

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050286.D
 Acq On : 3 Aug 2018 1:18
 Operator : MD\SY
 Sample : J4285-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KG-PIT-3

Quant Time: Aug 03 02:01:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301406	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	453567	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
35) Dibromofluoromethane	7.59	113	405755	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
50) Toluene-d8	10.09	98	1420626	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	
62) 4-Bromofluorobenzene	12.40	95	373285	35.82	ug/l	0.00
Spiked Amount			Recovery	=	71.64%	

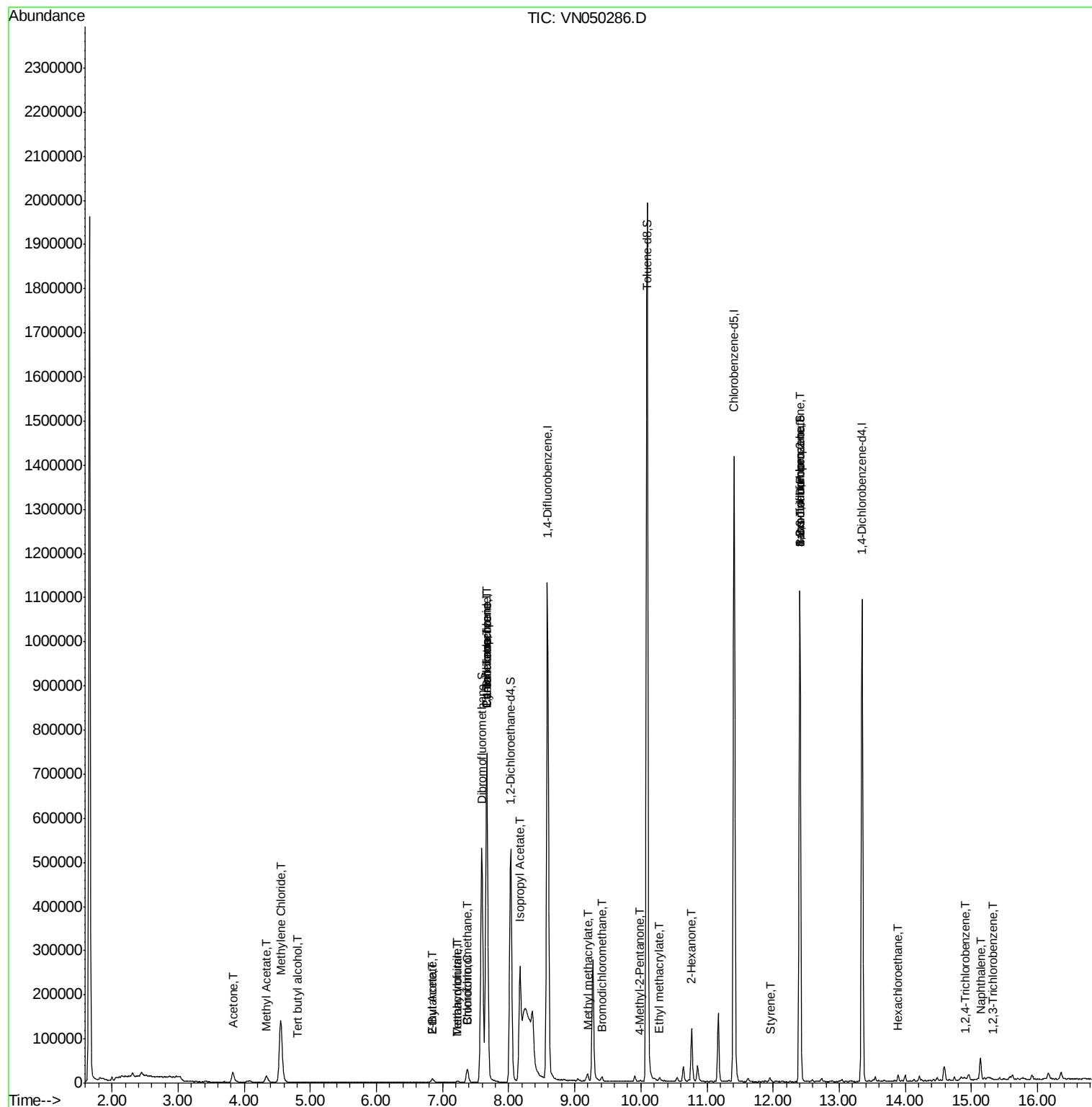
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	925	Below Cal		100
11) Tert butyl alcohol	4.80	59	421	0.65 ug/l	#	72
16) Acetone	3.83	43	37626	13.92 ug/l		100
18) Methyl Acetate	4.34	43	27340	1.80 ug/l		99
20) Methylene Chloride	4.55	84	111547	13.27 ug/l		99
25) 2-Butanone	6.85	43	11529	3.41 ug/l	#	89
28) Bromochloromethane	7.37	49	2220	0.33 ug/l	#	10
29) Tetrahydrofuran	7.23	42	2385	1.09 ug/l	#	65
30) Chloroform	7.37	83	31013	2.06 ug/l		96
31) Cyclohexane	7.67	56	12179	0.93 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	44497	3.75 ug/l	#	48
37) Ethyl Acetate	6.85	43	11529	1.39 ug/l	#	68
38) Carbon Tetrachloride	7.67	117	55978	4.44 ug/l	#	18
41) Methacrylonitrile	7.22	41	1284	3.03 ug/l	#	35
43) Isopropyl Acetate	8.17	43	324508	20.11 ug/l	#	92
47) Bromodichloromethane	9.41	83	5623	0.45 ug/l		98
48) Methyl methacrylate	9.19	41	9286	1.30 ug/l	#	23
51) 4-Methyl-2-Pentanone	9.99	43	2590	0.32 ug/l		95
56) Ethyl methacrylate	10.27	69	188	2.05 ug/l	#	1
59) 2-Hexanone	10.77	43	18859	8.26 ug/l		62
70) Styrene	11.97	104	210	0.93 ug/l	#	25
71) Bromoform	12.40	173	3834	0.62 ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.42	83	306	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.41	75	182590	32.60 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.41	75	182590	103.39 ug/l	#	13
90) Hexachloroethane	13.89	117	1138	0.28 ug/l	#	4
92) 1,2-Dibromo-3-Chloropropan	13.99	75	189	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	282	3.13 ug/l	#	1
95) Naphthalene	15.14	128	42814	7.25 ug/l		97
96) 1,2,3-Trichlorobenzene	15.32	180	65	2.22 ug/l	#	26

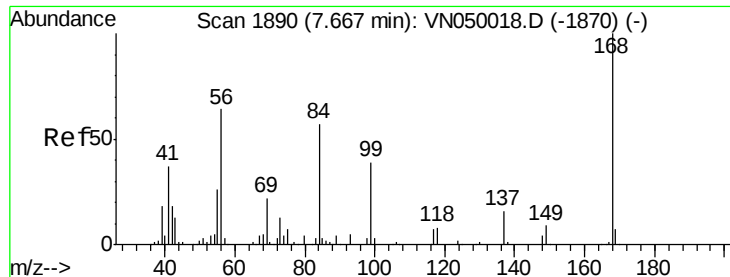
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080218\
Data File : VN050286.D
Acq On : 3 Aug 2018 1:18
Operator : MD\SY
Sample : J4285-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
KG-PIT-3

Quant Time: Aug 03 02:01:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

Instrument :

MSVOA_N

ClientSampleId :

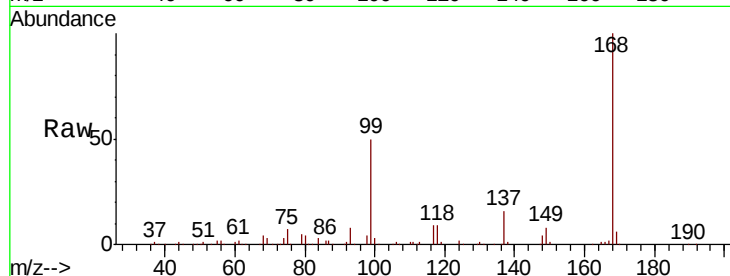
KG-PIT-3

Tot Ion:168 Resp: 635384

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

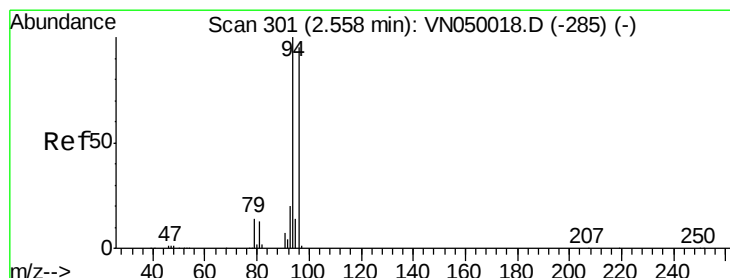
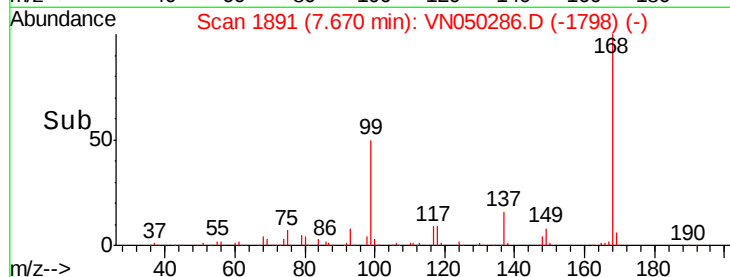
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050286.D

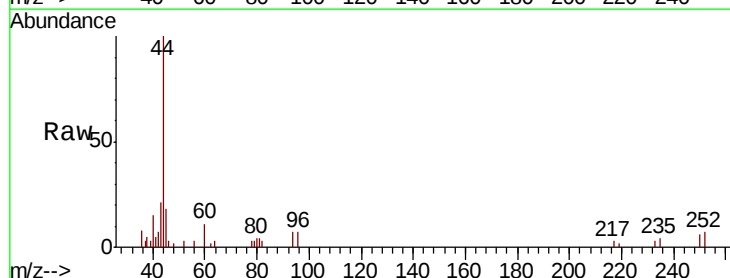
Acq: 3 Aug 2018 1:18

Tgt Ion: 94 Resp: 925

Ion Ratio Lower Upper

94 100

96 93.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050018.D (-285) (-)

Ion 95.90 (95.60 to 96.60): VN050018.D (-285) (-)

2.57

500

400

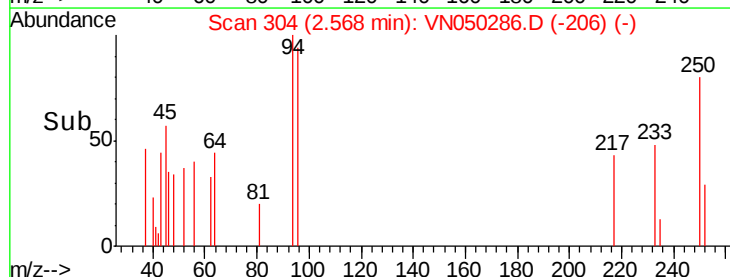
300

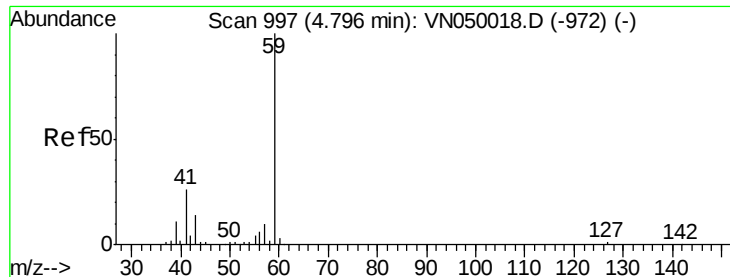
200

100

0

Time-->

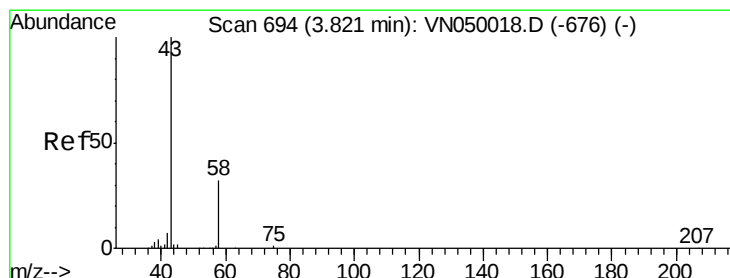
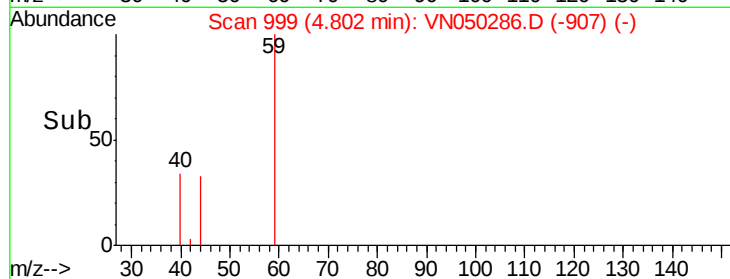
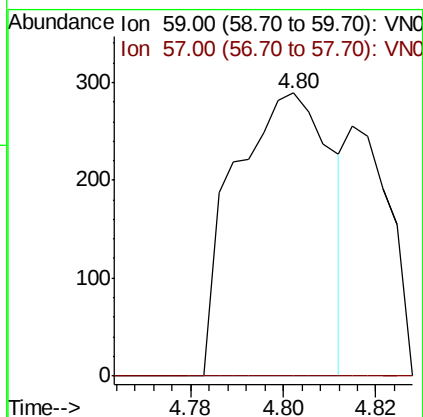
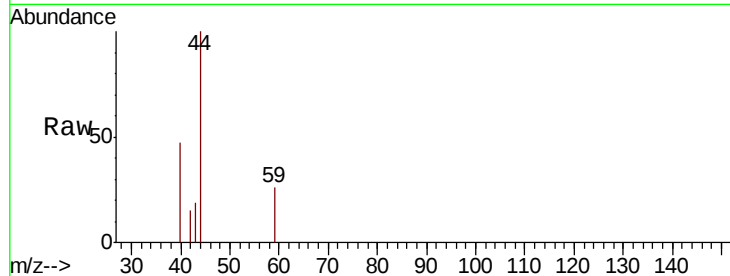




#11
Tert butyl alcohol
Concen: 0.65 ug/l
RT: 4.80 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

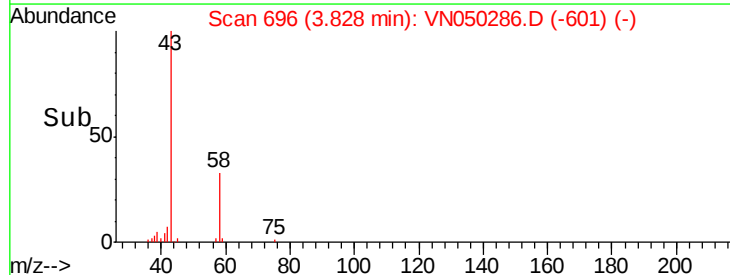
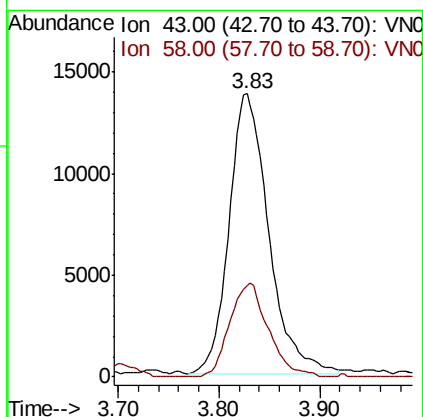
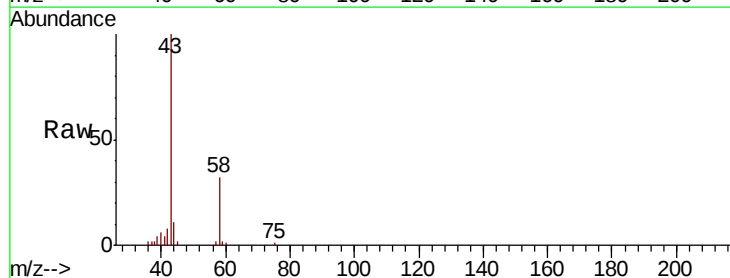
Instrument :
MSVOA_N
ClientSampled :
KG-PIT-3

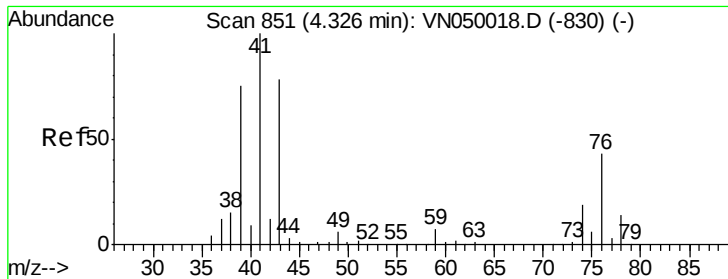
Tot Ion: 59 Resp: 421
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 13.92 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

Tgt Ion: 43 Resp: 37626
Ion Ratio Lower Upper
43 100
58 32.5 25.8 38.8

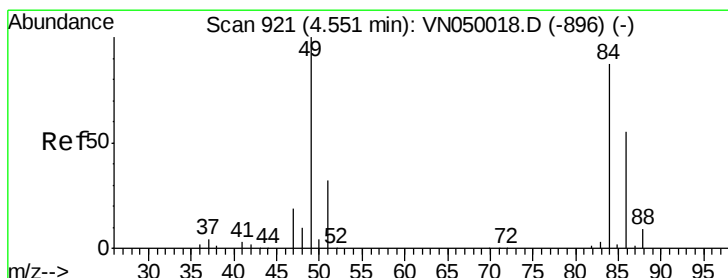
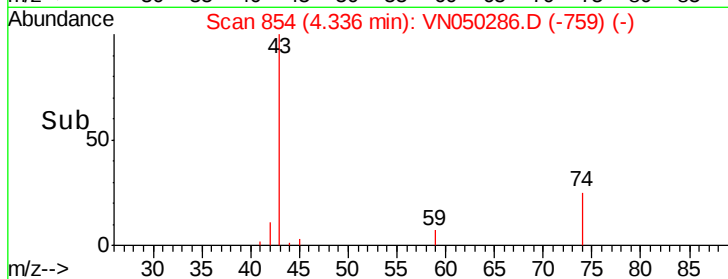
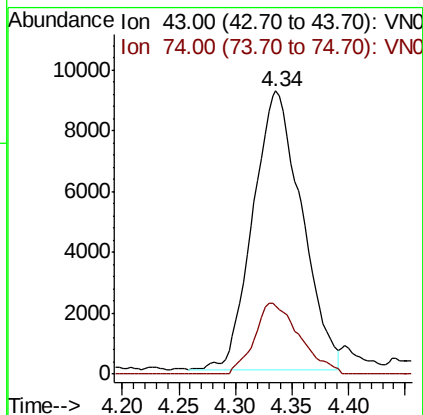
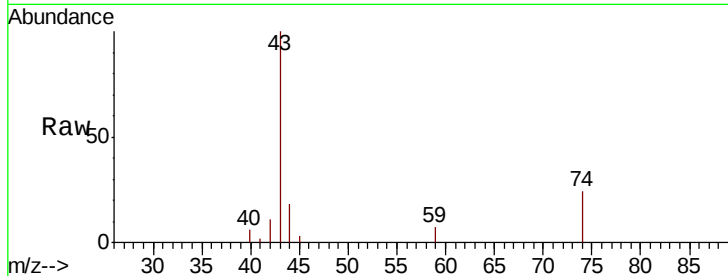




#18
Methyl Acetate
Concen: 1.80 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

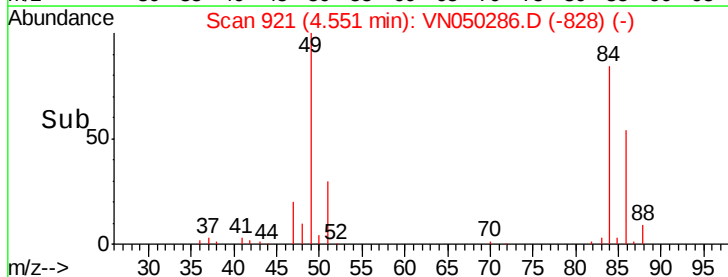
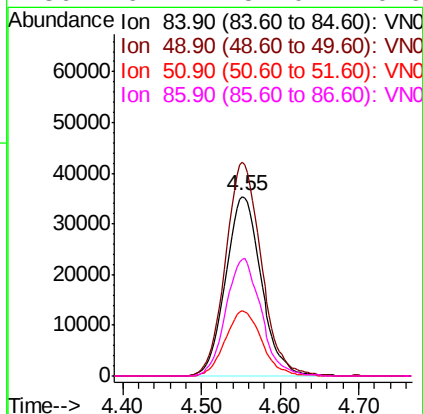
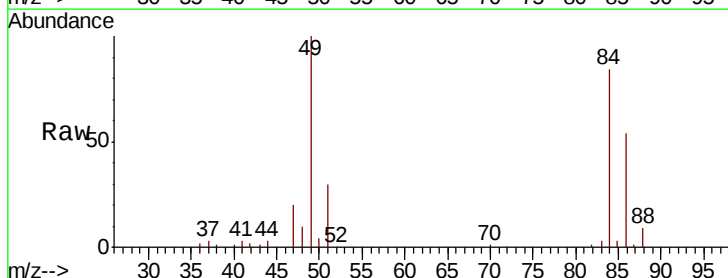
Instrument :
MSVOA_N
ClientSampled :
KG-PIT-3

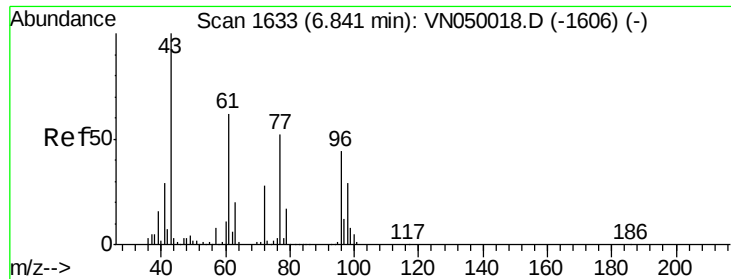
Tot Ion: 43 Resp: 27340
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8



#20
Methylene Chloride
Concen: 13.27 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

Tgt Ion: 84 Resp: 111547
Ion Ratio Lower Upper
84 100
49 118.8 94.8 142.2
51 36.2 28.3 42.5
86 64.7 51.0 76.6

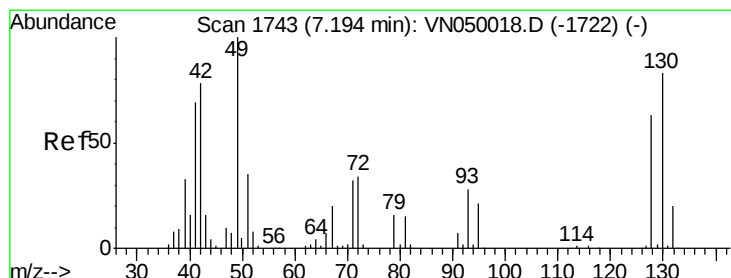
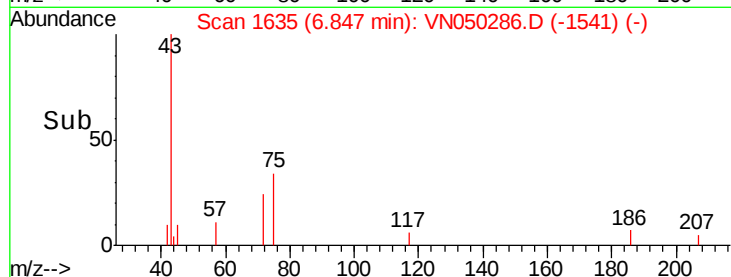
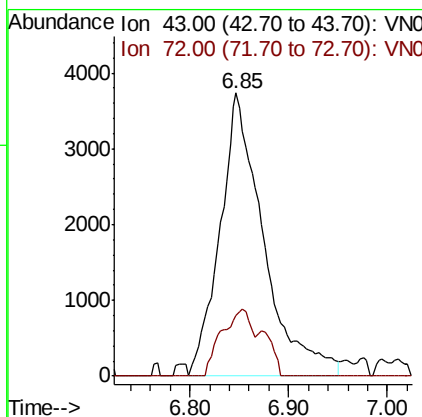
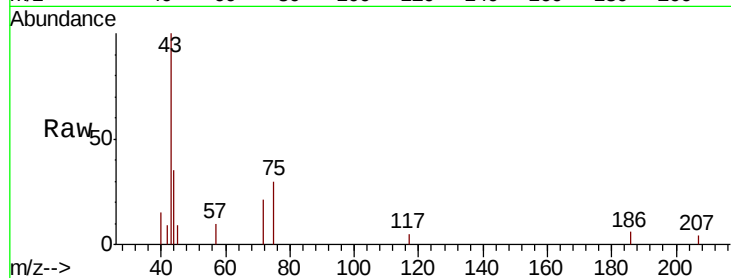




#25
2-Butanone
Concen: 3.41 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

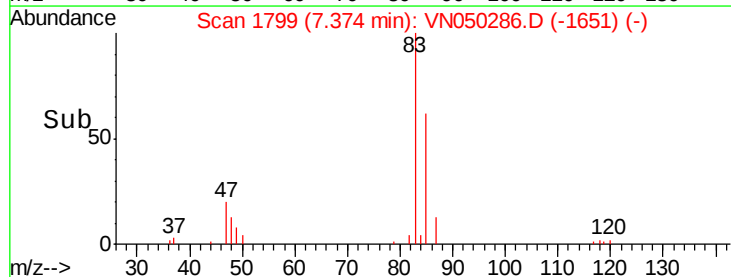
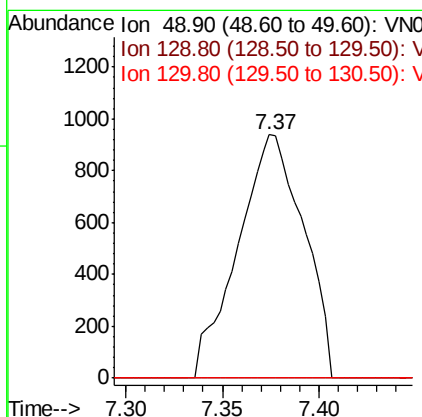
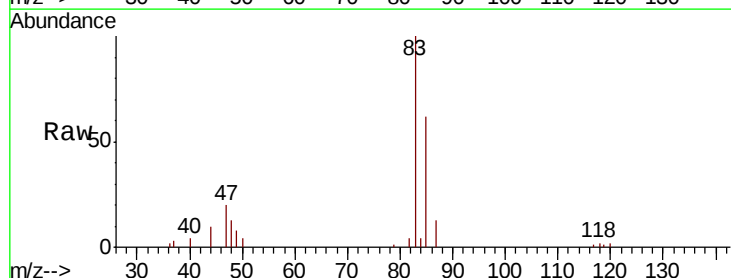
Instrument :
MSVOA_N
ClientSampleId :
KG-PIT-3

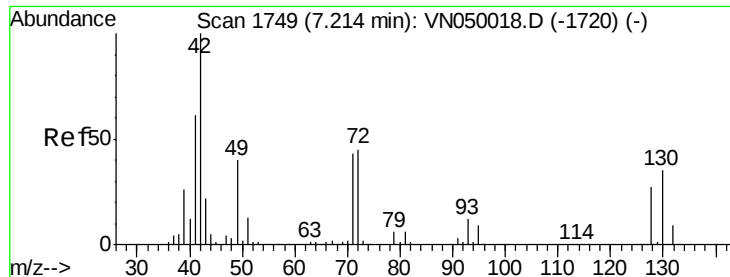
Tot Ion: 43 Resp: 11529
Ion Ratio Lower Upper
43 100
72 21.4 21.5 32.3#



#28
Bromochloromethane
Concen: 0.33 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.18 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

Tgt Ion: 49 Resp: 2220
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 66.3 99.5#





#29

Tetrahydrofuran

Concen: 1.09 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

Instrument :

MSVOA_N

ClientSampled :

KG-PIT-3

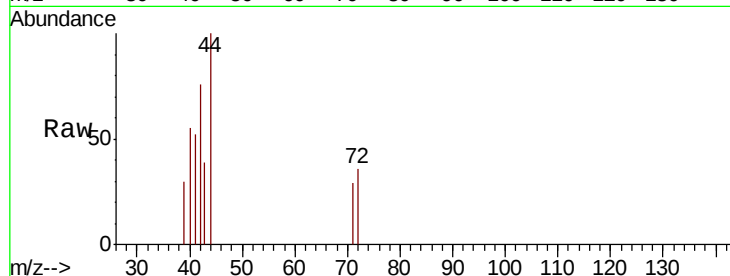
Tot Ion: 42 Resp: 2385

Ion Ratio Lower Upper

42 100

72 22.9 35.9 53.9#

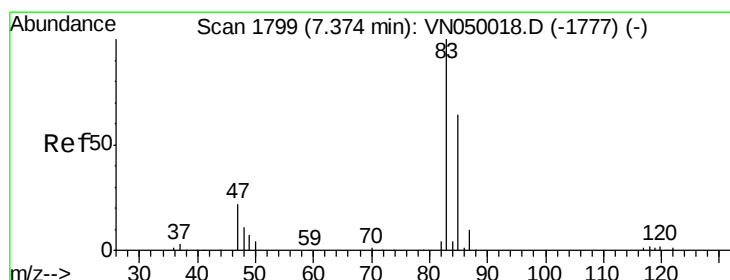
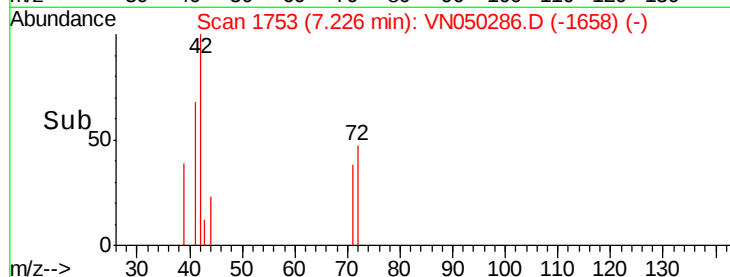
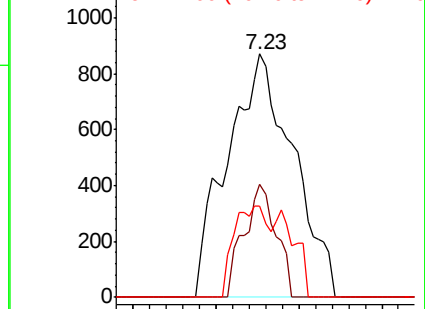
71 19.6 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 2.06 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050286.D

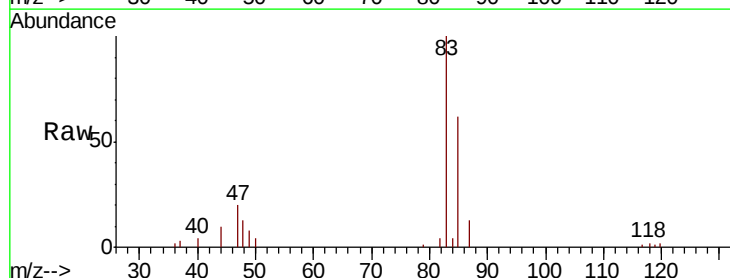
Acq: 3 Aug 2018 1:18

Tgt Ion: 83 Resp: 31013

Ion Ratio Lower Upper

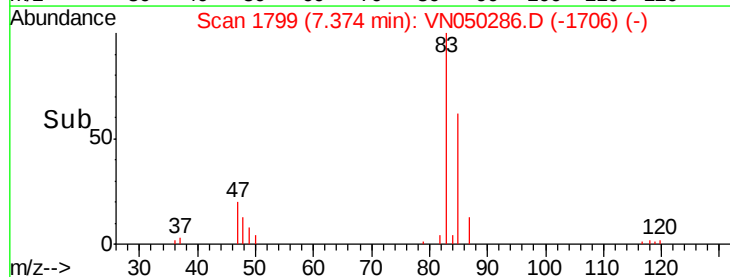
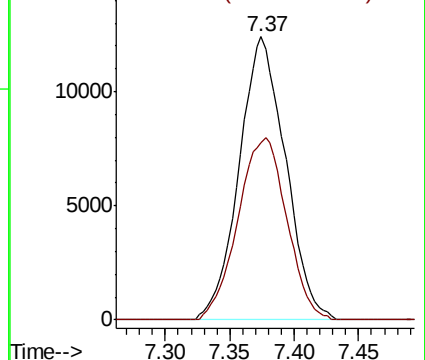
83 100

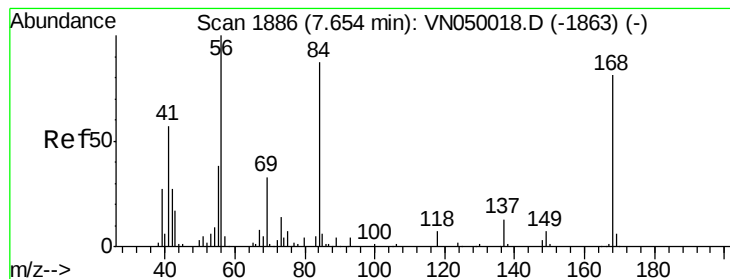
85 62.4 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.93 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

Instrument :

MSVOA_N

ClientSampled :

KG-PIT-3

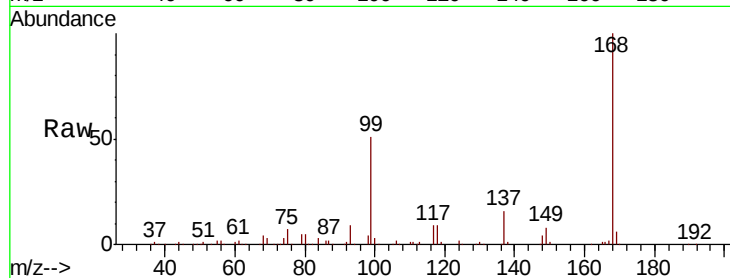
Tot Ion: 56 Resp: 12179

Ion Ratio Lower Upper

56 100

69 180.7 26.2 39.4#

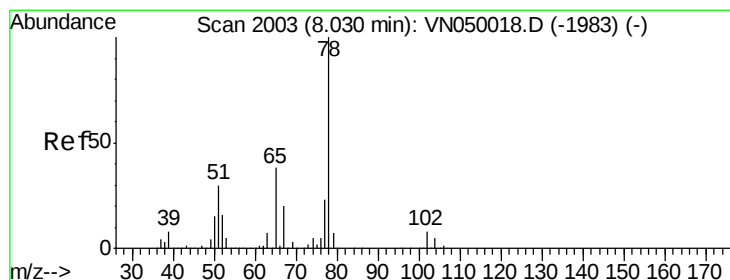
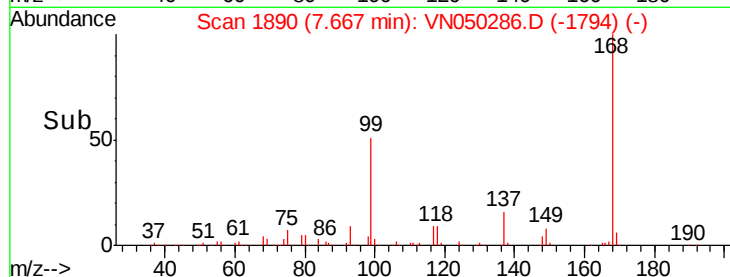
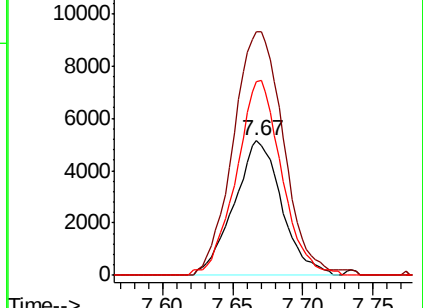
84 143.6 67.4 101.0#



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: 51.16 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050286.D

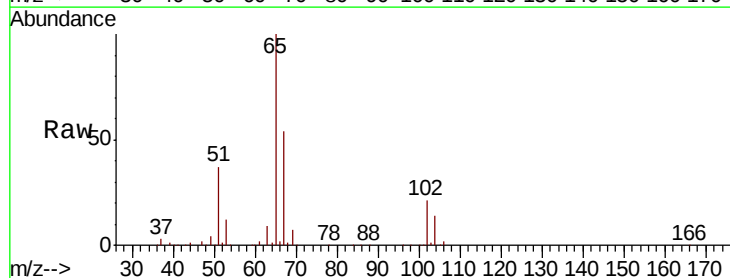
Acq: 3 Aug 2018 1:18

Tgt Ion: 65 Resp: 453567

Ion Ratio Lower Upper

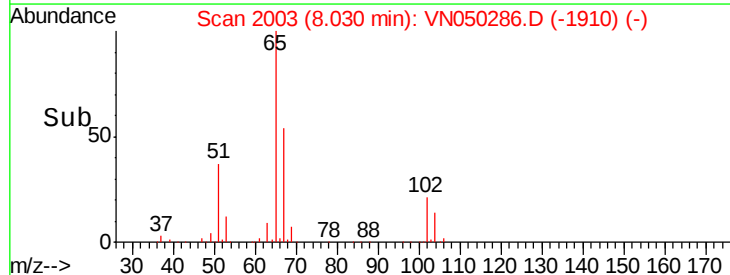
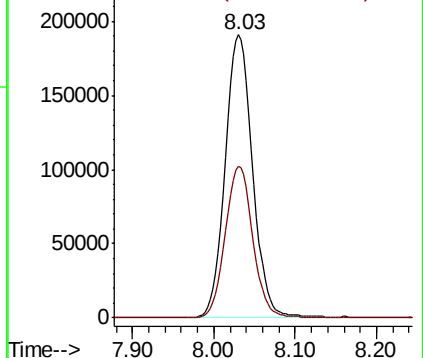
65 100

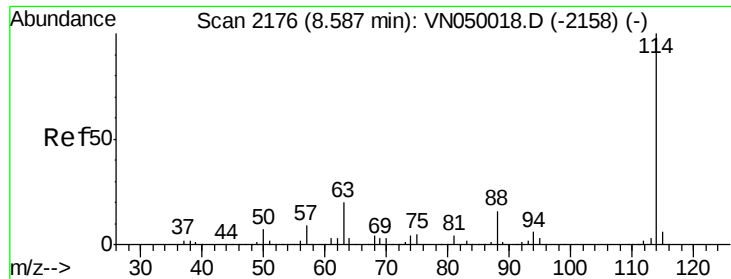
67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

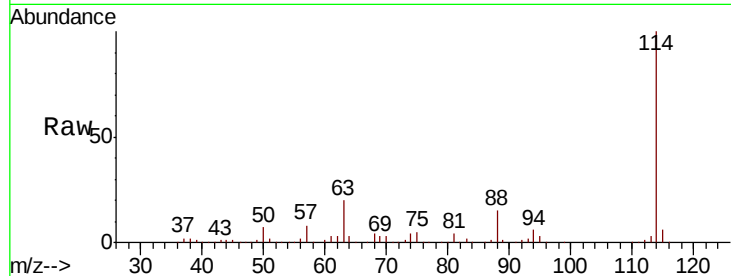




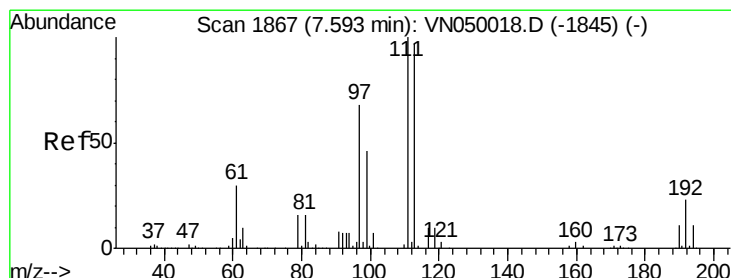
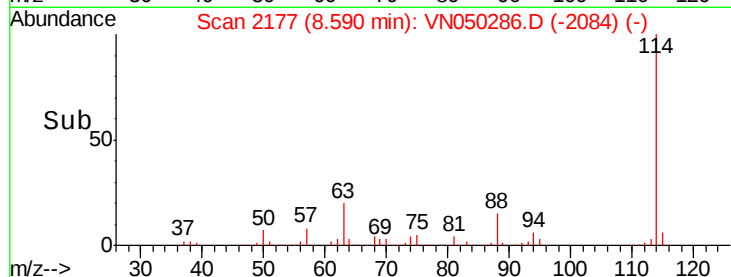
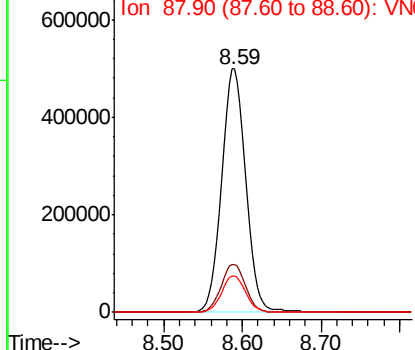
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050286.D
 Acq: 3 Aug 2018 1:18

Instrument :
 MSVOA_N
 ClientSampleId :
 KG-PIT-3

Tot Ion:114 Resp: 1054403
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.0 0.0 31.2

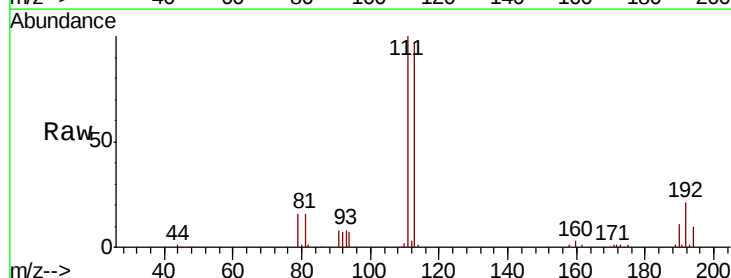


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

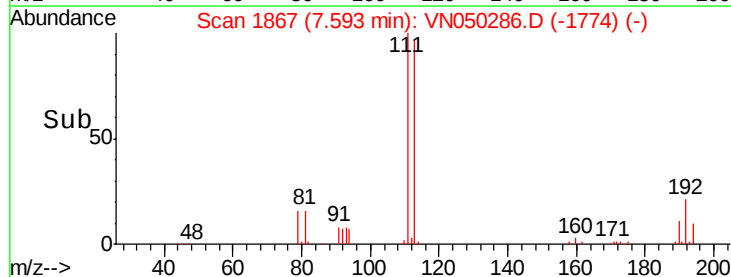
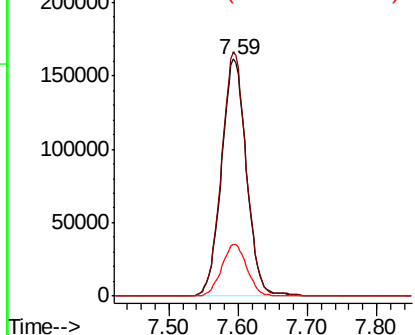


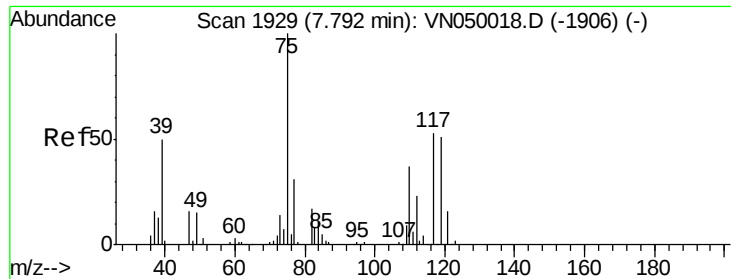
#35
 Dibromofluoromethane
 Concen: 47.13 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050286.D
 Acq: 3 Aug 2018 1:18

Tgt Ion:113 Resp: 405755
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.7 121.1
 192 22.1 17.8 26.6



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

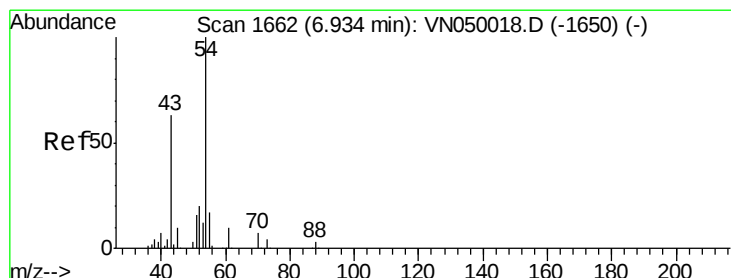
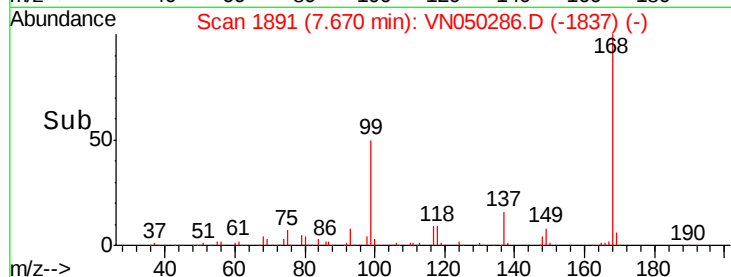
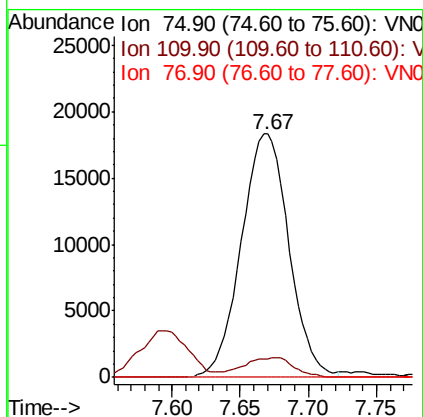
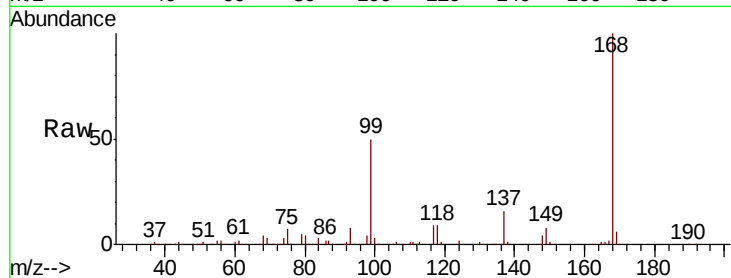




#36
 1,1-Dichloropropene
 Concen: 3.75 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050286.D
 Acq: 3 Aug 2018 1:18

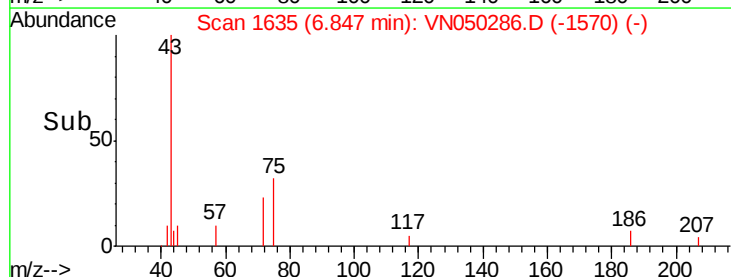
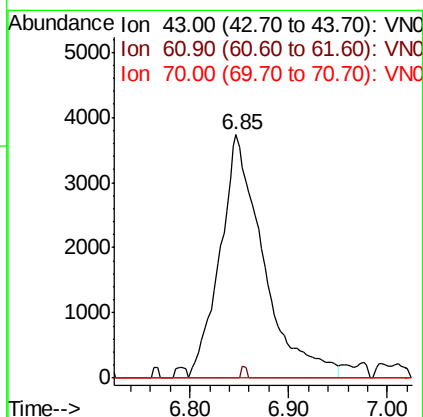
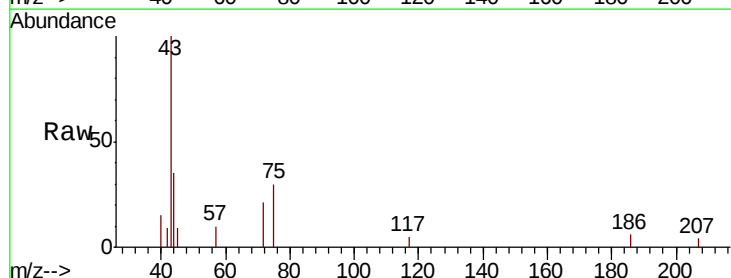
Instrument :
 MSVOA_N
 ClientSampled :
 KG-PIT-3

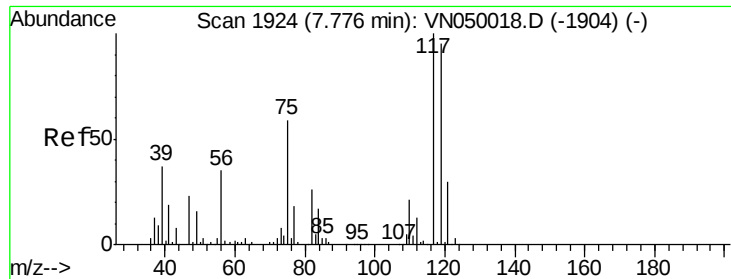
Tot Ion: 75 Resp: 44497
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 1.39 ug/l
 RT: 6.85 min Scan# 1635
 Delta R.T. -0.09 min
 Lab File: VN050286.D
 Acq: 3 Aug 2018 1:18

Tgt Ion: 43 Resp: 11529
 Ion Ratio Lower Upper
 43 100
 61 0.6 11.8 17.8#
 70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.44 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

Instrument :

MSVOA_N

ClientSampleId :

KG-PIT-3

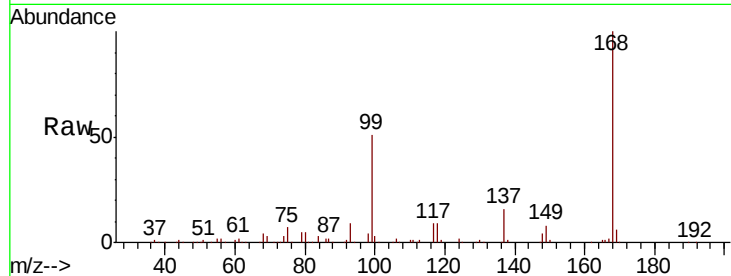
Tot Ion:117 Resp: 55978

Ion Ratio Lower Upper

117 100

119 7.6 77.4 116.0#

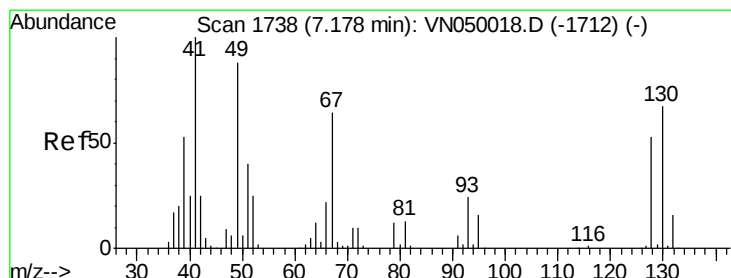
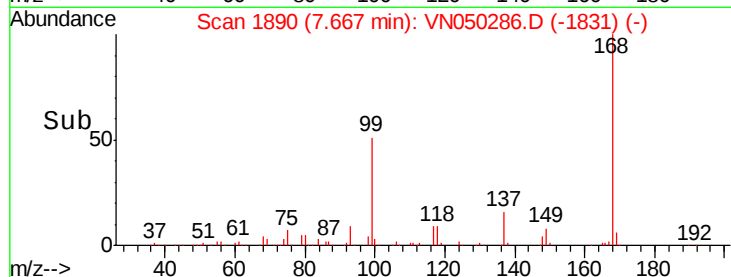
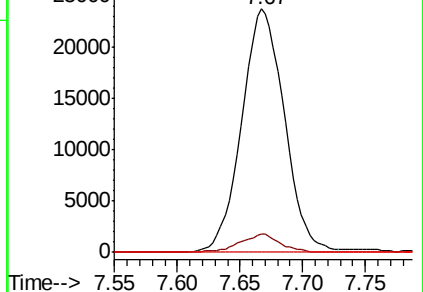
121 0.0 23.9 35.9#



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



#41

Methacrylonitrile

Concen: 3.03 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.05 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

Tgt Ion: 41 Resp: 1284

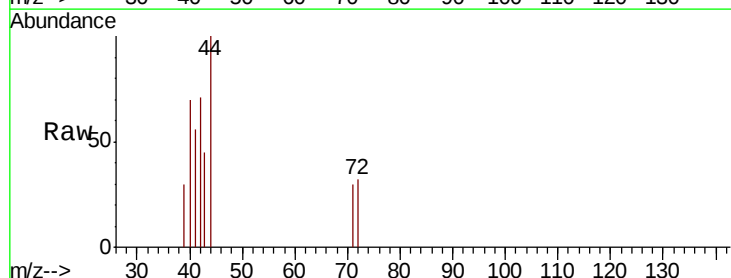
Ion Ratio Lower Upper

41 100

39 62.6 55.8 83.6

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

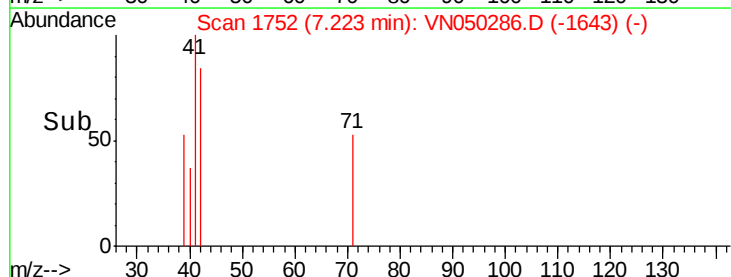
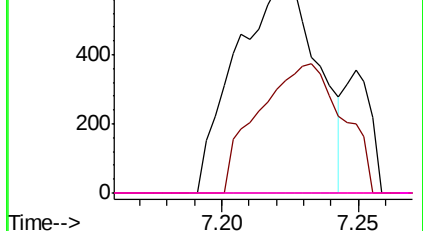


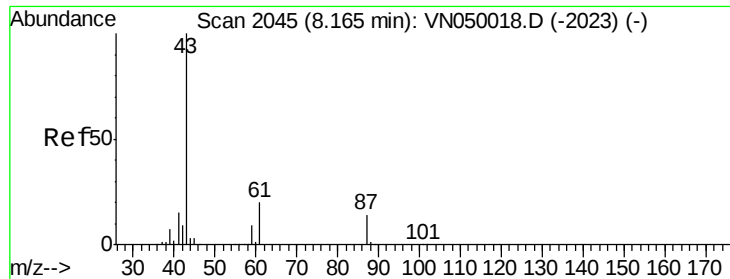
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



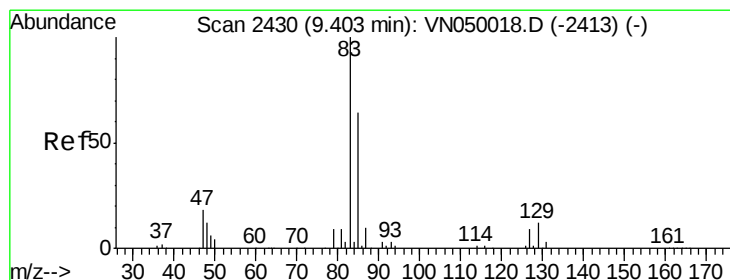
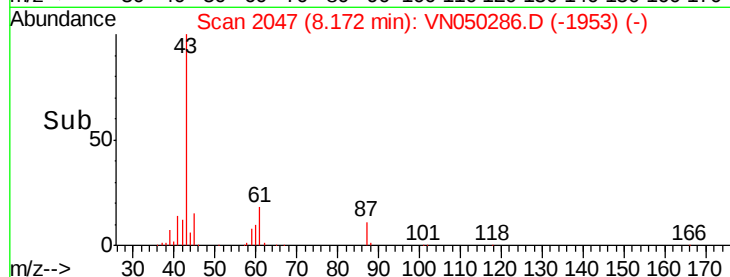
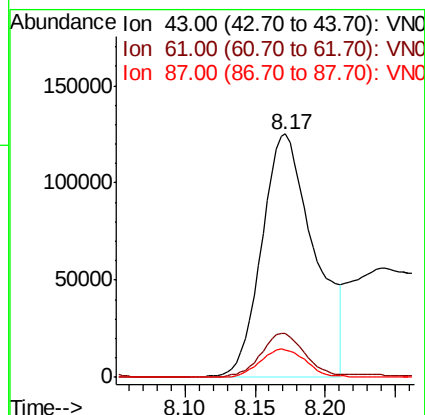
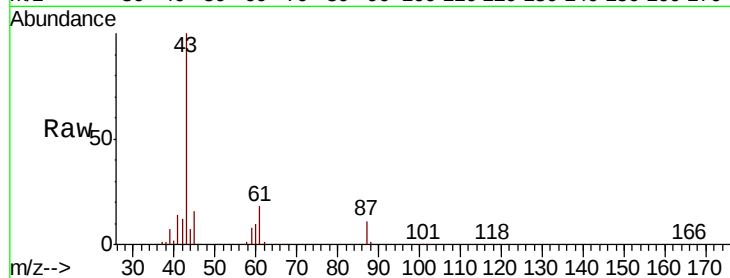


#43

Isopropyl Acetate
 Concen: 20.11 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050286.D
 Acq: 3 Aug 2018 1:18

Instrument :
 MSVOA_N
 ClientSampleId :
 KG-PIT-3

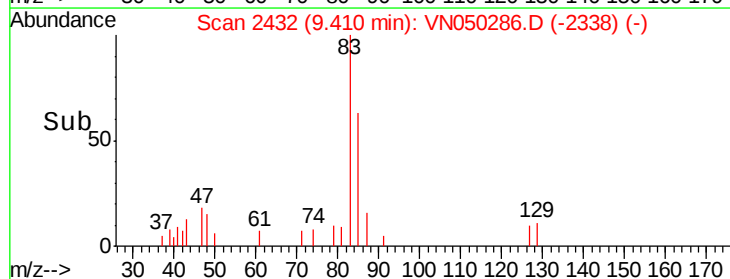
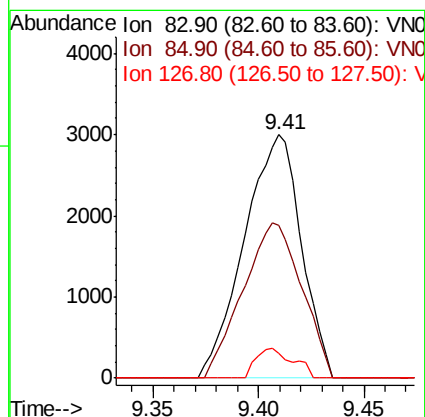
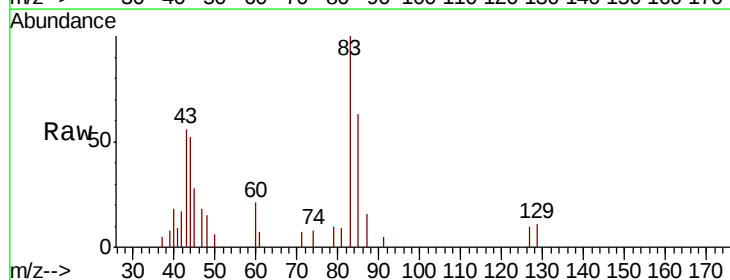
Tot Ion	43	Resp	324508
Ion Ratio	Lower	Upper	
43	100		
61	15.4	15.8	23.6#
87	10.3	10.3	15.5#

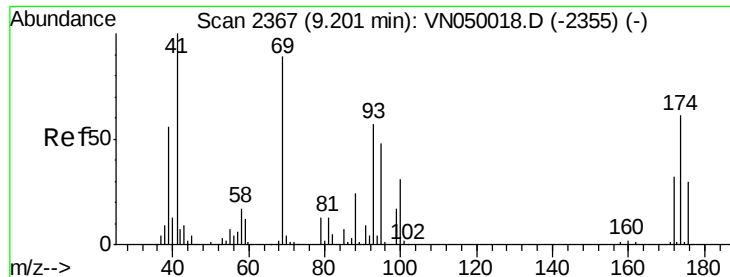


#47

Bromodichloromethane
 Concen: 0.45 ug/l
 RT: 9.41 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: VN050286.D
 Acq: 3 Aug 2018 1:18

Tgt Ion	83	Resp	5623
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.1	76.7
127	10.1	7.0	10.4

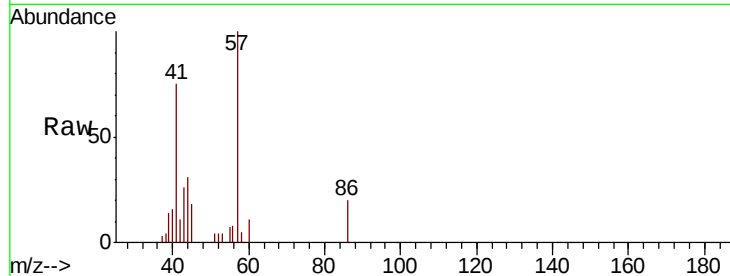




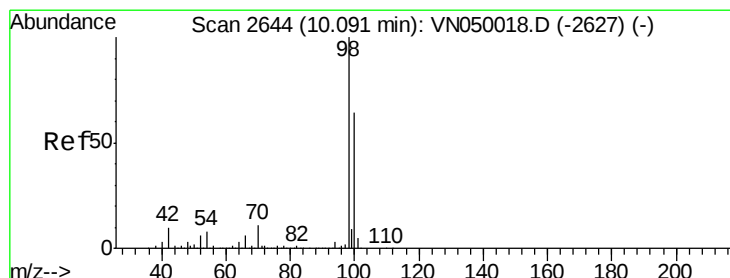
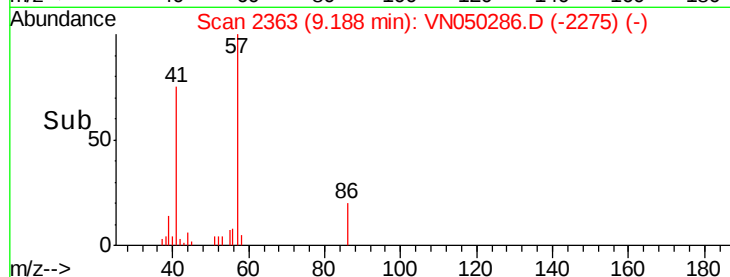
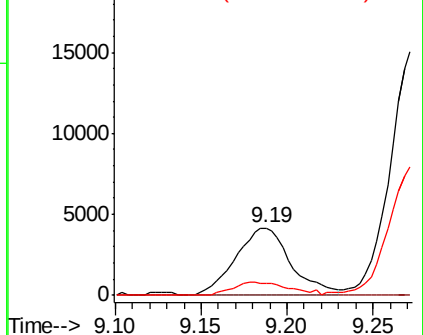
#48
Methvl methacrylate
Concen: 1.30 ug/l
RT: 9.19 min Scan# 2363
Delta R.T. -0.02 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

Instrument :
MSVOA_N
ClientSampled :
KG-PIT-3

Tot Ion: 41 Resp: 9286
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 19.8 43.9 65.9#

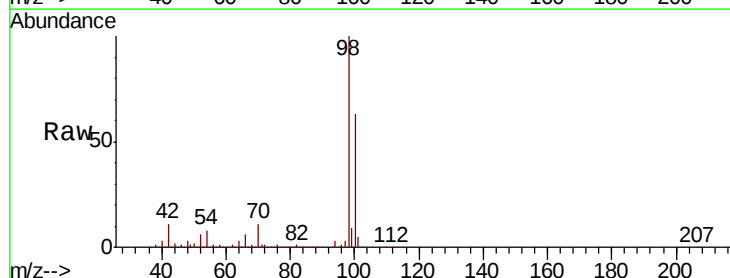


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

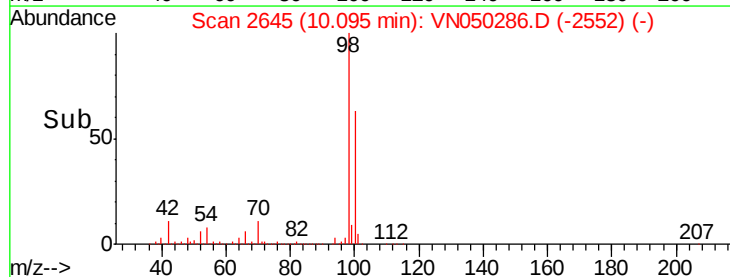
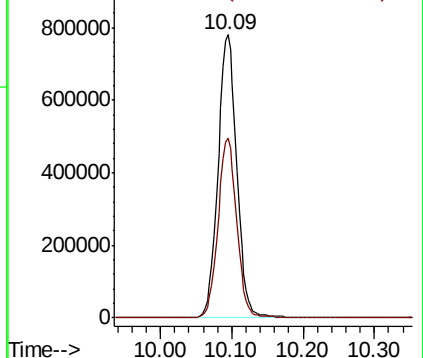


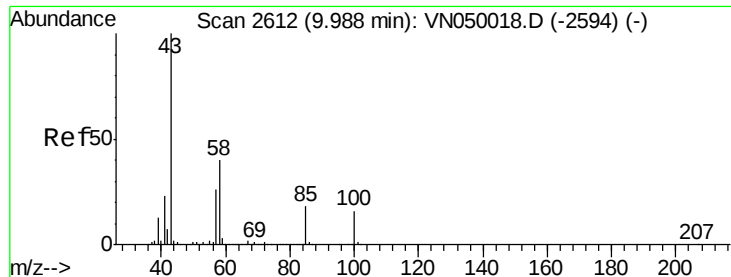
#50
Toluene-d8
Concen: 44.89 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

Tgt Ion: 98 Resp: 1420626
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

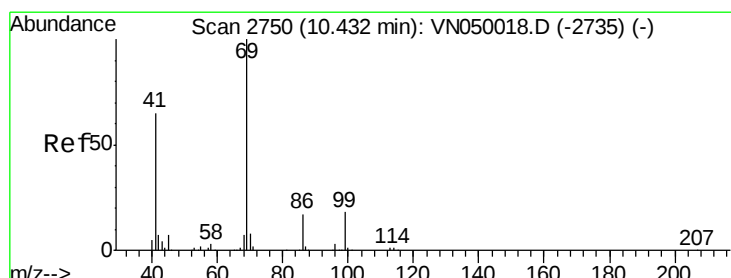
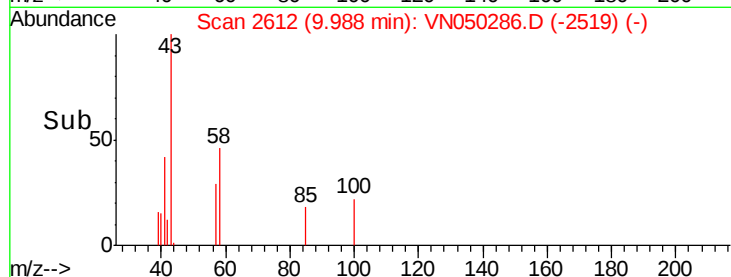
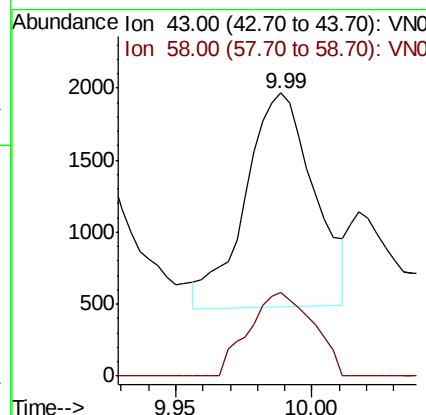
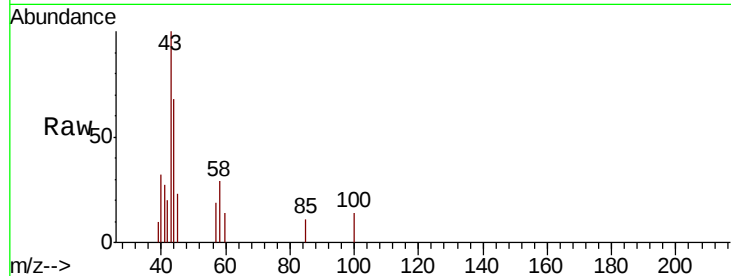




#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

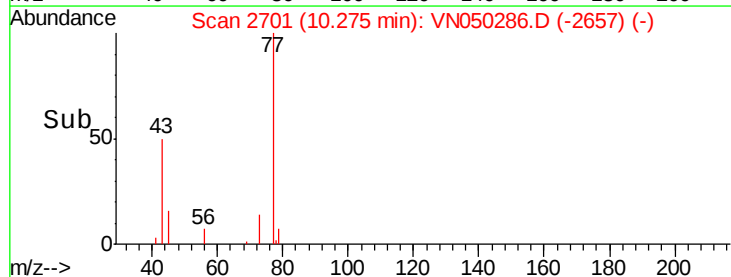
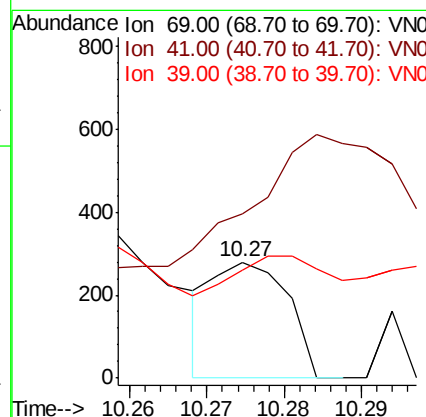
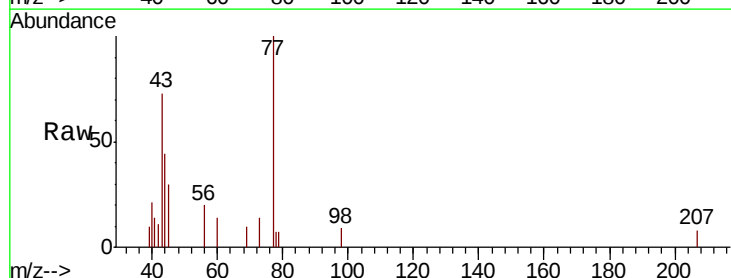
Instrument :
MSVOA_N
ClientSampled :
KG-PIT-3

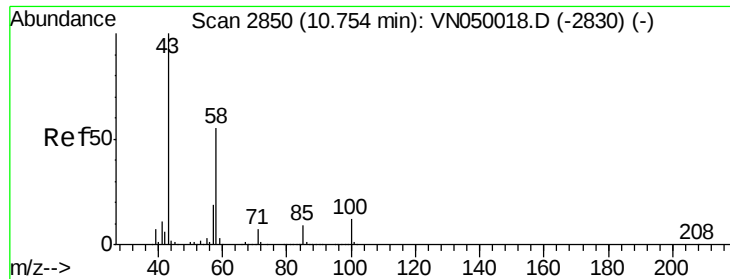
Tot Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
58 36.6 31.9 47.9



#56
Ethyl methacrylate
Concen: 2.05 ug/l
RT: 10.27 min Scan# 2701
Delta R.T. -0.16 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

Tgt Ion: 69 Resp: 188
Ion Ratio Lower Upper
69 100
41 643.6 51.0 76.4#
39 38.3 26.6 40.0





#59

2-Hexanone

Concen: 8.26 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

Instrument :

MSVOA_N

ClientSampled :

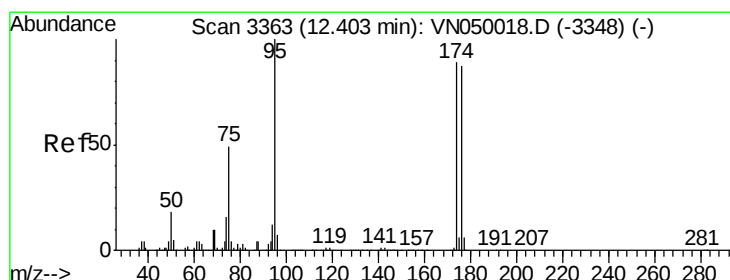
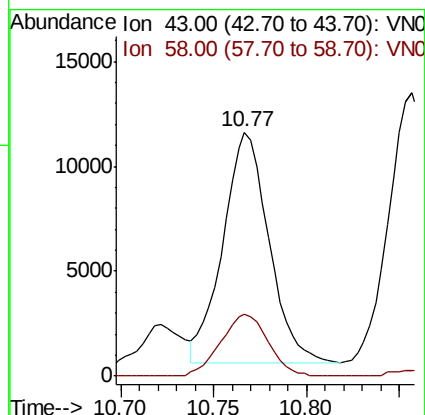
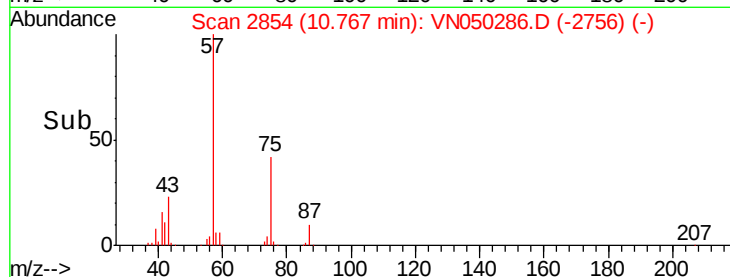
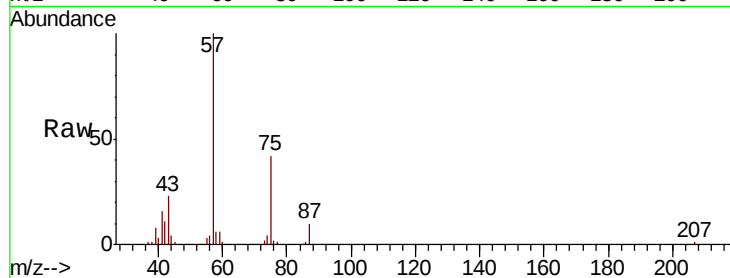
KG-PIT-3

Tot Ion: 43 Resp: 18859

Ion Ratio Lower Upper

43 100

58 27.8 27.6 82.7



#62

4-Bromofluorobenzene

Concen: 35.82 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

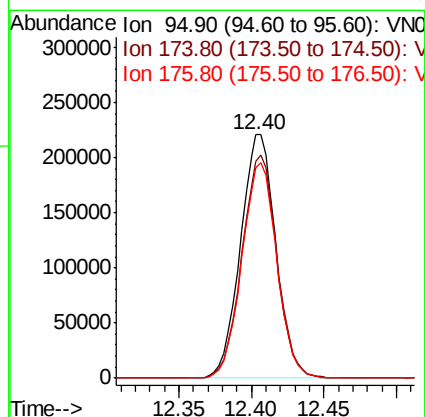
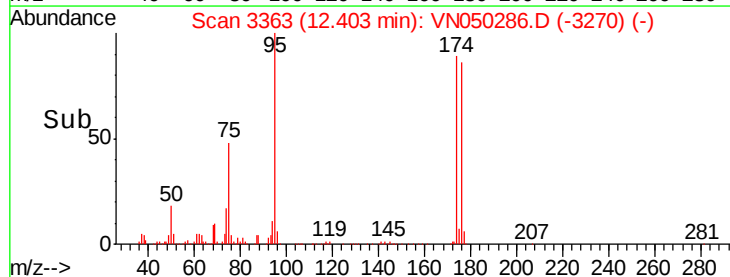
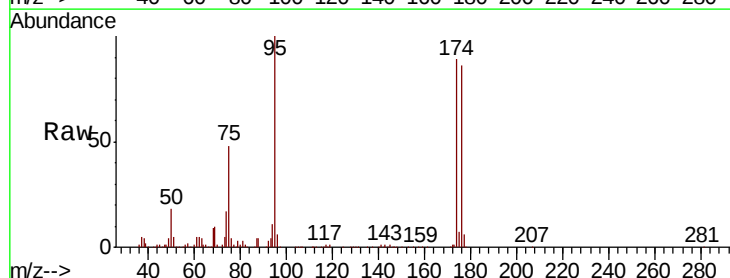
Tgt Ion: 95 Resp: 373285

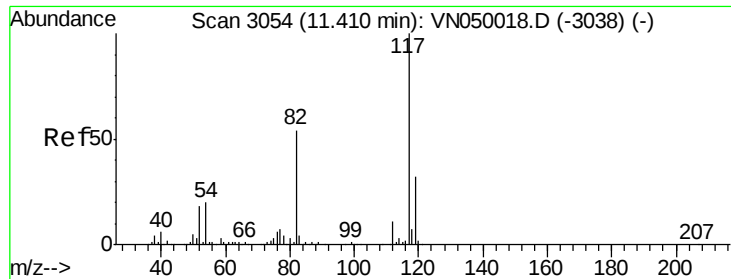
Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.2

176 87.5 0.0 173.4

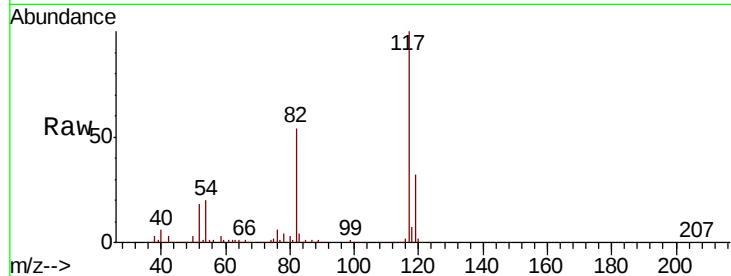




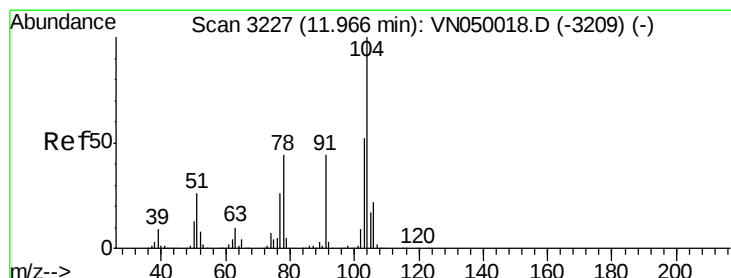
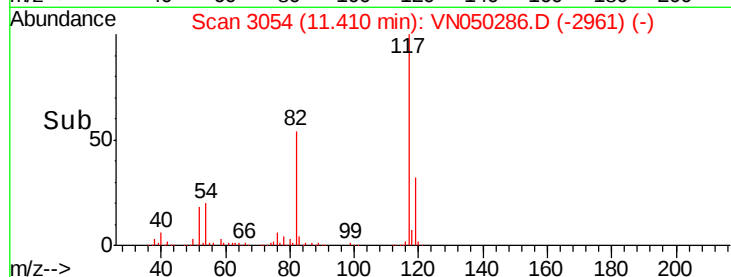
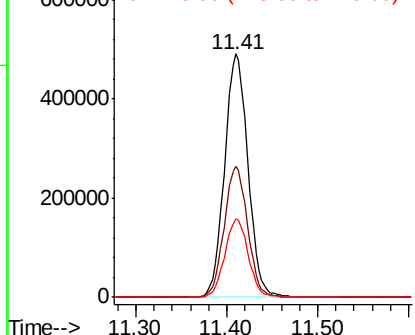
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

Instrument :
MSVOA_N
ClientSampled :
KG-PIT-3

Tot Ion:117 Resp: 874710
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.0 26.1 39.1

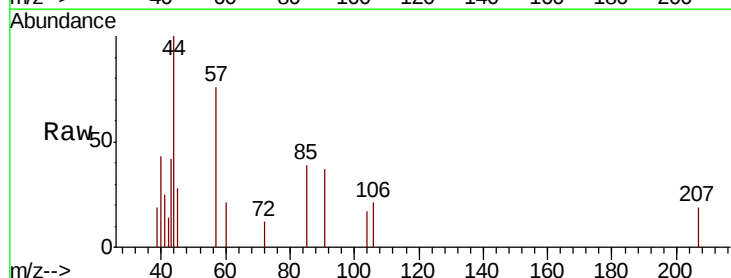


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

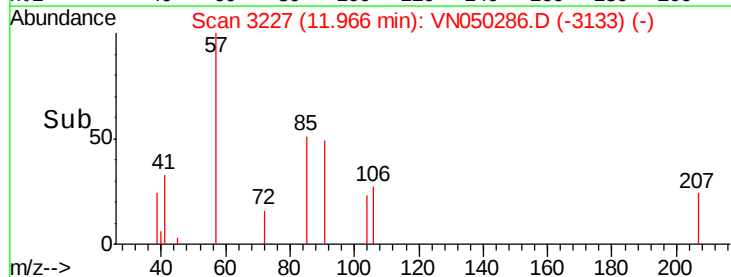
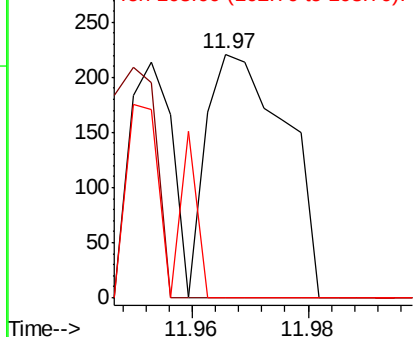


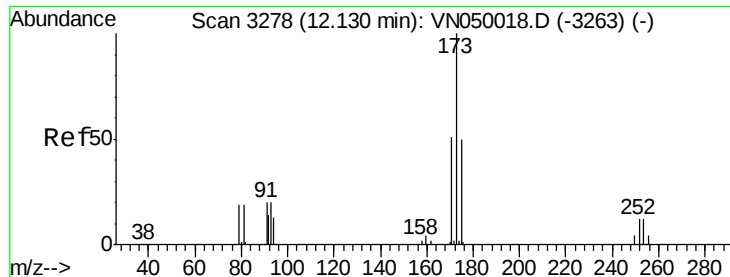
#70
Styrene
Concen: 0.93 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

Tgt Ion:104 Resp: 210
Ion Ratio Lower Upper
104 100
78 0.0 39.3 58.9#
103 0.0 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VNO
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

Instrument :

MSVOA_N

ClientSampleId :

KG-PIT-3

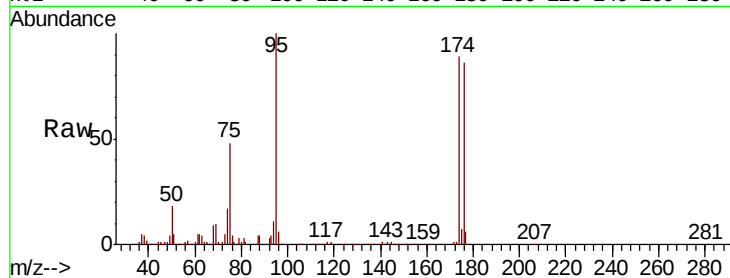
Tot Ion:173 Resp: 3834

Ion Ratio Lower Upper

173 100

175 559.2 24.1 72.2#

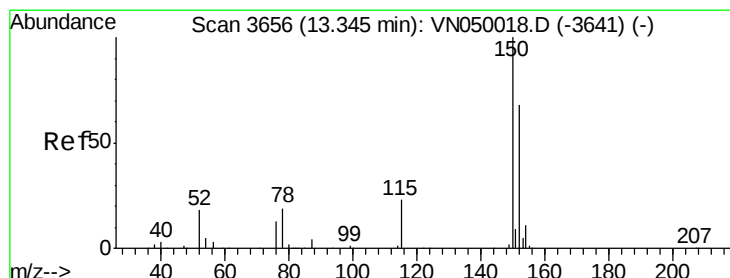
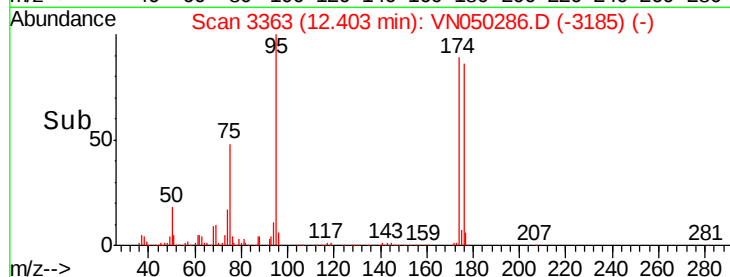
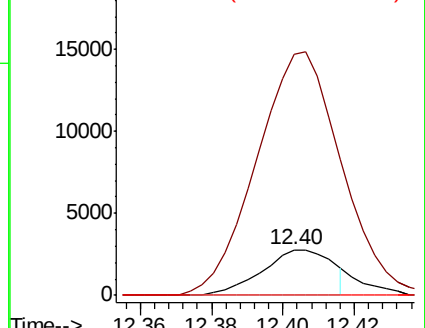
254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

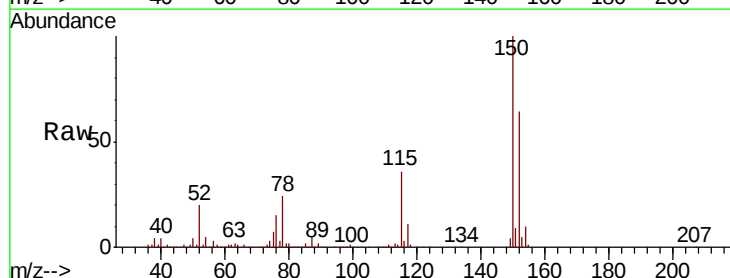
Tgt Ion:152 Resp: 301406

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

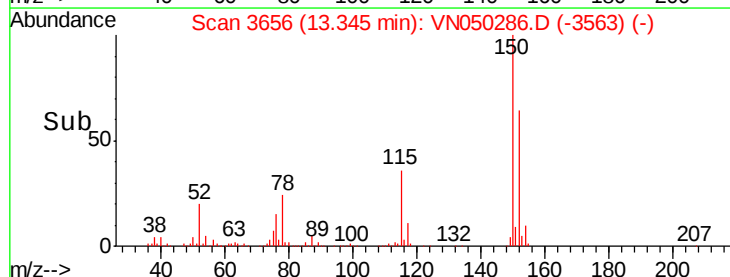
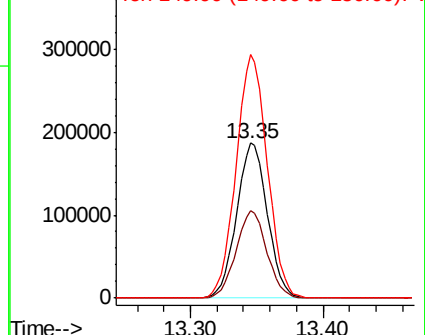
150 158.7 0.0 348.6

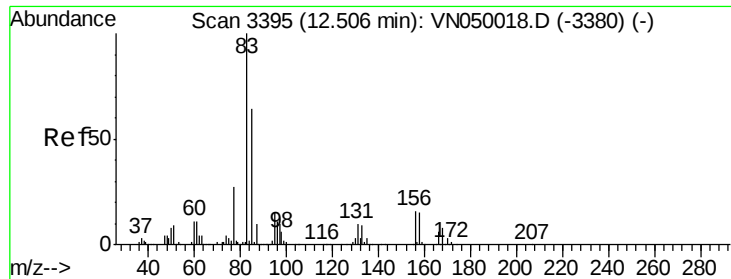


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.42 min Scan# 3367

Delta R.T. -0.09 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

Instrument :

MSVOA_N

ClientSampled :

KG-PIT-3

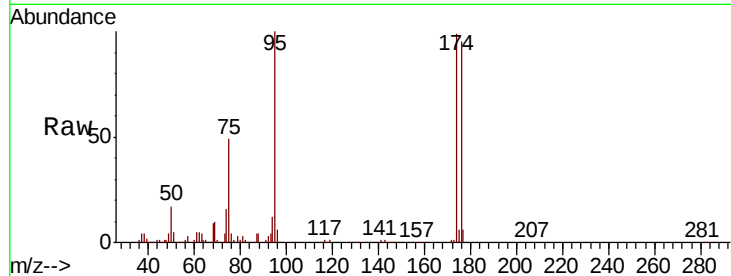
Tot Ion: 83 Resp: 306

Ion Ratio Lower Upper

83 100

131 148.7 5.1 15.3#

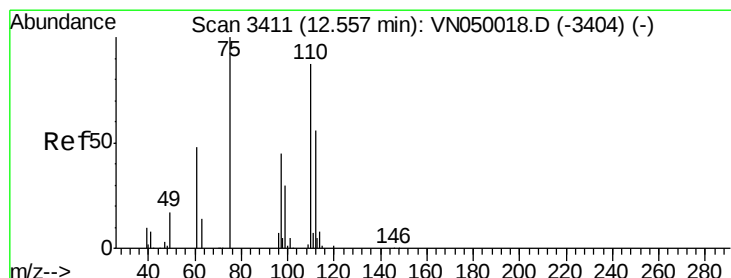
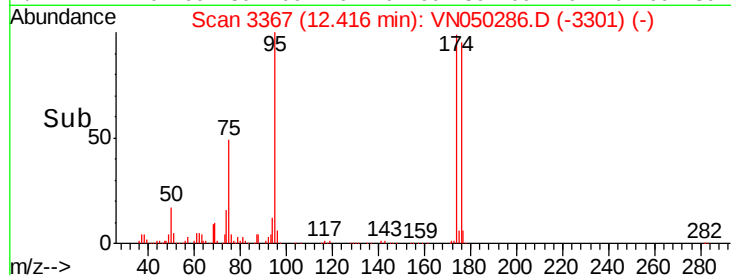
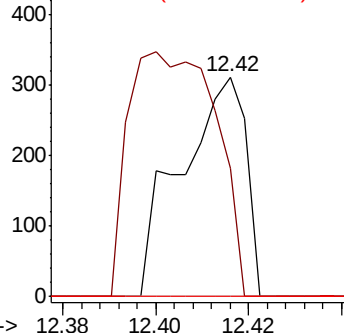
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 32.60 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN050286.D

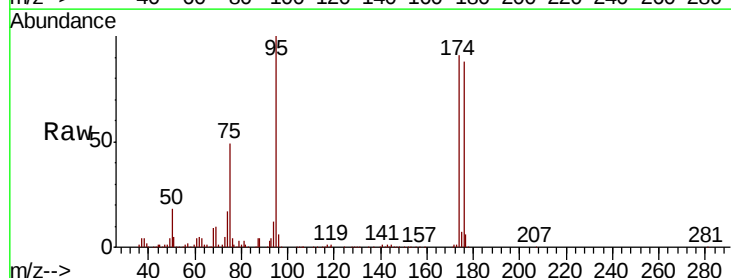
Acq: 3 Aug 2018 1:18

Tgt Ion: 75 Resp: 182590

Ion Ratio Lower Upper

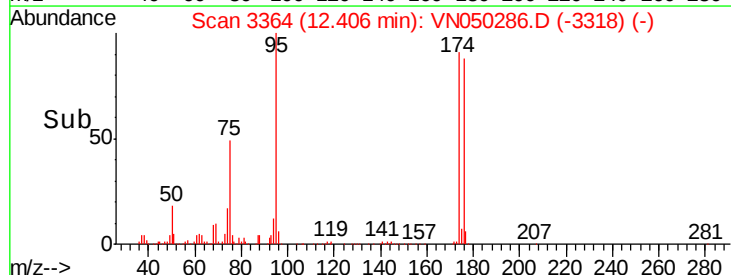
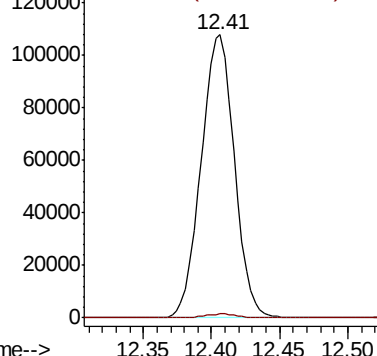
75 100

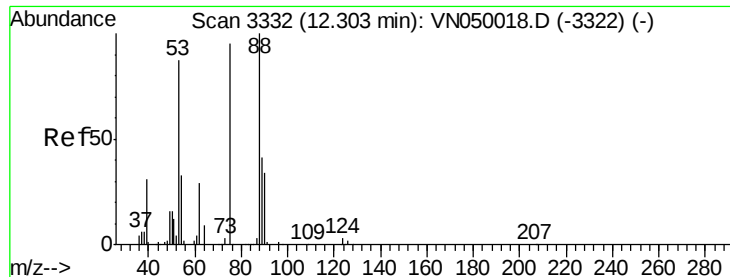
77 1.3 0.0 0.0#



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: 103.39 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN050286.D

Acq: 3 Aug 2018 1:18

Instrument :

MSVOA_N

ClientSampleId :

KG-PIT-3

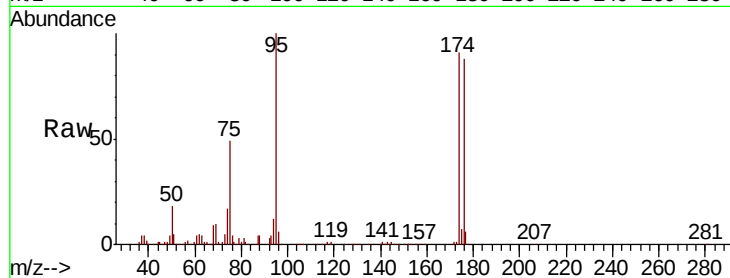
Tot Ion: 75 Resp: 182590

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

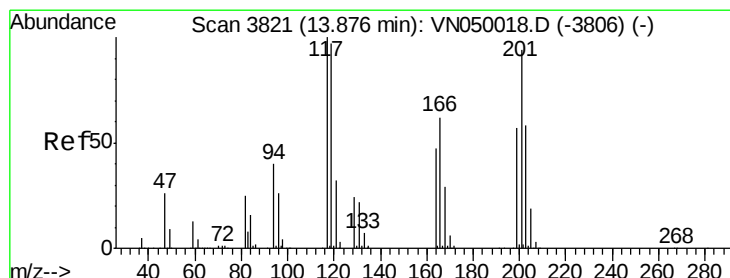
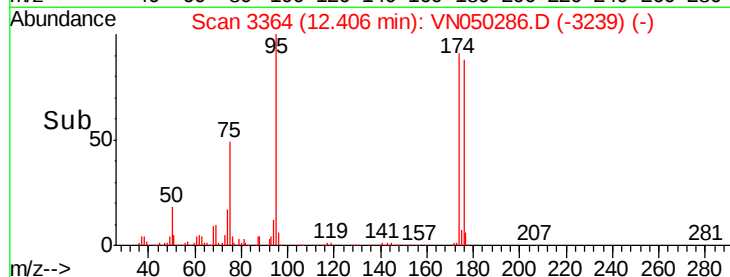
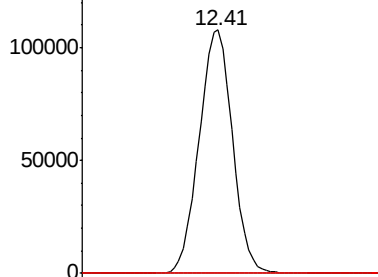
89 0.0 36.0 54.0#



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



#90

Hexachloroethane

Concen: 0.28 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050286.D

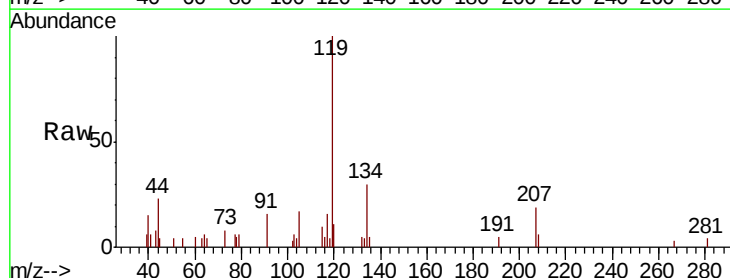
Acq: 3 Aug 2018 1:18

Tgt Ion: 117 Resp: 1138

Ion Ratio Lower Upper

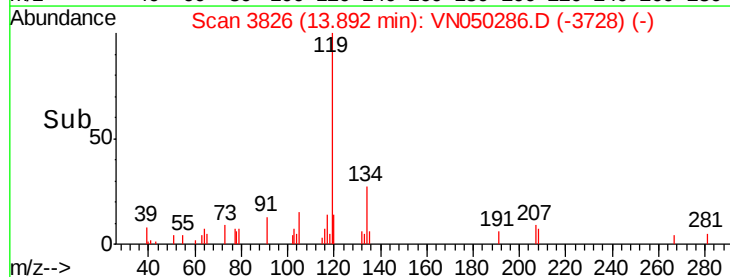
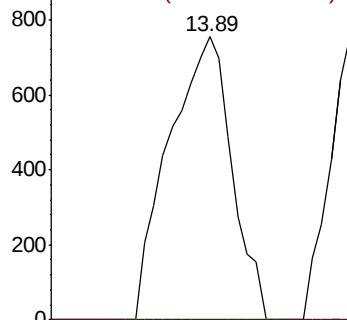
117 100

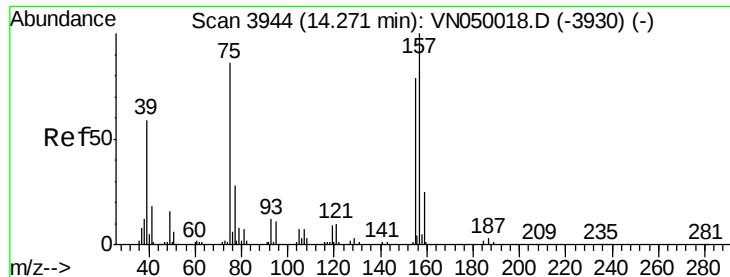
201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

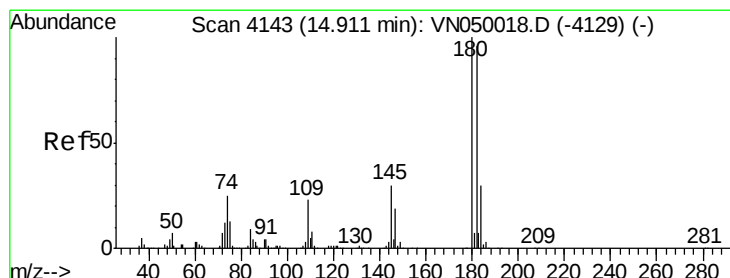
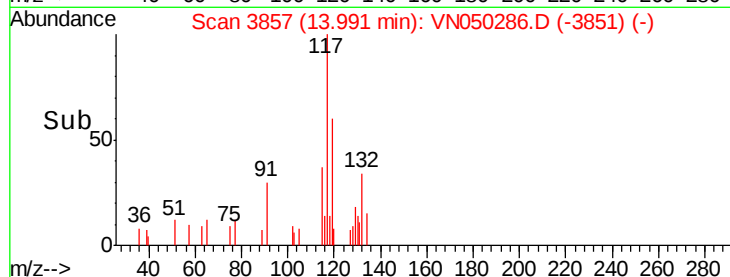
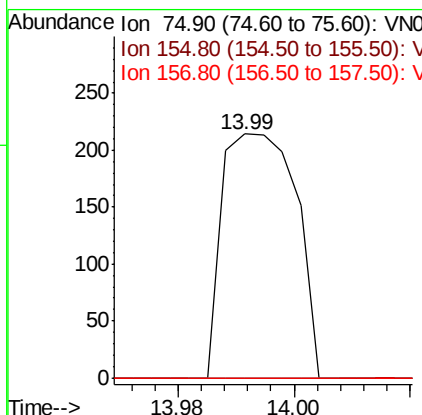
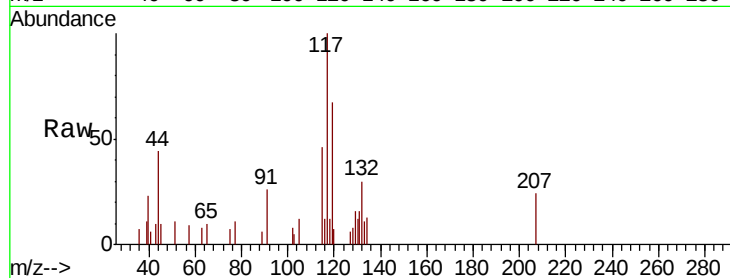




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 13.99 min Scan# 3857
 Delta R.T. -0.28 min
 Lab File: VN050286.D
 Acq: 3 Aug 2018 1:18

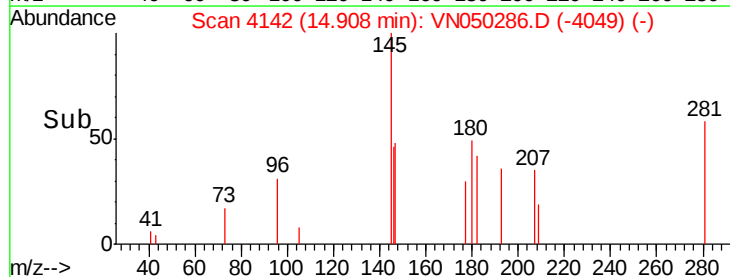
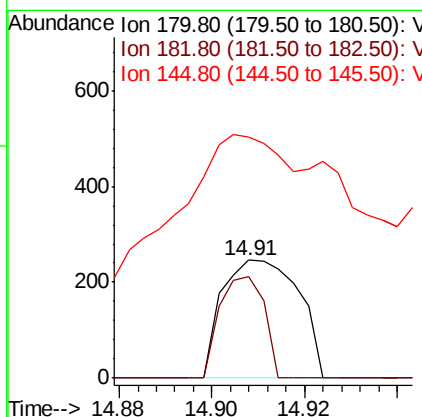
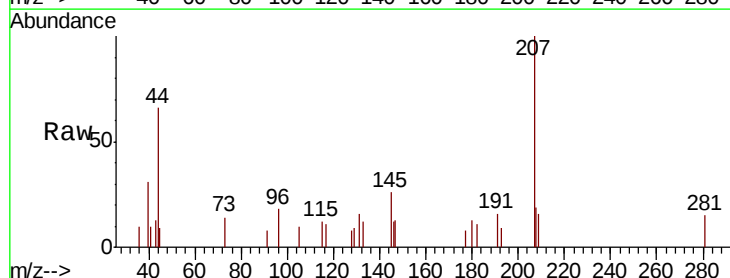
Instrument :
 MSVOA_N
 ClientSampleId :
 KG-PIT-3

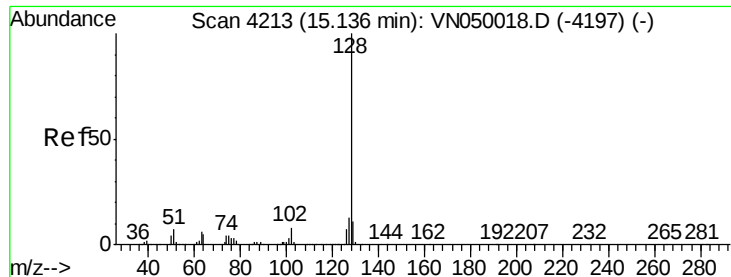
Tot Ion: 75 Resp: 189
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.8 134.4#
 157 0.0 57.2 171.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.13 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050286.D
 Acq: 3 Aug 2018 1:18

Tgt Ion: 180 Resp: 282
 Ion Ratio Lower Upper
 180 100
 182 49.6 46.7 140.1
 145 529.8 13.8 41.4#

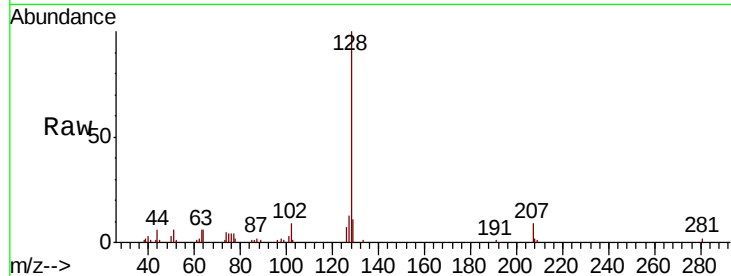




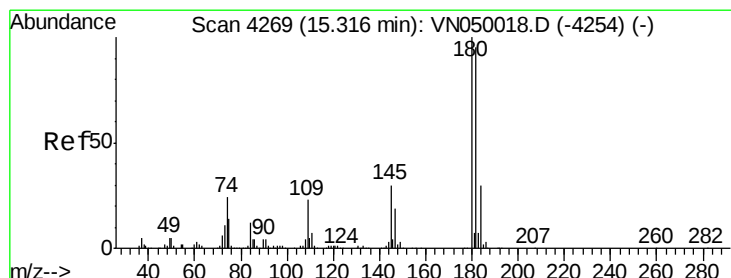
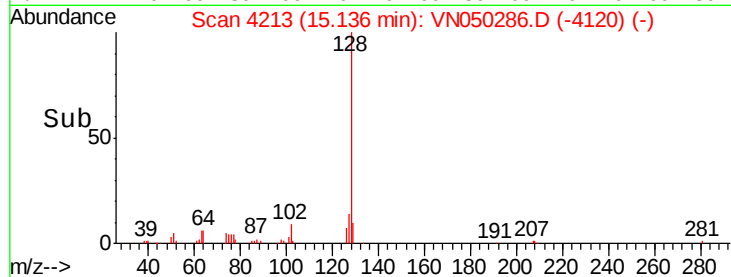
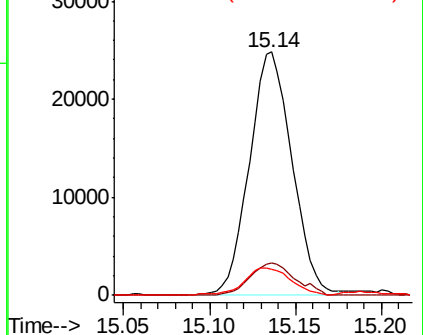
#95
Naphthalene
Concen: 7.25 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

Instrument :
MSVOA_N
ClientSampleId :
KG-PIT-3

Tot Ion:128 Resp: 42814
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 12.4 8.8 13.2

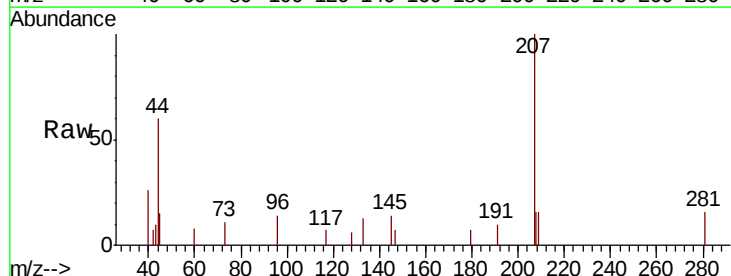


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 2.22 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN050286.D
Acq: 3 Aug 2018 1:18

Tgt Ion:180 Resp: 65
Ion Ratio Lower Upper
180 100
182 173.8 48.1 144.4#
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 144.90 (144.60 to 145.60): V

