

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072401.D
 Acq On : 10 May 2022 19:02
 Operator : JC\MD
 Sample : N2770-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-15844

Quant Time: May 11 03:03:51 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)

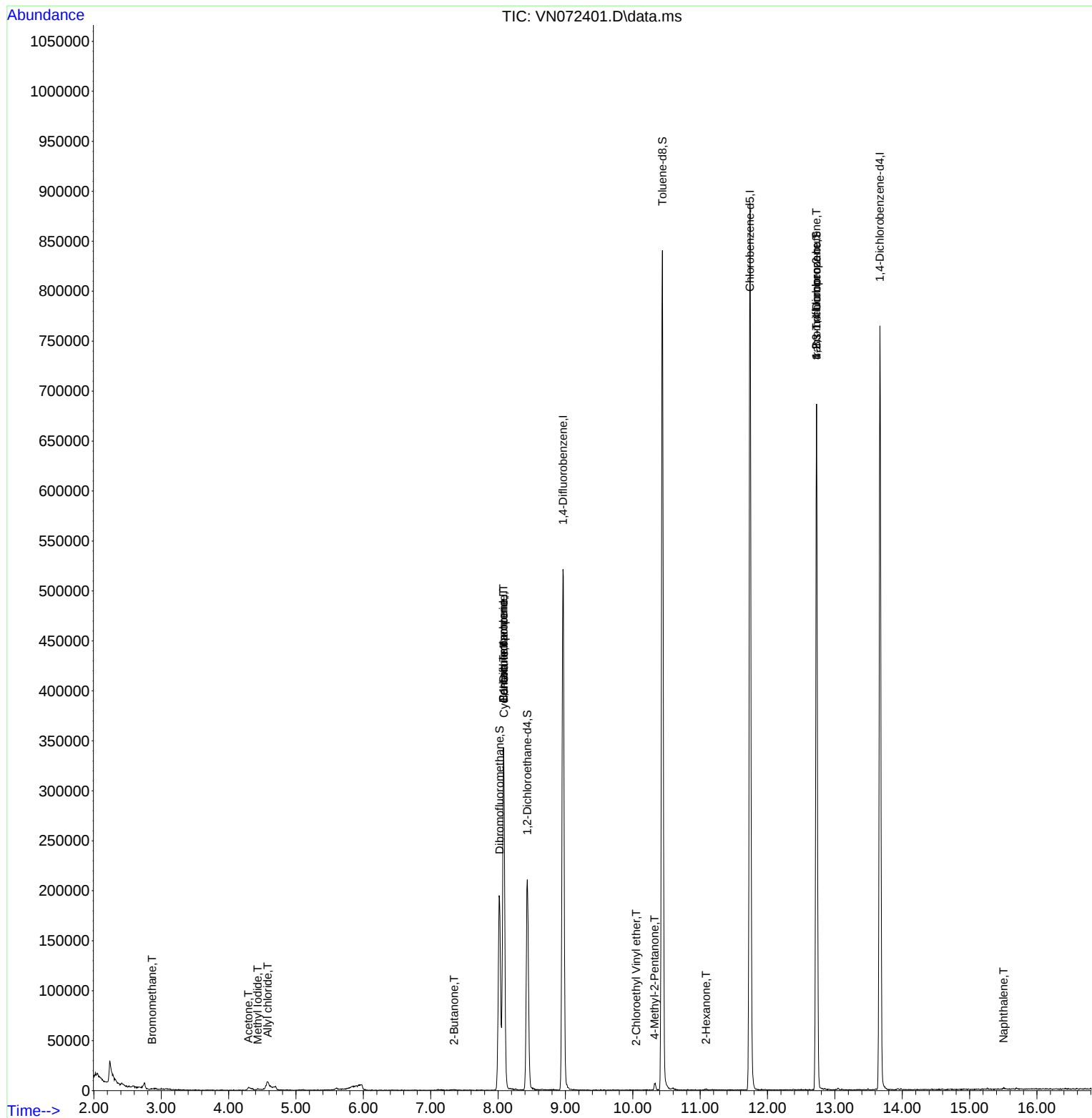
Internal Standards						
1) Pentafluorobenzene	8.081	168	252051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	463540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	505294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	208090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	188235	48.758	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.520%
35) Dibromofluoromethane	8.022	113	142243	46.124	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.240%
50) Toluene-d8	10.439	98	582582	49.602	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.727	95	236273	60.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1092	Below Cal		96
5) Bromomethane	2.863	94	494	0.310 ug/l #		49
6) Chloroethane	3.010	64	547	Below Cal #		42
10) Methyl Iodide	4.434	142	745	0.208 ug/l #		57
14) Allyl chloride	4.581	41	1132	0.240 ug/l #		73
16) Acetone	4.293	43	4117	2.693 ug/l #		83
25) 2-Butanone	7.345	43	1202	0.498 ug/l #		45
31) Cyclohexane	8.086	56	5118	1.000 ug/l #		30
36) 1,1-Dichloropropene	8.081	75	20341	4.592 ug/l #		50
38) Carbon Tetrachloride	8.081	117	26736	5.393 ug/l #		17
51) 4-Methyl-2-Pentanone	10.322	43	4820	0.951 ug/l		88
58) 2-Chloroethyl Vinyl ether	10.051	63	59	17.383 ug/l #		44
59) 2-Hexanone	11.086	43	1253	0.353 ug/l		70
76) 1,2,3-Trichloropropane	12.727	75	125938	23.204 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.727	75	125938	77.410 ug/l #		10
95) Naphthalene	15.504	128	2001	3.365 ug/l #		73

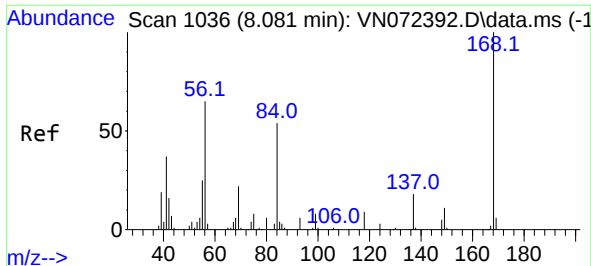
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
Data File : VN072401.D
Acq On : 10 May 2022 19:02
Operator : JC\MD
Sample : N2770-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
M-15844

Quant Time: May 11 03:03:51 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

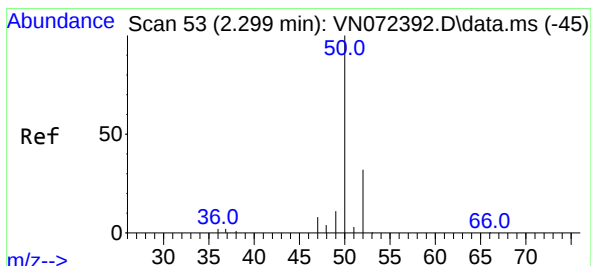
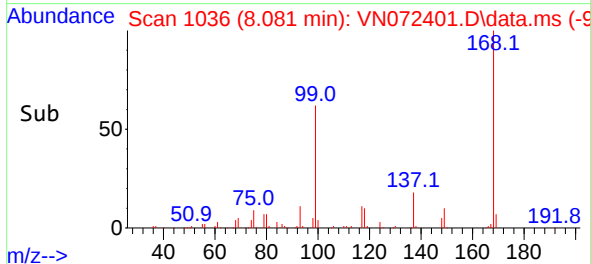
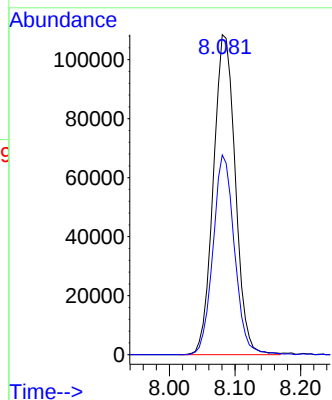
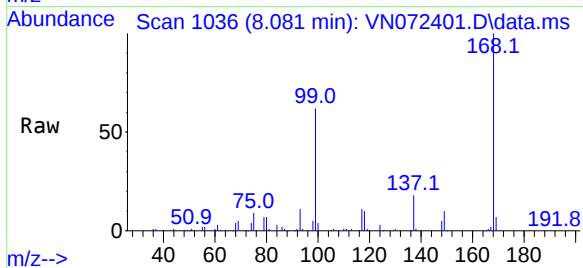




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

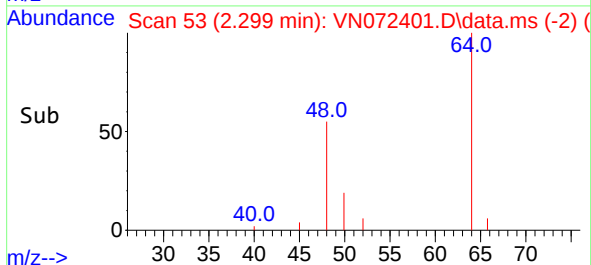
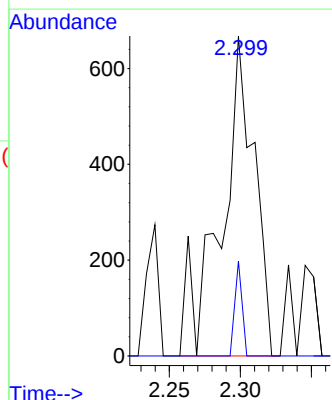
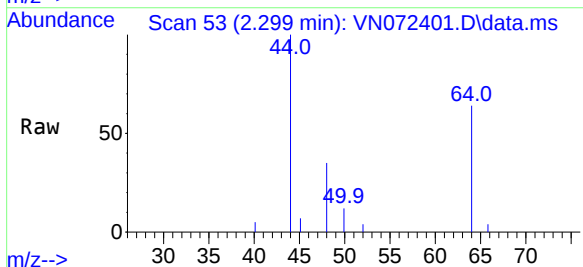
Instrument :
MSVOA_N
ClientSampleId :
M-15844

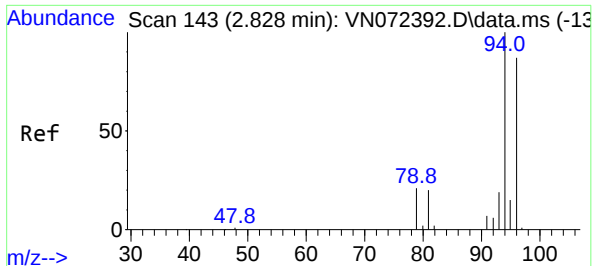
Tgt Ion:168 Resp: 252051
Ion Ratio Lower Upper
168 100
99 62.4 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

Tgt Ion: 50 Resp: 1092
Ion Ratio Lower Upper
50 100
52 29.6 25.7 38.5

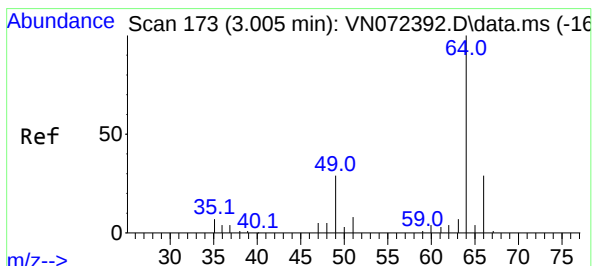
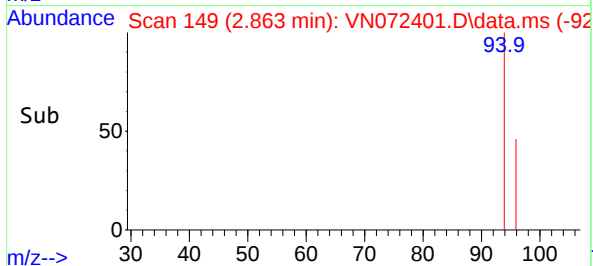
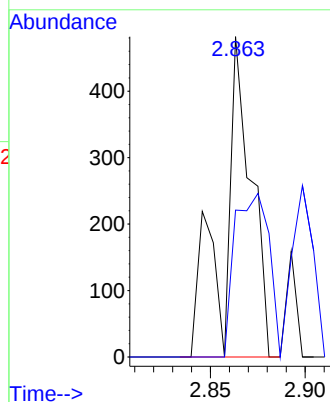
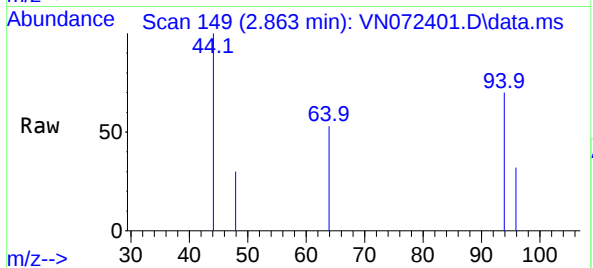




#5
Bromomethane
Concen: 0.310 ug/l
RT: 2.863 min Scan# 143
Delta R.T. 0.035 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

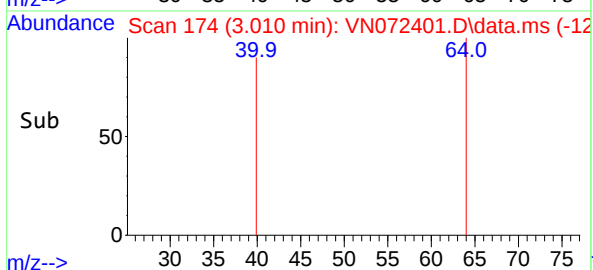
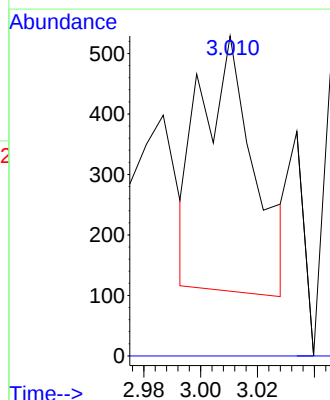
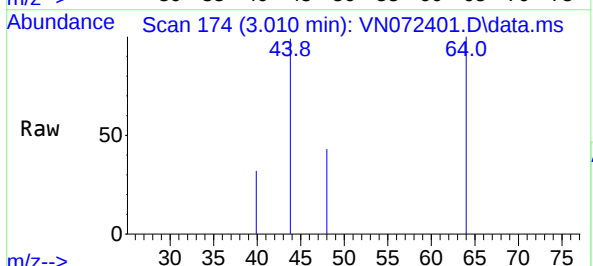
Instrument :
MSVOA_N
ClientSampleId :
M-15844

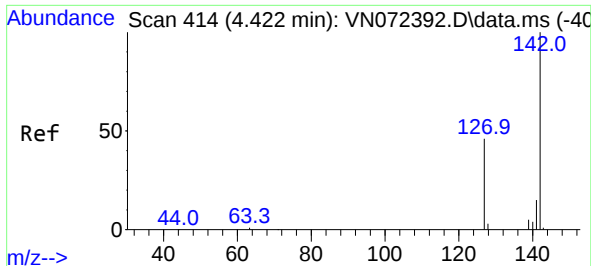
Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 45.9 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.010 min Scan# 174
Delta R.T. 0.005 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

Tgt Ion: 64 Resp: 547
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

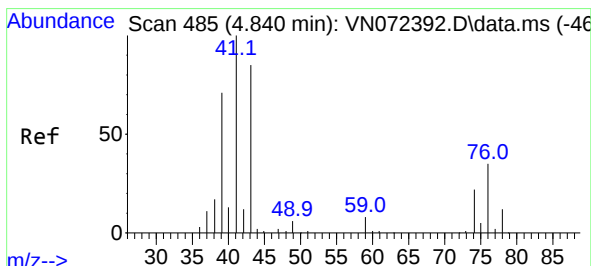
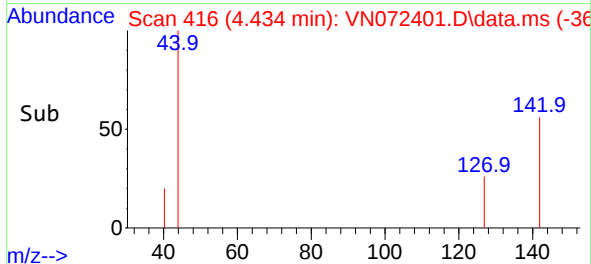
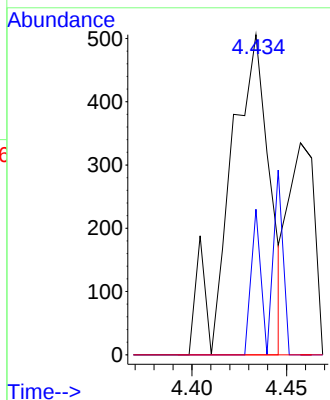
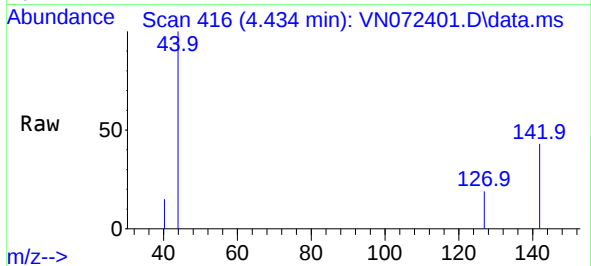




#10
Methyl Iodide
Concen: 0.208 ug/l
RT: 4.434 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

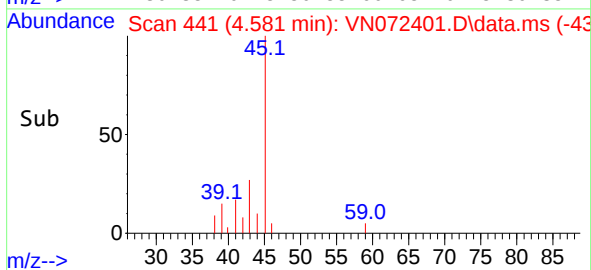
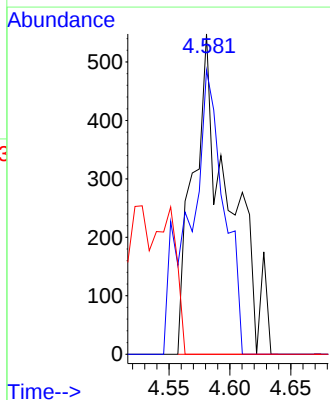
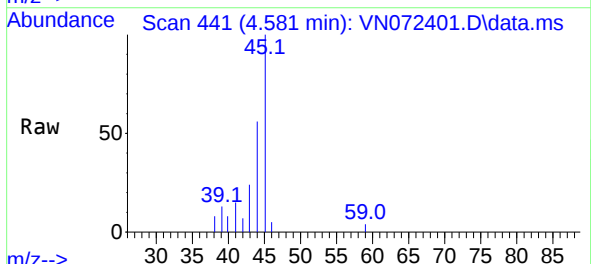
Instrument :
MSVOA_N
ClientSampleId :
M-15844

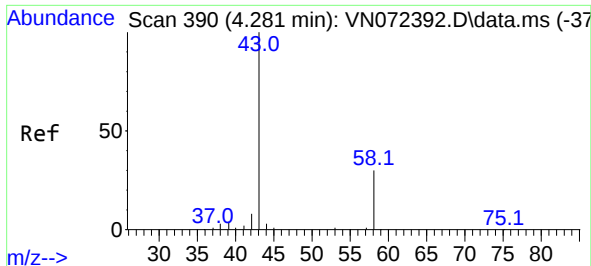
Tgt Ion:142 Resp: 745
Ion Ratio Lower Upper
142 100
127 10.9 31.3 46.9#
141 0.0 11.2 16.8#



#14
Allyl chloride
Concen: 0.240 ug/l
RT: 4.581 min Scan# 441
Delta R.T. -0.259 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

Tgt Ion: 41 Resp: 1132
Ion Ratio Lower Upper
41 100
39 72.6 53.2 79.8
76 0.0 29.9 44.9#

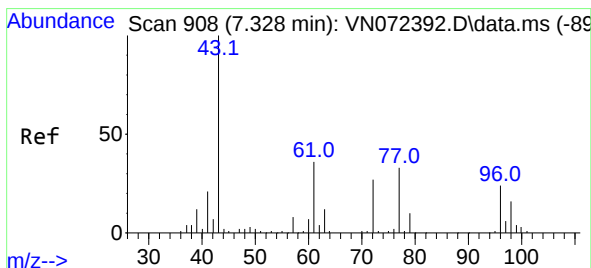
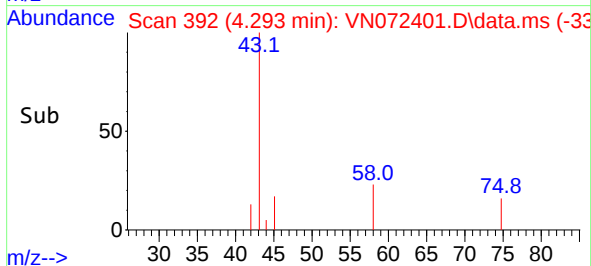
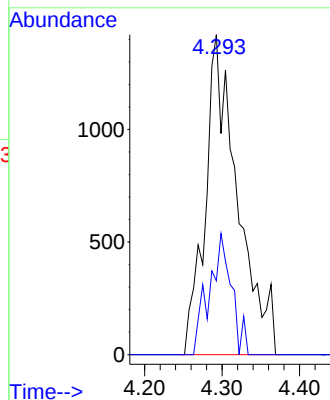
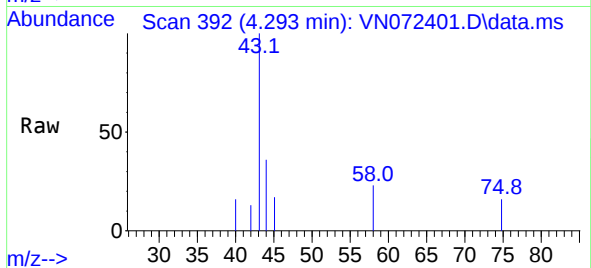




#16
Acetone
Concen: 2.693 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

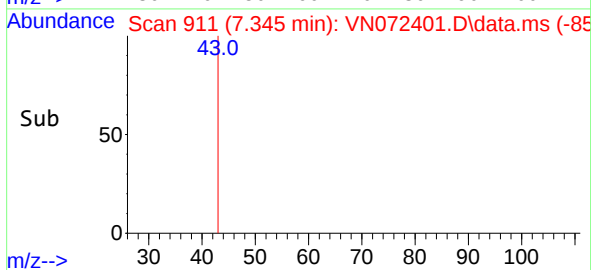
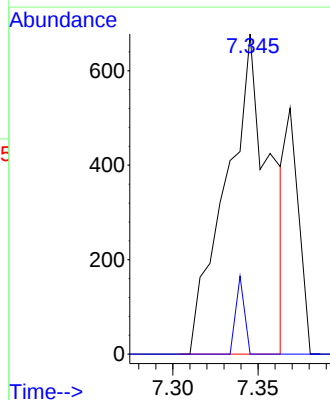
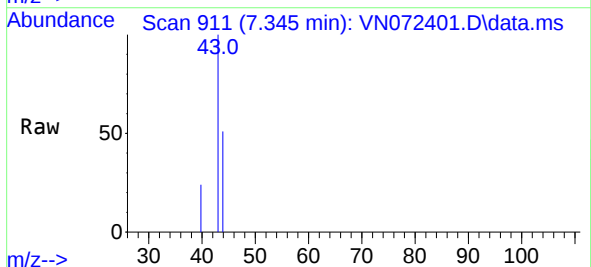
Instrument :
MSVOA_N
ClientSampleId :
M-15844

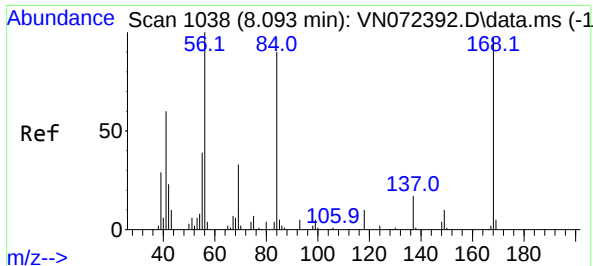
Tgt Ion: 43 Resp: 4117
Ion Ratio Lower Upper
43 100
58 23.1 26.0 39.0#



#25
2-Butanone
Concen: 0.498 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

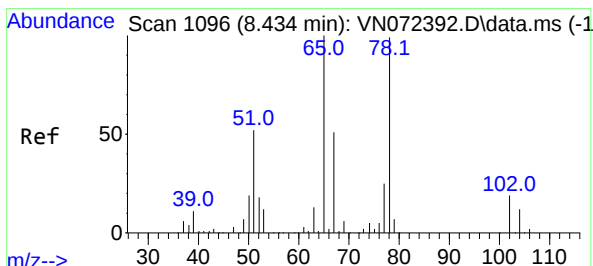
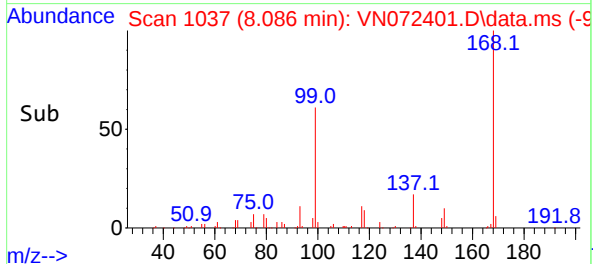
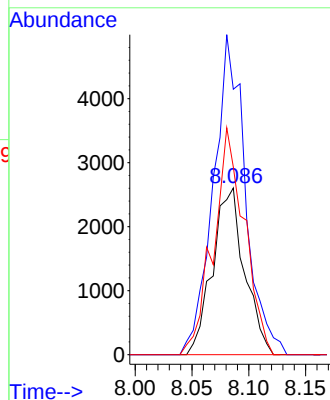
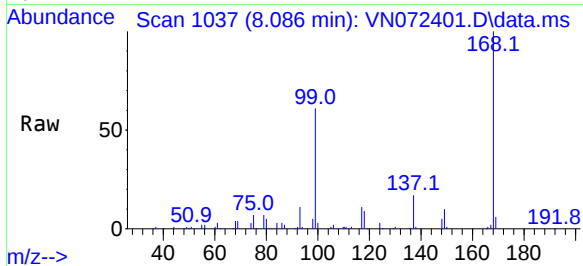




#31
Cyclohexane
Concen: 1.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

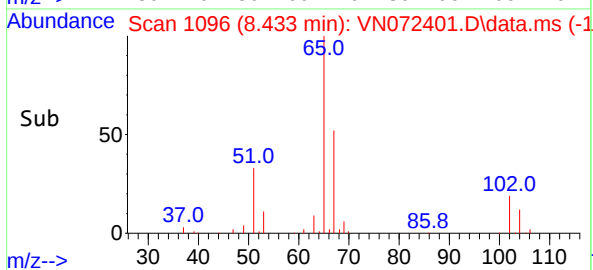
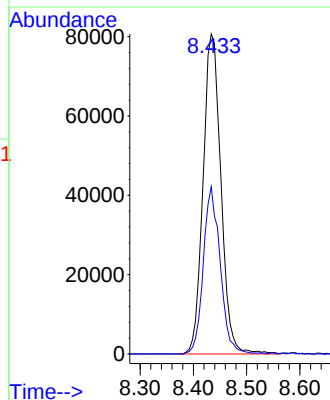
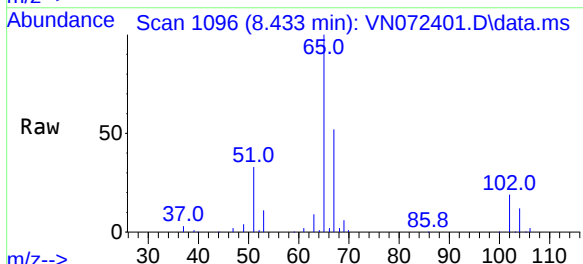
Instrument :
MSVOA_N
ClientSampleId :
M-15844

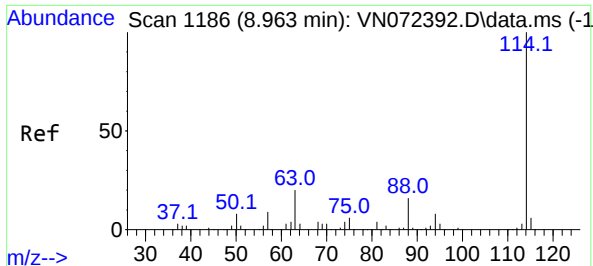
Tgt Ion: 56 Resp: 5118
Ion Ratio Lower Upper
56 100
69 159.3 27.8 41.8#
84 112.6 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 48.758 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

Tgt Ion: 65 Resp: 188235
Ion Ratio Lower Upper
65 100
67 49.2 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: VN072401.D

Acq: 10 May 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

M-15844

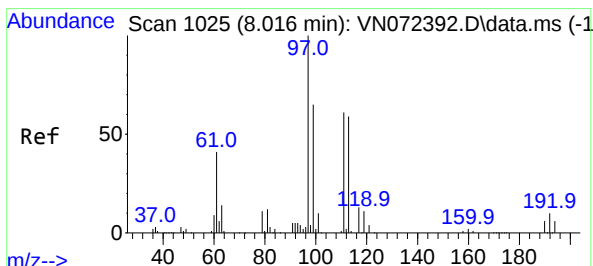
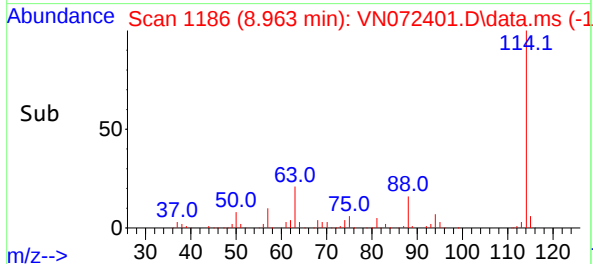
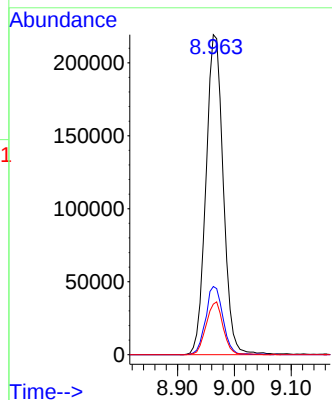
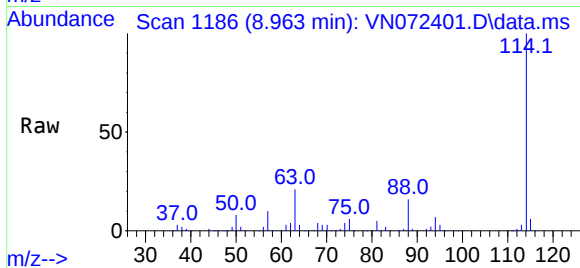
Tgt Ion:114 Resp: 463540

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.124 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072401.D

Acq: 10 May 2022 19:02

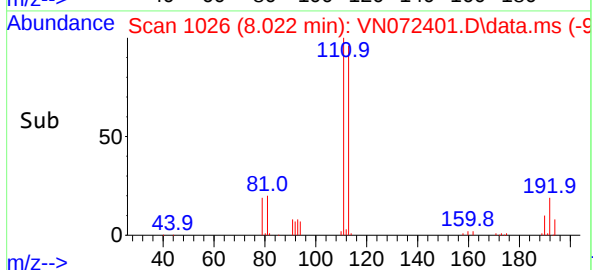
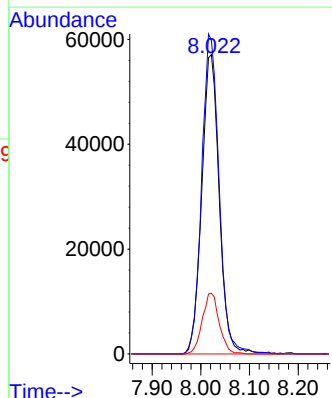
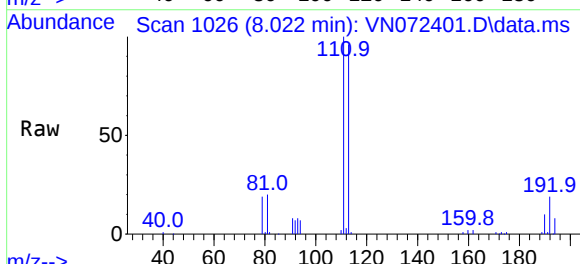
Tgt Ion:113 Resp: 142243

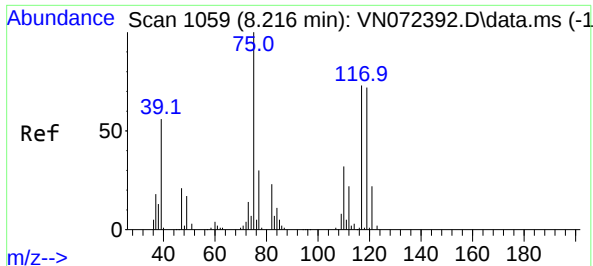
Ion Ratio Lower Upper

113 100

111 106.0 81.4 122.0

192 19.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.592 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072401.D

Acq: 10 May 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

M-15844

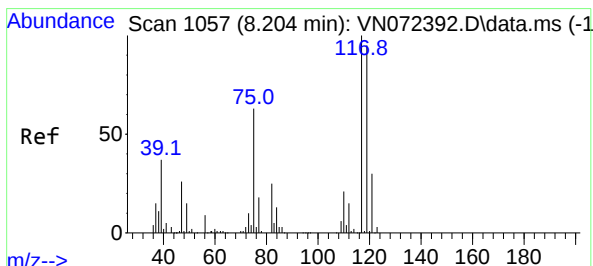
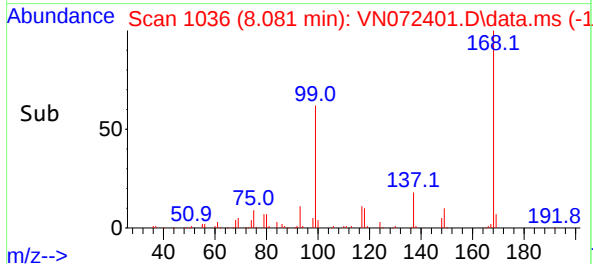
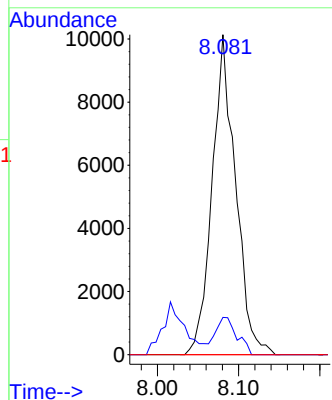
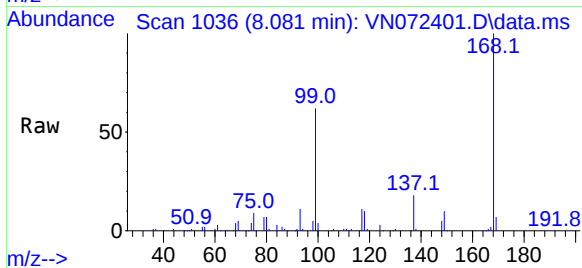
Tgt Ion: 75 Resp: 20341

Ion Ratio Lower Upper

75 100

110 10.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.393 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072401.D

Acq: 10 May 2022 19:02

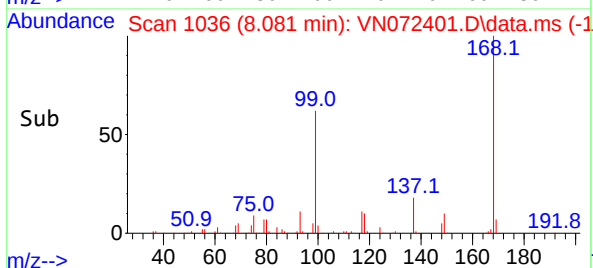
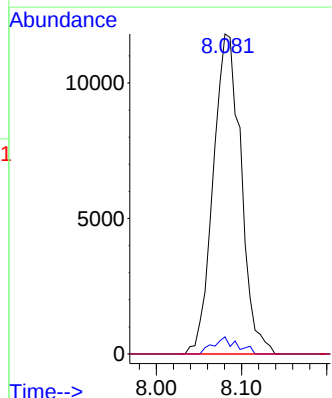
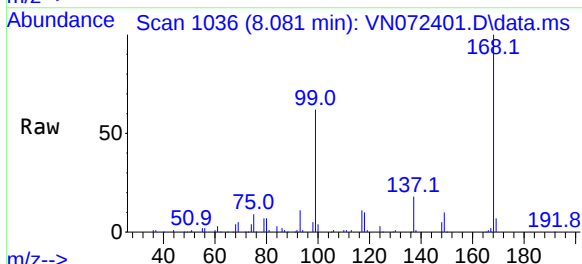
Tgt Ion: 117 Resp: 26736

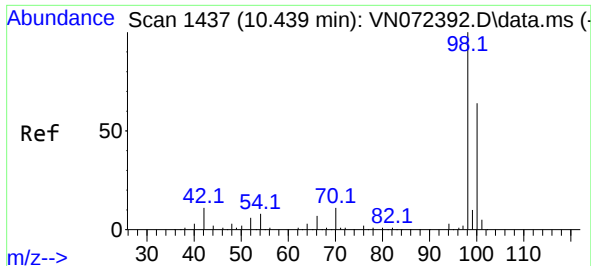
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

121 0.0 24.6 37.0#

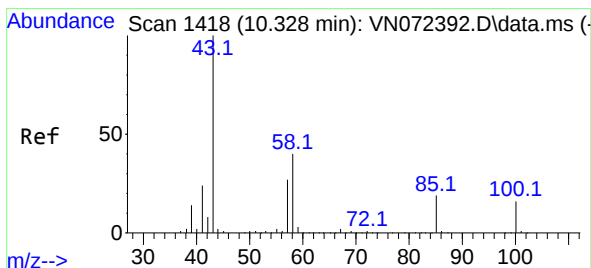
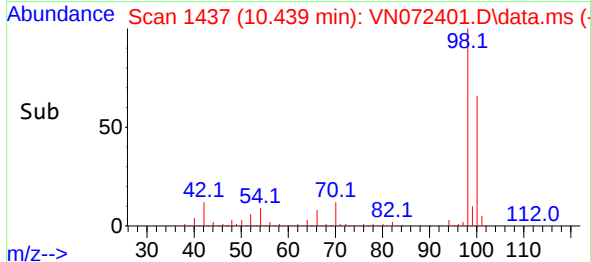
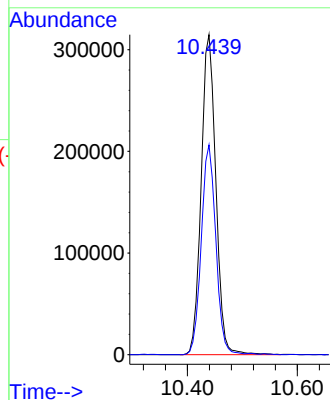
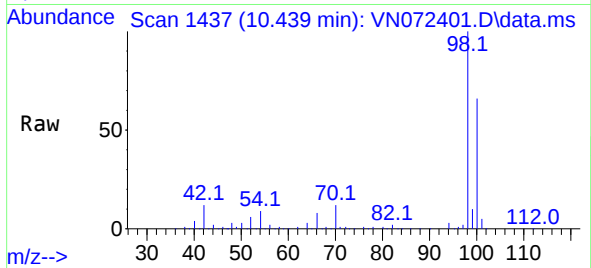




#50
Toluene-d8
Concen: 49.602 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

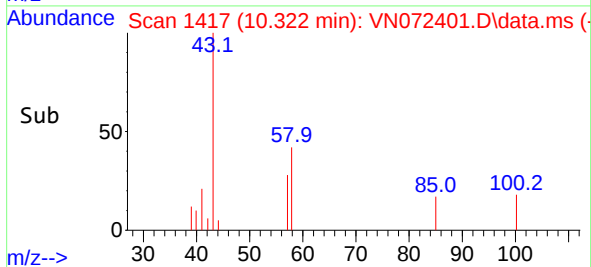
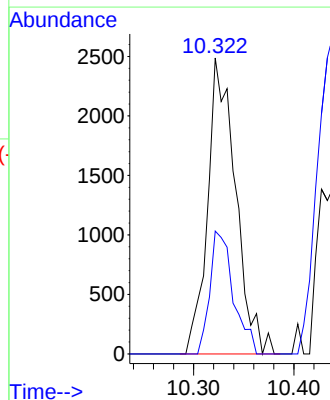
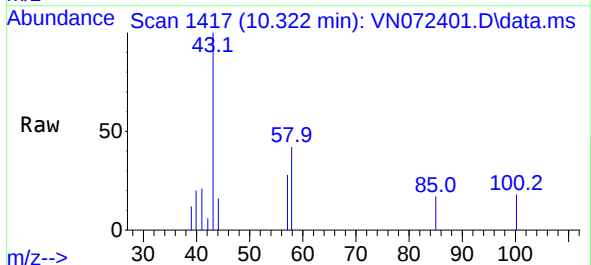
Instrument :
MSVOA_N
ClientSampleId :
M-15844

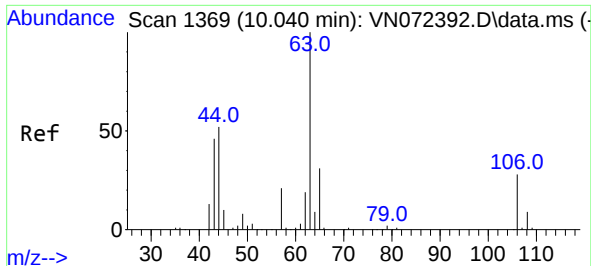
Tgt Ion: 98 Resp: 582582
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.951 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

Tgt Ion: 43 Resp: 4820
Ion Ratio Lower Upper
43 100
58 34.9 34.1 51.1

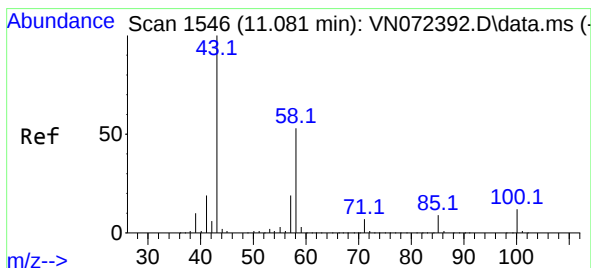
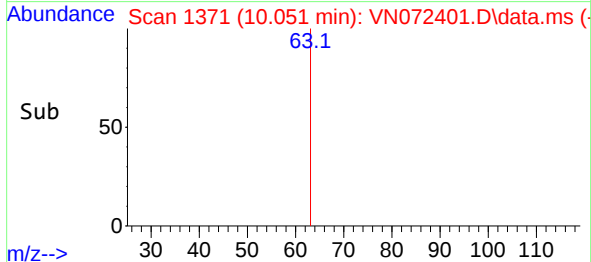
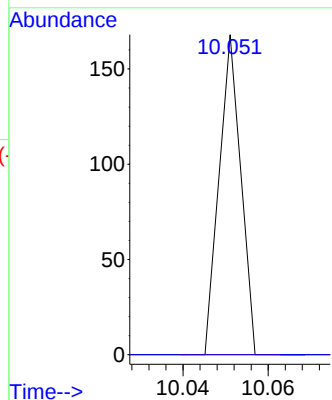
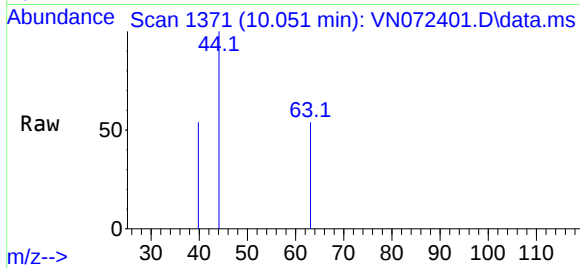




#58
2-Chloroethyl Vinyl ether
Concen: 17.383 ug/l
RT: 10.051 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

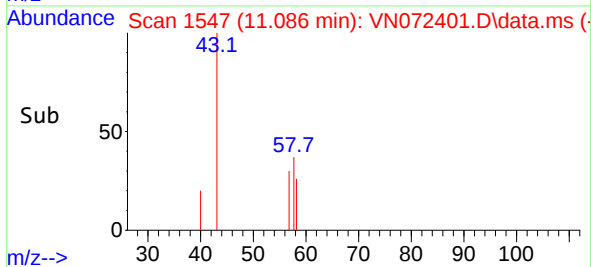
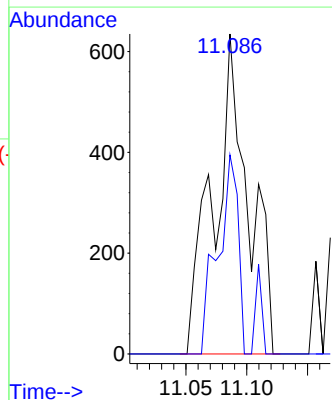
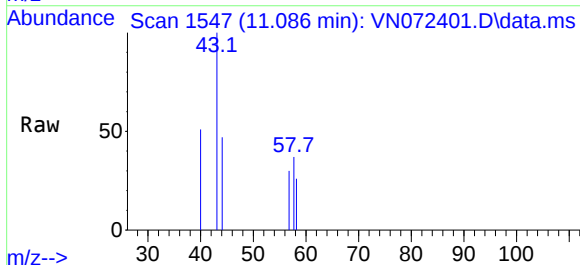
Instrument :
MSVOA_N
ClientSampleId :
M-15844

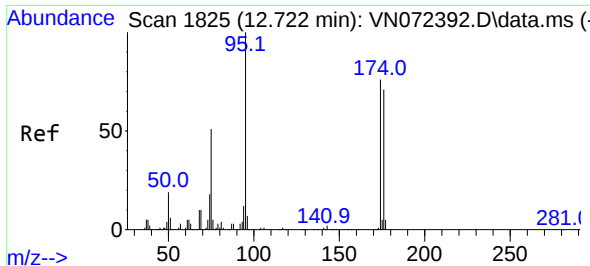
Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 0.353 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

Tgt Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
58 36.6 29.7 89.1

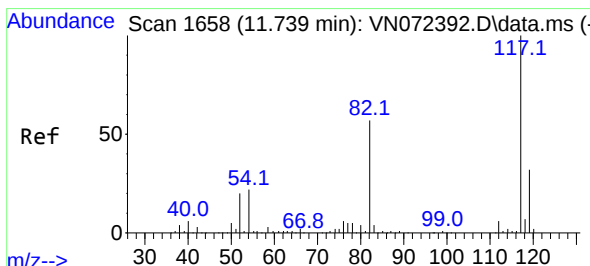
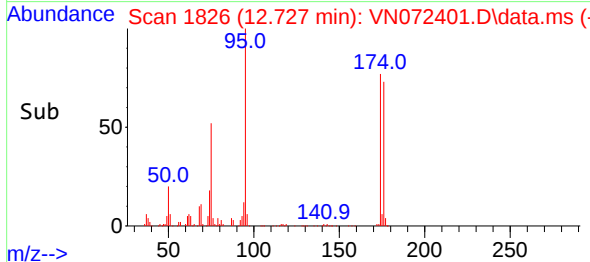
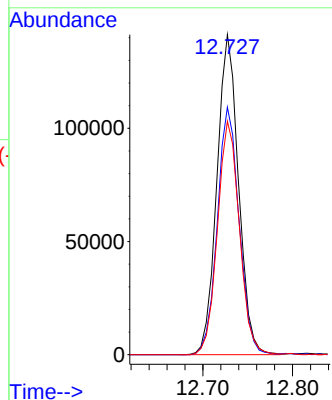
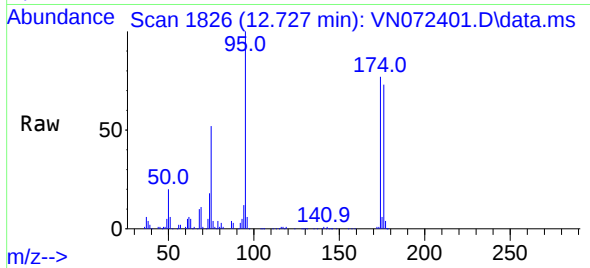




#62
4-Bromofluorobenzene
Concen: 60.573 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

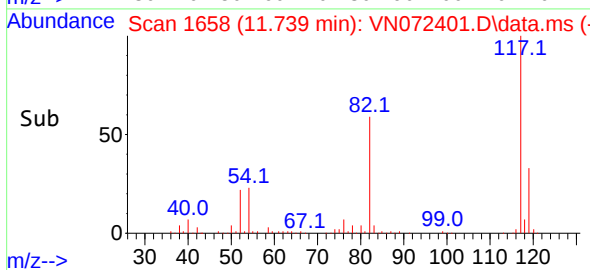
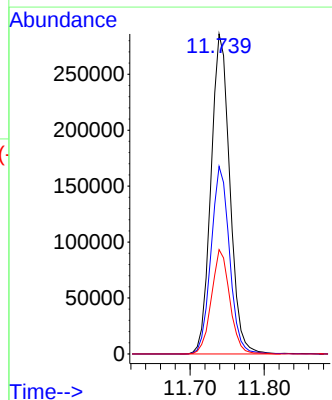
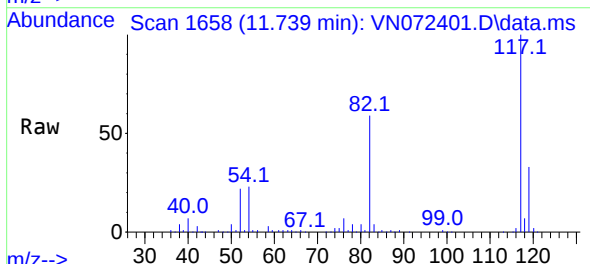
Instrument :
MSVOA_N
ClientSampleId :
M-15844

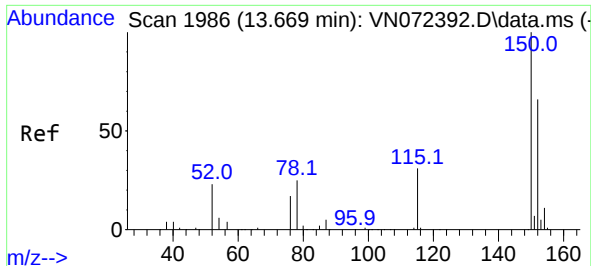
Tgt Ion: 95 Resp: 236273
Ion Ratio Lower Upper
95 100
174 78.0 0.0 167.6
176 73.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

Tgt Ion: 117 Resp: 505294
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 32.6 25.4 38.0

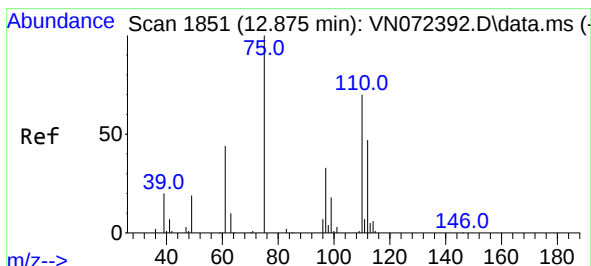
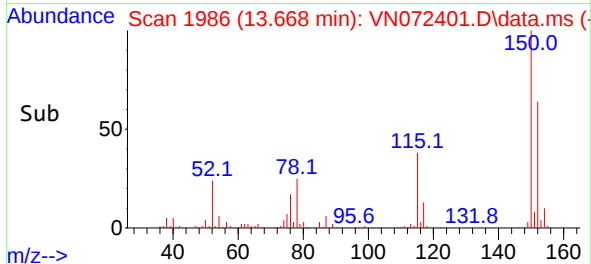
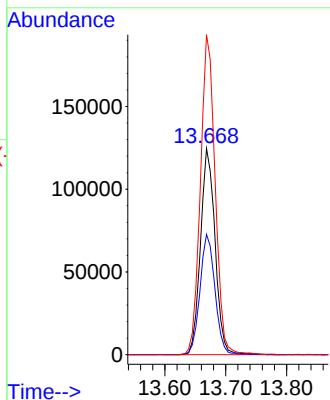
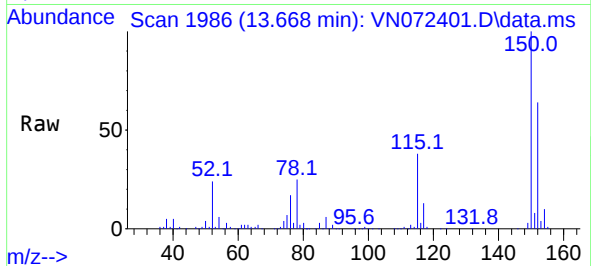




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072401.D
 Acq: 10 May 2022 19:02

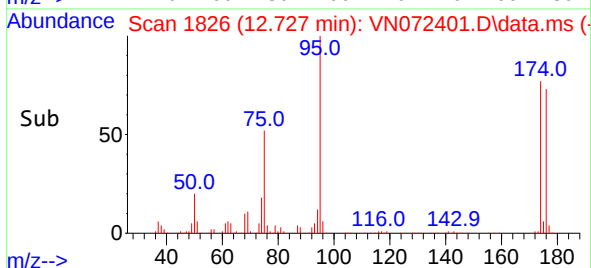
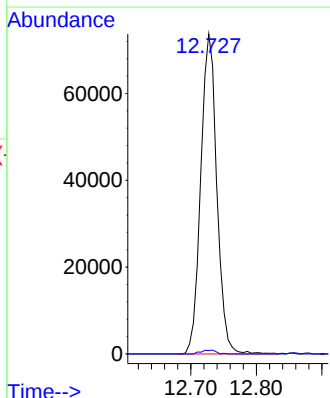
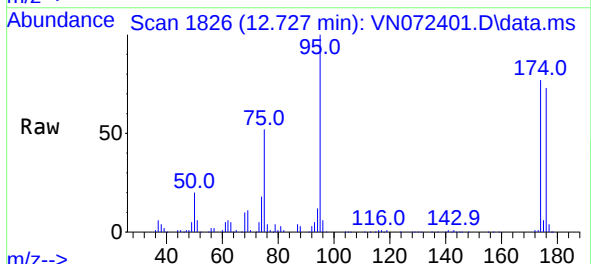
Instrument :
 MSVOA_N
 ClientSampleId :
 M-15844

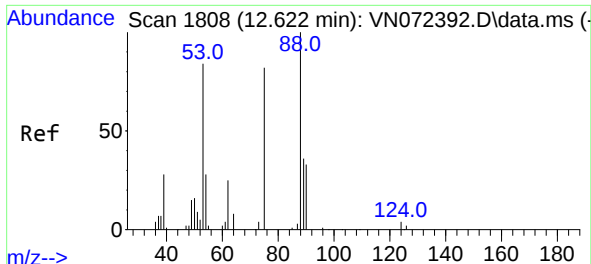
Tgt Ion:152 Resp: 208090
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.9 86.7
 150 156.6 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.204 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.148 min
 Lab File: VN072401.D
 Acq: 10 May 2022 19:02

Tgt Ion: 75 Resp: 125938
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#

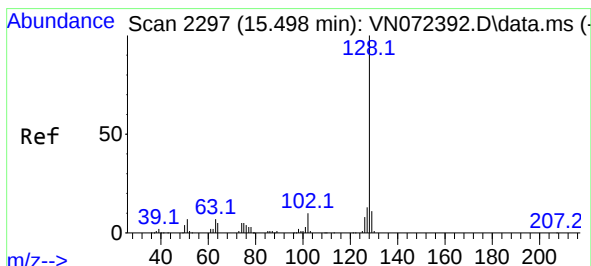
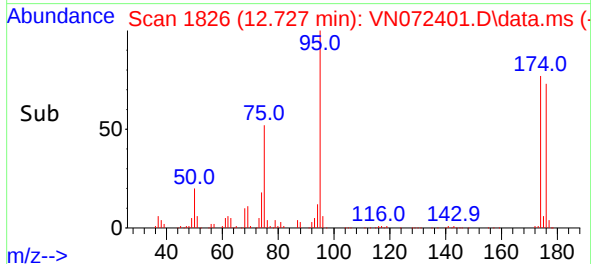
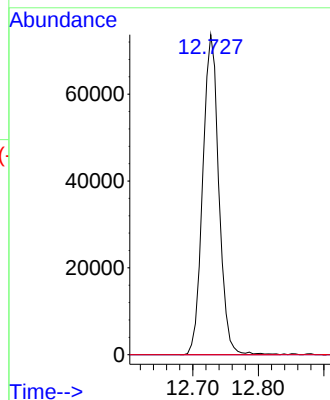
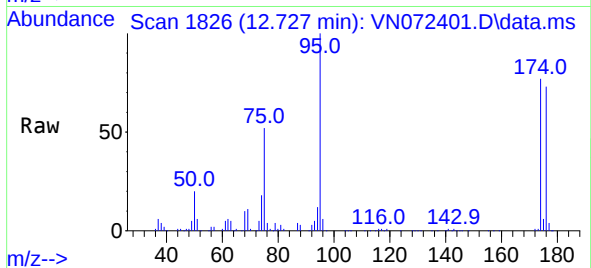




#81
trans-1,4-Dichloro-2-butene
Concen: 77.410 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

Instrument :
MSVOA_N
ClientSampleId :
M-15844

Tgt Ion: 75 Resp: 125938
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.365 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072401.D
Acq: 10 May 2022 19:02

Tgt Ion:128 Resp: 2001
Ion Ratio Lower Upper
128 100
127 2.7 10.3 15.5#
129 0.0 8.6 13.0#

