

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073662.D
 Acq On : 01 Aug 2022 16:08
 Operator : JC\MD
 Sample : N3840-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Aug 02 05:02:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	332683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	540099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	505171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	216092	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	202181	49.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.740%
35) Dibromofluoromethane	7.957	113	185531	54.705	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.420%
50) Toluene-d8	10.380	98	610585	45.751	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.500%
62) 4-Bromofluorobenzene	12.674	95	212225	47.973	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.940%

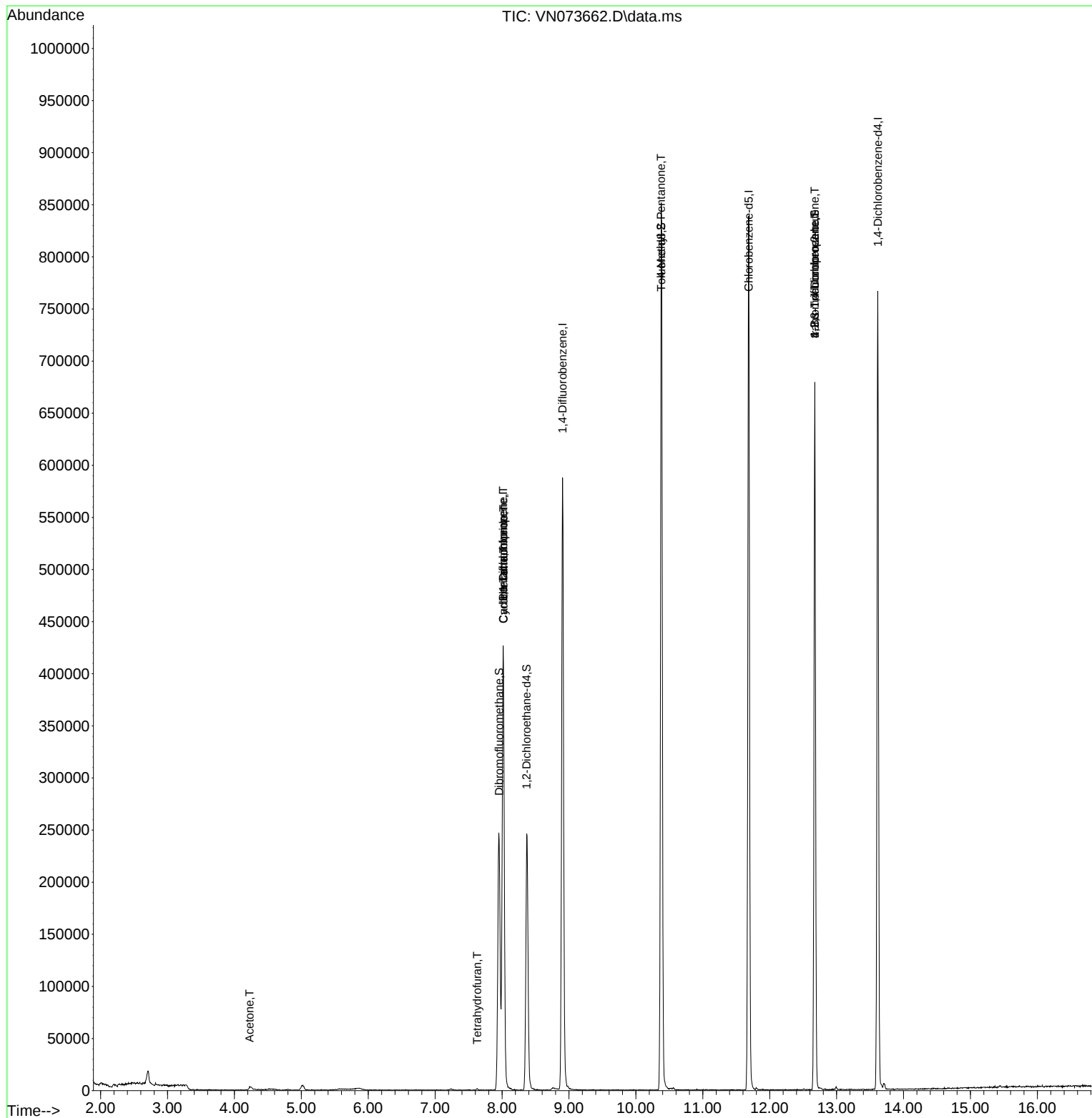
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.269	50	886	Below Cal	#	61
6) Chloroethane	2.946	64	59	Below Cal	#	42
16) Acetone	4.228	43	6814	3.129	ug/l	97
20) Methylene Chloride	5.010	84	4105	Below Cal	#	82
29) Tetrahydrofuran	7.628	42	899	0.420	ug/l	# 75
31) Cyclohexane	8.022	56	5840	0.968	ug/l	# 1
36) 1,1-Dichloropropene	8.016	75	24675	5.105	ug/l	# 49
38) Carbon Tetrachloride	8.022	117	31301	6.376	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.374	43	2577	0.418	ug/l	# 1
76) 1,2,3-Trichloropropane	12.674	75	111229	26.588	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.674	75	111229	66.705	ug/l	# 10

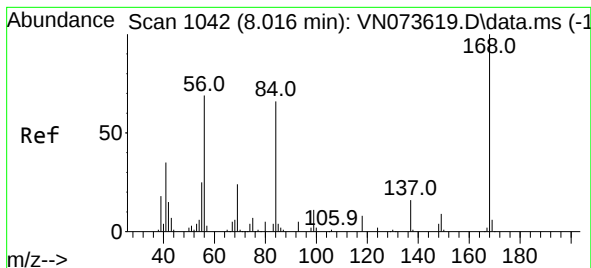
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073662.D

Acq: 01 Aug 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

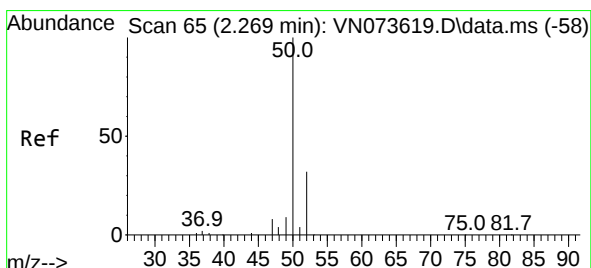
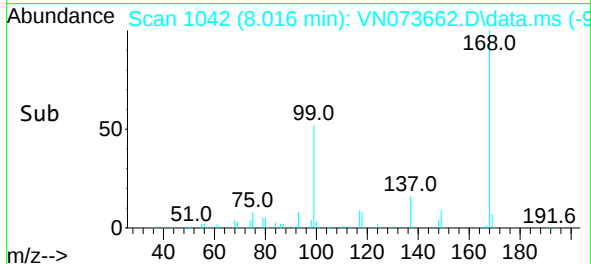
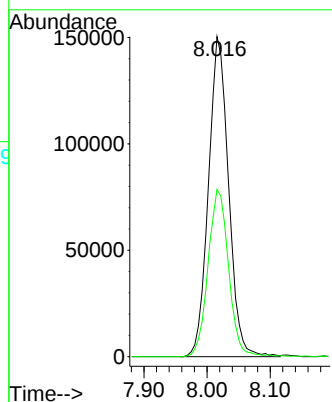
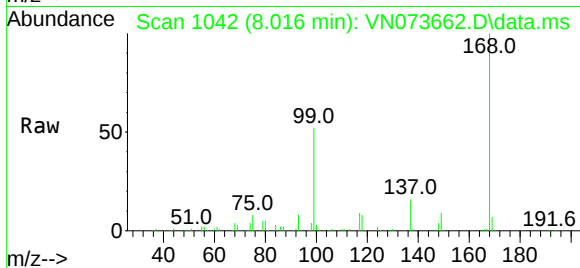
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Tgt Ion:168 Resp: 332683

Ion Ratio Lower Upper

168 100

99 52.3 42.3 63.5



#3

Chloromethane

Concen: Below Cal

RT: 2.269 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN073662.D

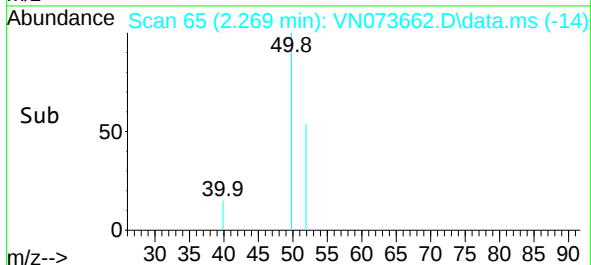
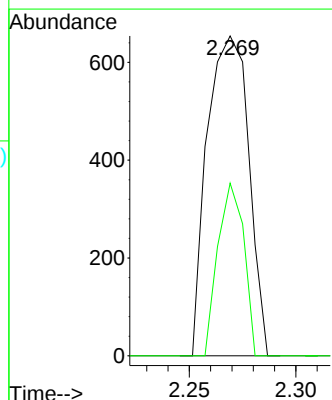
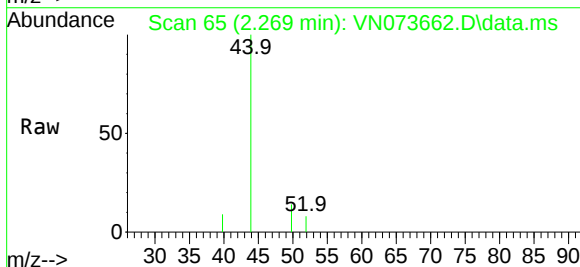
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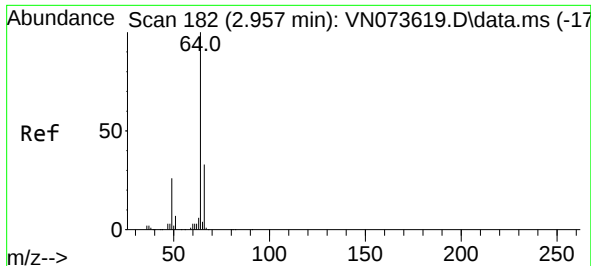
Tgt Ion: 50 Resp: 886

Ion Ratio Lower Upper

50 100

52 54.0 25.7 38.5#

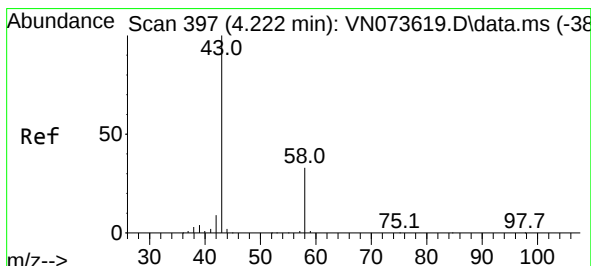
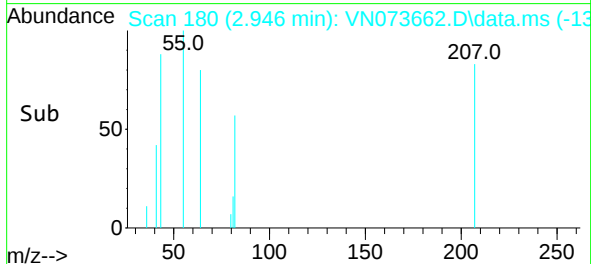
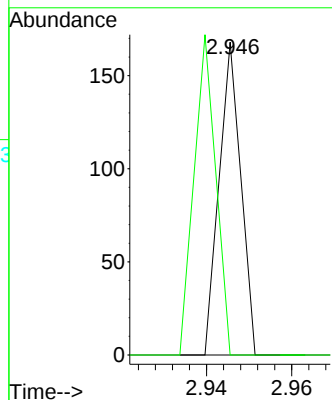
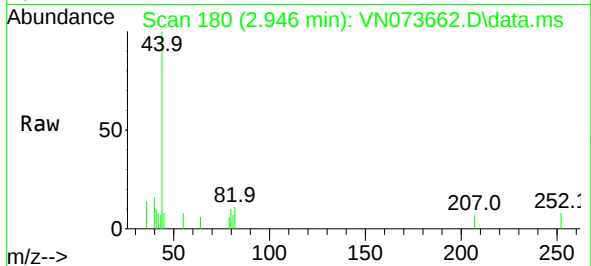




#6
Chloroethane
Concen: Below Cal
RT: 2.946 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN073662.D
Acq: 01 Aug 2022 16:08

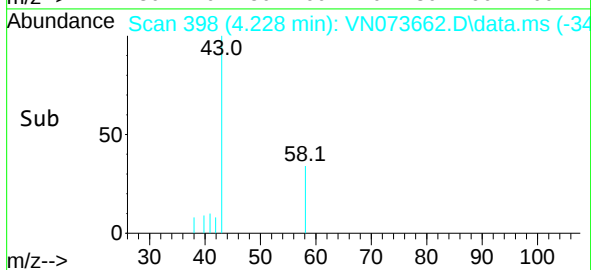
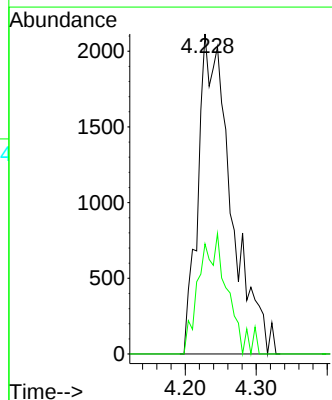
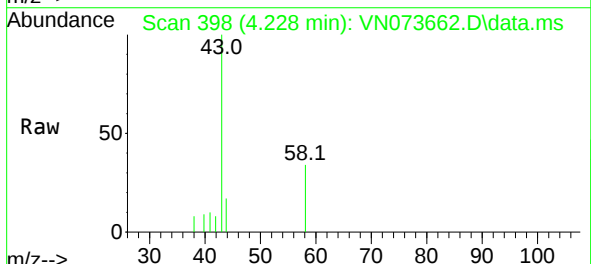
Instrument :
MSVOA_N
ClientSampleId :
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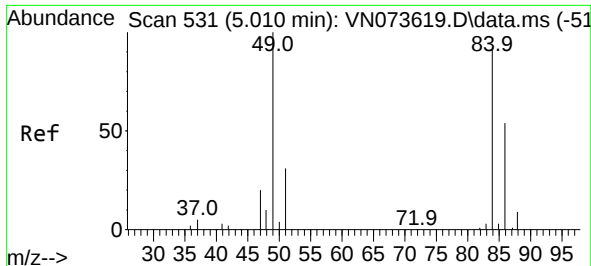
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 3.129 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073662.D
Acq: 01 Aug 2022 16:08

Tgt Ion: 43 Resp: 6814
Ion Ratio Lower Upper
43 100
58 34.4 26.0 39.0





#20

Methylene Chloride

Concen: Below Cal

RT: 5.010 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN073662.D

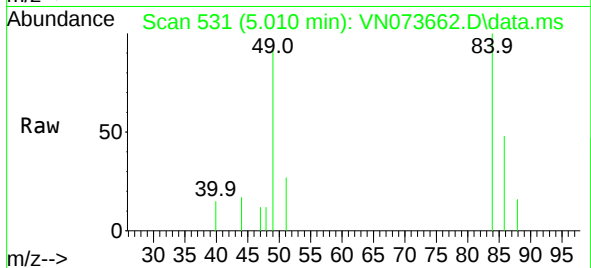
Acq: 01 Aug 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

FIELD-BLANK



Tgt Ion: 84 Resp: 4105

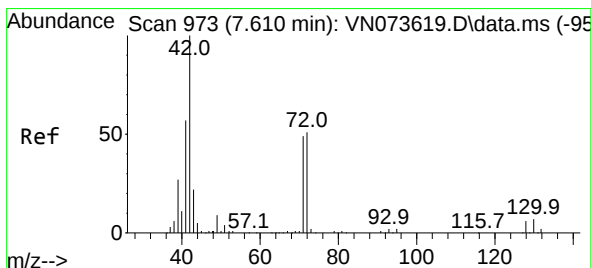
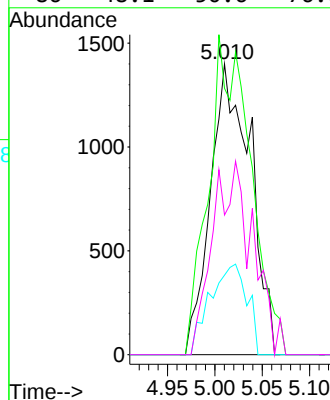
Ion Ratio Lower Upper

84 100

49 91.6 88.3 132.5

51 27.4 28.2 42.2#

86 48.1 50.6 76.0#



#29

Tetrahydrofuran

Concen: 0.420 ug/l

RT: 7.628 min Scan# 976

Delta R.T. 0.018 min

Lab File: VN073662.D

Acq: 01 Aug 2022 16:08

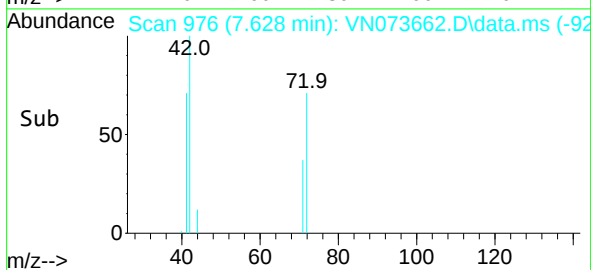
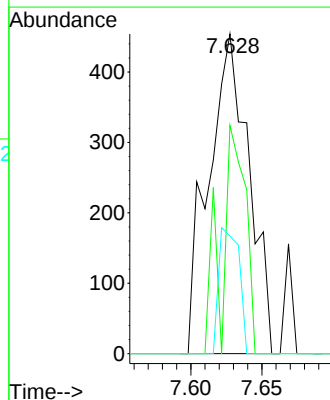
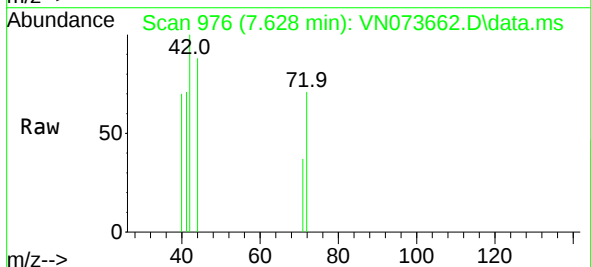
Tgt Ion: 42 Resp: 899

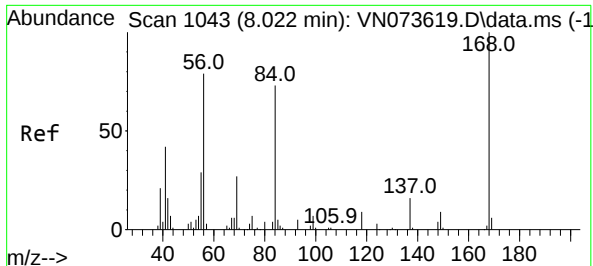
Ion Ratio Lower Upper

42 100

72 41.8 39.7 59.5

71 19.7 36.6 55.0#

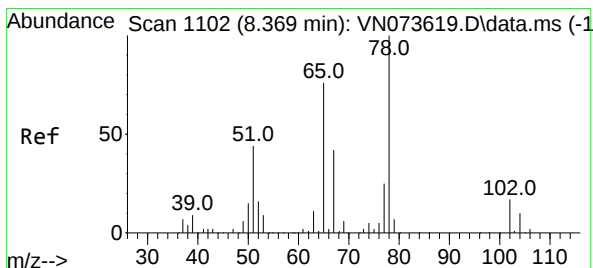
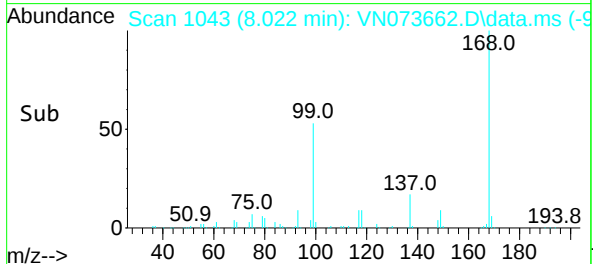
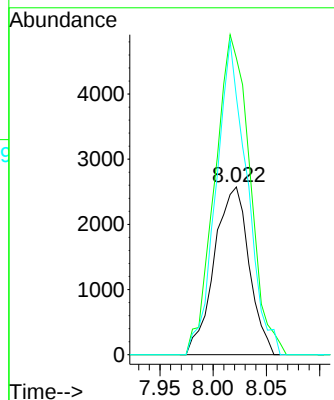
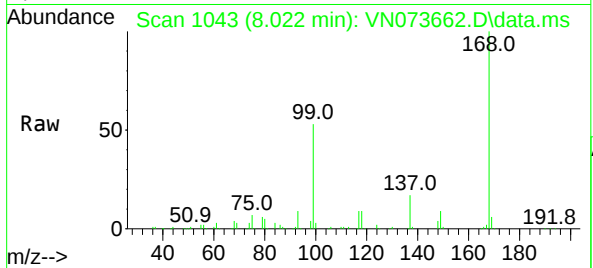




#31
Cyclohexane
Concen: 0.968 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073662.D
Acq: 01 Aug 2022 16:08

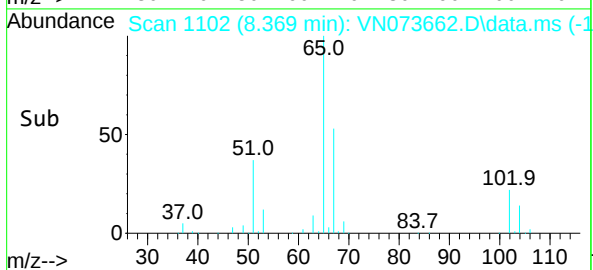
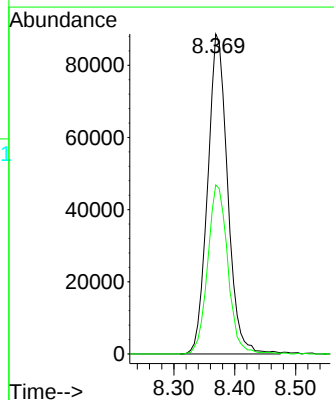
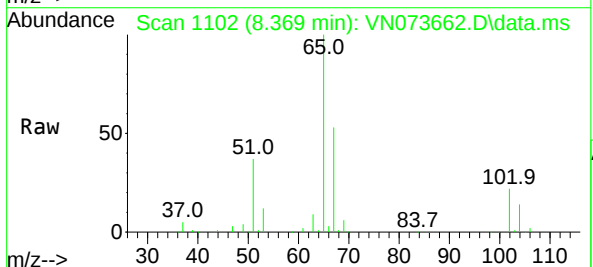
Instrument :
MSVOA_N
ClientSampleId :
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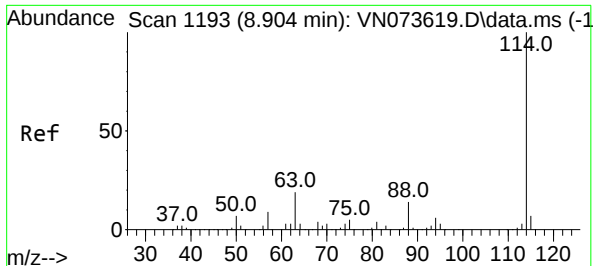
Tgt Ion: 56 Resp: 5840
Ion Ratio Lower Upper
56 100
69 176.9 27.8 41.8#
84 153.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.869 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073662.D
Acq: 01 Aug 2022 16:08

Tgt Ion: 65 Resp: 202181
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073662.D

Acq: 01 Aug 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

FIELD-BLANK

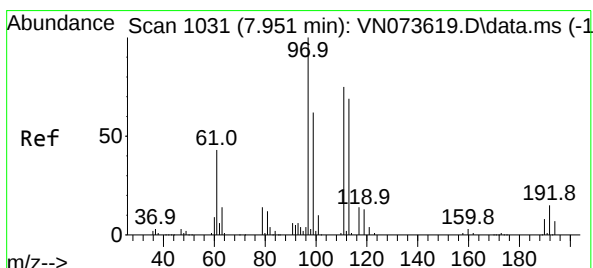
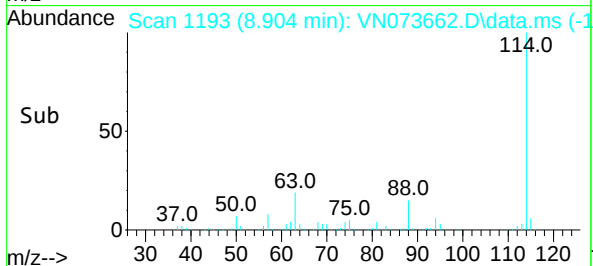
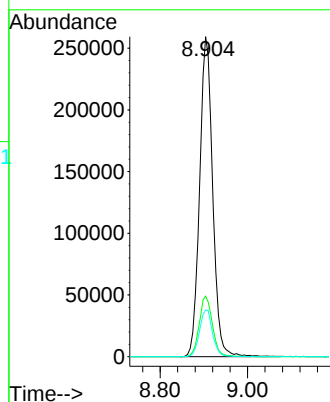
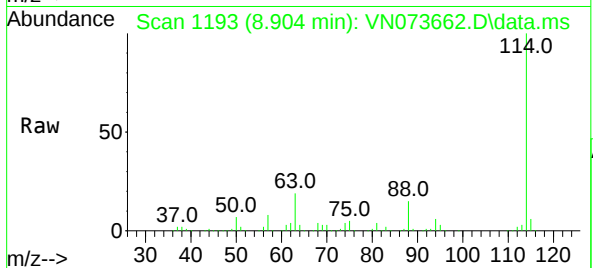
Tgt Ion:114 Resp: 540099

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.705 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073662.D

Acq: 01 Aug 2022 16:08

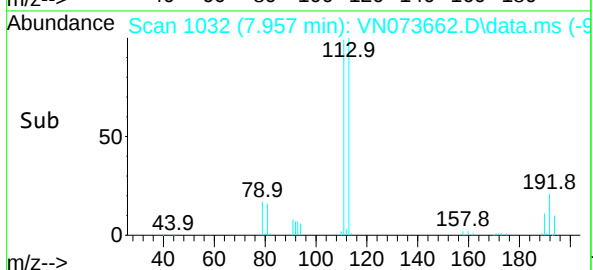
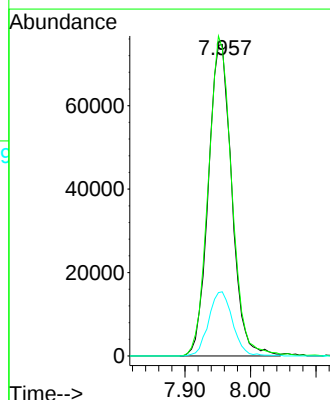
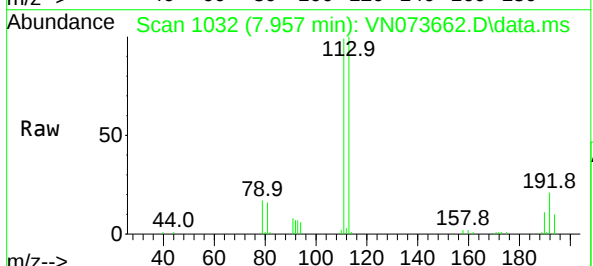
Tgt Ion:113 Resp: 185531

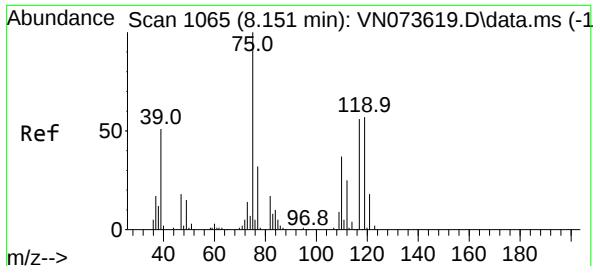
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 21.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.105 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073662.D

Acq: 01 Aug 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

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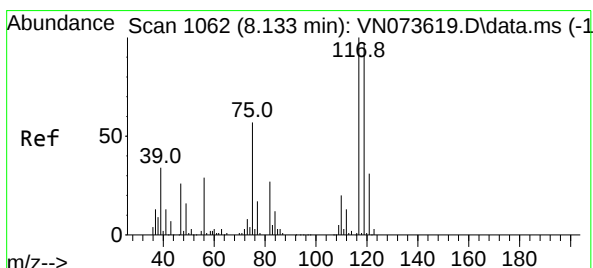
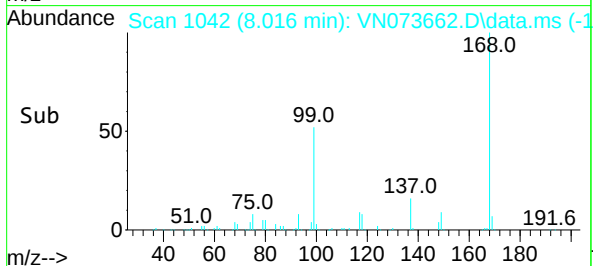
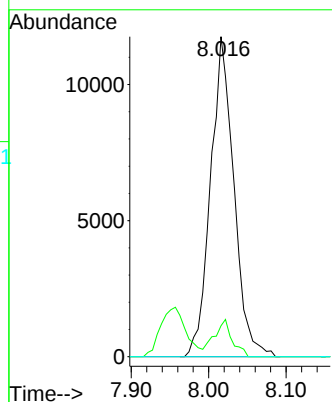
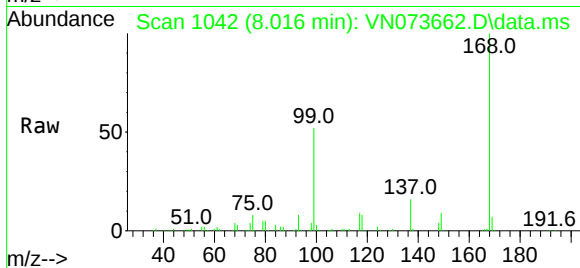
Tgt Ion: 75 Resp: 24675

Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.376 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.112 min

Lab File: VN073662.D

Acq: 01 Aug 2022 16:08

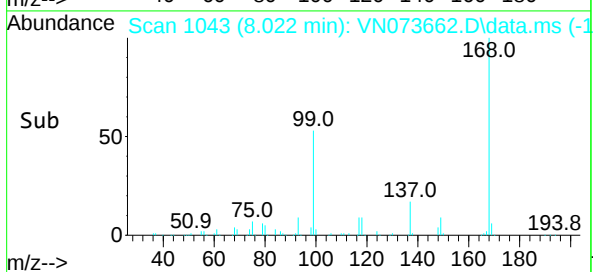
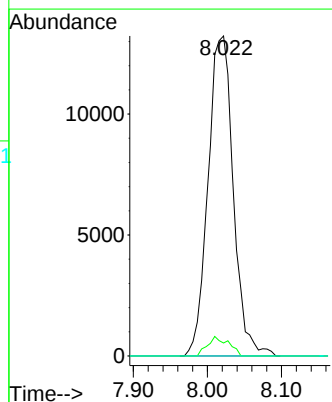
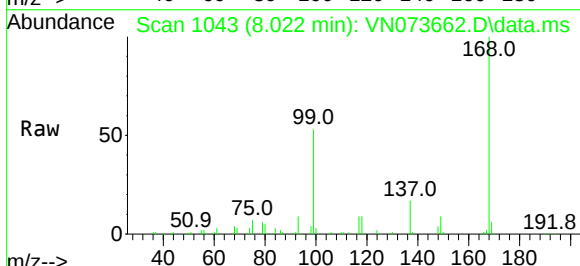
Tgt Ion: 117 Resp: 31301

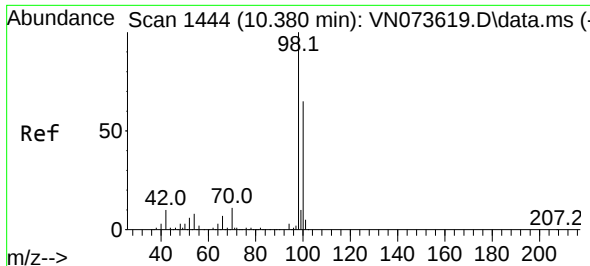
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.8#

121 0.0 24.6 37.0#

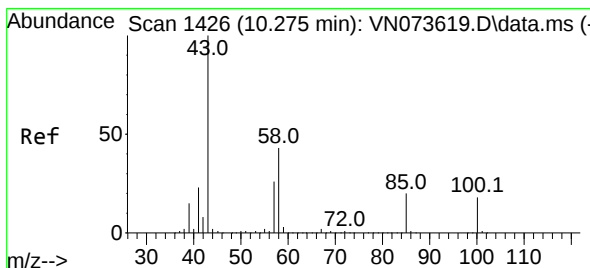
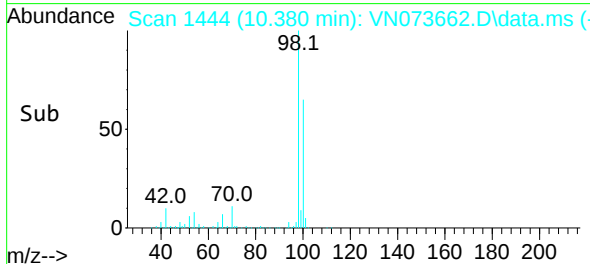
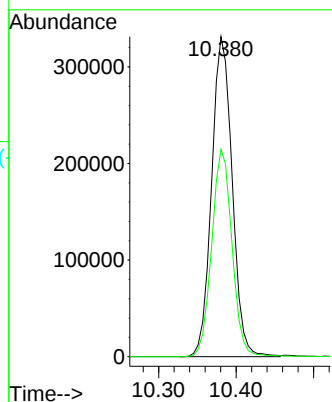
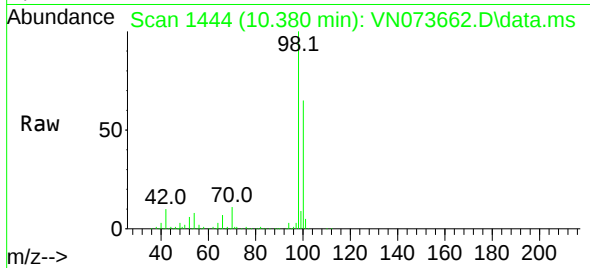




#50
Toluene-d8
Concen: 45.751 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073662.D
Acq: 01 Aug 2022 16:08

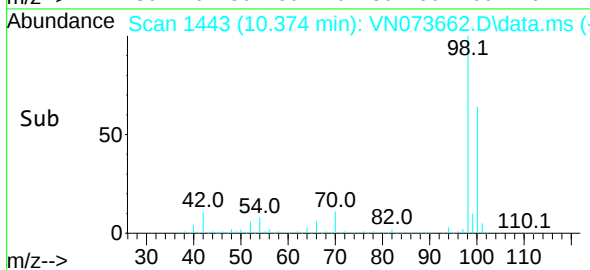
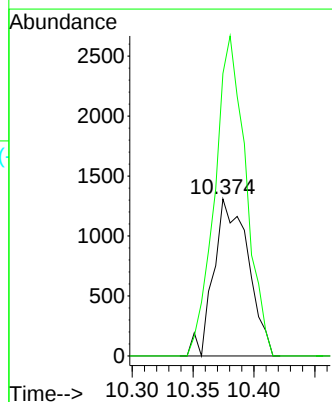
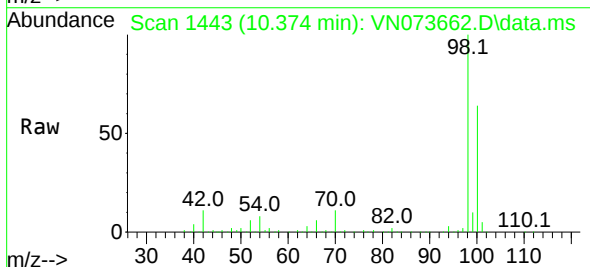
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ClientSampleId :
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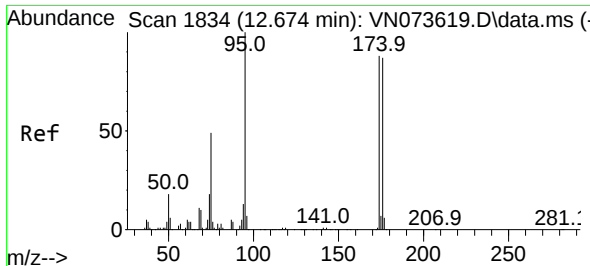
Tgt Ion: 98 Resp: 610585
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.418 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.099 min
Lab File: VN073662.D
Acq: 01 Aug 2022 16:08

Tgt Ion: 43 Resp: 2577
Ion Ratio Lower Upper
43 100
58 184.7 34.1 51.1#

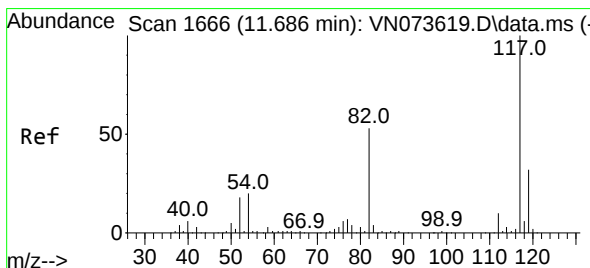
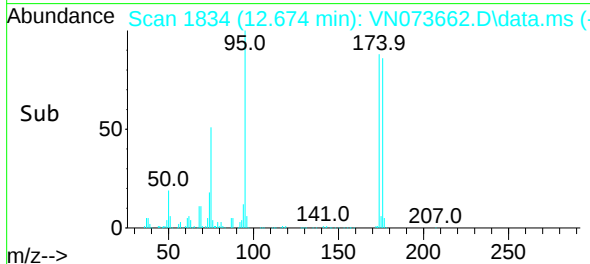
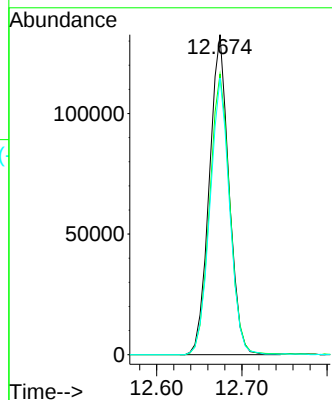
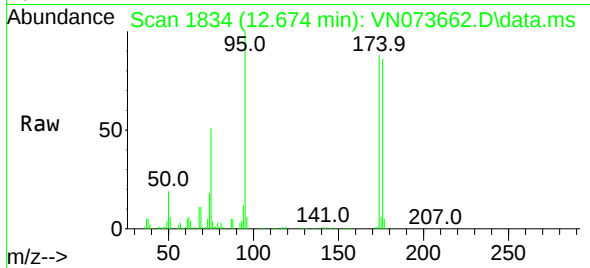




#62
4-Bromofluorobenzene
Concen: 47.973 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073662.D
Acq: 01 Aug 2022 16:08

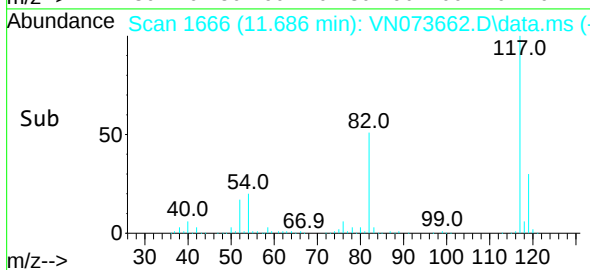
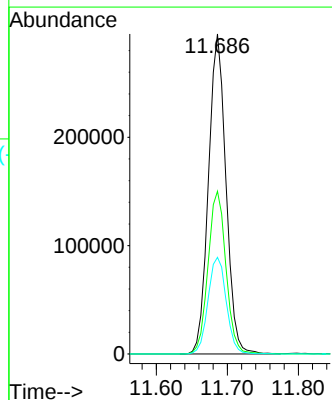
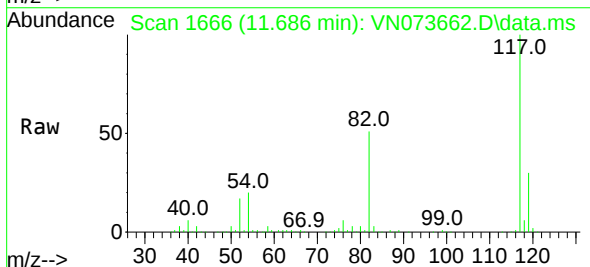
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ClientSampleId :
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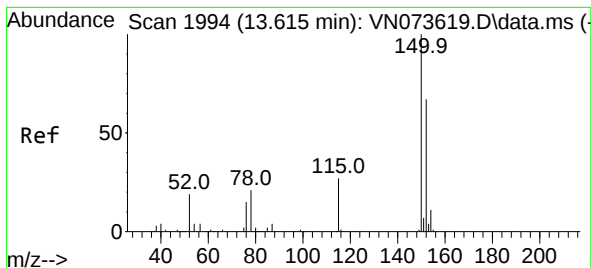
Tgt Ion: 95 Resp: 212225
Ion Ratio Lower Upper
95 100
174 89.9 0.0 167.6
176 86.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073662.D
Acq: 01 Aug 2022 16:08

Tgt Ion: 117 Resp: 505171
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.2
119 30.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN073662.D

Acq: 01 Aug 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

FIELD-BLANK

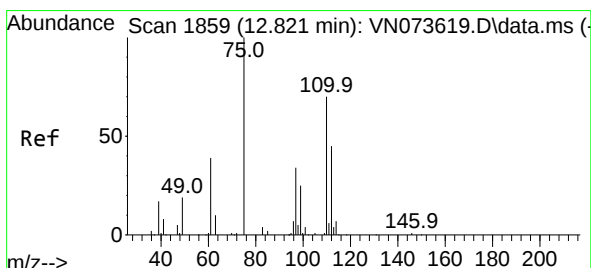
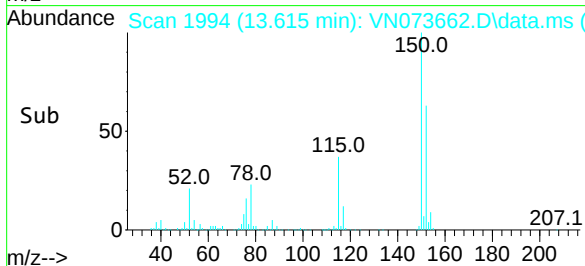
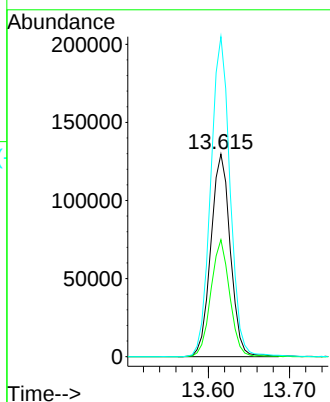
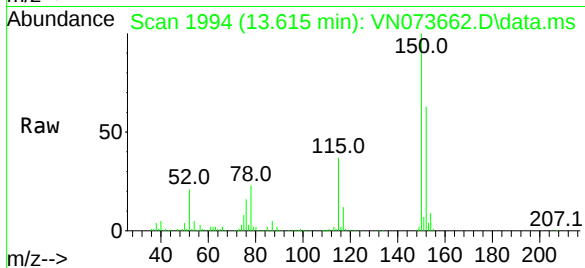
Tgt Ion:152 Resp: 216092

Ion Ratio Lower Upper

152 100

115 55.9 28.9 86.7

150 157.3 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 26.588 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.147 min

Lab File: VN073662.D

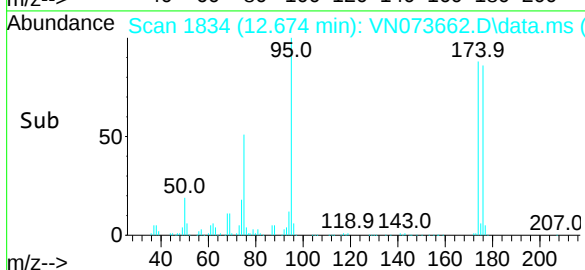
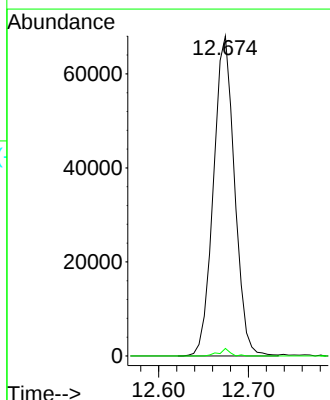
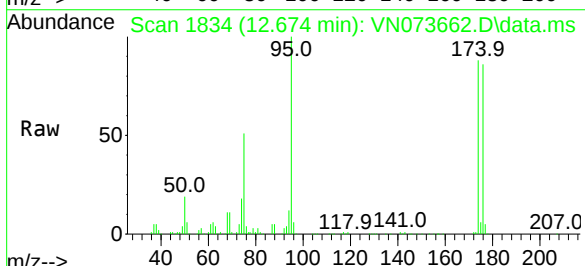
Acq: 01 Aug 2022 16:08

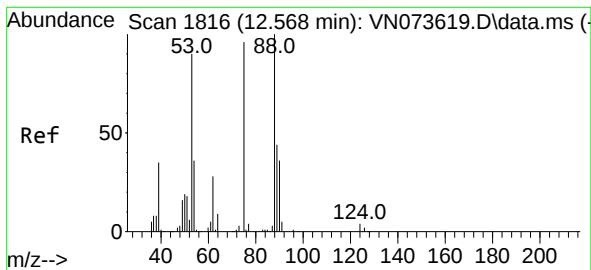
Tgt Ion: 75 Resp: 111229

Ion Ratio Lower Upper

75 100

77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.705 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073662.D
 Acq: 01 Aug 2022 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Tgt Ion: 75 Resp: 111229
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

