

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051213.D
 Acq On : 15 Sep 2018 1:25
 Operator : MD\SY
 Sample : J4906-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-2

Quant Time: Sep 15 02:00:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	556681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	884897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	704381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226486	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	336825	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
35) Dibromofluoromethane	7.59	113	335595	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	10.09	98	1179871	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
62) 4-Bromofluorobenzene	12.40	95	293790	35.20	ug/l	0.00
Spiked Amount			Recovery	=	70.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2612	Below Cal		98
5) Bromomethane	2.57	94	1671	Below Cal	#	67
10) Methyl Iodide	3.96	142	29	5.64	ug/l #	44
14) Allyl chloride	4.55	41	14942	1.65	ug/l #	26
16) Acetone	3.82	43	43075	22.82	ug/l	91
18) Methyl Acetate	4.34	43	13925	2.81	ug/l	96
20) Methylene Chloride	4.55	84	433749	63.38	ug/l	99
25) 2-Butanone	6.85	43	8513	3.50	ug/l	91
29) Tetrahydrofuran	7.22	42	695	0.46	ug/l #	88
30) Chloroform	7.37	83	11961	1.06	ug/l	97
31) Cyclohexane	7.66	56	4625	0.23	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	36560	3.76	ug/l #	48
37) Ethyl Acetate	6.85	43	8513	1.51	ug/l #	66
38) Carbon Tetrachloride	7.67	117	47671	4.99	ug/l #	16
41) Methacrylonitrile	7.21	41	785	0.27	ug/l #	25
43) Isopropyl Acetate	8.17	43	279382	28.14	ug/l #	79
47) Bromodichloromethane	9.41	83	4361	0.46	ug/l #	85
48) Methyl methacrylate	9.18	41	6045	1.25	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	2801	0.51	ug/l #	86
52) Toluene	10.16	92	8879	0.50	ug/l	100
56) Ethyl methacrylate	10.23	69	1453	2.61	ug/l #	69
59) 2-Hexanone	10.77	43	12079	3.24	ug/l #	57
67) Ethyl Benzene	11.51	91	16977	0.59	ug/l	98
68) m/p-Xylenes	11.62	106	15233	1.38	ug/l	99
69) o-Xylene	11.95	106	6320	0.59	ug/l	96
70) Styrene	11.96	104	6028	0.36	ug/l #	85
71) Bromoform	12.40	173	1928	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	135646	38.28	ug/l #	100
78) n-propylbenzene	12.59	91	6941	0.33	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	13770	0.90	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	135646	113.74	ug/l #	15
83) tert-Butylbenzene	13.04	119	6902	0.51	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.04	105	44287	2.93	ug/l	99
90) Hexachloroethane	13.89	117	2252	0.22	ug/l #	2

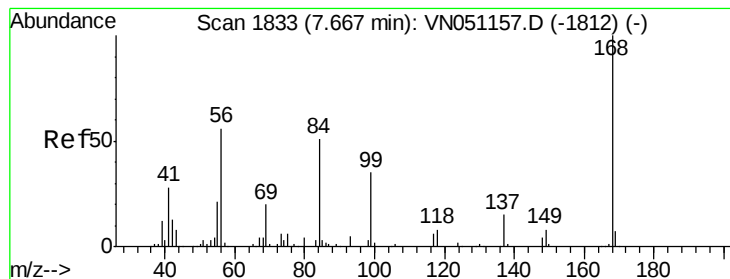
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
Data File : VN051213.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32	0.70	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	3217	4.71	ug/l #	76
95) Naphthalene	15.13	128	184348	24.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	385	3.04	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampled :

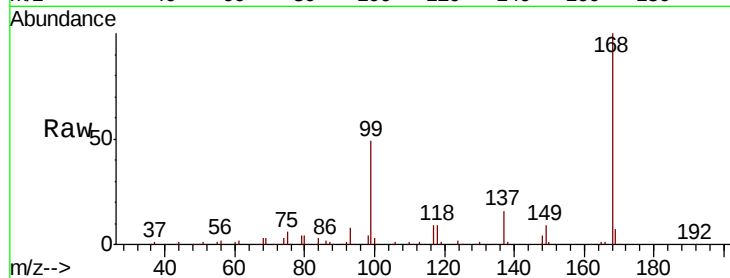
SP-PIT-2

Tot Ion:168 Resp: 556681

Ion Ratio Lower Upper

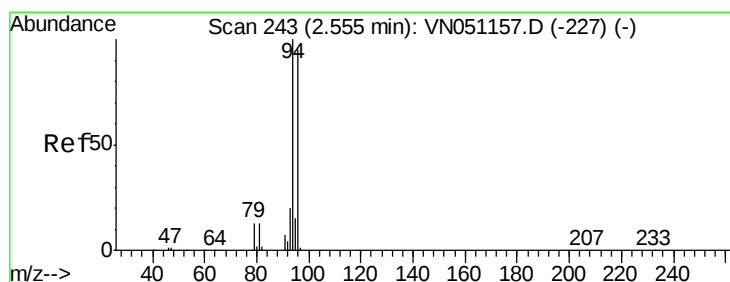
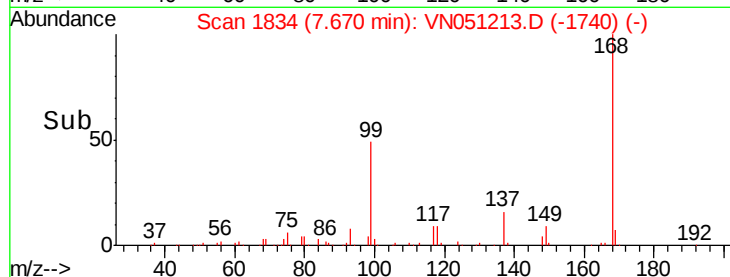
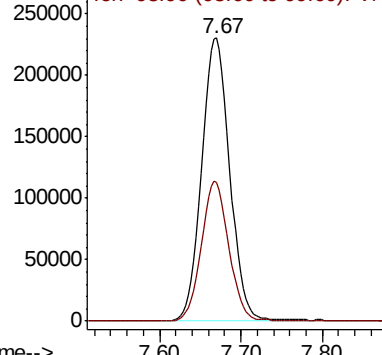
168 100

99 49.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051213.D

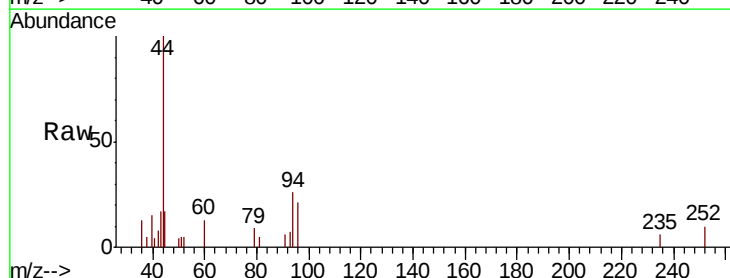
Acq: 15 Sep 2018 1:25

Tgt Ion: 94 Resp: 1671

Ion Ratio Lower Upper

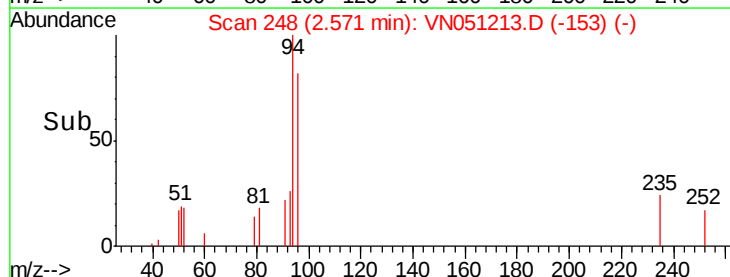
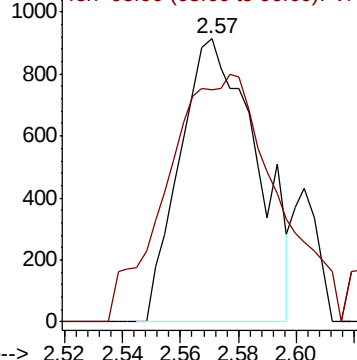
94 100

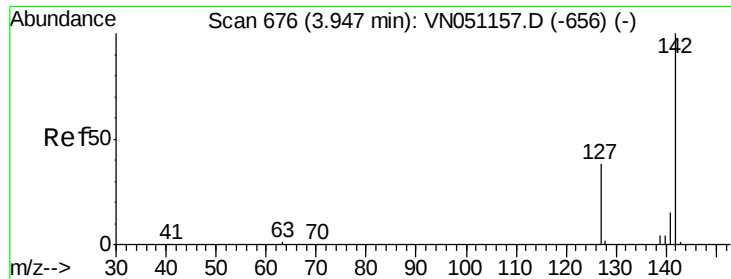
96 63.0 75.9 113.9#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

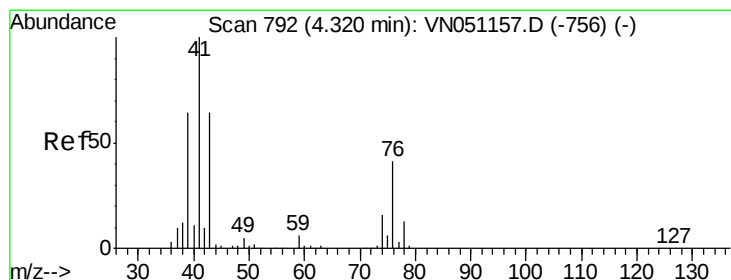
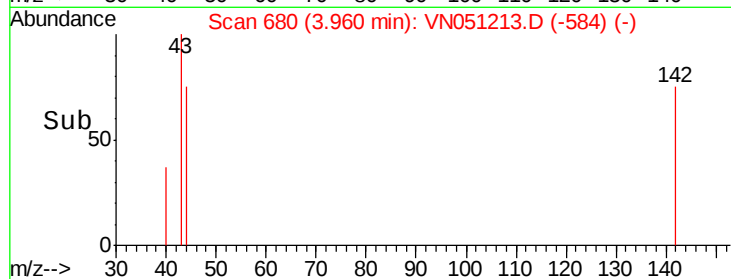
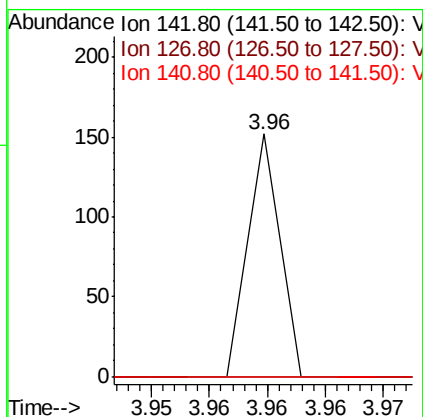
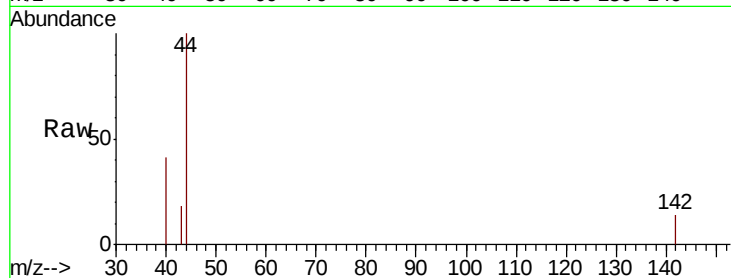




#10
Methyl Iodide
Concen: 5.64 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.01 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

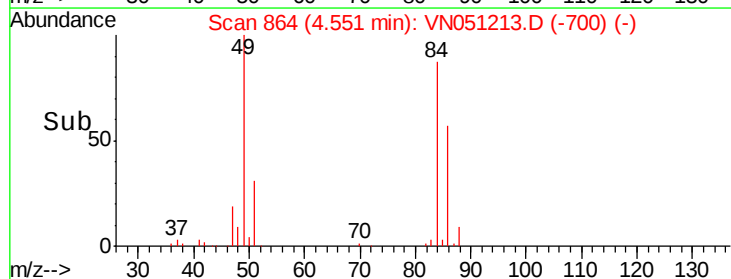
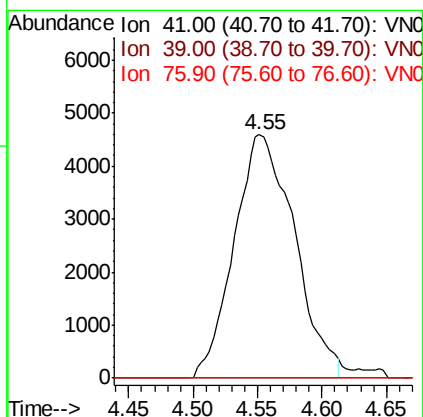
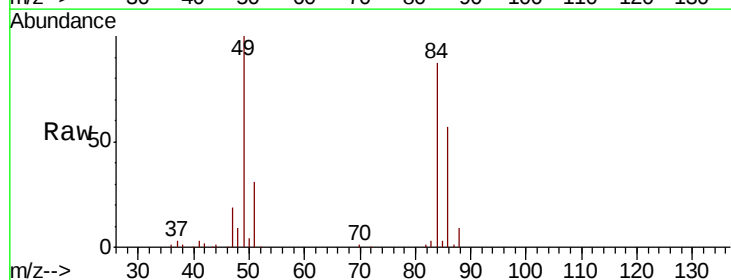
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-2

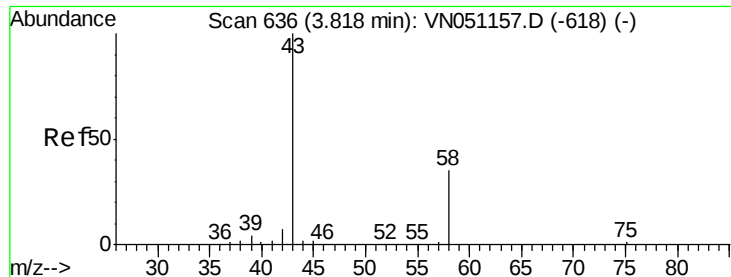
Tot Ion:142 Resp: 29
Ion Ratio Lower Upper
142 100
127 0.0 31.0 46.4#
141 0.0 11.3 16.9#



#14
Allyl chloride
Concen: 1.65 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

Tgt Ion: 41 Resp: 14942
Ion Ratio Lower Upper
41 100
39 0.0 48.8 73.2#
76 0.0 30.6 45.8#





#16

Acetone

Concen: 22.82 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampled :

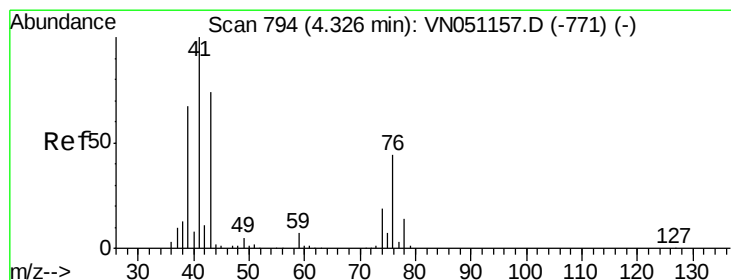
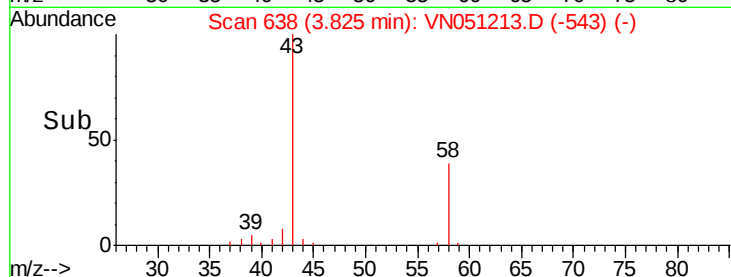
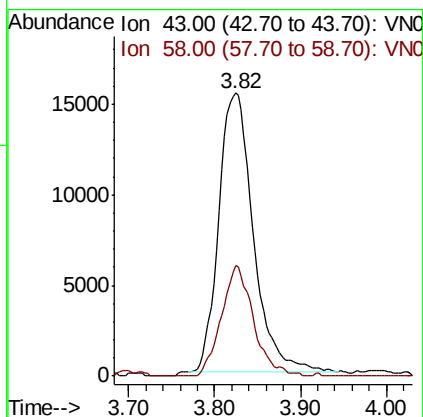
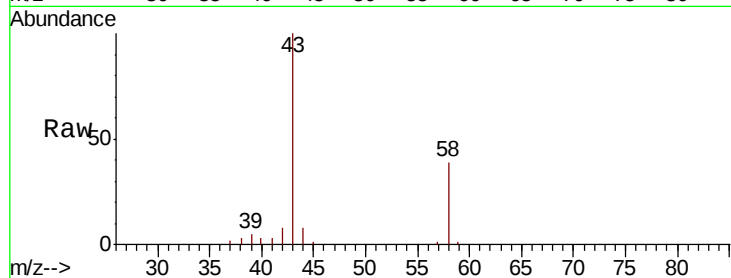
SP-PIT-2

Tot Ion: 43 Resp: 43075

Ion Ratio Lower Upper

43 100

58 39.6 27.8 41.6



#18

Methyl Acetate

Concen: 2.81 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051213.D

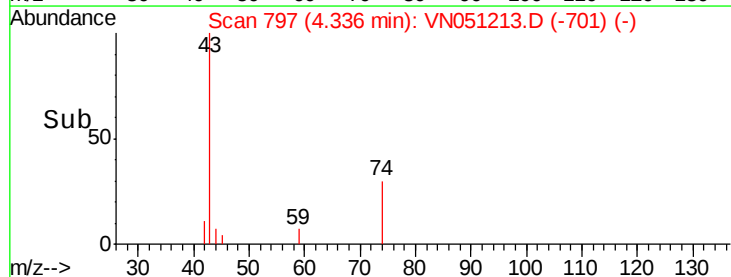
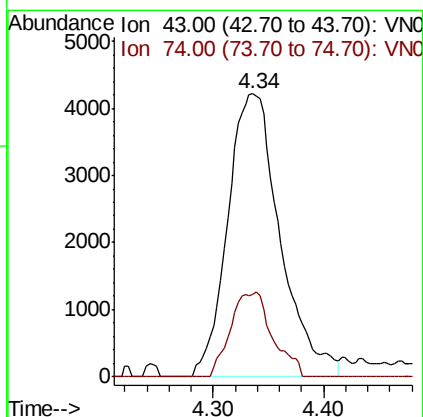
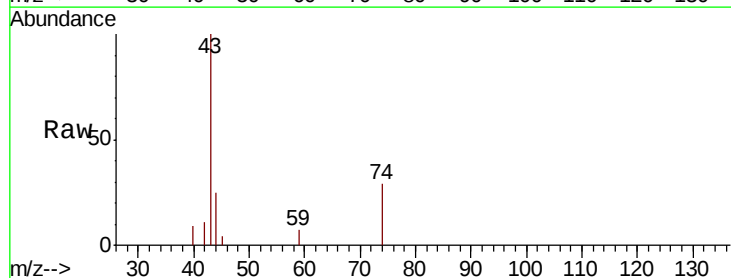
Acq: 15 Sep 2018 1:25

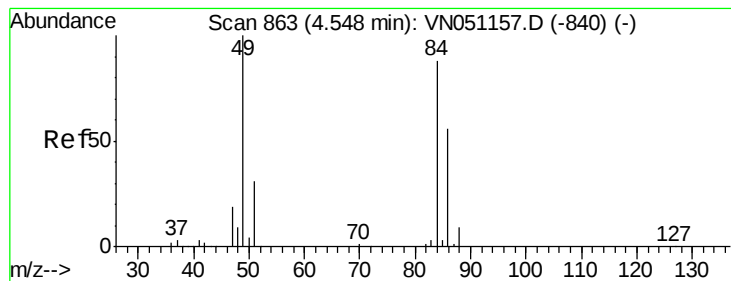
Tgt Ion: 43 Resp: 13925

Ion Ratio Lower Upper

43 100

74 23.8 20.7 31.1





#20

Methylene Chloride

Concen: 63.38 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-2

Tot Ion: 84 Resp: 433749

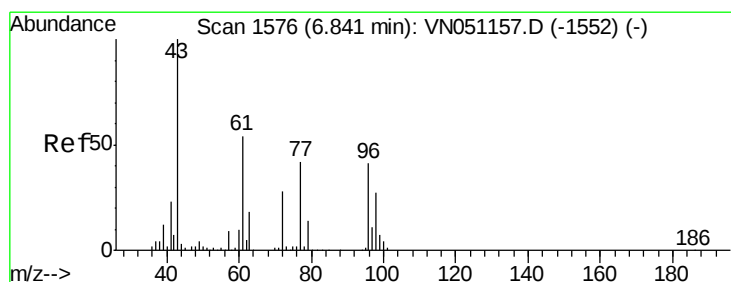
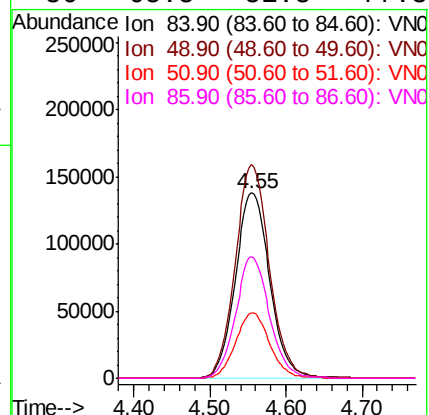
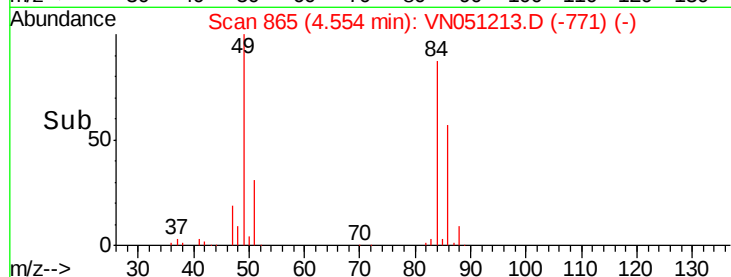
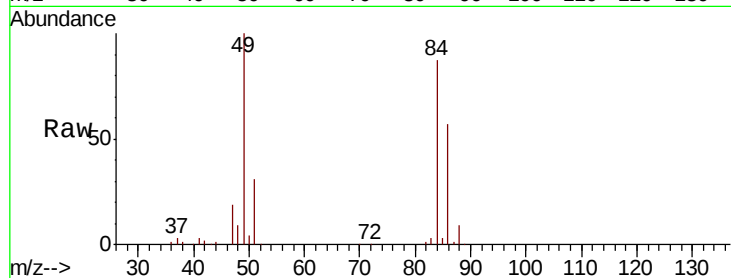
Ion Ratio Lower Upper

84 100

49 115.1 90.2 135.2

51 35.5 28.4 42.6

86 65.5 51.8 77.8



#25

2-Butanone

Concen: 3.50 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN051213.D

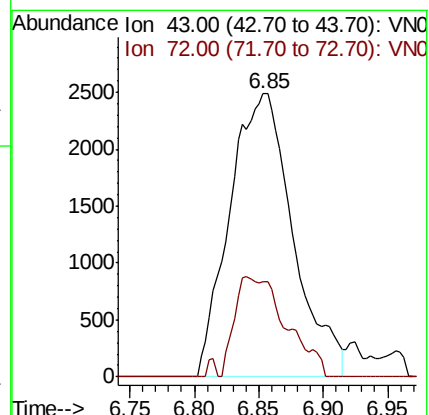
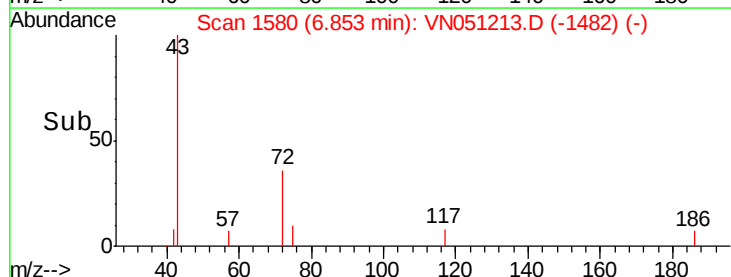
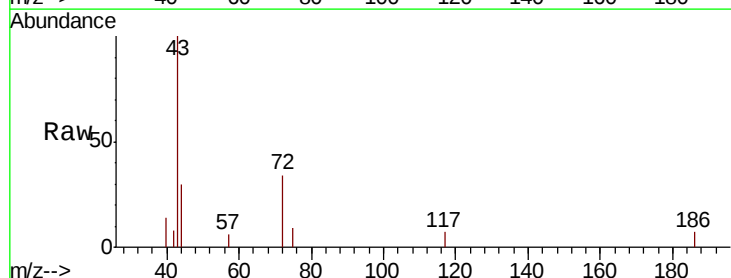
Acq: 15 Sep 2018 1:25

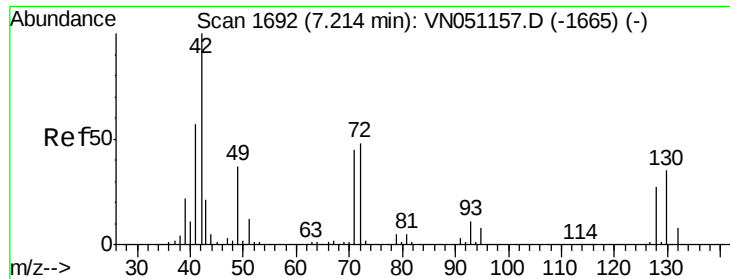
Tgt Ion: 43 Resp: 8513

Ion Ratio Lower Upper

43 100

72 33.8 23.0 34.6





#29

Tetrahydrofuran

Concen: 0.46 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-2

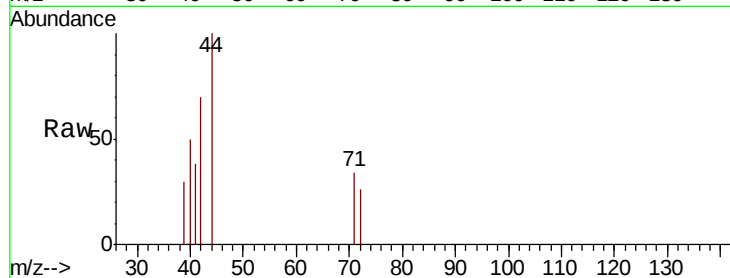
Tot Ion: 42 Resp: 695

Ion Ratio Lower Upper

42 100

72 32.1 37.4 56.0#

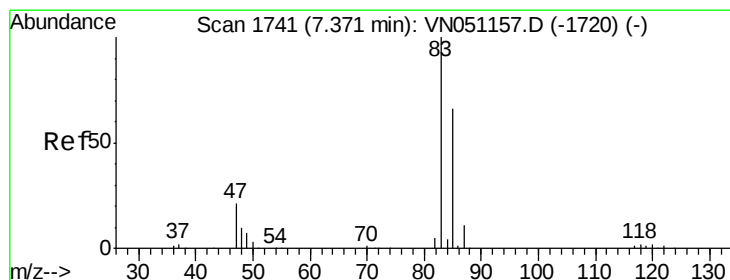
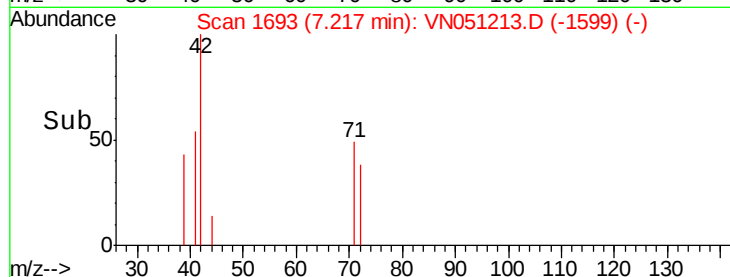
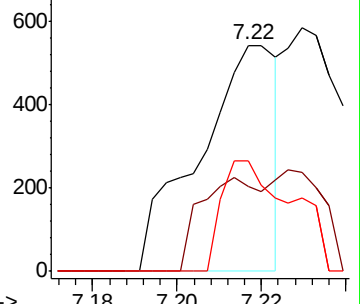
71 44.0 34.7 52.1



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: 1.06 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051213.D

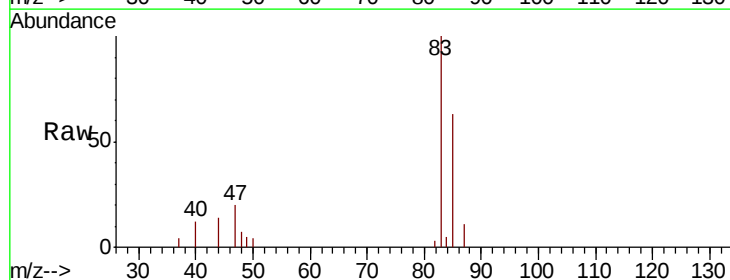
Acq: 15 Sep 2018 1:25

Tgt Ion: 83 Resp: 11961

Ion Ratio Lower Upper

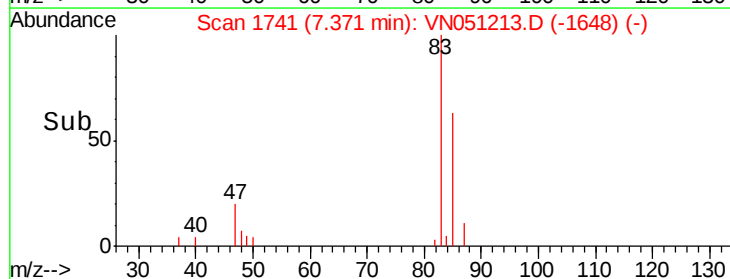
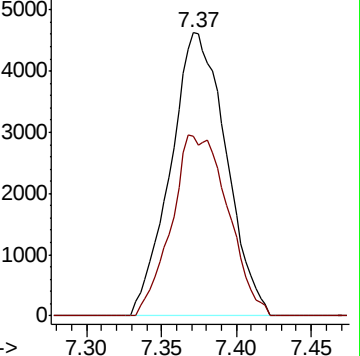
83 100

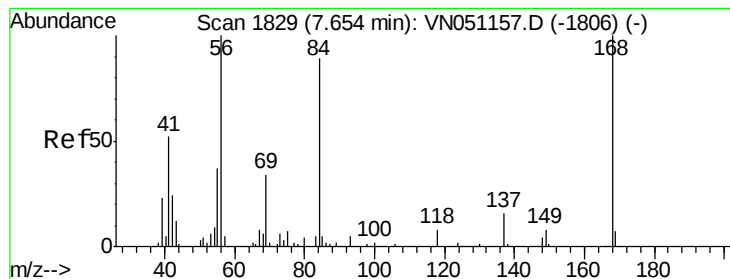
85 63.3 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.23 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-2

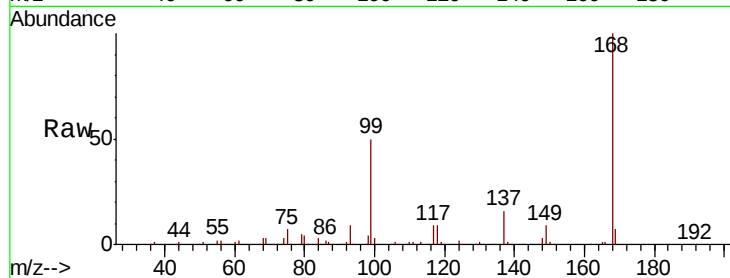
Tot Ion: 56 Resp: 4625

Ion Ratio Lower Upper

56 100

69 206.9 26.3 39.5#

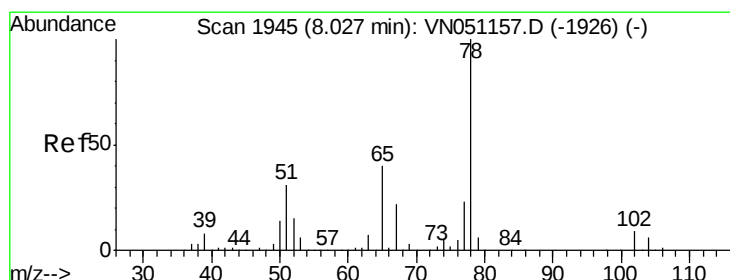
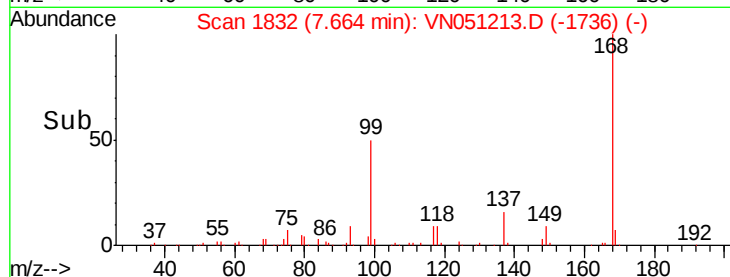
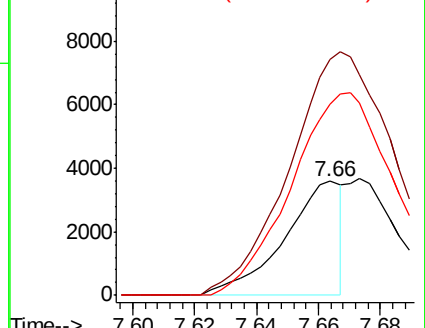
84 167.1 69.4 104.0#



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: 54.37 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051213.D

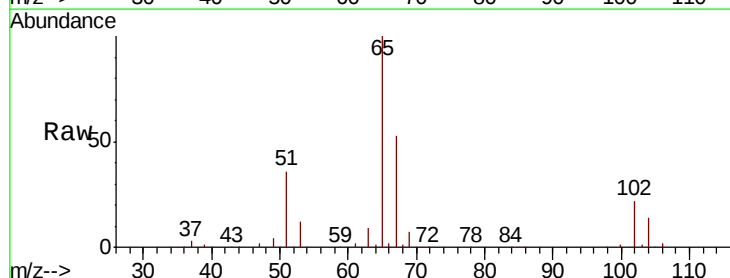
Acq: 15 Sep 2018 1:25

Tgt Ion: 65 Resp: 336825

Ion Ratio Lower Upper

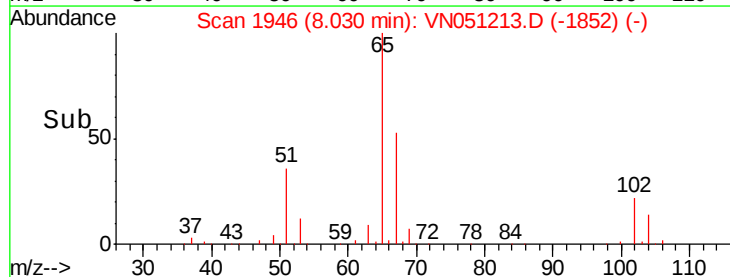
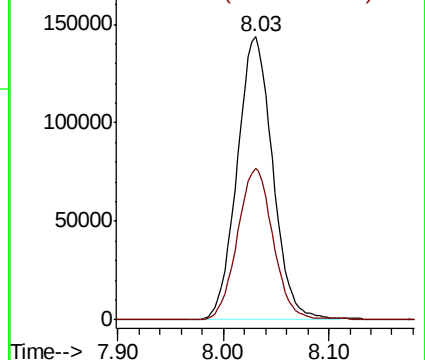
65 100

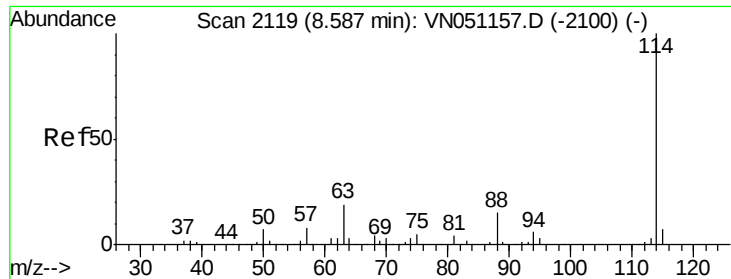
67 53.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

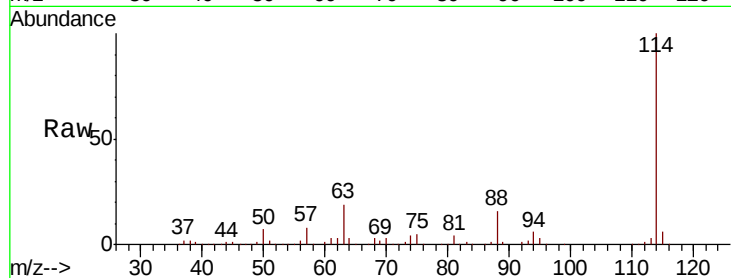




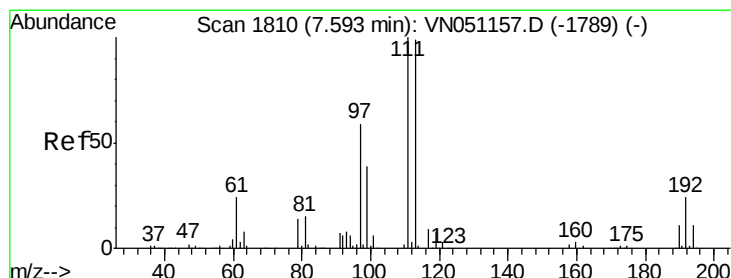
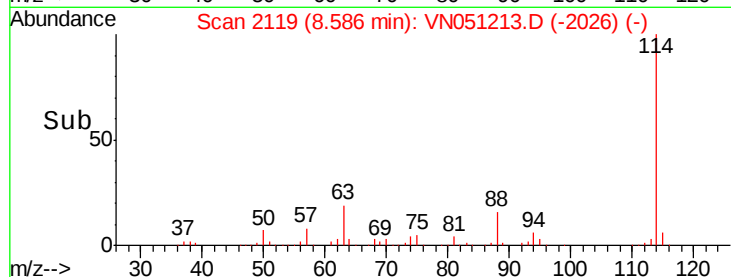
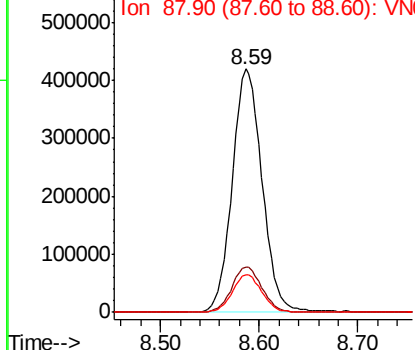
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051213.D
 Acq: 15 Sep 2018 1:25

Instrument :
 MSVOA_N
 ClientSampled :
 SP-PIT-2

Tot Ion:114 Resp: 884897
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 15.7 0.0 30.8

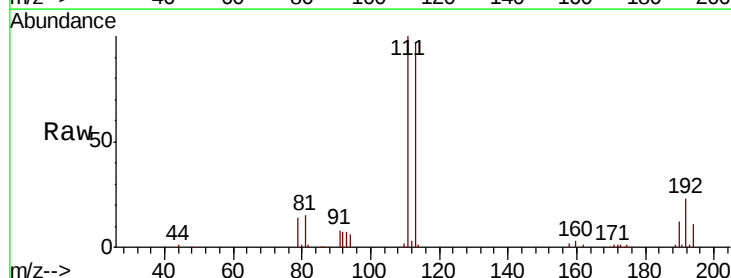


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

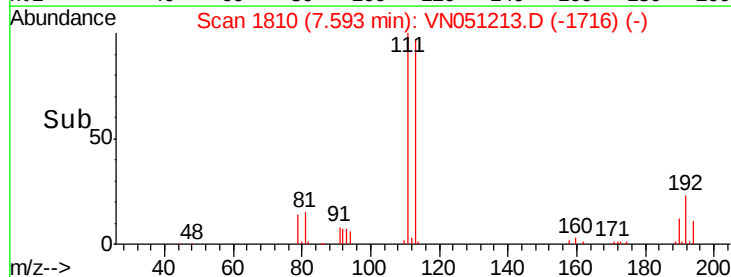
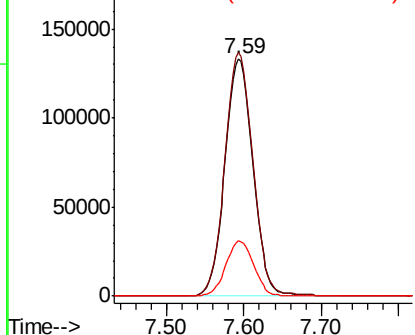


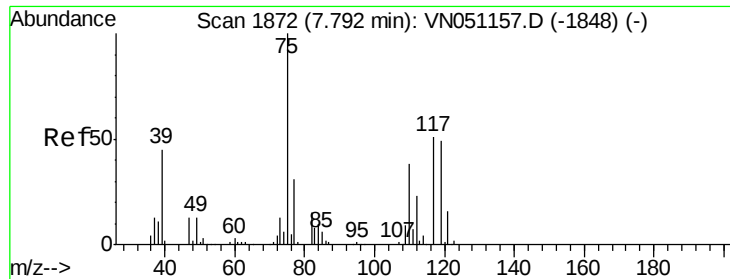
#35
 Dibromofluoromethane
 Concen: 50.47 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051213.D
 Acq: 15 Sep 2018 1:25

Tgt Ion:113 Resp: 335595
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.6
 192 23.1 18.7 28.1



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

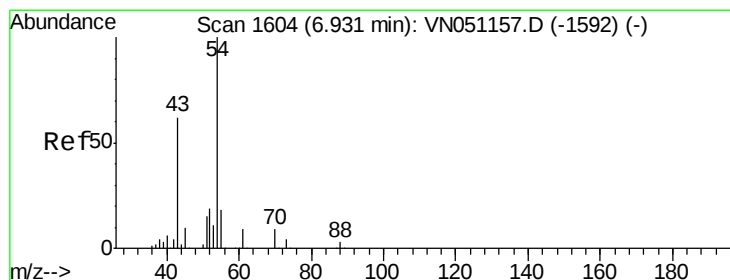
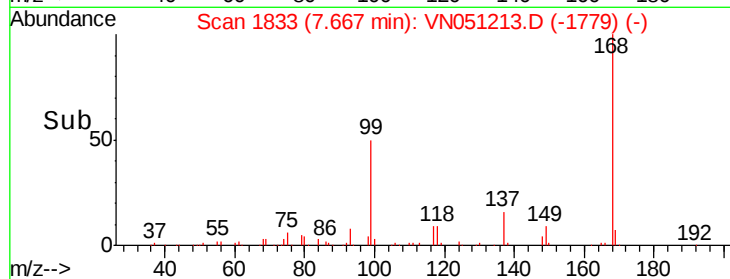
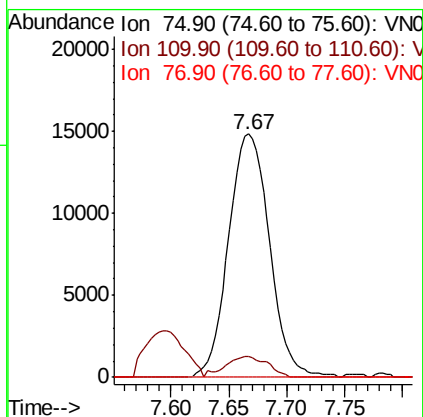
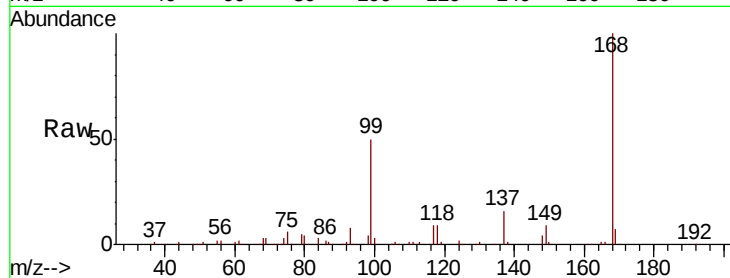




#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051213.D
 Acq: 15 Sep 2018 1:25

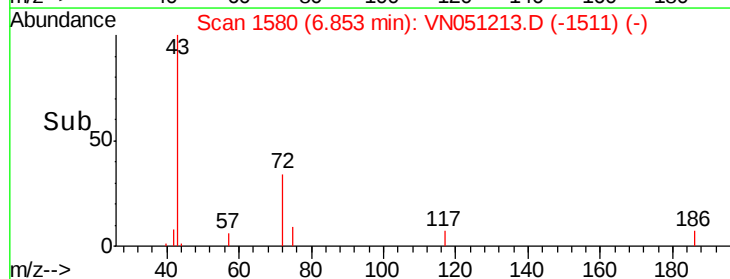
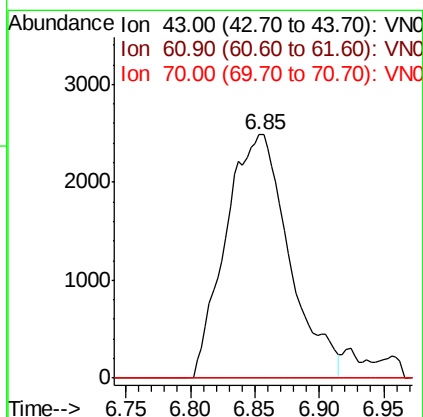
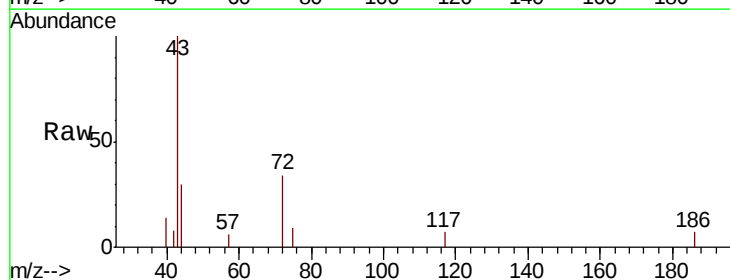
Instrument :
 MSVOA_N
 ClientSampled :
 SP-PIT-2

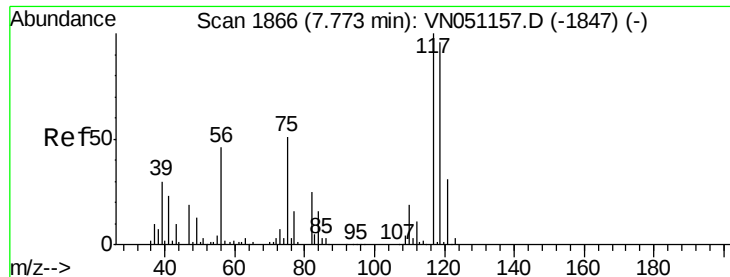
Tot Ion: 75 Resp: 36560
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.6 55.8#
 77 0.0 25.2 37.8#



#37
 Ethyl Acetate
 Concen: 1.51 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. -0.08 min
 Lab File: VN051213.D
 Acq: 15 Sep 2018 1:25

Tgt Ion: 43 Resp: 8513
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.4 18.6#
 70 0.0 9.3 13.9#





#38

Carbon Tetrachloride

Concen: 4.99 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-2

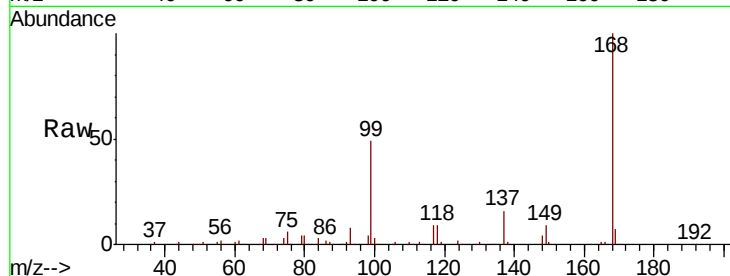
Tot Ion:117 Resp: 47671

Ion Ratio Lower Upper

117 100

119 5.8 76.8 115.2#

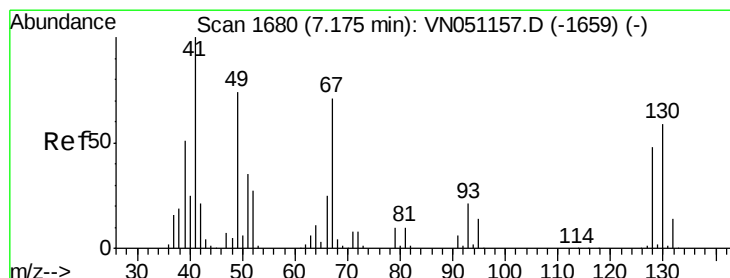
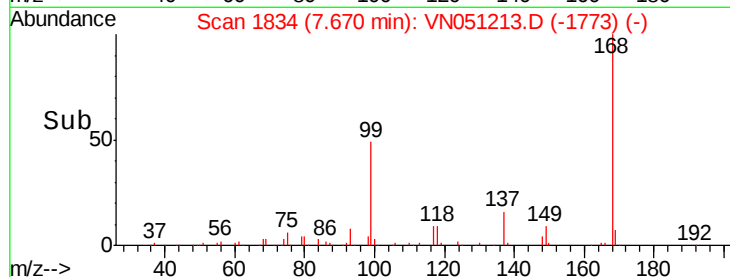
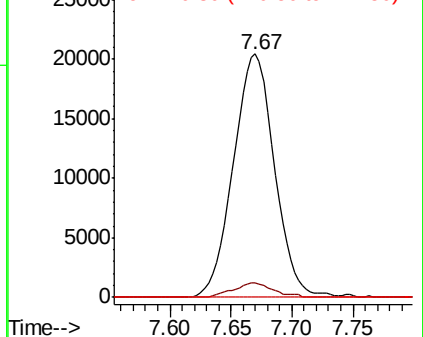
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.27 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.04 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Tgt Ion: 41 Resp: 785

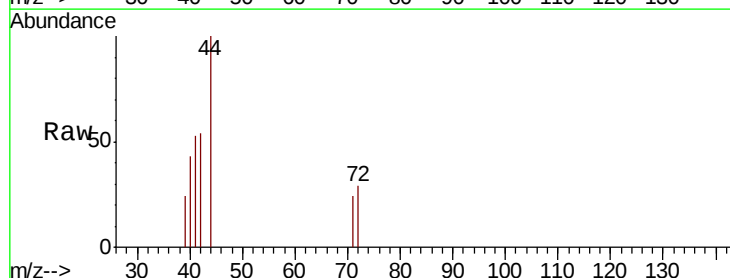
Ion Ratio Lower Upper

41 100

39 28.5 51.3 76.9#

67 0.0 78.5 117.7#

52 0.0 29.0 43.6#

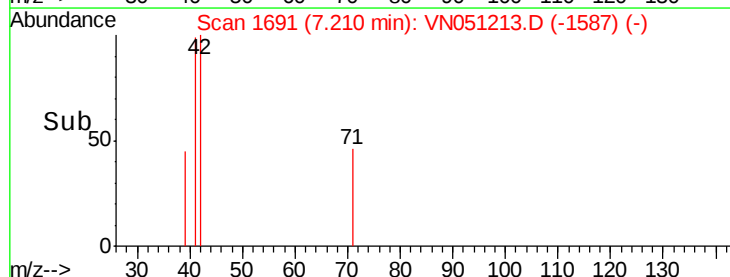
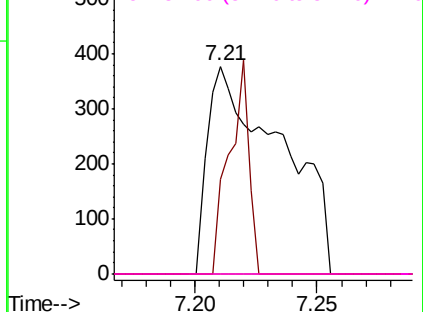


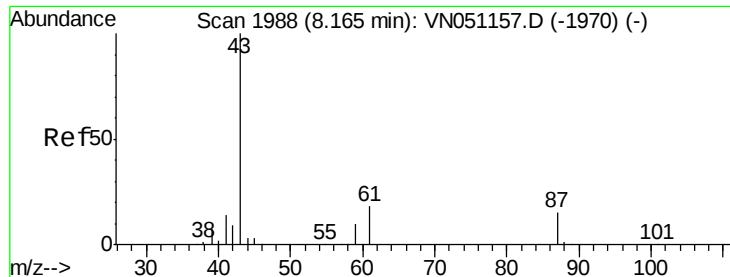
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 28.14 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-2

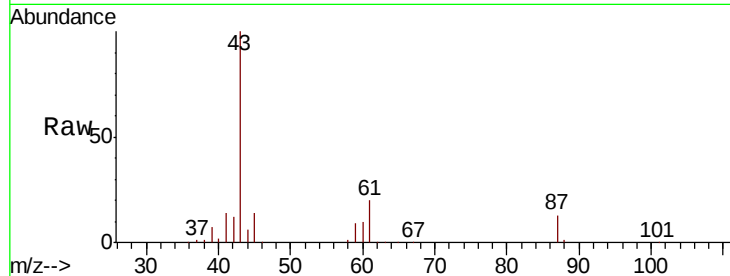
Tot Ion: 43 Resp: 279382

Ion Ratio Lower Upper

43 100

61 16.8 25.0 37.6#

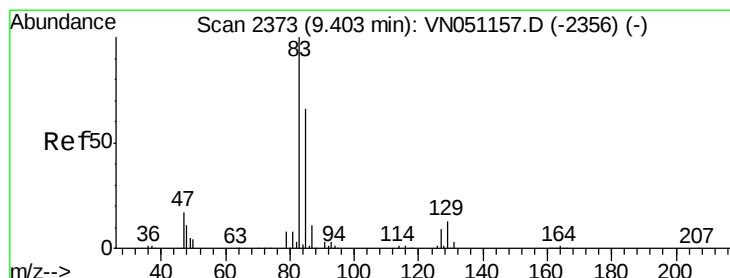
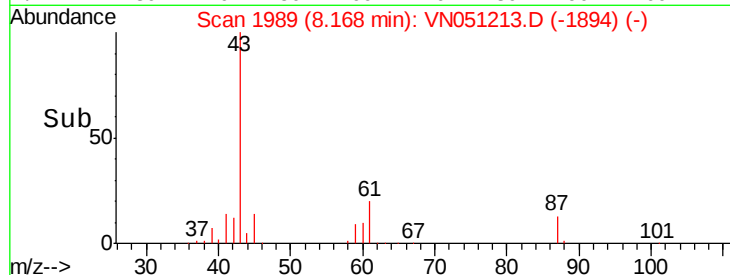
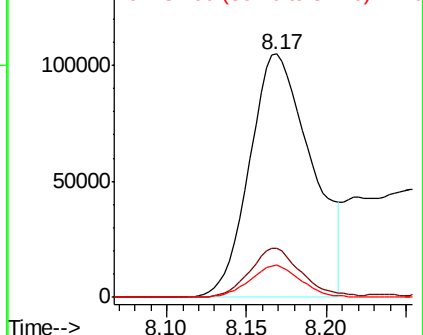
87 10.9 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.46 ug/l

RT: 9.41 min Scan# 2375

Delta R.T. 0.01 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

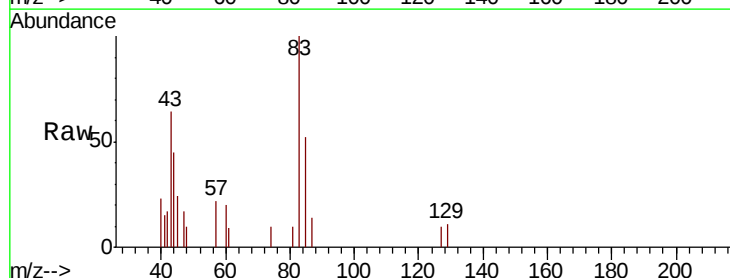
Tgt Ion: 83 Resp: 4361

Ion Ratio Lower Upper

83 100

85 51.7 52.3 78.5#

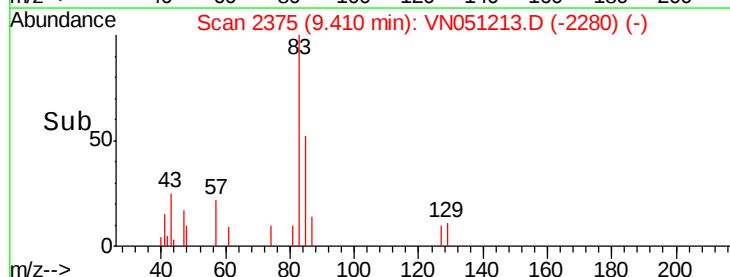
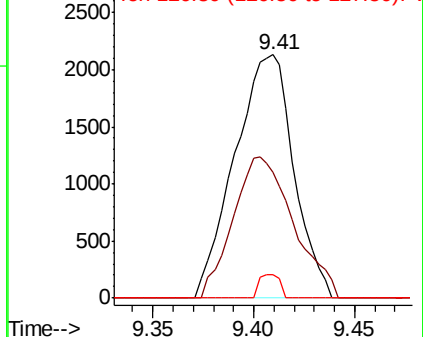
127 9.5 7.5 11.3

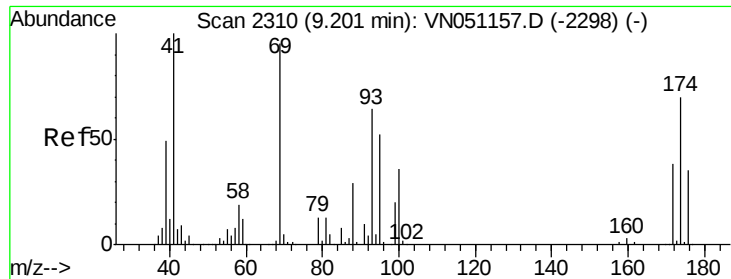


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

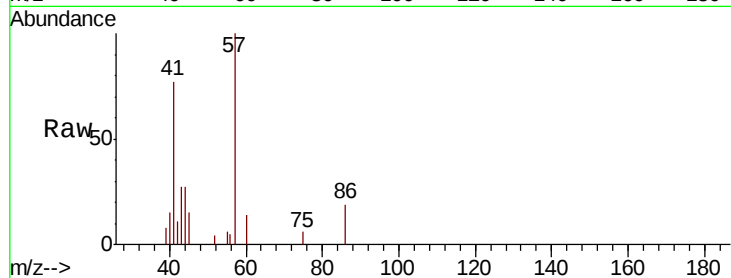




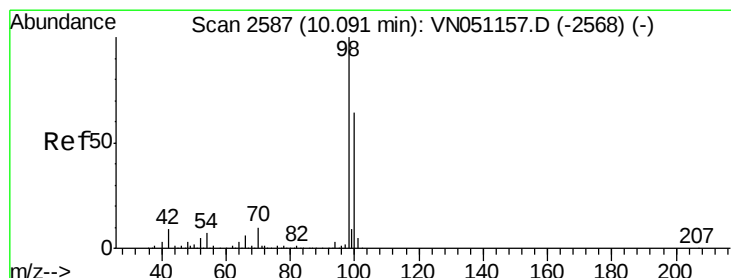
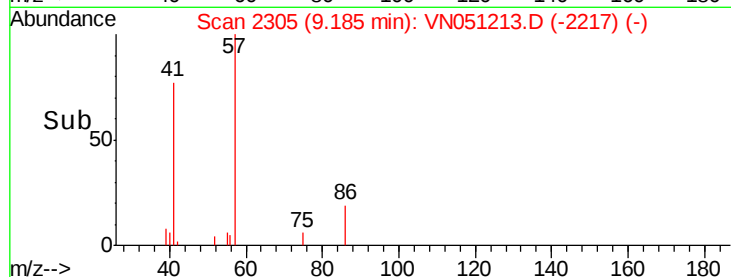
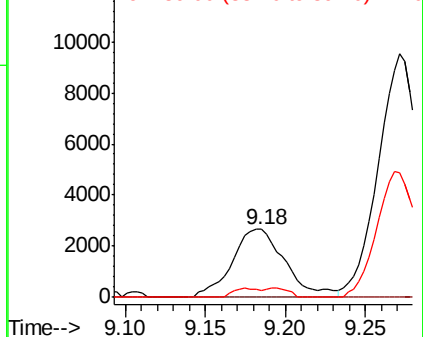
#48
Methvl methacrylate
Concen: 1.25 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

Instrument :
MSVOA_N
ClientSampleId :
SP-PIT-2

Tot Ion: 41 Resp: 6045
Ion Ratio Lower Upper
41 100
69 0.0 77.7 116.5#
39 5.6 41.6 62.4#

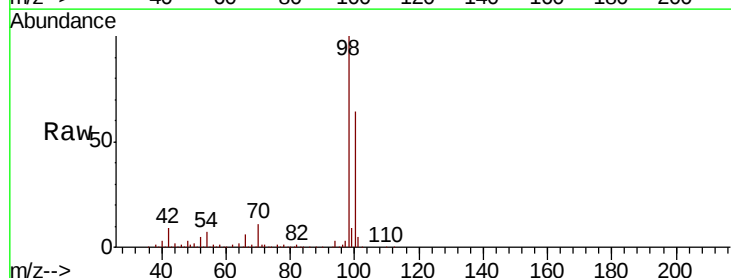


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

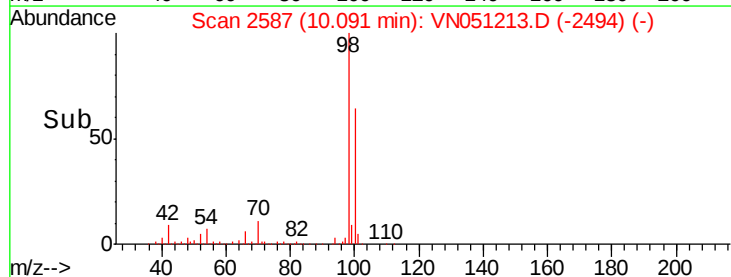
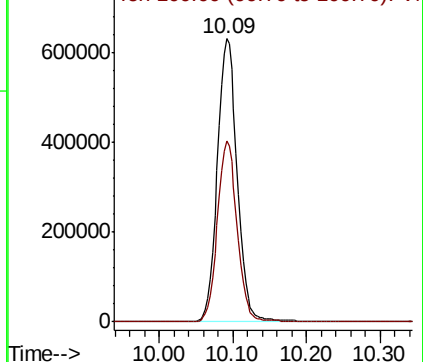


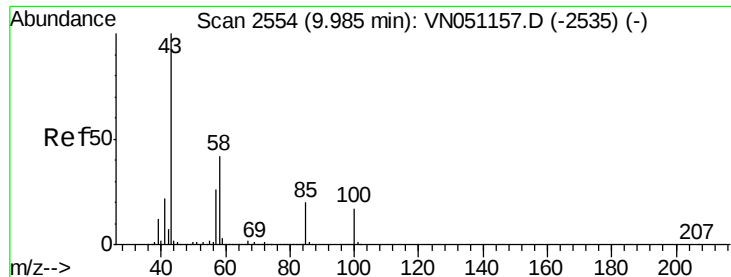
#50
Toluene-d8
Concen: 46.76 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

Tgt Ion: 98 Resp: 1179871
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



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

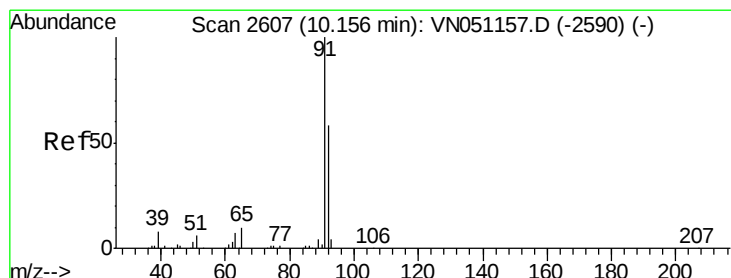
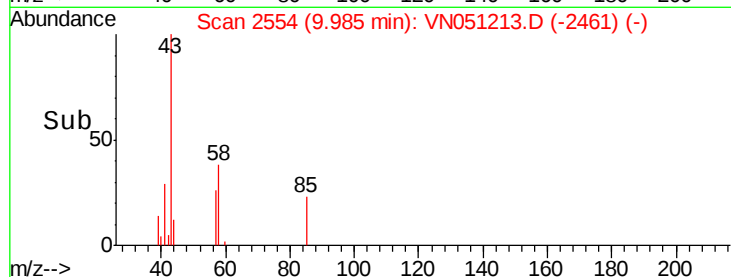
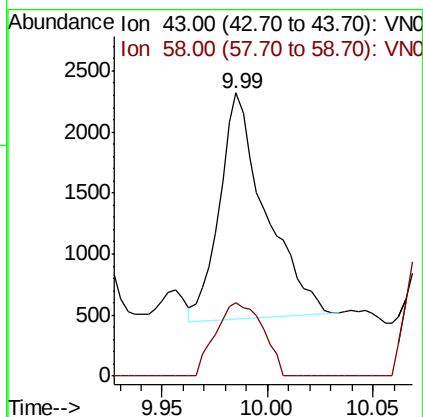
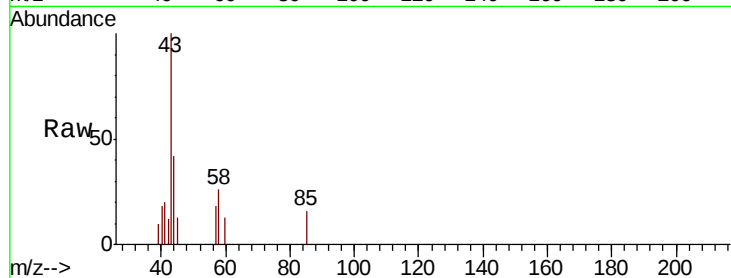




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

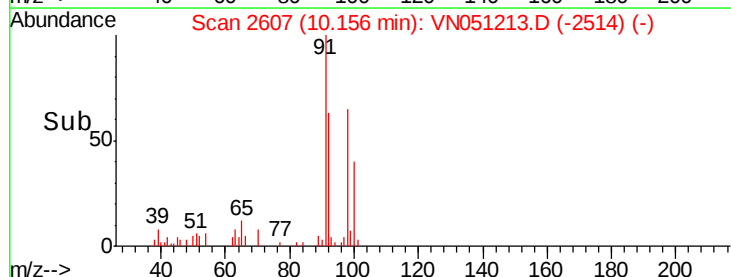
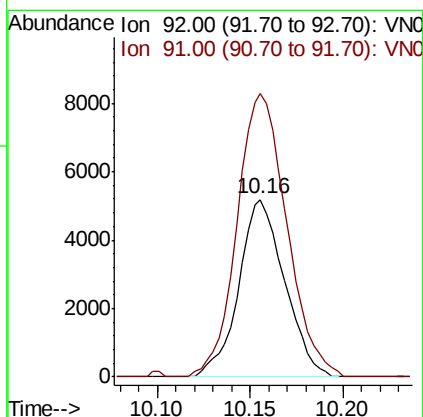
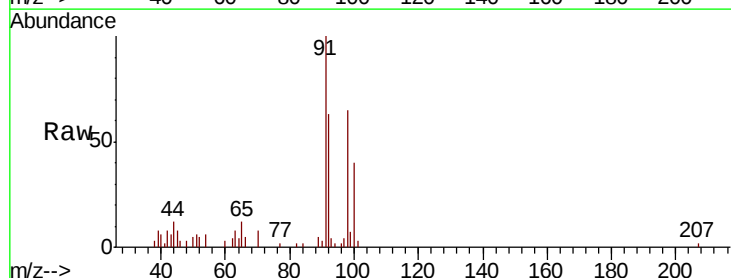
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-2

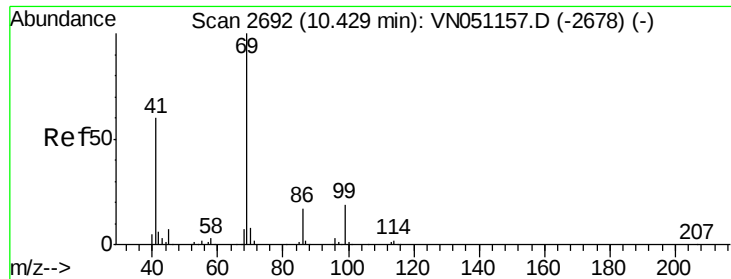
Tot Ion: 43 Resp: 2801
Ion Ratio Lower Upper
43 100
58 33.3 33.5 50.3#



#52
Toluene
Concen: 0.50 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

Tgt Ion: 92 Resp: 8879
Ion Ratio Lower Upper
92 100
91 173.9 139.5 209.3

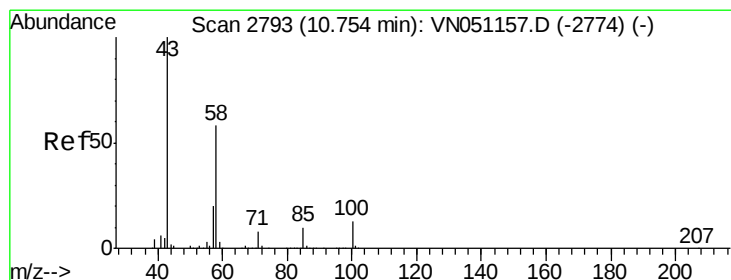
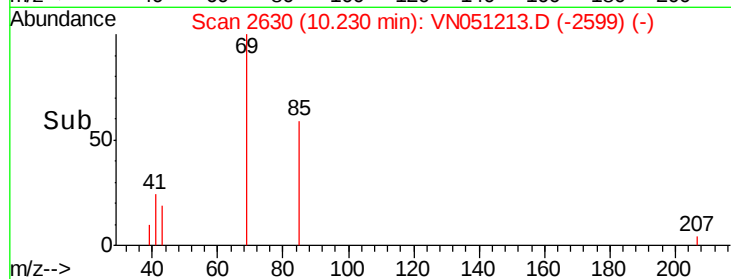
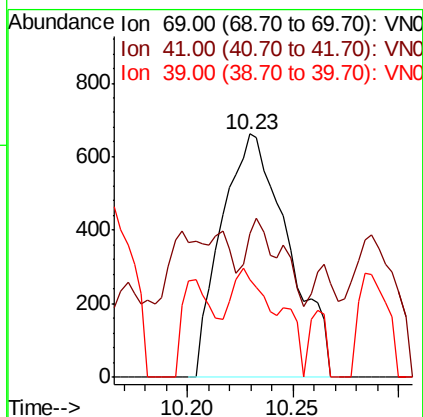
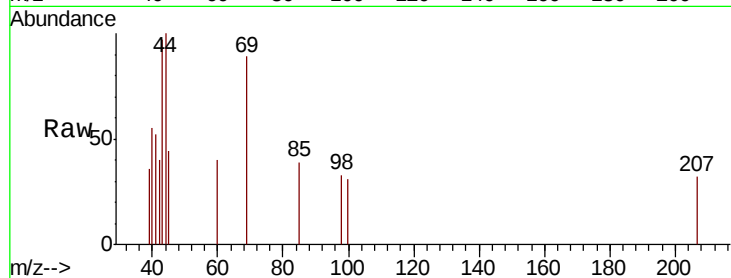




#56
Ethyl methacrylate
Concen: 2.61 ug/l
RT: 10.23 min Scan# 2630
Delta R.T. -0.20 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

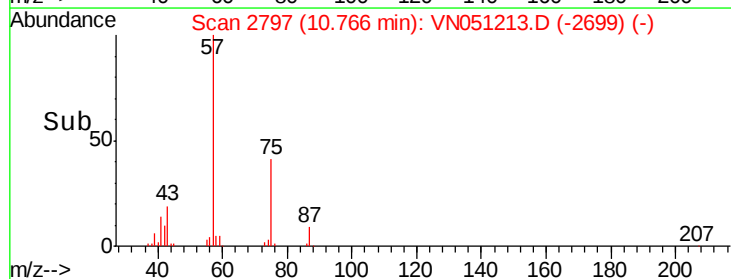
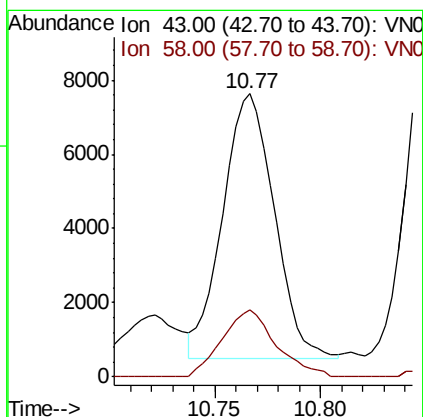
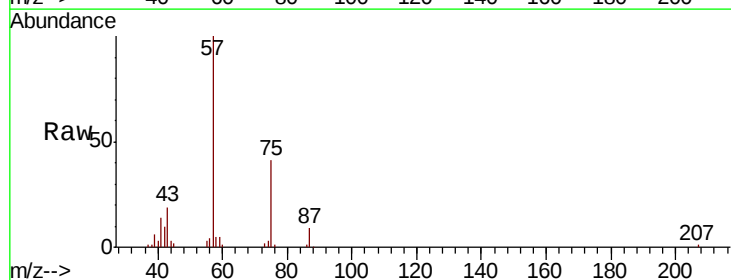
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-2

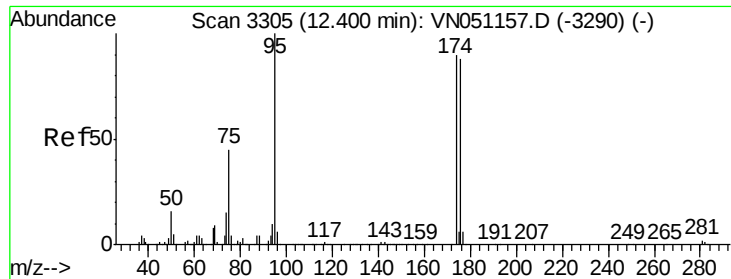
Tot Ion: 69 Resp: 1453
Ion Ratio Lower Upper
69 100
41 28.1 47.8 71.8#
39 24.5 23.0 34.4



#59
2-Hexanone
Concen: 3.24 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

Tgt Ion: 43 Resp: 12079
Ion Ratio Lower Upper
43 100
58 26.6 29.3 88.0#





#62

4-Bromofluorobenzene

Concen: 35.20 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-2

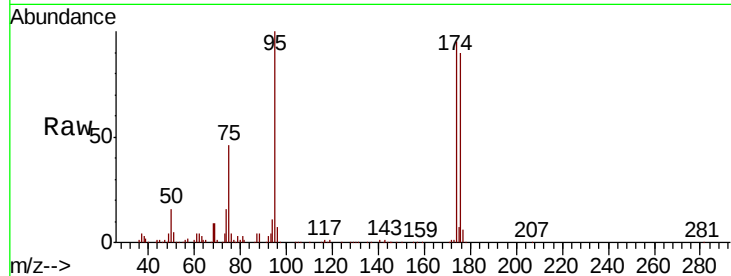
Tot Ion: 95 Resp: 293790

Ion Ratio Lower Upper

95 100

174 94.8 0.0 184.8

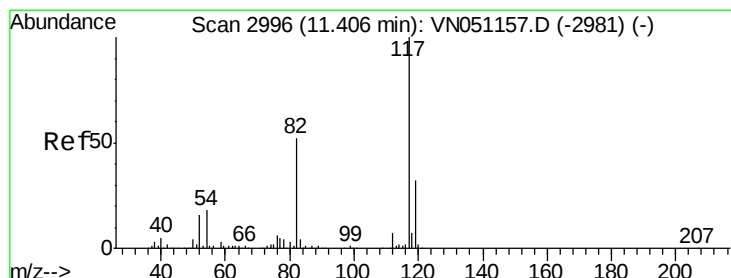
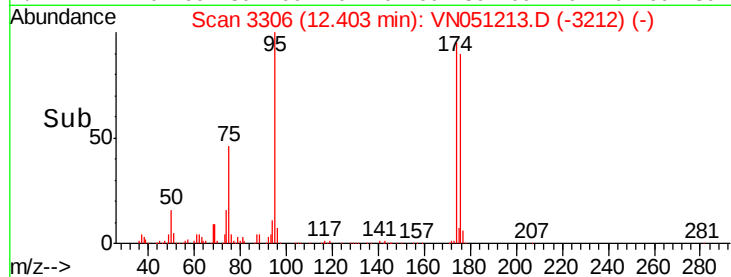
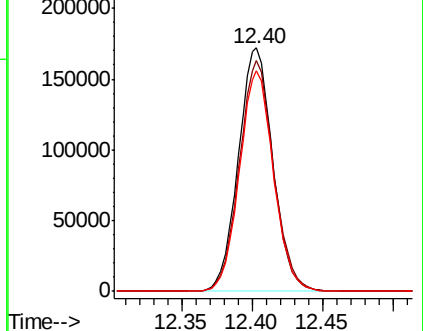
176 89.7 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051157.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051157.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

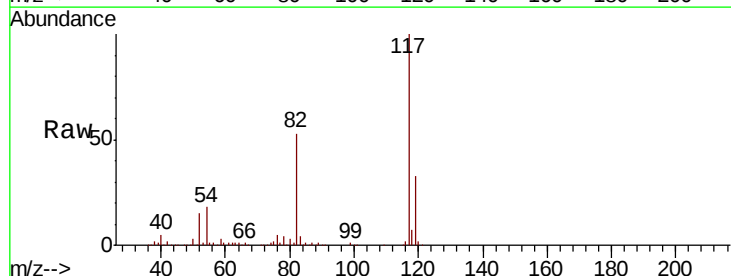
Tgt Ion: 117 Resp: 704381

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.6

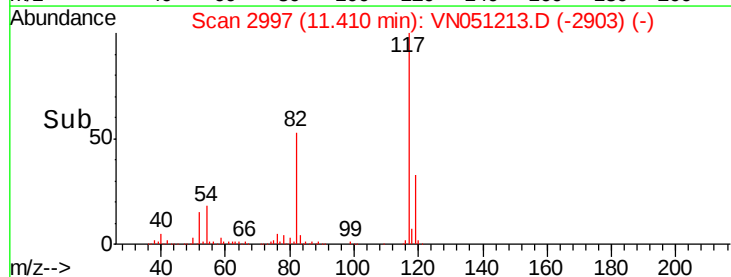
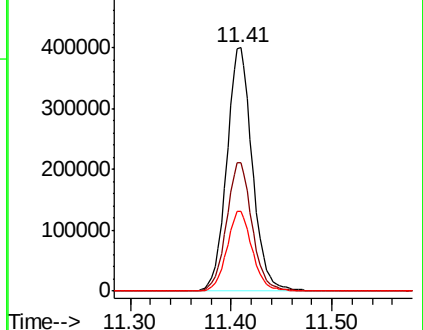
119 32.8 26.2 39.2

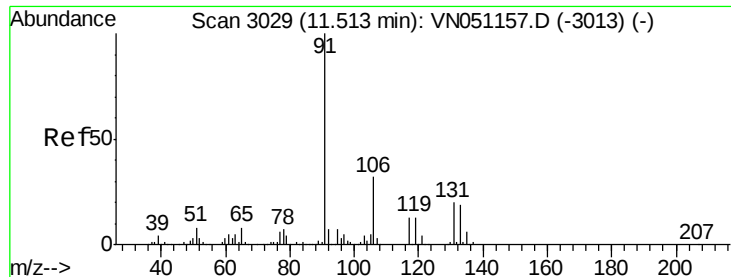


Abundance Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051157.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051157.D (-2981) (-)

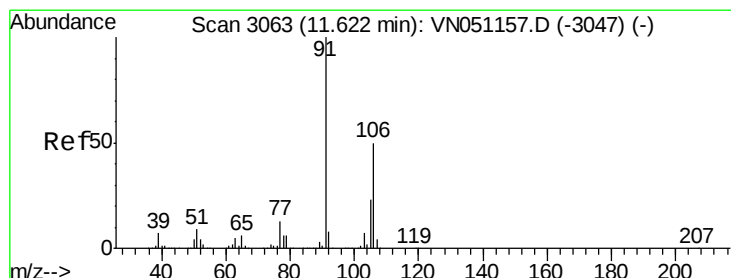
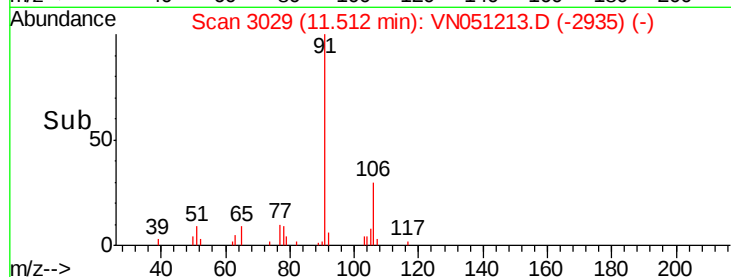
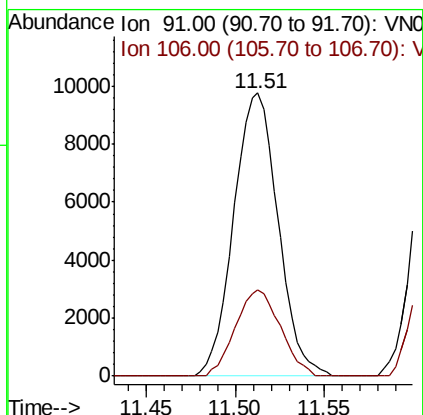
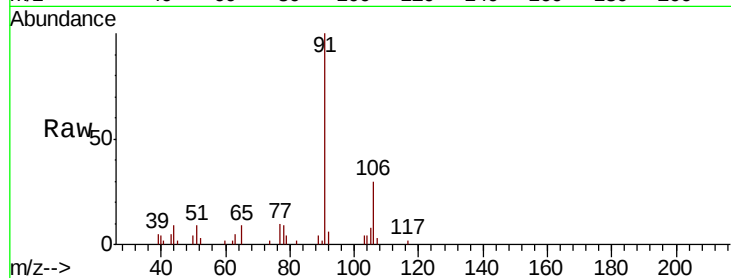




#67
Ethyl Benzene
Concen: 0.59 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

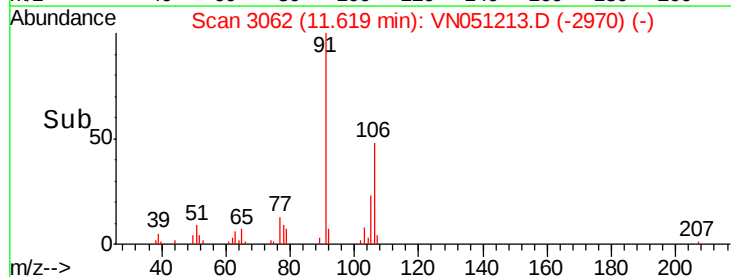
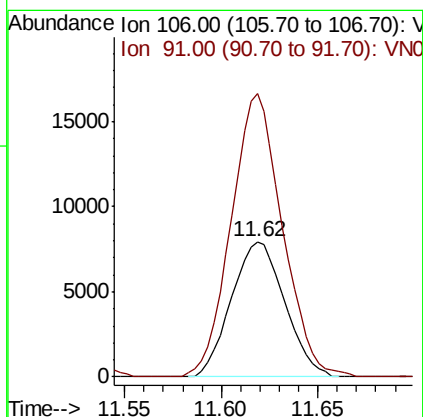
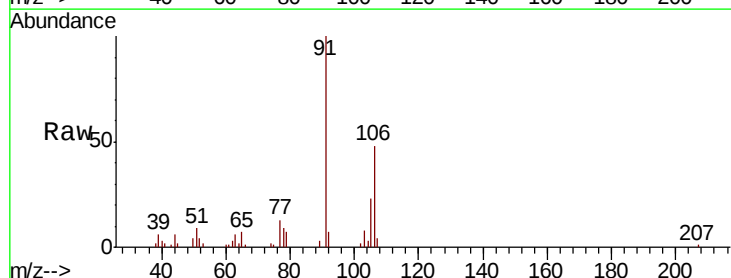
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-2

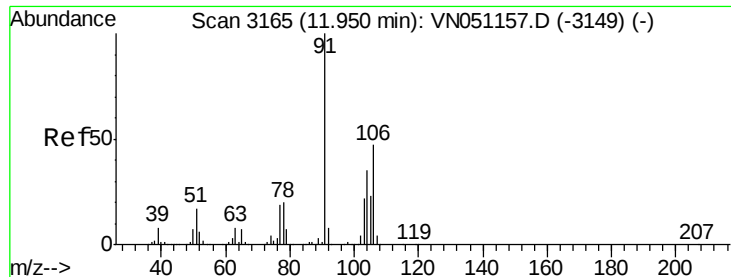
Tot Ion: 91 Resp: 16977
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.2



#68
m/p-Xylenes
Concen: 1.38 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

Tgt Ion:106 Resp: 15233
Ion Ratio Lower Upper
106 100
91 201.3 159.8 239.6

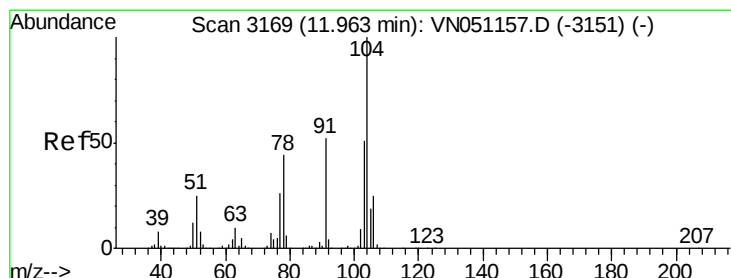
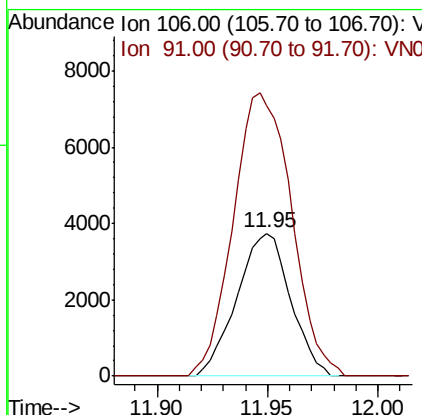
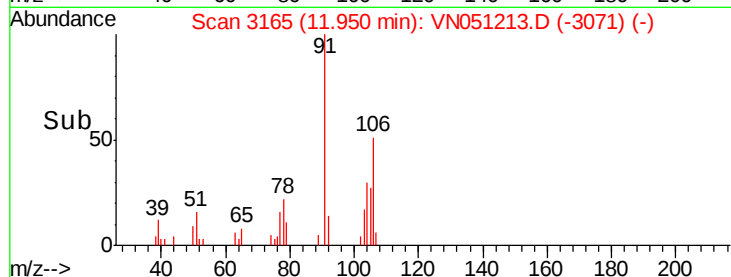
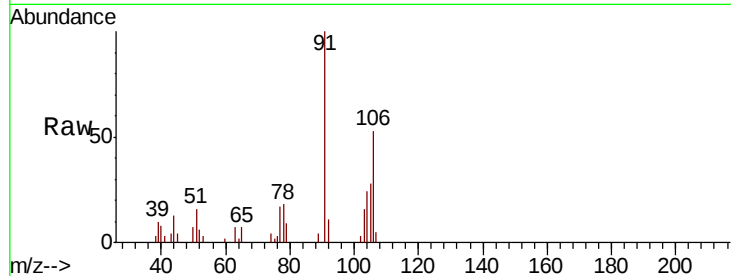




#69
o-Xylene
Concen: 0.59 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

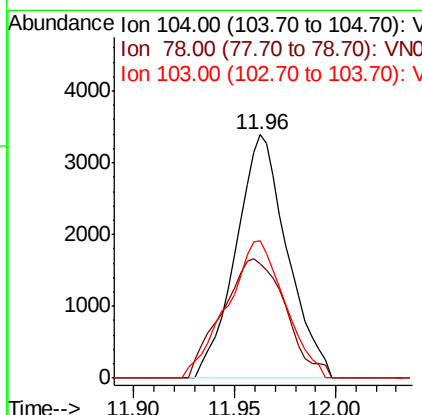
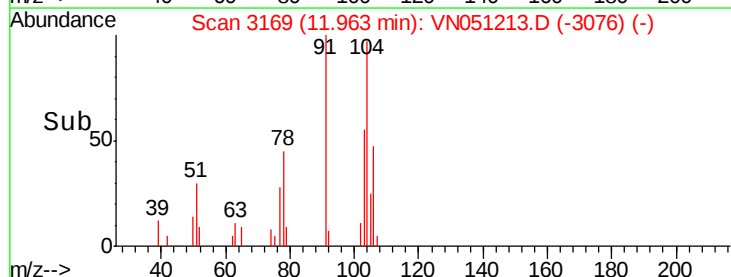
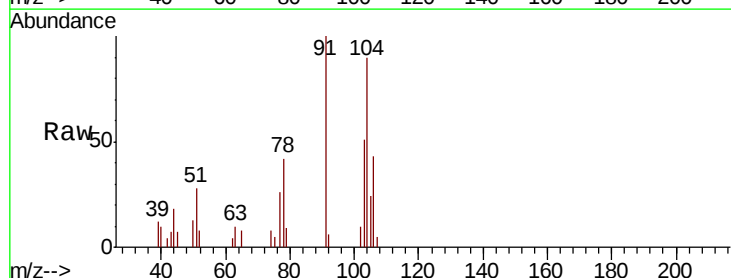
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-2

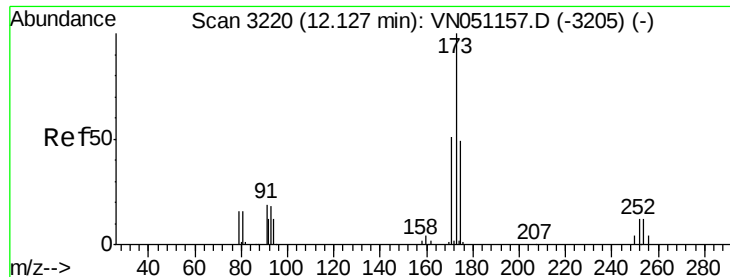
Tot Ion:106 Resp: 6320
Ion Ratio Lower Upper
106 100
91 215.8 105.1 315.1



#70
Styrene
Concen: 0.36 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

Tgt Ion:104 Resp: 6028
Ion Ratio Lower Upper
104 100
78 60.4 37.7 56.5#
103 63.2 44.6 67.0





#71

Bromoform

Concen: 0.43 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-2

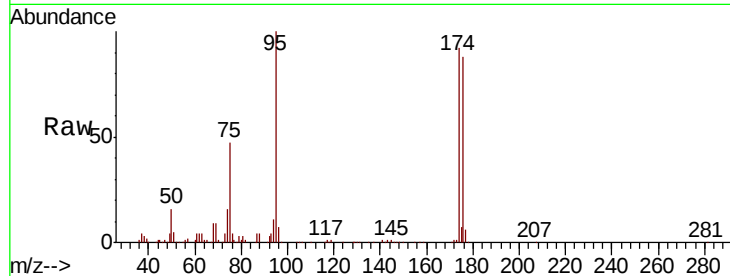
Tot Ion:173 Resp: 1928

Ion Ratio Lower Upper

173 100

175 886.2 24.3 72.9#

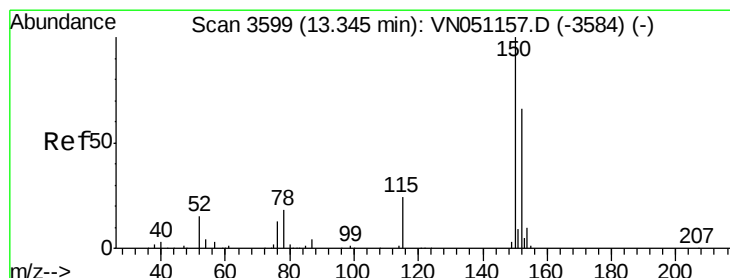
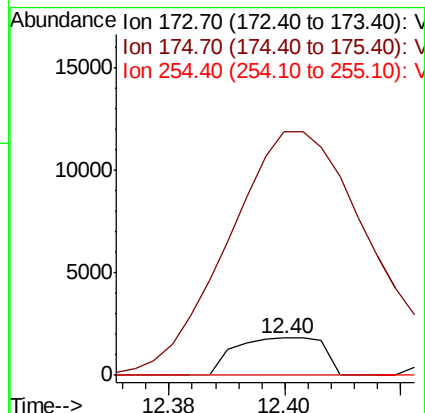
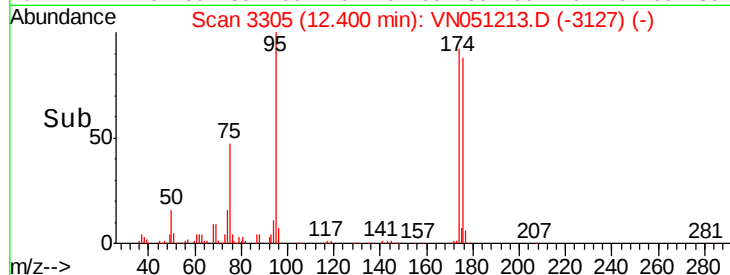
254 0.0 0.0 0.0



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# 3599

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

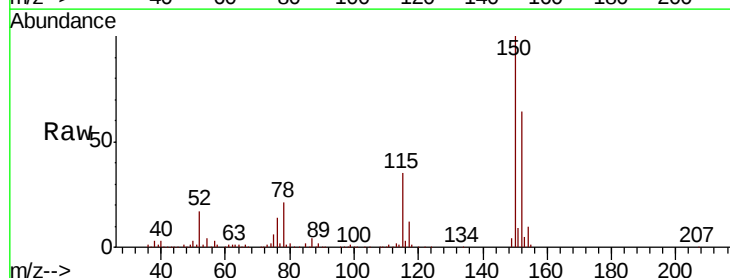
Tgt Ion:152 Resp: 226486

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

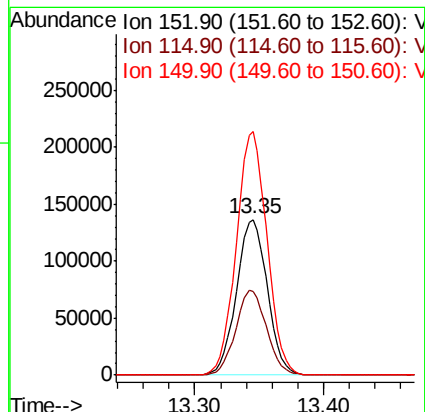
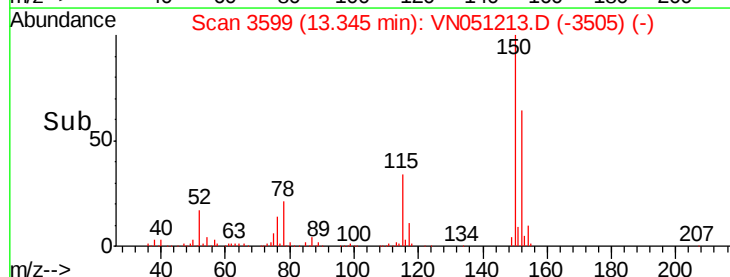
150 155.7 0.0 349.0

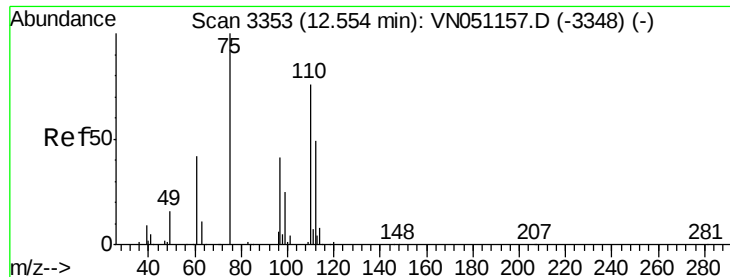


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 38.28 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

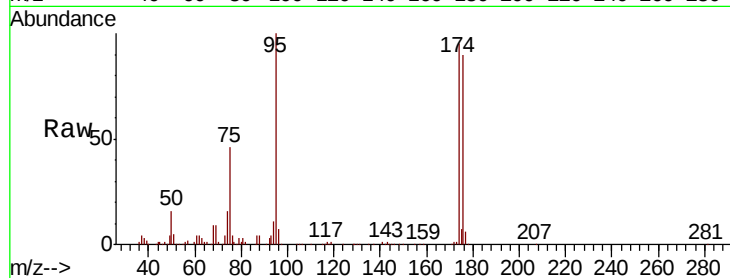
SP-PIT-2

Tot Ion: 75 Resp: 135646

Ion Ratio Lower Upper

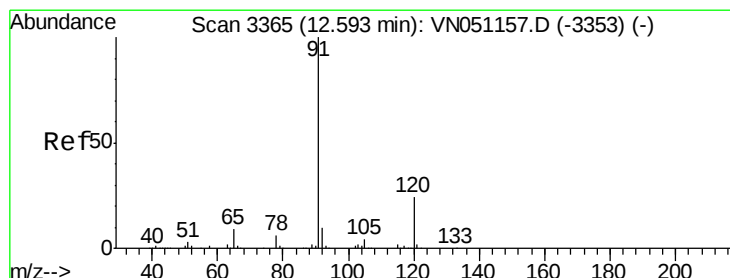
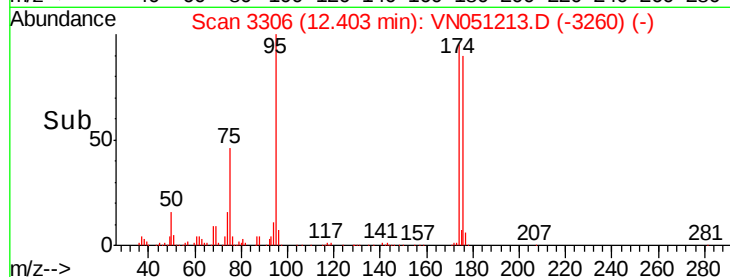
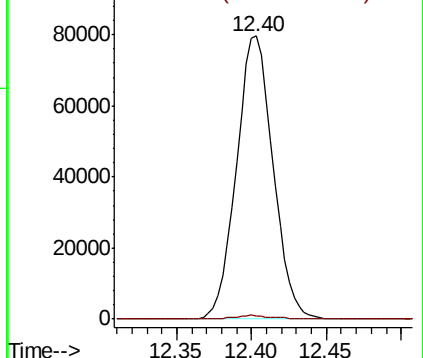
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.33 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051213.D

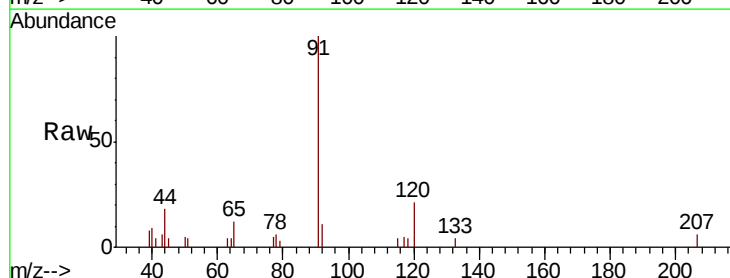
Acq: 15 Sep 2018 1:25

Tgt Ion: 91 Resp: 6941

Ion Ratio Lower Upper

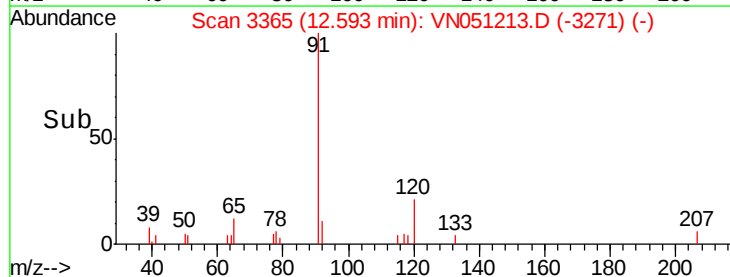
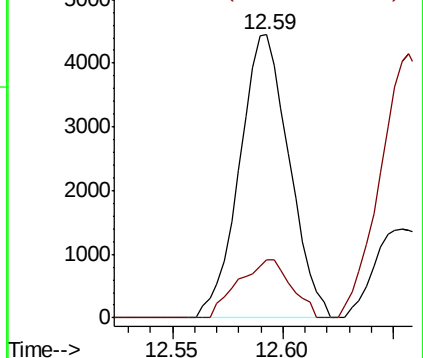
91 100

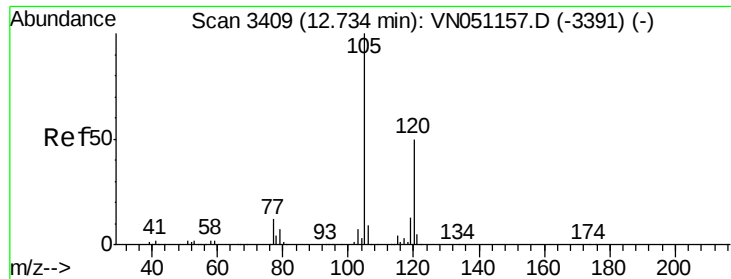
120 21.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.90 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

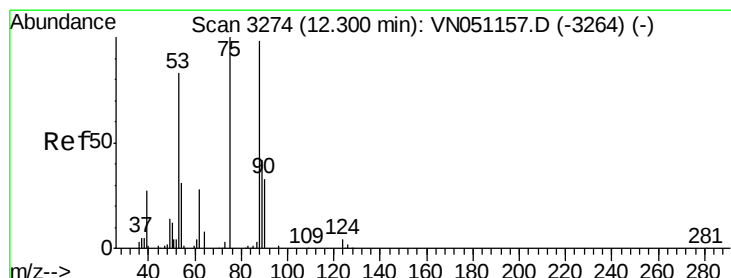
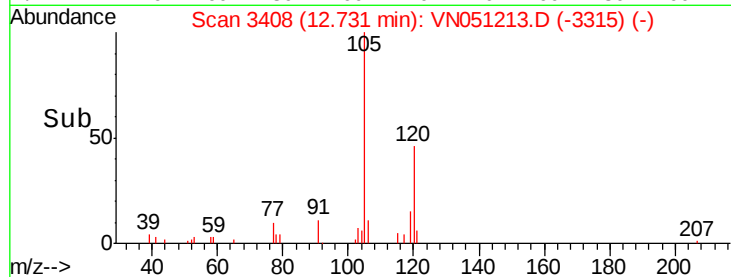
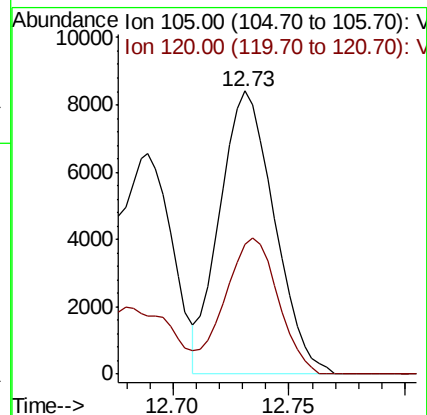
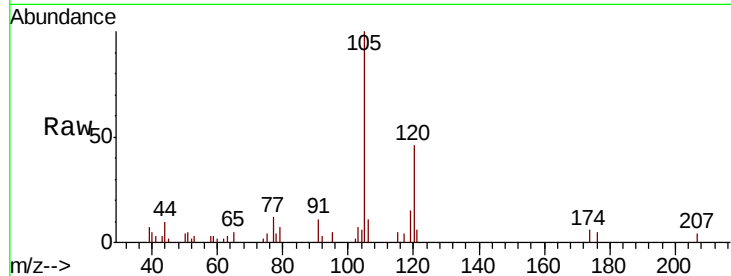
SP-PIT-2

Tot Ion:105 Resp: 13770

Ion Ratio Lower Upper

105 100

120 46.9 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 113.74 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

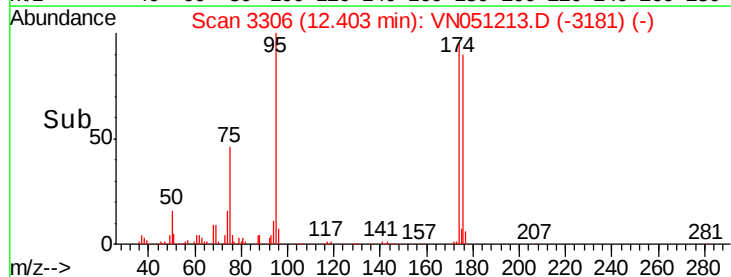
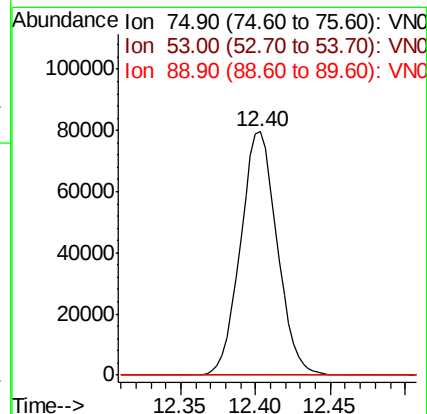
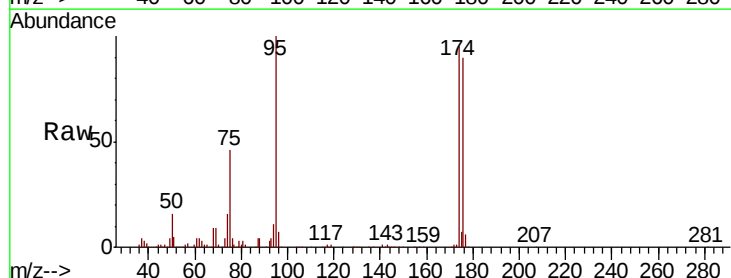
Tgt Ion: 75 Resp: 135646

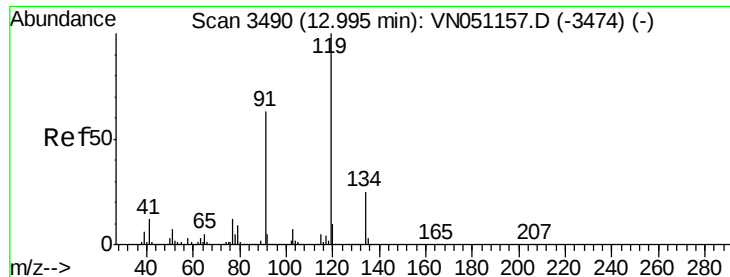
Ion Ratio Lower Upper

75 100

53 0.1 67.8 101.8#

89 0.0 36.0 54.0#

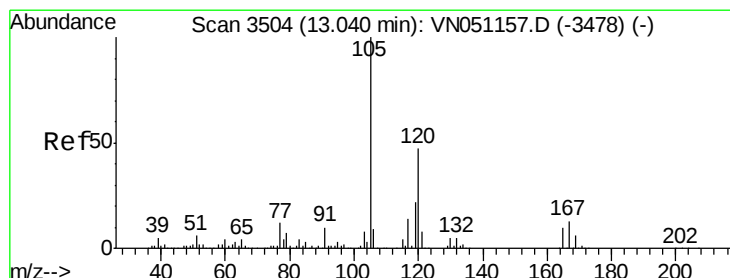
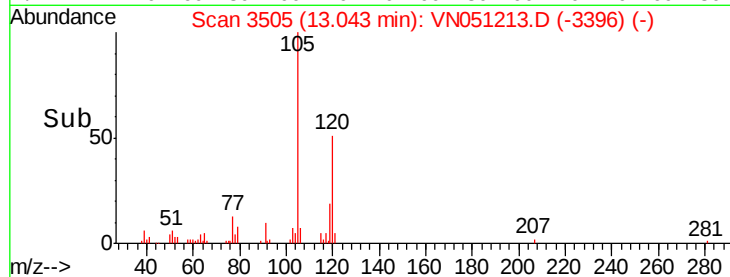
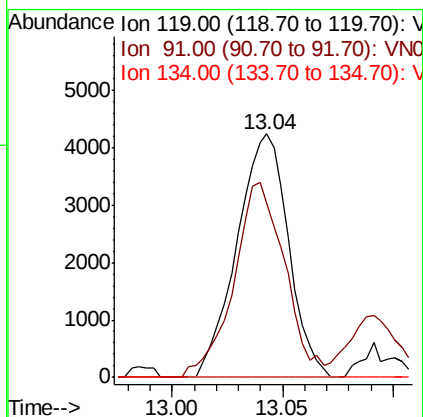
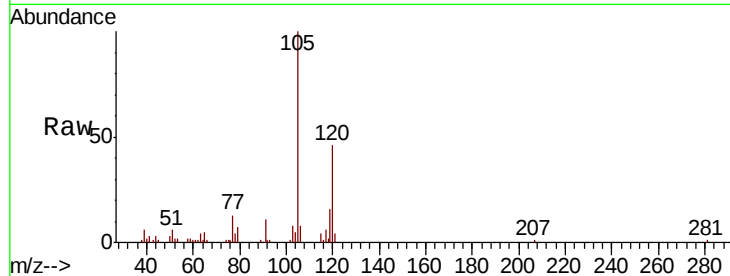




#83
 tert-Butylbenzene
 Concen: 0.51 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN051213.D
 Acq: 15 Sep 2018 1:25

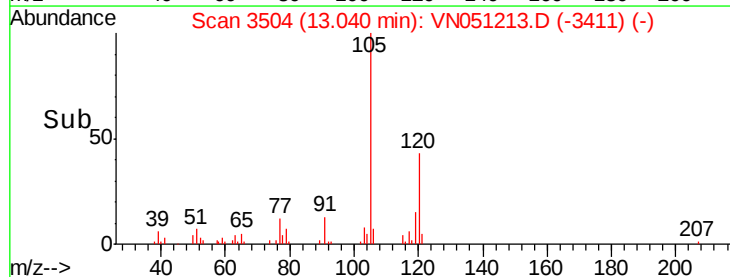
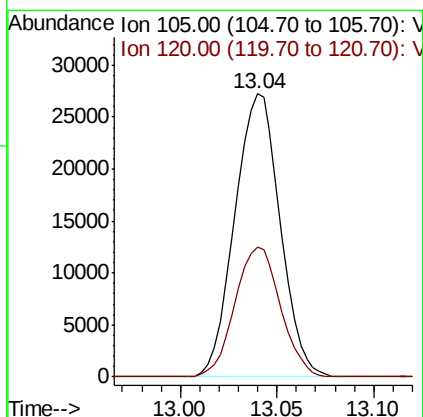
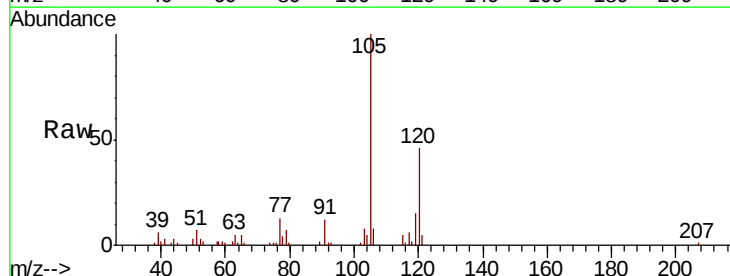
Instrument :
 MSVOA_N
 ClientSampled :
 SP-PIT-2

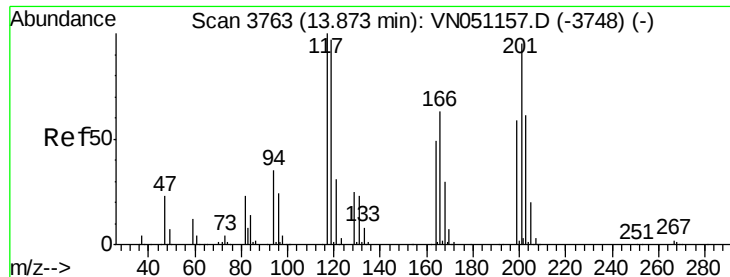
Tot Ion:119 Resp: 6902
 Ion Ratio Lower Upper
 119 100
 91 79.4 30.8 92.3
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.93 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051213.D
 Acq: 15 Sep 2018 1:25

Tgt Ion:105 Resp: 44287
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8

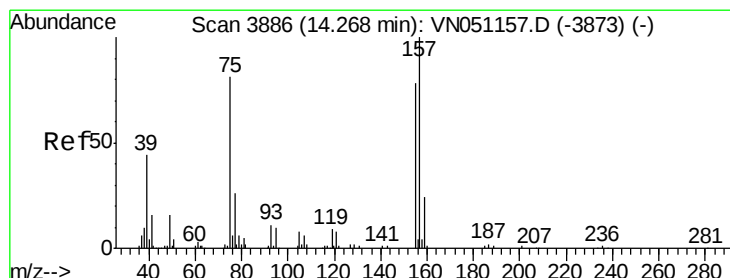
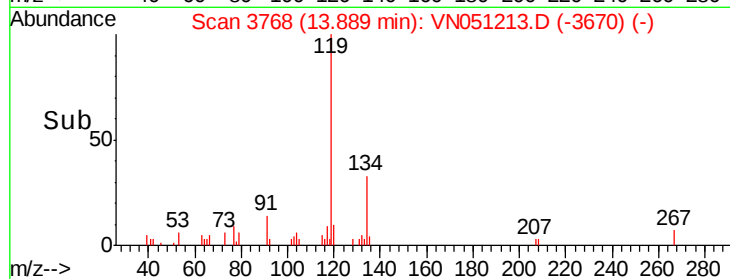
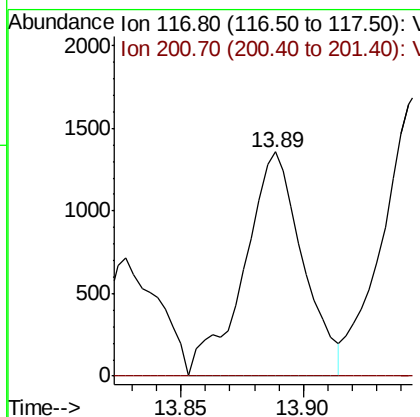
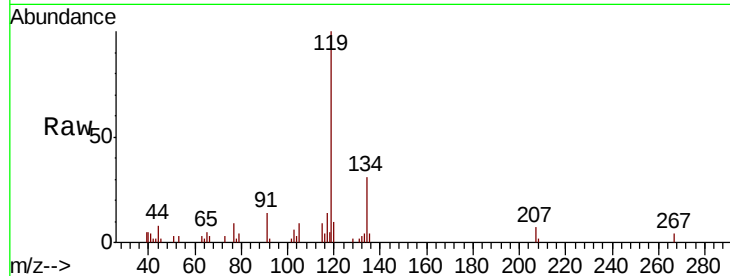




#90
Hexachloroethane
Concen: 0.22 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

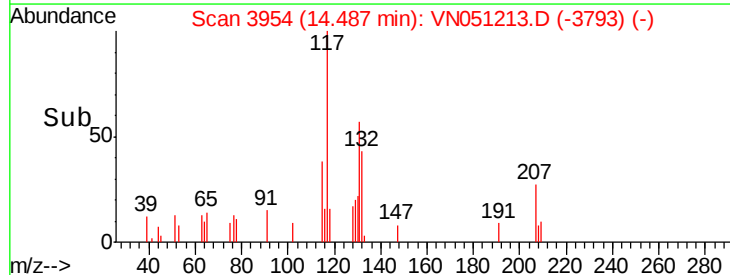
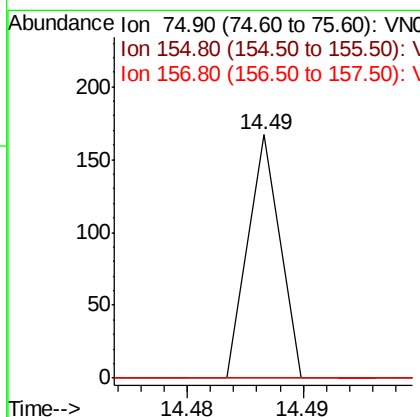
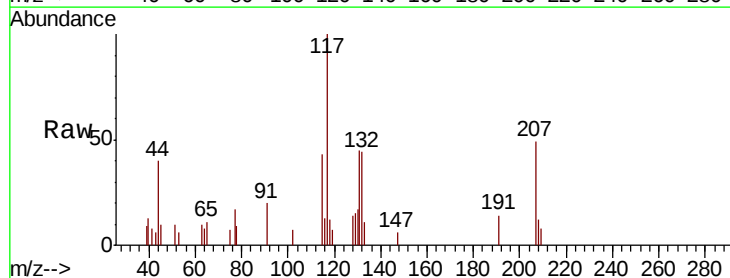
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-2

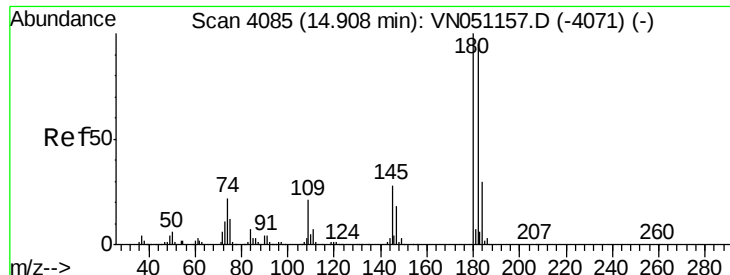
Tot Ion:117 Resp: 2252
Ion Ratio Lower Upper
117 100
201 0.0 47.3 142.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.70 ug/l
RT: 14.49 min Scan# 3954
Delta R.T. 0.22 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

Tgt Ion: 75 Resp: 32
Ion Ratio Lower Upper
75 100
155 0.0 48.7 146.1#
157 0.0 63.6 190.9#

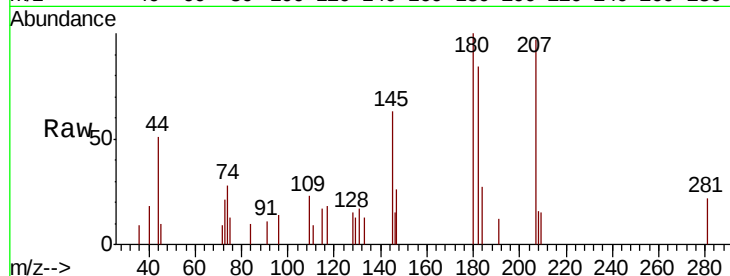




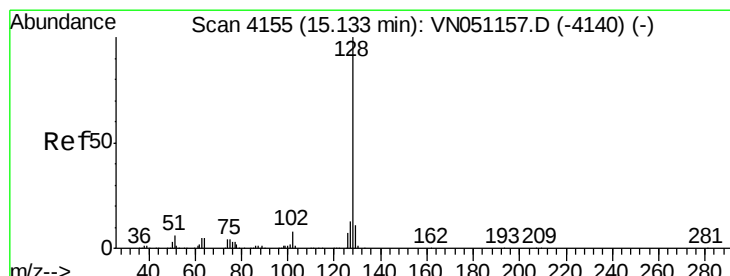
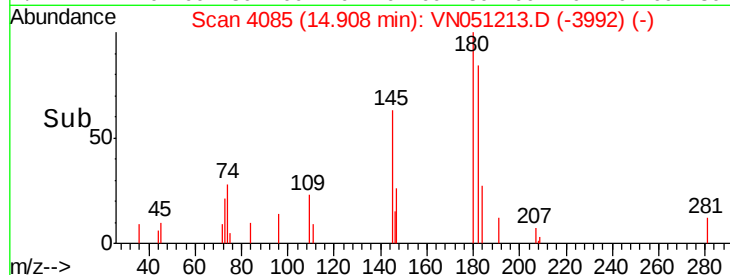
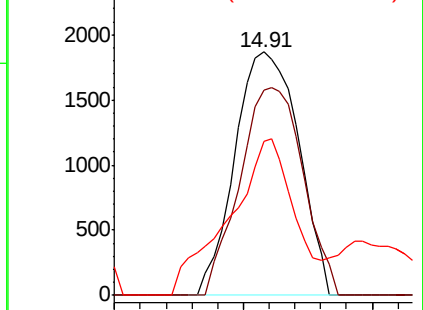
#93
 1,2,4-Trichlorobenzene
 Concen: 4.71 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051213.D
 Acq: 15 Sep 2018 1:25

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-2

Tot Ion:180 Resp: 3217
 Ion Ratio Lower Upper
 180 100
 182 85.0 47.3 141.8
 145 66.1 14.2 42.6#

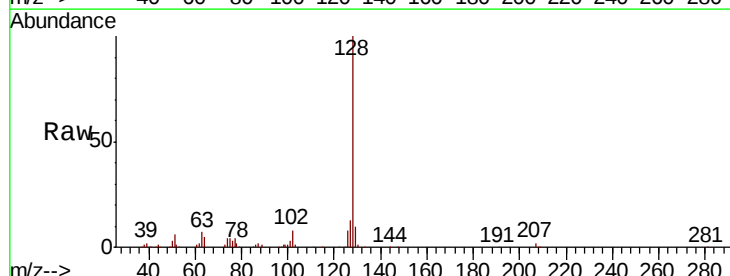


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

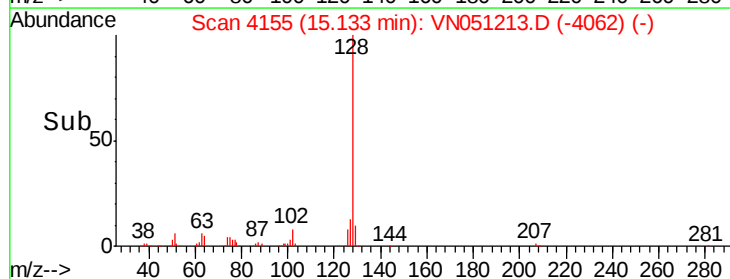
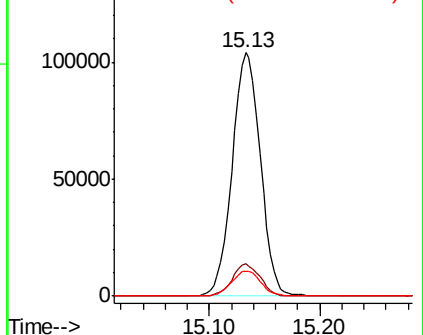


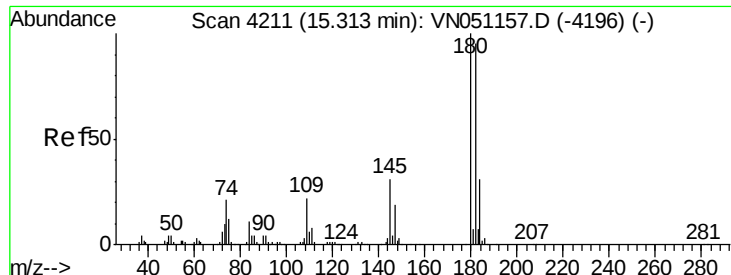
#95
 Naphthalene
 Concen: 24.68 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN051213.D
 Acq: 15 Sep 2018 1:25

Tgt Ion:128 Resp: 184348
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.6 15.8
 129 10.8 8.6 12.8



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





#96
 1,2,3-Trichlorobenzene
 Concen: 3.04 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN051213.D
 Acq: 15 Sep 2018 1:25

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-2

Tot Ion	Ratio	Lower	Upper
180	100		
182	177.7	47.8	143.3#
145	388.8	14.6	43.8#

