

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055538.D
 Acq On : 10 May 2019 9:26
 Operator : JC/SP
 Sample : VN0510MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510MBL01

Quant Time: May 11 00:53:35 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	7.66	168	919042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1548476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1276175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	333443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	619274	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
35) Dibromofluoromethane	7.59	113	488112	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.09	98	1876169	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.40	95	516319	39.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.68%	

Target Compounds

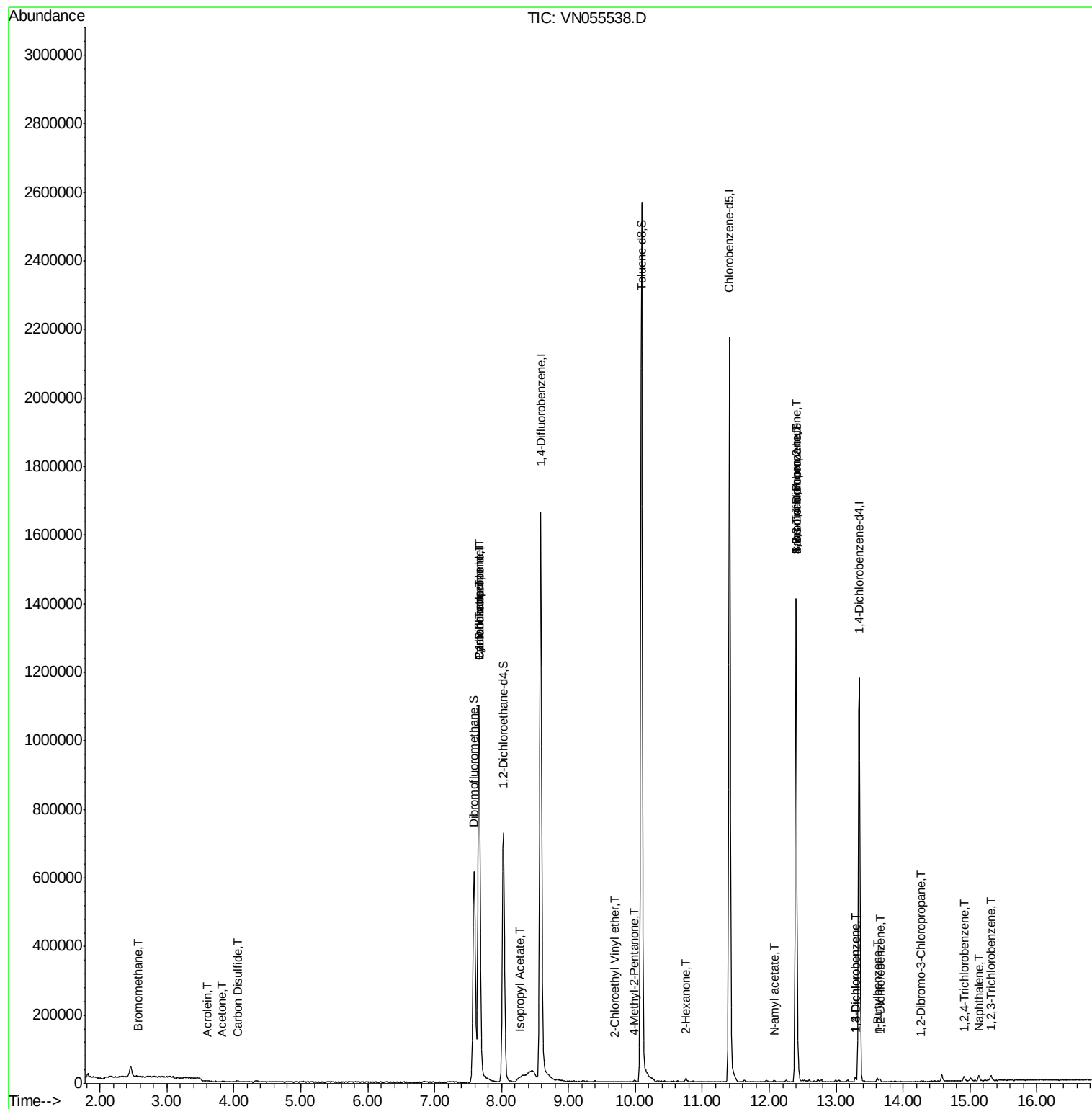
					Qvalue	
5) Bromomethane	2.56	94	1822	0.232	ug/l	92
13) Acrolein	3.60	56	1086	0.798	ug/l #	51
16) Acetone	3.83	43	1697	0.265	ug/l	99
17) Carbon Disulfide	4.05	76	6829	0.249	ug/l	96
18) Methyl Acetate	4.33	43	3772	Below Cal	#	88
31) Cyclohexane	7.66	56	20334	0.911	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	73628	4.826	ug/l #	50
38) Carbon Tetrachloride	7.67	117	85576	6.662	ug/l #	15
43) Isopropyl Acetate	8.27	43	13985	0.553	ug/l #	63
51) 4-Methyl-2-Pentanone	9.98	43	3880	0.233	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	63	12.523	ug/l #	52
59) 2-Hexanone	10.75	43	8095	0.694	ug/l	94
71) Bromoform	12.40	173	3153	0.517	ug/l #	1
73) Isopropylbenzene	12.25	105	3028	Below Cal		99
74) N-amyl acetate	12.08	43	3352	0.265	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.50	83	1081	Below Cal	#	67
76) 1,2,3-Trichloropropane	12.40	75	260277	28.673	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	260277	105.799	ug/l #	7
87) 1,3-Dichlorobenzene	13.29	146	3267	0.288	ug/l	92
88) 1,4-Dichlorobenzene	13.29	146	3267	0.292	ug/l	91
89) n-Butylbenzene	13.62	91	6553	0.342	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	4240	0.374	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.27	75	496	0.323	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.91	180	4073	3.977	ug/l	98
94) Hexachlorobutadiene	15.01	225	1807	Below Cal		89
95) Naphthalene	15.13	128	13375	3.842	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.32	180	5792	3.453	ug/l	97

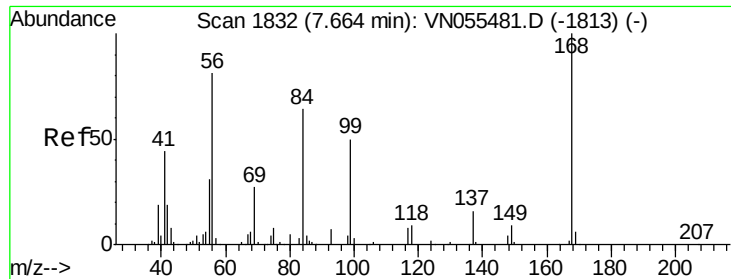
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN051019\
Data File : VN055538.D
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Sample : VN0510MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
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Quant Time: May 11 00:53:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

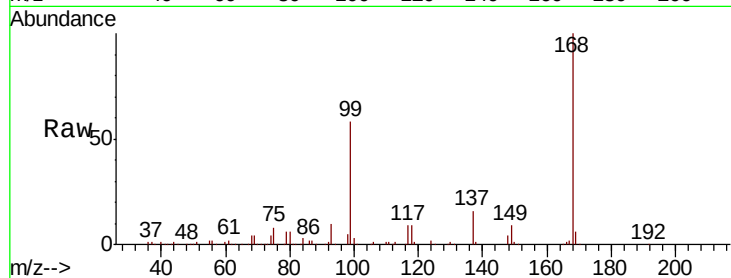
VN0510MBL01

Tot Ion:168 Resp: 919042

Ion Ratio Lower Upper

168 100

99 57.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

400000

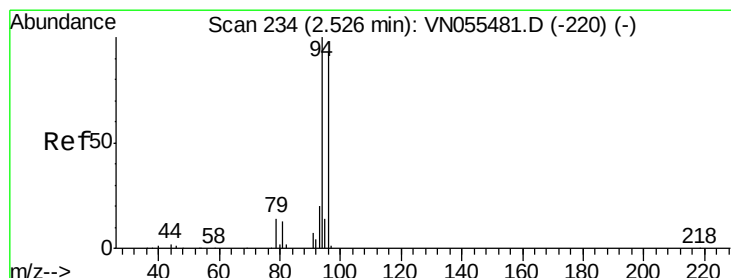
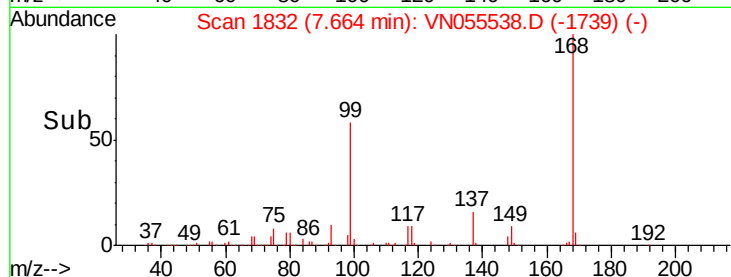
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.232 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.04 min

Lab File: VN055538.D

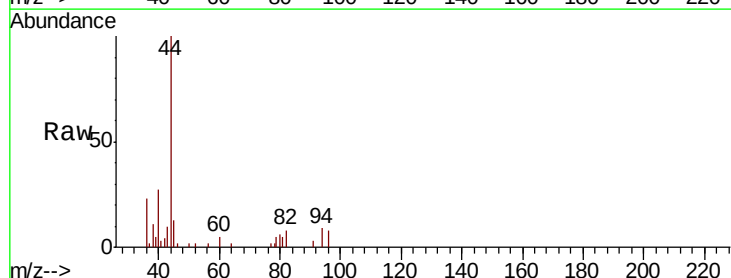
Acq: 10 May 2019 9:26

Tgt Ion: 94 Resp: 1822

Ion Ratio Lower Upper

94 100

96 86.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

800

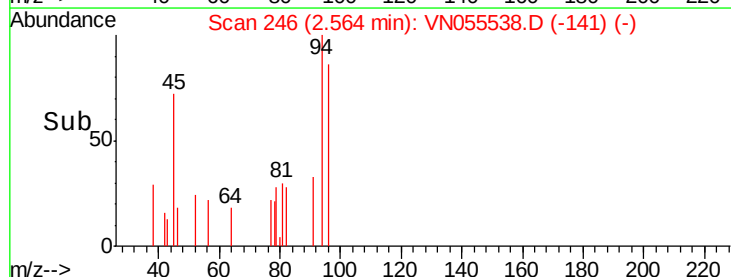
600

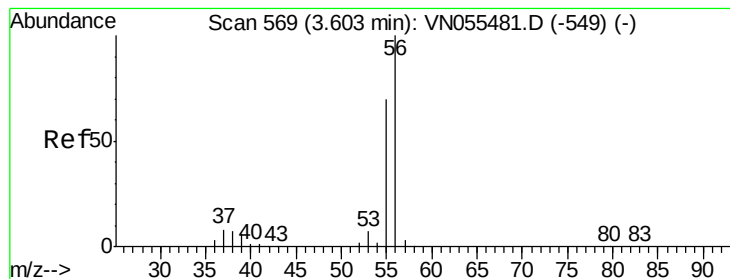
400

200

0

Time-->





#13

Acrolein

Concen: 0.798 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

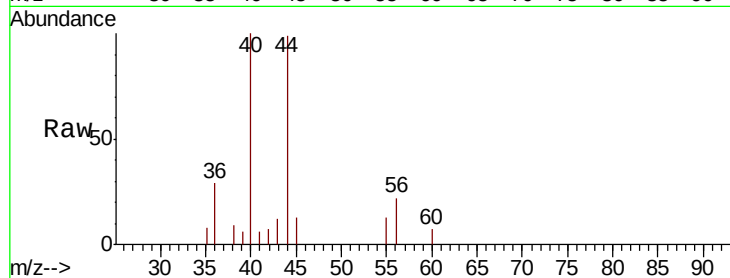
VN0510MBL01

Tot Ion: 56 Resp: 1086

Ion Ratio Lower Upper

56 100

55 30.8 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

500

400

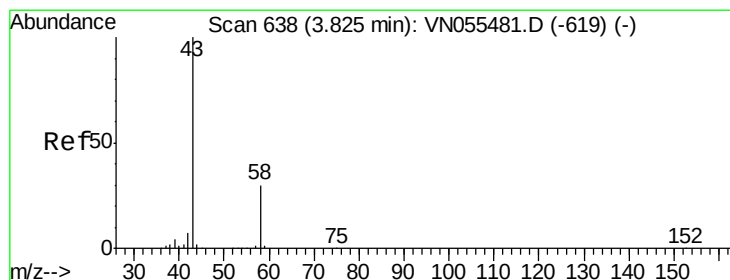
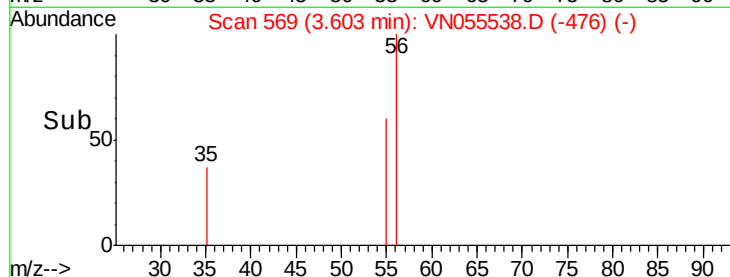
300

200

100

0

Time-->



#16

Acetone

Concen: 0.265 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.00 min

Lab File: VN055538.D

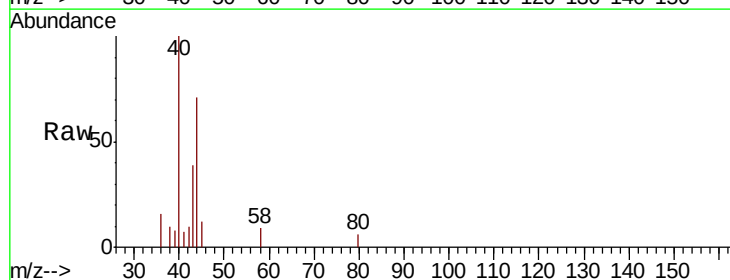
Acq: 10 May 2019 9:26

Tgt Ion: 43 Resp: 1697

Ion Ratio Lower Upper

43 100

58 29.7 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1200

1000

800

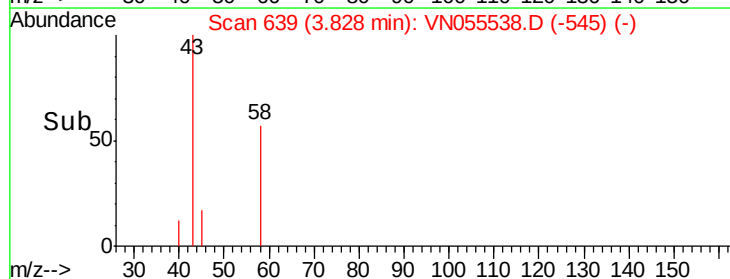
600

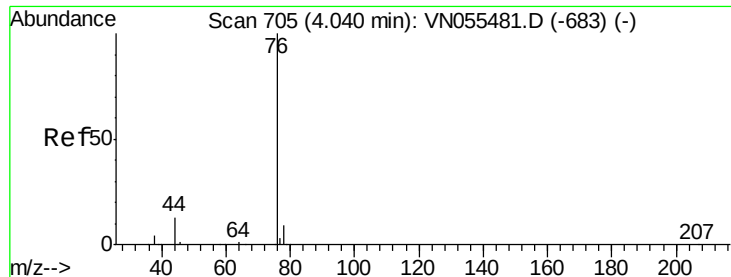
400

200

0

Time-->





#17

Carbon Disulfide

Concen: 0.249 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.01 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

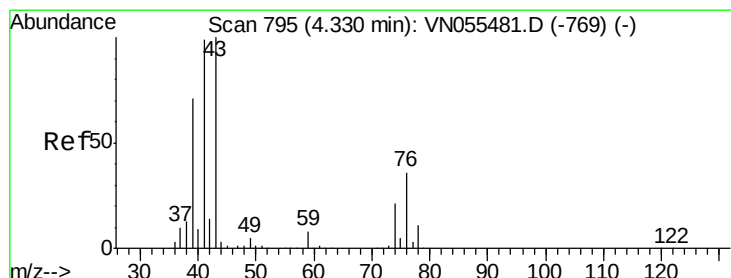
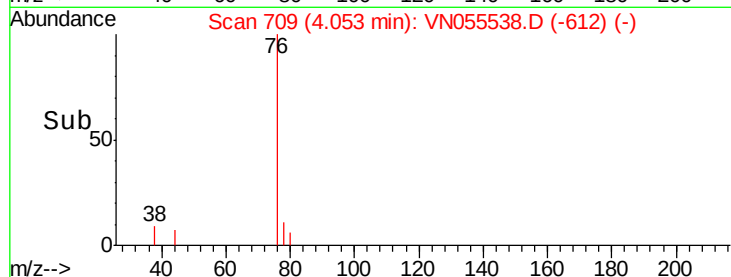
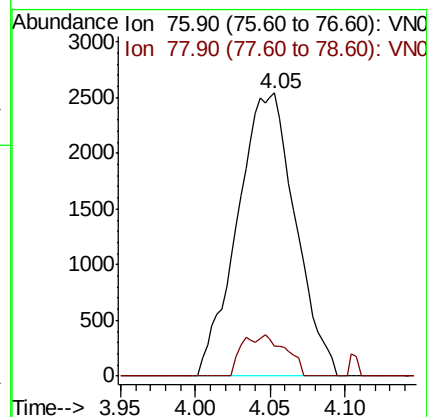
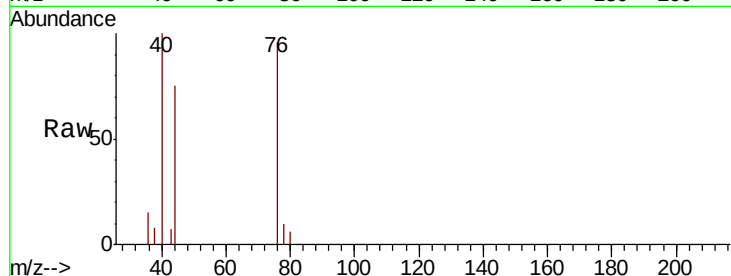
VN0510MBL01

Tot Ion: 76 Resp: 6829

Ion Ratio Lower Upper

76 100

78 10.7 7.4 11.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN055538.D

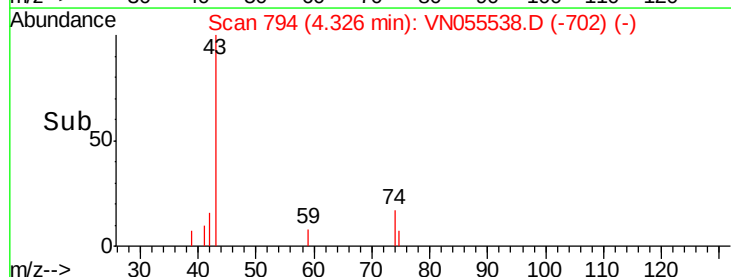
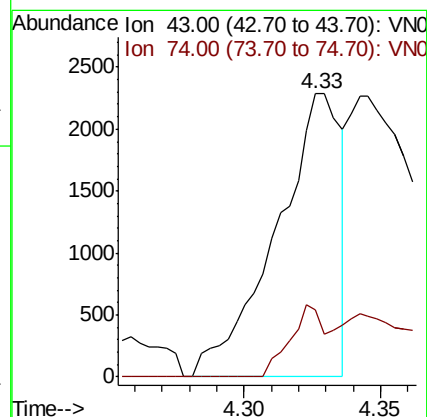
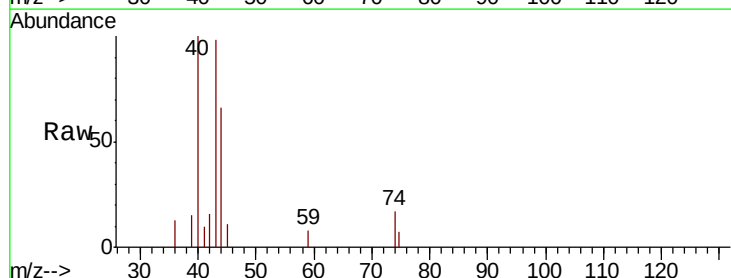
Acq: 10 May 2019 9:26

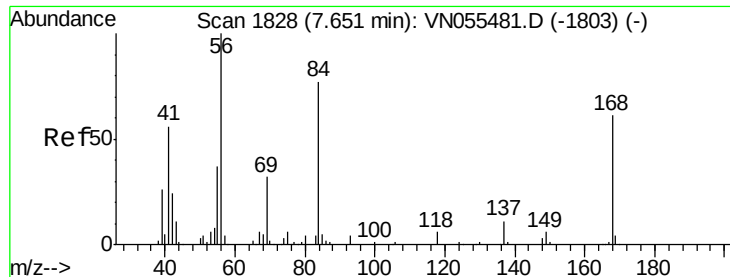
Tgt Ion: 43 Resp: 3772

Ion Ratio Lower Upper

43 100

74 14.7 16.3 24.5#

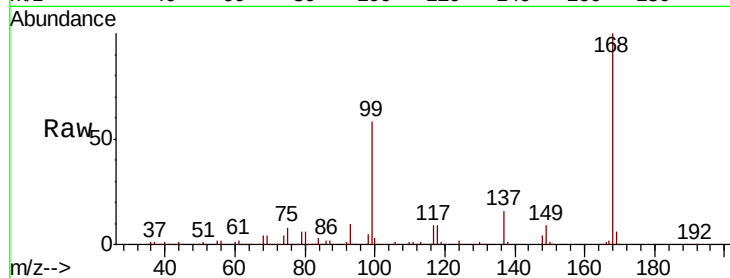




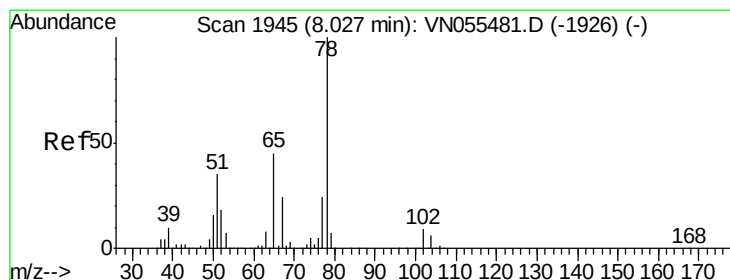
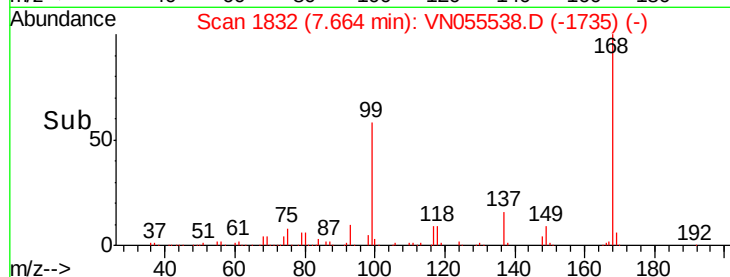
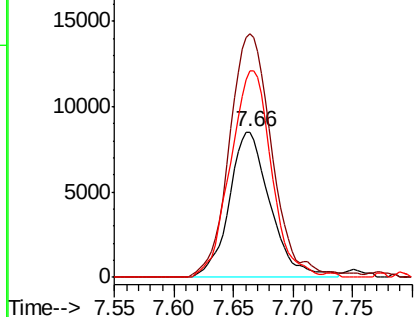
#31
Cyclohexane
Concen: 0.911 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055538.D
Acq: 10 May 2019 9:26

Instrument :
MSVOA_N
ClientSampleId :
VN0510MBL01

Tot Ion: 56 Resp: 20334
Ion Ratio Lower Upper
56 100
69 167.2 26.0 39.0#
84 142.0 61.9 92.9#

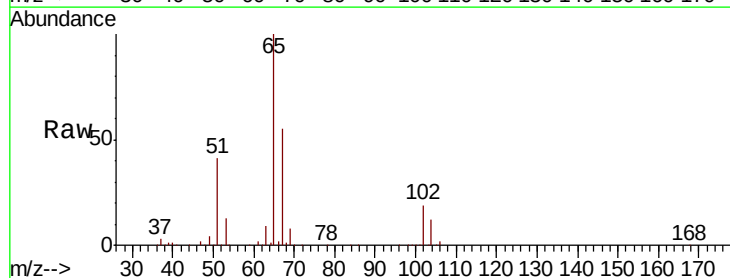


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

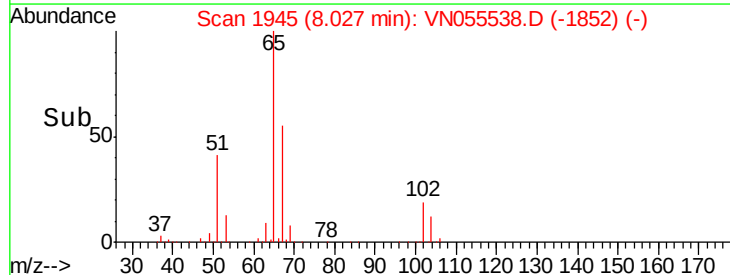
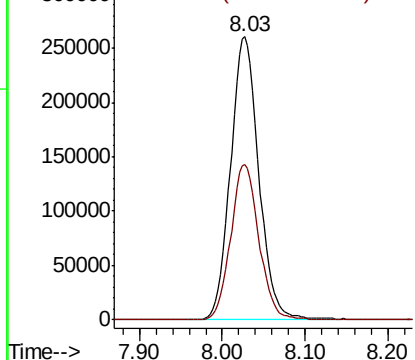


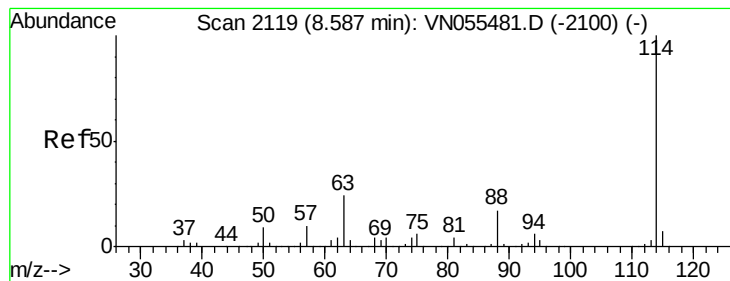
#33
1,2-Dichloroethane-d4
Concen: 44.753 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055538.D
Acq: 10 May 2019 9:26

Tgt Ion: 65 Resp: 619274
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

VN0510MBL01

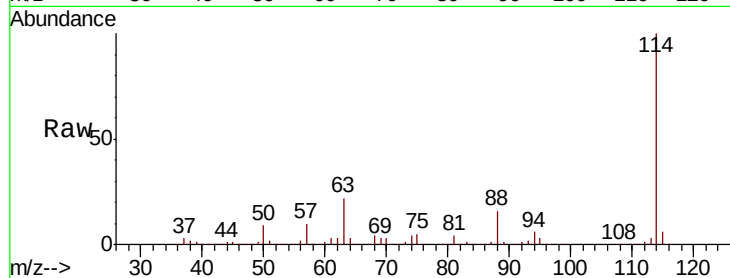
Tot Ion:114 Resp: 1548476

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.4

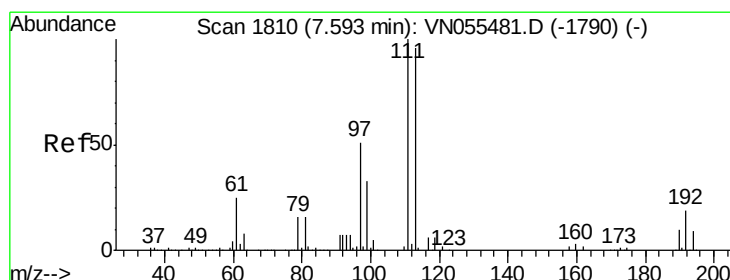
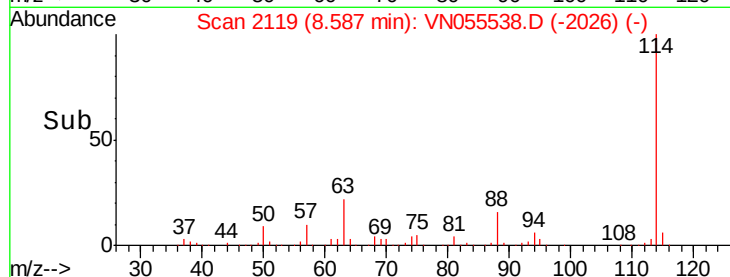
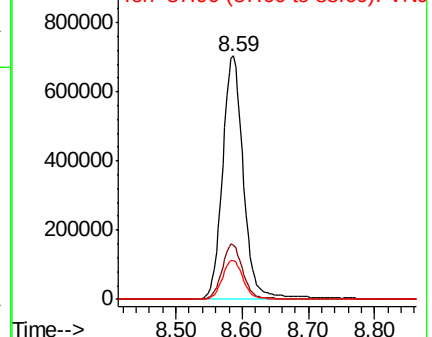
88 16.2 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.865 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

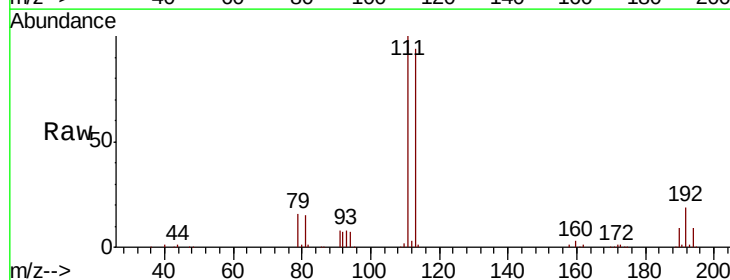
Tgt Ion:113 Resp: 488112

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

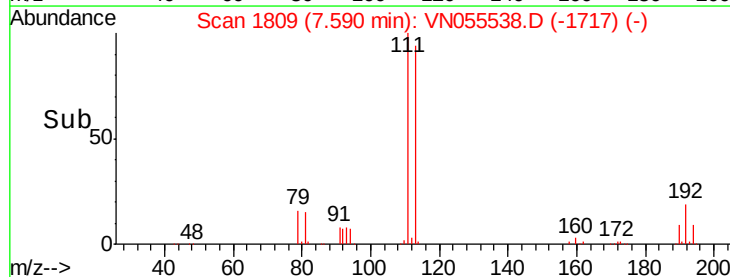
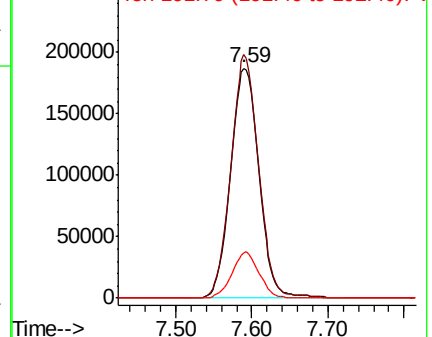
192 19.0 15.6 23.4

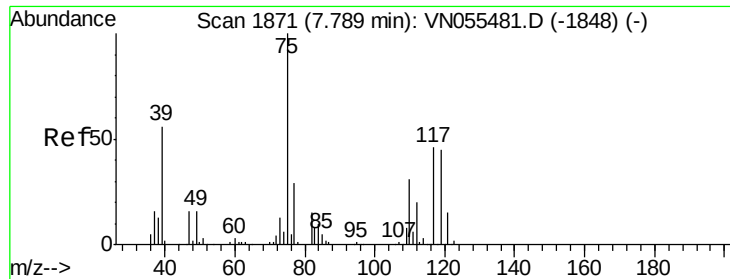


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

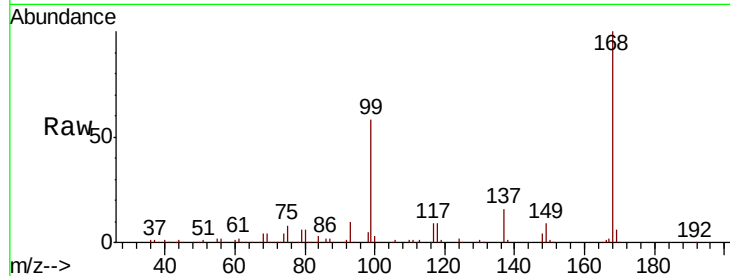




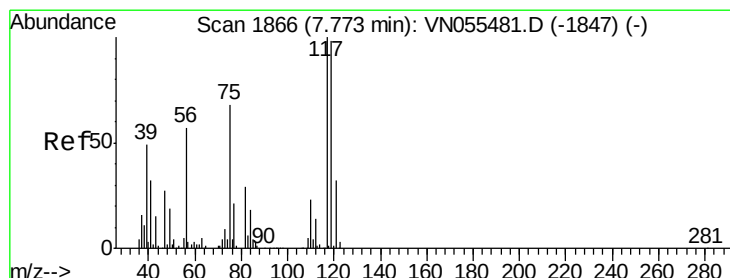
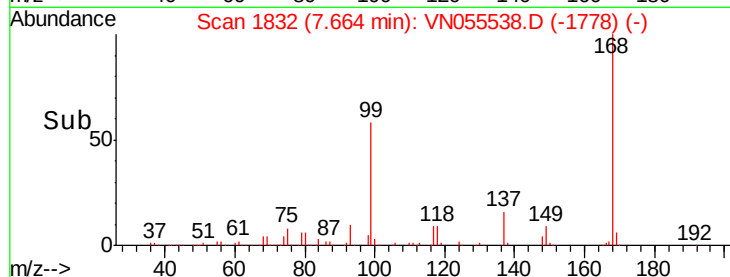
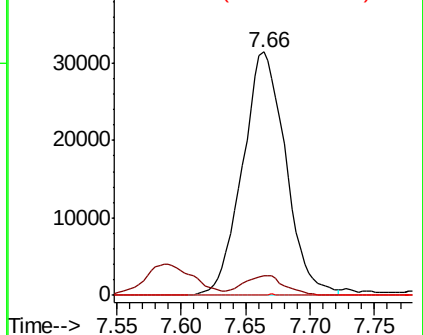
#36
 1,1-Dichloropropene
 Concen: 4.826 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055538.D
 Acq: 10 May 2019 9:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510MBL01

Tot Ion: 75 Resp: 73628
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.1 48.3#
 77 0.0 24.6 37.0#

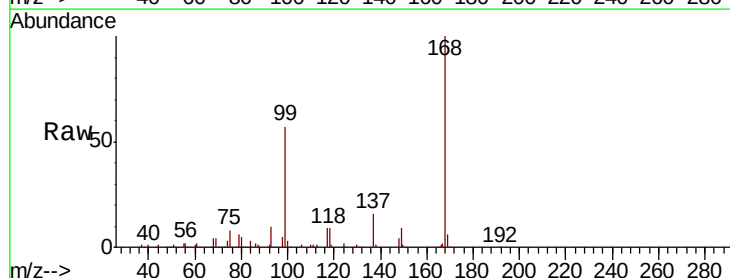


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

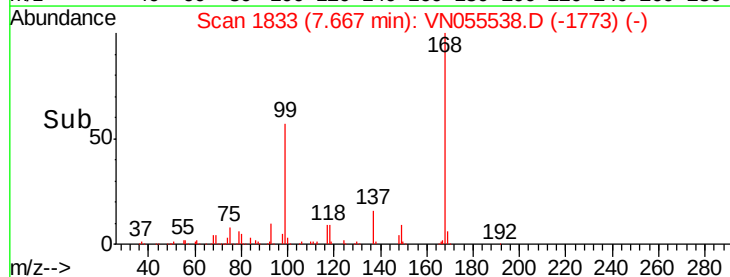
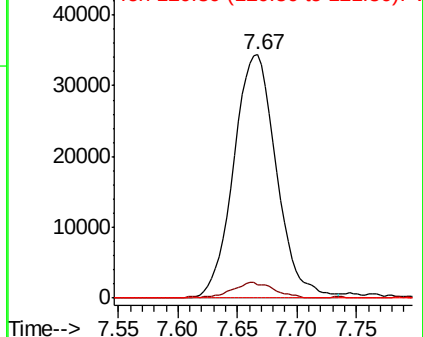


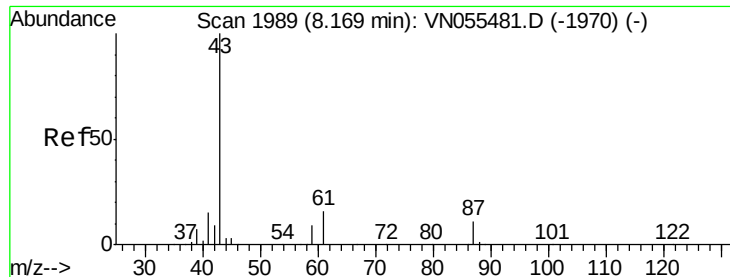
#38
 Carbon Tetrachloride
 Concen: 6.662 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055538.D
 Acq: 10 May 2019 9:26

Tgt Ion: 117 Resp: 85576
 Ion Ratio Lower Upper
 117 100
 119 5.2 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





#43

Isopropyl Acetate

Concen: 0.553 ug/l

RT: 8.27 min Scan# 2021

Delta R.T. 0.10 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

VN0510MBL01

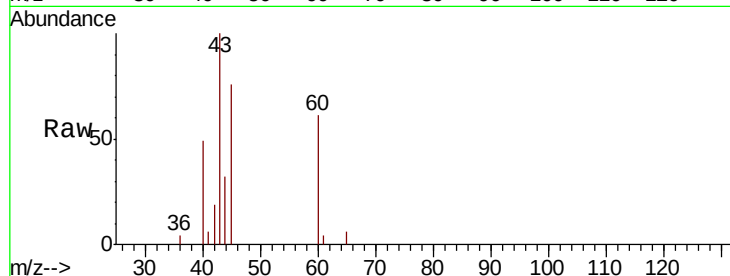
Tot Ion: 43 Resp: 13985

Ion Ratio Lower Upper

43 100

61 0.0 15.1 22.7#

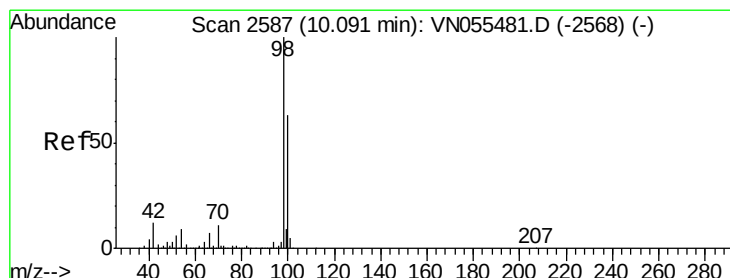
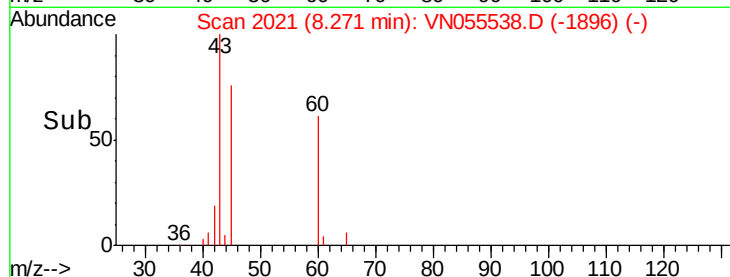
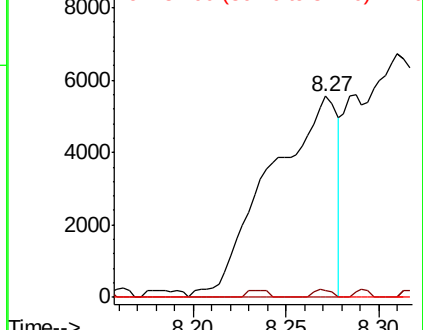
87 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.199 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055538.D

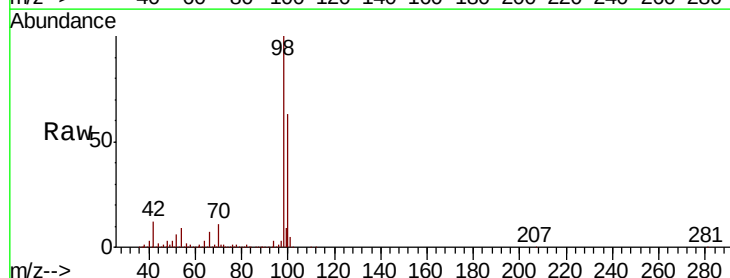
Acq: 10 May 2019 9:26

Tgt Ion: 98 Resp: 1876169

Ion Ratio Lower Upper

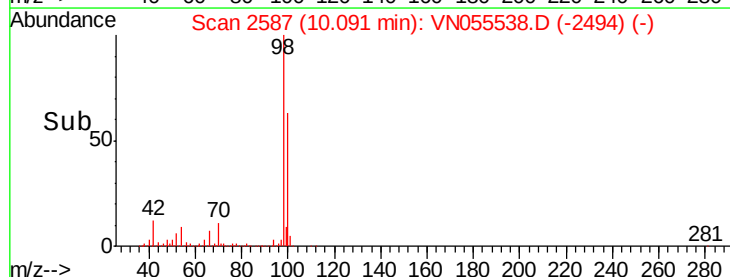
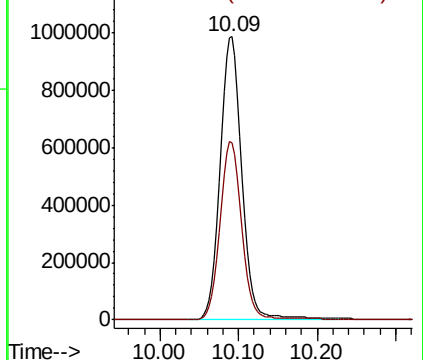
98 100

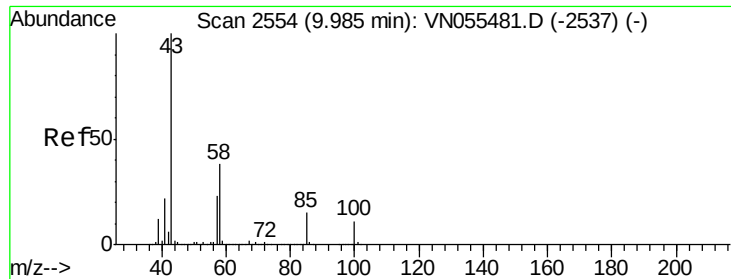
100 62.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

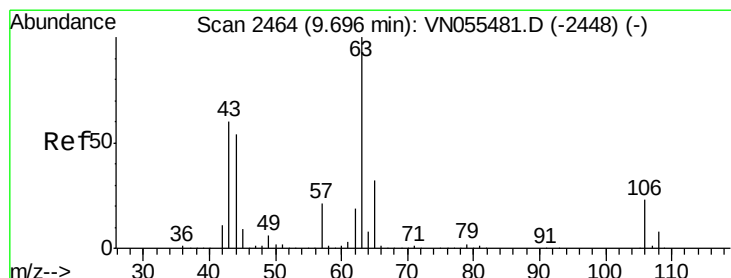
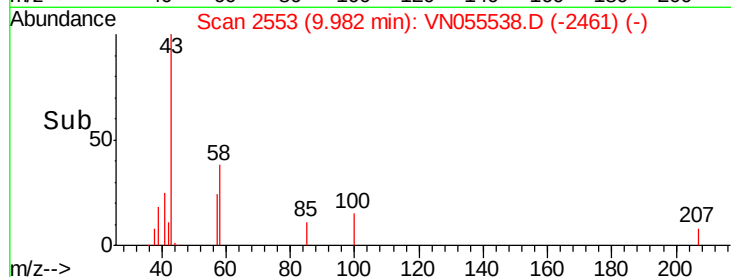
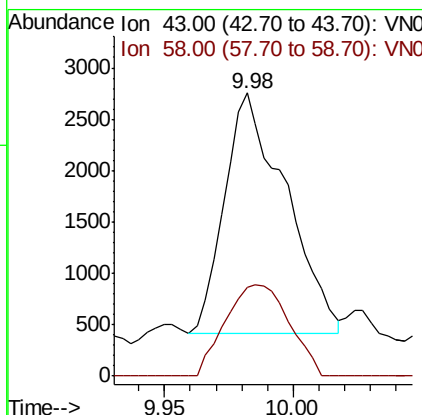
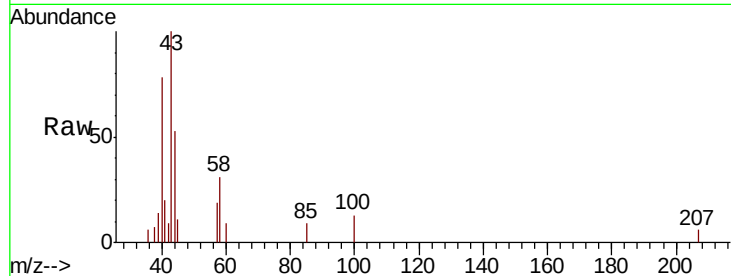




#51
 4-Methyl-2-Pentanone
 Concen: 0.233 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN055538.D
 Acq: 10 May 2019 9:26

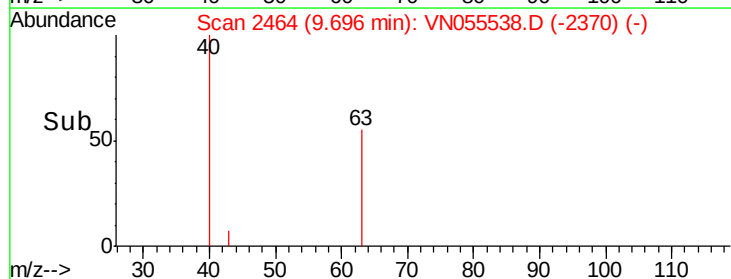
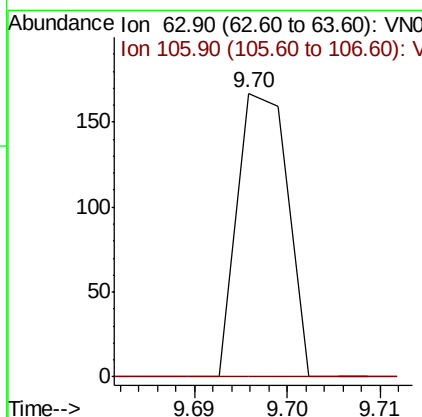
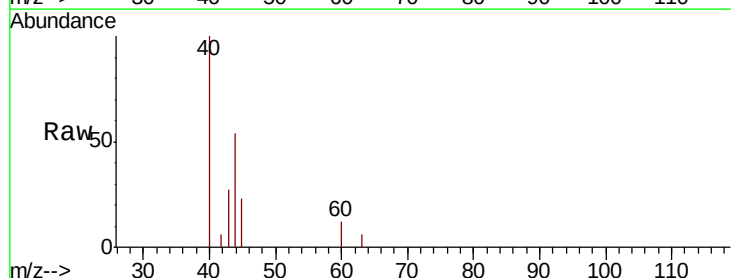
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510MBL01

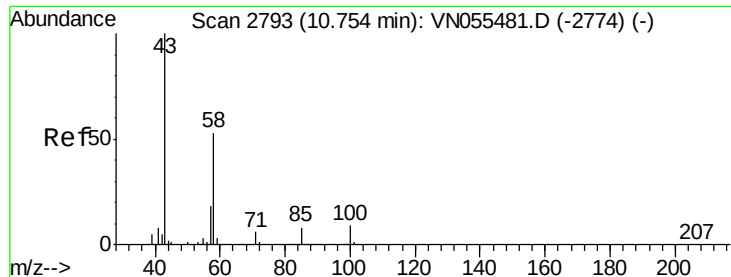
Tot Ion: 43 Resp: 3880
 Ion Ratio Lower Upper
 43 100
 58 39.5 29.9 44.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.523 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055538.D
 Acq: 10 May 2019 9:26

Tgt Ion: 63 Resp: 63
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#

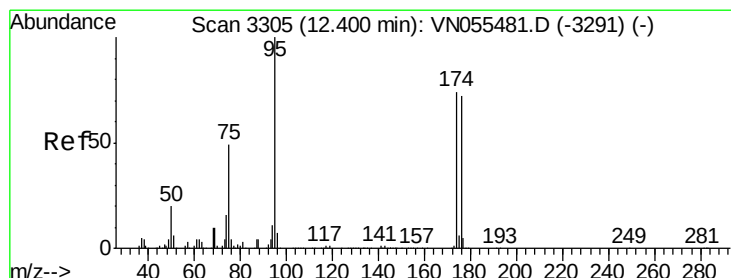
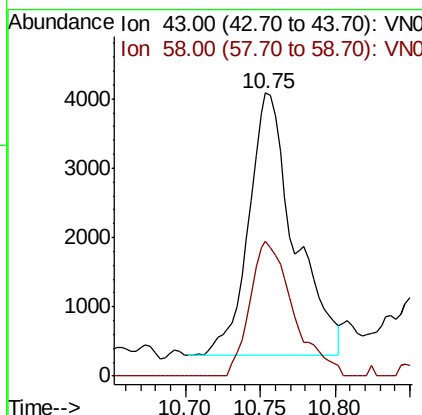
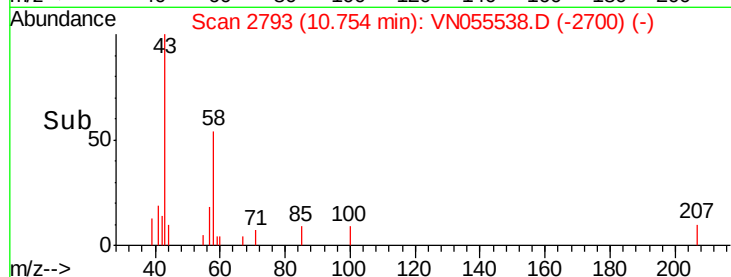
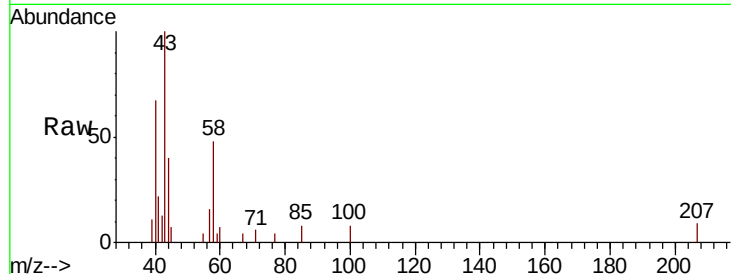




#59
2-Hexanone
Concen: 0.694 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055538.D
Acq: 10 May 2019 9:26

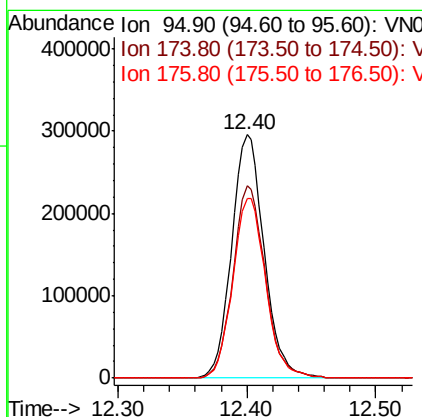
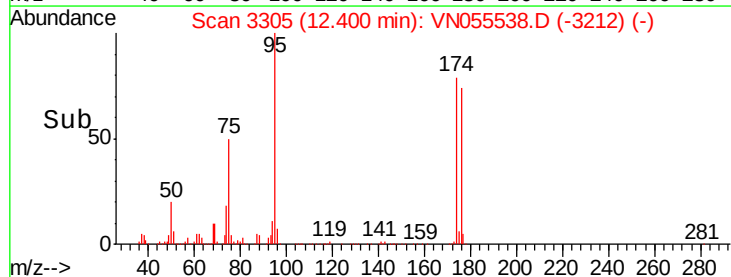
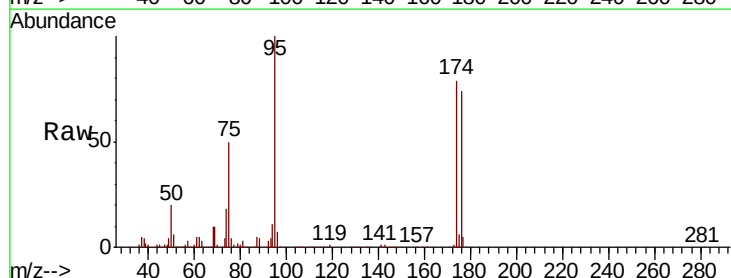
Instrument :
MSVOA_N
ClientSampled :
VN0510MBL01

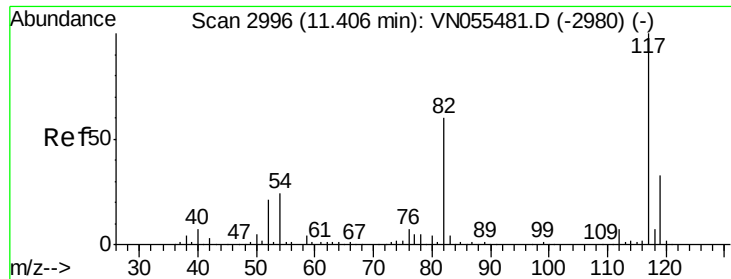
Tot Ion: 43 Resp: 8095
Ion Ratio Lower Upper
43 100
58 48.4 26.4 79.0



#62
4-Bromofluorobenzene
Concen: 39.338 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055538.D
Acq: 10 May 2019 9:26

Tgt Ion: 95 Resp: 516319
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.2
176 75.3 0.0 147.8

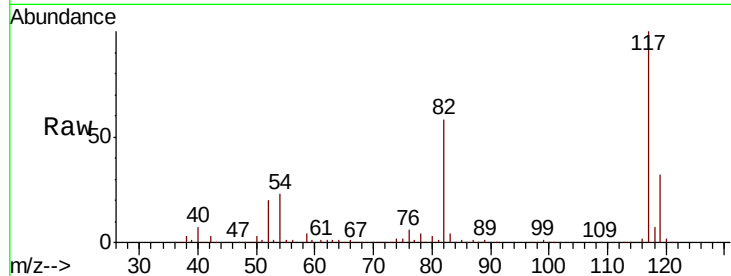




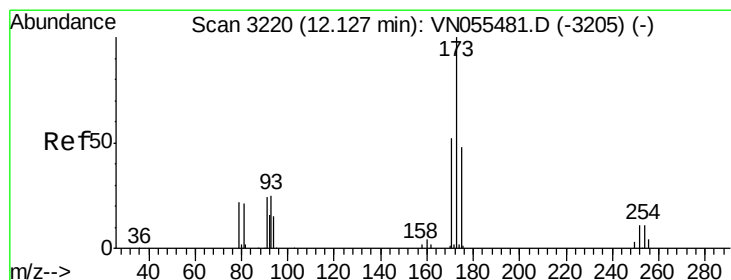
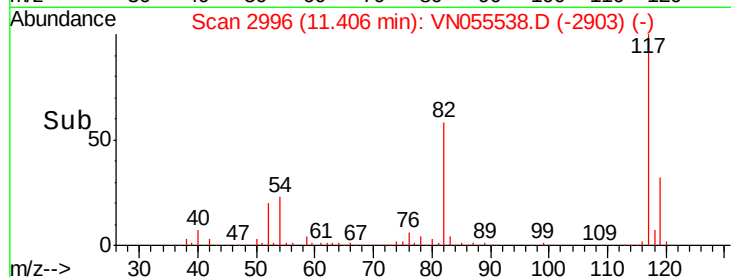
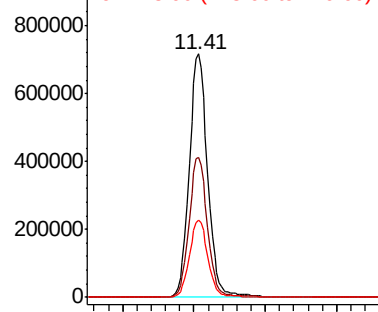
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055538.D
Acq: 10 May 2019 9:26

Instrument :
MSVOA_N
ClientSampleId :
VN0510MBL01

Tot Ion:117 Resp: 1276175
Ion Ratio Lower Upper
117 100
82 57.6 48.0 72.0
119 31.9 26.0 39.0

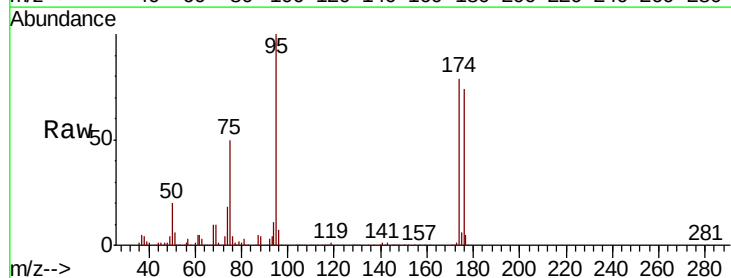


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

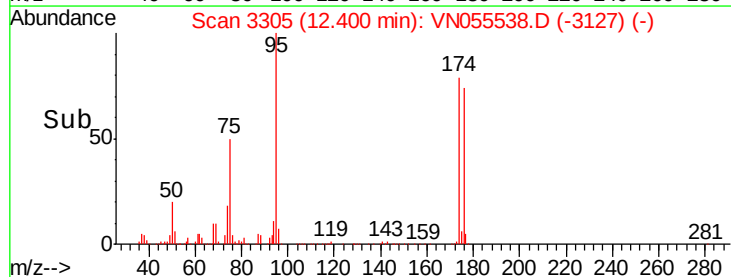
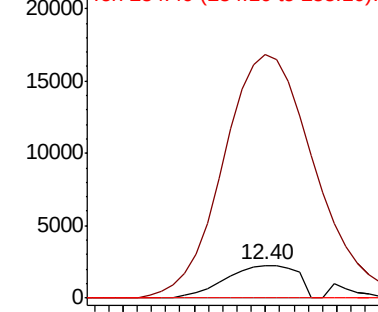


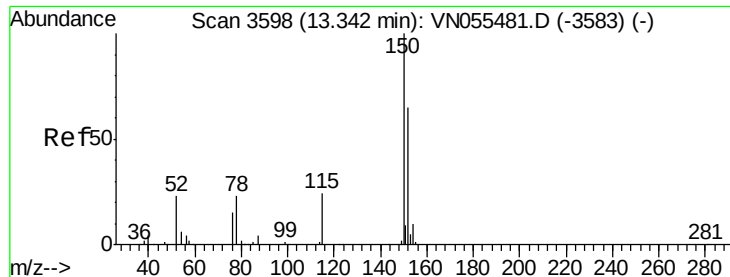
#71
Bromoform
Concen: 0.517 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055538.D
Acq: 10 May 2019 9:26

Tgt Ion:173 Resp: 3153
Ion Ratio Lower Upper
173 100
175 813.2 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: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

VN0510MBL01

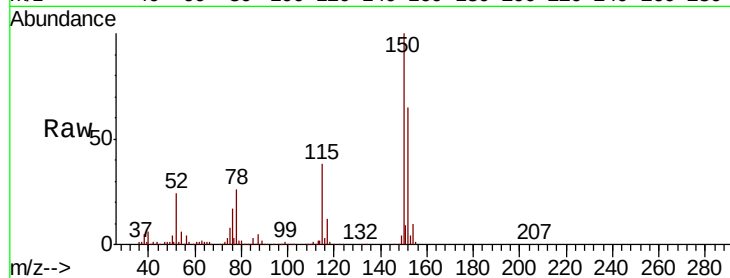
Tot Ion:152 Resp: 333443

Ion Ratio Lower Upper

152 100

115 58.8 30.1 90.5

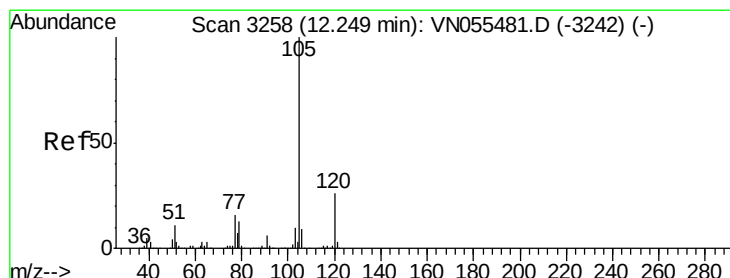
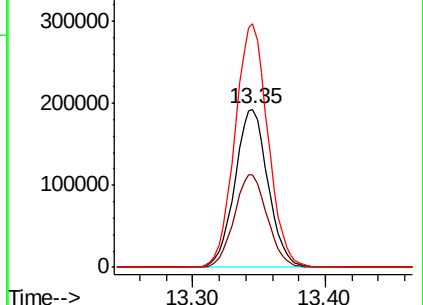
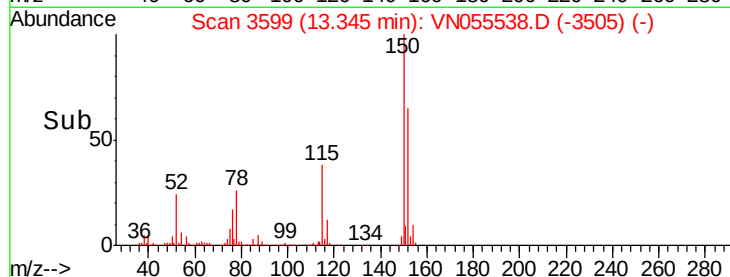
150 154.1 0.0 355.0



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: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055538.D

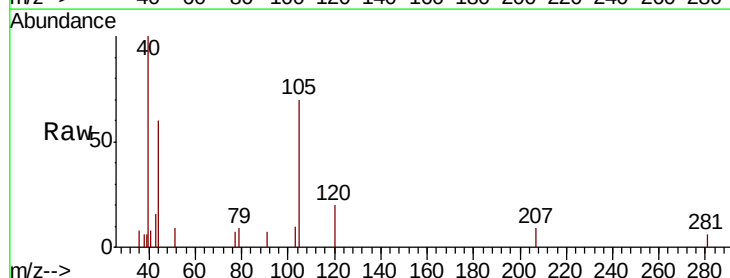
Acq: 10 May 2019 9:26

Tgt Ion:105 Resp: 3028

Ion Ratio Lower Upper

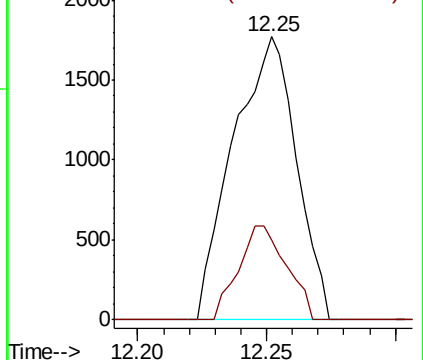
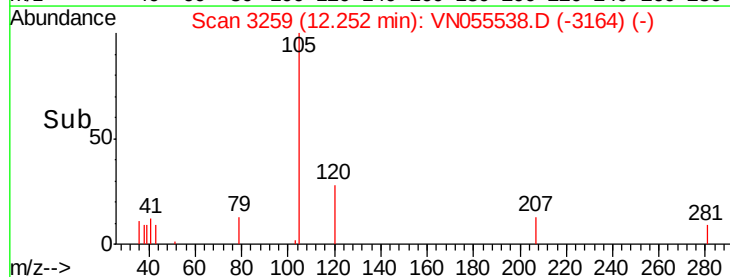
105 100

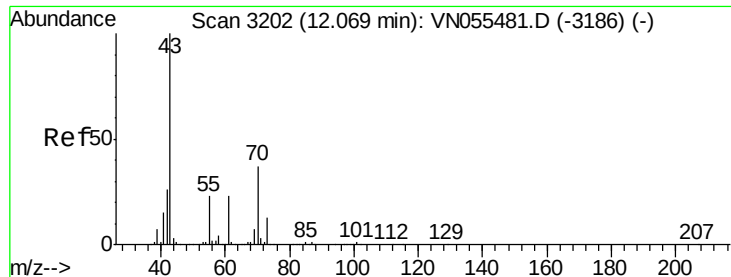
120 25.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.265 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampled :

VN0510MBL01

Tot Ion: 43 Resp: 3352

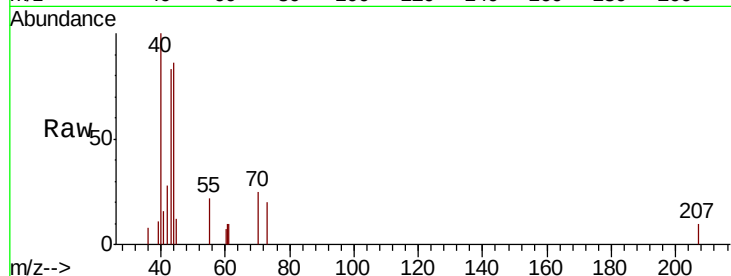
Ion Ratio Lower Upper

43 100

70 15.4 30.7 46.1#

55 25.8 19.3 28.9

61 13.5 18.6 27.8#

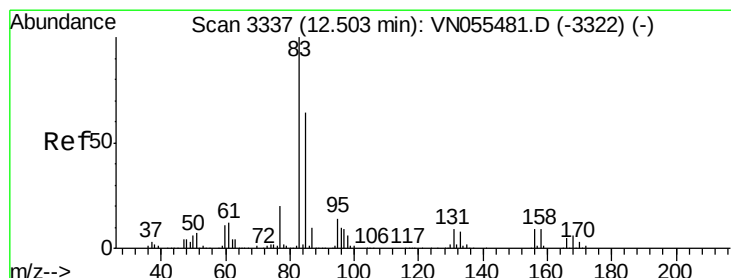
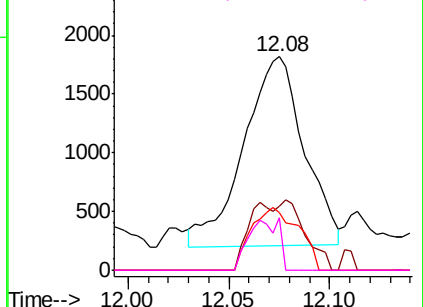
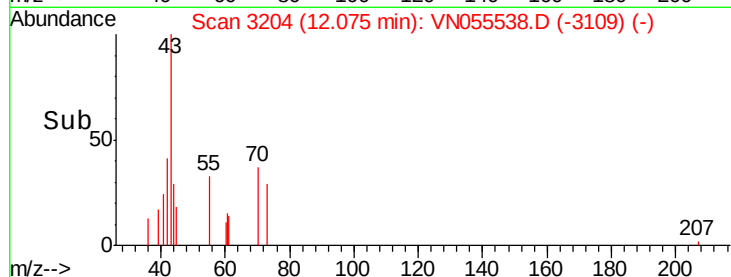


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

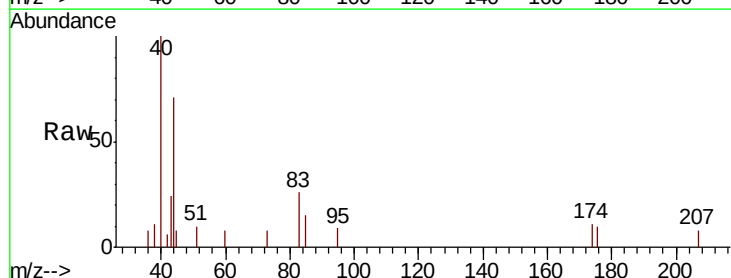
Tgt Ion: 83 Resp: 1081

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

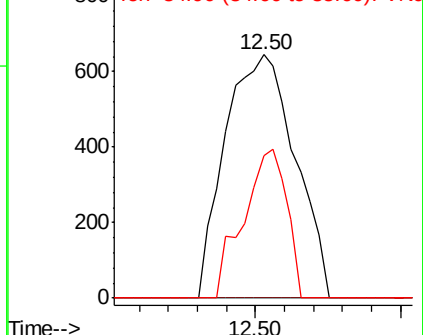
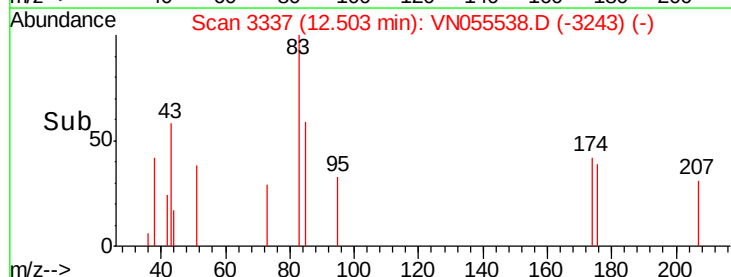
85 37.7 32.0 96.0

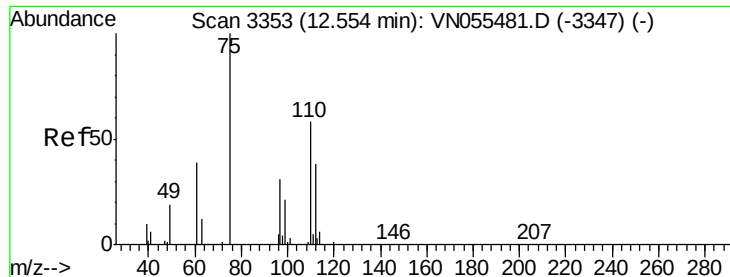


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 28.673 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampled :

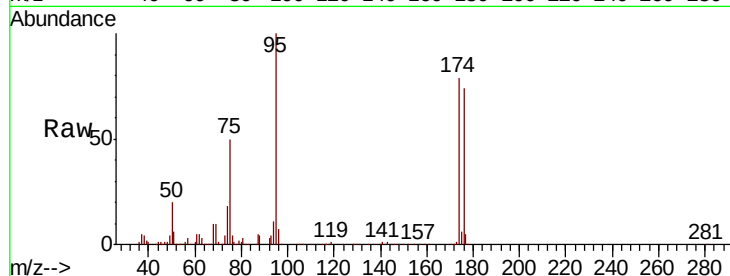
VN0510MBL01

Tot Ion: 75 Resp: 260277

Ion Ratio Lower Upper

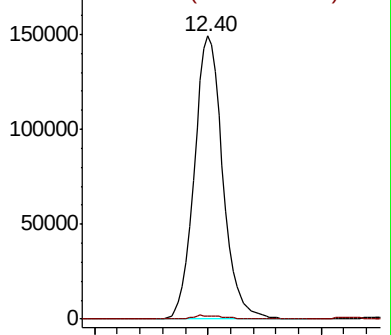
75 100

77 1.4 0.0 0.0#

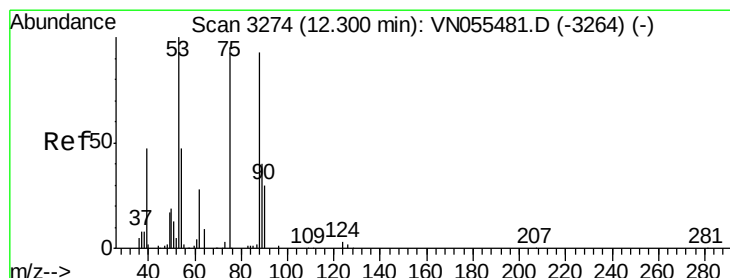
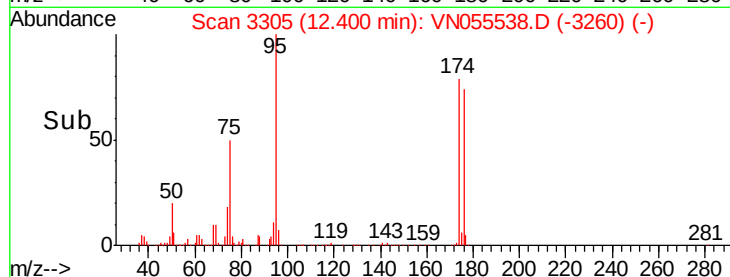


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 105.799 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

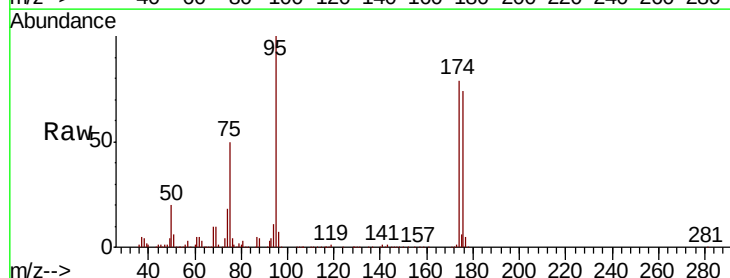
Tgt Ion: 75 Resp: 260277

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

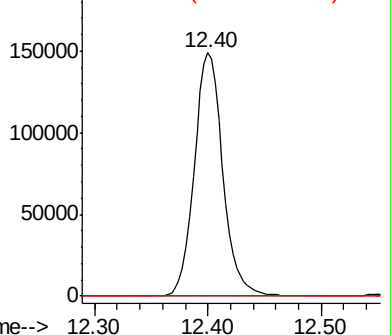
89 0.1 35.7 53.5#



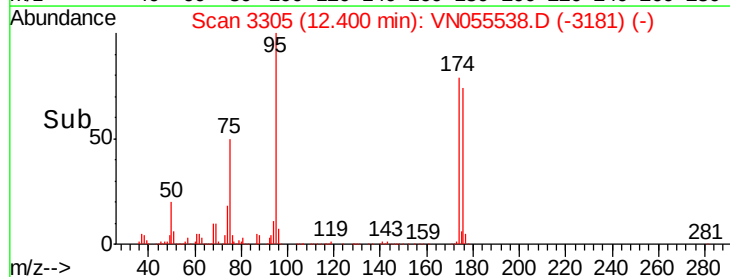
Abundance Ion 74.90 (74.60 to 75.60): VN0

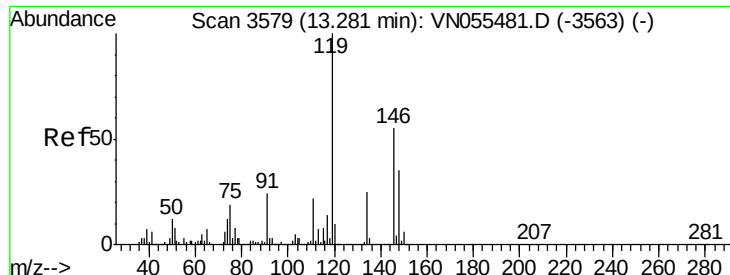
Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time--> 12.30 12.40 12.50





#87

1,3-Dichlorobenzene

Concen: 0.288 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.01 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

VN0510MBL01

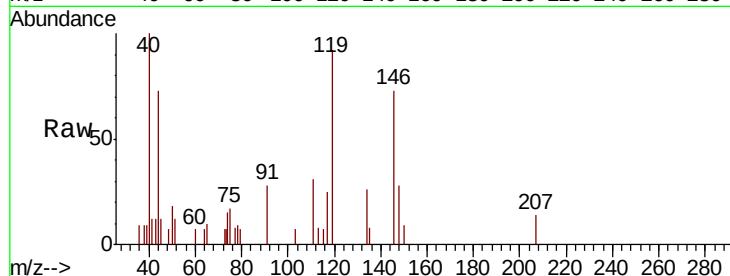
Tot Ion:146 Resp: 3267

Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.3

148 54.2 32.1 96.5

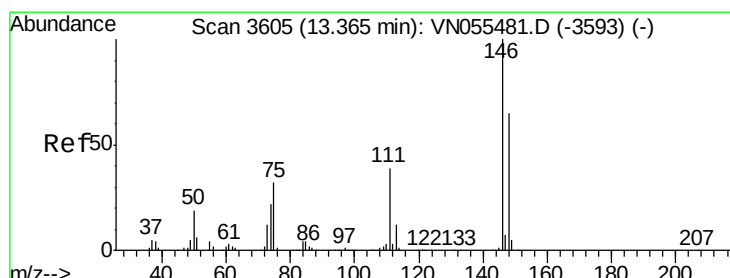
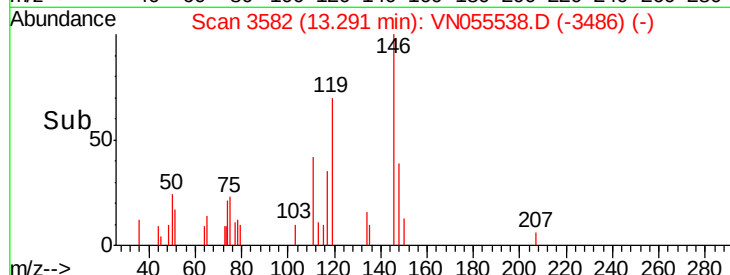
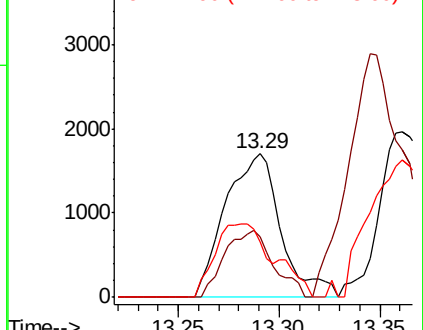


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.292 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.07 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

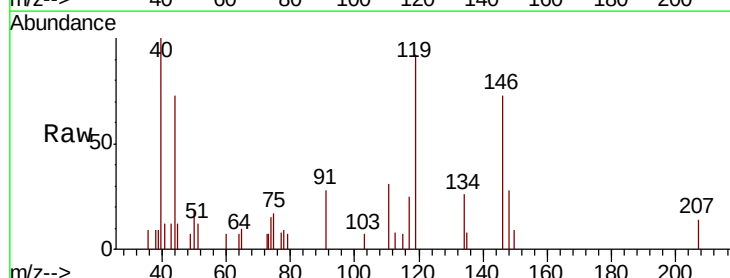
Tgt Ion:146 Resp: 3267

Ion Ratio Lower Upper

146 100

111 40.7 19.6 58.8

148 54.2 32.5 97.4

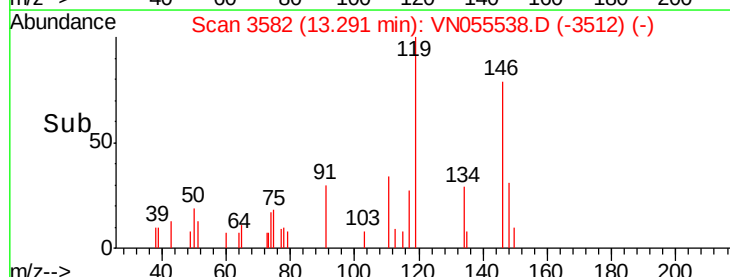
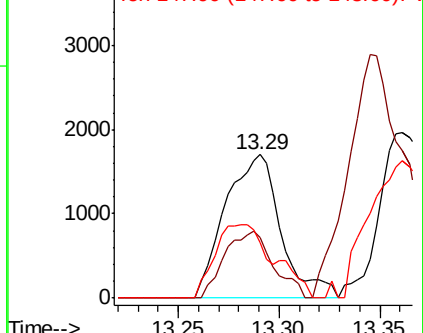


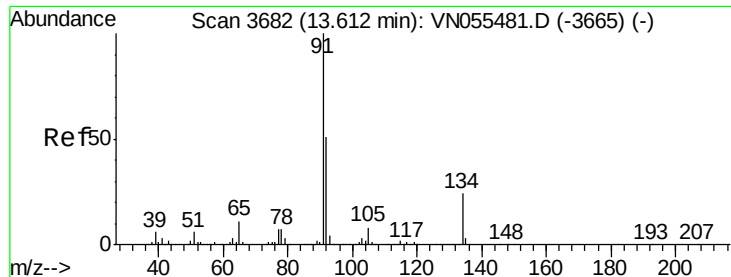
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.342 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampled :

VN0510MBL01

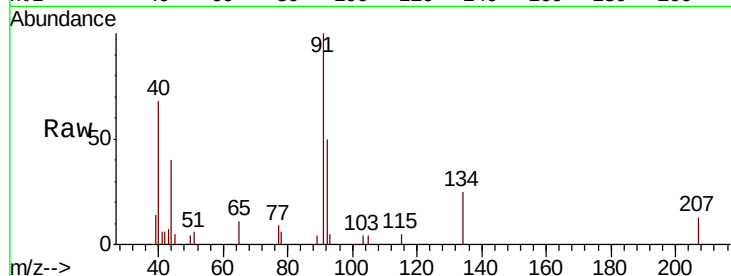
Tot Ion: 91 Resp: 6553

Ion Ratio Lower Upper

91 100

92 53.0 25.9 77.7

134 27.1 11.8 35.4

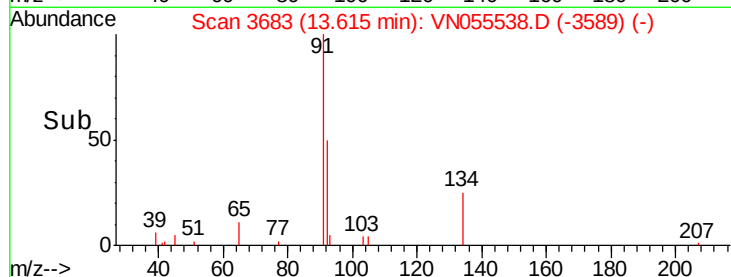


Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN055481.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN055481.D (-3665) (-)

Time--> 13.55 13.60 13.65

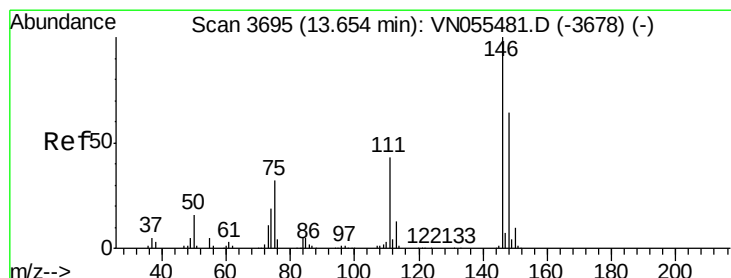


Abundance Ion 91.00 (90.70 to 91.70): VN055538.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN055538.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN055538.D (-3589) (-)

Time--> 13.55 13.60 13.65



#91

1,2-Dichlorobenzene

Concen: 0.374 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.01 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

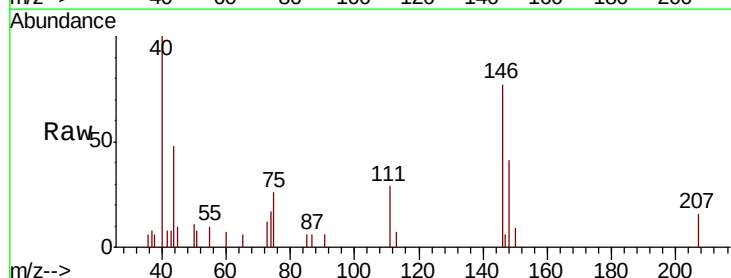
Tgt Ion: 146 Resp: 4240

Ion Ratio Lower Upper

146 100

111 24.7 21.3 63.7

148 64.9 31.9 95.9

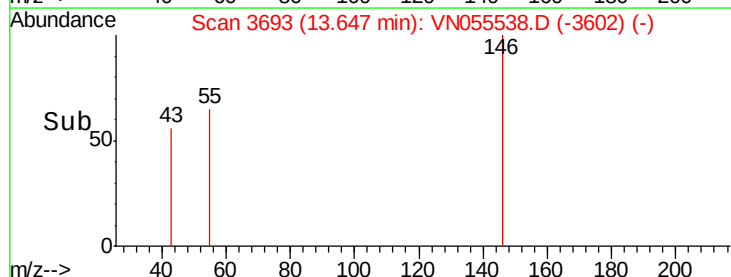


Abundance Ion 145.90 (145.60 to 146.60): VN055481.D (-3678) (-)

Ion 110.90 (110.60 to 111.60): VN055481.D (-3678) (-)

Ion 147.90 (147.60 to 148.60): VN055481.D (-3678) (-)

Time--> 13.60 13.65 13.70

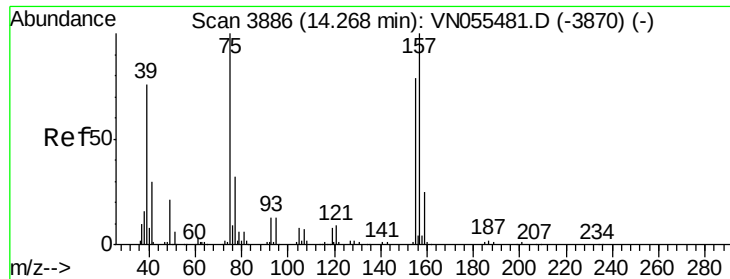


Abundance Ion 145.90 (145.60 to 146.60): VN055538.D (-3602) (-)

Ion 110.90 (110.60 to 111.60): VN055538.D (-3602) (-)

Ion 147.90 (147.60 to 148.60): VN055538.D (-3602) (-)

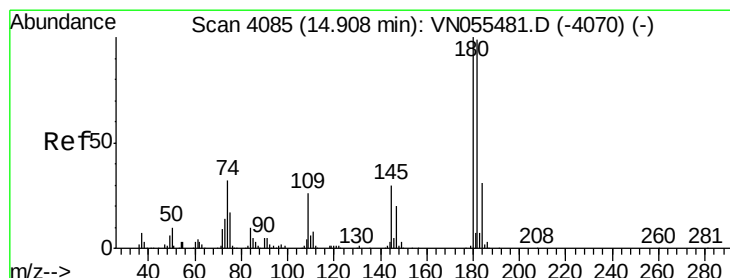
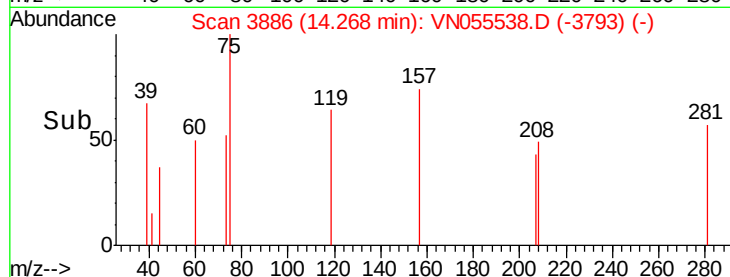
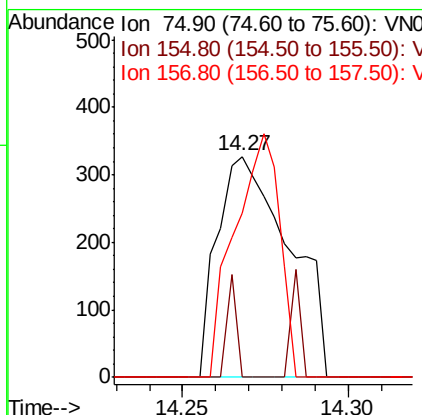
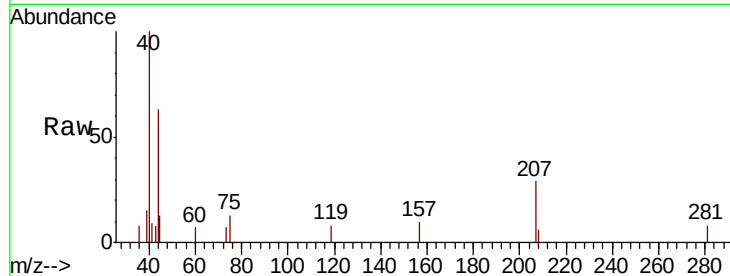
Time--> 13.60 13.65 13.70



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.323 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055538.D
 Acq: 10 May 2019 9:26

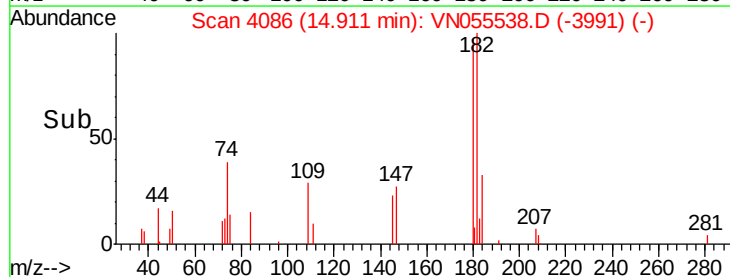
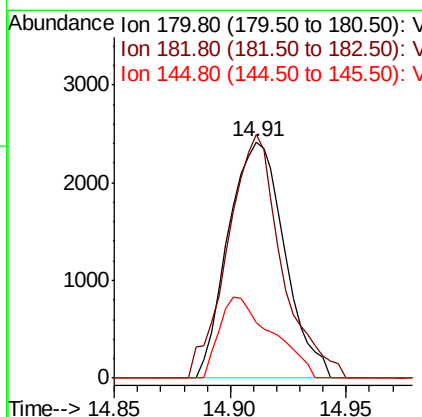
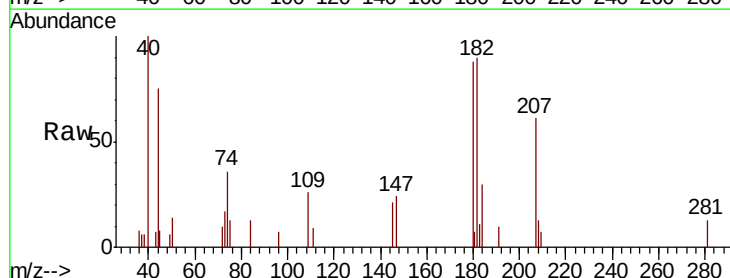
Instrument :
 MSVOA_N
 ClientSampled :
 VN0510MBL01

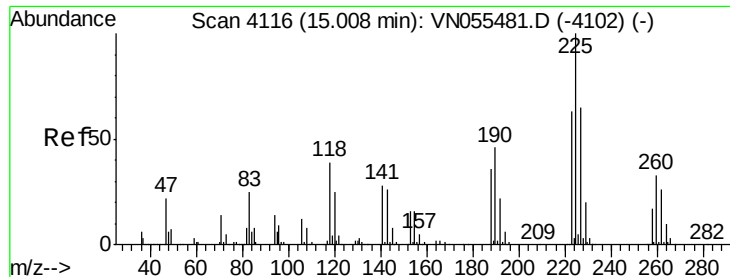
Tot Ion: 75 Resp: 496
 Ion Ratio Lower Upper
 75 100
 155 6.0 39.3 117.8#
 157 0.0 50.6 151.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.977 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055538.D
 Acq: 10 May 2019 9:26

Tgt Ion: 180 Resp: 4073
 Ion Ratio Lower Upper
 180 100
 182 98.6 48.7 146.1
 145 32.3 15.3 45.9





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampled :

VN0510MBL01

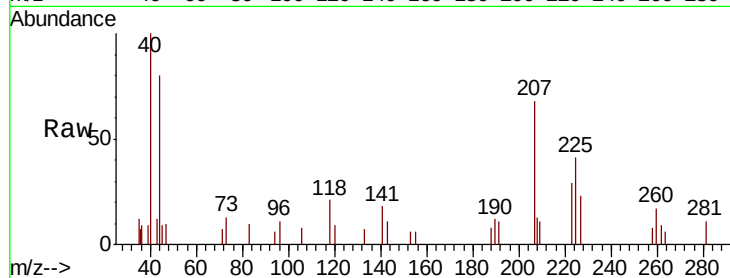
Tot Ion:225 Resp: 1807

Ion Ratio Lower Upper

225 100

223 78.1 31.4 94.3

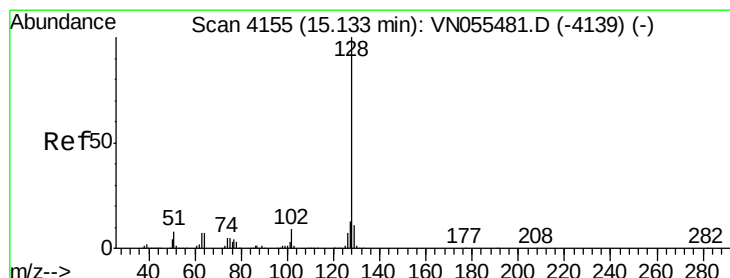
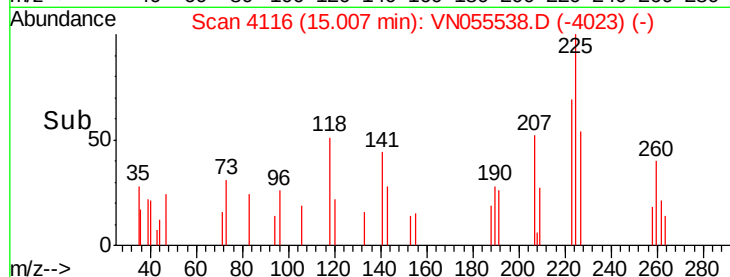
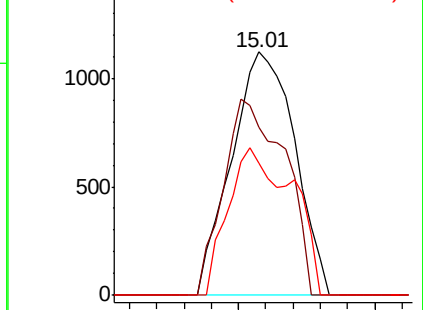
227 61.7 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.842 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

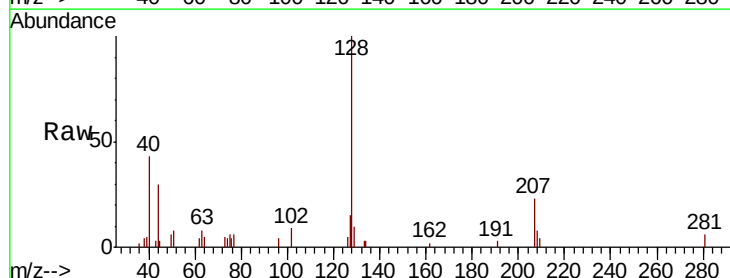
Tgt Ion:128 Resp: 13375

Ion Ratio Lower Upper

128 100

127 14.6 10.0 15.0

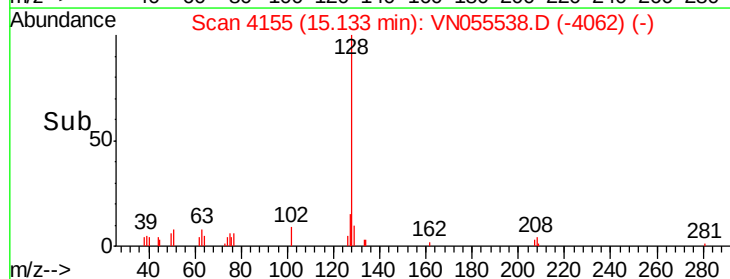
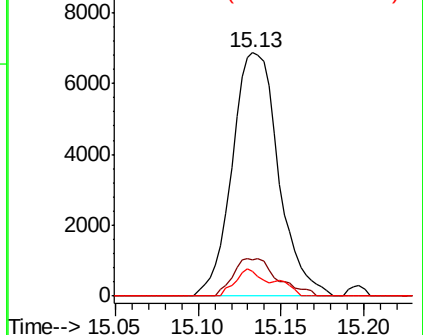
129 6.5 8.8 13.2#

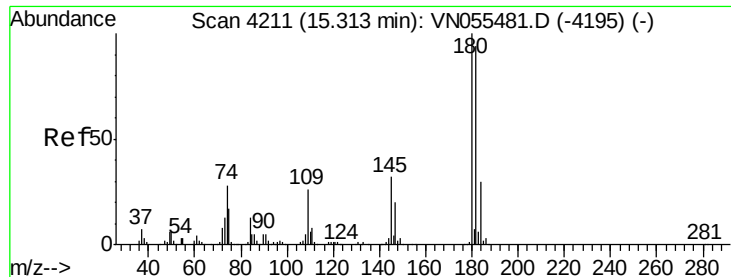


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 3.453 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

VN0510MBL01

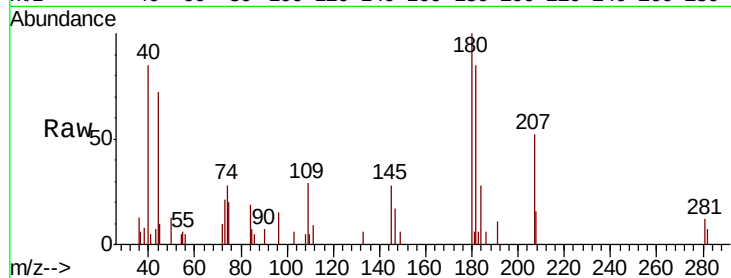
Tot Ion:180 Resp: 5792

Ion Ratio Lower Upper

180 100

182 96.8 47.1 141.3

145 34.3 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

