

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055015.D
 Acq On : 12 Apr 2019 22:25
 Operator : JC/SP
 Sample : K2358-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7-S

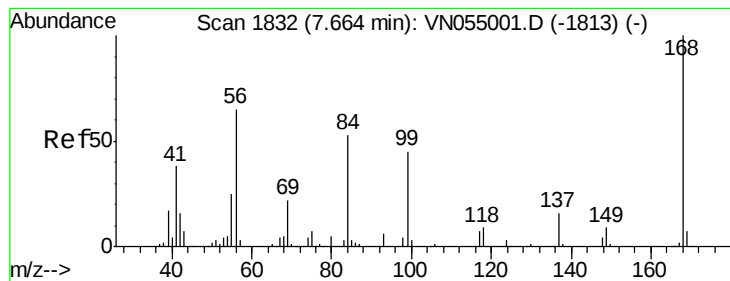
Quant Time: Apr 13 03:45:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	564366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	860200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	712690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230616	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	351485	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
35) Dibromofluoromethane	7.59	113	276269	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
50) Toluene-d8	10.09	98	1029257	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	293538	43.27	ug/l	0.00
Spiked Amount			Recovery	=	86.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	242	0.460	ug/l #	43
14) Allyl chloride	4.54	41	61868	5.803	ug/l #	26
16) Acetone	3.82	43	18314	9.413	ug/l	94
18) Methyl Acetate	4.33	43	1601	0.265	ug/l #	72
20) Methylene Chloride	4.54	84	1349536	218.812	ug/l	98
25) 2-Butanone	6.86	43	4178	1.394	ug/l #	85
30) Chloroform	7.38	83	5010	0.450	ug/l #	83
31) Cyclohexane	7.67	56	11359	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	40763	5.127	ug/l #	49
37) Ethyl Acetate	6.86	43	4181	0.701	ug/l #	75
38) Carbon Tetrachloride	7.67	117	51021	6.818	ug/l #	15
43) Isopropyl Acetate	8.17	43	14137	1.385	ug/l	98
45) 1,2-Dichloropropane	9.27	63	1587	0.234	ug/l #	44
47) Bromodichloromethane	9.40	83	1645	0.208	ug/l #	78
48) Methyl methacrylate	9.18	41	7648	1.455	ug/l #	17
49) 1,4-Dioxane	9.27	88	101	1.786	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	7322	1.225	ug/l #	39
54) cis-1,3-Dichloropropene	9.90	75	44171	5.010	ug/l #	69
57) 1,3-Dichloropropane	10.77	76	8579	0.939	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	60	18.221	ug/l #	50
59) 2-Hexanone	10.77	43	138162	37.001	ug/l #	54
71) Bromoform	12.40	173	2890	3.374	ug/l #	1
74) N-ethyl acetate	11.88	43	10622	1.797	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	150812	35.546	ug/l #	100
77) Bromobenzene	12.53	156	274	Below Cal	#	3
81) trans-1,4-Dichloro-2-buten	12.40	75	150812	146.714	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.90	180	415	3.633	ug/l #	63
95) Naphthalene	15.13	128	5575	5.249	ug/l #	95

(#) = 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: VN055015.D

Acq: 12 Apr 2019 22:25

Instrument :

MSVOA_N

ClientSampled :

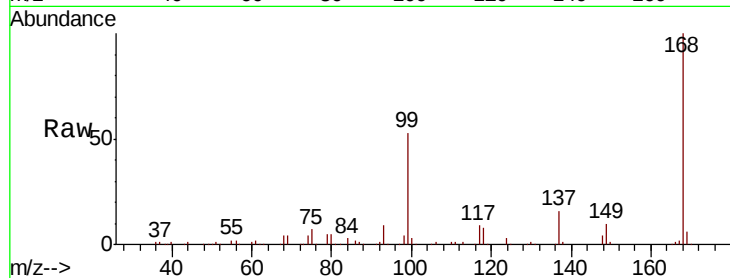
TP-7-S

Tot Ion:168 Resp: 564366

Ion Ratio Lower Upper

168 100

99 52.7 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055015.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055015.D (-1739) (-)

7.67

250000

200000

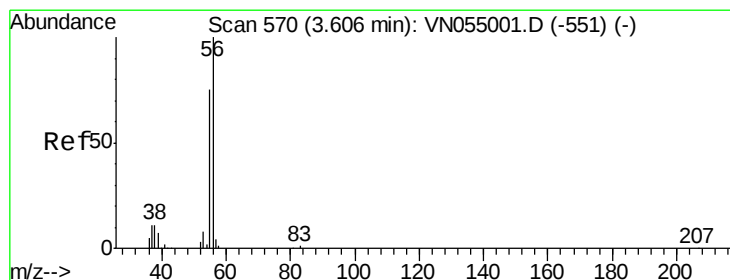
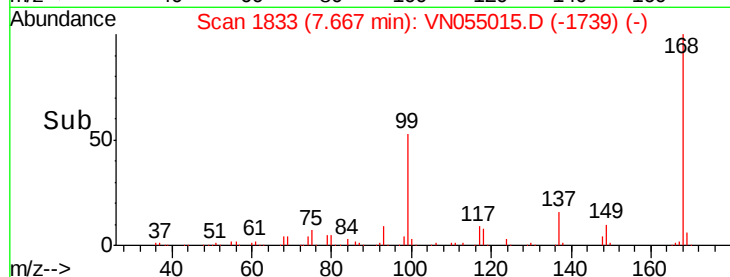
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#13

Acrolein

Concen: 0.460 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055015.D

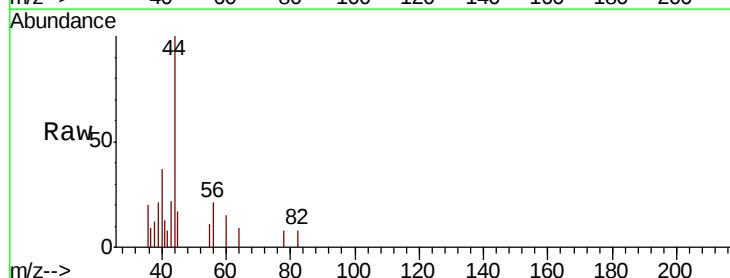
Acq: 12 Apr 2019 22:25

Tgt Ion: 56 Resp: 242

Ion Ratio Lower Upper

56 100

55 123.1 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN055015.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN055015.D (-477) (-)

3.61

500

400

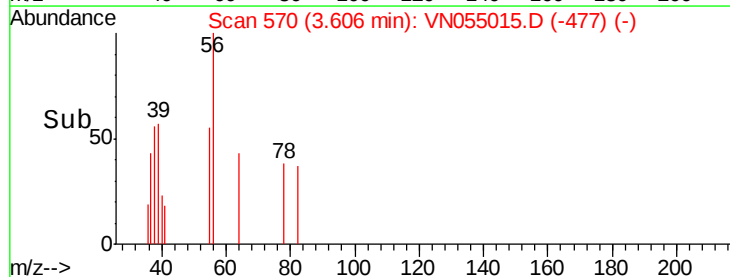
300

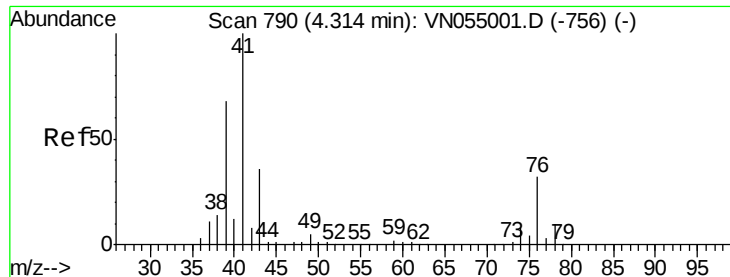
200

100

0

Time--> 3.59 3.60 3.61 3.62





#14

Allvl chloride

Concen: 5.803 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.23 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

TP-7-S

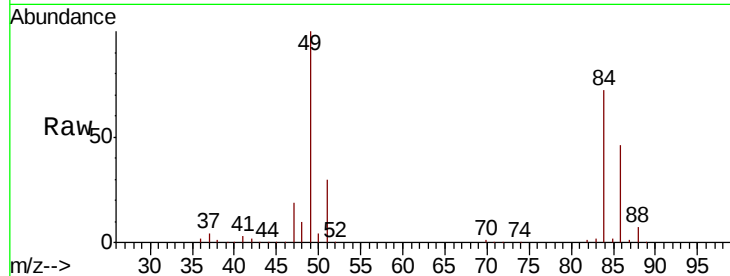
Tot Ion: 41 Resp: 61868

Ion Ratio Lower Upper

41 100

39 0.2 52.7 79.1#

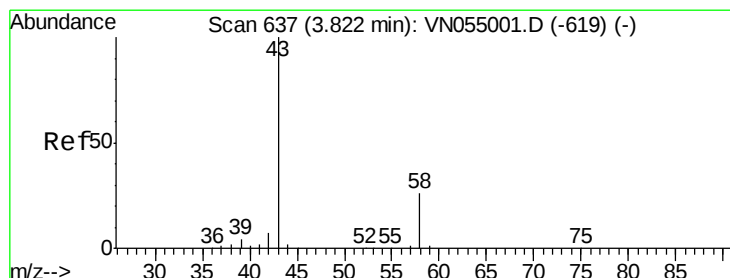
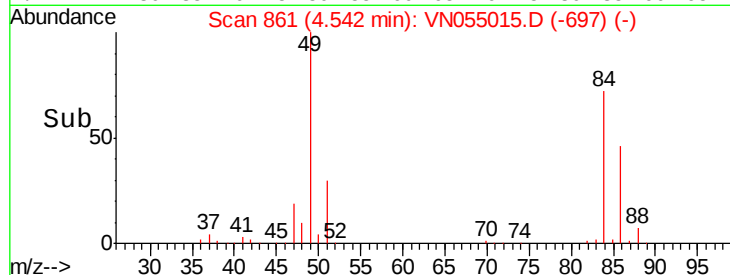
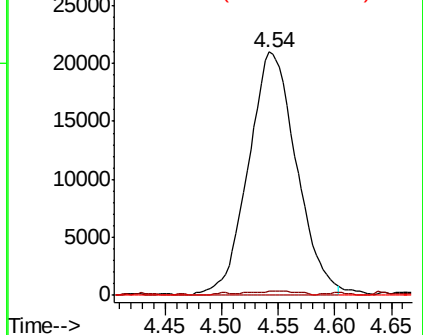
76 0.0 23.2 34.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 9.413 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055015.D

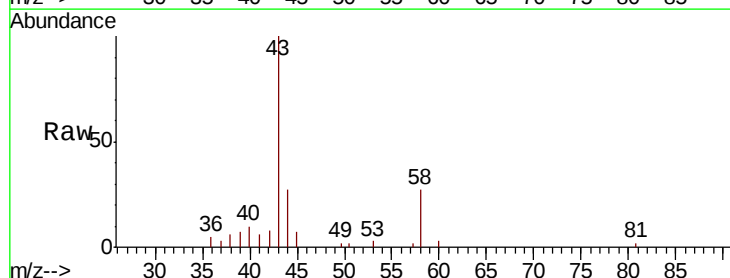
Acq: 12 Apr 2019 22:25

Tgt Ion: 43 Resp: 18314

Ion Ratio Lower Upper

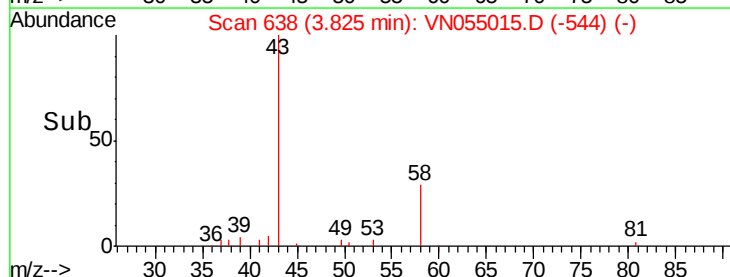
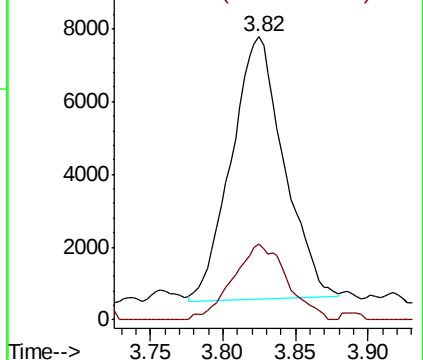
43 100

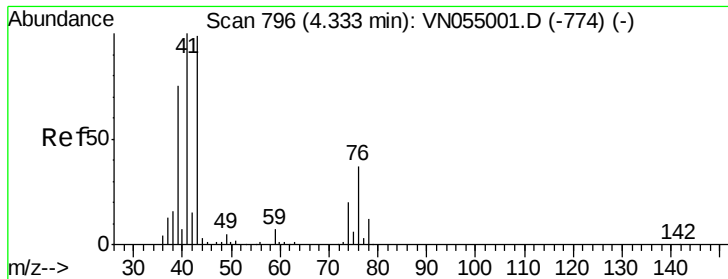
58 29.3 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

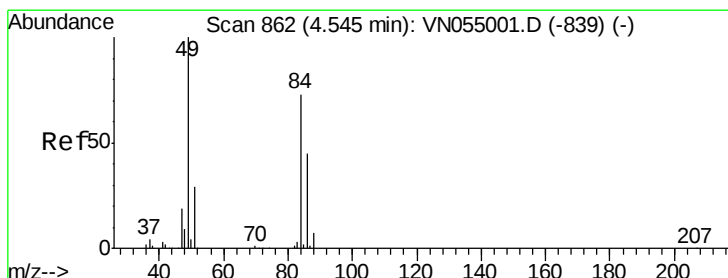
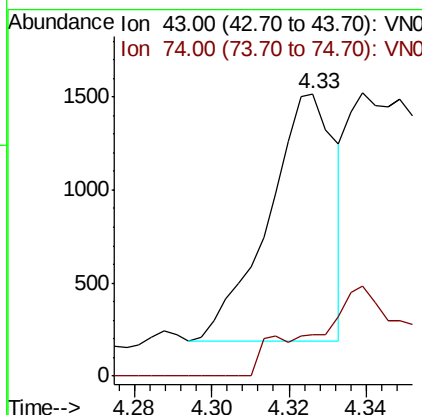
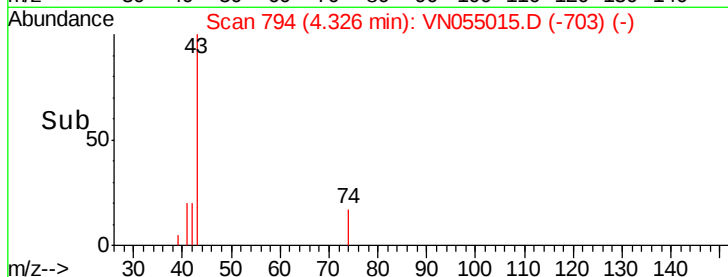
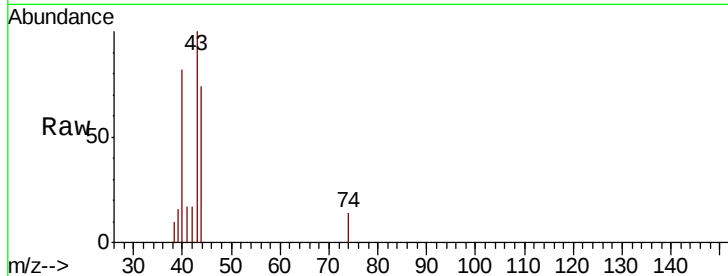




#18
Methyl Acetate
Concen: 0.265 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.01 min
Lab File: VN055015.D
Acq: 12 Apr 2019 22:25

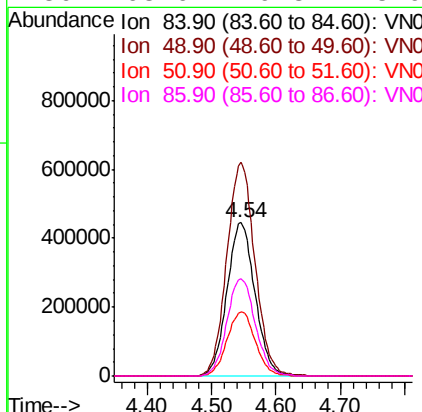
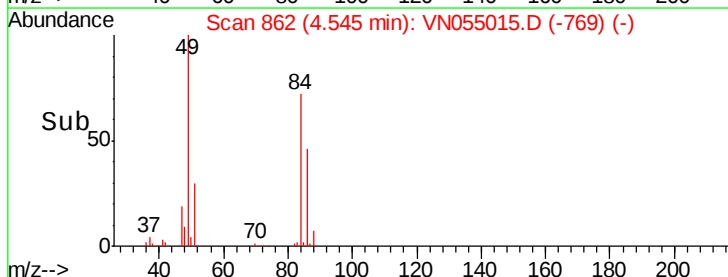
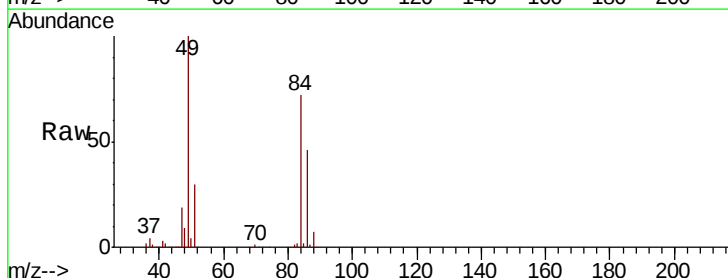
Instrument :
MSVOA_N
ClientSampleId :
TP-7-S

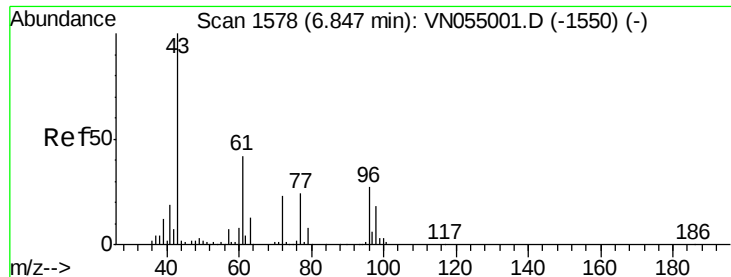
Tot Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
74 7.2 16.1 24.1#



#20
Methylene Chloride
Concen: 218.812 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055015.D
Acq: 12 Apr 2019 22:25

Tgt Ion: 84 Resp: 1349536
Ion Ratio Lower Upper
84 100
49 139.1 109.4 164.2
51 42.1 32.2 48.4
86 63.6 49.3 73.9

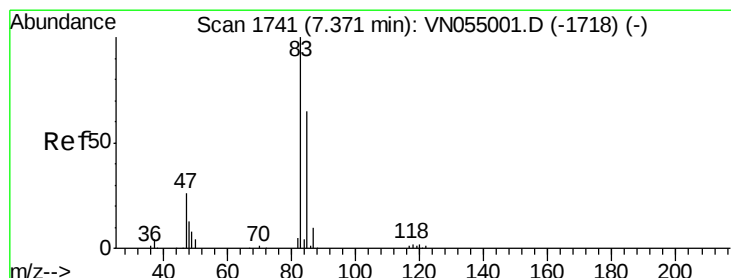
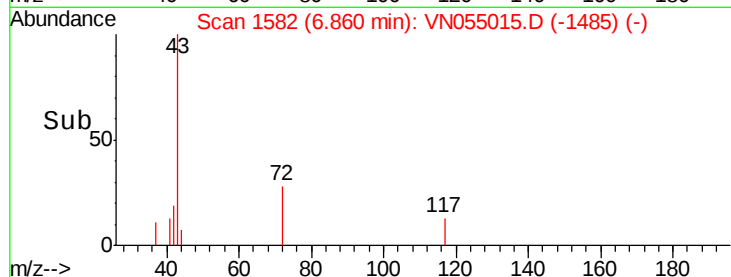
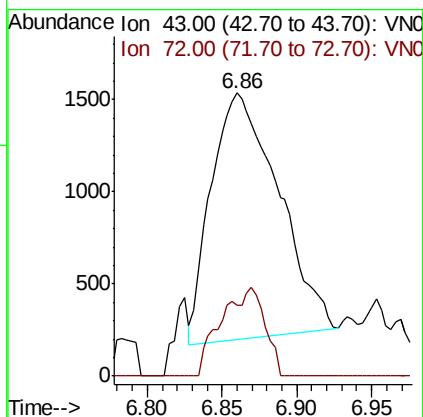
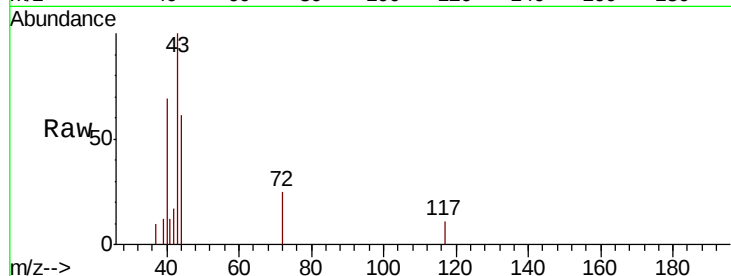




#25
2-Butanone
Concen: 1.394 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VN055015.D
Acq: 12 Apr 2019 22:25

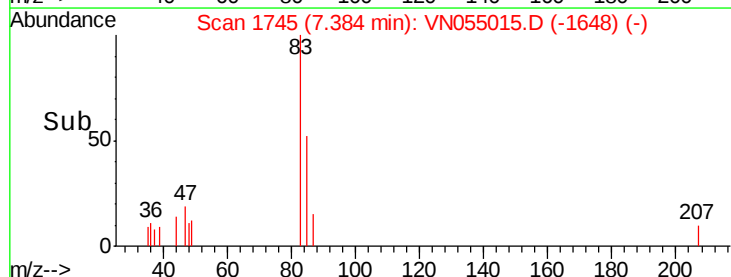
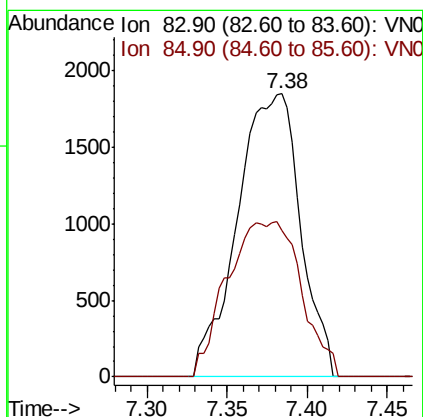
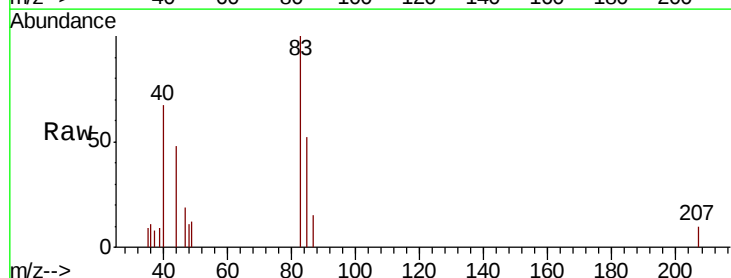
Instrument :
MSVOA_N
ClientSampled :
TP-7-S

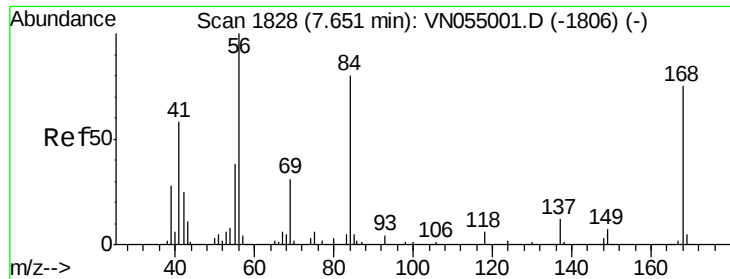
Tot Ion: 43 Resp: 4178
Ion Ratio Lower Upper
43 100
72 30.0 18.1 27.1#



#30
Chloroform
Concen: 0.450 ug/l
RT: 7.38 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VN055015.D
Acq: 12 Apr 2019 22:25

Tgt Ion: 83 Resp: 5010
Ion Ratio Lower Upper
83 100
85 51.7 51.8 77.6#

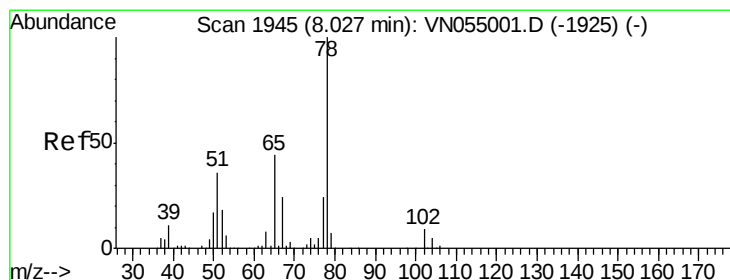
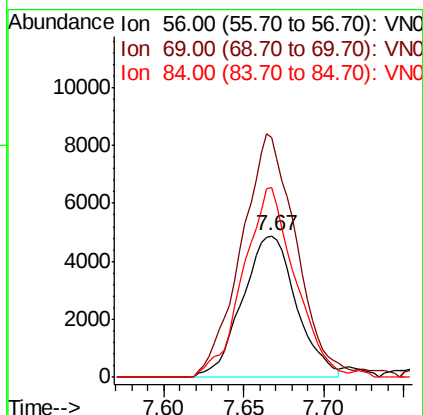
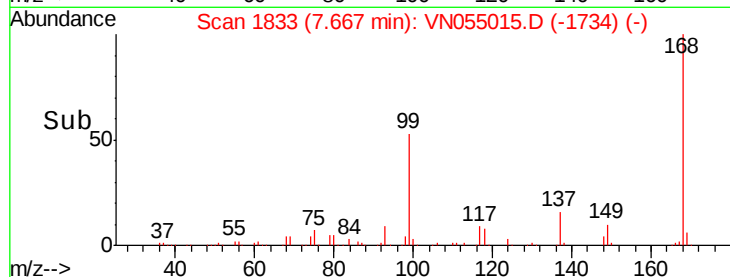
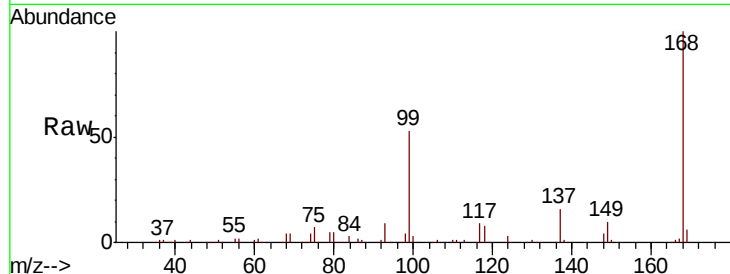




#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN055015.D
Acq: 12 Apr 2019 22:25

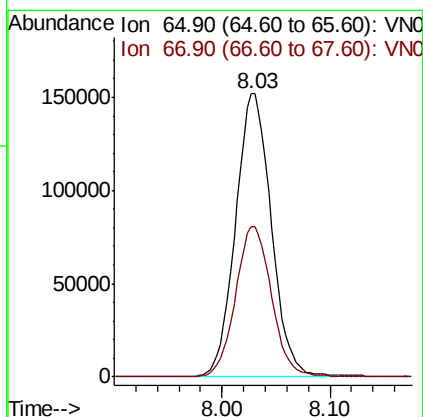
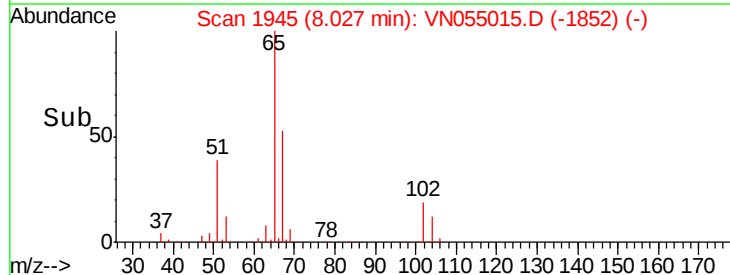
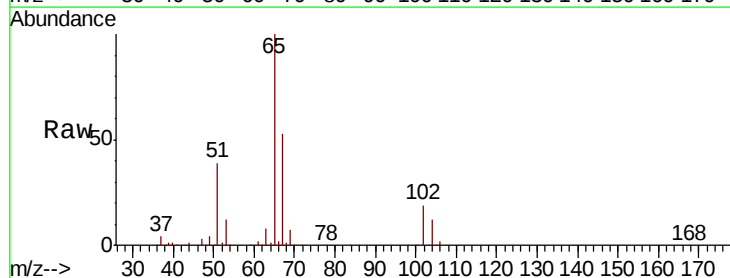
Instrument :
MSVOA_N
ClientSampled :
TP-7-S

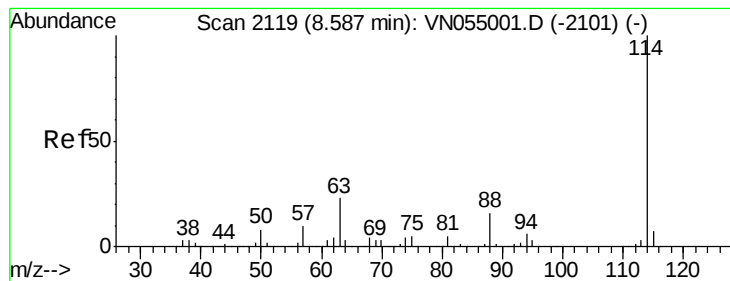
Tot Ion: 56 Resp: 11359
Ion Ratio Lower Upper
56 100
69 169.8 24.5 36.7#
84 134.7 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 49.628 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055015.D
Acq: 12 Apr 2019 22:25

Tgt Ion: 65 Resp: 351485
Ion Ratio Lower Upper
65 100
67 53.4 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: VN055015.D

Acq: 12 Apr 2019 22:25

Instrument :

MSVOA_N

ClientSampled :

TP-7-S

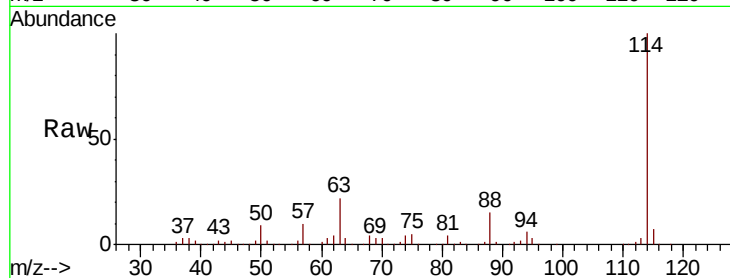
Tot Ion:114 Resp: 860200

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.2

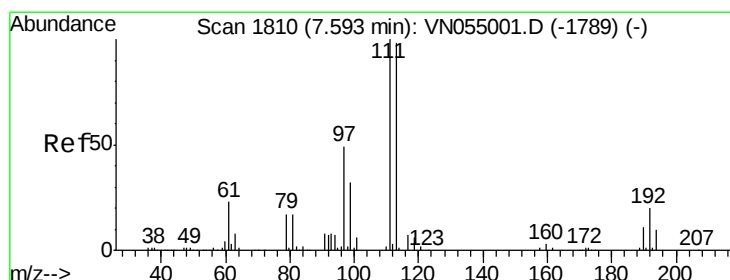
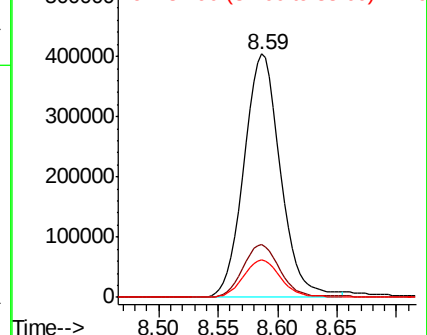
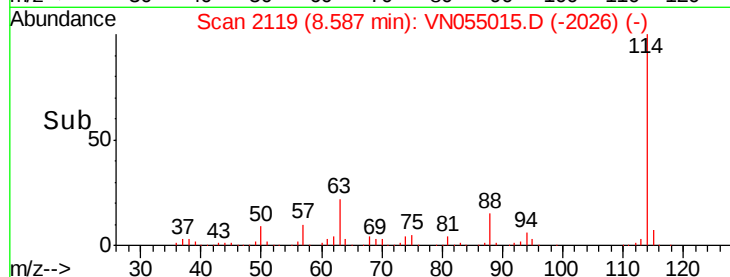
88 15.4 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.382 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

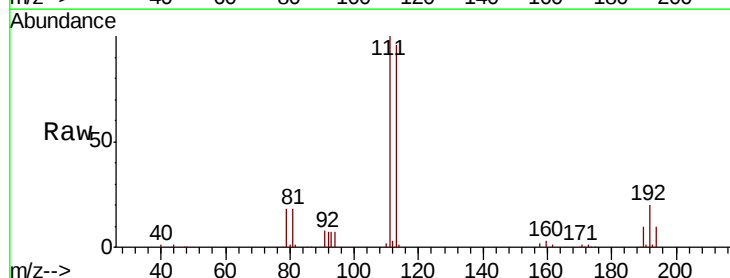
Tgt Ion:113 Resp: 276269

Ion Ratio Lower Upper

113 100

111 105.7 82.1 123.1

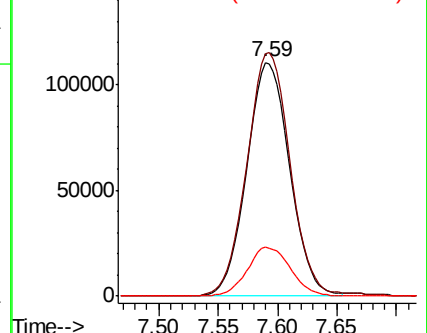
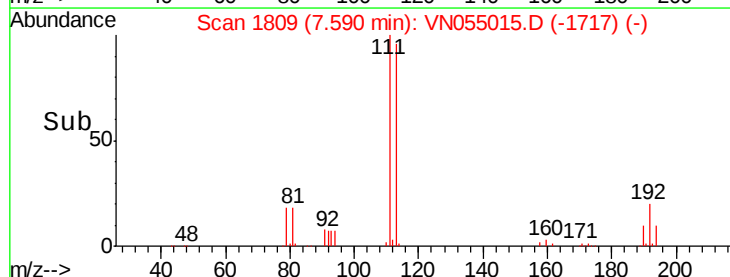
192 21.1 16.5 24.7

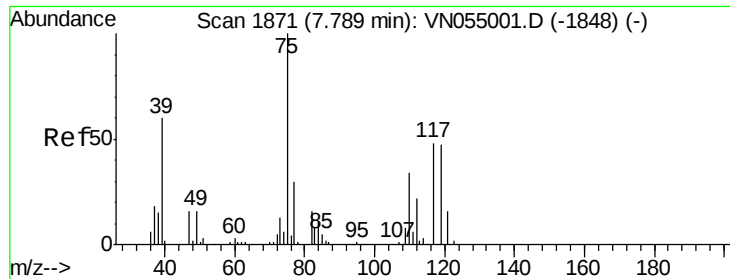


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.127 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

TP-7-S

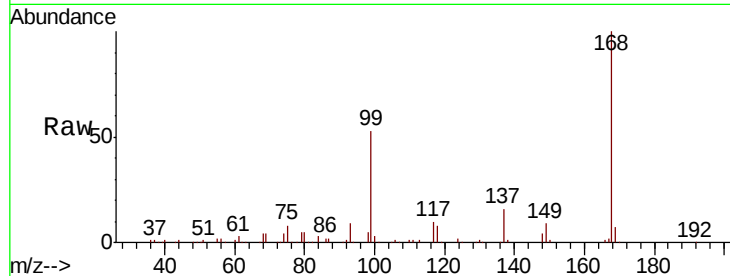
Tot Ion: 75 Resp: 40763

Ion Ratio Lower Upper

75 100

110 8.3 17.5 52.5#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055015.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN055015.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN055015.D (-1778) (-)

7.66

15000

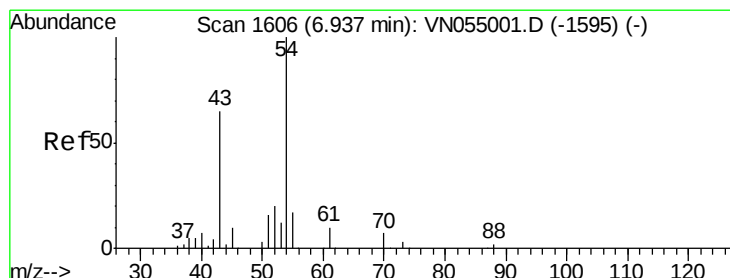
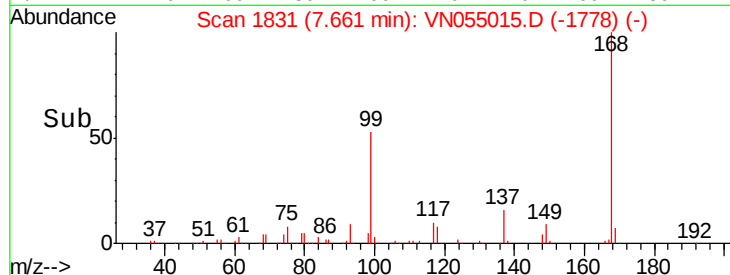
10000

5000

0

7.60 7.65 7.70 7.75

Time-->



#37

Ethyl Acetate

Concen: 0.701 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. -0.08 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

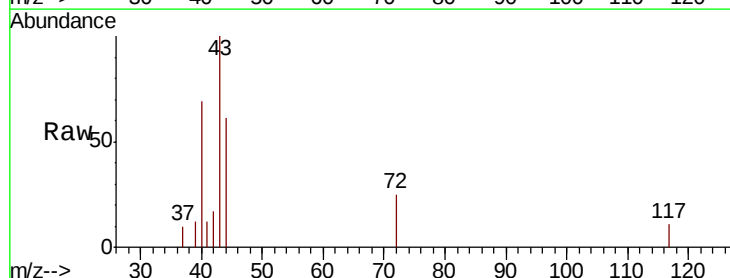
Tgt Ion: 43 Resp: 4181

Ion Ratio Lower Upper

43 100

61 2.4 10.0 15.0#

70 0.0 7.1 10.7#



Abundance Ion 43.00 (42.70 to 43.70): VN055015.D (-1513) (-)

Ion 60.90 (60.60 to 61.60): VN055015.D (-1513) (-)

Ion 70.00 (69.70 to 70.70): VN055015.D (-1513) (-)

6.86

2000

1500

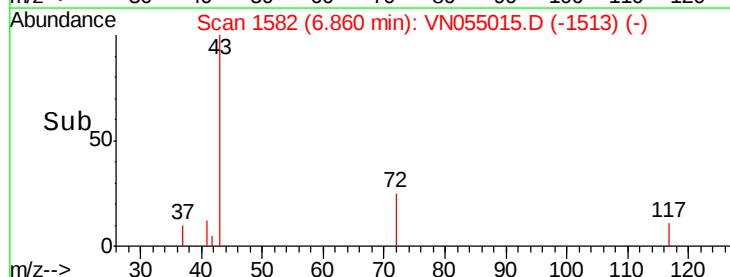
1000

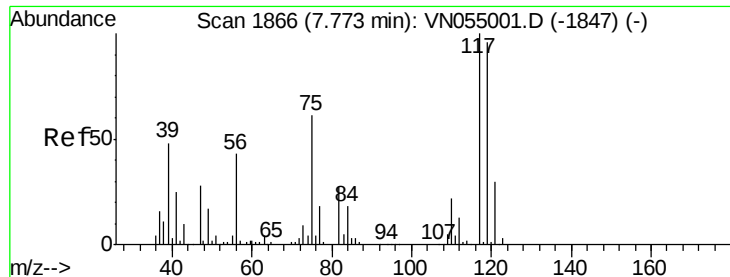
500

0

6.80 6.85 6.90 6.95

Time-->





#38

Carbon Tetrachloride

Concen: 6.818 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

Instrument :

MSVOA_N

ClientSampled :

TP-7-S

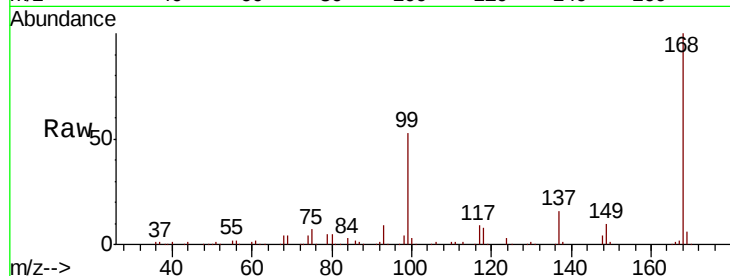
Tot Ion:117 Resp: 51021

Ion Ratio Lower Upper

117 100

119 4.0 76.3 114.5#

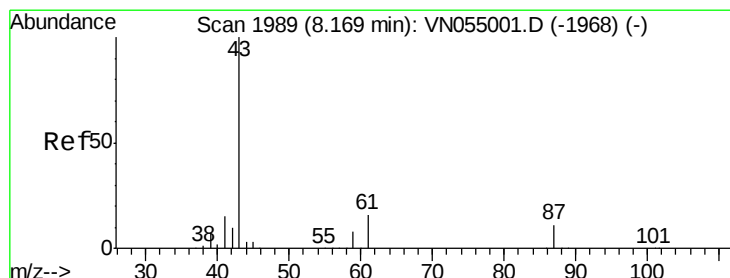
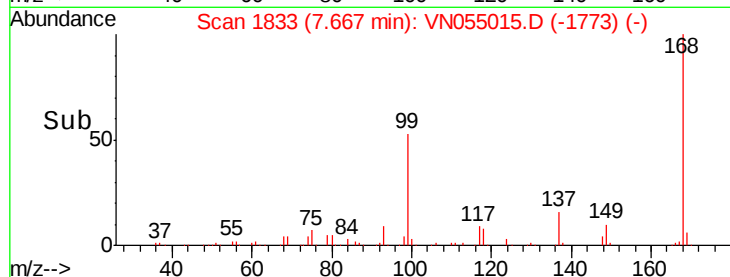
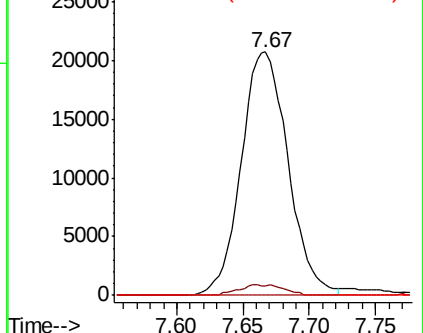
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.385 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

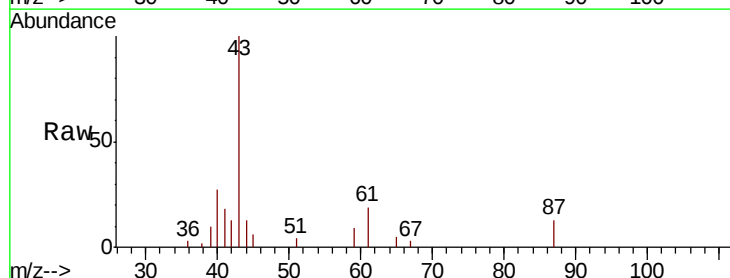
Tgt Ion: 43 Resp: 14137

Ion Ratio Lower Upper

43 100

61 18.4 14.3 21.5

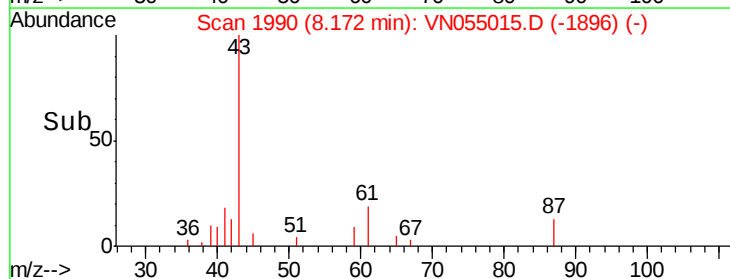
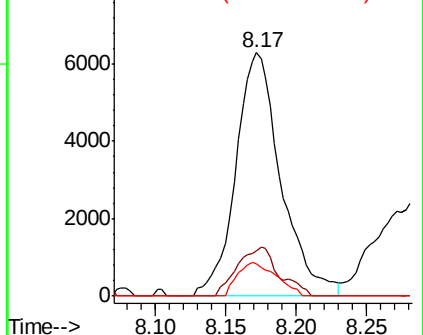
87 11.7 8.6 13.0

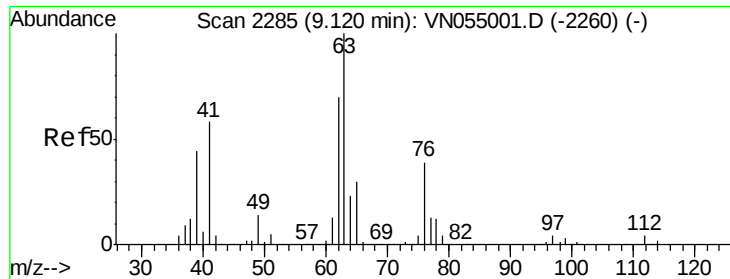


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

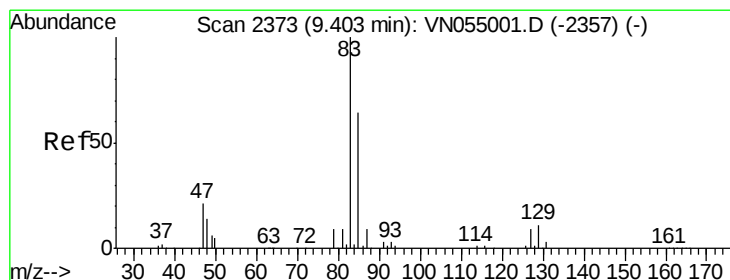
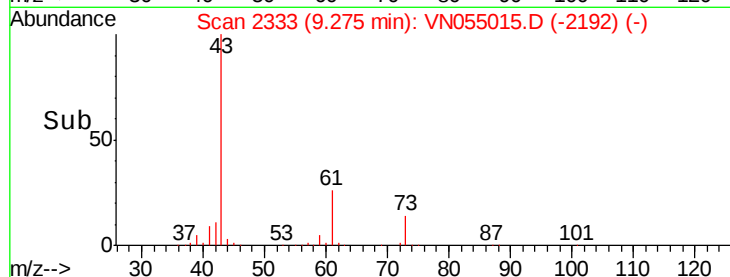
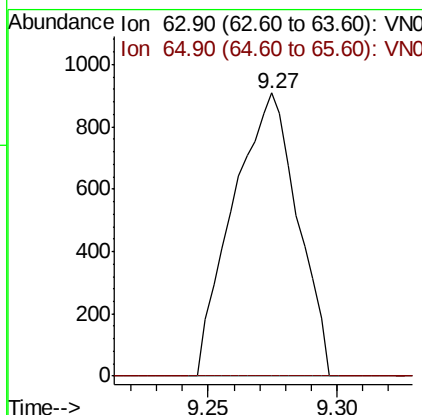
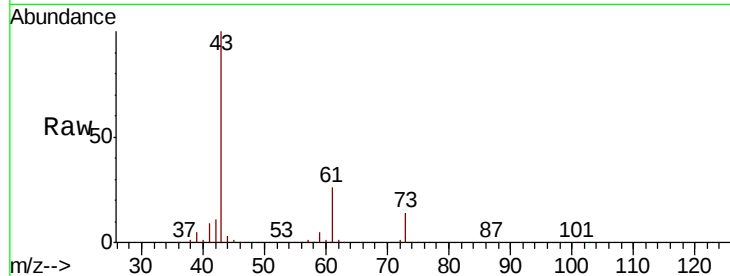




#45
 1,2-Dichloropropane
 Concen: 0.234 ug/l
 RT: 9.27 min Scan# 2333
 Delta R.T. 0.15 min
 Lab File: VN055015.D
 Acq: 12 Apr 2019 22:25

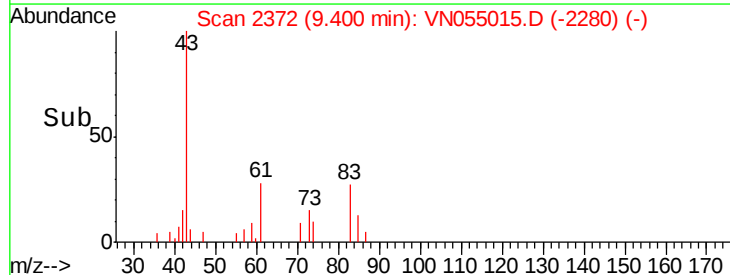
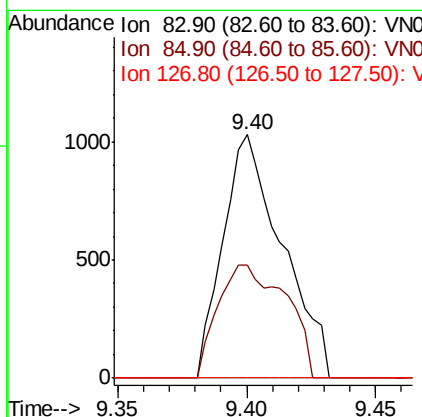
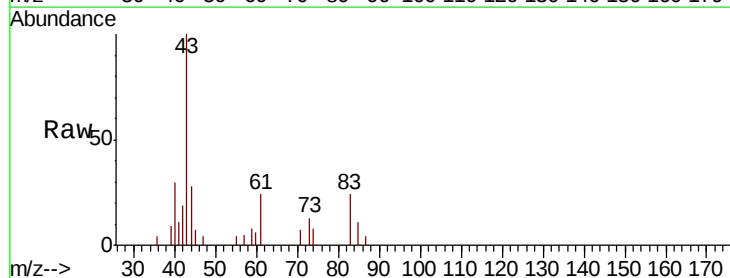
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7-S

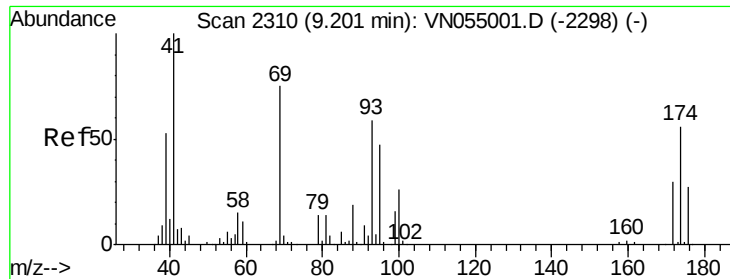
Tot Ion: 63 Resp: 1587
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#47
 Bromodichloromethane
 Concen: 0.208 ug/l
 RT: 9.40 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: VN055015.D
 Acq: 12 Apr 2019 22:25

Tgt Ion: 83 Resp: 1645
 Ion Ratio Lower Upper
 83 100
 85 46.6 51.2 76.8#
 127 0.0 6.8 10.2#

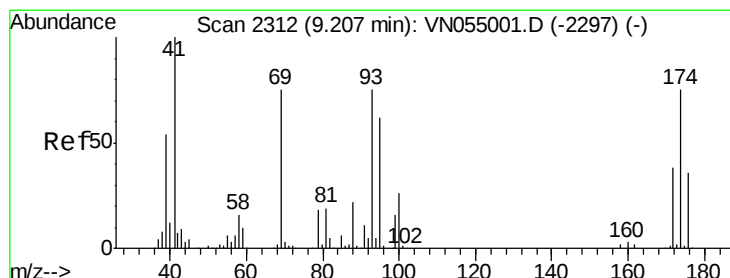
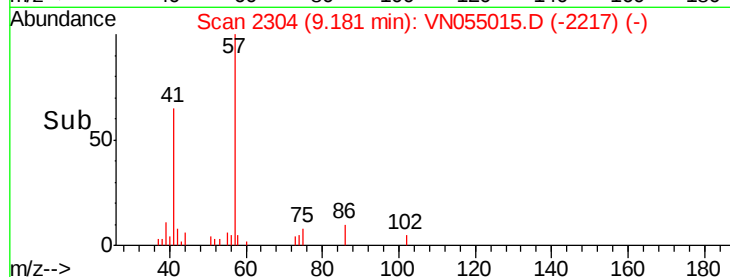
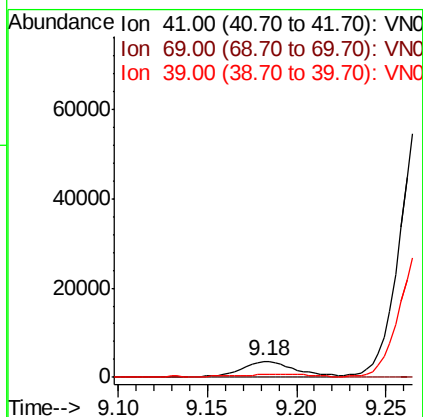
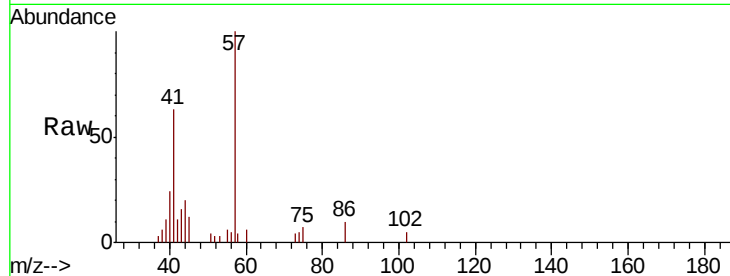




#48
Methyl methacrylate
Concen: 1.455 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055015.D
Acq: 12 Apr 2019 22:25

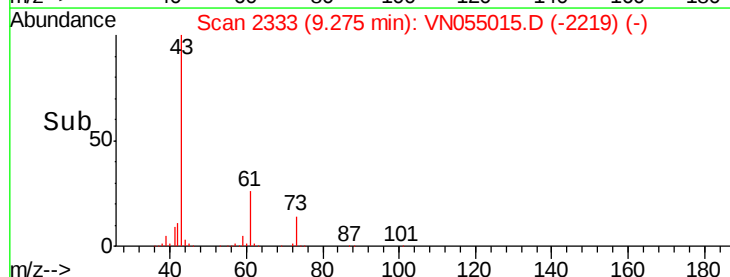
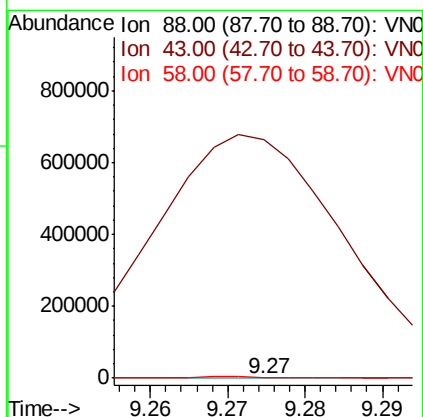
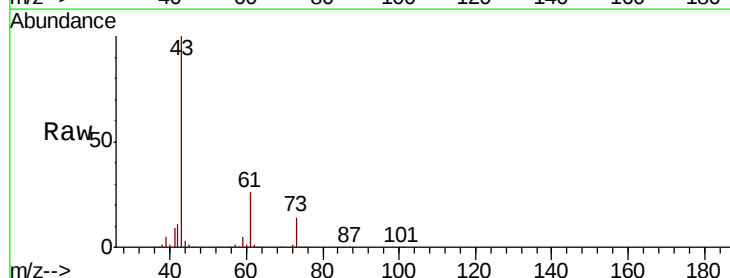
Instrument :
MSVOA_N
ClientSampleId :
TP-7-S

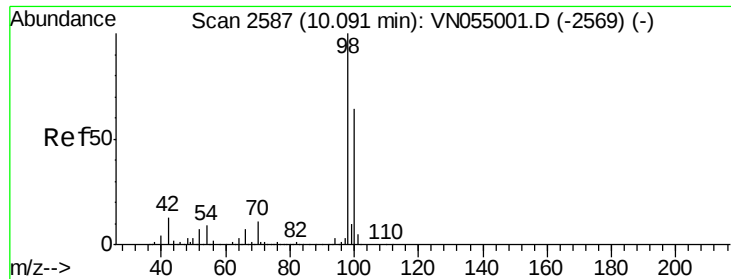
Tot Ion: 41 Resp: 7648
Ion Ratio Lower Upper
41 100
69 0.0 60.5 90.7#
39 0.0 43.9 65.9#



#49
1,4-Dioxane
Concen: 1.786 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN055015.D
Acq: 12 Apr 2019 22:25

Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
43 1250636.6 31.8 47.8#
58 5913.9 61.6 92.4#





#50

Toluene-d8

Concen: 51.104 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

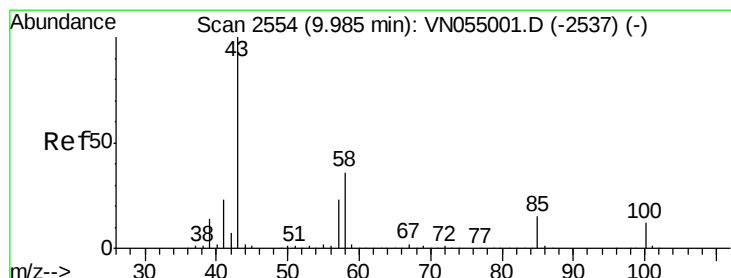
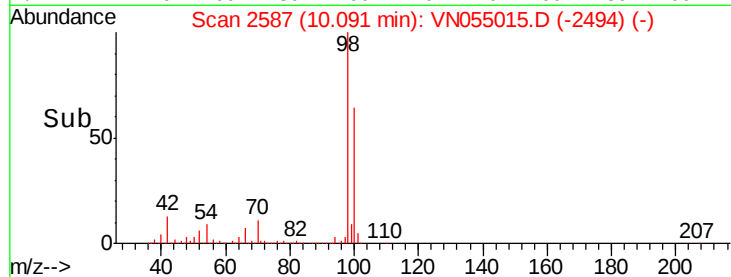
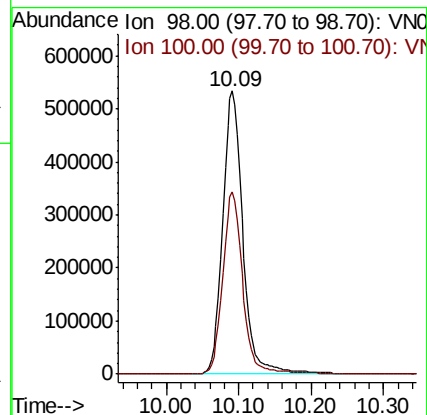
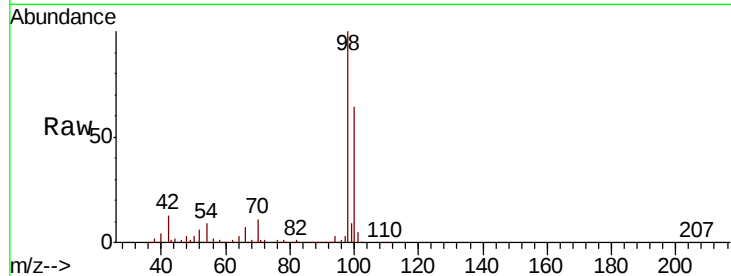
TP-7-S

Tot Ion: 98 Resp: 1029257

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 1.225 ug/l

RT: 10.03 min Scan# 2568

Delta R.T. 0.04 min

Lab File: VN055015.D

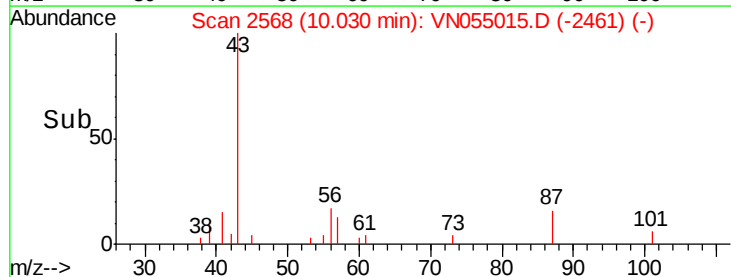
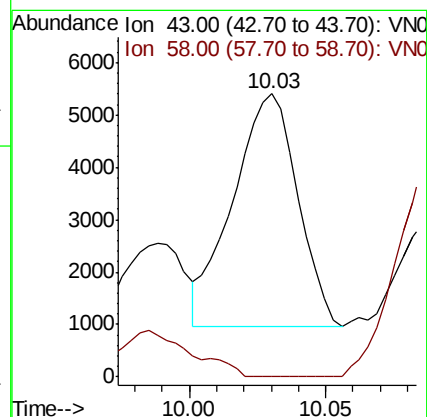
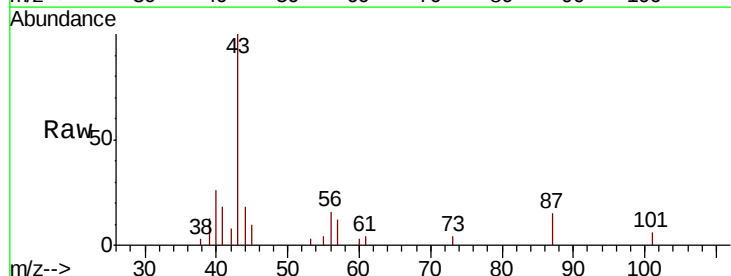
Acq: 12 Apr 2019 22:25

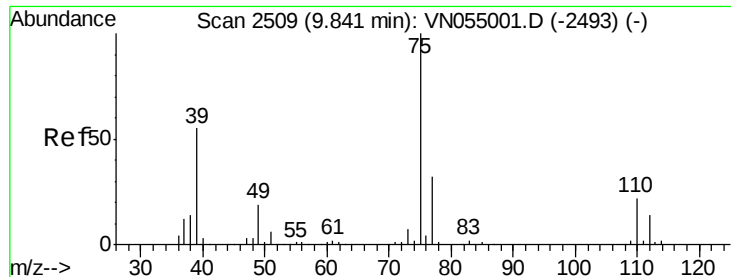
Tgt Ion: 43 Resp: 7322

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.4#





#54

cis-1,3-Dichloropropene

Concen: 5.010 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

TP-7-S

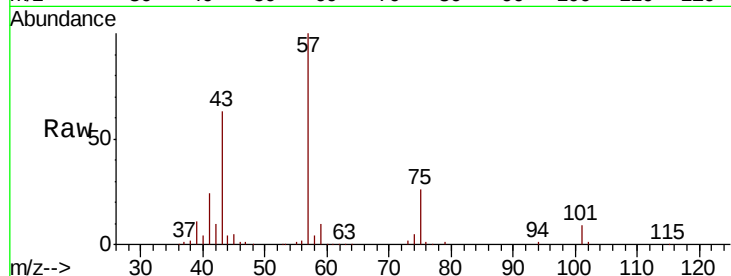
Tot Ion: 75 Resp: 44171

Ion Ratio Lower Upper

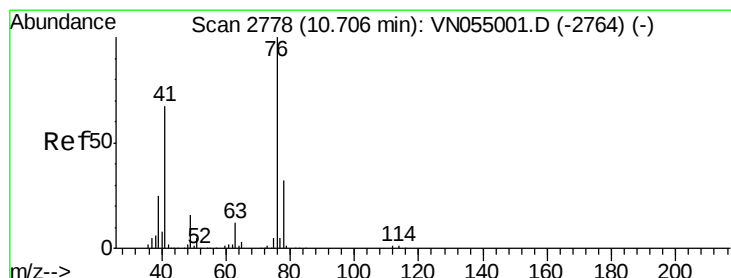
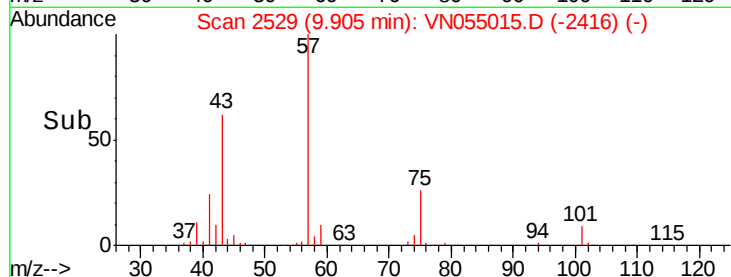
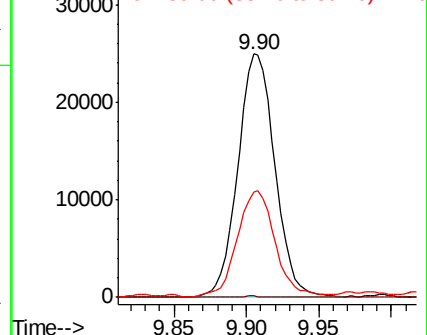
75 100

77 0.6 25.8 38.6#

39 43.1 43.8 65.8#



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



#57

1,3-Dichloropropane

Concen: 0.939 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055015.D

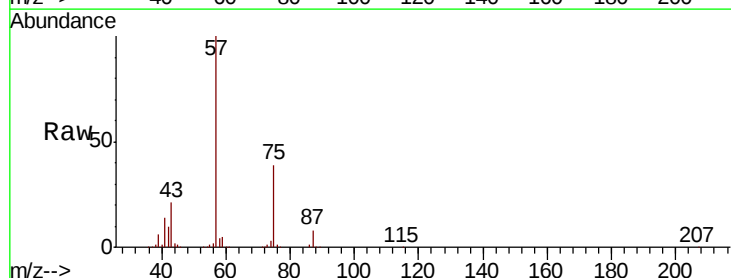
Acq: 12 Apr 2019 22:25

Tgt Ion: 76 Resp: 8579

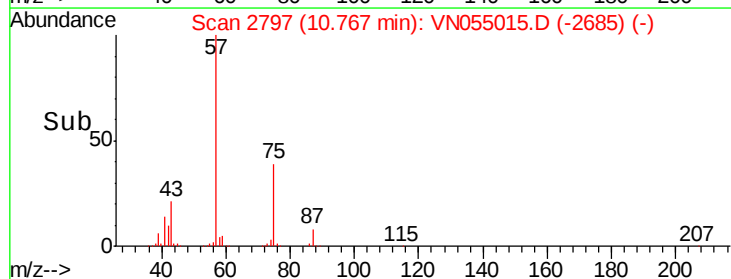
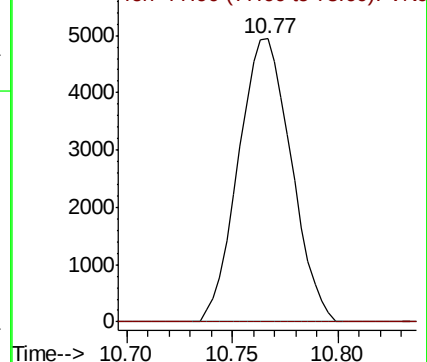
Ion Ratio Lower Upper

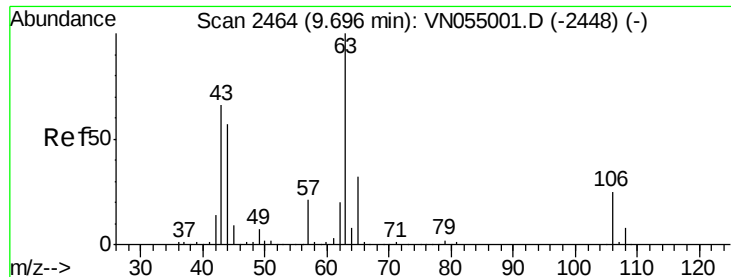
76 100

78 0.0 25.6 38.4#



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

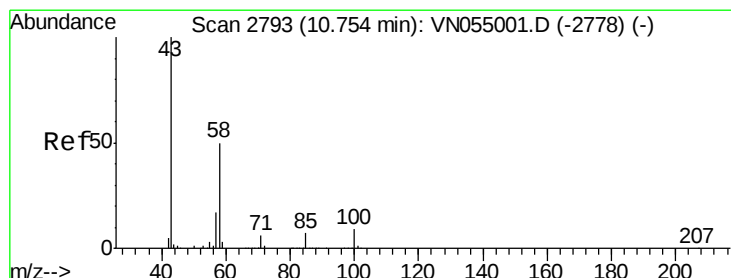
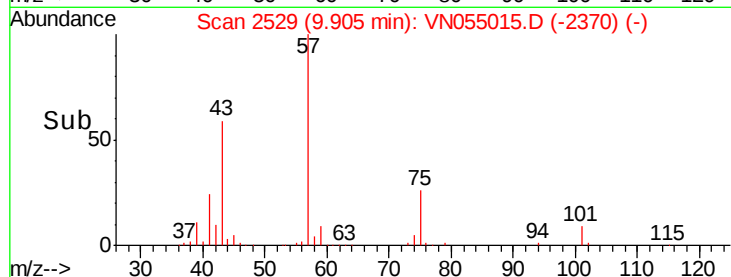
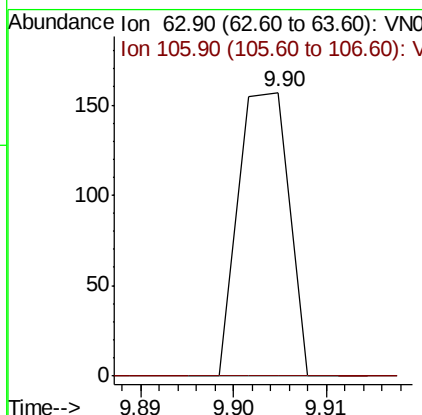
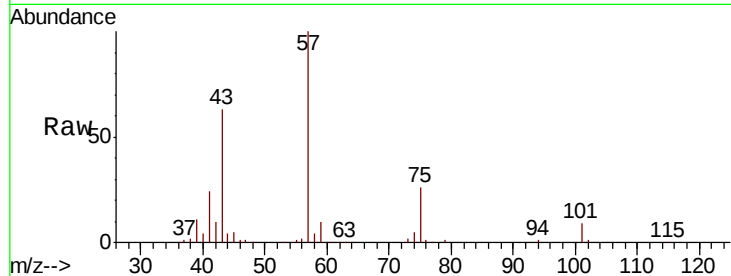




#58
 2-Chloroethyl Vinyl ether
 Concen: 18.221 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.21 min
 Lab File: VN055015.D
 Acq: 12 Apr 2019 22:25

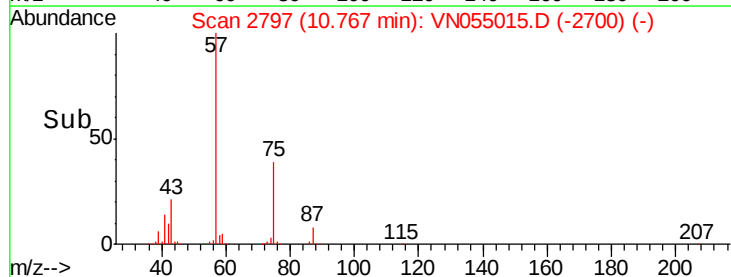
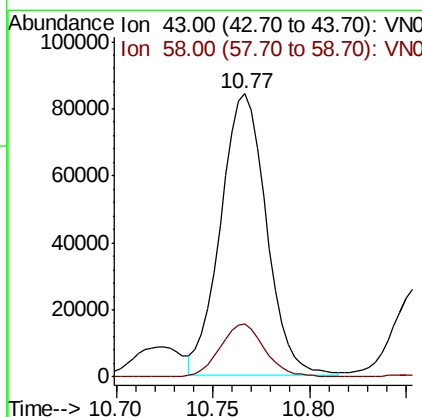
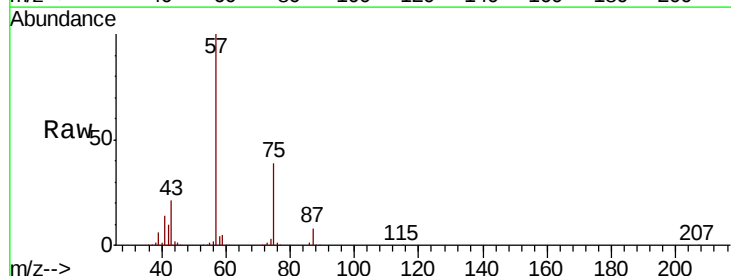
Instrument :
 MSVOA_N
 ClientSampled :
 TP-7-S

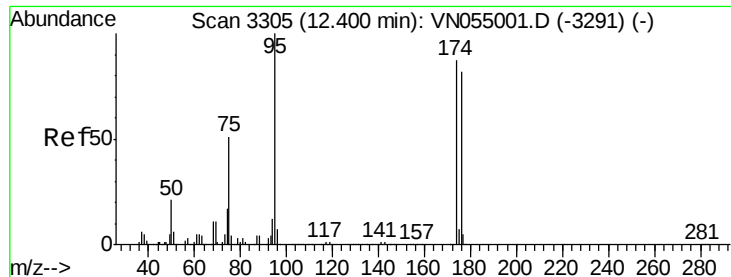
Tot Ion: 63 Resp: 60
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#



#59
 2-Hexanone
 Concen: 37.001 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN055015.D
 Acq: 12 Apr 2019 22:25

Tgt Ion: 43 Resp: 138162
 Ion Ratio Lower Upper
 43 100
 58 18.6 25.1 75.2#

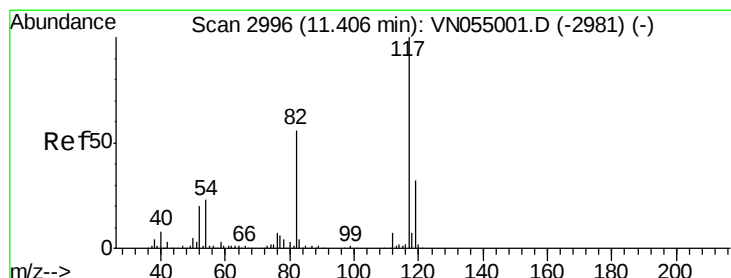
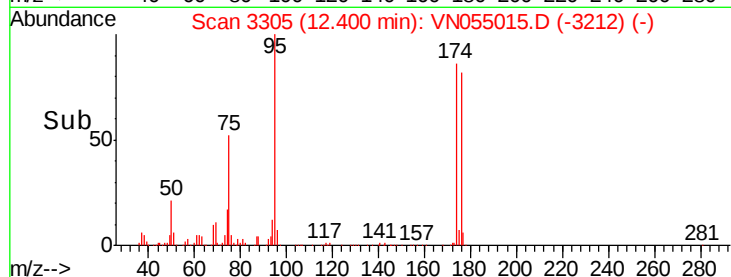
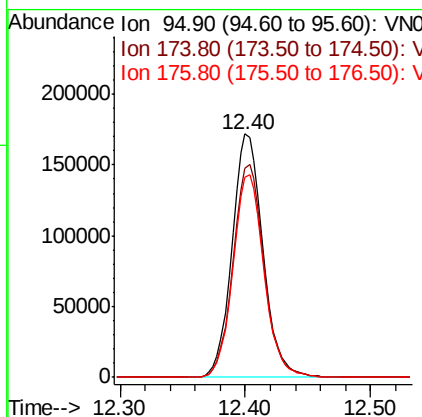
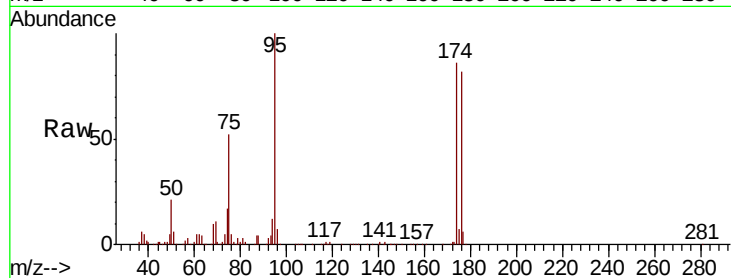




#62
4-Bromofluorobenzene
Concen: 43.268 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055015.D
Acq: 12 Apr 2019 22:25

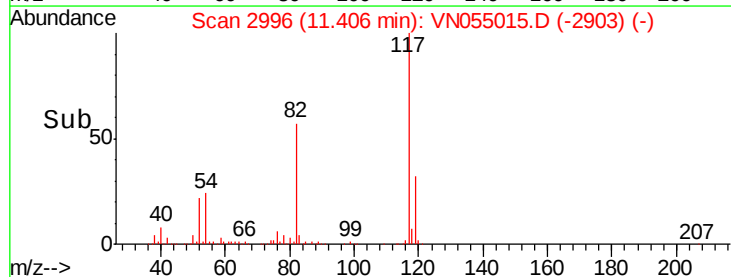
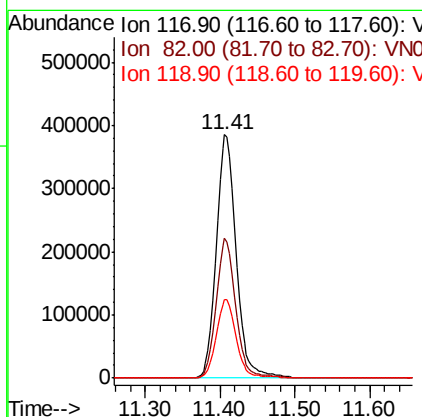
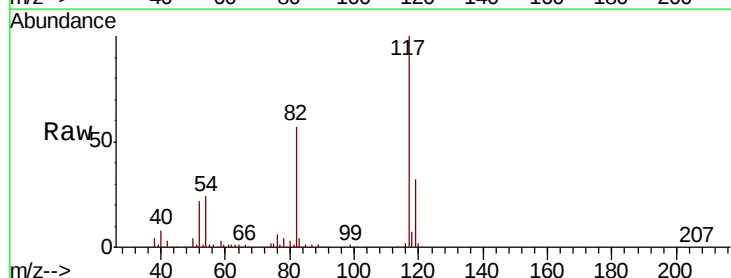
Instrument :
MSVOA_N
ClientSampleId :
TP-7-S

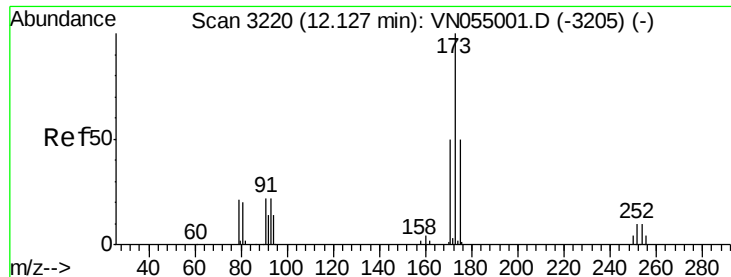
Tot Ion	95	Resp	293538
Ion Ratio	Lower	Upper	
95	100		
174	87.7	0.0	174.4
176	83.8	0.0	166.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055015.D
Acq: 12 Apr 2019 22:25

Tgt Ion	117	Resp	712690
Ion Ratio	Lower	Upper	
117	100		
82	57.3	44.6	66.8
119	32.2	25.5	38.3





#71

Bromoform

Concen: 3.374 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

TP-7-S

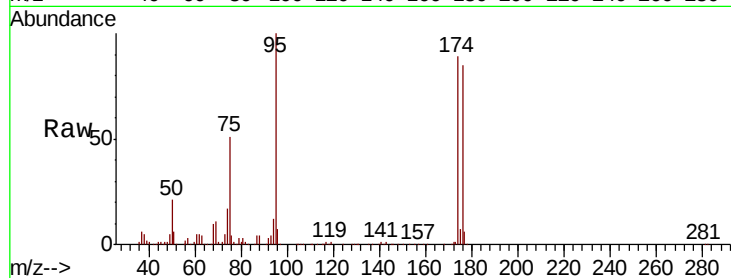
Tot Ion:173 Resp: 2890

Ion Ratio Lower Upper

173 100

175 567.6 24.3 73.0#

254 0.0 0.1 0.1#

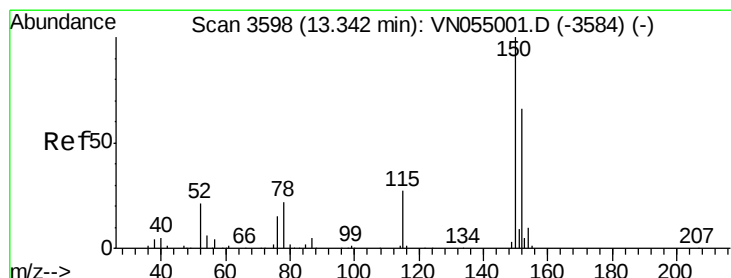
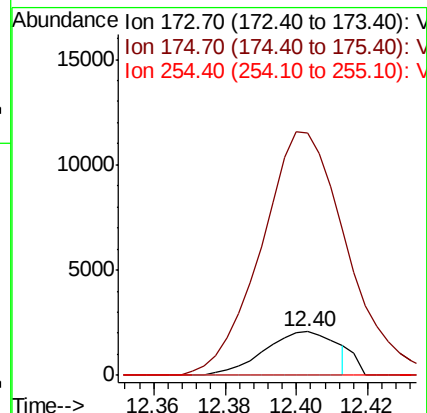
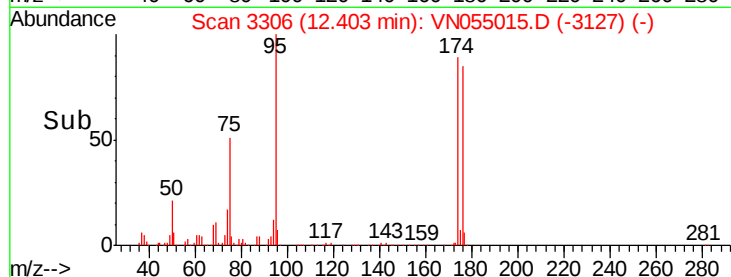


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

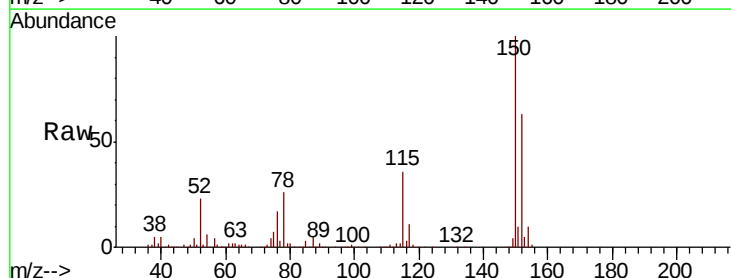
Tgt Ion:152 Resp: 230616

Ion Ratio Lower Upper

152 100

115 57.6 28.5 85.6

150 156.9 0.0 347.2

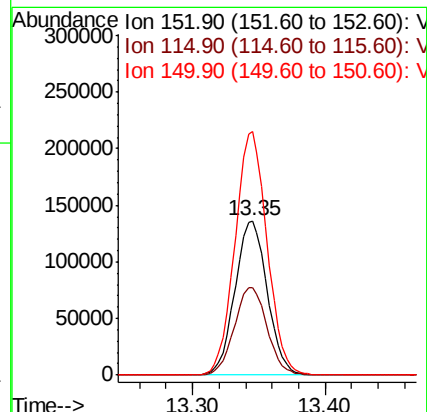
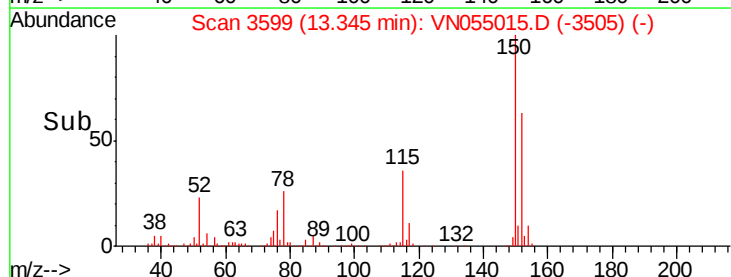


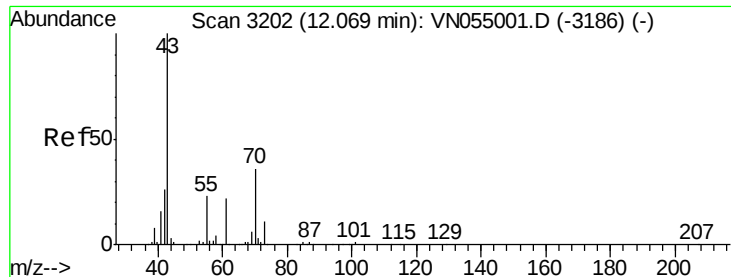
Abundance

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-amvl acetate

Concen: 1.797 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

TP-7-S

Tot Ion: 43 Resp: 10622

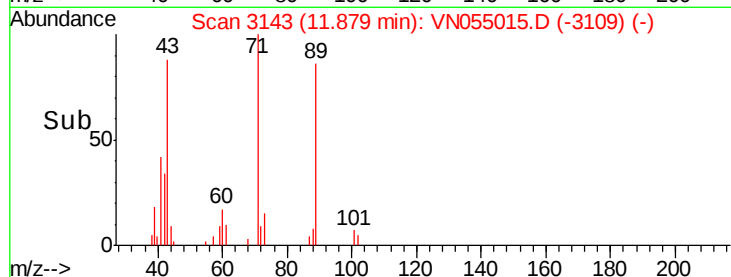
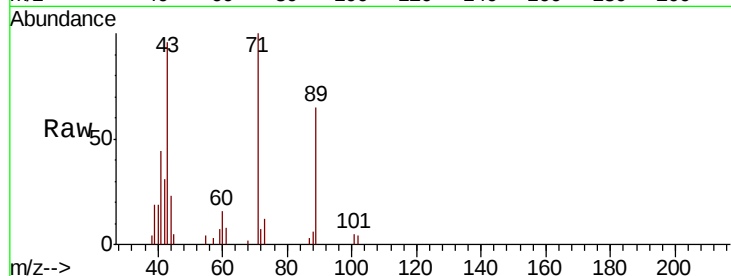
Ion Ratio Lower Upper

43 100

70 0.3 29.4 44.0#

55 0.0 19.0 28.4#

61 8.6 17.7 26.5#

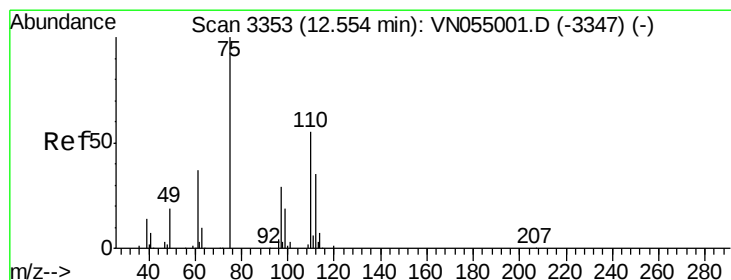
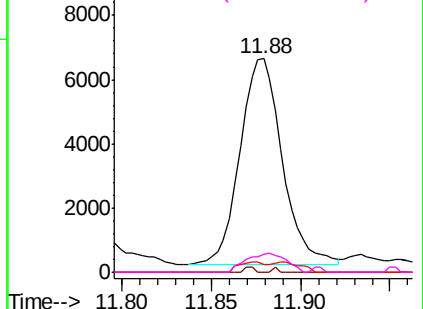


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 35.546 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055015.D

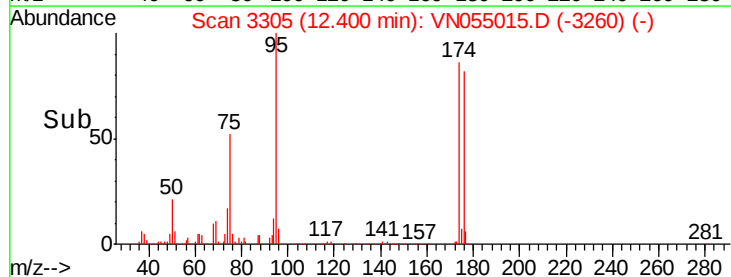
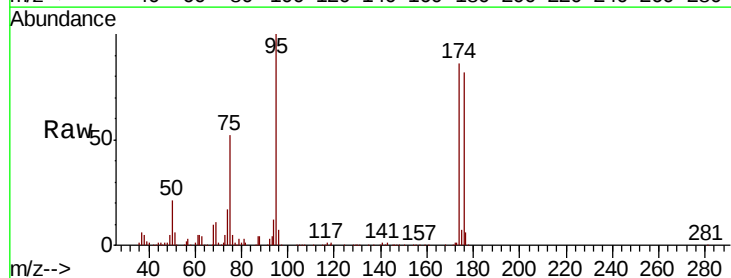
Acq: 12 Apr 2019 22:25

Tgt Ion: 75 Resp: 150812

Ion Ratio Lower Upper

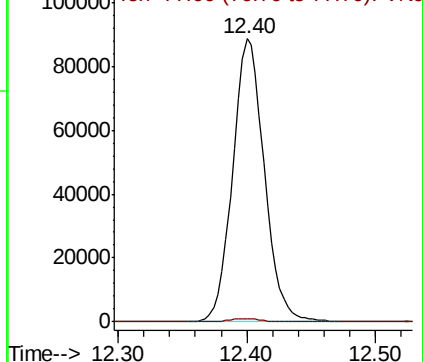
75 100

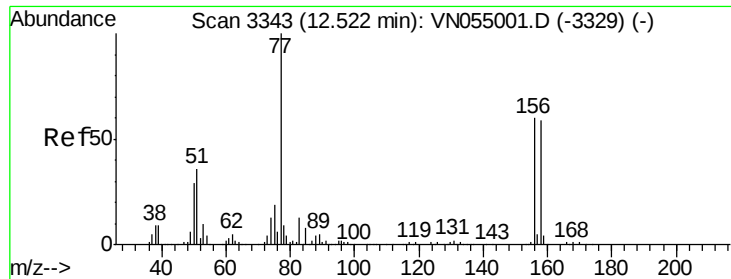
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

Instrument :

MSVOA_N

ClientSampled :

TP-7-S

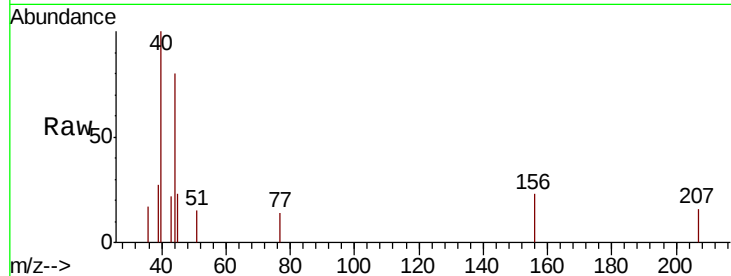
Tot Ion:156 Resp: 274

Ion Ratio Lower Upper

156 100

77 51.5 97.2 291.5#

158 0.0 48.6 145.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

500

400

300

200

100

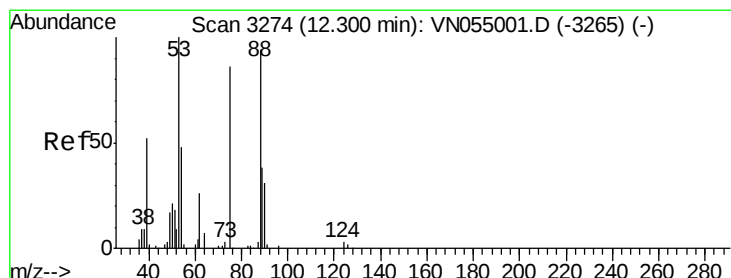
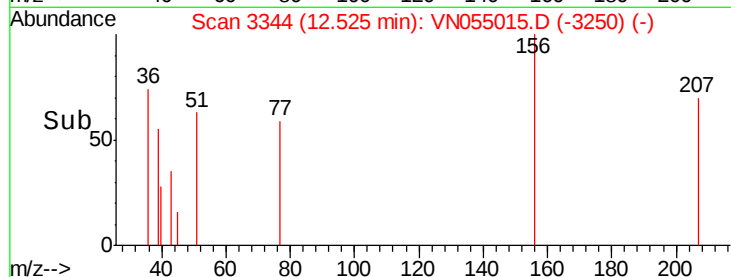
0

12.52

12.53

12.54

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 146.714 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055015.D

Acq: 12 Apr 2019 22:25

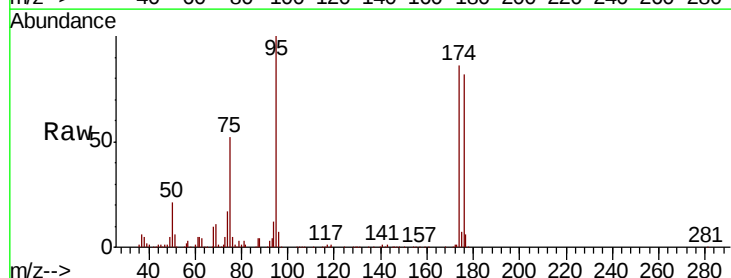
Tgt Ion: 75 Resp: 150812

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

120000

100000

80000

60000

40000

20000

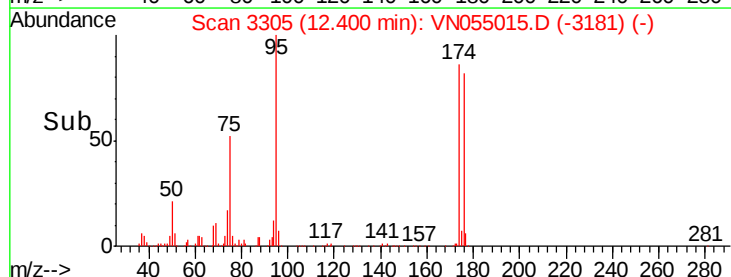
0

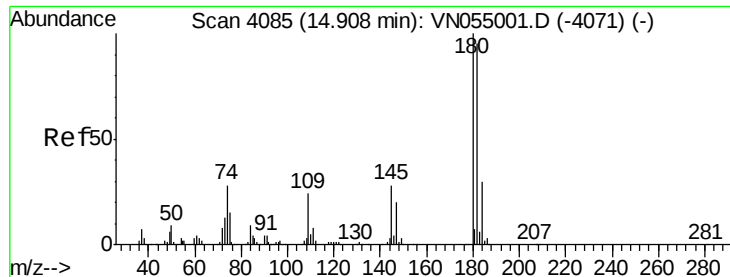
12.30

12.40

12.50

Time-->

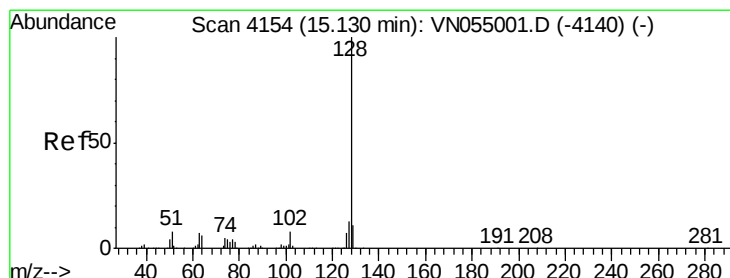
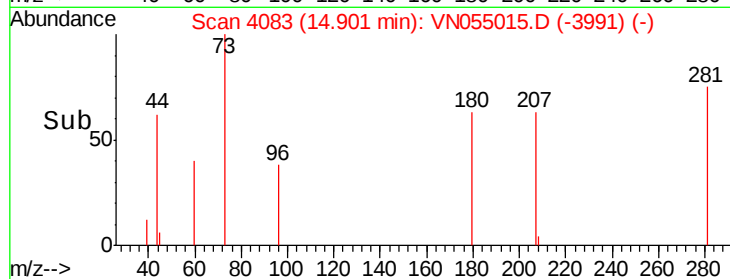
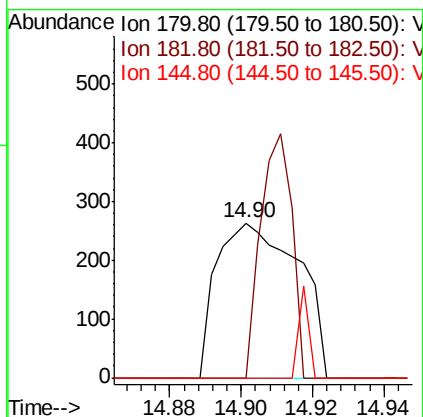
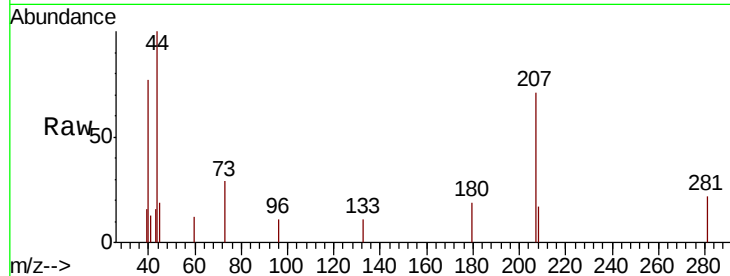




#93
 1,2,4-Trichlorobenzene
 Concen: 3.633 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN055015.D
 Acq: 12 Apr 2019 22:25

Instrument :
 MSVOA_N
 ClientSampled :
 TP-7-S

Tot Ion:180 Resp: 415
 Ion Ratio Lower Upper
 180 100
 182 60.5 47.5 142.6
 145 7.2 14.2 42.8#



#95
 Naphthalene
 Concen: 5.249 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN055015.D
 Acq: 12 Apr 2019 22:25

Tgt Ion:128 Resp: 5575
 Ion Ratio Lower Upper
 128 100
 127 11.0 10.1 15.1
 129 8.7 8.8 13.2#

