19:27

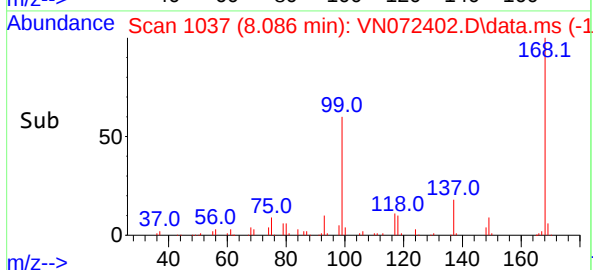
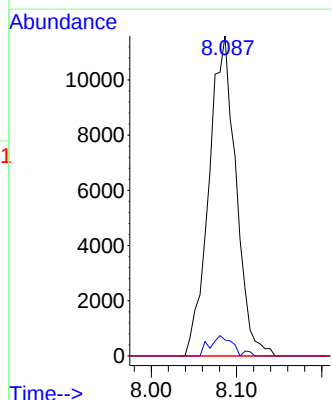
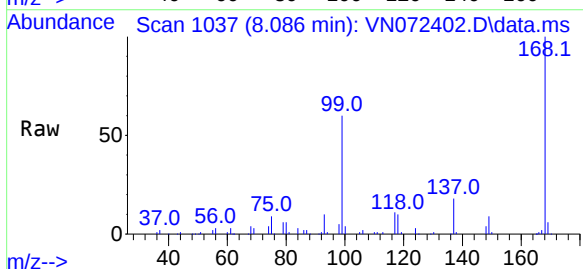
Tgt Ion: 117 Resp: 25598

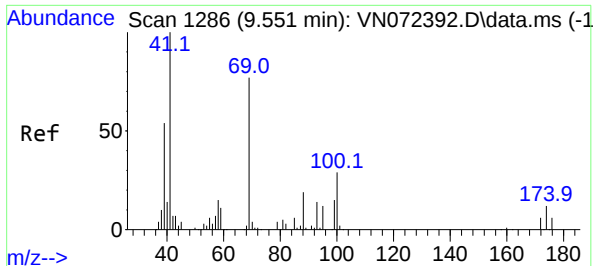
Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.8#

121 0.0 24.6 37.0#





#48

Methyl methacrylate

Concen: 0.255 ug/l

RT: 9.522 min Scan# 1281

Delta R.T. -0.029 min

Lab File: VN072402.D

Acq: 10 May 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

M-15842

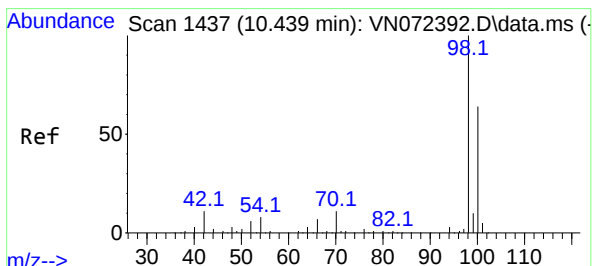
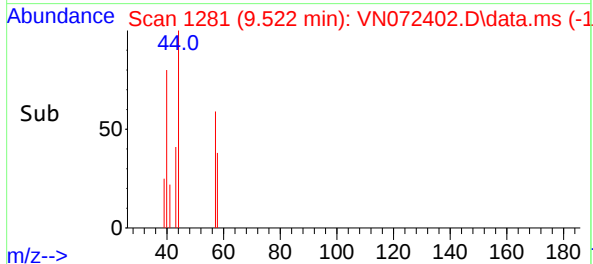
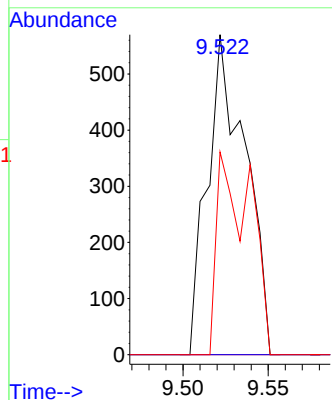
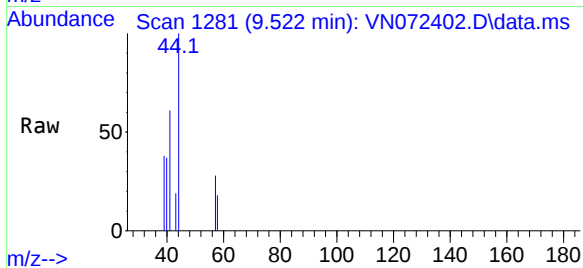
Tgt Ion: 41 Resp: 887

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 55.5 45.6 68.4



#50

Toluene-d8

Concen: 50.512 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072402.D

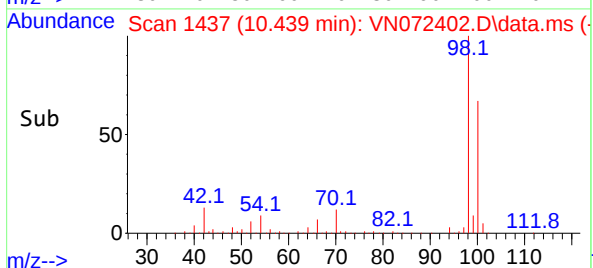
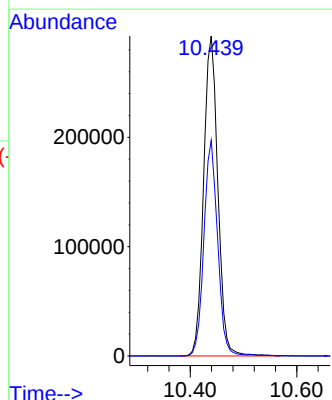
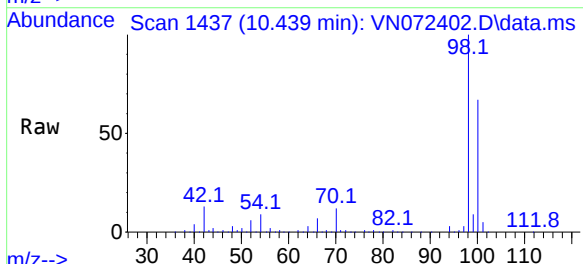
Acq: 10 May 2022 19:27

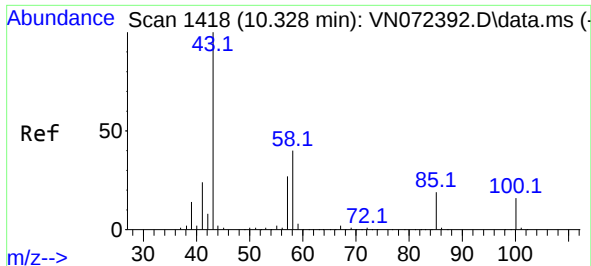
Tgt Ion: 98 Resp: 542471

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

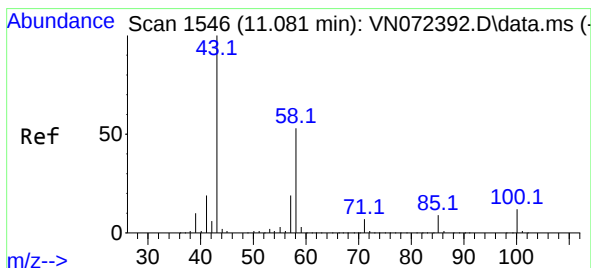
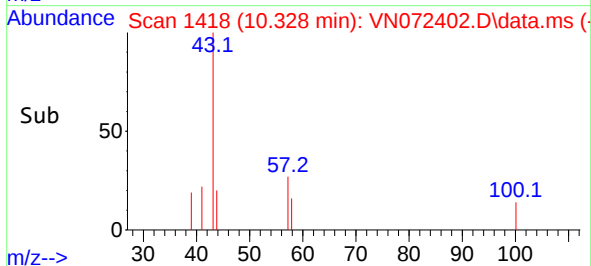
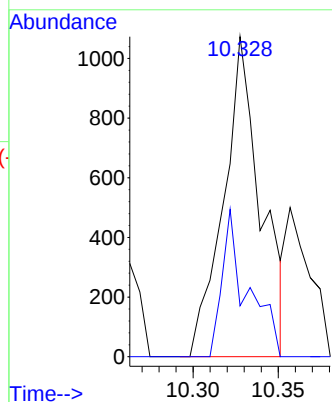
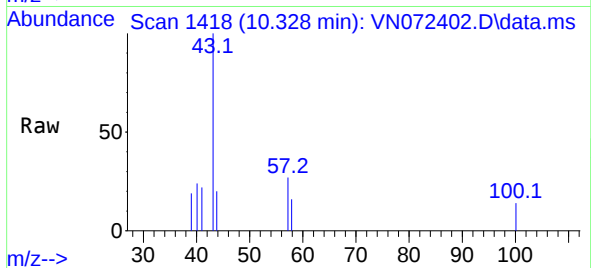




#51
4-Methyl-2-Pentanone
Concen: 0.353 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

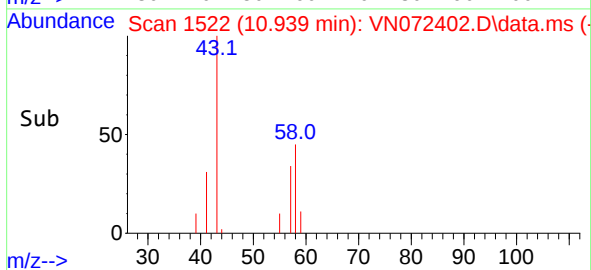
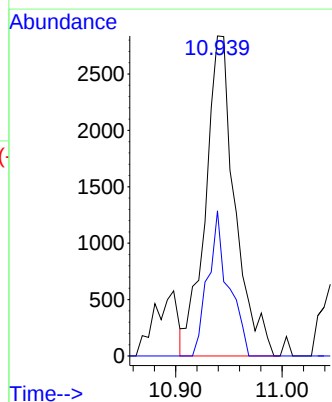
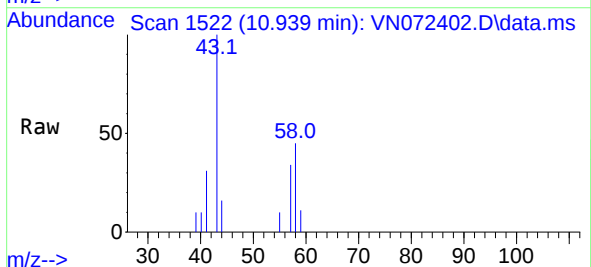
Instrument :
MSVOA_N
ClientSampleId :
M-15842

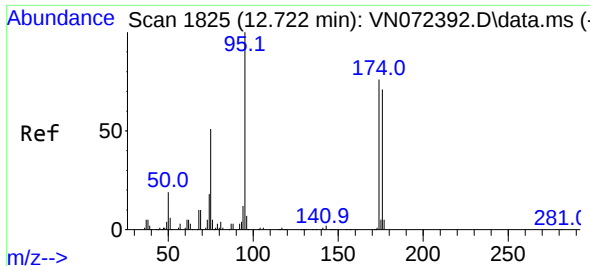
Tgt Ion: 43 Resp: 1635
Ion Ratio Lower Upper
43 100
58 31.2 34.1 51.1#



#59
2-Hexanone
Concen: 1.679 ug/l
RT: 10.939 min Scan# 1522
Delta R.T. -0.142 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

Tgt Ion: 43 Resp: 5456
Ion Ratio Lower Upper
43 100
58 31.6 29.7 89.1

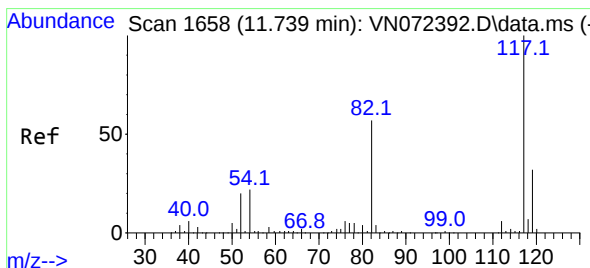
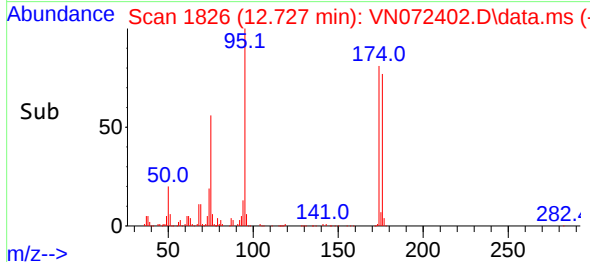
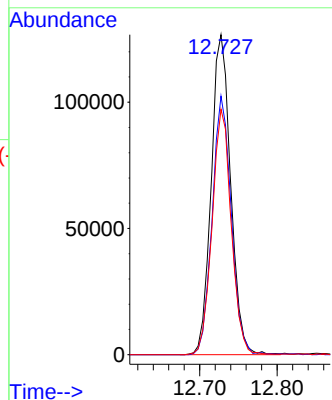
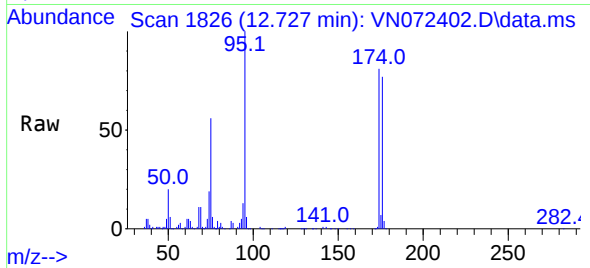




#62
4-Bromofluorobenzene
Concen: 62.133 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

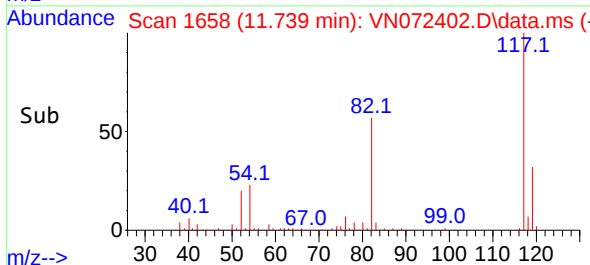
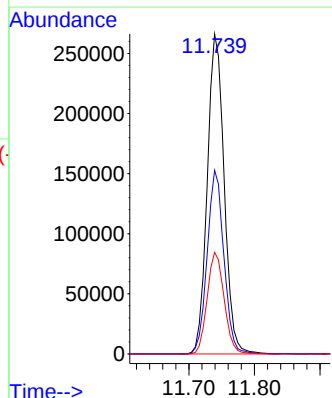
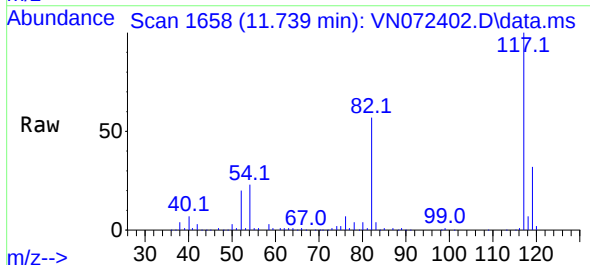
Instrument :
MSVOA_N
ClientSampleId :
M-15842

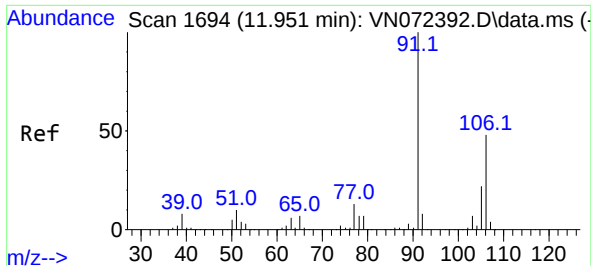
Tgt Ion: 95 Resp: 221603
Ion Ratio Lower Upper
95 100
174 79.4 0.0 167.6
176 75.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

Tgt Ion: 117 Resp: 476780
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 31.7 25.4 38.0

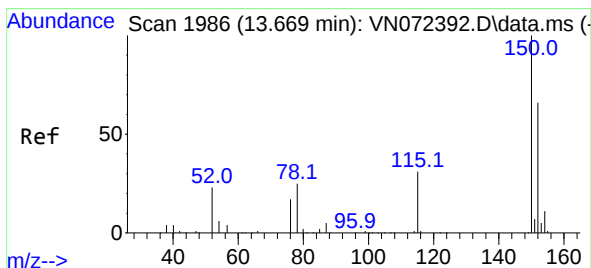
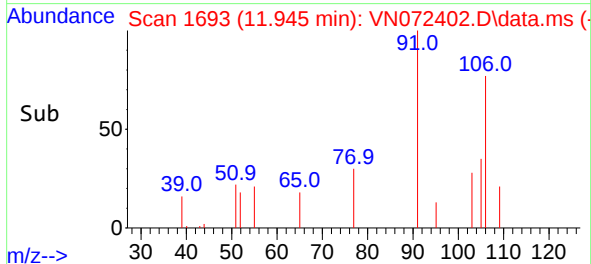
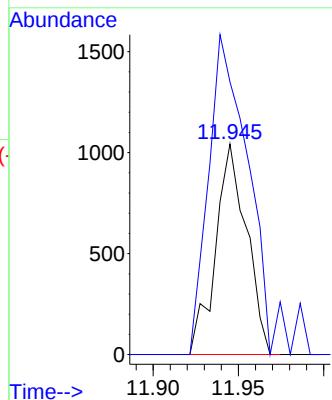
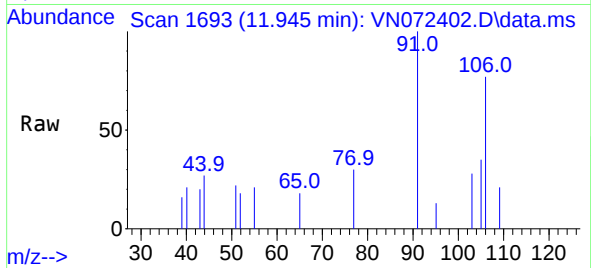




#68
m/p-Xylenes
Concen: 0.207 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

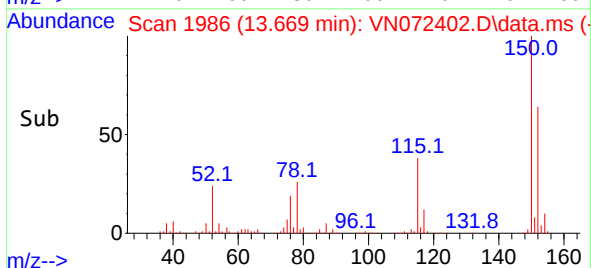
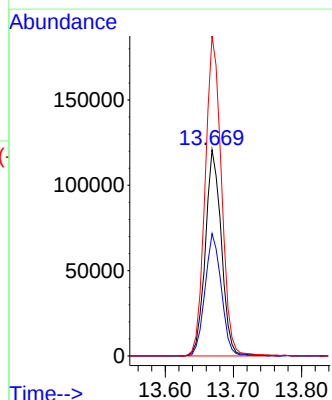
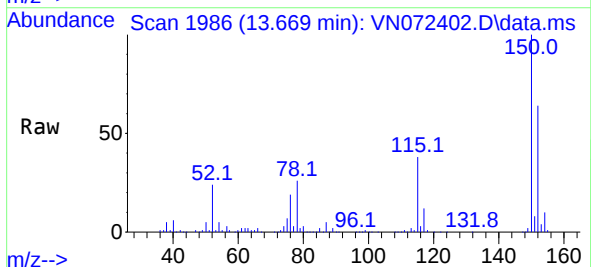
Instrument :
MSVOA_N
ClientSampleId :
M-15842

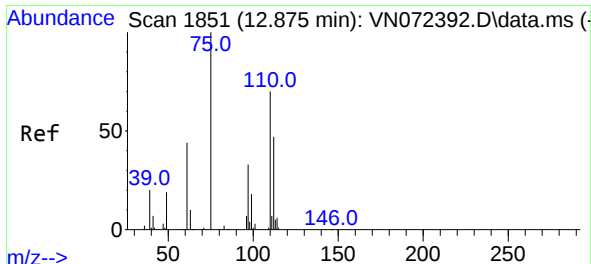
Tgt Ion:106 Resp: 1321
Ion Ratio Lower Upper
106 100
91 202.5 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

Tgt Ion:152 Resp: 197480
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.7
150 158.3 0.0 356.2

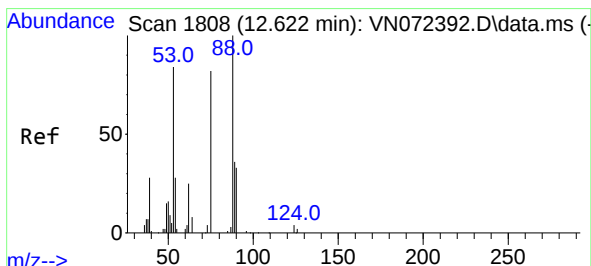
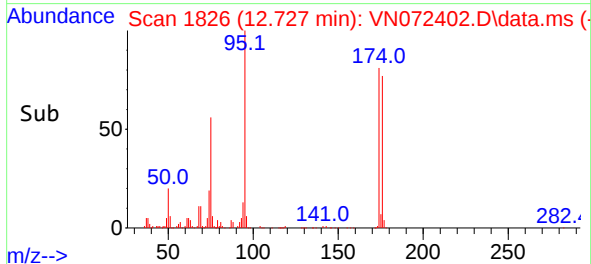
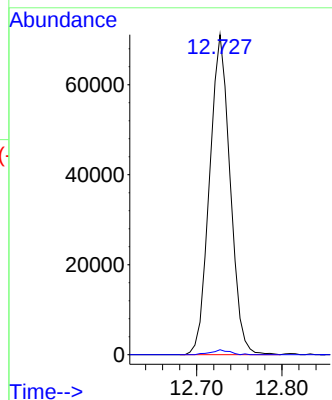
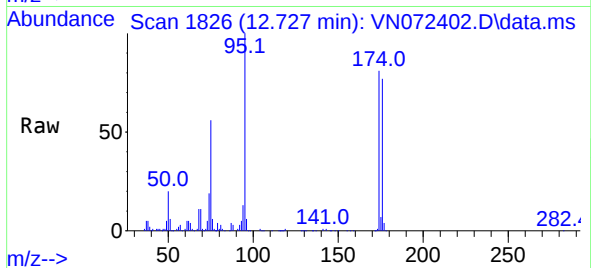




#76
1,2,3-Trichloropropane
Concen: 23.218 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.148 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

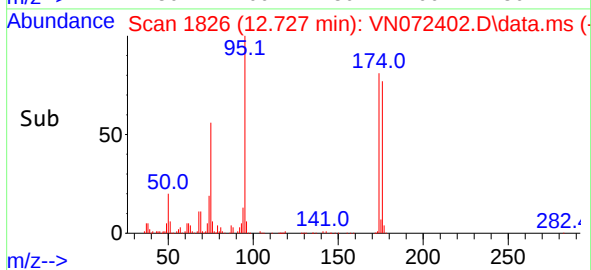
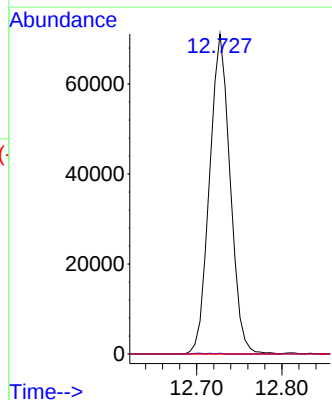
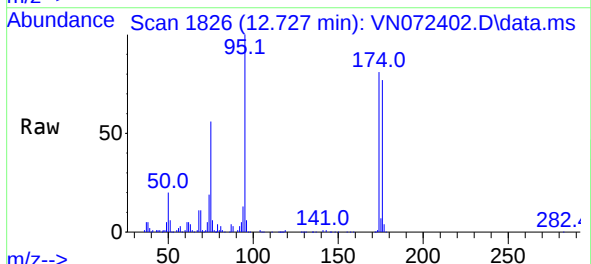
Instrument :
MSVOA_N
ClientSampleId :
M-15842

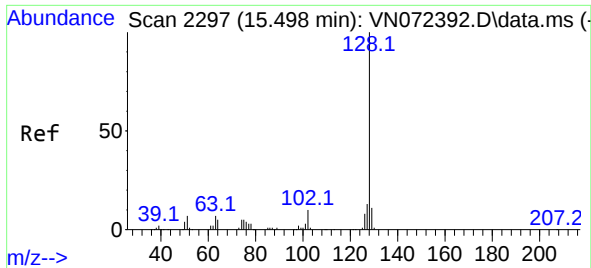
Tgt Ion: 75 Resp: 119589
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.456 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072402.D
Acq: 10 May 2022 19:27

Tgt Ion: 75 Resp: 119589
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 3.380 ug/l

RT: 15.510 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN072402.D

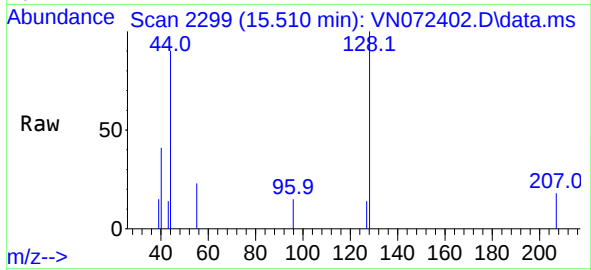
Acq: 10 May 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

M-15842



Tgt Ion:128 Resp: 2054

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 0.0 8.6 13.0#

