

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058538.D
 Acq On : 4 Oct 2019 14:20
 Operator : JC/SP
 Sample : K5180-02DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 04 23:37:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	428240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	714273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	621868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	263616	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	301134	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
35) Dibromofluoromethane	7.57	113	202617	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
50) Toluene-d8	10.09	98	868090	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.41	95	287347	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	

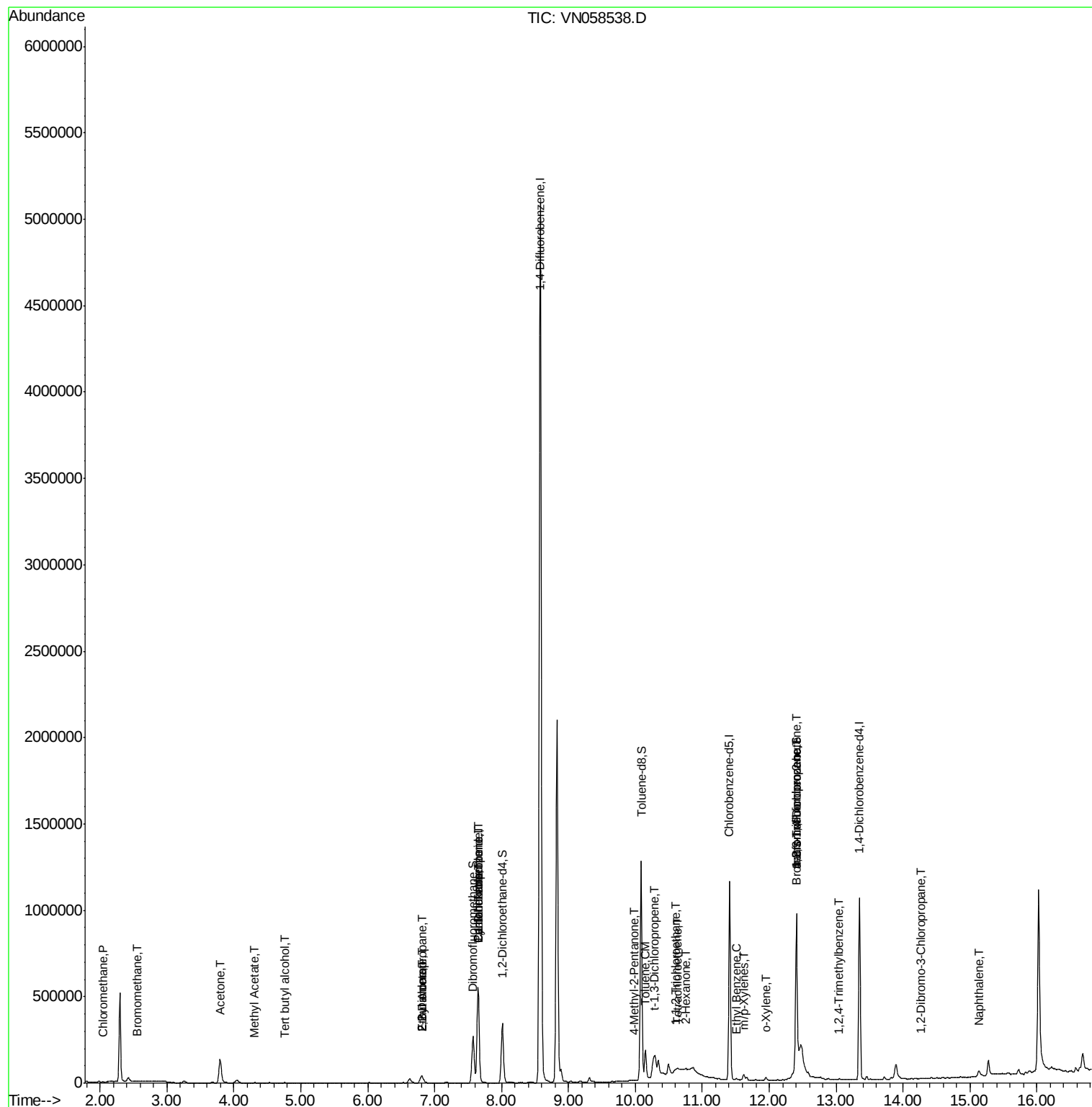
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1787	0.346	ug/l	90
5) Bromomethane	2.55	94	754	0.281	ug/l #	66
11) Tert butyl alcohol	4.76	59	680	0.978	ug/l #	71
16) Acetone	3.80	43	232792	109.123	ug/l	99
18) Methyl Acetate	4.31	43	1727	0.322	ug/l #	80
25) 2-Butanone	6.82	43	24317	8.302	ug/l	95
26) 2,2-Dichloropropane	6.80	77	1491	0.204	ug/l #	54
31) Cyclohexane	7.65	56	11023	1.273	ug/l #	17
36) 1,1-Dichloropropene	7.65	75	37876	5.546	ug/l #	50
37) Ethyl Acetate	6.82	43	24317	4.199	ug/l #	76
38) Carbon Tetrachloride	7.65	117	44029	7.142	ug/l #	16
51) 4-Methyl-2-Pentanone	9.98	43	2377	0.425	ug/l #	67
52) Toluene	10.15	92	68670	5.557	ug/l	99
53) t-1,3-Dichloropropene	10.28	75	5525	0.803	ug/l #	1
55) 1,1,2-Trichloroethane	10.59	97	1157	0.257	ug/l #	13
59) 2-Hexanone	10.75	43	2169	0.533	ug/l	92
60) Dibromochloromethane	10.62	129	234	Below Cal	#	11
64) Tetrachloroethene	10.63	164	1397	0.354	ug/l #	81
67) Ethyl Benzene	11.51	91	4971	0.222	ug/l #	74
68) m/p-Xylenes	11.62	106	9783	1.161	ug/l	99
69) o-Xylene	11.95	106	4387	0.541	ug/l	95
71) Bromoform	12.39	173	126	0.738	ug/l #	29
76) 1,2,3-Trichloropropane	12.41	75	160363	33.305	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	160363	101.152	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	3330	0.204	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.28	75	594	0.585	ug/l #	5
95) Naphthalene	15.13	128	13080	0.987	ug/l #	96

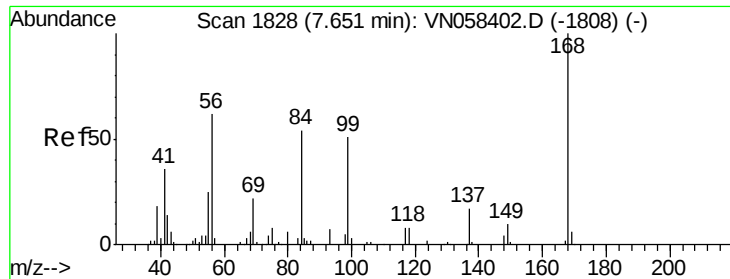
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

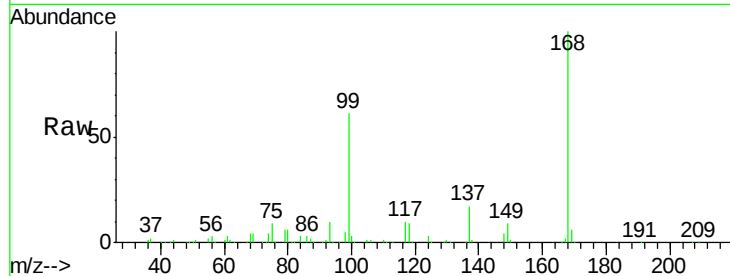
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 428240

Ion Ratio Lower Upper

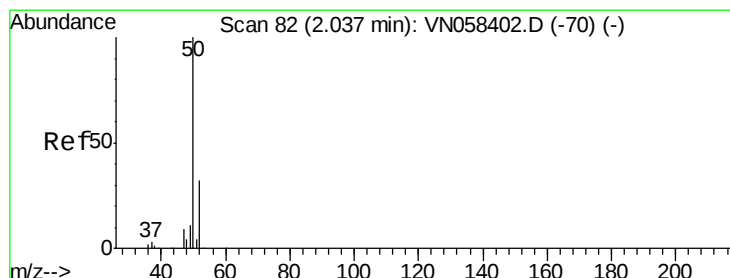
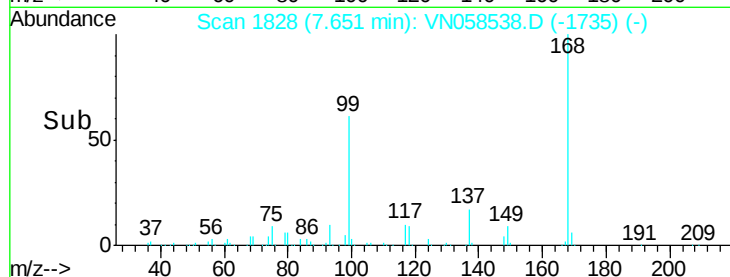
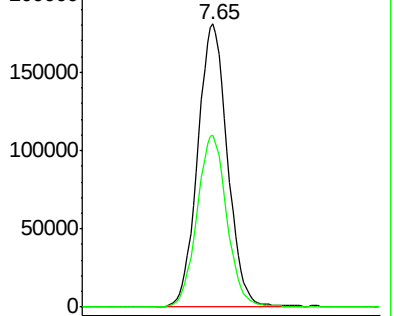
168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.346 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058538.D

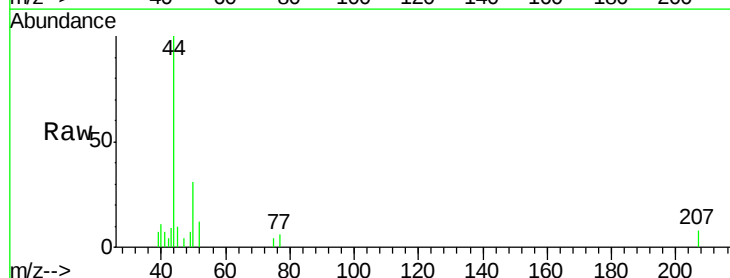
Acq: 4 Oct 2019 14:20

Tgt Ion: 50 Resp: 1787

Ion Ratio Lower Upper

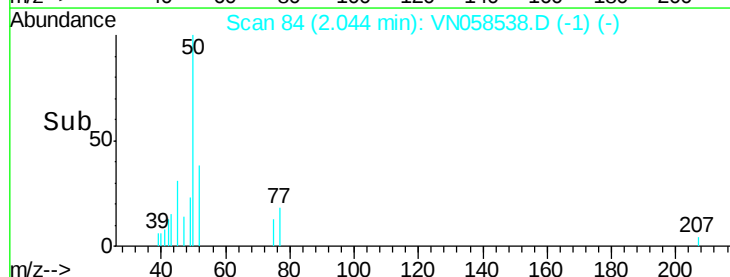
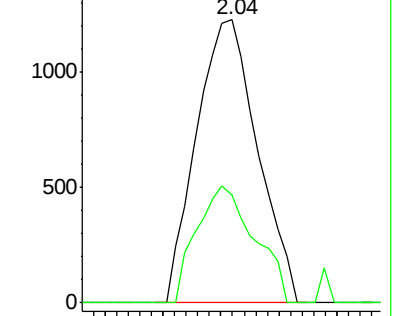
50 100

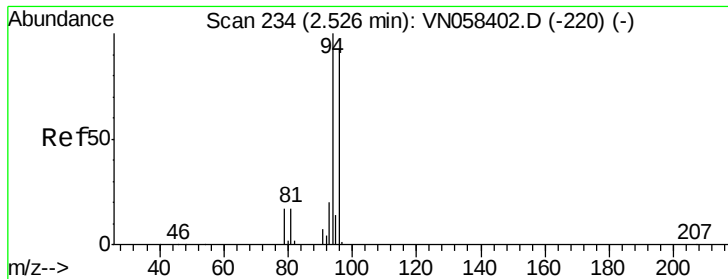
52 38.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: 0.281 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.03 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

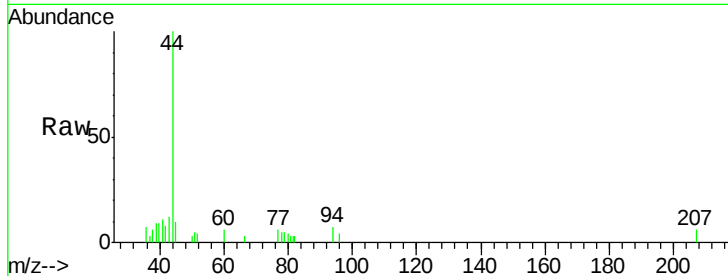
ClientSampled :

Tot Ion: 94 Resp: 754

Ion Ratio Lower Upper

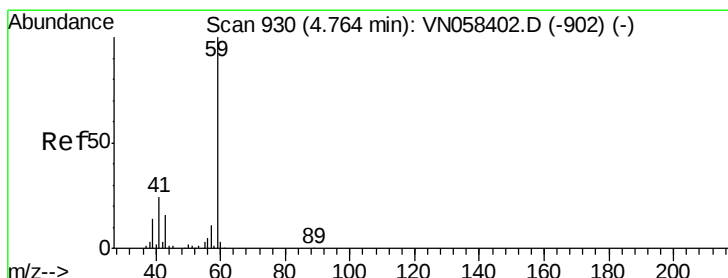
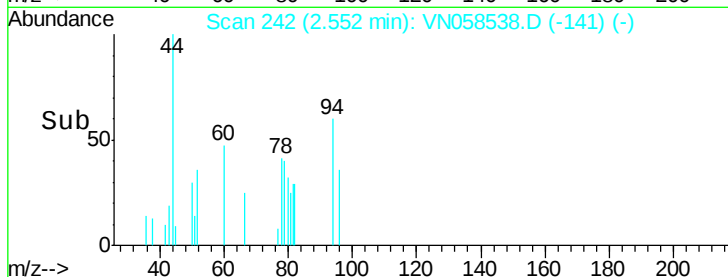
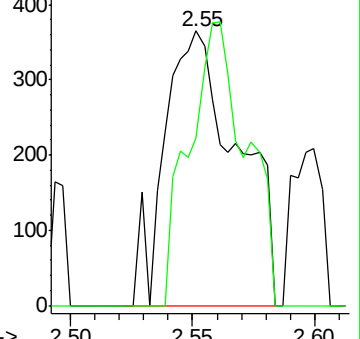
94 100

96 61.1 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 0.978 ug/l

RT: 4.76 min Scan# 929

Delta R.T. -0.00 min

Lab File: VN058538.D

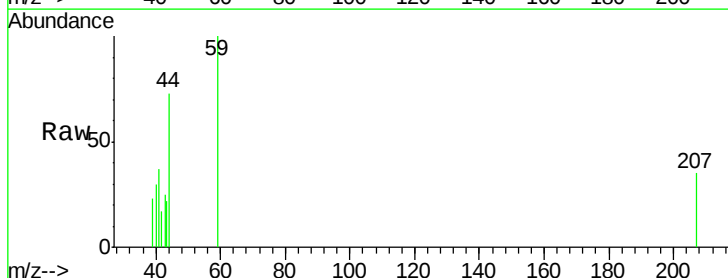
Acq: 4 Oct 2019 14:20

Tgt Ion: 59 Resp: 680

Ion Ratio Lower Upper

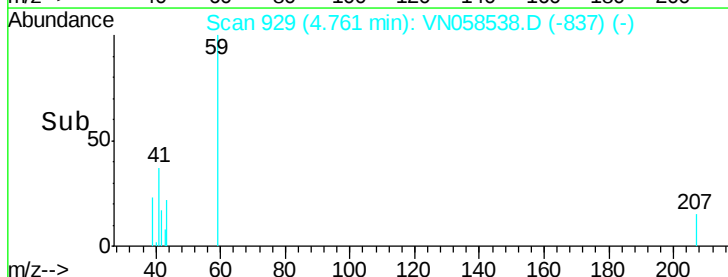
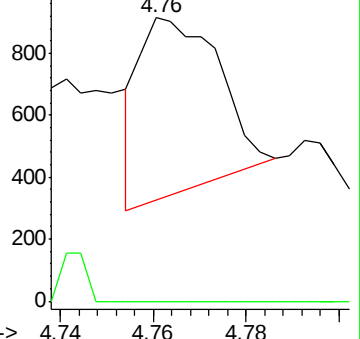
59 100

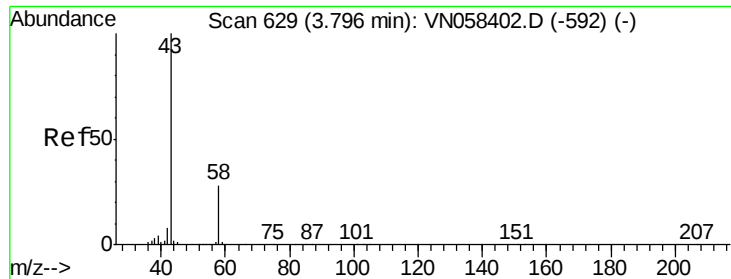
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

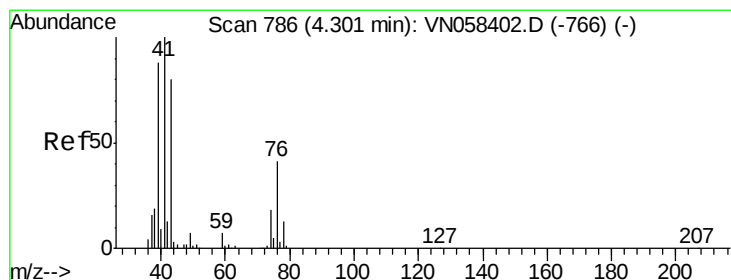
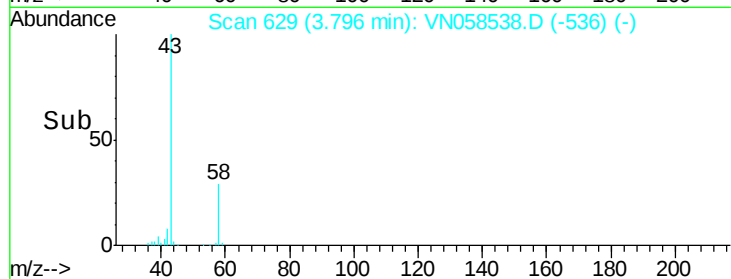
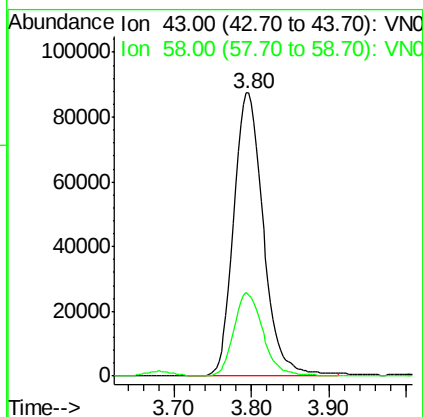
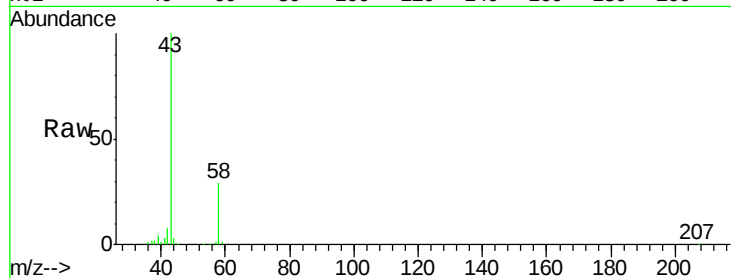




#16
Acetone
Concen: 109.123 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058538.D
Acq: 4 Oct 2019 14:20

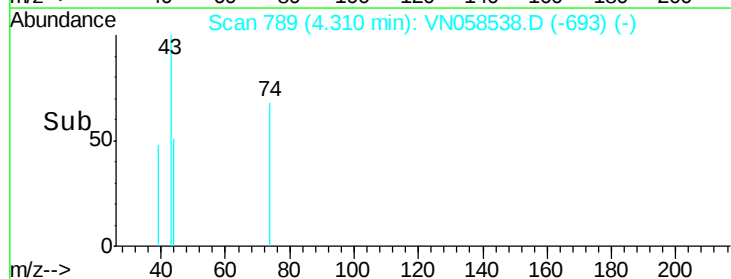
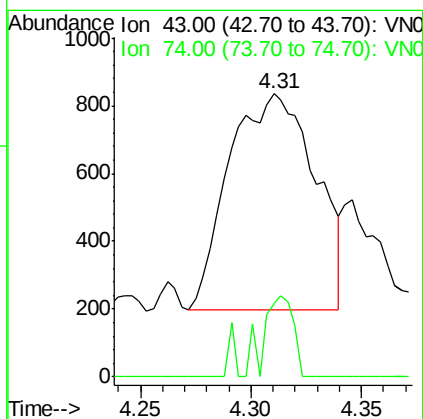
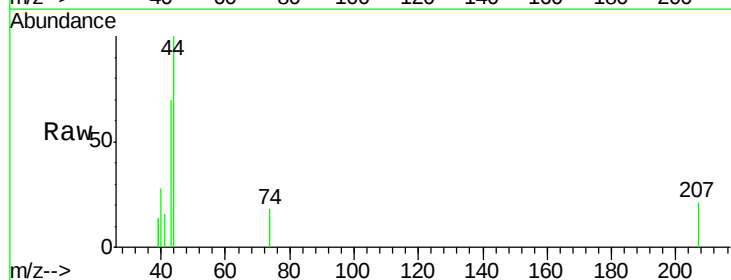
Instrument :
MSVOA_N
ClientSampleId :

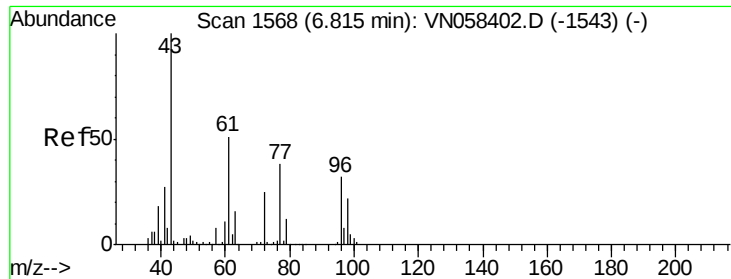
Tot Ion: 43 Resp: 232792
Ion Ratio Lower Upper
43 100
58 28.6 22.4 33.6



#18
Methyl Acetate
Concen: 0.322 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058538.D
Acq: 4 Oct 2019 14:20

Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
74 13.1 18.0 27.0#





#25

2-Butanone

Concen: 8.302 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

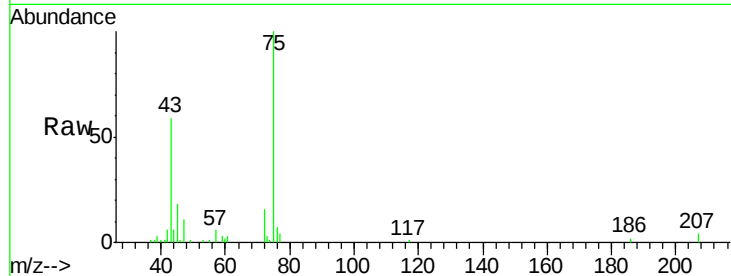
ClientSampleId :

Tot Ion: 43 Resp: 24317

Ion Ratio Lower Upper

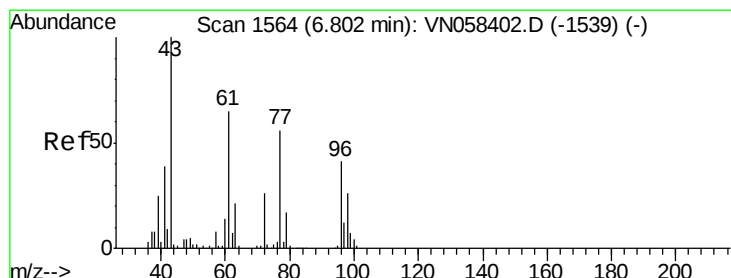
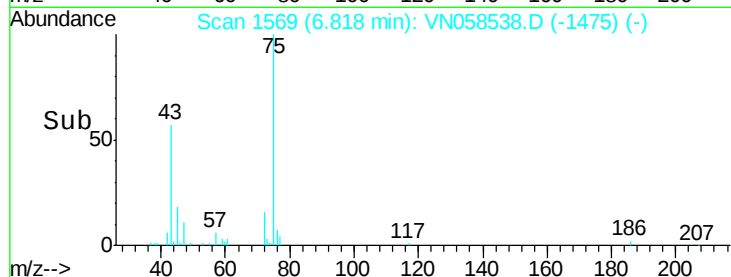
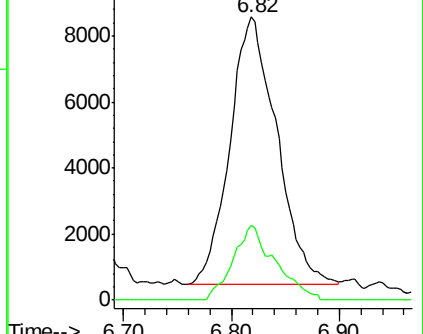
43 100

72 28.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 0.204 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN058538.D

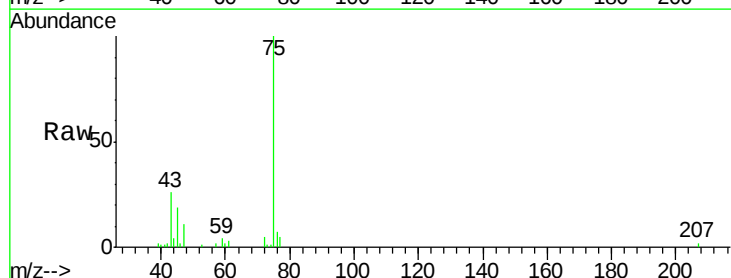
Acq: 4 Oct 2019 14:20

Tgt Ion: 77 Resp: 1491

Ion Ratio Lower Upper

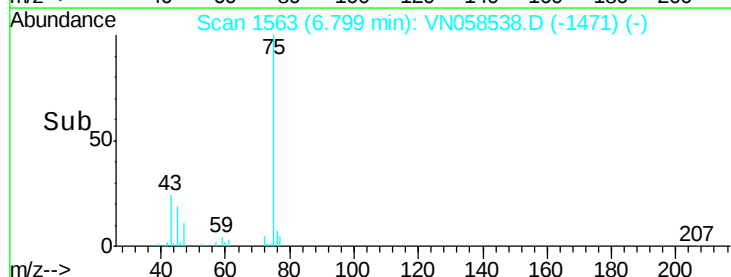
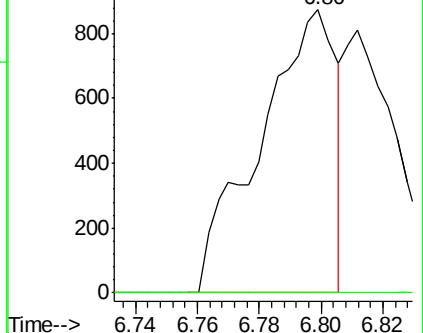
77 100

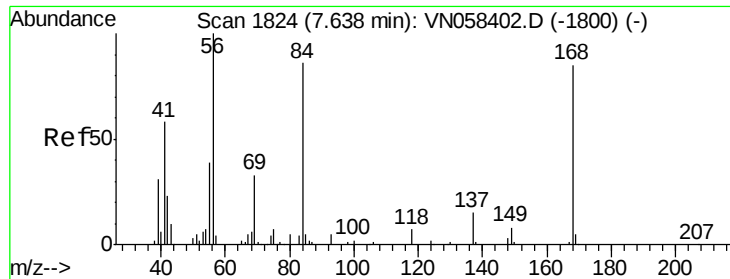
97 0.0 10.9 32.6#



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#31

Cyclohexane

Concen: 1.273 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :
MSVOA_N
ClientSampleId :

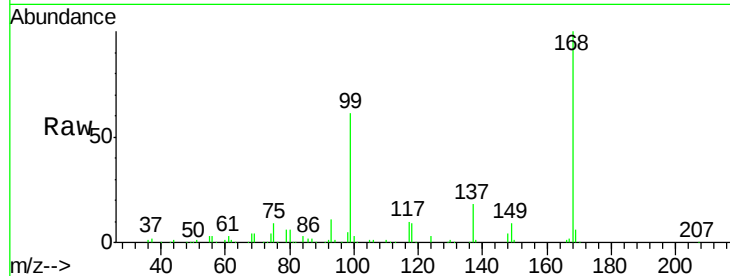
Tot Ion: 56 Resp: 11023

Ion Ratio Lower Upper

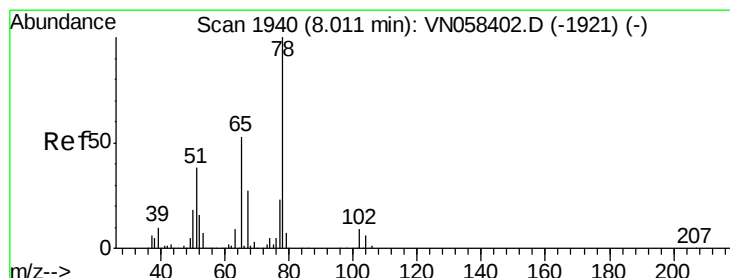
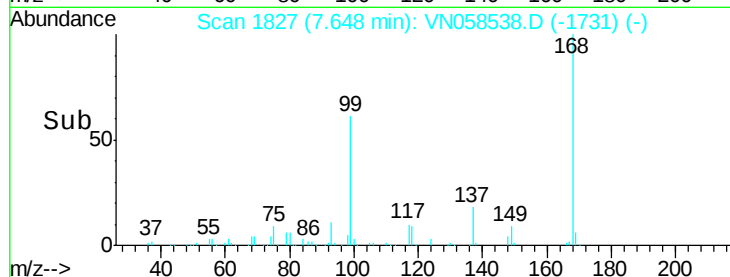
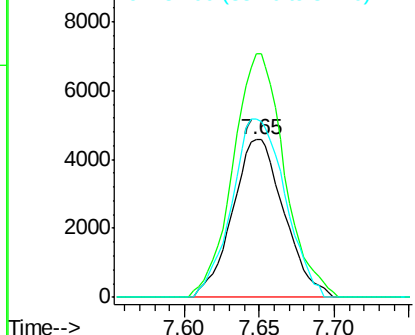
56 100

69 154.2 26.2 39.4#

84 113.1 67.6 101.4#



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



#33

1,2-Dichloroethane-d4

Concen: 48.120 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058538.D

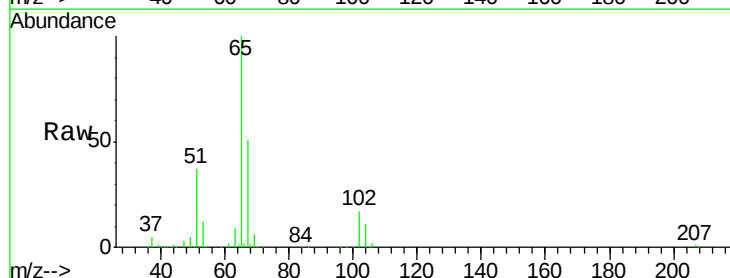
Acq: 4 Oct 2019 14:20

Tgt Ion: 65 Resp: 301134

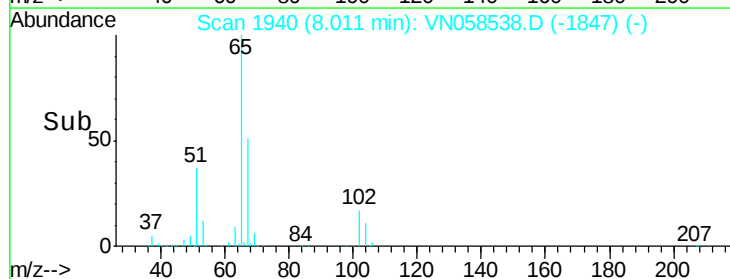
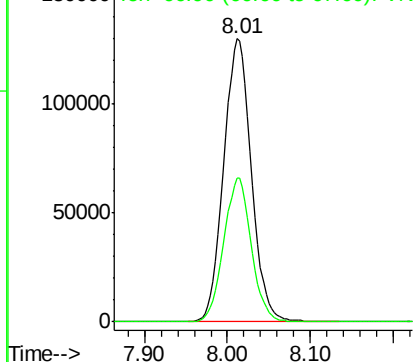
Ion Ratio Lower Upper

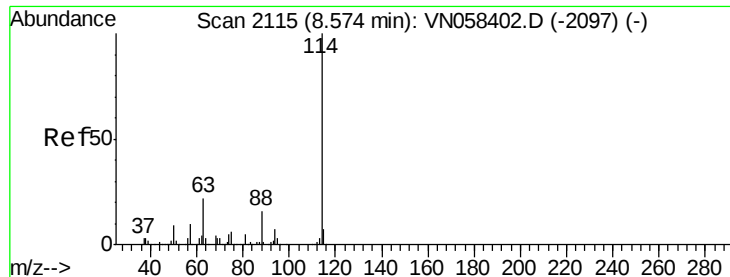
65 100

67 50.6 0.0 102.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

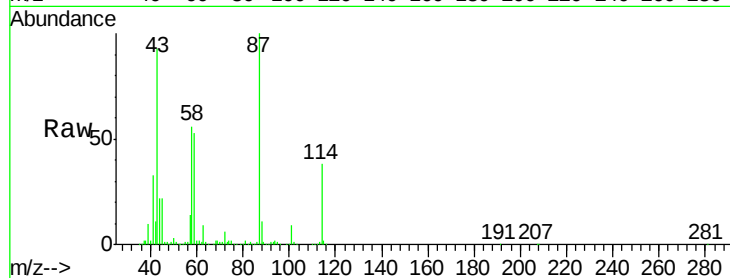
Tot Ion:114 Resp: 714273

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

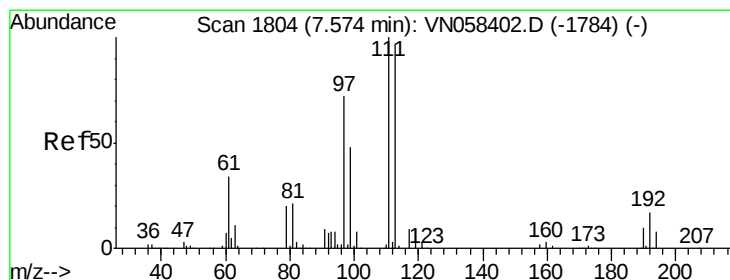
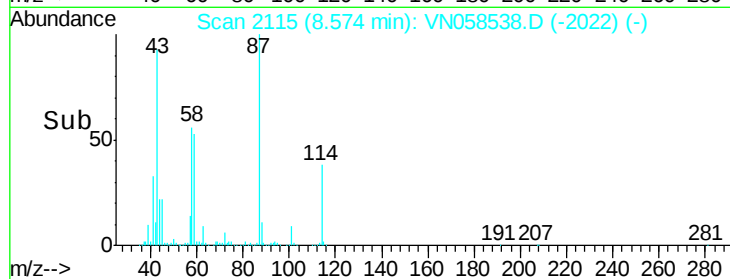
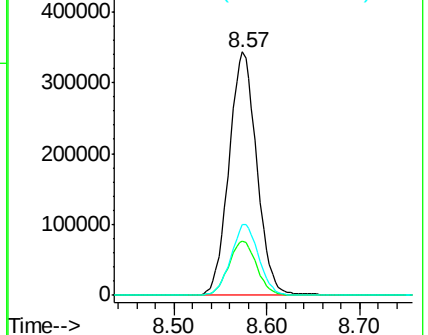
88 28.9 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.284 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

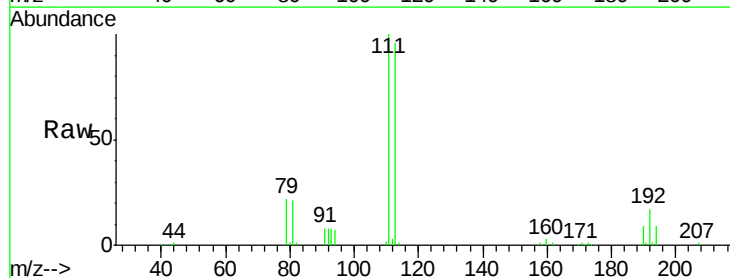
Tgt Ion:113 Resp: 202617

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

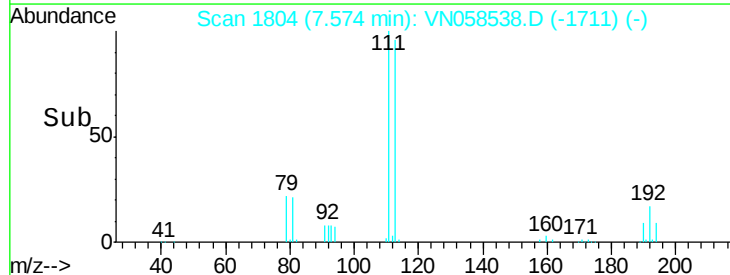
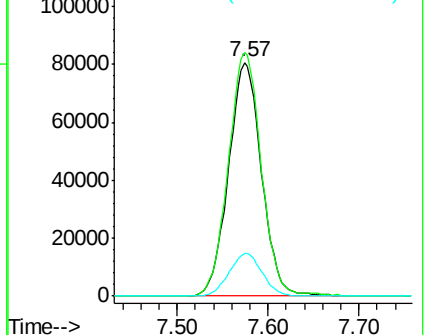
192 18.4 14.9 22.3

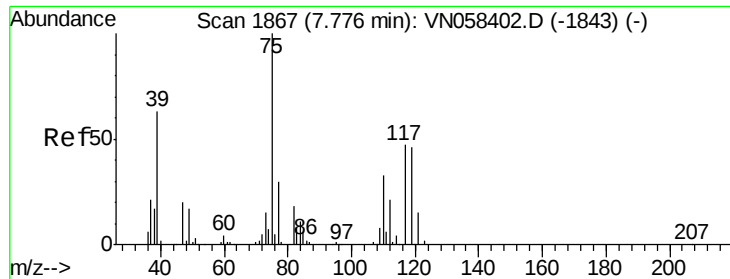


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

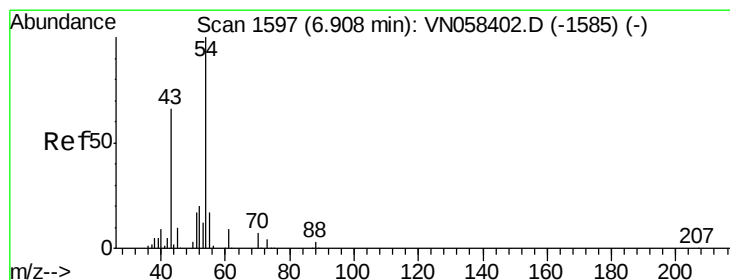
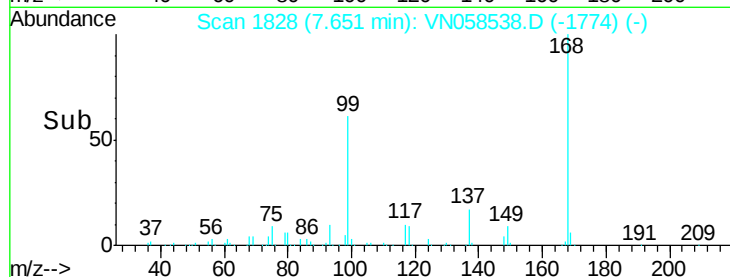
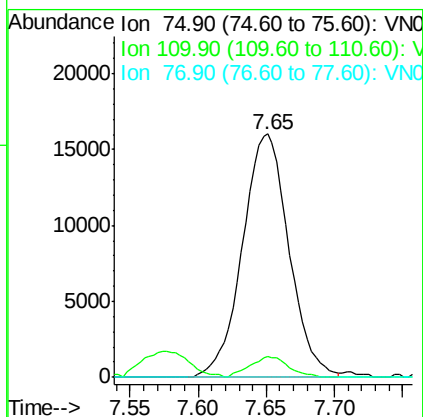
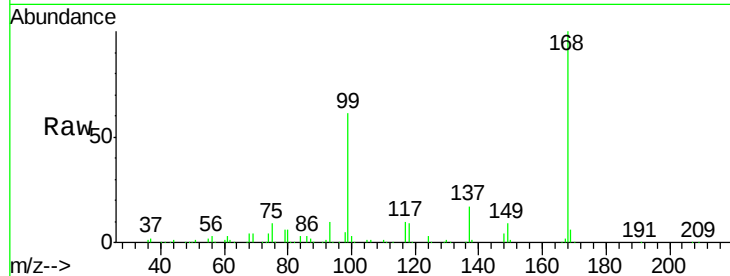




#36
 1,1-Dichloropropene
 Concen: 5.546 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058538.D
 Acq: 4 Oct 2019 14:20

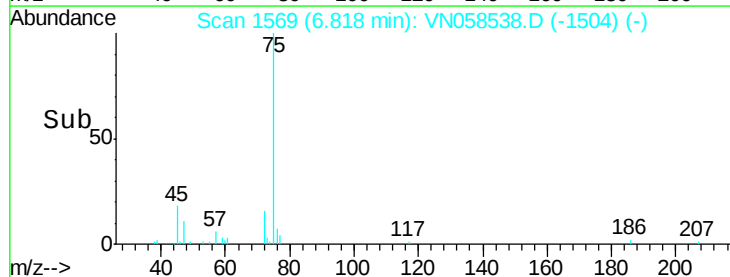
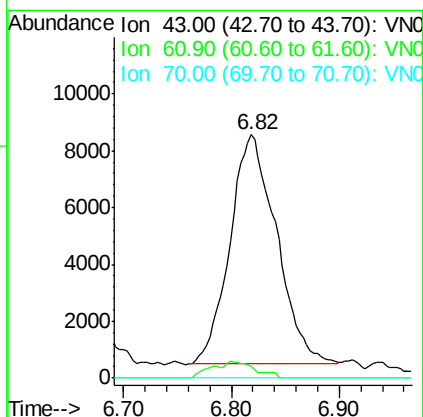
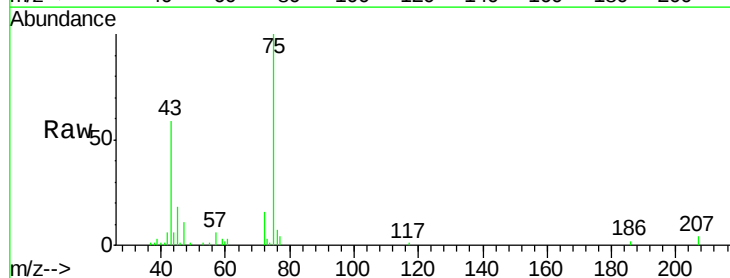
Instrument :
 MSVOA_N
 ClientSampled :

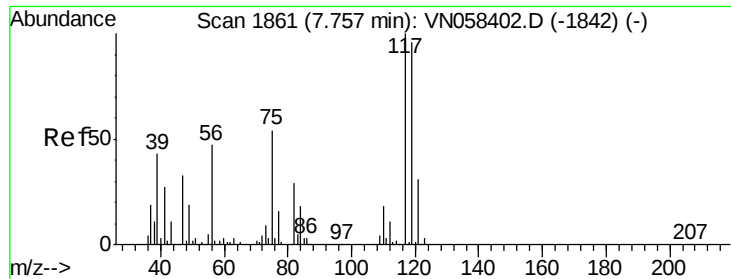
Tot Ion: 75 Resp: 37876
 Ion Ratio Lower Upper
 75 100
 110 7.1 16.4 49.2#
 77 0.0 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 4.199 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.09 min
 Lab File: VN058538.D
 Acq: 4 Oct 2019 14:20

Tgt Ion: 43 Resp: 24317
 Ion Ratio Lower Upper
 43 100
 61 4.4 10.5 15.7#
 70 0.0 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 7.142 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

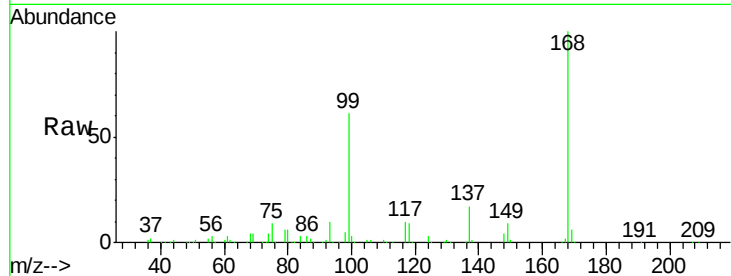
Tot Ion:117 Resp: 44029

Ion Ratio Lower Upper

117 100

119 4.6 76.6 115.0#

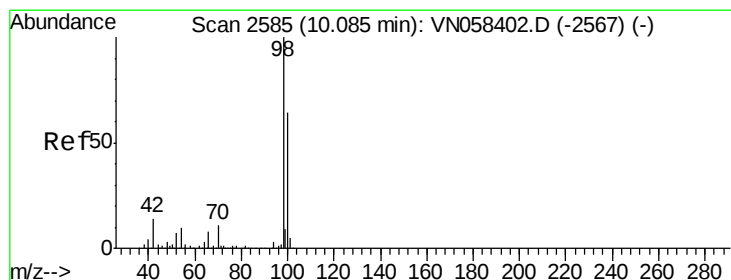
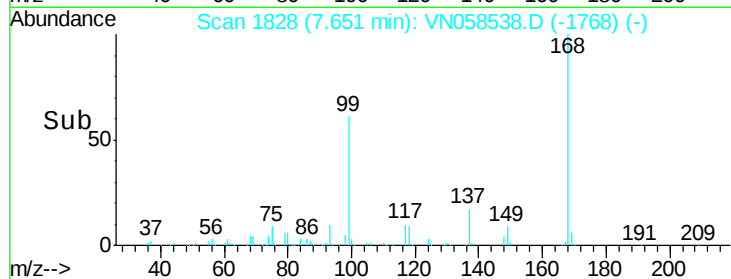
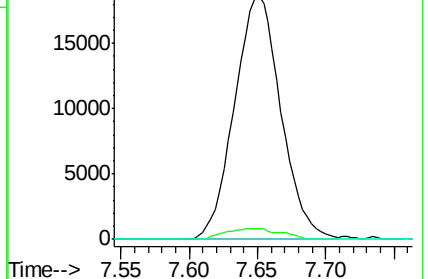
121 0.0 24.7 37.1#



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



#50

Toluene-d8

Concen: 50.620 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058538.D

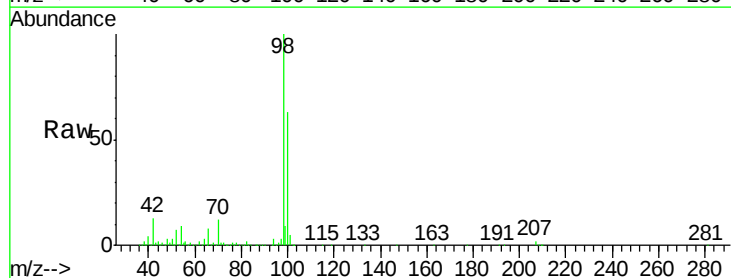
Acq: 4 Oct 2019 14:20

Tgt Ion: 98 Resp: 868090

Ion Ratio Lower Upper

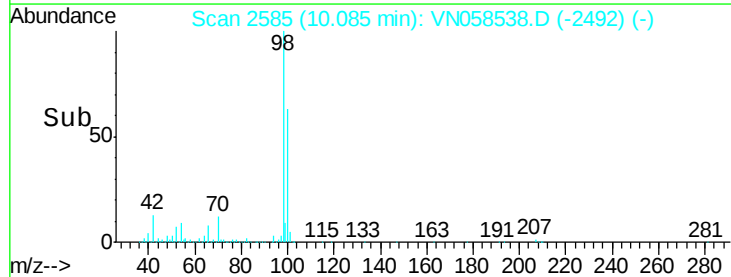
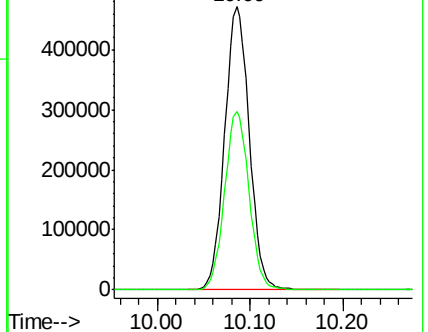
98 100

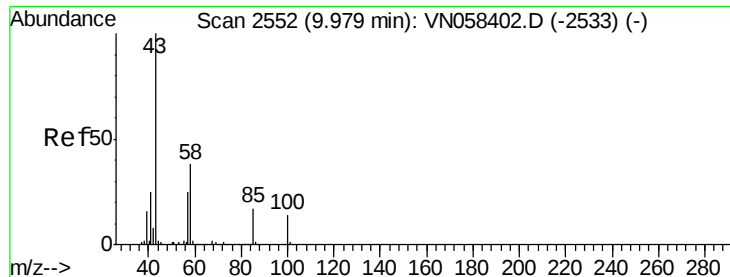
100 62.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.425 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

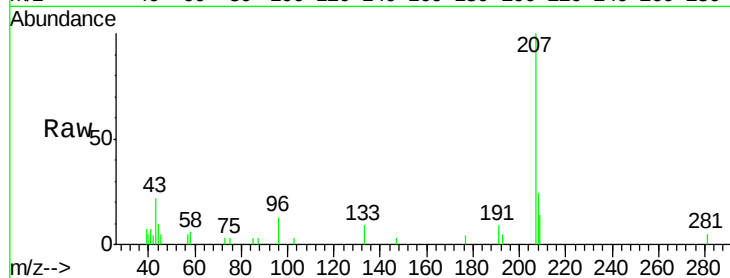
ClientSampled :

Tot Ion: 43 Resp: 2377

Ion Ratio Lower Upper

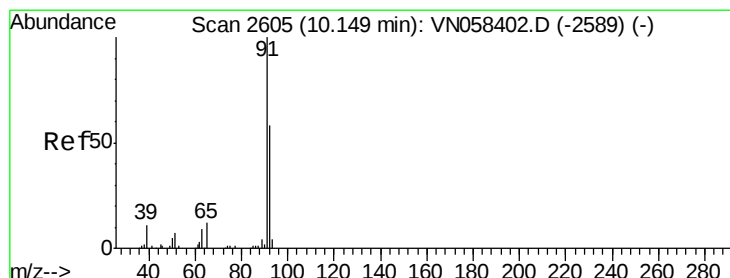
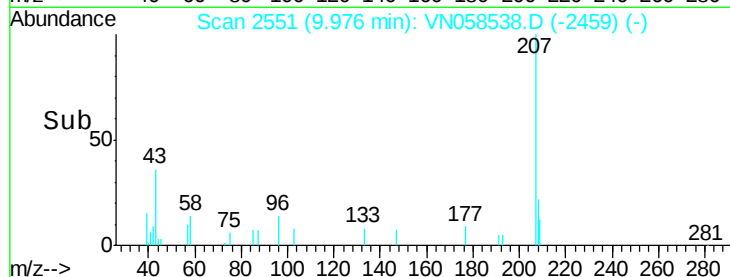
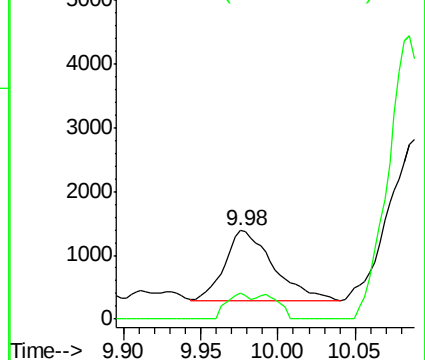
43 100

58 17.9 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058402.D (-2533) (-)



#52

Toluene

Concen: 5.557 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058538.D

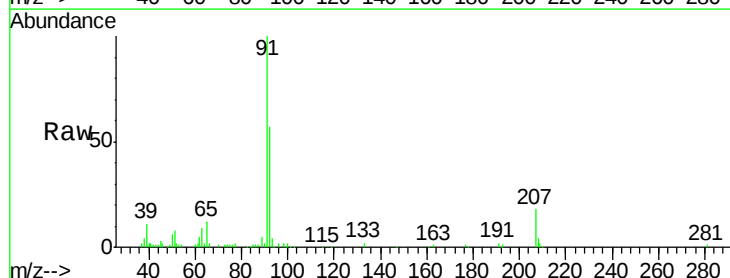
Acq: 4 Oct 2019 14:20

Tgt Ion: 92 Resp: 68670

Ion Ratio Lower Upper

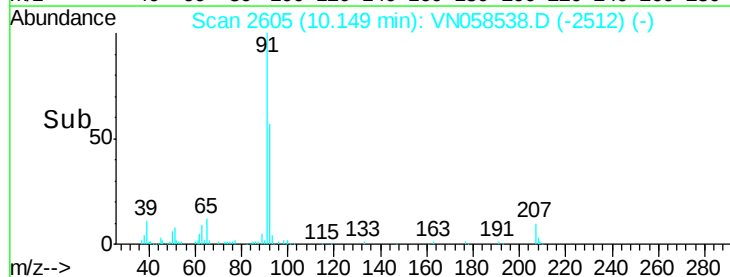
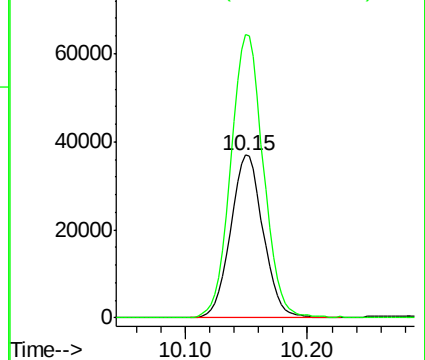
92 100

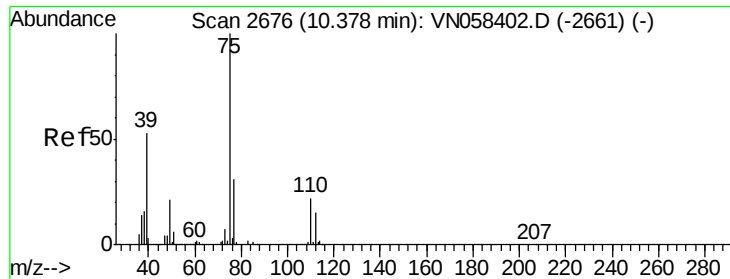
91 174.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN058402.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN058402.D (-2589) (-)





#53

t-1,3-Dichloropropene

Concen: 0.803 ug/l

RT: 10.28 min Scan# 2647

Delta R.T. -0.09 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

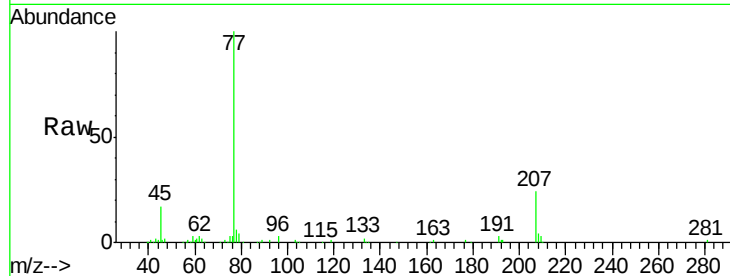
ClientSampleId :

Tot Ion: 75 Resp: 5525

Ion Ratio Lower Upper

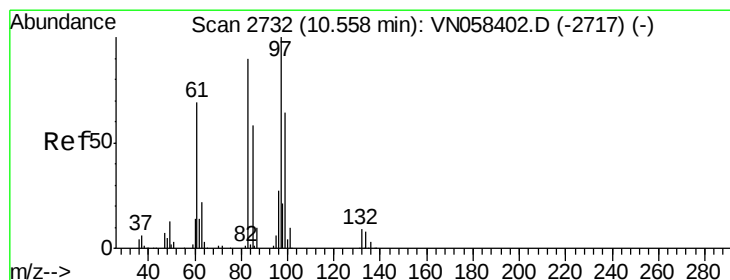
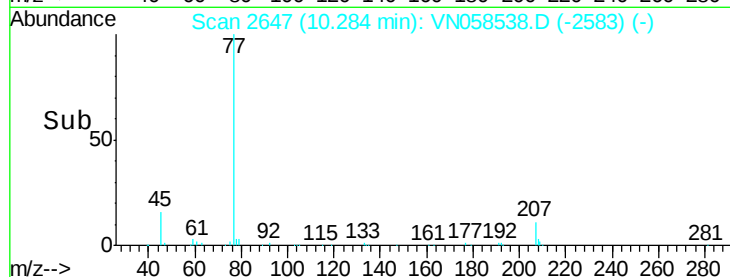
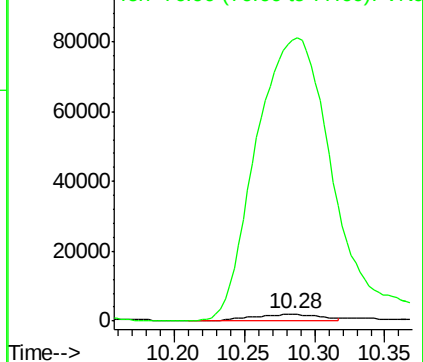
75 100

77 4251.7 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 76.90 (76.60 to 77.60): VNC



#55

1,1,2-Trichloroethane

Concen: 0.257 ug/l

RT: 10.59 min Scan# 2741

Delta R.T. 0.03 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Tgt Ion: 97 Resp: 1157

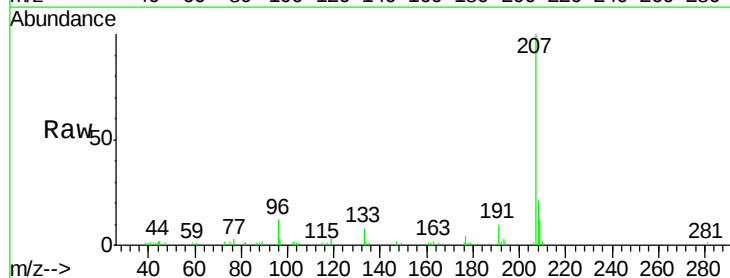
Ion Ratio Lower Upper

97 100

83 0.0 71.8 107.6#

85 0.0 46.6 69.8#

99 0.0 51.5 77.3#

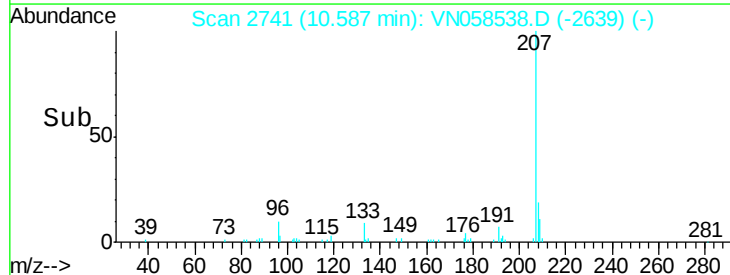
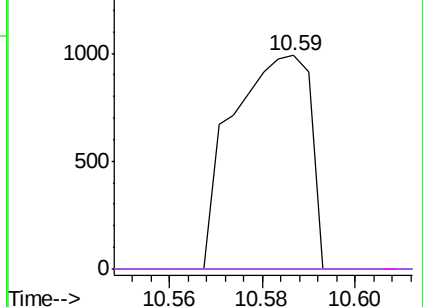


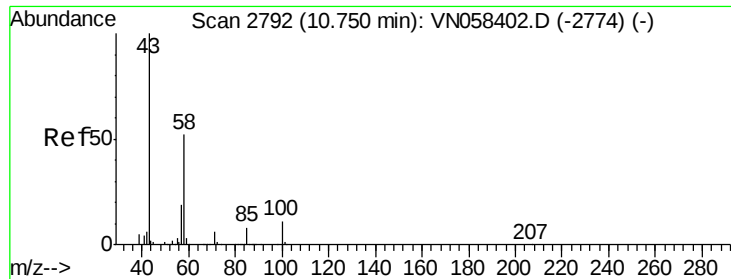
Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC





#59

2-Hexanone

Concen: 0.533 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

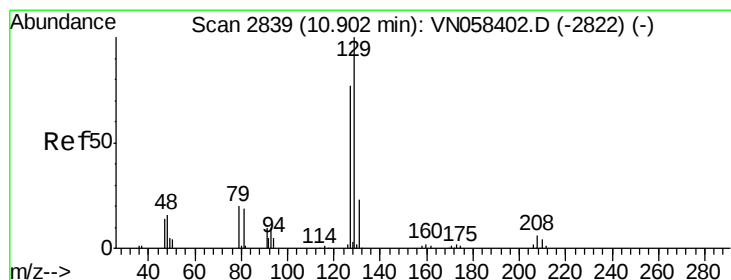
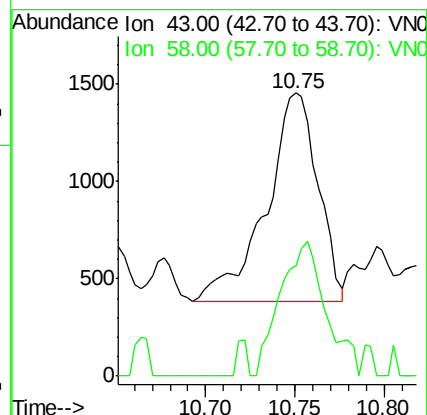
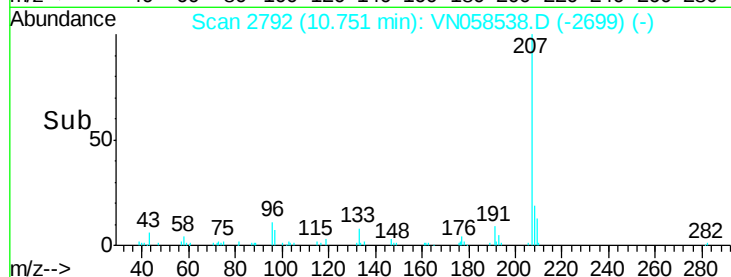
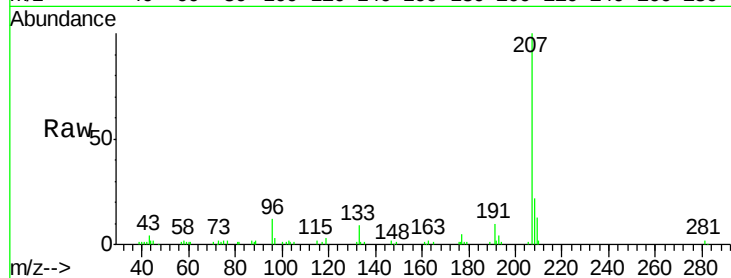
ClientSampleId :

Tot Ion: 43 Resp: 2169

Ion Ratio Lower Upper

43 100

58 56.9 25.8 77.3



#60

Dibromochloromethane

Concen: Below Cal

RT: 10.62 min Scan# 2752

Delta R.T. -0.28 min

Lab File: VN058538.D

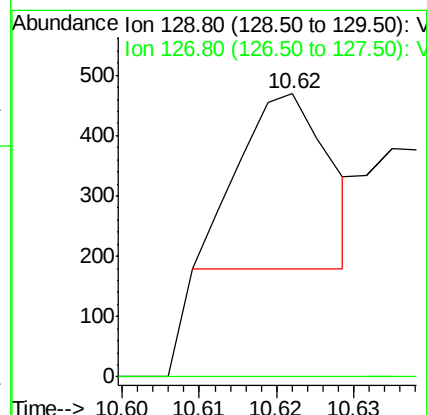
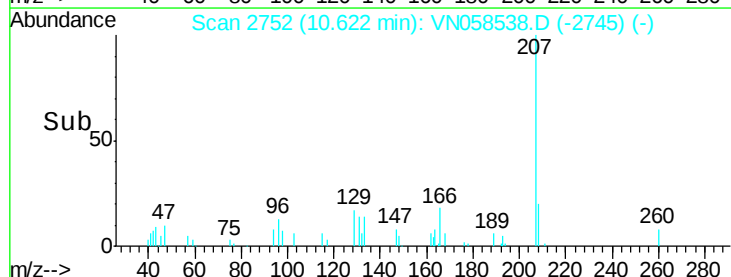
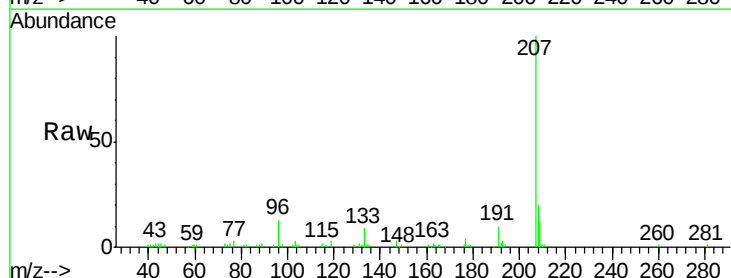
Acq: 4 Oct 2019 14:20

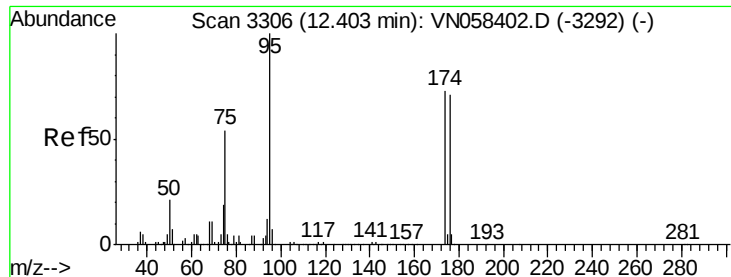
Tgt Ion: 129 Resp: 234

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 46.340 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

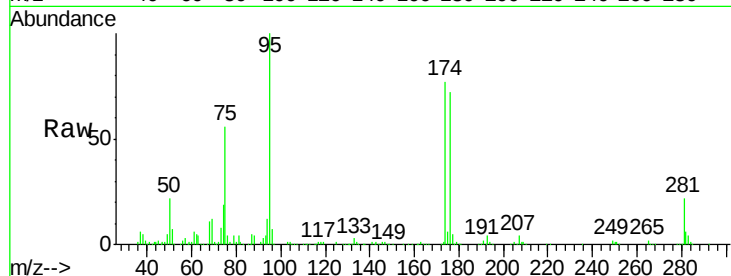
Tot Ion: 95 Resp: 287347

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.6

176 72.4 0.0 146.2

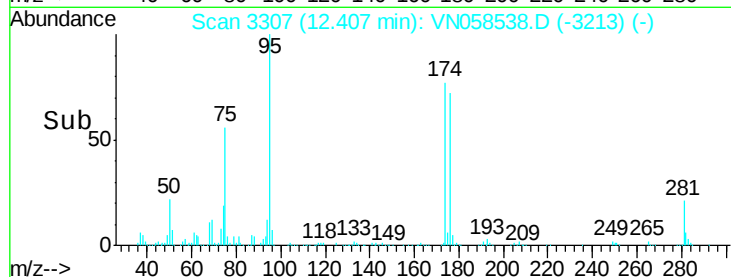


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

Time--> 12.30 12.40 12.50

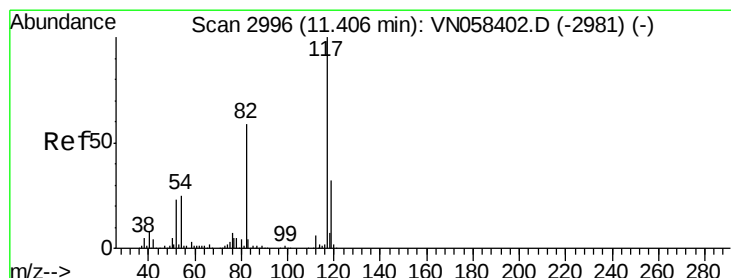


Abundance Ion 94.90 (94.60 to 95.60): VN058538.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058538.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058538.D (-3213) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

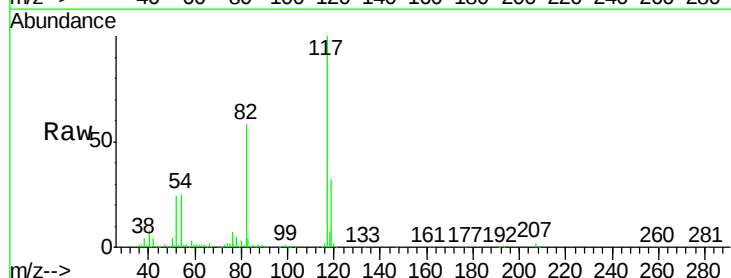
Tgt Ion: 117 Resp: 621868

Ion Ratio Lower Upper

117 100

82 58.2 47.4 71.0

119 31.9 25.5 38.3

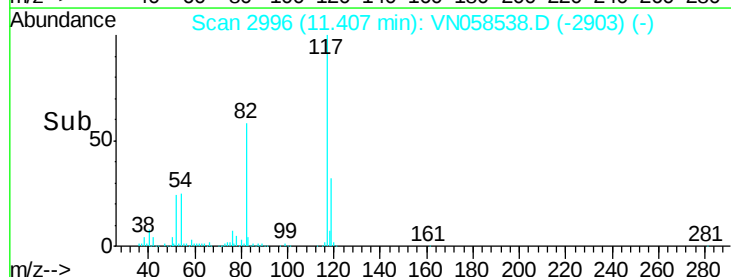


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

Time--> 11.30 11.40 11.50

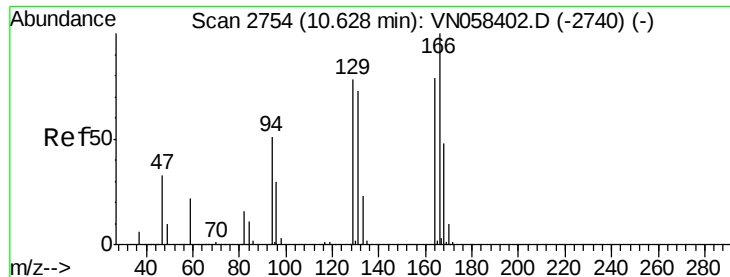


Abundance Ion 116.90 (116.60 to 117.60): VN058538.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058538.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058538.D (-2903) (-)

Time--> 11.30 11.40 11.50



#64

Tetrachloroethene

Concen: 0.354 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 1397

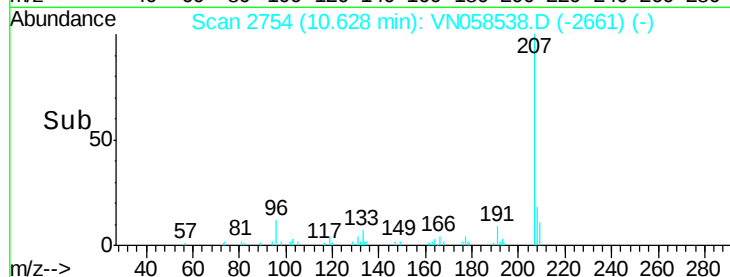
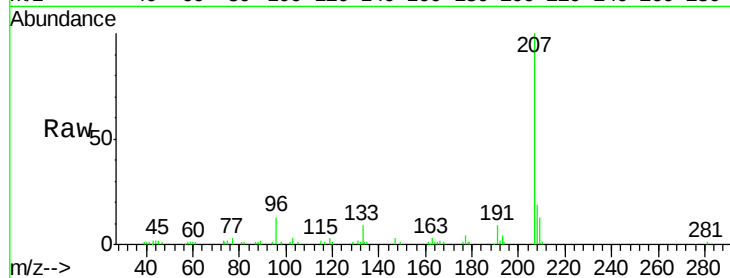
Ion Ratio Lower Upper

164 100

166 116.1 101.1 151.7

129 63.5 79.2 118.8#

131 107.5 74.1 111.1



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

Time-->

10.63

10.63

10.63

10.63

10.63

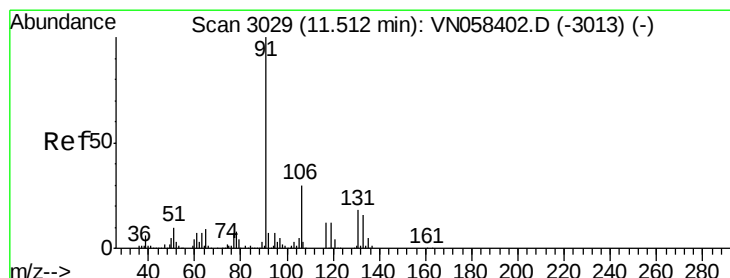
10.63

10.63

10.63

10.63

10.63



#67

Ethyl Benzene

Concen: 0.222 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058538.D

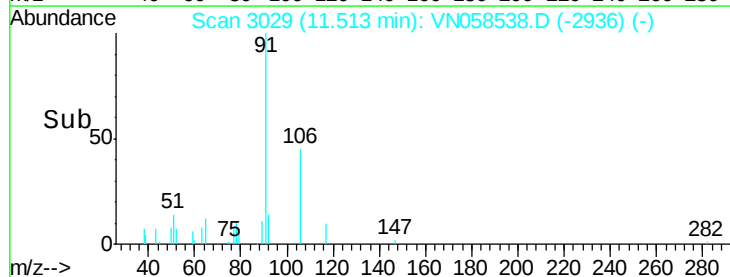
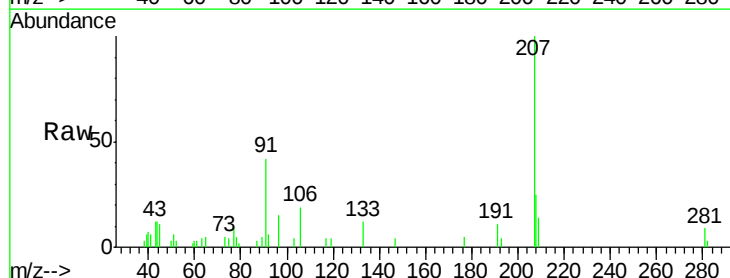
Acq: 4 Oct 2019 14:20

Tgt Ion: 91 Resp: 4971

Ion Ratio Lower Upper

91 100

106 44.7 24.3 36.5#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

Time-->

11.51

11.51

11.51

11.51

11.51

11.51

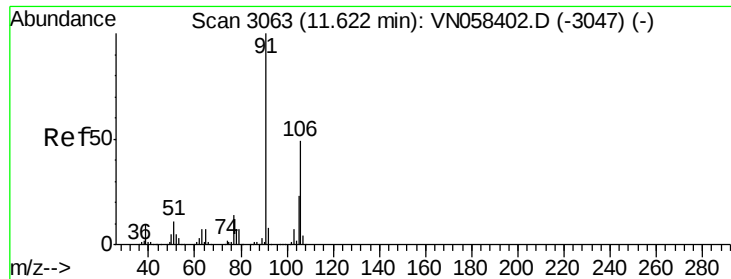
11.51

11.51

11.51

11.51

11.51



#68

m/p-Xylenes

Concen: 1.161 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

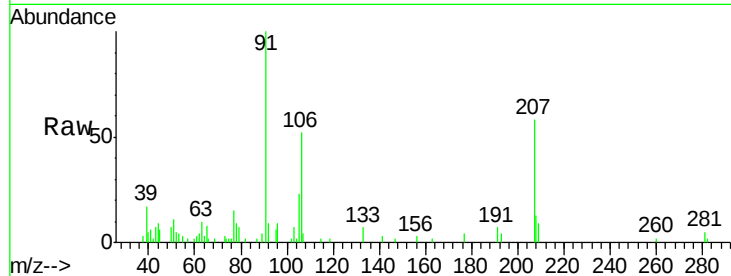
ClientSampleId :

Tot Ion:106 Resp: 9783

Ion Ratio Lower Upper

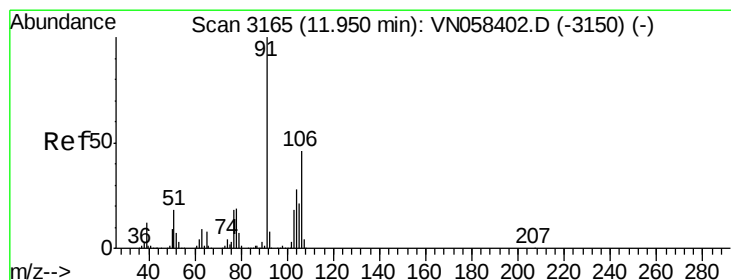
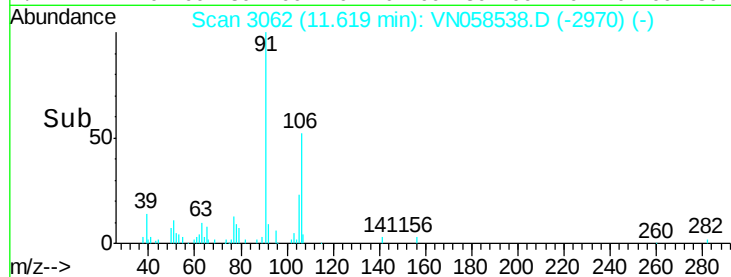
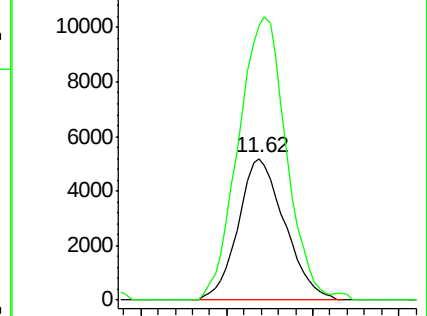
106 100

91 204.4 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.541 ug/l

RT: 11.95 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN058538.D

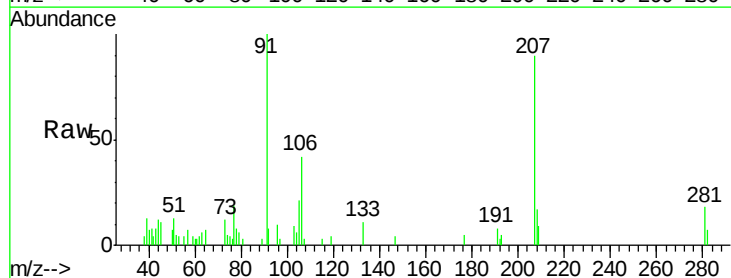
Acq: 4 Oct 2019 14:20

Tgt Ion:106 Resp: 4387

Ion Ratio Lower Upper

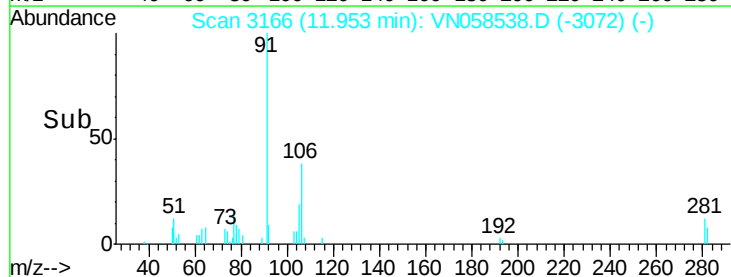
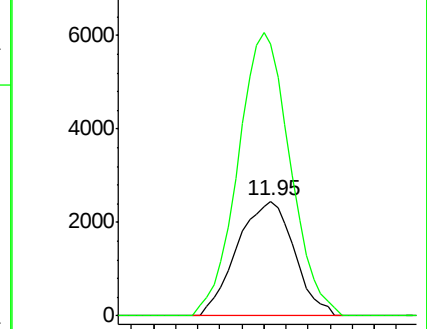
106 100

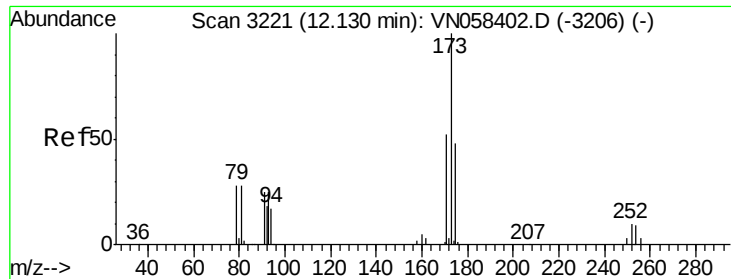
91 226.3 109.1 327.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

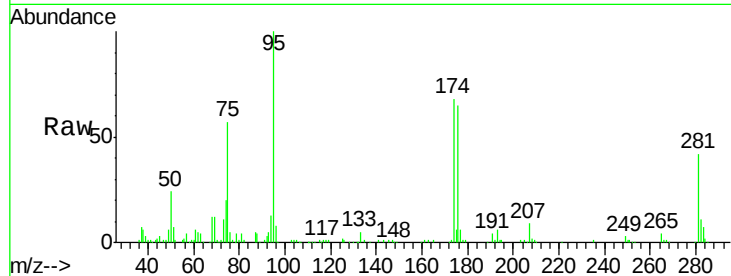




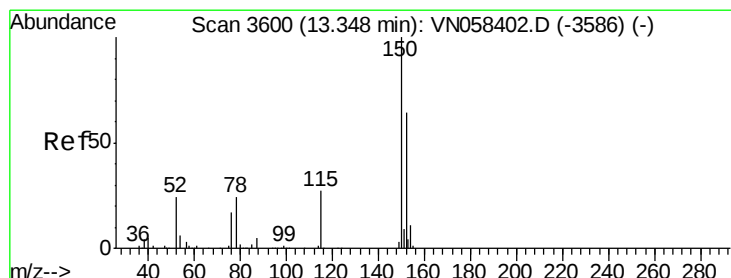
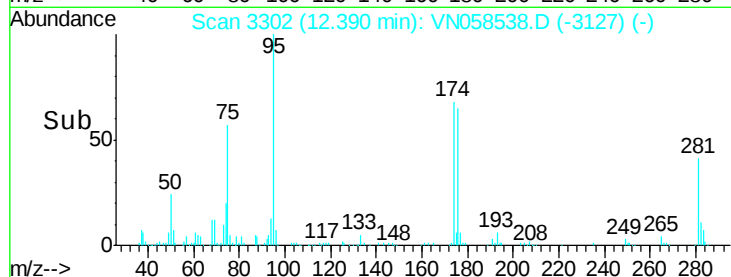
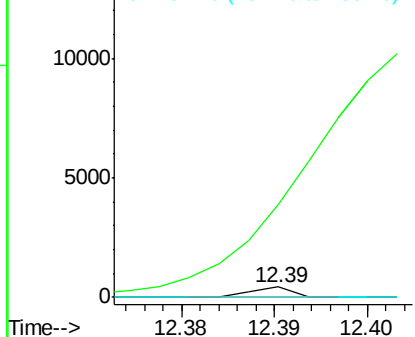
#71
Bromoform
Concen: 0.738 ug/l
RT: 12.39 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN058538.D
Acq: 4 Oct 2019 14:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 126
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.1 0.1#

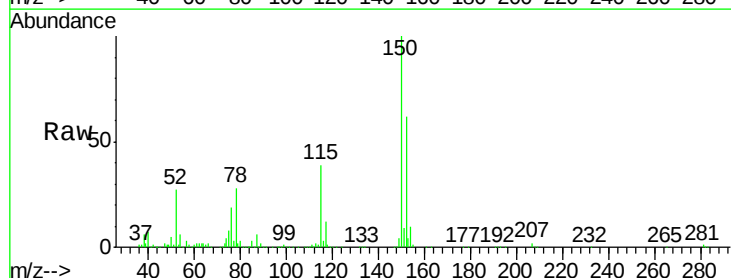


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

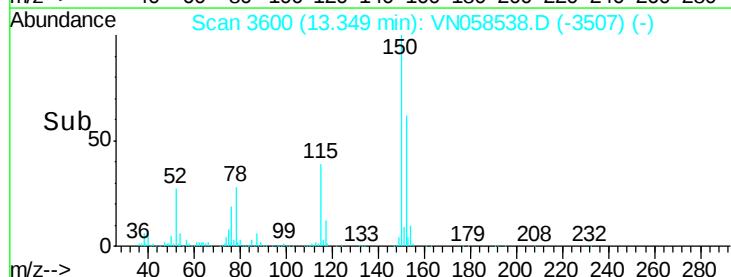
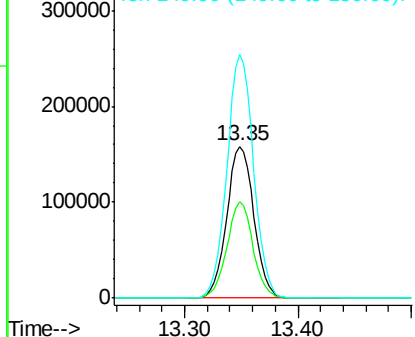


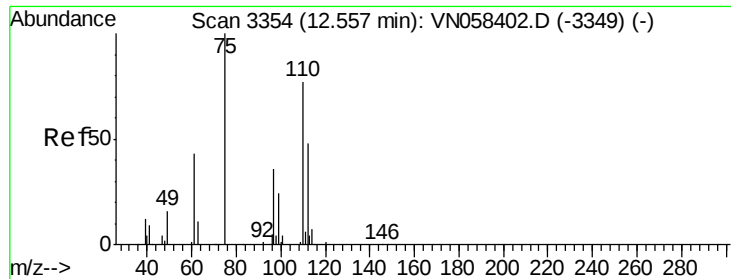
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058538.D
Acq: 4 Oct 2019 14:20

Tgt Ion:152 Resp: 263616
Ion Ratio Lower Upper
152 100
115 61.1 30.0 90.0
150 157.7 0.0 348.2



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





#76

1,2,3-Trichloropropane

Concen: 33.305 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

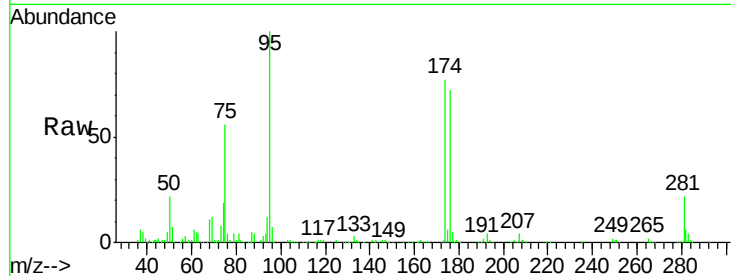
ClientSampled :

Tot Ion: 75 Resp: 160363

Ion Ratio Lower Upper

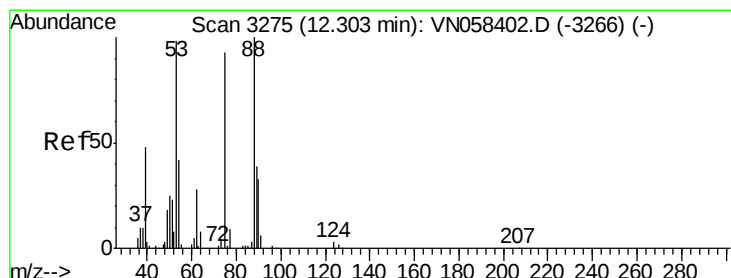
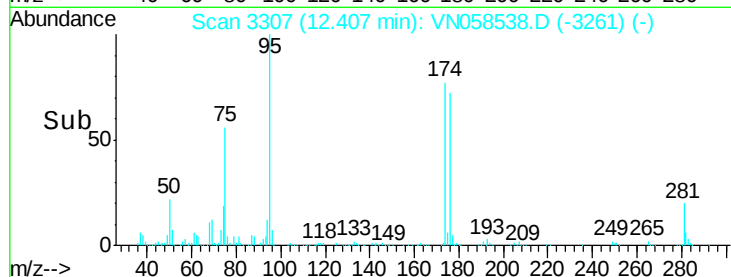
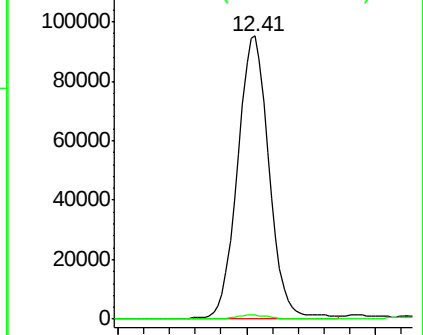
75 100

77 1.2 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: 101.152 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

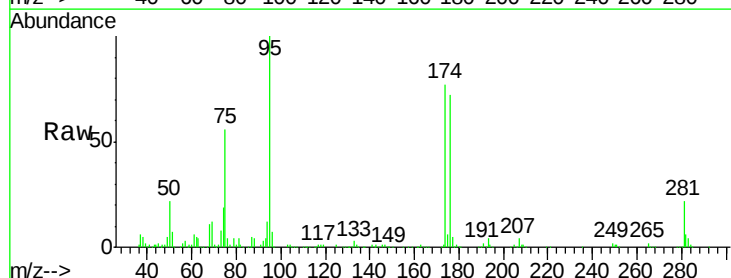
Tgt Ion: 75 Resp: 160363

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

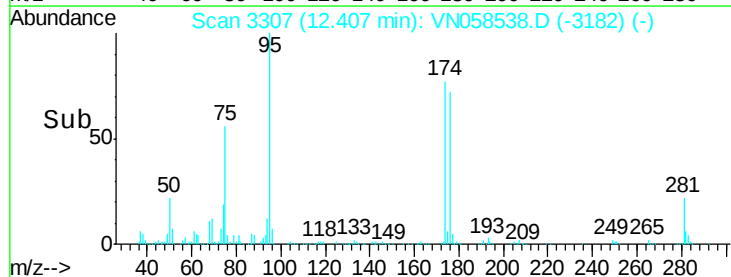
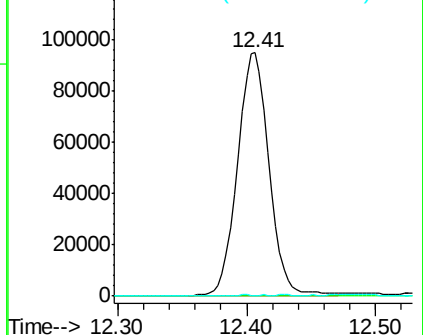
89 0.2 35.0 52.4#

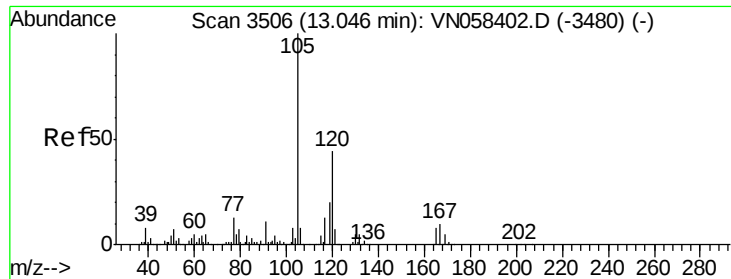


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

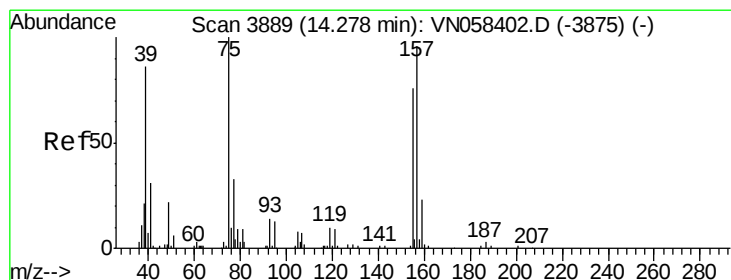
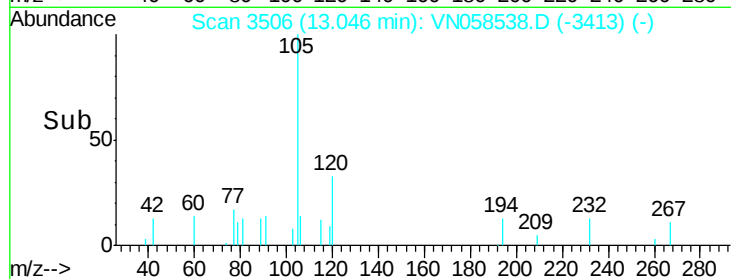
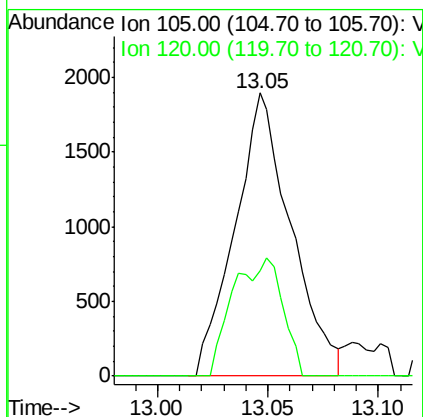
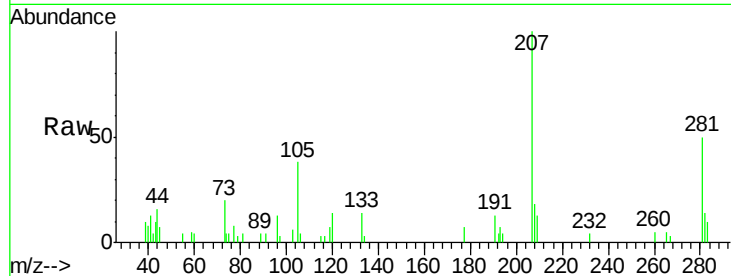




#84
 1,2,4-Trimethylbenzene
 Concen: 0.204 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058538.D
 Acq: 4 Oct 2019 14:20

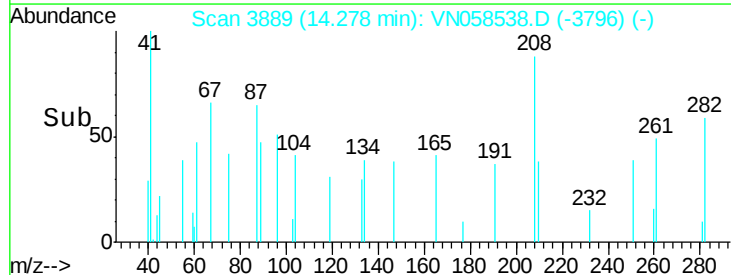
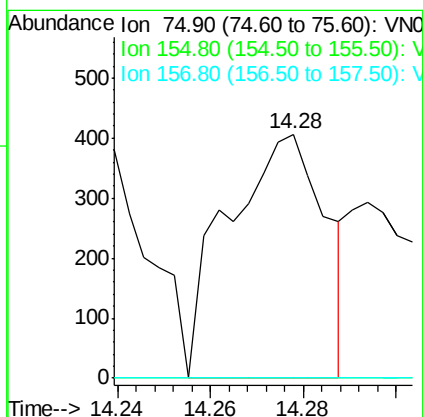
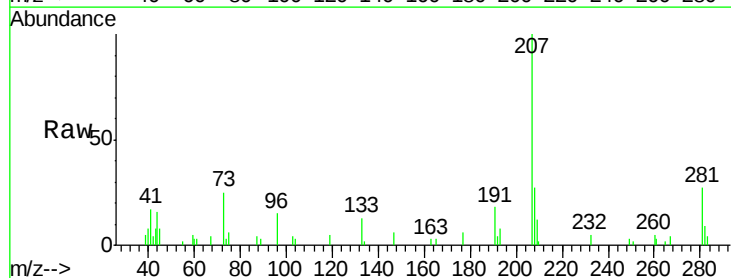
Instrument :
 MSVOA_N
 ClientSampleId :

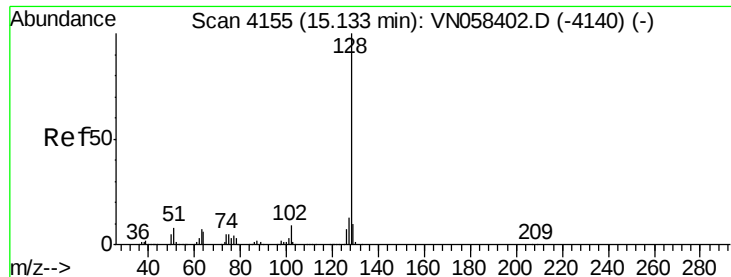
Tot Ion:105 Resp: 3330
 Ion Ratio Lower Upper
 105 100
 120 37.2 21.7 65.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.585 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058538.D
 Acq: 4 Oct 2019 14:20

Tgt Ion: 75 Resp: 594
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.2 117.6#
 157 0.0 48.7 146.1#





#95

Naphthalene

Concen: 0.987 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

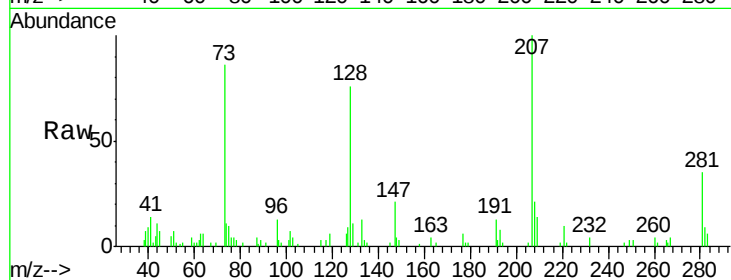
Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :



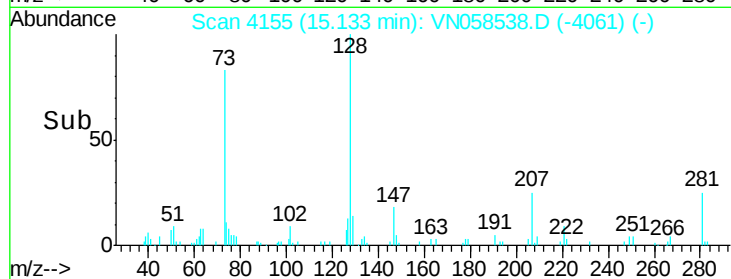
Tot Ion:128 Resp: 13080

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 12.9 8.3 12.5#



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

