

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055245.D
 Acq On : 25 Apr 2019 14:44
 Operator : JC/SP
 Sample : K2203-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-A

Quant Time: Apr 26 02:18:30 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	386374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	683304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	623521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195329	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	272922	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
35) Dibromofluoromethane	7.59	113	218954	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
50) Toluene-d8	10.09	98	839317	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	266015	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.81	59	106	0.347	ug/l #	71
13) Acrolein	3.63	56	64	9.643	ug/l #	14
14) Allyl chloride	4.56	41	7858	1.000	ug/l #	28
16) Acetone	3.82	43	28309	16.375	ug/l	100
17) Carbon Disulfide	4.05	76	4254	0.383	ug/l #	75
18) Methyl Acetate	4.35	43	6775	0.712	ug/l #	62
20) Methylene Chloride	4.55	84	153573	30.899	ug/l	98
25) 2-Butanone	6.84	43	553	0.248	ug/l #	53
29) Tetrahydrofuran	7.22	42	692	0.504	ug/l #	47
30) Chloroform	7.37	83	7261	0.906	ug/l	93
31) Cyclohexane	7.67	56	9156	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	29540	4.658	ug/l #	50
38) Carbon Tetrachloride	7.67	117	37466	6.308	ug/l #	16
41) Methacrylonitrile	7.24	41	548	0.204	ug/l #	36
43) Isopropyl Acetate	8.18	43	23233	2.803	ug/l #	80
45) 1,2-Dichloropropane	9.27	63	1611	0.292	ug/l #	45
47) Bromodichloromethane	9.41	83	2165	0.342	ug/l #	92
48) Methyl methacrylate	9.18	41	8456	2.103	ug/l #	15
51) 4-Methyl-2-Pentanone	9.98	43	6297	1.320	ug/l #	84
54) cis-1,3-Dichloropropene	9.90	75	53687	7.444	ug/l #	67
57) 1,3-Dichloropropane	10.76	76	11127	1.511	ug/l #	43
59) 2-Hexanone	10.76	43	174747	58.007	ug/l #	55
68) m/p-Xylenes	11.61	106	2517	0.310	ug/l	97
71) Bromoform	12.40	173	2488	0.884	ug/l #	1
73) Isopropylbenzene	12.25	105	859	Below Cal	#	63
74) N-amyl acetate	11.88	43	16540	3.284	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.51	83	102	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	136477	34.440	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6070	0.415	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	136477	130.558	ug/l #	5
83) tert-Butylbenzene	12.99	119	188	Below Cal	#	80
84) 1,2,4-Trimethylbenzene	13.04	105	10148	0.735	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	68	2.760	ug/l #	1
94) Hexachlorobutadiene	15.00	225	107	Below Cal	#	18

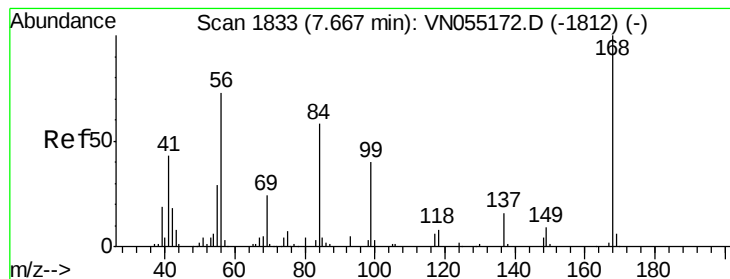
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
Data File : VN055245.D
Acq On : 25 Apr 2019 14:44
Operator : JC/SP
Sample : K2203-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-A

Quant Time: Apr 26 02:18:30 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)
95) Naphthalene	15.13	128	26203	7.280	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	138	2.170	ug/l #	1

(#) = 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: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

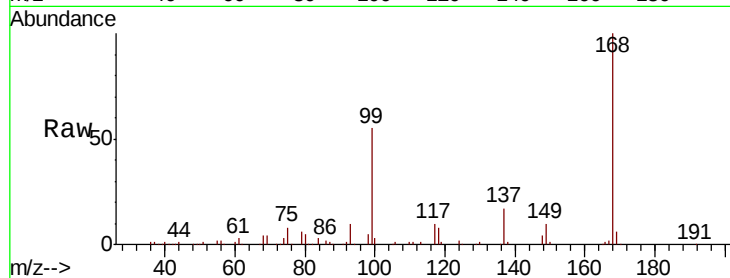
SU-03-042419-A

Tot Ion:168 Resp: 386374

Ion Ratio Lower Upper

168 100

99 55.1 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

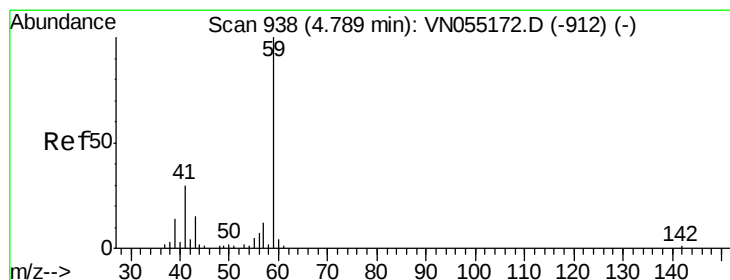
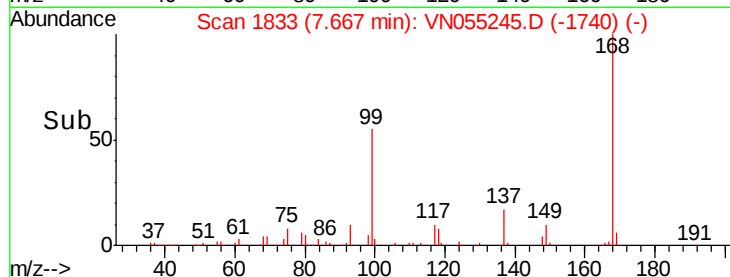
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.347 ug/l

RT: 4.81 min Scan# 945

Delta R.T. 0.02 min

Lab File: VN055245.D

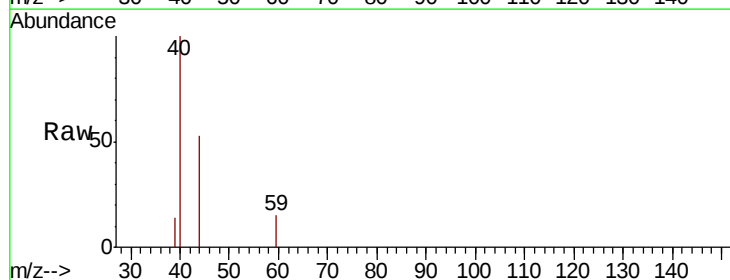
Acq: 25 Apr 2019 14:44

Tgt Ion: 59 Resp: 106

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

250

200

150

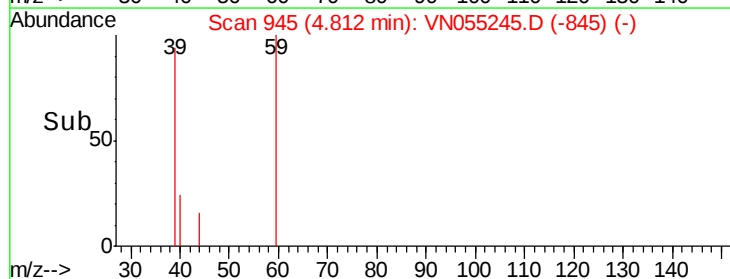
100

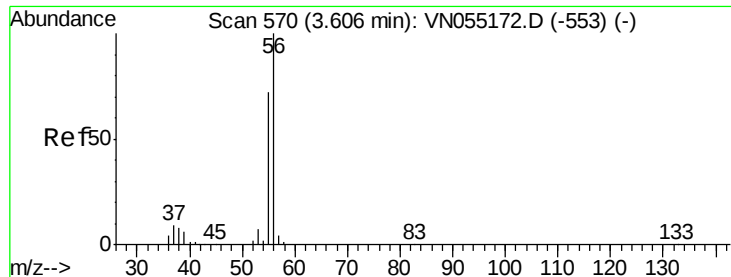
50

0

4.80 4.81 4.82

Time-->





#13

Acrolein

Concen: 9.643 ug/l

RT: 3.63 min Scan# 576

Delta R.T. 0.02 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

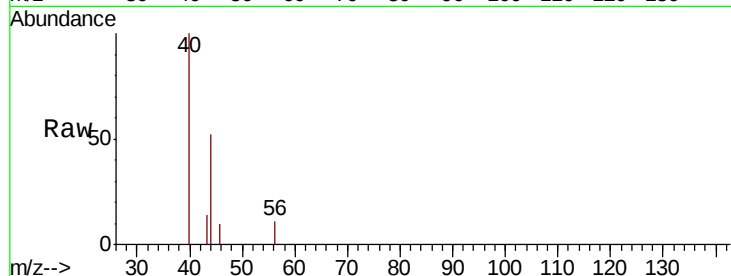
SU-03-042419-A

Tot Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.63

150

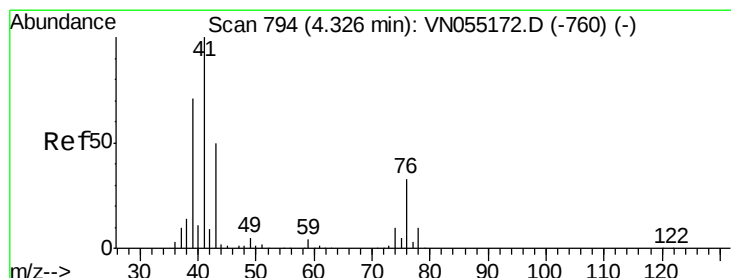
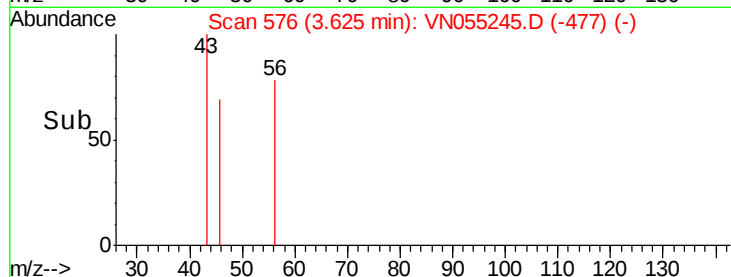
100

50

0

3.61 3.62 3.63

Time-->



#14

Allyl chloride

Concen: 1.000 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.23 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

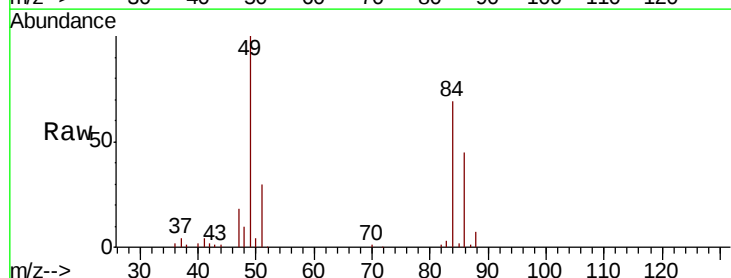
Tgt Ion: 41 Resp: 7858

Ion Ratio Lower Upper

41 100

39 3.2 52.9 79.3#

76 0.0 23.6 35.4#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.56

3000

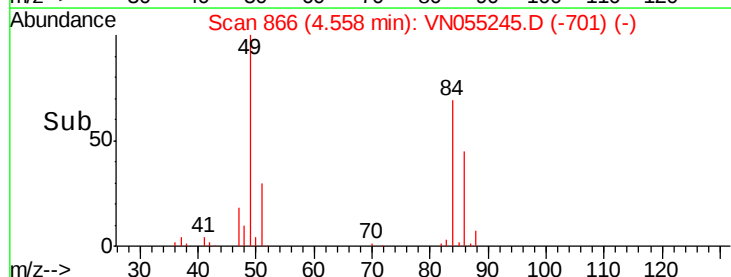
2000

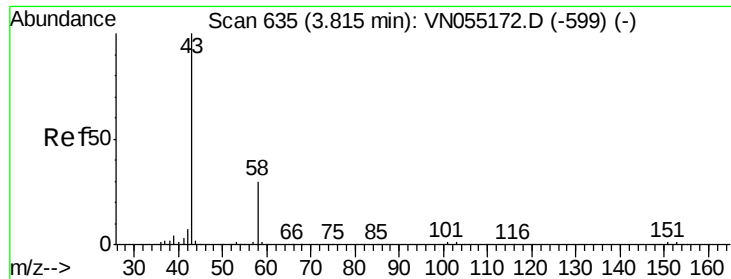
1000

0

4.45 4.50 4.55 4.60 4.65

Time-->





#16

Acetone

Concen: 16.375 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

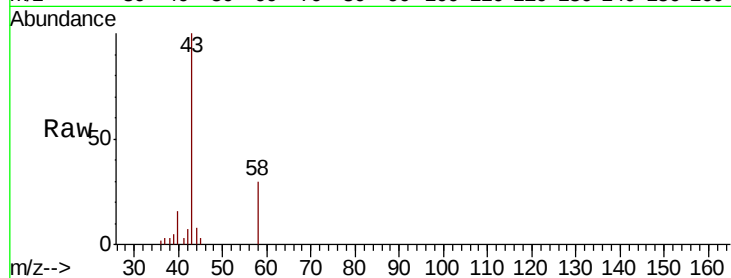
SU-03-042419-A

Tot Ion: 43 Resp: 28309

Ion Ratio Lower Upper

43 100

58 29.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)

3.82

12000

10000

8000

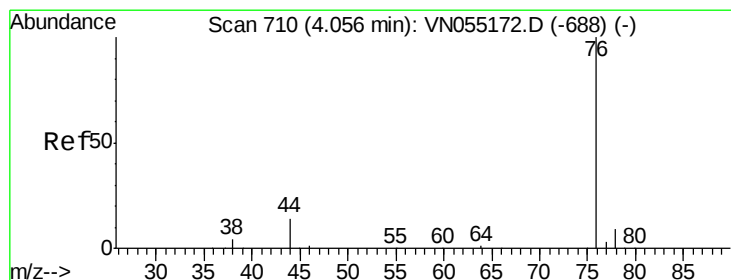
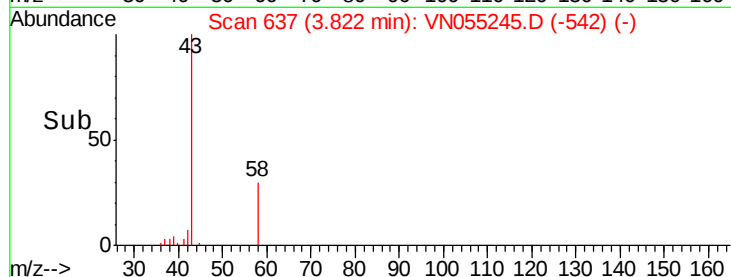
6000

4000

2000

0

Time-->



#17

Carbon Disulfide

Concen: 0.383 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055245.D

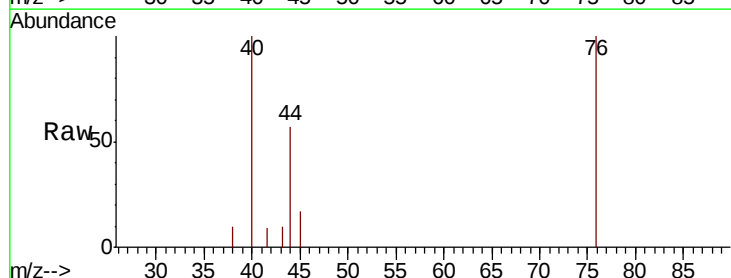
Acq: 25 Apr 2019 14:44

Tgt Ion: 76 Resp: 4254

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN055172.D (-688) (-)

Ion 77.90 (77.60 to 78.60): VN055172.D (-688) (-)

4.05

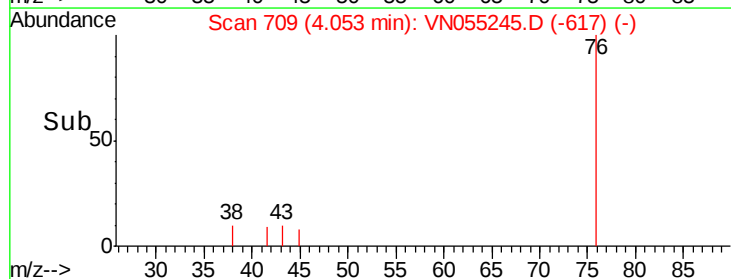
1500

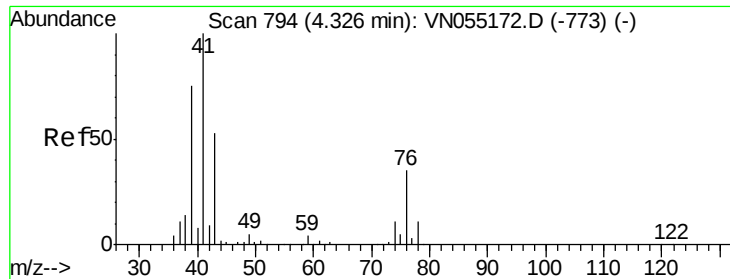
1000

500

0

Time-->

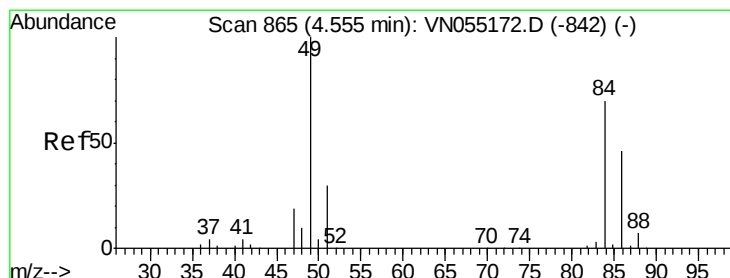
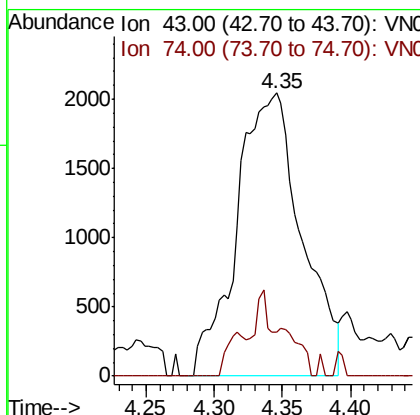
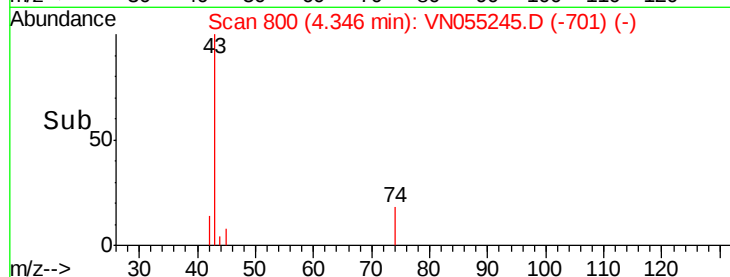
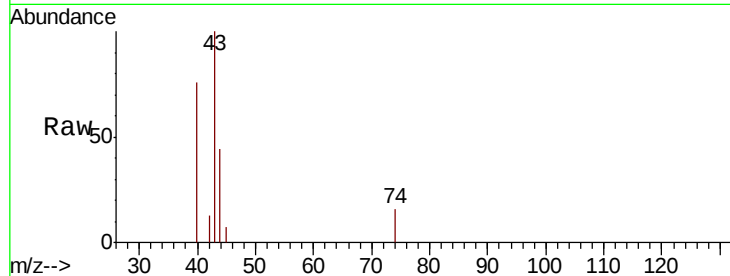




#18
Methyl Acetate
Concen: 0.712 ug/l
RT: 4.35 min Scan# 800
Delta R.T. 0.02 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

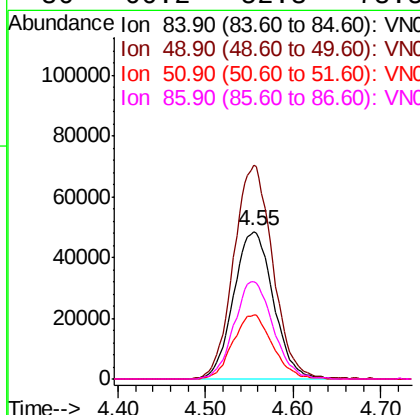
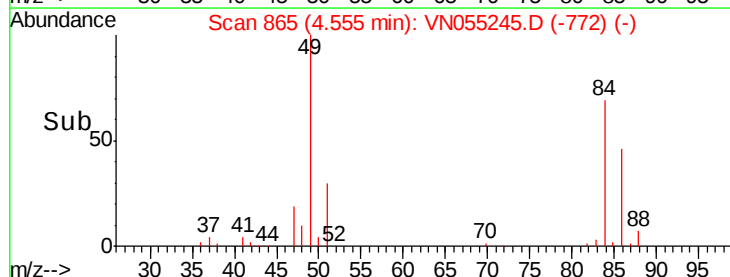
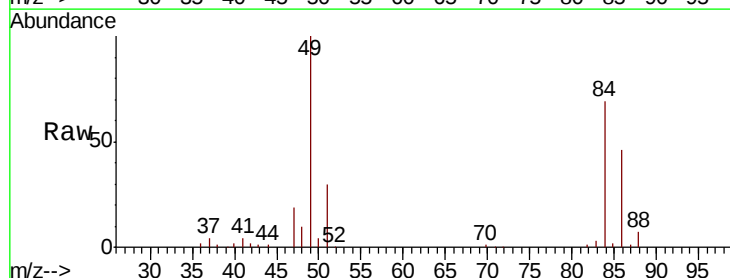
Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-A

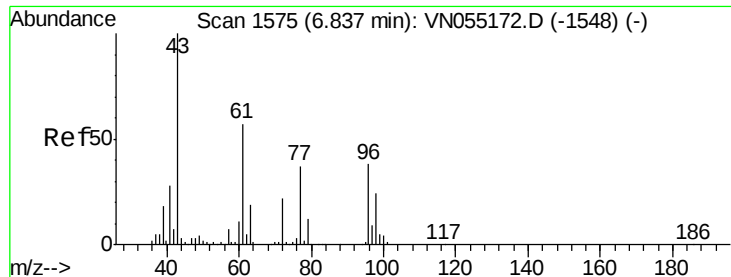
Tot Ion: 43 Resp: 6775
Ion Ratio Lower Upper
43 100
74 3.1 16.7 25.1#



#20
Methylene Chloride
Concen: 30.899 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

Tgt Ion: 84 Resp: 153573
Ion Ratio Lower Upper
84 100
49 145.0 113.8 170.6
51 43.5 34.0 51.0
86 66.2 52.3 78.5

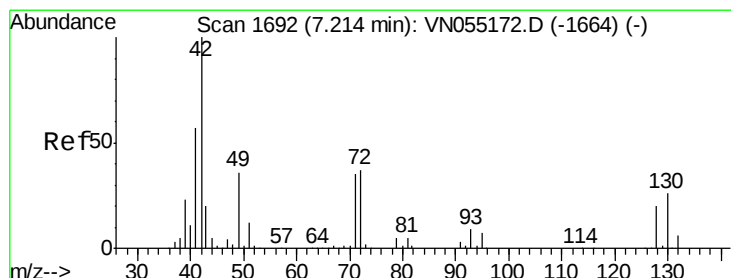
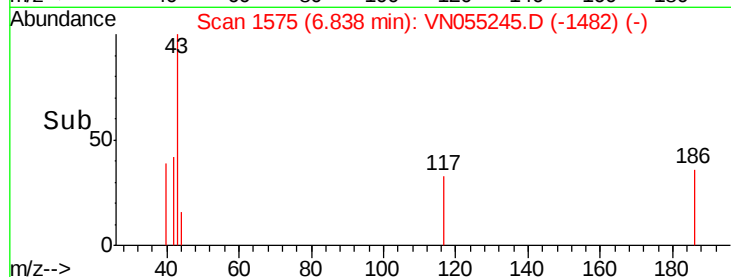
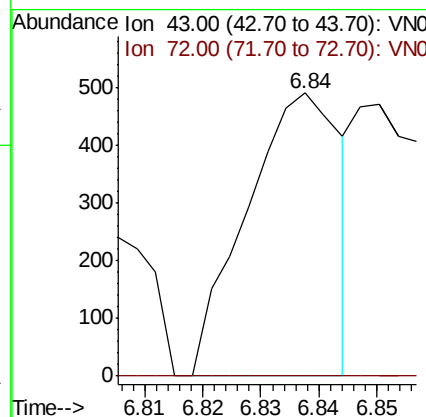
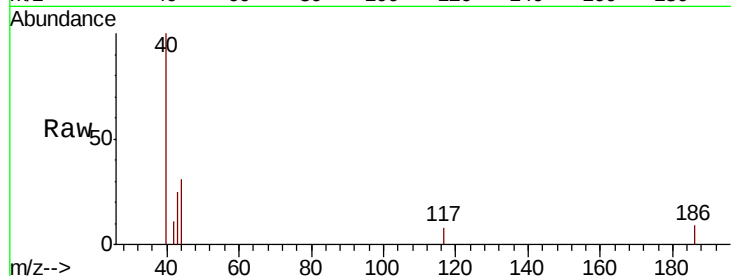




#25
2-Butanone
Concen: 0.248 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

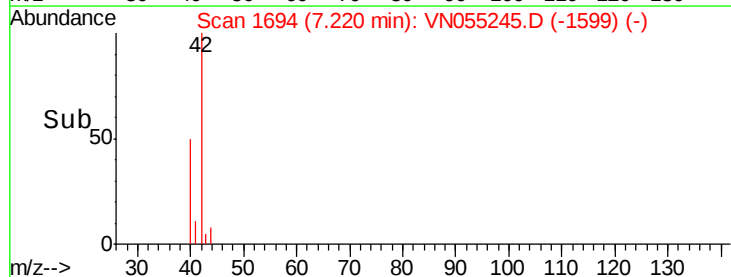
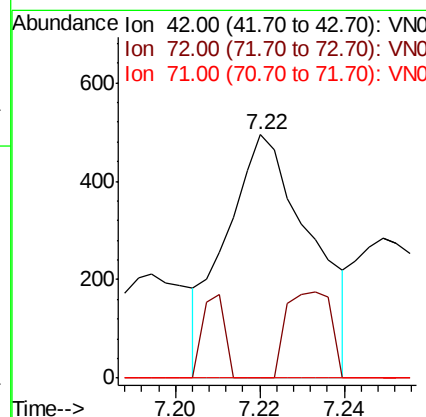
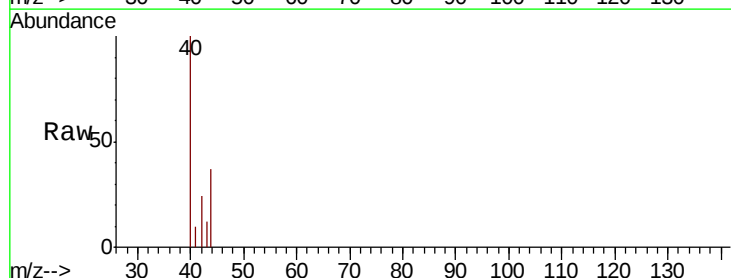
Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-A

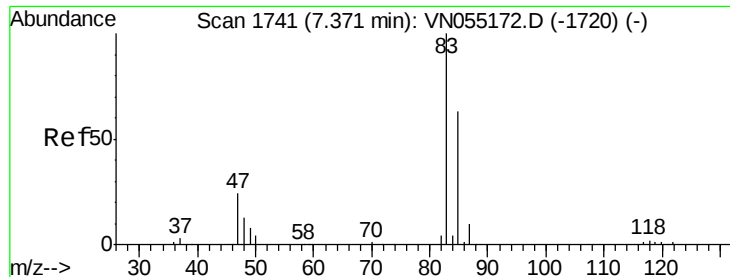
Tot Ion: 43 Resp: 553
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.8#



#29
Tetrahydrofuran
Concen: 0.504 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

Tgt Ion: 42 Resp: 692
Ion Ratio Lower Upper
42 100
72 9.1 29.4 44.2#
71 0.0 27.8 41.8#

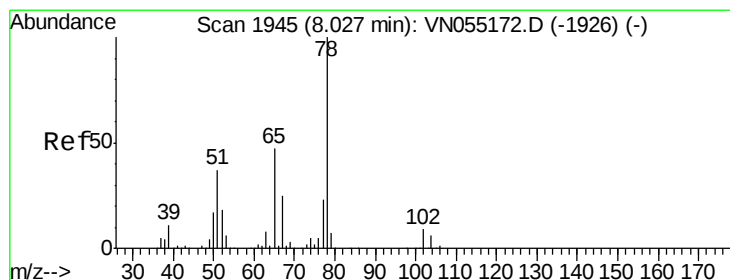
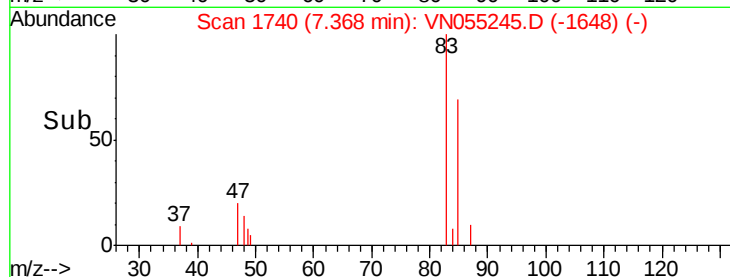
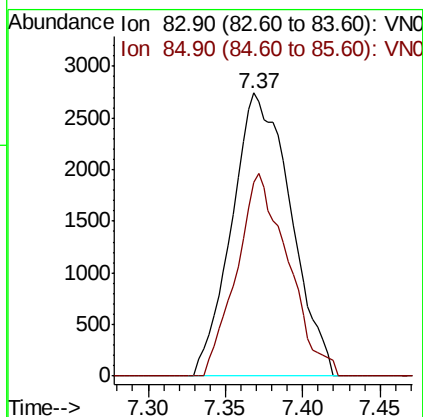
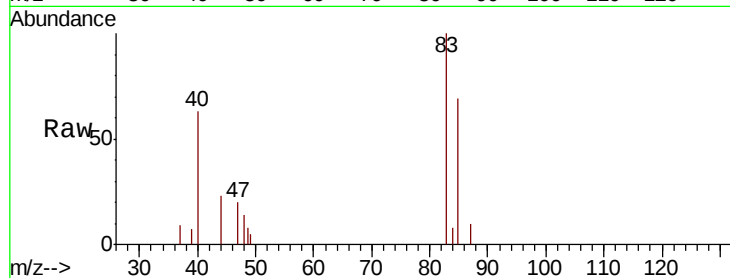




#30
 Chloroform
 Concen: 0.906 ug/l
 RT: 7.37 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

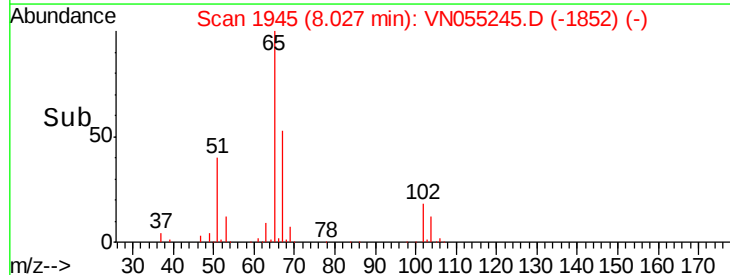
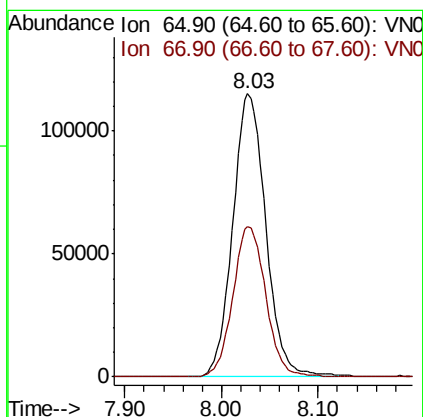
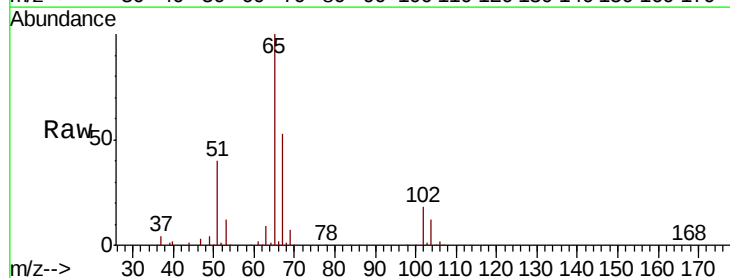
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-A

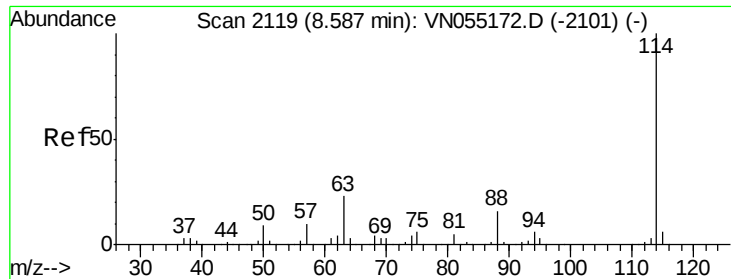
Tot Ion: 83 Resp: 7261
 Ion Ratio Lower Upper
 83 100
 85 68.5 50.6 76.0



#33
 1,2-Dichloroethane-d4
 Concen: 52.187 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

Tgt Ion: 65 Resp: 272922
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.6

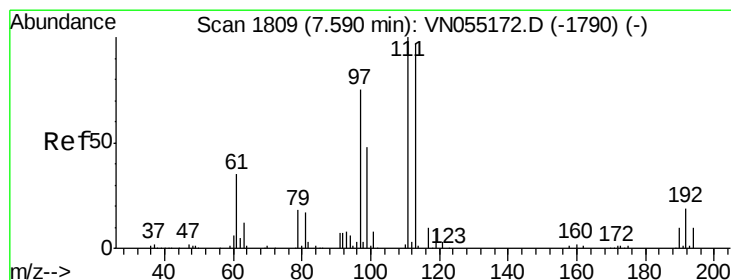
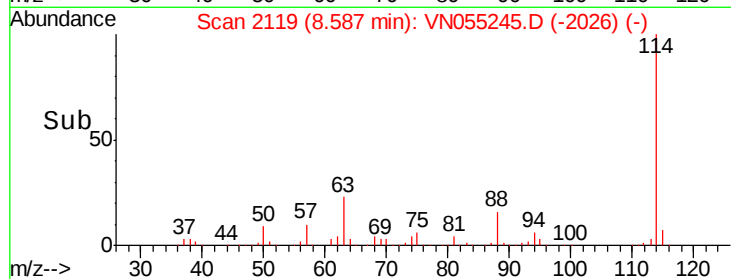
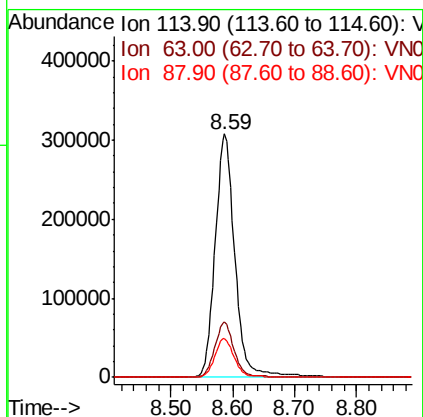
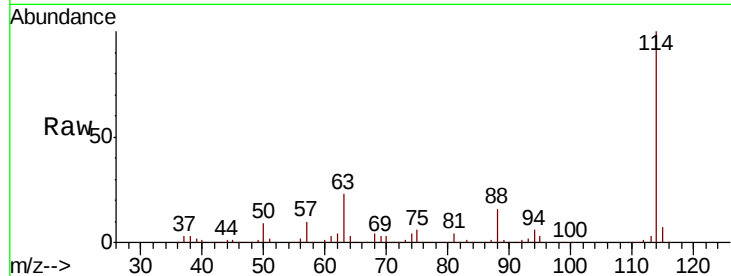




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

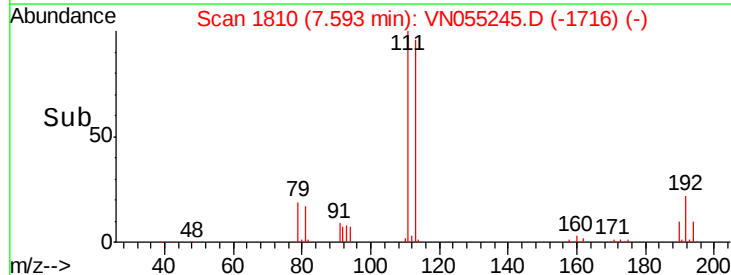
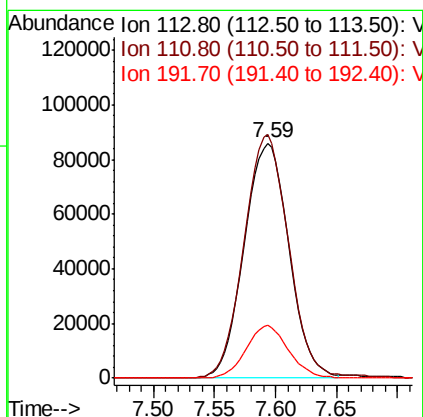
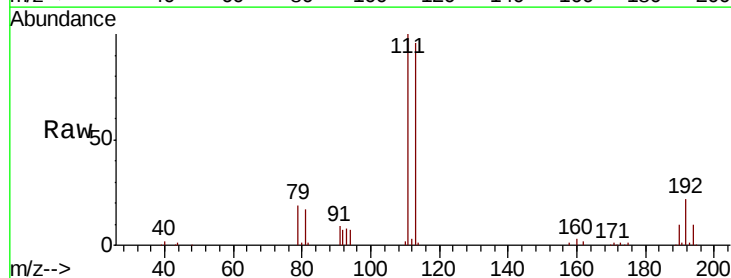
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-A

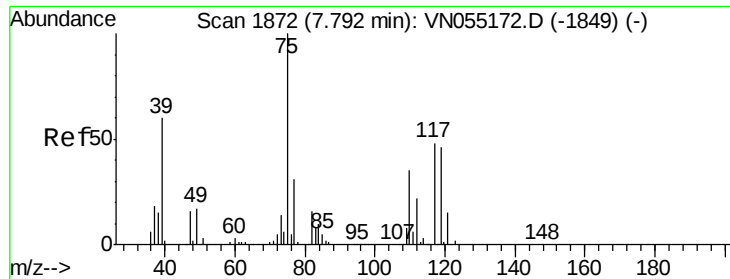
Tot Ion:114 Resp: 683304
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 16.1 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 47.168 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

Tgt Ion:113 Resp: 218954
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.4
 192 21.2 16.2 24.4

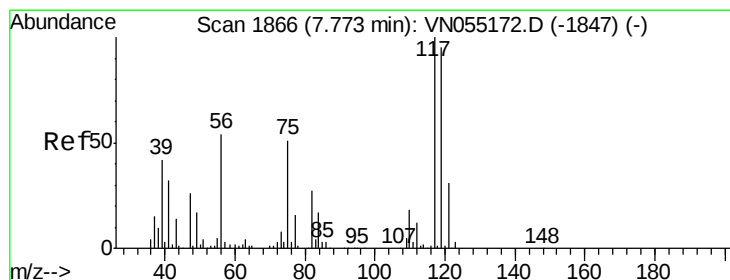
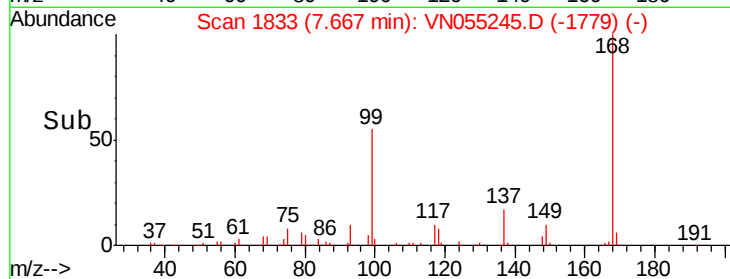
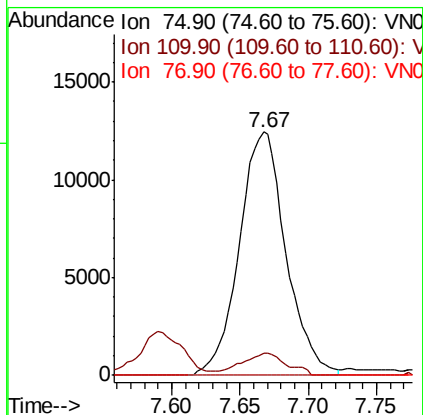
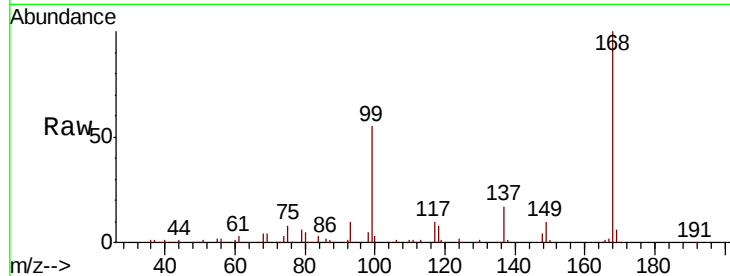




#36
 1,1-Dichloropropene
 Concen: 4.658 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

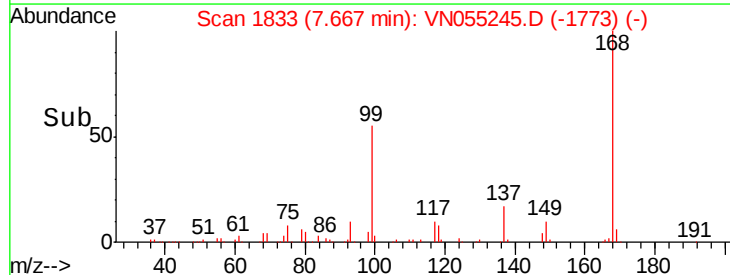
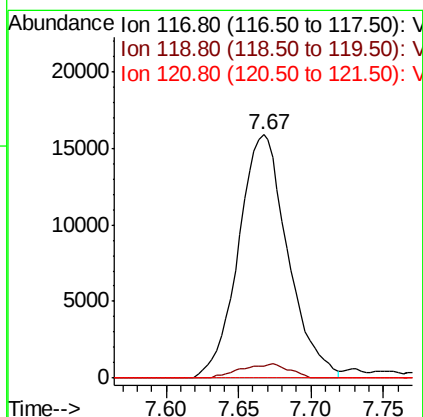
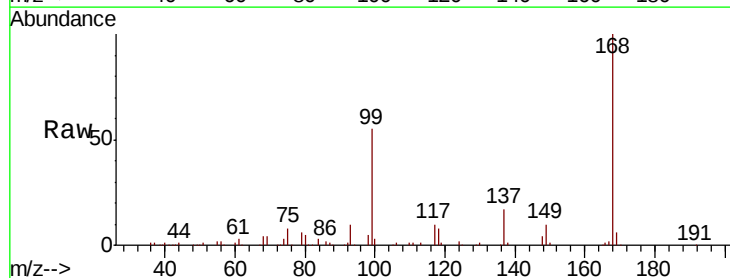
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-A

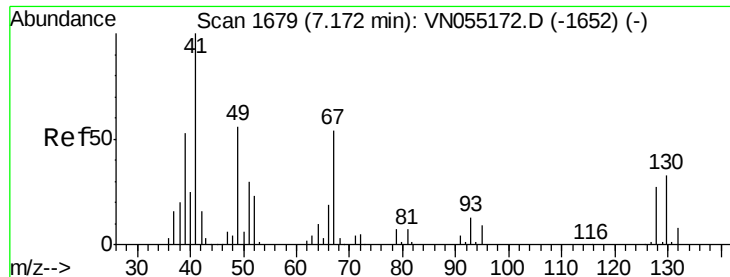
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.1	51.2#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.308 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.0	114.0#
121	0.0	24.6	36.8#

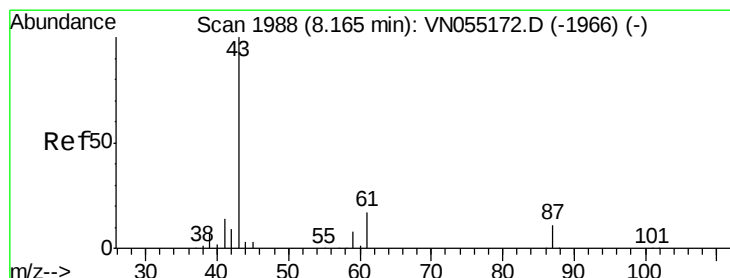
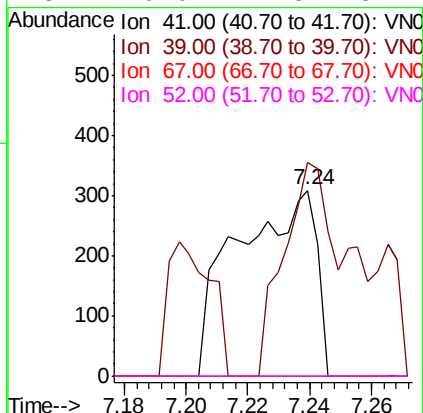
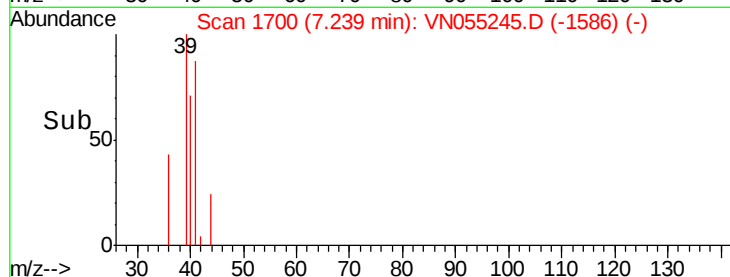
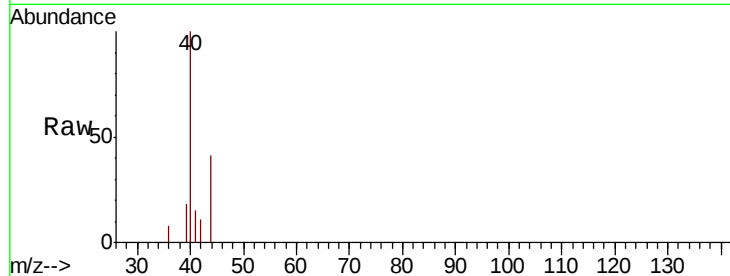




#41
Methacrylonitrile
Concen: 0.204 ug/l
RT: 7.24 min Scan# 1700
Delta R.T. 0.07 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

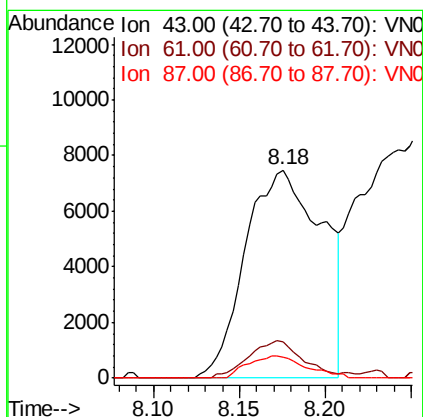
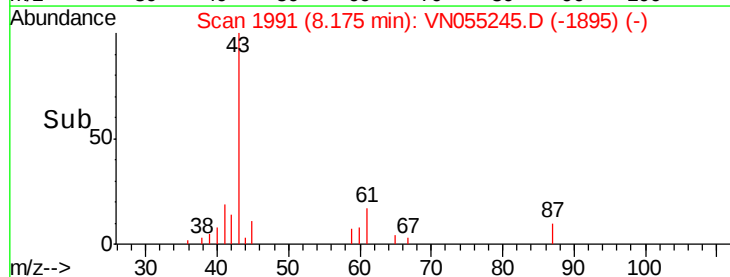
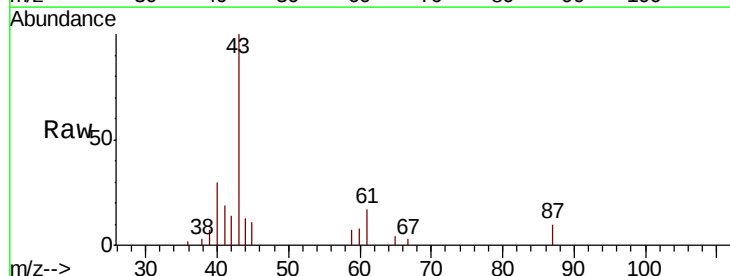
Instrument :
MSVOA_N
ClientSampled :
SU-03-042419-A

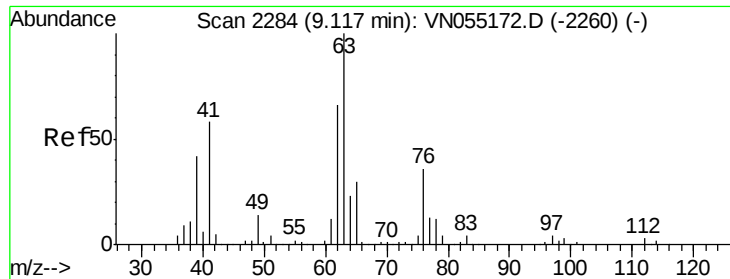
Tot Ion: 41 Resp: 548
Ion Ratio Lower Upper
41 100
39 89.1 45.4 68.0#
67 0.0 54.6 81.8#
52 0.0 22.8 34.2#



#43
Isopropyl Acetate
Concen: 2.803 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

Tgt Ion: 43 Resp: 23233
Ion Ratio Lower Upper
43 100
61 12.6 20.6 30.8#
87 8.1 8.8 13.2#





#45

1,2-Dichloropropane

Concen: 0.292 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

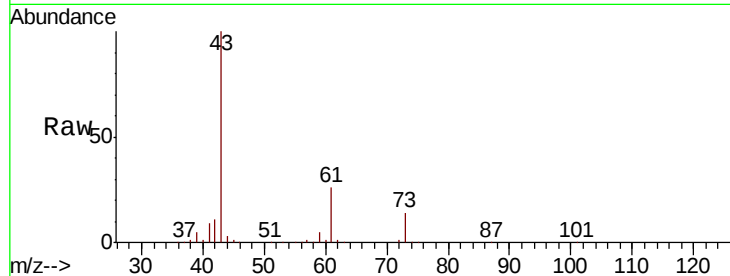
SU-03-042419-A

Tot Ion: 63 Resp: 1611

Ion Ratio Lower Upper

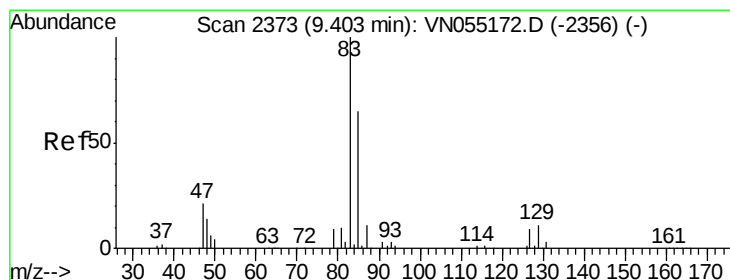
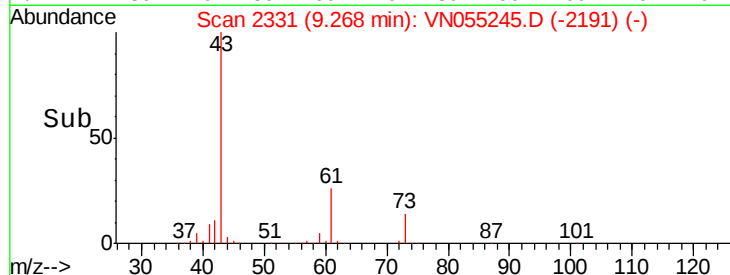
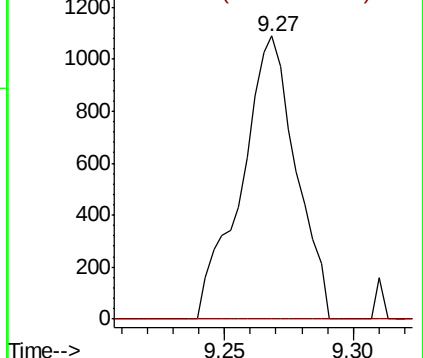
63 100

65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#47

Bromodichloromethane

Concen: 0.342 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

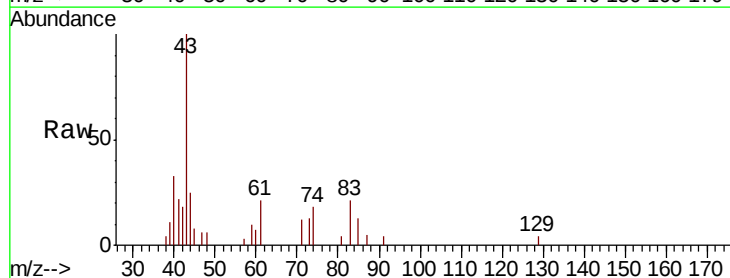
Tgt Ion: 83 Resp: 2165

Ion Ratio Lower Upper

83 100

85 60.6 52.1 78.1

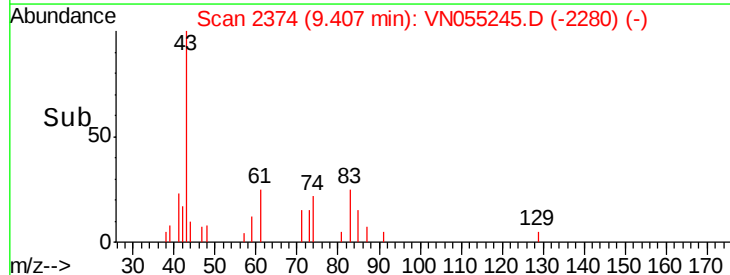
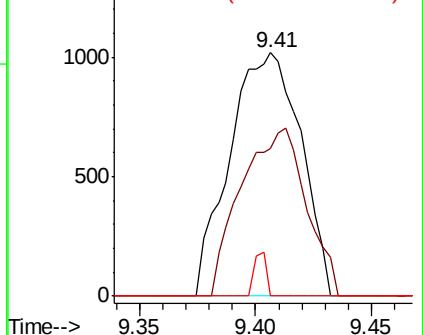
127 0.0 6.9 10.3#

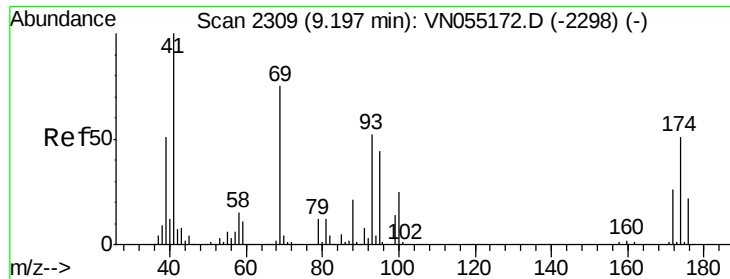


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

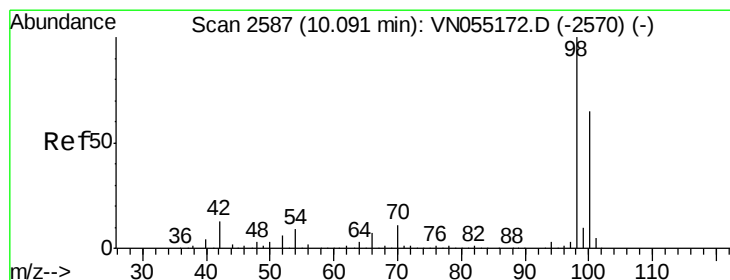
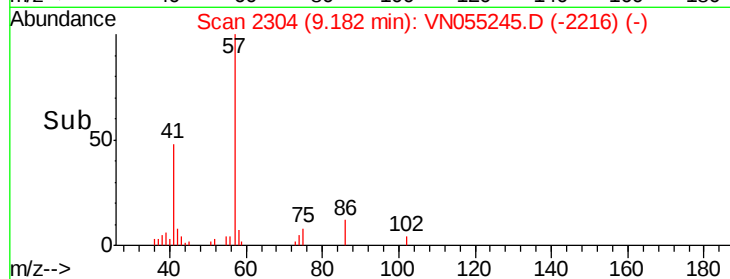
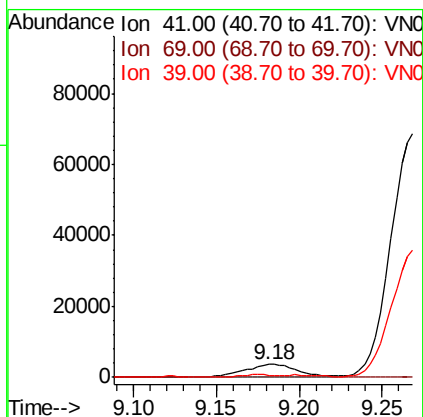
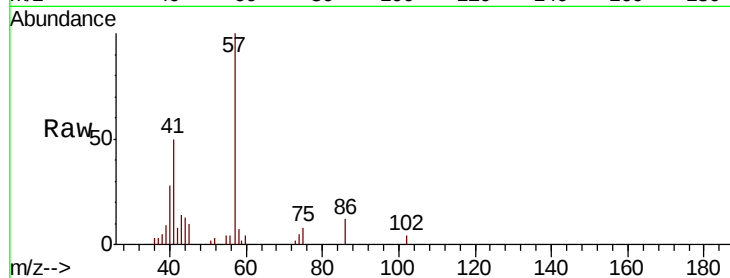




#48
Methvl methacrylate
Concen: 2.103 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

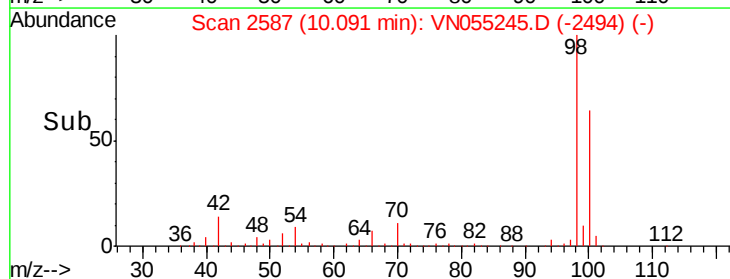
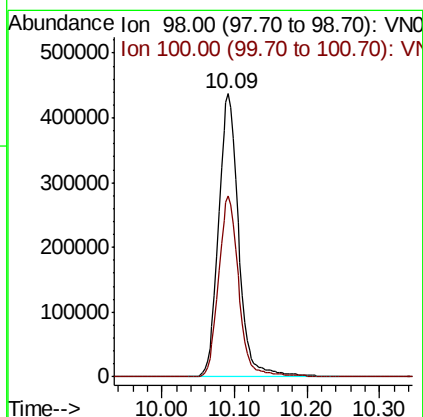
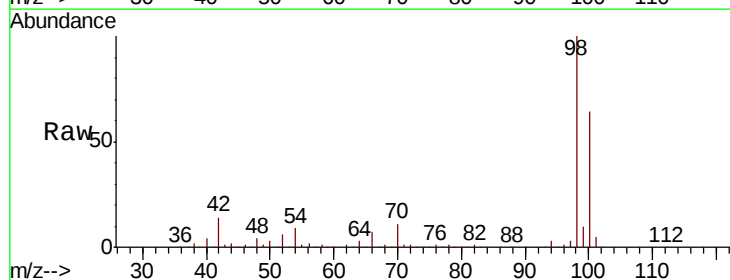
Instrument :
MSVOA_N
ClientSampled :
SU-03-042419-A

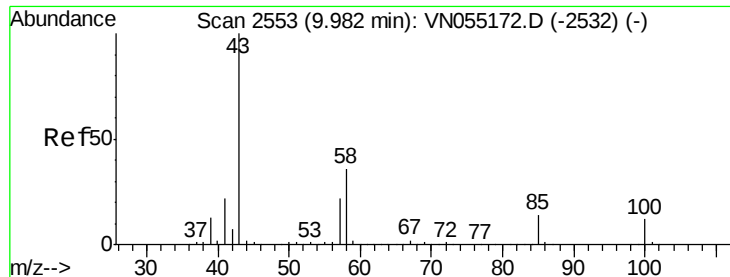
Tot Ion: 41 Resp: 8456
Ion Ratio Lower Upper
41 100
69 0.0 63.6 95.4#
39 0.0 43.8 65.8#



#50
Toluene-d8
Concen: 48.799 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

Tgt Ion: 98 Resp: 839317
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 1.320 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampled :

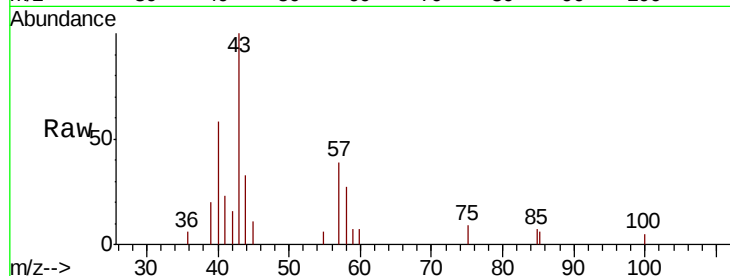
SU-03-042419-A

Tot Ion: 43 Resp: 6297

Ion Ratio Lower Upper

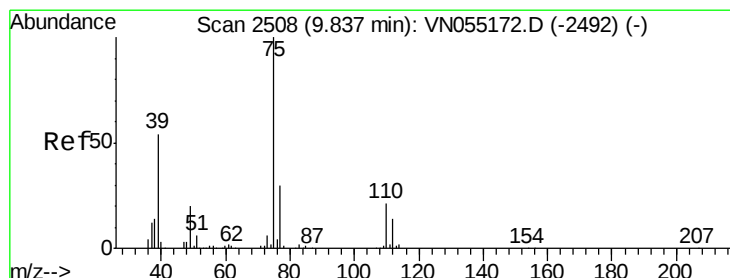
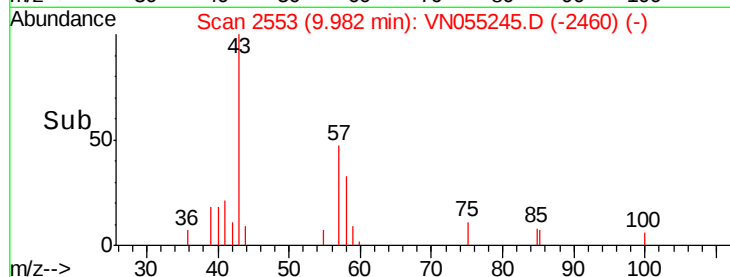
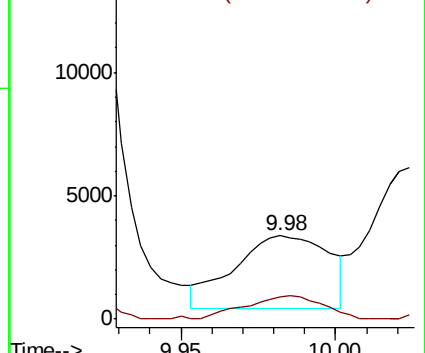
43 100

58 26.3 28.3 42.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 7.444 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

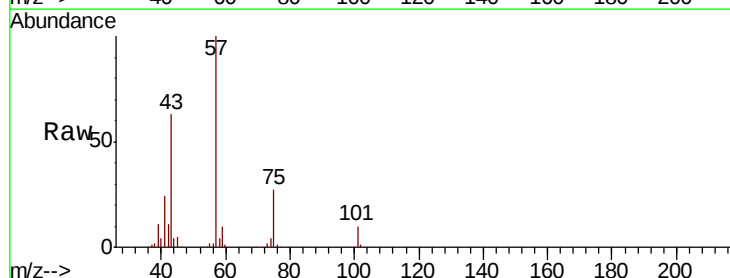
Tgt Ion: 75 Resp: 53687

Ion Ratio Lower Upper

75 100

77 0.9 24.3 36.5#

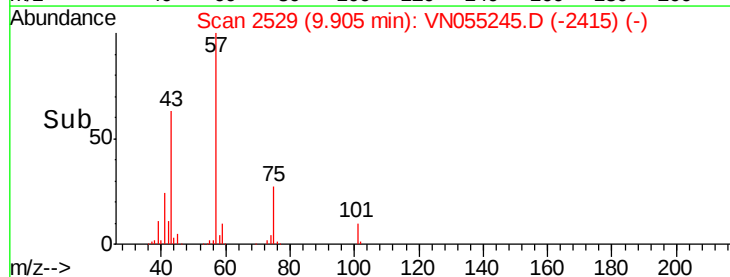
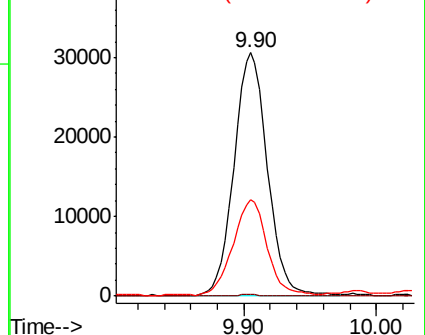
39 39.0 43.0 64.4#

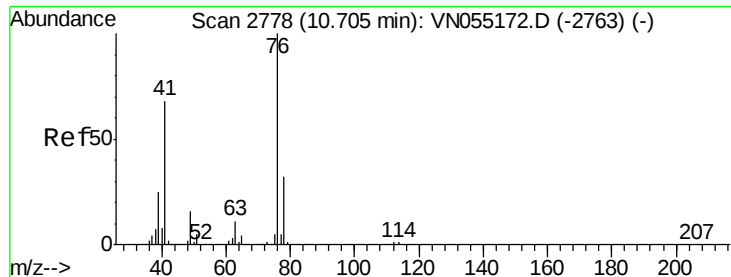


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.511 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

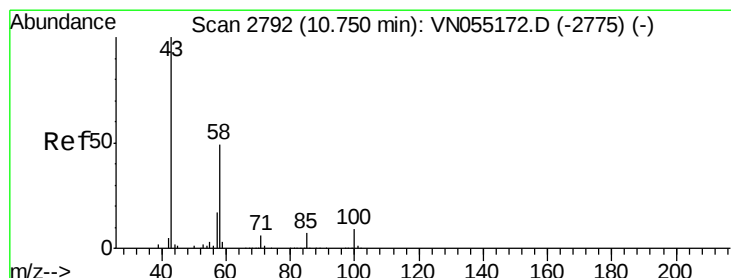
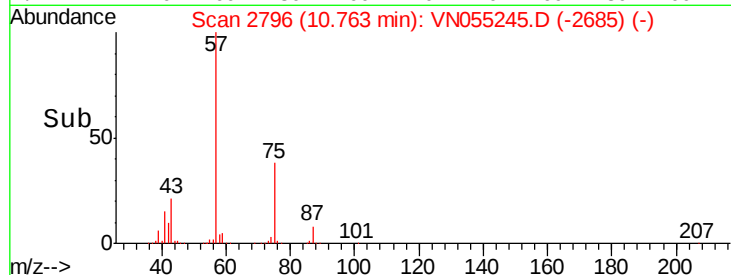
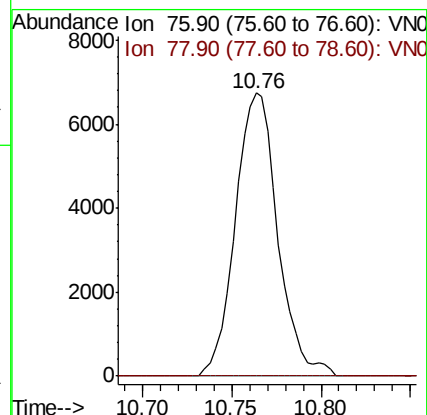
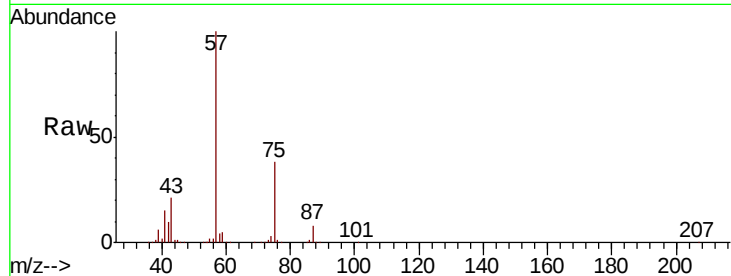
SU-03-042419-A

Tot Ion: 76 Resp: 11127

Ion Ratio Lower Upper

76 100

78 0.0 25.3 37.9#



#59

2-Hexanone

Concen: 58.007 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055245.D

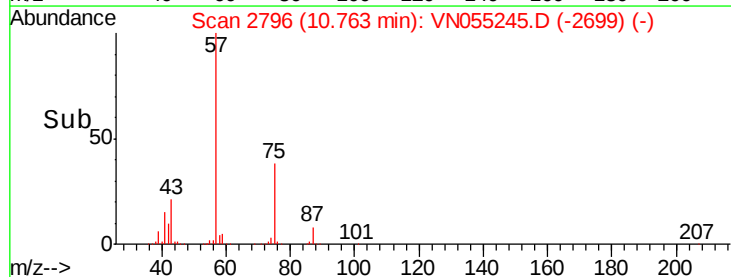
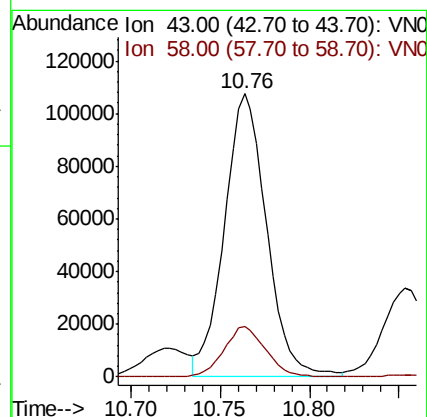
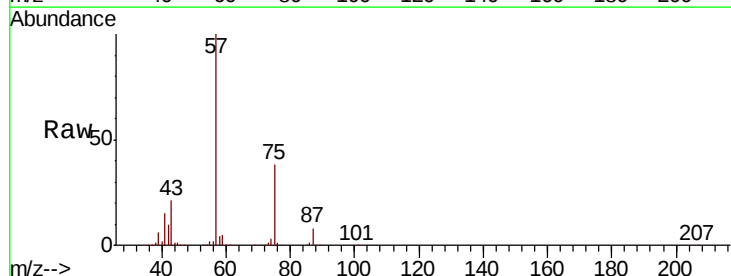
Acq: 25 Apr 2019 14:44

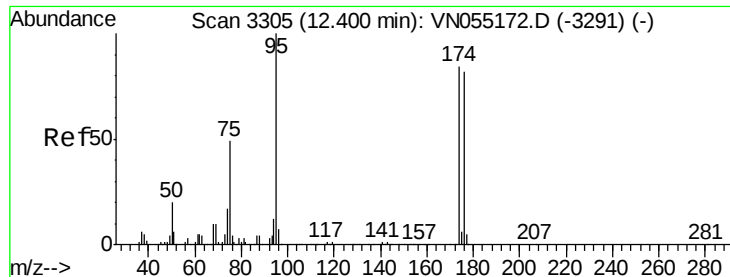
Tgt Ion: 43 Resp: 174747

Ion Ratio Lower Upper

43 100

58 18.0 24.5 73.5#





#62

4-Bromofluorobenzene

Concen: 48.841 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-A

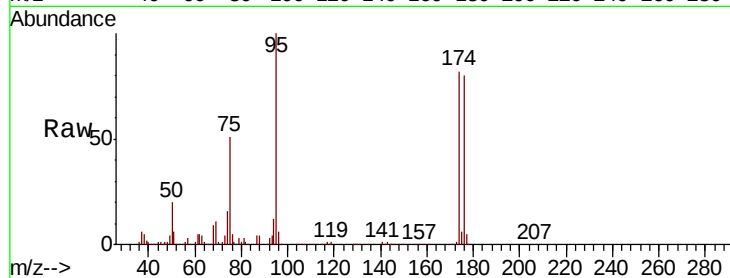
Tot Ion: 95 Resp: 266015

Ion Ratio Lower Upper

95 100

174 84.1 0.0 168.4

176 80.5 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.40

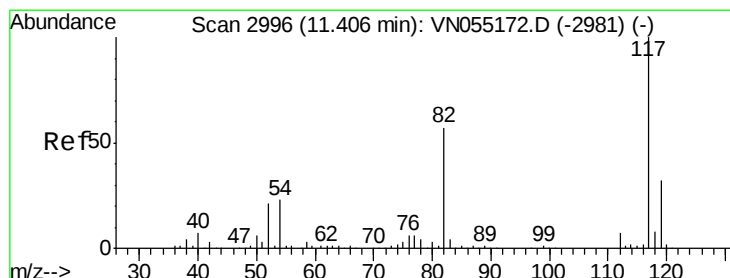
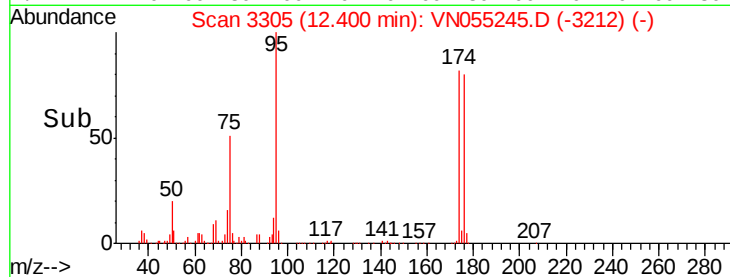
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

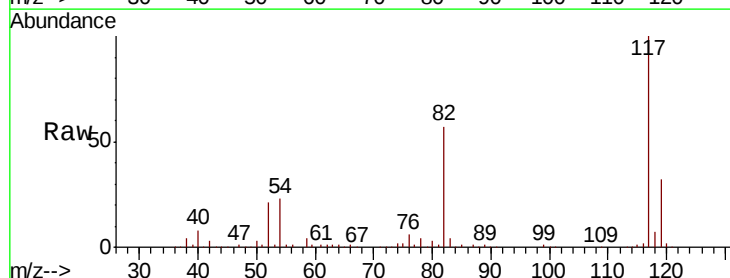
Tgt Ion: 117 Resp: 623521

Ion Ratio Lower Upper

117 100

82 56.9 45.7 68.5

119 32.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.41

400000

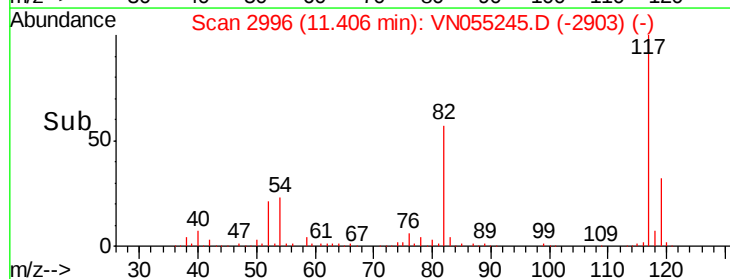
300000

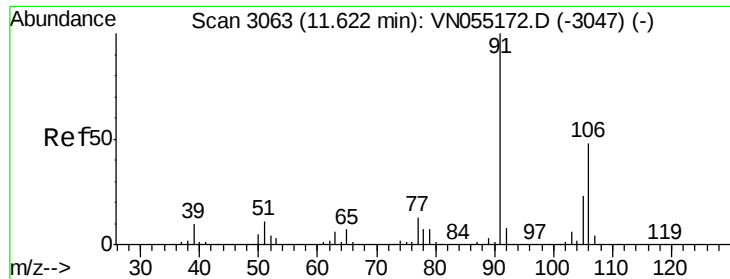
200000

100000

0

Time-->

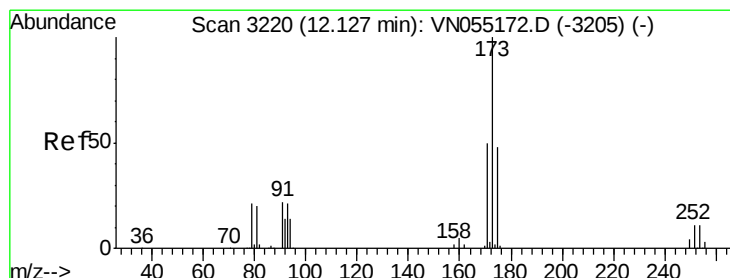
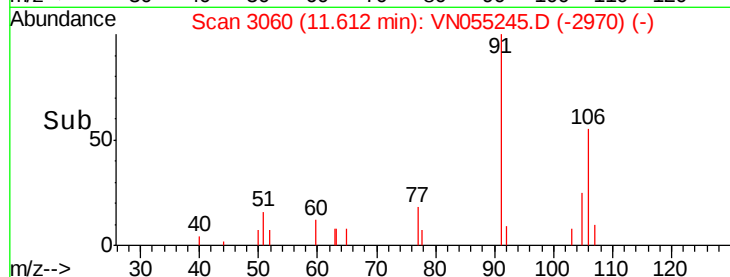
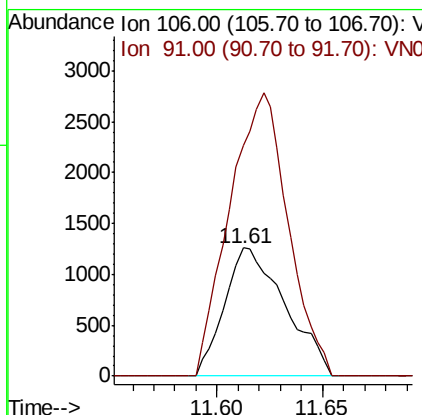
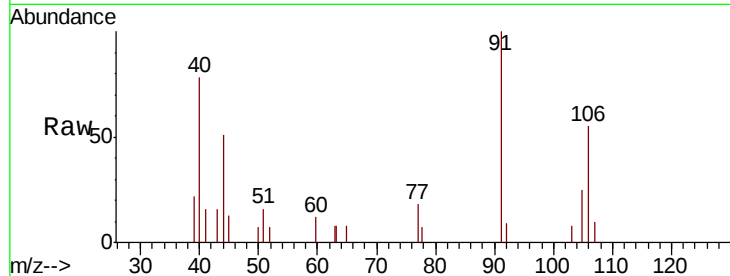




#68
m/p-Xvlenes
Concen: 0.310 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

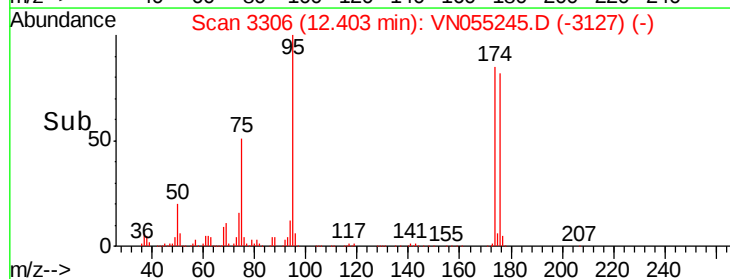
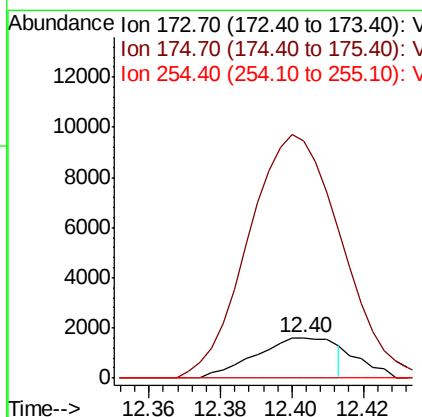
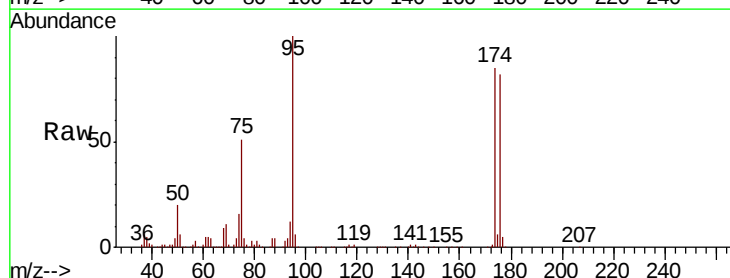
Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-A

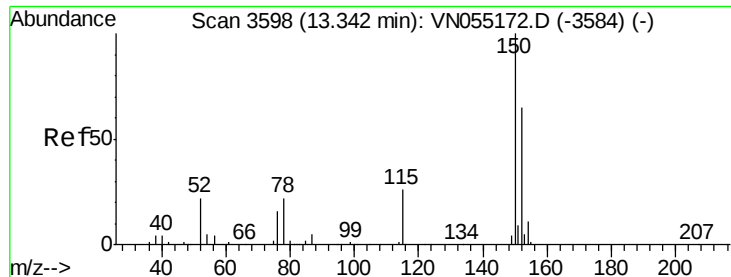
Tot Ion:106 Resp: 2517
Ion Ratio Lower Upper
106 100
91 213.3 167.1 250.7



#71
Bromoform
Concen: 0.884 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

Tgt Ion:173 Resp: 2488
Ion Ratio Lower Upper
173 100
175 611.1 23.8 71.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-A

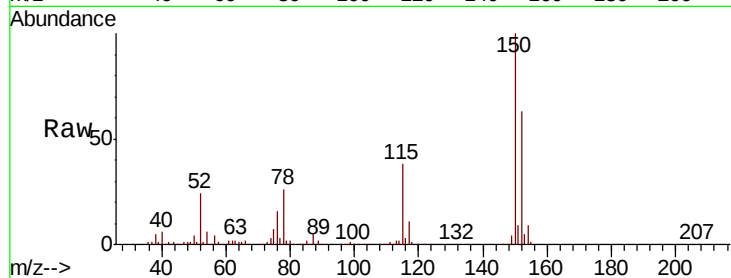
Tot Ion:152 Resp: 195329

Ion Ratio Lower Upper

152 100

115 58.2 28.9 86.7

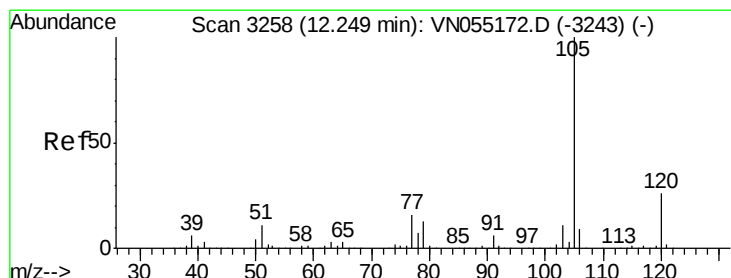
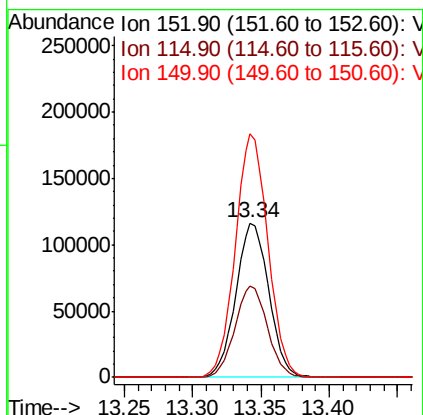
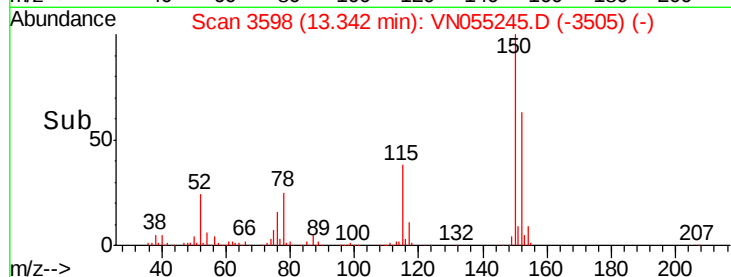
150 155.7 0.0 346.6



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: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055245.D

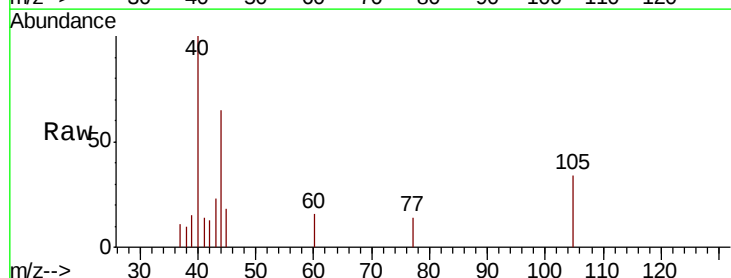
Acq: 25 Apr 2019 14:44

Tgt Ion:105 Resp: 859

Ion Ratio Lower Upper

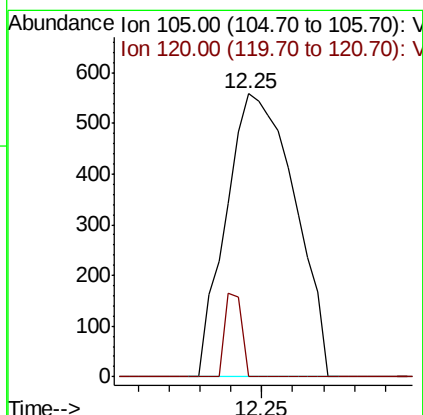
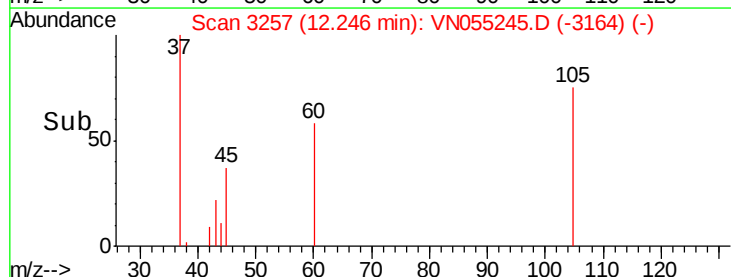
105 100

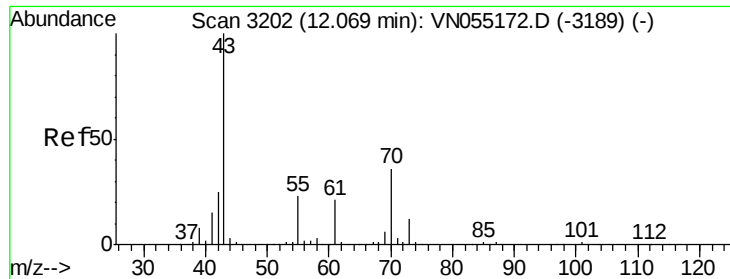
120 7.2 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.284 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-A

Tot Ion: 43 Resp: 16540

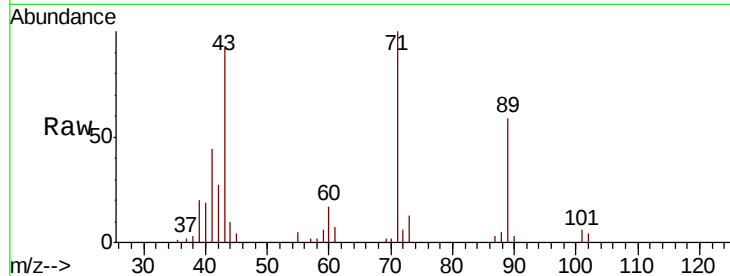
Ion Ratio Lower Upper

43 100

70 1.3 29.0 43.6#

55 5.5 18.5 27.7#

61 9.2 17.0 25.4#

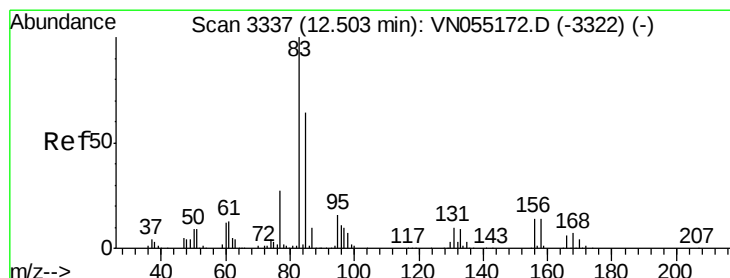
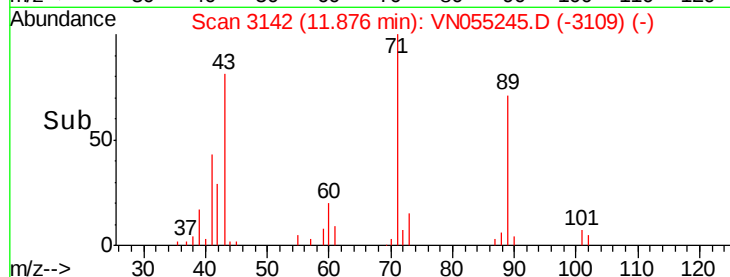
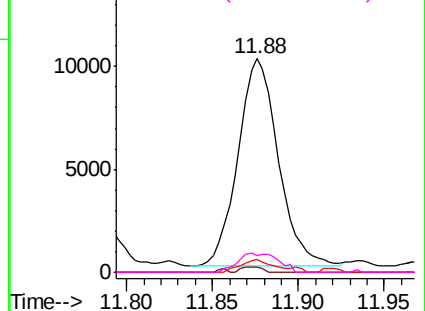


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

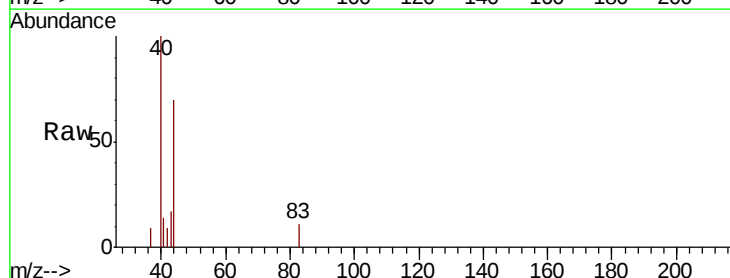
Tgt Ion: 83 Resp: 102

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

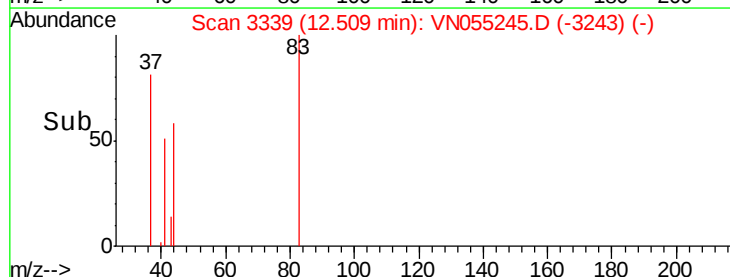
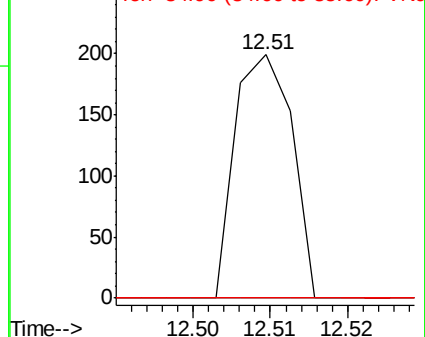
85 0.0 32.1 96.3#

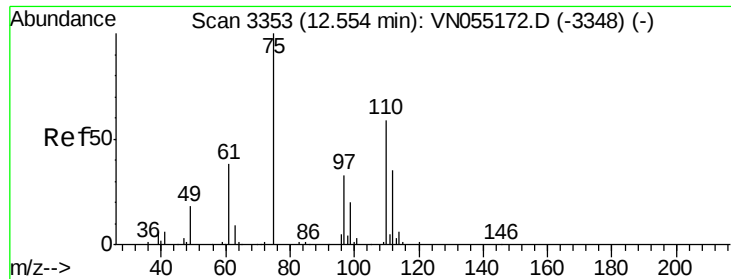


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 34.440 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

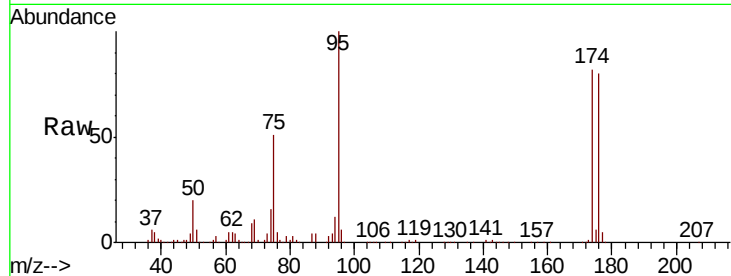
SU-03-042419-A

Tot Ion: 75 Resp: 136477

Ion Ratio Lower Upper

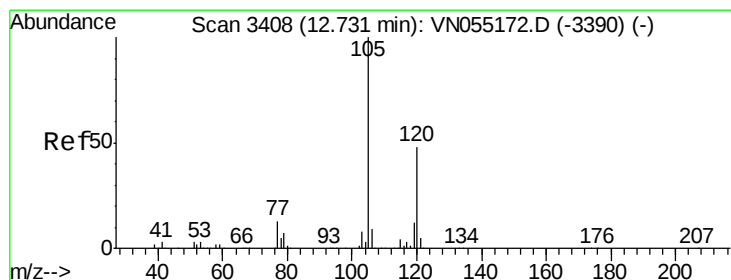
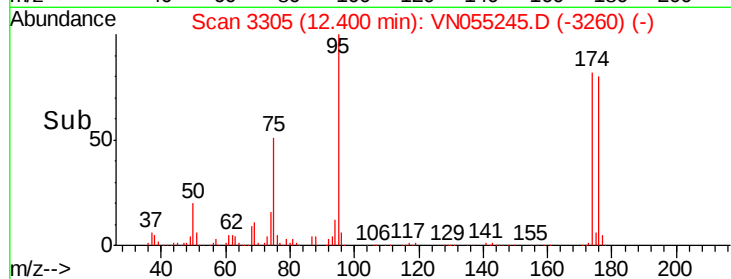
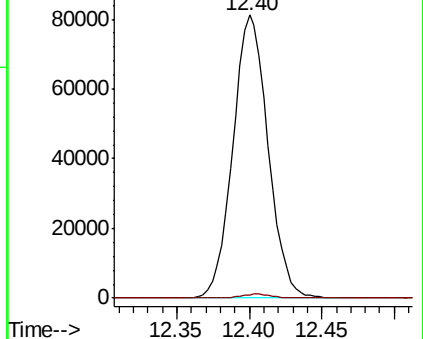
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055172.D (-3348) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.415 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055245.D

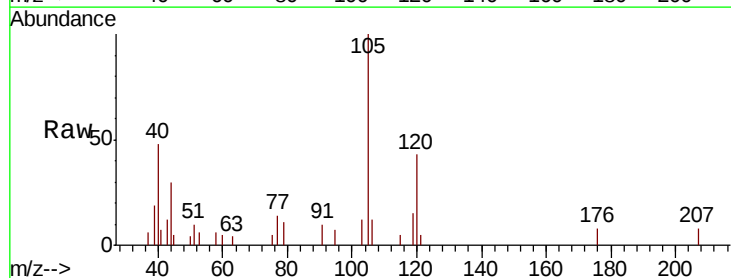
Acq: 25 Apr 2019 14:44

Tgt Ion: 105 Resp: 6070

Ion Ratio Lower Upper

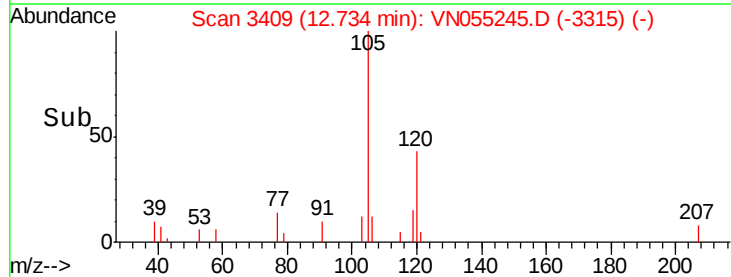
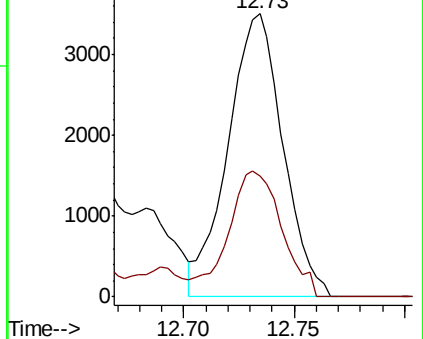
105 100

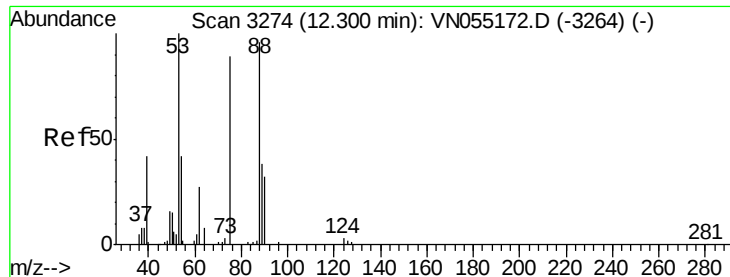
120 43.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055172.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055172.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 130.558 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampled :

SU-03-042419-A

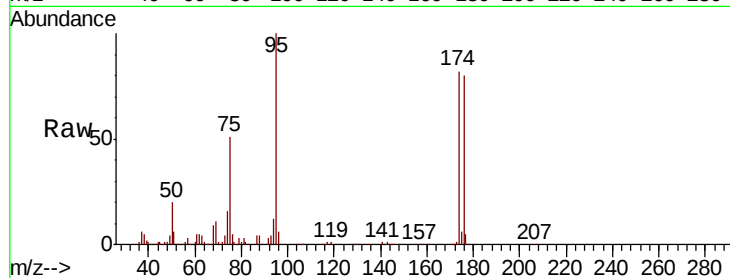
Tot Ion: 75 Resp: 136477

Ion Ratio Lower Upper

75 100

53 0.1 90.1 135.1#

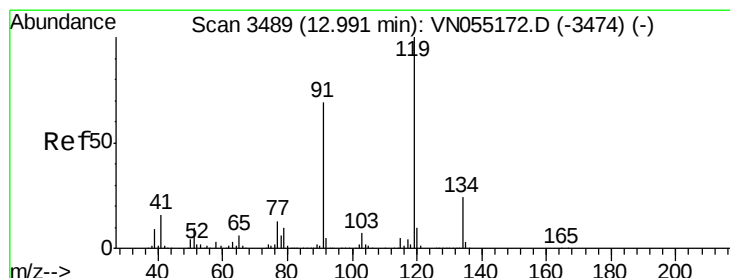
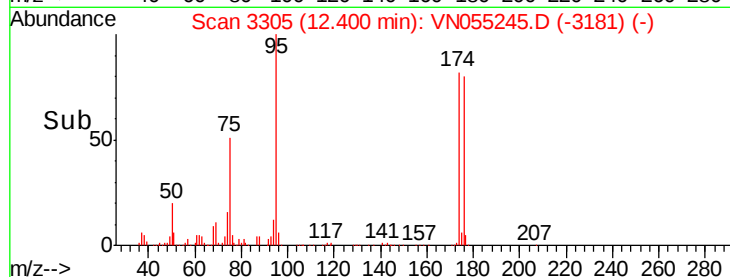
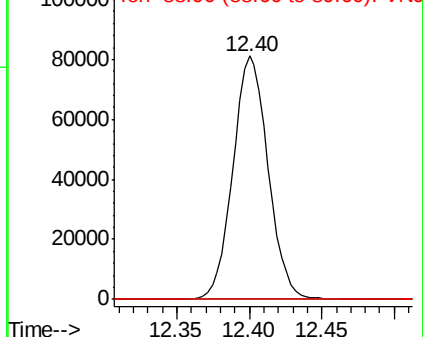
89 0.0 36.7 55.1#



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: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

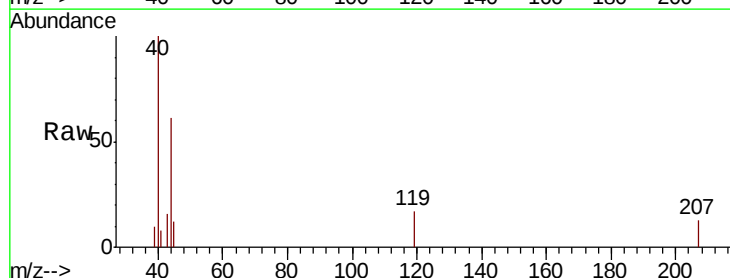
Tgt Ion: 119 Resp: 188

Ion Ratio Lower Upper

119 100

91 73.4 33.8 101.3

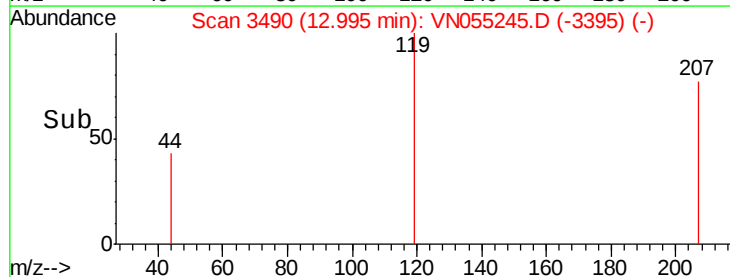
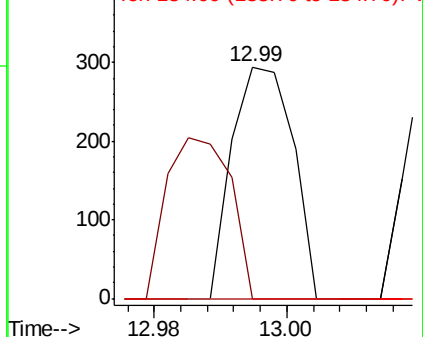
134 0.0 13.2 39.5#

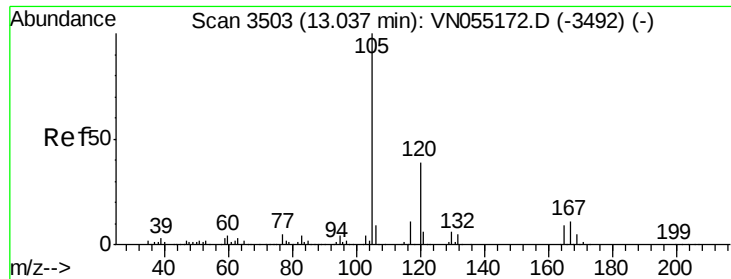


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

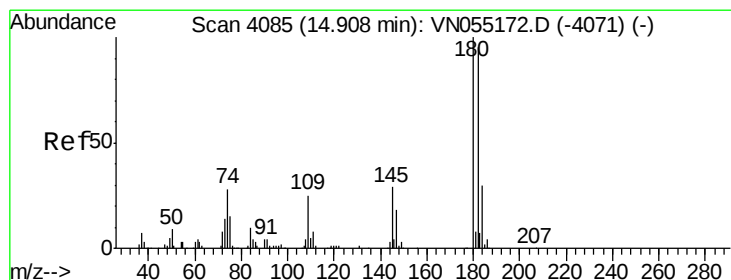
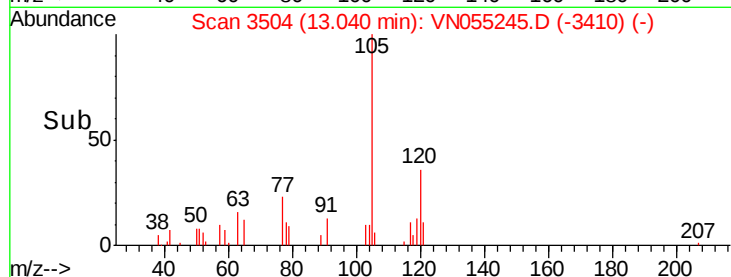
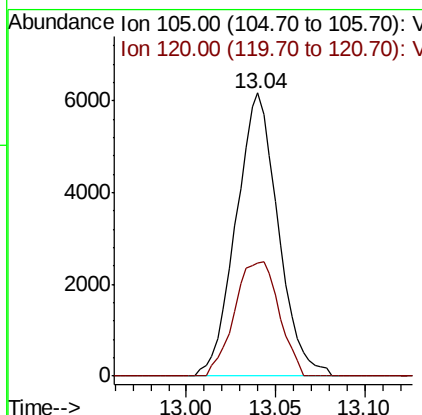
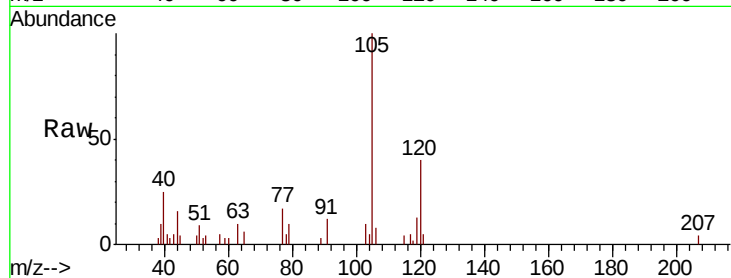




#84
 1,2,4-Trimethylbenzene
 Concen: 0.735 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

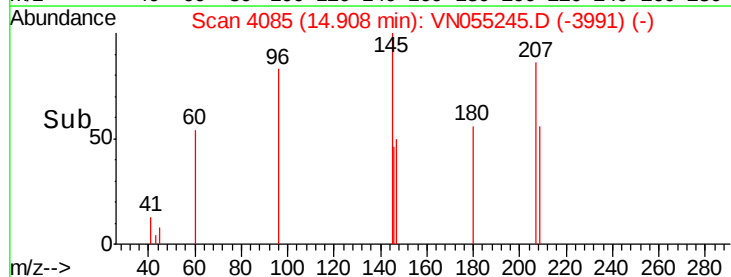
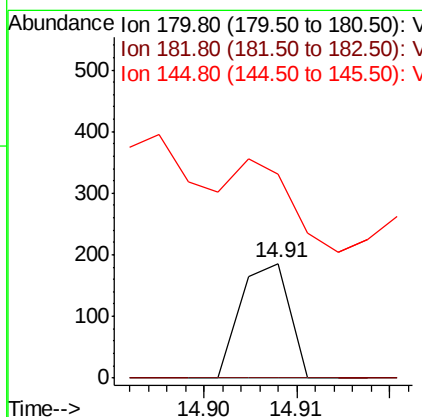
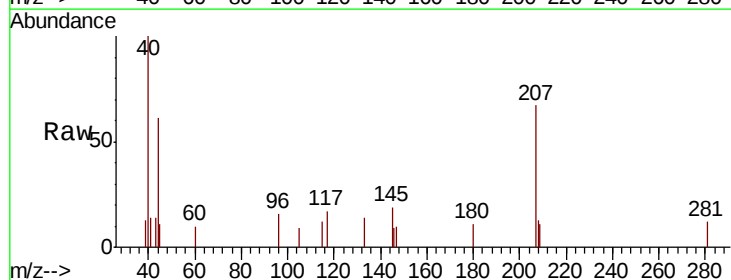
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-A

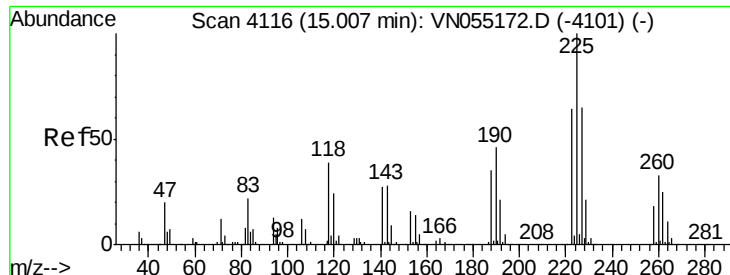
Tot Ion:105 Resp: 10148
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.7 68.1



#93
 1,2,4-Trichlorobenzene
 Concen: 2.760 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

Tgt Ion:180 Resp: 68
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.4#
 145 638.2 14.5 43.5#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-A

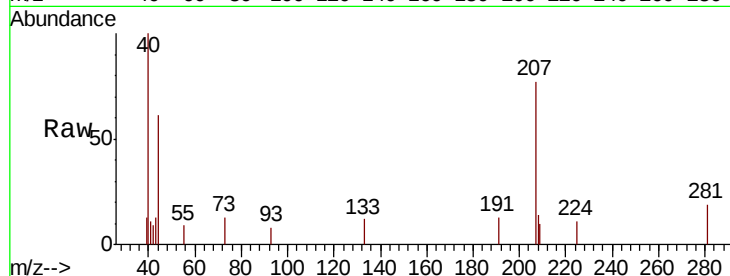
Tot Ion:225 Resp: 107

Ion Ratio Lower Upper

225 100

223 0.0 32.2 96.6#

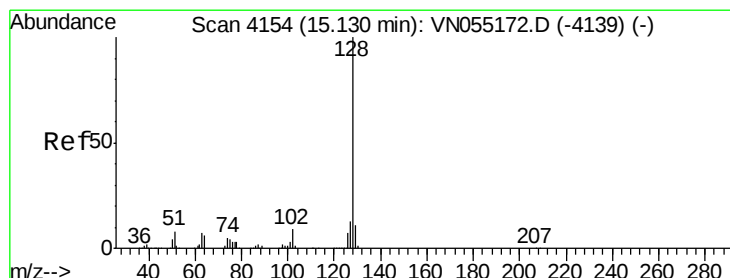
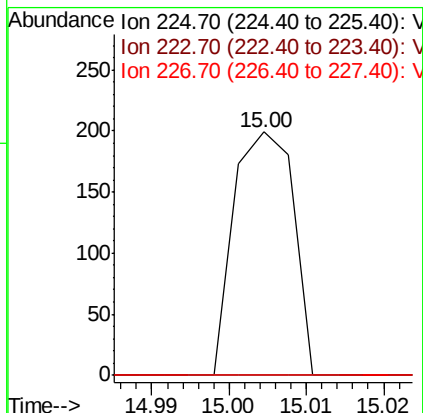
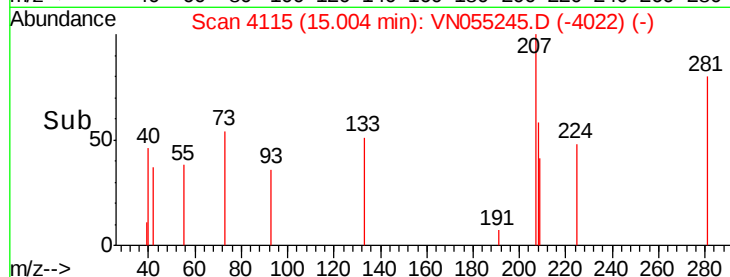
227 0.0 32.6 98.0#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 7.280 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

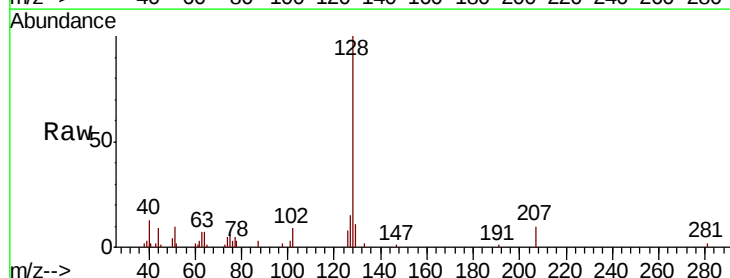
Tgt Ion:128 Resp: 26203

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

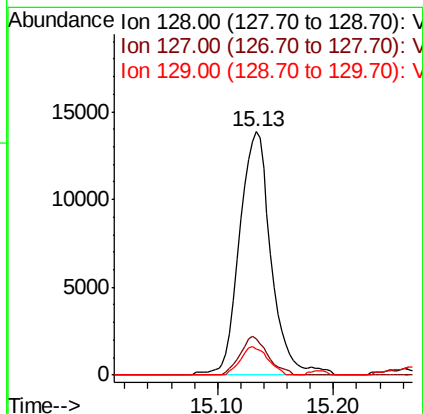
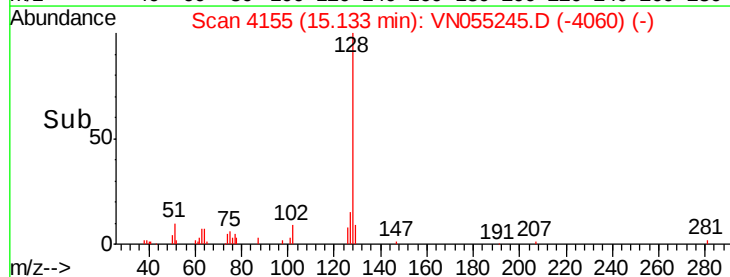
129 10.1 8.8 13.2

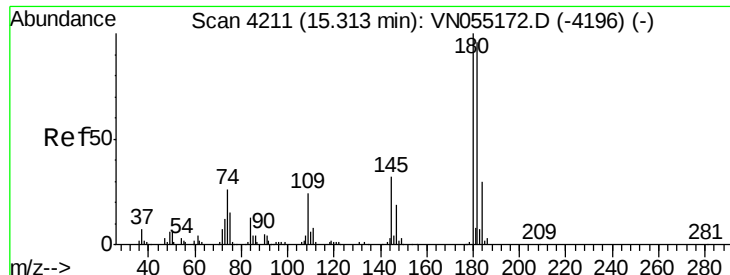


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.170 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-A

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.2	141.6#
145	292.8	15.4	46.1#

