

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
 Data File : VN055201.D
 Acq On : 23 Apr 2019 13:05
 Operator : JC/SP
 Sample : K2532-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Apr 24 02:50:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	378419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	668395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	591327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	185289	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	266198	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	7.59	113	214552	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
50) Toluene-d8	10.09	98	794370	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.40	95	249231	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.81	59	69	0.231	ug/l #	71
16) Acetone	3.83	43	8659	5.114	ug/l	94
17) Carbon Disulfide	4.05	76	6042	0.555	ug/l	98
18) Methyl Acetate	4.33	43	5822	0.484	ug/l	95
20) Methylene Chloride	4.56	84	84560	17.371	ug/l	92
25) 2-Butanone	6.84	43	1142	0.522	ug/l #	53
29) Tetrahydrofuran	7.22	42	2354	1.751	ug/l #	67
30) Chloroform	7.37	83	6115	0.779	ug/l	91
31) Cyclohexane	7.67	56	9123	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	27996	4.513	ug/l #	50
38) Carbon Tetrachloride	7.67	117	34547	5.947	ug/l #	17
41) Methacrylonitrile	7.21	41	551	0.210	ug/l #	38
43) Isopropyl Acetate	8.18	43	17246	2.127	ug/l #	89
47) Bromodichloromethane	9.40	83	1309	0.211	ug/l #	77
48) Methyl methacrylate	9.18	41	6867	1.746	ug/l #	32
49) 1,4-Dioxane	9.26	88	59	1.299	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5720	1.226	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	50854	7.208	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	9761	1.355	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	192	11.374	ug/l #	51
59) 2-Hexanone	10.76	43	164371	55.780	ug/l #	55
68) m/p-Xylenes	11.62	106	2216	0.287	ug/l	87
73) Isopropylbenzene	12.24	105	663	Below Cal	#	67
74) N-amyl acetate	11.88	43	14829	3.104	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.41	83	31	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	127301	33.866	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4385	0.316	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	127301	128.378	ug/l #	5
83) tert-Butylbenzene	13.04	119	852	Below Cal	#	79
84) 1,2,4-Trimethylbenzene	13.04	105	7932	0.606	ug/l	98
93) 1,2,4-Trichlorobenzene	14.90	180	32	2.749	ug/l #	1
95) Naphthalene	15.13	128	21148	6.700	ug/l	98

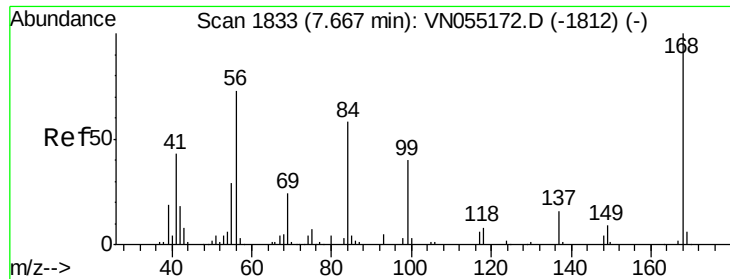
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055201.D
Acq On : 23 Apr 2019 13:05
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QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

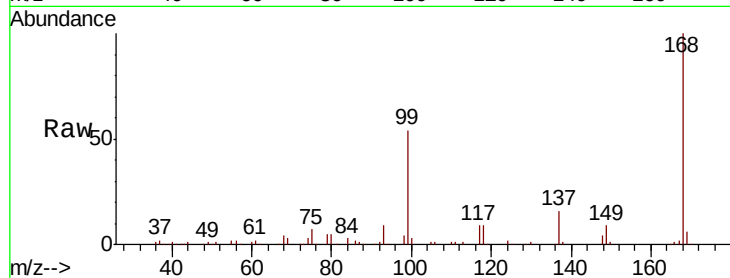
TP-3

Tgt Ion: 168 Resp: 378419

Ion Ratio Lower Upper

168 100

99 54.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

150000

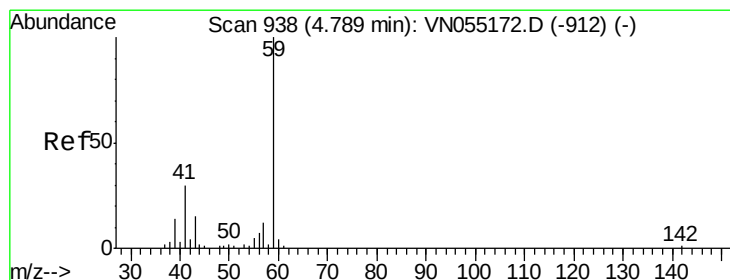
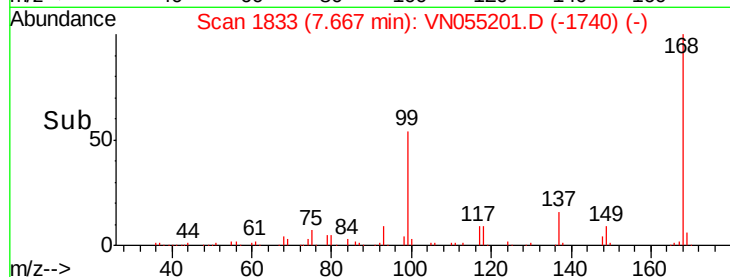
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.231 ug/l

RT: 4.81 min Scan# 946

Delta R.T. 0.03 min

Lab File: VN055201.D

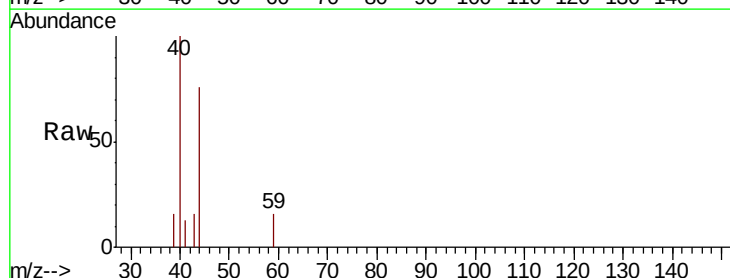
Acq: 23 Apr 2019 13:05

Tgt Ion: 59 Resp: 69

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VN055172.D (-912) (-)

Ion 57.00 (56.70 to 57.70): VN055172.D (-912) (-)

4.81

200

150

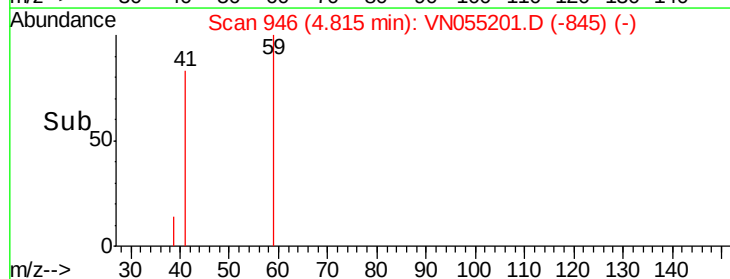
100

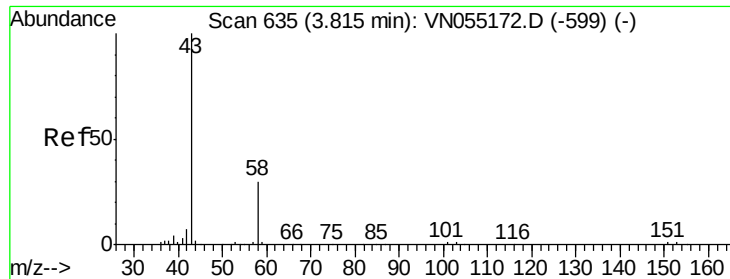
50

0

4.81 4.82 4.83

Time-->





#16

Acetone

Concen: 5.114 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

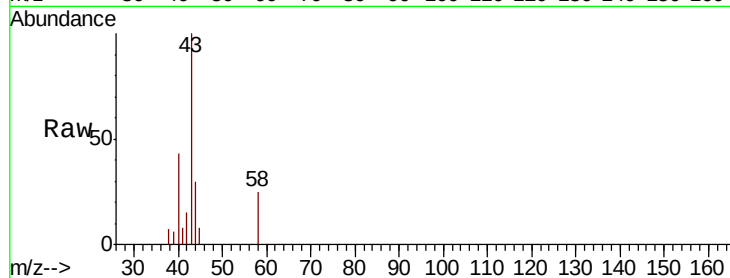
TP-3

Tgt Ion: 43 Resp: 8659

Ion Ratio Lower Upper

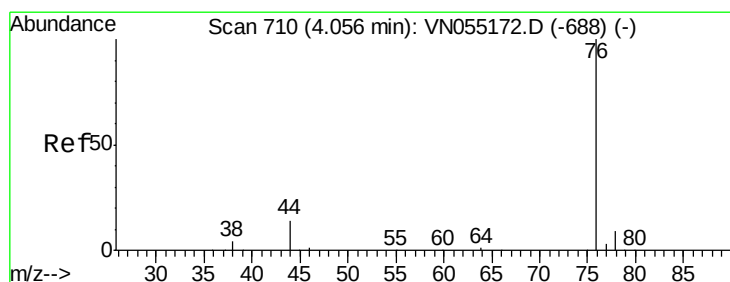
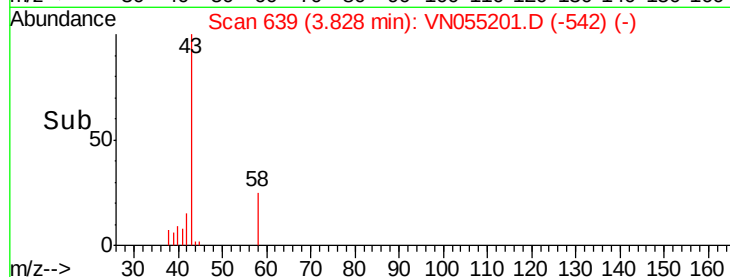
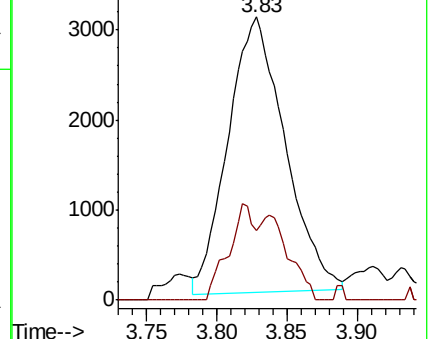
43 100

58 26.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.555 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VN055201.D

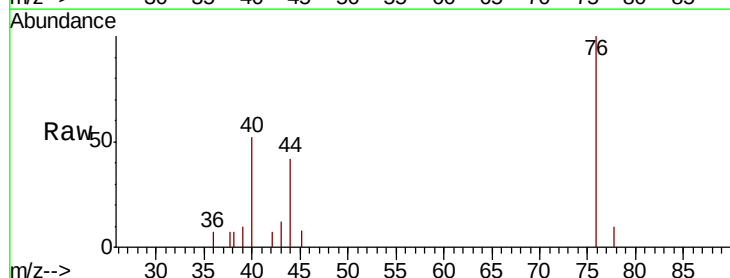
Acq: 23 Apr 2019 13:05

Tgt Ion: 76 Resp: 6042

Ion Ratio Lower Upper

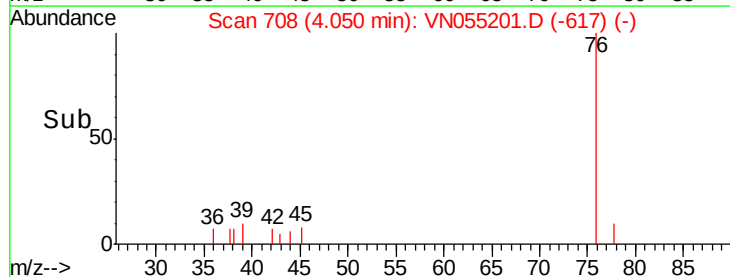
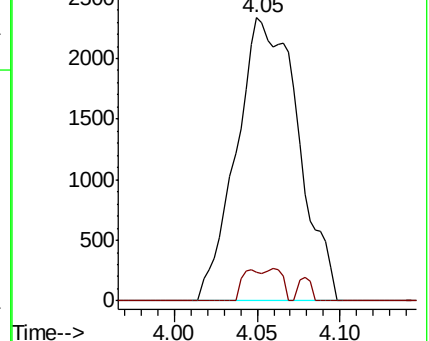
76 100

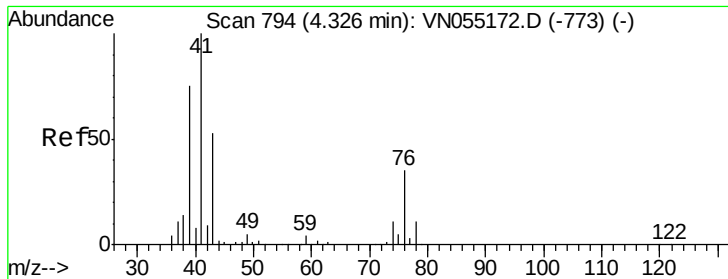
78 9.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

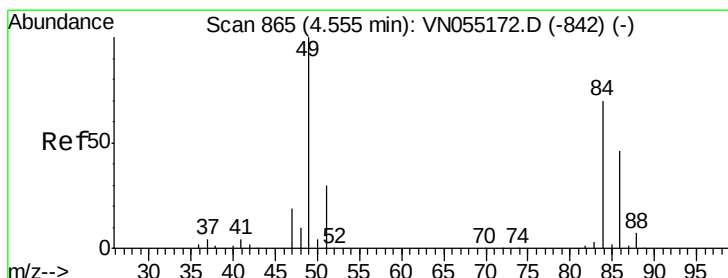
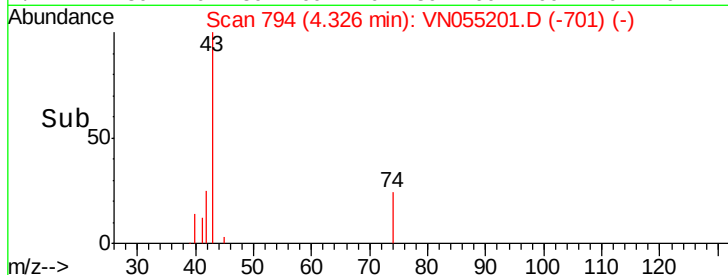
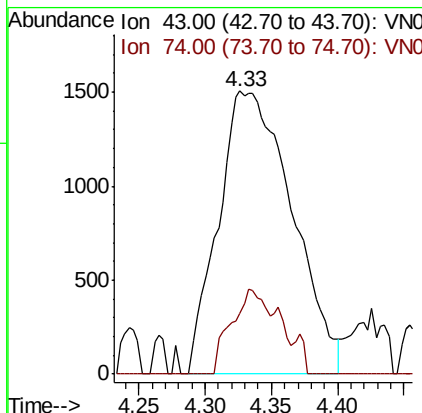
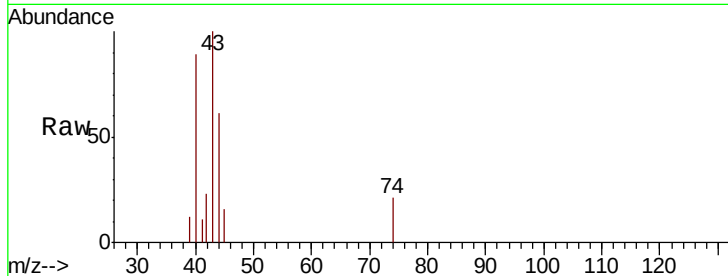




#18
Methyl Acetate
Concen: 0.484 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055201.D
Acq: 23 Apr 2019 13:05

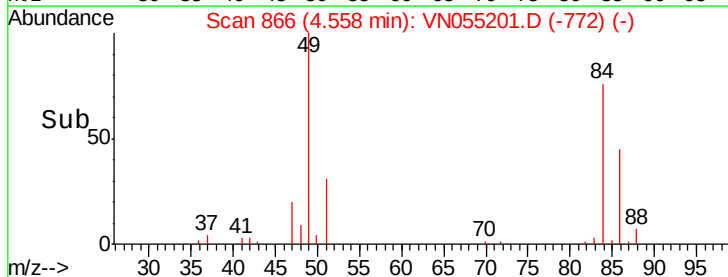
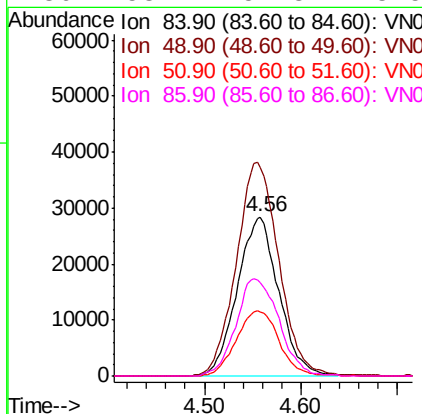
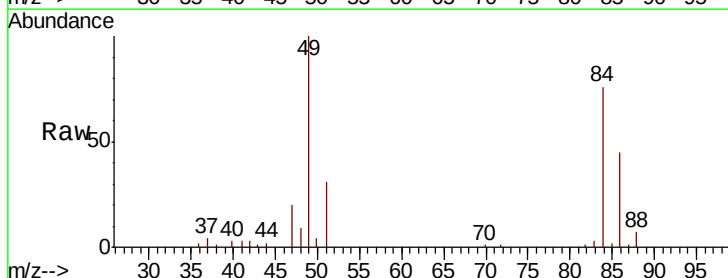
Instrument :
MSVOA_N
ClientSampleId :
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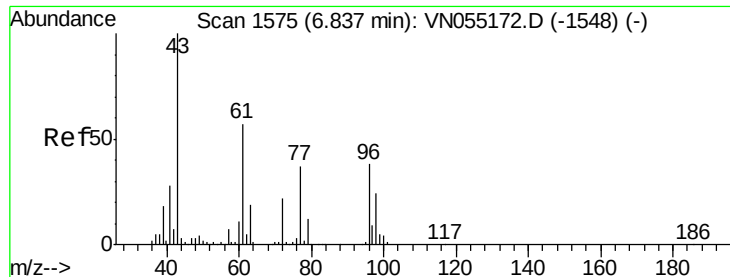
Tgt Ion: 43 Resp: 5822
Ion Ratio Lower Upper
43 100
74 18.6 16.7 25.1



#20
Methylene Chloride
Concen: 17.371 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055201.D
Acq: 23 Apr 2019 13:05

Tgt Ion: 84 Resp: 84560
Ion Ratio Lower Upper
84 100
49 130.9 113.8 170.6
51 40.3 34.0 51.0
86 58.4 52.3 78.5





#25

2-Butanone

Concen: 0.522 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

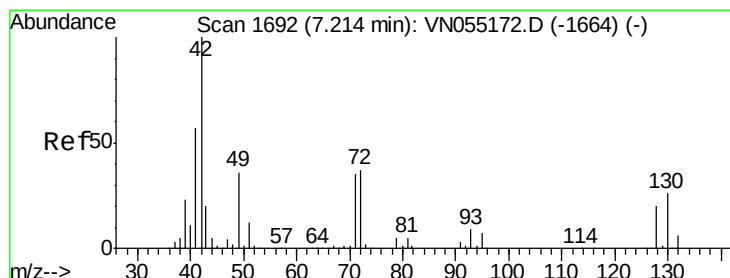
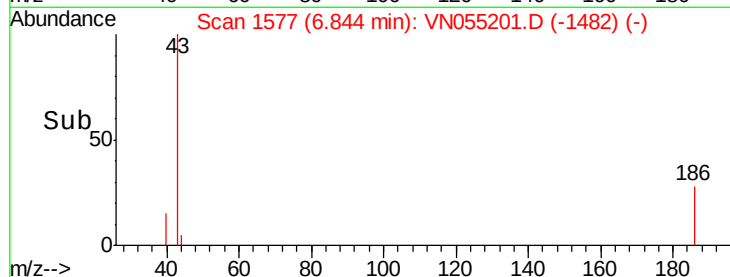
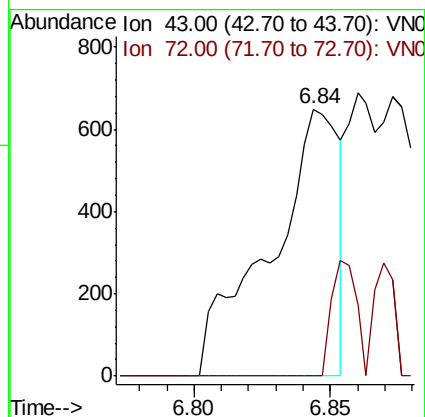
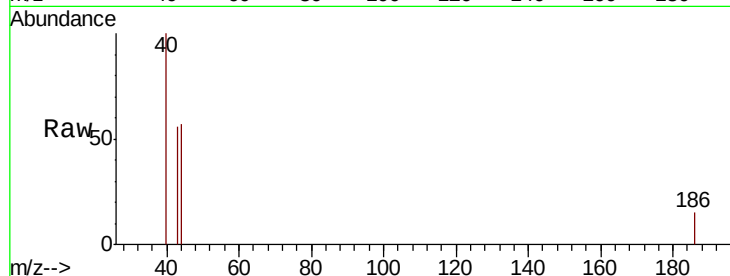
TP-3

Tgt Ion: 43 Resp: 1142

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.8#



#29

Tetrahydrofuran

Concen: 1.751 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

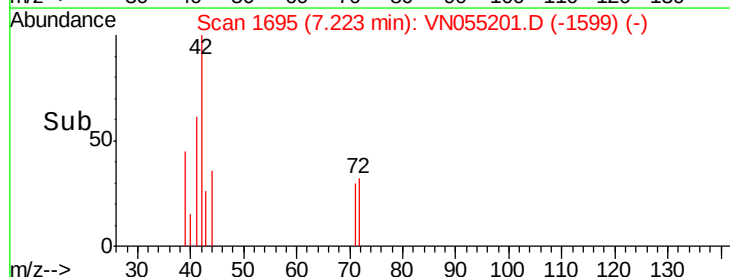
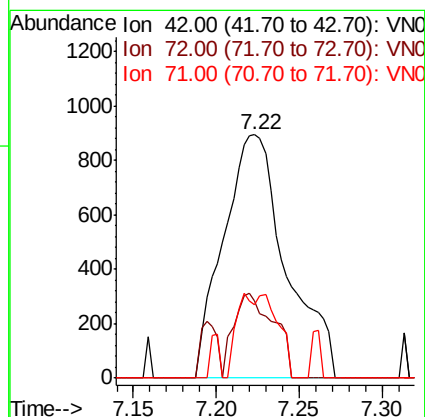
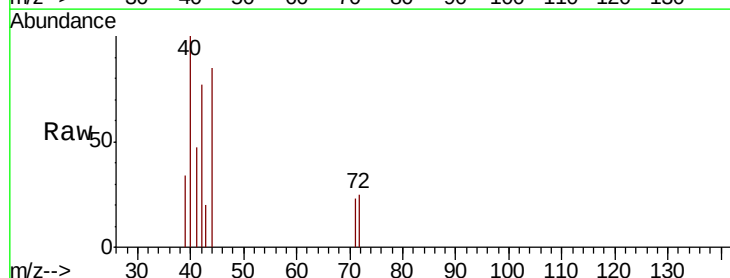
Tgt Ion: 42 Resp: 2354

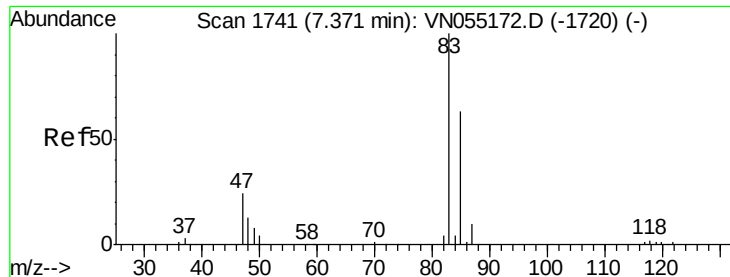
Ion Ratio Lower Upper

42 100

72 22.4 29.4 44.2#

71 10.7 27.8 41.8#

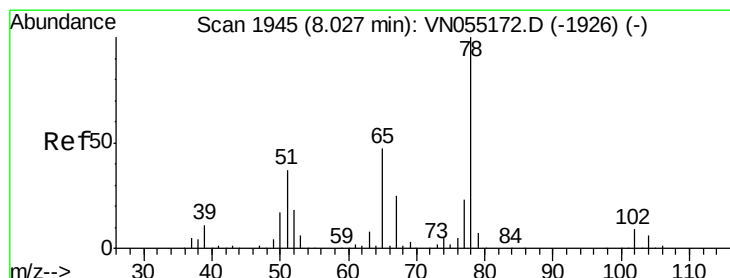
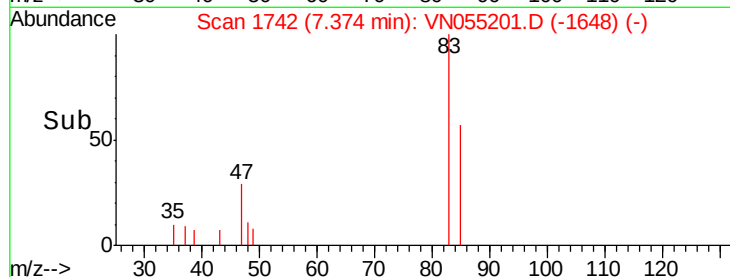
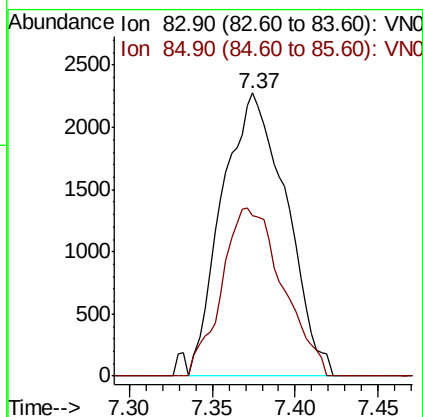
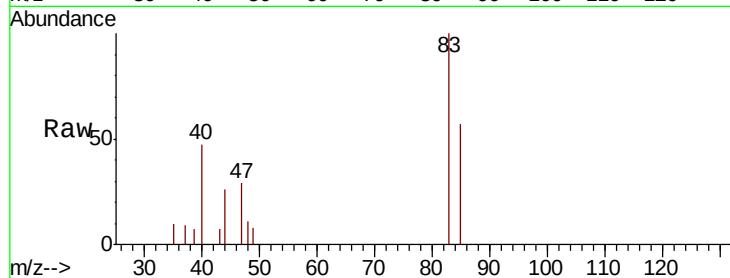




#30
Chloroform
Concen: 0.779 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055201.D
Acq: 23 Apr 2019 13:05

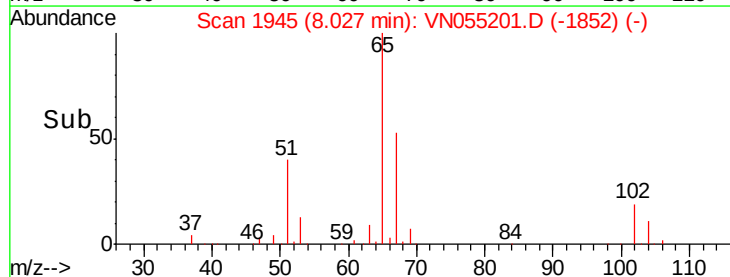
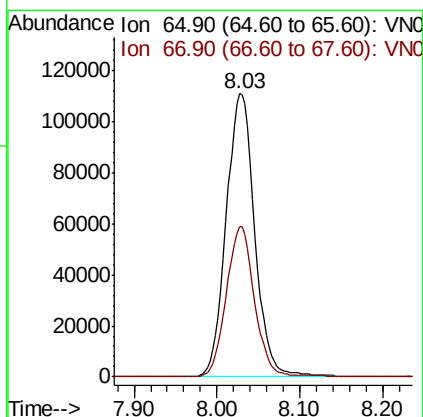
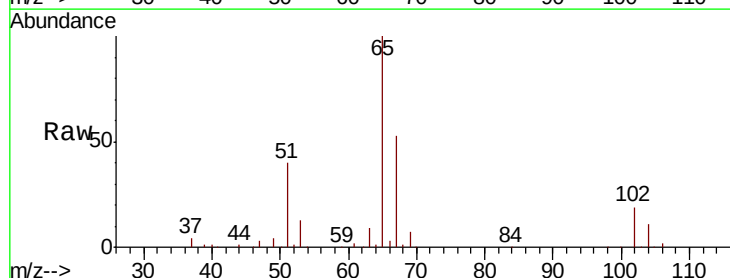
Instrument :
MSVOA_N
ClientSampled :
TP-3

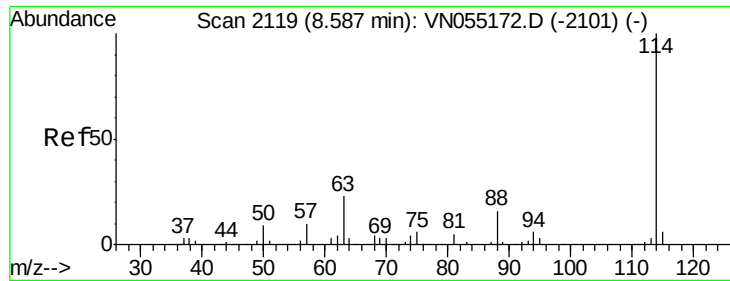
Tgt Ion: 83 Resp: 6115
Ion Ratio Lower Upper
83 100
85 56.5 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 51.972 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055201.D
Acq: 23 Apr 2019 13:05

Tgt Ion: 65 Resp: 266198
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.6

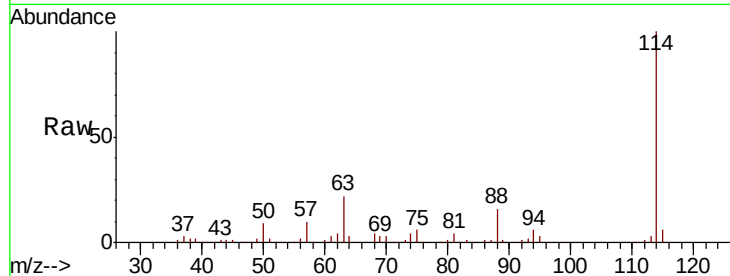




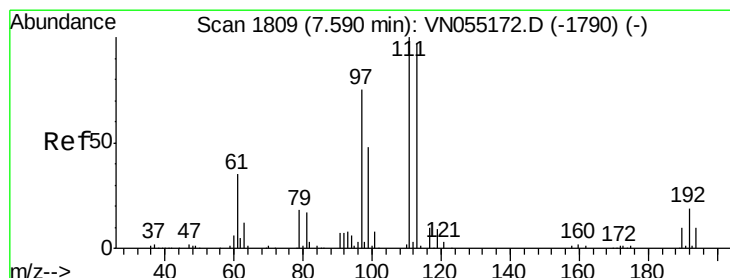
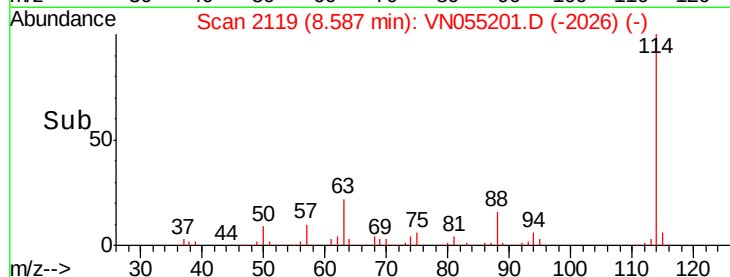
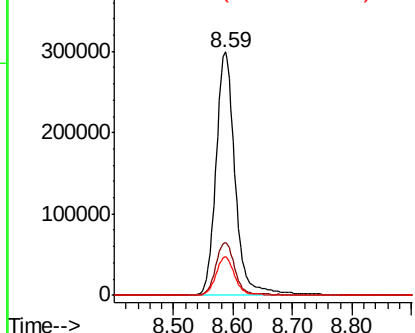
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Tgt Ion:114 Resp: 668395
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.2
 88 16.1 0.0 32.8

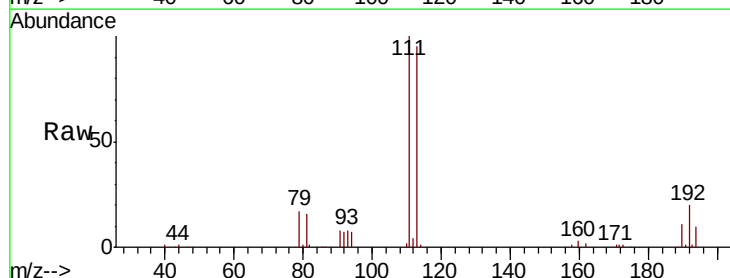


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

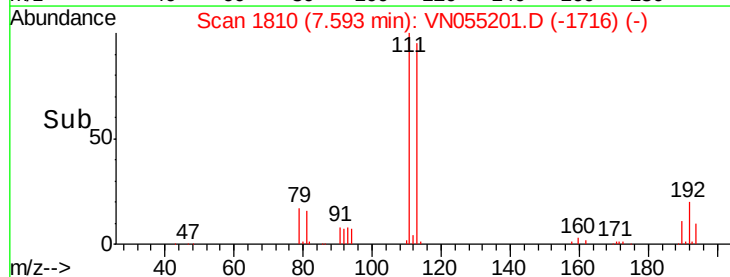
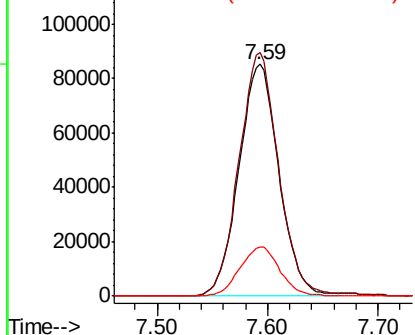


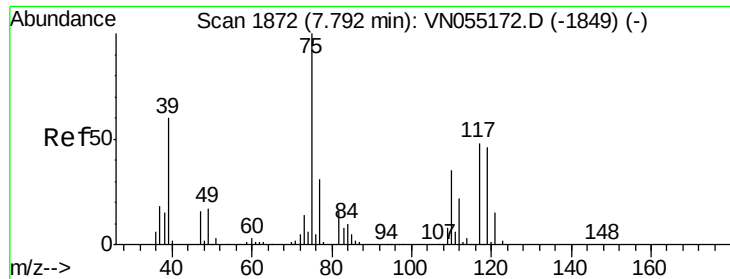
#35
 Dibromofluoromethane
 Concen: 47.251 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

Tgt Ion:113 Resp: 214552
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.0 121.4
 192 21.1 16.2 24.4



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

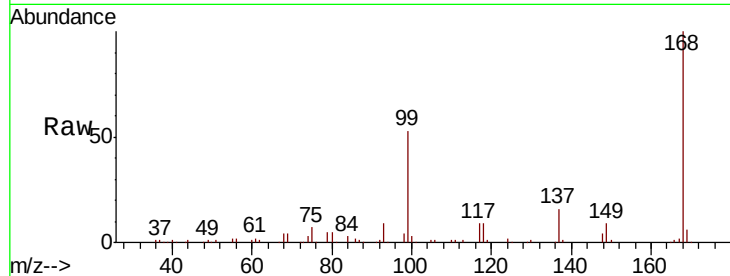




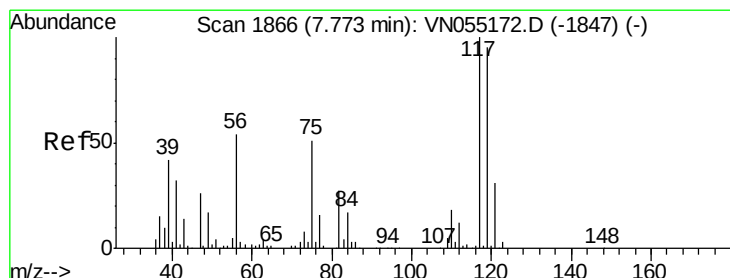
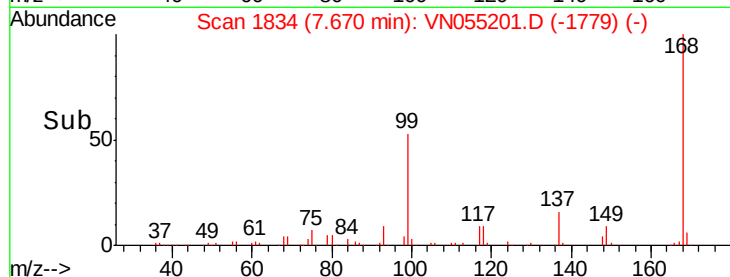
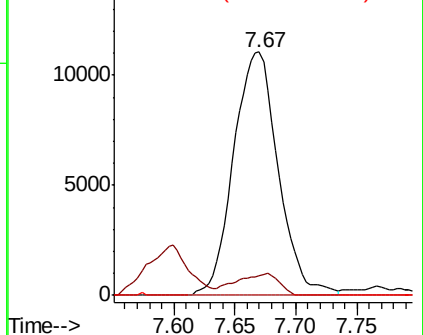
#36
 1,1-Dichloropropene
 Concen: 4.513 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

Tgt Ion: 75 Resp: 27996
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.1 51.2#
 77 0.0 24.6 36.8#

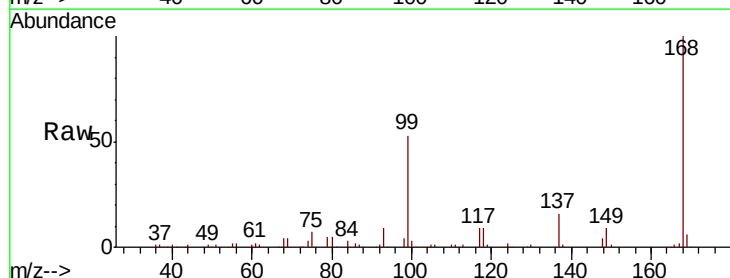


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

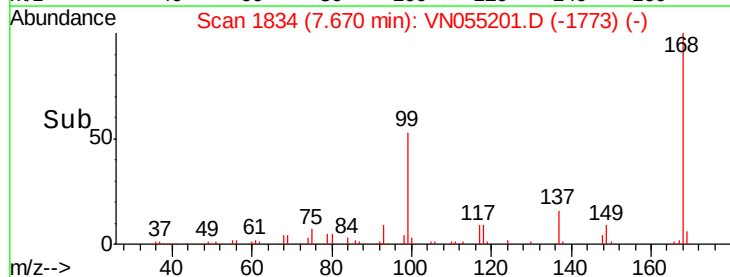
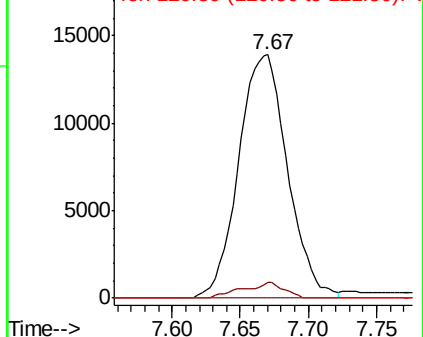


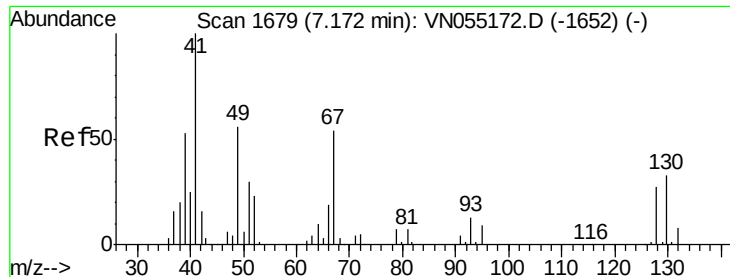
#38
 Carbon Tetrachloride
 Concen: 5.947 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.10 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

Tgt Ion: 117 Resp: 34547
 Ion Ratio Lower Upper
 117 100
 119 6.4 76.0 114.0#
 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

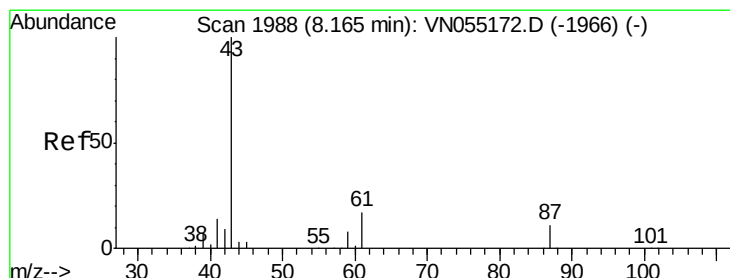
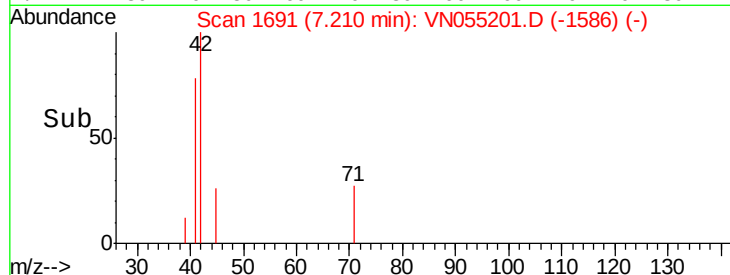
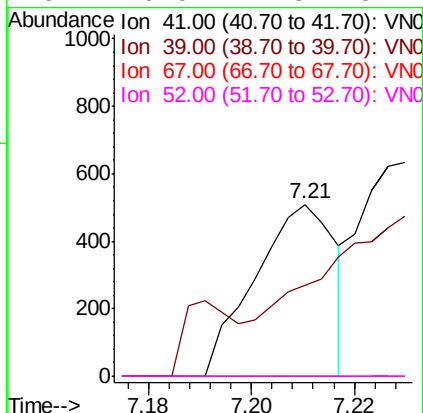
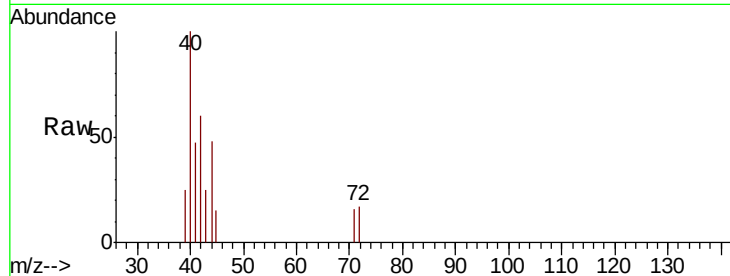




#41
Methacrylonitrile
Concen: 0.210 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN055201.D
Acq: 23 Apr 2019 13:05

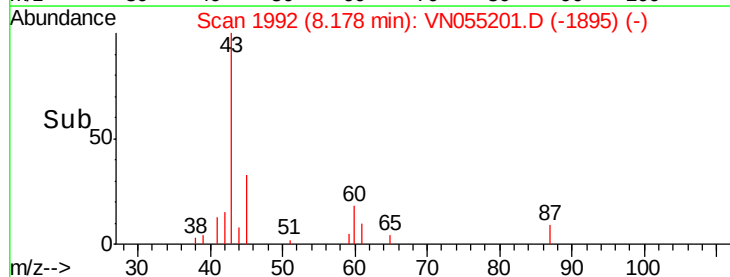
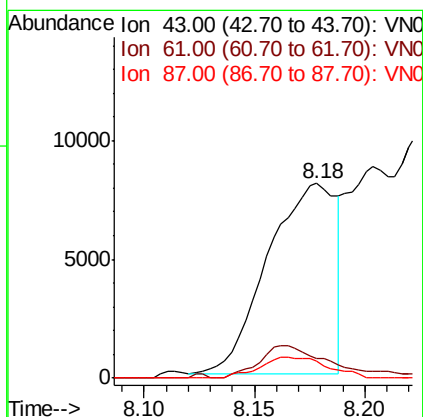
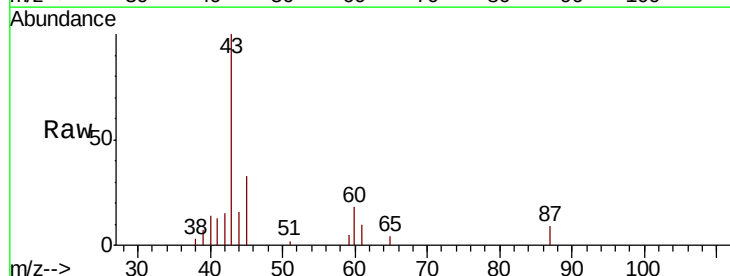
Instrument :
MSVOA_N
ClientSampled :
TP-3

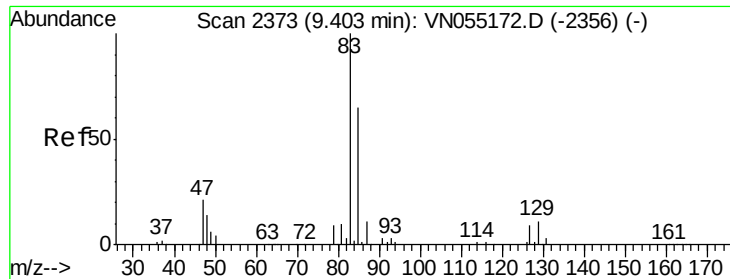
Tgt Ion: 41 Resp: 551
Ion Ratio Lower Upper
41 100
39 27.2 45.4 68.0#
67 0.0 54.6 81.8#
52 0.0 22.8 34.2#



#43
Isopropyl Acetate
Concen: 2.127 ug/l
RT: 8.18 min Scan# 1992
Delta R.T. 0.01 min
Lab File: VN055201.D
Acq: 23 Apr 2019 13:05

Tgt Ion: 43 Resp: 17246
Ion Ratio Lower Upper
43 100
61 18.0 20.6 30.8#
87 10.8 8.8 13.2





#47

Bromodichloromethane

Concen: 0.211 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. -0.01 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

TP-3

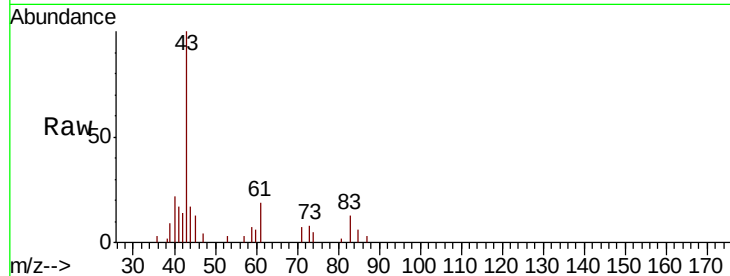
Tgt Ion: 83 Resp: 1309

Ion Ratio Lower Upper

83 100

85 47.2 52.1 78.1#

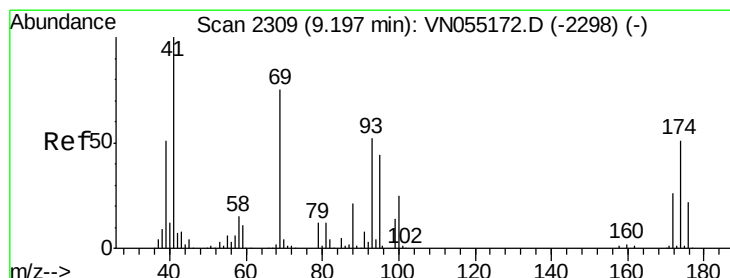
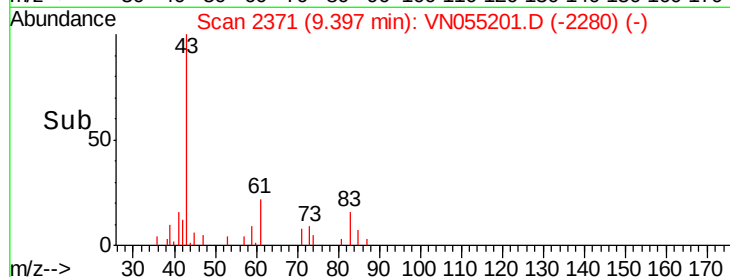
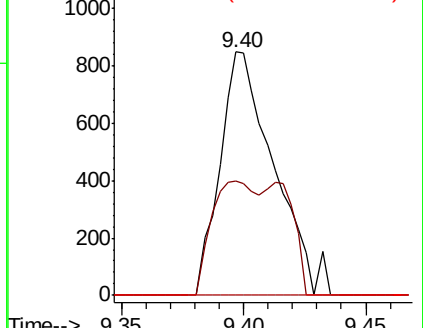
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.746 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

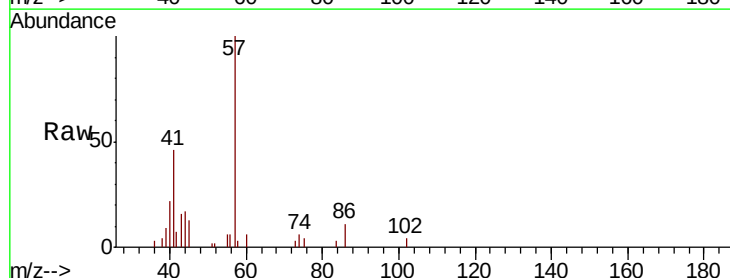
Tgt Ion: 41 Resp: 6867

Ion Ratio Lower Upper

41 100

69 0.0 63.6 95.4#

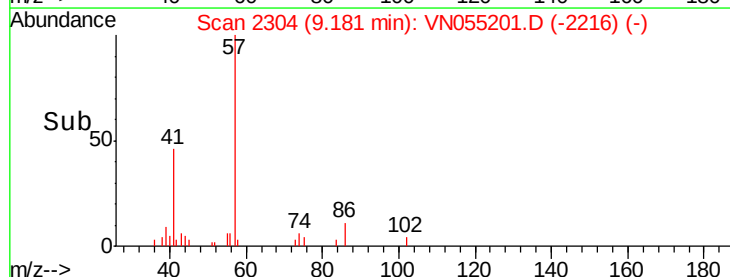
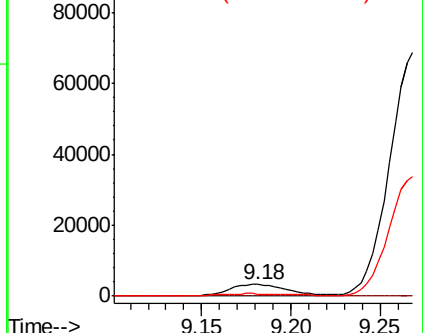
39 28.9 43.8 65.8#

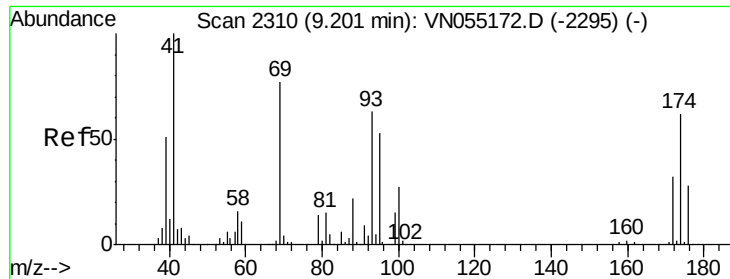


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 1.299 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

TP-3

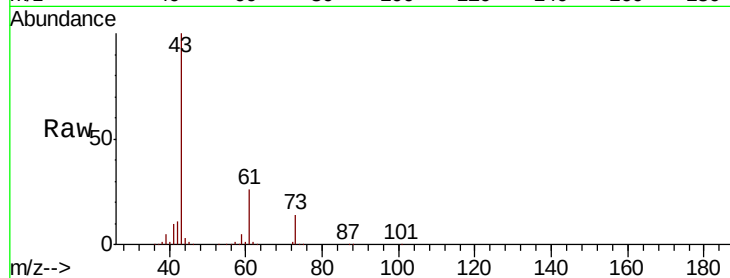
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 2328876.3 32.0 48.0#

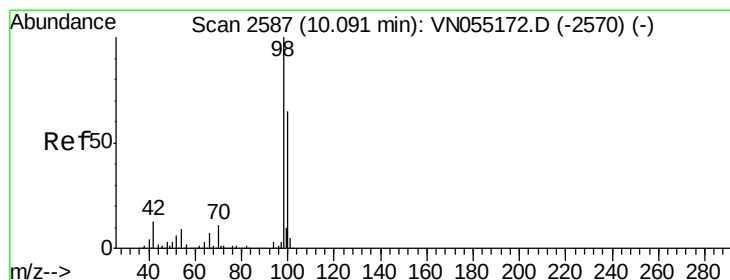
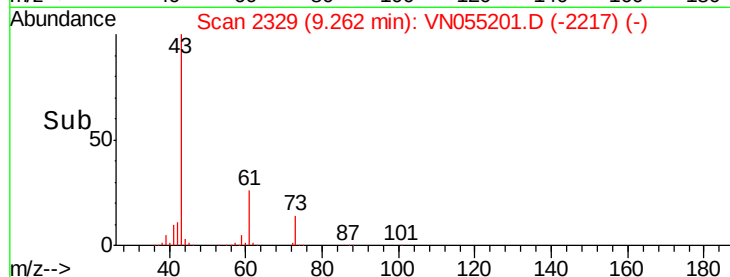
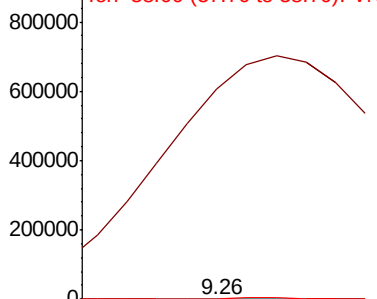
58 10650.8 60.4 90.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.216 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055201.D

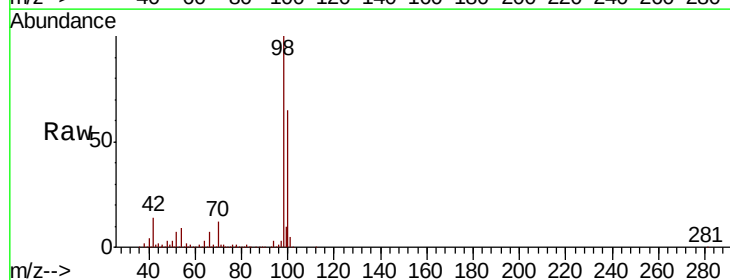
Acq: 23 Apr 2019 13:05

Tgt Ion: 98 Resp: 794370

Ion Ratio Lower Upper

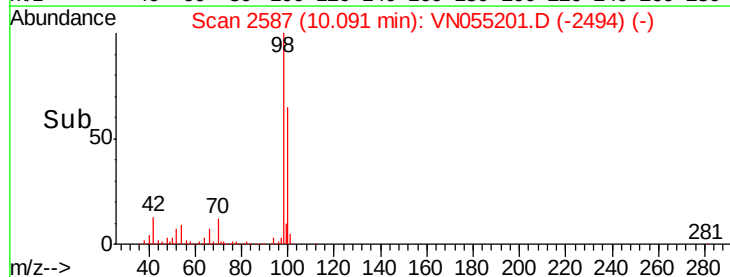
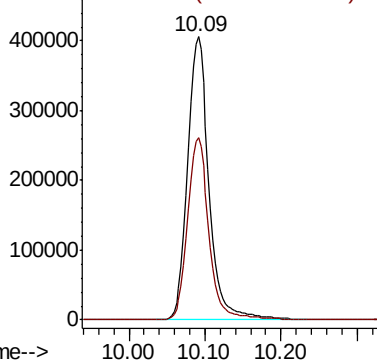
98 100

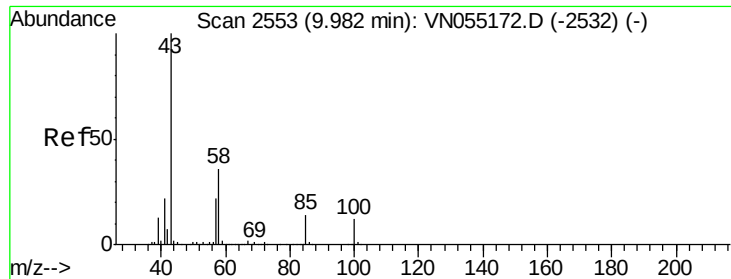
100 64.3 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

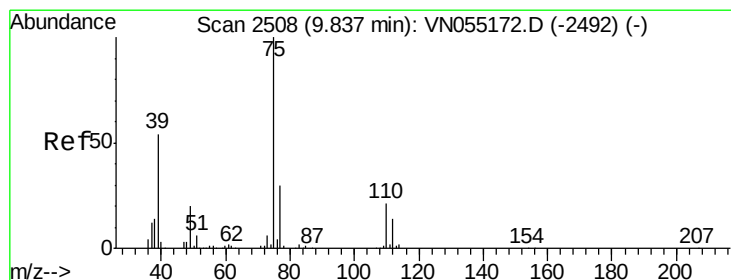
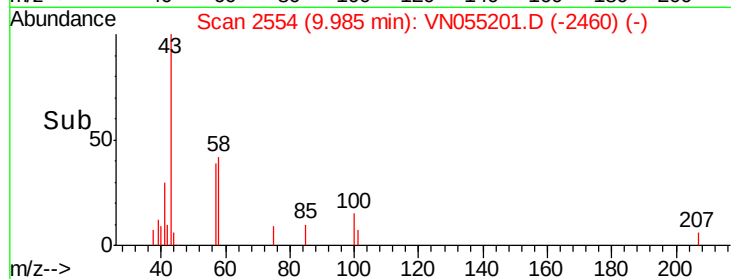
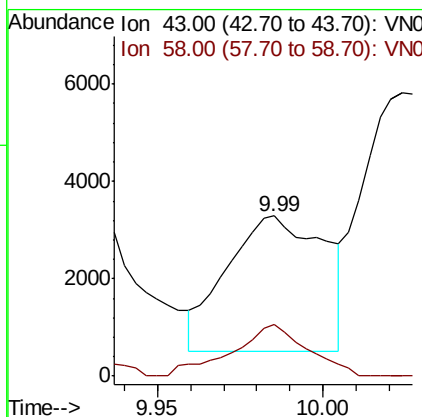
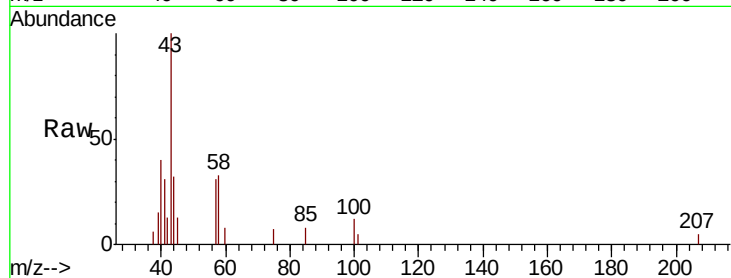




#51
 4-Methyl-2-Pentanone
 Concen: 1.226 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

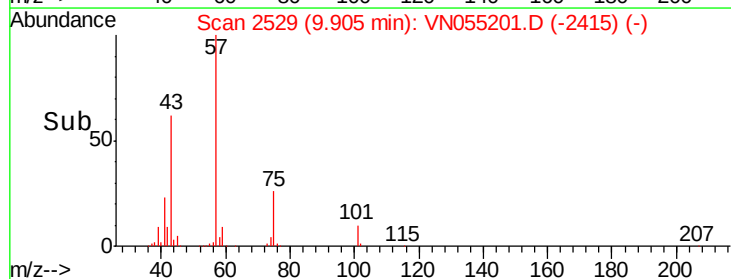
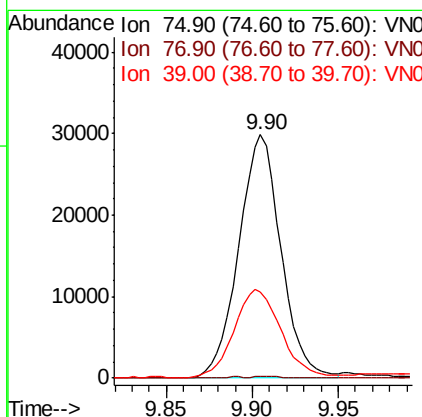
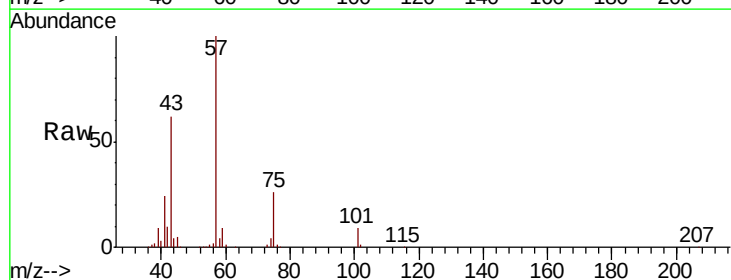
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

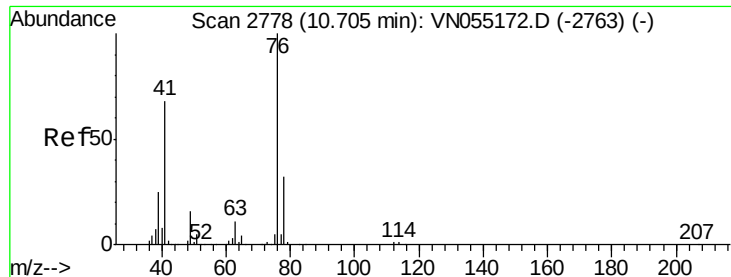
Tgt Ion: 43 Resp: 5720
 Ion Ratio Lower Upper
 43 100
 58 29.1 28.3 42.5



#54
 cis-1,3-Dichloropropene
 Concen: 7.208 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

Tgt Ion: 75 Resp: 50854
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.3 36.5#
 39 35.4 43.0 64.4#

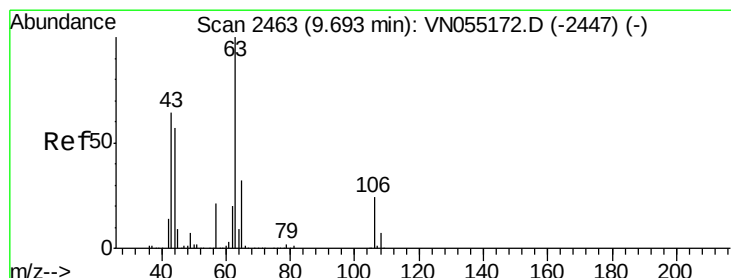
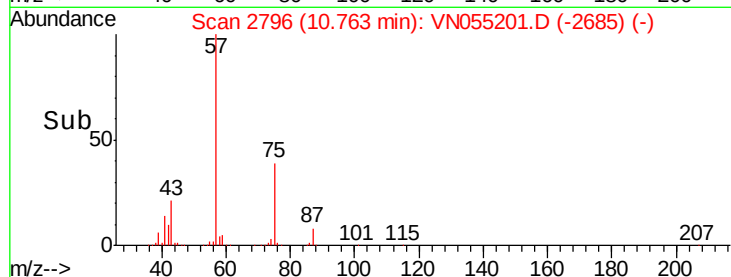
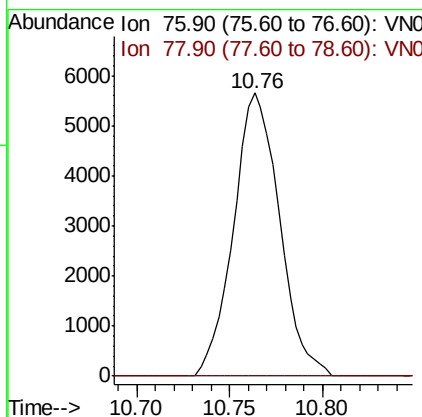
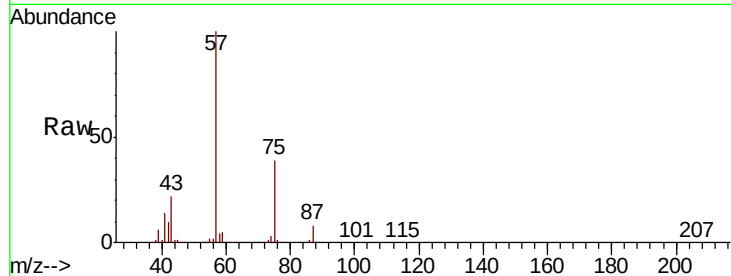




#57
 1,3-Dichloropropane
 Concen: 1.355 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

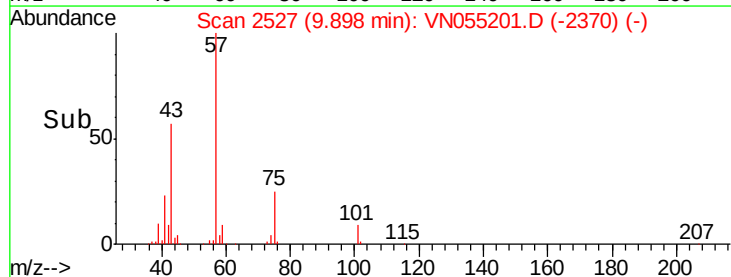
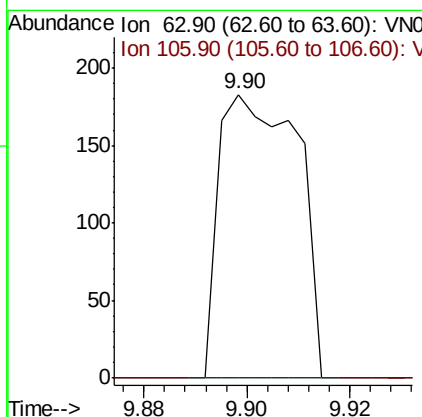
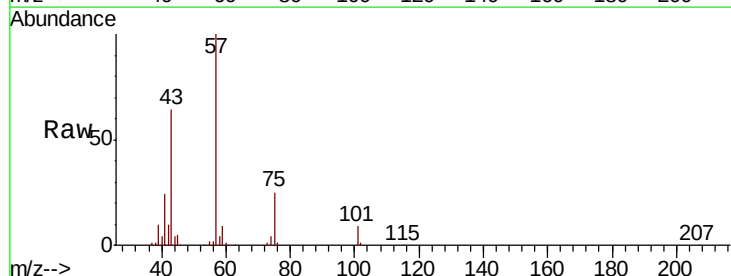
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

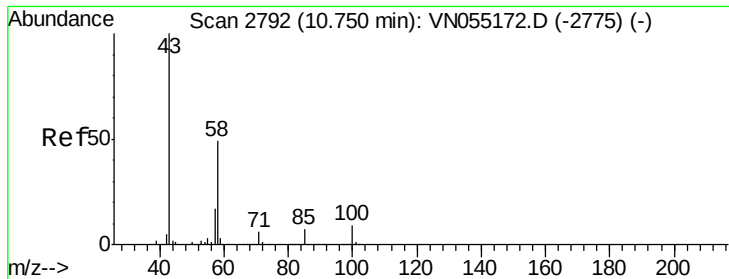
Tgt Ion: 76 Resp: 9761
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.3 37.9#



#58
 2-Chloroethyl Vinyl ether
 Concen: 11.374 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.21 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

Tgt Ion: 63 Resp: 192
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.0#

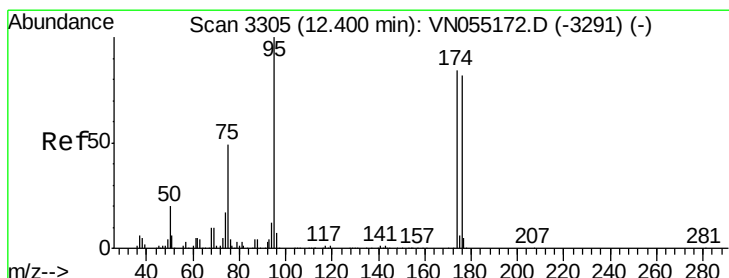
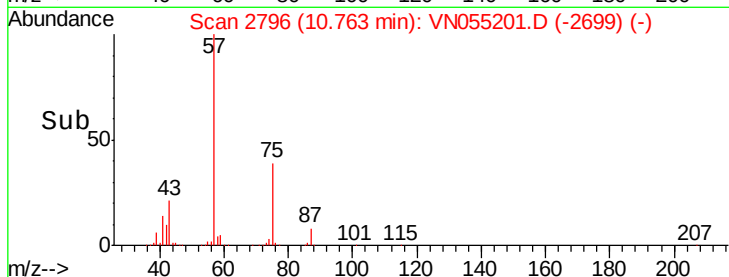
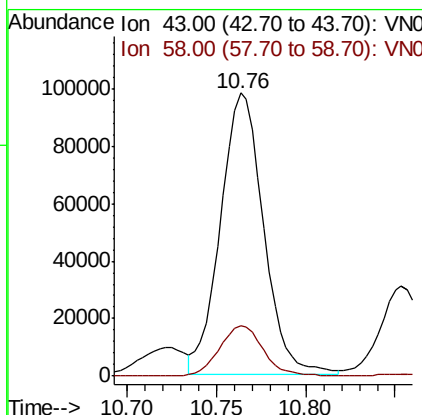
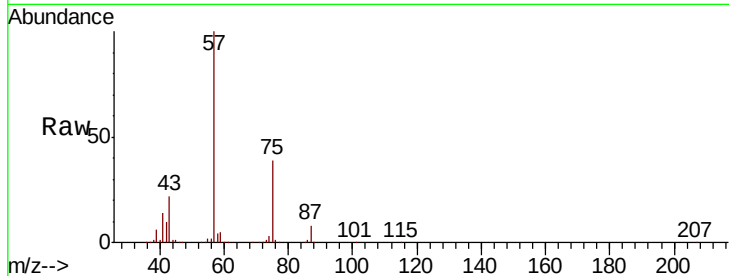




#59
2-Hexanone
Concen: 55.780 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055201.D
Acq: 23 Apr 2019 13:05

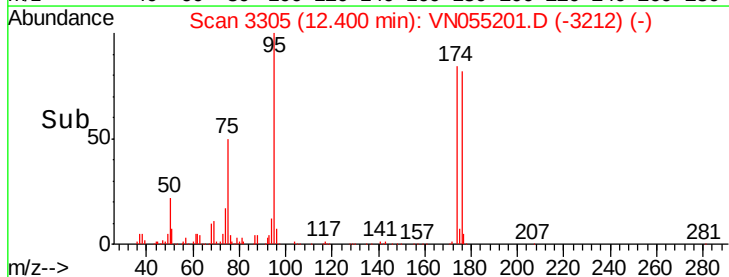
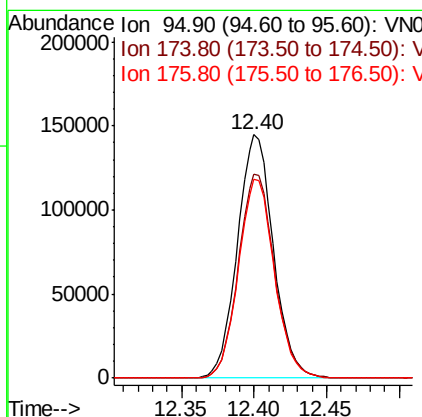
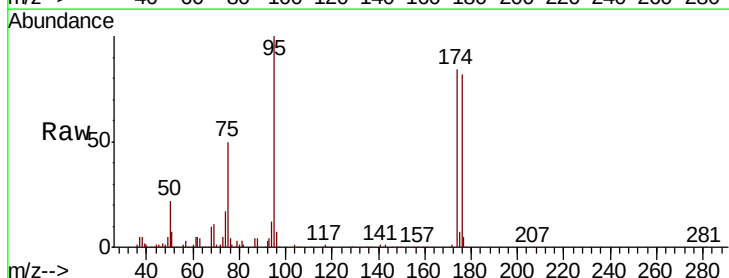
Instrument :
MSVOA_N
ClientSampled :
TP-3

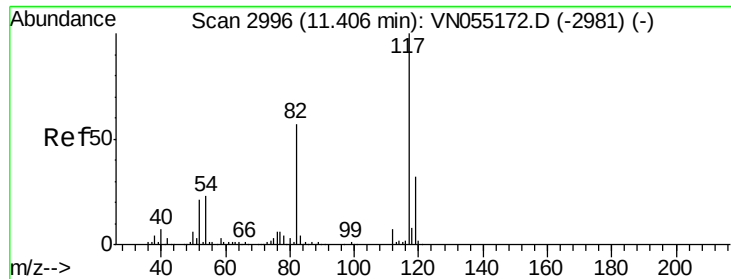
Tgt Ion: 43 Resp: 164371
Ion Ratio Lower Upper
43 100
58 18.3 24.5 73.5#



#62
4-Bromofluorobenzene
Concen: 46.780 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055201.D
Acq: 23 Apr 2019 13:05

Tgt Ion: 95 Resp: 249231
Ion Ratio Lower Upper
95 100
174 84.4 0.0 168.4
176 81.8 0.0 164.0

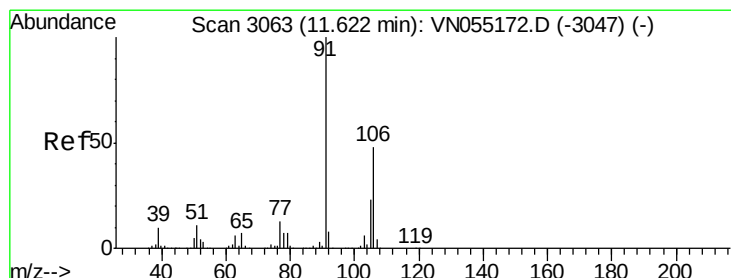
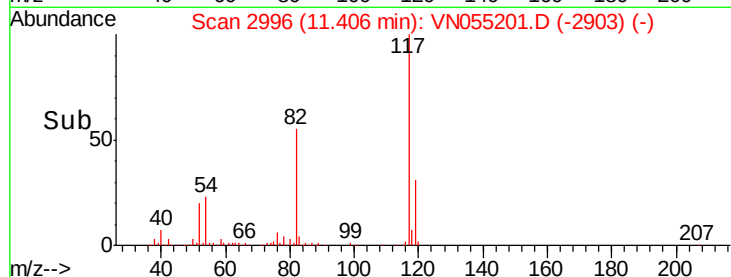
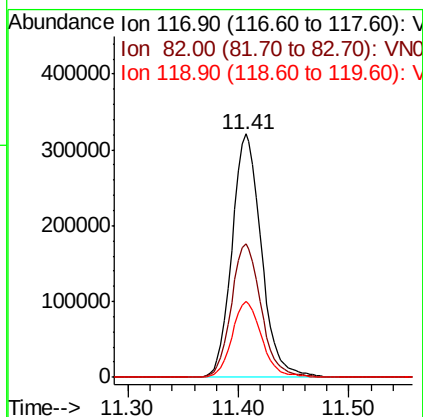
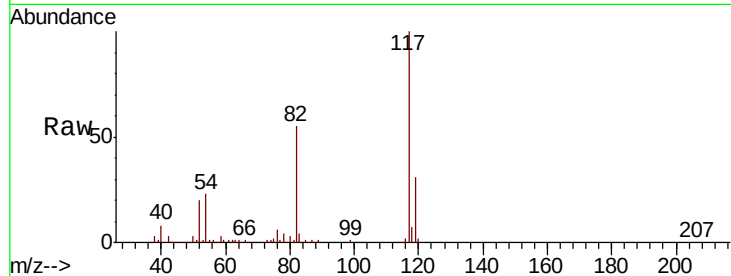




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055201.D
Acq: 23 Apr 2019 13:05

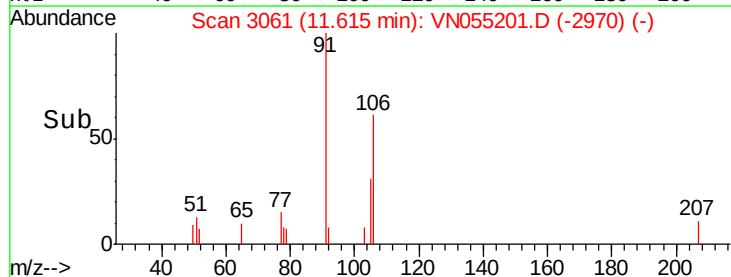
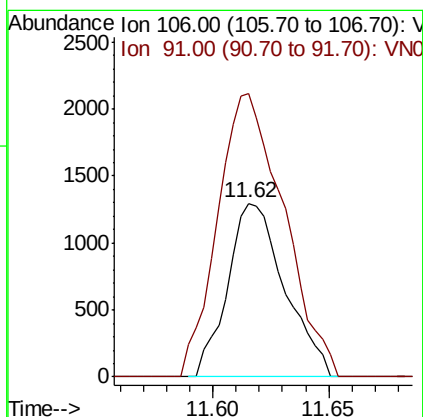
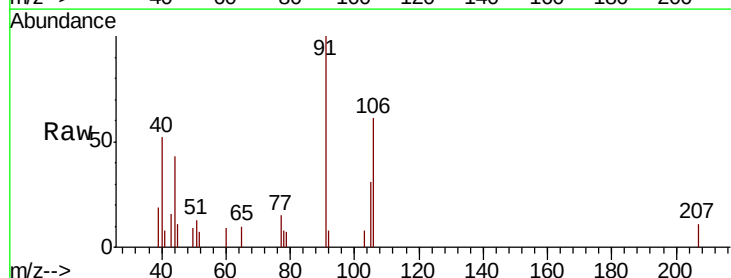
Instrument :
MSVOA_N
ClientSampled :
TP-3

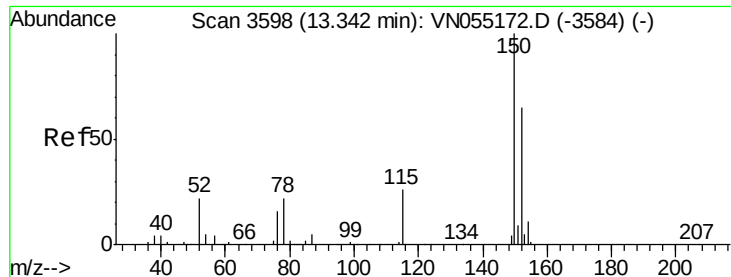
Tgt Ion:117 Resp: 591327
Ion Ratio Lower Upper
117 100
82 54.9 45.7 68.5
119 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 0.287 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN055201.D
Acq: 23 Apr 2019 13:05

Tgt Ion:106 Resp: 2216
Ion Ratio Lower Upper
106 100
91 189.1 167.1 250.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

TP-3

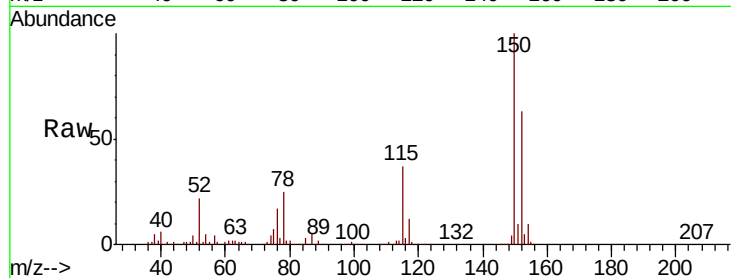
Tgt Ion:152 Resp: 185289

Ion Ratio Lower Upper

152 100

115 58.9 28.9 86.7

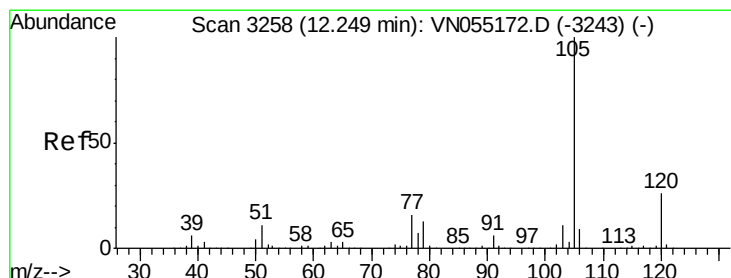
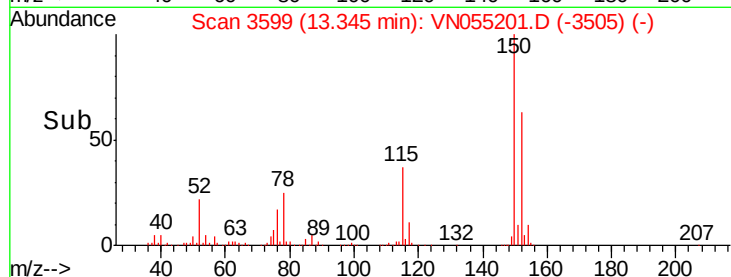
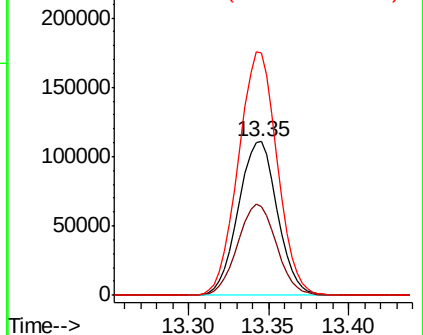
150 157.0 0.0 346.6



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN055201.D

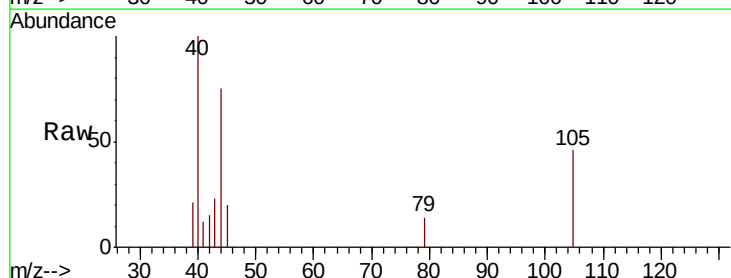
Acq: 23 Apr 2019 13:05

Tgt Ion:105 Resp: 663

Ion Ratio Lower Upper

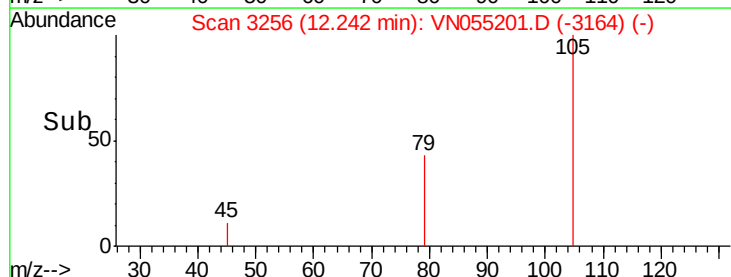
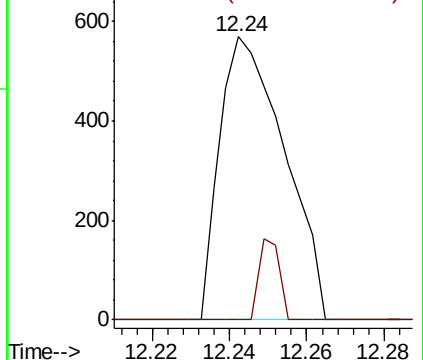
105 100

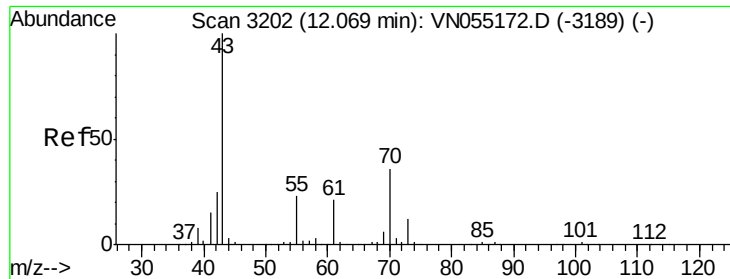
120 9.0 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 3.104 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

TP-3

Tgt Ion: 43 Resp: 14829

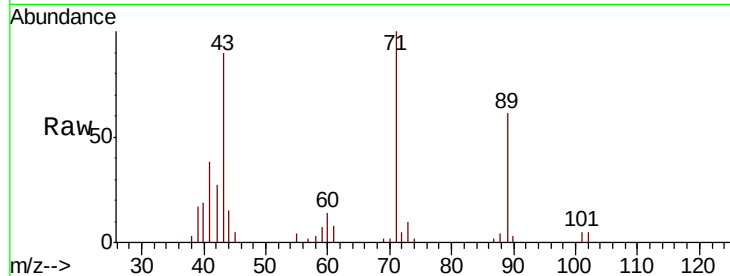
Ion Ratio Lower Upper

43 100

70 1.5 29.0 43.6#

55 4.4 18.5 27.7#

61 9.0 17.0 25.4#

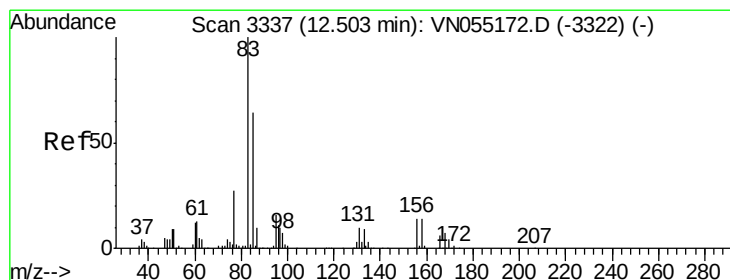
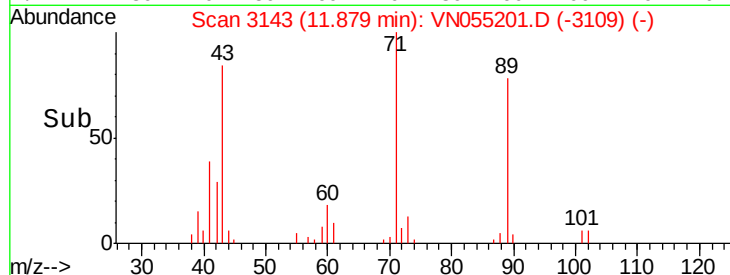
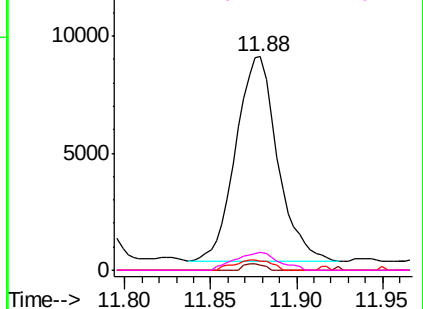


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3309

Delta R.T. -0.09 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

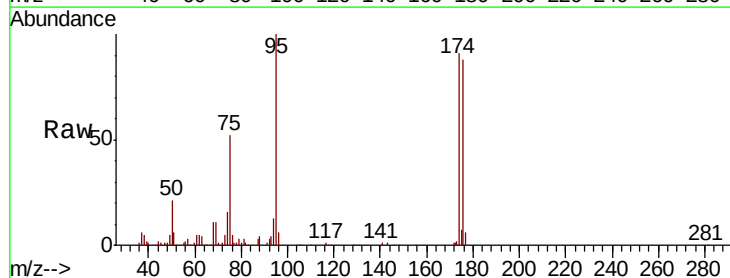
Tgt Ion: 83 Resp: 31

Ion Ratio Lower Upper

83 100

131 445.2 5.0 15.0#

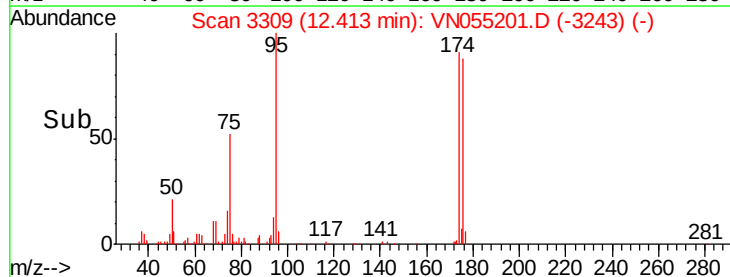
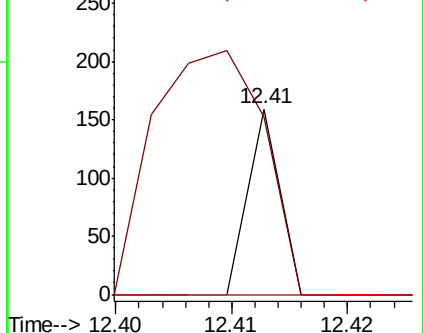
85 0.0 32.1 96.3#

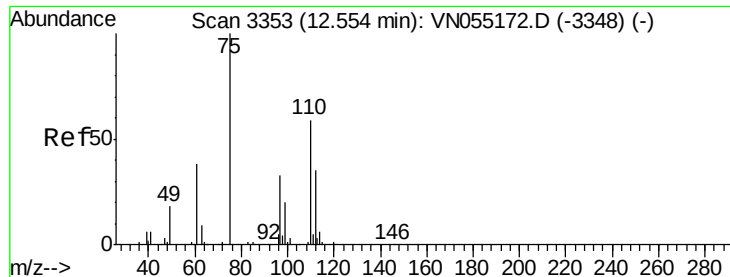


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 33.866 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampled :

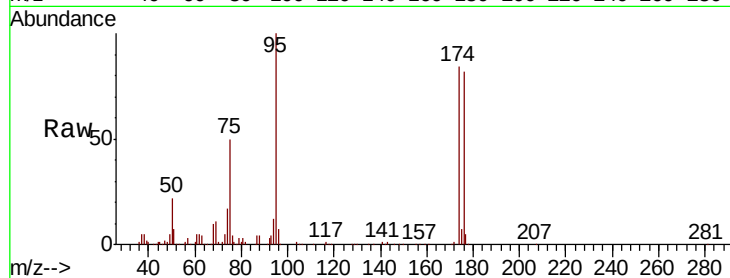
TP-3

Tgt Ion: 75 Resp: 127301

Ion Ratio Lower Upper

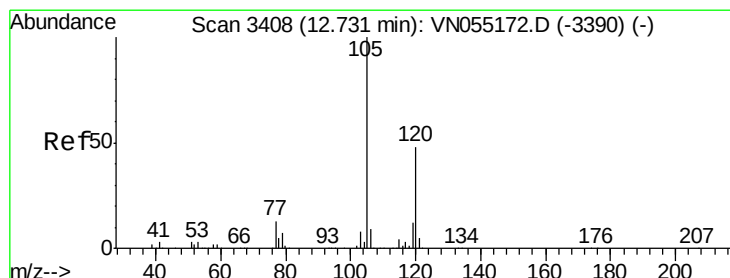
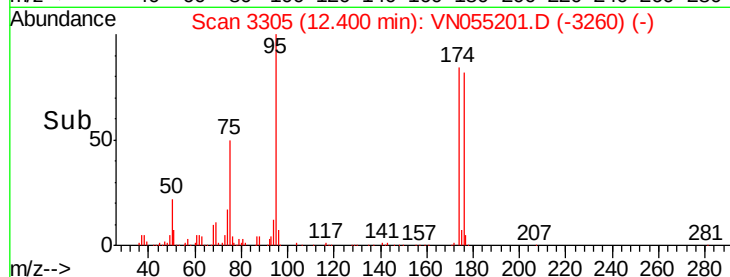
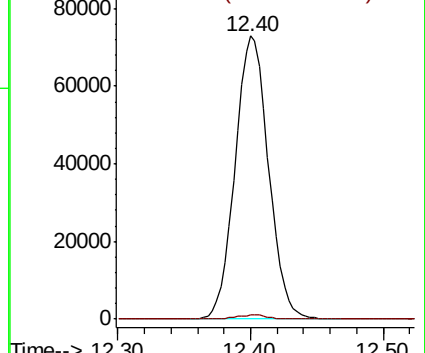
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.316 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055201.D

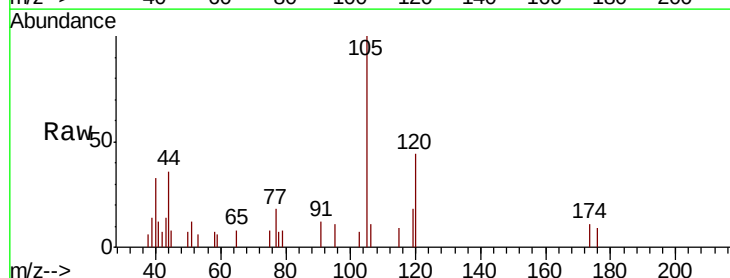
Acq: 23 Apr 2019 13:05

Tgt Ion: 105 Resp: 4385

Ion Ratio Lower Upper

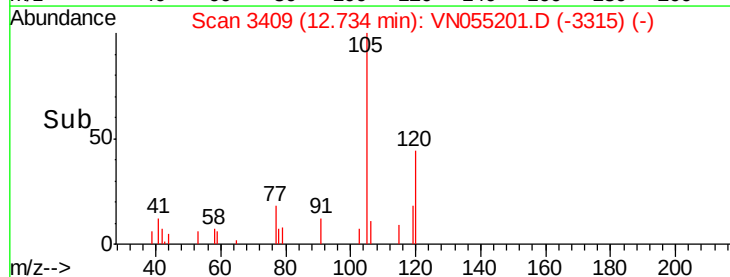
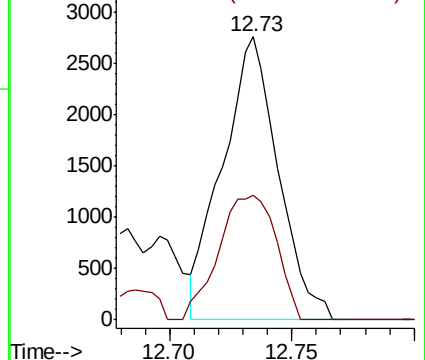
105 100

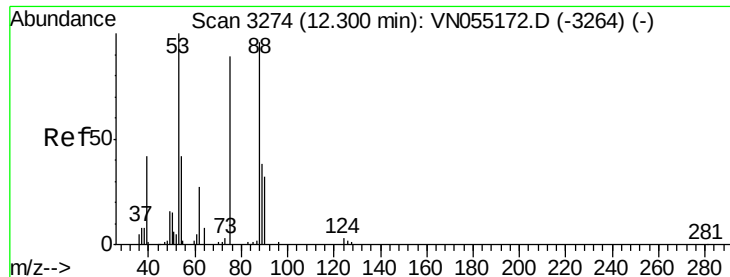
120 45.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

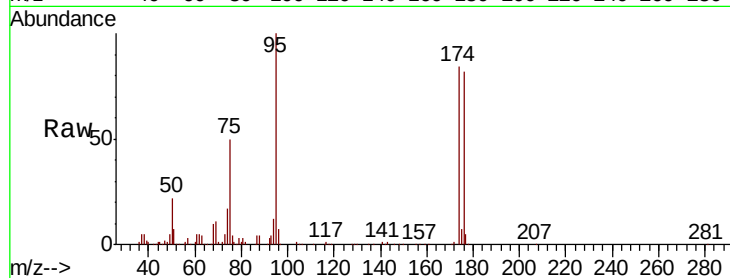




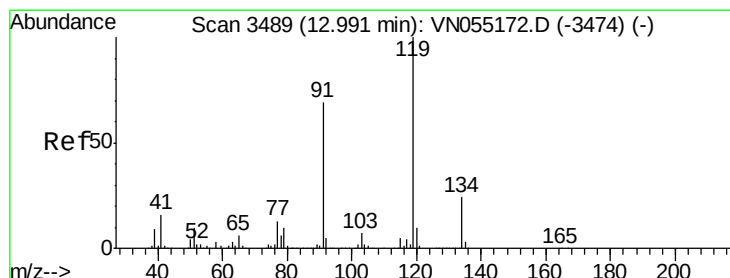
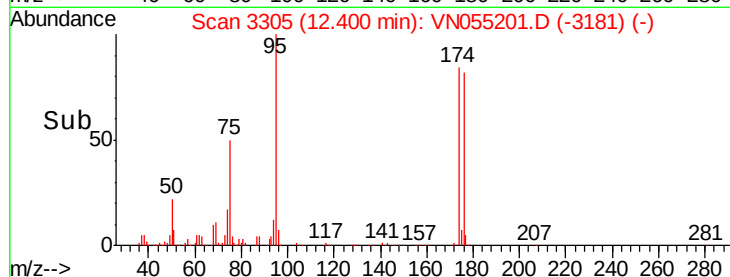
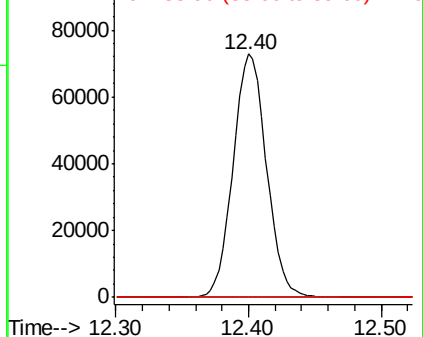
#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.378 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

Tgt Ion: 75 Resp: 127301
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.1 135.1#
 89 0.0 36.7 55.1#

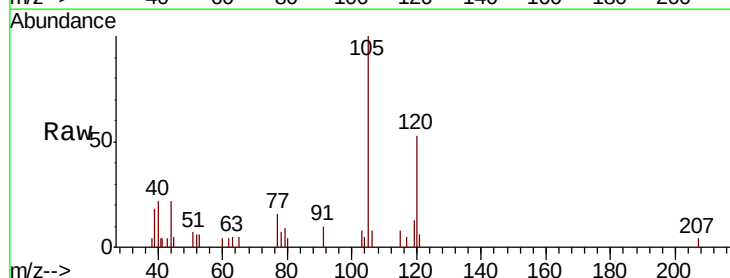


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 53.00 (52.70 to 53.70): VN0
 Ion 88.90 (88.60 to 89.60): VN0

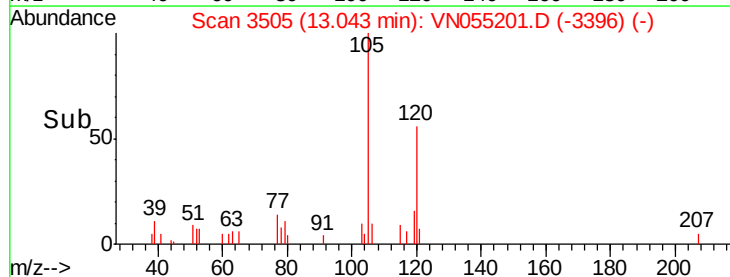
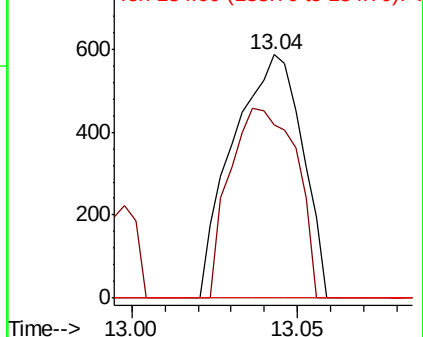


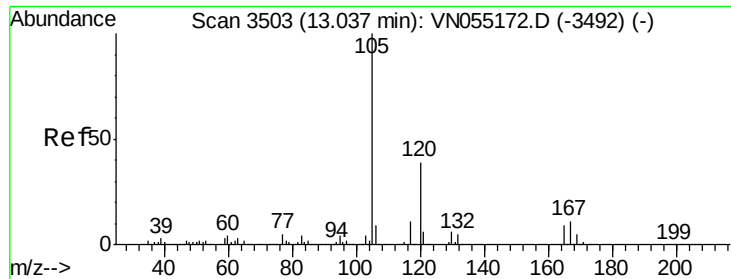
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

Tgt Ion: 119 Resp: 852
 Ion Ratio Lower Upper
 119 100
 91 74.5 33.8 101.3
 134 0.0 13.2 39.5#



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN0
 Ion 134.00 (133.70 to 134.70): V

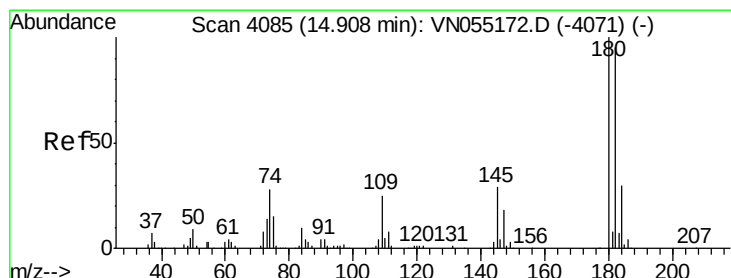
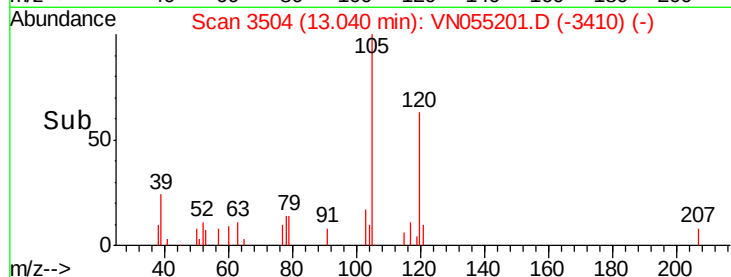
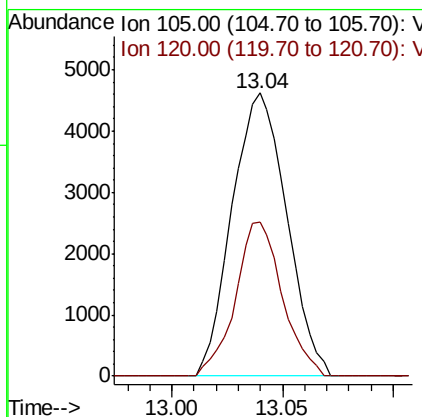
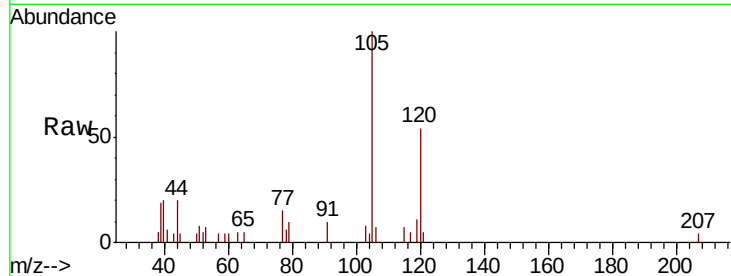




#84
 1,2,4-Trimethylbenzene
 Concen: 0.606 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

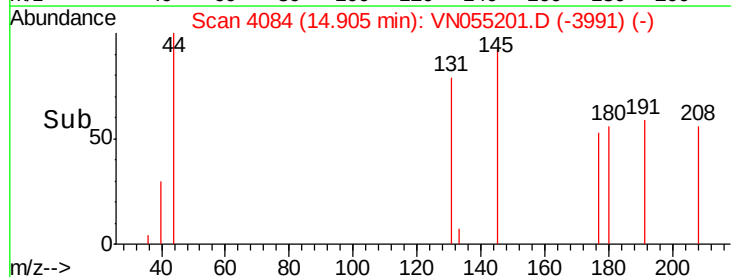
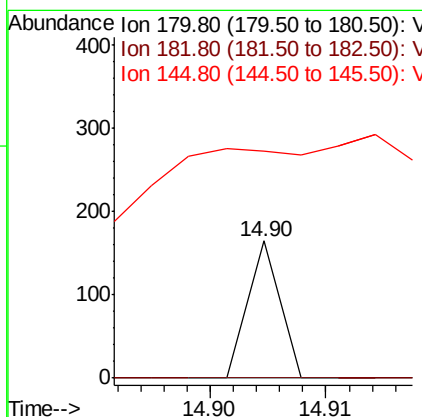
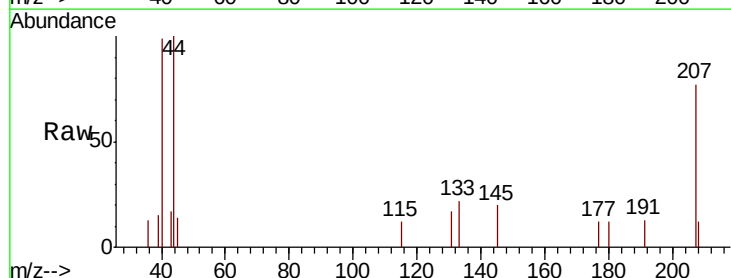
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

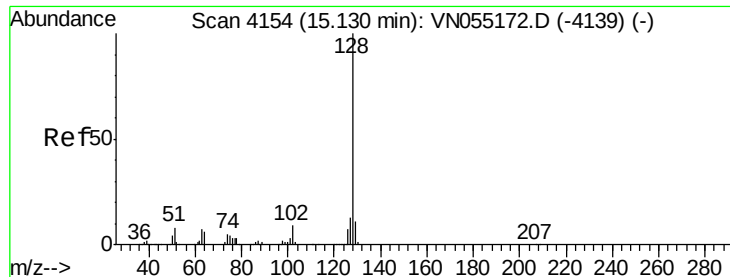
Tgt Ion:105 Resp: 7932
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.7 68.1



#93
 1,2,4-Trichlorobenzene
 Concen: 2.749 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN055201.D
 Acq: 23 Apr 2019 13:05

Tgt Ion:180 Resp: 32
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.4#
 145 1100.0 14.5 43.5#





#95

Naphthalene

Concen: 6.700 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055201.D

Acq: 23 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

TP-3

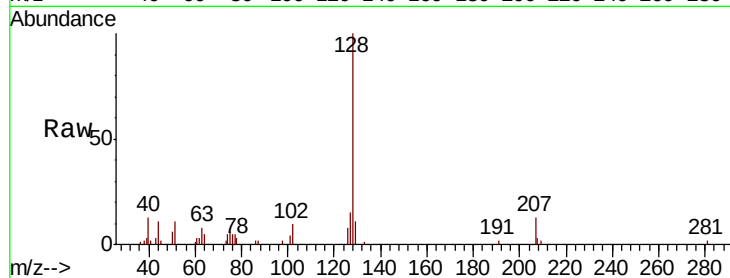
Tgt Ion:128 Resp: 21148

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

