

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050287.D
 Acq On : 3 Aug 2018 1:43
 Operator : MD\SY
 Sample : J4285-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KG-PIT-4

Quant Time: Aug 03 04:37:39 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	632611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	902868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	364352	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	458774	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	7.59	113	411955	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.09	98	1444955	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
62) 4-Bromofluorobenzene	12.40	95	406212	38.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.70%	

Target Compounds

						Qvalue
5) Bromomethane	2.56	94	721	Below Cal	#	66
11) Tert butyl alcohol	4.81	59	579	0.89	ug/l #	86
16) Acetone	3.83	43	26722	8.66	ug/l	99
17) Carbon Disulfide	4.05	76	6411	0.29	ug/l	97
18) Methyl Acetate	4.33	43	26056	1.65	ug/l	97
20) Methylene Chloride	4.55	84	25354	2.04	ug/l	95
25) 2-Butanone	6.85	43	9627	2.86	ug/l	90
28) Bromochloromethane	7.37	49	1813	0.27	ug/l #	10
29) Tetrahydrofuran	7.22	42	1054	0.48	ug/l #	76
30) Chloroform	7.38	83	21255	1.42	ug/l	99
31) Cyclohexane	7.67	56	12348	0.95	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45492	3.77	ug/l #	47
37) Ethyl Acetate	6.85	43	9627	1.14	ug/l #	67
38) Carbon Tetrachloride	7.67	117	56042	4.37	ug/l #	17
41) Methacrylonitrile	7.22	41	690	2.90	ug/l #	26
43) Isopropyl Acetate	8.17	43	331679	20.23	ug/l #	91
47) Bromodichloromethane	9.41	83	3507	0.27	ug/l #	96
48) Methyl methacrylate	9.18	41	9575	1.32	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	1998	0.24	ug/l #	65
56) Ethyl methacrylate	10.23	69	2359	2.22	ug/l #	64
59) 2-Hexanone	10.77	43	16786	7.88	ug/l	63
68) m/p-Xylenes	11.62	106	2774	0.20	ug/l	94
69) o-Xylene	11.95	106	2686	0.20	ug/l	87
70) Styrene	11.96	104	388	0.94	ug/l #	72
71) Bromoform	12.40	173	3565	0.56	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	432	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	197205	29.12	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	197205	92.38	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	8853	0.40	ug/l	96
90) Hexachloroethane	13.89	117	1404	0.29	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.28	75	114	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	683	3.18	ug/l #	50
95) Naphthalene	15.14	128	2051498	116.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	349	2.25	ug/l #	86

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

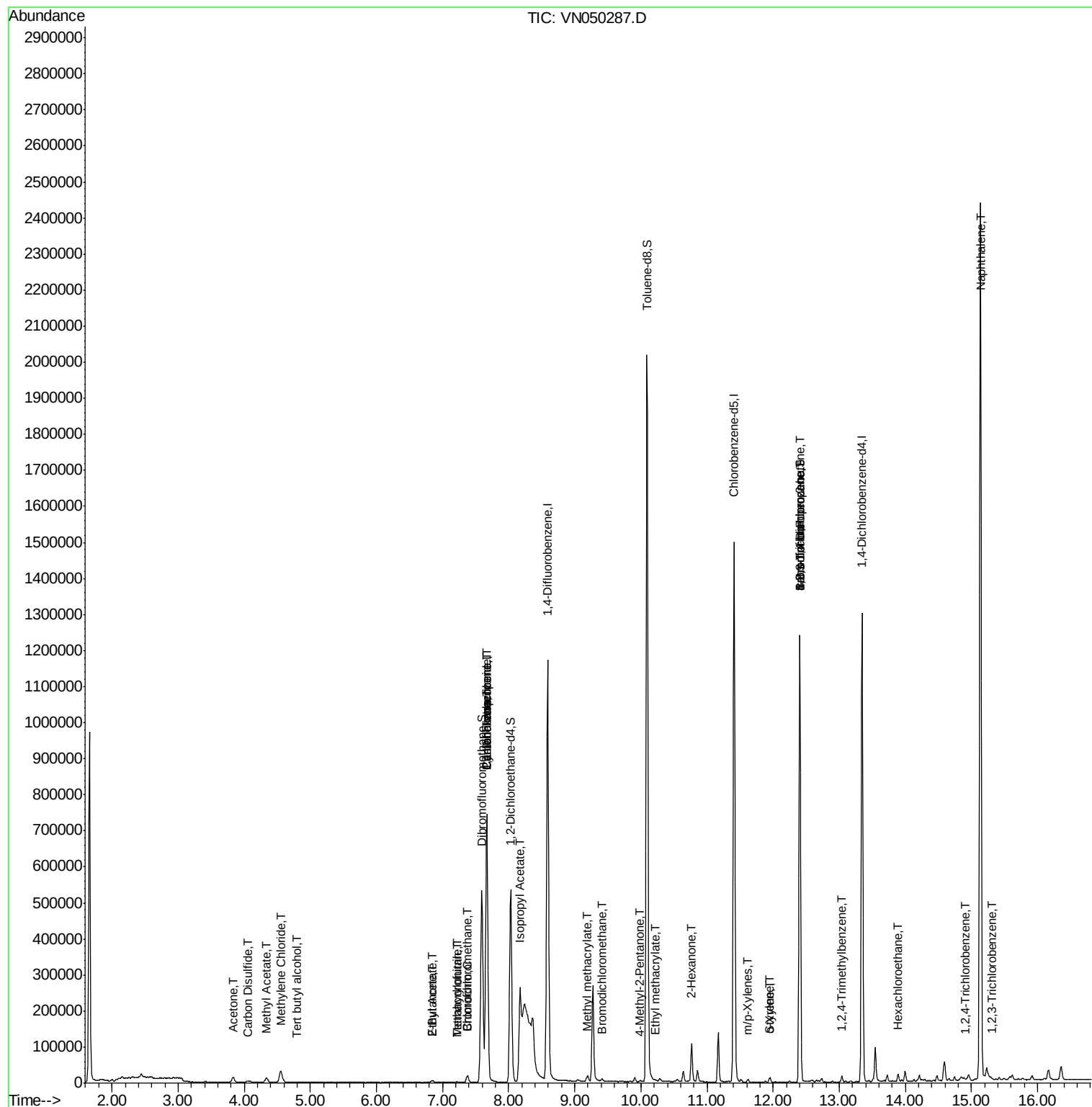
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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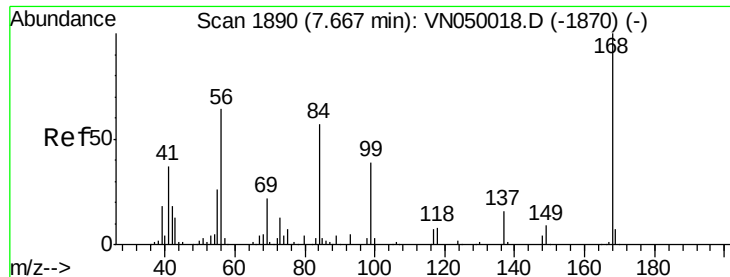
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080218\
Data File : VN050287.D
Acq On : 3 Aug 2018 1:43
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Quant Title : SW846 8260
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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: VN050287.D

Acq: 3 Aug 2018 1:43

Instrument :

MSVOA_N

ClientSampleId :

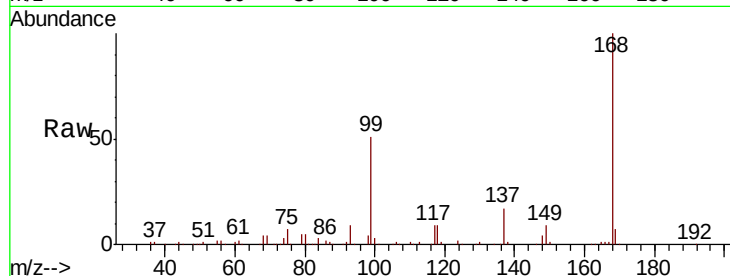
KG-PIT-4

Tot Ion:168 Resp: 632611

Ion Ratio Lower Upper

168 100

99 50.7 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

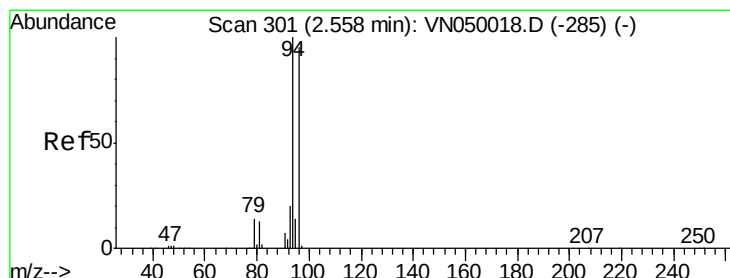
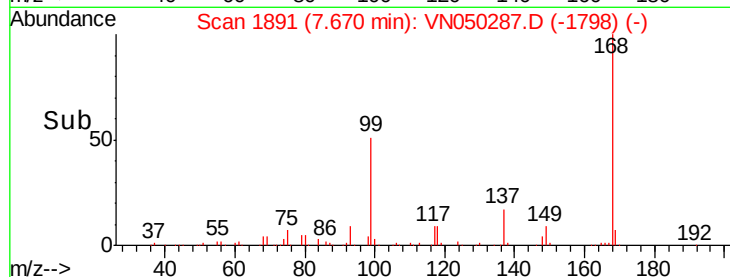
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050287.D

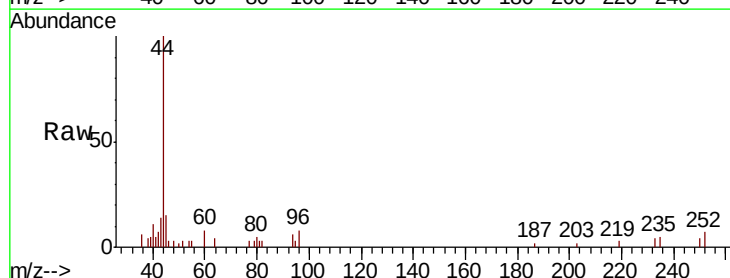
Acq: 3 Aug 2018 1:43

Tgt Ion: 94 Resp: 721

Ion Ratio Lower Upper

94 100

96 126.1 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) (-)

2.56

600

500

400

300

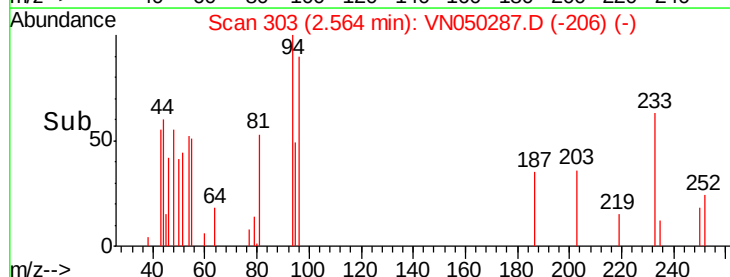
200

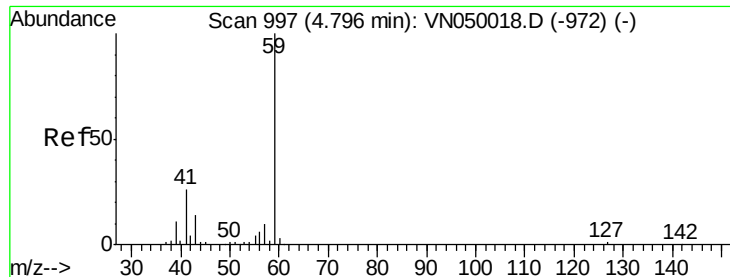
100

0

2.52 2.54 2.56 2.58

Time-->

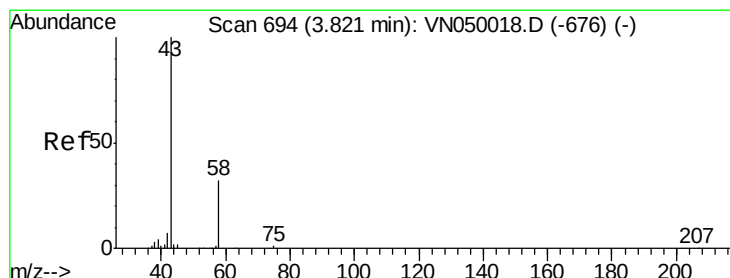
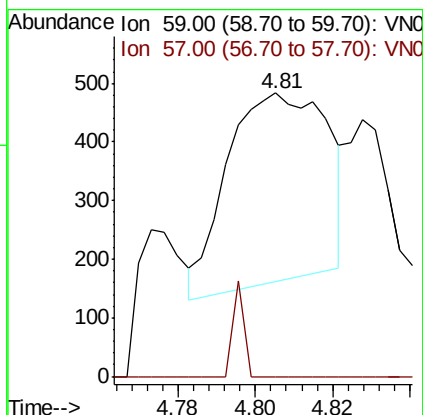
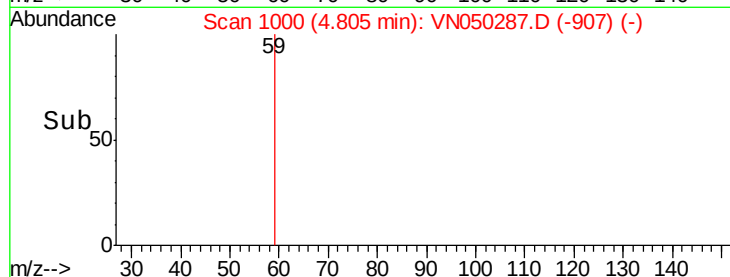
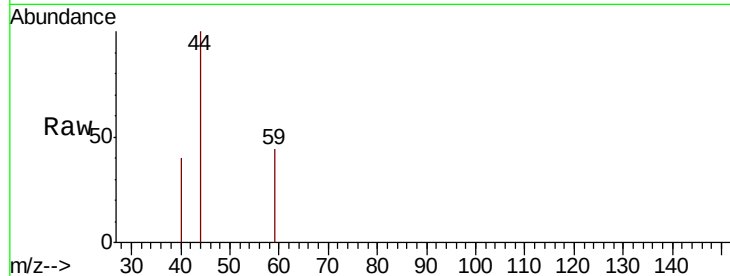




#11
Tert butyl alcohol
Concen: 0.89 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

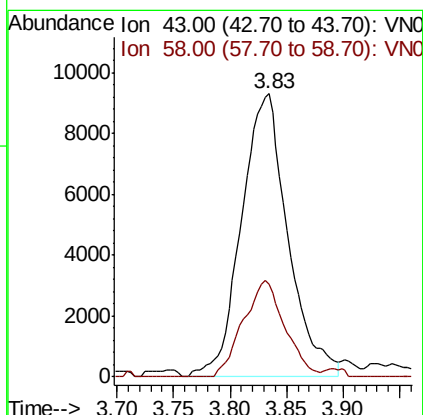
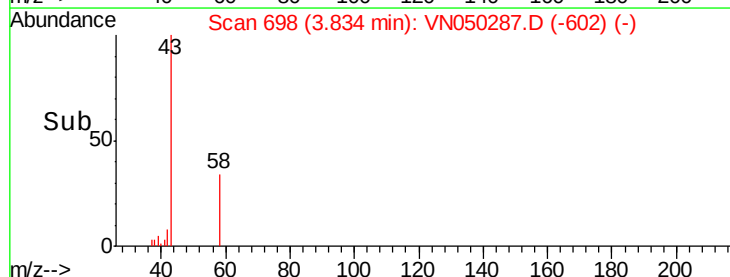
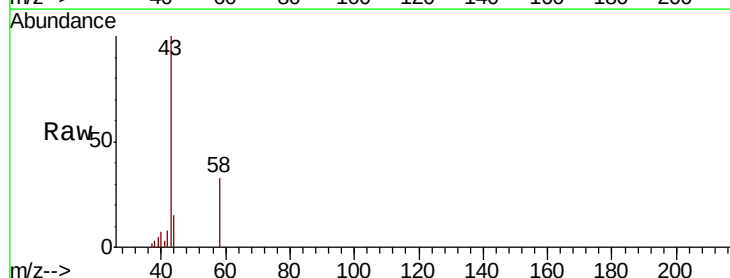
Instrument :
MSVOA_N
ClientSampled :
KG-PIT-4

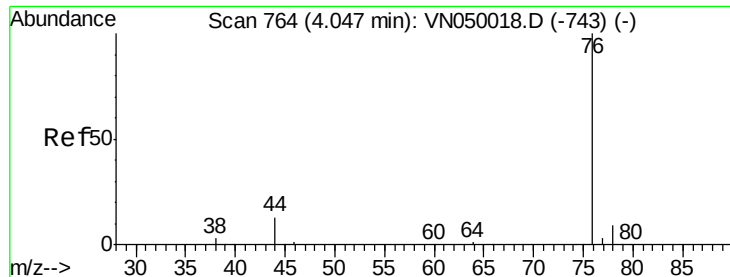
Tot Ion: 59 Resp: 579
Ion Ratio Lower Upper
59 100
57 5.4 8.5 12.7#



#16
Acetone
Concen: 8.66 ug/l
RT: 3.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion: 43 Resp: 26722
Ion Ratio Lower Upper
43 100
58 32.9 25.8 38.8

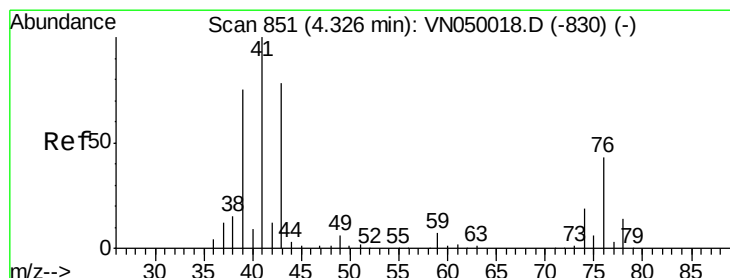
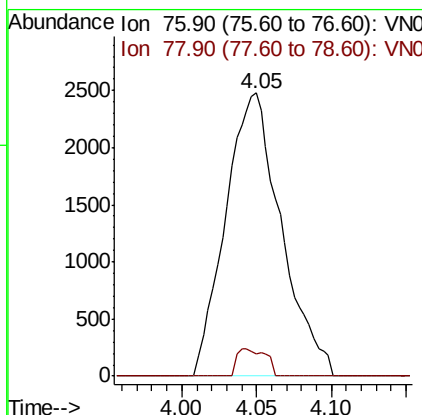
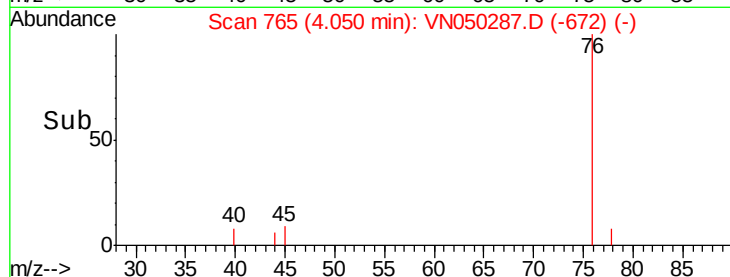
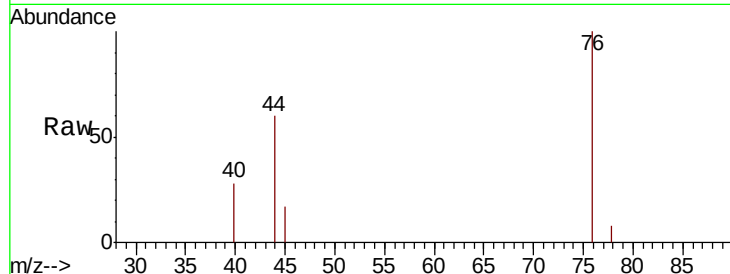




#17
Carbon Disulfide
Concen: 0.29 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

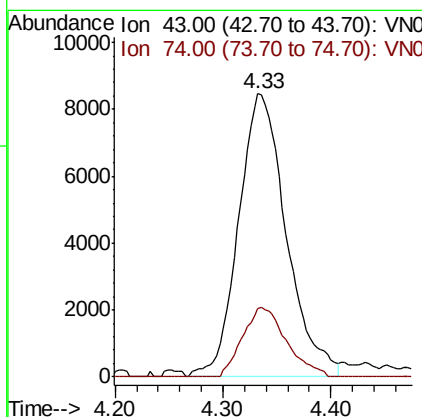
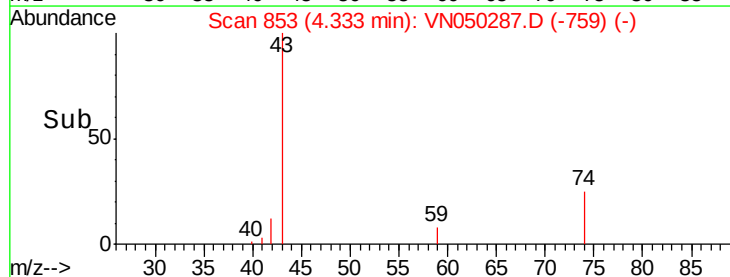
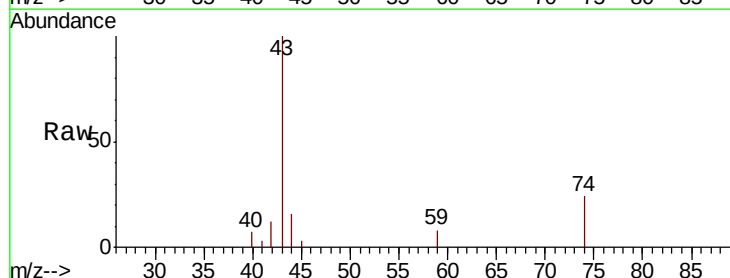
Instrument :
MSVOA_N
ClientSampled :
KG-PIT-4

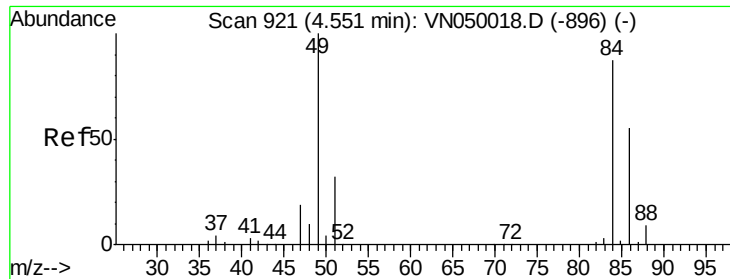
Tot Ion: 76 Resp: 6411
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#18
Methyl Acetate
Concen: 1.65 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion: 43 Resp: 26056
Ion Ratio Lower Upper
43 100
74 22.6 19.2 28.8

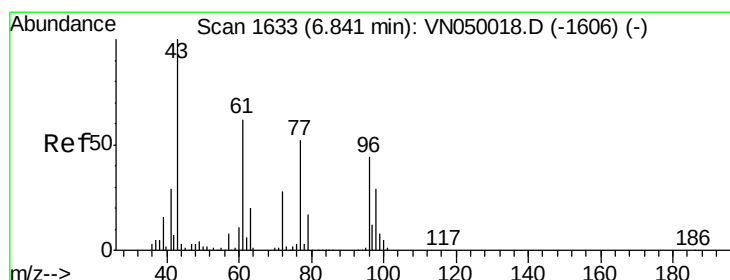
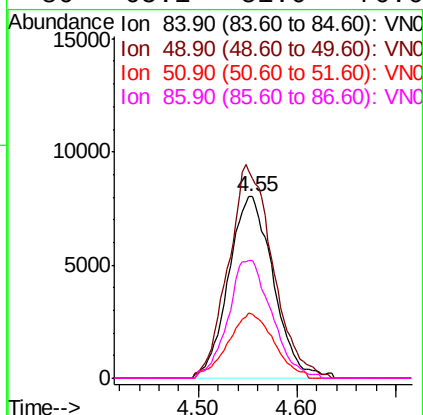
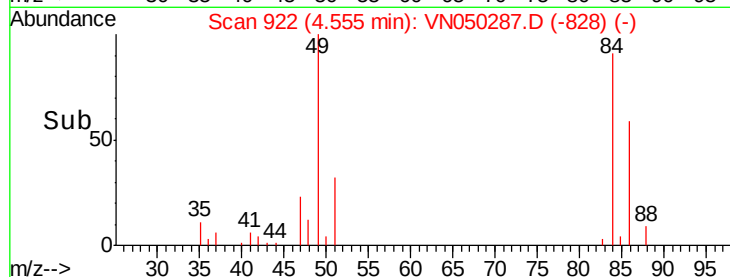
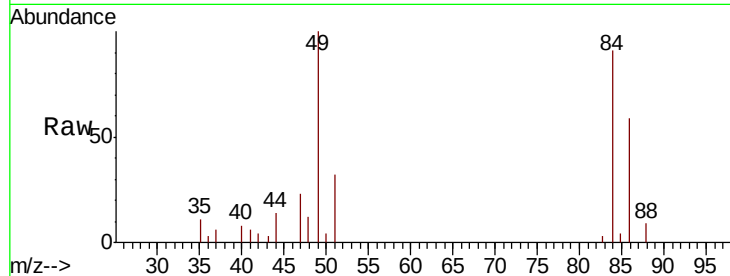




#20
Methvlene Chloride
Concen: 2.04 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

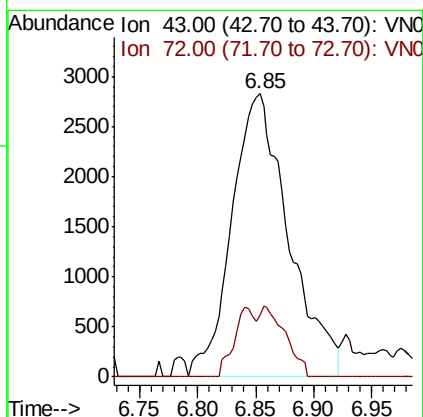
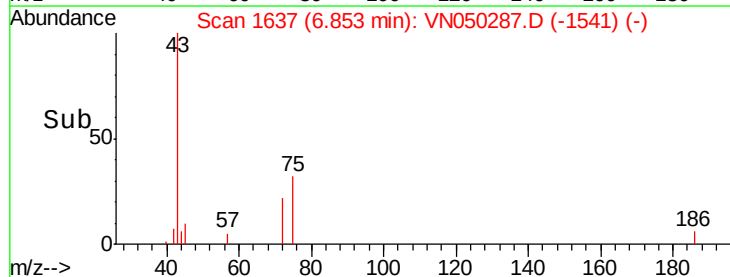
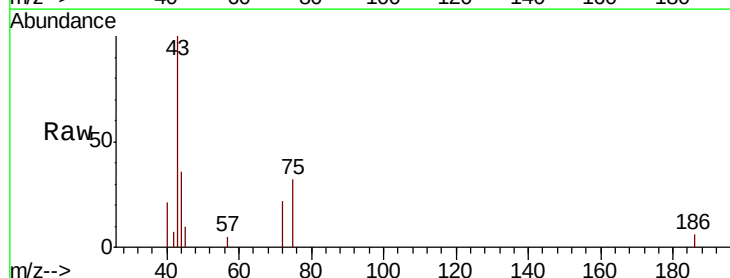
Instrument :
MSVOA_N
ClientSampled :
KG-PIT-4

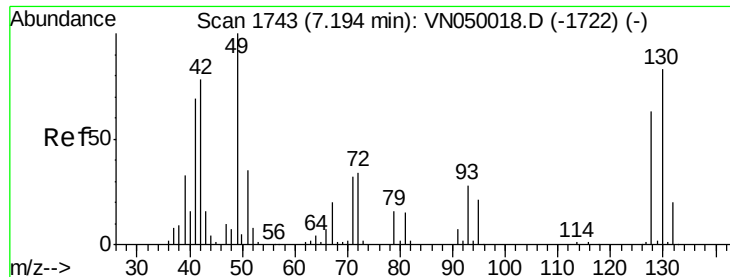
Tot Ion: 84 Resp: 25354
Ion Ratio Lower Upper
84 100
49 110.1 94.8 142.2
51 35.2 28.3 42.5
86 65.1 51.0 76.6



#25
2-Butanone
Concen: 2.86 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion: 43 Resp: 9627
Ion Ratio Lower Upper
43 100
72 21.9 21.5 32.3





#28

Bromochloromethane

Concen: 0.27 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. 0.17 min

Lab File: VN050287.D

Acq: 3 Aug 2018 1:43

Instrument :

MSVOA_N

ClientSampled :

KG-PIT-4

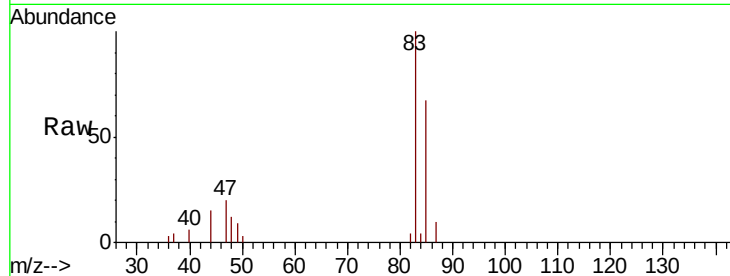
Tot Ion: 49 Resp: 1813

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

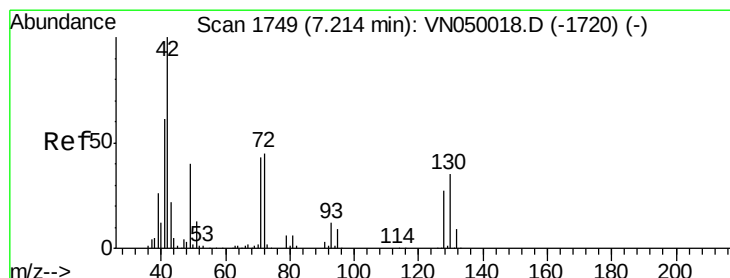
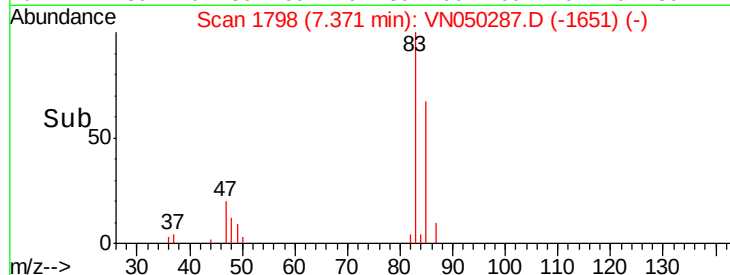
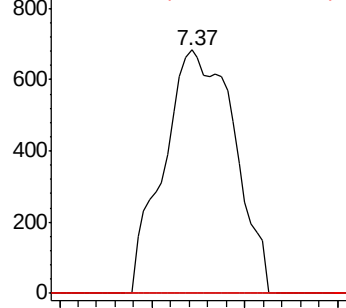
130 0.0 66.3 99.5#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0



#29

Tetrahydrofuran

Concen: 0.48 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050287.D

Acq: 3 Aug 2018 1:43

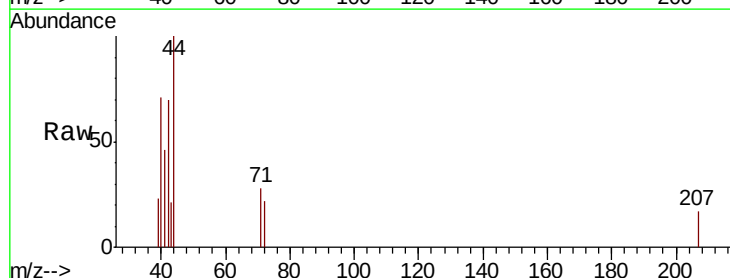
Tgt Ion: 42 Resp: 1054

Ion Ratio Lower Upper

42 100

72 19.7 35.9 53.9#

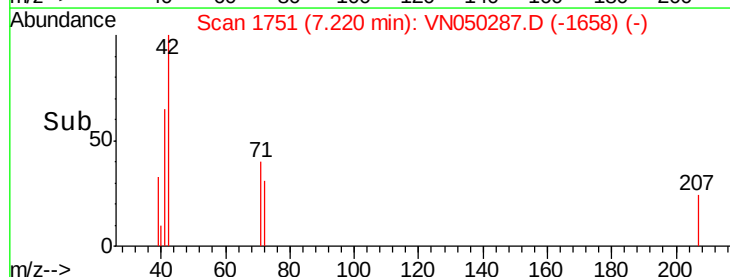
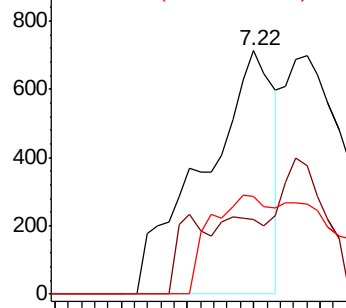
71 36.2 33.7 50.5

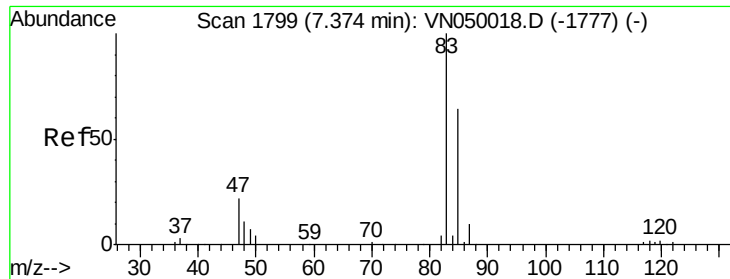


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

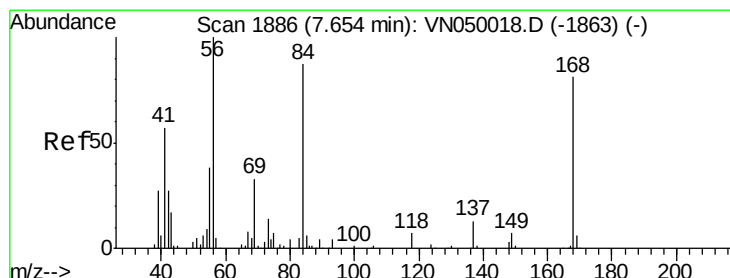
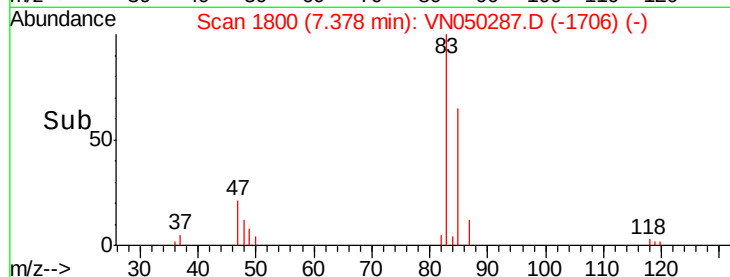
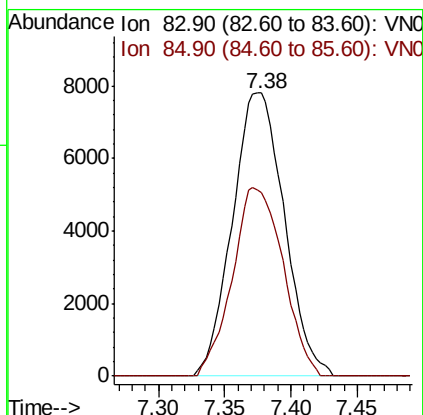
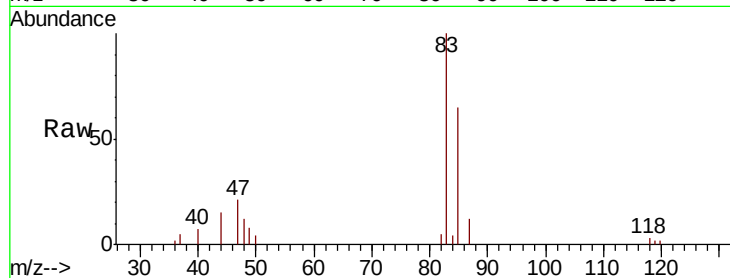




#30
Chloroform
Concen: 1.42 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

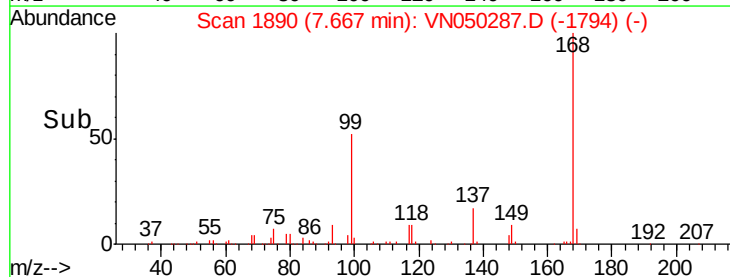
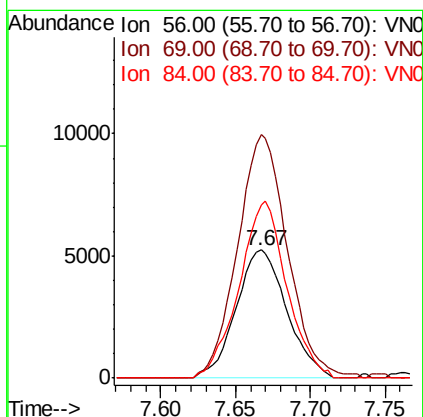
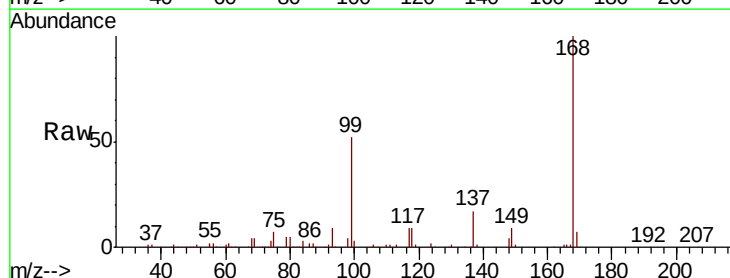
Instrument :
MSVOA_N
ClientSampled :
KG-PIT-4

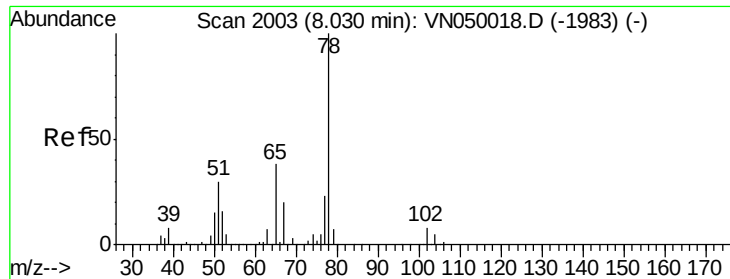
Tot Ion: 83 Resp: 21255
Ion Ratio Lower Upper
83 100
85 64.9 52.5 78.7



#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion: 56 Resp: 12348
Ion Ratio Lower Upper
56 100
69 190.1 26.2 39.4#
84 135.5 67.4 101.0#

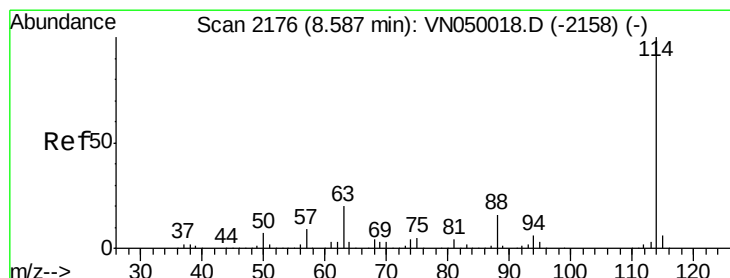
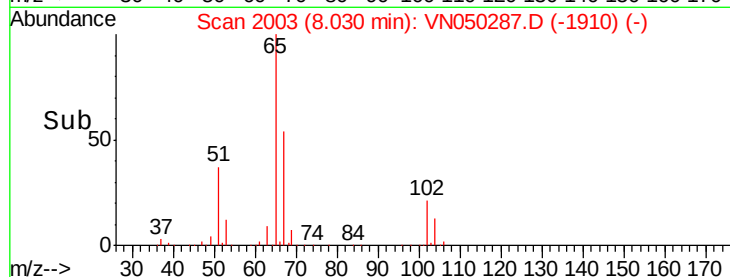
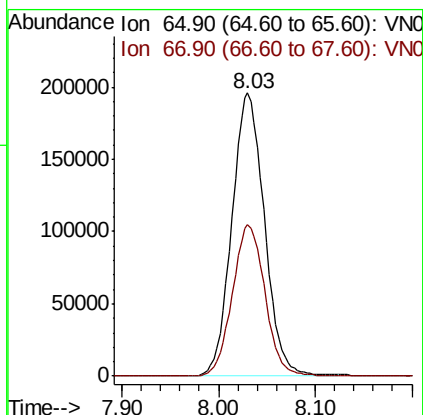
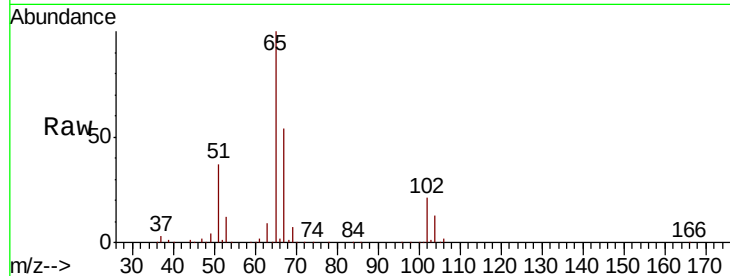




#33
 1,2-Dichloroethane-d4
 Concen: 51.98 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050287.D
 Acq: 3 Aug 2018 1:43

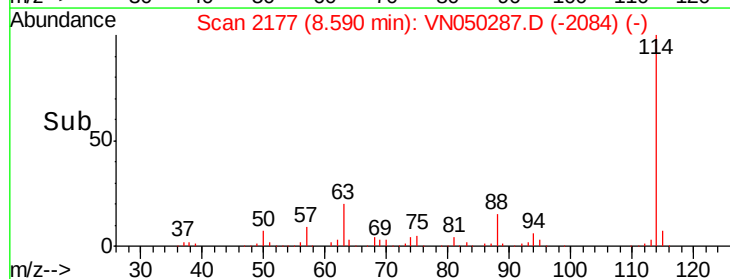
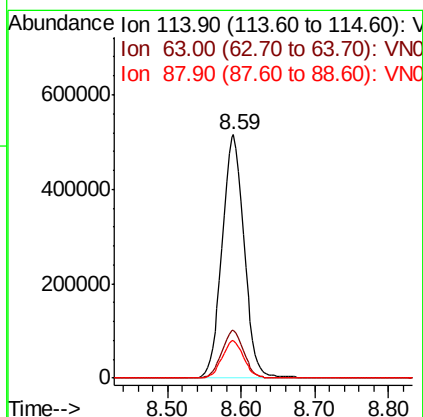
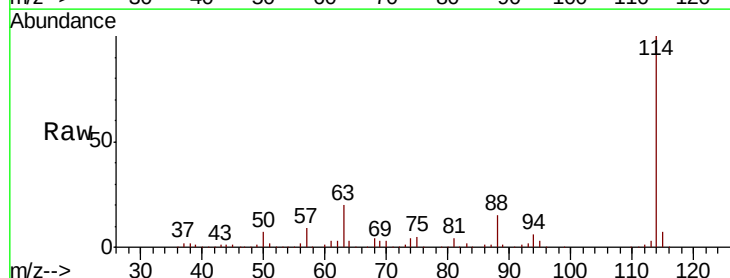
Instrument :
 MSVOA_N
 ClientSampled :
 KG-PIT-4

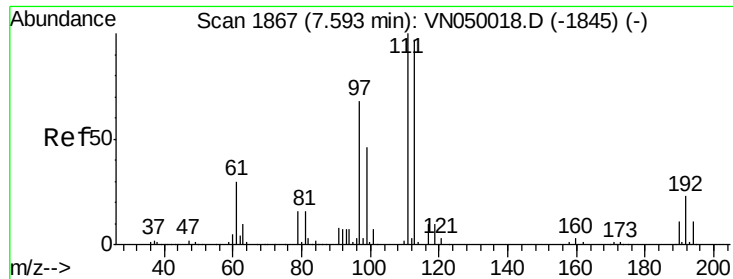
Tot Ion: 65 Resp: 458774
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050287.D
 Acq: 3 Aug 2018 1:43

Tgt Ion: 114 Resp: 1071646
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.3 0.0 31.2

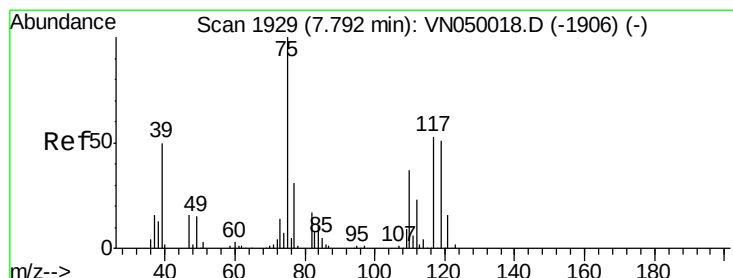
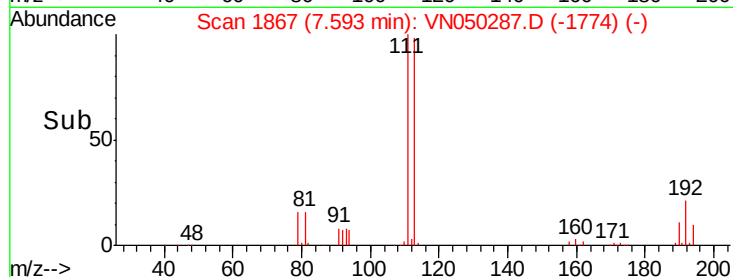
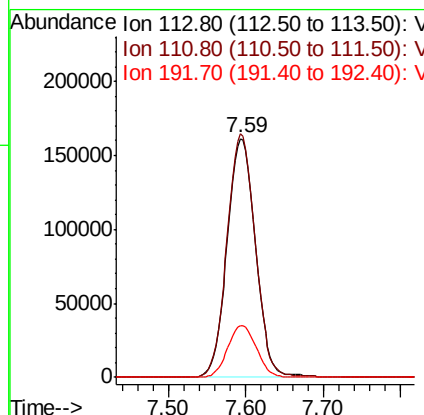
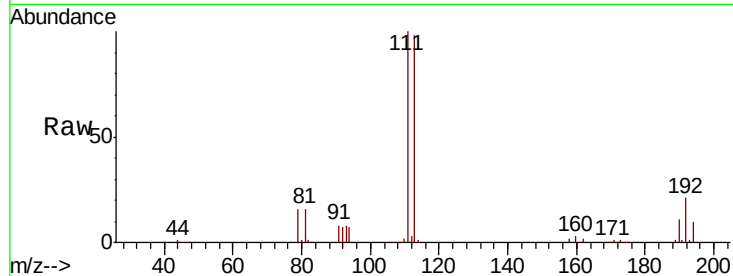




#35
 Dibromofluoromethane
 Concen: 47.08 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050287.D
 Acq: 3 Aug 2018 1:43

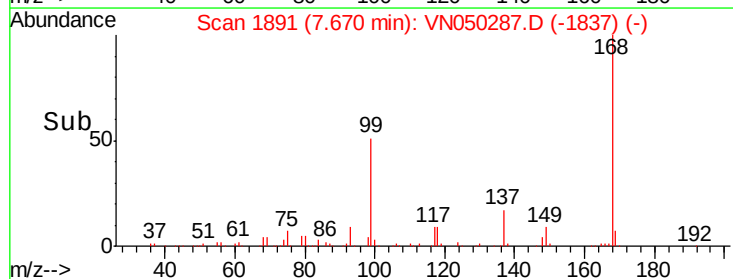
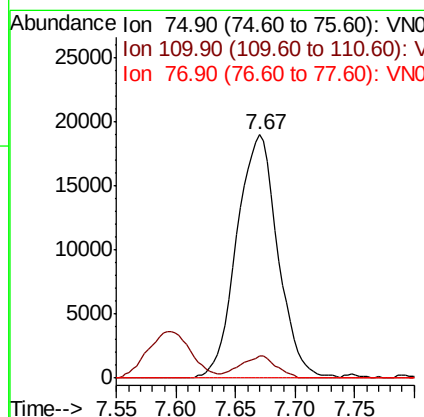
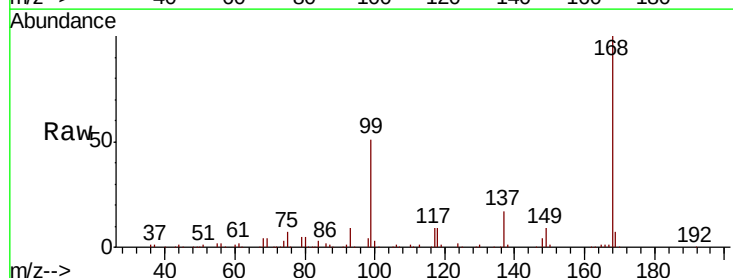
Instrument :
 MSVOA_N
 ClientSampled :
 KG-PIT-4

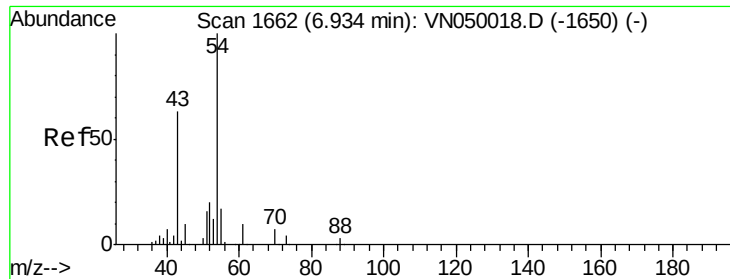
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.7	121.1
192	21.9	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050287.D
 Acq: 3 Aug 2018 1:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.4	55.2#
77	0.0	25.3	37.9#

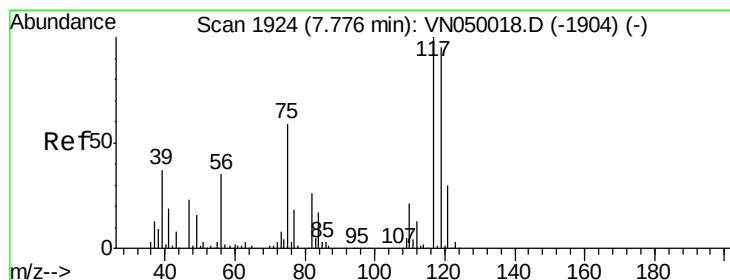
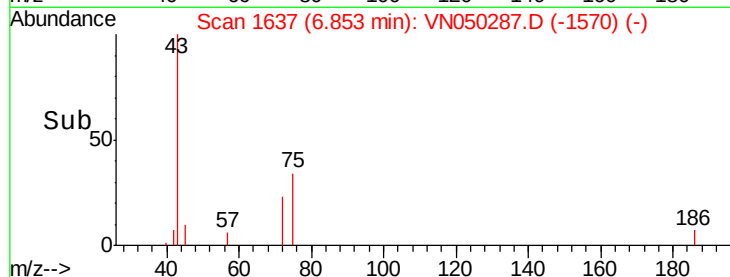
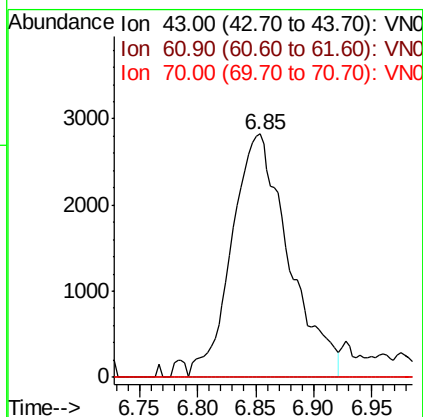
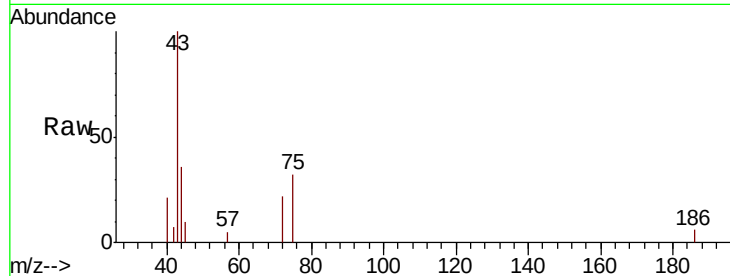




#37
Ethyl Acetate
Concen: 1.14 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. -0.08 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

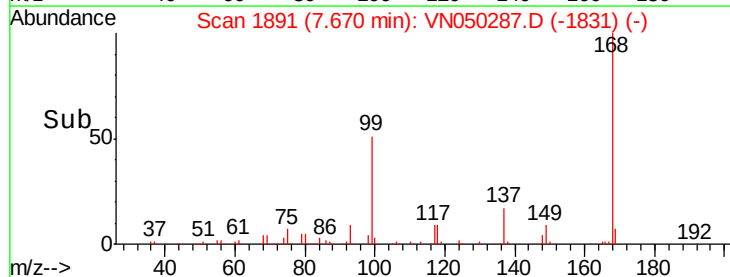
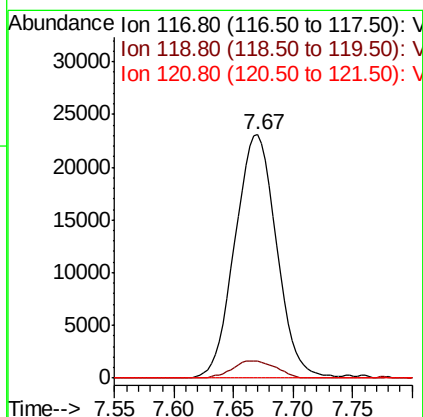
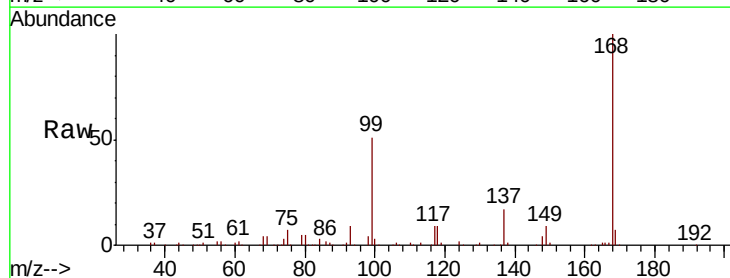
Instrument :
MSVOA_N
ClientSampleId :
KG-PIT-4

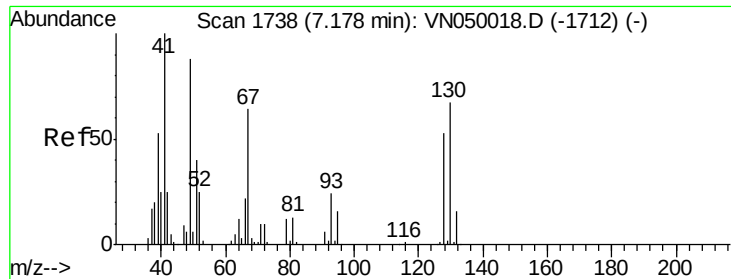
Tot Ion: 43 Resp: 9627
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 4.37 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion: 117 Resp: 56042
Ion Ratio Lower Upper
117 100
119 7.2 77.4 116.0#
121 0.0 23.9 35.9#

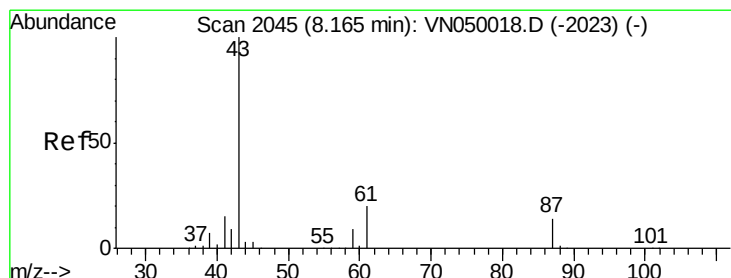
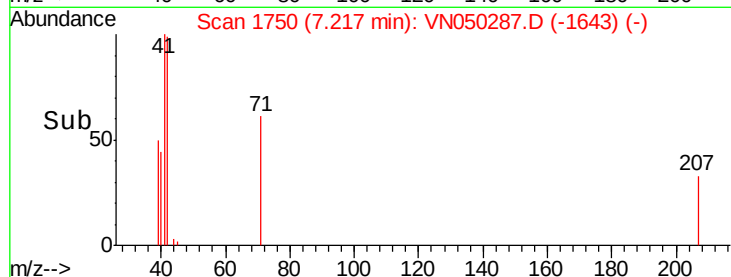
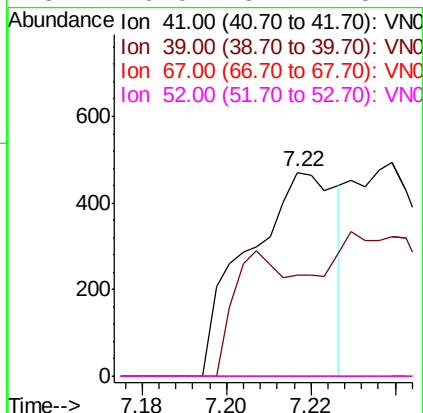
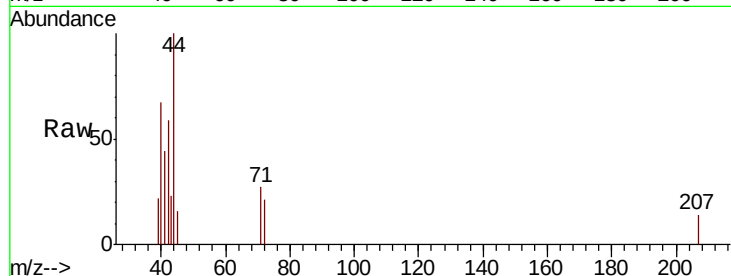




#41
Methacrylonitrile
Concen: 2.90 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

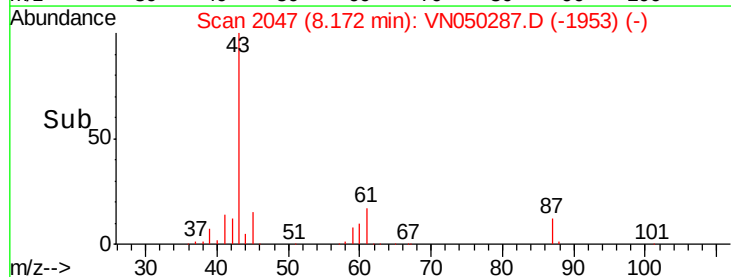
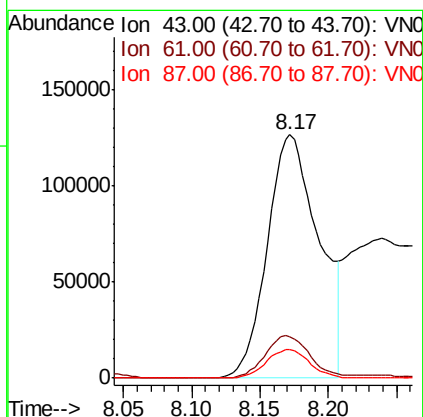
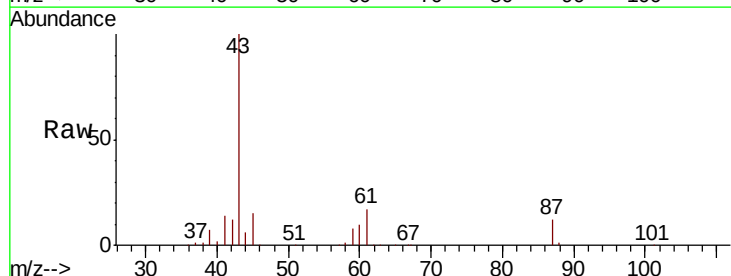
Instrument :
MSVOA_N
ClientSampled :
KG-PIT-4

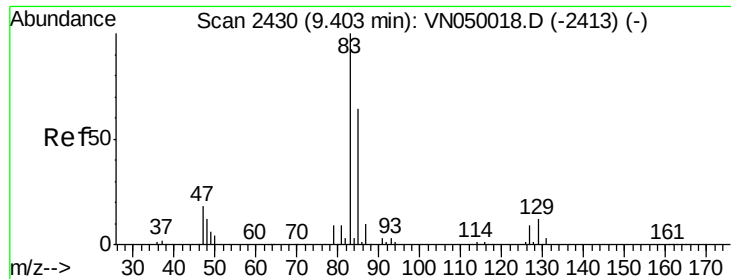
Tot Ion: 41 Resp: 690
Ion Ratio Lower Upper
41 100
39 39.9 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 20.23 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion: 43 Resp: 331679
Ion Ratio Lower Upper
43 100
61 15.1 15.8 23.6#
87 10.0 10.3 15.5#

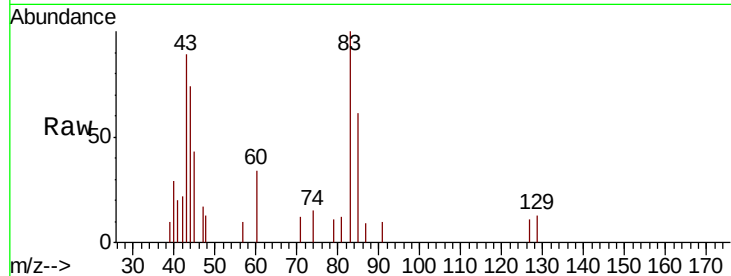




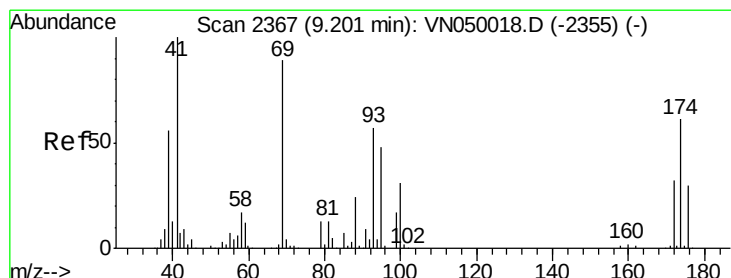
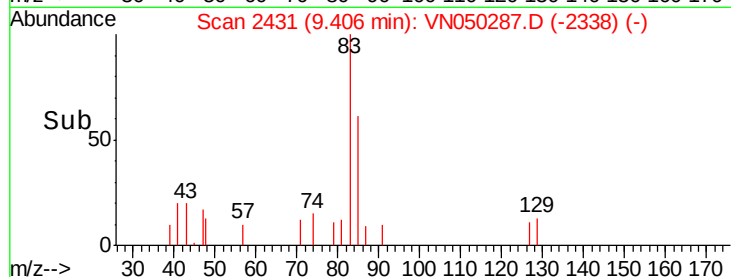
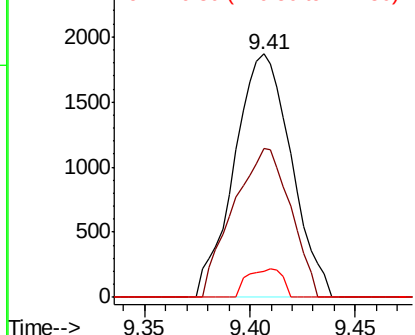
#47
Bromodichloromethane
Concen: 0.27 ug/l
RT: 9.41 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Instrument :
MSVOA_N
ClientSampled :
KG-PIT-4

Tot Ion: 83 Resp: 3507
Ion Ratio Lower Upper
83 100
85 61.2 51.1 76.7
127 10.7 7.0 10.4#

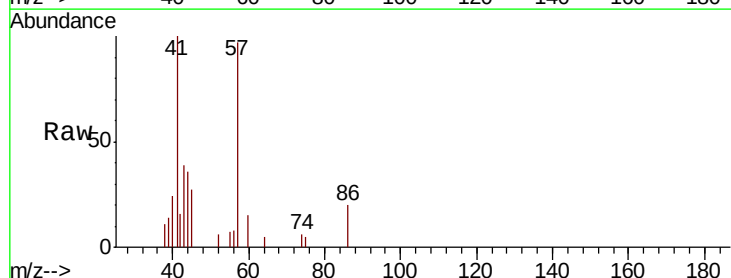


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

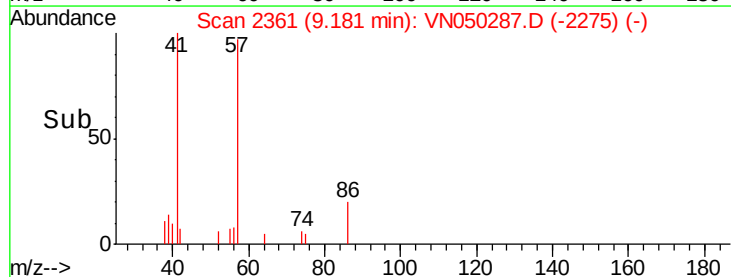
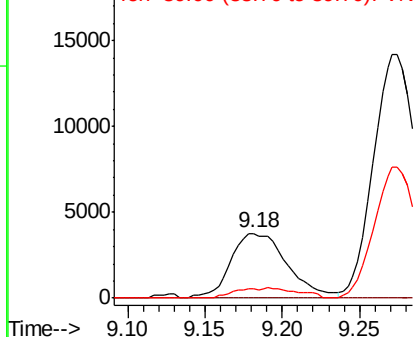


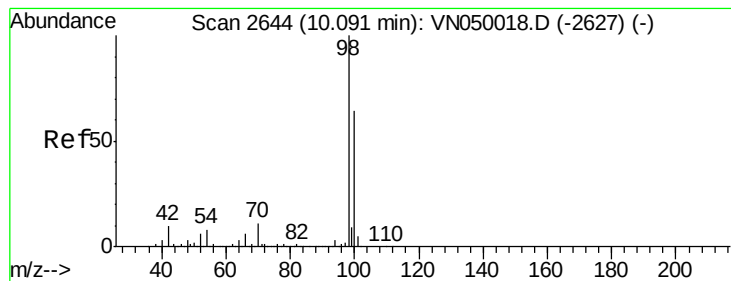
#48
Methyl methacrylate
Concen: 1.32 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion: 41 Resp: 9575
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 15.3 43.9 65.9#



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





#50

Toluene-d8

Concen: 44.92 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050287.D

Acq: 3 Aug 2018 1:43

Instrument :

MSVOA_N

ClientSampled :

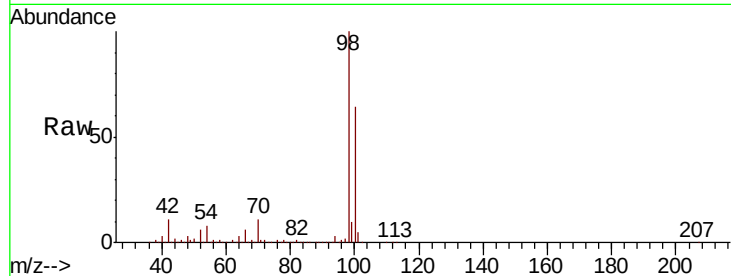
KG-PIT-4

Tot Ion: 98 Resp: 1444955

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050018.D (-2627) (-)

10.09

800000

600000

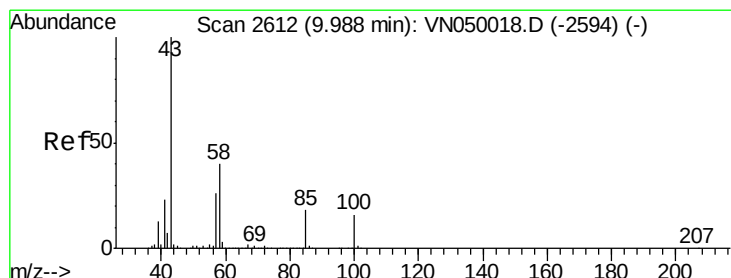
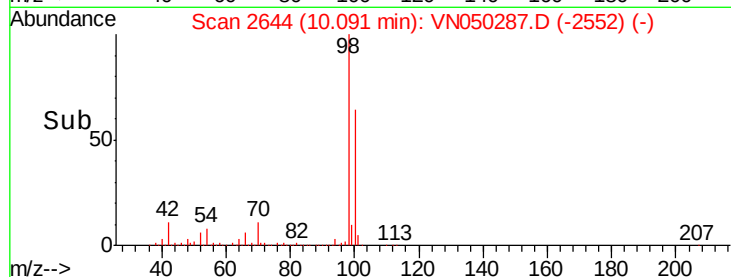
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.24 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050287.D

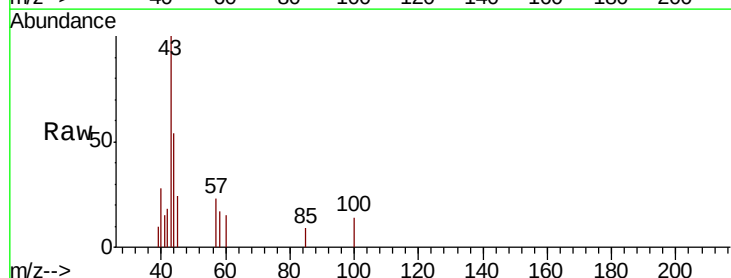
Acq: 3 Aug 2018 1:43

Tgt Ion: 43 Resp: 1998

Ion Ratio Lower Upper

43 100

58 18.4 31.9 47.9#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2594) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-2594) (-)

9.99

2000

1500

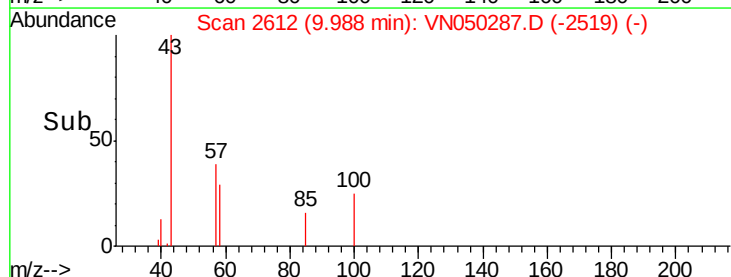
1000

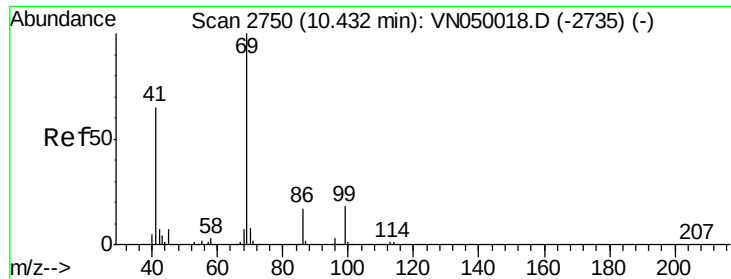
500

0

9.96 9.98 10.00

Time-->





#56

Ethyl methacrylate

Concen: 2.22 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050287.D

Acq: 3 Aug 2018 1:43

Instrument :

MSVOA_N

ClientSampled :

KG-PIT-4

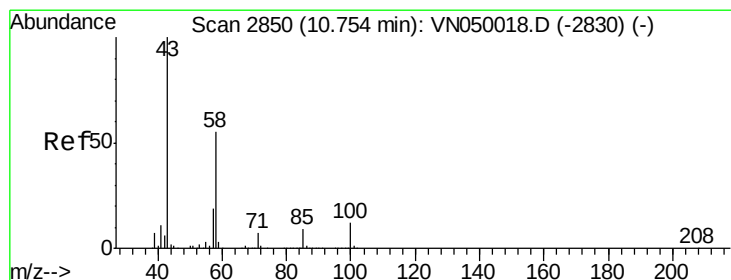
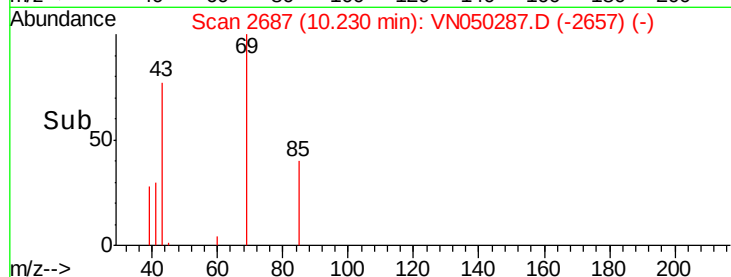
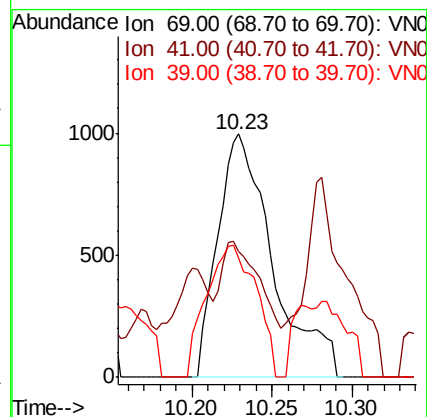
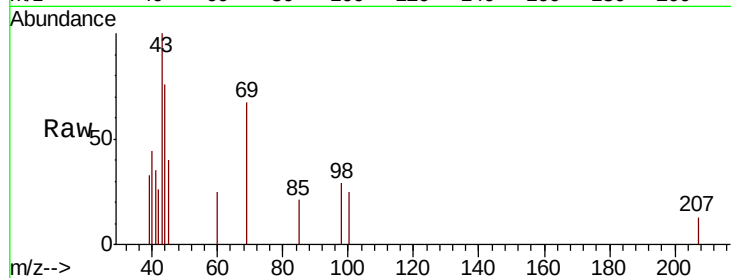
Tot Ion: 69 Resp: 2359

Ion Ratio Lower Upper

69 100

41 32.6 51.0 76.4#

39 49.0 26.6 40.0#



#59

2-Hexanone

Concen: 7.88 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050287.D

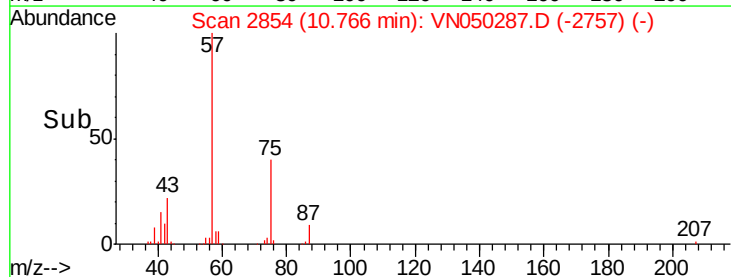
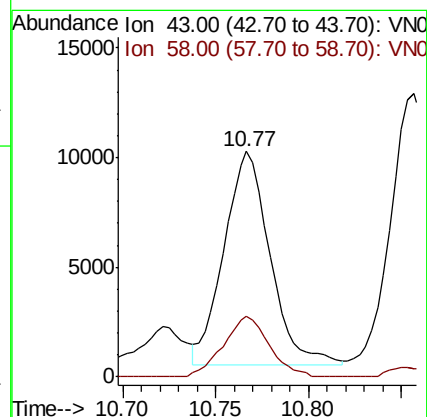
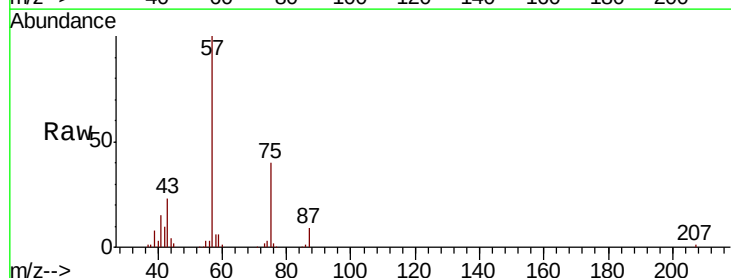
Acq: 3 Aug 2018 1:43

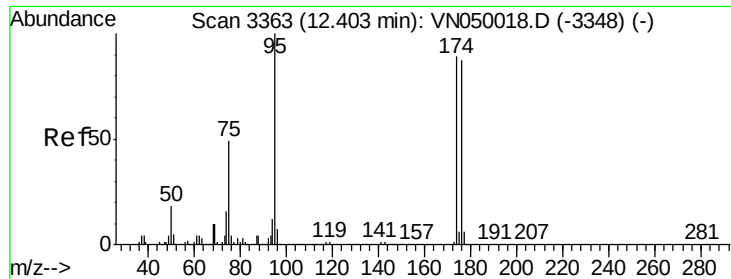
Tgt Ion: 43 Resp: 16786

Ion Ratio Lower Upper

43 100

58 28.1 27.6 82.7

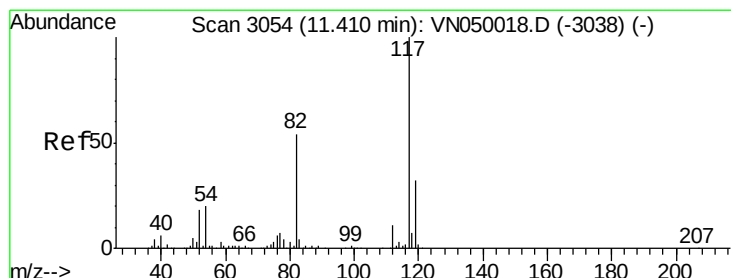
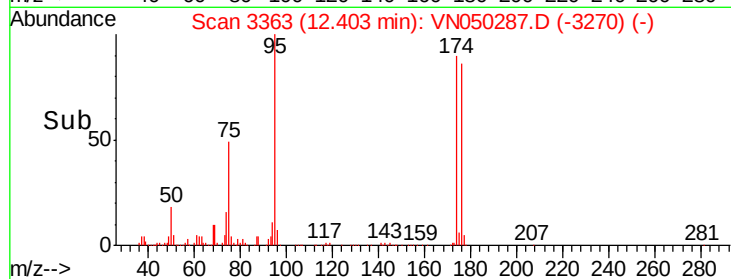
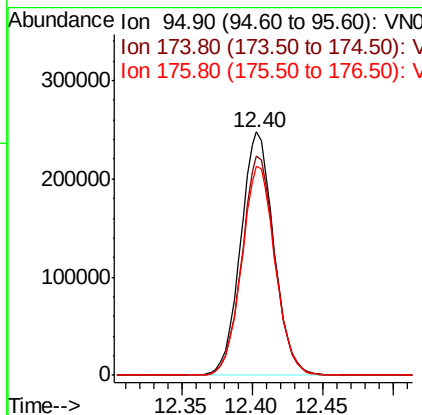
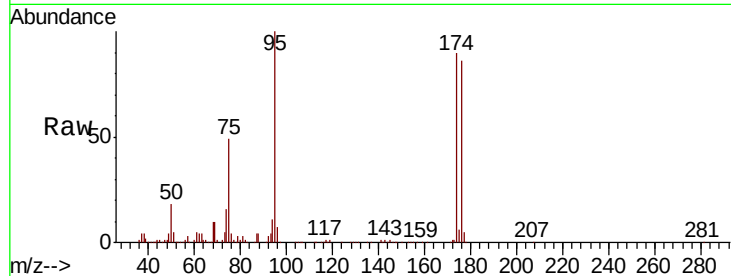




#62
4-Bromofluorobenzene
Concen: 38.35 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

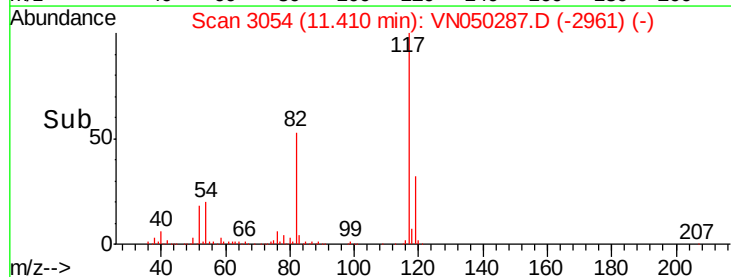
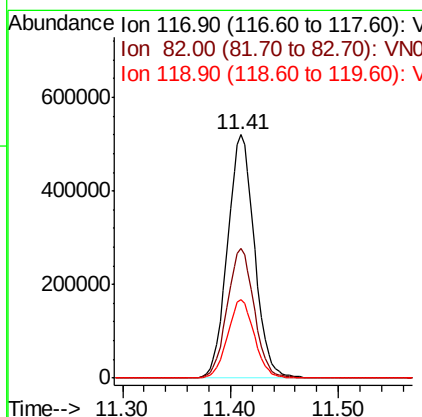
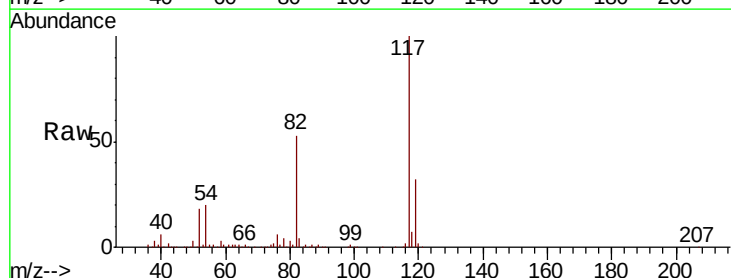
Instrument :
MSVOA_N
ClientSampleId :
KG-PIT-4

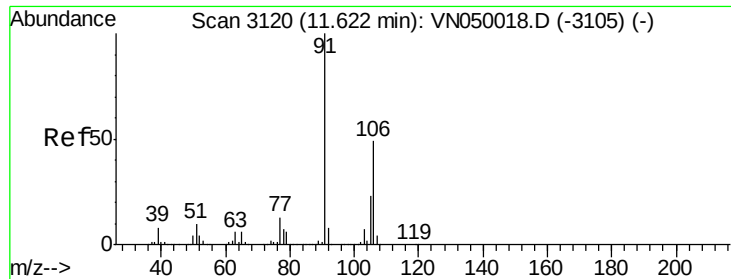
Tot Ion: 95 Resp: 406212
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 86.9 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion: 117 Resp: 902868
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 32.4 26.1 39.1

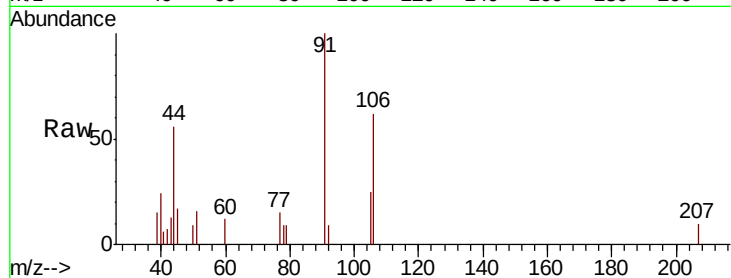




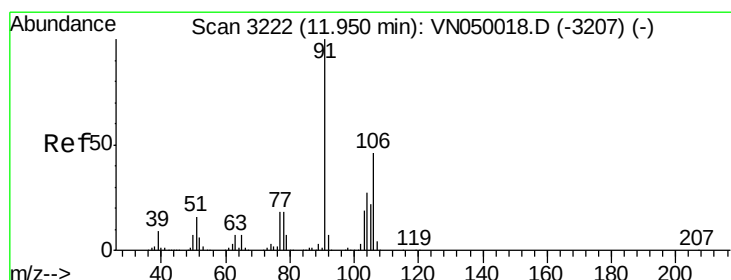
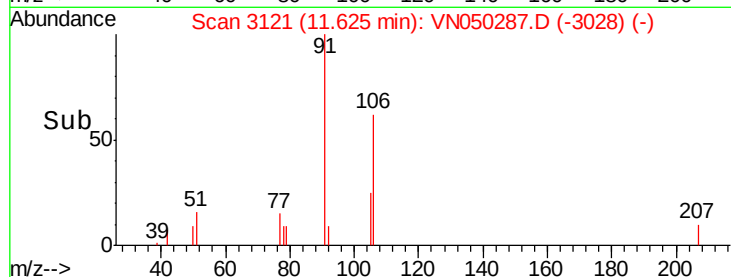
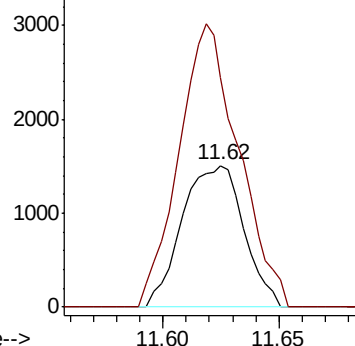
#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Instrument :
MSVOA_N
ClientSampled :
KG-PIT-4

Tot Ion:106 Resp: 2774
Ion Ratio Lower Upper
106 100
91 193.9 162.2 243.2

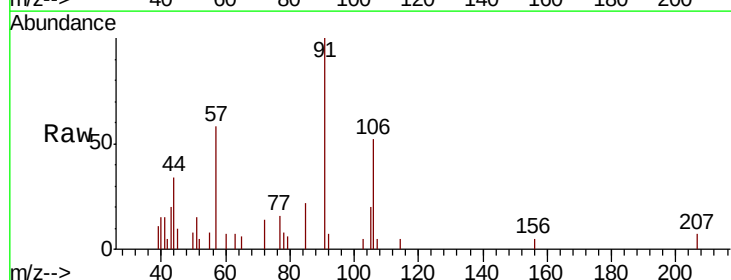


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

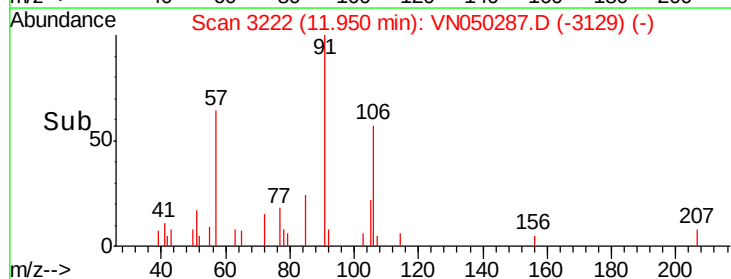
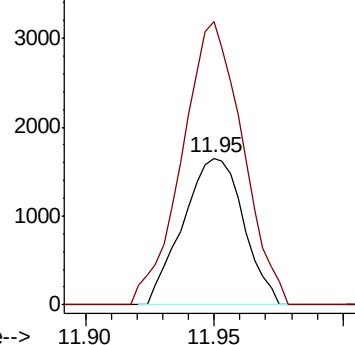


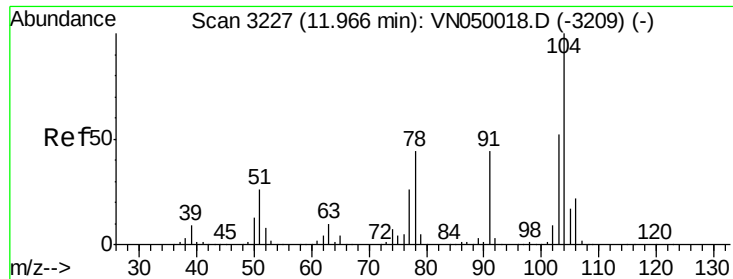
#69
o-Xylene
Concen: 0.20 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion:106 Resp: 2686
Ion Ratio Lower Upper
106 100
91 194.0 107.7 323.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

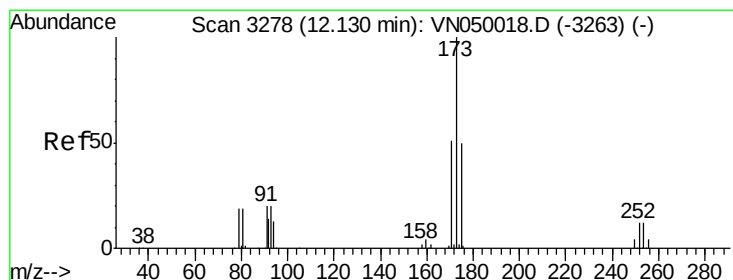
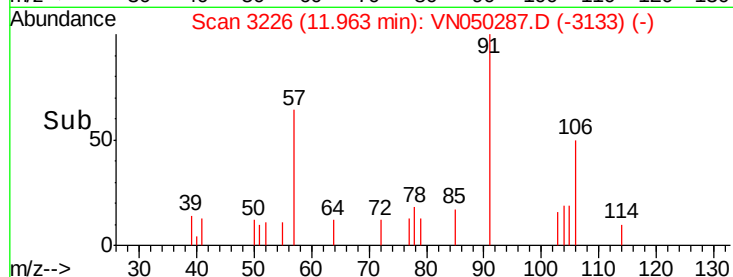
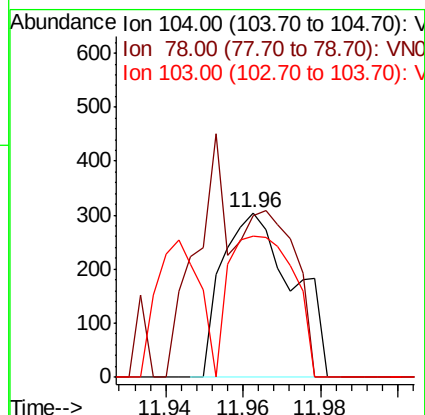
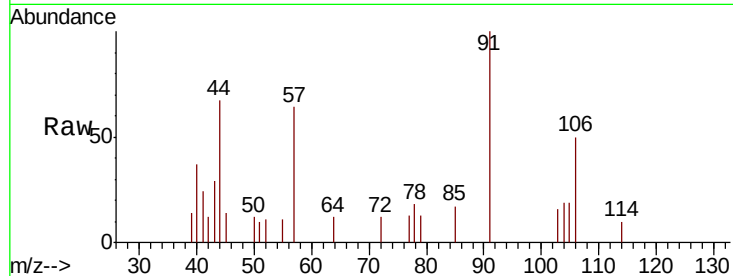




#70
Stvrene
Concen: 0.94 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

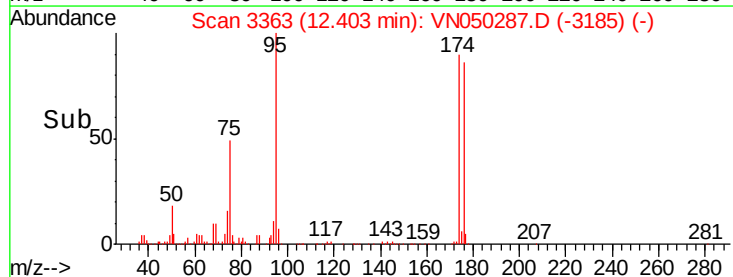
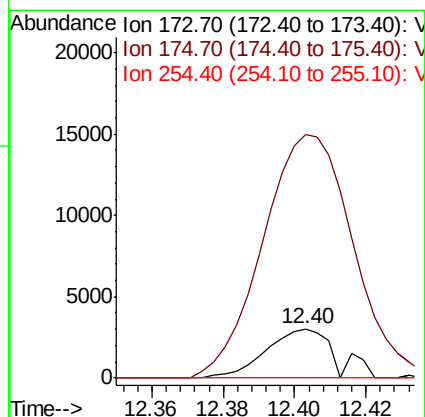
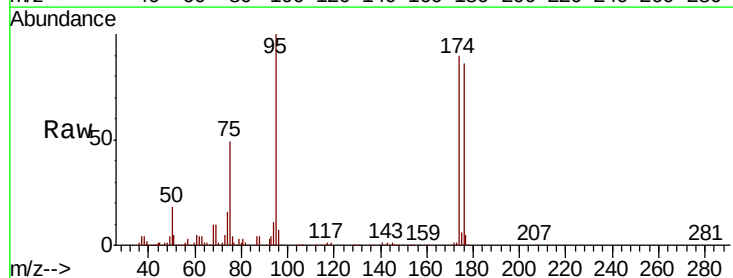
Instrument :
MSVOA_N
ClientSampled :
KG-PIT-4

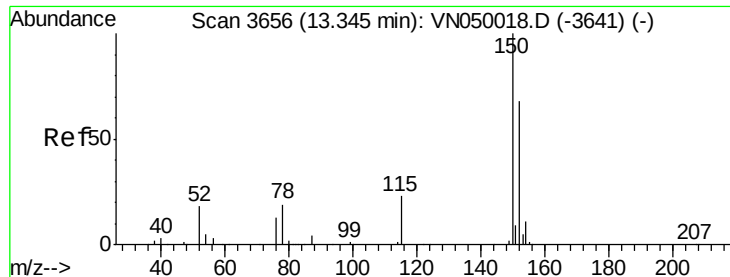
Tot Ion:104 Resp: 388
Ion Ratio Lower Upper
104 100
78 66.5 39.3 58.9#
103 78.9 45.0 67.6#



#71
Bromoform
Concen: 0.56 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion:173 Resp: 3565
Ion Ratio Lower Upper
173 100
175 651.9 24.1 72.2#
254 0.0 0.2 0.2#

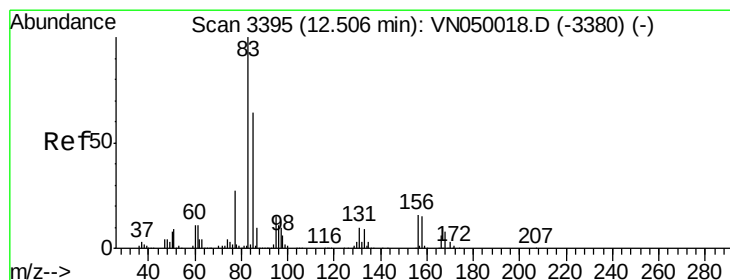
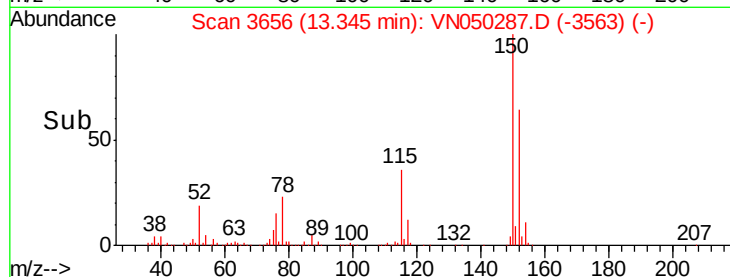
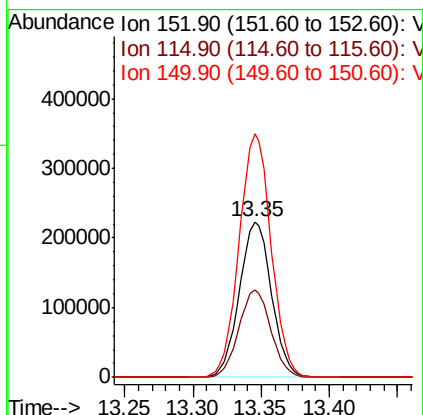
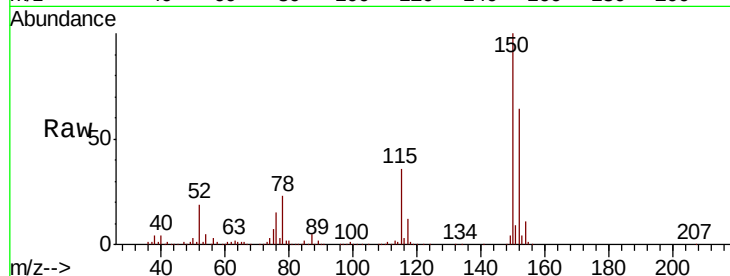




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN050287.D
 Acq: 3 Aug 2018 1:43

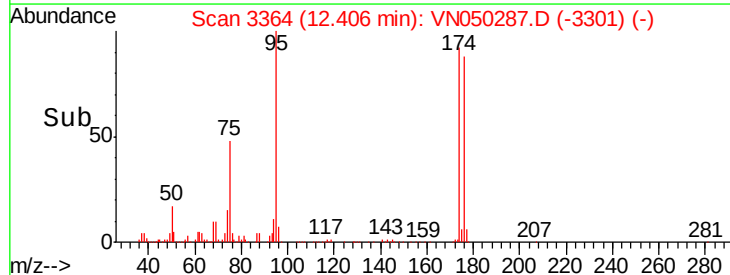
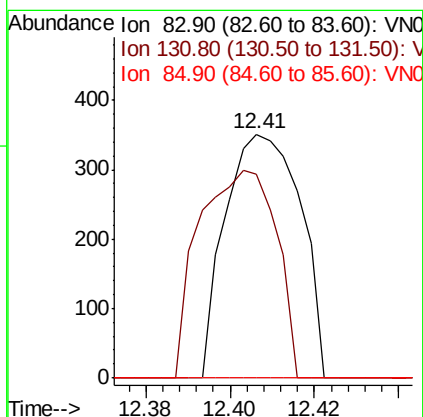
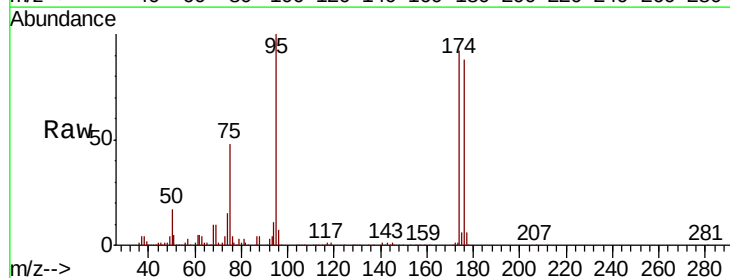
Instrument :
 MSVOA_N
 ClientSampled :
 KG-PIT-4

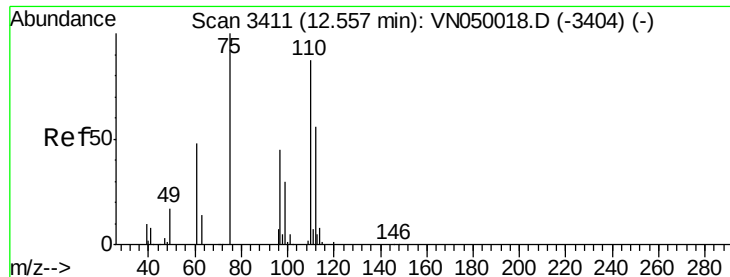
Tot Ion:152 Resp: 364352
 Ion Ratio Lower Upper
 152 100
 115 56.3 27.8 83.3
 150 155.9 0.0 348.6



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.41 min Scan# 3364
 Delta R.T. -0.10 min
 Lab File: VN050287.D
 Acq: 3 Aug 2018 1:43

Tgt Ion: 83 Resp: 432
 Ion Ratio Lower Upper
 83 100
 131 88.0 5.1 15.3#
 85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 29.12 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050287.D

Acq: 3 Aug 2018 1:43

Instrument :

MSVOA_N

ClientSampled :

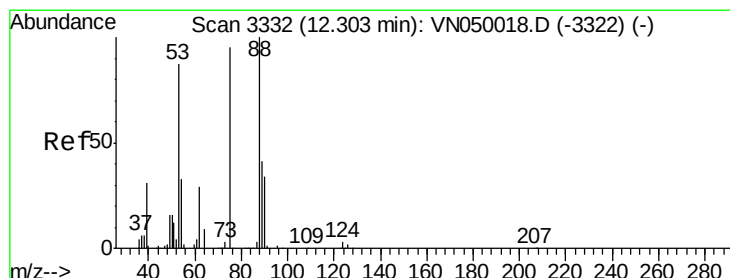
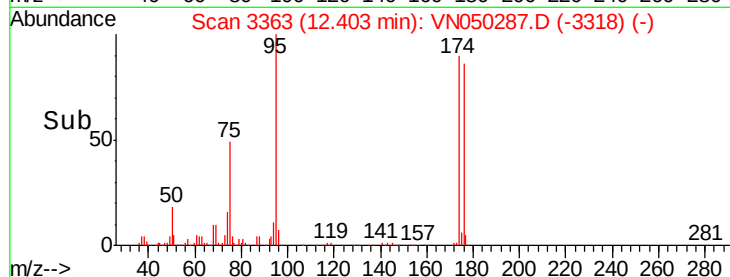
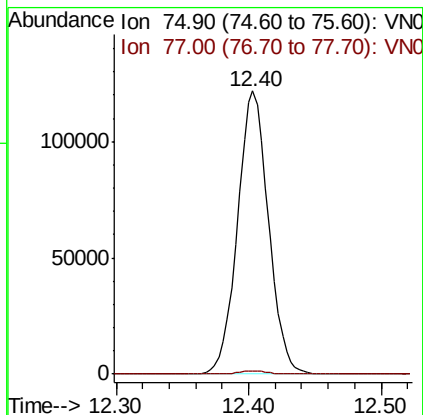
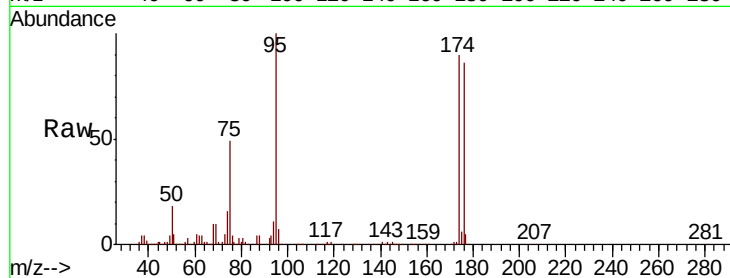
KG-PIT-4

Tot Ion: 75 Resp: 197205

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.38 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050287.D

Acq: 3 Aug 2018 1:43

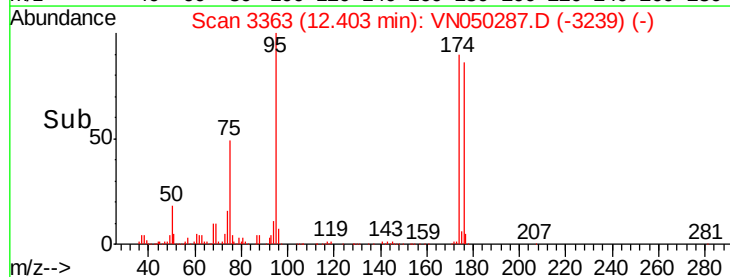
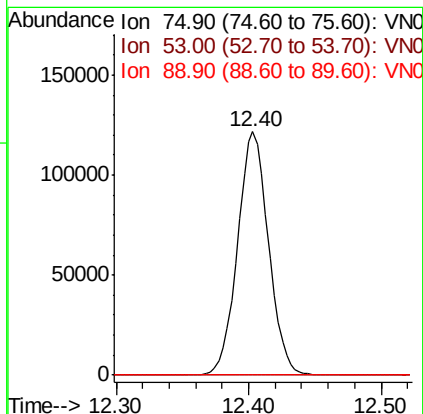
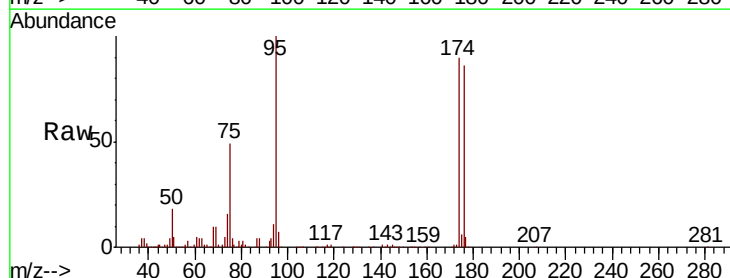
Tgt Ion: 75 Resp: 197205

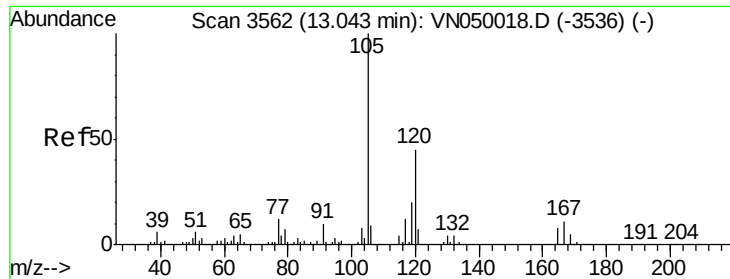
Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

89 0.0 36.0 54.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.40 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN050287.D

Acq: 3 Aug 2018 1:43

Instrument :

MSVOA_N

ClientSampleId :

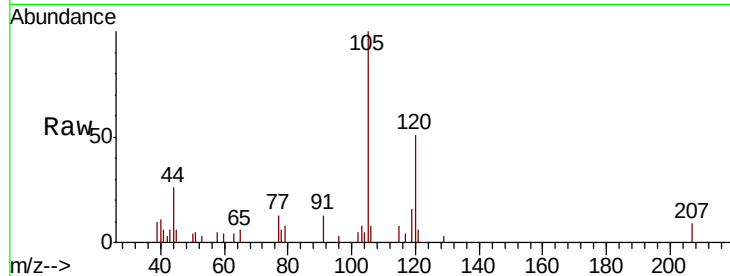
KG-PIT-4

Tot Ion:105 Resp: 8853

Ion Ratio Lower Upper

105 100

120 48.4 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

6000

5000

4000

3000

2000

1000

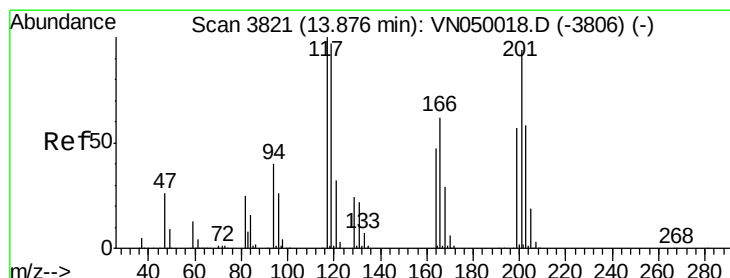
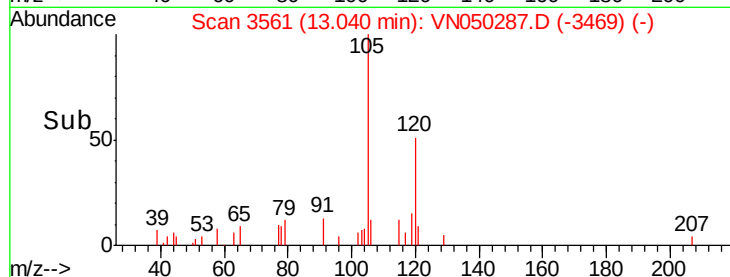
0

Time-->

13.00

13.05

13.10



#90

Hexachloroethane

Concen: 0.29 ug/l

RT: 13.89 min Scan# 3824

Delta R.T. 0.01 min

Lab File: VN050287.D

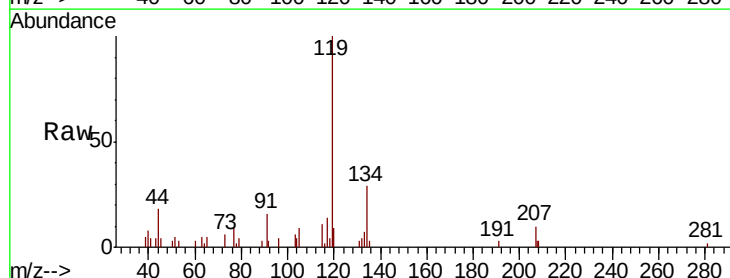
Acq: 3 Aug 2018 1:43

Tgt Ion:117 Resp: 1404

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

13.89

1200

1000

800

600

400

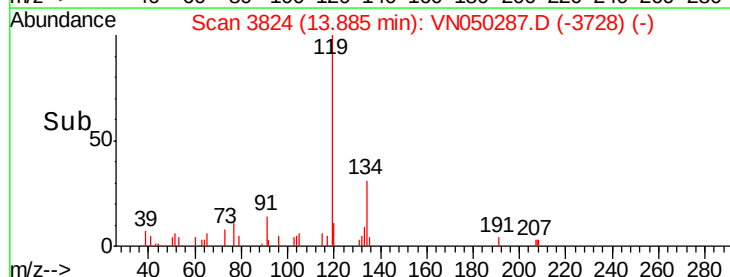
200

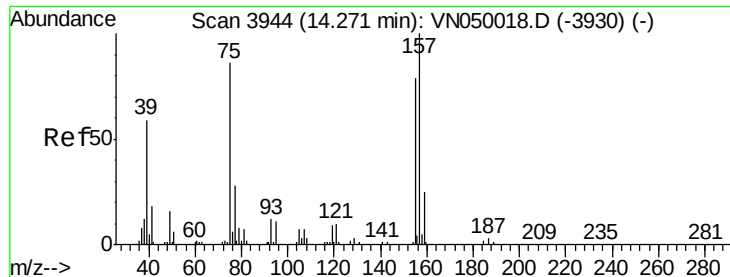
0

Time-->

13.85

13.90





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3946

Delta R.T. 0.01 min

Lab File: VN050287.D

Acq: 3 Aug 2018 1:43

Instrument :

MSVOA_N

ClientSampleId :

KG-PIT-4

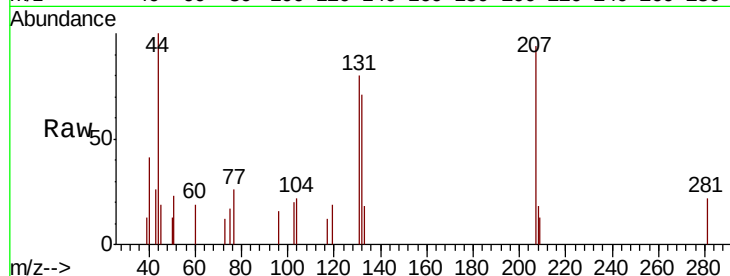
Tot Ion: 75 Resp: 114

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#

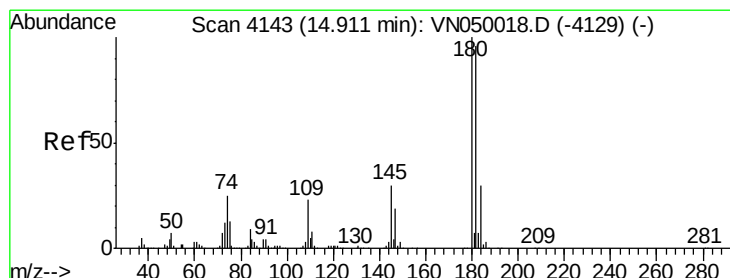
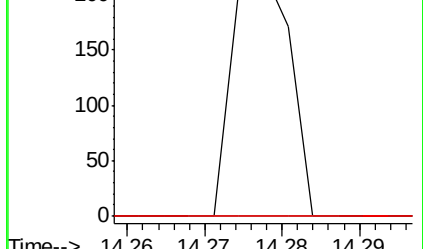
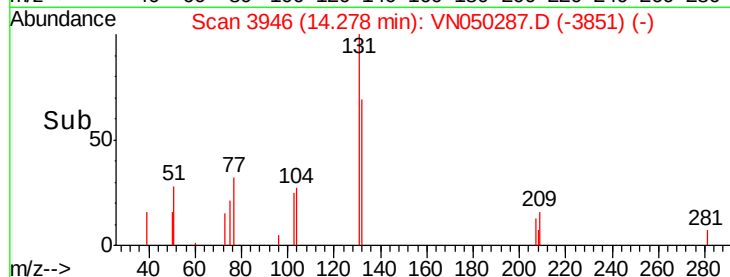


Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050018.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050018.D (-3930) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.18 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050287.D

Acq: 3 Aug 2018 1:43

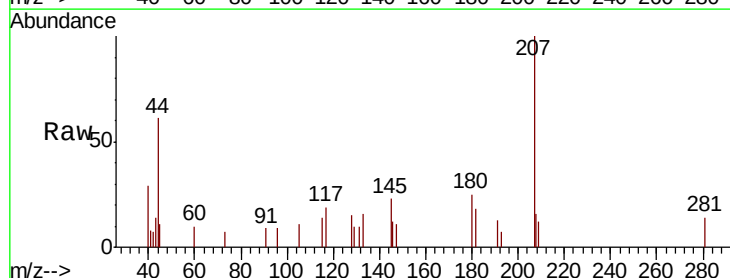
Tgt Ion:180 Resp: 683

Ion Ratio Lower Upper

180 100

182 92.5 46.7 140.1

145 140.3 13.8 41.4#

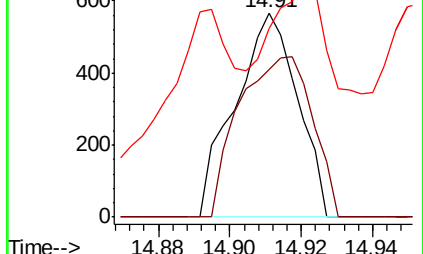
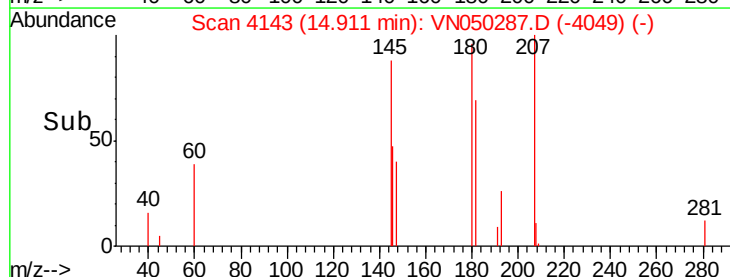


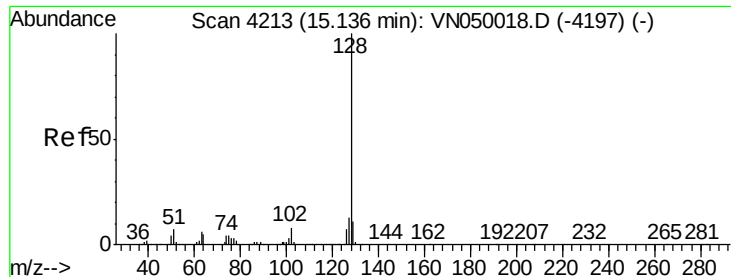
Abundance Ion 179.80 (179.50 to 180.50): VN050018.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050018.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050018.D (-4129) (-)

Time-->

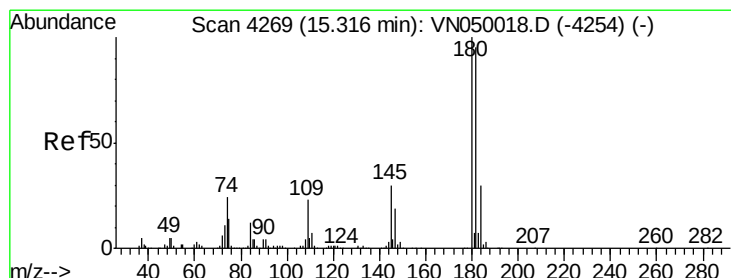
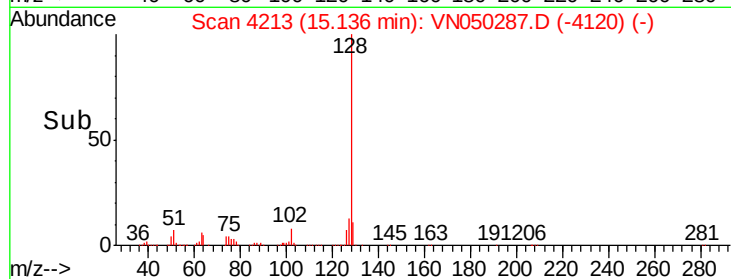
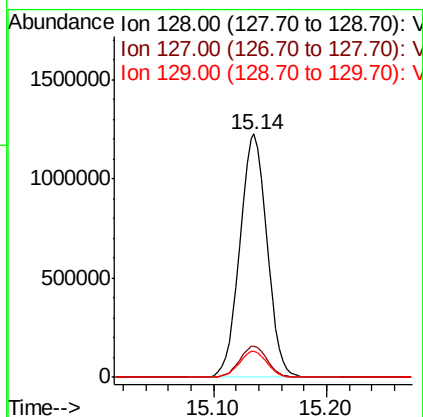
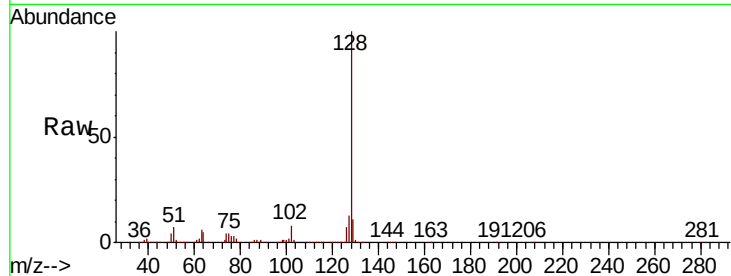




#95
Naphthalene
Concen: 116.82 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Instrument :
MSVOA_N
ClientSampleId :
KG-PIT-4

Tot Ion:128 Resp: 2051498
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.25 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050287.D
Acq: 3 Aug 2018 1:43

Tgt Ion:180 Resp: 349
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.4
145 0.0 15.3 45.9#

