

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
 Data File : VN055200.D
 Acq On : 23 Apr 2019 12:39
 Operator : JC/SP
 Sample : K2532-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17

Quant Time: Apr 24 02:49:47 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	376835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	645957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	592878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187793	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	258153	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
35) Dibromofluoromethane	7.59	113	214023	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	10.09	98	796181	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	251127	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	141	9.813	ug/l #	39
16) Acetone	3.82	43	4142	2.456	ug/l	93
17) Carbon Disulfide	4.05	76	6454	0.595	ug/l	98
18) Methyl Acetate	4.33	43	2303	Below Cal		95
20) Methylene Chloride	4.55	84	108302	22.342	ug/l	97
25) 2-Butanone	6.85	43	701	0.322	ug/l #	54
28) Bromochloromethane	7.37	49	1354	0.323	ug/l #	19
29) Tetrahydrofuran	7.21	42	1381	1.032	ug/l #	72
30) Chloroform	7.37	83	14094	1.803	ug/l	94
31) Cyclohexane	7.66	56	8089	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	28793	4.802	ug/l #	49
38) Carbon Tetrachloride	7.66	117	34284	6.106	ug/l #	16
41) Methacrylonitrile	7.22	41	1094	0.431	ug/l #	48
43) Isopropyl Acetate	8.17	43	13682	1.746	ug/l	95
45) 1,2-Dichloropropane	9.27	63	1671	0.320	ug/l #	45
47) Bromodichloromethane	9.40	83	3016	0.504	ug/l #	88
48) Methyl methacrylate	9.18	41	7903	2.079	ug/l #	15
51) 4-Methyl-2-Pentanone	10.03	43	9452	2.096	ug/l #	39
54) cis-1,3-Dichloropropene	9.90	75	55293	8.110	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	11286	1.622	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	139	11.351	ug/l #	51
59) 2-Hexanone	10.76	43	174958	61.435	ug/l #	55
73) Isopropylbenzene	12.25	105	755	Below Cal	#	49
74) N-ethyl acetate	11.88	43	17076	3.527	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.39	83	95	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	128758	33.796	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6281	0.447	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.40	75	128758	128.116	ug/l #	5
83) tert-Butylbenzene	12.99	119	102	Below Cal	#	52
84) 1,2,4-Trimethylbenzene	13.04	105	5710	0.430	ug/l	90
93) 1,2,4-Trichlorobenzene	14.91	180	342	2.855	ug/l #	61
95) Naphthalene	15.13	128	29057	7.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	140	2.172	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

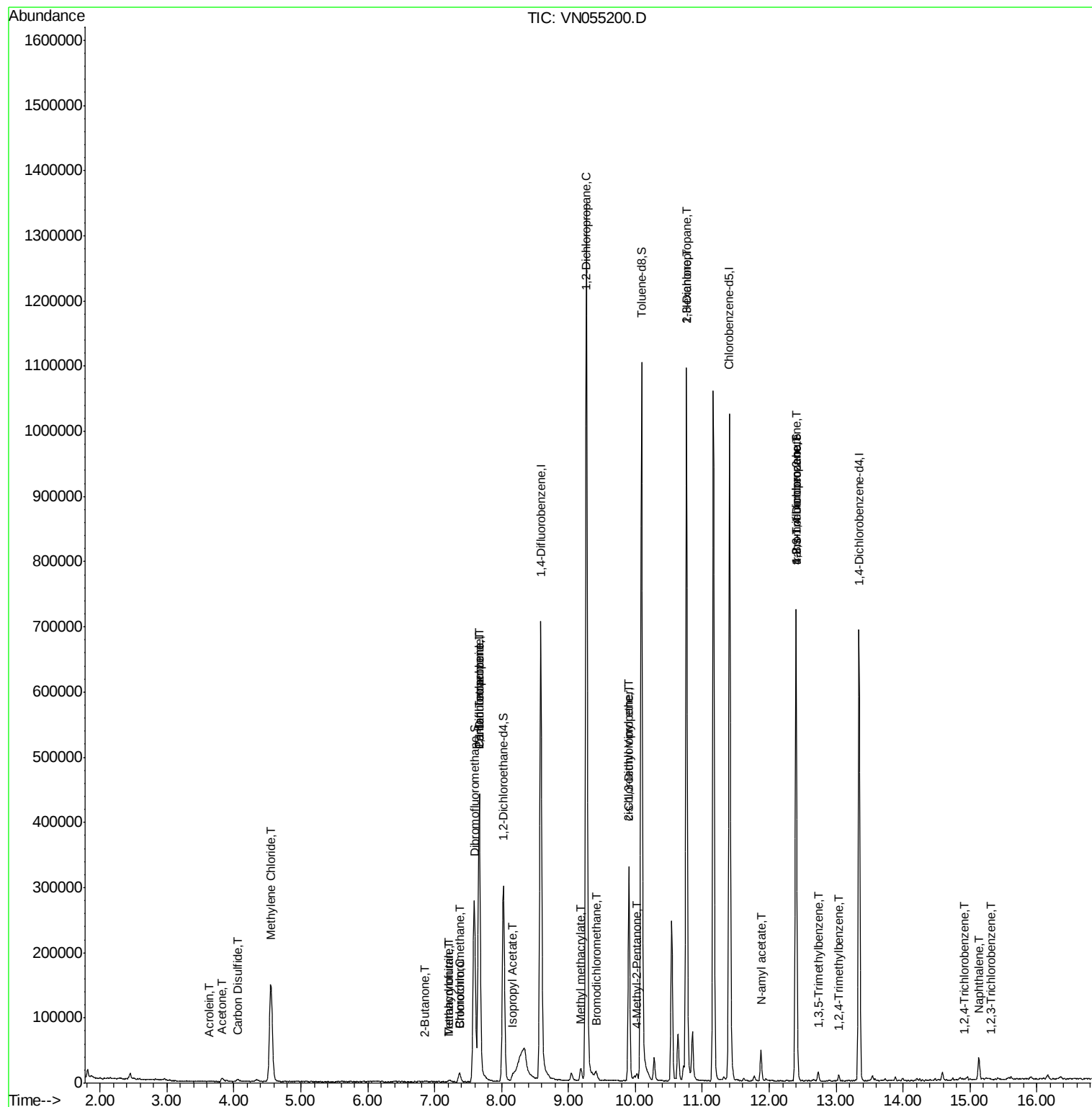
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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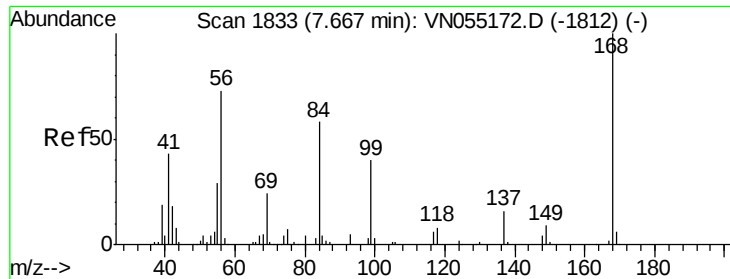
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055200.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: VN055200.D

Acq: 23 Apr 2019 12:39

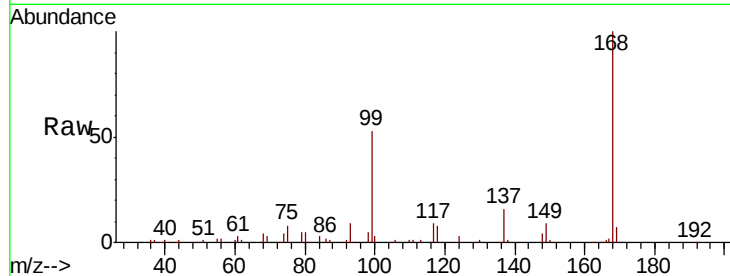
Instrument :
MSVOA_N
ClientSampled :
TP-17

Tgt Ion:168 Resp: 376835

Ion Ratio Lower Upper

168 100

99 53.5 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

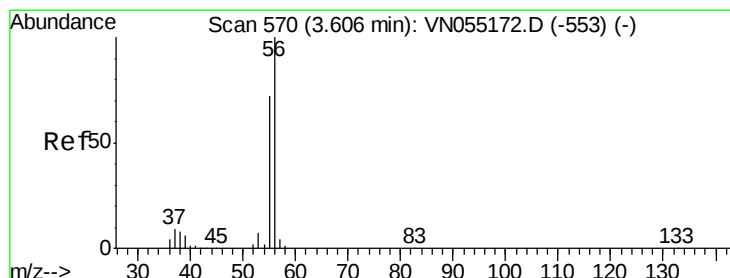
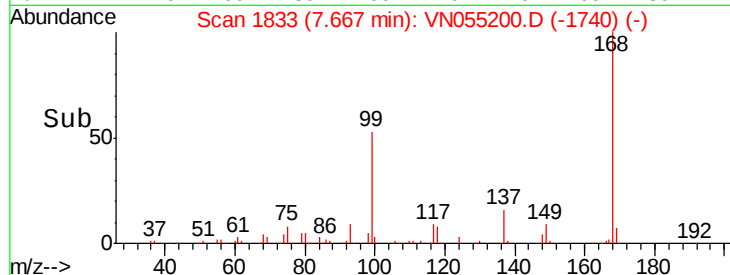
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 9.813 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.02 min

Lab File: VN055200.D

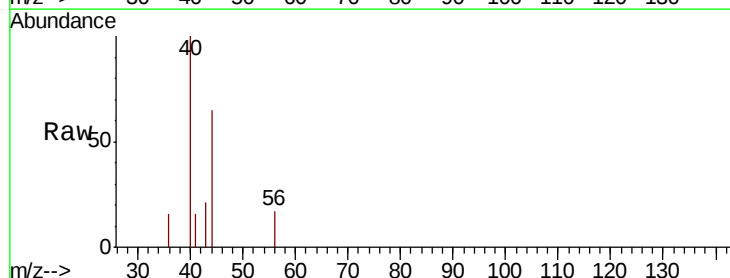
Acq: 23 Apr 2019 12:39

Tgt Ion: 56 Resp: 141

Ion Ratio Lower Upper

56 100

55 21.3 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN055172.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN055172.D (-553) (-)

3.62

200

150

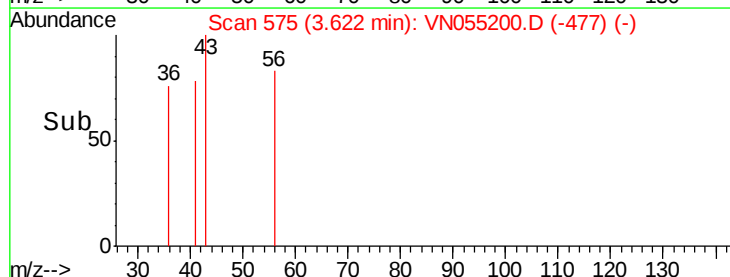
100

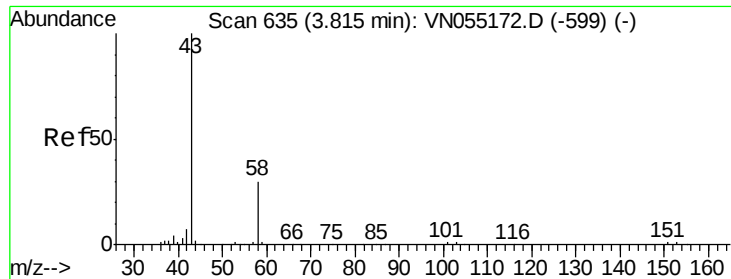
50

0

3.61 3.62 3.63 3.64

Time-->





#16

Acetone

Concen: 2.456 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055200.D

Acq: 23 Apr 2019 12:39

Instrument :

MSVOA_N

ClientSampled :

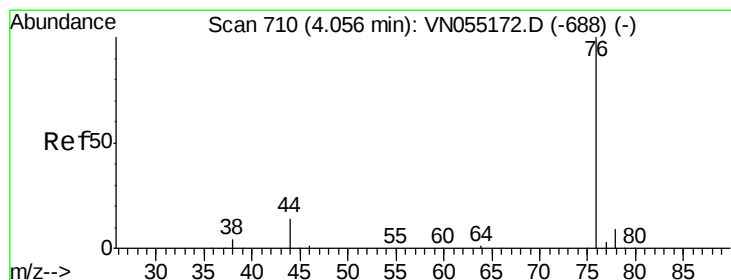
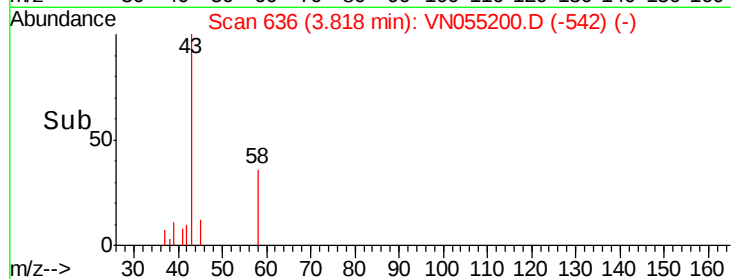
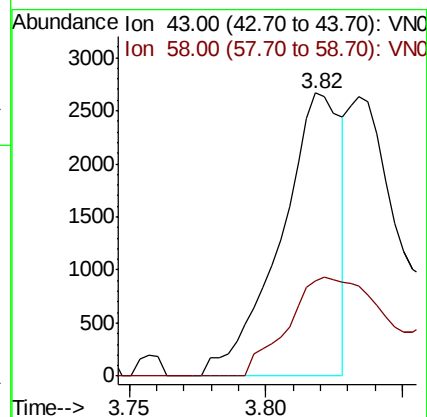
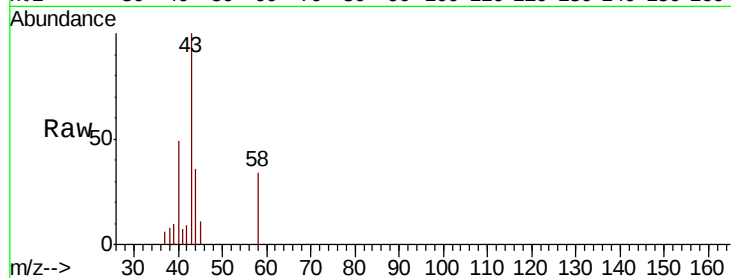
TP-17

Tgt Ion: 43 Resp: 4142

Ion Ratio Lower Upper

43 100

58 33.6 23.8 35.8



#17

Carbon Disulfide

Concen: 0.595 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055200.D

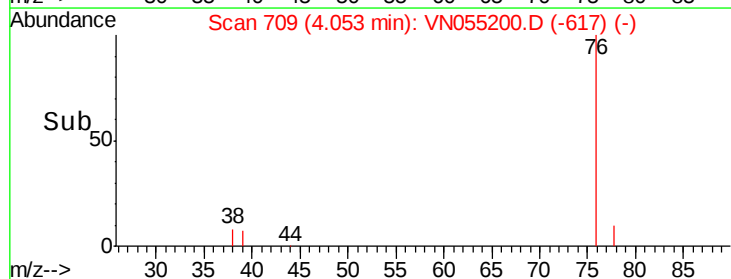
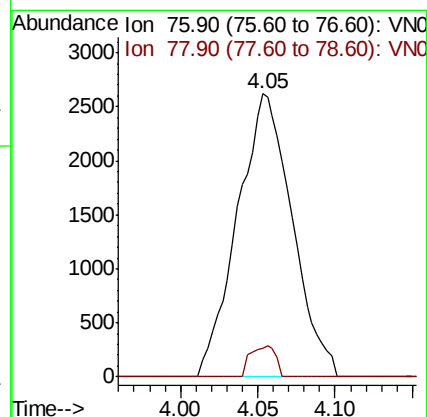
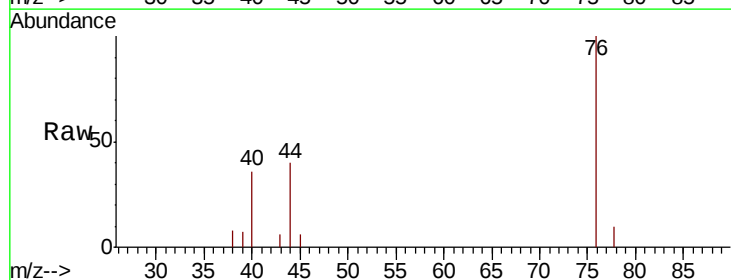
Acq: 23 Apr 2019 12:39

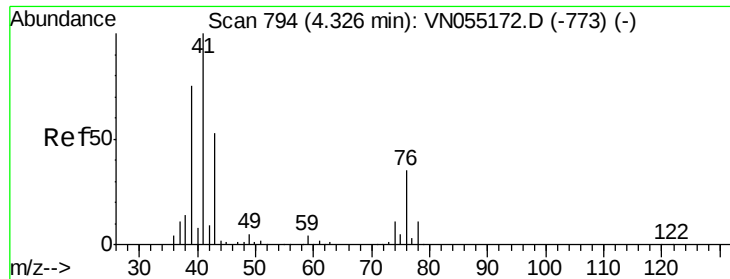
Tgt Ion: 76 Resp: 6454

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9

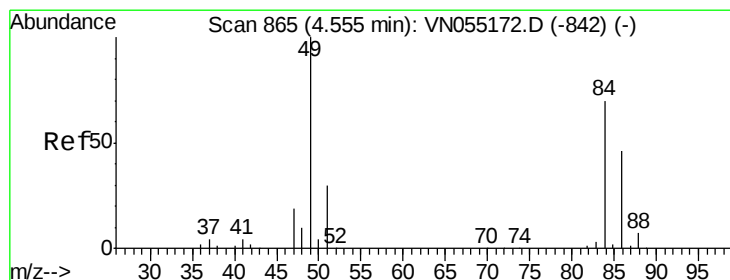
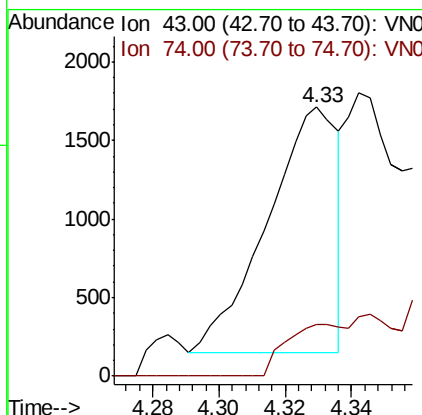
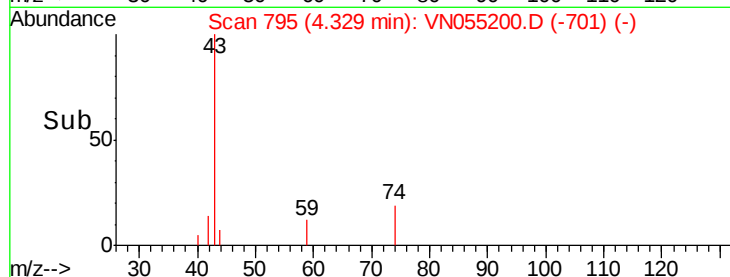
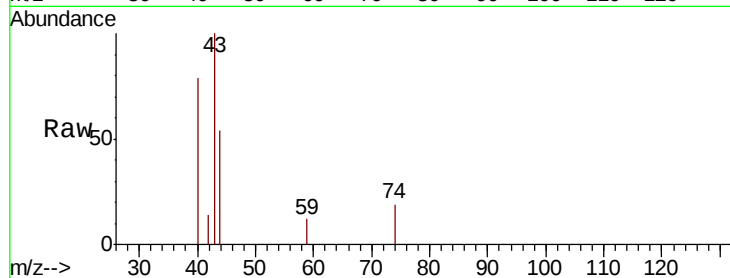




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

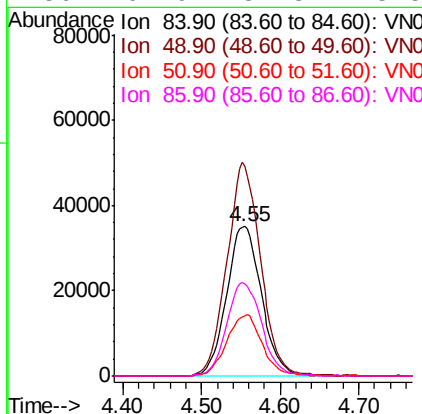
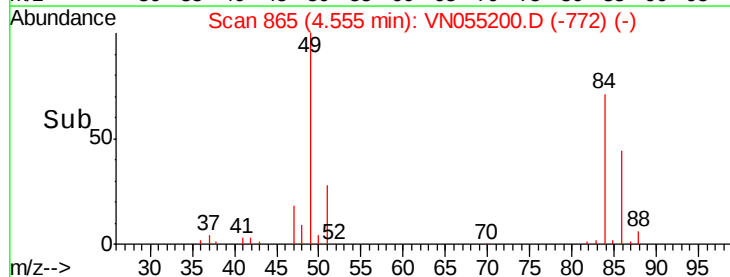
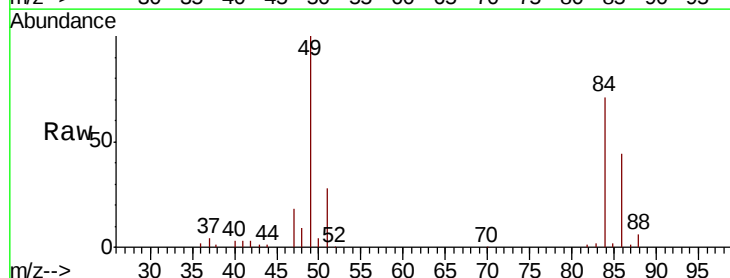
Instrument :
MSVOA_N
ClientSampleId :
TP-17

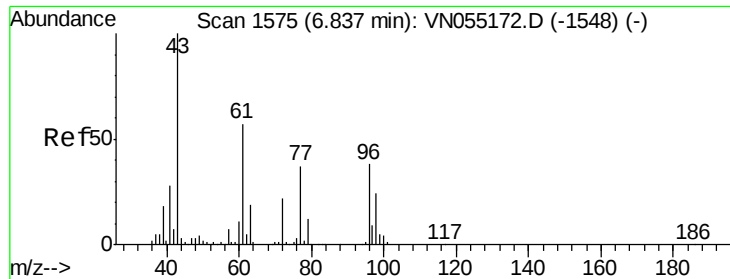
Tgt Ion: 43 Resp: 2303
Ion Ratio Lower Upper
43 100
74 18.7 16.7 25.1



#20
Methylene Chloride
Concen: 22.342 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

Tgt Ion: 84 Resp: 108302
Ion Ratio Lower Upper
84 100
49 140.4 113.8 170.6
51 40.0 34.0 51.0
86 61.9 52.3 78.5





#25

2-Butanone

Concen: 0.322 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN055200.D

Acq: 23 Apr 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

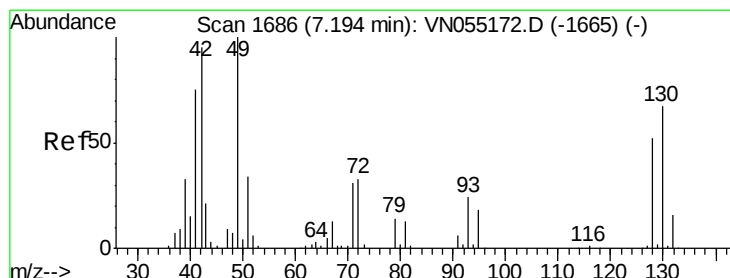
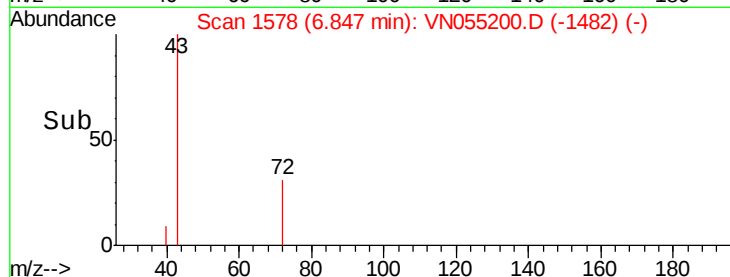
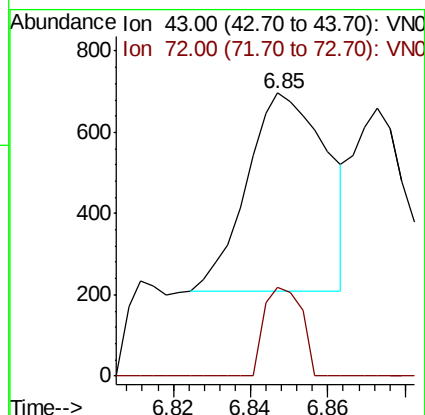
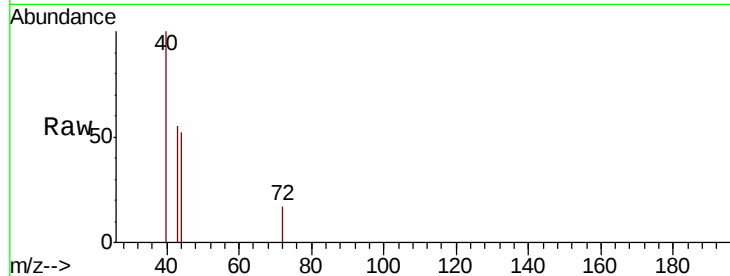
TP-17

Tgt Ion: 43 Resp: 701

Ion Ratio Lower Upper

43 100

72 44.5 17.8 26.8#



#28

Bromochloromethane

Concen: 0.323 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.18 min

Lab File: VN055200.D

Acq: 23 Apr 2019 12:39

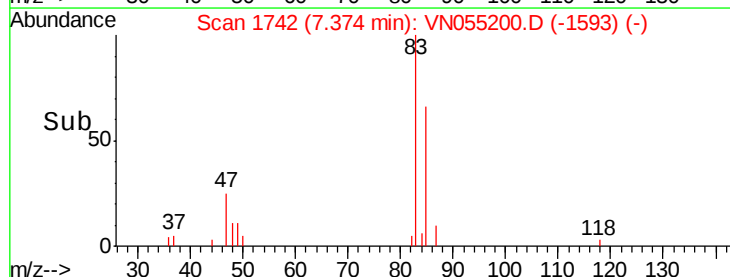
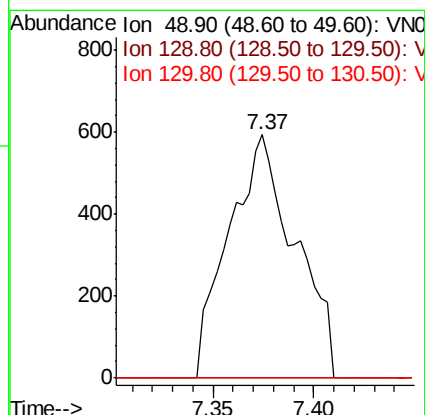
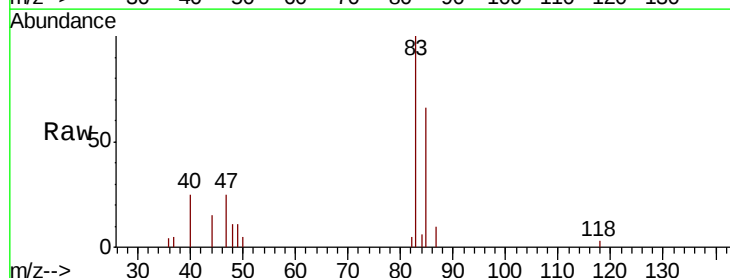
Tgt Ion: 49 Resp: 1354

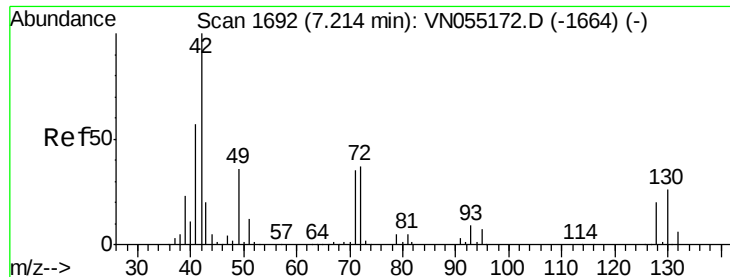
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 53.4 80.2#





#29

Tetrahydrofuran

Concen: 1.032 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055200.D

Acq: 23 Apr 2019 12:39

Instrument :

MSVOA_N

ClientSampled :

TP-17

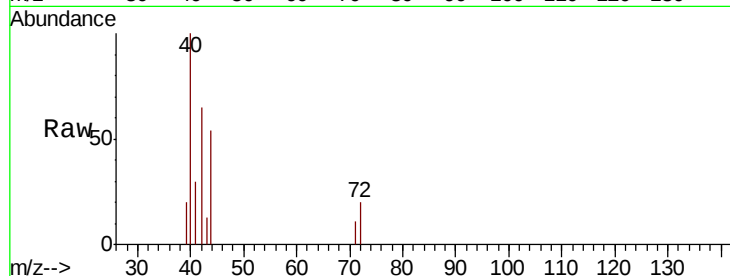
Tgt Ion: 42 Resp: 1381

Ion Ratio Lower Upper

42 100

72 37.5 29.4 44.2

71 2.2 27.8 41.8#

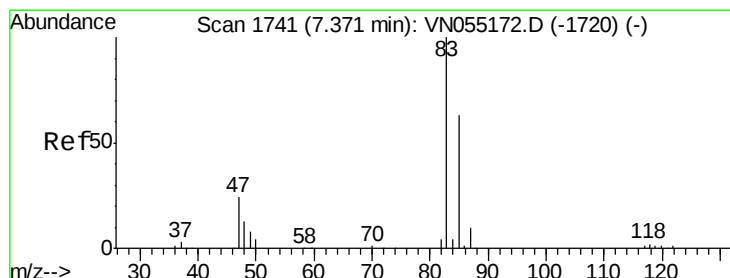
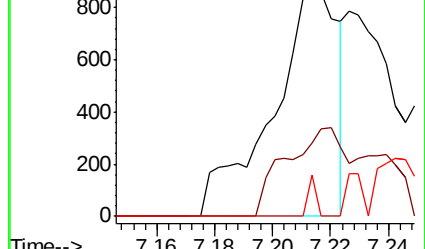
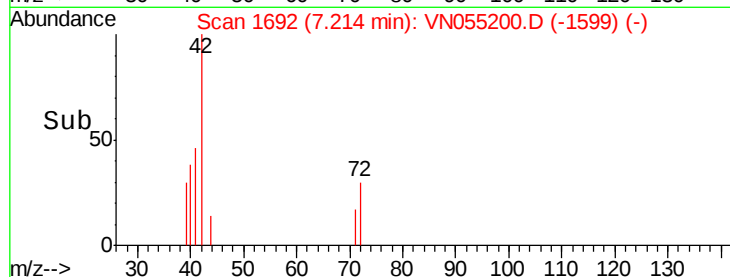


Abundance Ion 42.00 (41.70 to 42.70): VN055172.D (-1664) (-)

Ion 72.00 (71.70 to 72.70): VN055172.D (-1664) (-)

Ion 71.00 (70.70 to 71.70): VN055172.D (-1664) (-)

Time-->



#30

Chloroform

Concen: 1.803 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN055200.D

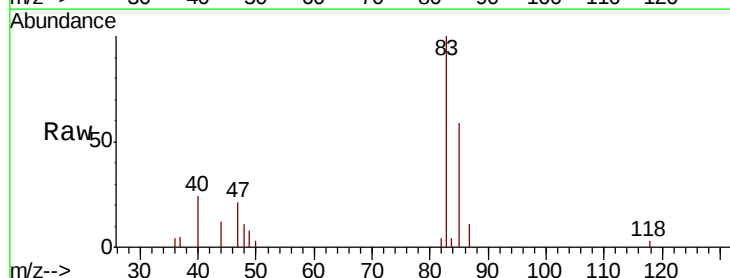
Acq: 23 Apr 2019 12:39

Tgt Ion: 83 Resp: 14094

Ion Ratio Lower Upper

83 100

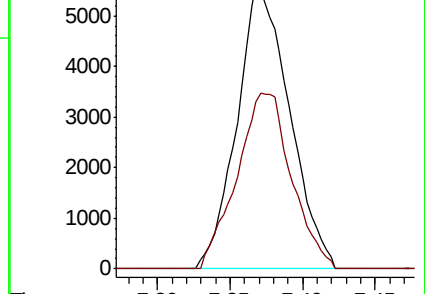
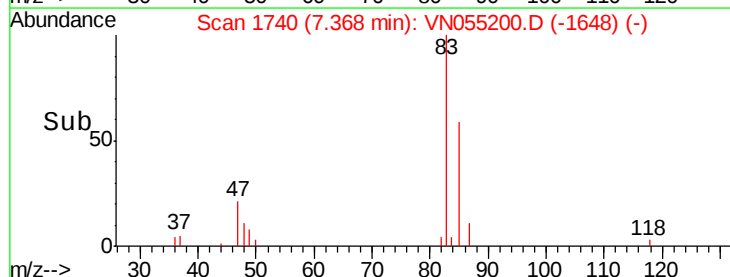
85 58.9 50.6 76.0

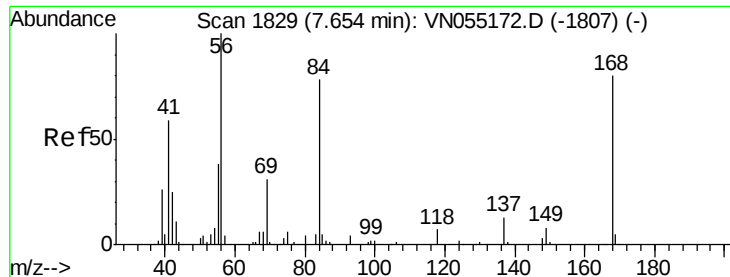


Abundance Ion 82.90 (82.60 to 83.60): VN055172.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN055172.D (-1720) (-)

Time-->

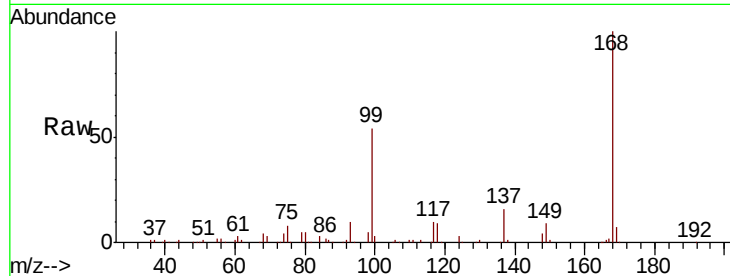




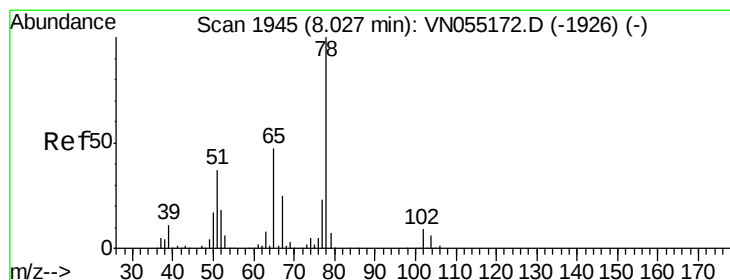
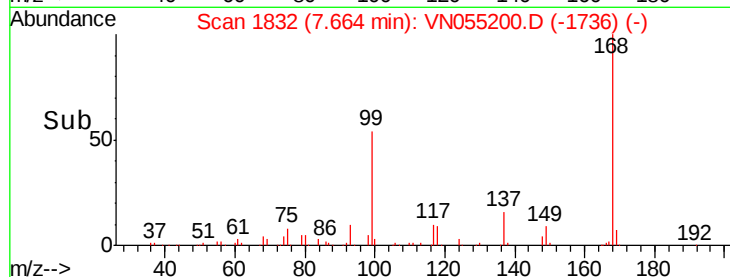
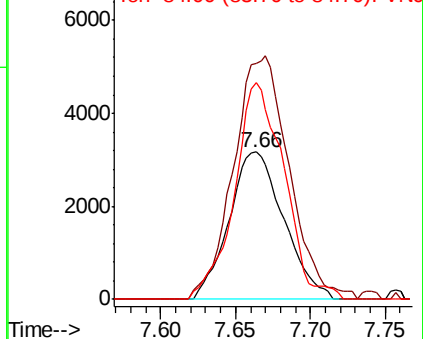
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

Instrument :
MSVOA_N
ClientSampleId :
TP-17

Tgt Ion: 56 Resp: 8089
Ion Ratio Lower Upper
56 100
69 159.8 24.6 37.0#
84 146.6 61.4 92.2#

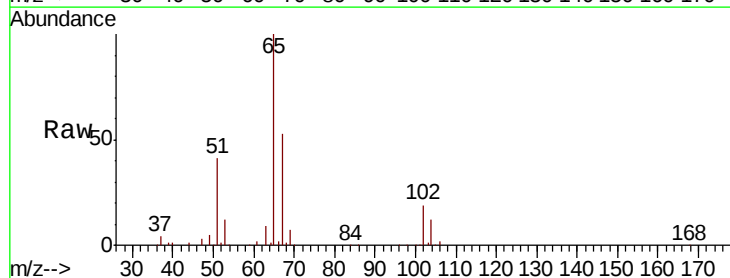


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

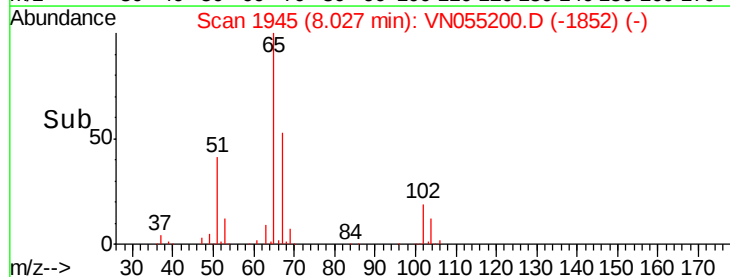
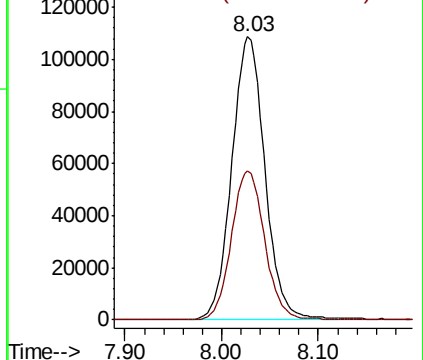


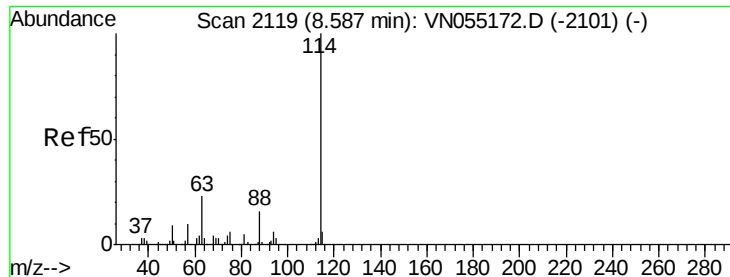
#33
1,2-Dichloroethane-d4
Concen: 50.613 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

Tgt Ion: 65 Resp: 258153
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

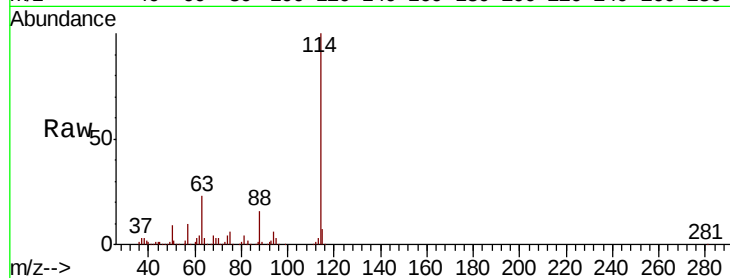




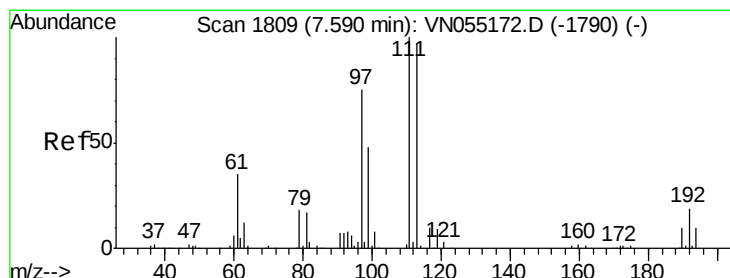
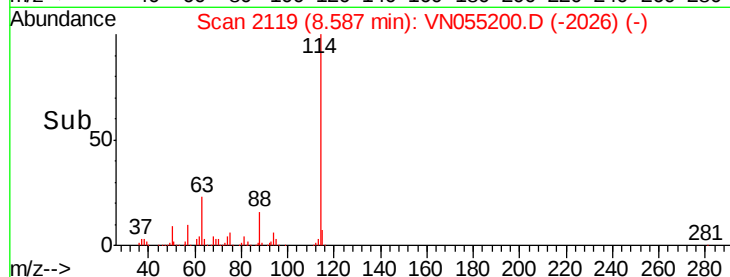
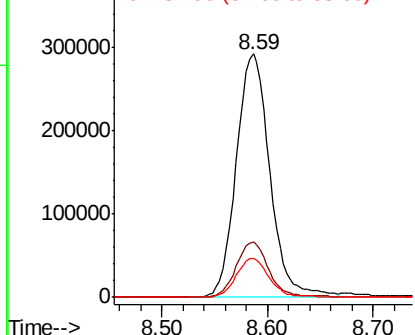
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17

Tgt Ion:114 Resp: 645957
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.2
 88 16.1 0.0 32.8

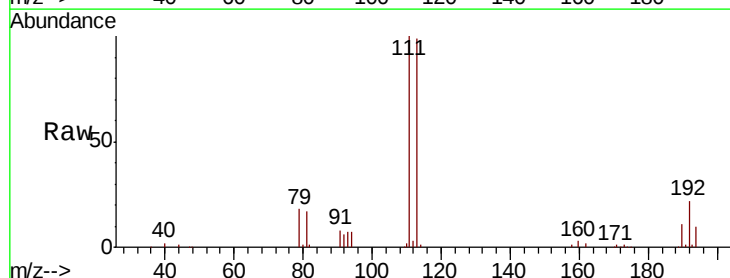


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

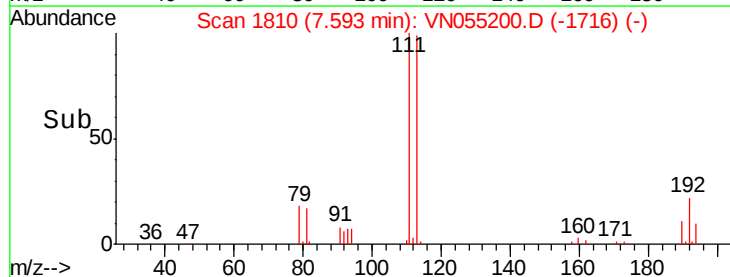
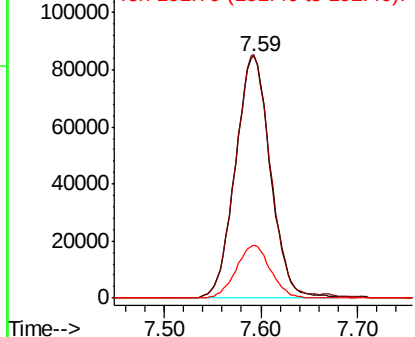


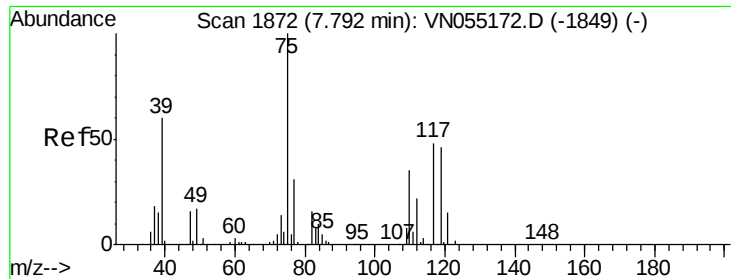
#35
 Dibromofluoromethane
 Concen: 48.771 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

Tgt Ion:113 Resp: 214023
 Ion Ratio Lower Upper
 113 100
 111 99.8 81.0 121.4
 192 21.3 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

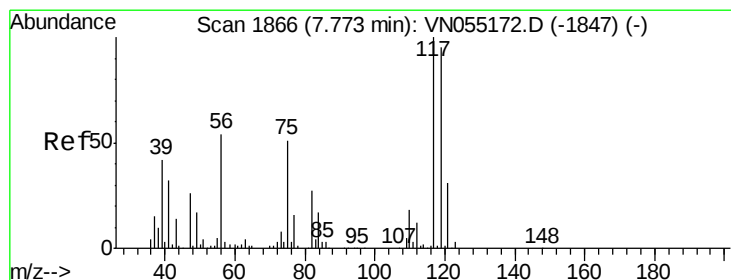
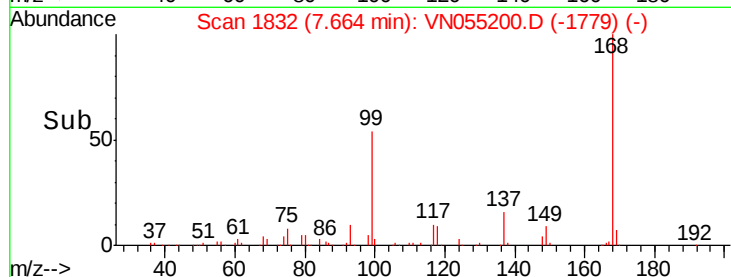
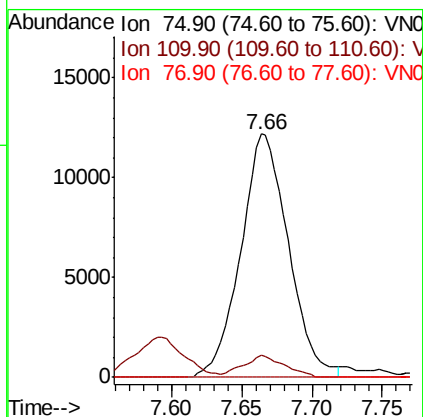
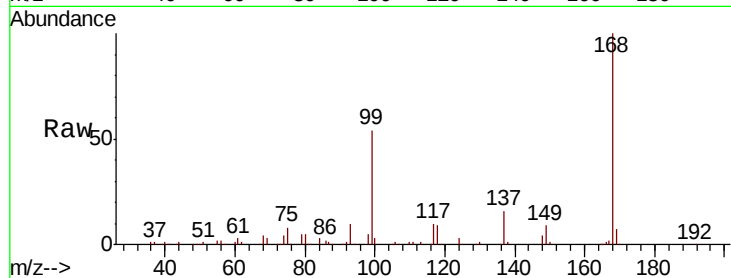




#36
 1,1-Dichloropropene
 Concen: 4.802 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

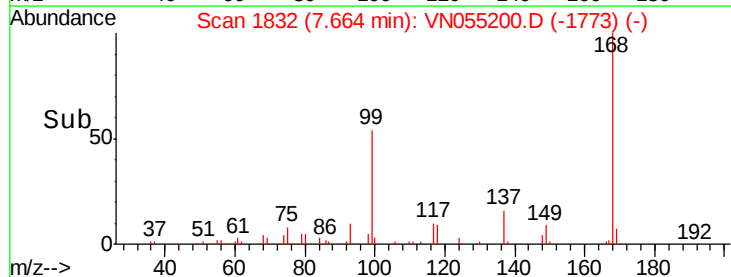
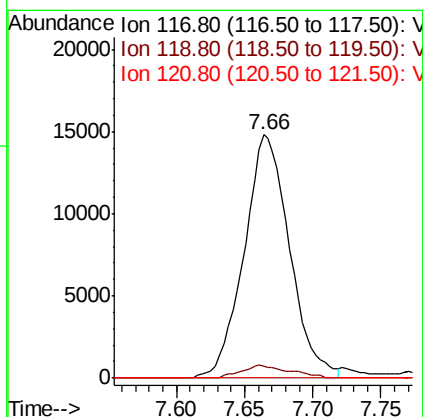
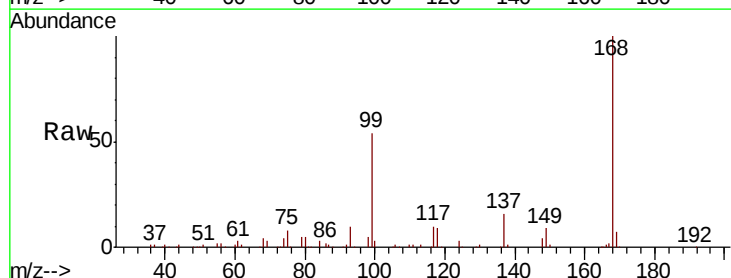
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17

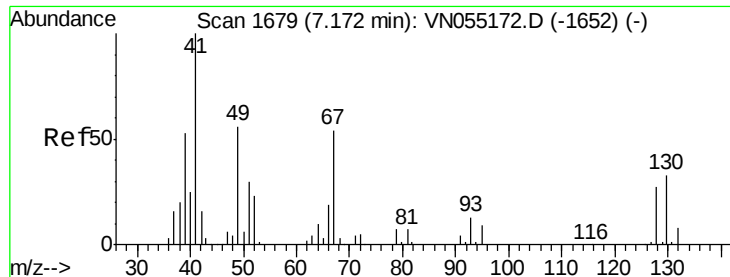
Tgt Ion: 75 Resp: 28793
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.1 51.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.106 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

Tgt Ion: 117 Resp: 34284
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.0 114.0#
 121 0.0 24.6 36.8#

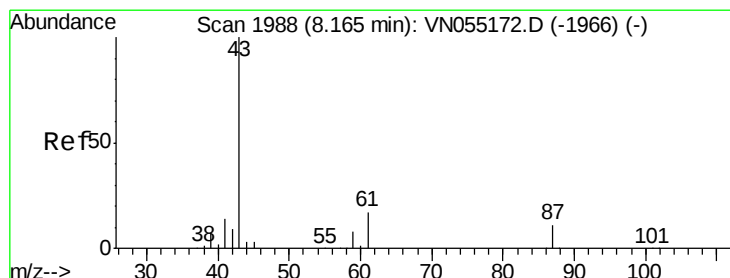
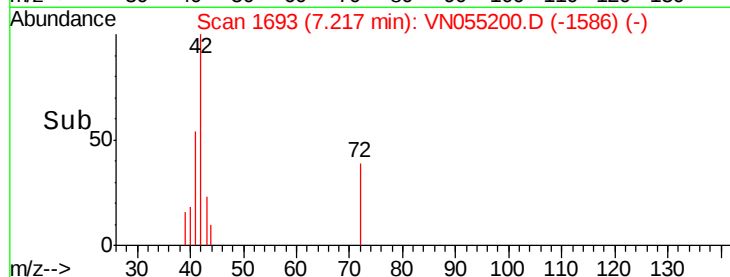
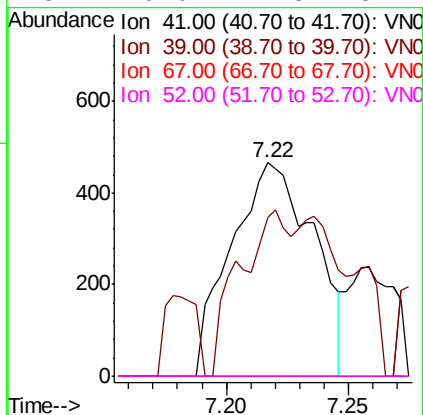
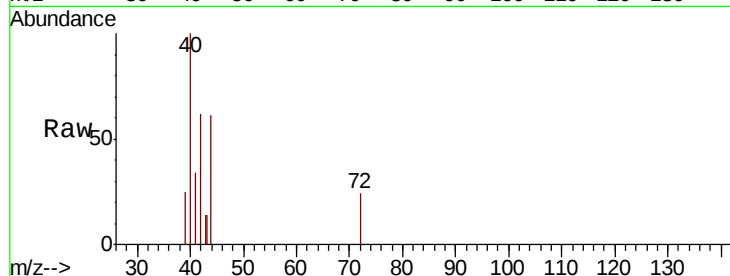




#41
Methacrylonitrile
Concen: 0.431 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

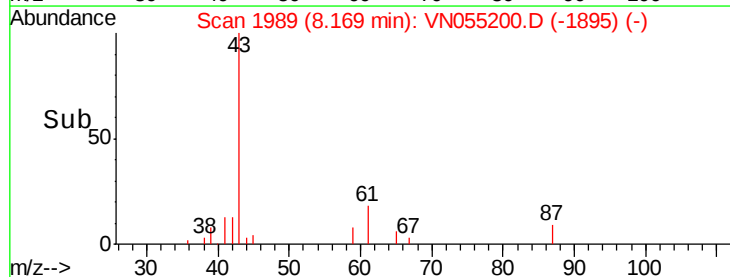
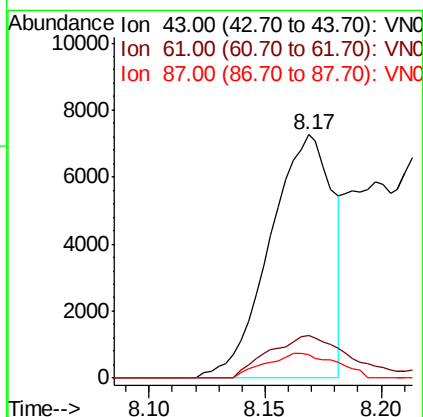
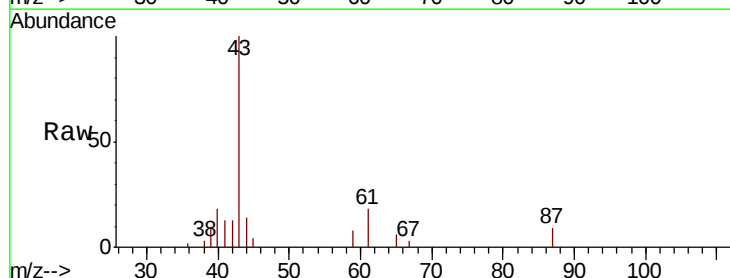
Instrument :
MSVOA_N
ClientSampled :
TP-17

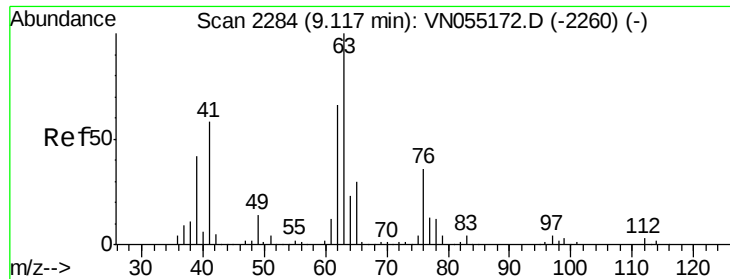
Tgt Ion:	41	Resp:	1094
Ion	Ratio	Lower	Upper
41	100		
39	47.9	45.4	68.0
67	0.0	54.6	81.8#
52	0.0	22.8	34.2#



#43
Isopropyl Acetate
Concen: 1.746 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

Tgt Ion:	43	Resp:	13682
Ion	Ratio	Lower	Upper
43	100		
61	22.5	20.6	30.8
87	11.4	8.8	13.2

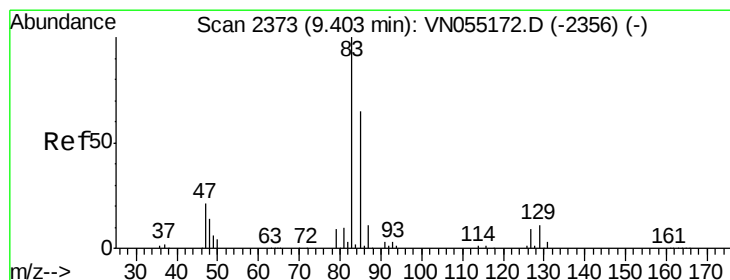
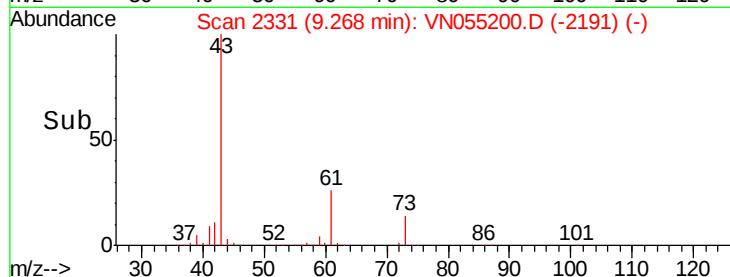
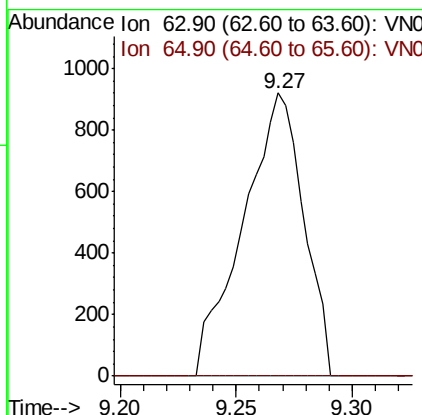
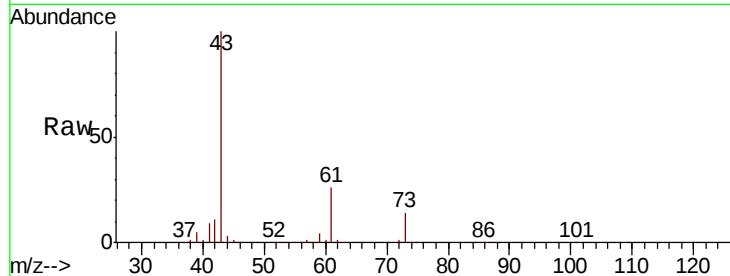




#45
 1,2-Dichloropropane
 Concen: 0.320 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

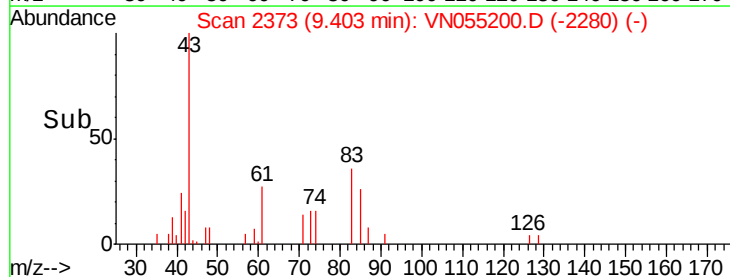
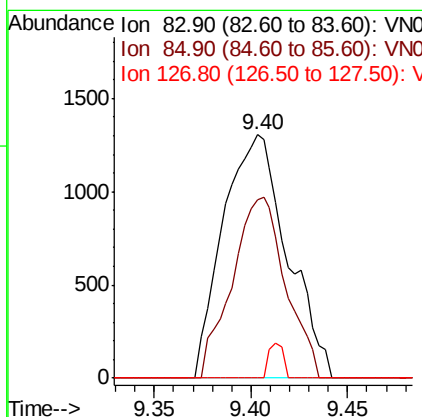
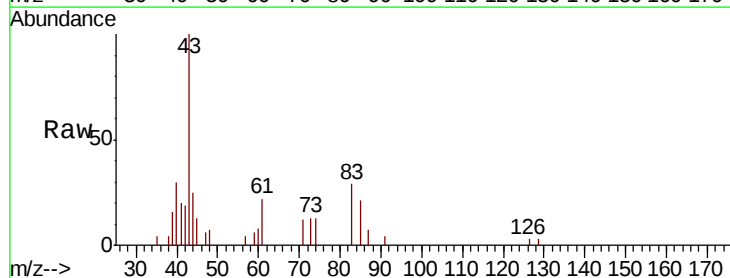
Instrument :
 MSVOA_N
 ClientSampled :
 TP-17

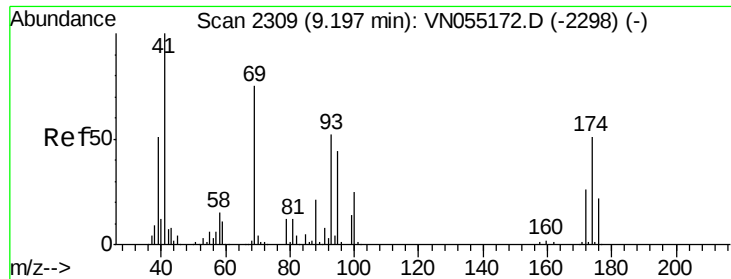
Tgt Ion: 63 Resp: 1671
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.8 35.6#



#47
 Bromodichloromethane
 Concen: 0.504 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

Tgt Ion: 83 Resp: 3016
 Ion Ratio Lower Upper
 83 100
 85 73.3 52.1 78.1
 127 0.0 6.9 10.3#

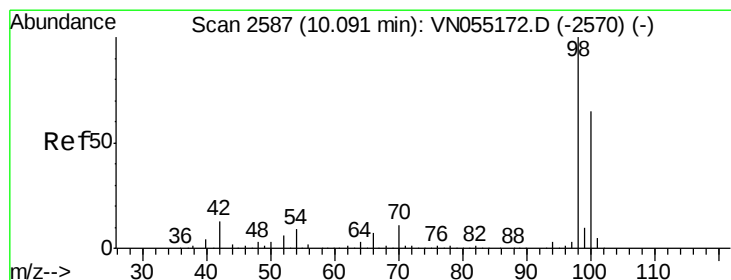
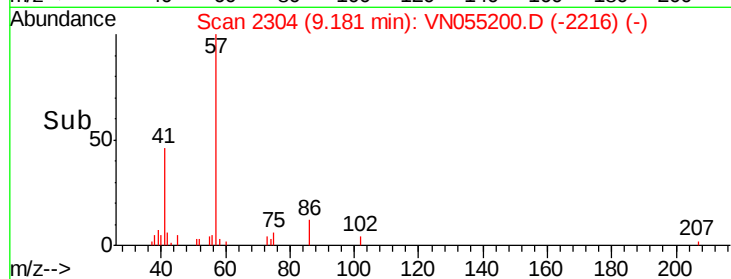
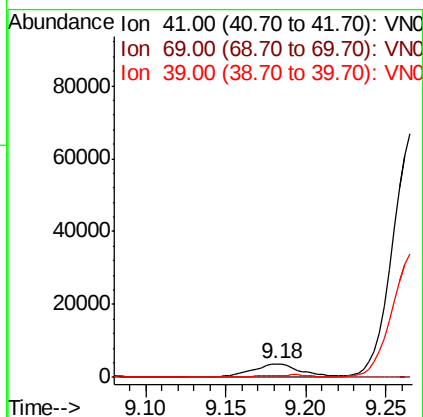
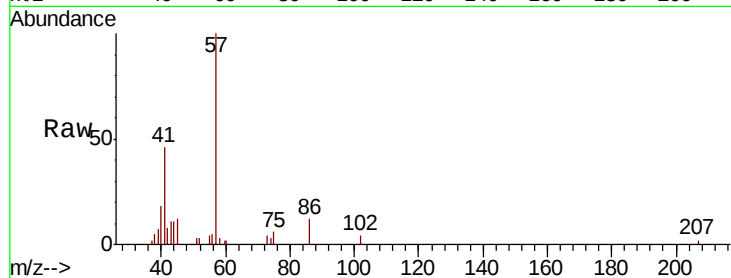




#48
Methyl methacrylate
Concen: 2.079 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

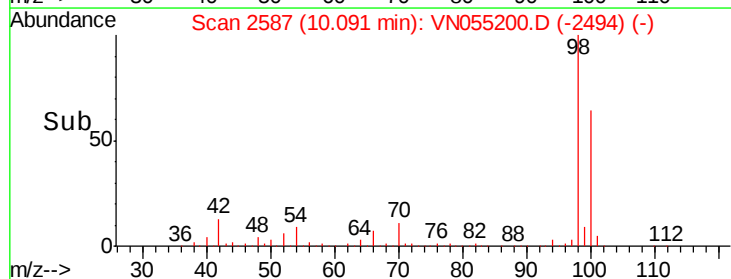
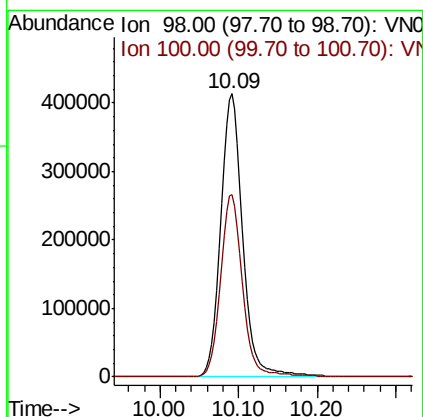
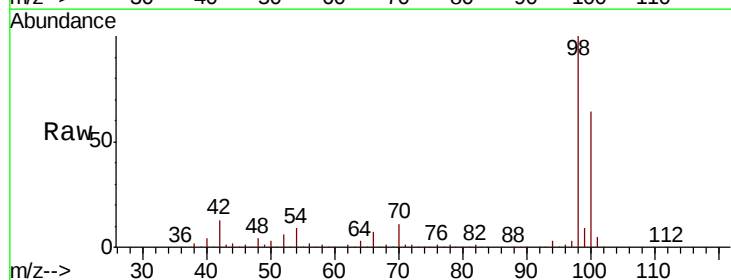
Instrument :
MSVOA_N
ClientSampled :
TP-17

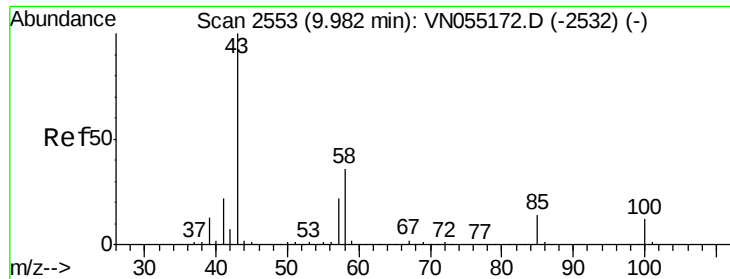
Tgt Ion: 41 Resp: 7903
Ion Ratio Lower Upper
41 100
69 0.0 63.6 95.4#
39 0.0 43.8 65.8#



#50
Toluene-d8
Concen: 48.968 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

Tgt Ion: 98 Resp: 796181
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 2.096 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.05 min

Lab File: VN055200.D

Acq: 23 Apr 2019 12:39

Instrument :

MSVOA_N

ClientSampled :

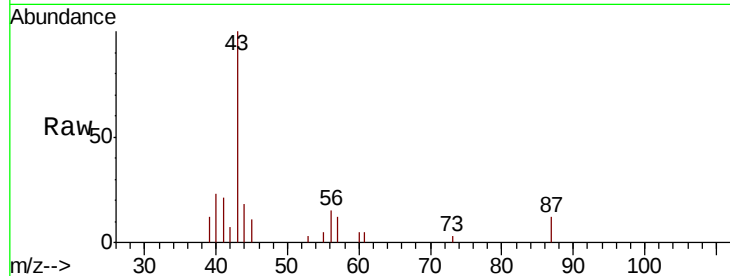
TP-17

Tgt Ion: 43 Resp: 9452

Ion Ratio Lower Upper

43 100

58 0.0 28.3 42.5#



Abundance Ion 43.00 (42.70 to 43.70): VN055200.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN055200.D (-2460) (-)

10.03

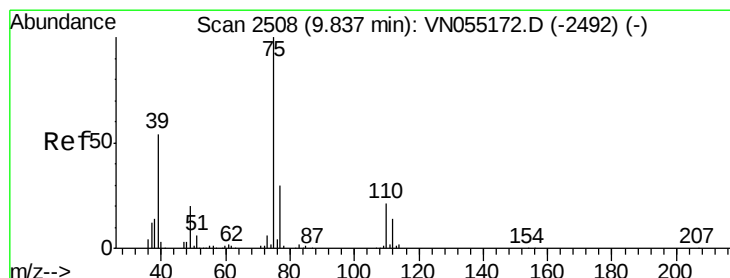
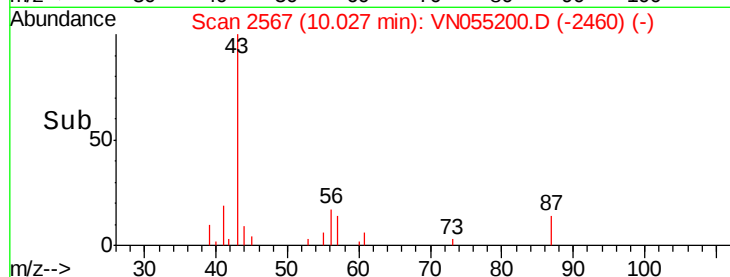
6000

4000

2000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 8.110 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055200.D

Acq: 23 Apr 2019 12:39

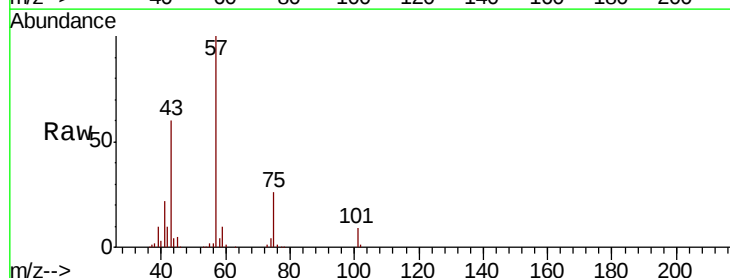
Tgt Ion: 75 Resp: 55293

Ion Ratio Lower Upper

75 100

77 0.6 24.3 36.5#

39 36.5 43.0 64.4#



Abundance Ion 74.90 (74.60 to 75.60): VN055200.D (-2415) (-)

Ion 76.90 (76.60 to 77.60): VN055200.D (-2415) (-)

Ion 39.00 (38.70 to 39.70): VN055200.D (-2415) (-)

9.90

40000

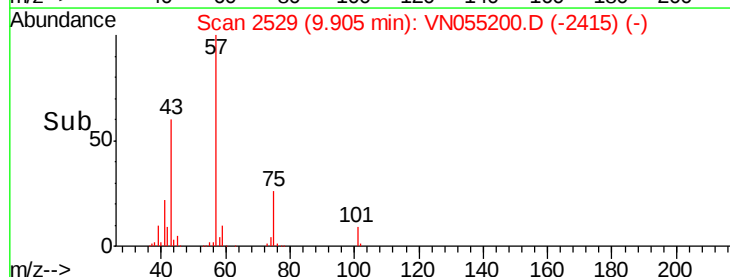
30000

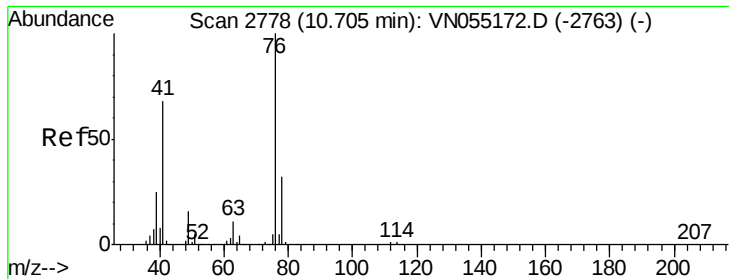
20000

10000

0

Time-->

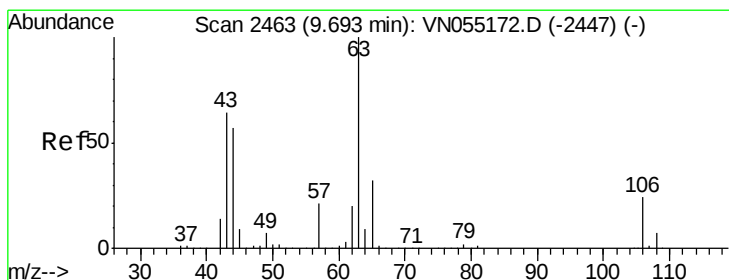
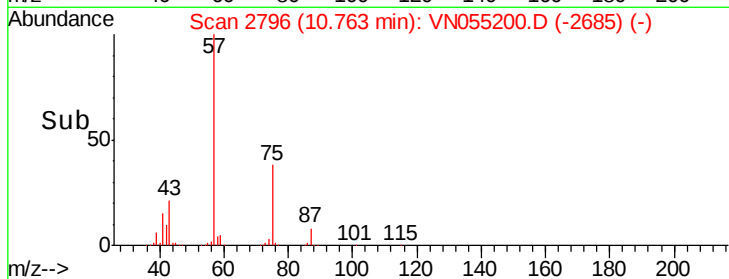
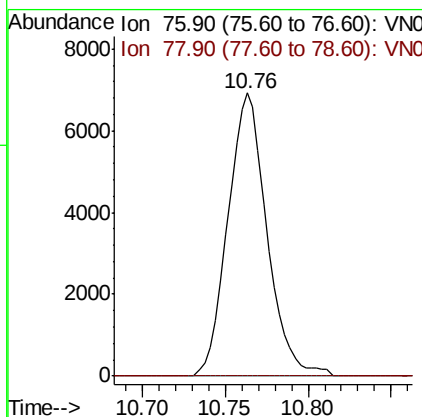
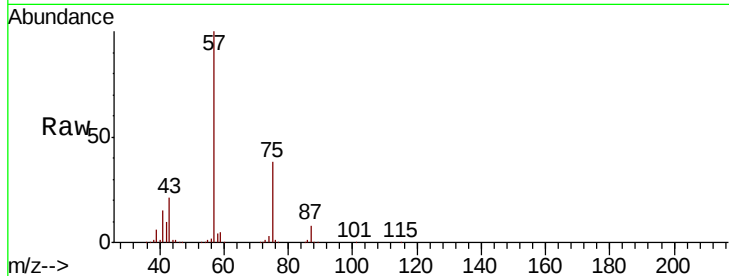




#57
 1,3-Dichloropropane
 Concen: 1.622 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

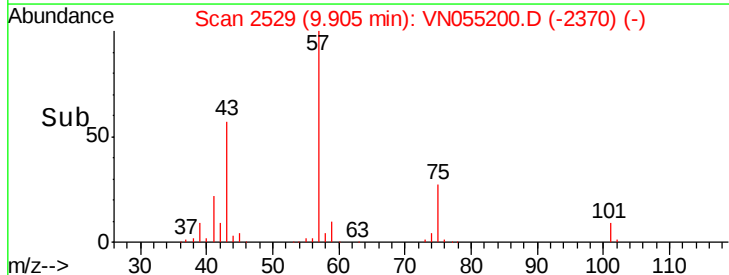
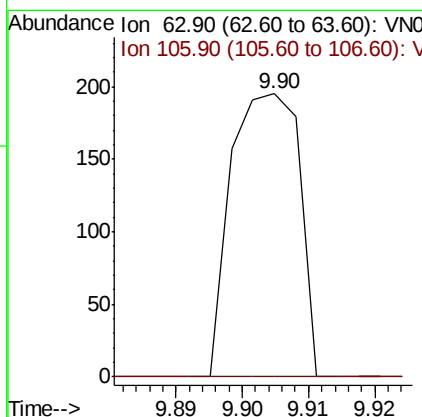
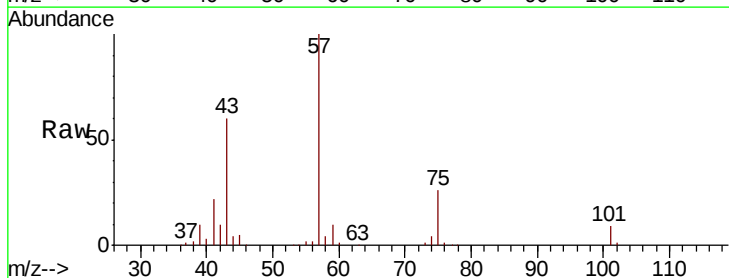
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17

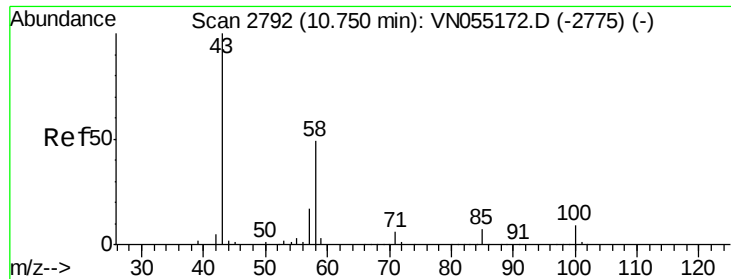
Tgt Ion: 76 Resp: 11286
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.3 37.9#



#58
 2-Chloroethyl Vinyl ether
 Concen: 11.351 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.21 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

Tgt Ion: 63 Resp: 139
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.0#

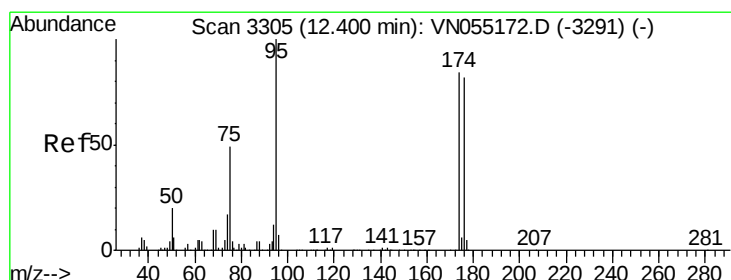
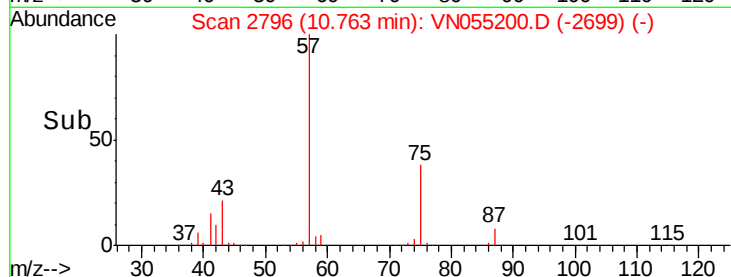
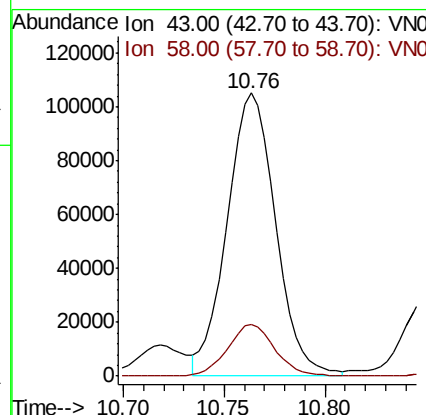
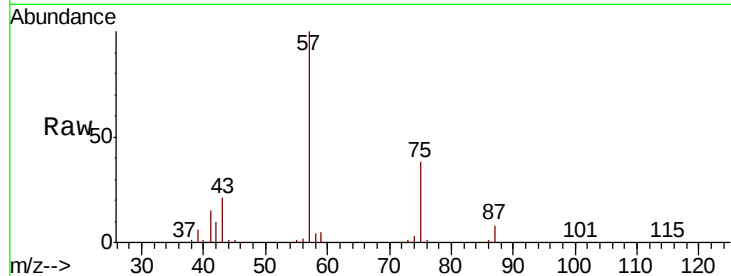




#59
2-Hexanone
Concen: 61.435 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

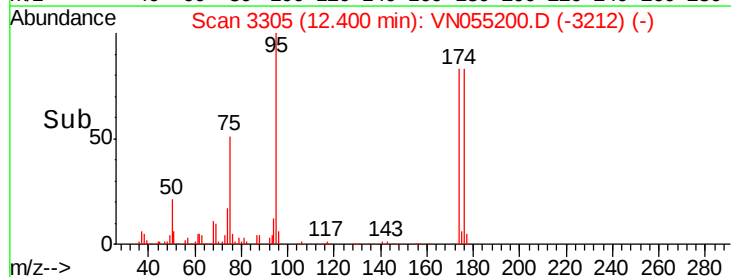
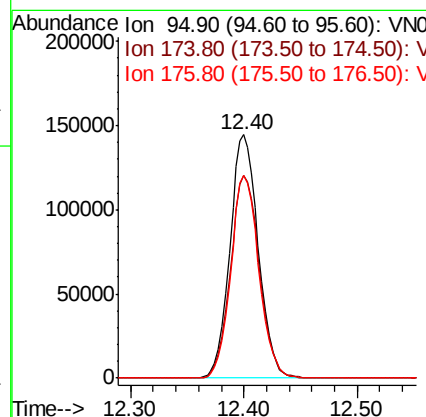
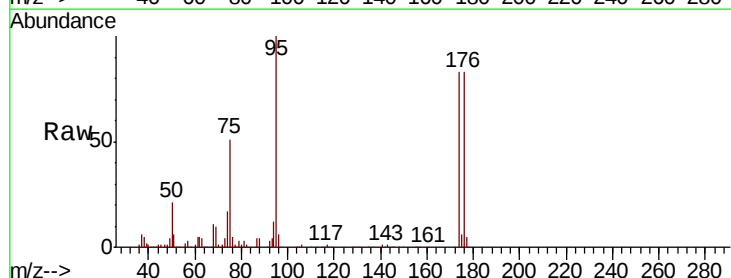
Instrument :
MSVOA_N
ClientSampleId :
TP-17

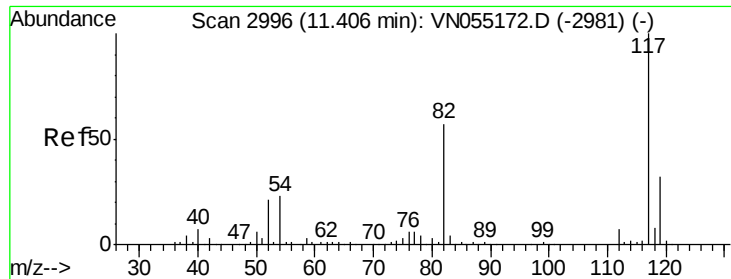
Tgt Ion: 43 Resp: 174958
Ion Ratio Lower Upper
43 100
58 18.1 24.5 73.5#



#62
4-Bromofluorobenzene
Concen: 48.773 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

Tgt Ion: 95 Resp: 251127
Ion Ratio Lower Upper
95 100
174 85.0 0.0 168.4
176 82.5 0.0 164.0

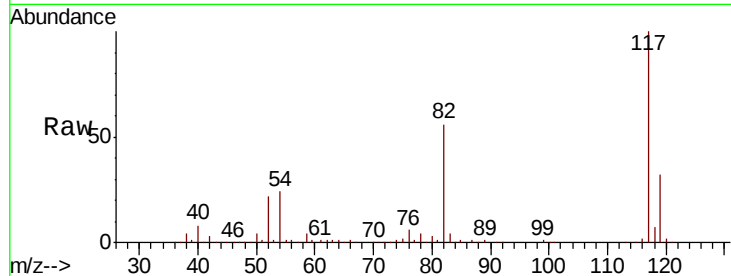




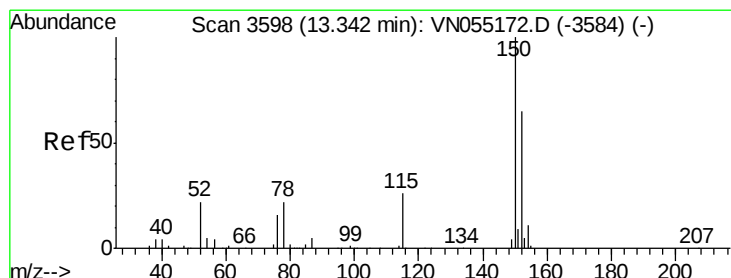
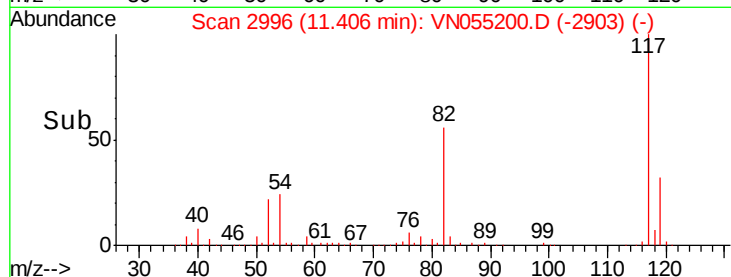
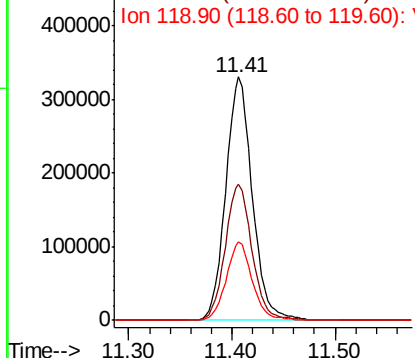
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

Instrument :
MSVOA_N
ClientSampled :
TP-17

Tgt Ion:117 Resp: 592878
Ion Ratio Lower Upper
117 100
82 55.9 45.7 68.5
119 32.5 25.4 38.2

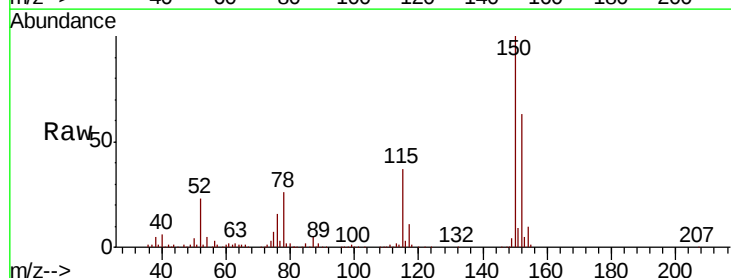


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

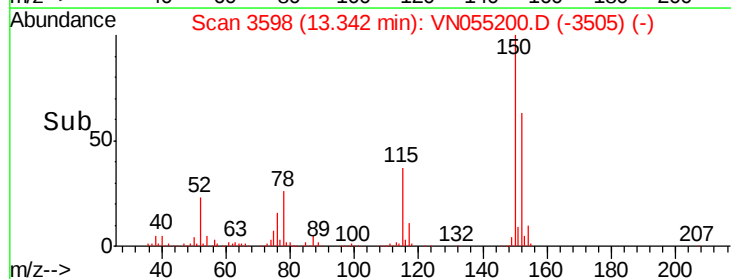
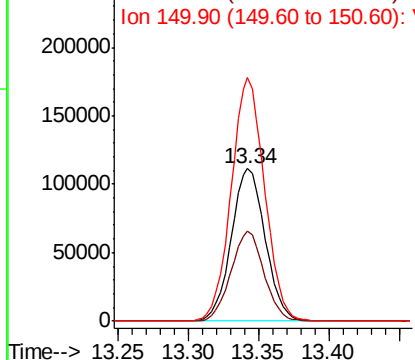


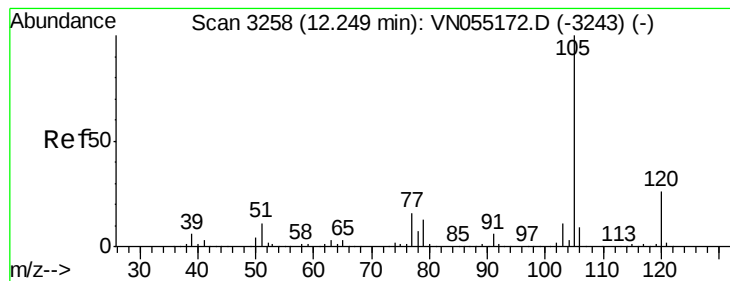
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055200.D
Acq: 23 Apr 2019 12:39

Tgt Ion:152 Resp: 187793
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 156.8 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: VN055200.D

Acq: 23 Apr 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

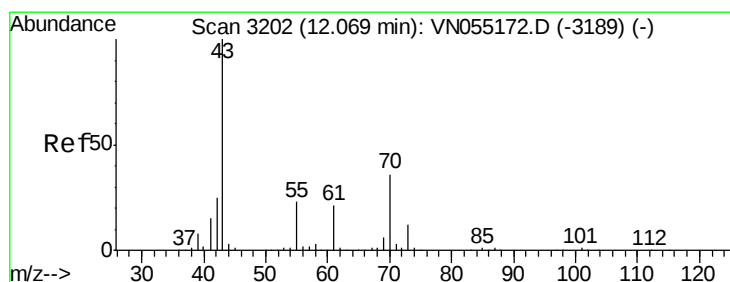
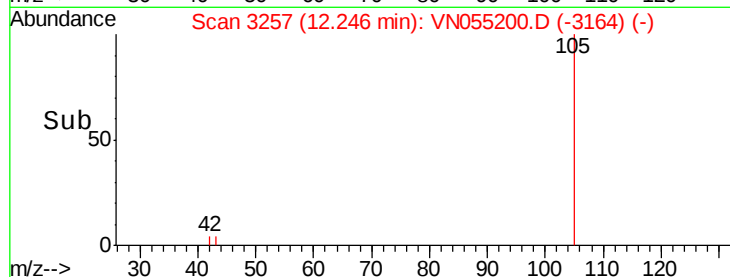
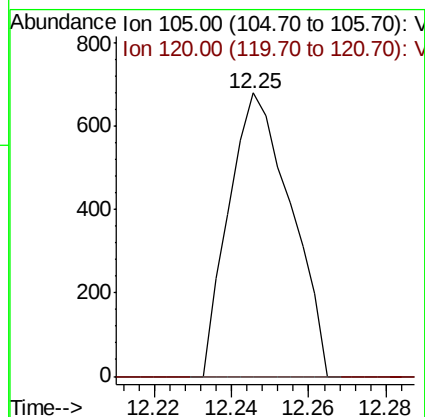
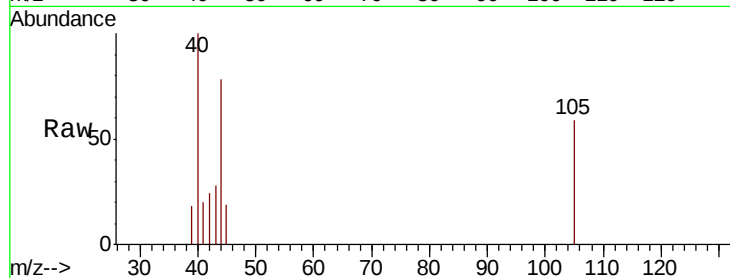
TP-17

Tgt Ion:105 Resp: 755

Ion Ratio Lower Upper

105 100

120 0.0 13.1 39.1#



#74

N-ethyl acetate

Concen: 3.527 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055200.D

Acq: 23 Apr 2019 12:39

Tgt Ion: 43 Resp: 17076

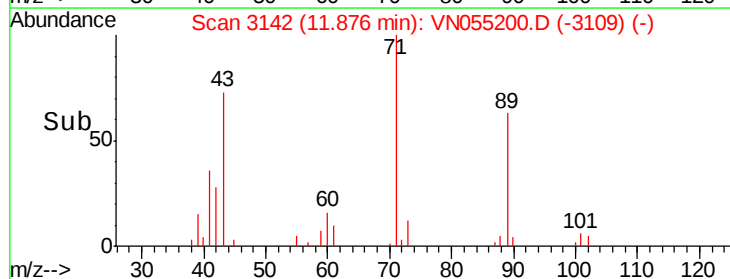
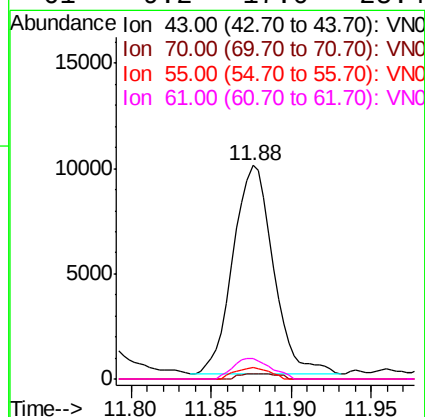
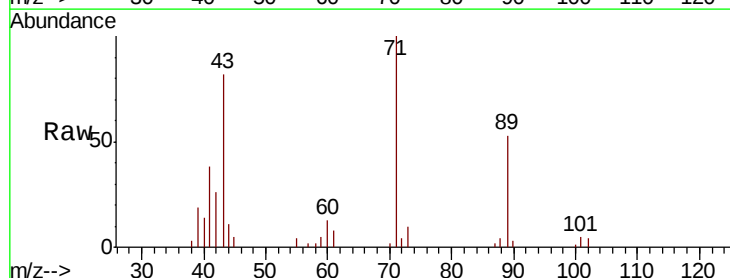
Ion Ratio Lower Upper

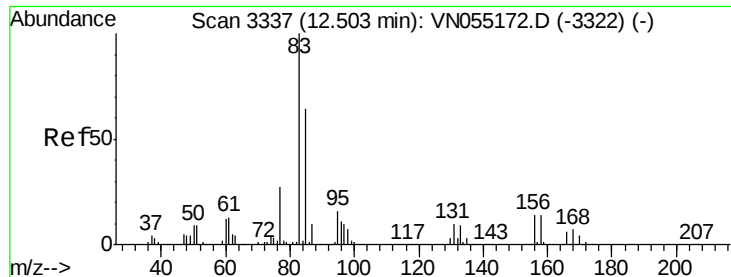
43 100

70 2.4 29.0 43.6#

55 4.4 18.5 27.7#

61 9.2 17.0 25.4#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. -0.11 min

Lab File: VN055200.D

Acq: 23 Apr 2019 12:39

Instrument :

MSVOA_N

ClientSampled :

TP-17

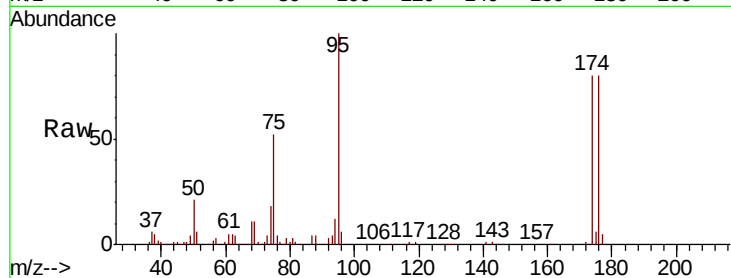
Tgt Ion: 83 Resp: 95

Ion Ratio Lower Upper

83 100

131 323.2 5.0 15.0#

85 0.0 32.1 96.3#

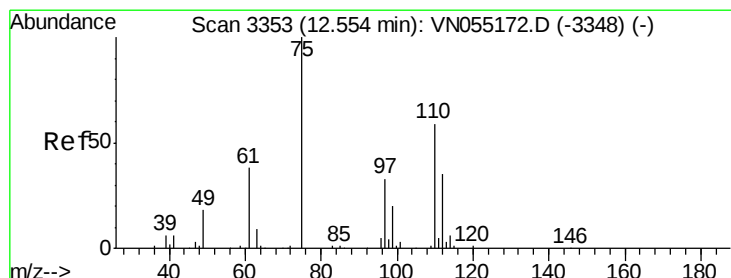
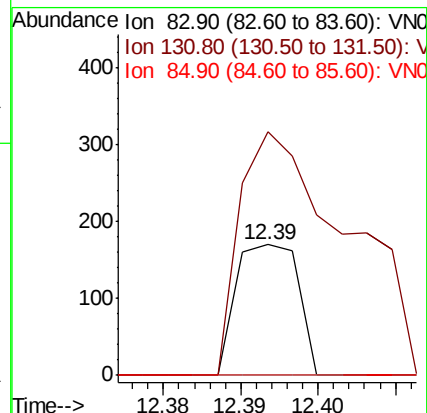
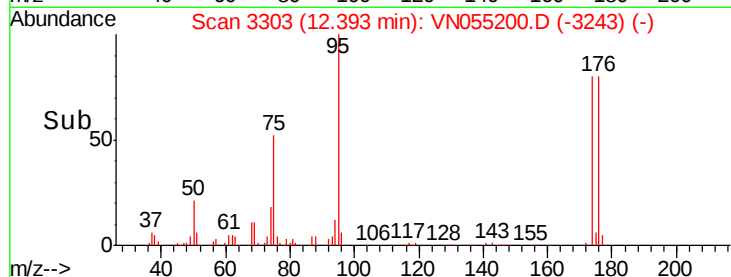


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time-->



#76

1,2,3-Trichloropropane

Concen: 33.796 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055200.D

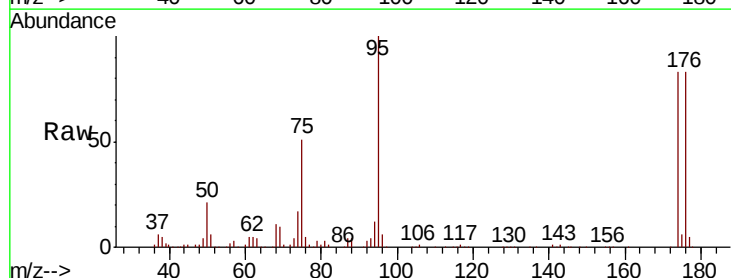
Acq: 23 Apr 2019 12:39

Tgt Ion: 75 Resp: 128758

Ion Ratio Lower Upper

75 100

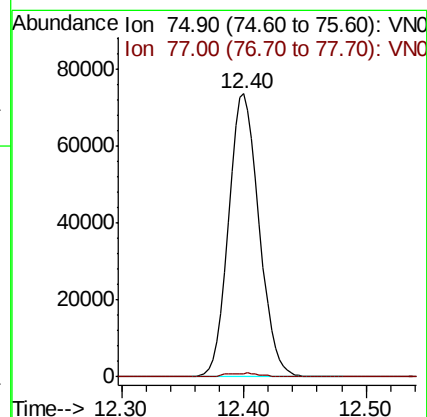
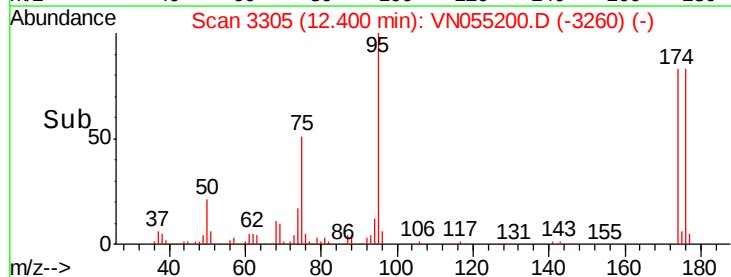
77 0.9 0.0 0.0#

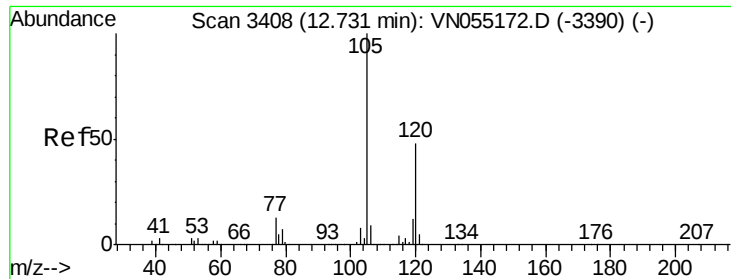


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.447 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055200.D

Acq: 23 Apr 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

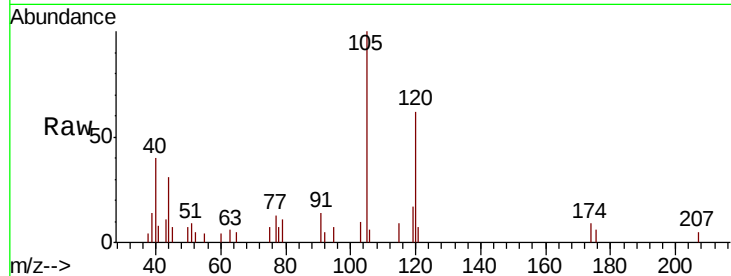
TP-17

Tgt Ion:105 Resp: 6281

Ion Ratio Lower Upper

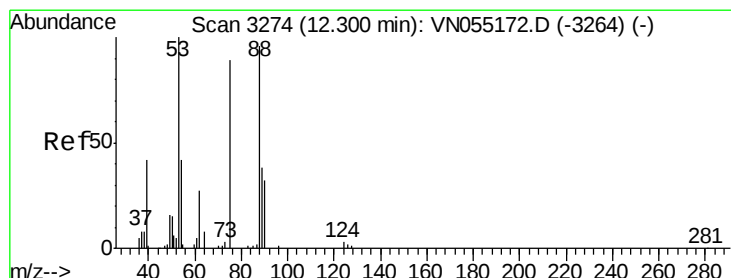
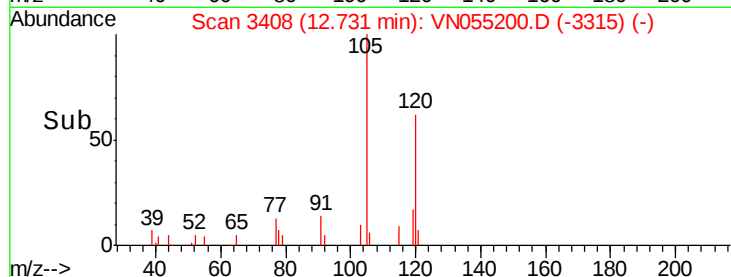
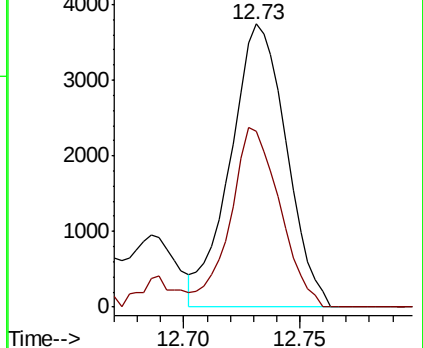
105 100

120 56.0 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: 128.116 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055200.D

Acq: 23 Apr 2019 12:39

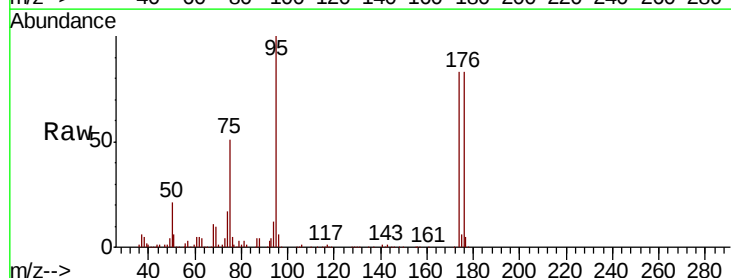
Tgt Ion: 75 Resp: 128758

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

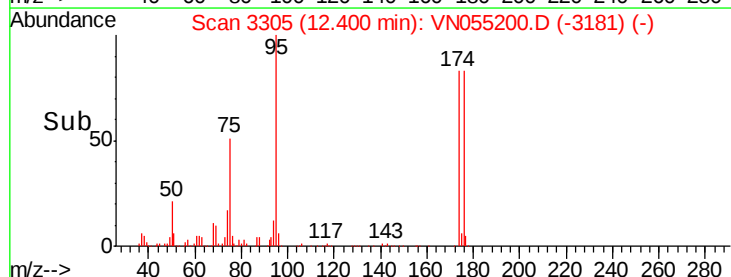
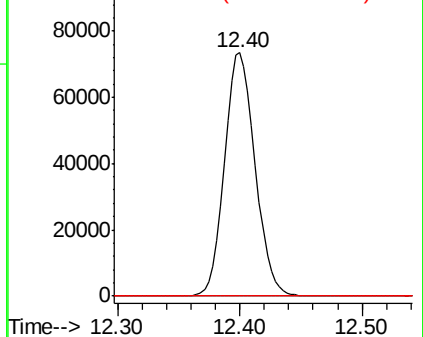
89 0.0 36.7 55.1#

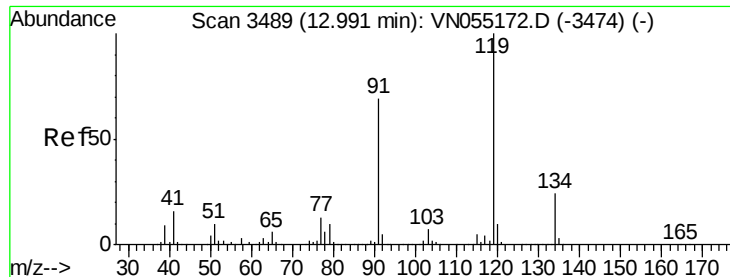


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V

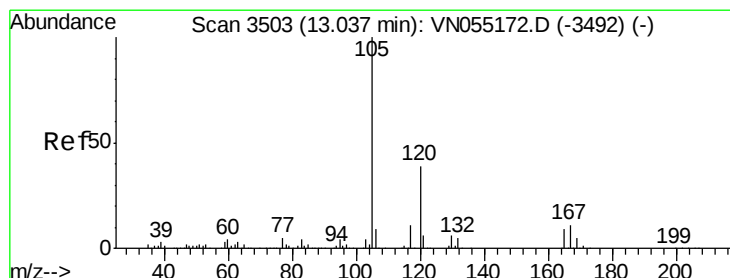
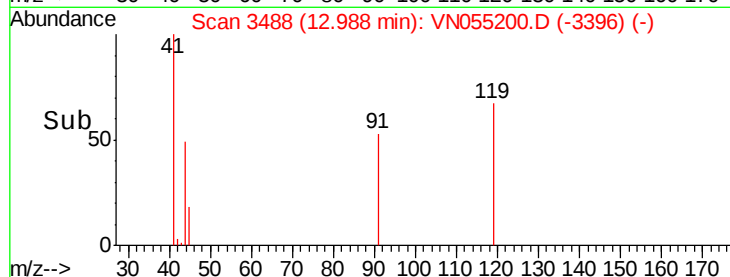
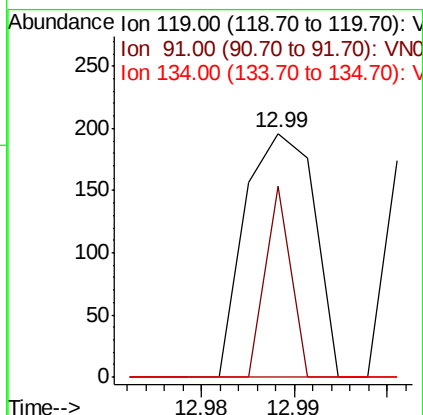
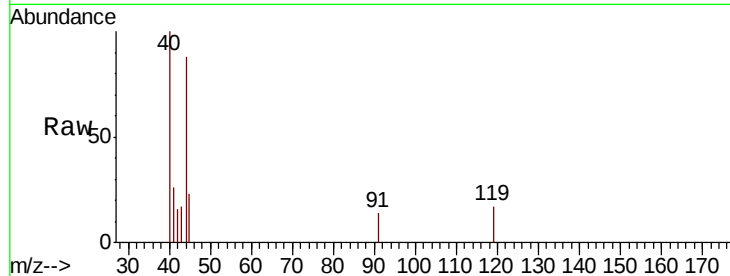




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

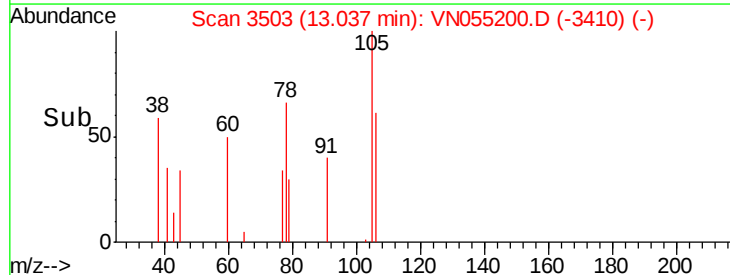
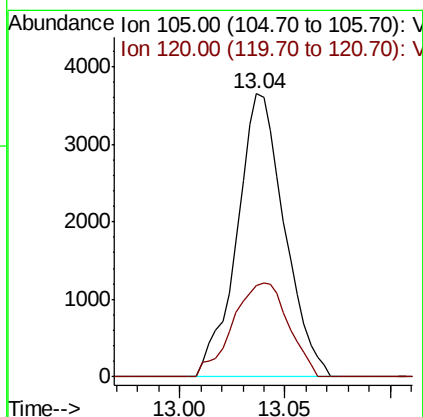
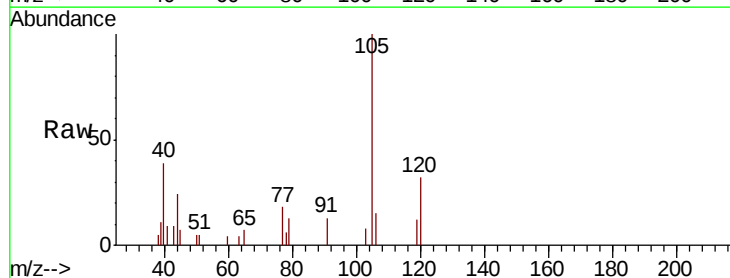
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17

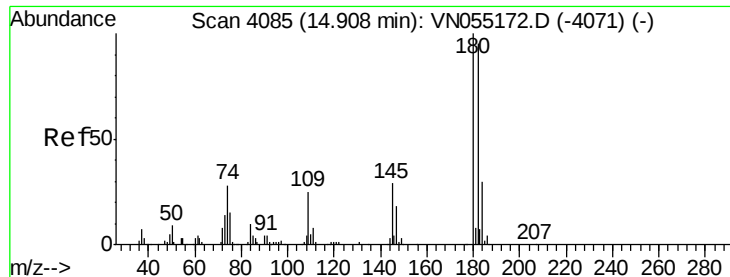
Tgt Ion:119 Resp: 102
 Ion Ratio Lower Upper
 119 100
 91 29.4 33.8 101.3#
 134 0.0 13.2 39.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.430 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

Tgt Ion:105 Resp: 5710
 Ion Ratio Lower Upper
 105 100
 120 38.9 22.7 68.1

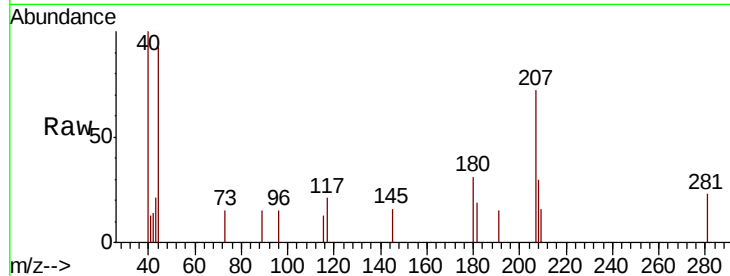




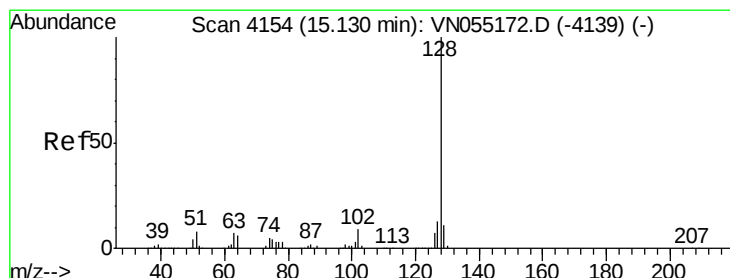
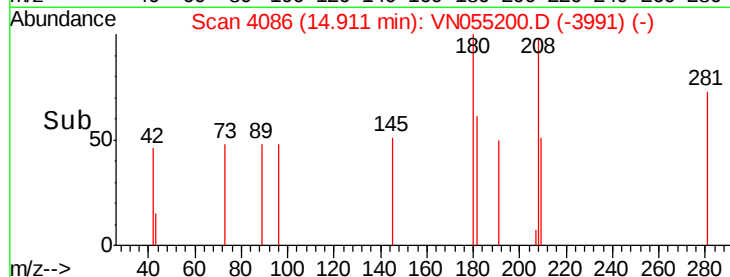
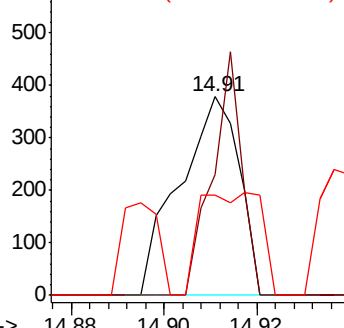
#93
 1,2,4-Trichlorobenzene
 Concen: 2.855 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

Instrument :
 MSVOA_N
 ClientSampled :
 TP-17

Tgt Ion:180 Resp: 342
 Ion Ratio Lower Upper
 180 100
 182 59.6 47.8 143.4
 145 53.2 14.5 43.5#

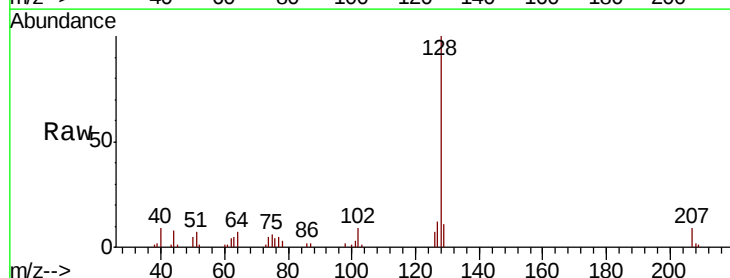


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

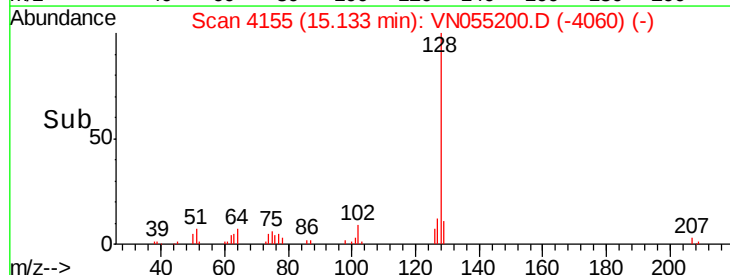
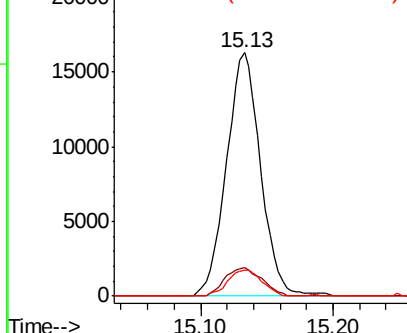


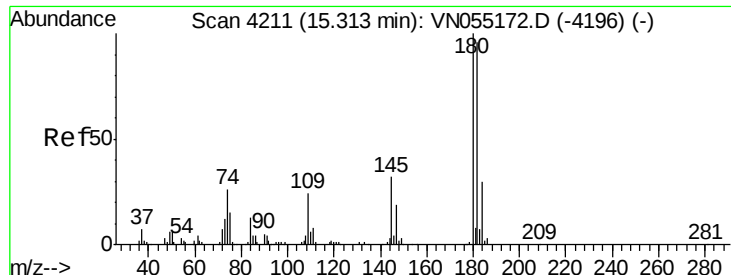
#95
 Naphthalene
 Concen: 7.877 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

Tgt Ion:128 Resp: 29057
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.3 15.5
 129 10.7 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: 2.172 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN055200.D
 Acq: 23 Apr 2019 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17

Tgt Ion:180 Resp: 140
 Ion Ratio Lower Upper
 180 100
 182 52.9 47.2 141.6
 145 294.3 15.4 46.1#

