

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054369.D
 Acq On : 17 Mar 2019 6:55
 Operator : JC/SP
 Sample : K1697-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-031519-A

Quant Time: Mar 18 05:08:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1827228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2626614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2214018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	853674	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	894820	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
35) Dibromofluoromethane	7.59	113	798910	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
50) Toluene-d8	10.09	98	3015761	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.40	95	920810	42.06	ug/l	0.00
Spiked Amount			Recovery	=	84.12%	

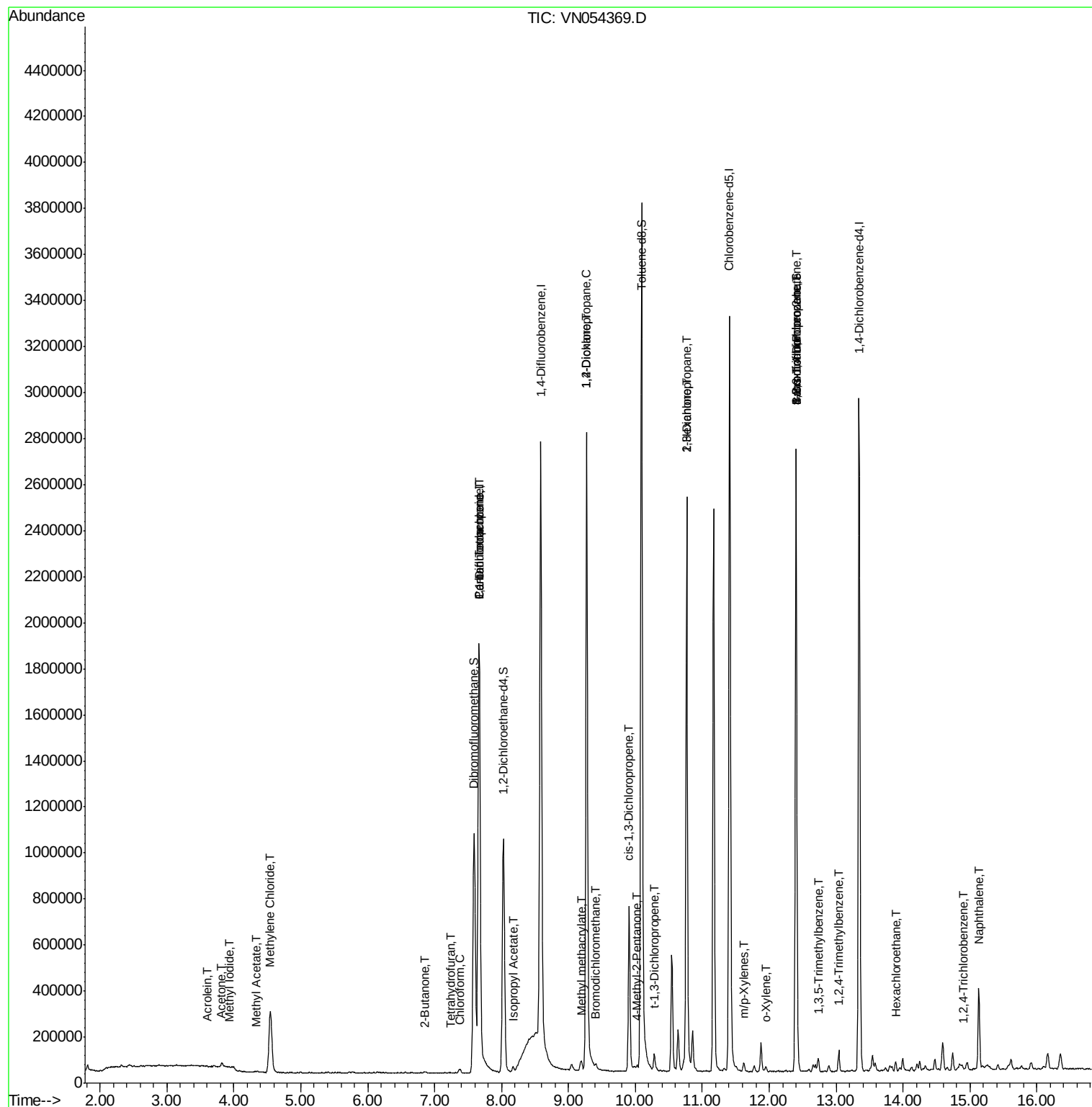
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	142	1.502	ug/l #	45
13) Acrolein	3.60	56	286	0.227	ug/l #	1
16) Acetone	3.82	43	26457	4.762	ug/l	96
18) Methyl Acetate	4.32	43	5452	0.485	ug/l #	58
20) Methylene Chloride	4.55	84	214737	11.770	ug/l	99
25) 2-Butanone	6.87	43	3191	0.489	ug/l	91
29) Tetrahydrofuran	7.23	42	2696	0.643	ug/l #	48
30) Chloroform	7.37	83	17416	0.535	ug/l	93
31) Cyclohexane	7.67	56	28358	Below Cal	#	4
36) 1,1-Dichloropropene	7.66	75	109329	4.520	ug/l #	47
38) Carbon Tetrachloride	7.66	117	147632	5.820	ug/l #	16
43) Isopropyl Acetate	8.17	43	29738	1.219	ug/l	98
45) 1,2-Dichloropropane	9.27	63	3890	0.226	ug/l #	43
47) Bromodichloromethane	9.40	83	5663	0.243	ug/l #	93
48) Methyl methacrylate	9.18	41	15692	1.267	ug/l #	11
49) 1,4-Dioxane	9.27	88	517	2.952	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	14864	1.151	ug/l #	36
53) t-1,3-Dichloropropene	10.28	75	95	1.989	ug/l #	42
54) cis-1,3-Dichloropropene	9.91	75	144754	5.336	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	27550	1.051	ug/l #	43
59) 2-Hexanone	10.77	43	361105	42.035	ug/l #	51
68) m/p-Xylenes	11.62	106	12448	0.395	ug/l	100
69) o-Xylene	11.95	106	6193	0.202	ug/l	93
71) Bromoform	12.40	173	5848	2.765	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	434932	34.646	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	30222	0.532	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	434932	118.435	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	53393	0.958	ug/l	97
90) Hexachloroethane	13.89	117	2336	0.237	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.90	180	424	2.539	ug/l #	2
95) Naphthalene	15.13	128	319332	11.407	ug/l	99

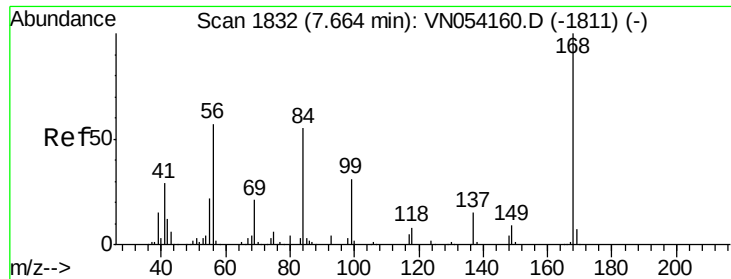
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

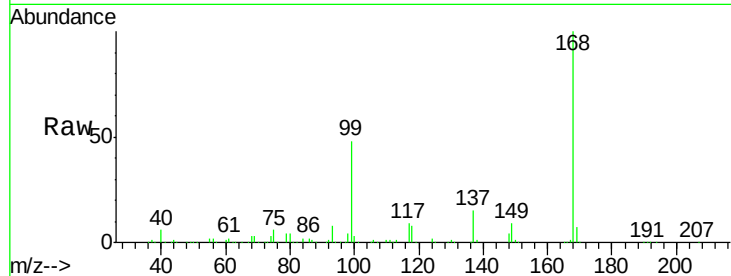
SU-01-031519-A

Tot Ion:168 Resp: 1827228

Ion Ratio Lower Upper

168 100

99 48.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

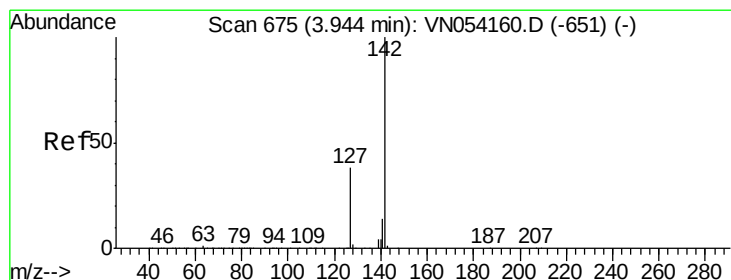
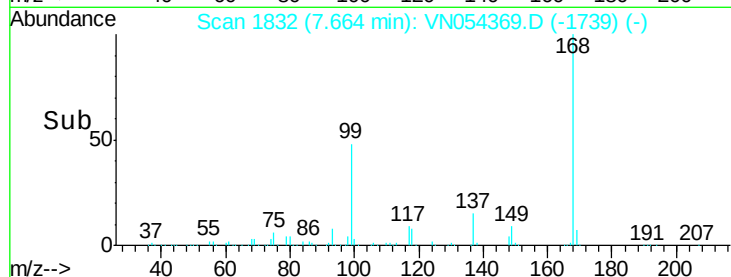
600000

400000

200000

0

Time-->



#10

Methyl Iodide

Concen: 1.502 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

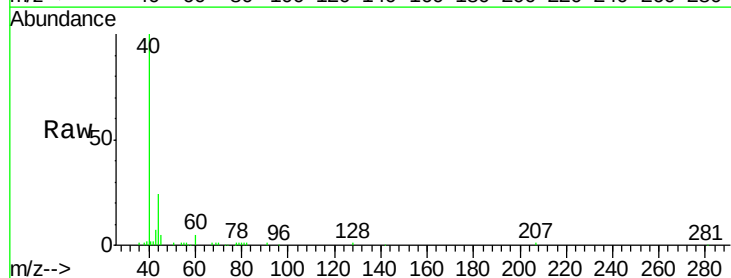
Tgt Ion:142 Resp: 142

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.94

250

200

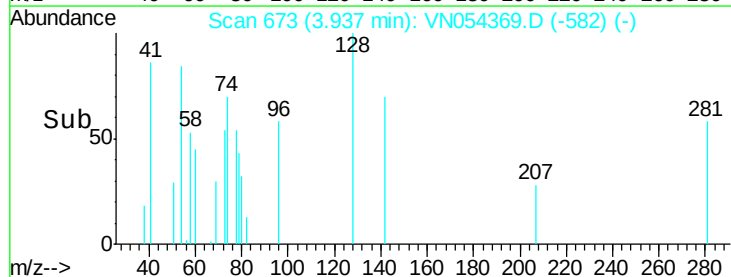
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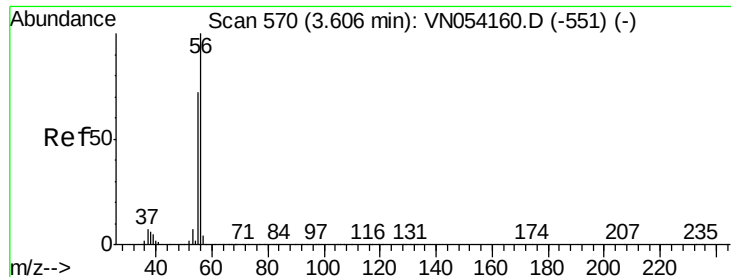
100

50

0

Time-->





#13

Acrolein

Concen: 0.227 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

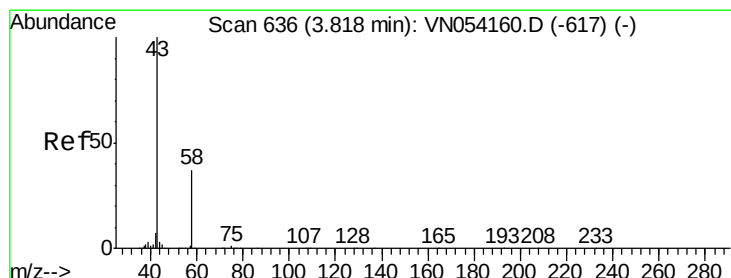
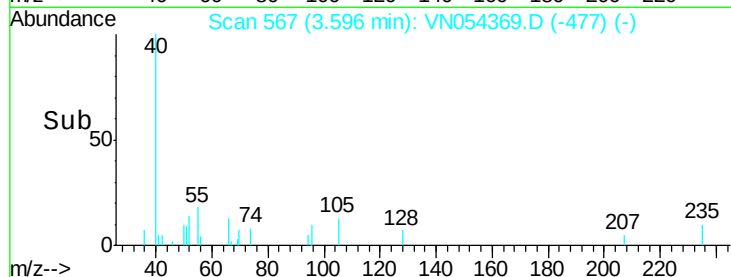
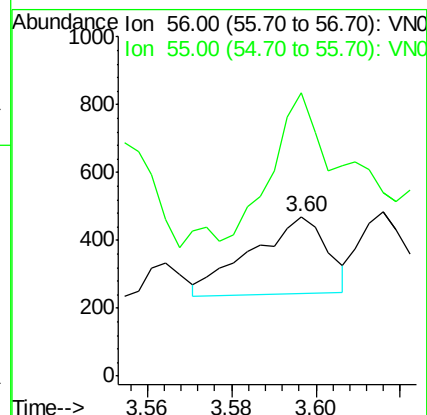
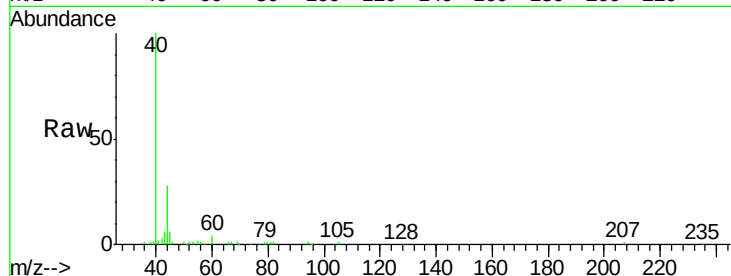
SU-01-031519-A

Tot Ion: 56 Resp: 286

Ion Ratio Lower Upper

56 100

55 181.5 56.7 85.1#



#16

Acetone

Concen: 4.762 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054369.D

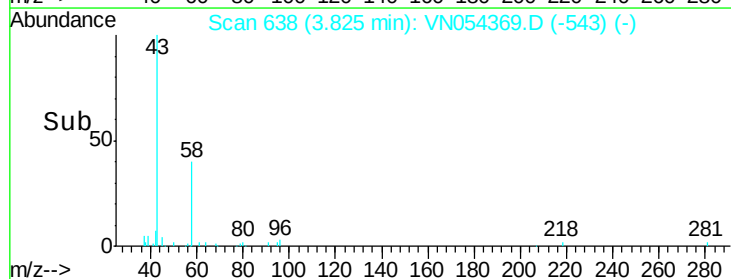
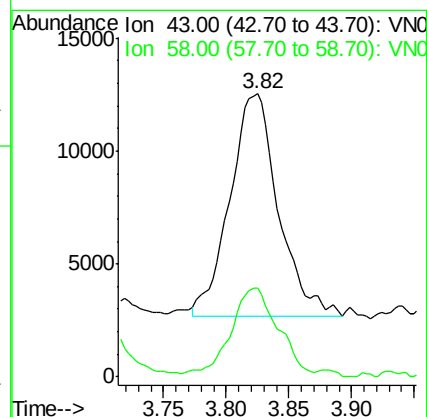
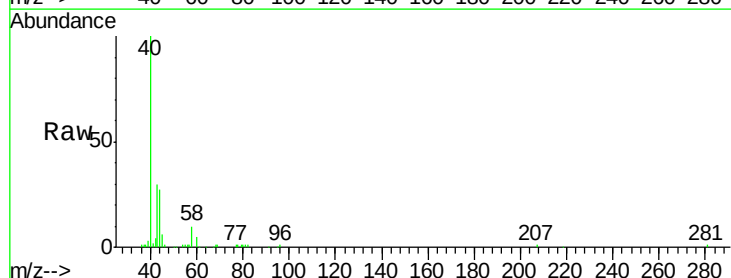
Acq: 17 Mar 2019 6:55

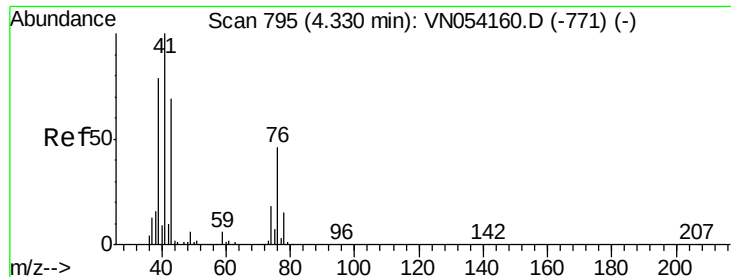
Tgt Ion: 43 Resp: 26457

Ion Ratio Lower Upper

43 100

58 39.8 29.9 44.9





#18

Methyl Acetate

Concen: 0.485 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

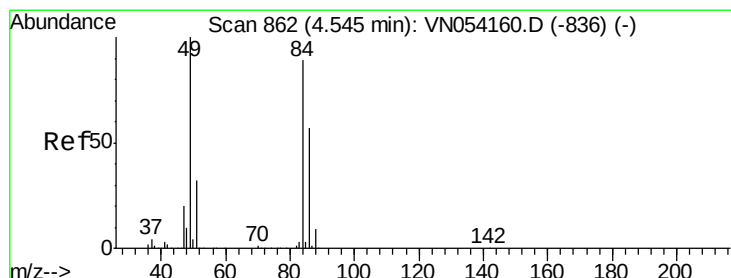
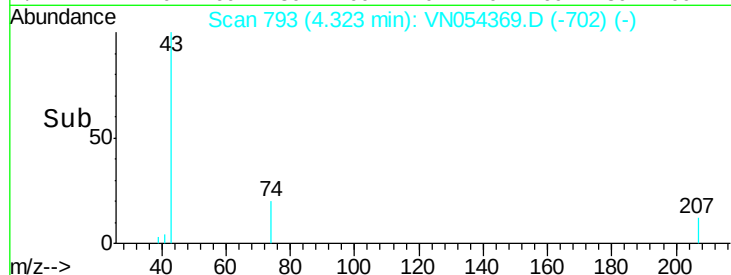
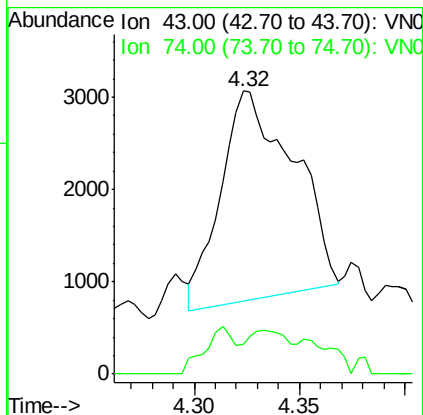
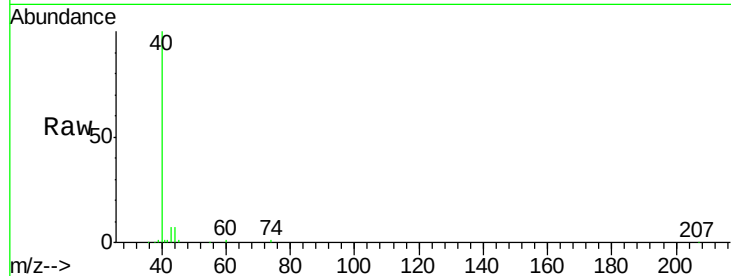
SU-01-031519-A

Tot Ion: 43 Resp: 5452

Ion Ratio Lower Upper

43 100

74 4.6 20.8 31.2#



#20

Methylene Chloride

Concen: 11.770 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Tgt Ion: 84 Resp: 214737

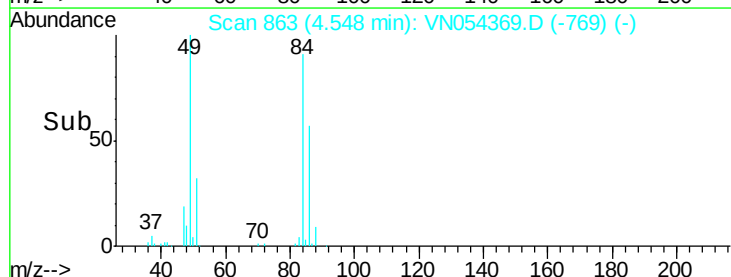
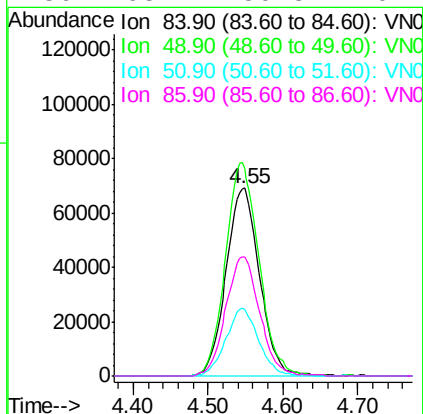
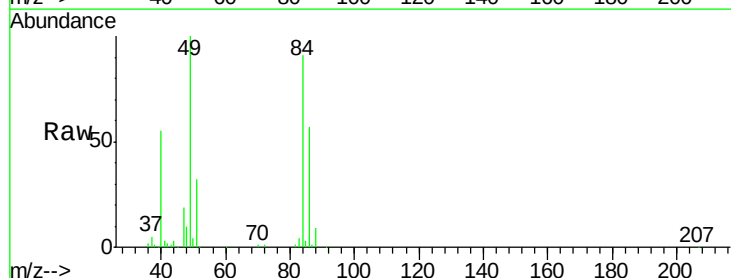
Ion Ratio Lower Upper

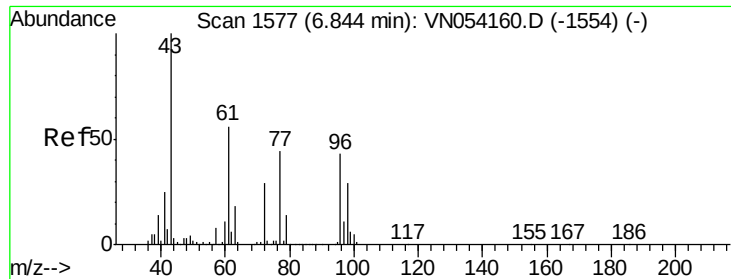
84 100

49 110.5 89.7 134.5

51 35.8 28.2 42.4

86 63.4 50.8 76.2

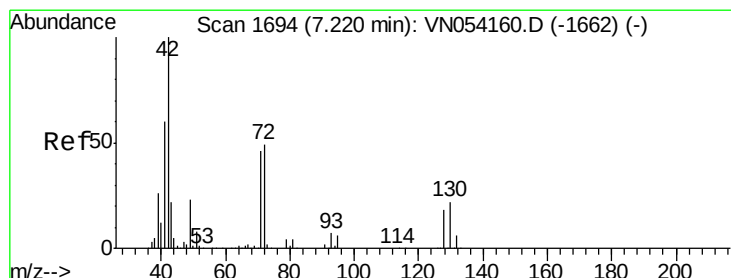
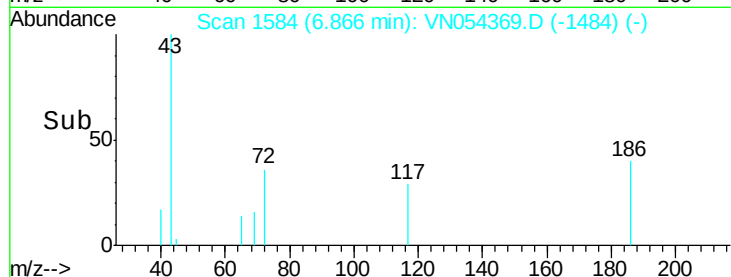
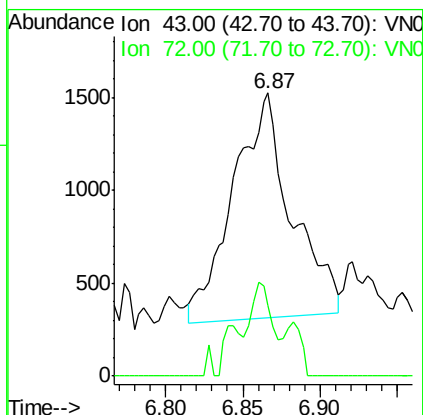
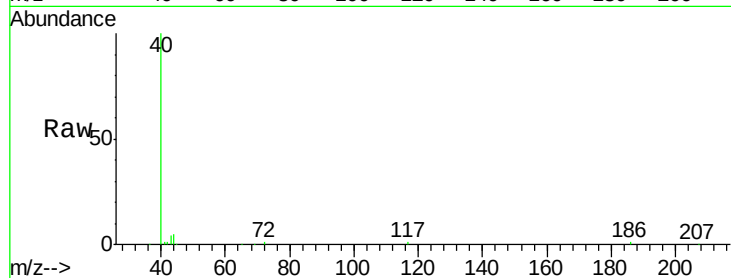




#25
2-Butanone
Concen: 0.489 ug/l
RT: 6.87 min Scan# 1584
Delta R.T. 0.02 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

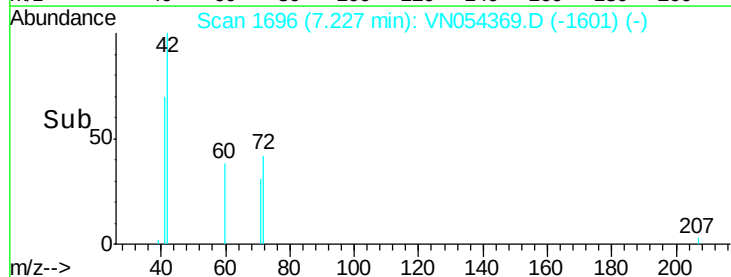
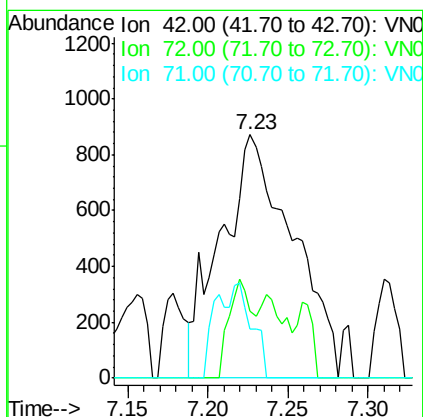
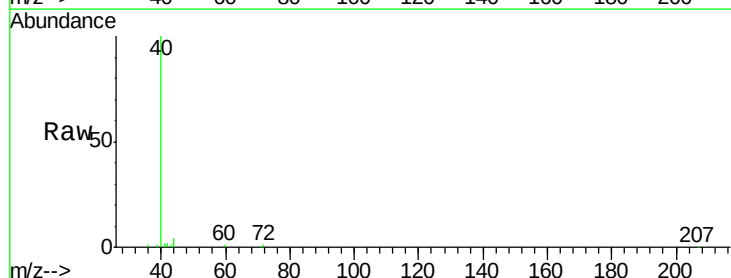
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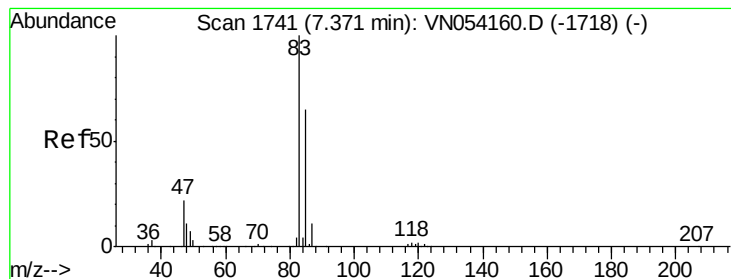
Tot Ion: 43 Resp: 3191
Ion Ratio Lower Upper
43 100
72 33.4 23.0 34.6



#29
Tetrahydrofuran
Concen: 0.643 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

Tgt Ion: 42 Resp: 2696
Ion Ratio Lower Upper
42 100
72 13.0 37.8 56.6#
71 10.4 36.2 54.2#





#30

Chloroform

Concen: 0.535 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

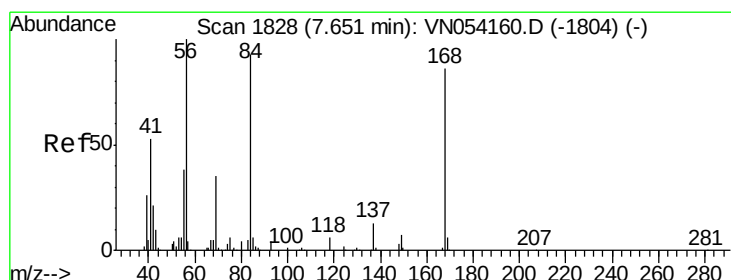
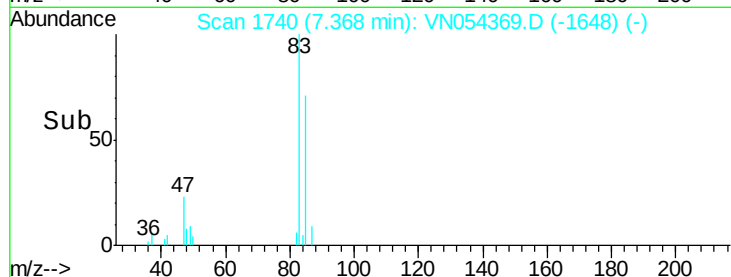
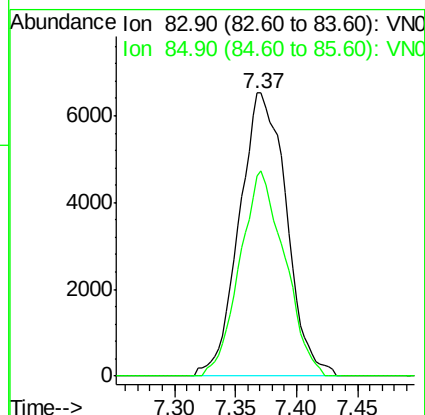
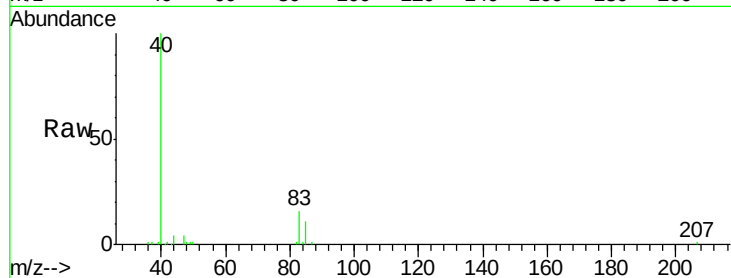
SU-01-031519-A

Tot Ion: 83 Resp: 17416

Ion Ratio Lower Upper

83 100

85 70.9 52.2 78.4



#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

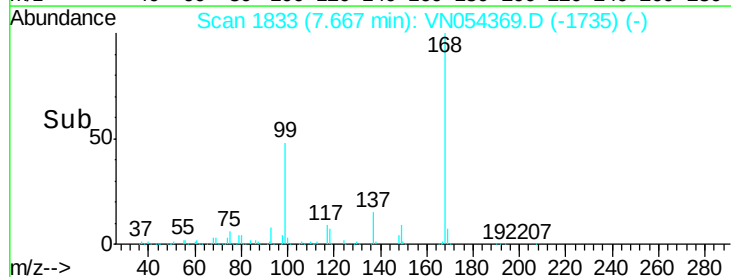
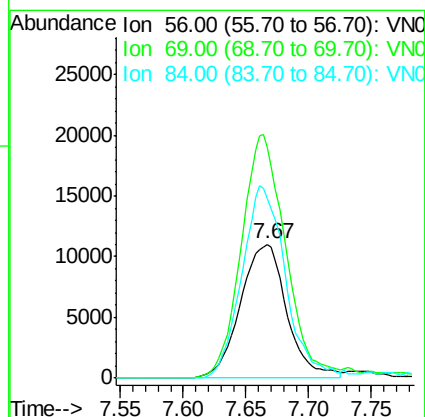
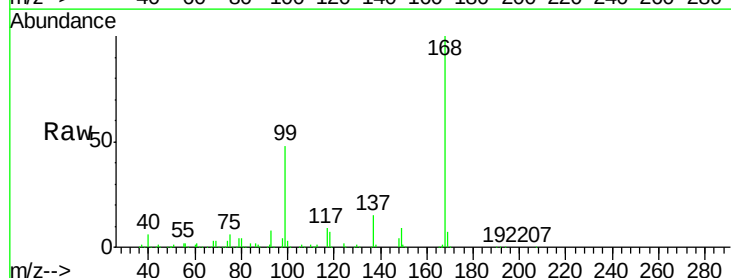
Tgt Ion: 56 Resp: 28358

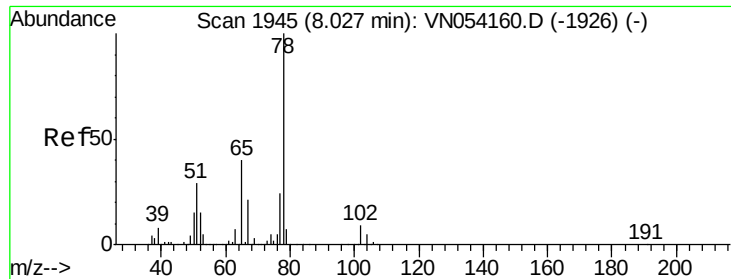
Ion Ratio Lower Upper

56 100

69 172.3 27.8 41.6#

84 134.1 74.6 111.8#

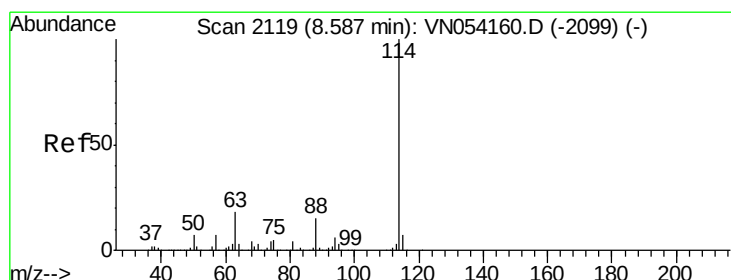
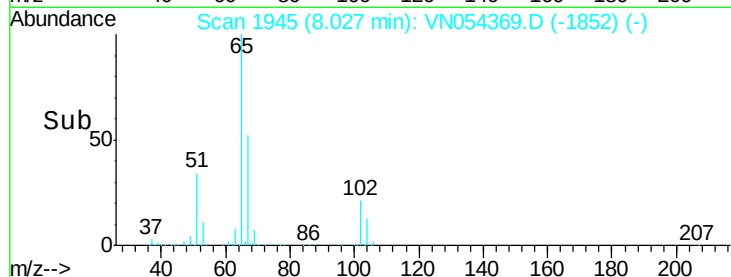
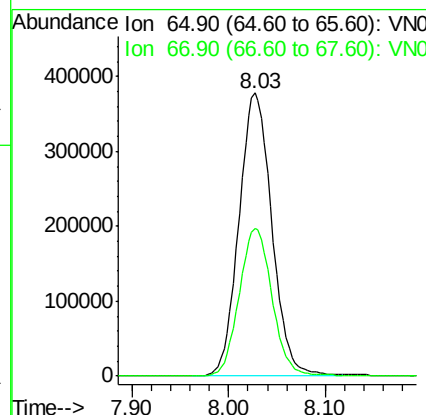
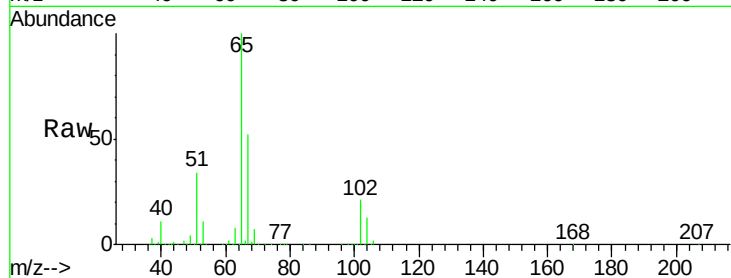




#33
 1,2-Dichloroethane-d4
 Concen: 46.112 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054369.D
 Acq: 17 Mar 2019 6:55

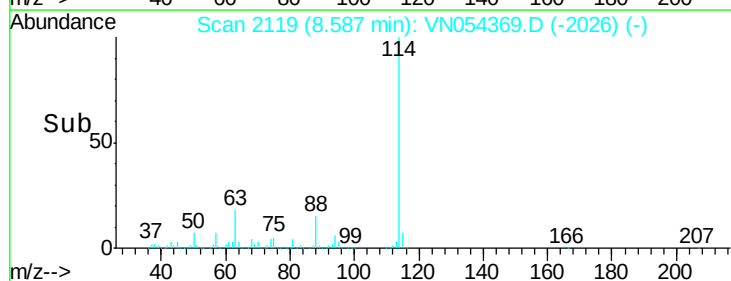
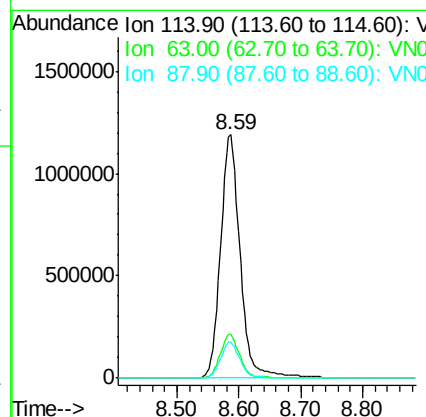
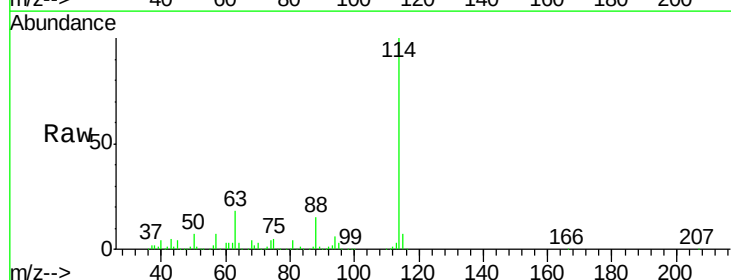
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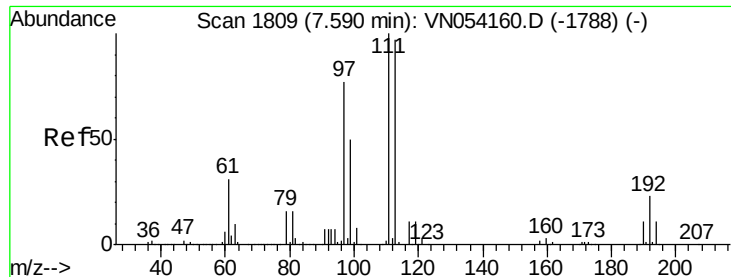
Tot Ion: 65 Resp: 894820
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054369.D
 Acq: 17 Mar 2019 6:55

Tgt Ion: 114 Resp: 2626614
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.2
 88 14.9 0.0 30.2

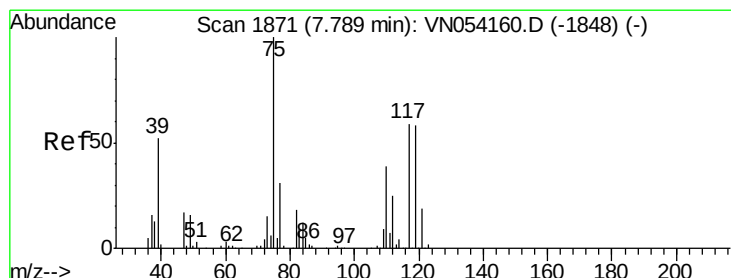
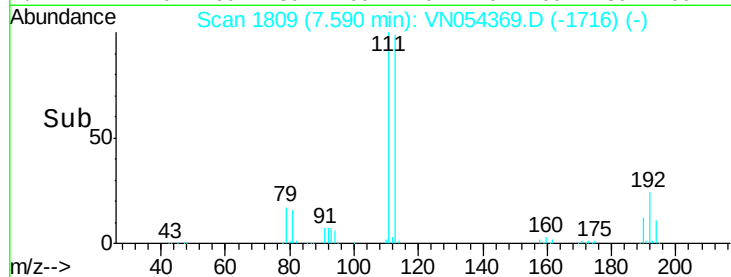
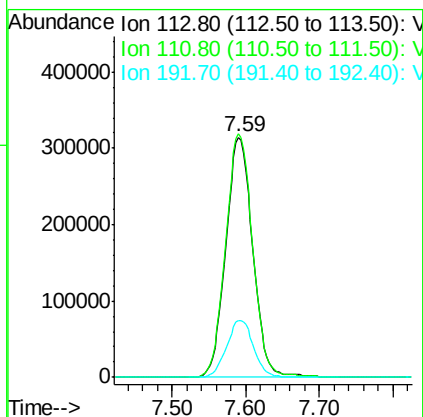
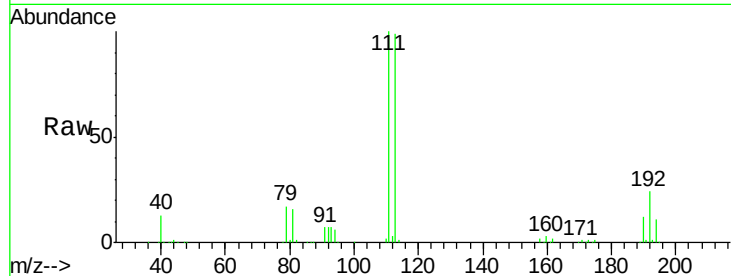




#35
 Dibromofluoromethane
 Concen: 47.160 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054369.D
 Acq: 17 Mar 2019 6:55

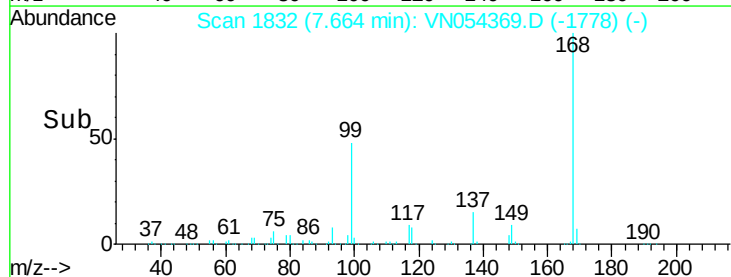
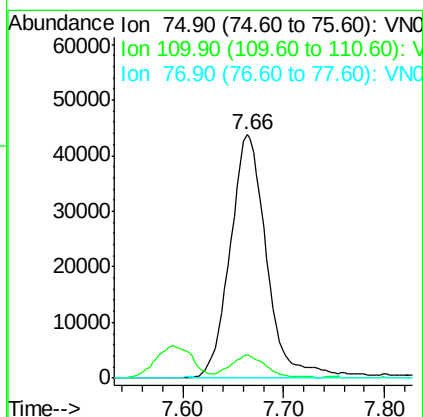
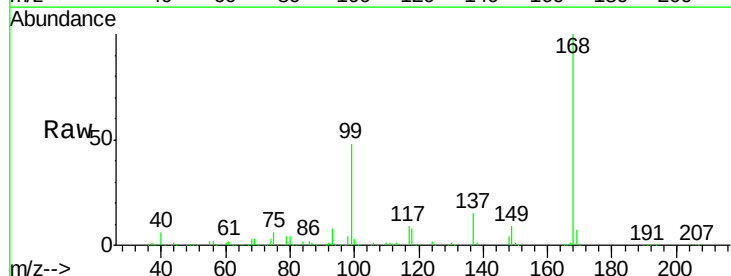
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 SU-01-031519-A

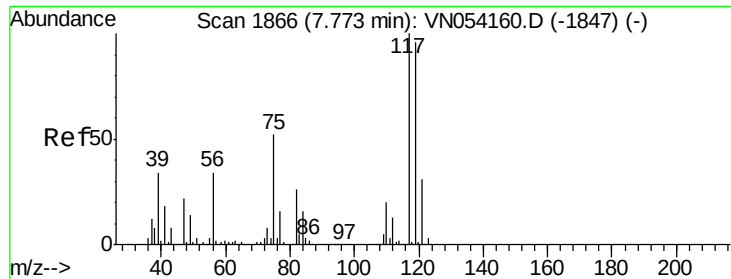
Tot Ion:113 Resp: 798910
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 23.8 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 4.520 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054369.D
 Acq: 17 Mar 2019 6:55

Tgt Ion: 75 Resp: 109329
 Ion Ratio Lower Upper
 75 100
 110 8.1 19.1 57.5#
 77 0.0 25.0 37.4#

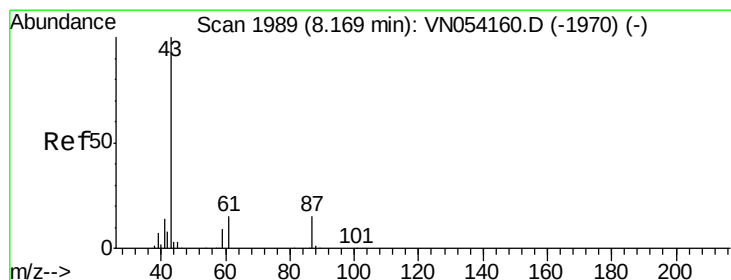
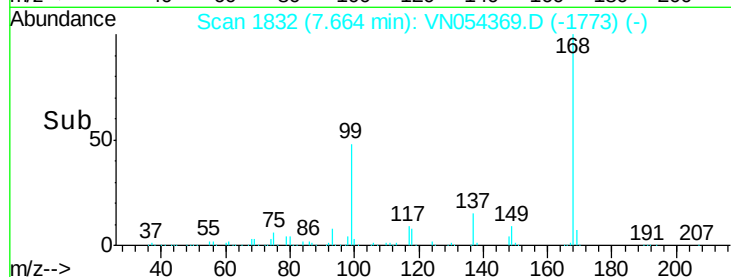
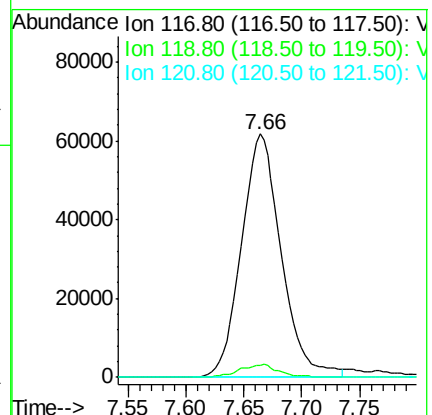
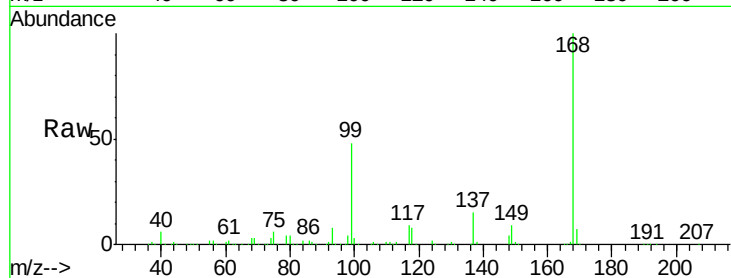




#38
Carbon Tetrachloride
Concen: 5.820 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

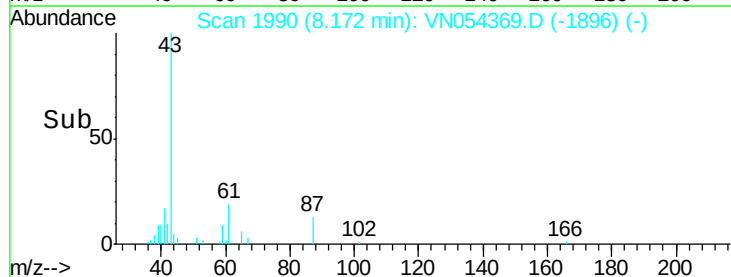
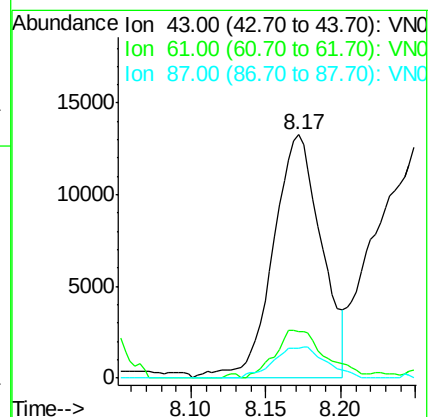
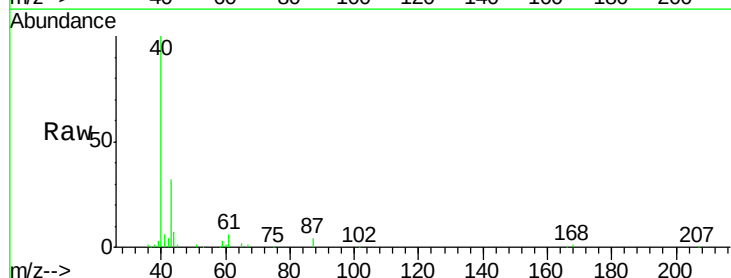
Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-A

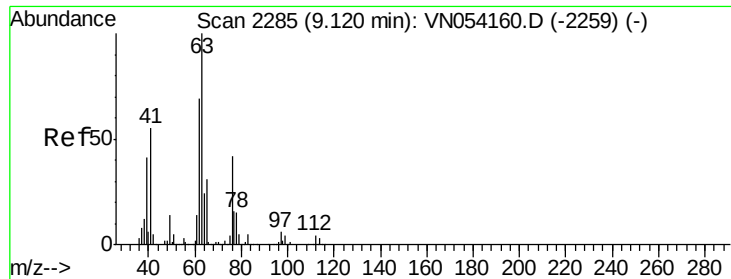
Tot Ion:117 Resp: 147632
Ion Ratio Lower Upper
117 100
119 5.1 76.3 114.5#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 1.219 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

Tgt Ion: 43 Resp: 29738
Ion Ratio Lower Upper
43 100
61 20.2 15.8 23.8
87 13.7 12.0 18.0

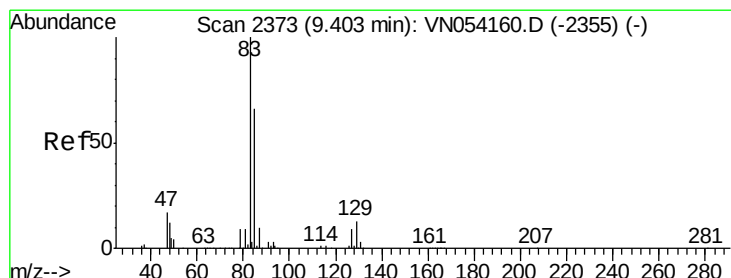
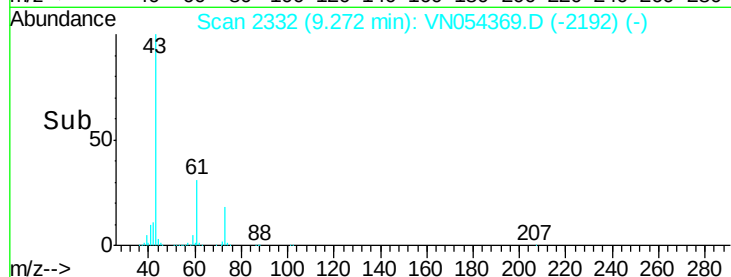
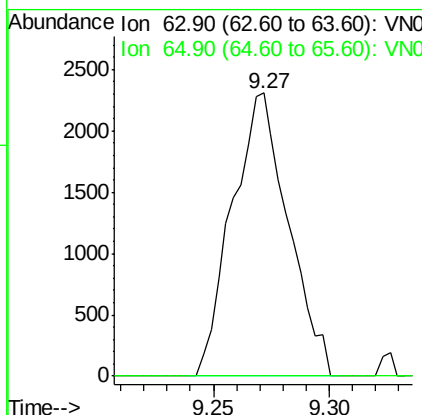
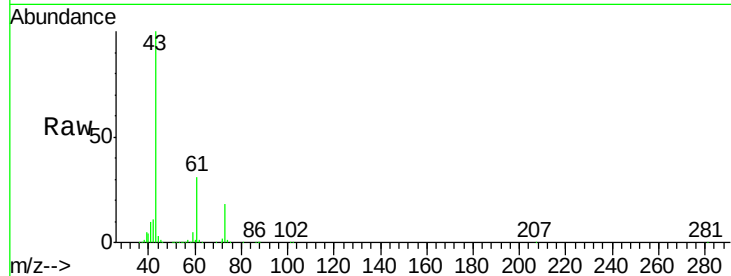




#45
 1,2-Dichloropropane
 Concen: 0.226 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN054369.D
 Acq: 17 Mar 2019 6:55

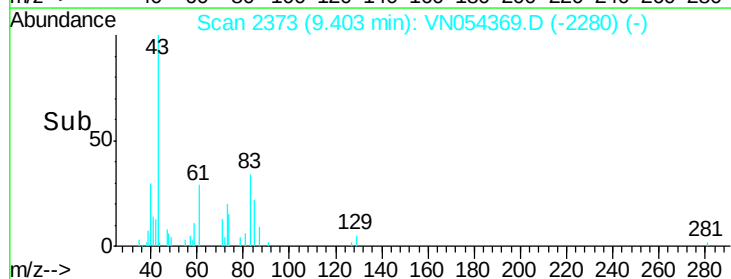
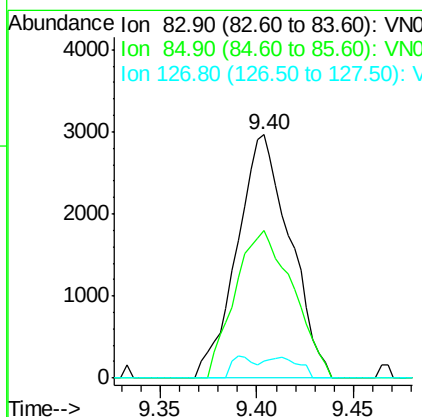
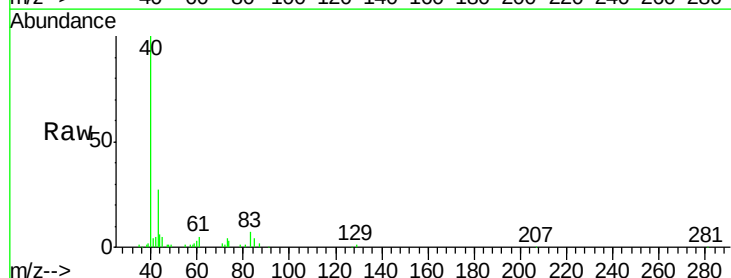
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-031519-A

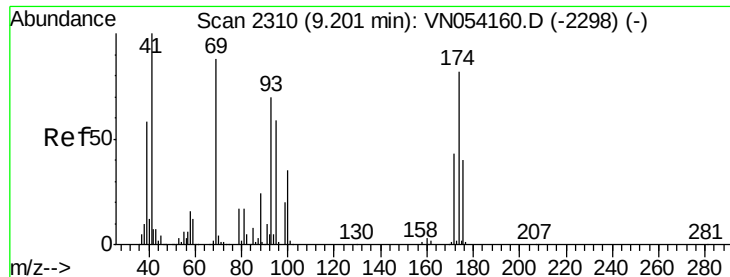
Tot Ion: 63 Resp: 3890
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#47
 Bromodichloromethane
 Concen: 0.243 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN054369.D
 Acq: 17 Mar 2019 6:55

Tgt Ion: 83 Resp: 5663
 Ion Ratio Lower Upper
 83 100
 85 60.4 52.8 79.2
 127 6.8 7.4 11.2#

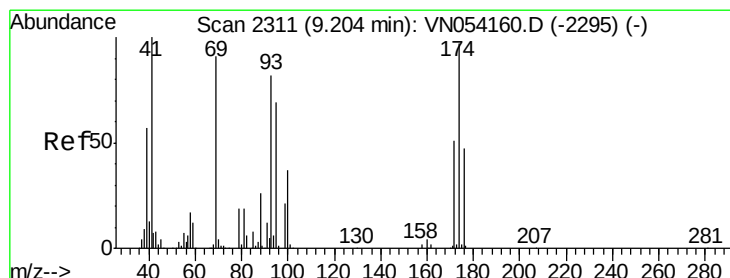
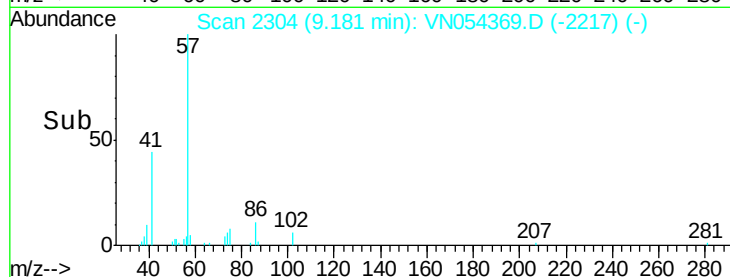
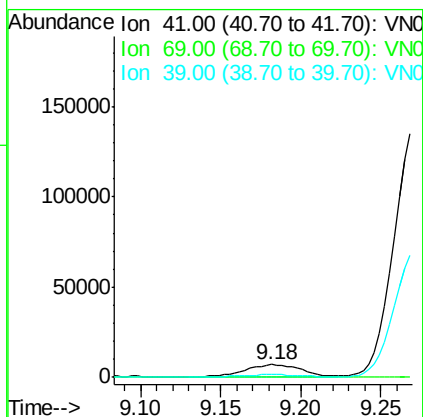
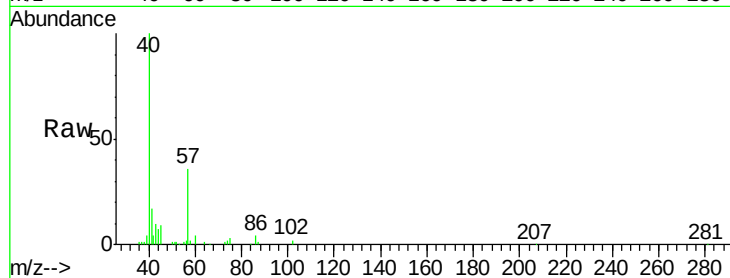




#48
Methvl methacrylate
Concen: 1.267 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

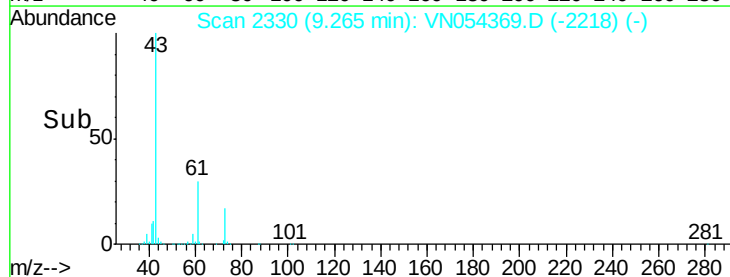
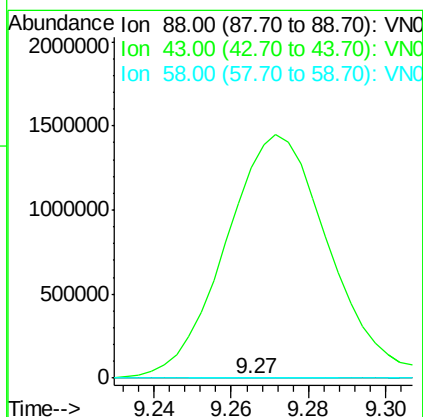
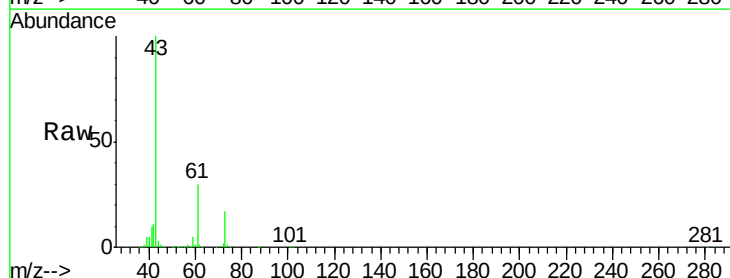
Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-A

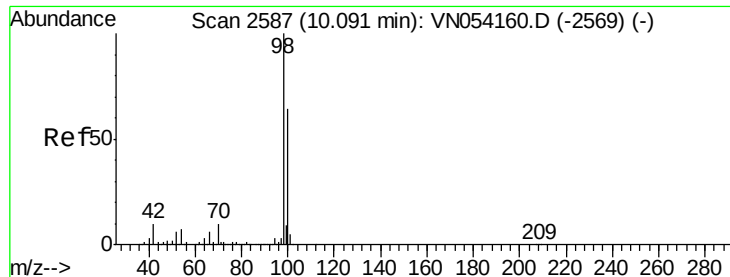
Tot Ion: 41 Resp: 15692
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 2.952 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

Tgt Ion: 88 Resp: 517
Ion Ratio Lower Upper
88 100
43 543452.0 24.1 36.1#
58 2297.3 50.8 76.2#





#50

Toluene-d8

Concen: 48.203 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

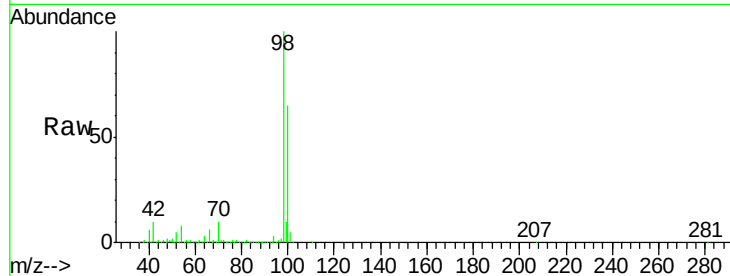
SU-01-031519-A

Tot Ion: 98 Resp: 3015761

Ion Ratio Lower Upper

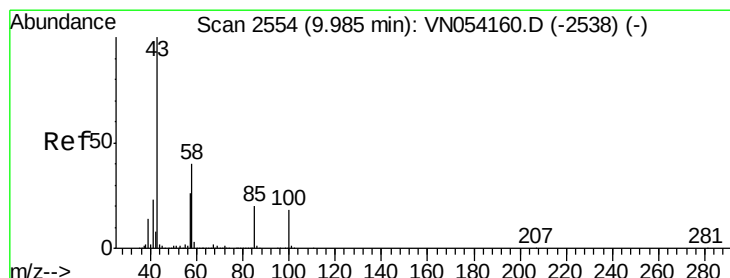
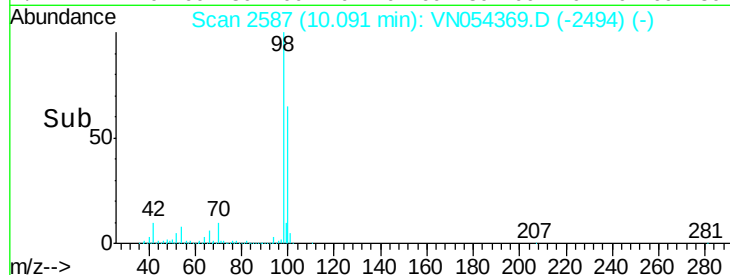
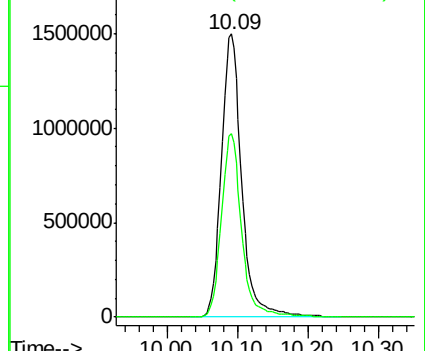
98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.151 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054369.D

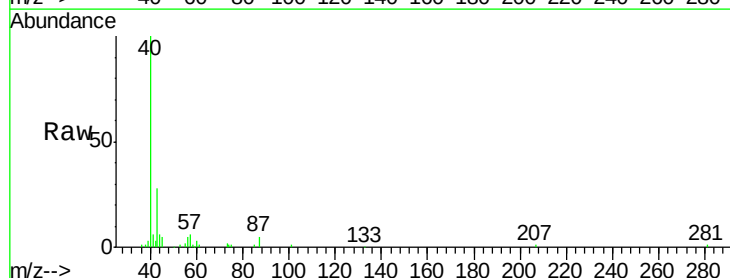
Acq: 17 Mar 2019 6:55

Tgt Ion: 43 Resp: 14864

Ion Ratio Lower Upper

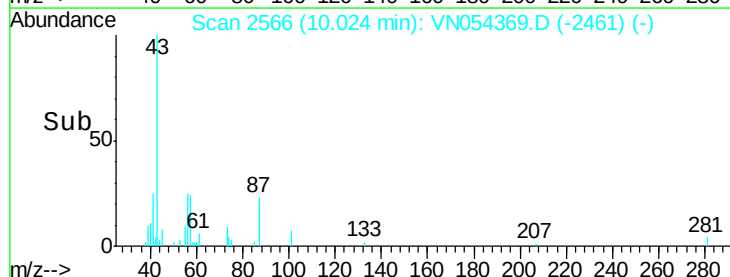
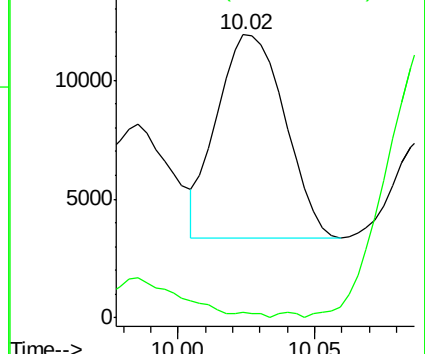
43 100

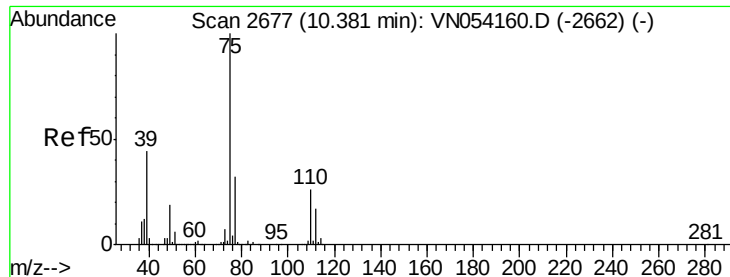
58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

t-1,3-Dichloropropene

Concen: 1.989 ug/l

RT: 10.28 min Scan# 2645

Delta R.T. -0.10 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

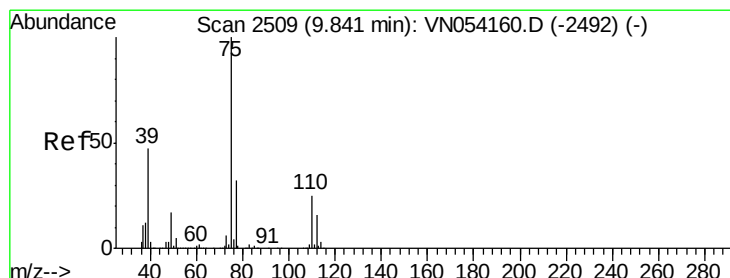
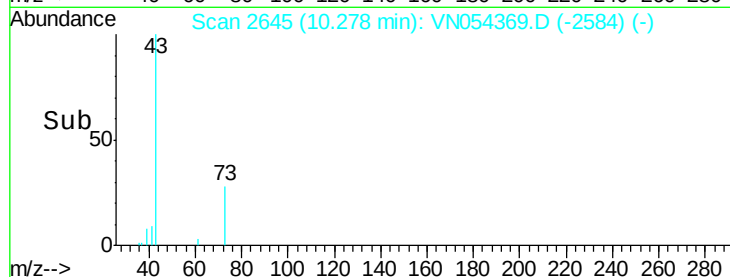
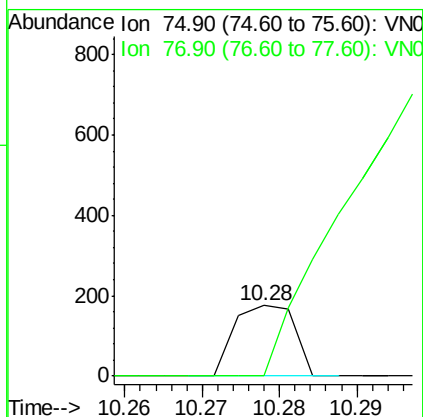
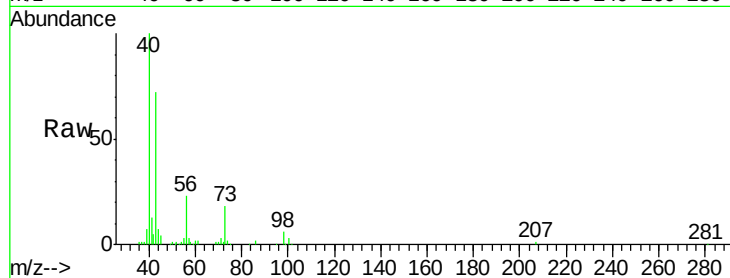
SU-01-031519-A

Tot Ion: 75 Resp: 95

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#



#54

cis-1,3-Dichloropropene

Concen: 5.336 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

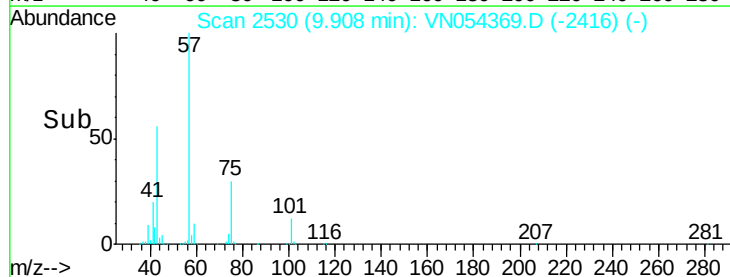
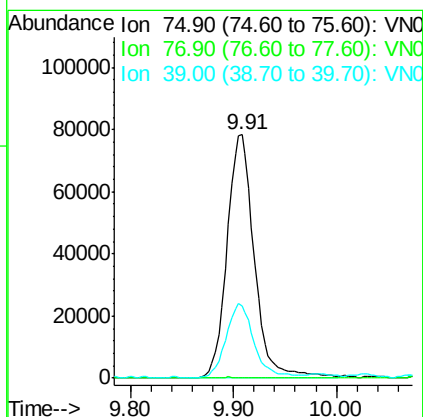
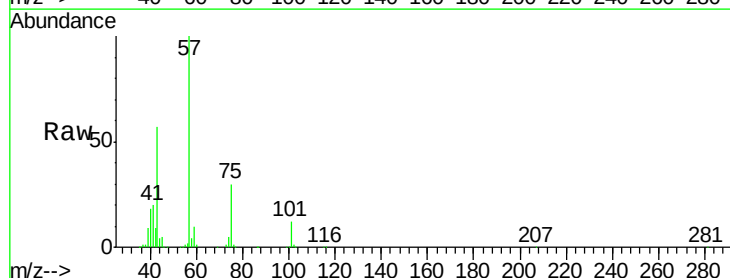
Tgt Ion: 75 Resp: 144754

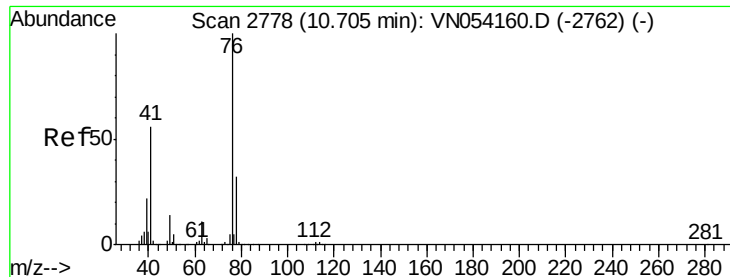
Ion Ratio Lower Upper

75 100

77 0.4 25.4 38.0#

39 29.2 37.2 55.8#





#57

1,3-Dichloropropane

Concen: 1.051 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

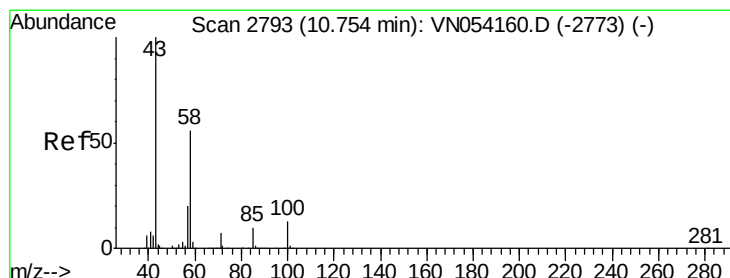
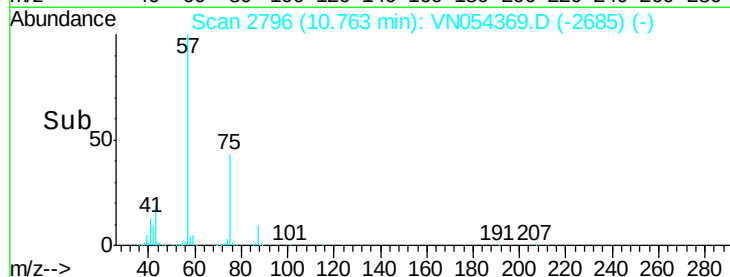
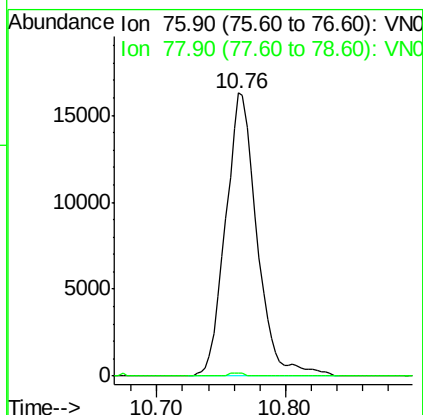
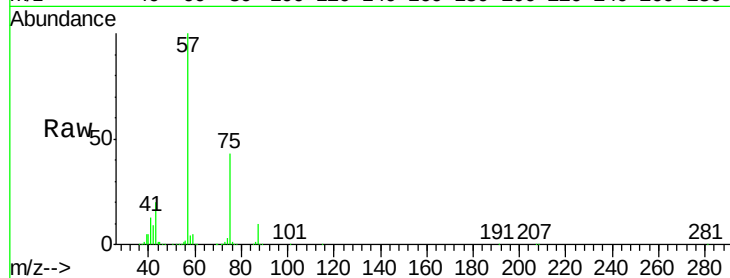
SU-01-031519-A

Tot Ion: 76 Resp: 27550

Ion Ratio Lower Upper

76 100

78 0.5 25.7 38.5#



#59

2-Hexanone

Concen: 42.035 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054369.D

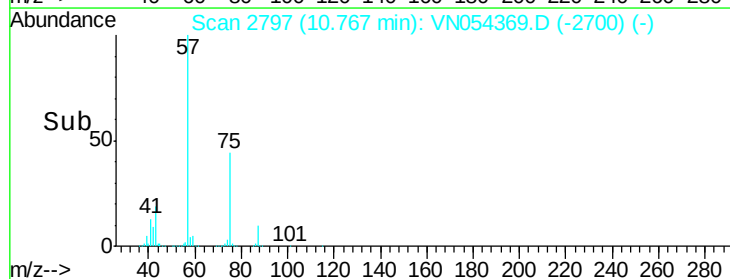
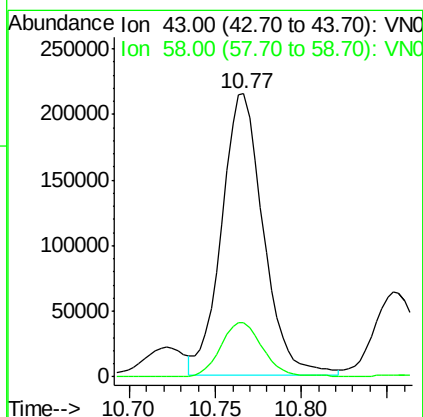
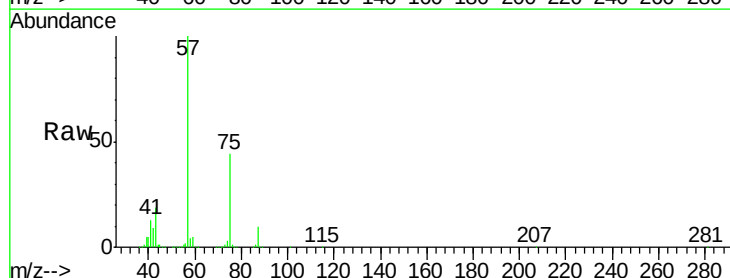
Acq: 17 Mar 2019 6:55

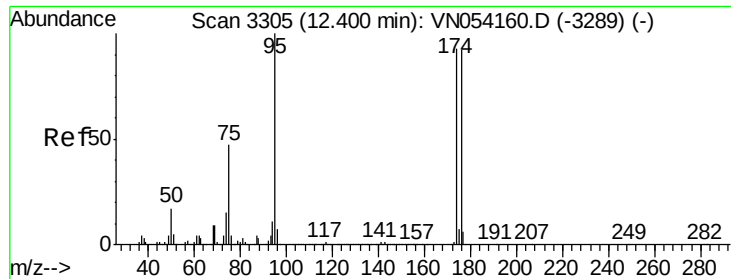
Tgt Ion: 43 Resp: 361105

Ion Ratio Lower Upper

43 100

58 19.8 28.0 83.9#

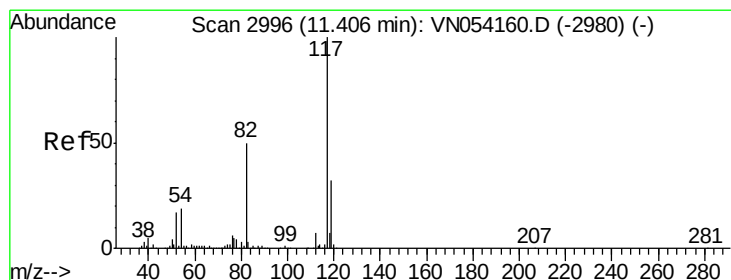
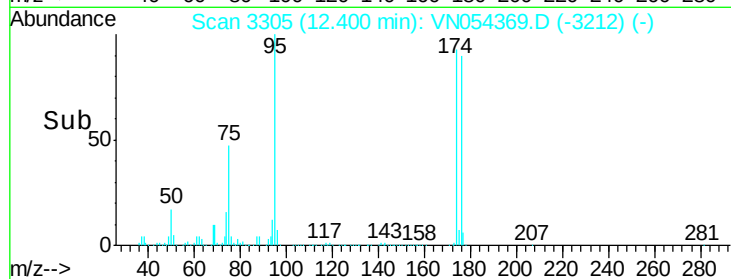
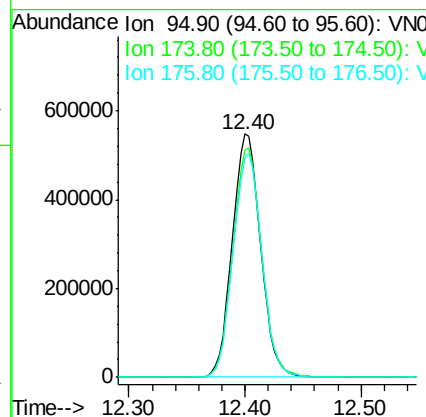
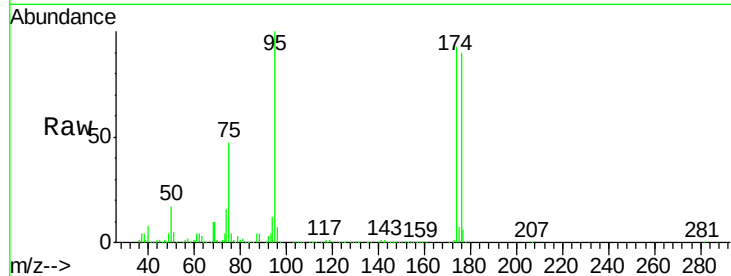




#62
4-Bromofluorobenzene
Concen: 42.063 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

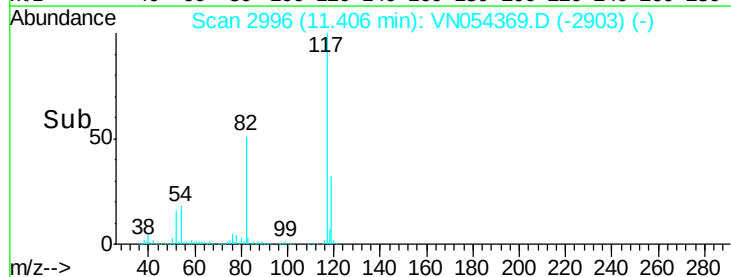
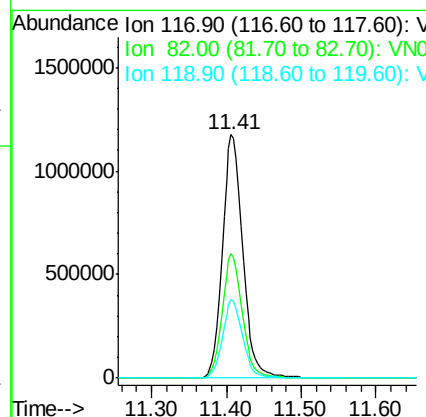
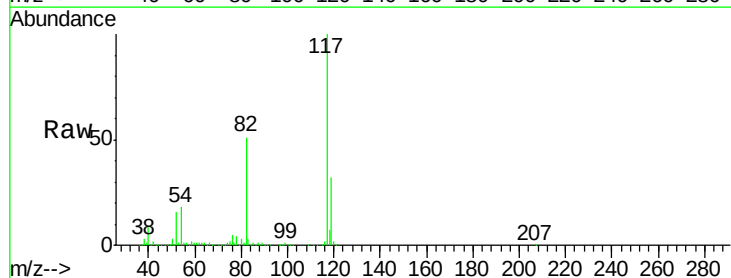
Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-A

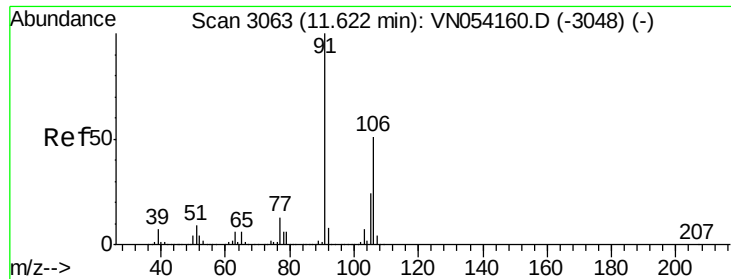
Tot Ion: 95 Resp: 920810
Ion Ratio Lower Upper
95 100
174 95.8 0.0 191.0
176 93.2 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

Tgt Ion: 117 Resp: 2214018
Ion Ratio Lower Upper
117 100
82 51.0 40.0 60.0
119 32.1 25.8 38.6

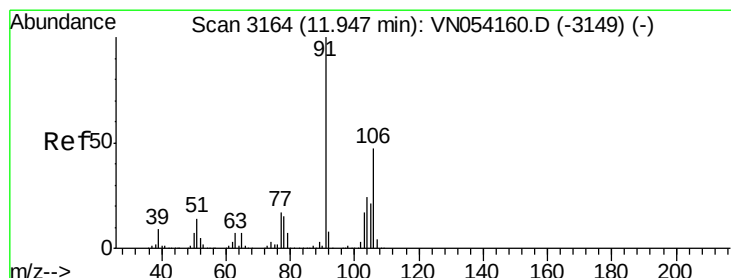
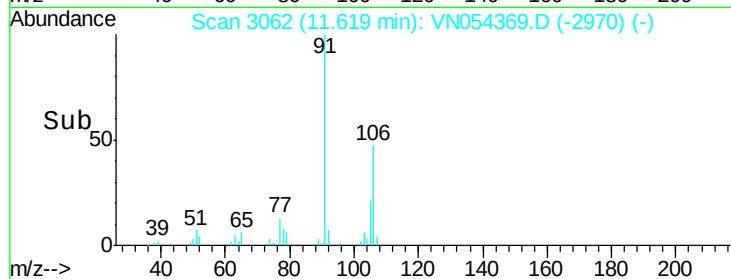
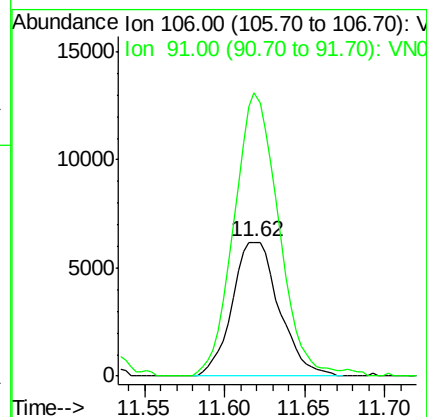
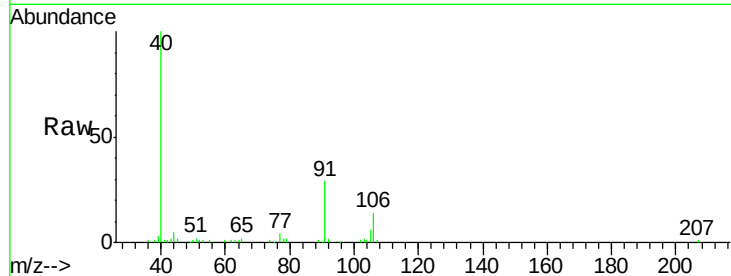




#68
m/p-Xylenes
Concen: 0.395 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

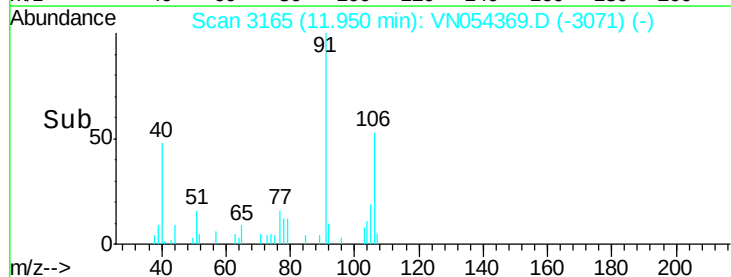
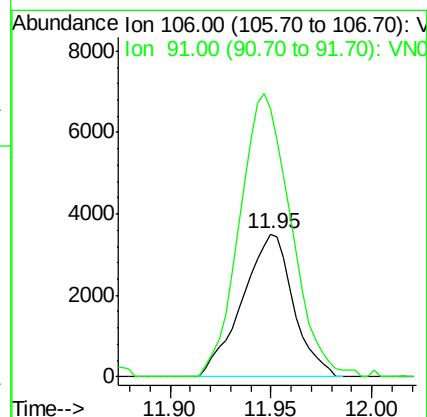
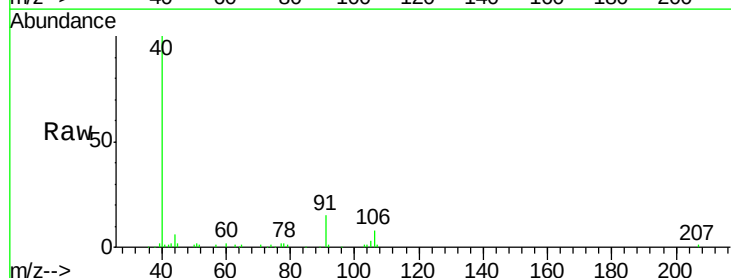
Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-A

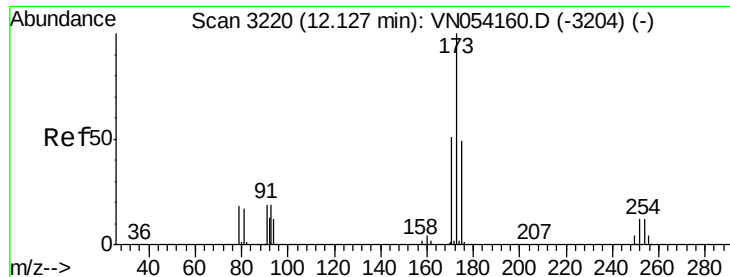
Tot Ion:106 Resp: 12448
Ion Ratio Lower Upper
106 100
91 199.8 159.4 239.2



#69
o-Xylene
Concen: 0.202 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

Tgt Ion:106 Resp: 6193
Ion Ratio Lower Upper
106 100
91 200.0 105.7 317.1





#71

Bromoform

Concen: 2.765 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

SU-01-031519-A

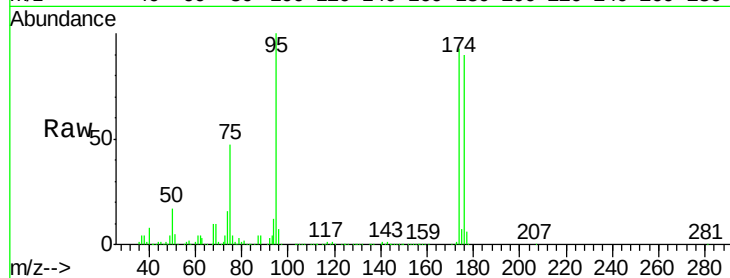
Tot Ion:173 Resp: 5848

Ion Ratio Lower Upper

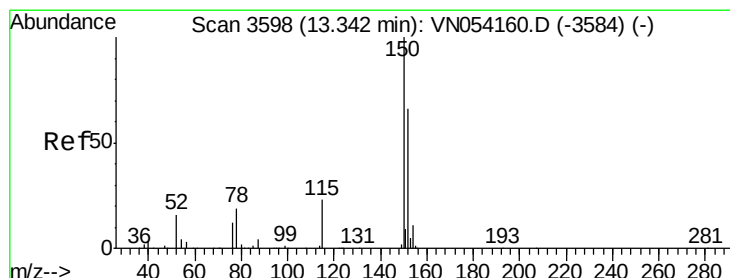
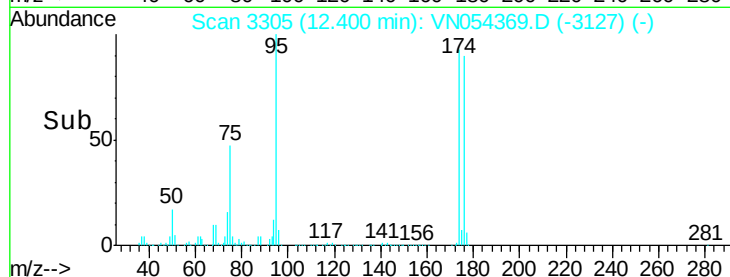
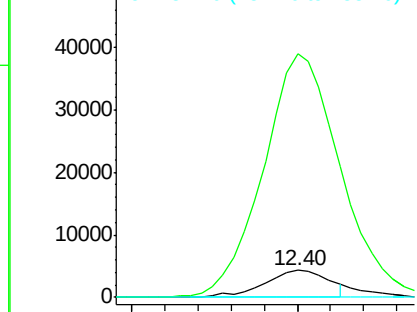
173 100

175 940.0 24.4 73.2#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

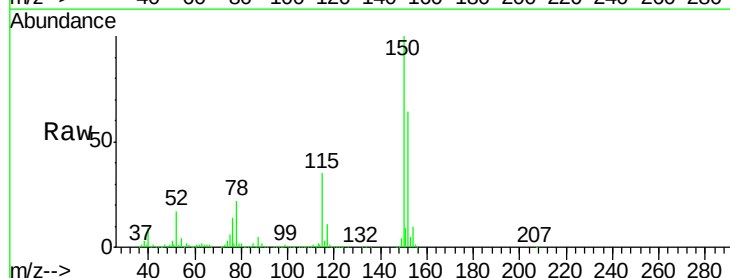
Tgt Ion:152 Resp: 853674

Ion Ratio Lower Upper

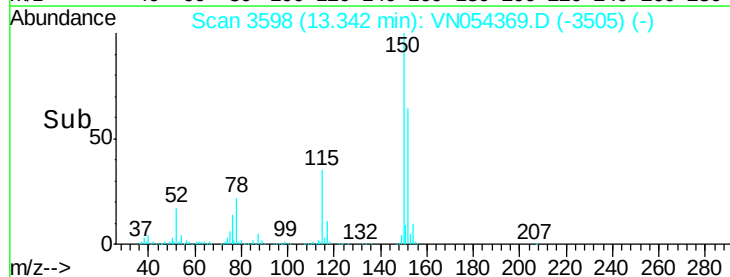
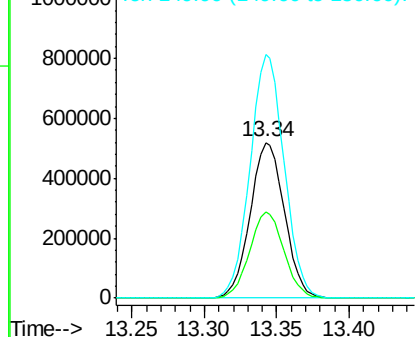
152 100

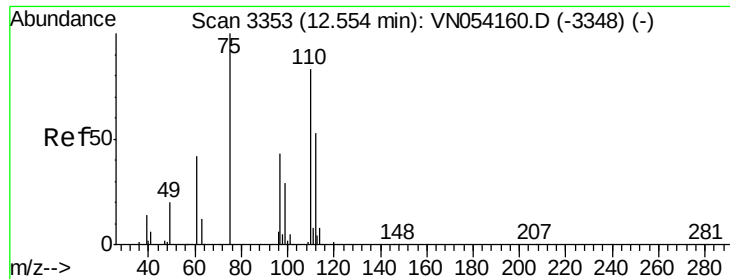
115 55.5 27.2 81.6

150 156.3 0.0 349.2



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: 34.646 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

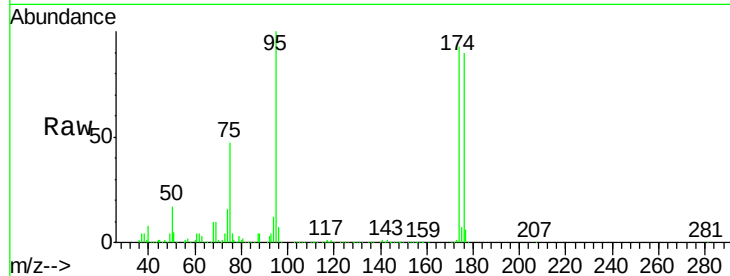
SU-01-031519-A

Tot Ion: 75 Resp: 434932

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

250000

200000

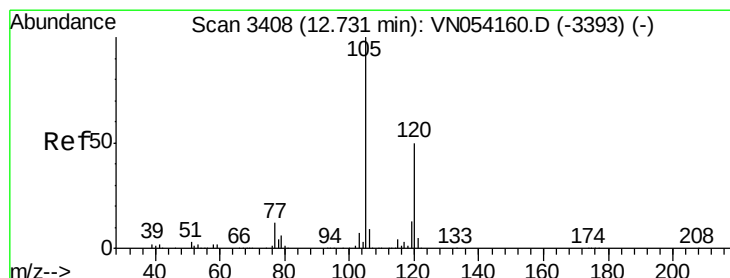
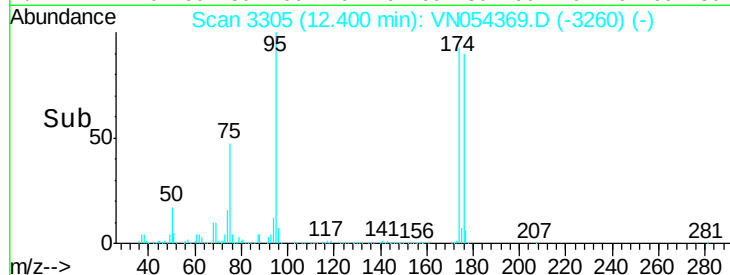
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.532 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054369.D

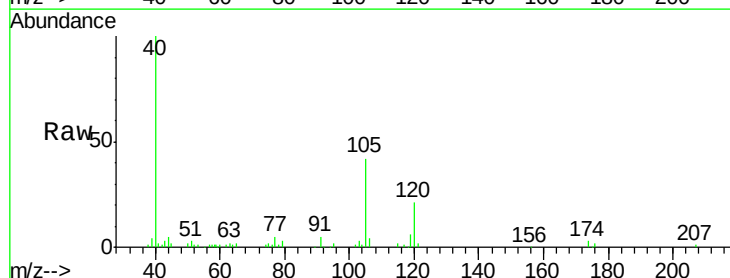
Acq: 17 Mar 2019 6:55

Tgt Ion: 105 Resp: 30222

Ion Ratio Lower Upper

105 100

120 49.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

20000

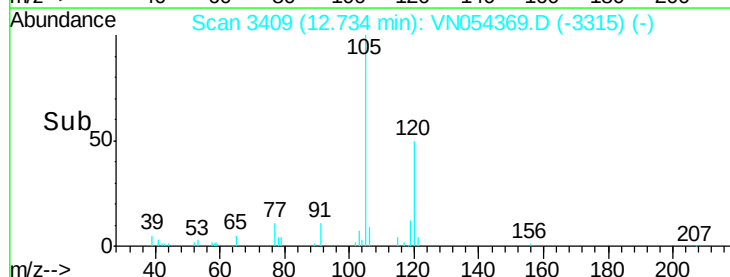
15000

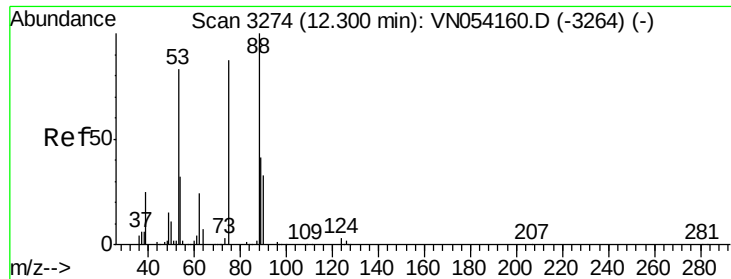
10000

5000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 118.435 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

SU-01-031519-A

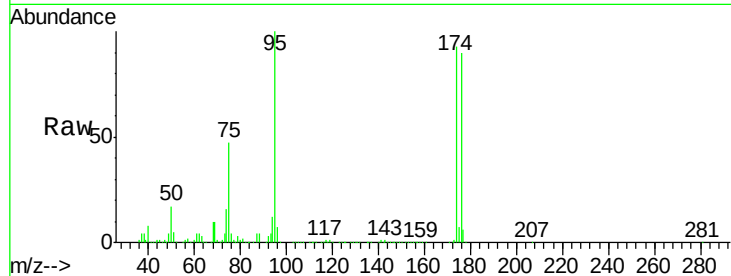
Tot Ion: 75 Resp: 434932

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

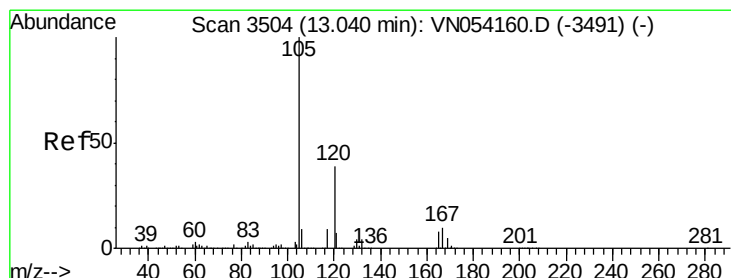
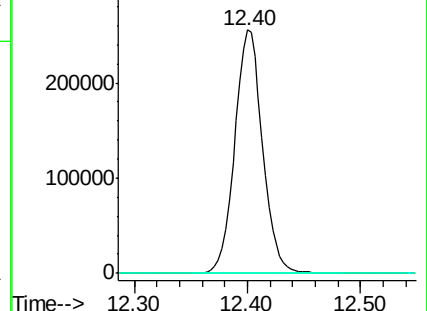
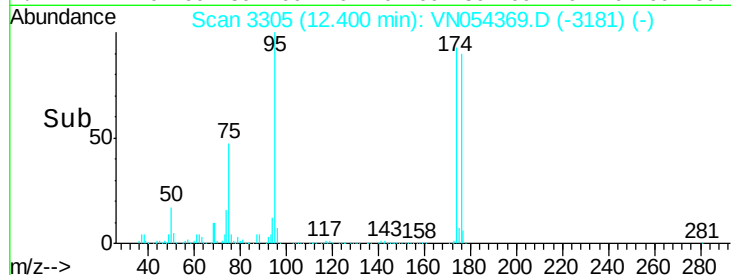
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054369.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054369.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054369.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.958 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054369.D

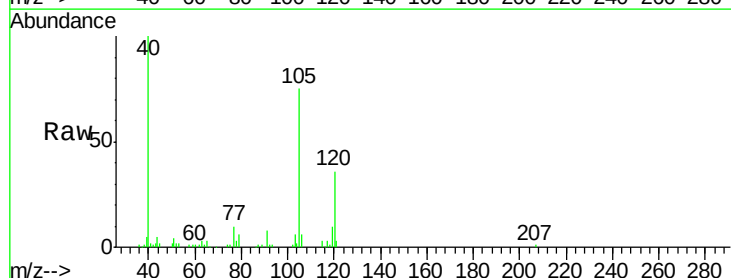
Acq: 17 Mar 2019 6:55

Tgt Ion: 105 Resp: 53393

Ion Ratio Lower Upper

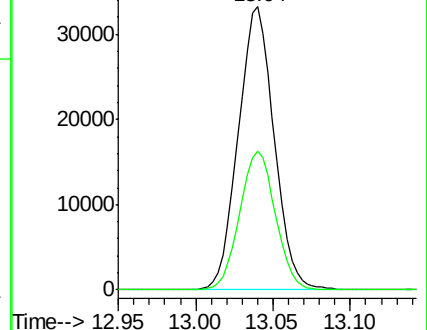
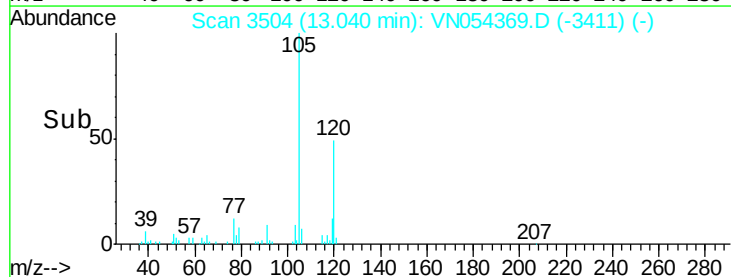
105 100

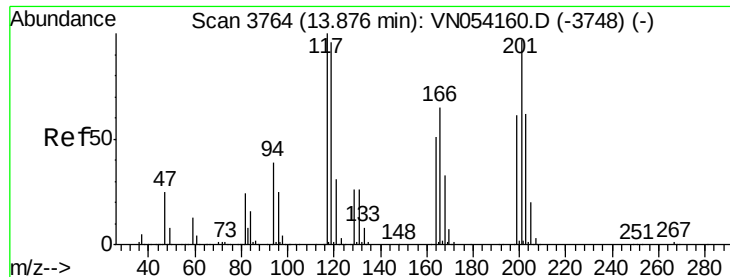
120 48.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VN054369.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN054369.D (-3411) (-)





#90

Hexachloroethane

Concen: 0.237 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

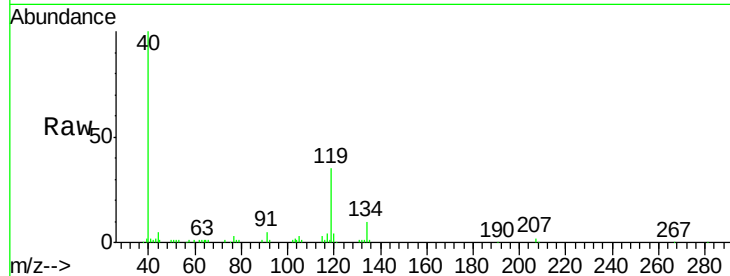
SU-01-031519-A

Tot Ion:117 Resp: 2336

Ion Ratio Lower Upper

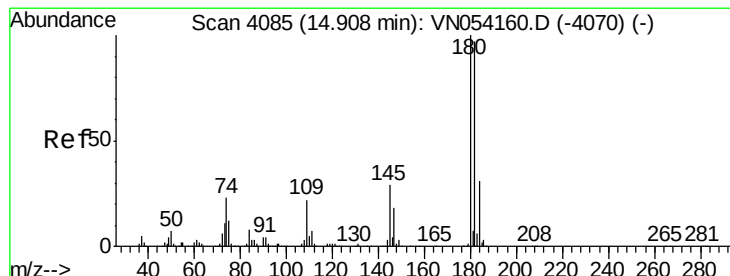
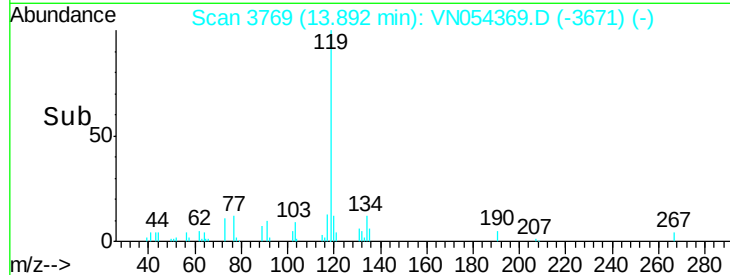
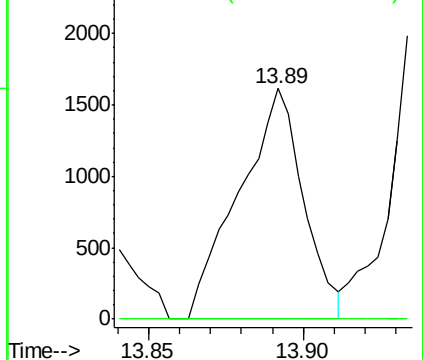
117 100

201 0.0 48.1 144.4#



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: 2.539 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

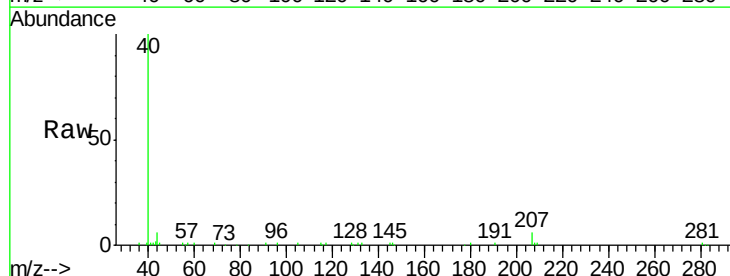
Tgt Ion:180 Resp: 424

Ion Ratio Lower Upper

180 100

182 7.8 48.0 144.2#

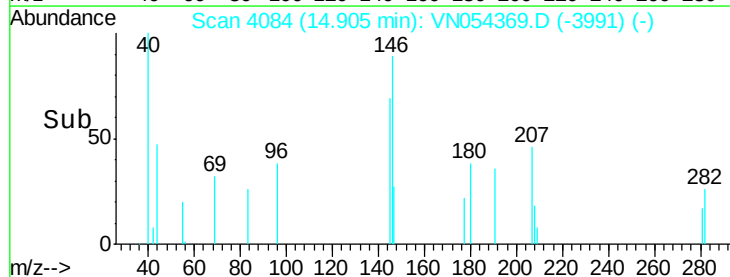
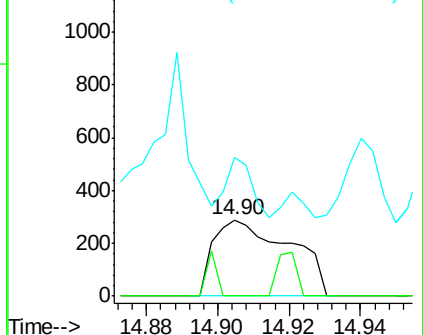
145 93.6 14.2 42.8#

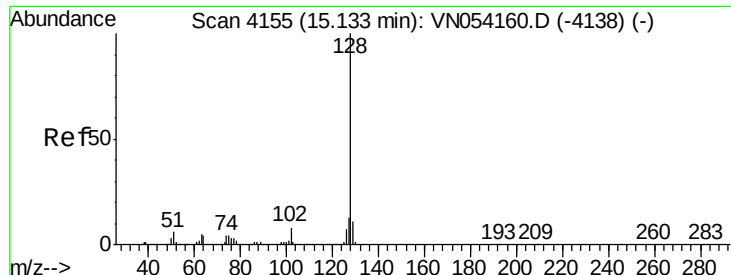


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

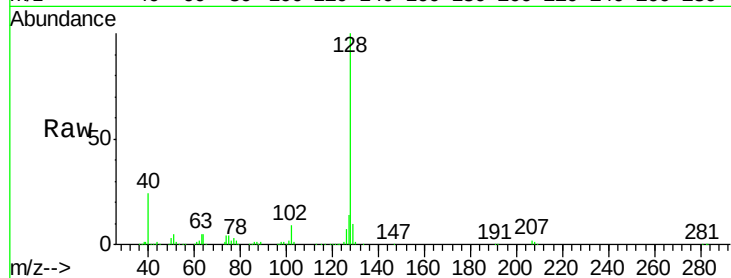




#95
Naphthalene
Concen: 11.407 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.4	8.7	13.1



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

