

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055085.D
 Acq On : 16 Apr 2019 18:12
 Operator : JC/SP
 Sample : K2203-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-041519-A

Quant Time: Apr 17 01:40:37 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	510855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	828911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	696719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	236084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	327475	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	7.59	113	263220	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	10.09	98	986288	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	293342	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	

Target Compounds

						Qvalue
13) Acrolein	3.62	56	169	0.367	ug/l #	79
14) Allyl chloride	4.54	41	33615	3.387	ug/l #	28
16) Acetone	3.82	43	14099	7.650	ug/l	97
17) Carbon Disulfide	4.04	76	2649	0.202	ug/l #	77
20) Methylene Chloride	4.54	84	740041	114.221	ug/l	95
25) 2-Butanone	6.85	43	1505	0.547	ug/l	92
29) Tetrahydrofuran	7.22	42	713	0.395	ug/l #	69
30) Chloroform	7.37	83	5194	0.492	ug/l	97
31) Cyclohexane	7.67	56	11205	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	38666	4.948	ug/l #	49
38) Carbon Tetrachloride	7.66	117	47760	6.424	ug/l #	17
43) Isopropyl Acetate	8.17	43	11927	1.217	ug/l #	94
48) Methyl methacrylate	9.18	41	6649	1.369	ug/l #	27
49) 1,4-Dioxane	9.28	88	29	0.637	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5674	1.002	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	42265	5.056	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	6773	0.765	ug/l #	43
59) 2-Hexanone	10.76	43	107711	30.282	ug/l #	55
67) Ethyl Benzene	11.51	91	23770	0.949	ug/l	91
68) m/p-Xylenes	11.62	106	41618	4.589	ug/l	99
69) o-Xylene	11.95	106	17299	1.969	ug/l	94
74) N-amyl acetate	12.07	43	1436	0.244	ug/l #	80
76) 1,2,3-Trichloropropane	12.40	75	147785	34.811	ug/l #	100
78) n-propylbenzene	12.59	91	8348	0.369	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	25022	1.480	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	147785	139.204	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	112560	7.025	ug/l	99
85) sec-Butylbenzene	13.04	105	112560	6.187	ug/l #	57
88) 1,4-Dichlorobenzene	13.37	146	1790	0.236	ug/l #	70
89) n-Butylbenzene	13.61	91	3284	0.283	ug/l #	73
90) Hexachloroethane	13.88	117	789	0.311	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.91	180	1463	3.060	ug/l	94
94) Hexachlorobutadiene	15.01	225	1032	0.418	ug/l #	73
95) Naphthalene	15.13	128	15347	4.780	ug/l	98

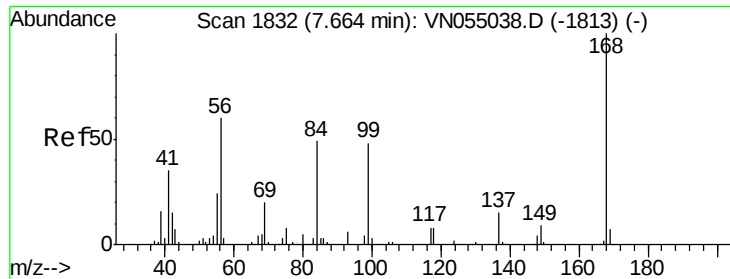
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
Data File : VN055085.D
Acq On : 16 Apr 2019 18:12
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	2128	0.691	ug/l	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

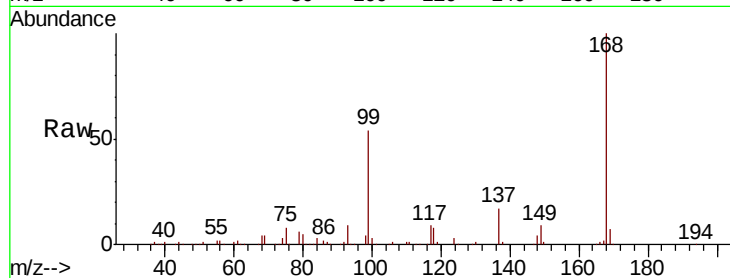
SU-01-041519-A

Tot Ion:168 Resp: 510855

Ion Ratio Lower Upper

168 100

99 54.3 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

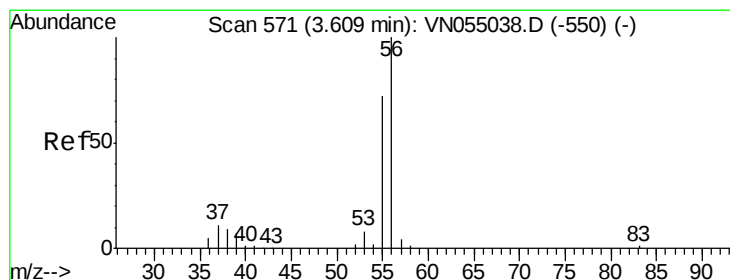
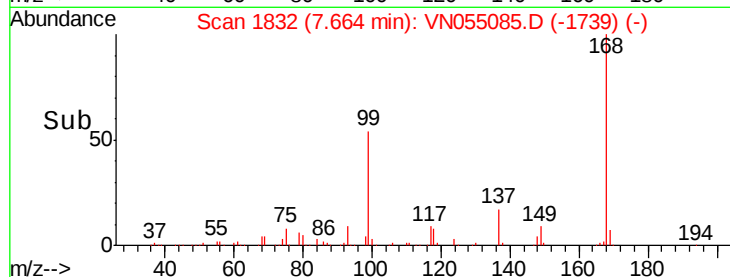
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.367 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN055085.D

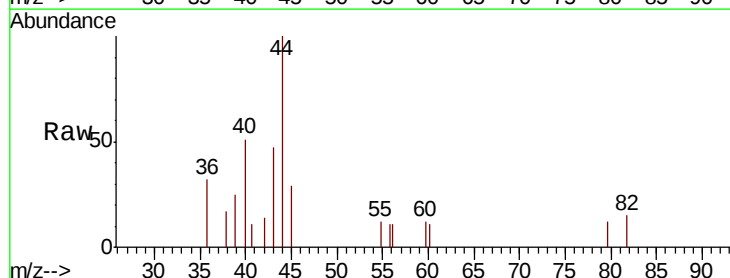
Acq: 16 Apr 2019 18:12

Tgt Ion: 56 Resp: 169

Ion Ratio Lower Upper

56 100

55 56.8 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.62

400

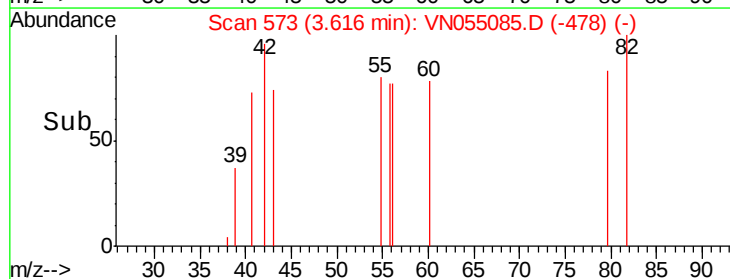
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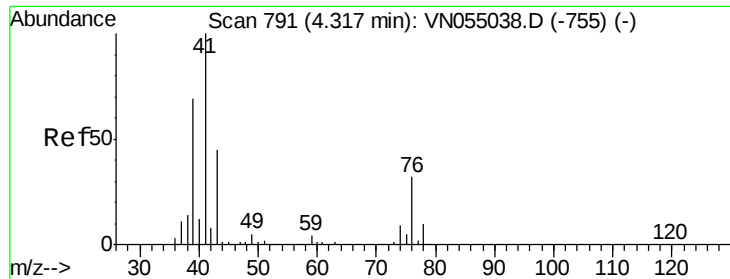
200

100

0

Time-->





#14

Allvl chloride

Concen: 3.387 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.23 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-A

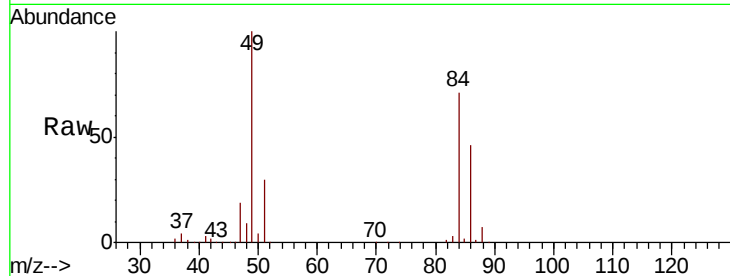
Tot Ion: 41 Resp: 33615

Ion Ratio Lower Upper

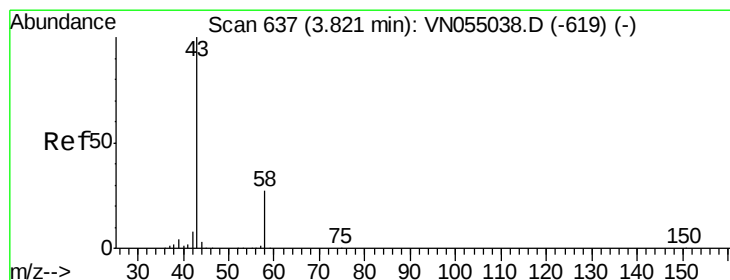
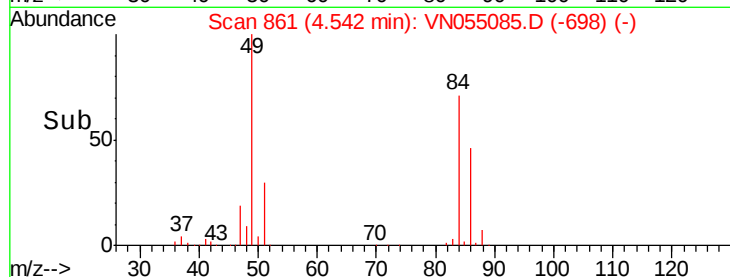
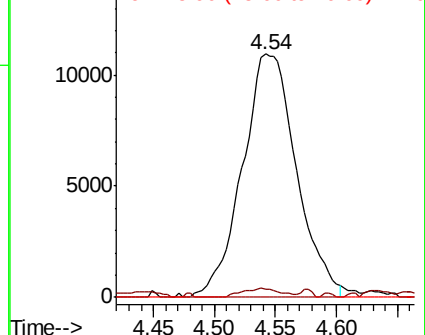
41 100

39 2.6 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: 7.650 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055085.D

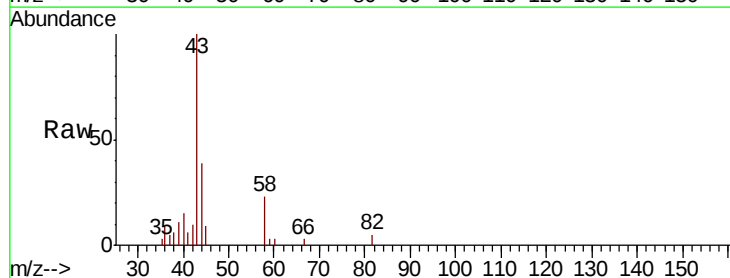
Acq: 16 Apr 2019 18:12

Tgt Ion: 43 Resp: 14099

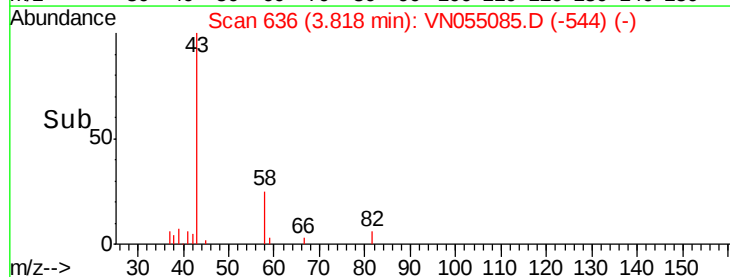
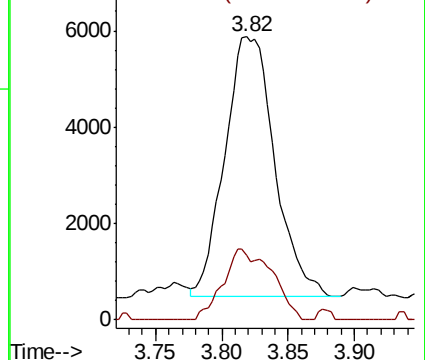
Ion Ratio Lower Upper

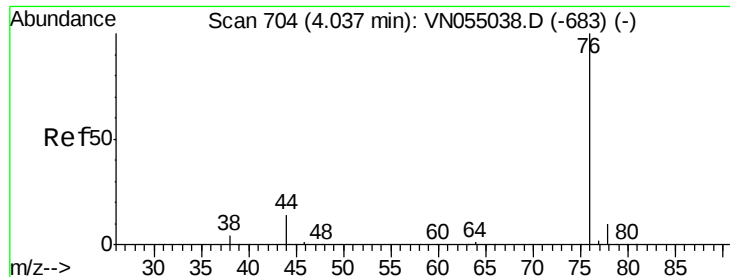
43 100

58 24.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.202 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

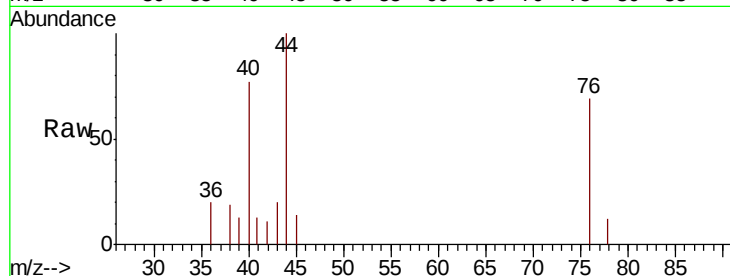
SU-01-041519-A

Tot Ion: 76 Resp: 2649

Ion Ratio Lower Upper

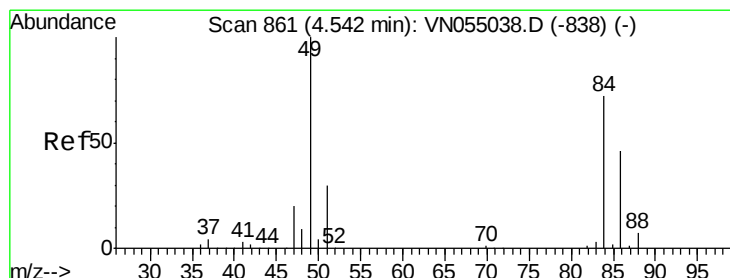
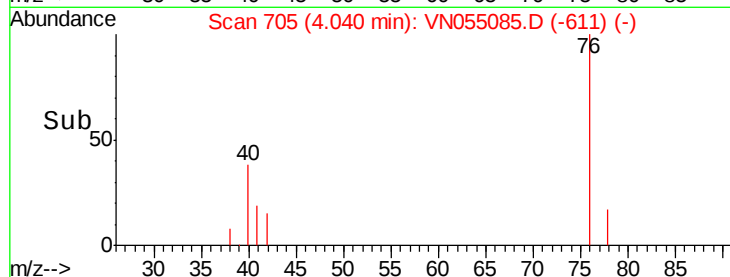
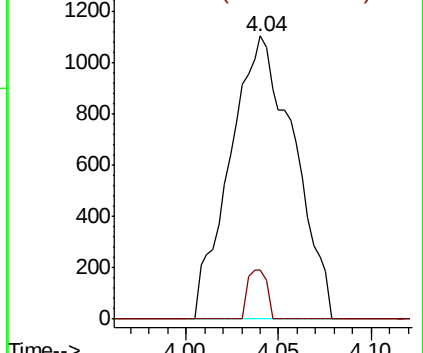
76 100

78 17.2 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#20

Methylene Chloride

Concen: 114.221 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Tgt Ion: 84 Resp: 740041

Ion Ratio Lower Upper

84 100

49 142.3 109.4 164.2

51 43.0 32.2 48.4

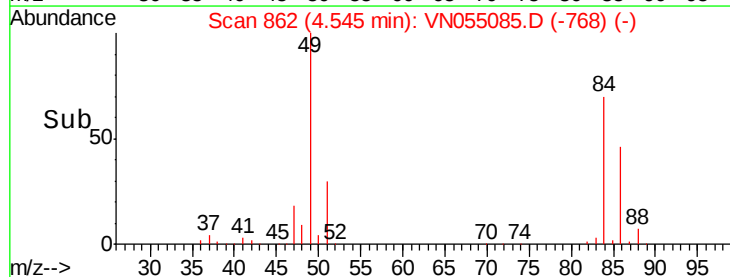
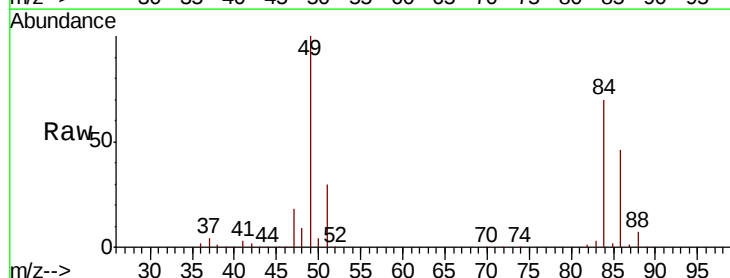
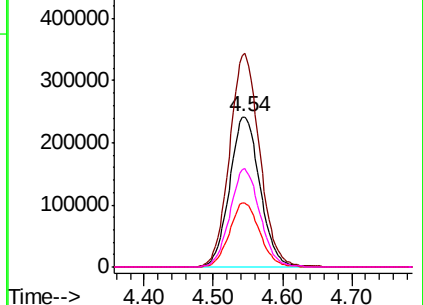
86 65.4 49.3 73.9

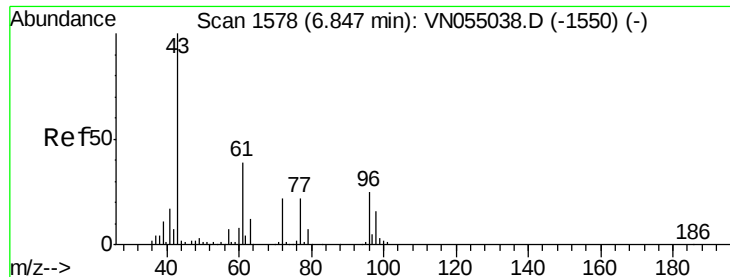
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

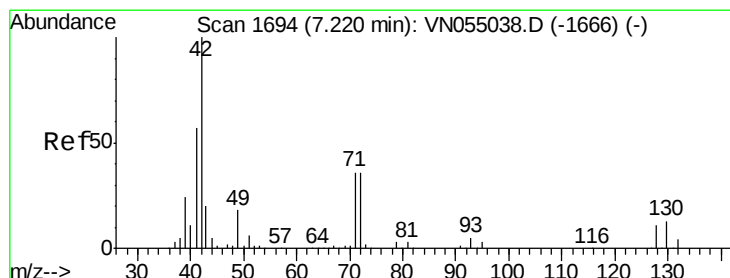
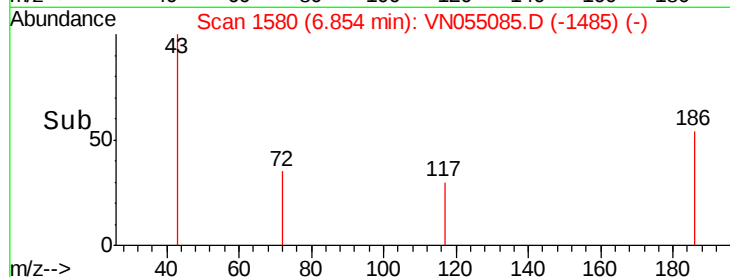
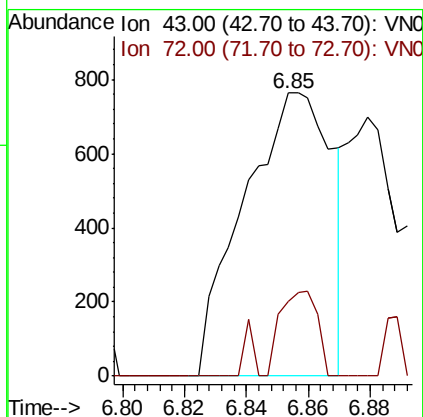
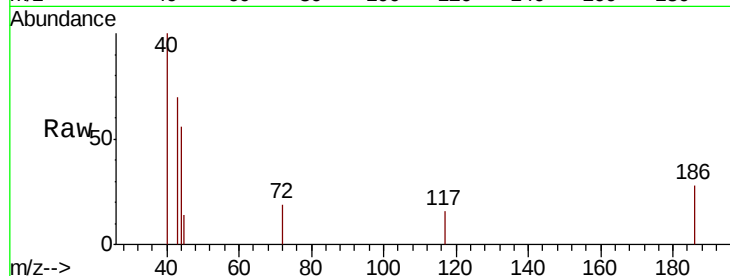




#25
2-Butanone
Concen: 0.547 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN055085.D
Acq: 16 Apr 2019 18:12

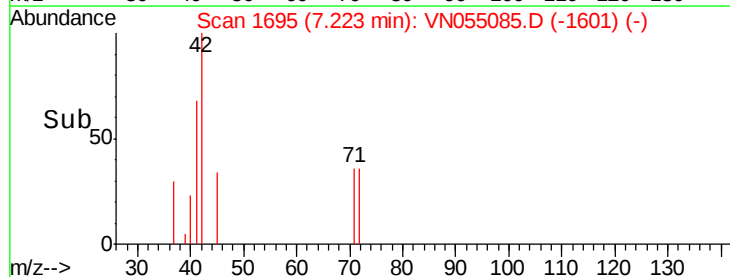
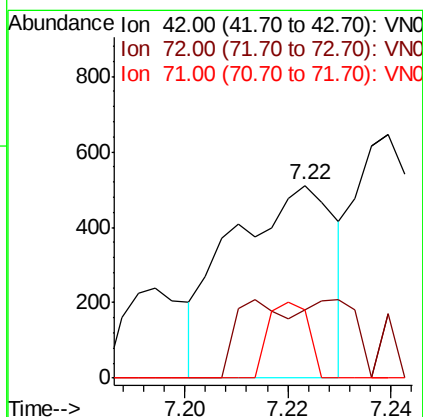
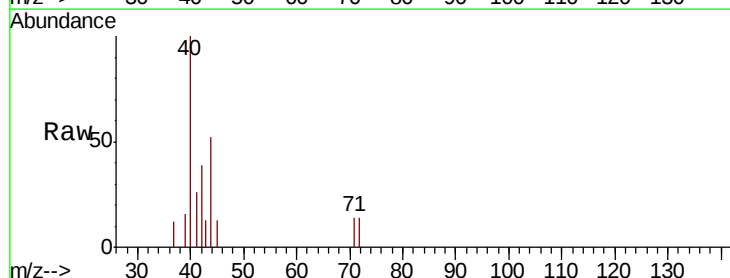
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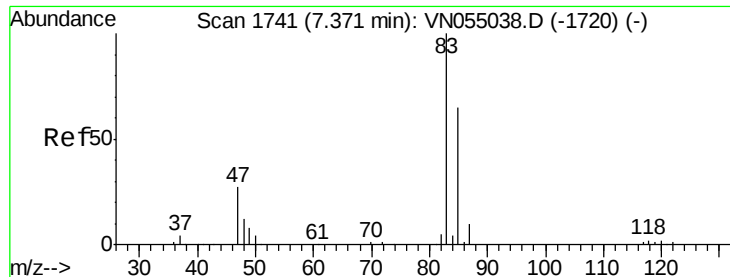
Tot Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
72 26.6 18.1 27.1



#29
Tetrahydrofuran
Concen: 0.395 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN055085.D
Acq: 16 Apr 2019 18:12

Tgt Ion: 42 Resp: 713
Ion Ratio Lower Upper
42 100
72 19.8 29.4 44.0#
71 15.3 27.8 41.6#

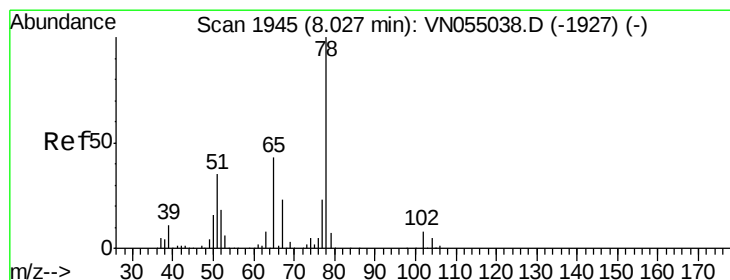
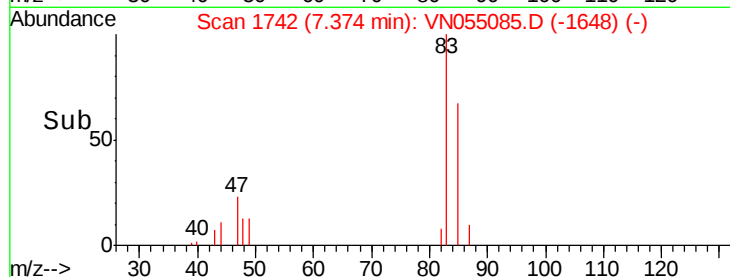
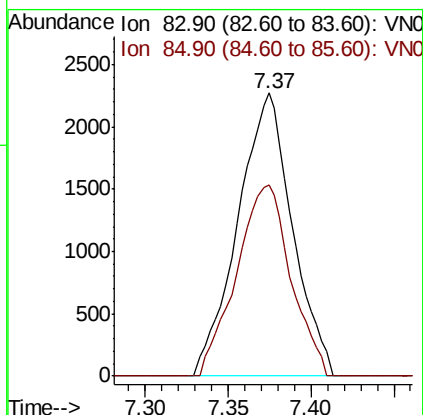
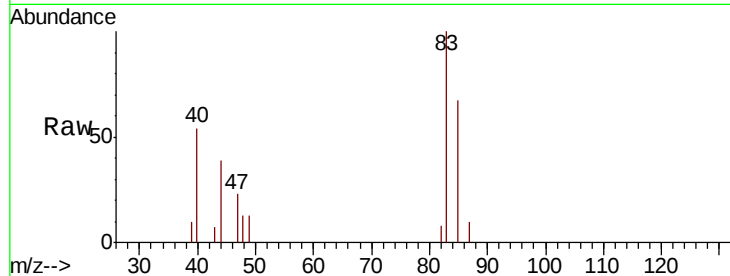




#30
Chloroform
Concen: 0.492 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055085.D
Acq: 16 Apr 2019 18:12

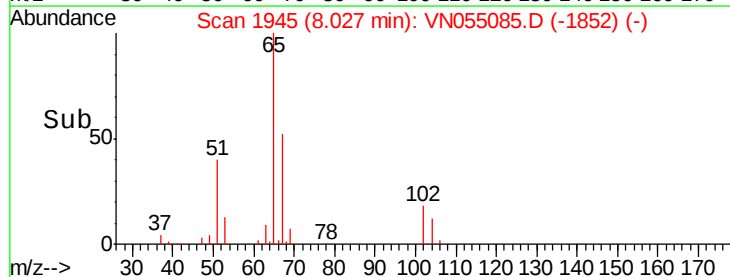
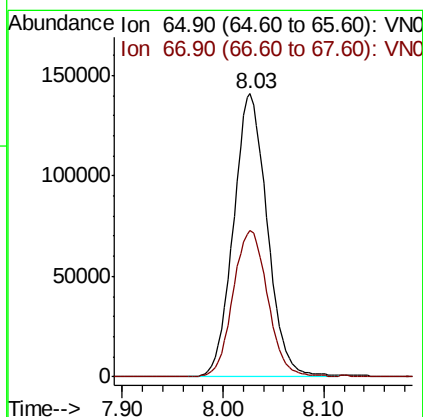
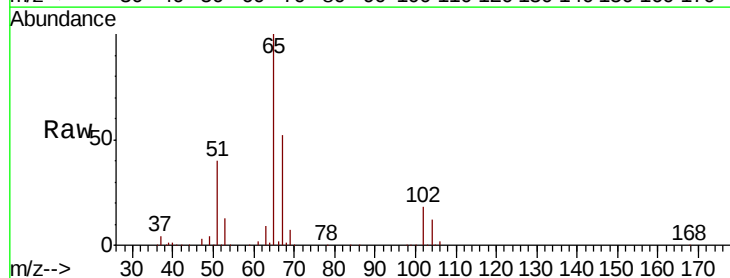
Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-A

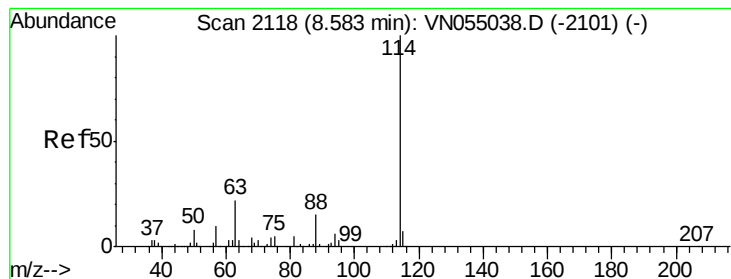
Tot Ion: 83 Resp: 5194
Ion Ratio Lower Upper
83 100
85 67.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 48.225 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055085.D
Acq: 16 Apr 2019 18:12

Tgt Ion: 65 Resp: 327475
Ion Ratio Lower Upper
65 100
67 53.2 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: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-A

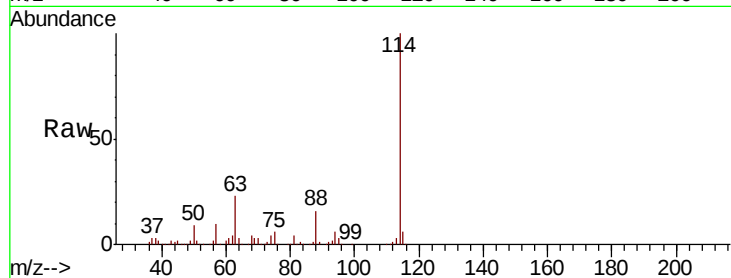
Tot Ion:114 Resp: 828911

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

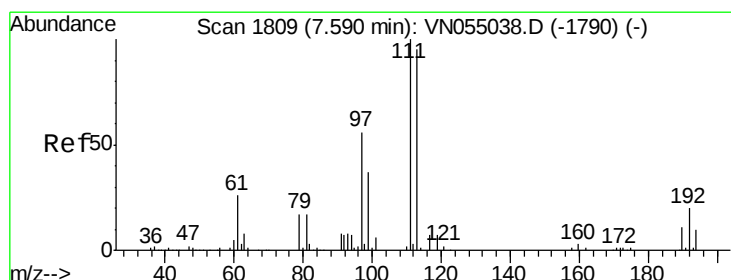
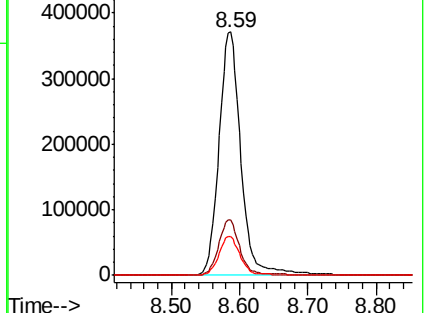
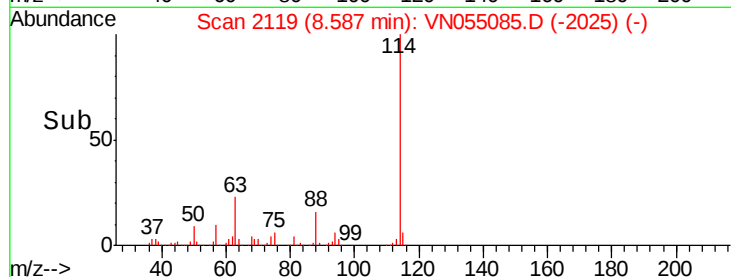
88 15.9 0.0 31.8



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: 47.515 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

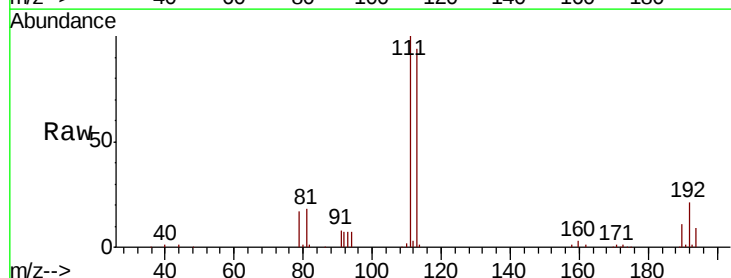
Tgt Ion:113 Resp: 263220

Ion Ratio Lower Upper

113 100

111 105.6 82.1 123.1

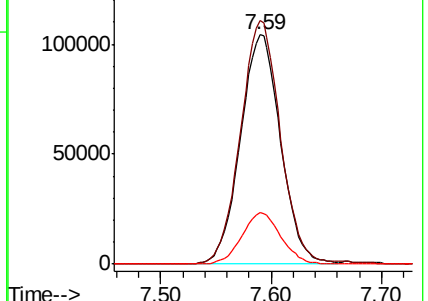
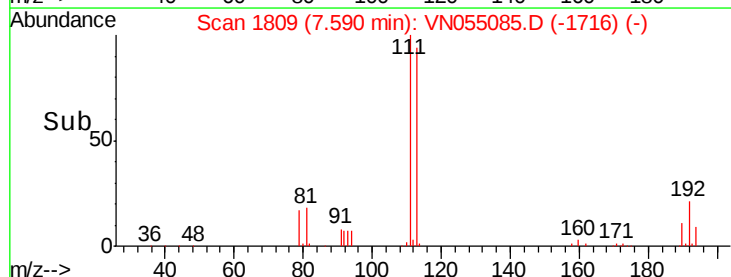
192 21.9 16.5 24.7

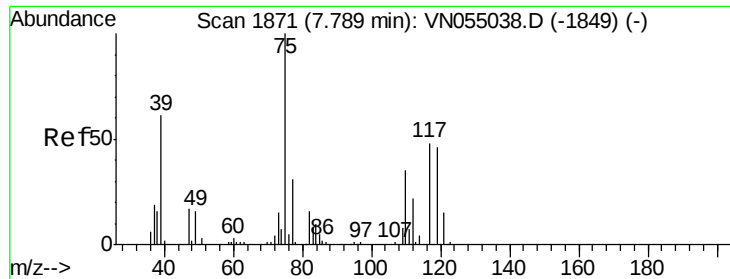


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

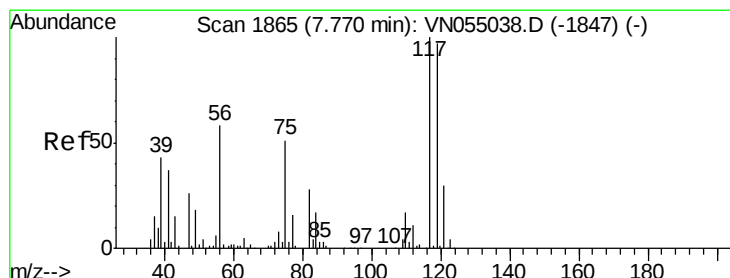
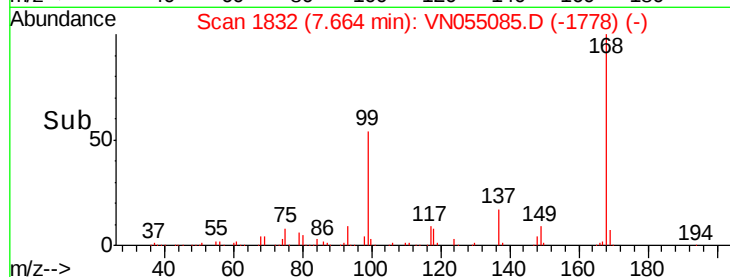
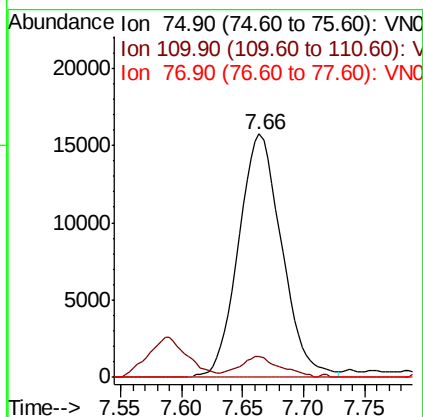
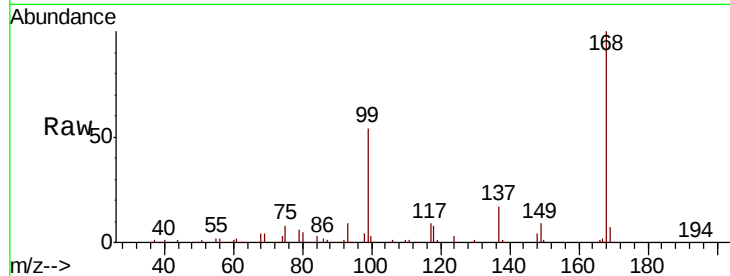




#36
 1,1-Dichloropropene
 Concen: 4.948 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055085.D
 Acq: 16 Apr 2019 18:12

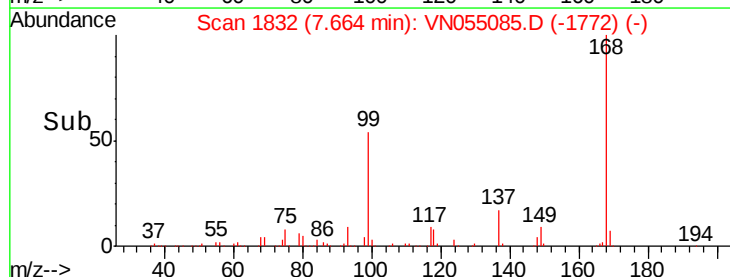
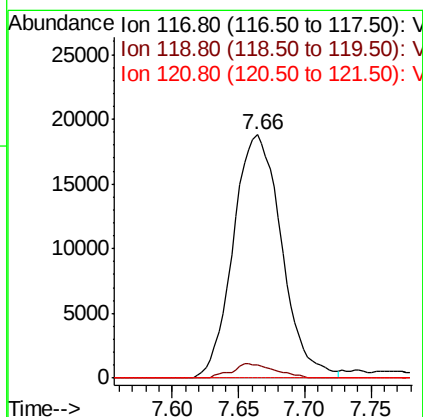
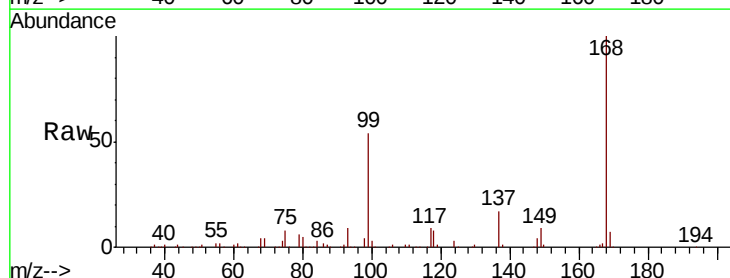
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-041519-A

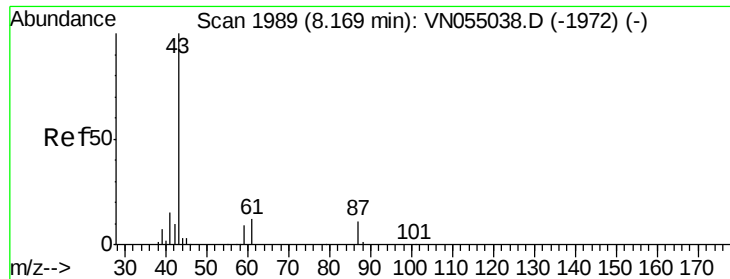
Tot Ion	75	Resp	38666
Ion Ratio	100	Lower	Upper
75	100		
110	8.1	17.5	52.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.424 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055085.D
 Acq: 16 Apr 2019 18:12

Tgt Ion	117	Resp	47760
Ion Ratio	100	Lower	Upper
117	100		
119	5.6	76.3	114.5#
121	0.0	23.9	35.9#





#43

Isopropyl Acetate

Concen: 1.217 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-A

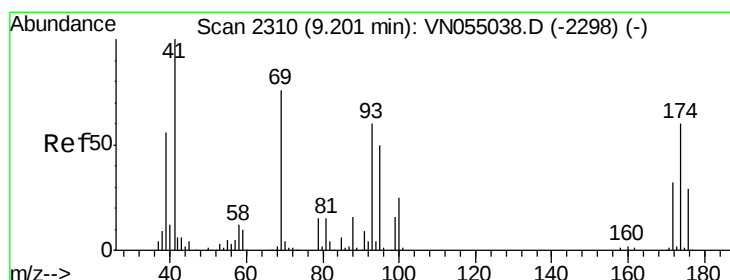
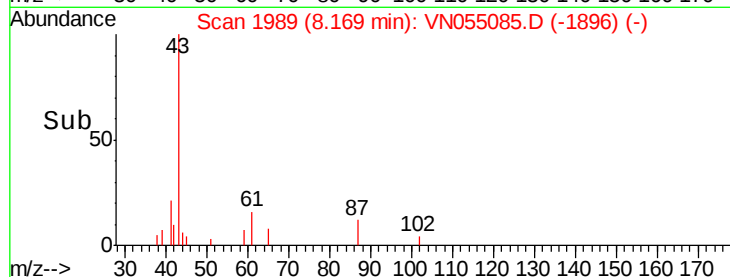
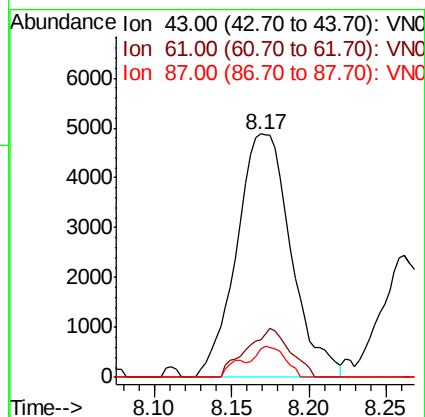
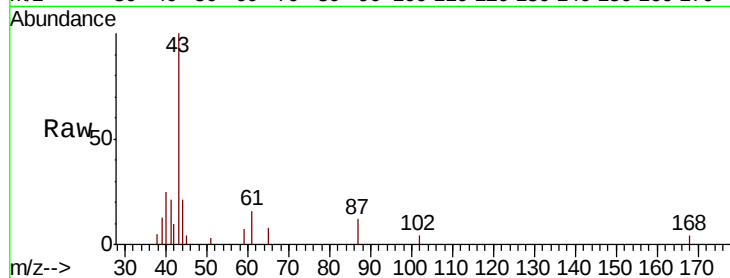
Tot Ion: 43 Resp: 11927

Ion Ratio Lower Upper

43 100

61 16.2 14.3 21.5

87 7.2 8.6 13.0#



#48

Methyl methacrylate

Concen: 1.369 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

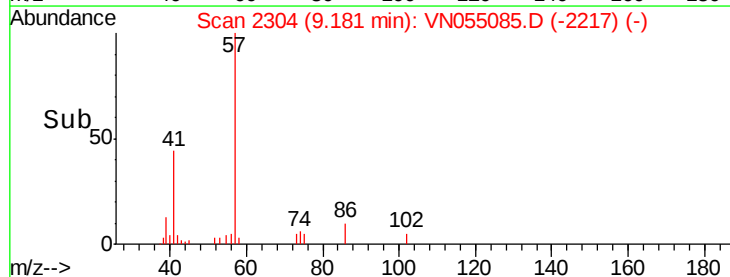
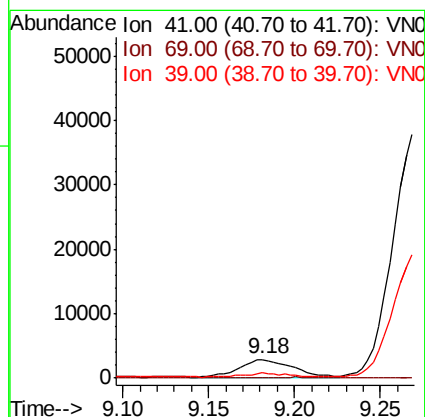
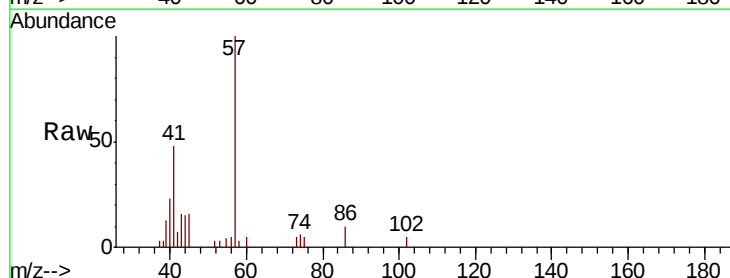
Tgt Ion: 41 Resp: 6649

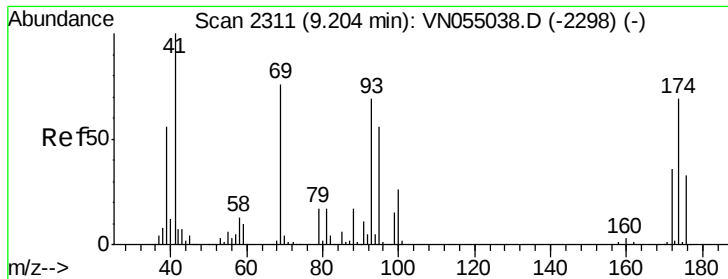
Ion Ratio Lower Upper

41 100

69 0.9 60.5 90.7#

39 16.7 43.9 65.9#





#49

1,4-Dioxane

Concen: 0.637 ug/l

RT: 9.28 min Scan# 2336

Delta R.T. 0.08 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-A

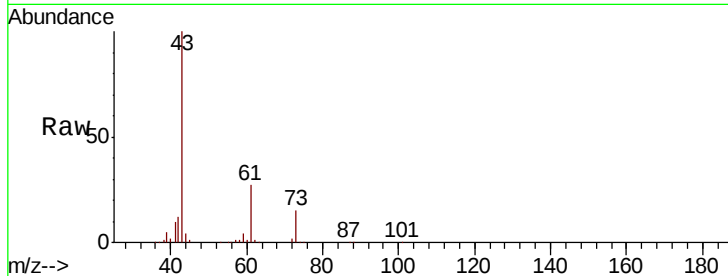
Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 2545724.1 31.8 47.8#

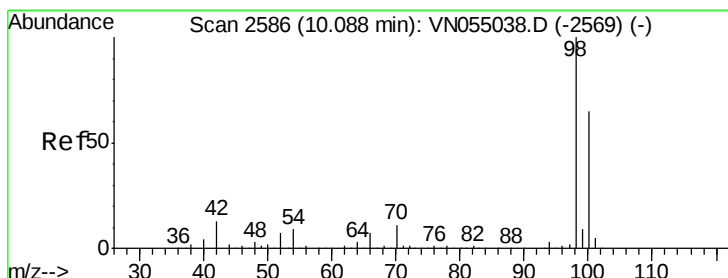
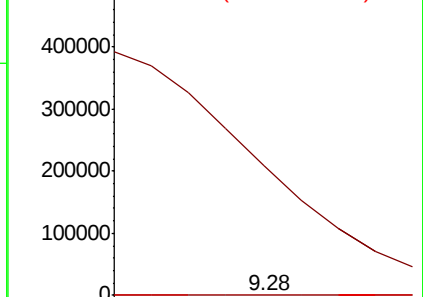
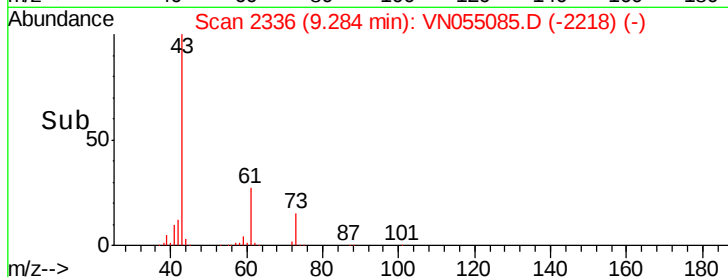
58 12369.0 61.6 92.4#



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: 49.745 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055085.D

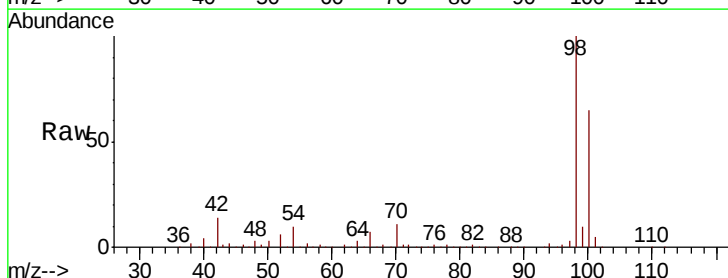
Acq: 16 Apr 2019 18:12

Tgt Ion: 98 Resp: 986288

Ion Ratio Lower Upper

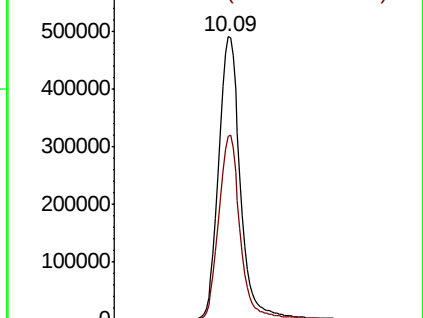
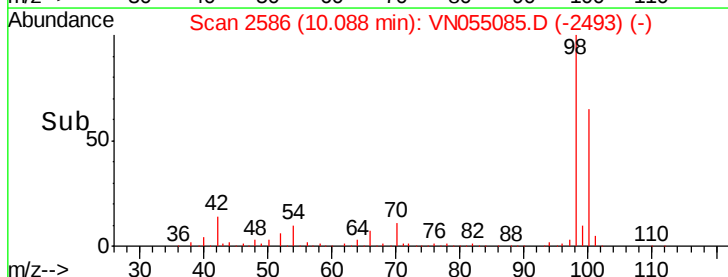
98 100

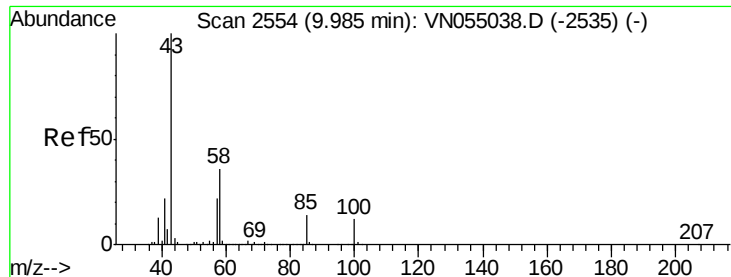
100 64.7 51.1 76.7



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: 1.002 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

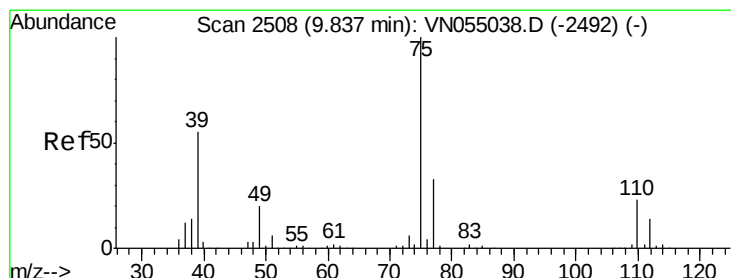
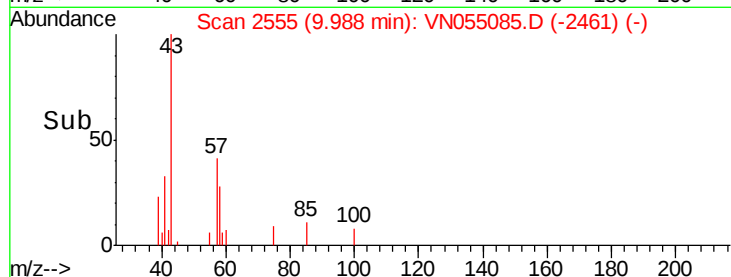
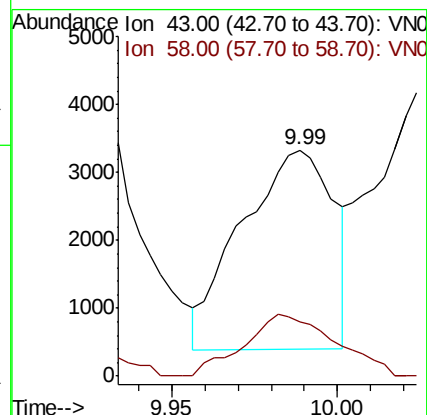
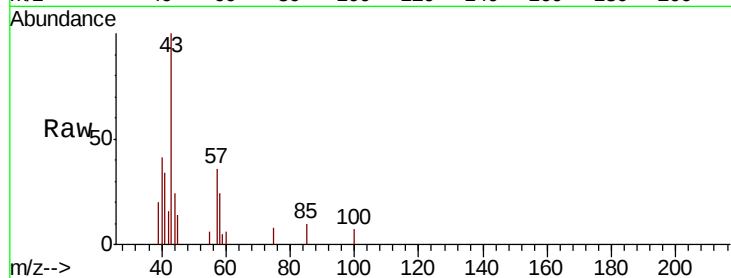
SU-01-041519-A

Tot Ion: 43 Resp: 5674

Ion Ratio Lower Upper

43 100

58 30.9 29.0 43.4



#54

cis-1,3-Dichloropropene

Concen: 5.056 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

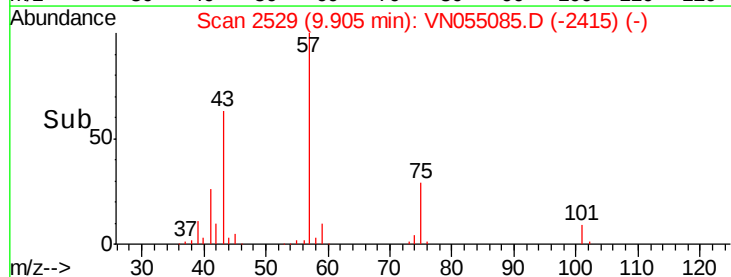
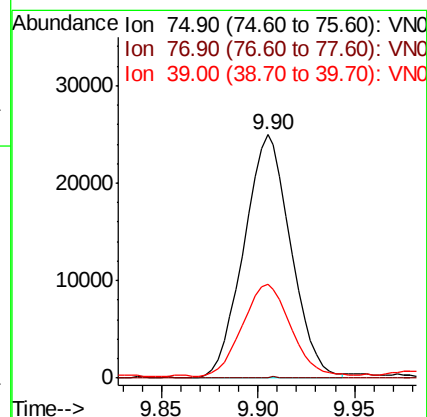
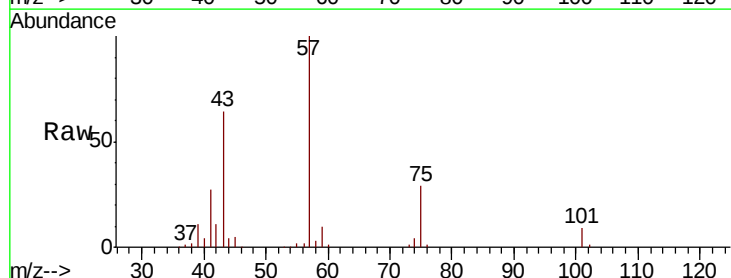
Tgt Ion: 75 Resp: 42265

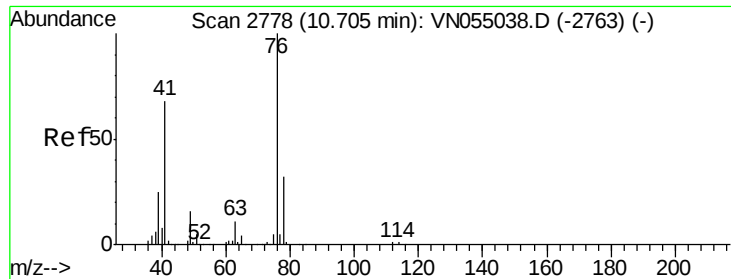
Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

39 37.8 43.8 65.8#





#57

1,3-Dichloropropane

Concen: 0.765 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

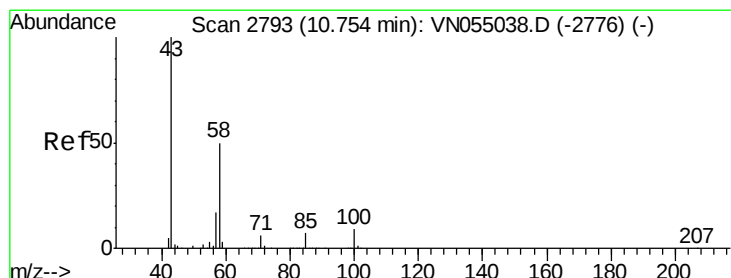
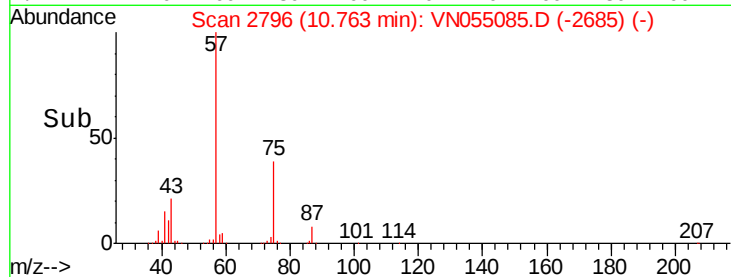
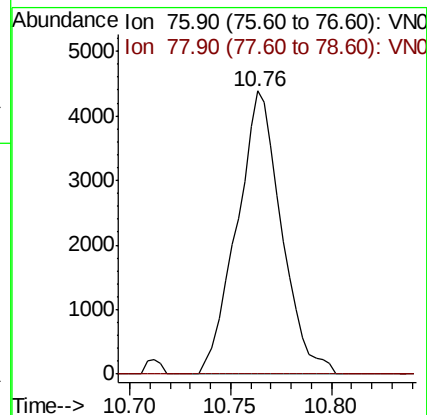
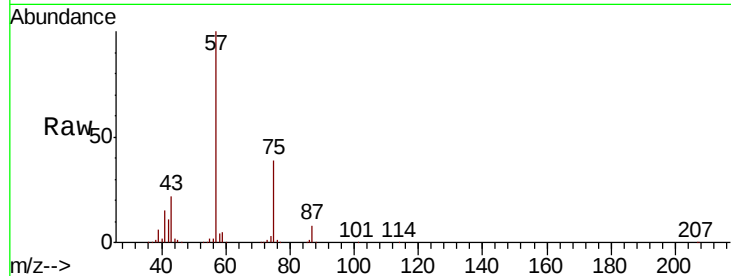
SU-01-041519-A

Tot Ion: 76 Resp: 6773

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 30.282 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055085.D

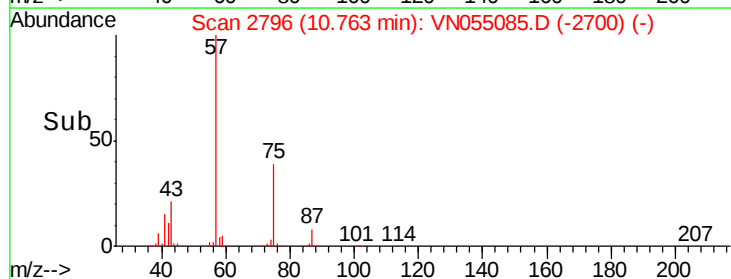
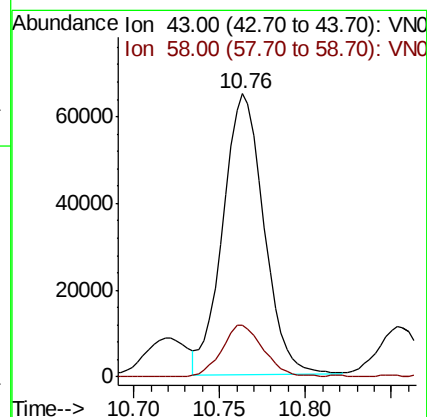
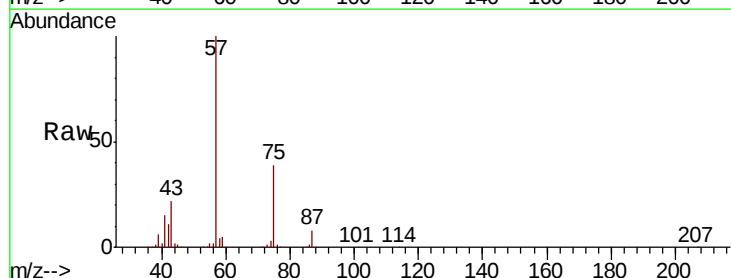
Acq: 16 Apr 2019 18:12

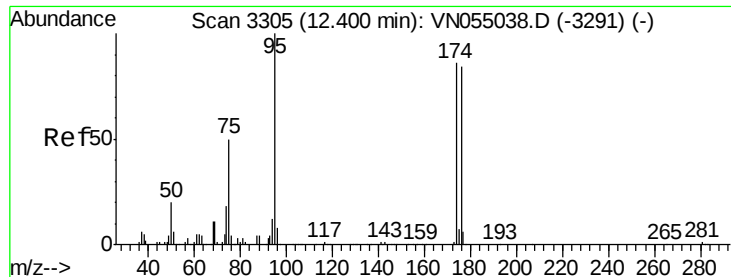
Tgt Ion: 43 Resp: 107711

Ion Ratio Lower Upper

43 100

58 18.8 25.1 75.2#





#62

4-Bromofluorobenzene

Concen: 45.510 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-A

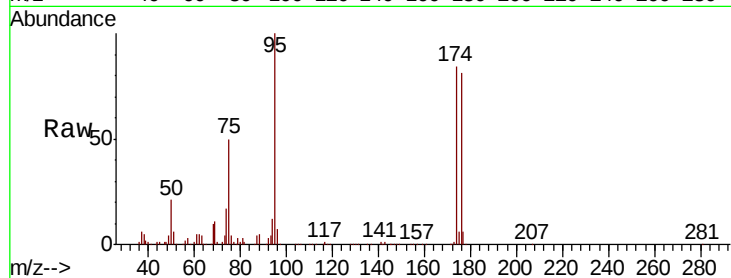
Tot Ion: 95 Resp: 293342

Ion Ratio Lower Upper

95 100

174 84.6 0.0 174.4

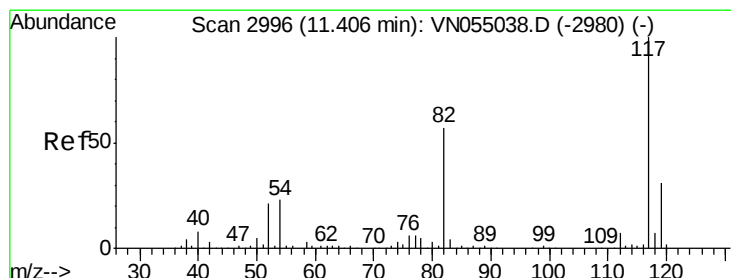
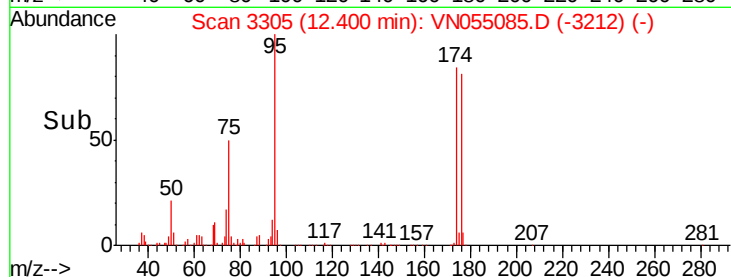
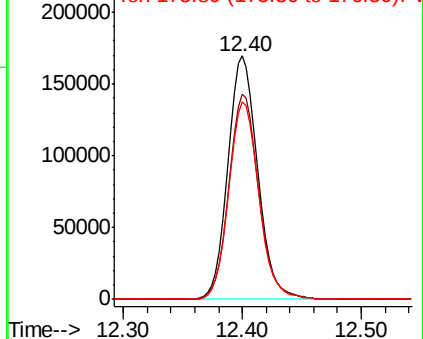
176 82.1 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055085.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055085.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055085.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

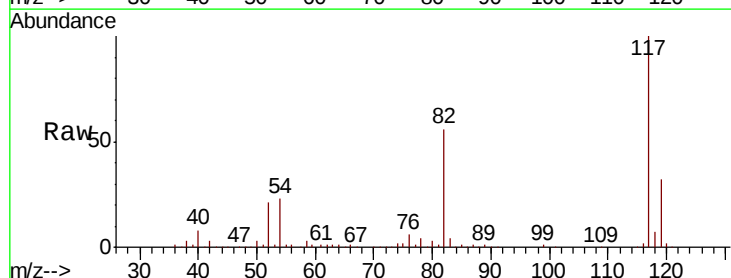
Tgt Ion: 117 Resp: 696719

Ion Ratio Lower Upper

117 100

82 56.2 44.6 66.8

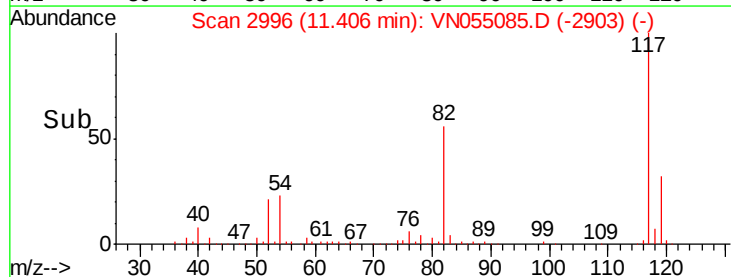
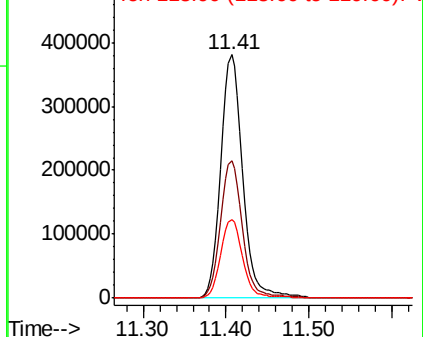
119 32.4 25.5 38.3

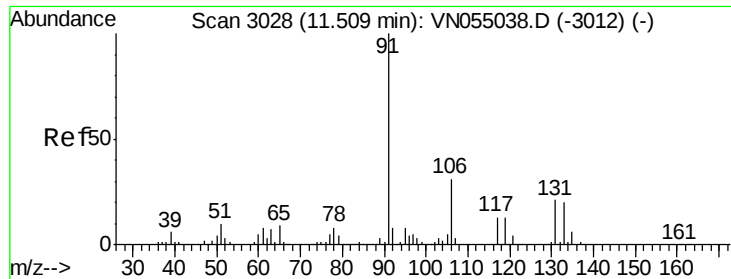


Abundance Ion 116.90 (116.60 to 117.60): VN055085.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055085.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055085.D (-2903) (-)

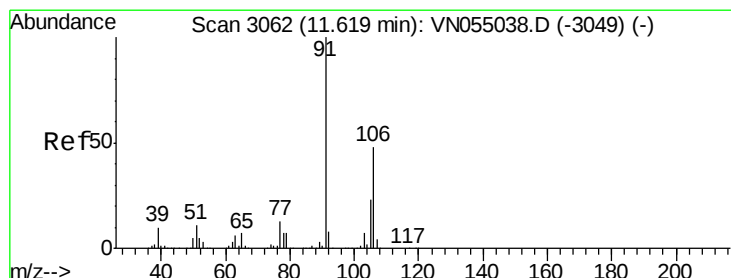
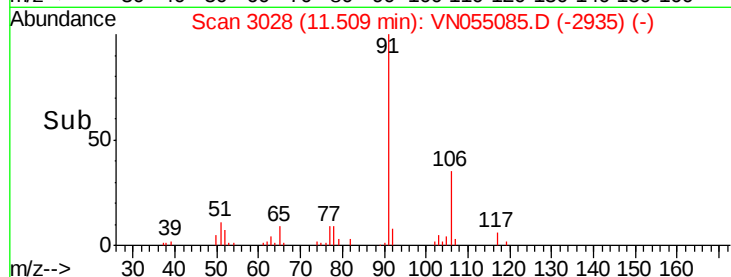
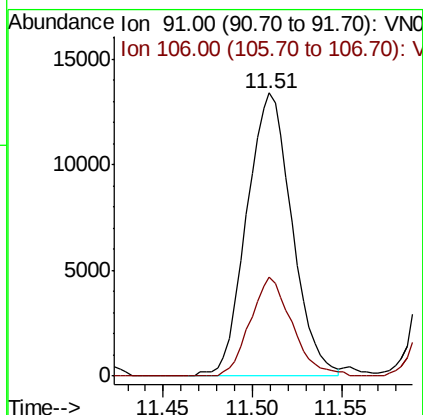
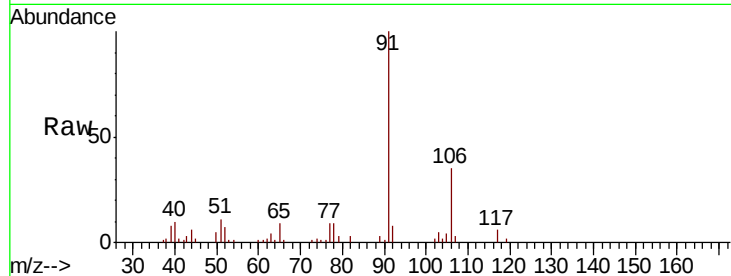




#67
Ethyl Benzene
Concen: 0.949 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055085.D
Acq: 16 Apr 2019 18:12

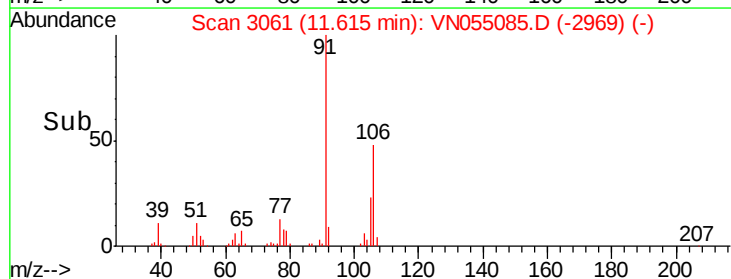
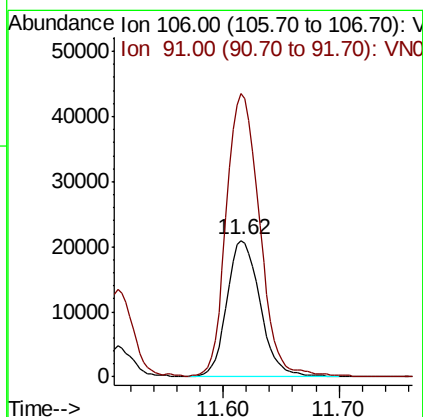
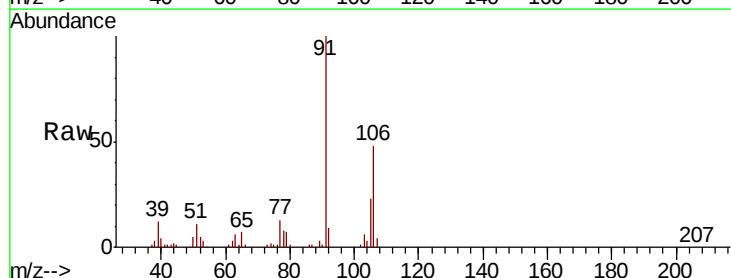
Instrument :
MSVOA_N
ClientSampled :
SU-01-041519-A

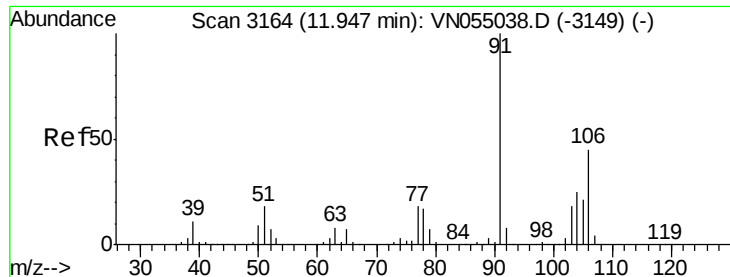
Tot Ion: 91 Resp: 23770
Ion Ratio Lower Upper
91 100
106 35.1 24.3 36.5



#68
m/p-Xylenes
Concen: 4.589 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055085.D
Acq: 16 Apr 2019 18:12

Tgt Ion: 106 Resp: 41618
Ion Ratio Lower Upper
106 100
91 208.5 165.9 248.9

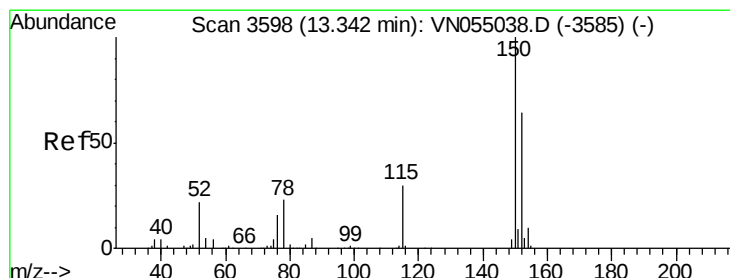
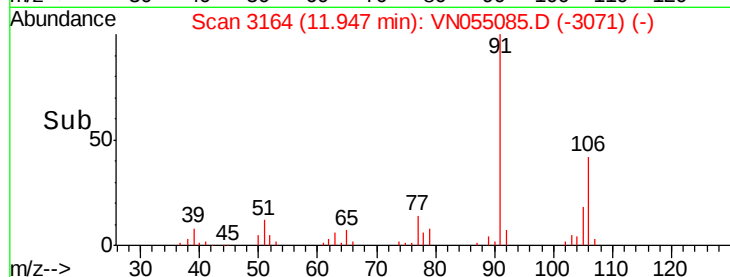
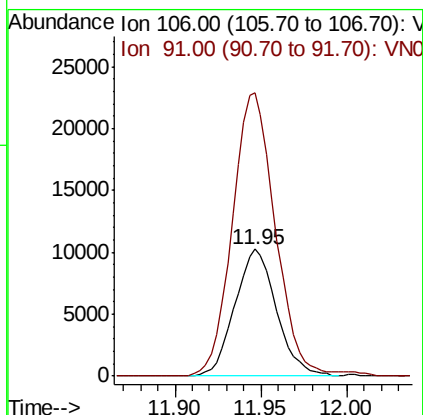
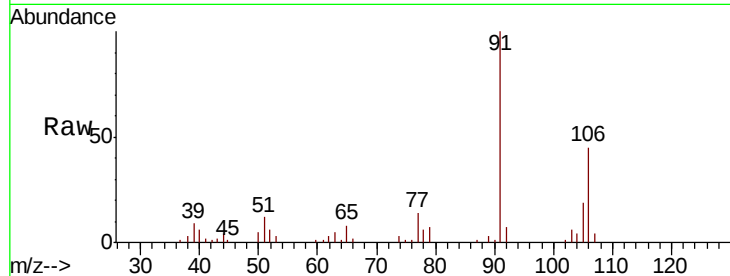




#69
o-Xylene
Concen: 1.969 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055085.D
Acq: 16 Apr 2019 18:12

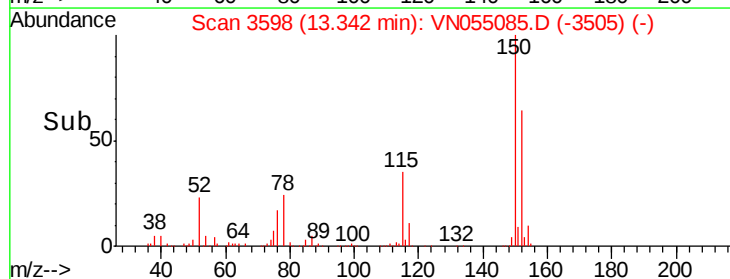
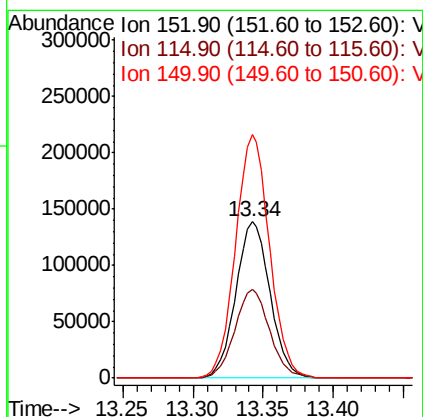
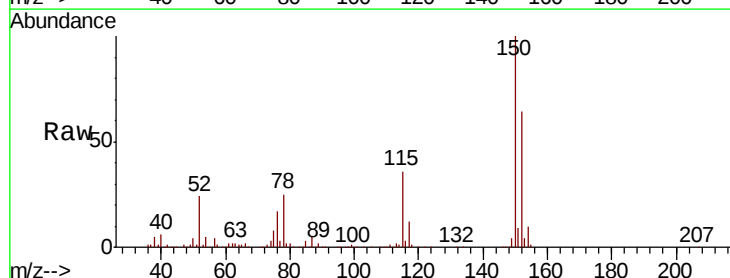
Instrument :
MSVOA_N
ClientSampled :
SU-01-041519-A

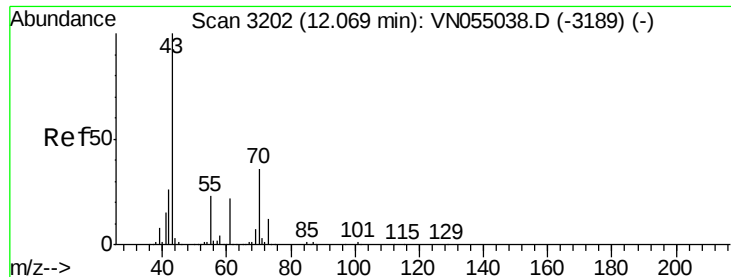
Tot Ion:106 Resp: 17299
Ion Ratio Lower Upper
106 100
91 229.0 109.9 329.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055085.D
Acq: 16 Apr 2019 18:12

Tgt Ion:152 Resp: 236084
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.6
150 154.3 0.0 347.2





#74

N-amvl acetate

Concen: 0.244 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-A

Tot Ion: 43 Resp: 1436

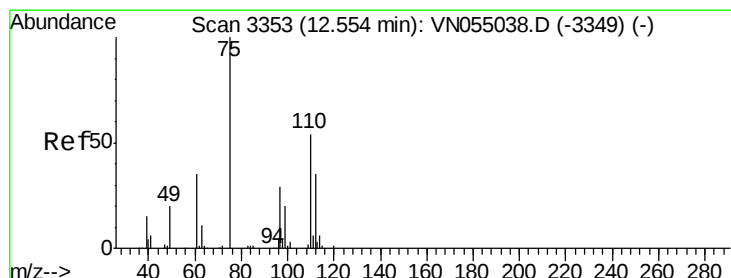
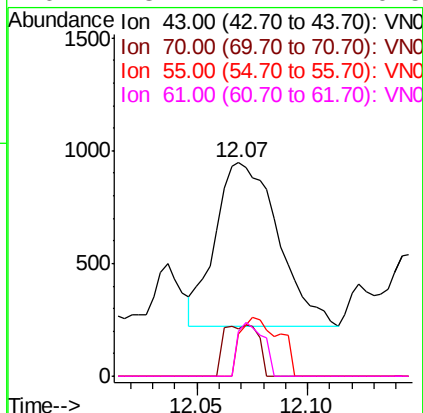
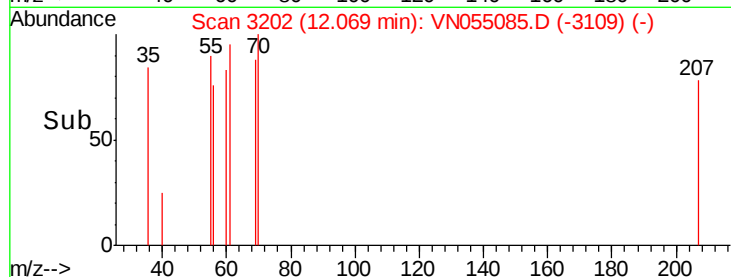
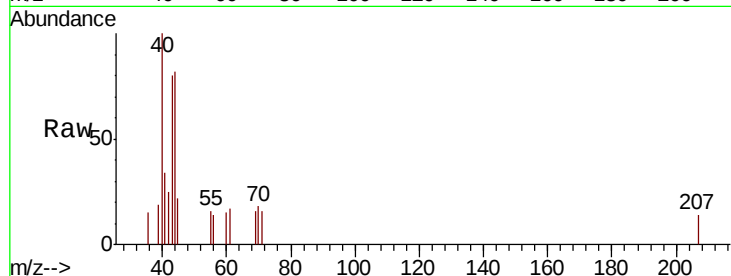
Ion Ratio Lower Upper

43 100

70 17.1 29.4 44.0#

55 22.5 19.0 28.4

61 13.4 17.7 26.5#



#76

1,2,3-Trichloropropane

Concen: 34.811 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055085.D

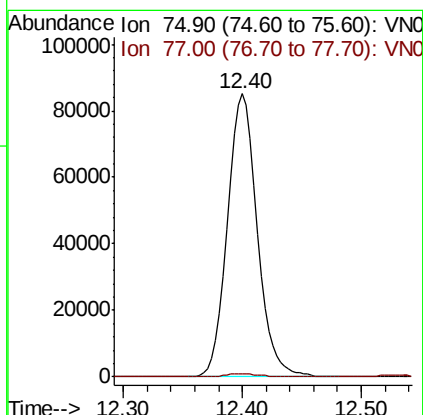
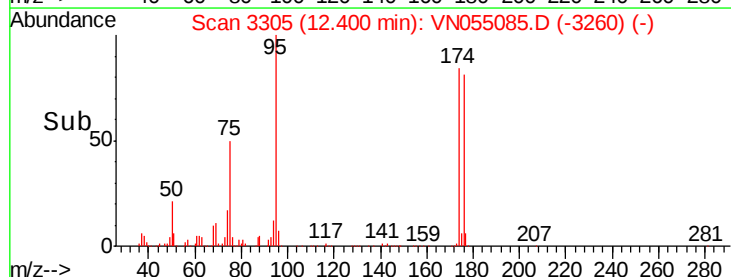
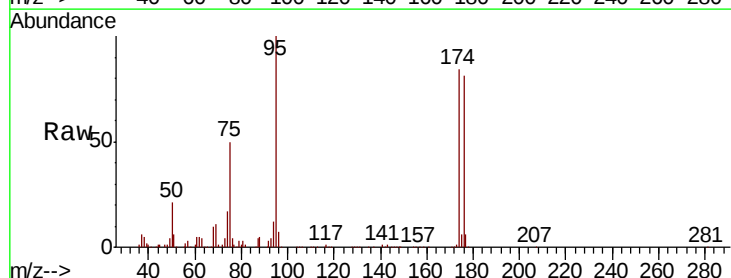
Acq: 16 Apr 2019 18:12

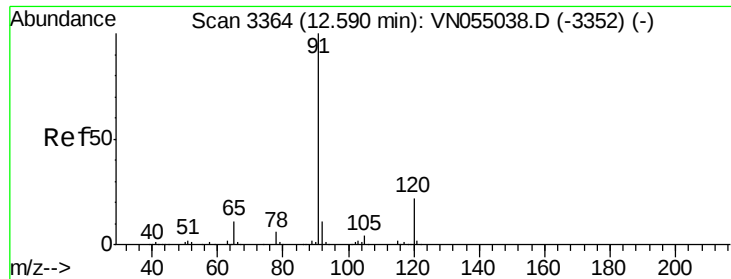
Tgt Ion: 75 Resp: 147785

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 0.369 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

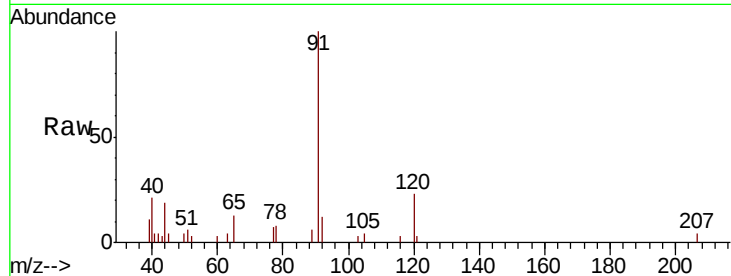
SU-01-041519-A

Tot Ion: 91 Resp: 8348

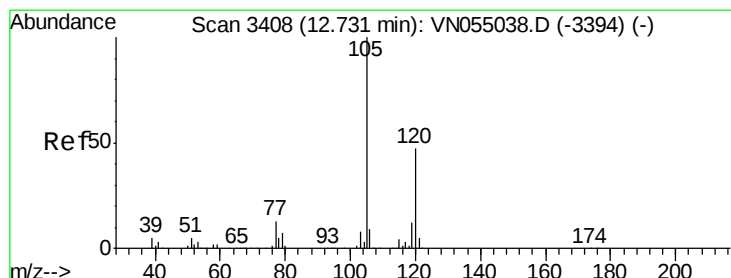
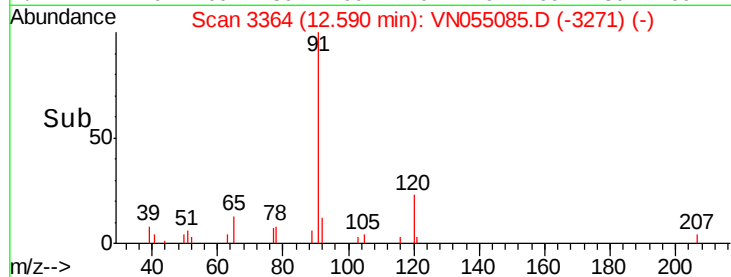
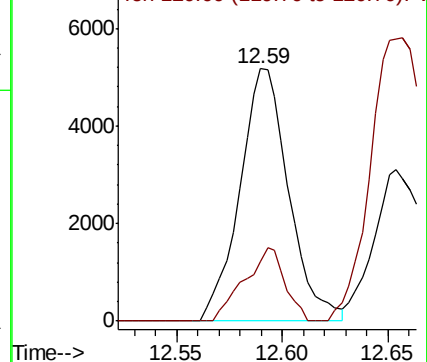
Ion Ratio Lower Upper

91 100

120 24.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN055038.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.480 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055085.D

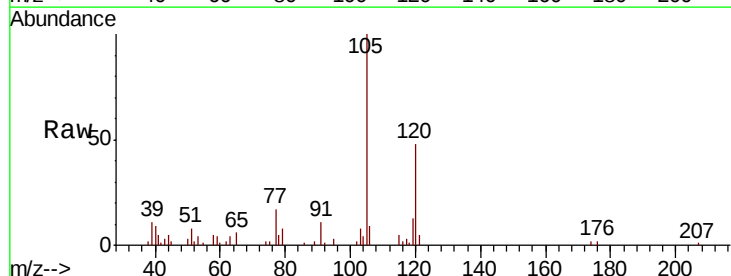
Acq: 16 Apr 2019 18:12

Tgt Ion:105 Resp: 25022

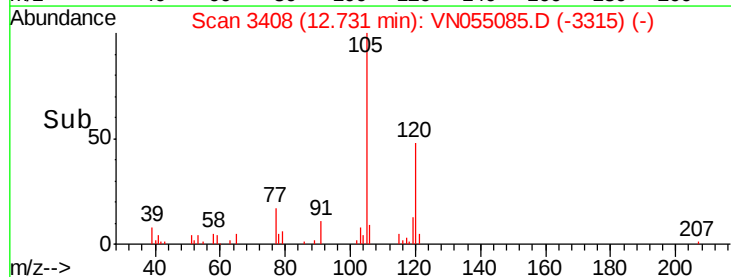
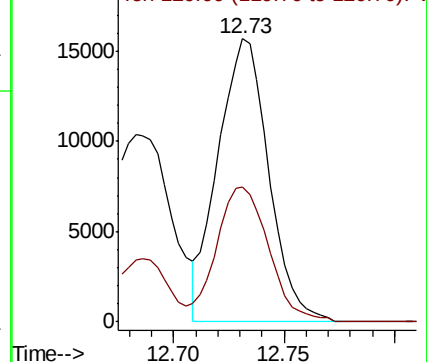
Ion Ratio Lower Upper

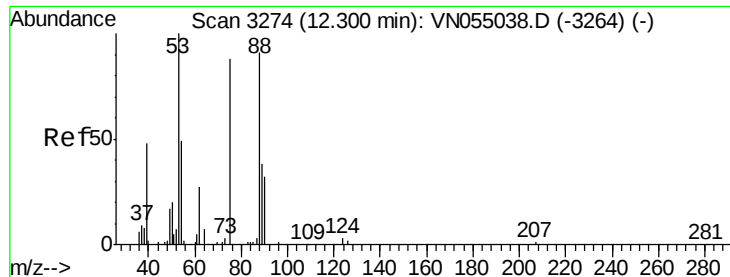
105 100

120 49.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN055038.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 139.204 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-A

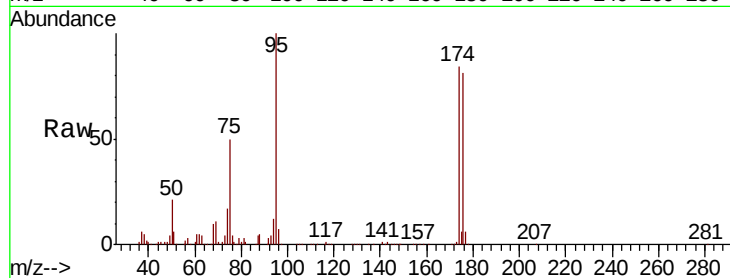
Tot Ion: 75 Resp: 147785

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

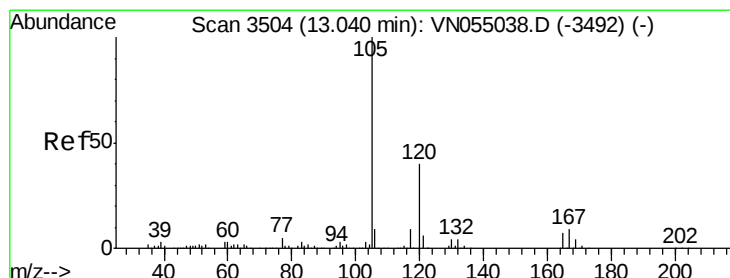
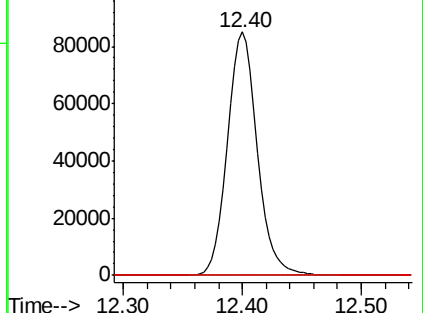
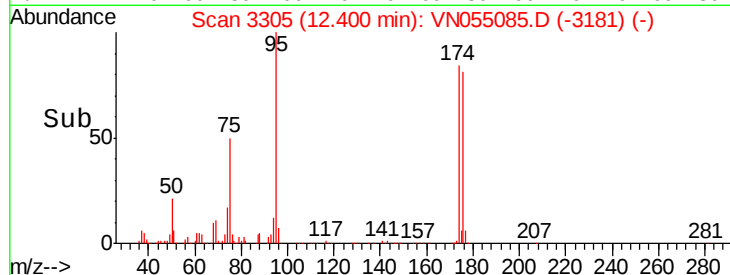
89 0.0 38.6 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055085.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055085.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055085.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 7.025 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055085.D

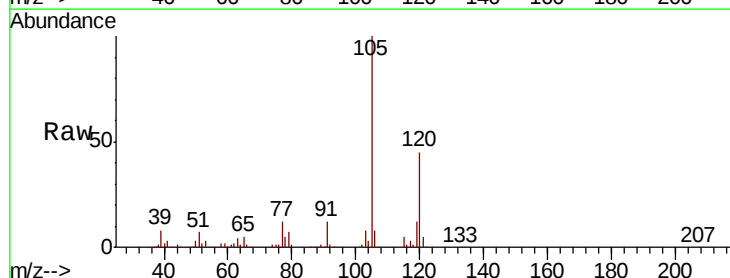
Acq: 16 Apr 2019 18:12

Tgt Ion: 105 Resp: 112560

Ion Ratio Lower Upper

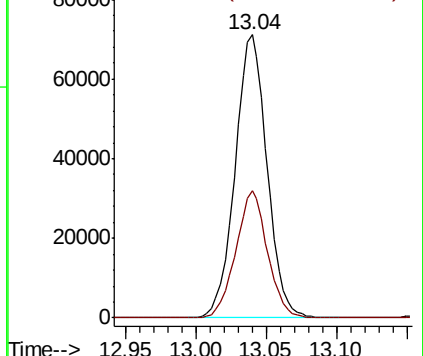
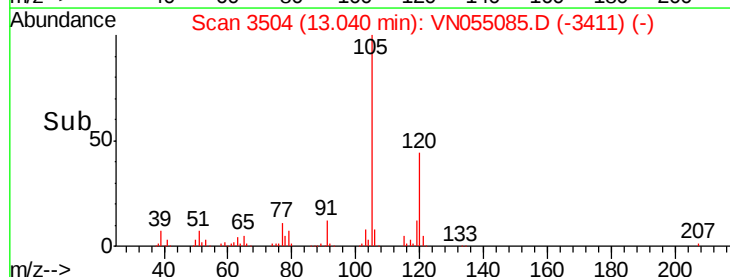
105 100

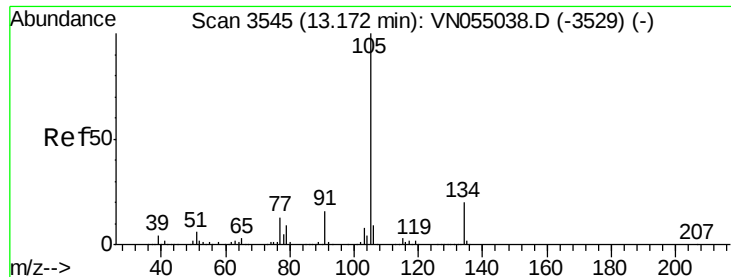
120 44.5 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): VN055085.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN055085.D (-3411) (-)





#85

sec-Butylbenzene

Concen: 6.187 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

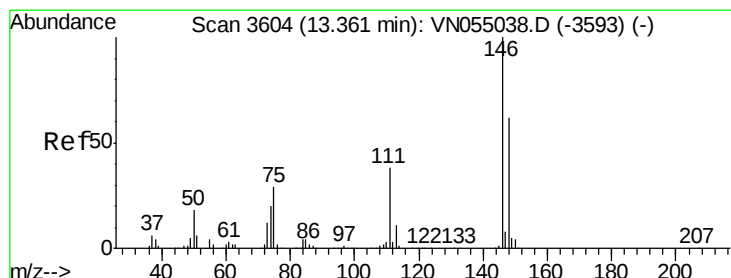
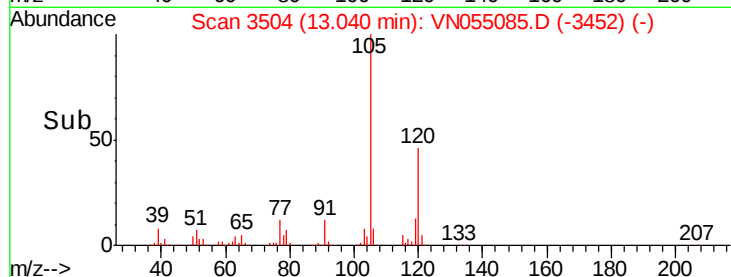
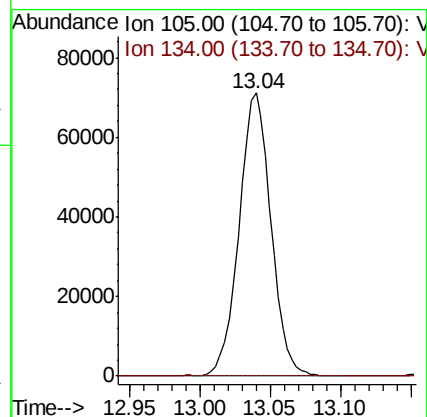
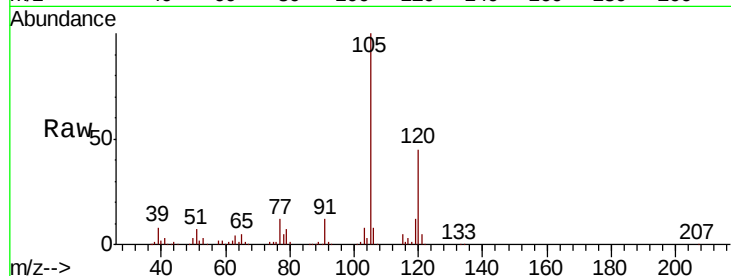
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Tot Ion:105 Resp: 112560

Ion Ratio Lower Upper

105 100

134 0.1 9.8 29.3#



#88

1,4-Dichlorobenzene

Concen: 0.236 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.01 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

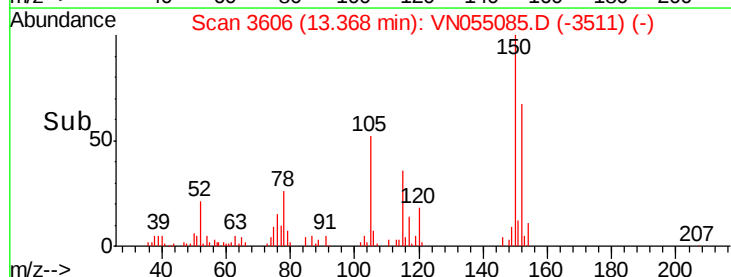
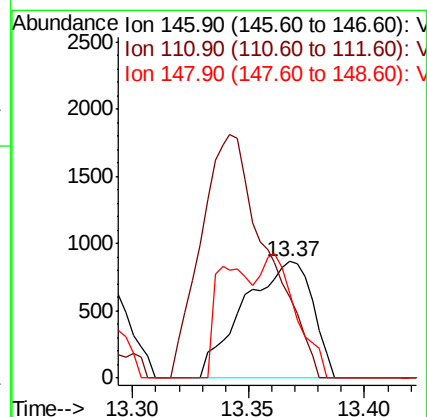
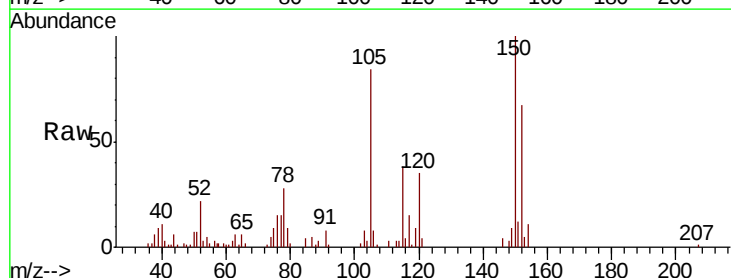
Tgt Ion:146 Resp: 1790

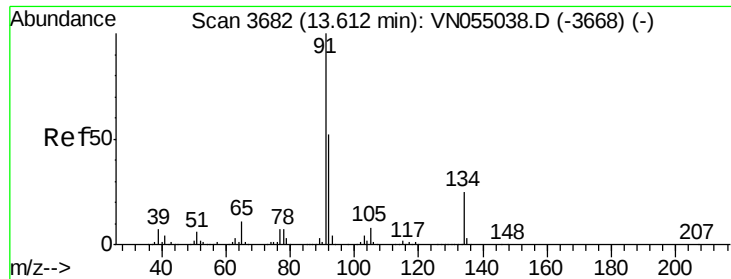
Ion Ratio Lower Upper

146 100

111 0.0 18.8 56.4#

148 56.6 32.4 97.2

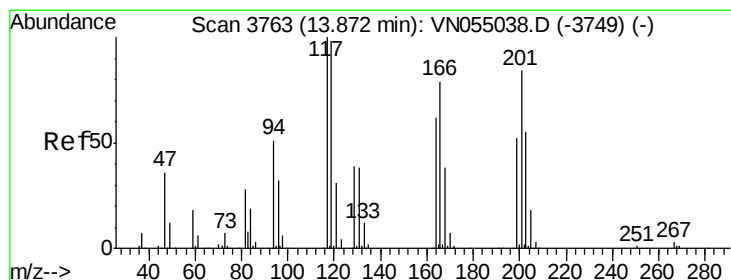
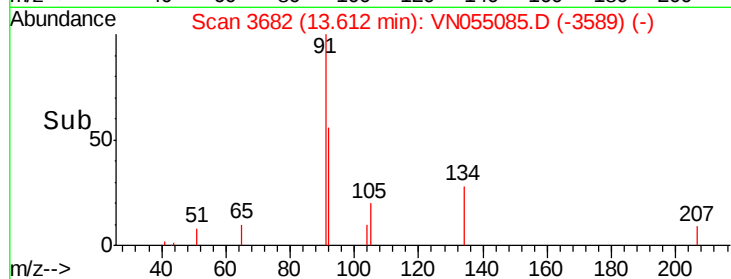
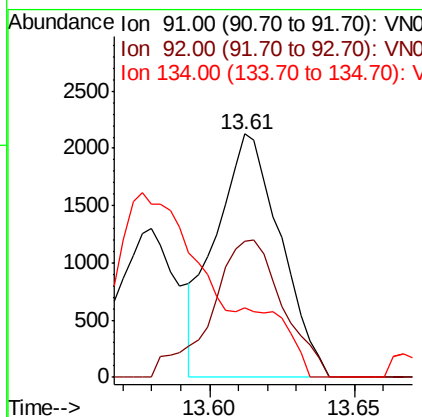
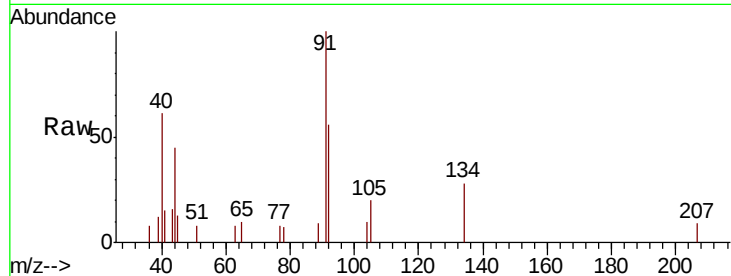




#89
n-Butylbenzene
Concen: 0.283 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055085.D
Acq: 16 Apr 2019 18:12

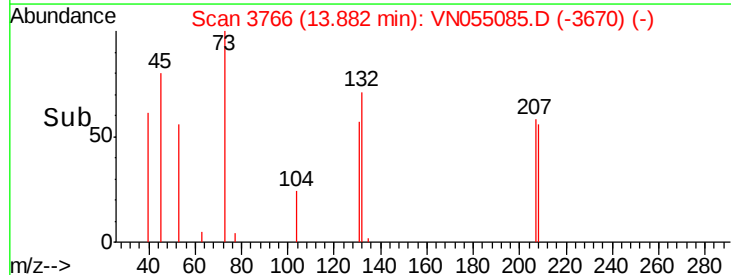
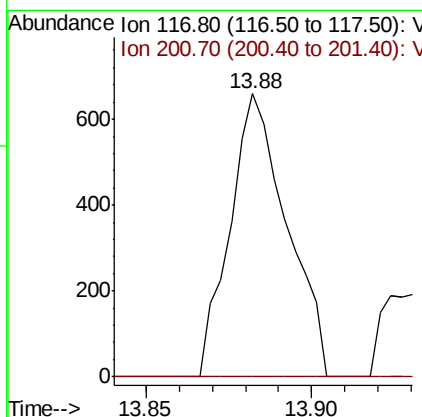
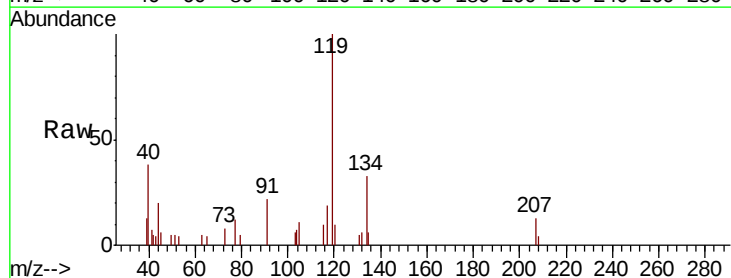
Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-A

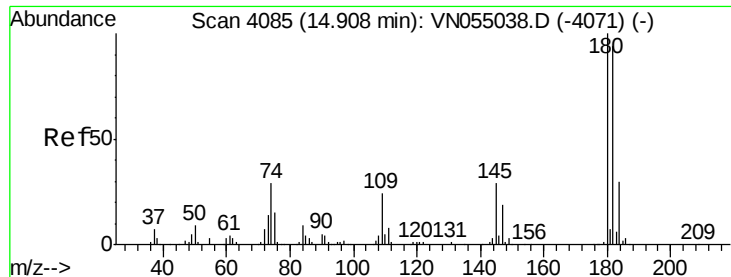
Tot Ion: 91 Resp: 3284
Ion Ratio Lower Upper
91 100
92 62.4 25.9 77.7
134 0.0 12.8 38.3#



#90
Hexachloroethane
Concen: 0.311 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VN055085.D
Acq: 16 Apr 2019 18:12

Tgt Ion: 117 Resp: 789
Ion Ratio Lower Upper
117 100
201 0.0 43.4 130.2#





#93

1,2,4-Trichlorobenzene

Concen: 3.060 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-A

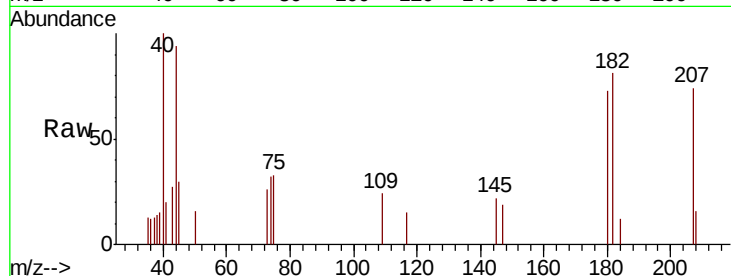
Tot Ion:180 Resp: 1463

Ion Ratio Lower Upper

180 100

182 98.7 47.5 142.6

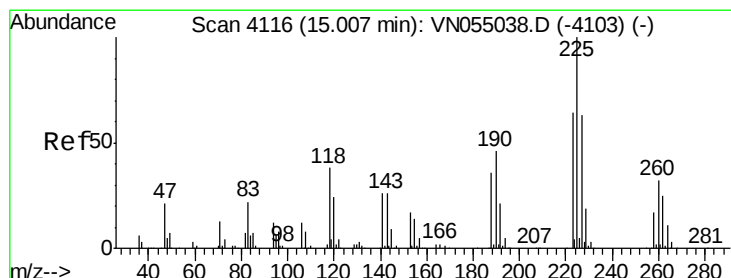
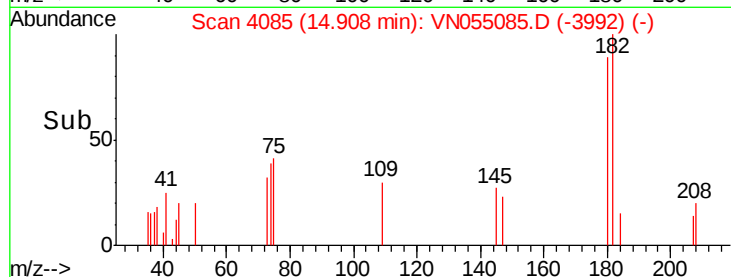
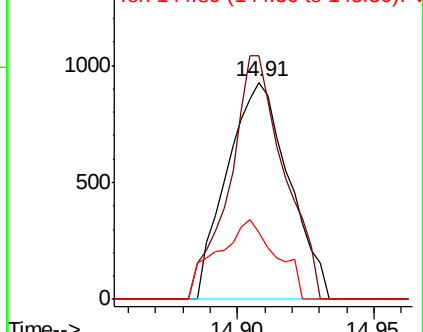
145 35.0 14.2 42.8



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



#94

Hexachlorobutadiene

Concen: 0.418 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.01 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

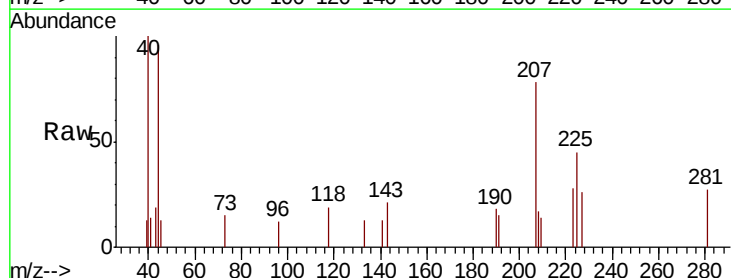
Tgt Ion:225 Resp: 1032

Ion Ratio Lower Upper

225 100

223 58.1 31.4 94.0

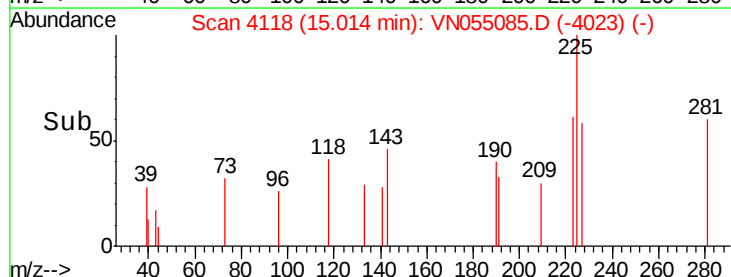
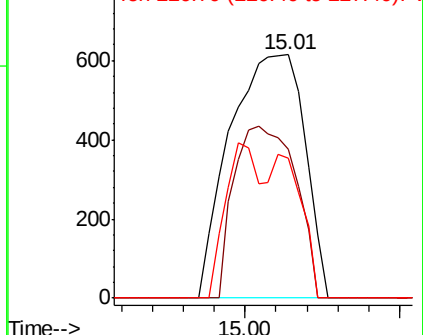
227 28.1 32.6 97.7#

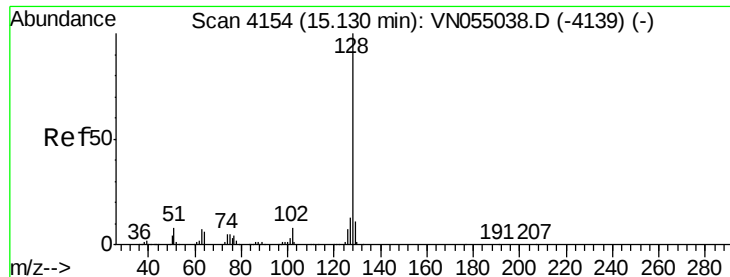


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.780 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-A

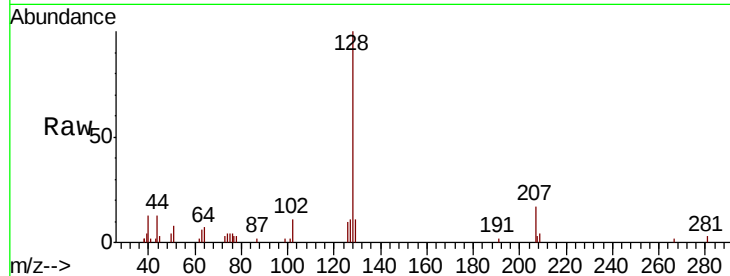
Tot Ion:128 Resp: 15347

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

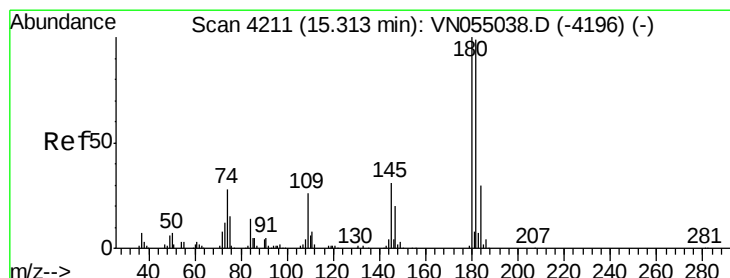
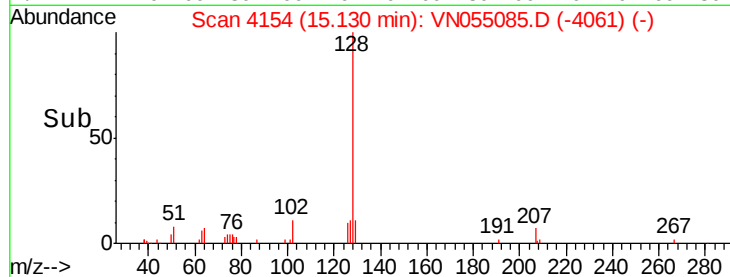
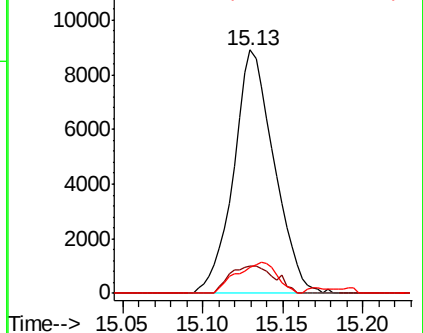
129 12.8 8.8 13.2



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: 0.691 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055085.D

Acq: 16 Apr 2019 18:12

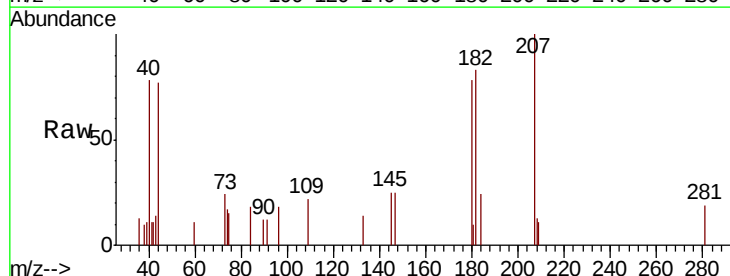
Tgt Ion:180 Resp: 2128

Ion Ratio Lower Upper

180 100

182 89.0 48.0 144.0

145 19.5 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

