

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055554.D
 Acq On : 10 May 2019 16:08
 Operator : JC/SP
 Sample : K2758-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01

Quant Time: May 11 00:58:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	872471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1434521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1207404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336419	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	588314	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	
35) Dibromofluoromethane	7.59	113	460734	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
50) Toluene-d8	10.09	98	1760499	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.40	95	508500	41.82	ug/l	0.00
Spiked Amount			Recovery	=	83.64%	

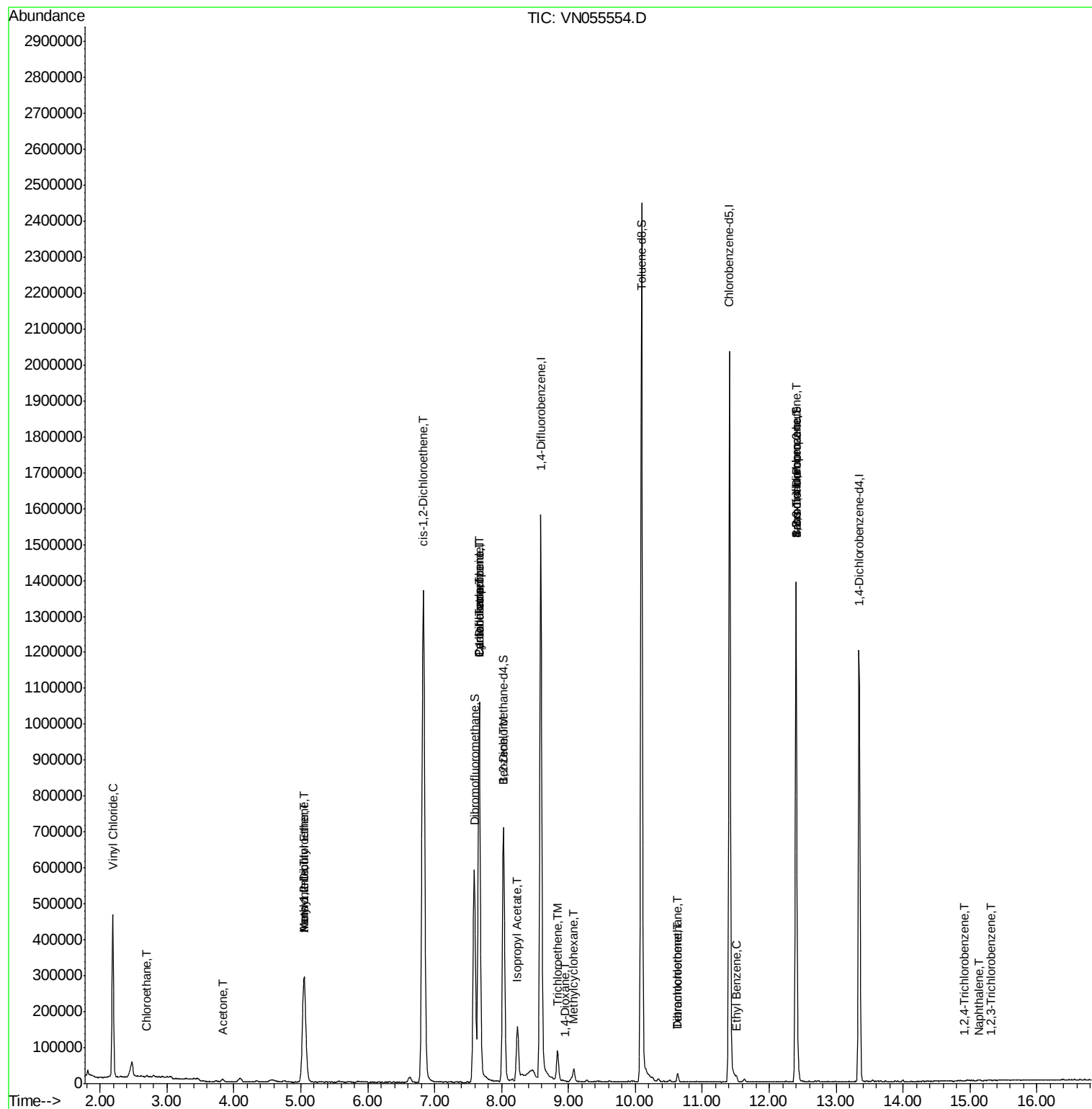
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	419431	30.790	ug/l	99
6) Chloroethane	2.70	64	3066	0.386	ug/l	99
15) Acrylonitrile	5.04	53	2657	0.442	ug/l #	36
16) Acetone	3.83	43	10615	1.745	ug/l #	87
18) Methyl Acetate	4.33	43	7064	Below Cal	#	77
19) Methyl tert-butyl Ether	5.05	73	328570	10.370	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	62231	6.019	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	907573	75.958	ug/l	90
31) Cyclohexane	7.67	56	21418	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	69874	4.944	ug/l #	51
38) Carbon Tetrachloride	7.66	117	84971	7.140	ug/l #	15
39) Methylcyclohexane	9.08	83	14692	0.853	ug/l	97
40) Benzene	8.04	78	11945	0.272	ug/l	97
43) Isopropyl Acetate	8.24	43	50504	2.156	ug/l #	30
44) Trichloroethene	8.83	130	29901	2.865	ug/l	94
49) 1,4-Dioxane	8.95	88	109	0.496	ug/l #	1
60) Dibromochloromethane	10.63	129	4350	0.471	ug/l #	11
64) Tetrachloroethene	10.63	164	5301	0.536	ug/l #	85
67) Ethyl Benzene	11.51	91	10342	0.222	ug/l	99
71) Bromoform	12.40	173	4031	0.699	ug/l #	1
73) Isopropylbenzene	12.24	105	661	Below Cal	#	41
75) 1,1,2,2-Tetrachloroethane	12.57	83	104	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	252870	27.610	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	252870	101.879	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.92	180	297	3.261	ug/l #	49
95) Naphthalene	15.14	128	488	2.970	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.31	180	97	2.440	ug/l #	13

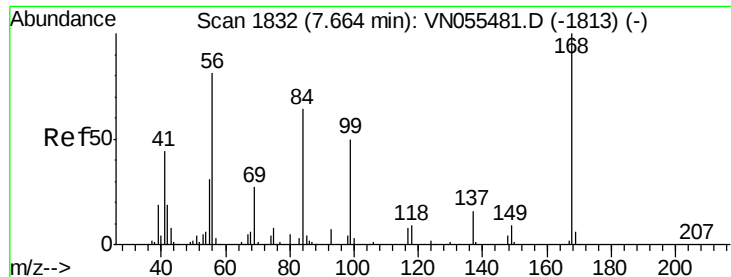
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
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QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

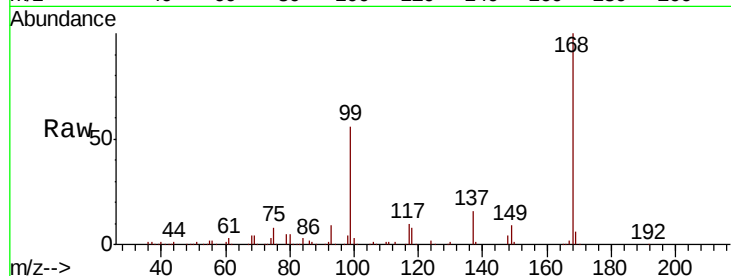
DUP-01

Tot Ion:168 Resp: 872471

Ion Ratio Lower Upper

168 100

99 56.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

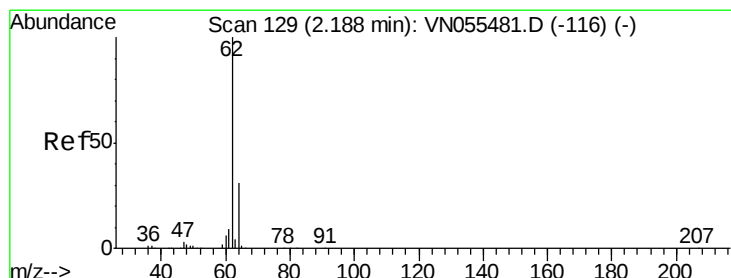
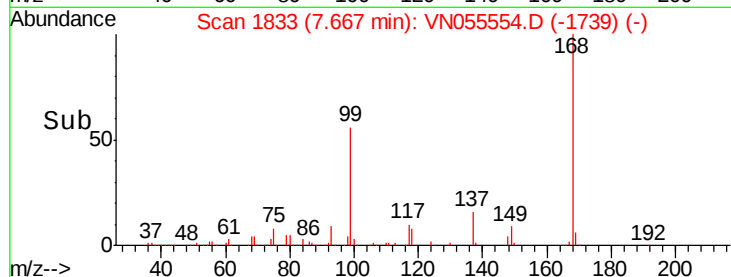
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 30.790 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055554.D

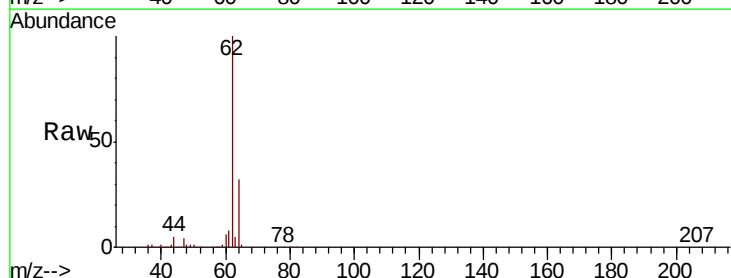
Acq: 10 May 2019 16:08

Tgt Ion: 62 Resp: 419431

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

300000

250000

200000

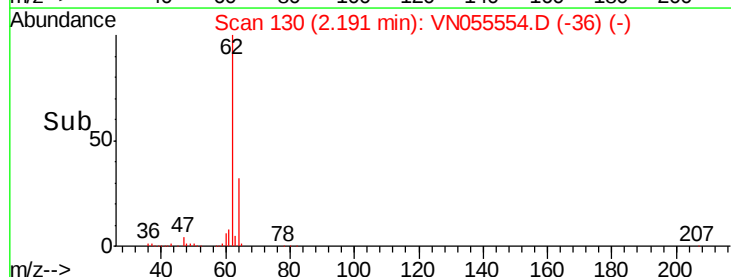
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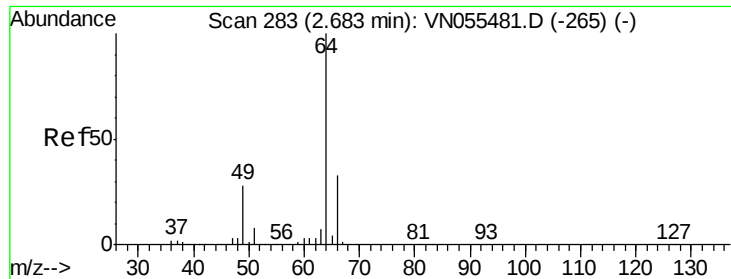
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50000

0

Time-->

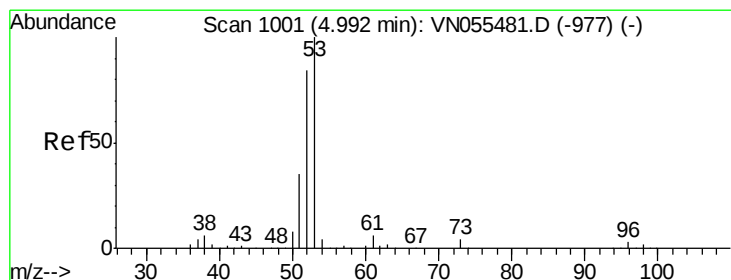
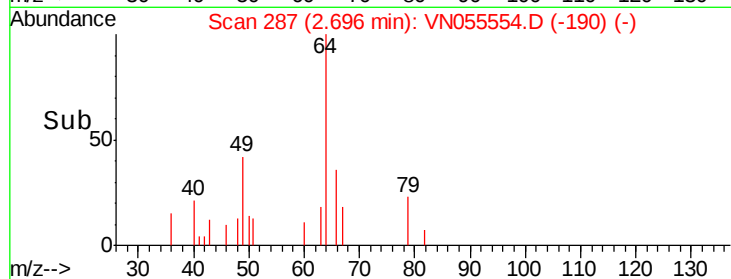
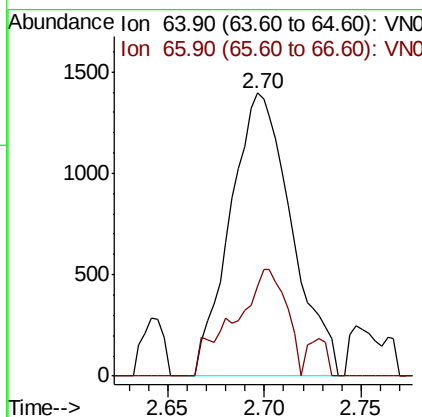
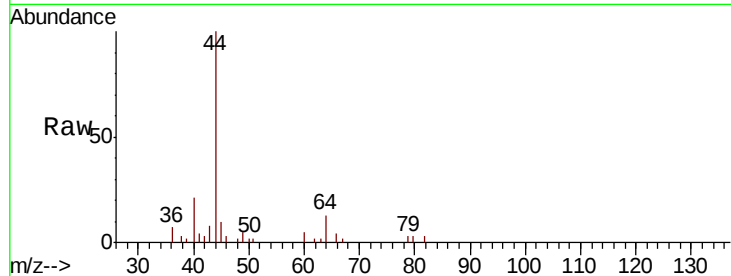




#6
 Chloroethane
 Concen: 0.386 ug/l
 RT: 2.70 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VN055554.D
 Acq: 10 May 2019 16:08

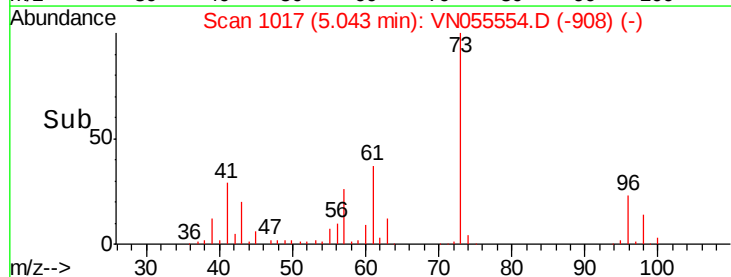
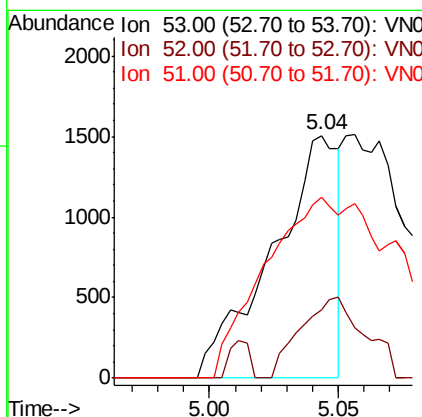
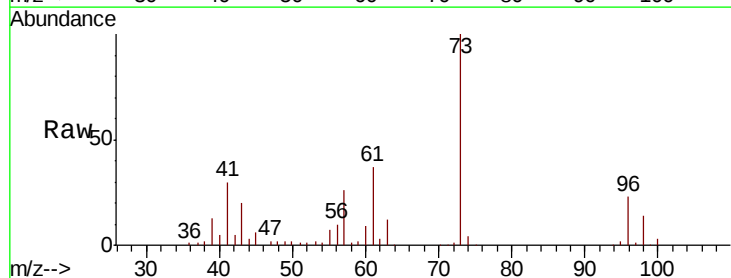
Instrument :
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 ClientSampleId :
 DUP-01

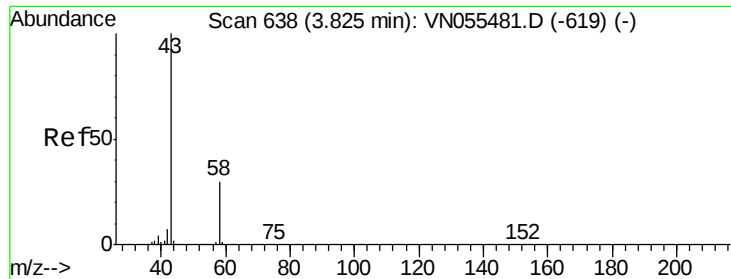
Tot Ion: 64 Resp: 3066
 Ion Ratio Lower Upper
 64 100
 66 32.0 26.2 39.2



#15
 Acrylonitrile
 Concen: 0.442 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. 0.05 min
 Lab File: VN055554.D
 Acq: 10 May 2019 16:08

Tgt Ion: 53 Resp: 2657
 Ion Ratio Lower Upper
 53 100
 52 32.4 66.1 99.1#
 51 83.1 28.3 42.5#





#16

Acetone

Concen: 1.745 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

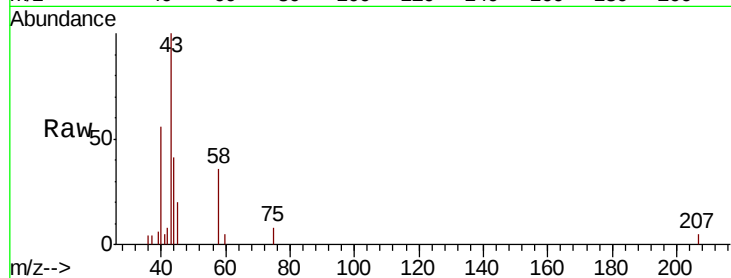
DUP-01

Tot Ion: 43 Resp: 10615

Ion Ratio Lower Upper

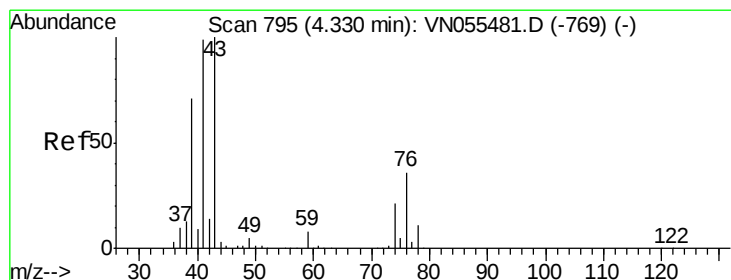
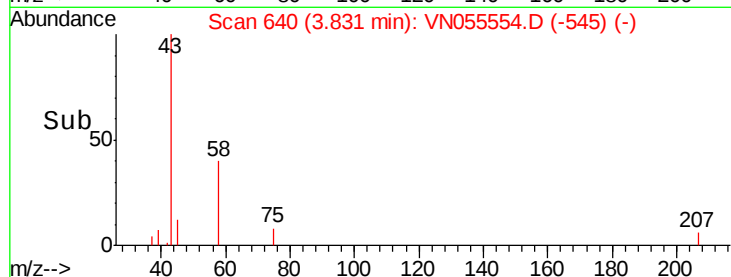
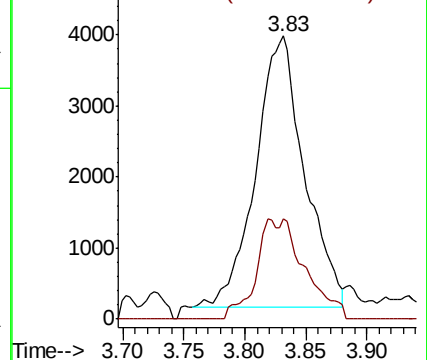
43 100

58 37.2 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN055554.D

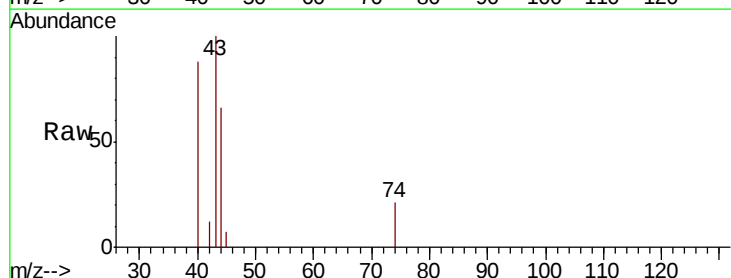
Acq: 10 May 2019 16:08

Tgt Ion: 43 Resp: 7064

Ion Ratio Lower Upper

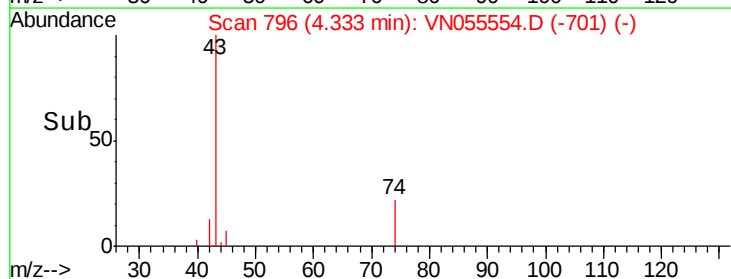
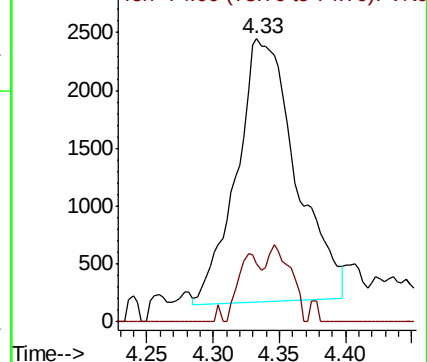
43 100

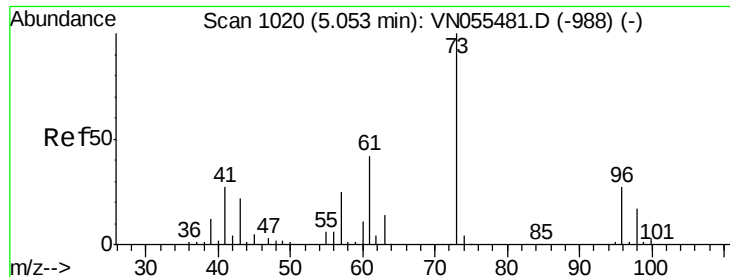
74 9.6 16.3 24.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

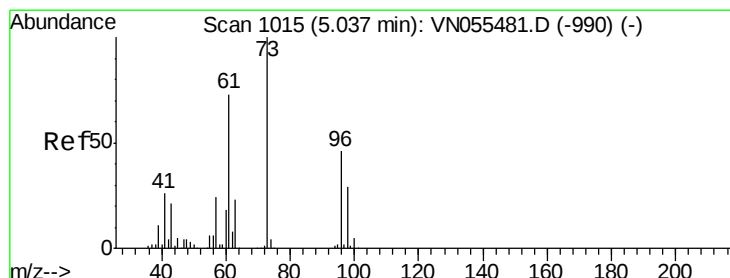
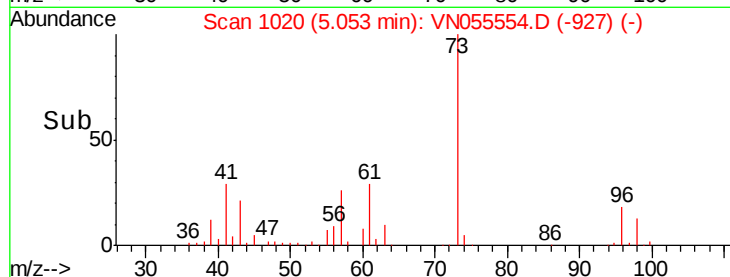
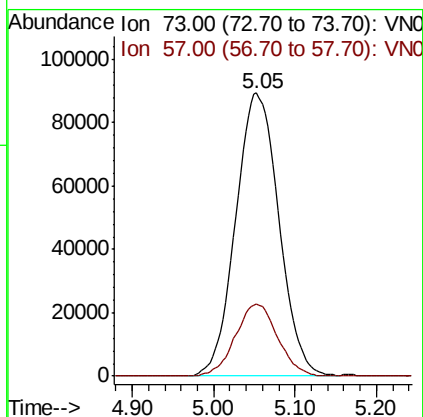
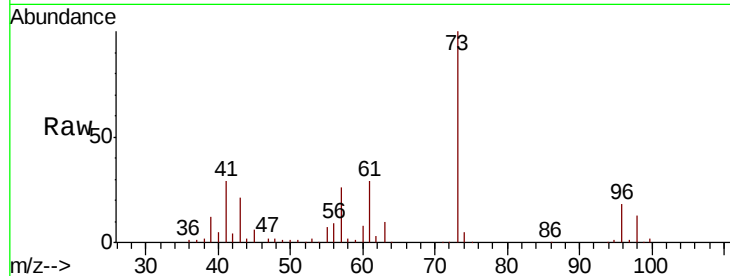




#19
Methvl tert-butvl Ether
Concen: 10.370 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN055554.D
Acq: 10 May 2019 16:08

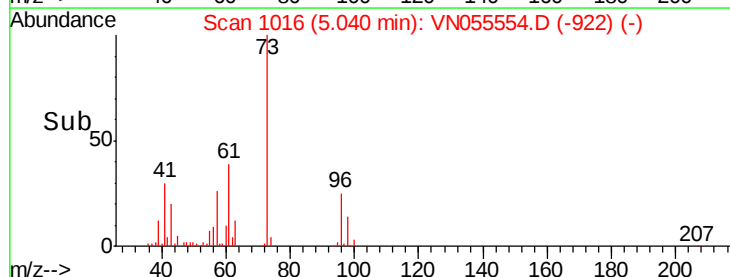
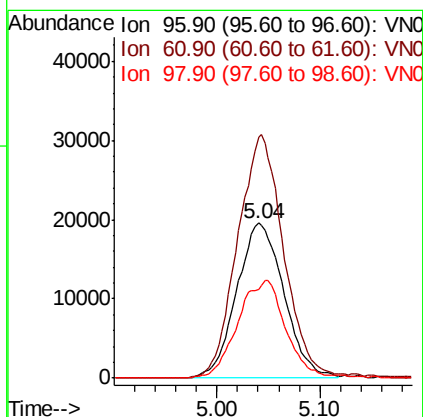
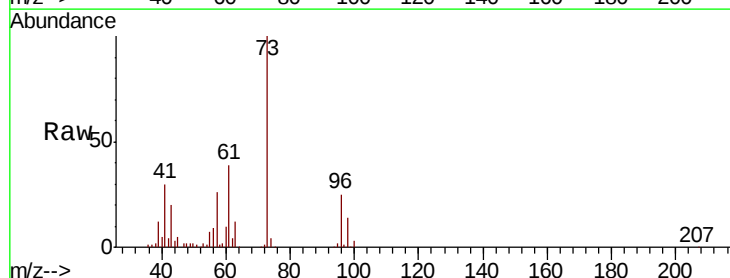
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

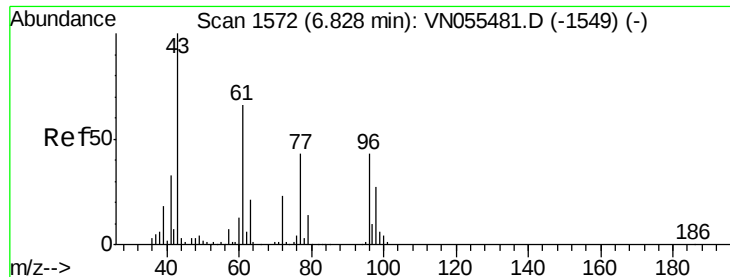
Tot Ion: 73 Resp: 328570
Ion Ratio Lower Upper
73 100
57 25.6 20.0 30.0



#21
trans-1,2-Dichloroethene
Concen: 6.019 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN055554.D
Acq: 10 May 2019 16:08

Tgt Ion: 96 Resp: 62231
Ion Ratio Lower Upper
96 100
61 155.4 127.4 191.0
98 57.3 51.6 77.4





#27

cis-1,2-Dichloroethene

Concen: 75.958 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

DUP-01

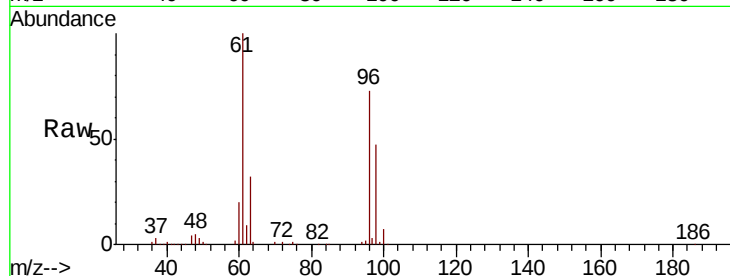
Tot Ion: 96 Resp: 907573

Ion Ratio Lower Upper

96 100

61 137.7 0.0 310.8

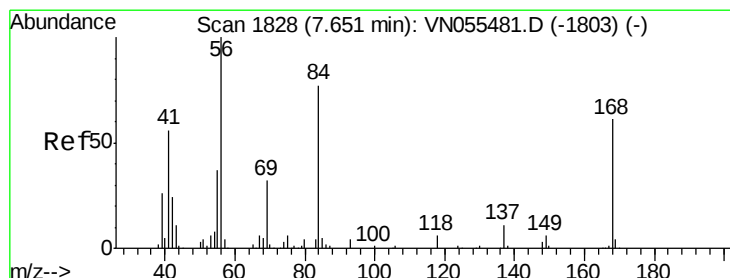
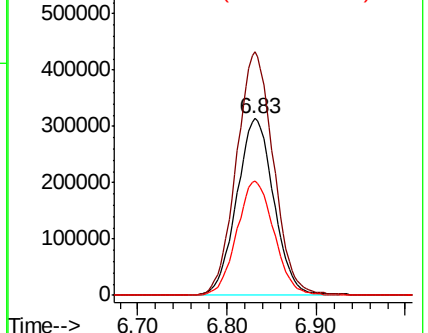
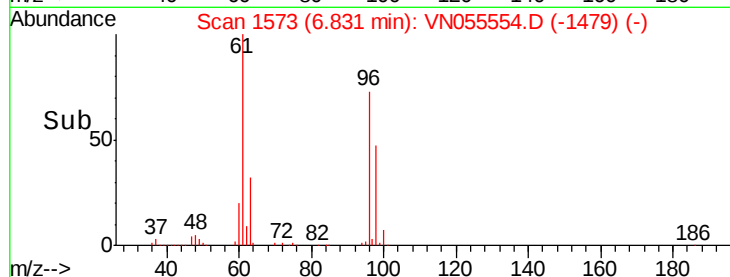
98 65.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#31

Cyclohexane

Concen: 1.010 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

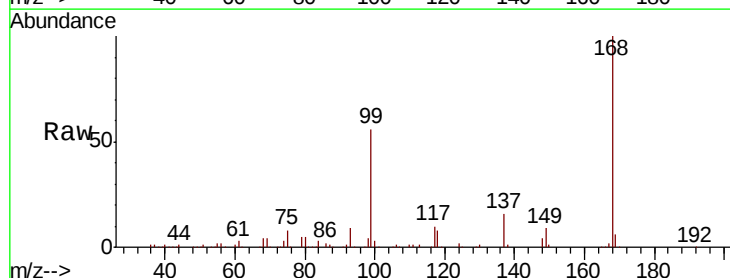
Tgt Ion: 56 Resp: 21418

Ion Ratio Lower Upper

56 100

69 160.4 26.0 39.0#

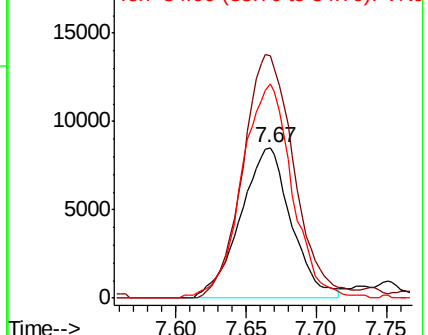
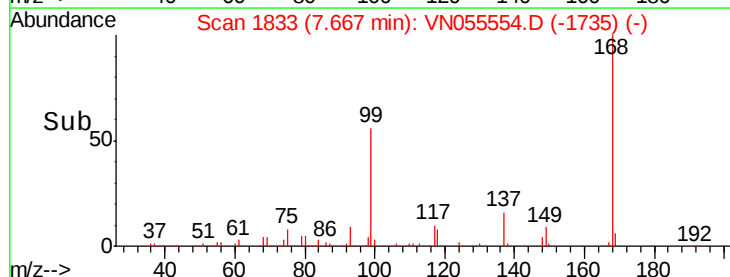
84 140.2 61.9 92.9#

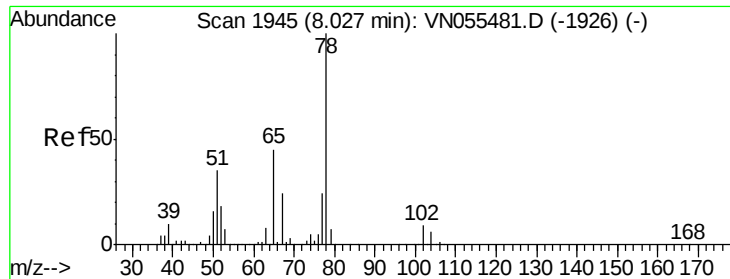


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 44.785 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

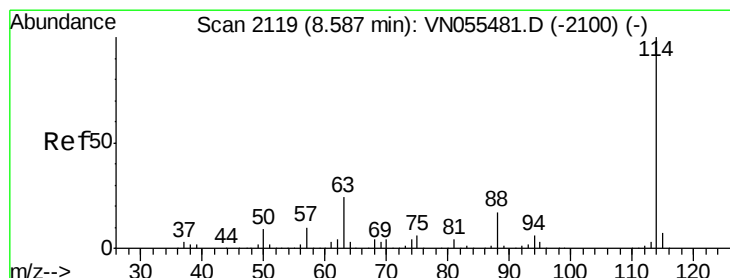
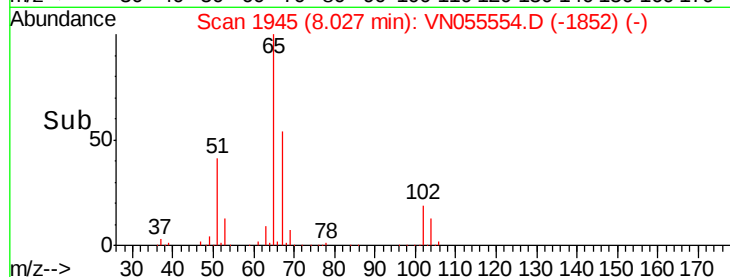
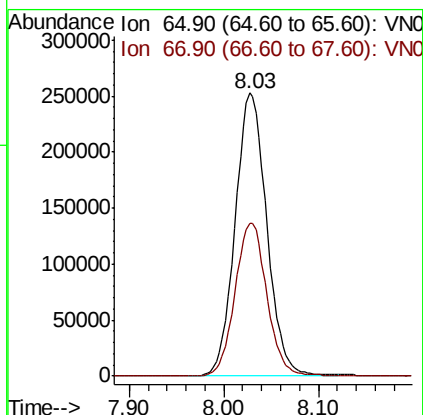
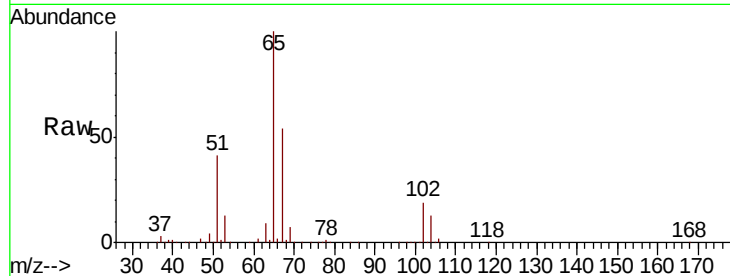
DUP-01

Tot Ion: 65 Resp: 588314

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

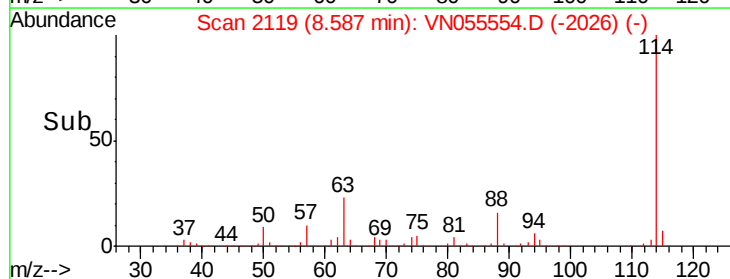
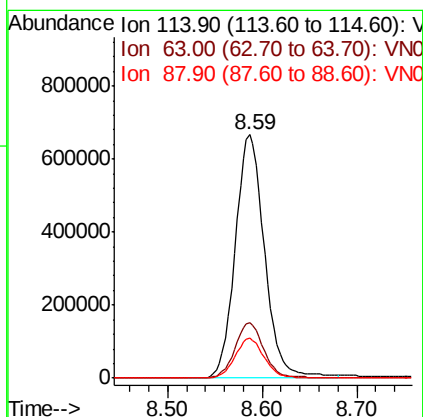
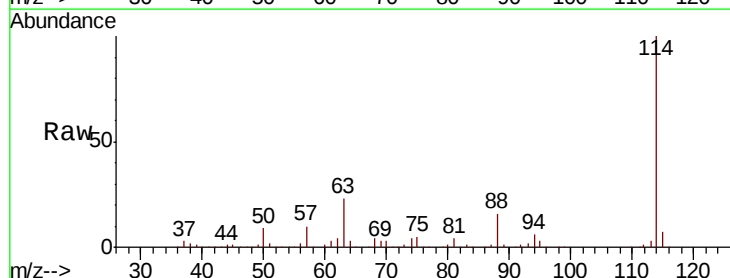
Tgt Ion: 114 Resp: 1434521

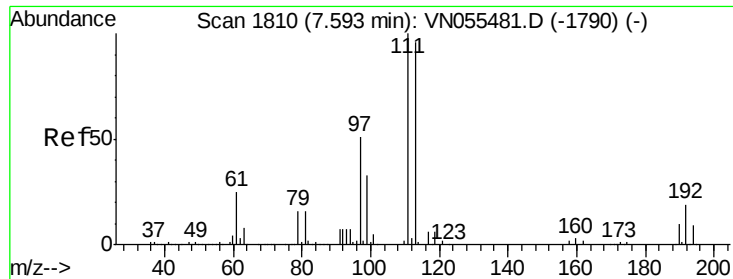
Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

88 16.5 0.0 34.0

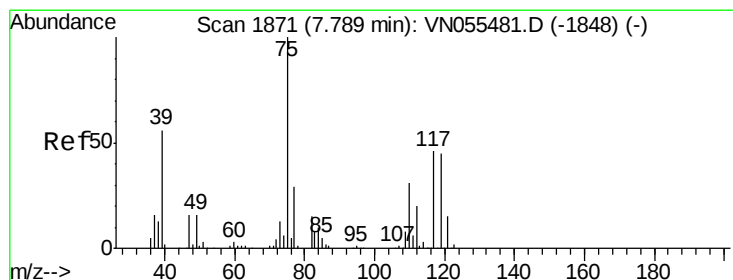
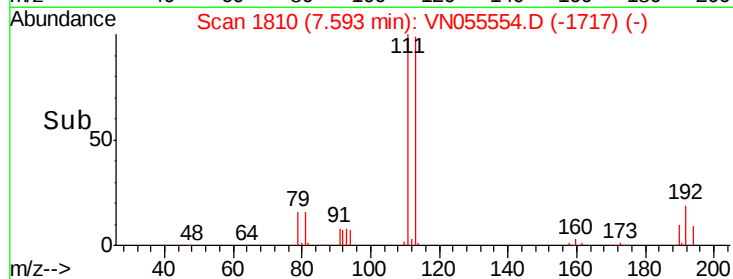
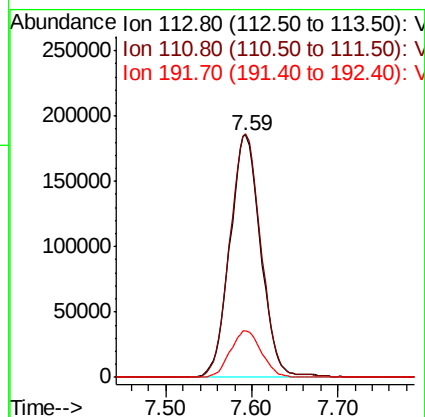
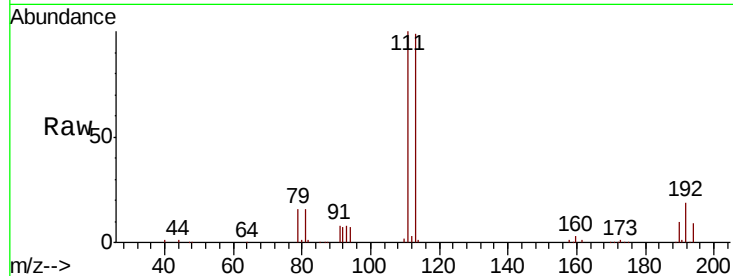




#35
 Dibromofluoromethane
 Concen: 49.789 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055554.D
 Acq: 10 May 2019 16:08

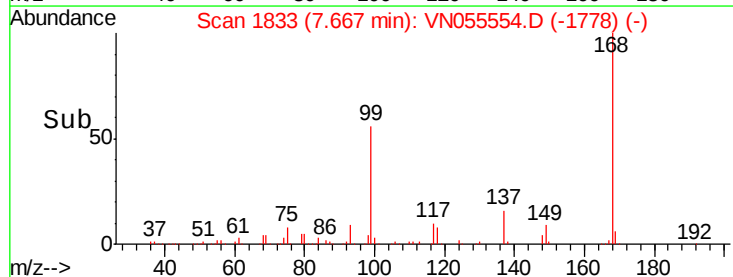
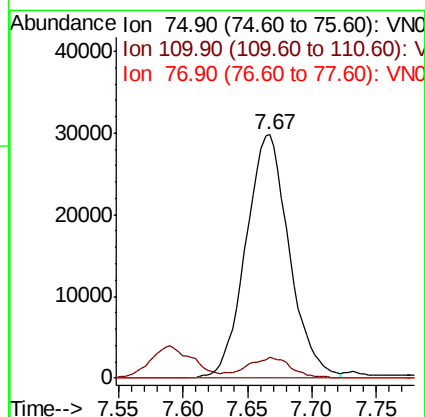
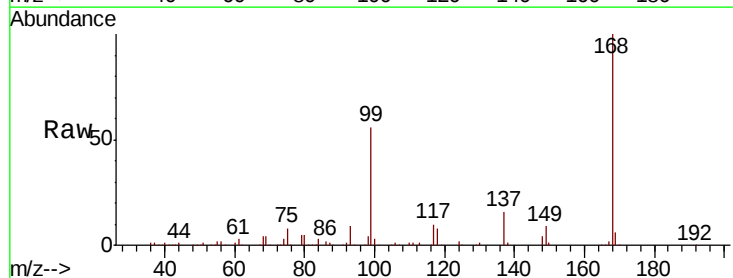
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 MSVOA_N
 ClientSampleId :
 DUP-01

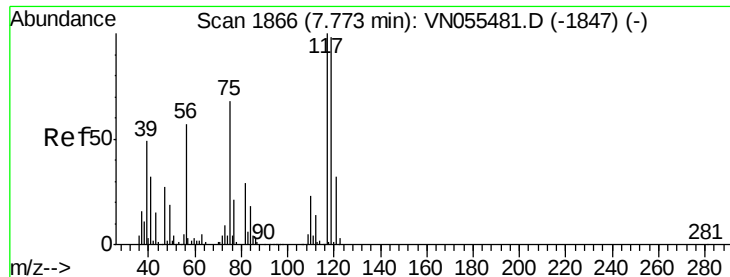
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.9	124.3
192	19.4	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 4.944 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN055554.D
 Acq: 10 May 2019 16:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.1	48.3#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 7.140 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

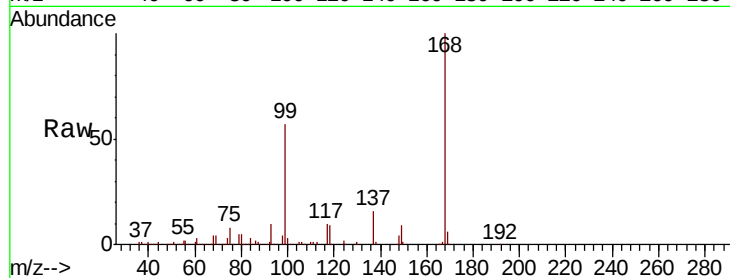
Tot Ion:117 Resp: 84971

Ion Ratio Lower Upper

117 100

119 5.0 77.8 116.6#

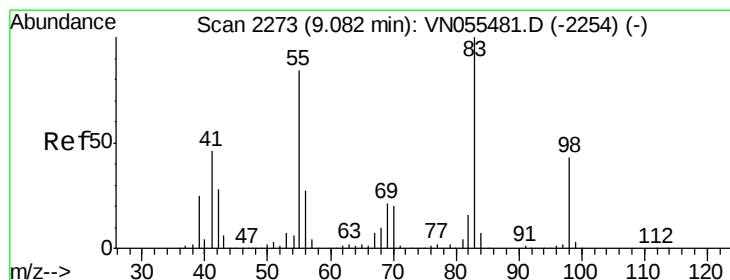
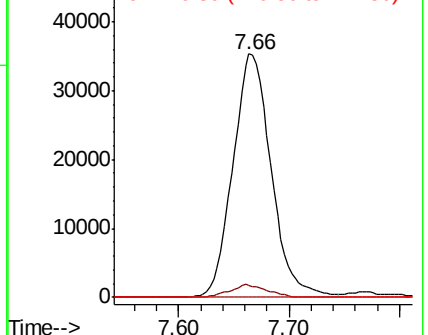
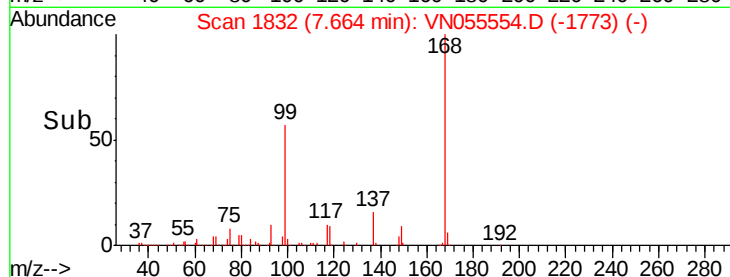
121 0.0 25.2 37.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.853 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

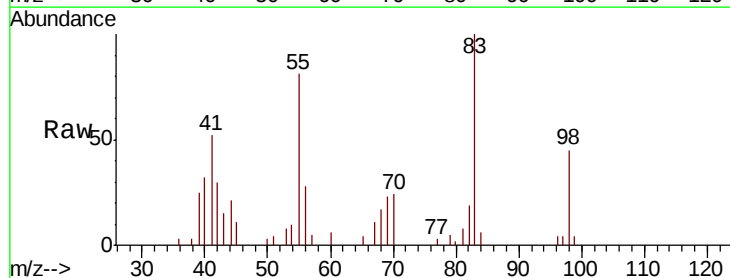
Tgt Ion: 83 Resp: 14692

Ion Ratio Lower Upper

83 100

55 80.9 67.0 100.4

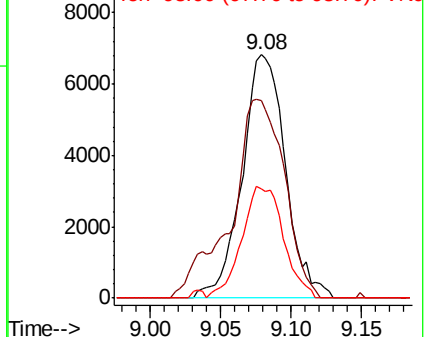
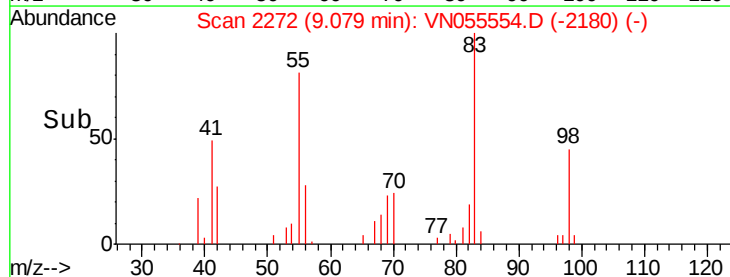
98 44.7 34.2 51.4

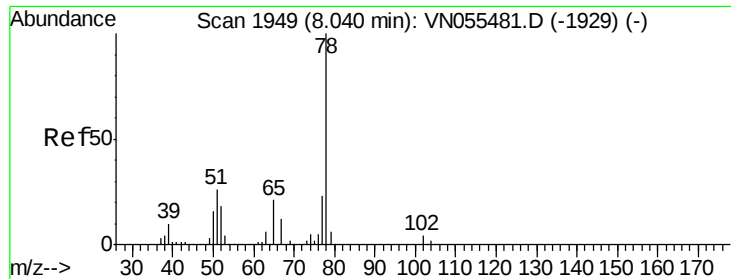


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 0.272 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

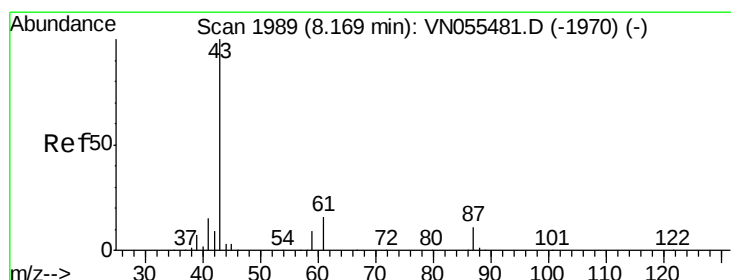
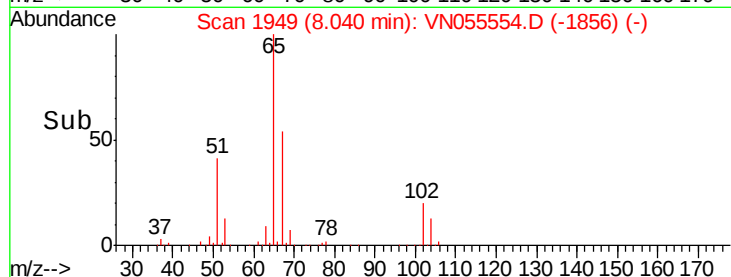
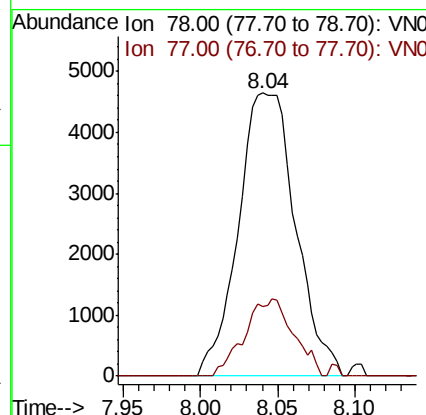
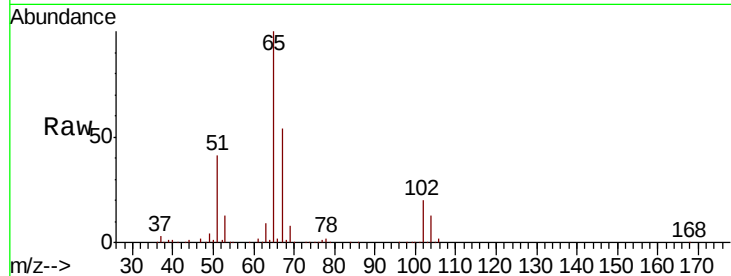
DUP-01

Tot Ion: 78 Resp: 11945

Ion Ratio Lower Upper

78 100

77 24.8 18.6 27.8



#43

Isopropyl Acetate

Concen: 2.156 ug/l

RT: 8.24 min Scan# 2010

Delta R.T. 0.07 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

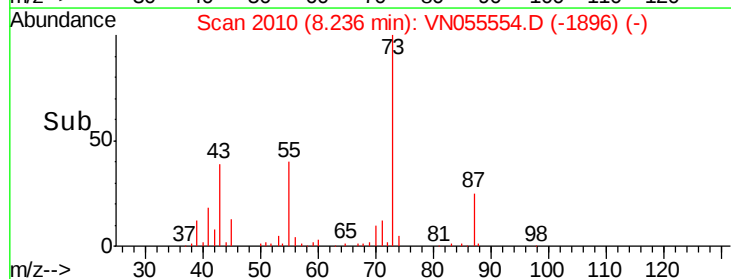
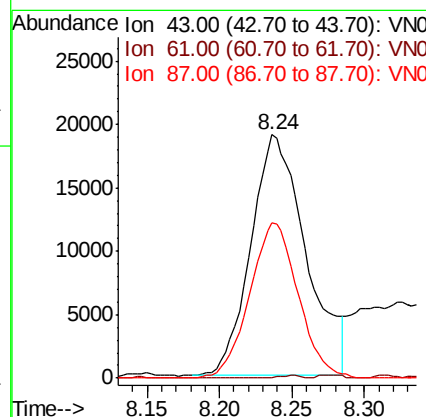
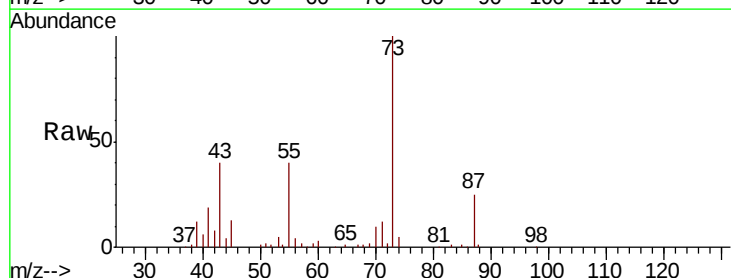
Tgt Ion: 43 Resp: 50504

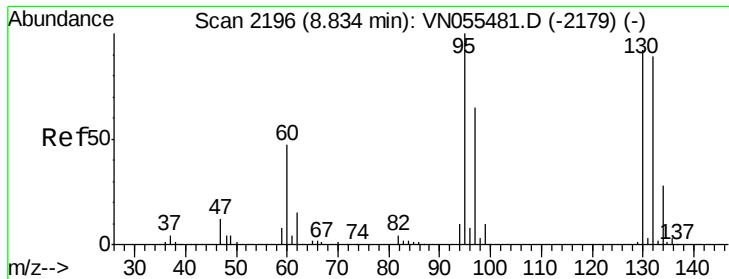
Ion Ratio Lower Upper

43 100

61 0.0 15.1 22.7#

87 56.4 9.0 13.6#





#44

Trichloroethene

Concen: 2.865 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

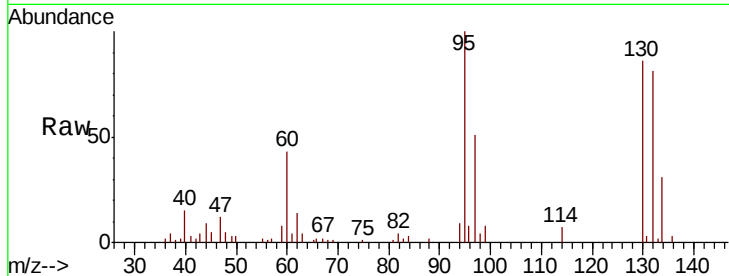
DUP-01

Tot Ion:130 Resp: 29901

Ion Ratio Lower Upper

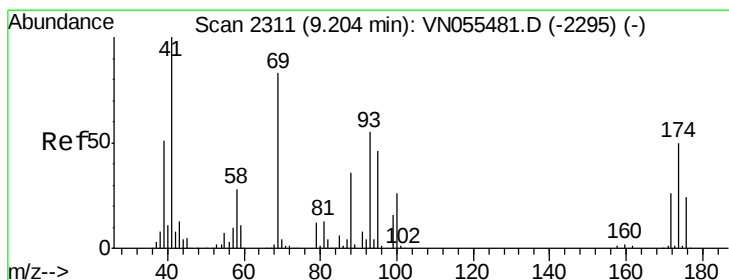
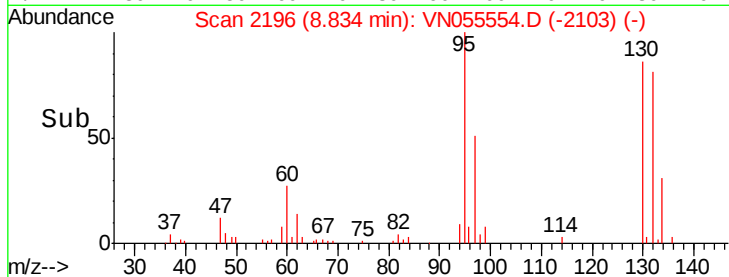
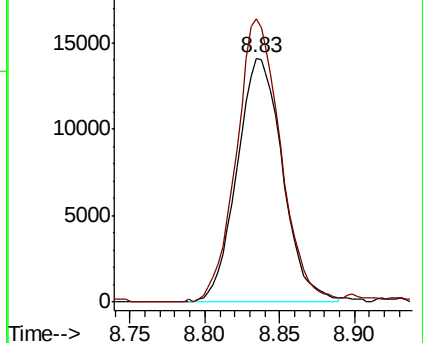
130 100

95 114.9 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#49

1,4-Dioxane

Concen: 0.496 ug/l

RT: 8.95 min Scan# 2232

Delta R.T. -0.25 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

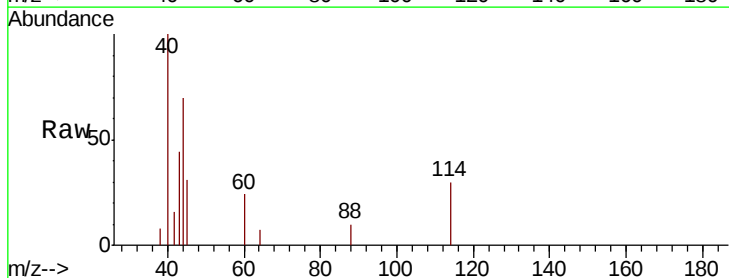
Tgt Ion: 88 Resp: 109

Ion Ratio Lower Upper

88 100

43 114.7 27.8 41.8#

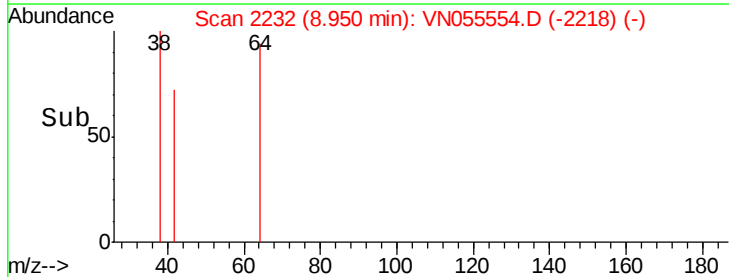
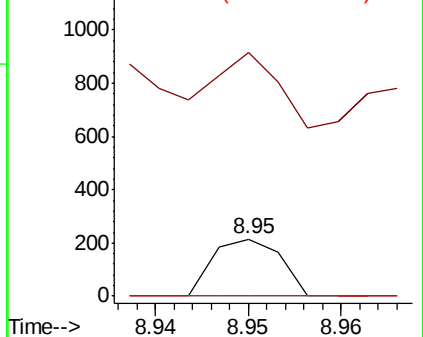
58 0.0 61.8 92.6#

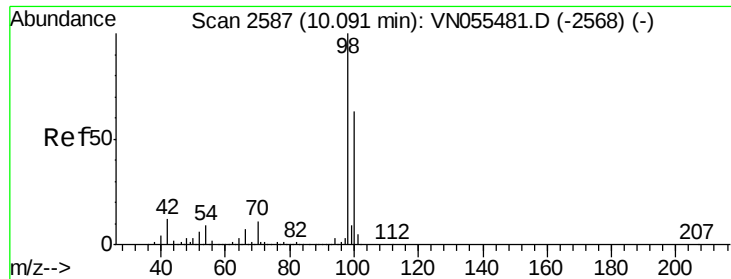


Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#50

Toluene-d8

Concen: 48.820 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

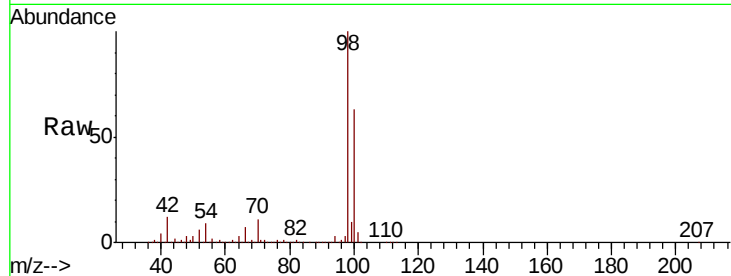
DUP-01

Tot Ion: 98 Resp: 1760499

Ion Ratio Lower Upper

98 100

100 62.6 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055554.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055554.D (-2494) (-)

10.09

800000

600000

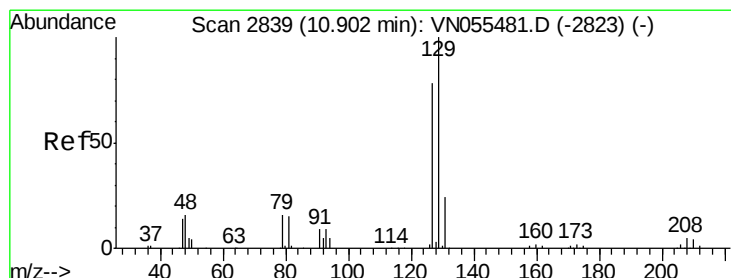
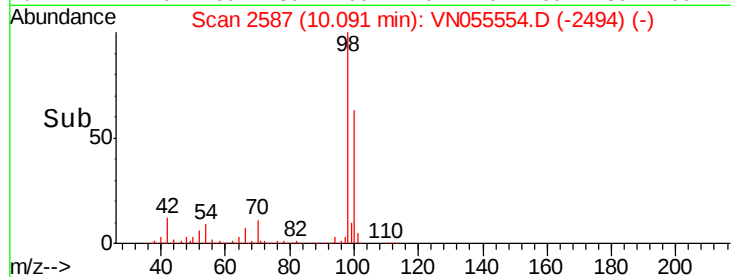
400000

200000

0

Time-->

10.00 10.20 10.40



#60

Dibromochloromethane

Concen: 0.471 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN055554.D

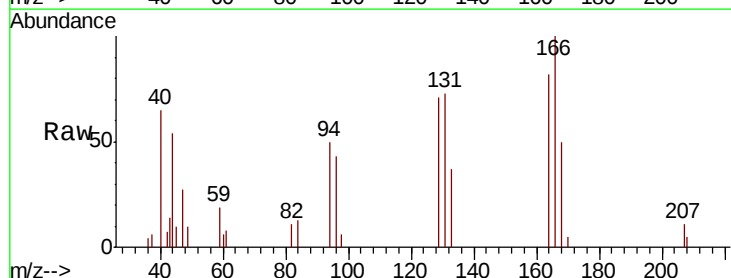
Acq: 10 May 2019 16:08

Tgt Ion: 129 Resp: 4350

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): VN055554.D (-2746) (-)

Ion 126.80 (126.50 to 127.50): VN055554.D (-2746) (-)

10.63

2500

2000

1500

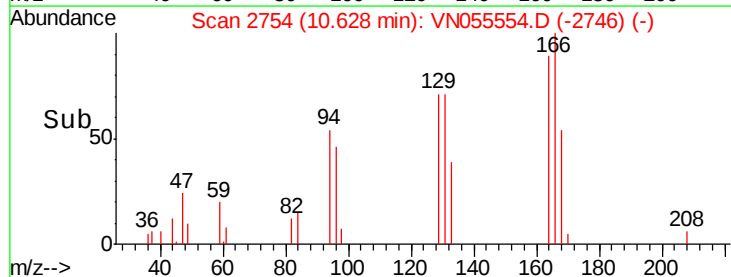
1000

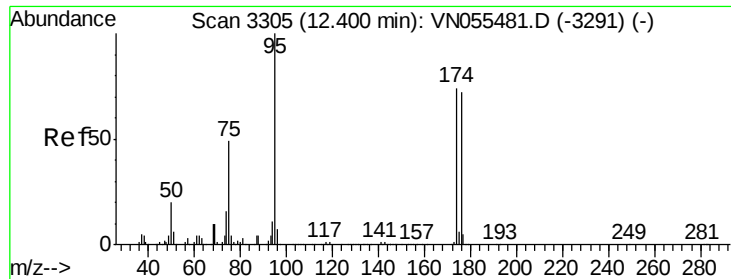
500

0

Time-->

10.60 10.65





#62

4-Bromofluorobenzene

Concen: 41.820 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

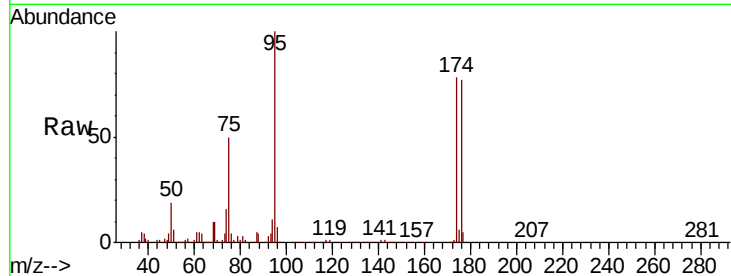
Tot Ion: 95 Resp: 508500

Ion Ratio Lower Upper

95 100

174 77.9 0.0 152.2

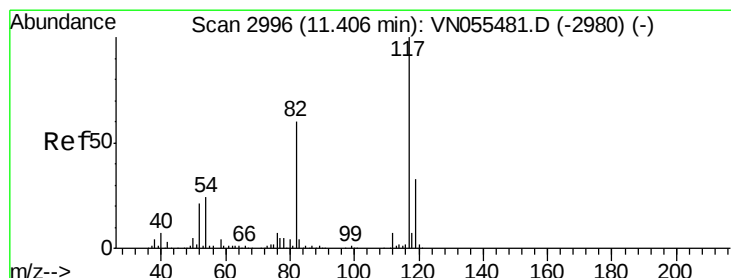
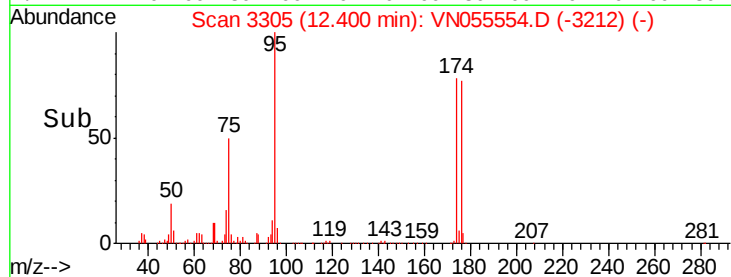
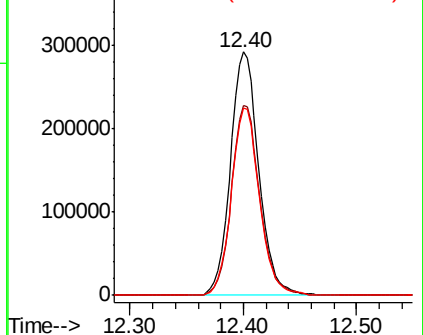
176 76.3 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

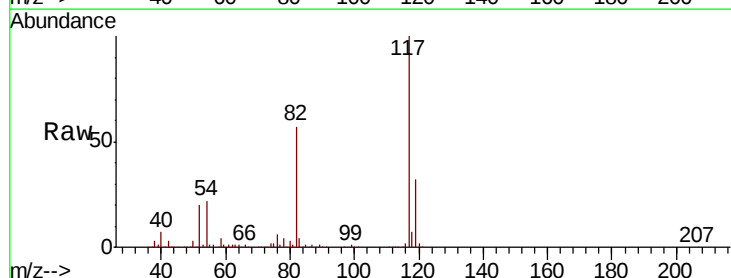
Tgt Ion: 117 Resp: 1207404

Ion Ratio Lower Upper

117 100

82 57.1 48.0 72.0

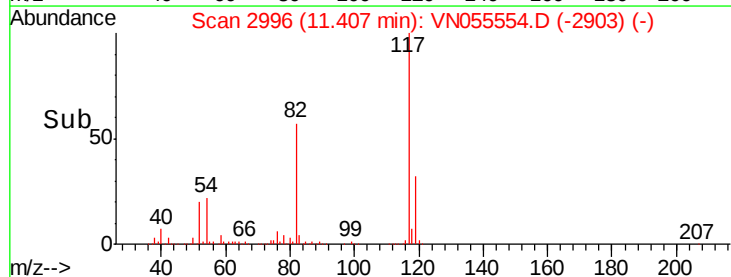
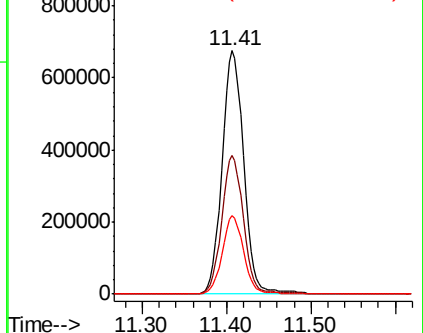
119 32.3 26.0 39.0

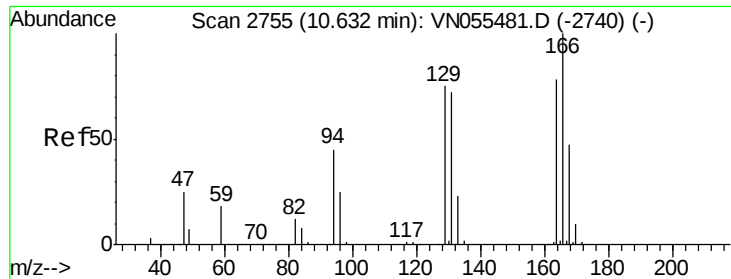


Abundance Ion 116.90 (116.60 to 117.60): VN055481.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055481.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055481.D (-2980) (-)





#64

Tetrachloroethene

Concen: 0.536 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

Tot Ion:164 Resp: 5301

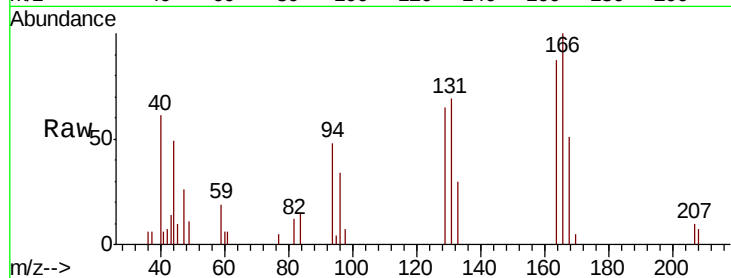
Ion Ratio Lower Upper

164 100

166 115.4 102.6 153.8

129 74.4 77.0 115.6#

131 79.5 73.7 110.5

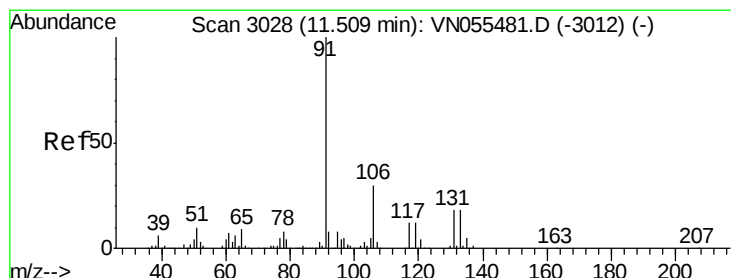
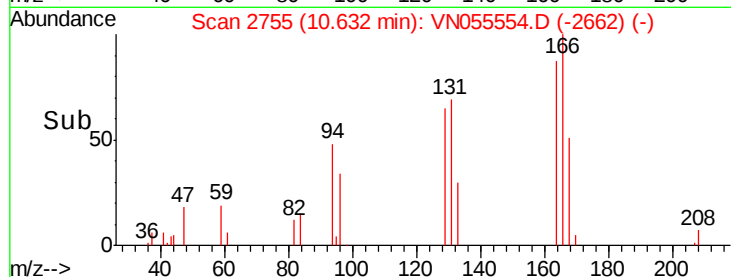
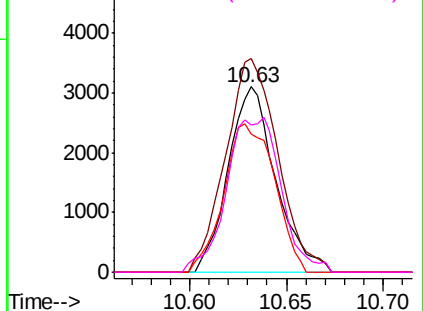


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 0.222 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055554.D

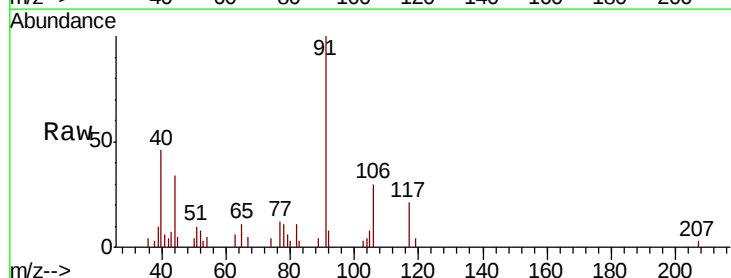
Acq: 10 May 2019 16:08

Tgt Ion: 91 Resp: 10342

Ion Ratio Lower Upper

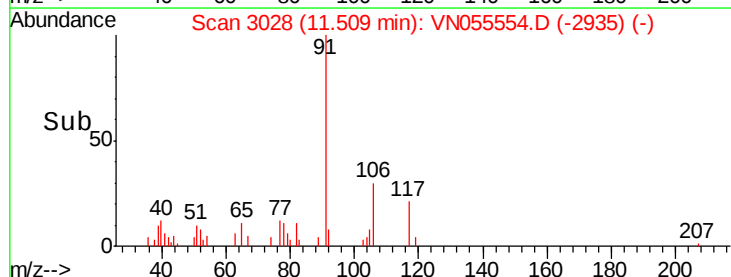
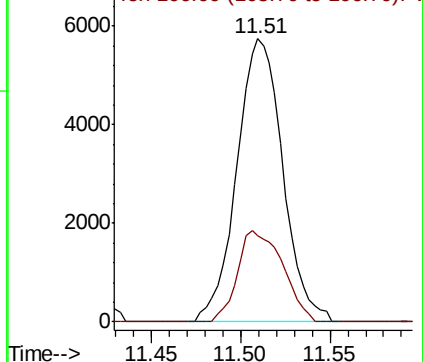
91 100

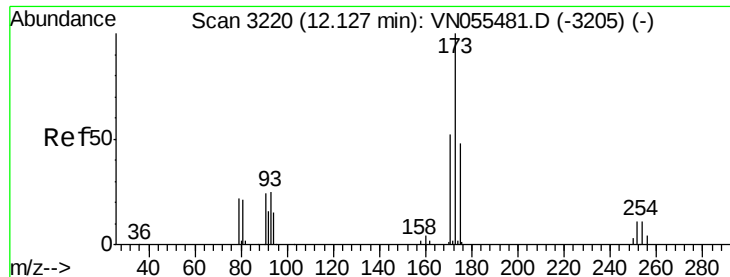
106 30.3 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#71

Bromoform

Concen: 0.699 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

DUP-01

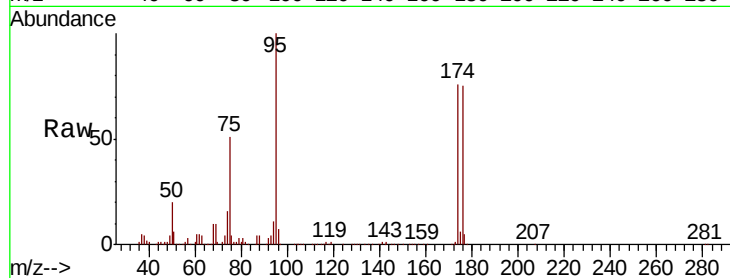
Tot Ion:173 Resp: 4031

Ion Ratio Lower Upper

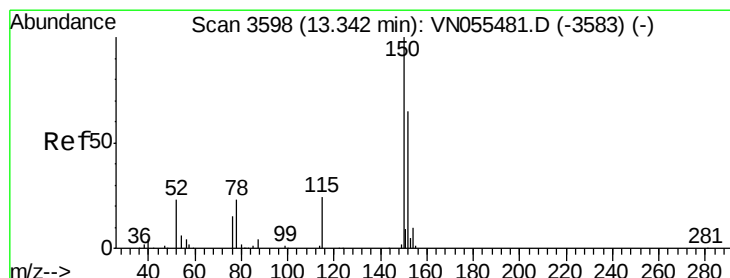
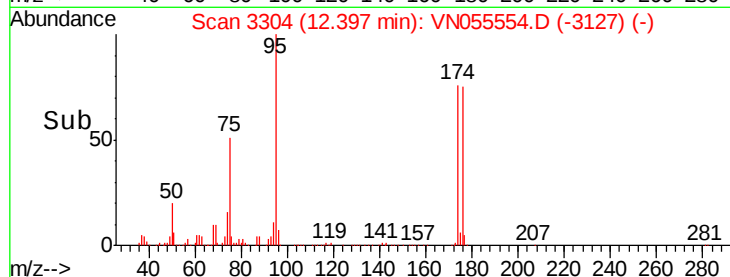
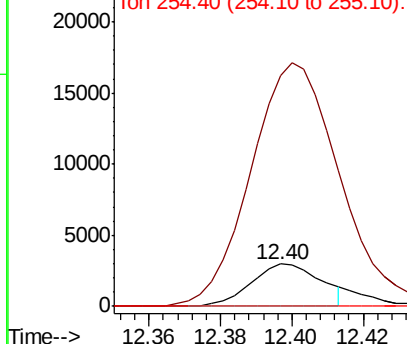
173 100

175 633.8 24.1 72.4#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

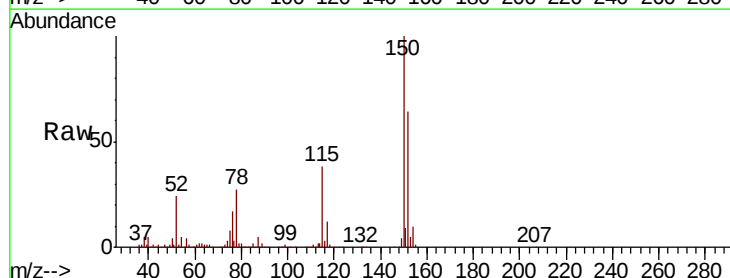
Tgt Ion:152 Resp: 336419

Ion Ratio Lower Upper

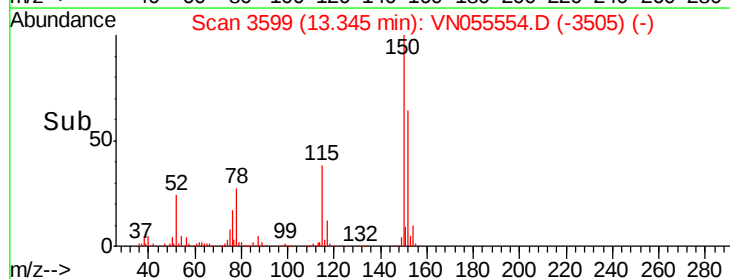
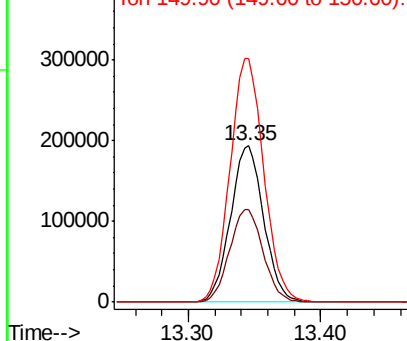
152 100

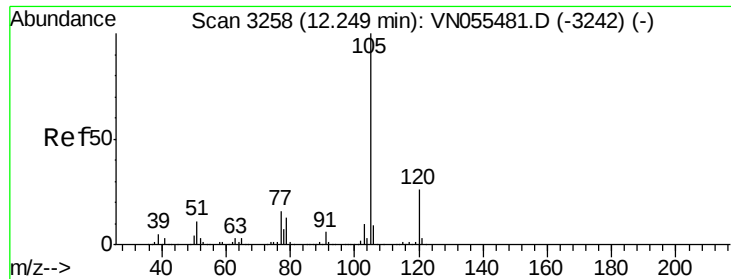
115 59.9 30.1 90.5

150 158.4 0.0 355.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

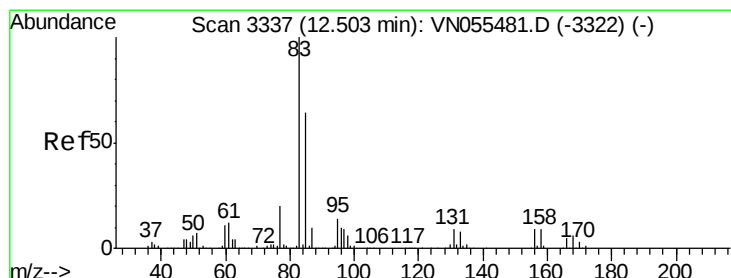
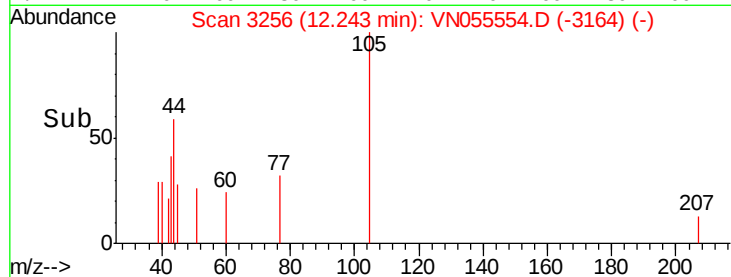
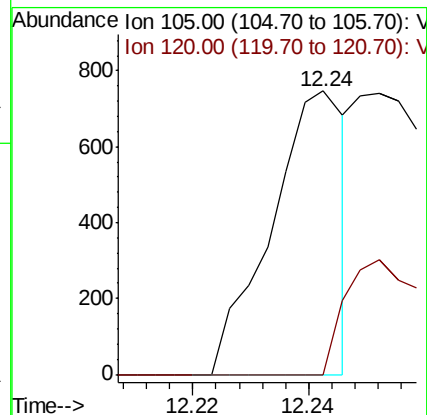
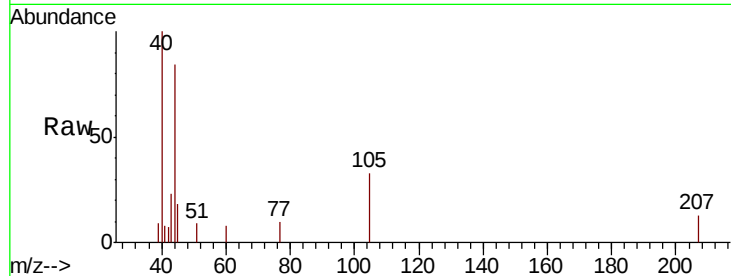
DUP-01

Tot Ion: 105 Resp: 661

Ion Ratio Lower Upper

105 100

120 56.3 13.0 39.0#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.57 min Scan# 3357

Delta R.T. 0.07 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

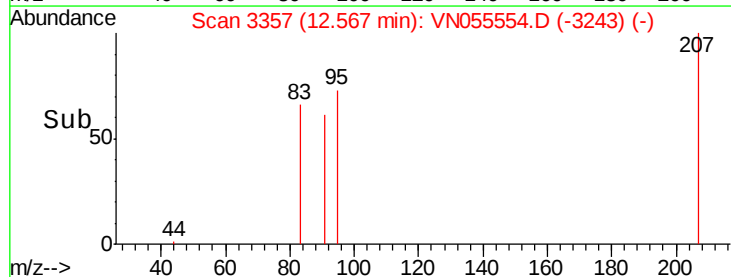
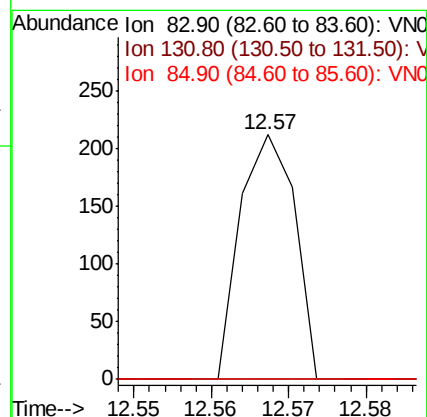
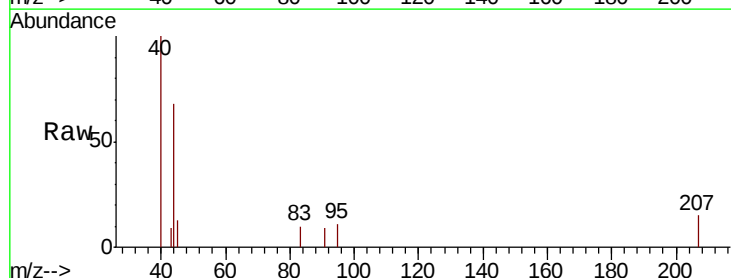
Tgt Ion: 83 Resp: 104

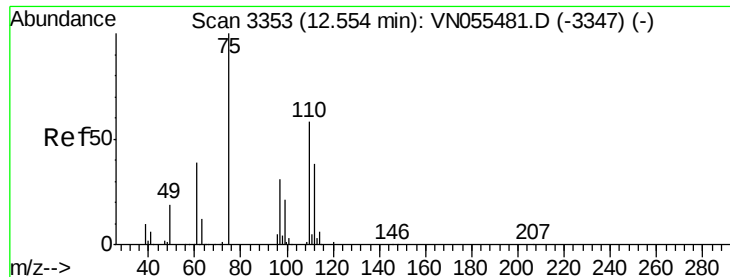
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 0.0 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 27.610 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

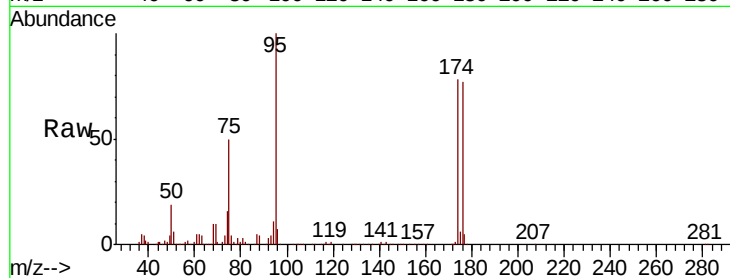
DUP-01

Tot Ion: 75 Resp: 252870

Ion Ratio Lower Upper

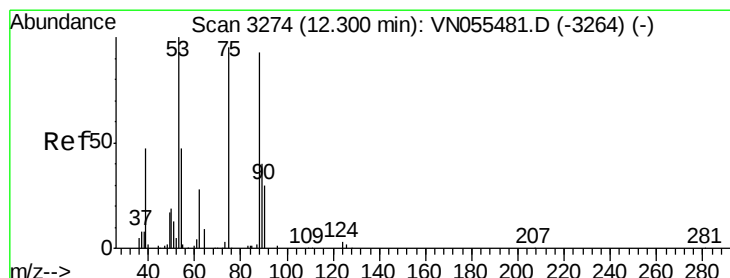
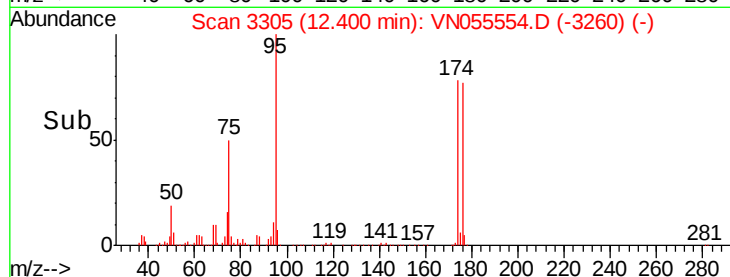
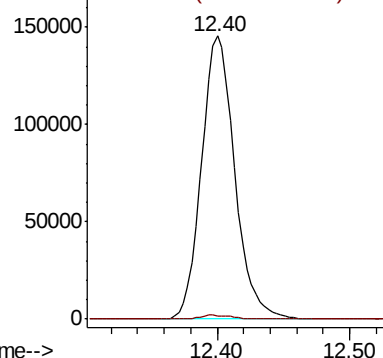
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 101.879 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

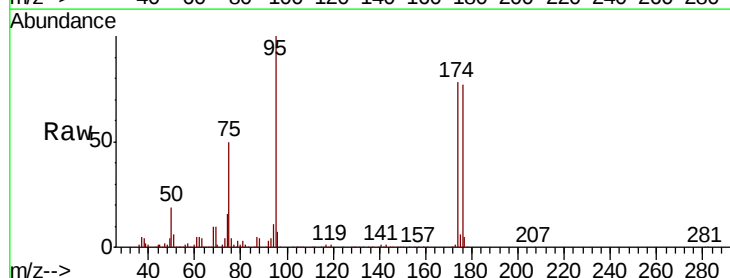
Tgt Ion: 75 Resp: 252870

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

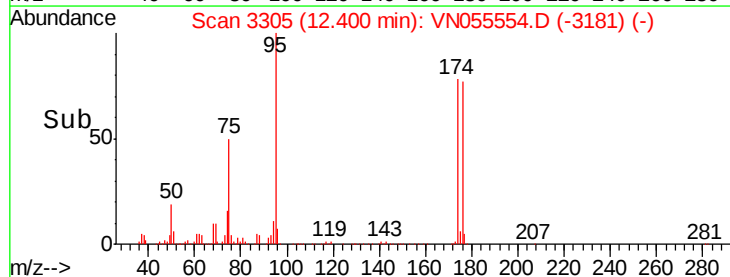
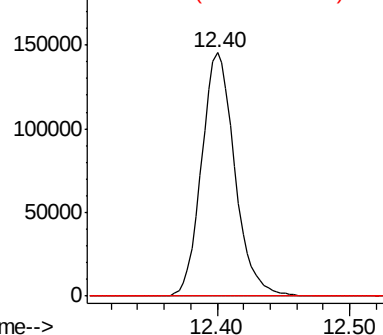
89 0.0 35.7 53.5#

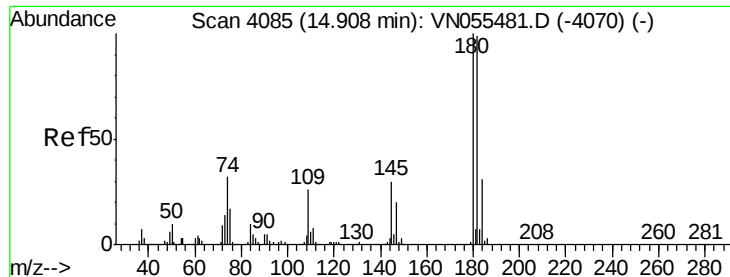


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#93

1,2,4-Trichlorobenzene

Concen: 3.261 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

DUP-01

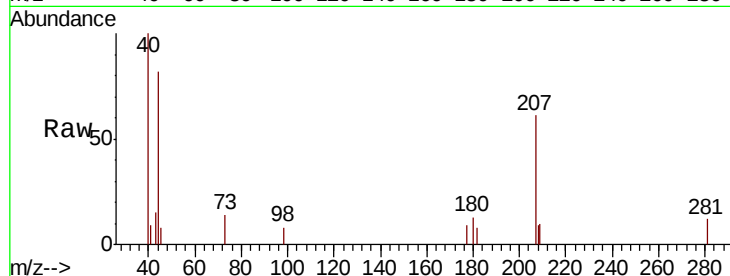
Tot Ion:180 Resp: 297

Ion Ratio Lower Upper

180 100

182 48.1 48.7 146.1#

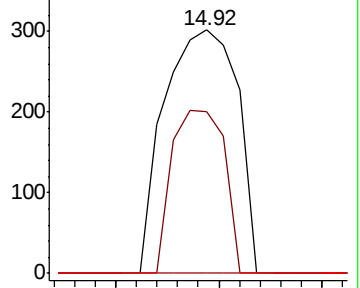
145 0.0 15.3 45.9#



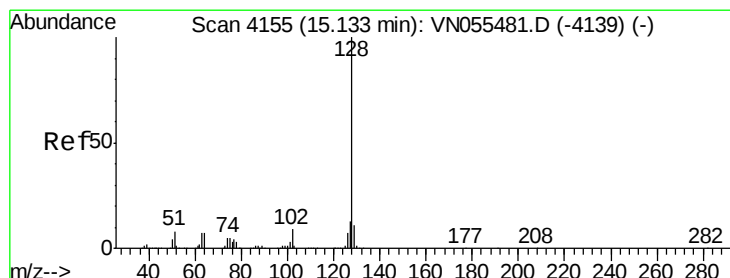
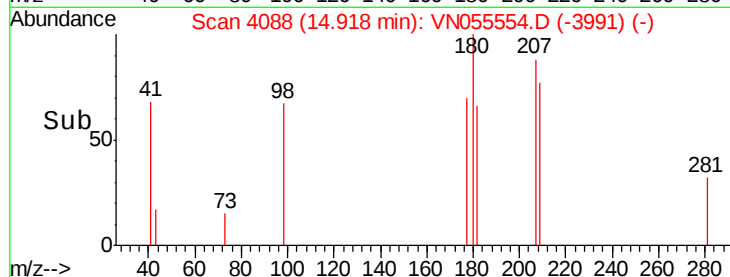
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->



#95

Naphthalene

Concen: 2.970 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

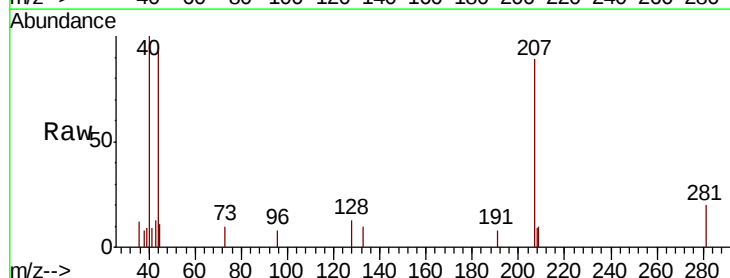
Tgt Ion:128 Resp: 488

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

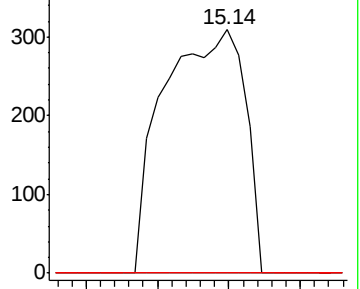
129 0.0 8.8 13.2#



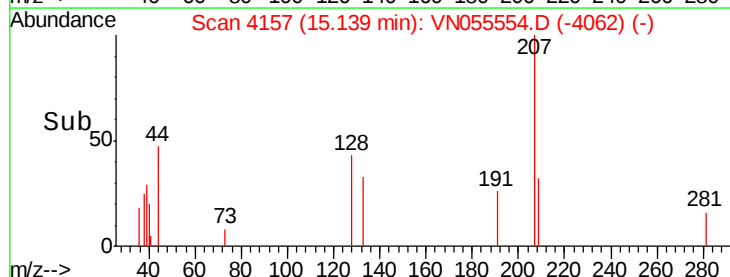
Abundance Ion 128.00 (127.70 to 128.70): V

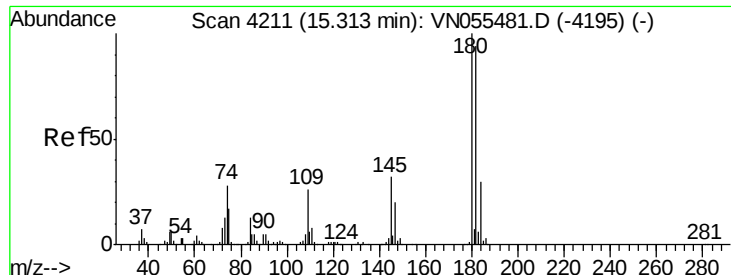
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 2.440 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: VN055554.D
 Acq: 10 May 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01

Tot Ion:	180	Resp:	97
Ion Ratio	Lower	Upper	
180	100		
182	0.0	47.1	141.3#
145	0.0	15.8	47.4#

