

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055063.D
 Acq On : 16 Apr 2019 00:25
 Operator : JC/SP
 Sample : K2407-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

Quant Time: Apr 16 05:55:58 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	7.66	168	524464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	827437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	716959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251807	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	323148	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
35) Dibromofluoromethane	7.59	113	260745	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
50) Toluene-d8	10.09	98	995033	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	306012	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	156	0.330	ug/l #	35
14) Allyl chloride	4.54	41	237502	23.309	ug/l #	26
16) Acetone	3.82	43	11322	5.984	ug/l	96
18) Methyl Acetate	4.34	43	4144	0.326	ug/l #	79
20) Methylene Chloride	4.54	84	5163342	776.253	ug/l	95
25) 2-Butanone	6.85	43	1201	0.425	ug/l #	79
29) Tetrahydrofuran	7.23	42	1282	0.692	ug/l #	64
30) Chloroform	7.37	83	8135	0.751	ug/l	99
31) Cyclohexane	7.67	56	11501	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	38856	4.981	ug/l #	49
38) Carbon Tetrachloride	7.66	117	46506	6.267	ug/l #	16
43) Isopropyl Acetate	8.17	43	12577	1.285	ug/l	97
45) 1,2-Dichloropropane	9.26	63	1472	0.225	ug/l #	44
47) Bromodichloromethane	9.40	83	2502	0.325	ug/l #	82
48) Methyl methacrylate	9.18	41	6835	1.409	ug/l #	17
49) 1,4-Dioxane	9.26	88	30	0.660	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4841	0.856	ug/l	98
52) Toluene	10.16	92	3656	0.272	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	42483	5.091	ug/l #	66
57) 1,3-Dichloropropane	10.77	76	8702	0.985	ug/l #	43
59) 2-Hexanone	10.76	43	140782	39.650	ug/l #	54
67) Ethyl Benzene	11.51	91	57113	2.216	ug/l	98
68) m/p-Xylenes	11.62	106	99053	10.614	ug/l	99
69) o-Xylene	11.95	106	47693	5.276	ug/l	96
70) Styrene	11.95	104	4758	0.325	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	156300	34.518	ug/l #	100
78) n-propylbenzene	12.59	91	15559	0.644	ug/l	97
79) 2-Chlorotoluene	12.66	91	10983	0.729	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	62631	3.473	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	156300	138.032	ug/l #	2
82) 4-Chlorotoluene	12.73	91	5559	0.396	ug/l #	42
83) tert-Butylbenzene	13.04	119	37068	2.434	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.04	105	296486	17.350	ug/l	98
85) sec-Butylbenzene	13.04	105	296486	15.279	ug/l #	57

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Response via : Initial Calibration

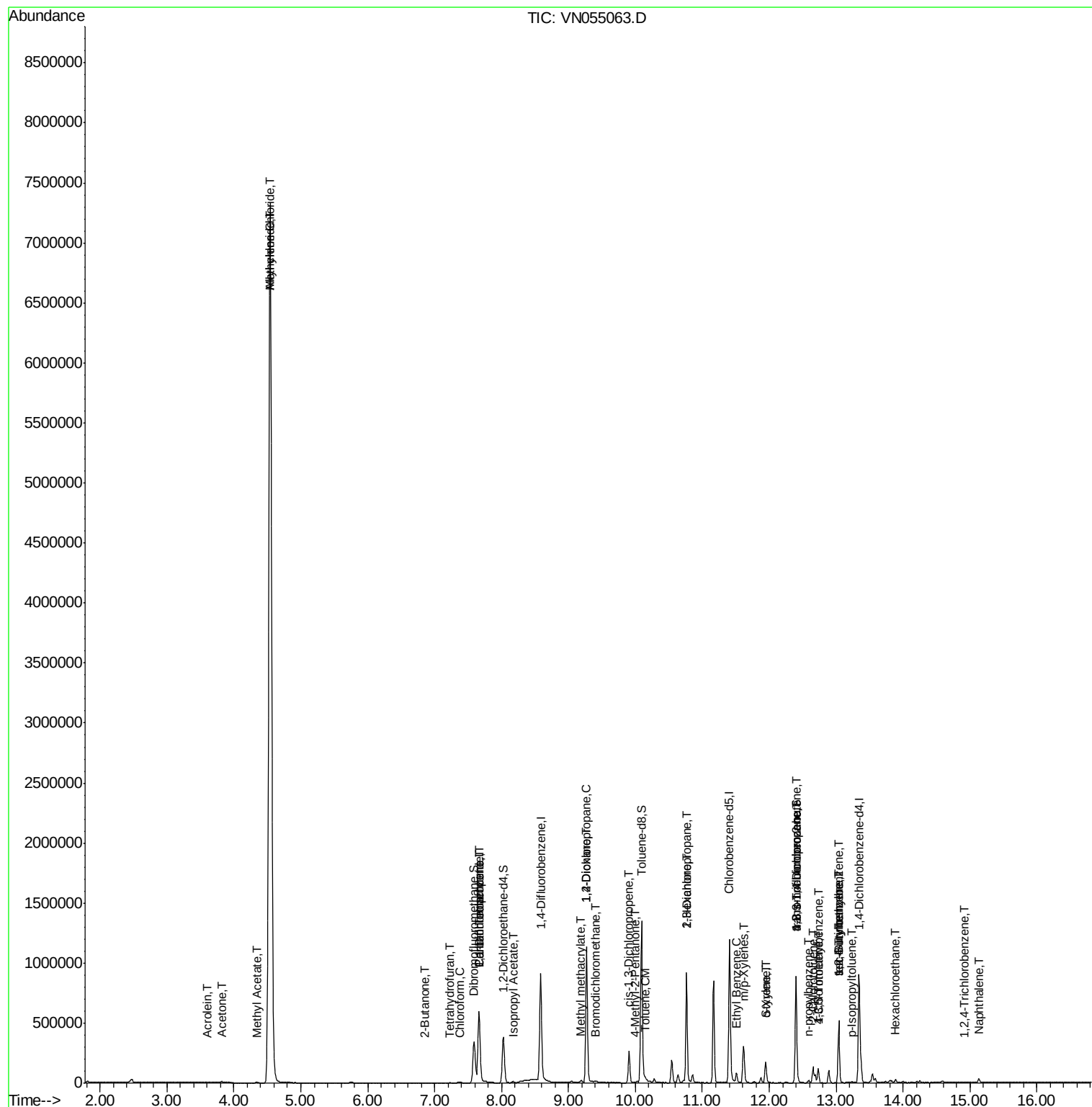
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.24	119	5254	0.316	ug/l	99
90) Hexachloroethane	13.89	117	1714	0.633	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.91	180	115	2.705	ug/l #	51
95) Naphthalene	15.13	128	25391	5.717	ug/l	100

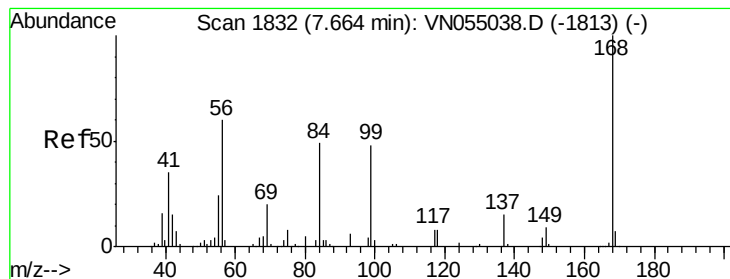
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041519\
Data File : VN055063.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampled :

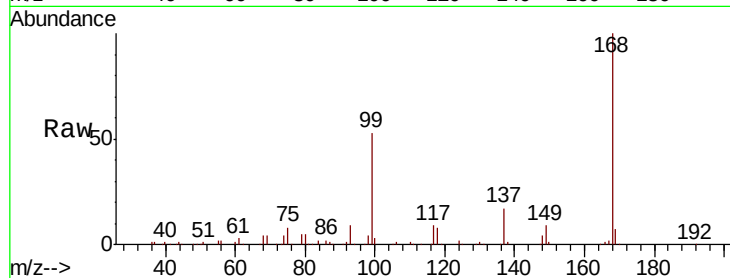
TP-11-D

Tot Ion:168 Resp: 524464

Ion Ratio Lower Upper

168 100

99 53.0 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

200000

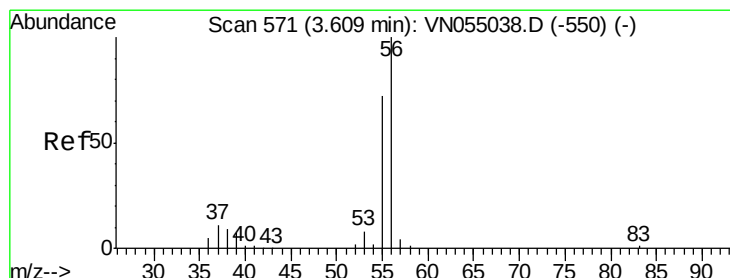
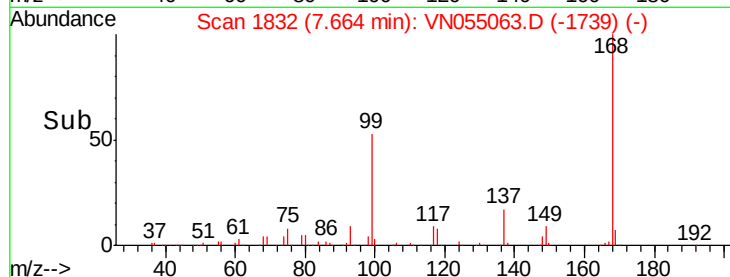
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.330 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055063.D

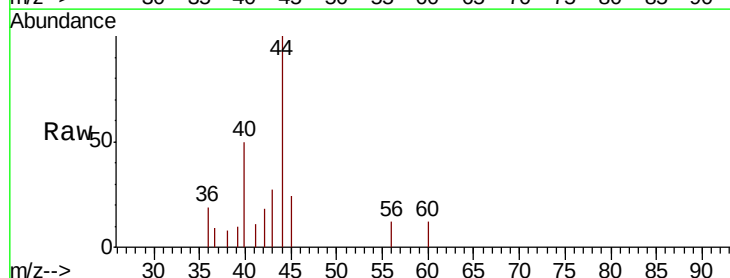
Acq: 16 Apr 2019 00:25

Tgt Ion: 56 Resp: 156

Ion Ratio Lower Upper

56 100

55 19.2 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.61

250

200

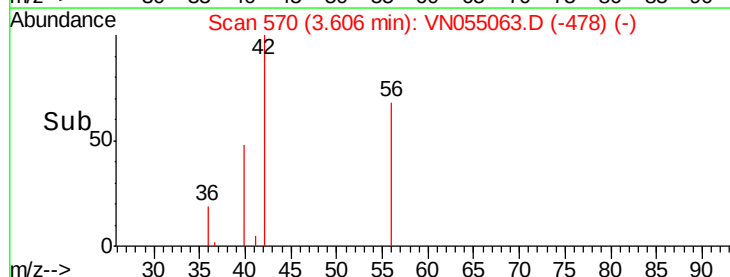
150

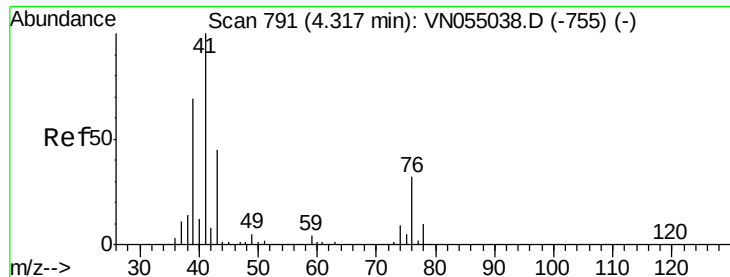
100

50

0

Time-->





#14

Allvl chloride

Concen: 23.309 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.22 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampled :

TP-11-D

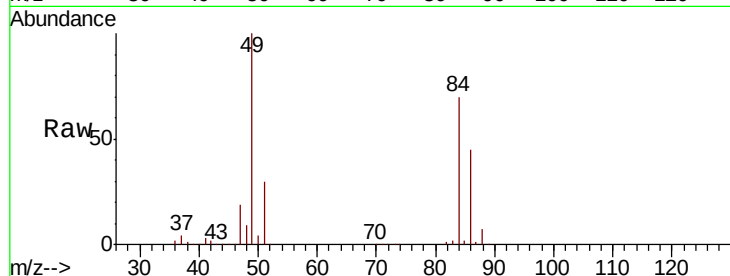
Tot Ion: 41 Resp: 237502

Ion Ratio Lower Upper

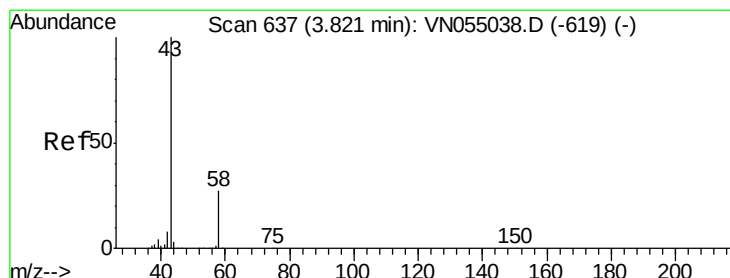
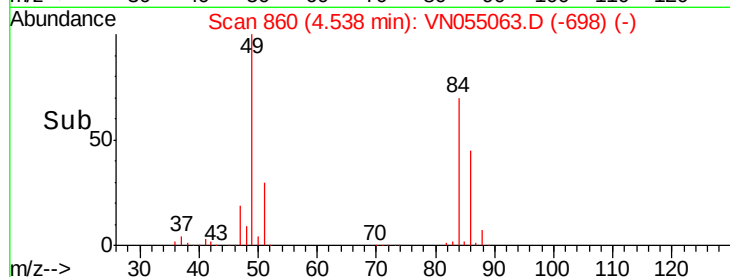
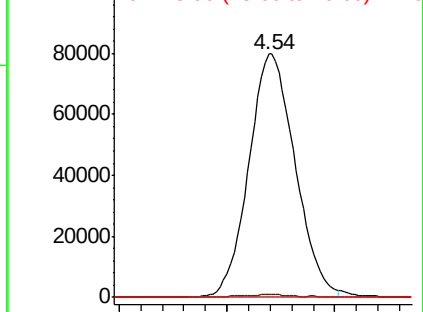
41 100

39 0.7 52.7 79.1#

76 0.0 23.2 34.8#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO



#16

Acetone

Concen: 5.984 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055063.D

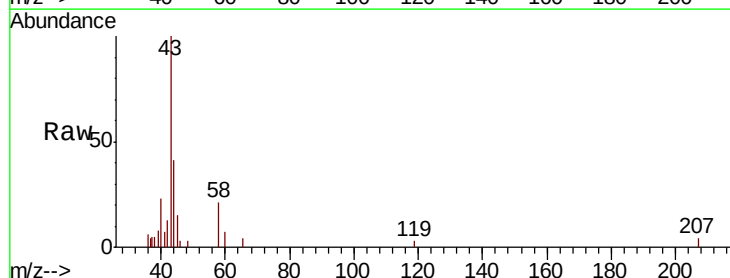
Acq: 16 Apr 2019 00:25

Tgt Ion: 43 Resp: 11322

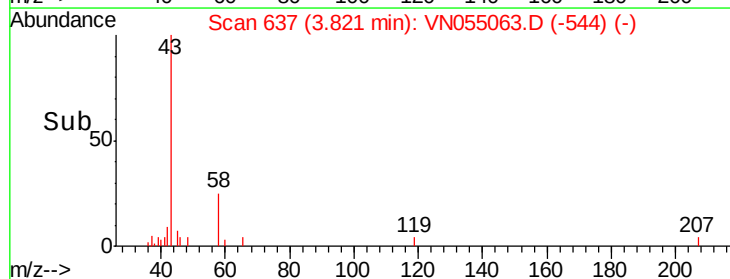
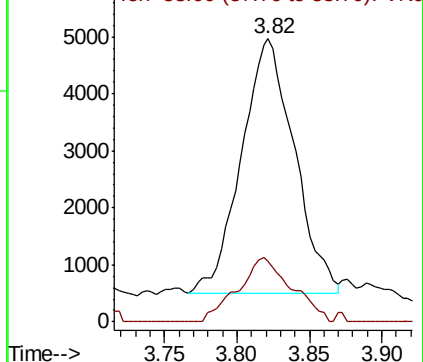
Ion Ratio Lower Upper

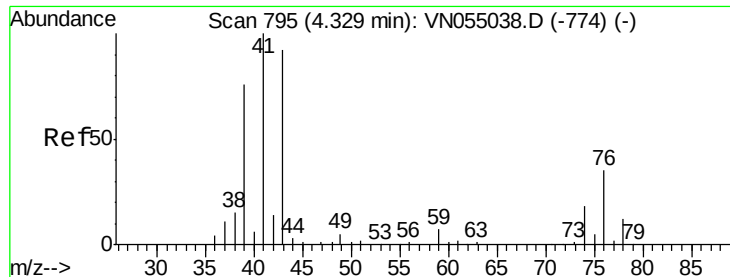
43 100

58 23.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

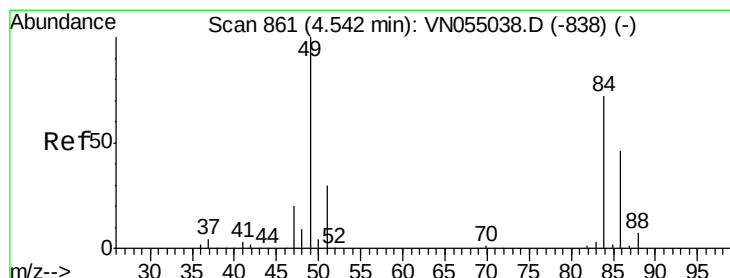
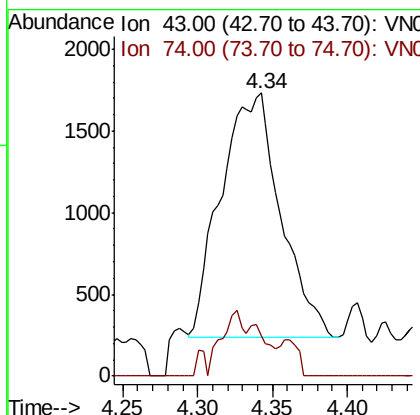
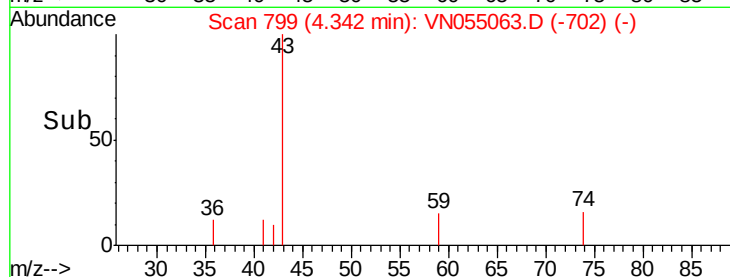
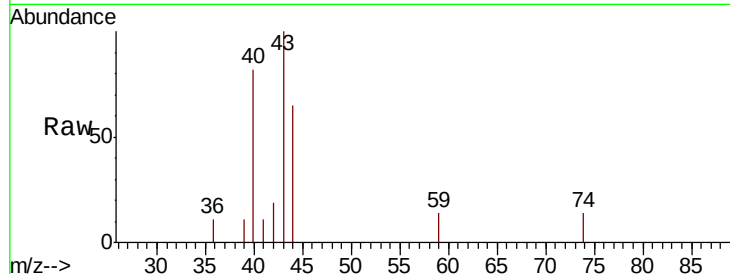




#18
Methvl Acetate
Concen: 0.326 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.01 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

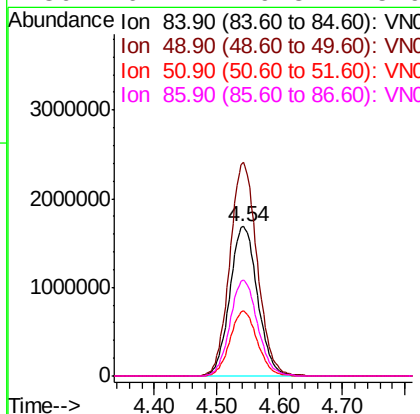
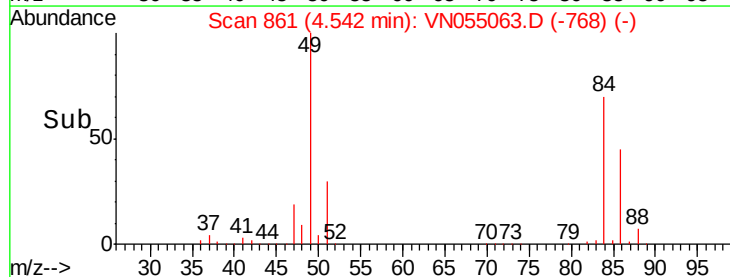
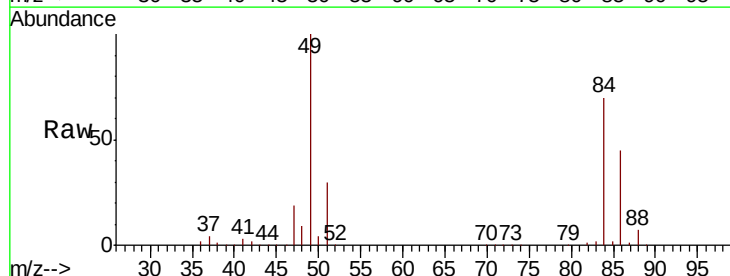
Instrument :
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ClientSampleId :
TP-11-D

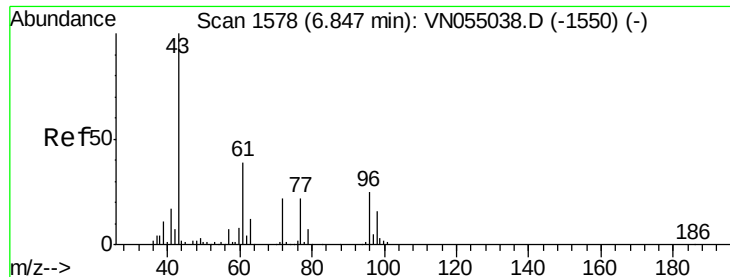
Tot Ion: 43 Resp: 4144
Ion Ratio Lower Upper
43 100
74 10.4 16.1 24.1#



#20
Methylene Chloride
Concen: 776.253 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

Tgt Ion: 84 Resp: 5163342
Ion Ratio Lower Upper
84 100
49 142.8 109.4 164.2
51 43.3 32.2 48.4
86 64.2 49.3 73.9

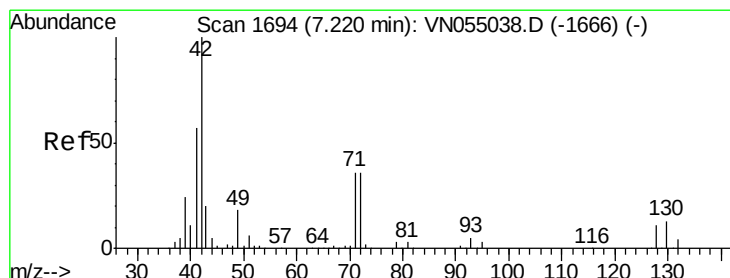
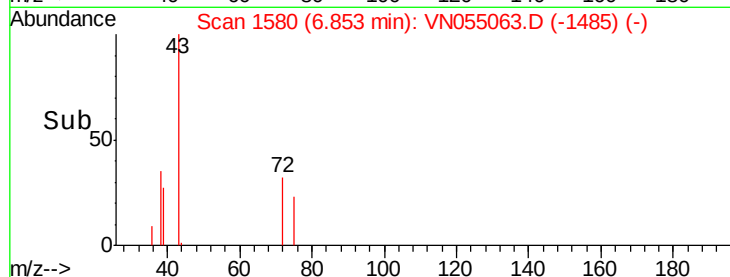
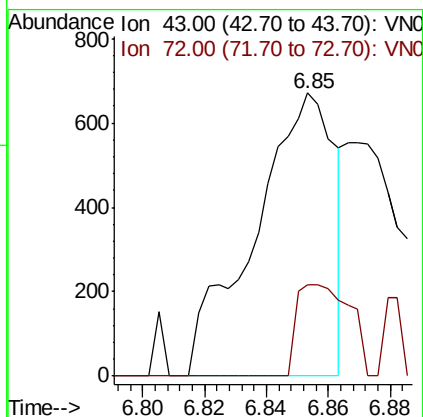
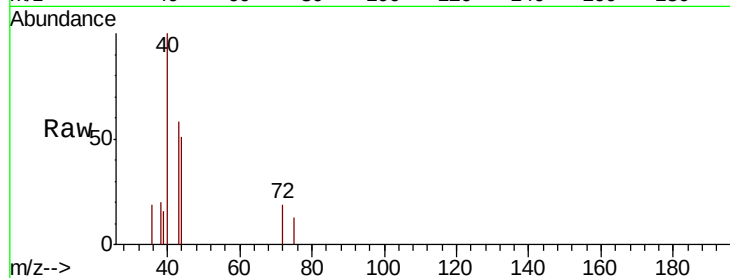




#25
 2-Butanone
 Concen: 0.425 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

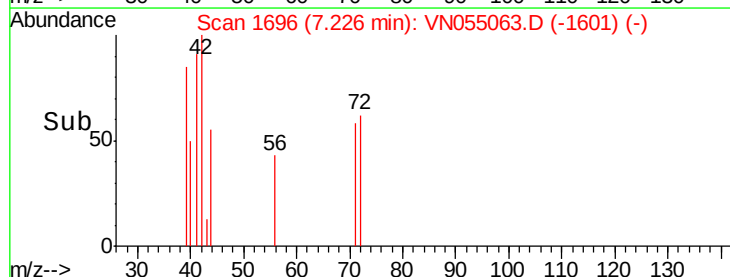
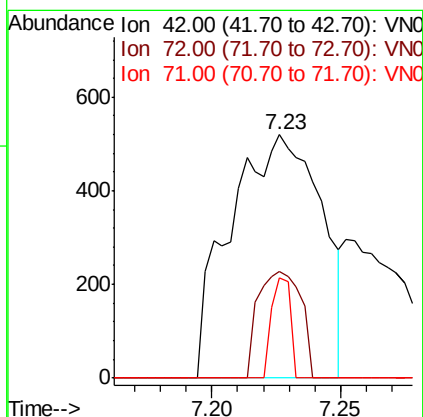
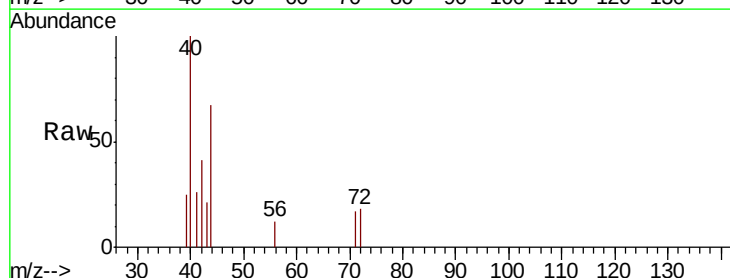
Instrument :
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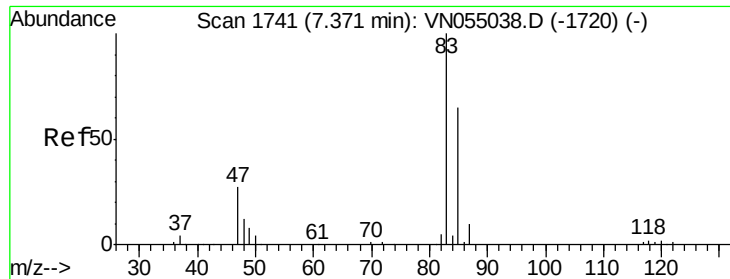
Tot Ion: 43 Resp: 1201
 Ion Ratio Lower Upper
 43 100
 72 32.5 18.1 27.1#



#29
 Tetrahydrofuran
 Concen: 0.692 ug/l
 RT: 7.23 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

Tgt Ion: 42 Resp: 1282
 Ion Ratio Lower Upper
 42 100
 72 20.7 29.4 44.0#
 71 8.6 27.8 41.6#

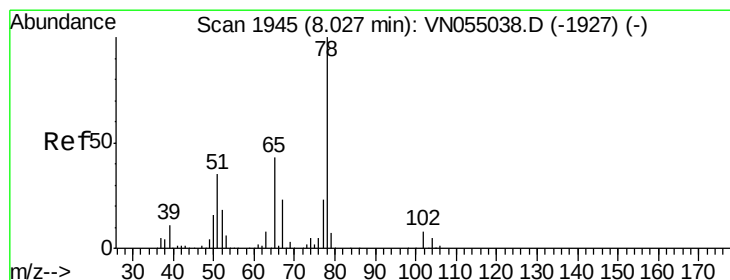
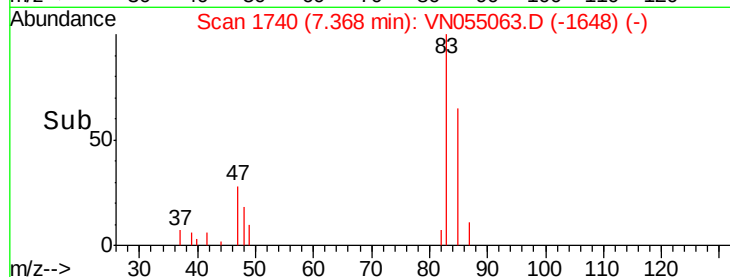
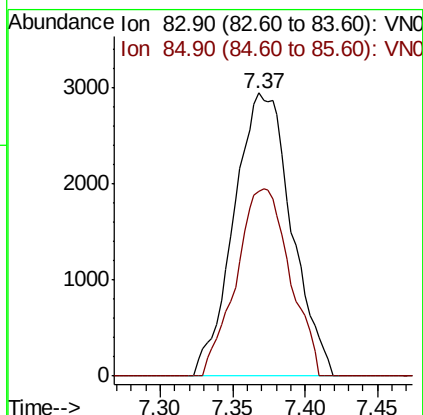
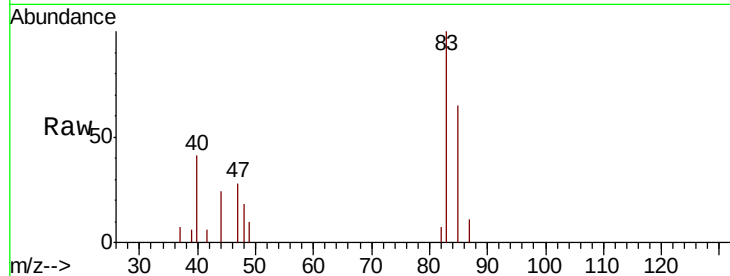




#30
Chloroform
Concen: 0.751 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

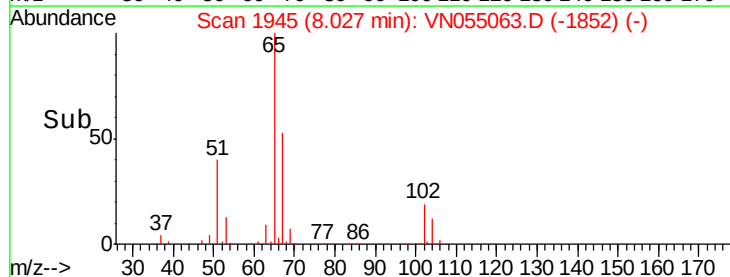
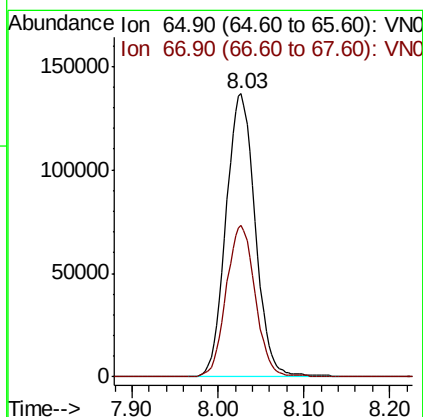
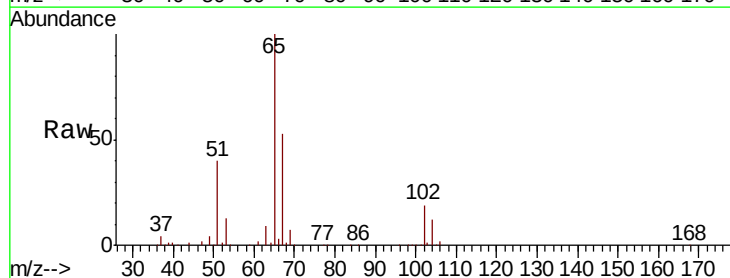
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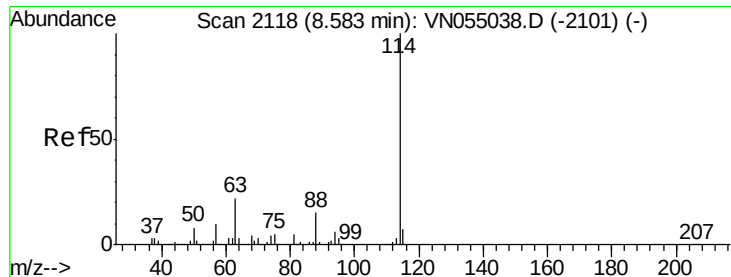
Tot Ion: 83 Resp: 8135
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 46.353 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

Tgt Ion: 65 Resp: 323148
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4

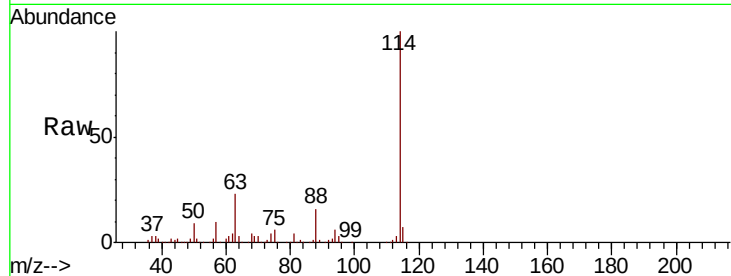




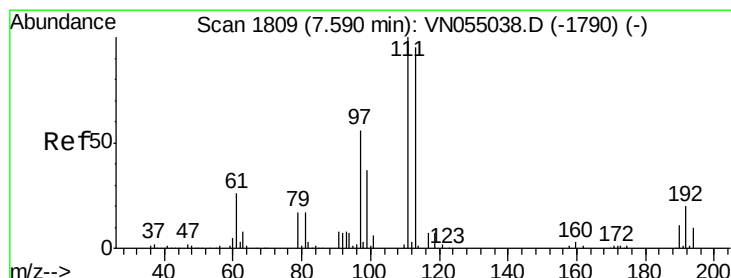
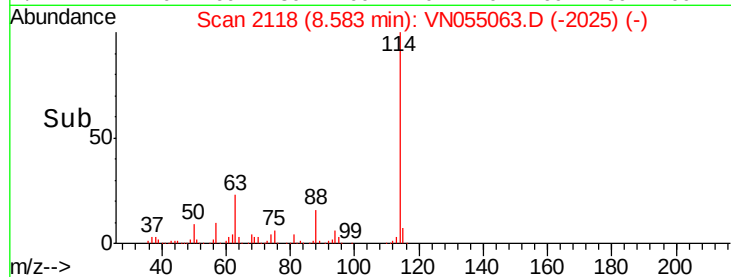
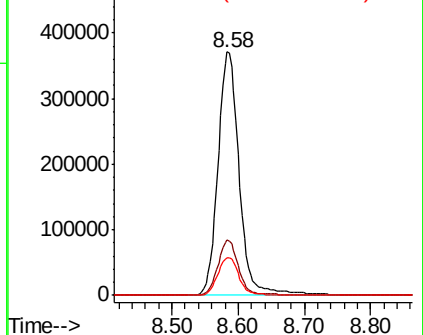
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.2
88	15.6	0.0	31.8

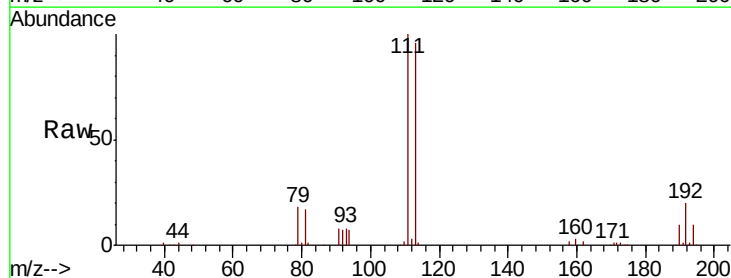


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

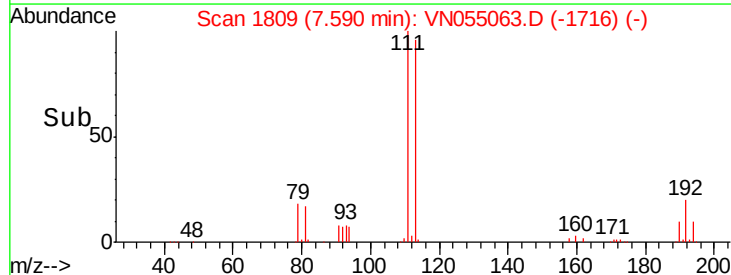
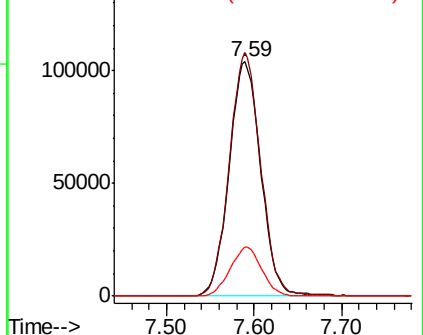


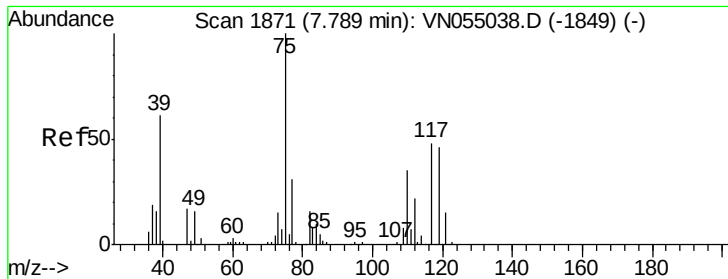
#35
 Dibromofluoromethane
 Concen: 47.152 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.1	123.1
192	20.9	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

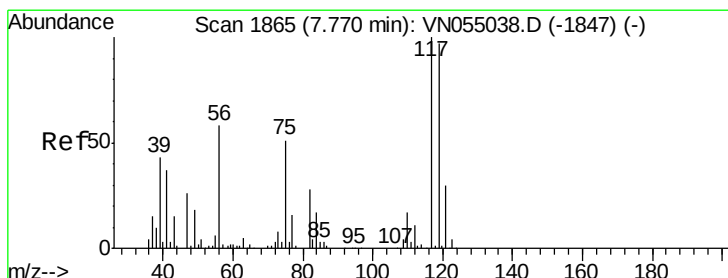
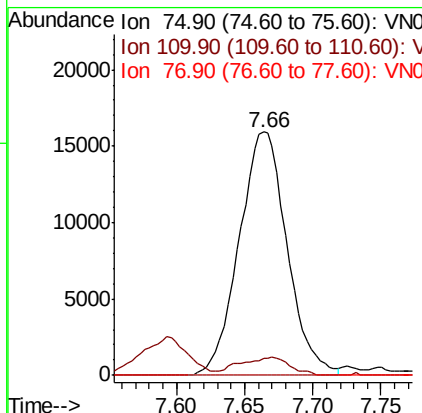
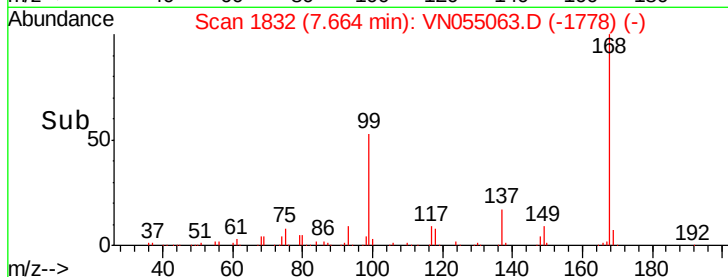
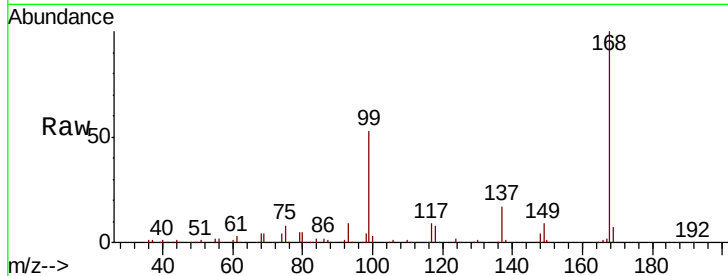




#36
 1,1-Dichloropropene
 Concen: 4.981 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

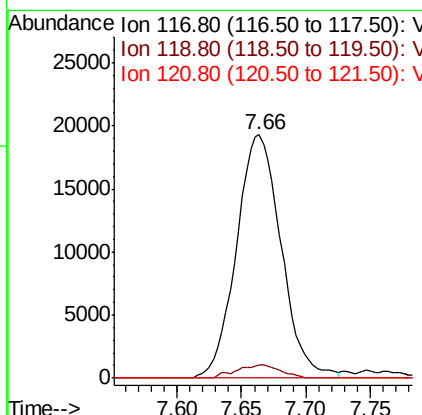
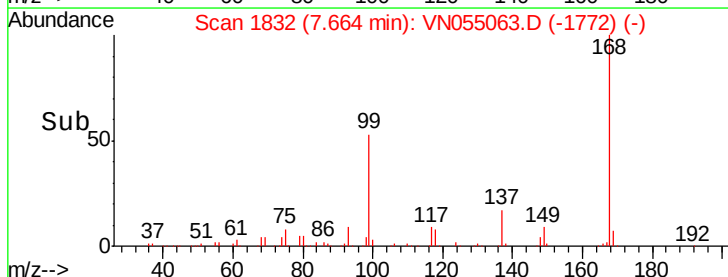
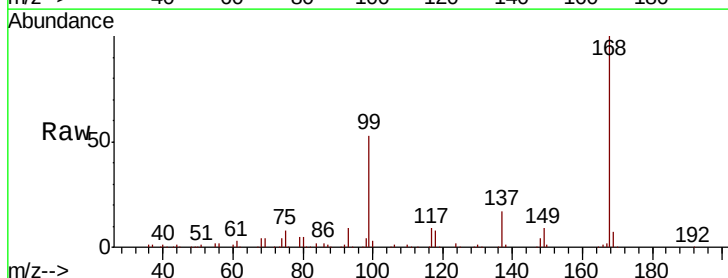
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

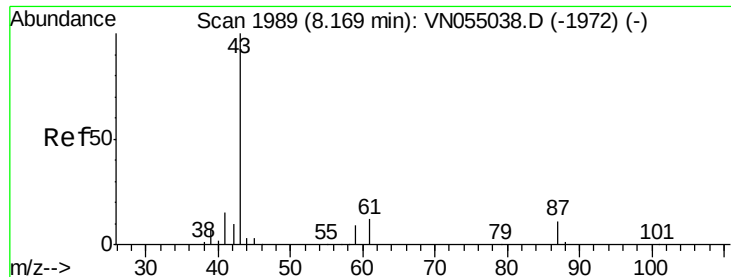
Tot Ion: 75 Resp: 38856
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.5 52.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.267 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

Tgt Ion: 117 Resp: 46506
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.3 114.5#
 121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 1.285 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampled :

TP-11-D

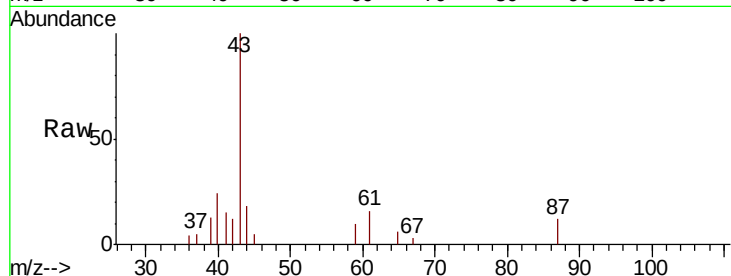
Tot Ion: 43 Resp: 12577

Ion Ratio Lower Upper

43 100

61 17.0 14.3 21.5

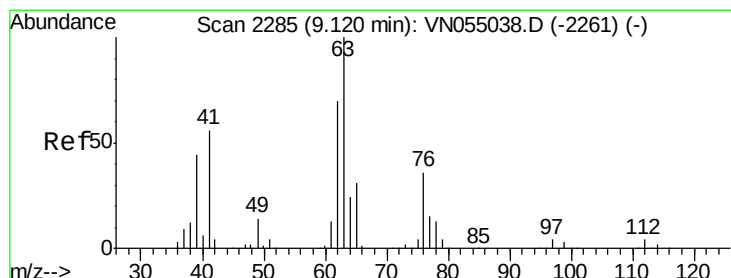
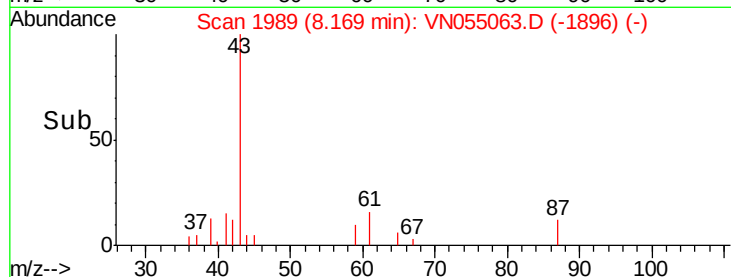
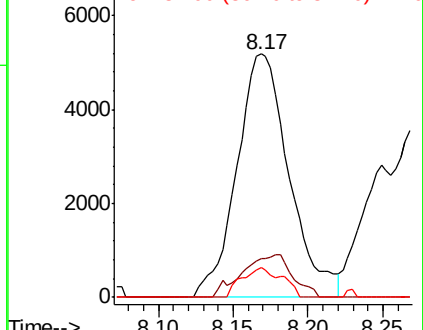
87 9.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.225 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN055063.D

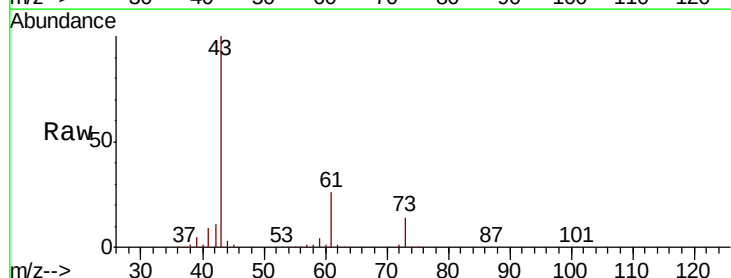
Acq: 16 Apr 2019 00:25

Tgt Ion: 63 Resp: 1472

Ion Ratio Lower Upper

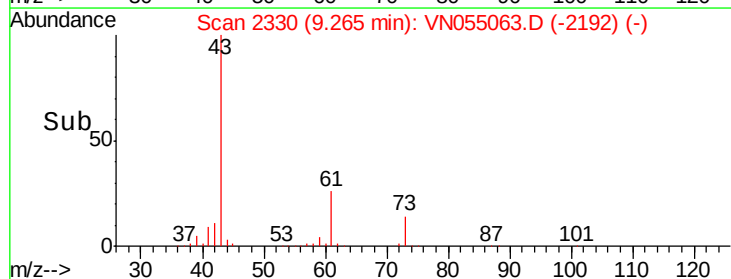
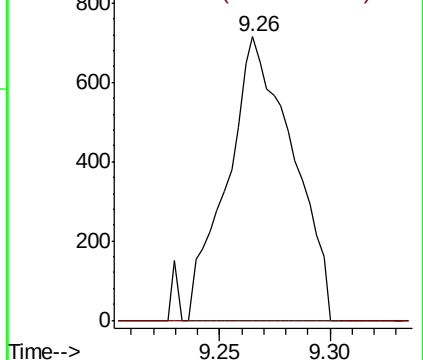
63 100

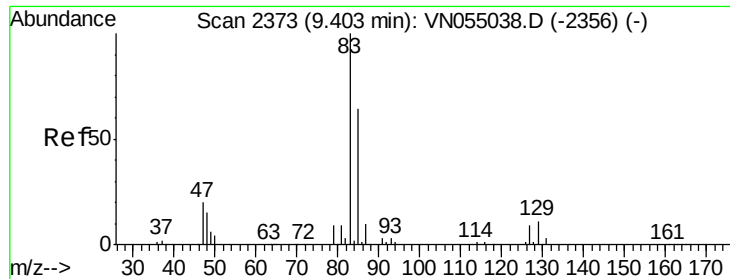
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.325 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

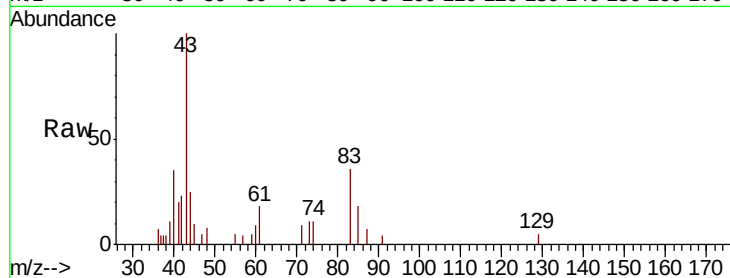
Tot Ion: 83 Resp: 2502

Ion Ratio Lower Upper

83 100

85 50.2 51.2 76.8#

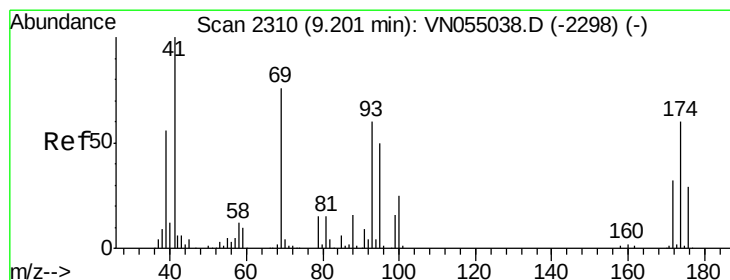
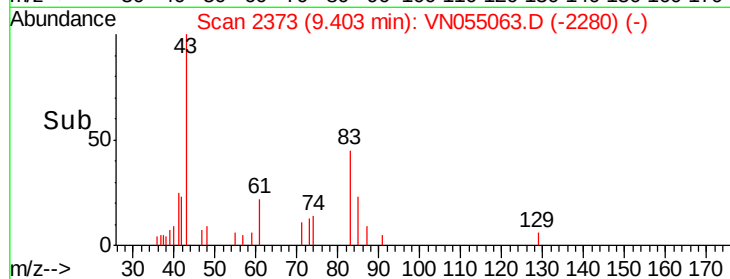
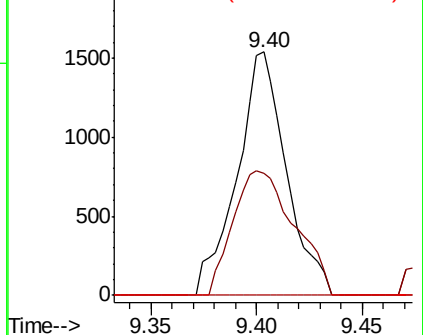
127 0.0 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 1.409 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

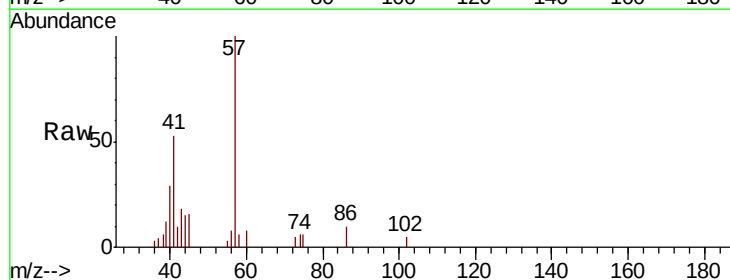
Tgt Ion: 41 Resp: 6835

Ion Ratio Lower Upper

41 100

69 0.0 60.5 90.7#

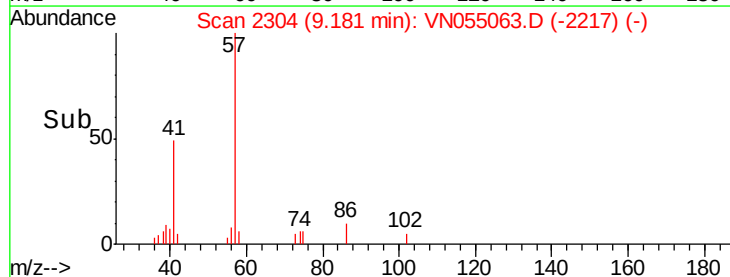
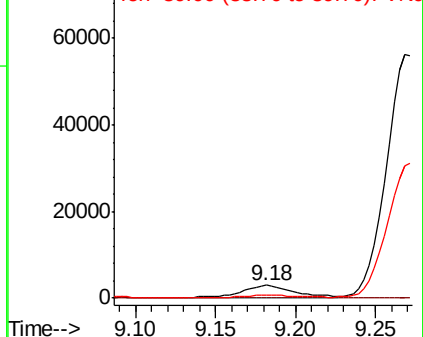
39 0.0 43.9 65.9#

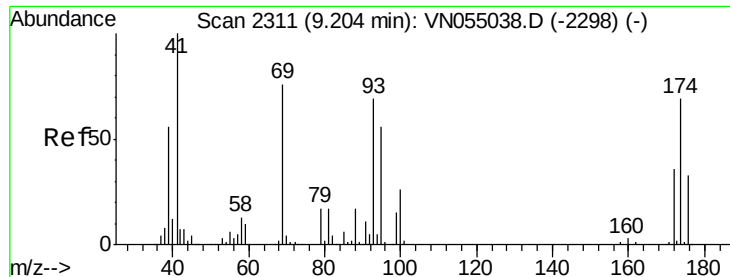


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 0.660 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

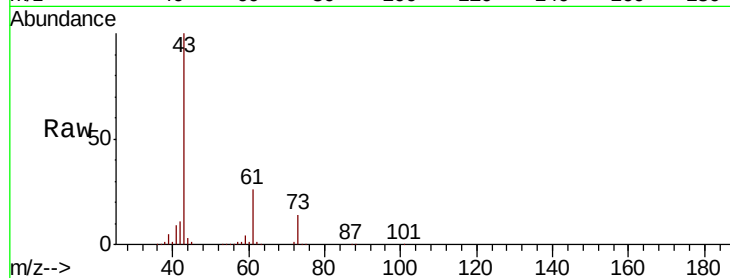
Tot Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 3851250.0 31.8 47.8#

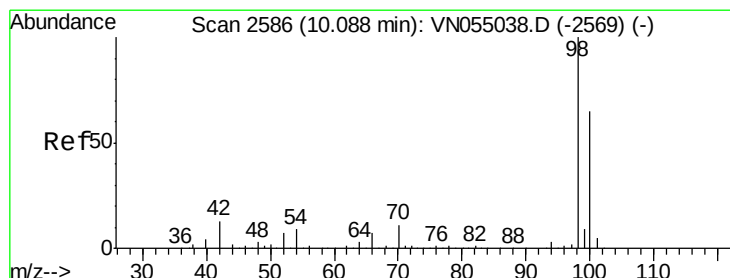
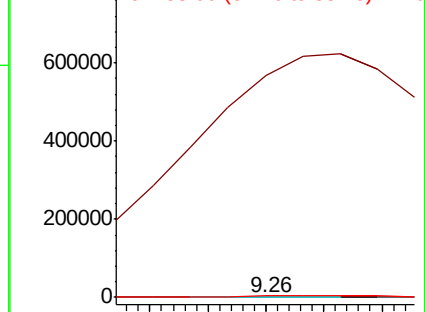
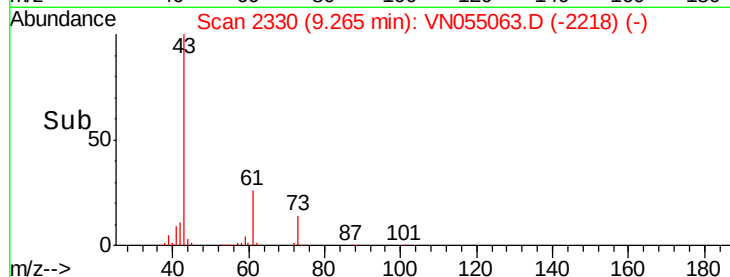
58 19350.0 61.6 92.4#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.275 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055063.D

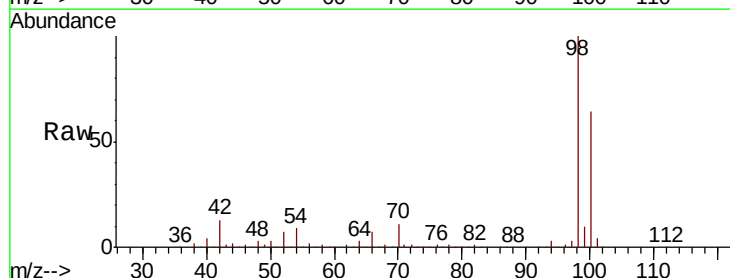
Acq: 16 Apr 2019 00:25

Tgt Ion: 98 Resp: 995033

Ion Ratio Lower Upper

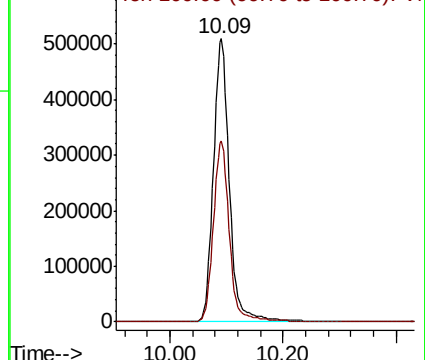
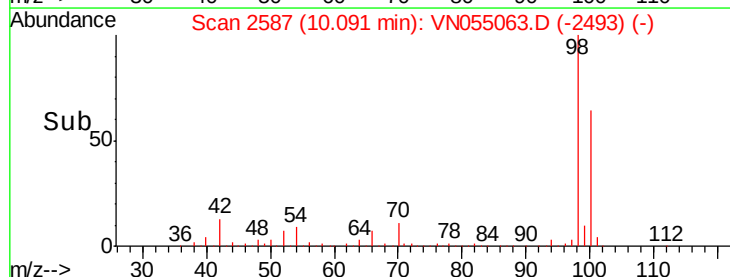
98 100

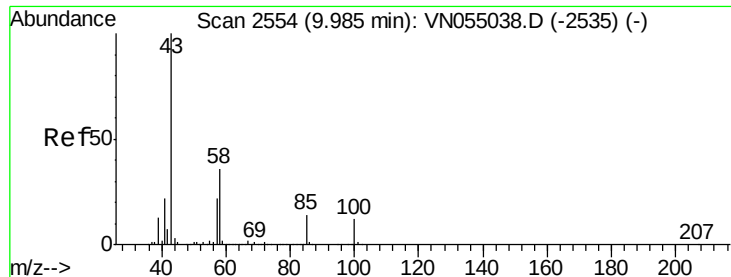
100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

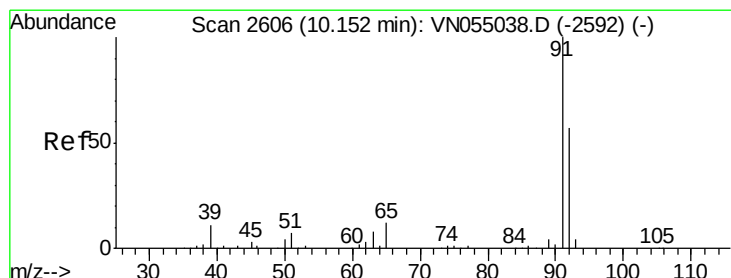
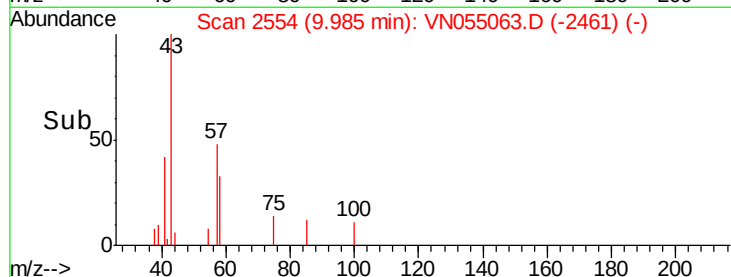
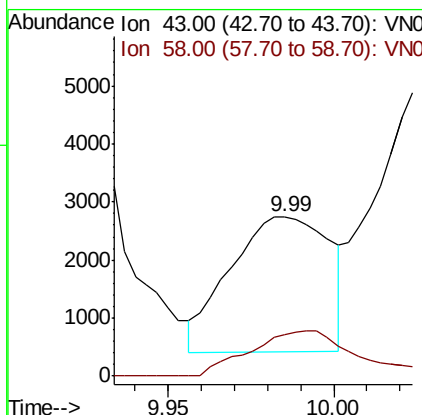
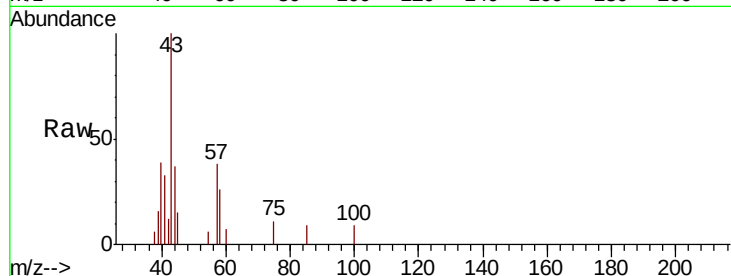




#51
 4-Methyl-2-Pentanone
 Concen: 0.856 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

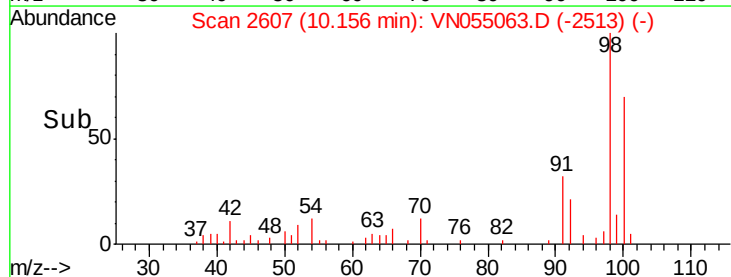
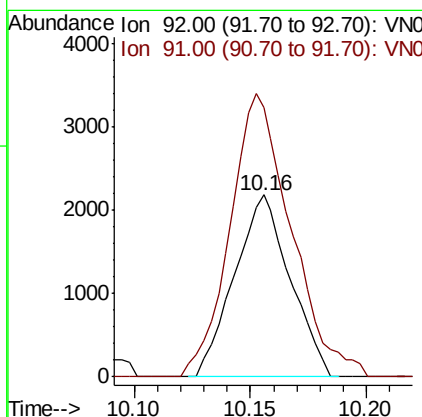
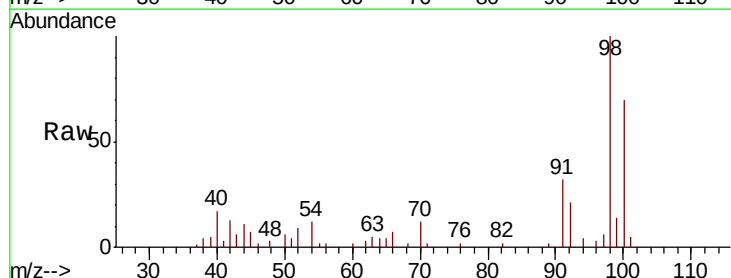
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11-D

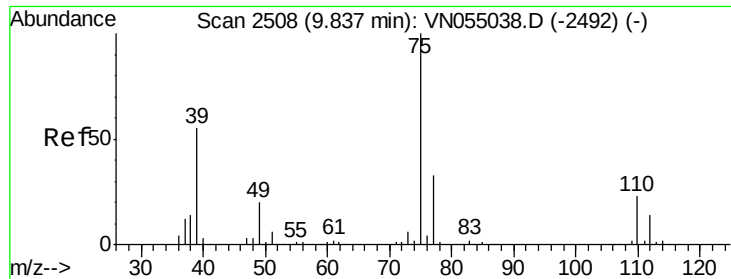
Tot Ion: 43 Resp: 4841
 Ion Ratio Lower Upper
 43 100
 58 35.1 29.0 43.4



#52
 Toluene
 Concen: 0.272 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

Tgt Ion: 92 Resp: 3656
 Ion Ratio Lower Upper
 92 100
 91 170.2 140.8 211.2





#54

cis-1,3-Dichloropropene

Concen: 5.091 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

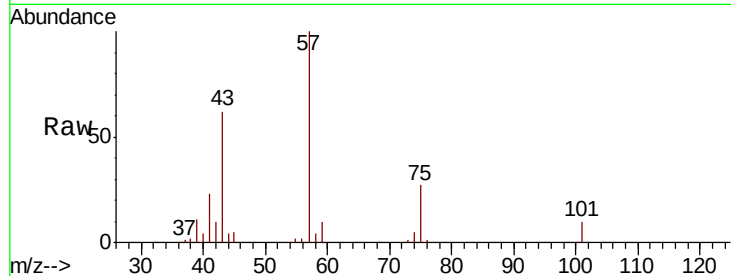
Tot Ion: 75 Resp: 42483

Ion Ratio Lower Upper

75 100

77 0.8 25.8 38.6#

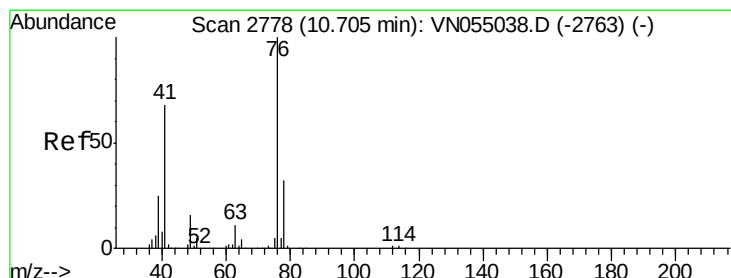
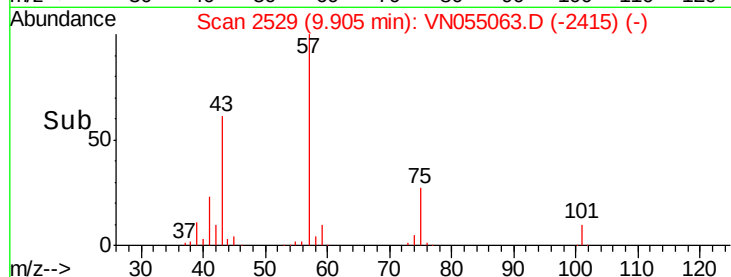
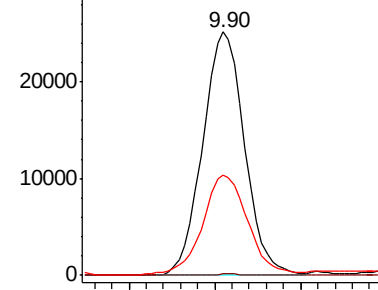
39 40.1 43.8 65.8#



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: 0.985 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055063.D

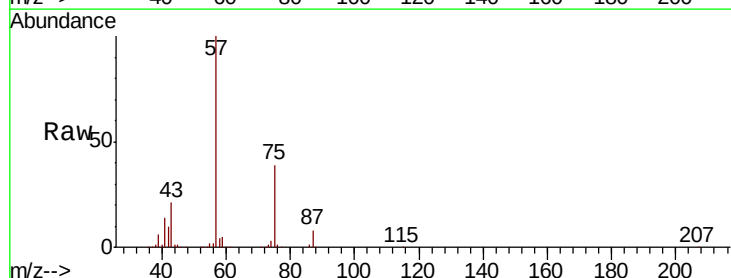
Acq: 16 Apr 2019 00:25

Tgt Ion: 76 Resp: 8702

Ion Ratio Lower Upper

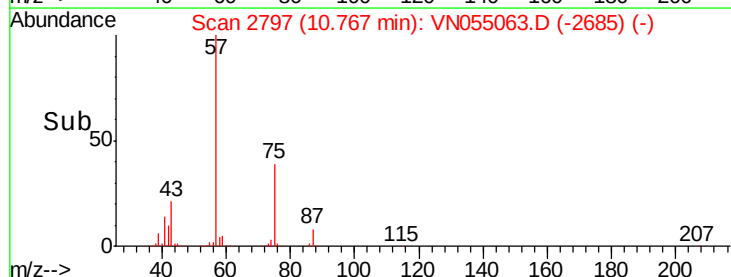
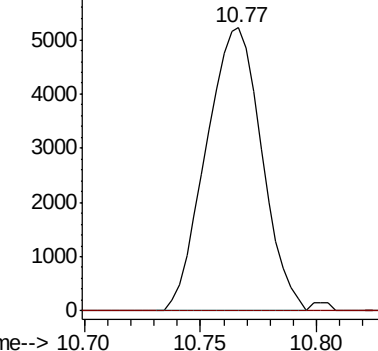
76 100

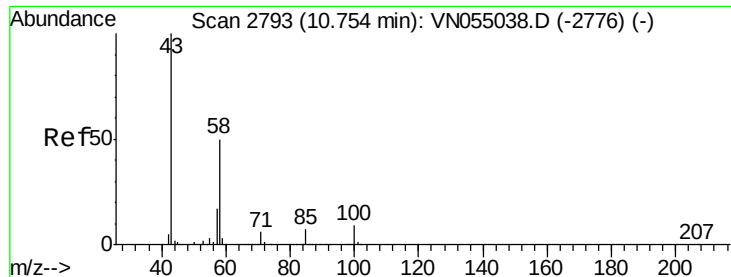
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

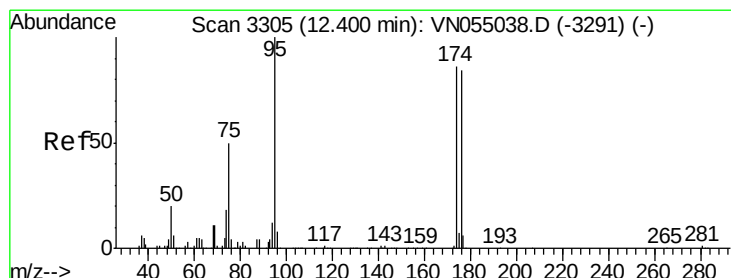
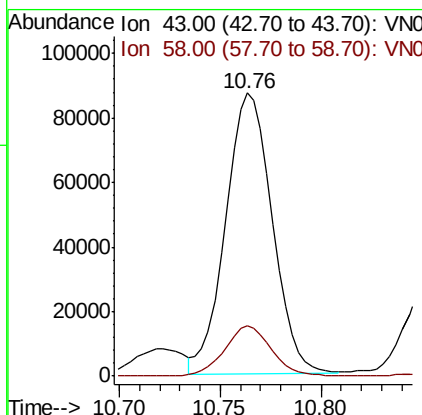
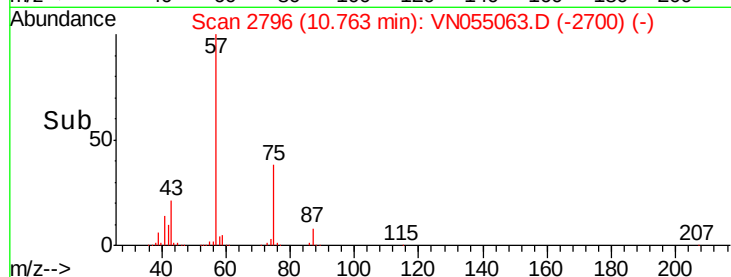
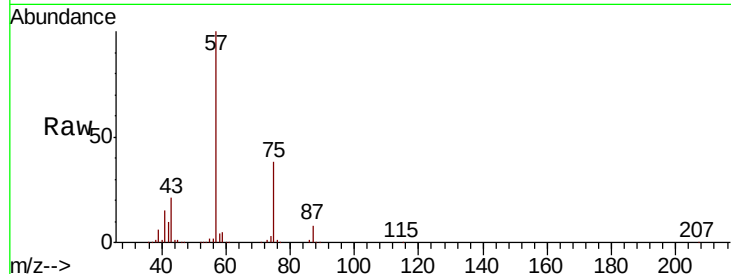




#59
2-Hexanone
Concen: 39.650 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

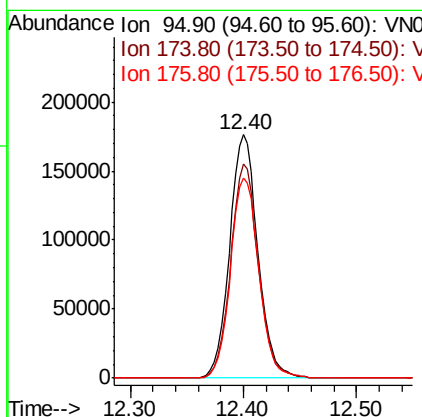
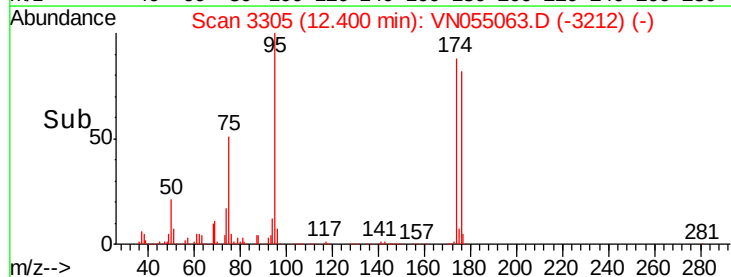
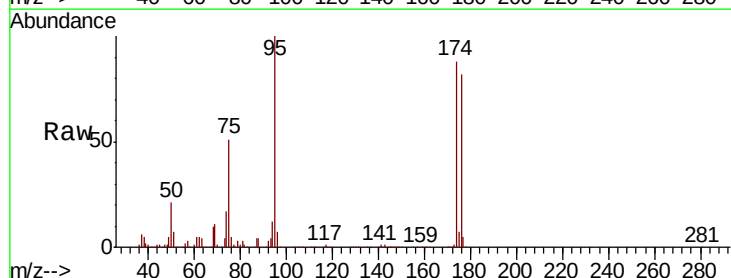
Instrument :
MSVOA_N
ClientSampleId :
TP-11-D

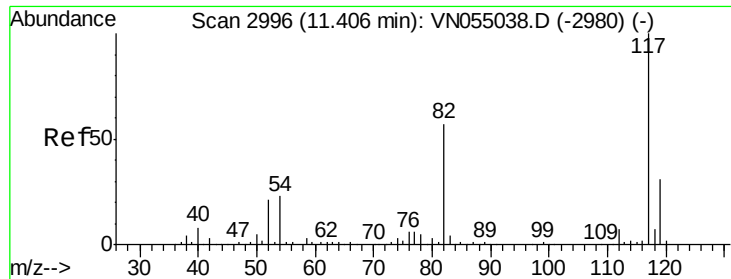
Tot Ion: 43 Resp: 140782
Ion Ratio Lower Upper
43 100
58 18.1 25.1 75.2#



#62
4-Bromofluorobenzene
Concen: 47.560 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

Tgt Ion: 95 Resp: 306012
Ion Ratio Lower Upper
95 100
174 86.2 0.0 174.4
176 82.9 0.0 166.8

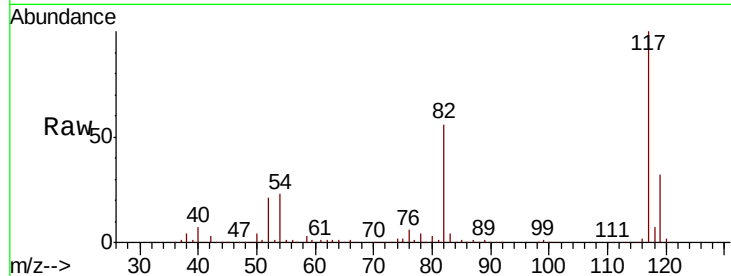




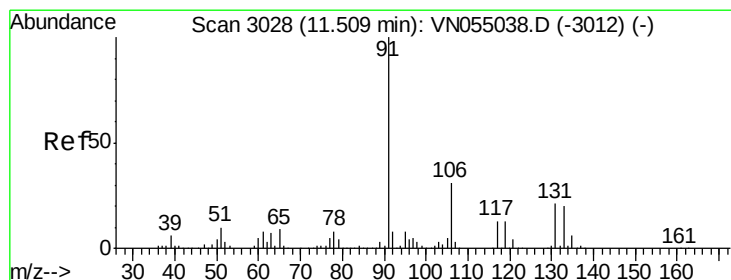
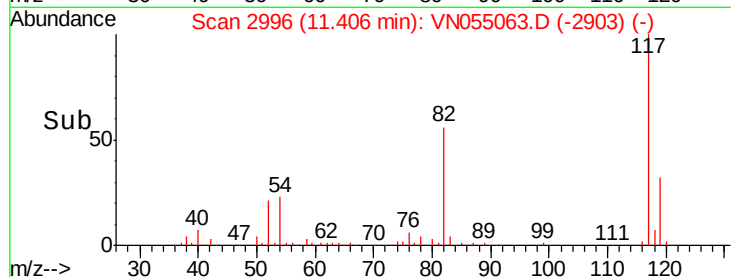
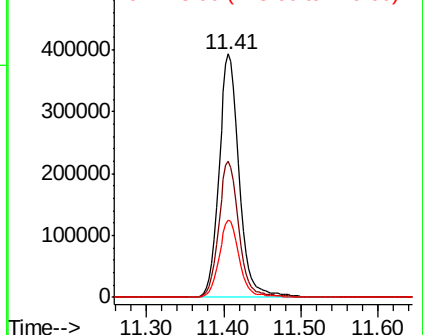
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

Instrument :
MSVOA_N
ClientSampled :
TP-11-D

Tot Ion:117 Resp: 716959
Ion Ratio Lower Upper
117 100
82 55.8 44.6 66.8
119 31.6 25.5 38.3

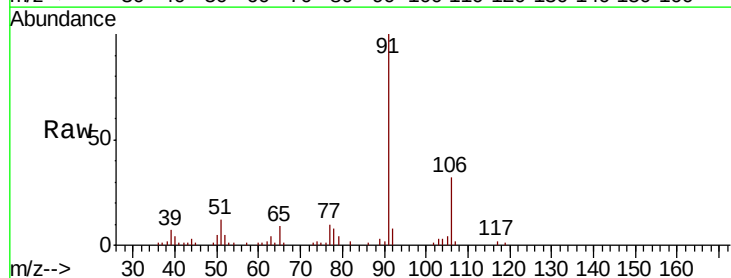


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

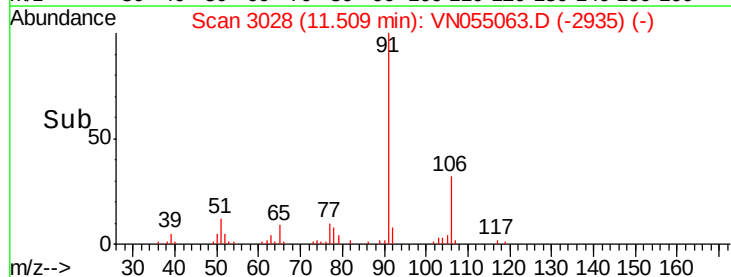
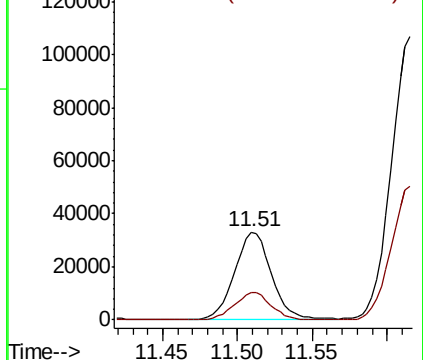


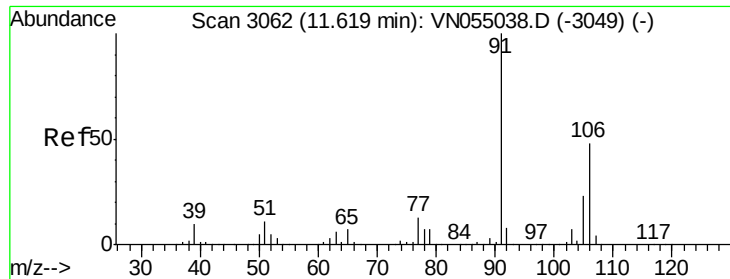
#67
Ethyl Benzene
Concen: 2.216 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

Tgt Ion: 91 Resp: 57113
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 10.614 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

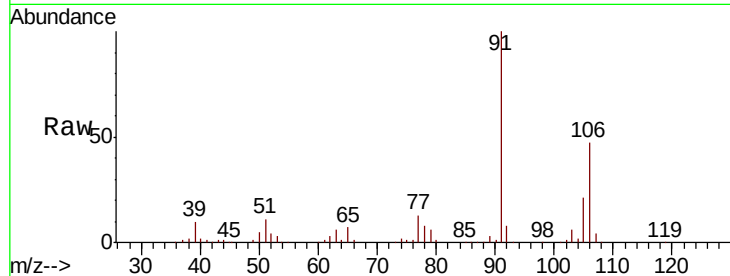
TP-11-D

Tot Ion:106 Resp: 99053

Ion Ratio Lower Upper

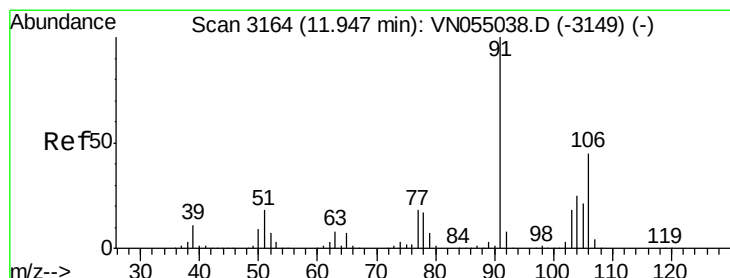
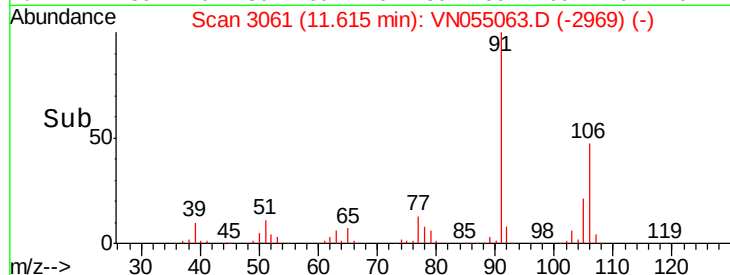
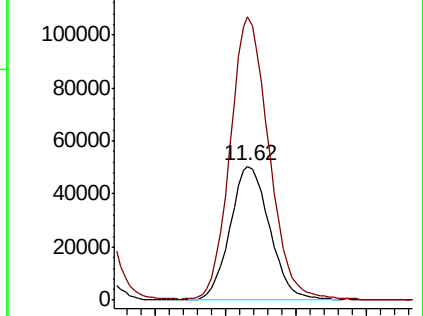
106 100

91 208.5 165.9 248.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 5.276 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN055063.D

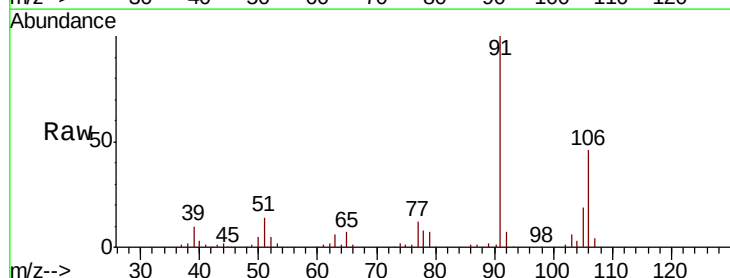
Acq: 16 Apr 2019 00:25

Tgt Ion:106 Resp: 47693

Ion Ratio Lower Upper

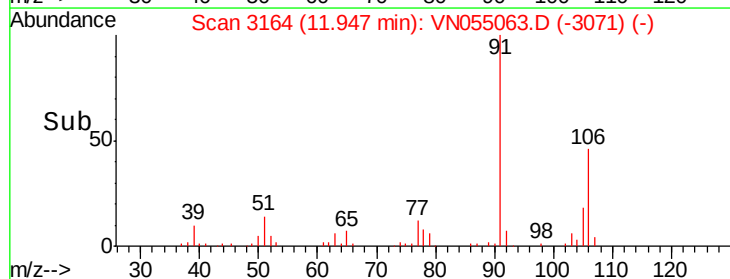
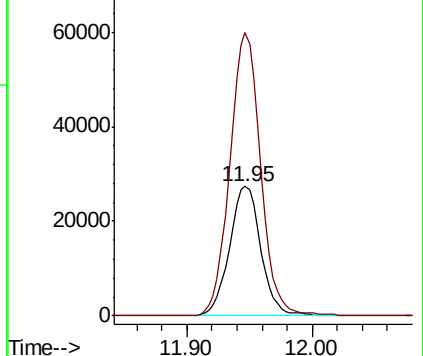
106 100

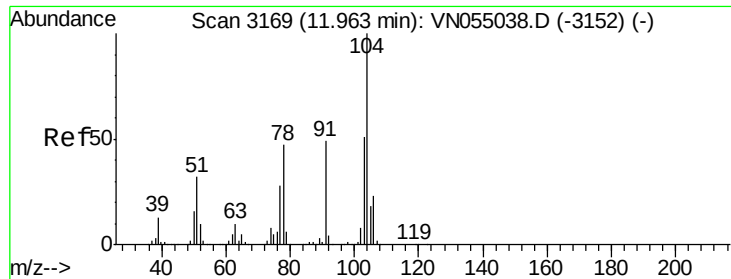
91 213.6 109.9 329.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#70

Stvrene

Concen: 0.325 ug/l

RT: 11.95 min Scan# 3166

Delta R.T. -0.01 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

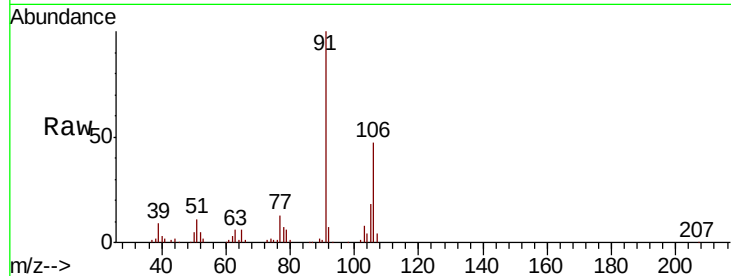
Tot Ion:104 Resp: 4758

Ion Ratio Lower Upper

104 100

78 177.4 40.3 60.5#

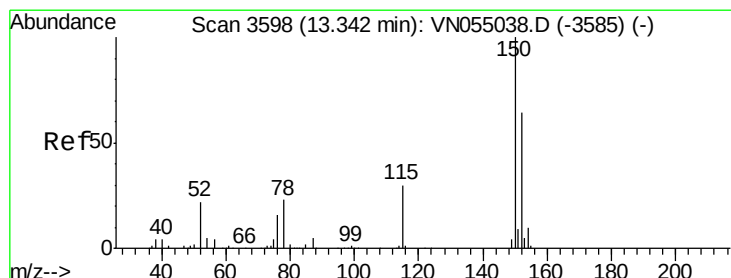
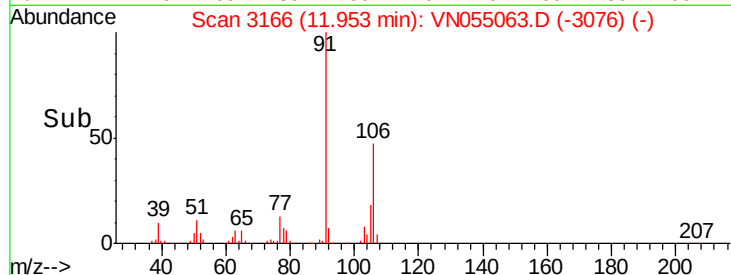
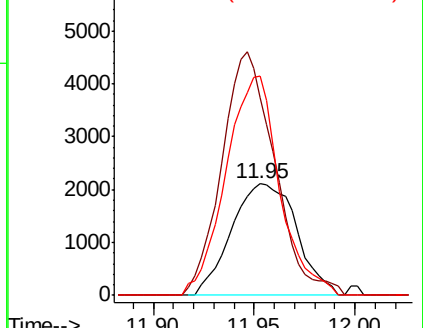
103 162.0 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): 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: VN055063.D

Acq: 16 Apr 2019 00:25

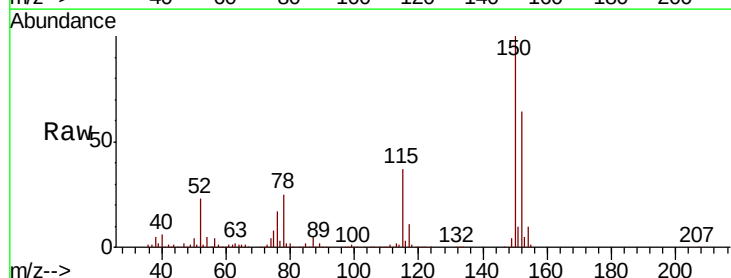
Tgt Ion:152 Resp: 251807

Ion Ratio Lower Upper

152 100

115 59.2 28.5 85.6

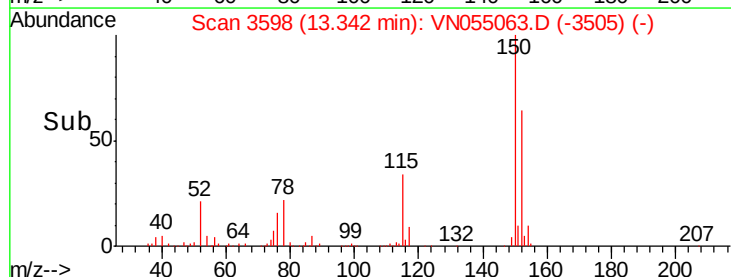
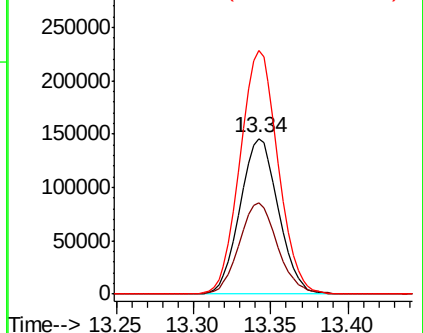
150 155.2 0.0 347.2

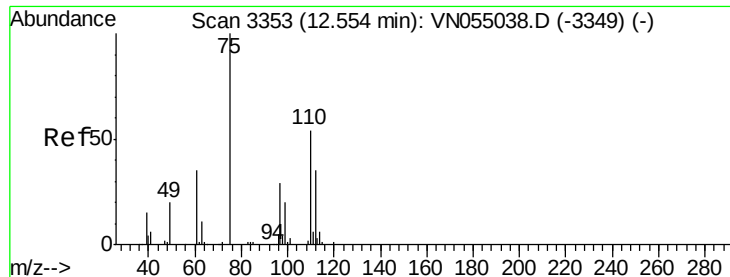


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 34.518 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

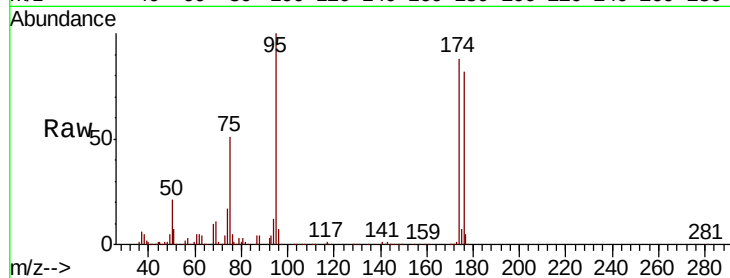
TP-11-D

Tot Ion: 75 Resp: 156300

Ion Ratio Lower Upper

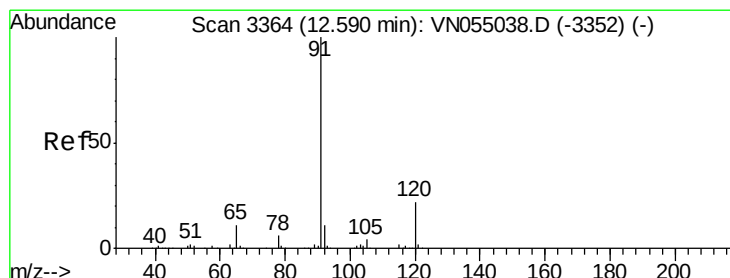
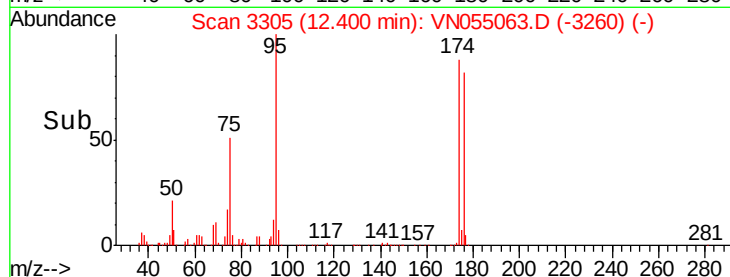
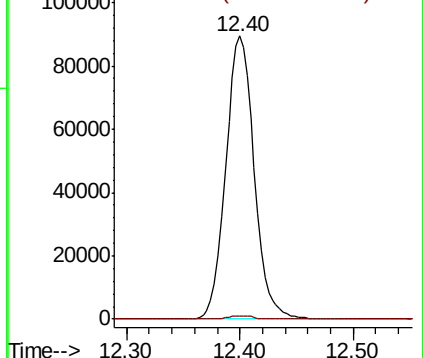
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.644 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055063.D

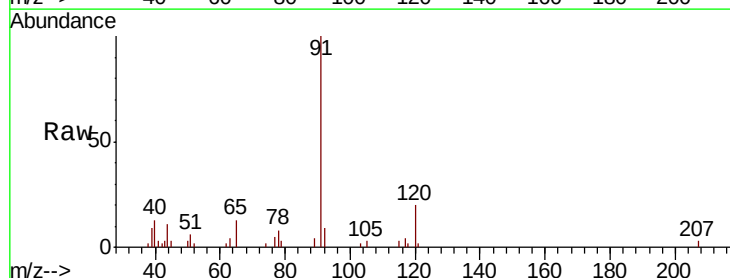
Acq: 16 Apr 2019 00:25

Tgt Ion: 91 Resp: 15559

Ion Ratio Lower Upper

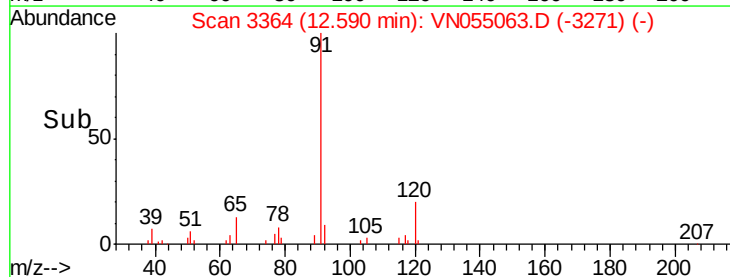
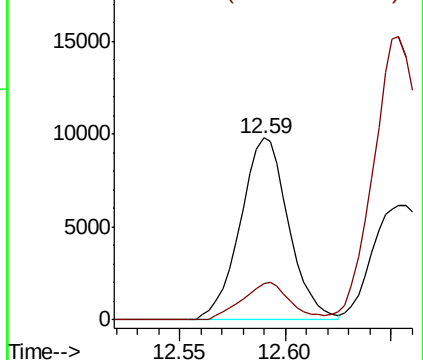
91 100

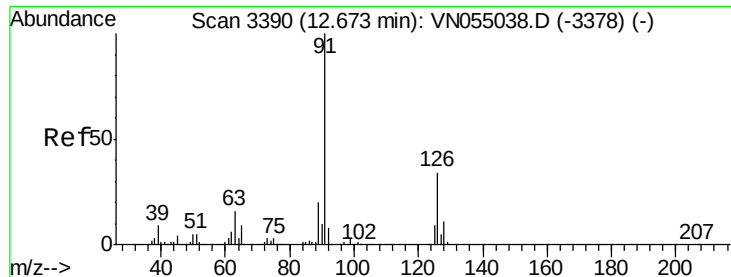
120 20.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.729 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

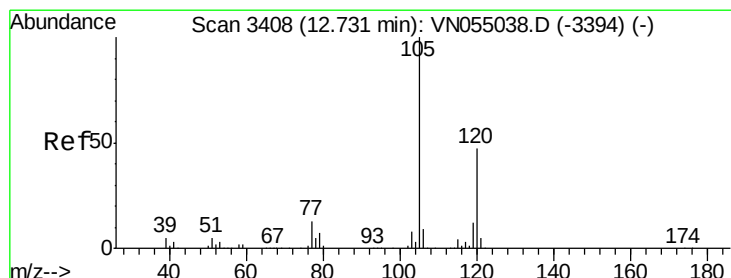
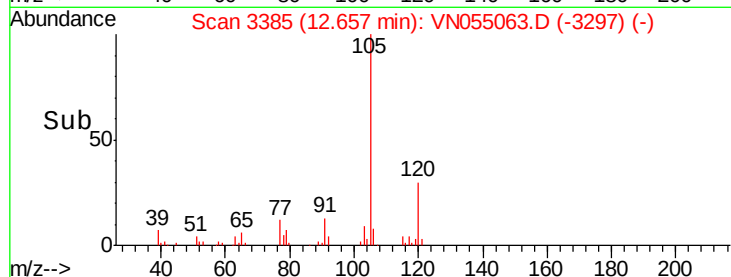
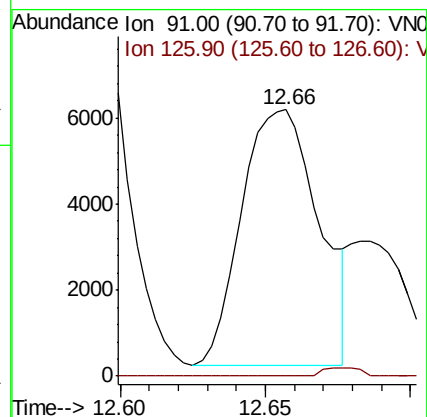
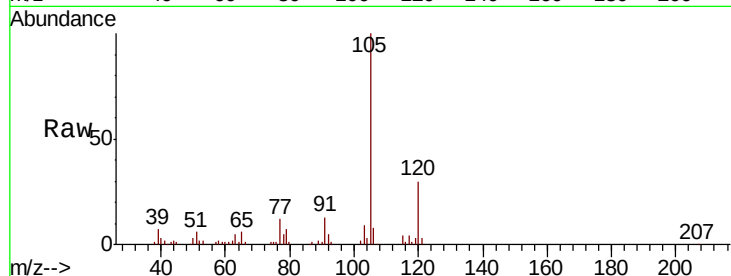
TP-11-D

Tot Ion: 91 Resp: 10983

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.2#



#80

1,3,5-Trimethylbenzene

Concen: 3.473 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055063.D

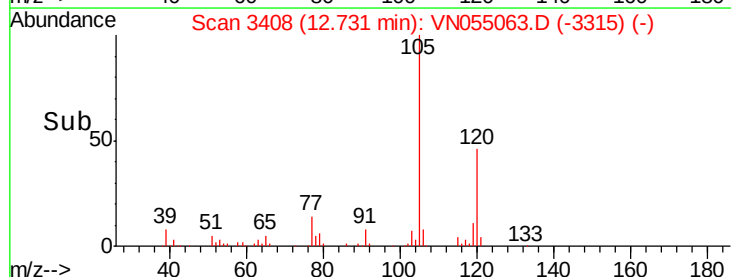
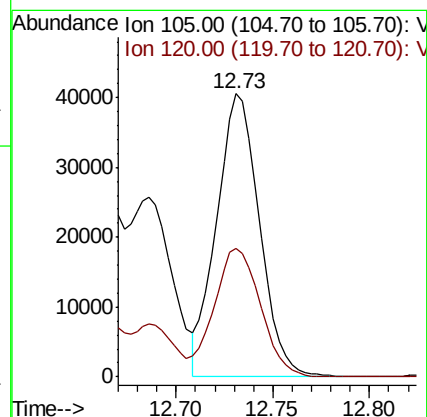
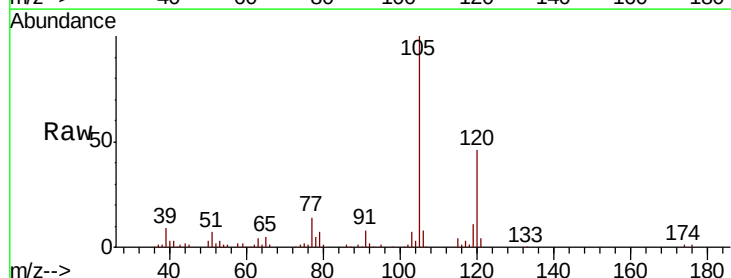
Acq: 16 Apr 2019 00:25

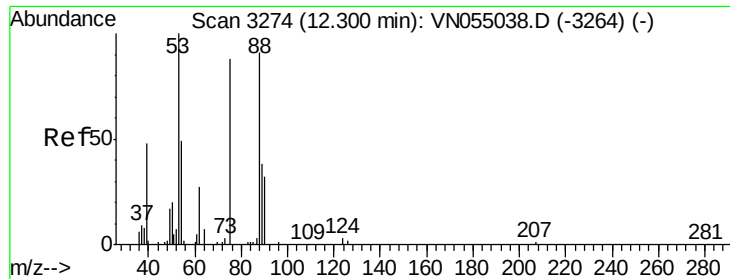
Tgt Ion: 105 Resp: 62631

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8

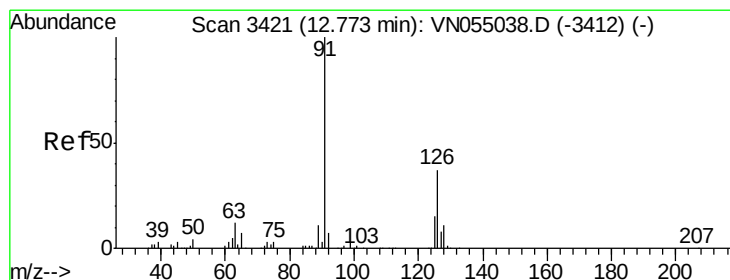
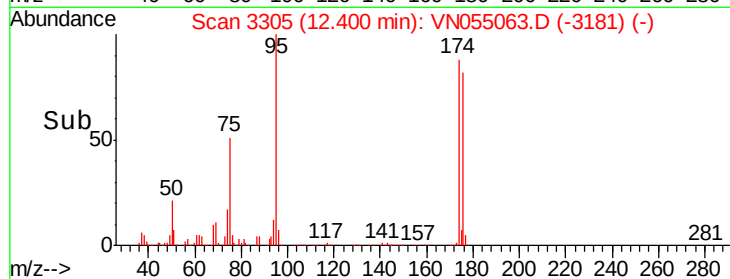
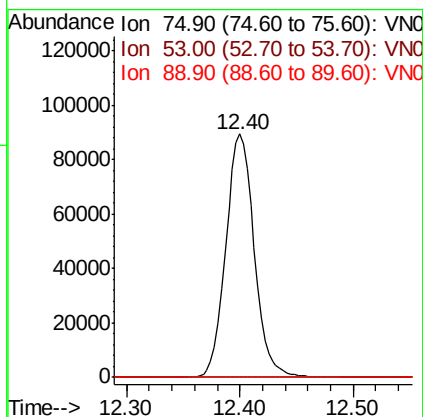
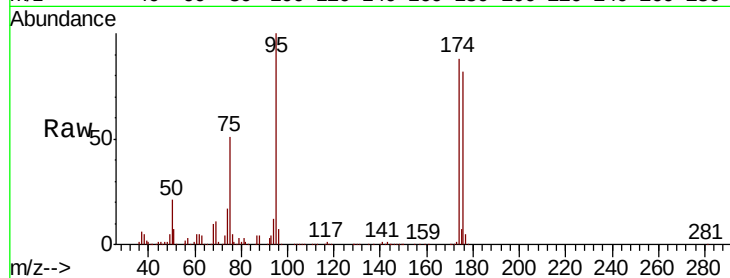




#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.032 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

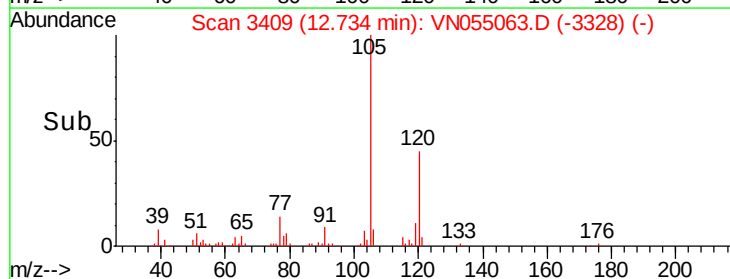
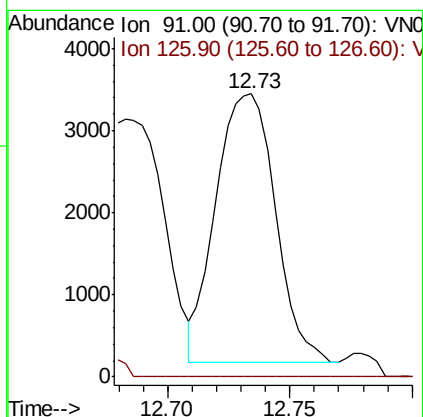
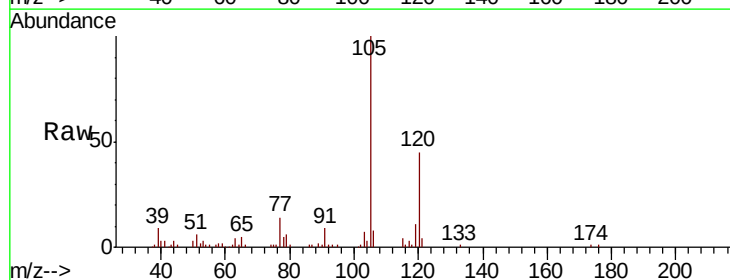
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

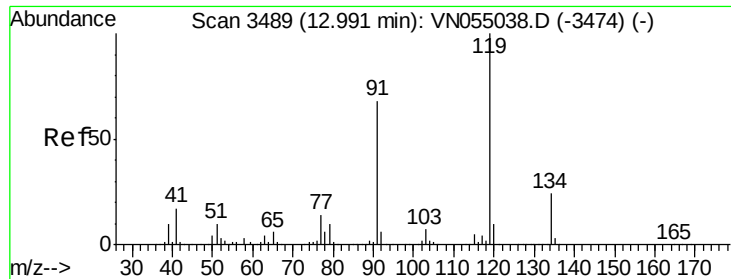
Tot Ion: 75 Resp: 156300
 Ion Ratio Lower Upper
 75 100
 53 0.0 96.3 144.5#
 89 0.0 38.6 57.8#



#82
 4-Chlorotoluene
 Concen: 0.396 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.04 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

Tgt Ion: 91 Resp: 5559
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.4 49.2#

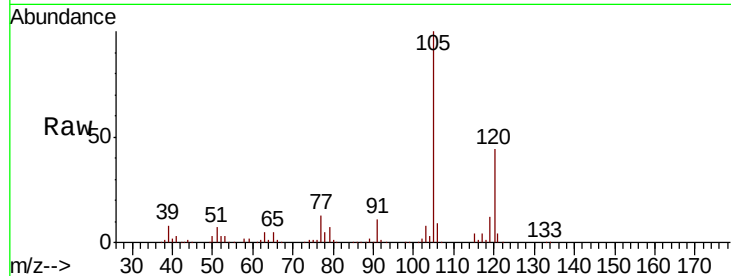




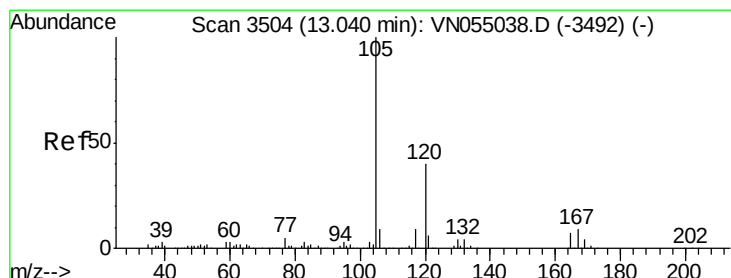
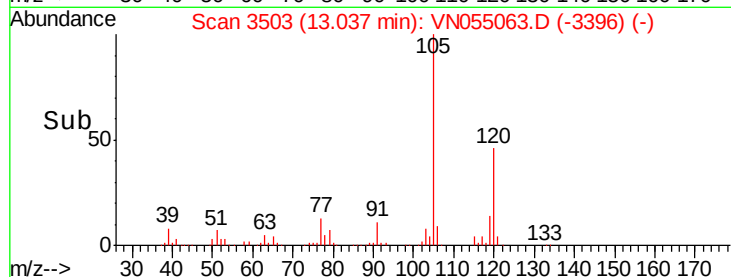
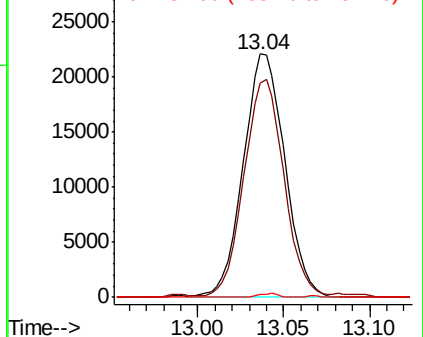
#83
 tert-Butylbenzene
 Concen: 2.434 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.05 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

Tot Ion:119 Resp: 37068
 Ion Ratio Lower Upper
 119 100
 91 84.6 33.3 99.8
 134 0.7 12.3 36.9#

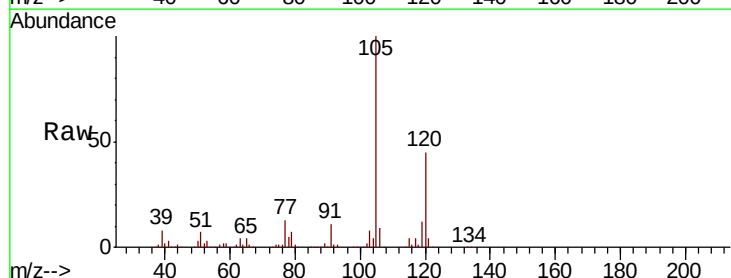


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

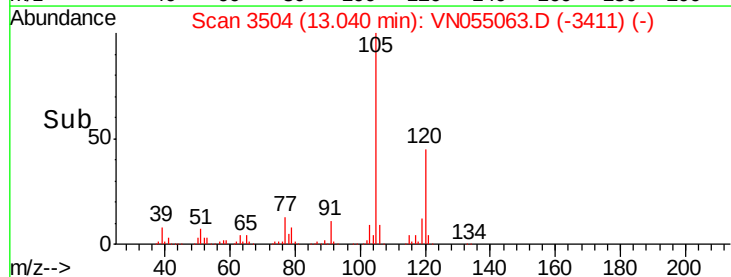
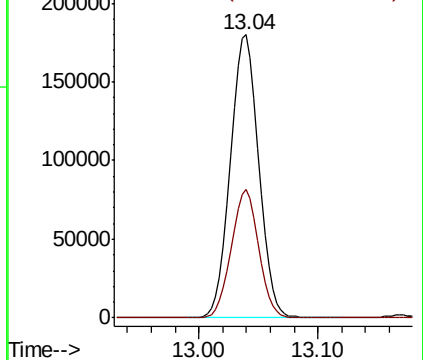


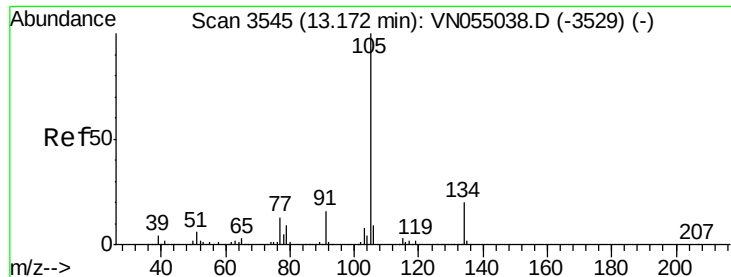
#84
 1,2,4-Trimethylbenzene
 Concen: 17.350 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

Tgt Ion:105 Resp: 296486
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 15.279 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampled :

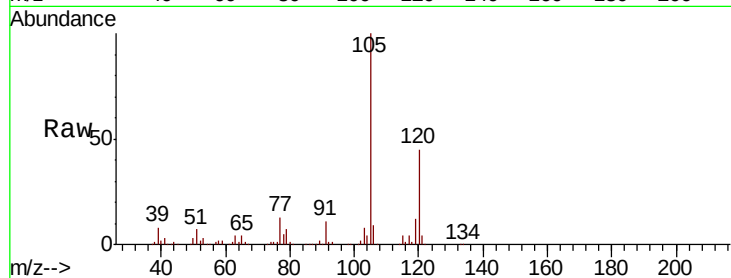
TP-11-D

Tot Ion:105 Resp: 296486

Ion Ratio Lower Upper

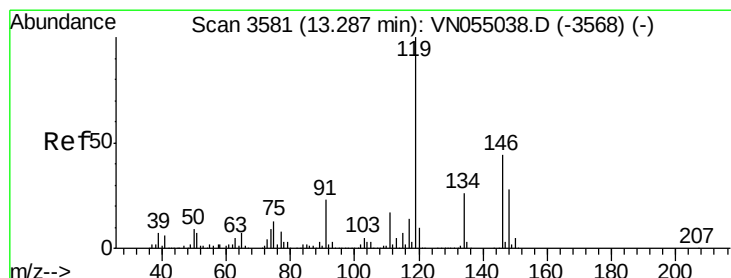
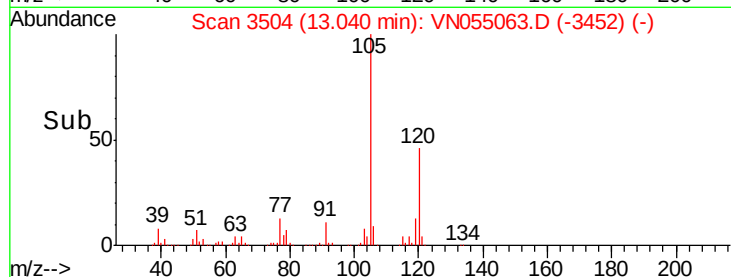
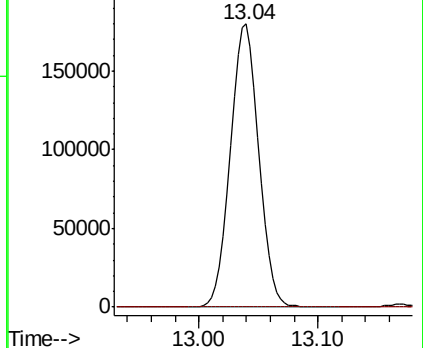
105 100

134 0.1 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.316 ug/l

RT: 13.24 min Scan# 3565

Delta R.T. -0.05 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

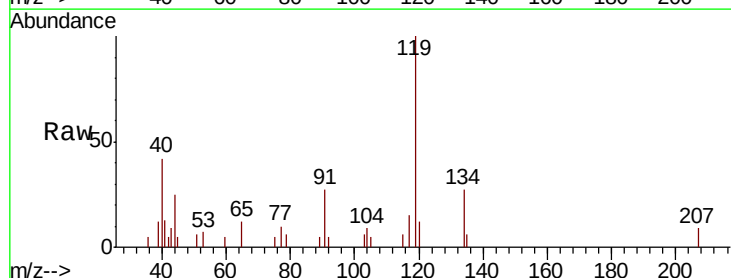
Tgt Ion:119 Resp: 5254

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

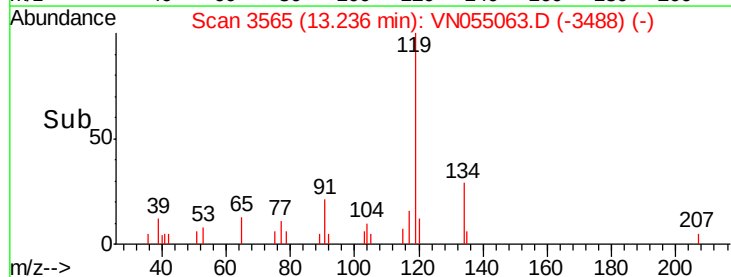
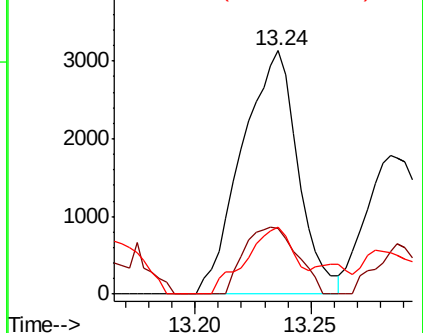
91 24.1 11.7 35.1

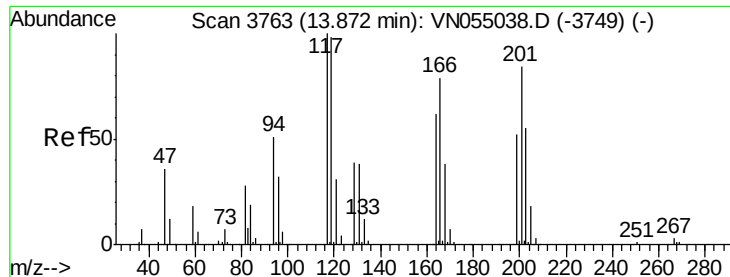


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#90

Hexachloroethane

Concen: 0.633 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampled :

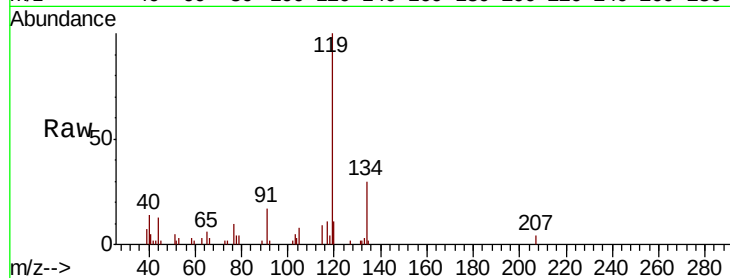
TP-11-D

Tot Ion:117 Resp: 1714

Ion Ratio Lower Upper

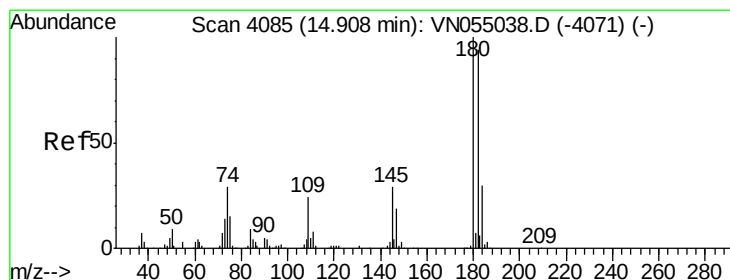
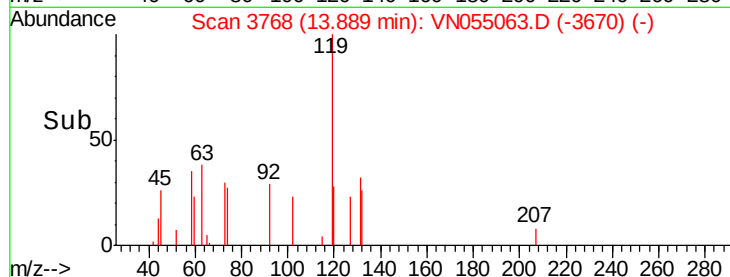
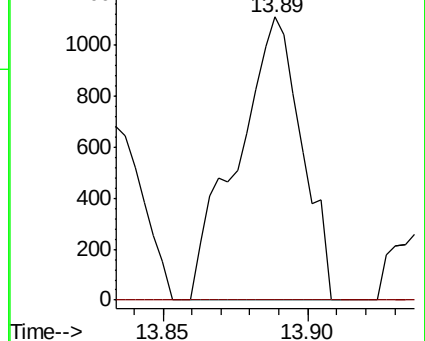
117 100

201 0.0 43.4 130.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.705 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

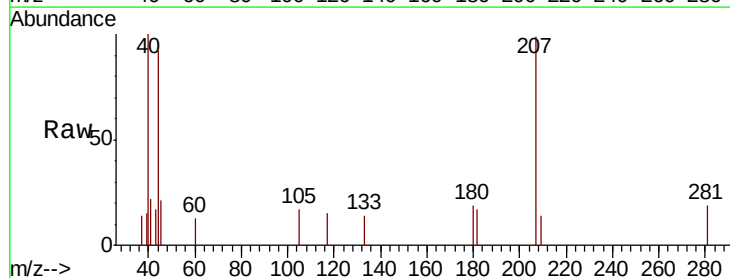
Tgt Ion:180 Resp: 115

Ion Ratio Lower Upper

180 100

182 142.6 47.5 142.6

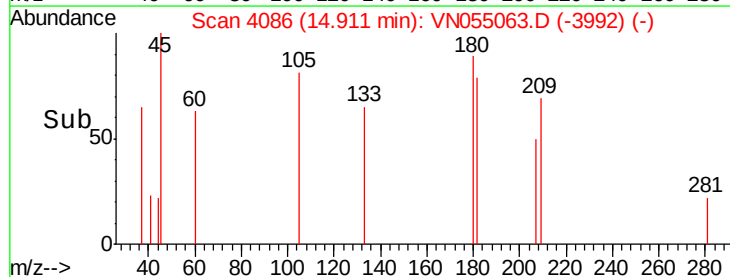
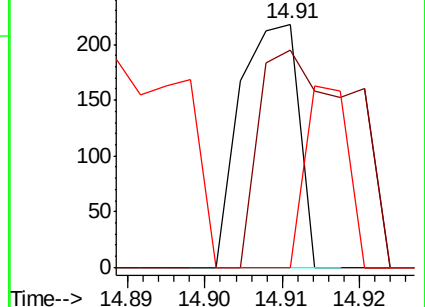
145 53.9 14.2 42.8#

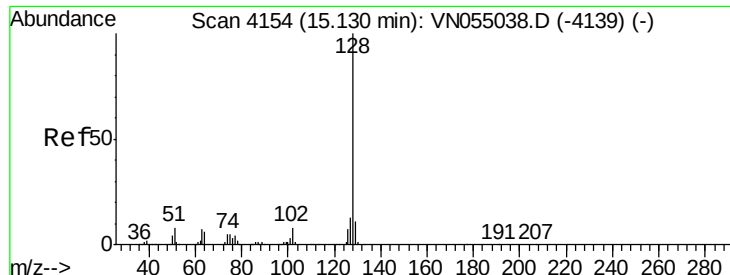


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.717 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

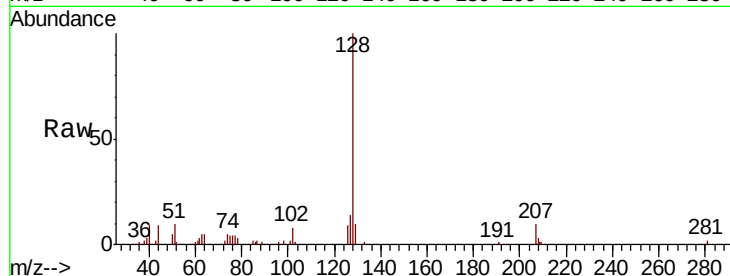
Tot Ion:128 Resp: 25391

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 10.9 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

