

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050172.D
 Acq On : 28 Jul 2018 9:36
 Operator : MD\SY
 Sample : J4180-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GS-PIT-2

Quant Time: Jul 30 01:57:10 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	652656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1076182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	905674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	459494	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	7.59	113	407432	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
50) Toluene-d8	10.09	98	1467800	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
62) 4-Bromofluorobenzene	12.40	95	417553	39.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.52%	

Target Compounds

						Qvalue
5) Bromomethane	2.55	94	224	Below Cal	#	3
11) Tert butyl alcohol	4.77	59	233	0.35	ug/l #	72
14) Allyl chloride	4.55	41	30654	2.63	ug/l #	24
16) Acetone	3.82	43	195330	88.26	ug/l	100
18) Methyl Acetate	4.33	43	30497	2.09	ug/l #	72
20) Methylene Chloride	4.55	84	881126	110.66	ug/l	98
25) 2-Butanone	6.85	43	1865	0.54	ug/l	92
29) Tetrahydrofuran	7.22	42	1215	0.54	ug/l #	38
30) Chloroform	7.37	83	4246	0.28	ug/l #	82
31) Cyclohexane	7.67	56	12622	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46878	3.87	ug/l #	48
38) Carbon Tetrachloride	7.67	117	60193	4.68	ug/l #	16
41) Methacrylonitrile	7.21	41	263	2.80	ug/l #	15
43) Isopropyl Acetate	8.17	43	366582	22.38	ug/l #	88
48) Methyl methacrylate	9.18	41	9022	1.24	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	2846	0.34	ug/l #	78
52) Toluene	10.16	92	8447	0.39	ug/l	99
56) Ethyl methacrylate	10.23	69	2071	2.20	ug/l #	49
59) 2-Hexanone	10.77	43	19655	8.33	ug/l #	55
67) Ethyl Benzene	11.51	91	16463	0.45	ug/l	96
68) m/p-Xylenes	11.62	106	14949	1.08	ug/l	92
69) o-Xylene	11.95	106	6750	0.51	ug/l	95
70) Styrene	11.96	104	6300	1.19	ug/l	91
71) Bromoform	12.40	173	3900	0.61	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	30	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	203396	30.99	ug/l #	100
78) n-propylbenzene	12.59	91	6215	0.20	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	14187	0.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	203396	98.31	ug/l #	13
83) tert-Butylbenzene	13.04	119	6831	0.36	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	45271	2.09	ug/l	99
90) Hexachloroethane	13.89	117	2838	0.60	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.21	75	65	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	3927	3.63	ug/l #	80

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Quant Time: Jul 30 01:57:10 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

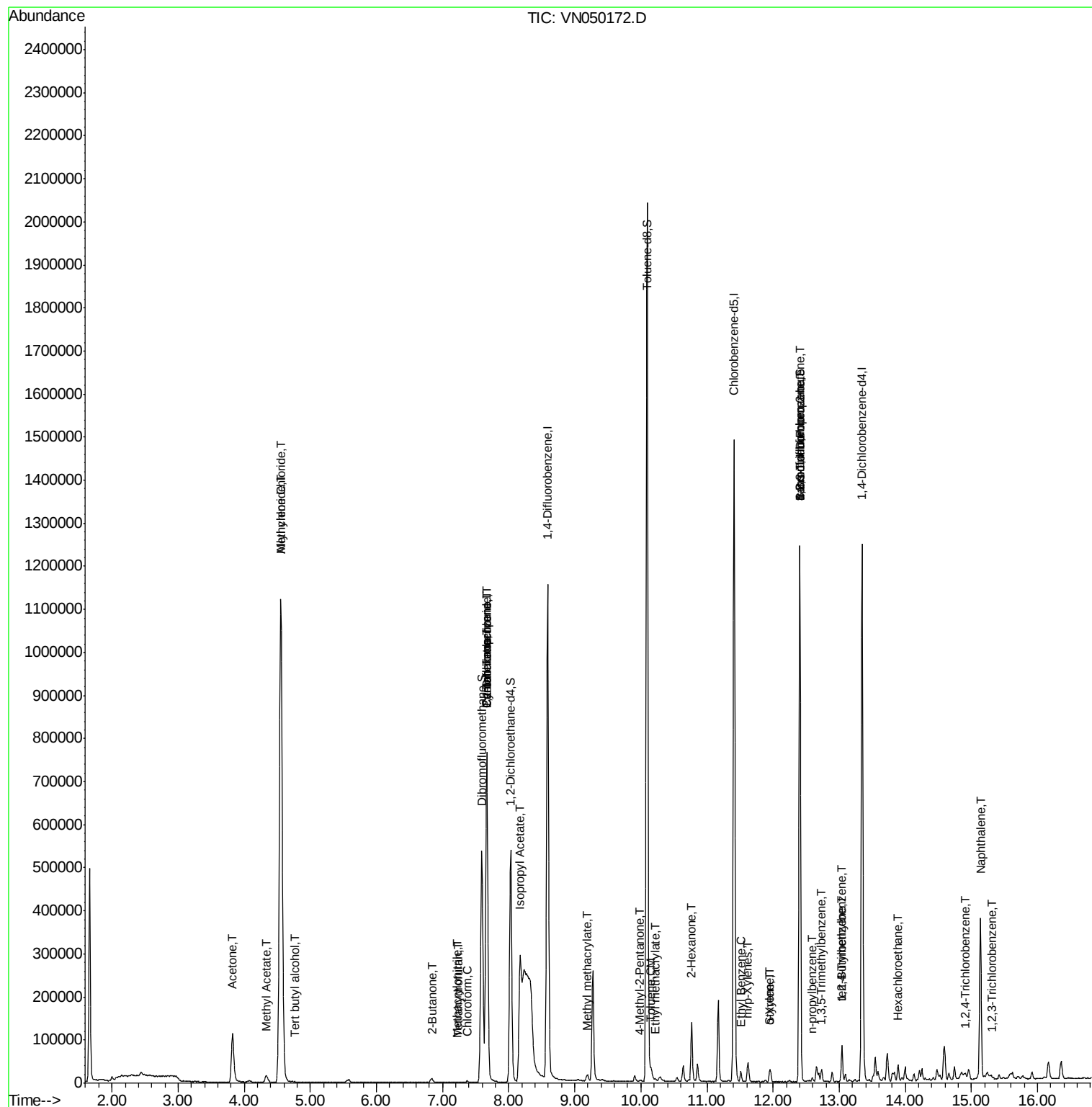
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	321190	22.57	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	578	2.29	ug/l #	38

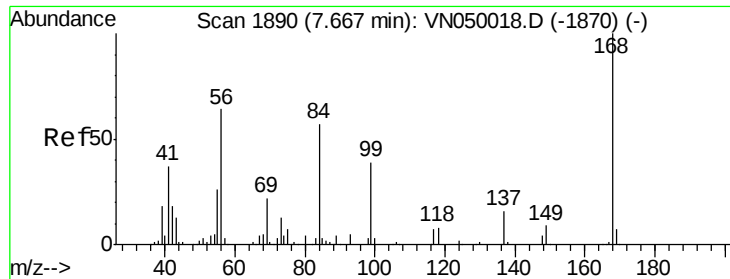
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050172.D

Acq: 28 Jul 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

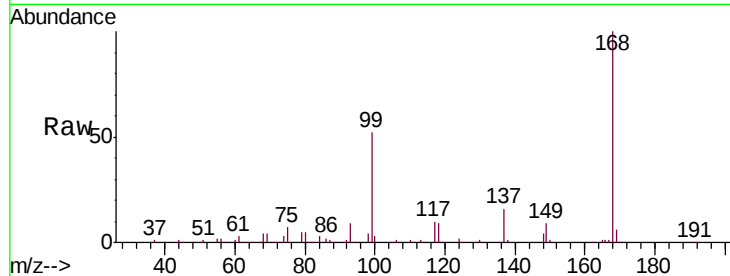
GS-PIT-2

Tot Ion:168 Resp: 652656

Ion Ratio Lower Upper

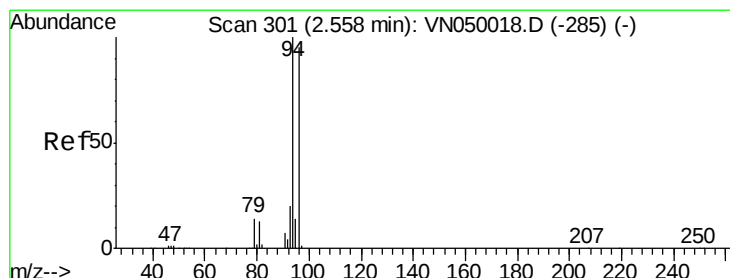
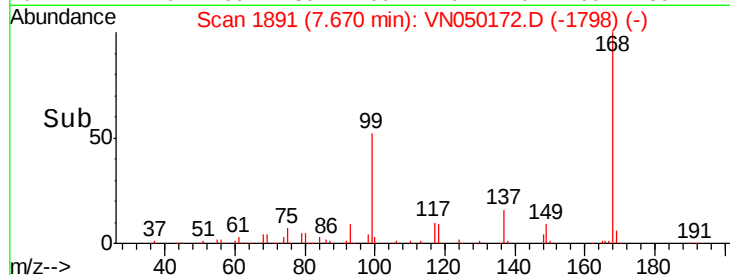
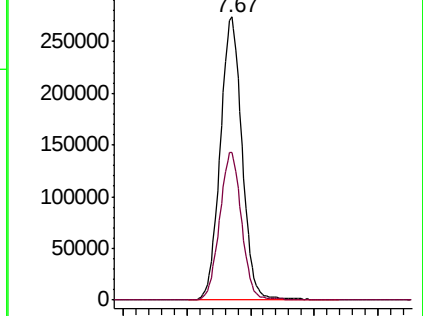
168 100

99 52.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 300

Delta R.T. 0.00 min

Lab File: VN050172.D

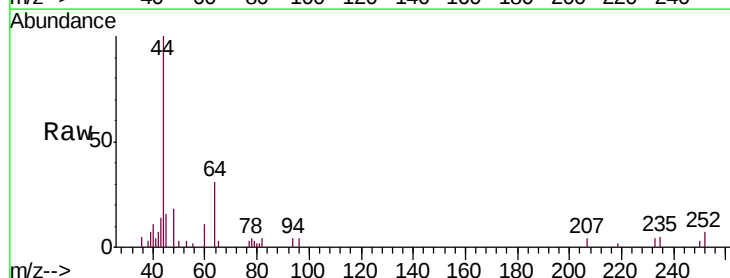
Acq: 28 Jul 2018 9:36

Tgt Ion: 94 Resp: 224

Ion Ratio Lower Upper

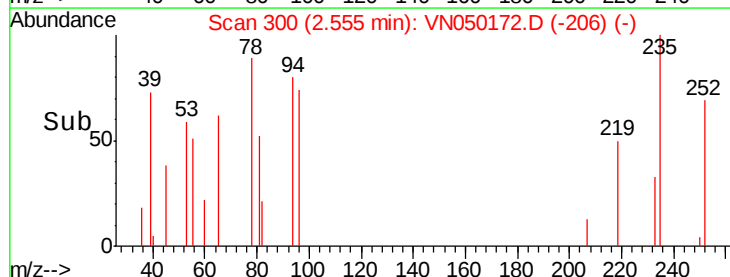
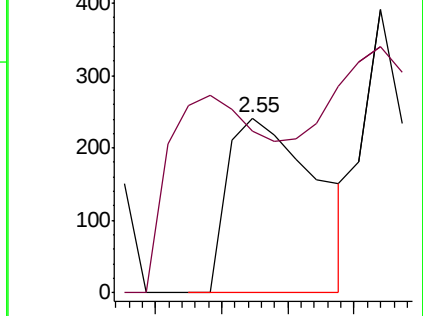
94 100

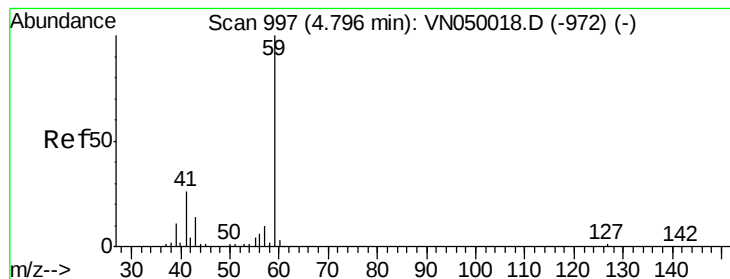
96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



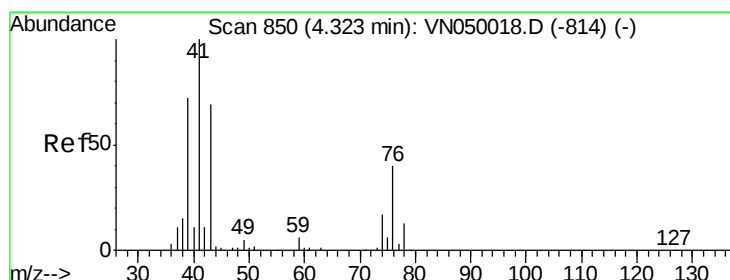
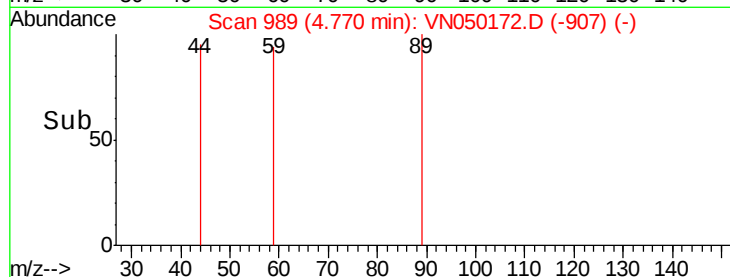
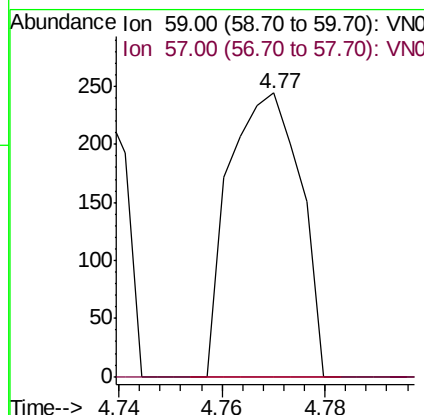
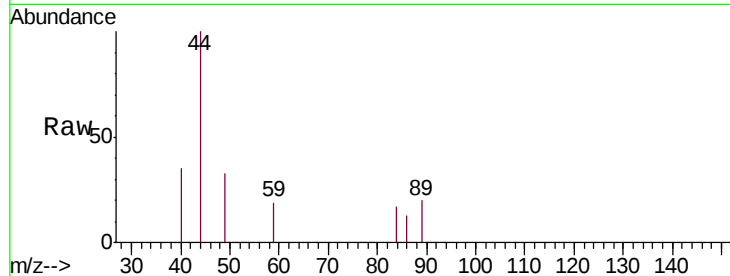


#11

Tert butyl alcohol
 Concen: 0.35 ug/l
 RT: 4.77 min Scan# 989
 Delta R.T. -0.04 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

Instrument :
 MSVOA_N
 ClientSampled :
 GS-PIT-2

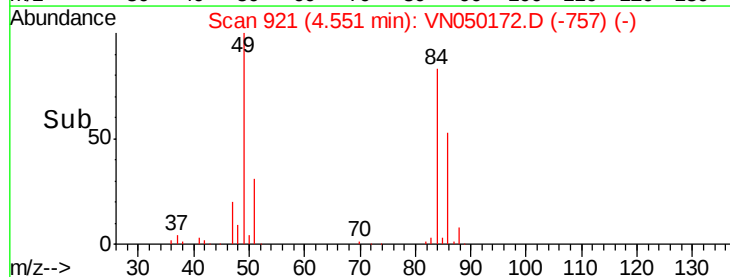
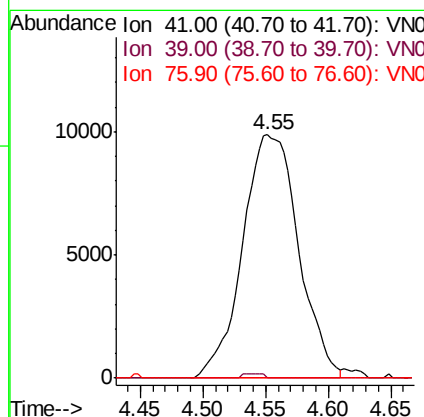
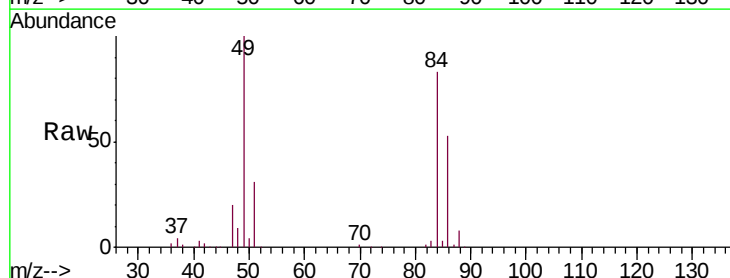
Tot Ion: 59 Resp: 233
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

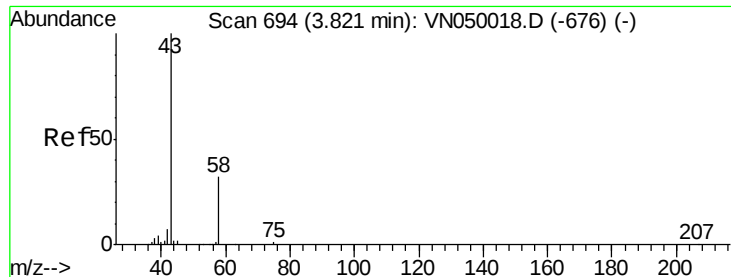


#14

Allyl chloride
 Concen: 2.63 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.23 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

Tgt Ion: 41 Resp: 30654
 Ion Ratio Lower Upper
 41 100
 39 0.6 54.2 81.4#
 76 0.0 29.0 43.6#





#16

Acetone

Concen: 88.26 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050172.D

Acq: 28 Jul 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

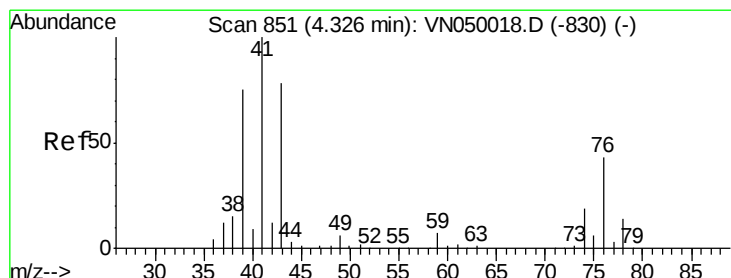
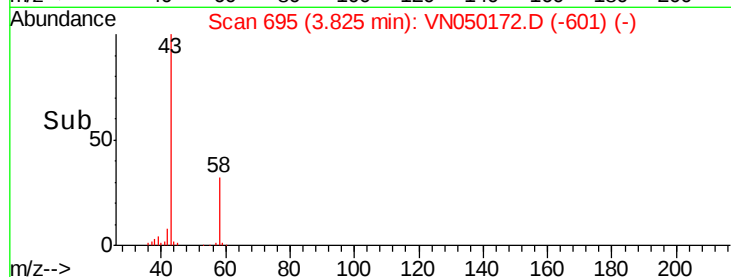
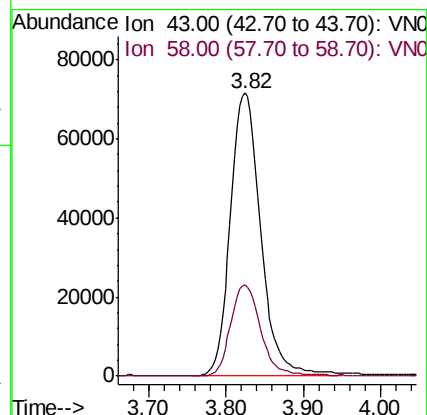
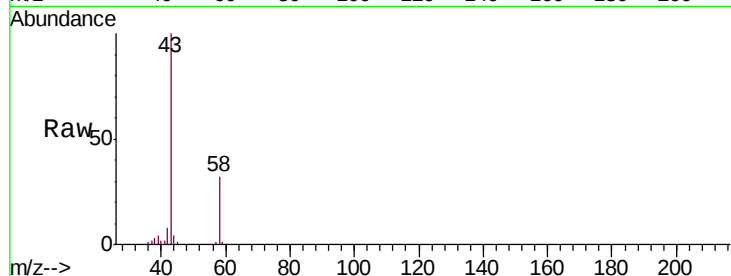
GS-PIT-2

Tot Ion: 43 Resp: 195330

Ion Ratio Lower Upper

43 100

58 32.1 25.8 38.8



#18

Methyl Acetate

Concen: 2.09 ug/l

RT: 4.33 min Scan# 852

Delta R.T. -0.00 min

Lab File: VN050172.D

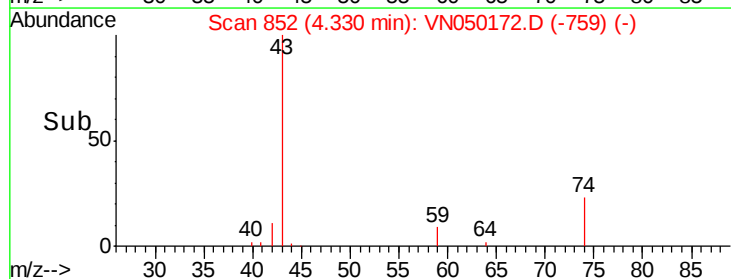
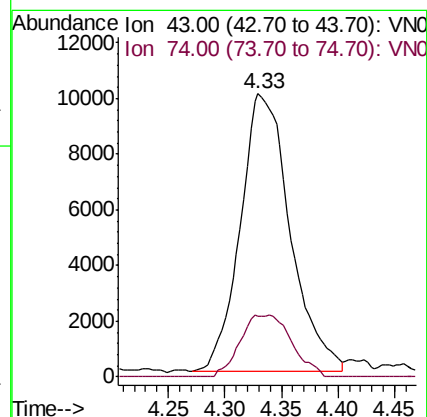
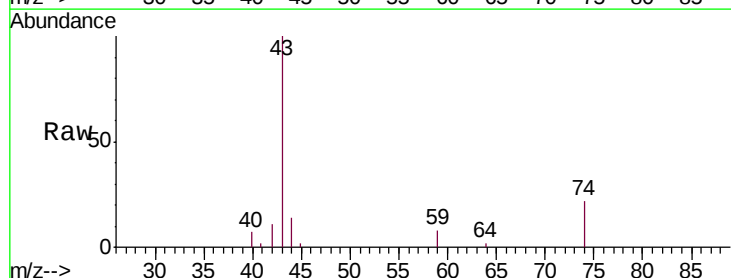
Acq: 28 Jul 2018 9:36

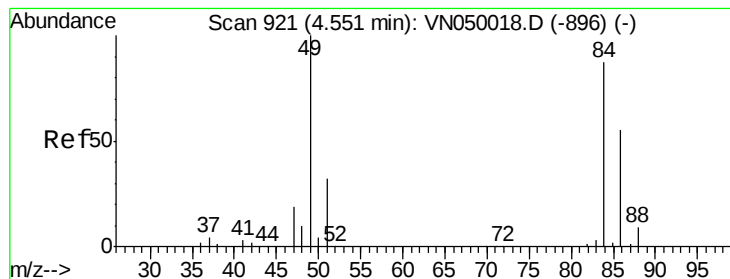
Tgt Ion: 43 Resp: 30497

Ion Ratio Lower Upper

43 100

74 10.4 19.2 28.8#





#20

Methylene Chloride

Concen: 110.66 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050172.D

Acq: 28 Jul 2018 9:36

Instrument :

MSVOA_N

ClientSampled :

GS-PIT-2

Tot Ion: 84 Resp: 881126

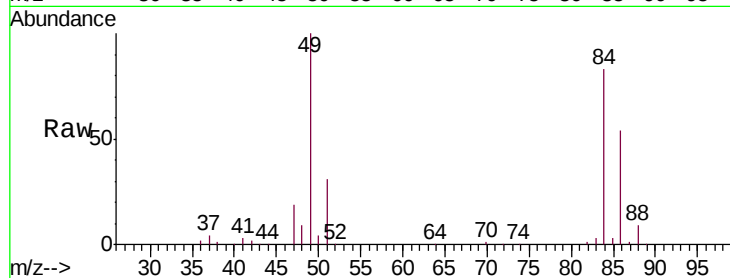
Ion Ratio Lower Upper

84 100

49 120.5 94.8 142.2

51 37.4 28.3 42.5

86 64.7 51.0 76.6

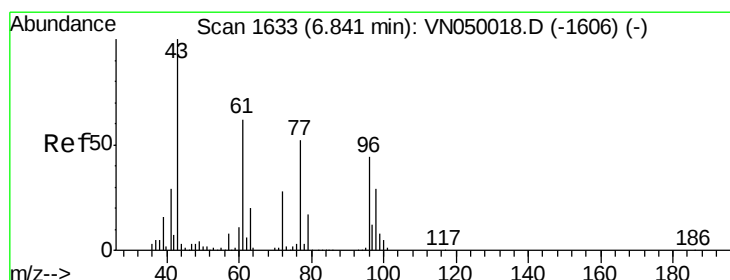
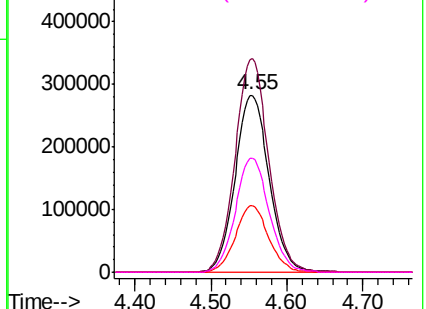
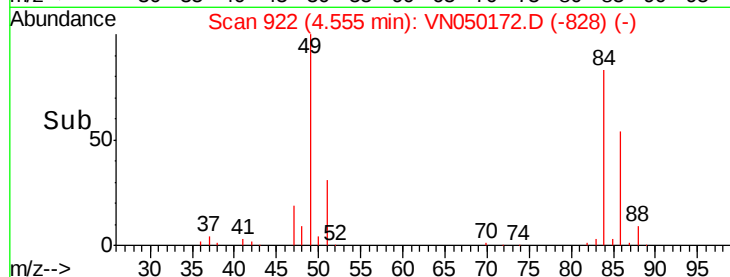


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.54 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN050172.D

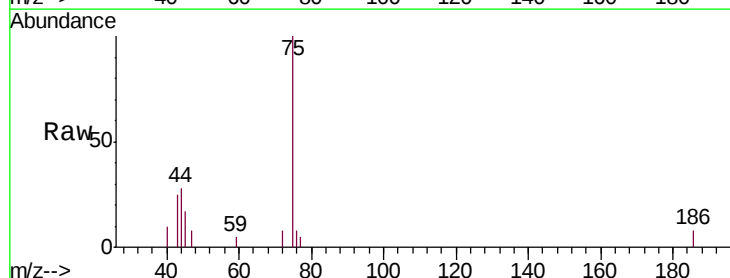
Acq: 28 Jul 2018 9:36

Tgt Ion: 43 Resp: 1865

Ion Ratio Lower Upper

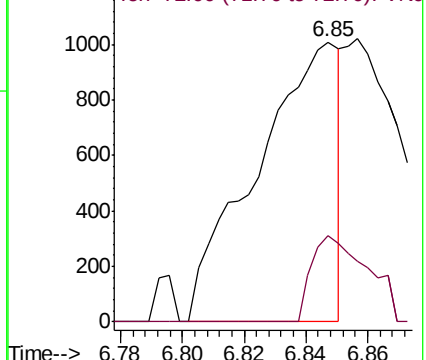
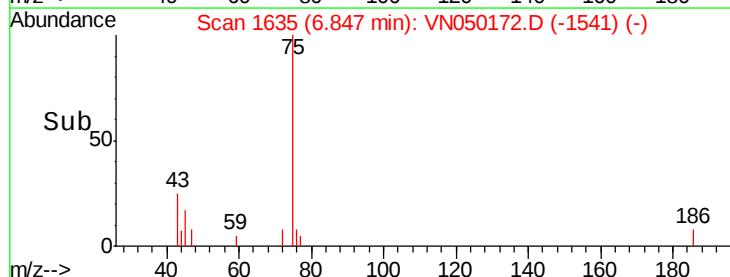
43 100

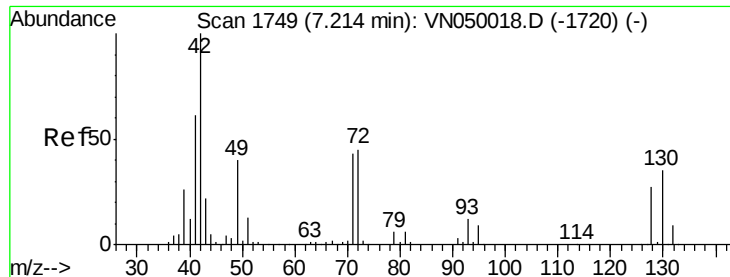
72 30.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

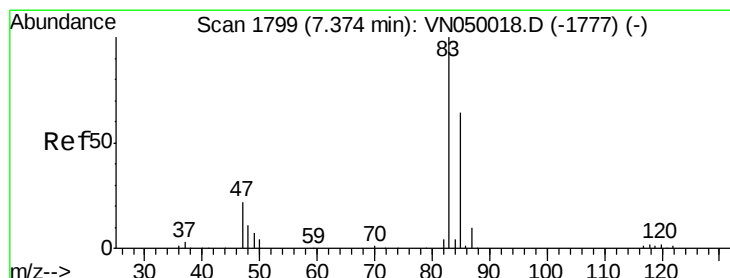
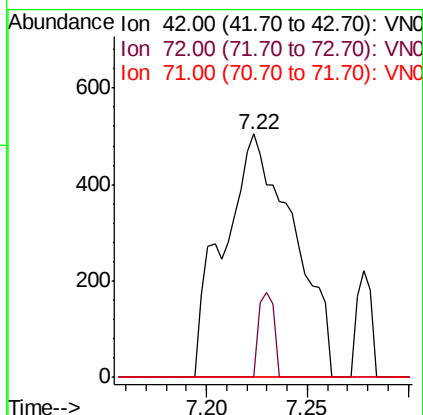
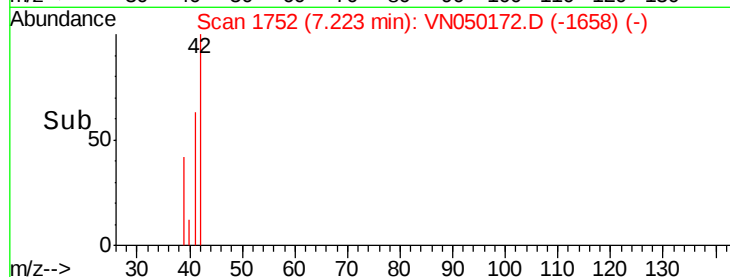
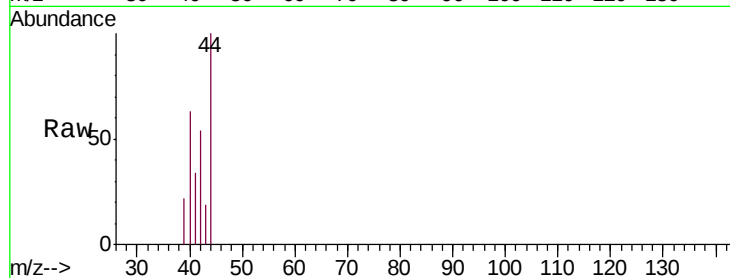




#29
Tetrahydrofuran
Concen: 0.54 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

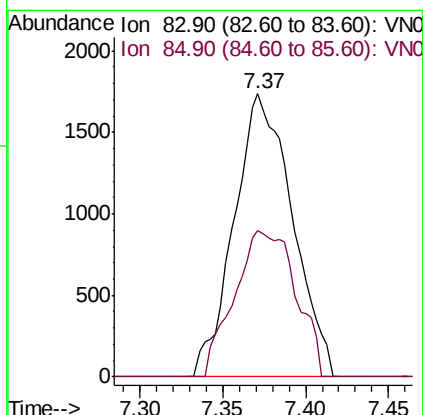
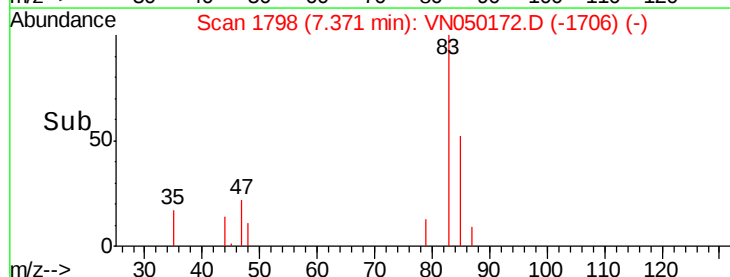
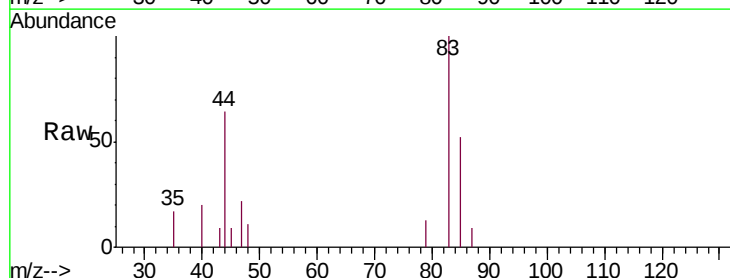
Instrument :
MSVOA_N
ClientSampled :
GS-PIT-2

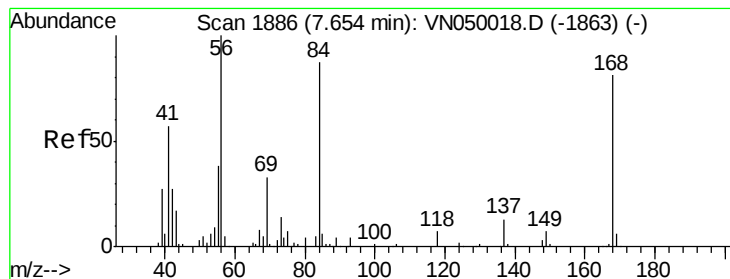
Tot Ion: 42 Resp: 1215
Ion Ratio Lower Upper
42 100
72 7.7 35.9 53.9#
71 0.0 33.7 50.5#



#30
Chloroform
Concen: 0.28 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion: 83 Resp: 4246
Ion Ratio Lower Upper
83 100
85 51.6 52.5 78.7#





#31

Cyclohexane

Concen: 0.94 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050172.D

Acq: 28 Jul 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

GS-PIT-2

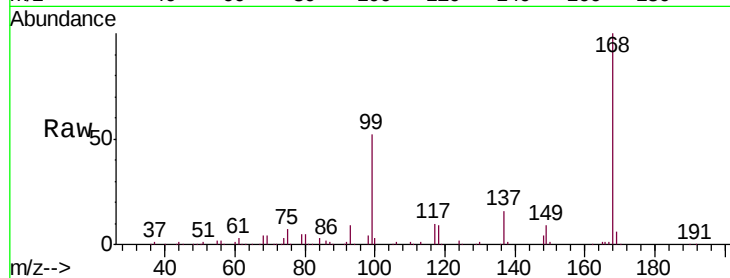
Tot Ion: 56 Resp: 12622

Ion Ratio Lower Upper

56 100

69 177.1 26.2 39.4#

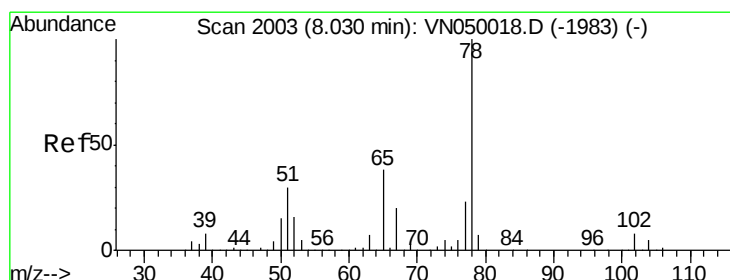
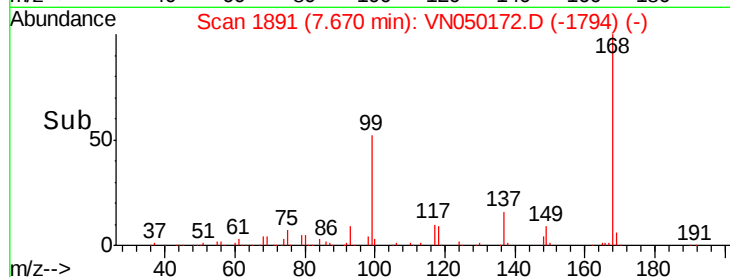
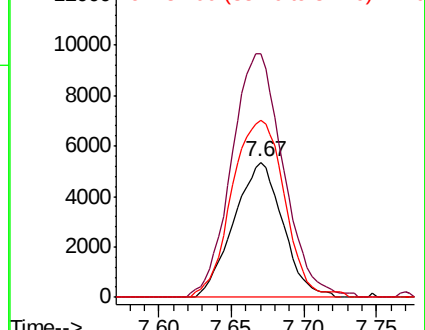
84 131.6 67.4 101.0#



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: 50.46 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050172.D

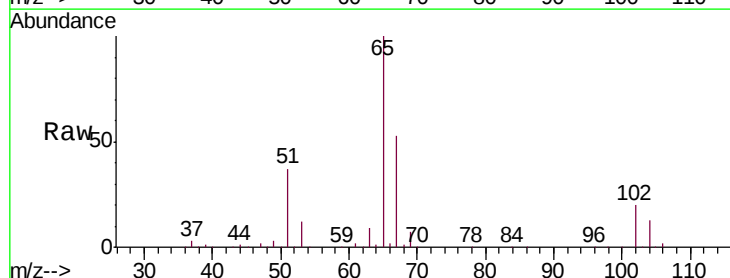
Acq: 28 Jul 2018 9:36

Tgt Ion: 65 Resp: 459494

Ion Ratio Lower Upper

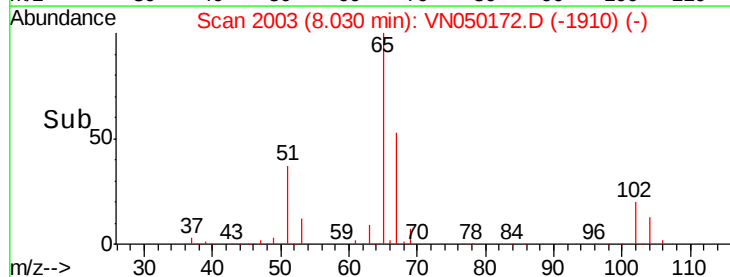
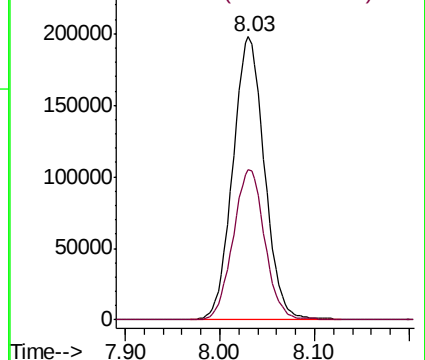
65 100

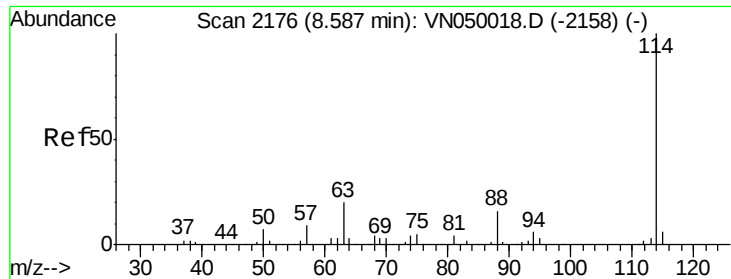
67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

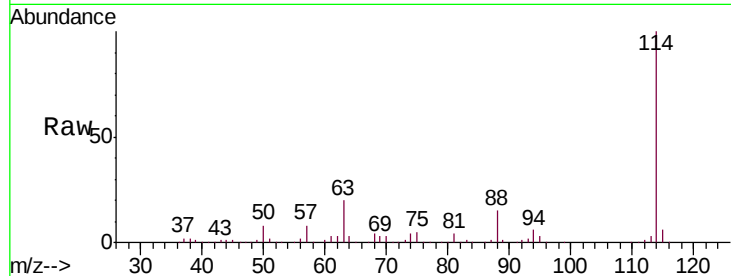




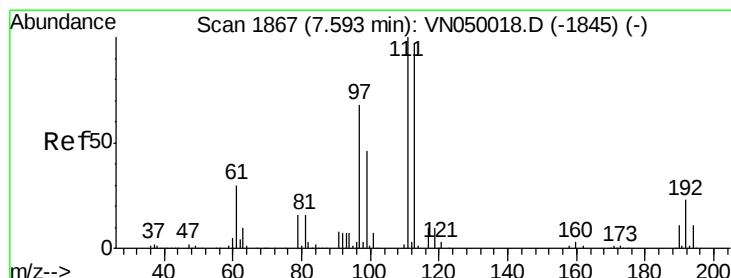
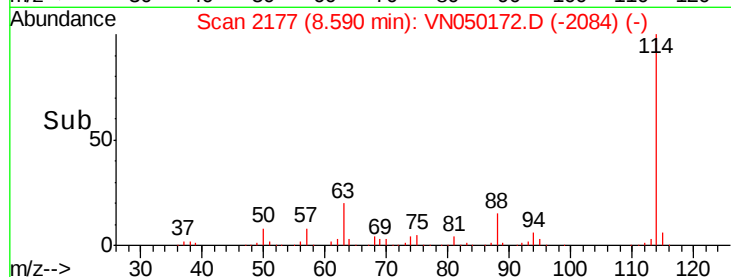
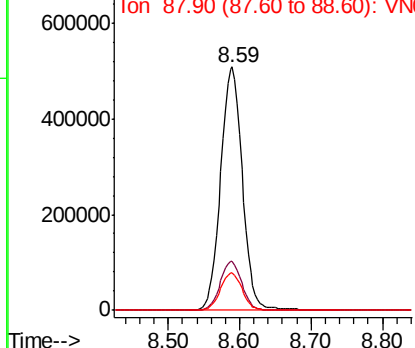
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 GS-PIT-2

Tot Ion:114 Resp: 1076182
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.3 0.0 31.2

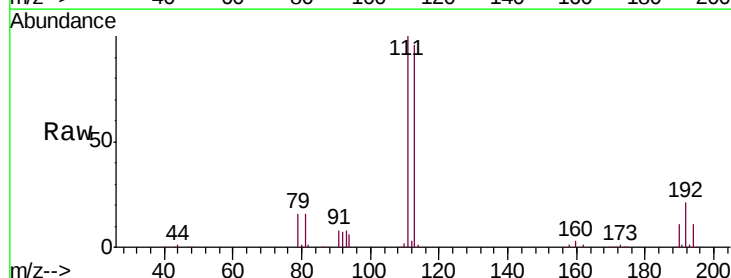


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

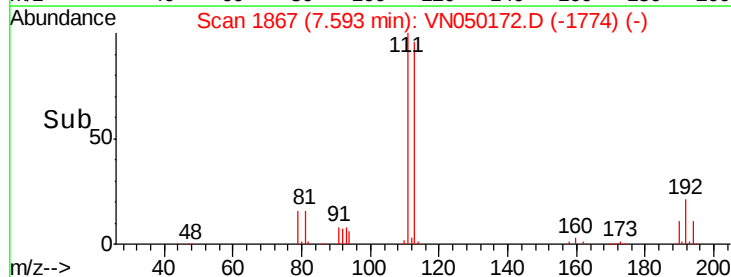
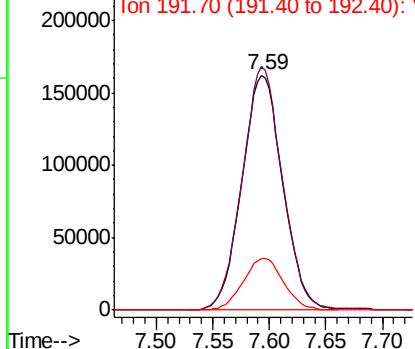


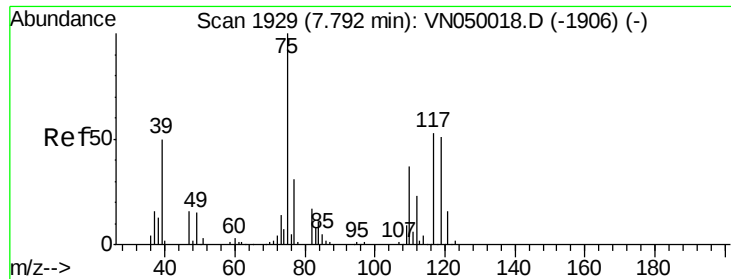
#35
 Dibromofluoromethane
 Concen: 46.37 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

Tgt Ion:113 Resp: 407432
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 21.8 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

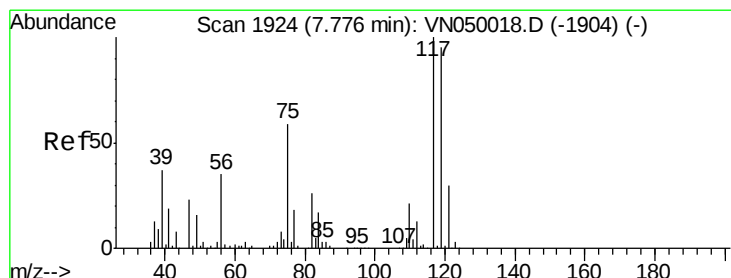
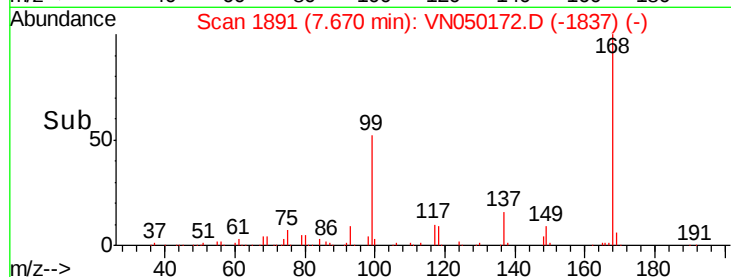
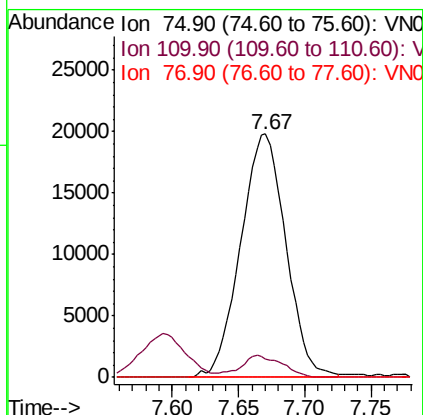
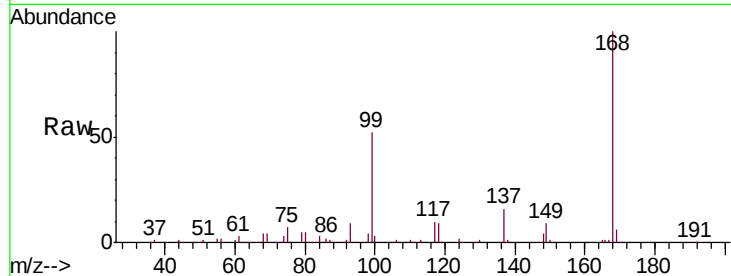




#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

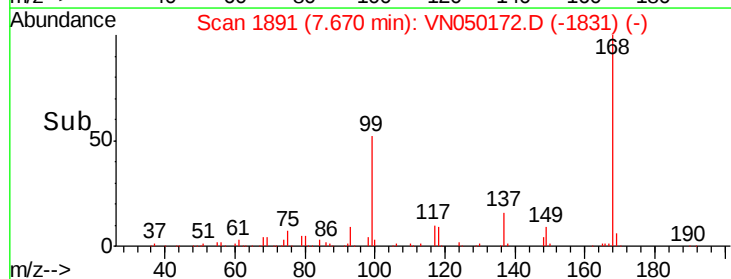
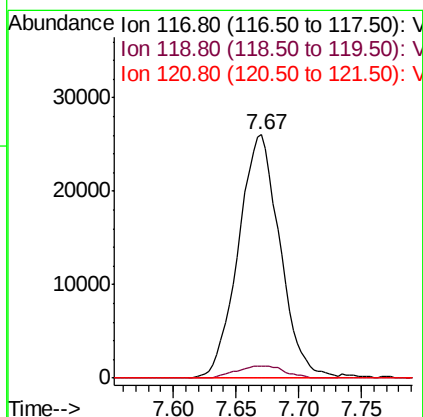
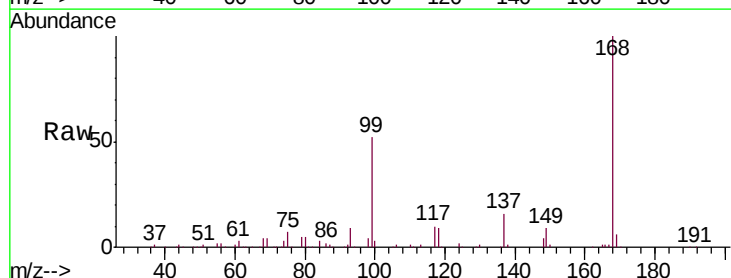
Instrument :
 MSVOA_N
 ClientSampled :
 GS-PIT-2

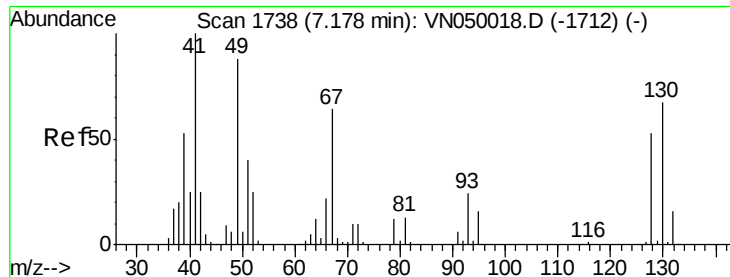
Tot Ion: 75 Resp: 46878
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.68 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

Tgt Ion: 117 Resp: 60193
 Ion Ratio Lower Upper
 117 100
 119 5.0 77.4 116.0#
 121 0.0 23.9 35.9#

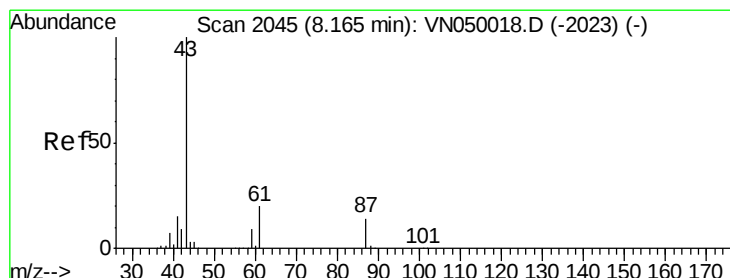
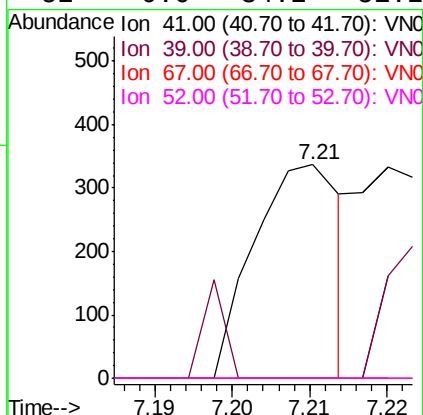
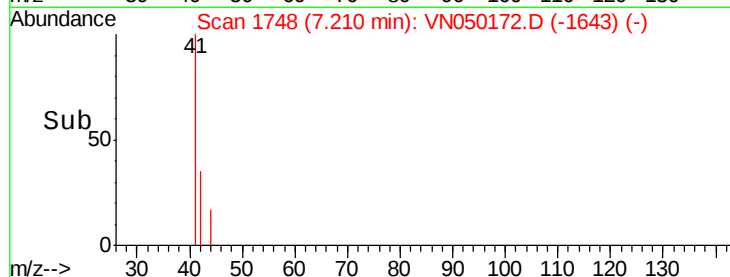
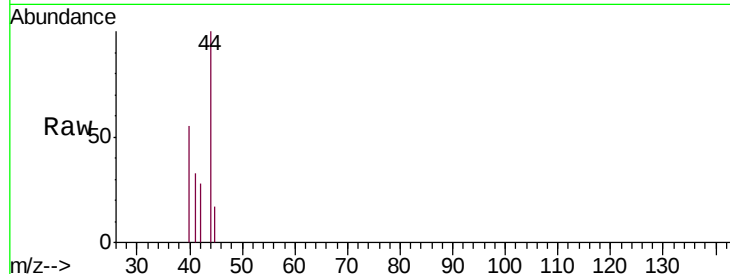




#41
Methacrylonitrile
Concen: 2.80 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

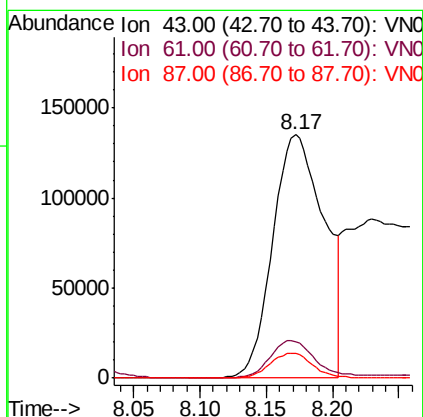
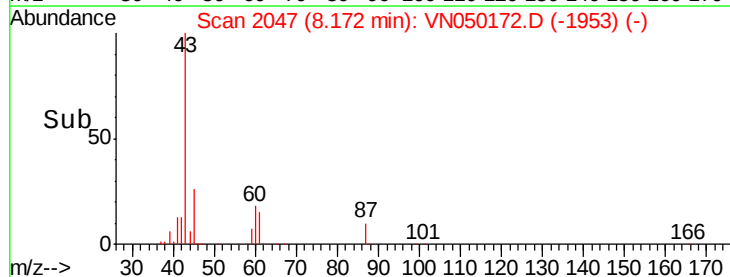
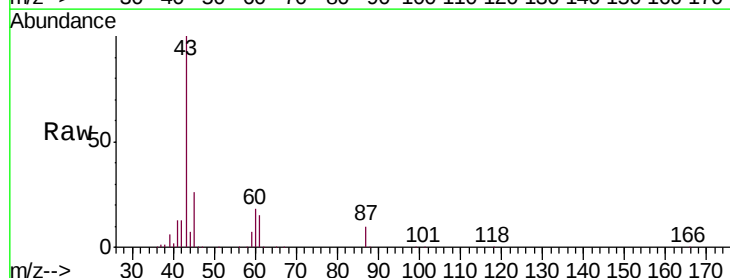
Instrument :
MSVOA_N
ClientSampled :
GS-PIT-2

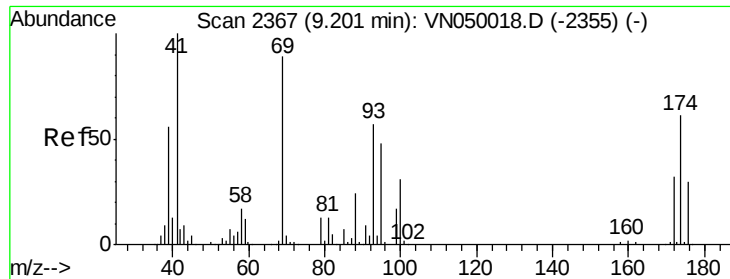
Tot Ion: 41 Resp: 263
Ion Ratio Lower Upper
41 100
39 11.4 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 22.38 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion: 43 Resp: 366582
Ion Ratio Lower Upper
43 100
61 14.0 15.8 23.6#
87 8.6 10.3 15.5#

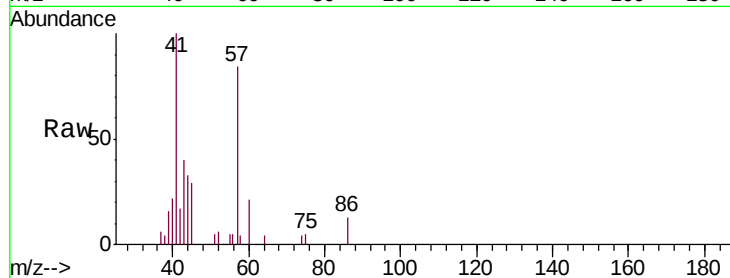




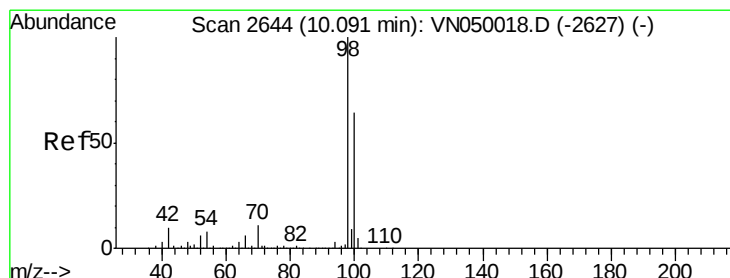
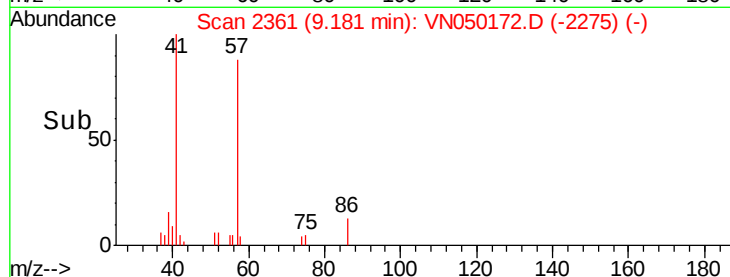
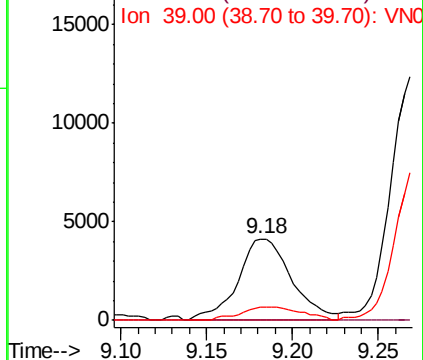
#48
Methvl methacrylate
Concen: 1.24 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Instrument :
MSVOA_N
ClientSampleId :
GS-PIT-2

Tot Ion: 41 Resp: 9022
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 18.5 43.9 65.9#

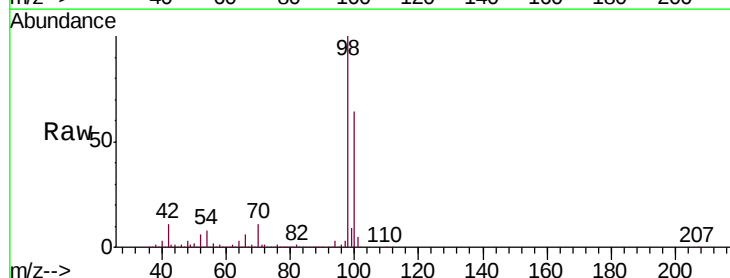


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

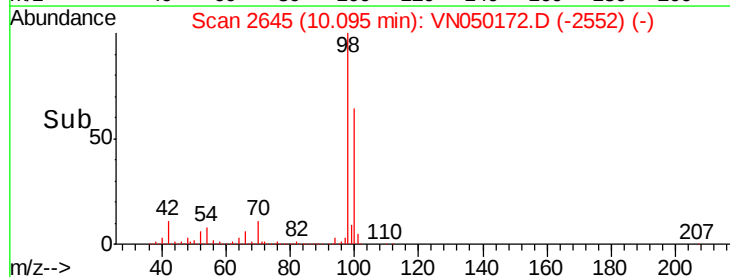
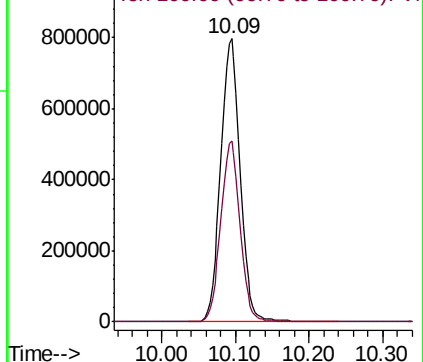


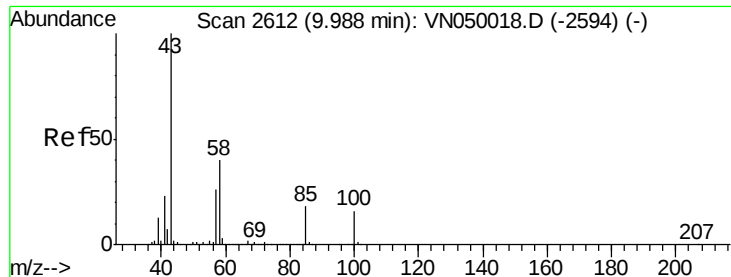
#50
Toluene-d8
Concen: 45.44 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion: 98 Resp: 1467800
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

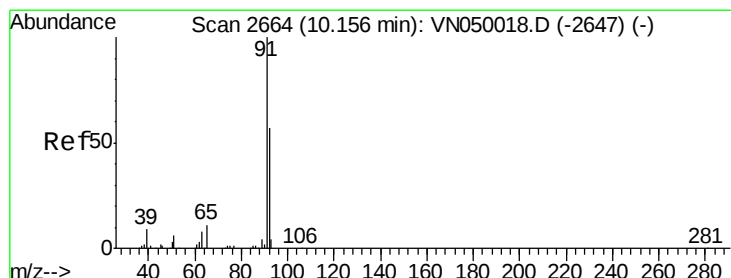
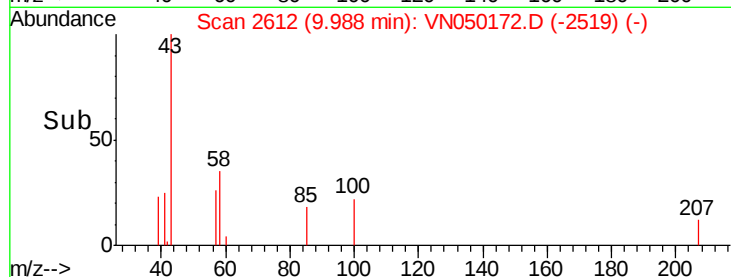
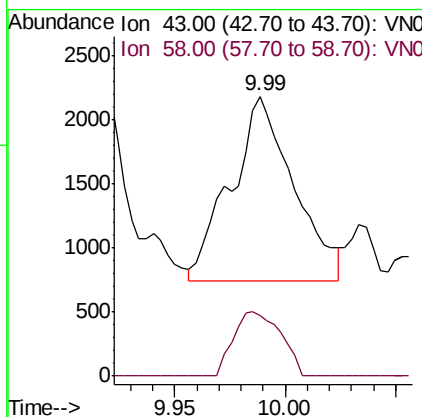
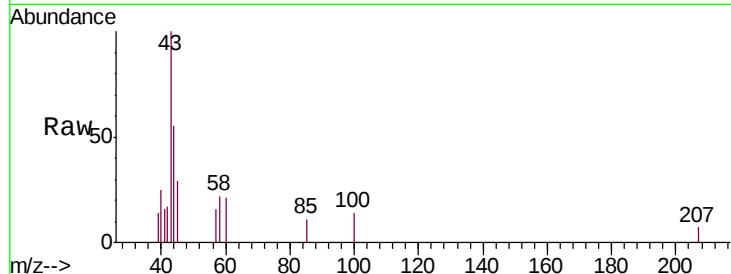




#51
 4-Methyl-2-Pentanone
 Concen: 0.34 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

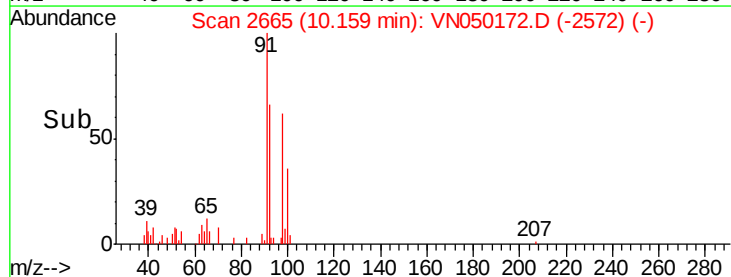
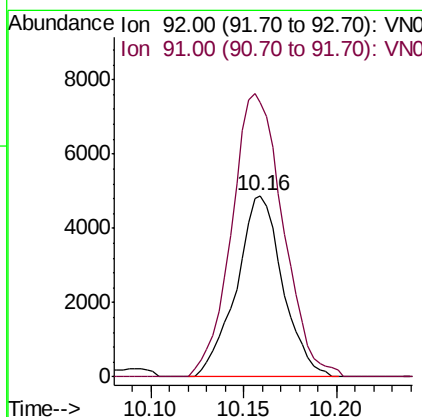
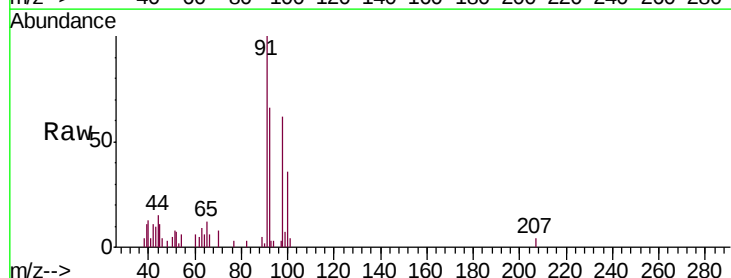
Instrument :
 MSVOA_N
 ClientSampled :
 GS-PIT-2

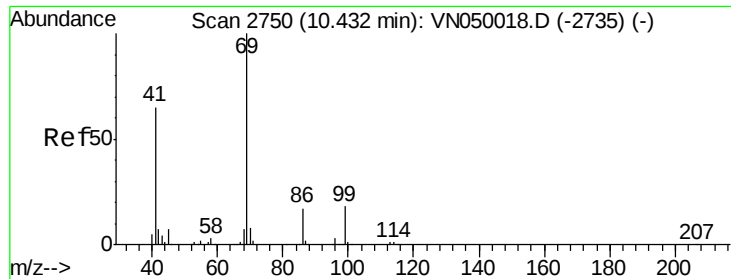
Tot Ion: 43 Resp: 2846
 Ion Ratio Lower Upper
 43 100
 58 26.4 31.9 47.9#



#52
 Toluene
 Concen: 0.39 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

Tgt Ion: 92 Resp: 8447
 Ion Ratio Lower Upper
 92 100
 91 173.8 140.3 210.5





#56

Ethyl methacrylate

Concen: 2.20 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.21 min

Lab File: VN050172.D

Acq: 28 Jul 2018 9:36

Instrument :

MSVOA_N

ClientSampled :

GS-PIT-2

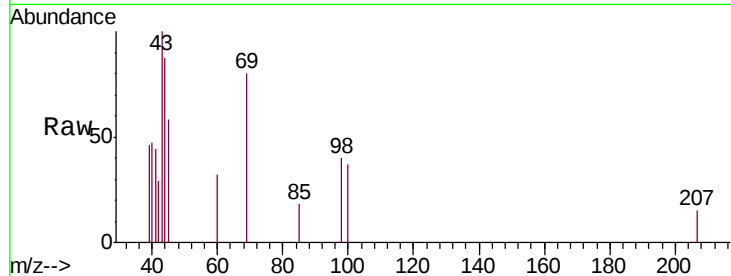
Tot Ion: 69 Resp: 2071

Ion Ratio Lower Upper

69 100

41 20.1 51.0 76.4#

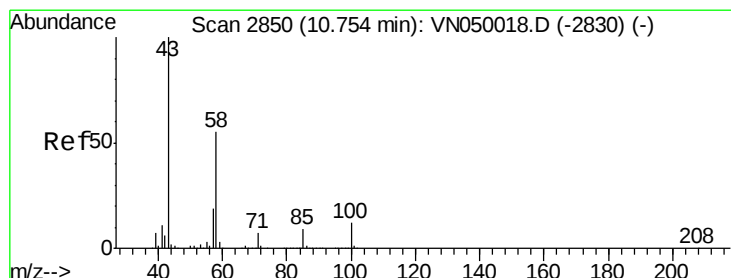
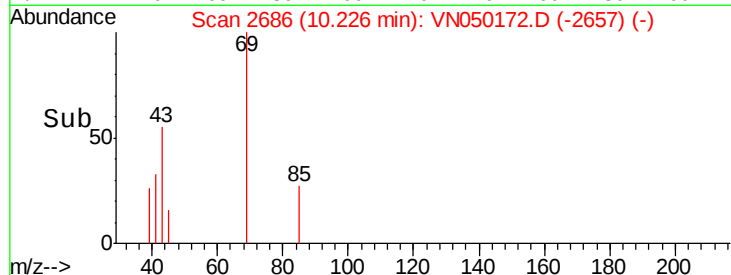
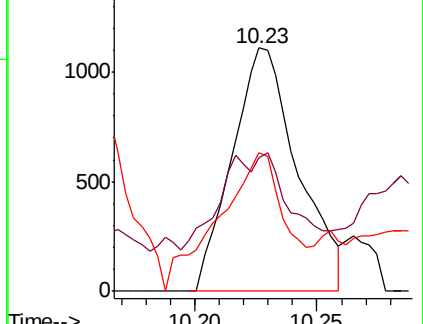
39 57.7 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 8.33 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050172.D

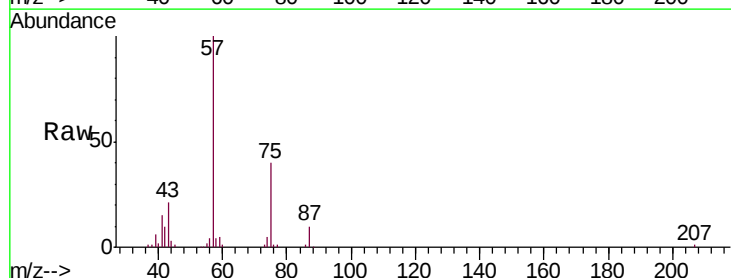
Acq: 28 Jul 2018 9:36

Tgt Ion: 43 Resp: 19655

Ion Ratio Lower Upper

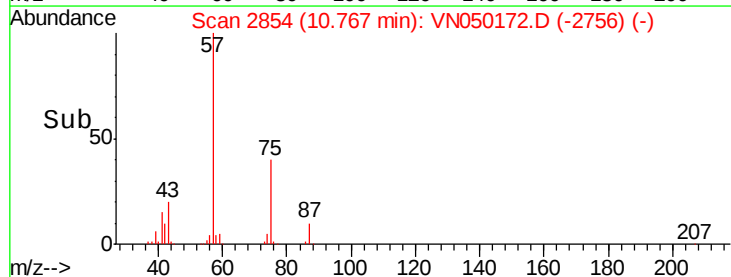
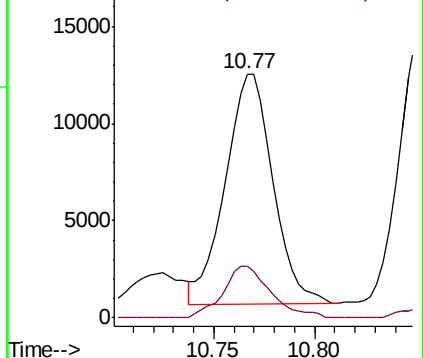
43 100

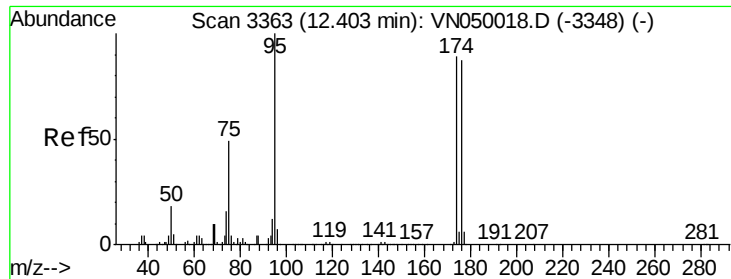
58 22.4 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

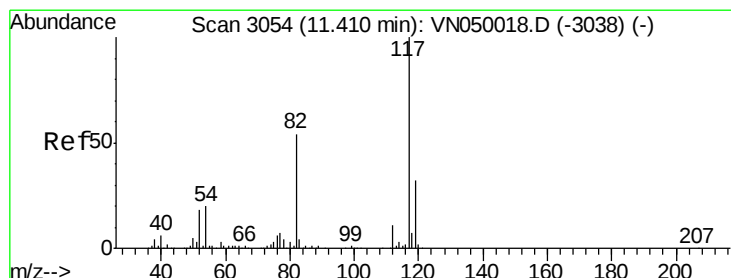
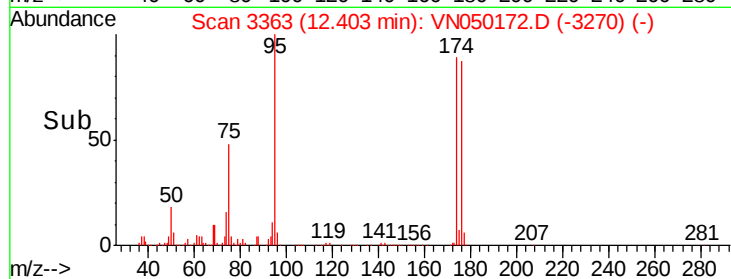
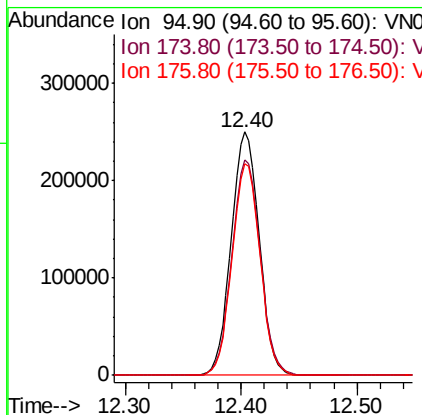
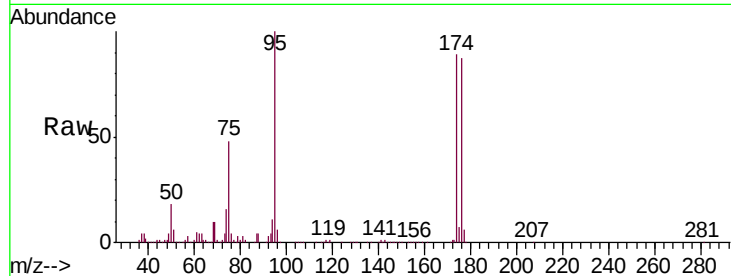




#62
4-Bromofluorobenzene
Concen: 39.26 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

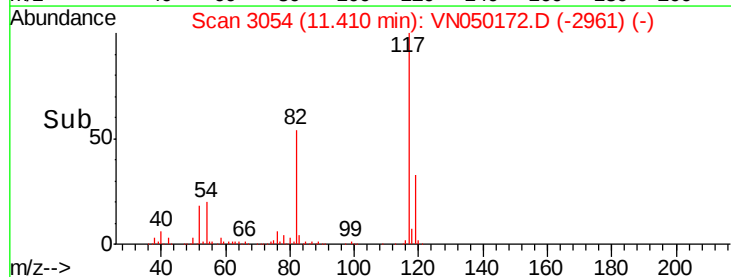
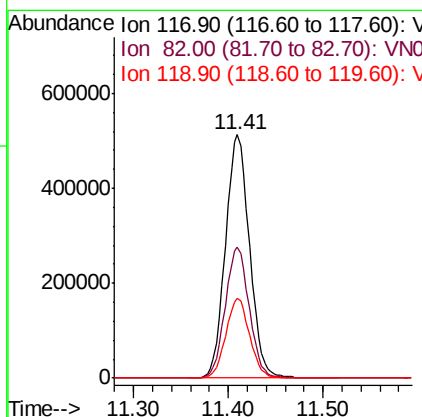
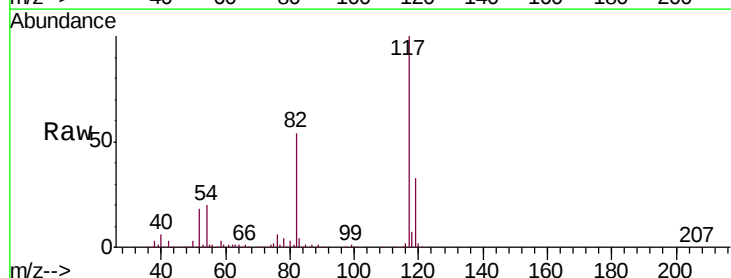
Instrument :
MSVOA_N
ClientSampleId :
GS-PIT-2

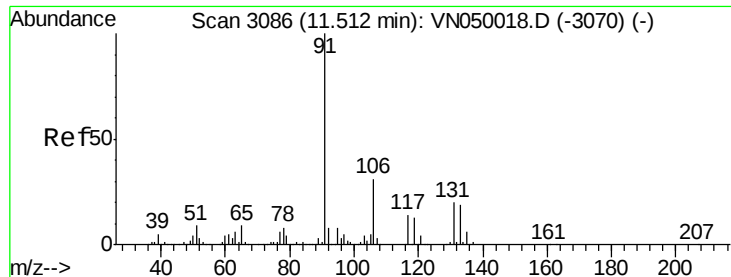
Tot Ion: 95 Resp: 417553
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.2
176 86.8 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion: 117 Resp: 905674
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.8 26.1 39.1





#67

Ethyl Benzene

Concen: 0.45 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050172.D

Acq: 28 Jul 2018 9:36

Instrument :

MSVOA_N

ClientSampled :

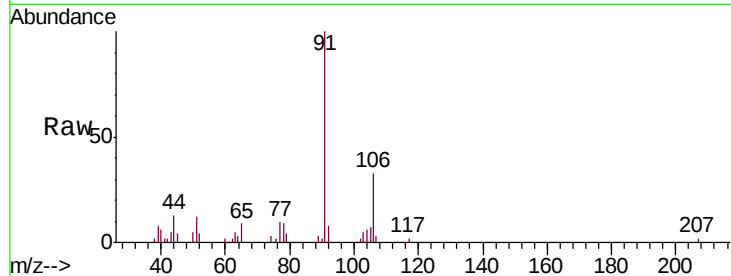
GS-PIT-2

Tot Ion: 91 Resp: 16463

Ion Ratio Lower Upper

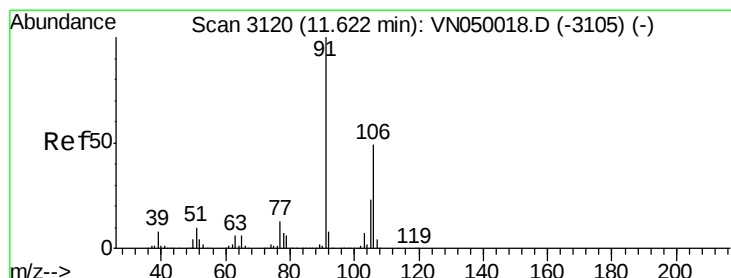
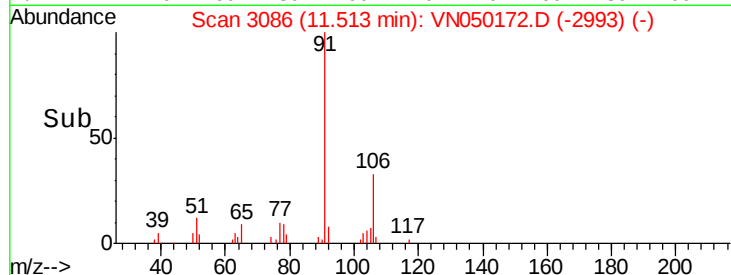
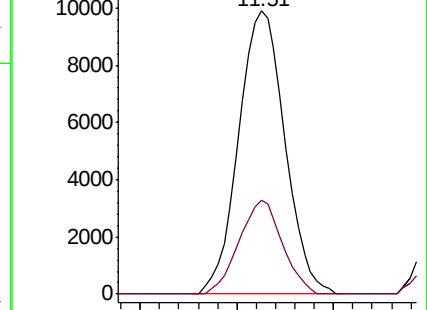
91 100

106 33.1 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3070) (-)

Ion 106.00 (105.70 to 106.70): VN050018.D (-3070) (-)



#68

m/p-Xylenes

Concen: 1.08 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.01 min

Lab File: VN050172.D

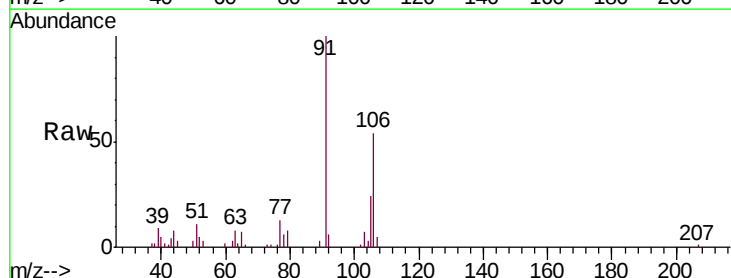
Acq: 28 Jul 2018 9:36

Tgt Ion: 106 Resp: 14949

Ion Ratio Lower Upper

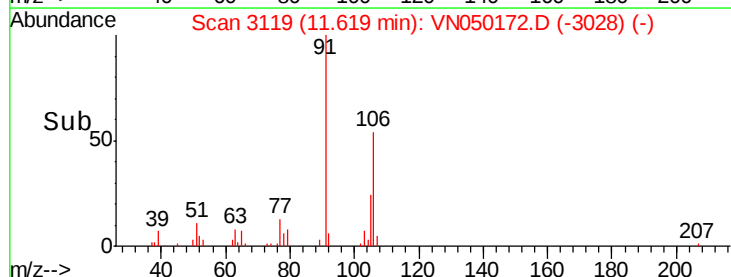
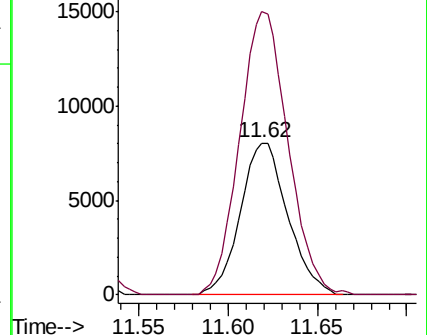
106 100

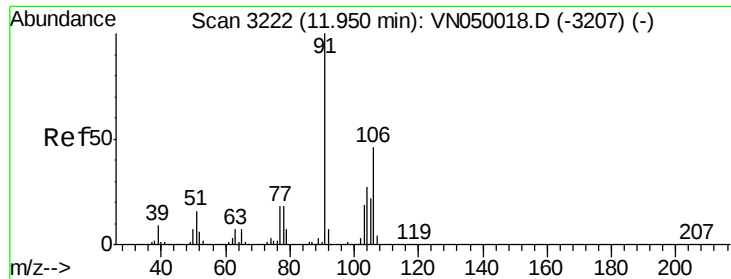
91 189.8 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): VN050018.D (-3105) (-)

Ion 91.00 (90.70 to 91.70): VN050018.D (-3105) (-)

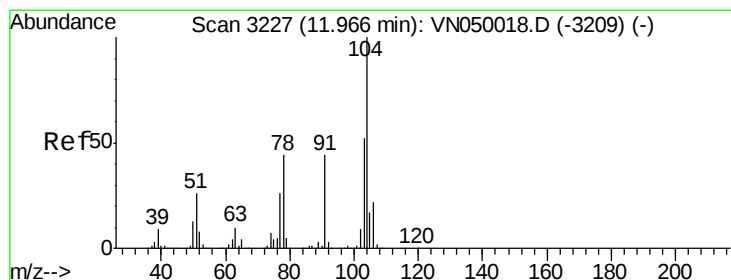
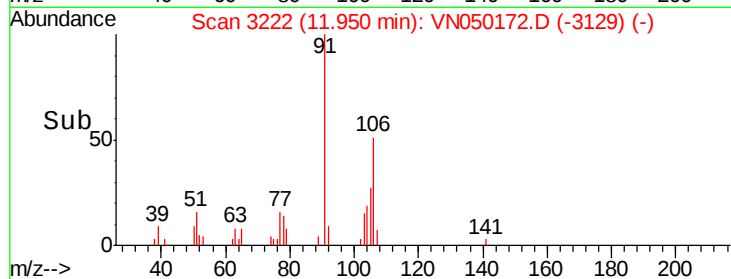
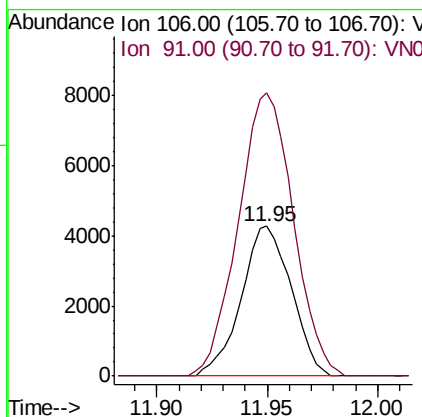
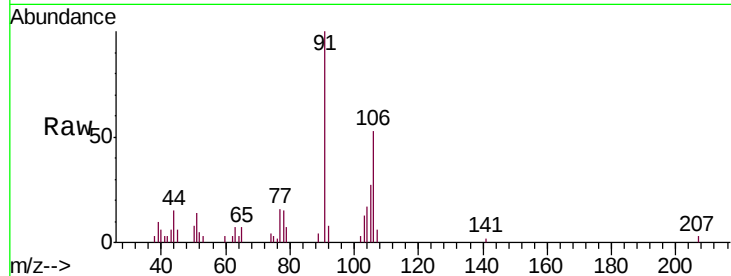




#69
o-Xylene
Concen: 0.51 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

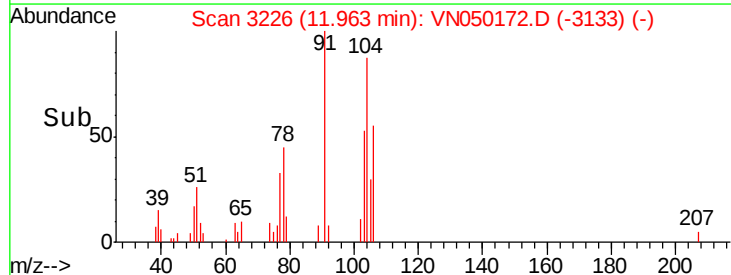
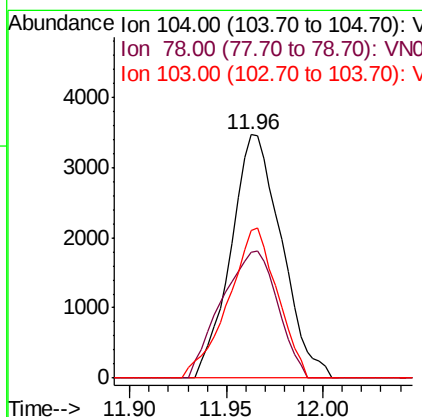
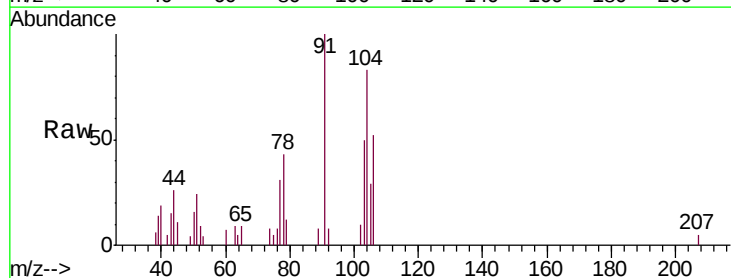
Instrument :
MSVOA_N
ClientSampled :
GS-PIT-2

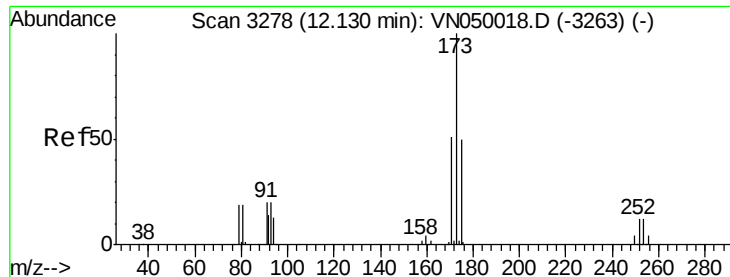
Tot Ion:106 Resp: 6750
Ion Ratio Lower Upper
106 100
91 207.3 107.7 323.1



#70
Styrene
Concen: 1.19 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion:104 Resp: 6300
Ion Ratio Lower Upper
104 100
78 58.0 39.3 58.9
103 59.7 45.0 67.6





#71

Bromoform

Concen: 0.61 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050172.D

Acq: 28 Jul 2018 9:36

Instrument :

MSVOA_N

ClientSampled :

GS-PIT-2

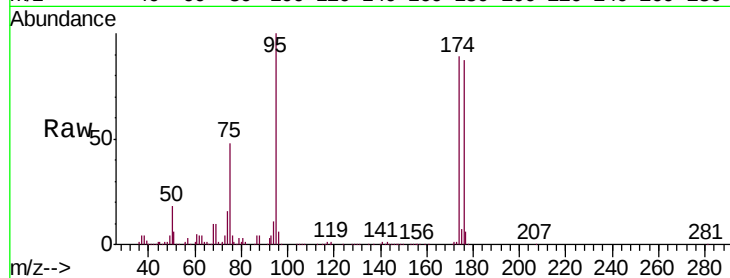
Tot Ion:173 Resp: 3900

Ion Ratio Lower Upper

173 100

175 633.3 24.1 72.2#

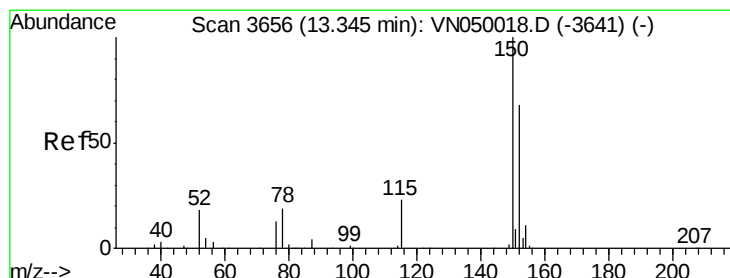
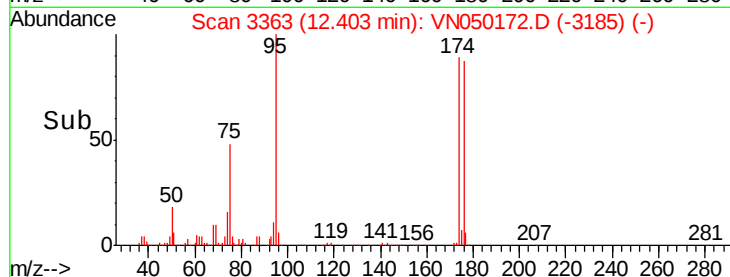
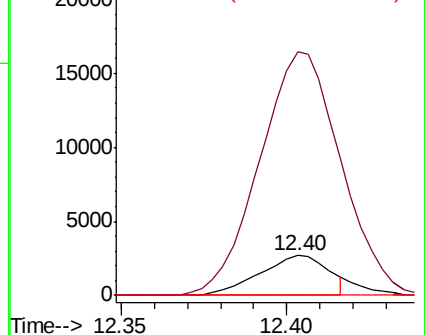
254 0.0 0.2 0.2#



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: VN050172.D

Acq: 28 Jul 2018 9:36

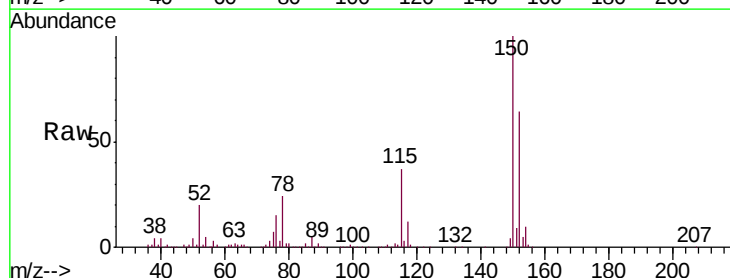
Tgt Ion:152 Resp: 353111

Ion Ratio Lower Upper

152 100

115 57.3 27.8 83.3

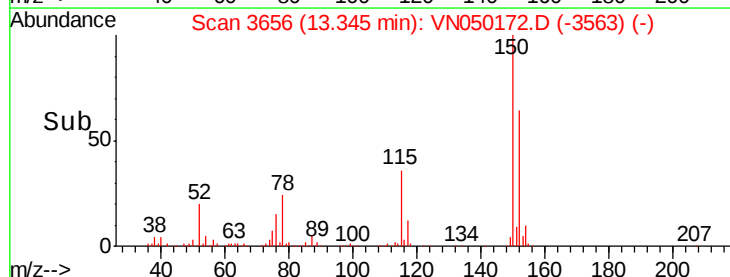
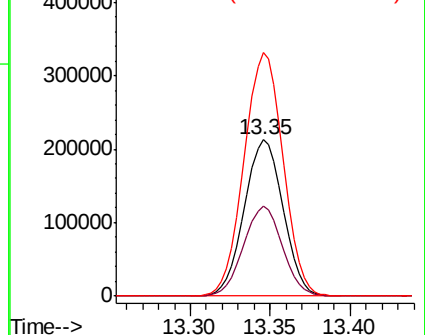
150 156.3 0.0 348.6

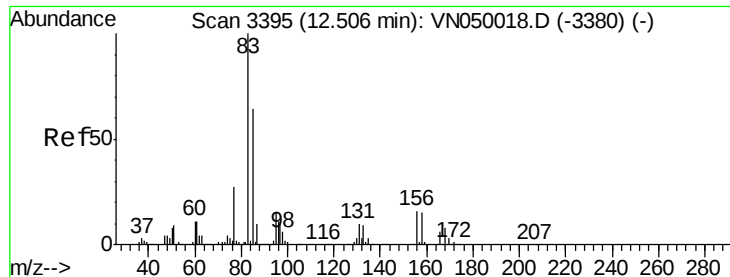


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.41 min Scan# 3365

Delta R.T. -0.10 min

Lab File: VN050172.D

Acq: 28 Jul 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

GS-PIT-2

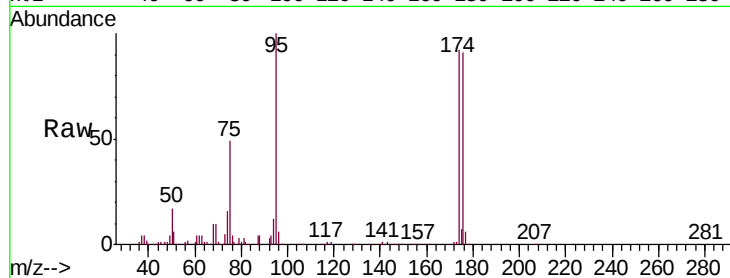
Tot Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 2146.7 5.1 15.3#

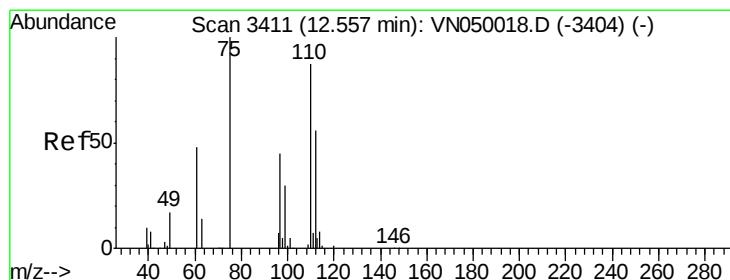
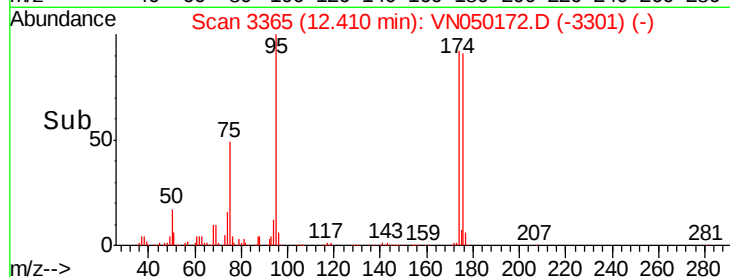
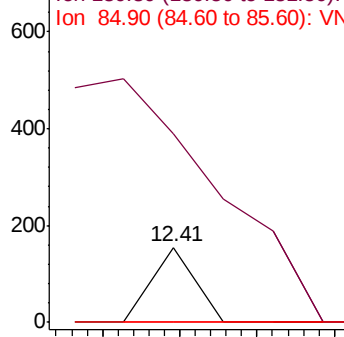
85 0.0 32.3 96.8#



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: 30.99 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050172.D

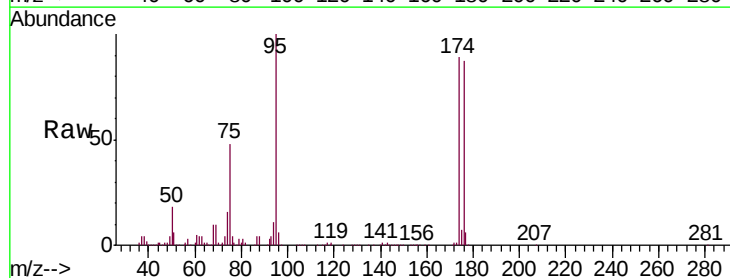
Acq: 28 Jul 2018 9:36

Tgt Ion: 75 Resp: 203396

Ion Ratio Lower Upper

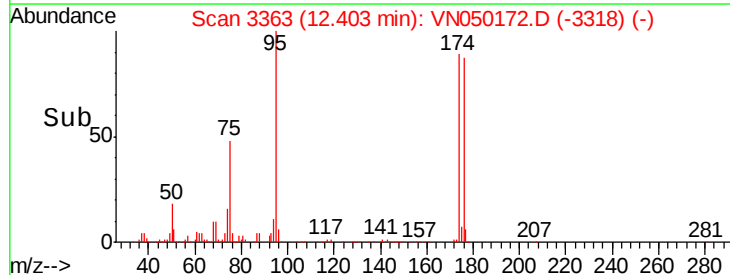
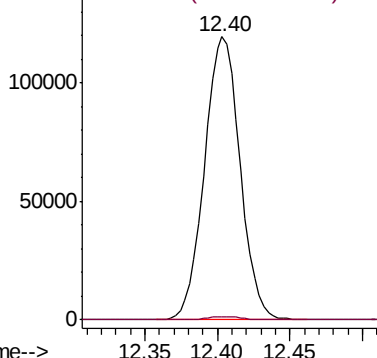
75 100

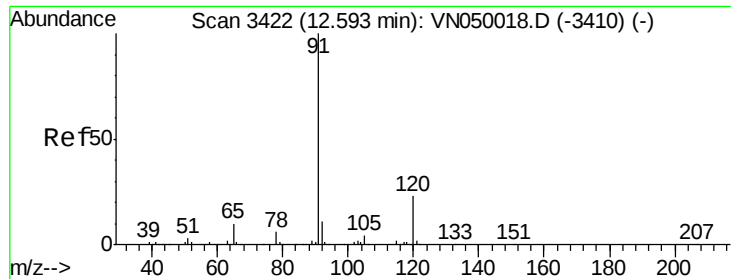
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

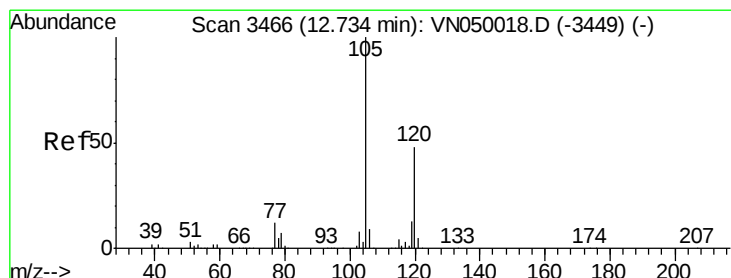
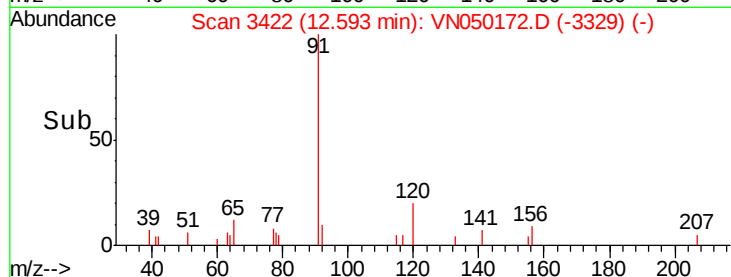
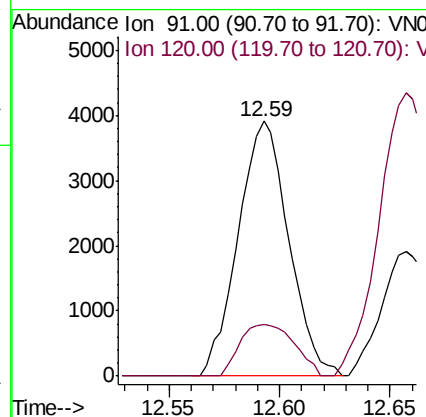
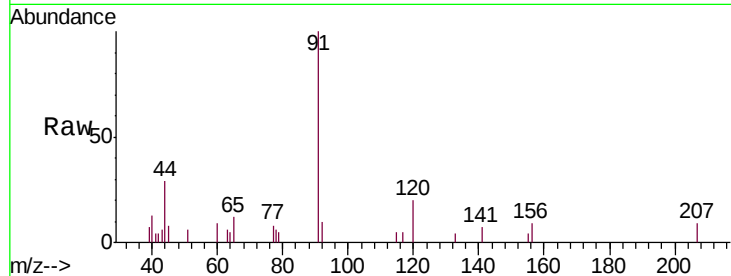




#78
n-propylbenzene
Concen: 0.20 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

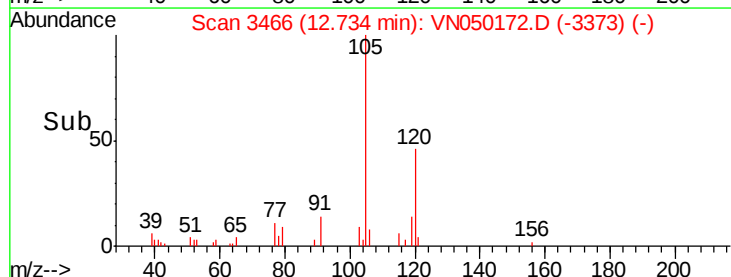
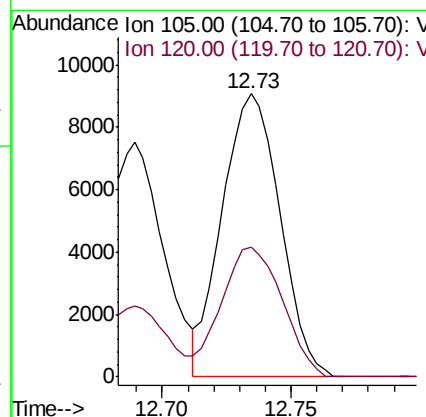
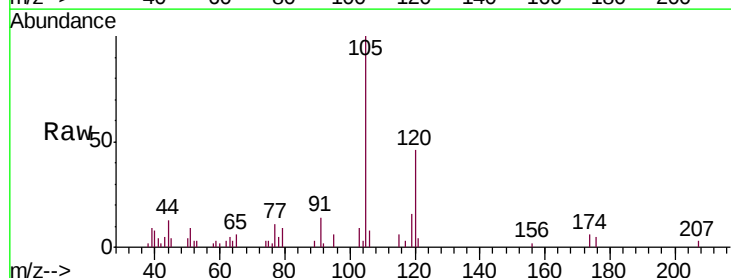
Instrument :
MSVOA_N
ClientSampled :
GS-PIT-2

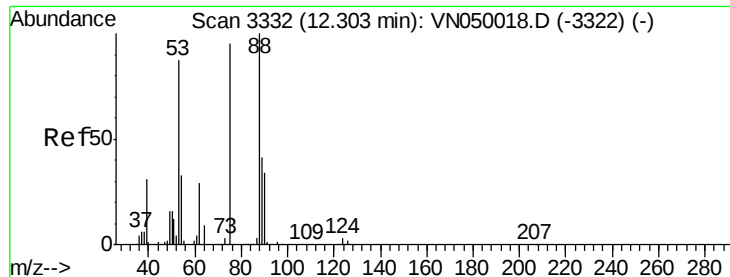
Tot Ion: 91 Resp: 6215
Ion Ratio Lower Upper
91 100
120 22.0 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 0.66 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion: 105 Resp: 14187
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 98.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050172.D

Acq: 28 Jul 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

GS-PIT-2

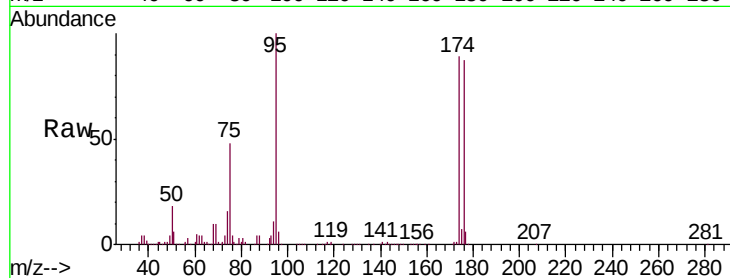
Tot Ion: 75 Resp: 203396

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

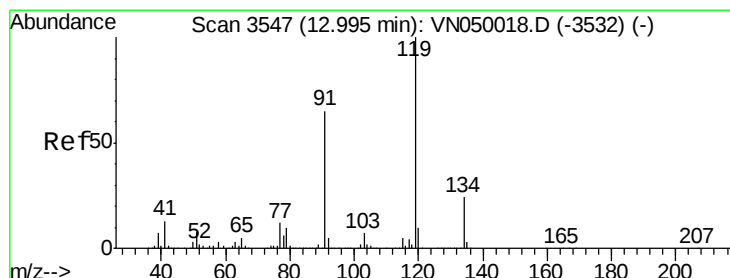
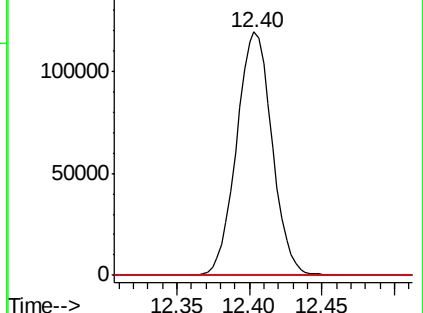
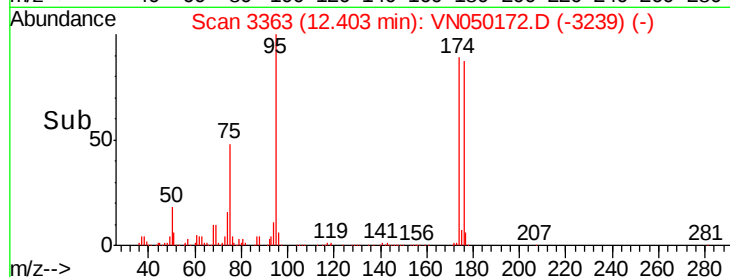
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050172.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN050172.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN050172.D (-3363) (-)



#83

tert-Butylbenzene

Concen: 0.36 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN050172.D

Acq: 28 Jul 2018 9:36

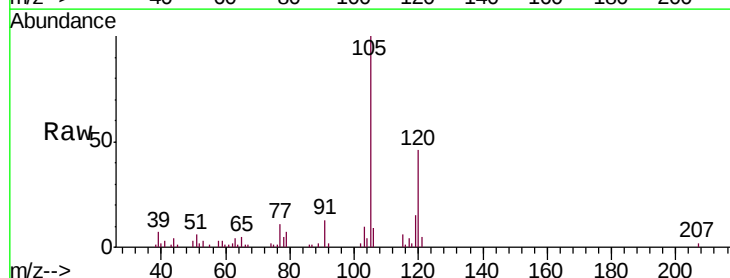
Tgt Ion: 119 Resp: 6831

Ion Ratio Lower Upper

119 100

91 81.9 32.1 96.3

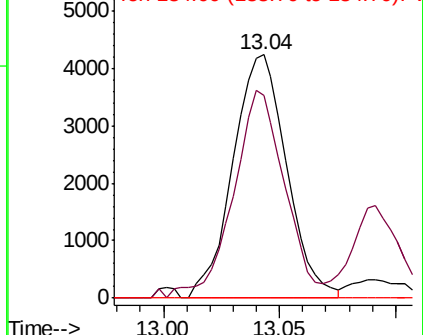
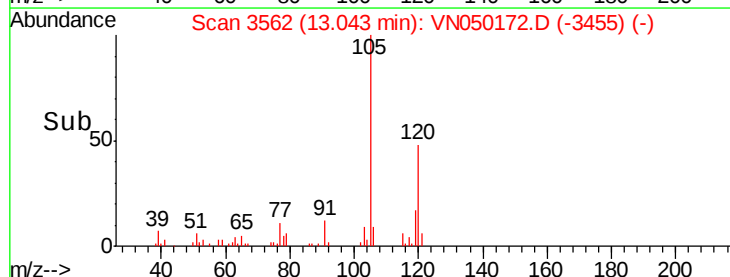
134 0.0 13.2 39.5#

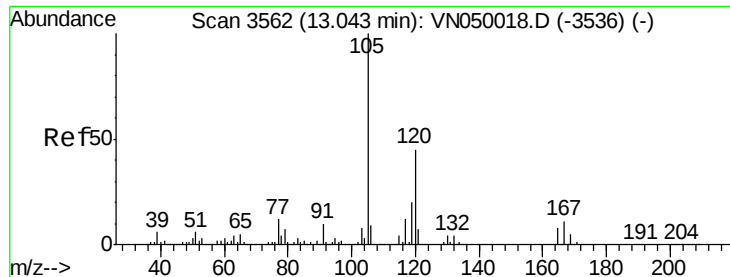


Abundance Ion 119.00 (118.70 to 119.70): VN050172.D (-3562) (-)

Ion 91.00 (90.70 to 91.70): VN050172.D (-3562) (-)

Ion 134.00 (133.70 to 134.70): VN050172.D (-3562) (-)

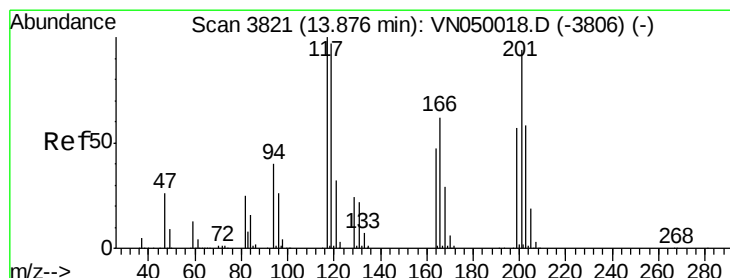
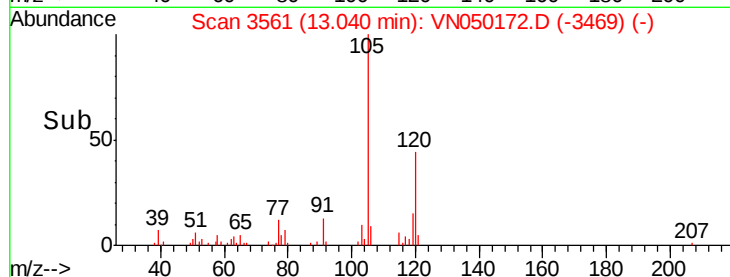
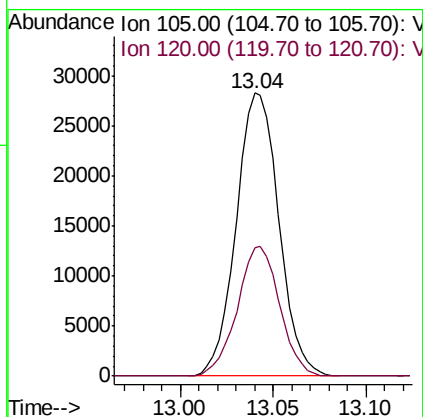
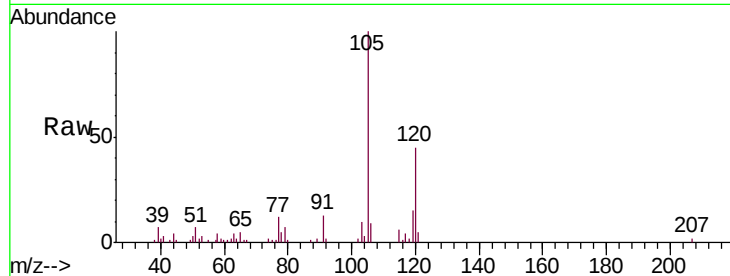




#84
 1,2,4-Trimethylbenzene
 Concen: 2.09 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

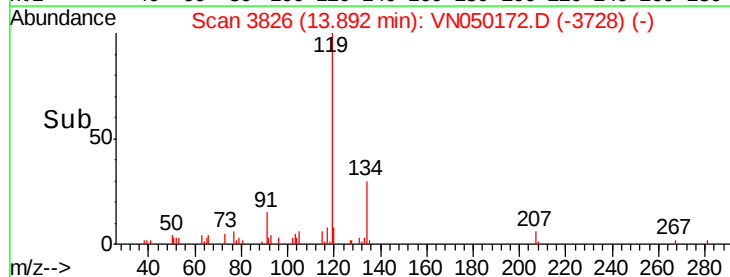
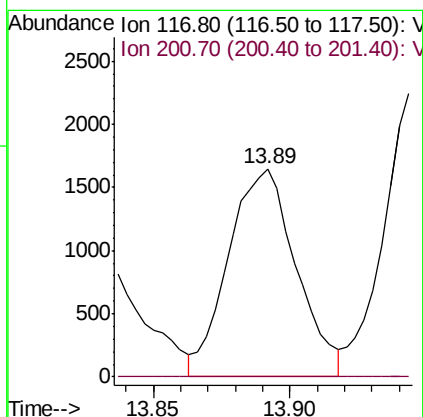
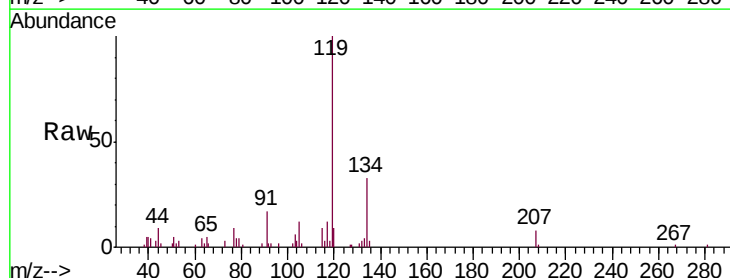
Instrument :
 MSVOA_N
 ClientSampleId :
 GS-PIT-2

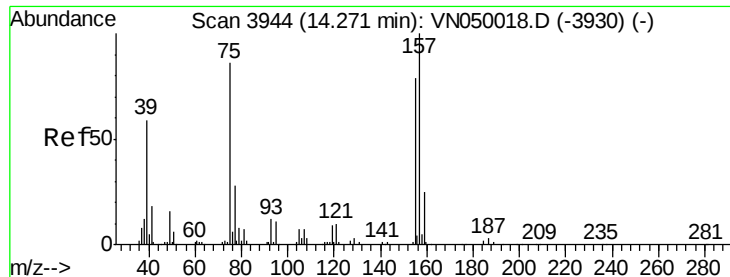
Tot Ion:105 Resp: 45271
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.7



#90
 Hexachloroethane
 Concen: 0.60 ug/l
 RT: 13.89 min Scan# 3826
 Delta R.T. 0.02 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

Tgt Ion:117 Resp: 2838
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.6 136.8#

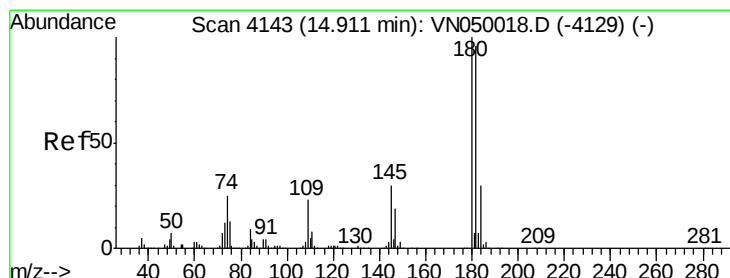
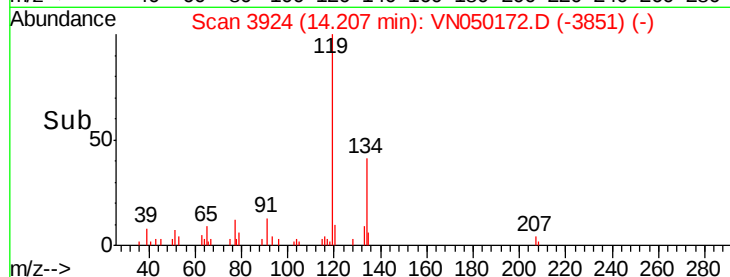
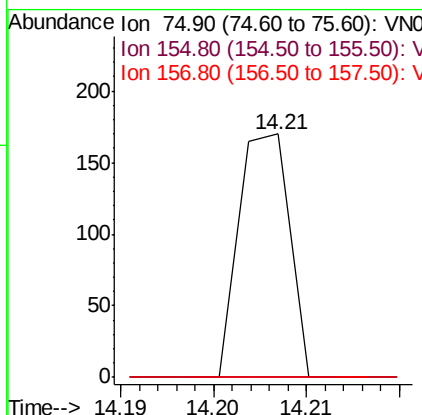
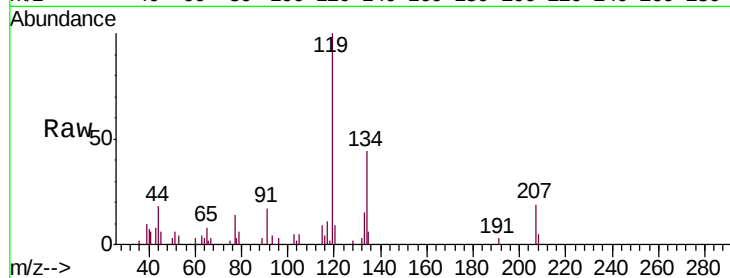




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.21 min Scan# 3924
 Delta R.T. -0.06 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

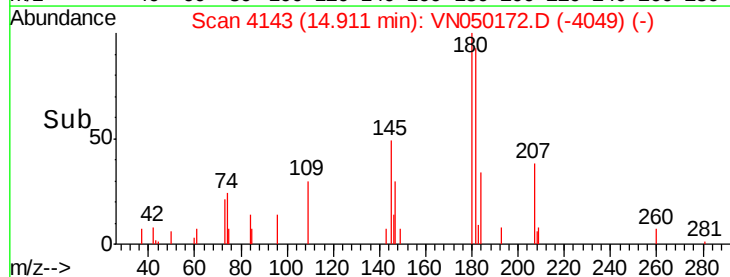
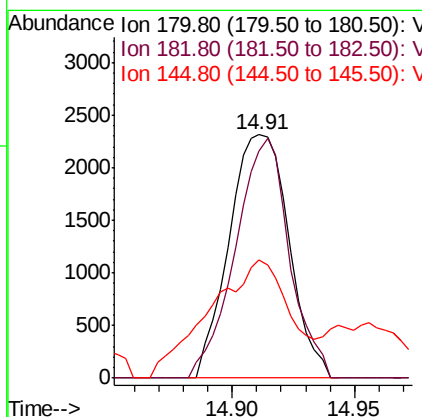
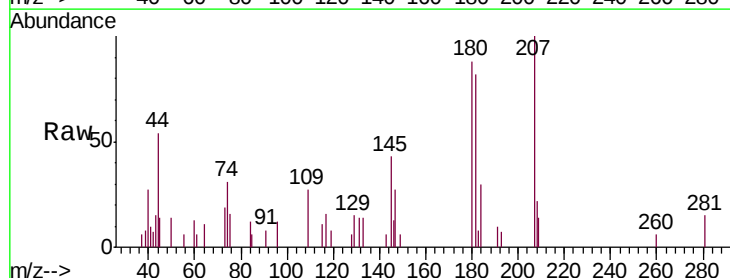
Instrument :
 MSVOA_N
 ClientSampleId :
 GS-PIT-2

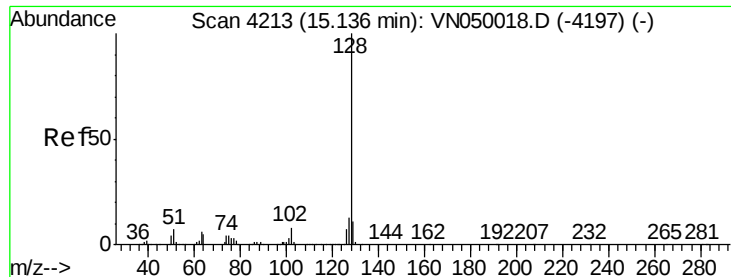
Tot Ion: 75 Resp: 65
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.8 134.4#
 157 0.0 57.2 171.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.63 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050172.D
 Acq: 28 Jul 2018 9:36

Tgt Ion: 180 Resp: 3927
 Ion Ratio Lower Upper
 180 100
 182 89.2 46.7 140.1
 145 65.8 13.8 41.4#

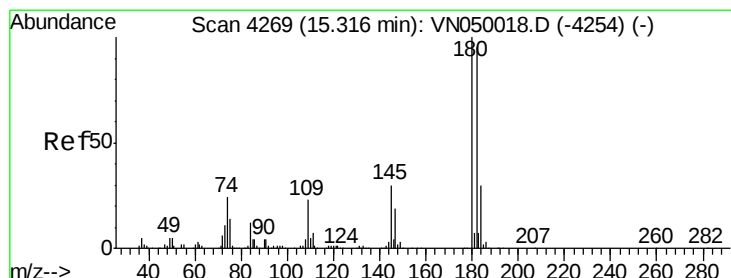
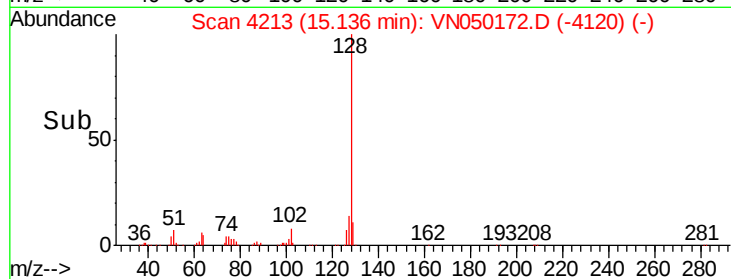
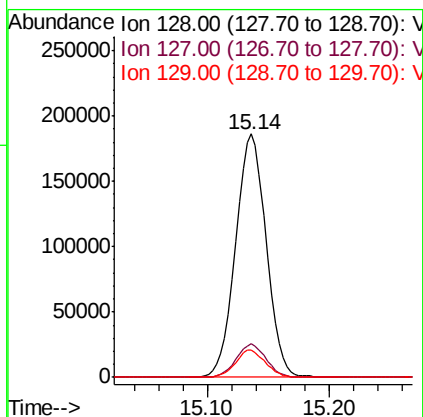
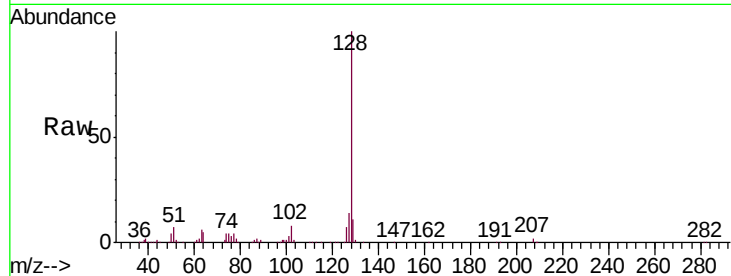




#95
Naphthalene
Concen: 22.57 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Instrument :
MSVOA_N
ClientSampleId :
GS-PIT-2

Tot Ion:128 Resp: 321190
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.29 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion:180 Resp: 578
Ion Ratio Lower Upper
180 100
182 110.9 48.1 144.4
145 144.8 15.3 45.9#

