

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055080.D
 Acq On : 16 Apr 2019 16:00
 Operator : JC/SP
 Sample : K2422-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP3-S

Quant Time: Apr 17 01:39:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	541043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	858224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	718821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	336672	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	7.59	113	278420	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	10.09	98	1024499	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	302799	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	

Target Compounds

						Qvalue
13) Acrolein	3.60	56	278	0.571	ug/l #	75
16) Acetone	3.81	43	8948	4.584	ug/l	92
18) Methyl Acetate	4.33	43	3640	0.212	ug/l #	62
20) Methylene Chloride	4.54	84	121010	17.635	ug/l	96
25) 2-Butanone	6.86	43	969	0.333	ug/l #	53
29) Tetrahydrofuran	7.23	42	1152	0.603	ug/l #	49
30) Chloroform	7.37	83	6751	0.604	ug/l	86
31) Cyclohexane	7.66	56	11637	Below Cal	#	8
36) 1,1-Dichloropropene	7.67	75	40539	5.011	ug/l #	49
38) Carbon Tetrachloride	7.66	117	50255	6.529	ug/l #	17
43) Isopropyl Acetate	8.17	43	13989	1.378	ug/l #	93
47) Bromodichloromethane	9.40	83	1814	0.227	ug/l #	77
48) Methyl methacrylate	9.18	41	6123	1.217	ug/l #	17
49) 1,4-Dioxane	9.21	88	80	1.697	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4566	0.779	ug/l	96
52) Toluene	10.15	92	5082	0.364	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	47001	5.430	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	9457	1.032	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.69	63	65	10.759	ug/l #	50
59) 2-Hexanone	10.76	43	152807	41.493	ug/l #	55
67) Ethyl Benzene	11.51	91	5354	0.207	ug/l	97
68) m/p-Xylenes	11.62	106	12394	1.325	ug/l	97
69) o-Xylene	11.94	106	7537	0.832	ug/l	91
71) Bromoform	12.40	173	3041	0.997	ug/l #	1
74) N-amyl acetate	12.07	43	1588	0.279	ug/l #	78
76) 1,2,3-Trichloropropane	12.40	75	151151	36.953	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10202	0.626	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	151151	147.768	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	14477	0.938	ug/l	94
89) n-Butylbenzene	13.61	91	3066	0.275	ug/l	92
93) 1,2,4-Trichlorobenzene	14.90	180	2304	3.302	ug/l	80
94) Hexachlorobutadiene	15.00	225	1016	0.427	ug/l	92
95) Naphthalene	15.13	128	8771	4.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	2301	0.775	ug/l	90

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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

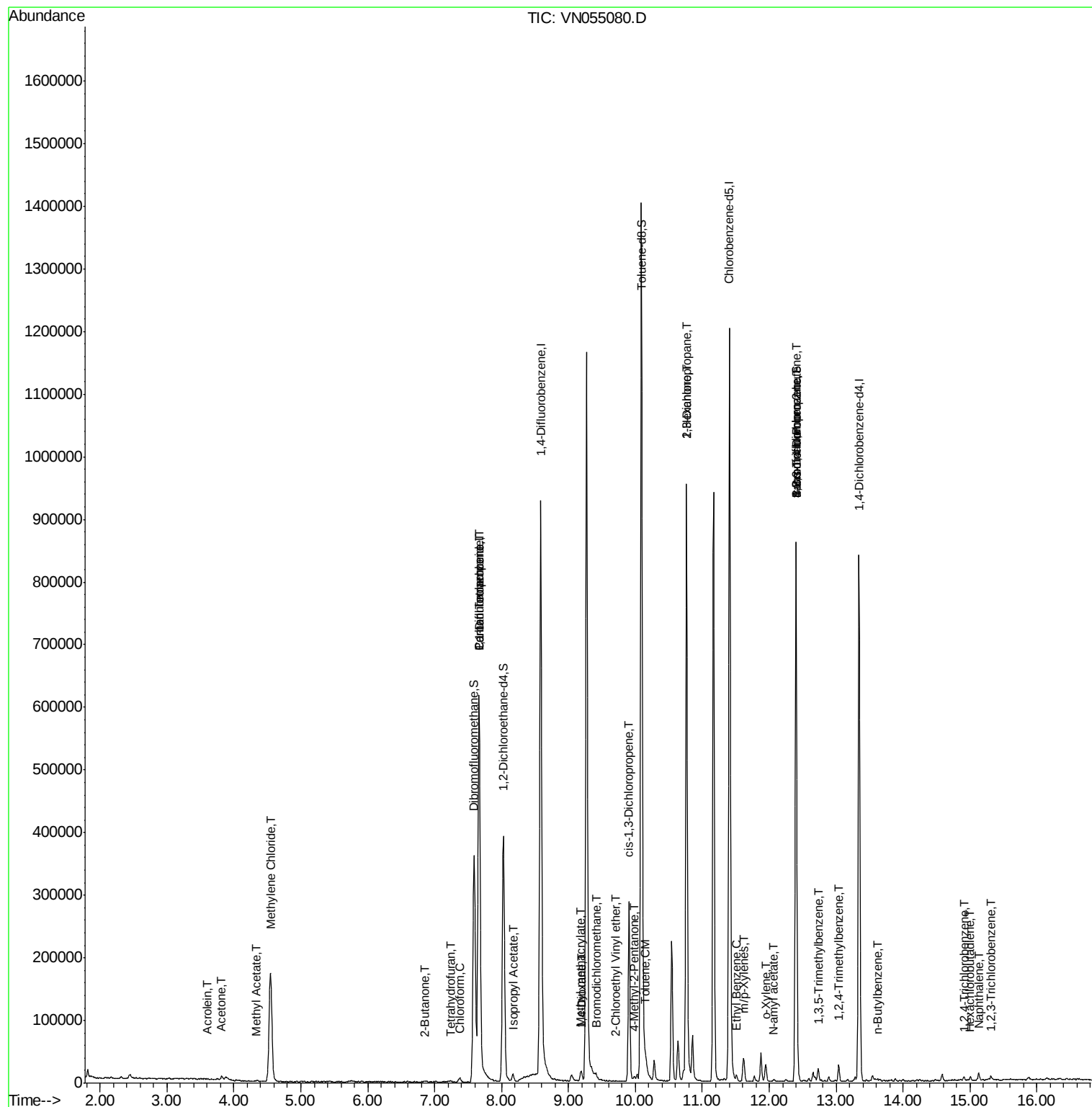
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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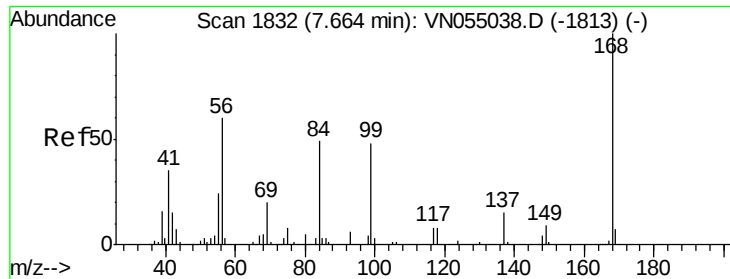
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041619\
Data File : VN055080.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

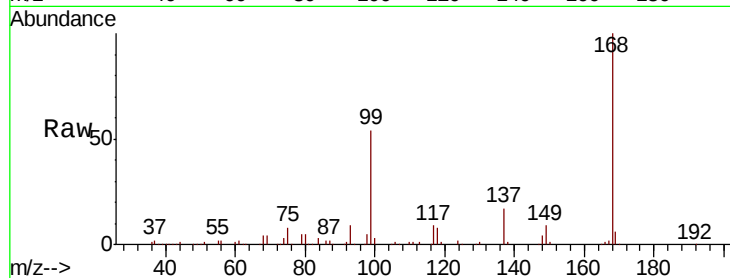
TP3-S

Tot Ion:168 Resp: 541043

Ion Ratio Lower Upper

168 100

99 54.0 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055080.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055080.D (-1739) (-)

7.67

250000

200000

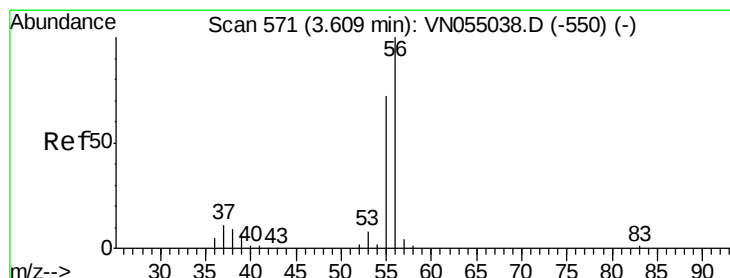
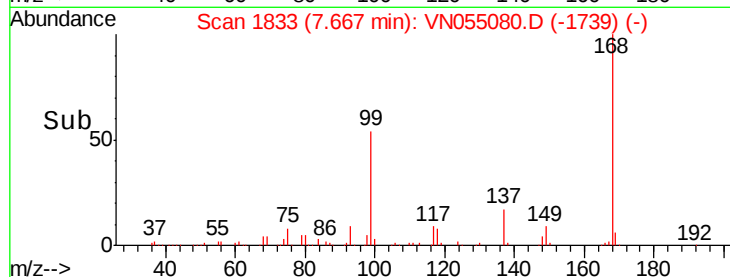
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.571 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN055080.D

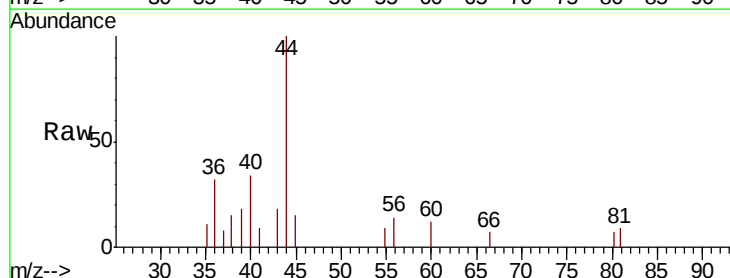
Acq: 16 Apr 2019 16:00

Tgt Ion: 56 Resp: 278

Ion Ratio Lower Upper

56 100

55 52.9 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN055080.D (-478) (-)

Ion 55.00 (54.70 to 55.70): VN055080.D (-478) (-)

3.60

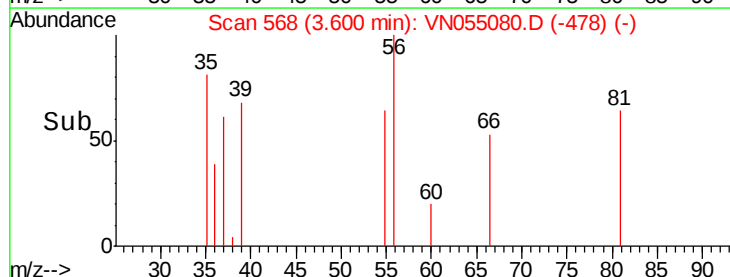
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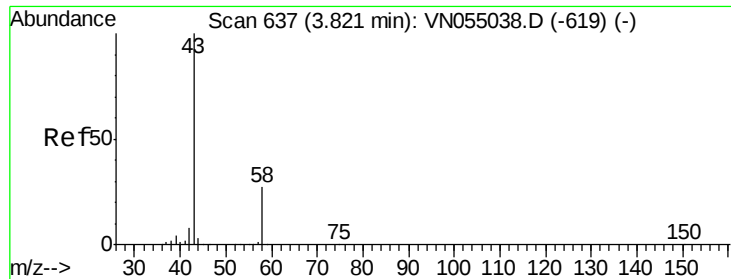
200

100

0

Time-->





#16

Acetone

Concen: 4.584 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.01 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

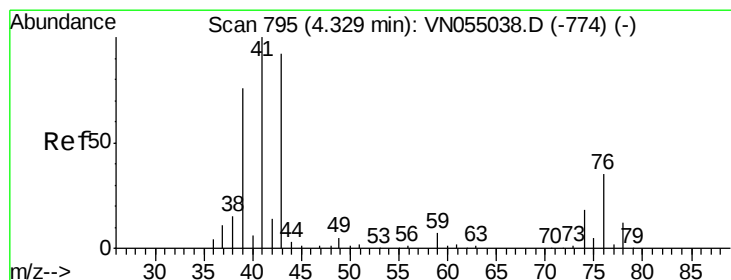
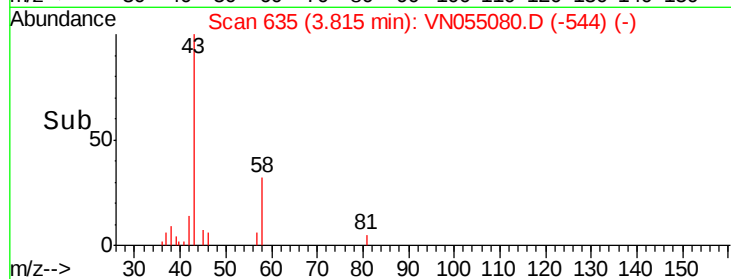
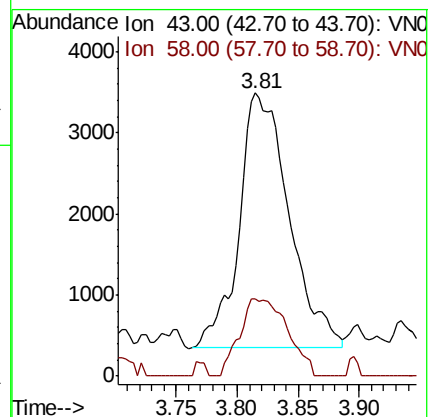
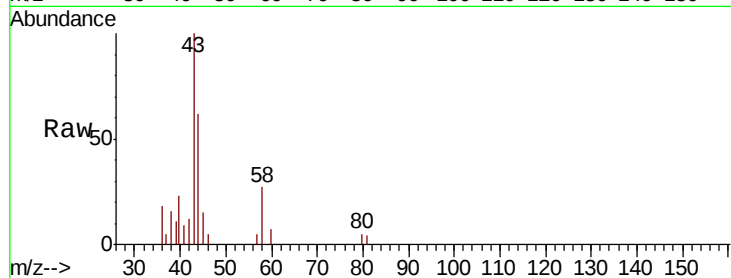
TP3-S

Tot Ion: 43 Resp: 8948

Ion Ratio Lower Upper

43 100

58 30.3 20.9 31.3



#18

Methyl Acetate

Concen: 0.212 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN055080.D

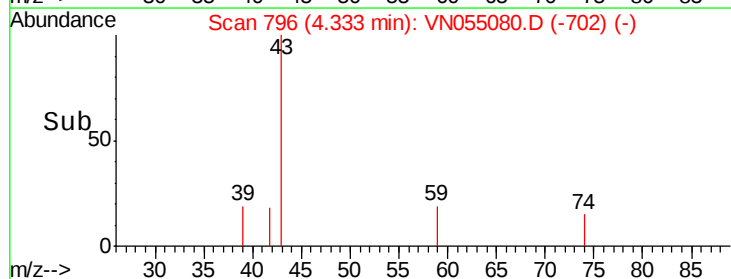
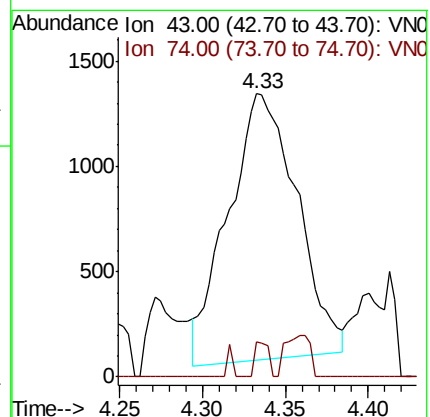
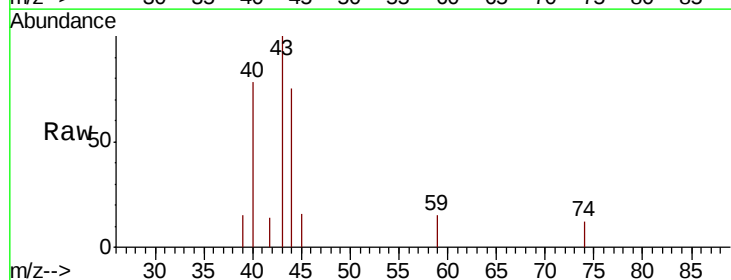
Acq: 16 Apr 2019 16:00

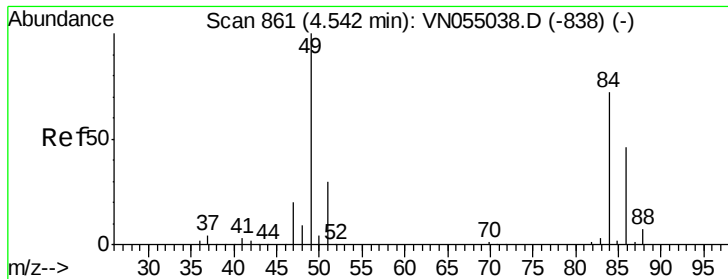
Tgt Ion: 43 Resp: 3640

Ion Ratio Lower Upper

43 100

74 2.5 16.1 24.1#

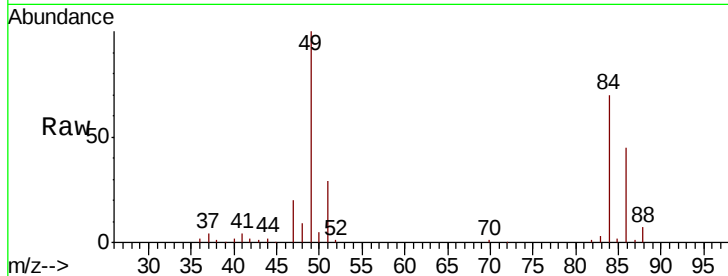




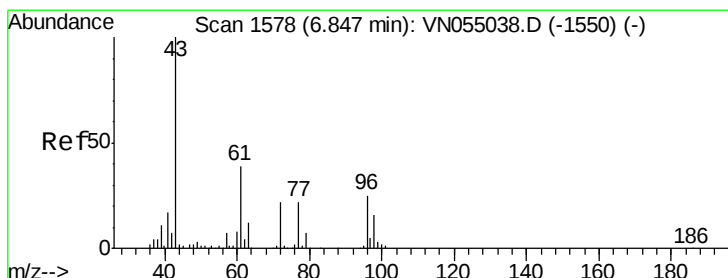
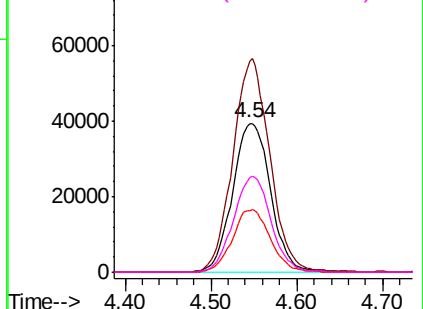
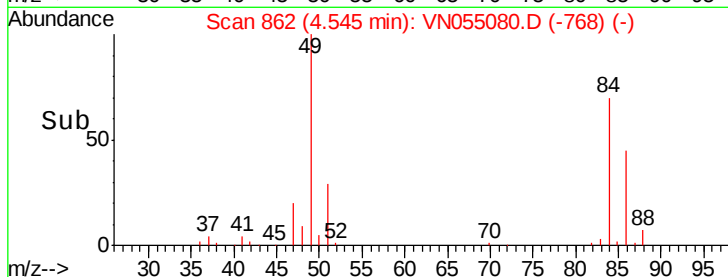
#20
Methylene Chloride
Concen: 17.635 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Instrument :
MSVOA_N
ClientSampled :
TP3-S

Tot Ion: 84 Resp: 121010
Ion Ratio Lower Upper
84 100
49 142.1 109.4 164.2
51 41.6 32.2 48.4
86 63.8 49.3 73.9

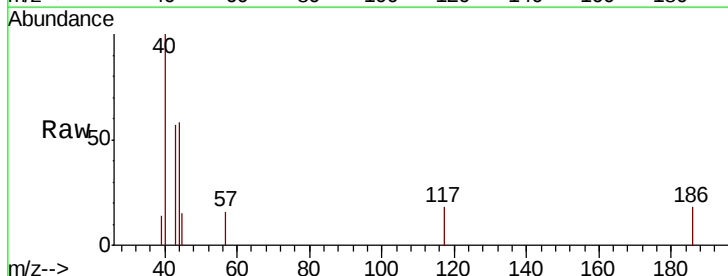


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

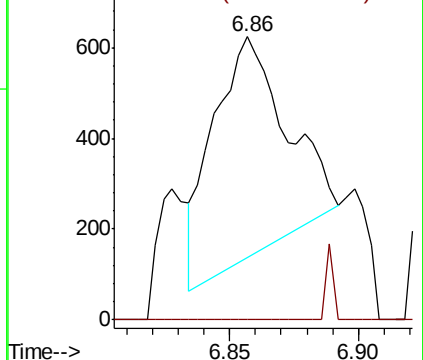
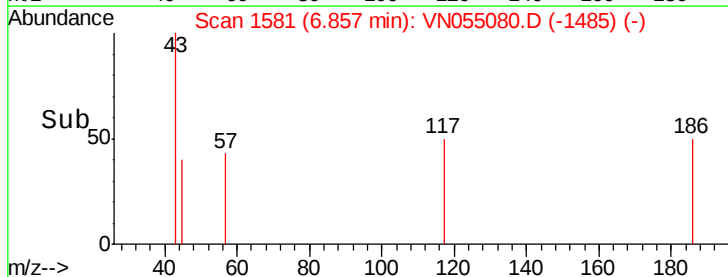


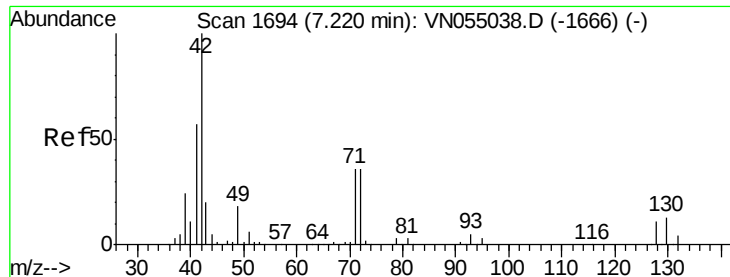
#25
2-Butanone
Concen: 0.333 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
72 0.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO

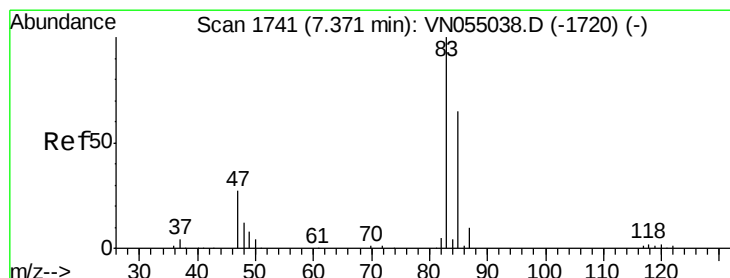
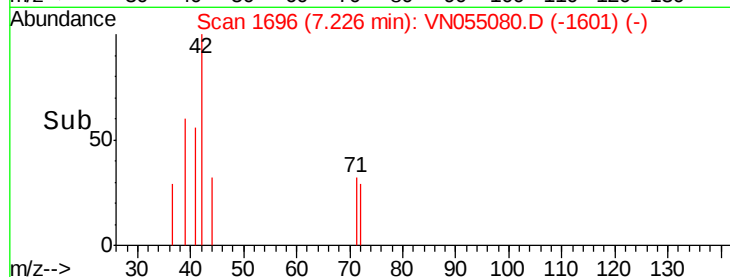
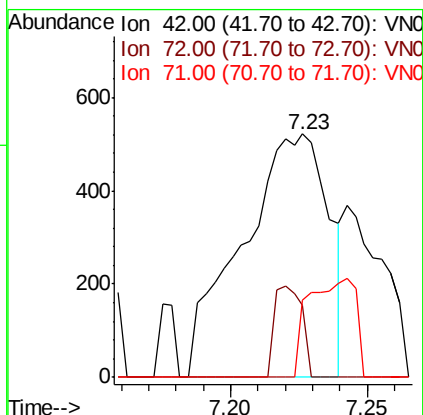
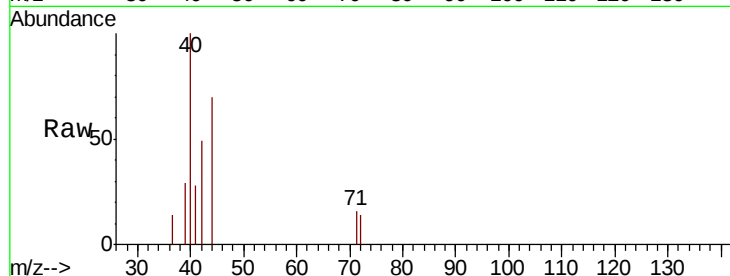




#29
Tetrahydrofuran
Concen: 0.603 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

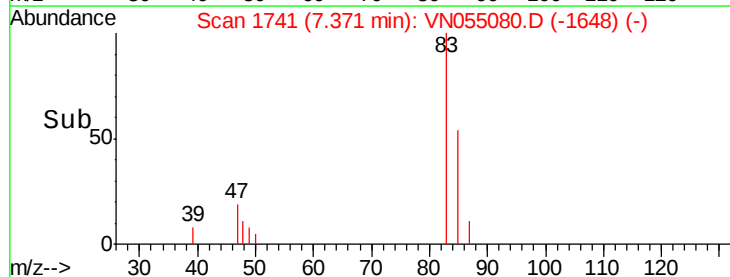
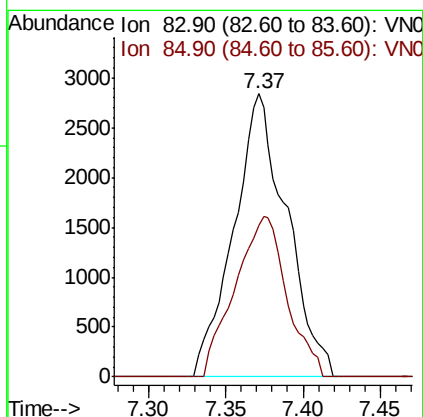
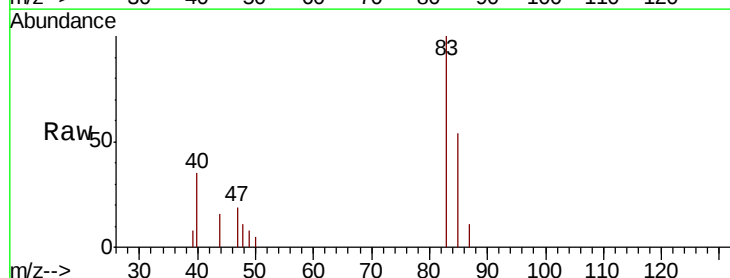
Instrument :
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ClientSampled :
TP3-S

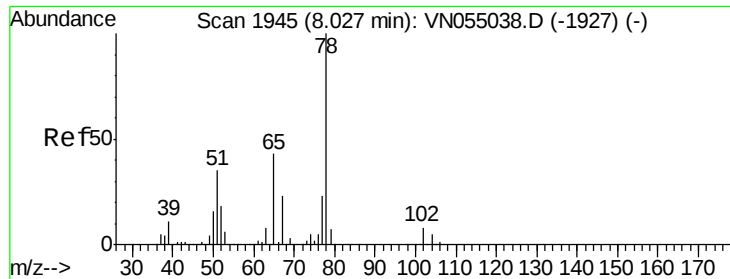
Tot Ion: 42 Resp: 1152
Ion Ratio Lower Upper
42 100
72 12.0 29.4 44.0#
71 0.0 27.8 41.6#



#30
Chloroform
Concen: 0.604 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Tgt Ion: 83 Resp: 6751
Ion Ratio Lower Upper
83 100
85 53.7 51.8 77.6

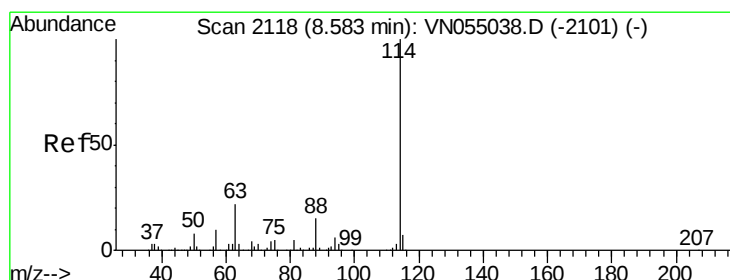
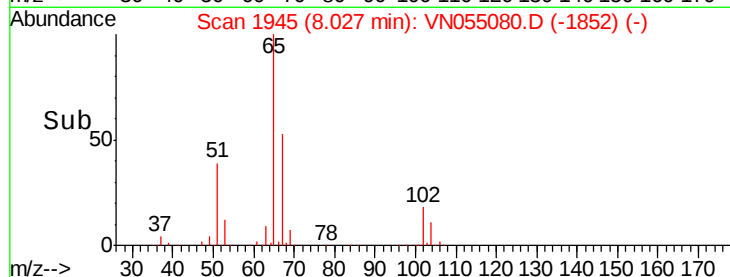
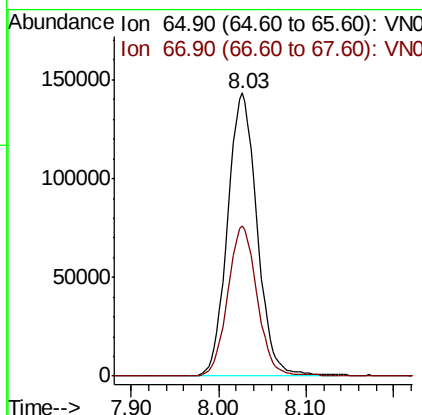
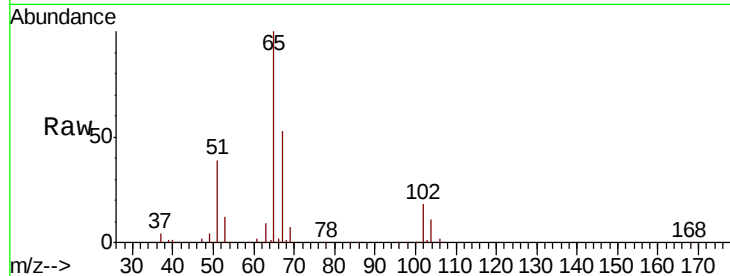




#33
 1,2-Dichloroethane-d4
 Concen: 46.813 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055080.D
 Acq: 16 Apr 2019 16:00

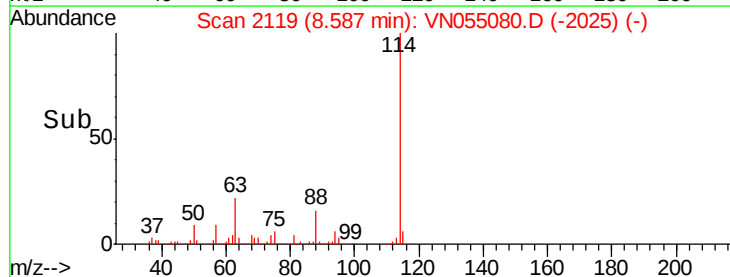
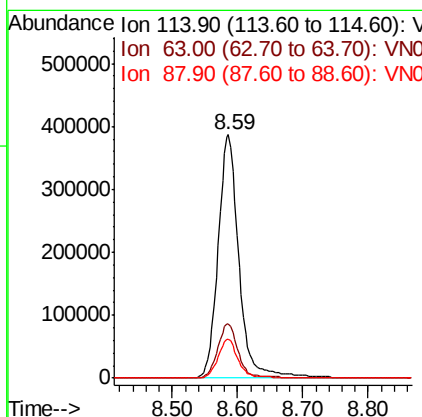
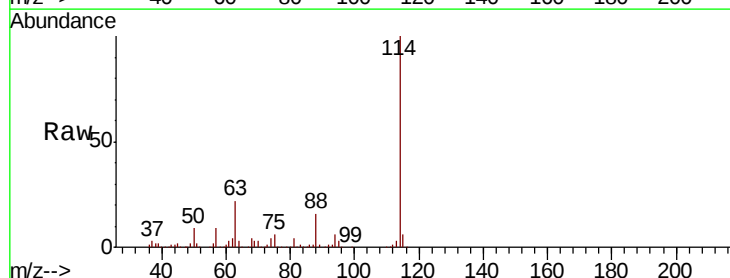
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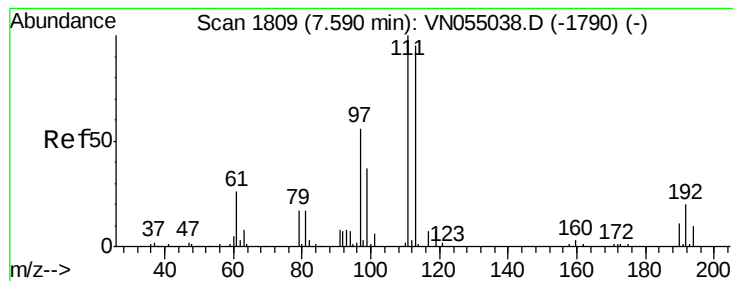
Tot Ion: 65 Resp: 336672
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055080.D
 Acq: 16 Apr 2019 16:00

Tgt Ion: 114 Resp: 858224
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.2
 88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.543 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

TP3-S

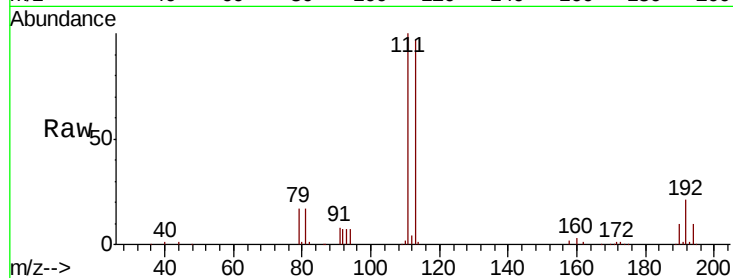
Tot Ion:113 Resp: 278420

Ion Ratio Lower Upper

113 100

111 101.1 82.1 123.1

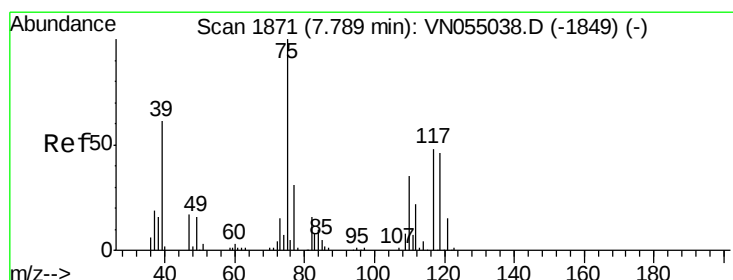
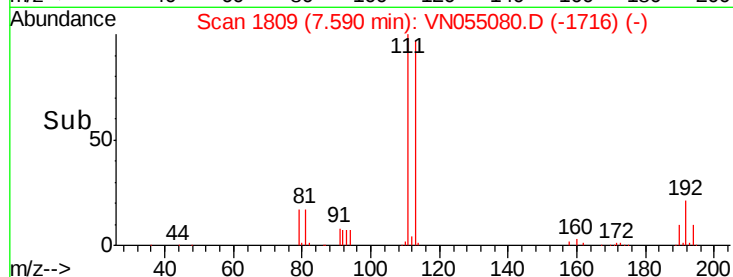
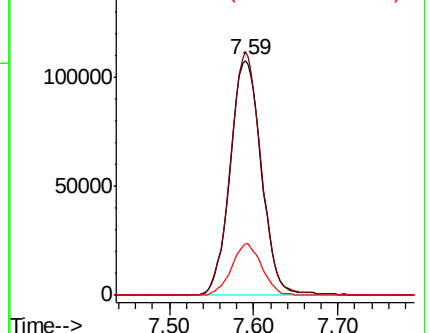
192 21.3 16.5 24.7



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: 5.011 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

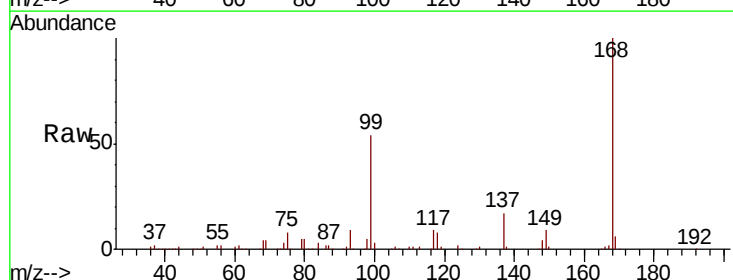
Tgt Ion: 75 Resp: 40539

Ion Ratio Lower Upper

75 100

110 8.5 17.5 52.5#

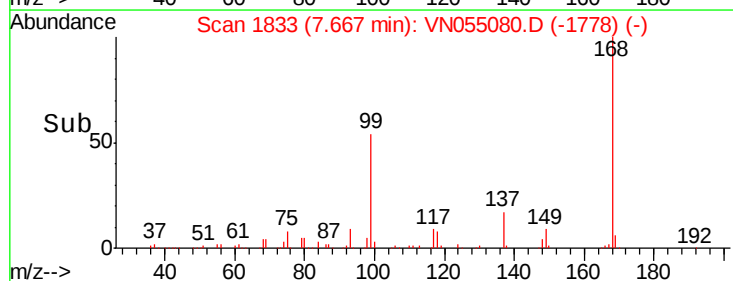
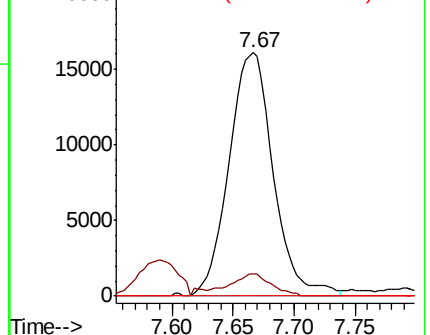
77 0.0 24.9 37.3#

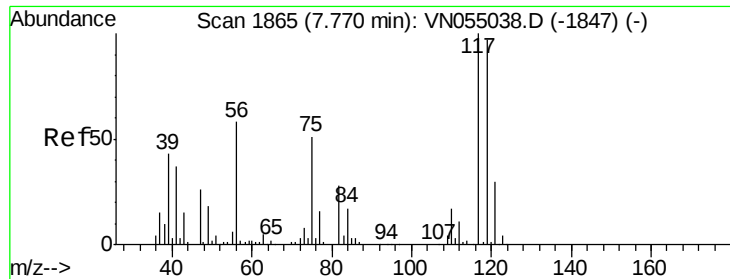


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

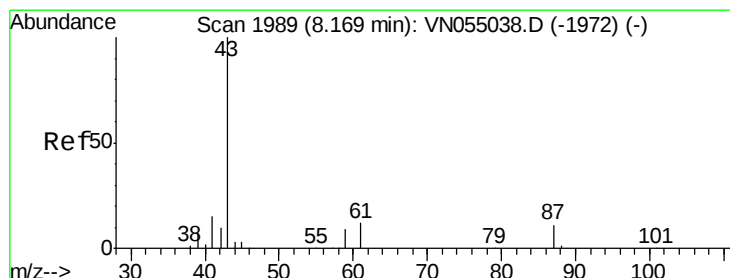
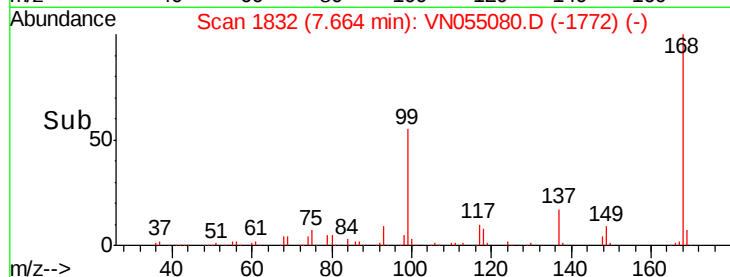
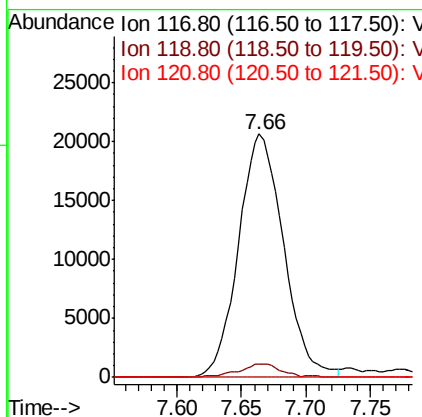
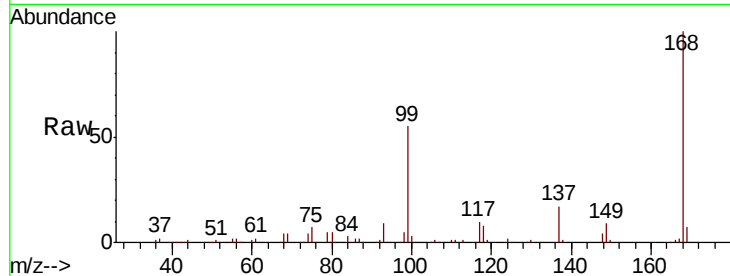




#38
Carbon Tetrachloride
Concen: 6.529 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

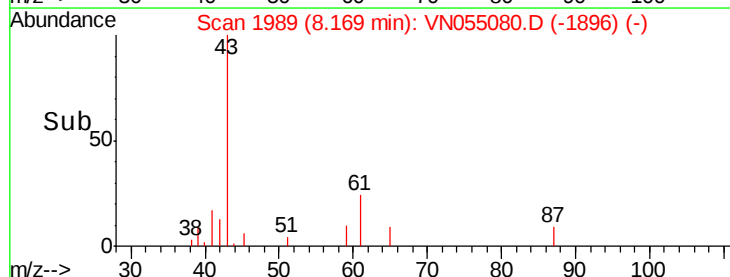
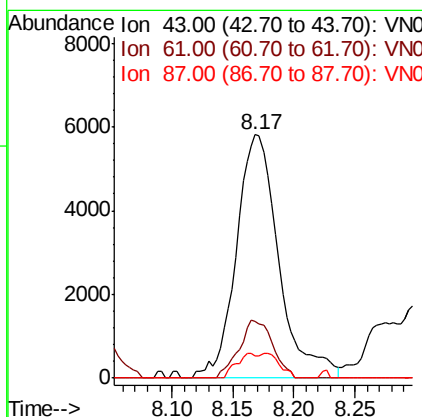
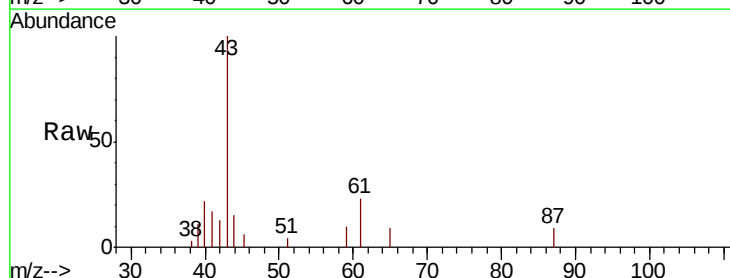
Instrument :
MSVOA_N
ClientSampled :
TP3-S

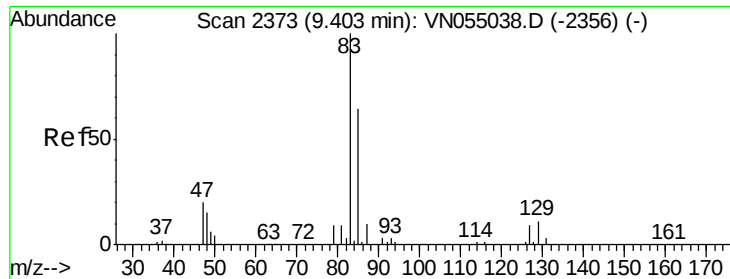
Tot Ion:117 Resp: 50255
Ion Ratio Lower Upper
117 100
119 5.7 76.3 114.5#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 1.378 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Tgt Ion: 43 Resp: 13989
Ion Ratio Lower Upper
43 100
61 18.6 14.3 21.5
87 4.7 8.6 13.0#





#47

Bromodichloromethane

Concen: 0.227 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

TP3-S

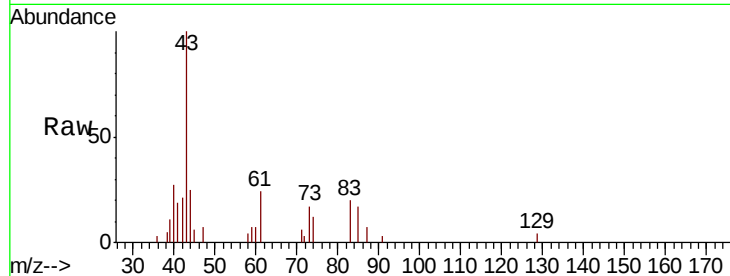
Tot Ion: 83 Resp: 1814

Ion Ratio Lower Upper

83 100

85 81.8 51.2 76.8#

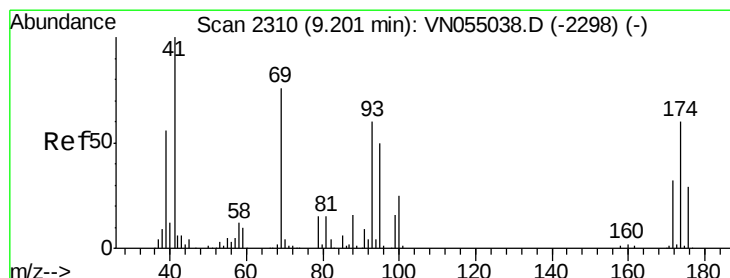
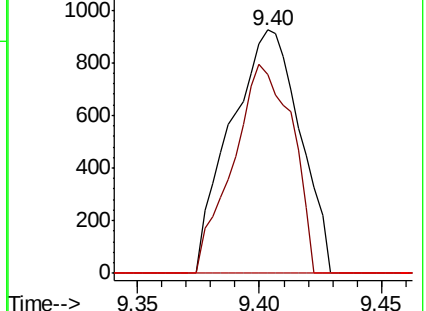
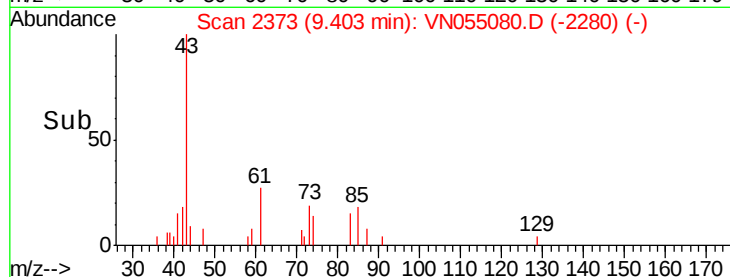
127 0.0 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VN055080.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055080.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055080.D (-2280) (-)



#48

Methyl methacrylate

Concen: 1.217 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

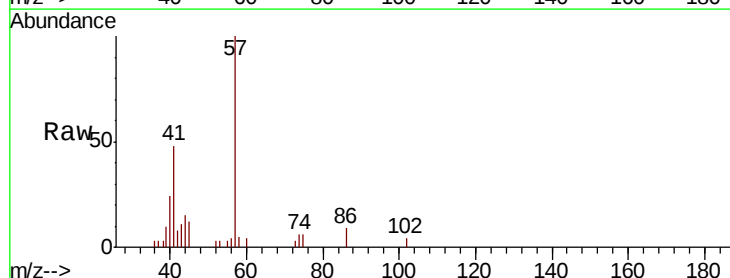
Tgt Ion: 41 Resp: 6123

Ion Ratio Lower Upper

41 100

69 0.0 60.5 90.7#

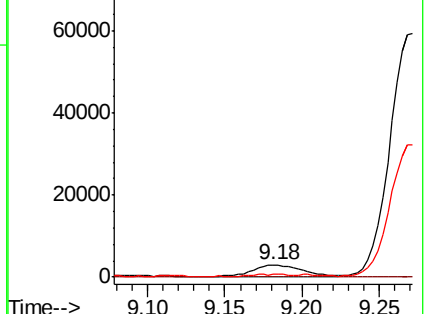
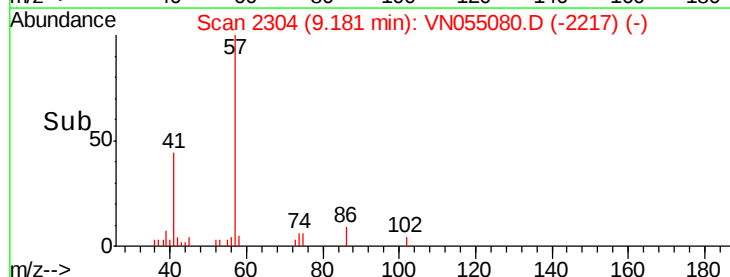
39 0.0 43.9 65.9#

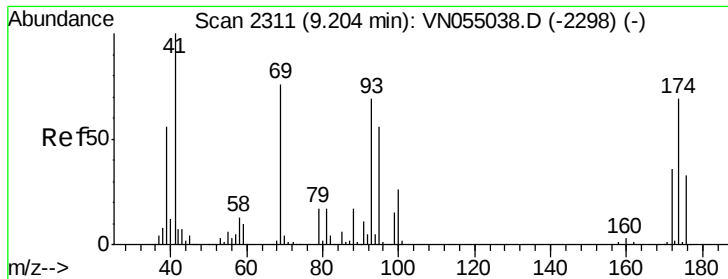


Abundance Ion 41.00 (40.70 to 41.70): VN055080.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055080.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055080.D (-2217) (-)

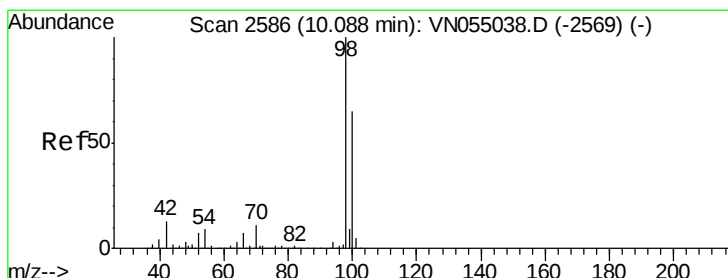
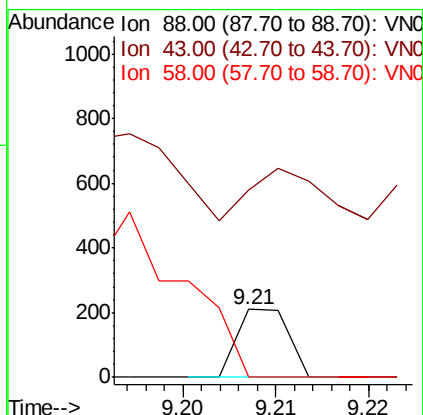
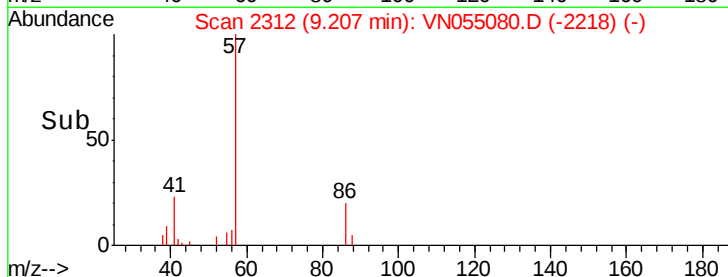
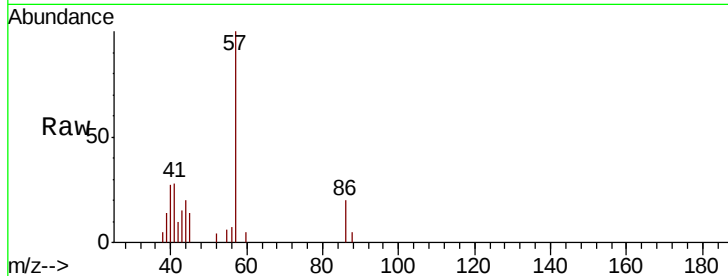




#49
1,4-Dioxane
Concen: 1.697 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

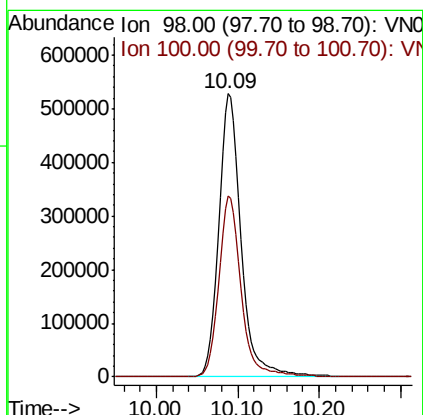
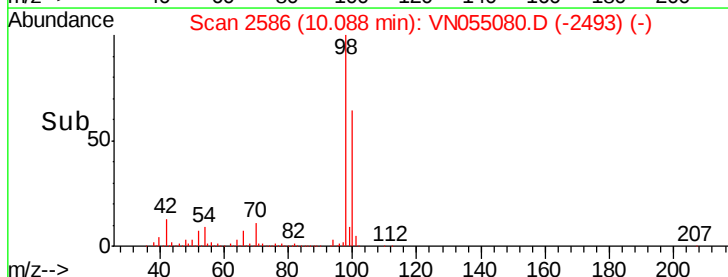
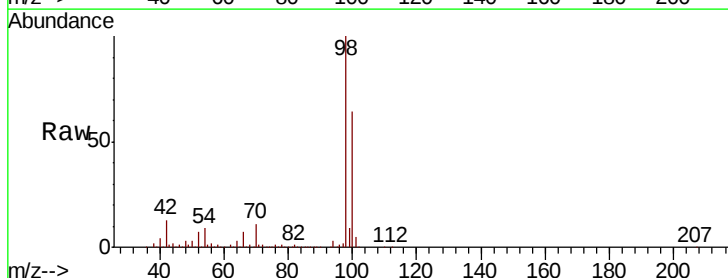
Instrument :
MSVOA_N
ClientSampled :
TP3-S

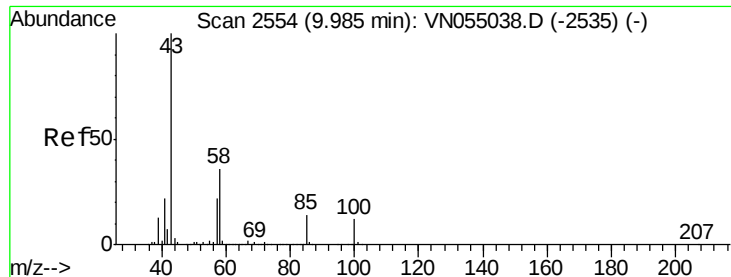
Tot Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
43 0.0 31.8 47.8#
58 802.5 61.6 92.4#



#50
Toluene-d8
Concen: 49.907 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Tgt Ion: 98 Resp: 1024499
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 0.779 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

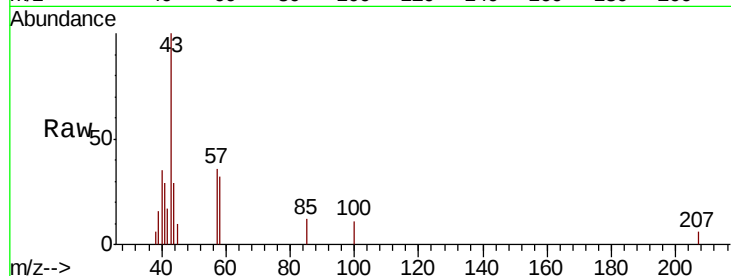
TP3-S

Tot Ion: 43 Resp: 4566

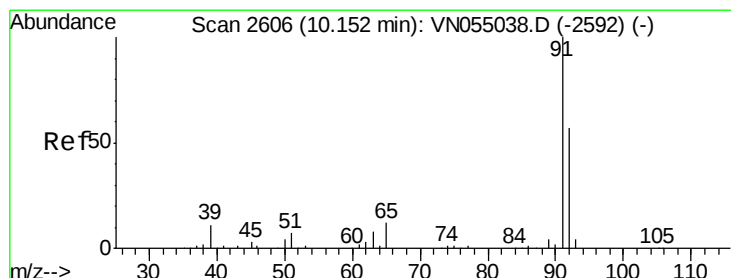
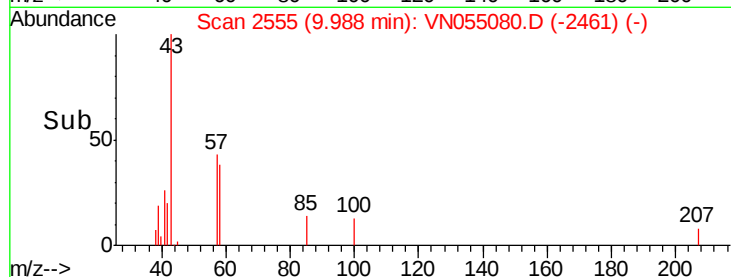
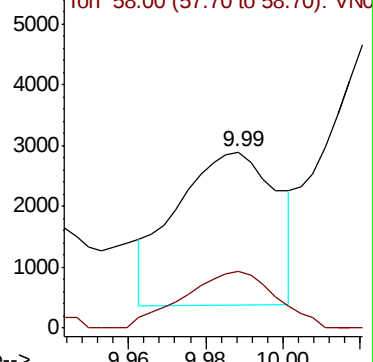
Ion Ratio Lower Upper

43 100

58 33.8 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-2535) (-)



#52

Toluene

Concen: 0.364 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN055080.D

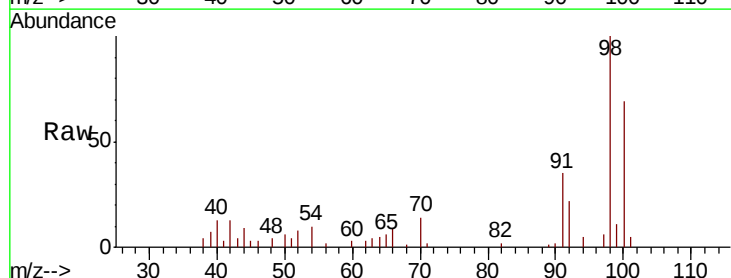
Acq: 16 Apr 2019 16:00

Tgt Ion: 92 Resp: 5082

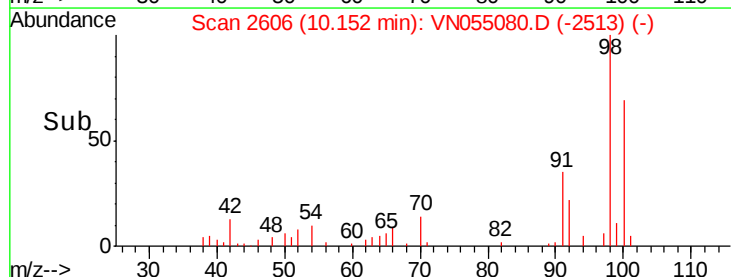
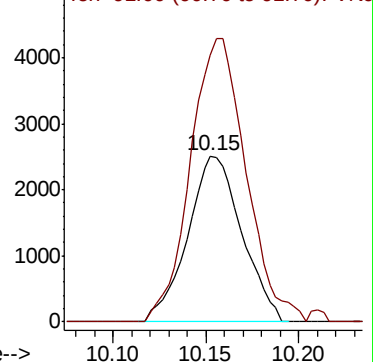
Ion Ratio Lower Upper

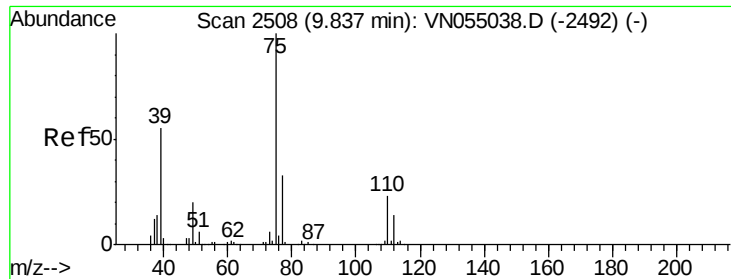
92 100

91 176.0 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VN055038.D (-2592) (-)



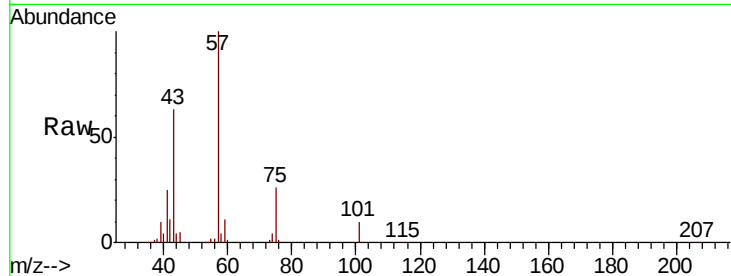


#54

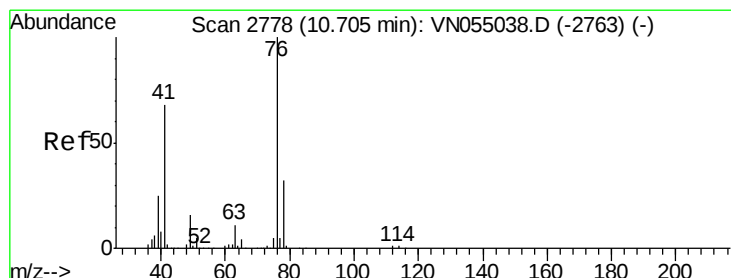
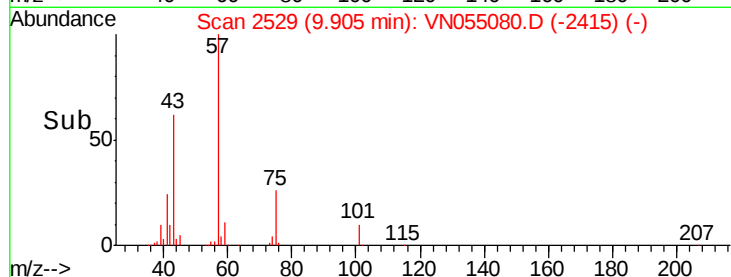
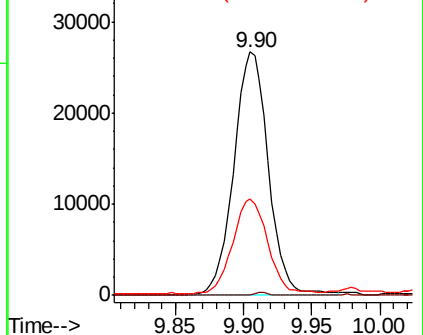
cis-1,3-Dichloropropene
 Concen: 5.430 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055080.D
 Acq: 16 Apr 2019 16:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TP3-S

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#
39	38.9	43.8	65.8#



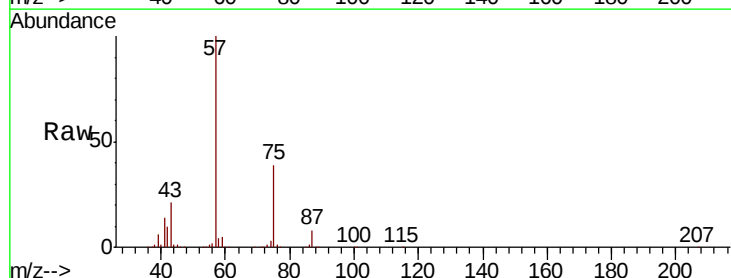
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



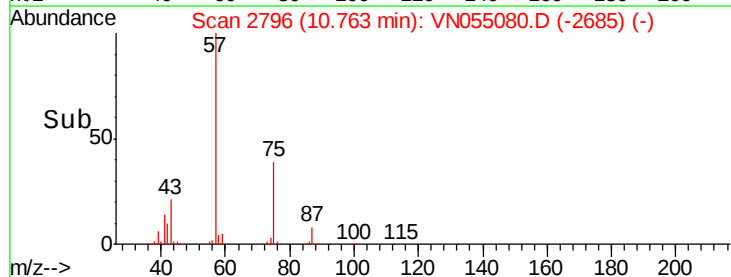
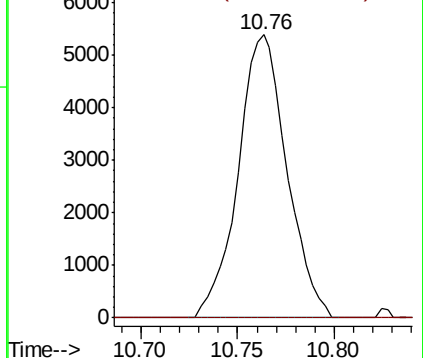
#57

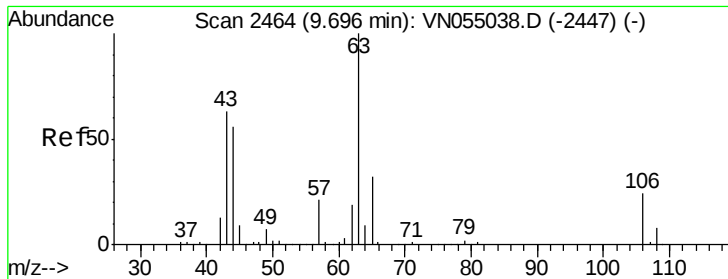
1,3-Dichloropropane
 Concen: 1.032 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055080.D
 Acq: 16 Apr 2019 16:00

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 10.759 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

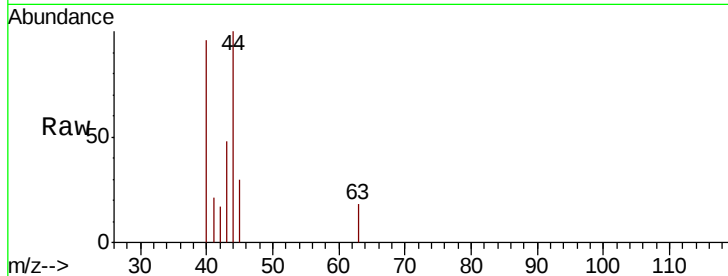
TP3-S

Tot Ion: 63 Resp: 65

Ion Ratio Lower Upper

63 100

106 0.0 20.0 30.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

150

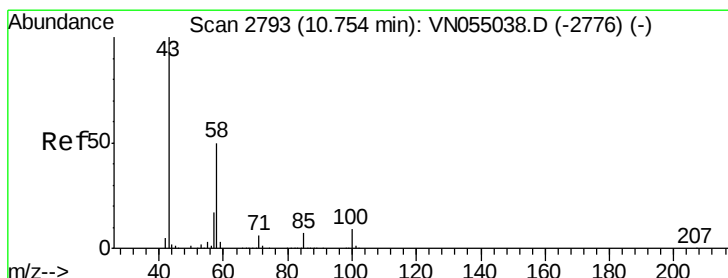
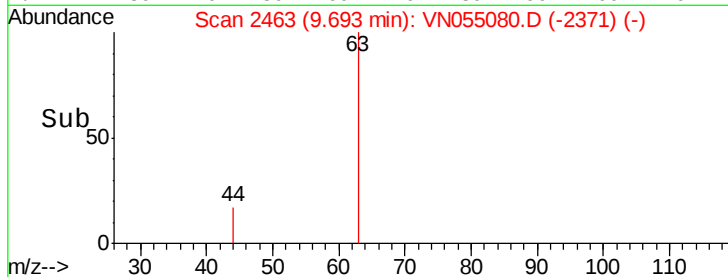
100

50

0

9.68 9.69 9.70

Time-->



#59

2-Hexanone

Concen: 41.493 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055080.D

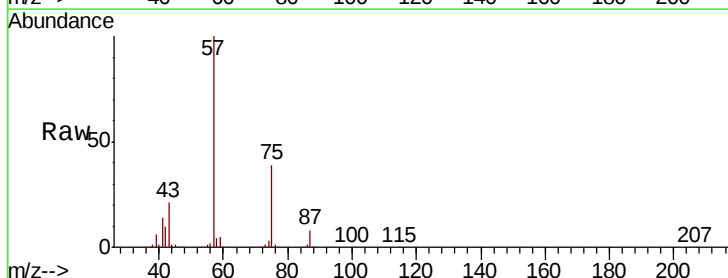
Acq: 16 Apr 2019 16:00

Tgt Ion: 43 Resp: 152807

Ion Ratio Lower Upper

43 100

58 18.9 25.1 75.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

100000

80000

60000

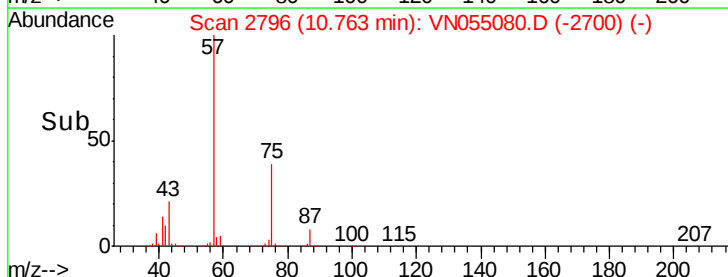
40000

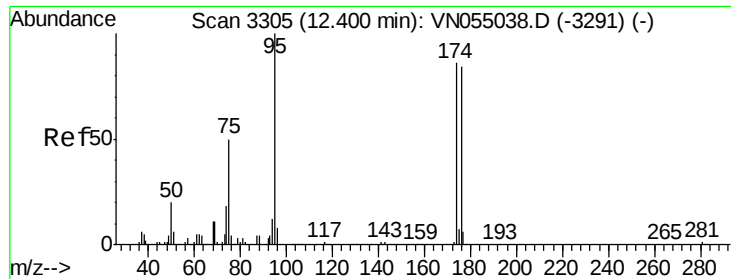
20000

0

10.70 10.75 10.80

Time-->

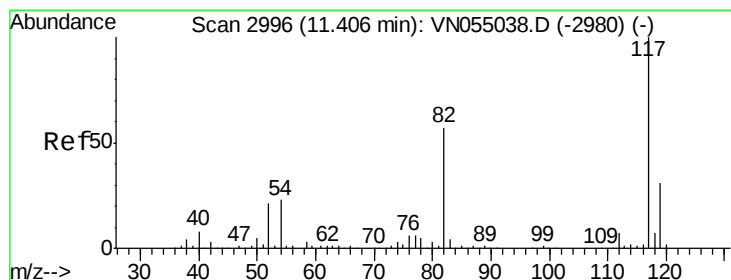
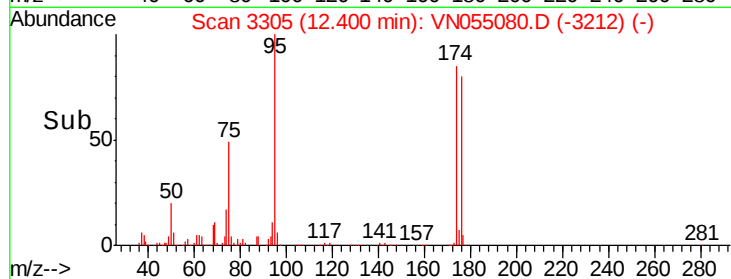
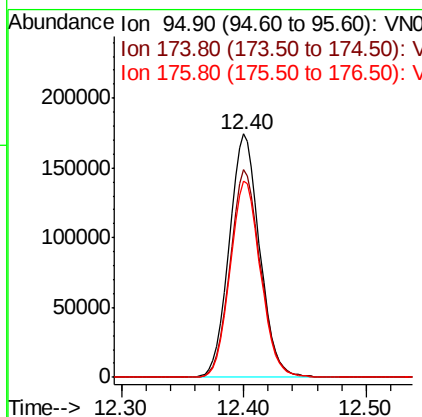
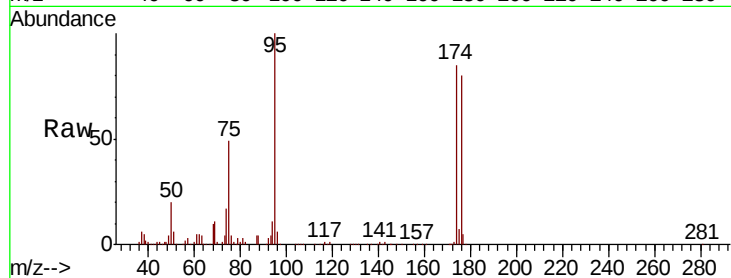




#62
4-Bromofluorobenzene
Concen: 45.372 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

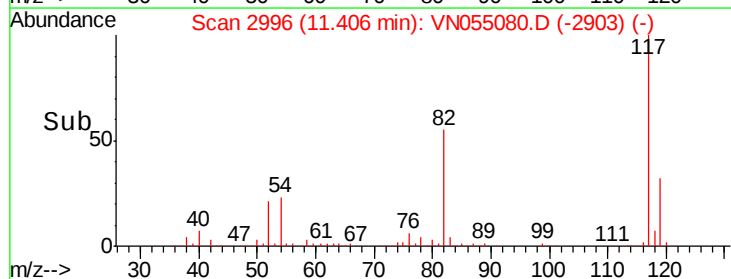
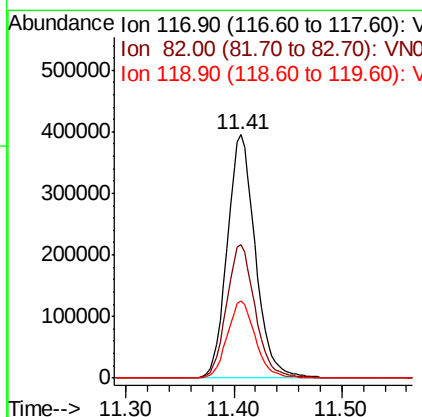
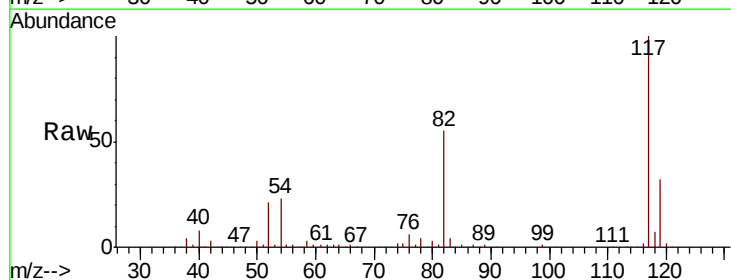
Instrument :
MSVOA_N
ClientSampleId :
TP3-S

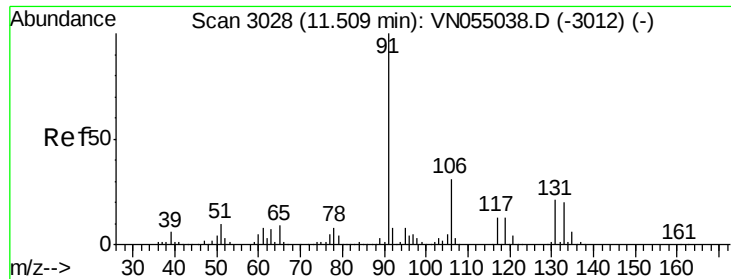
Tot Ion: 95 Resp: 302799
Ion Ratio Lower Upper
95 100
174 85.1 0.0 174.4
176 80.5 0.0 166.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Tgt Ion: 117 Resp: 718821
Ion Ratio Lower Upper
117 100
82 54.8 44.6 66.8
119 31.8 25.5 38.3

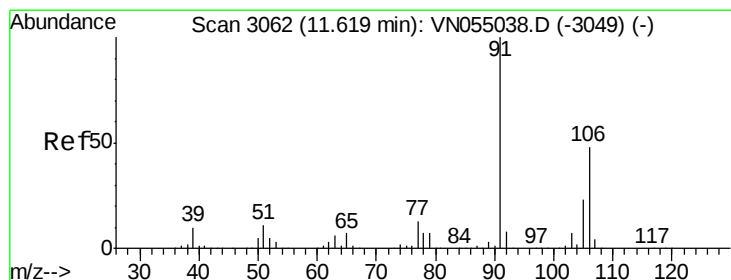
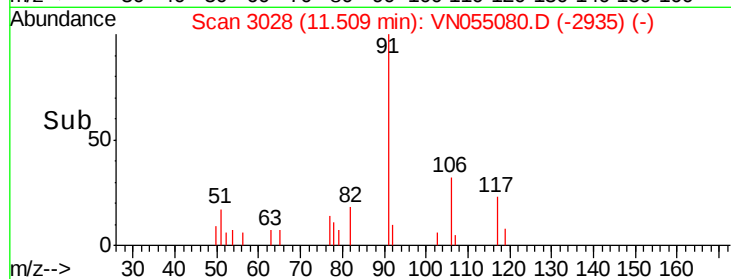
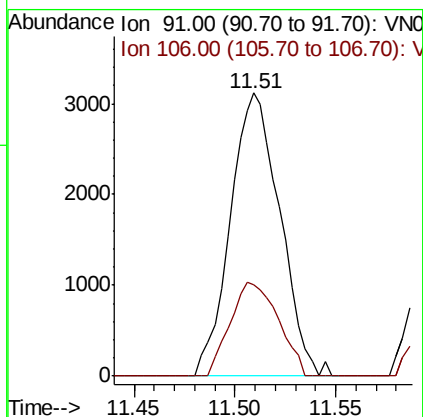
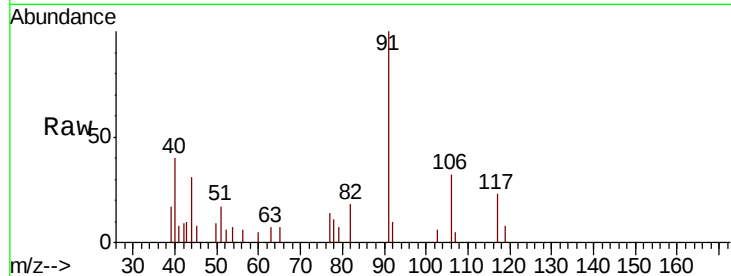




#67
Ethyl Benzene
Concen: 0.207 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

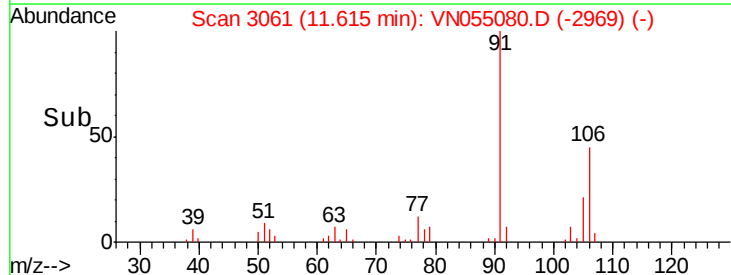
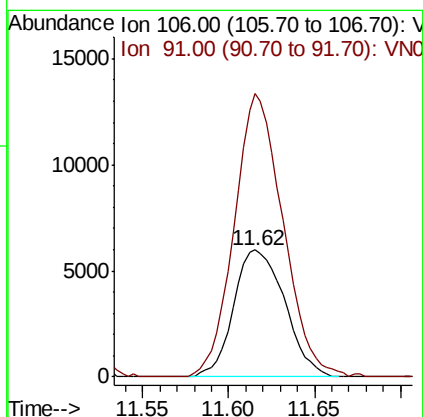
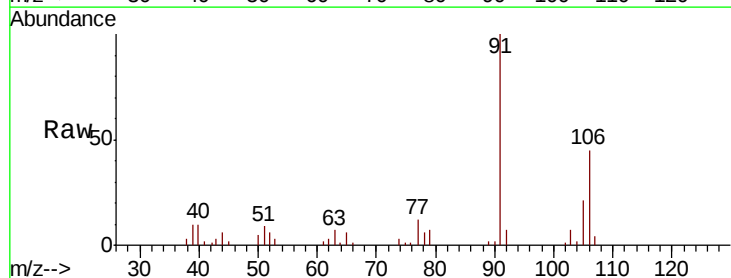
Instrument :
MSVOA_N
ClientSampled :
TP3-S

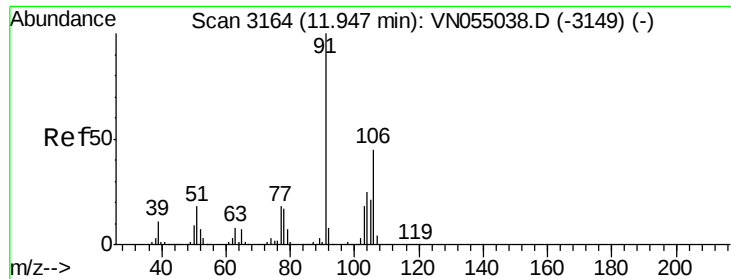
Tot Ion: 91 Resp: 5354
Ion Ratio Lower Upper
91 100
106 32.2 24.3 36.5



#68
m/p-Xylenes
Concen: 1.325 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Tgt Ion: 106 Resp: 12394
Ion Ratio Lower Upper
106 100
91 212.1 165.9 248.9

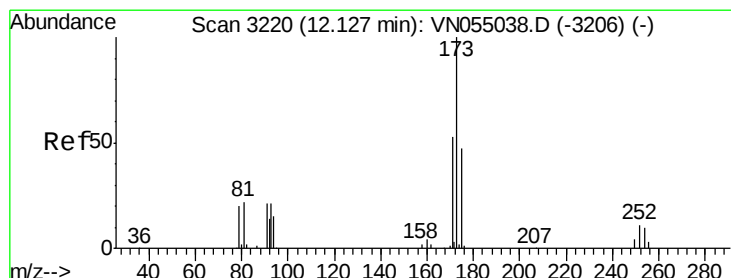
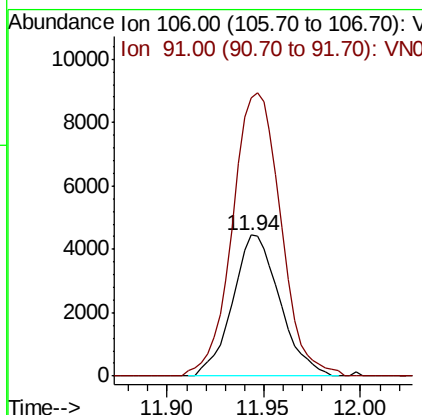
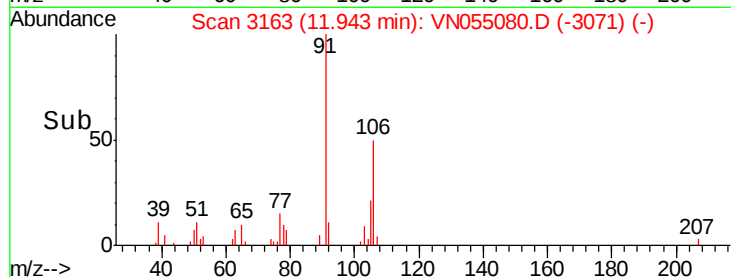
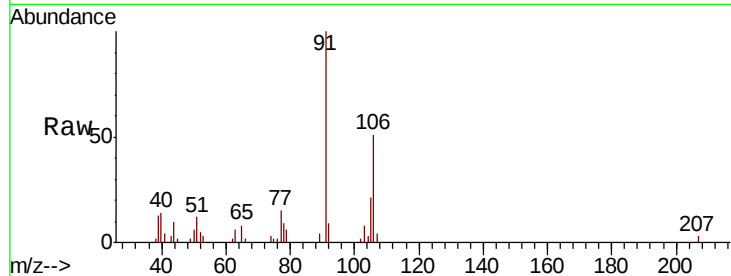




#69
o-Xylene
Concen: 0.832 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

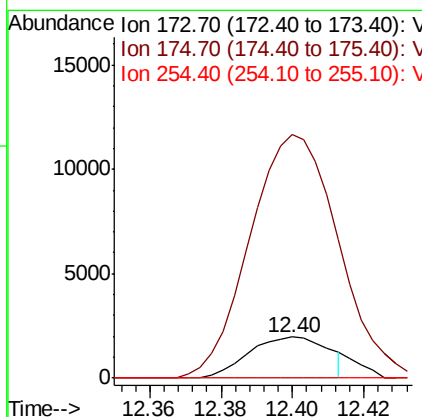
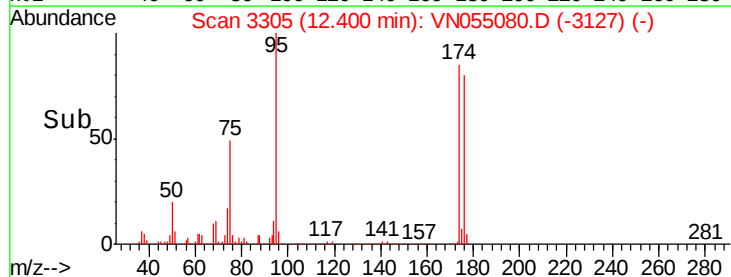
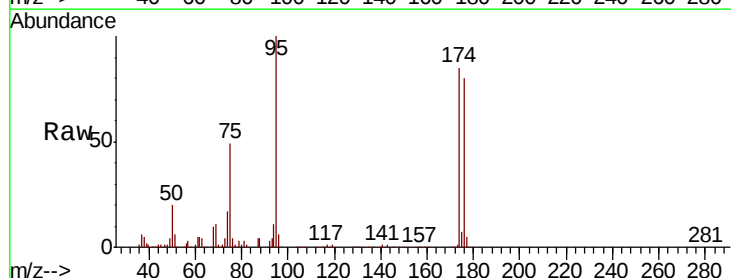
Instrument :
MSVOA_N
ClientSampled :
TP3-S

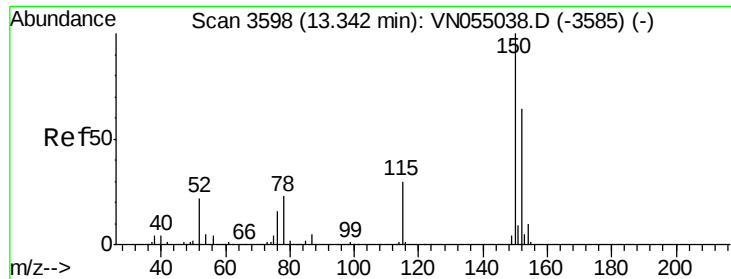
Tot Ion:106 Resp: 7537
Ion Ratio Lower Upper
106 100
91 205.6 109.9 329.8



#71
Bromoform
Concen: 0.997 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Tgt Ion:173 Resp: 3041
Ion Ratio Lower Upper
173 100
175 585.7 24.3 73.0#
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: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

TP3-S

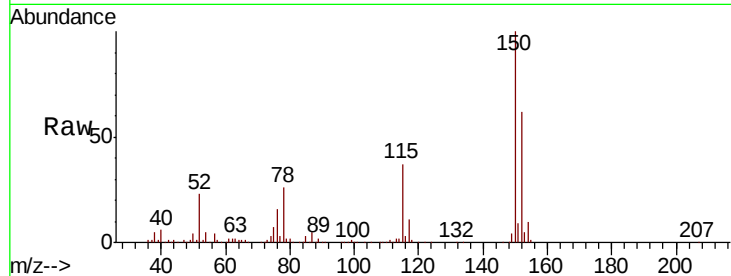
Tot Ion:152 Resp: 227466

Ion Ratio Lower Upper

152 100

115 58.3 28.5 85.6

150 159.4 0.0 347.2

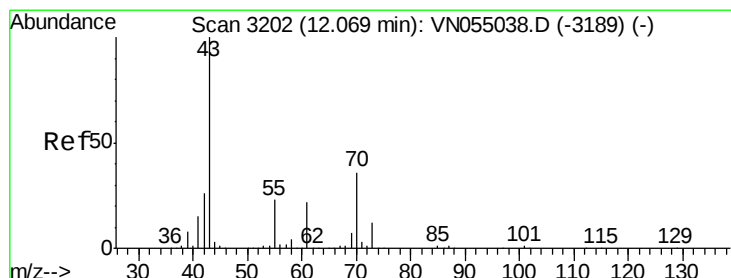
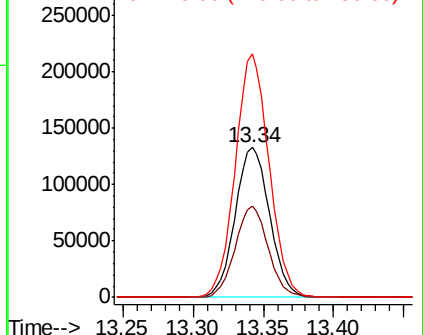
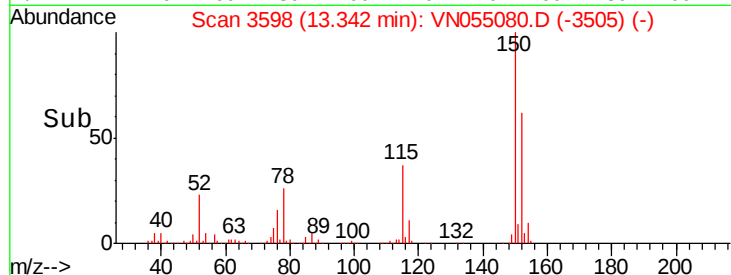


Abundance

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



#74

N-ethyl acetate

Concen: 0.279 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Tgt Ion: 43 Resp: 1588

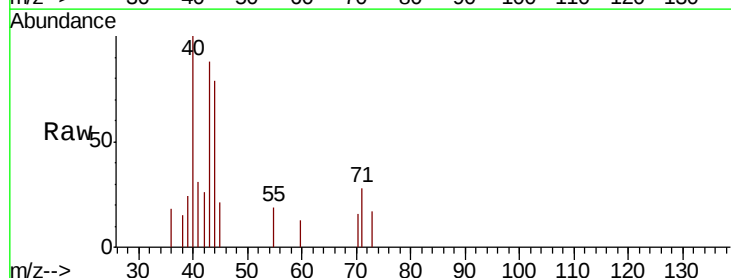
Ion Ratio Lower Upper

43 100

70 22.2 29.4 44.0#

55 13.1 19.0 28.4#

61 13.6 17.7 26.5#



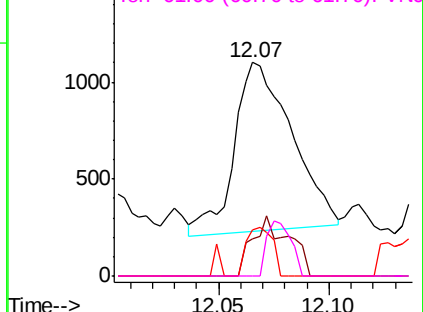
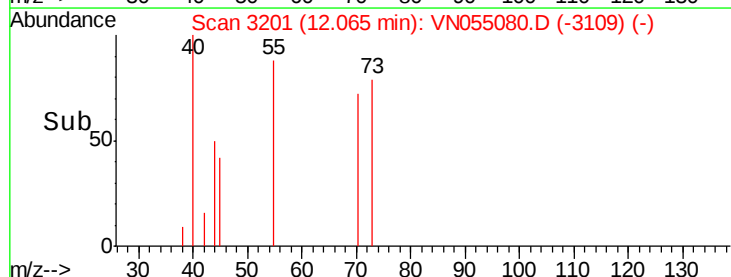
Abundance

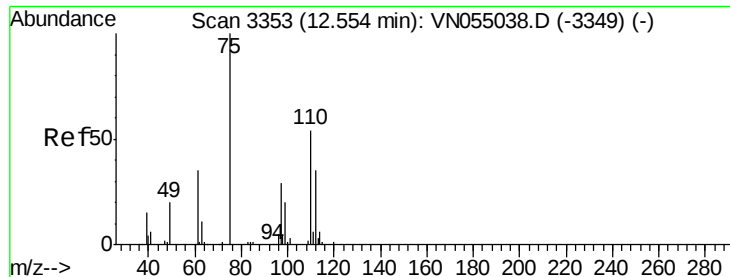
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 36.953 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

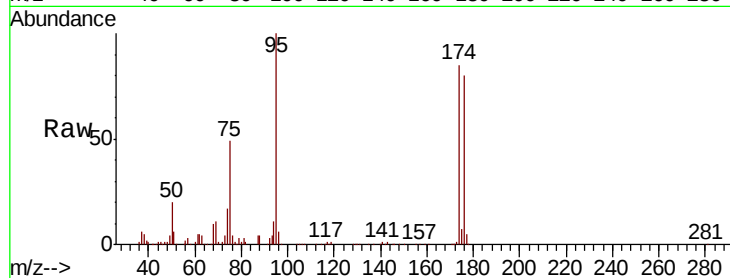
TP3-S

Tot Ion: 75 Resp: 151151

Ion Ratio Lower Upper

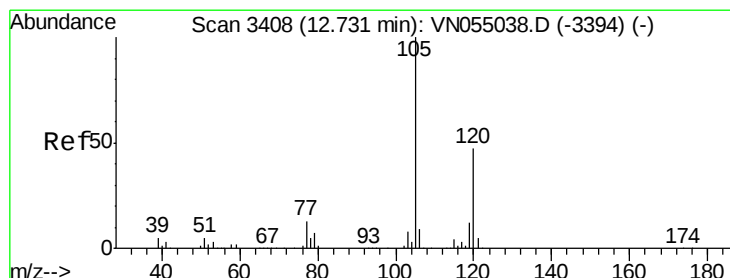
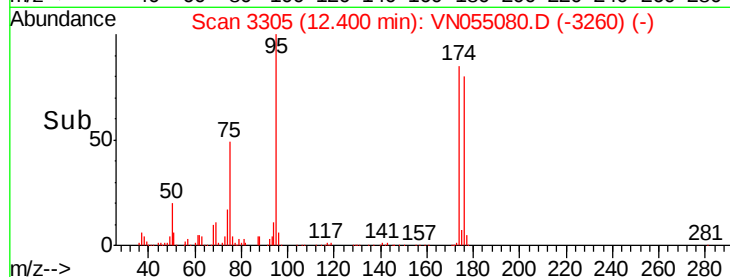
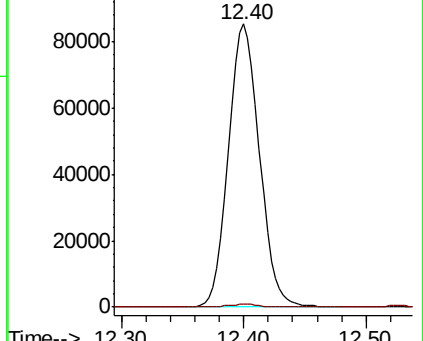
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055080.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055080.D (-3260) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.626 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055080.D

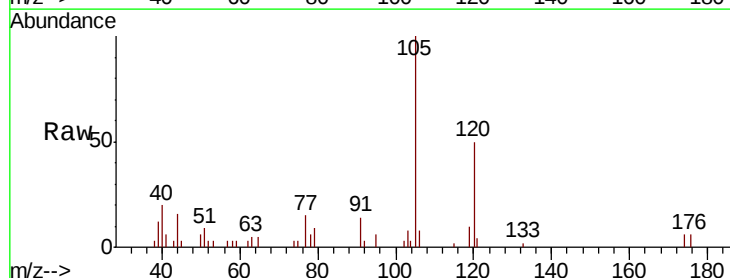
Acq: 16 Apr 2019 16:00

Tgt Ion: 105 Resp: 10202

Ion Ratio Lower Upper

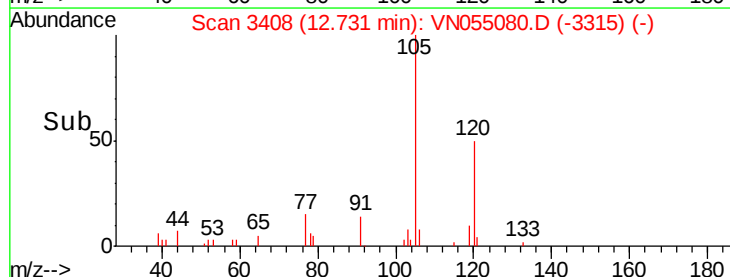
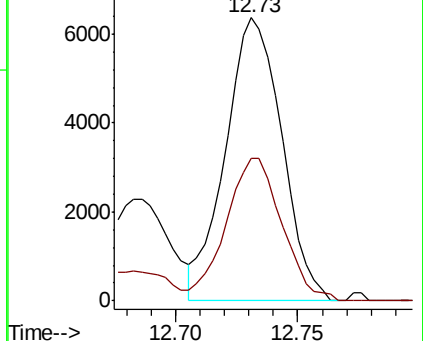
105 100

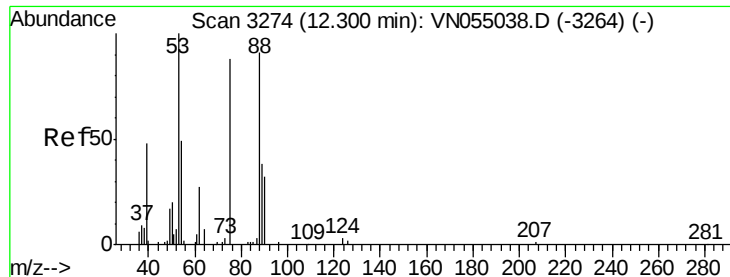
120 50.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN055080.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN055080.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 147.768 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

TP3-S

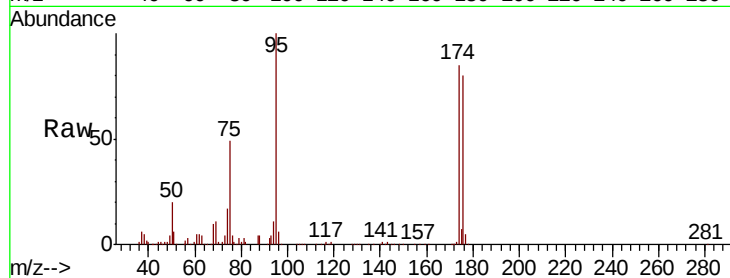
Tot Ion: 75 Resp: 151151

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

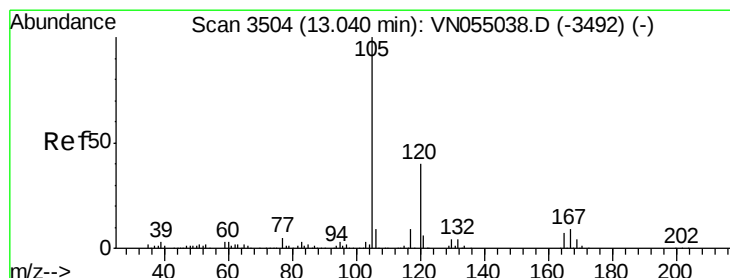
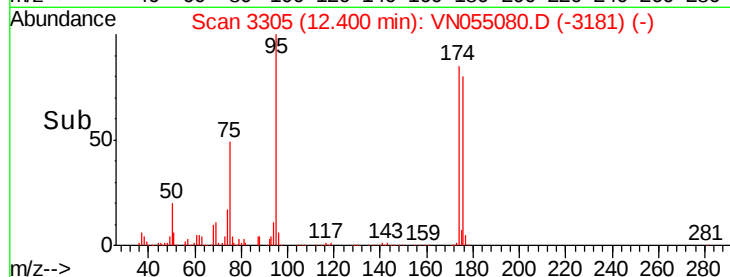
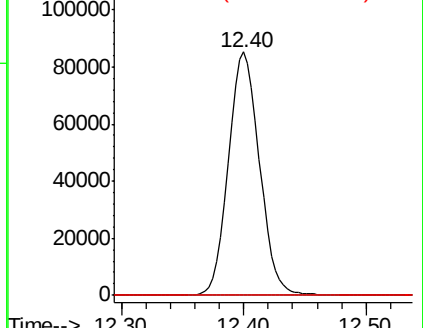
89 0.0 38.6 57.8#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.938 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN055080.D

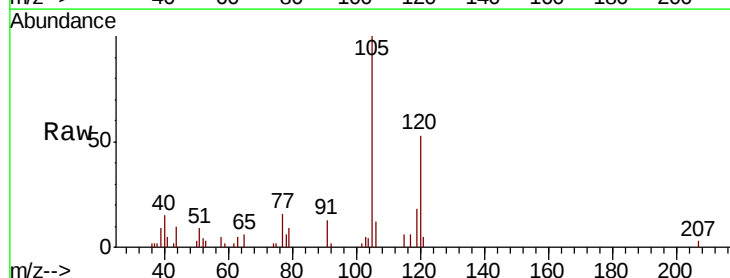
Acq: 16 Apr 2019 16:00

Tgt Ion:105 Resp: 14477

Ion Ratio Lower Upper

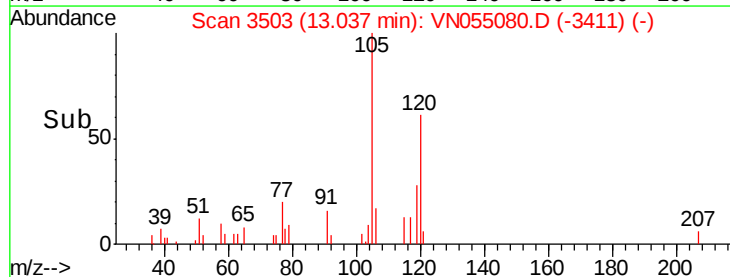
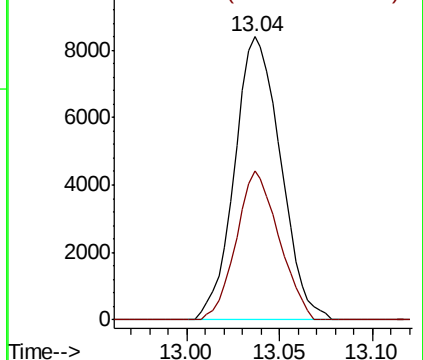
105 100

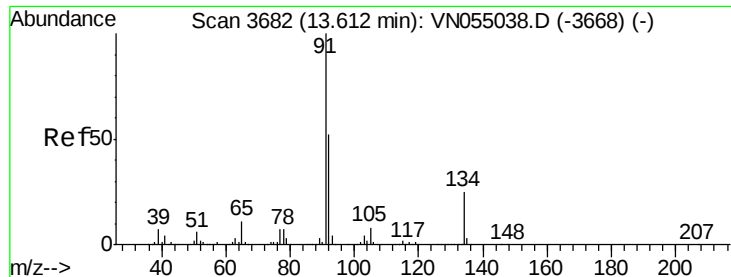
120 48.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

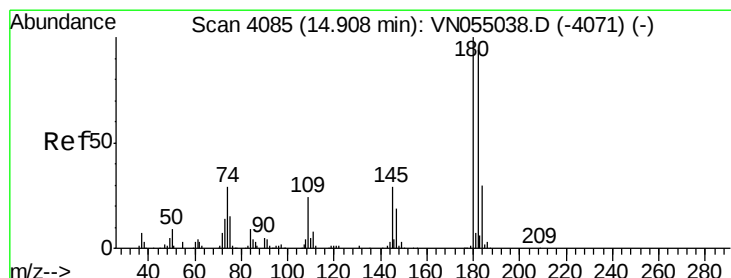
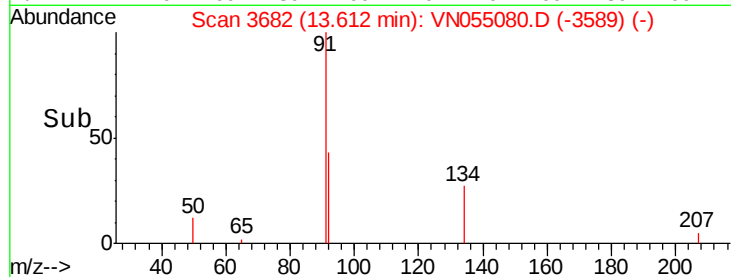
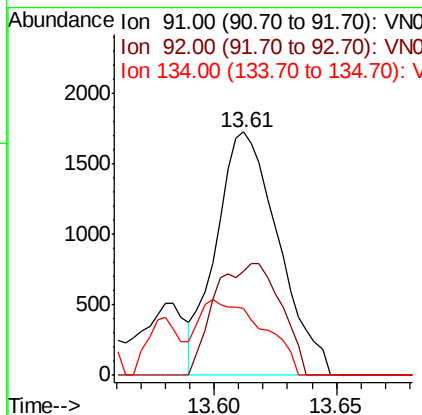
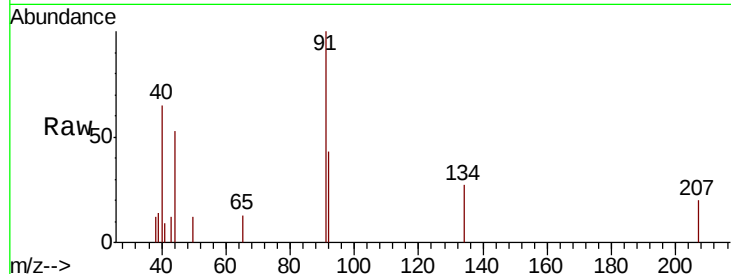




#89
n-Butylbenzene
Concen: 0.275 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

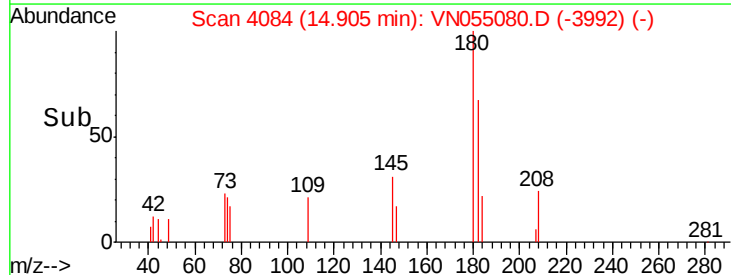
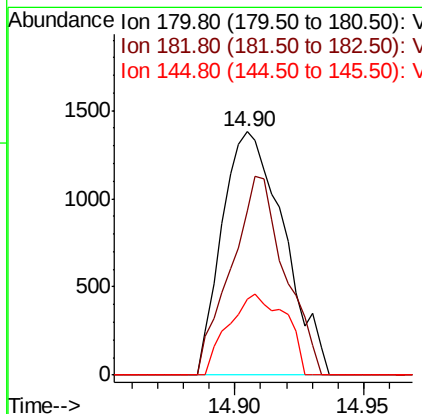
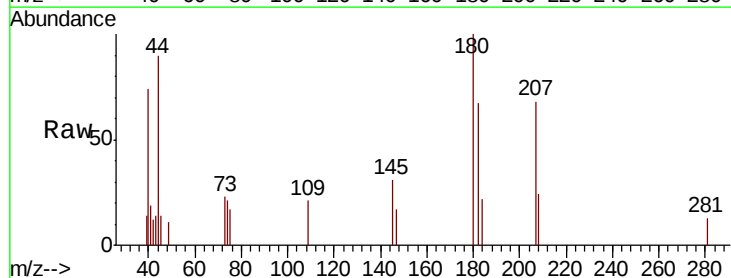
Instrument :
MSVOA_N
ClientSampled :
TP3-S

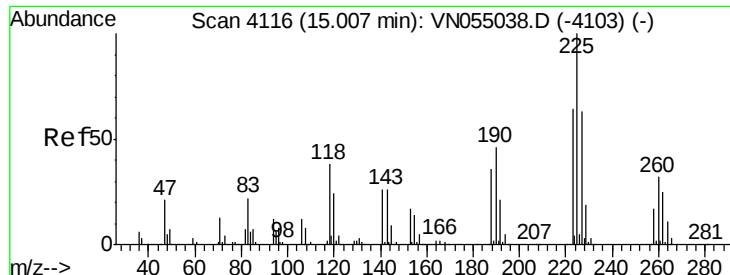
Tot Ion: 91 Resp: 3066
Ion Ratio Lower Upper
91 100
92 48.9 25.9 77.7
134 33.7 12.8 38.3



#93
1,2,4-Trichlorobenzene
Concen: 3.302 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN055080.D
Acq: 16 Apr 2019 16:00

Tgt Ion: 180 Resp: 2304
Ion Ratio Lower Upper
180 100
182 71.3 47.5 142.6
145 30.8 14.2 42.8





#94

Hexachlorobutadiene

Concen: 0.427 ug/l

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

TP3-S

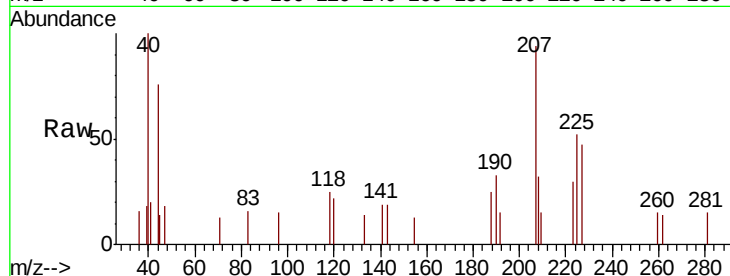
Tot Ion:225 Resp: 1016

Ion Ratio Lower Upper

225 100

223 68.7 31.4 94.0

227 71.0 32.6 97.7

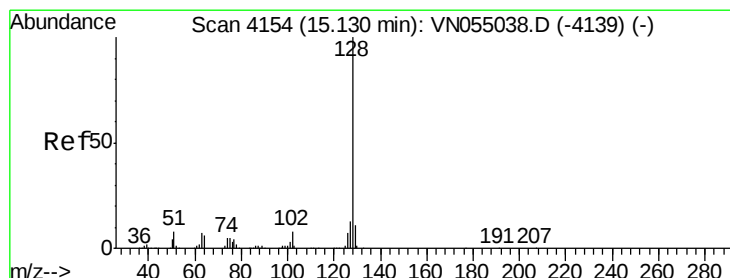
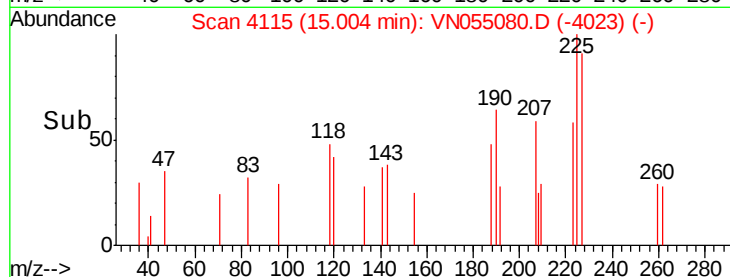
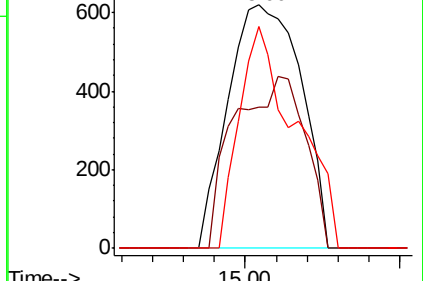


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

15.00



#95

Naphthalene

Concen: 4.088 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055080.D

Acq: 16 Apr 2019 16:00

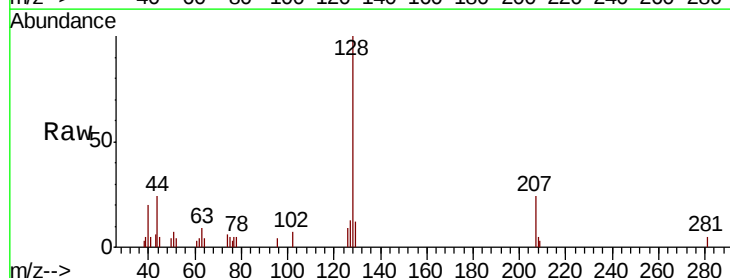
Tgt Ion:128 Resp: 8771

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 10.6 8.8 13.2

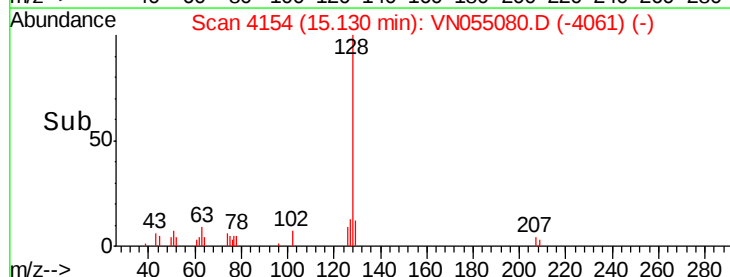
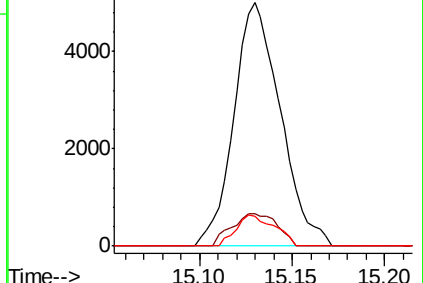


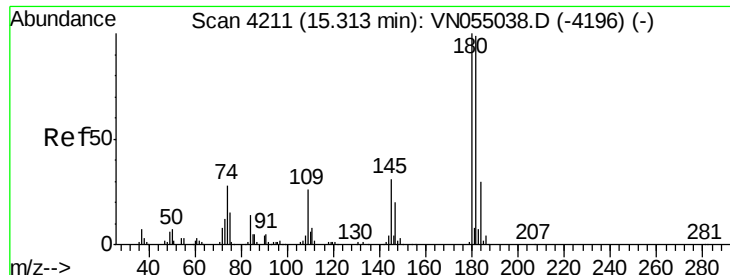
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13

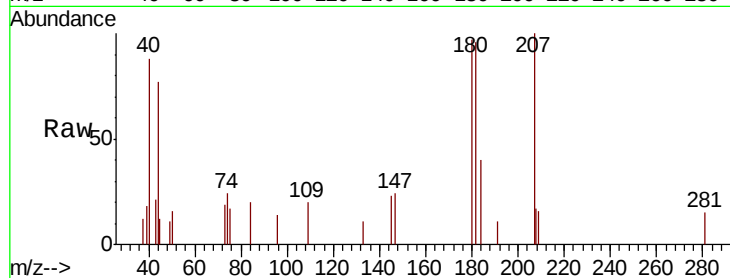




#96
 1,2,3-Trichlorobenzene
 Concen: 0.775 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055080.D
 Acq: 16 Apr 2019 16:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TP3-S

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.5	48.0	144.0
145	34.5	15.3	45.9



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

