

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054368.D
 Acq On : 17 Mar 2019 6:27
 Operator : JC/SP
 Sample : K1927-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Quant Time: Mar 18 05:06:12 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	1862445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2712312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2308843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	875988	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	929918	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
35) Dibromofluoromethane	7.59	113	832697	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	
50) Toluene-d8	10.09	98	3138381	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.40	95	951142	42.08	ug/l	0.00
Spiked Amount			Recovery	=	84.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	4227	0.356	ug/l	77
10) Methyl Iodide	3.94	142	67	1.499	ug/l #	45
13) Acrolein	3.62	56	497	0.387	ug/l #	42
16) Acetone	3.82	43	26062	4.602	ug/l	95
18) Methyl Acetate	4.32	43	5434	0.474	ug/l #	66
20) Methylene Chloride	4.54	84	50644	2.723	ug/l	90
25) 2-Butanone	6.85	43	1540	0.232	ug/l	96
29) Tetrahydrofuran	7.23	42	2825	0.661	ug/l #	71
31) Cyclohexane	7.66	56	28334	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	109684	4.391	ug/l #	48
38) Carbon Tetrachloride	7.66	117	152249	5.812	ug/l #	16
43) Isopropyl Acetate	8.17	43	28446	1.129	ug/l	97
48) Methyl methacrylate	9.18	41	13861	1.084	ug/l #	11
49) 1,4-Dioxane	9.18	88	65	0.359	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	15751	1.181	ug/l #	36
52) Toluene	10.16	92	34266	0.756	ug/l	91
53) t-1,3-Dichloropropene	10.39	75	65	1.988	ug/l #	81
54) cis-1,3-Dichloropropene	9.90	75	135587	4.840	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	26339	0.973	ug/l #	43
59) 2-Hexanone	10.77	43	354902	40.008	ug/l #	49
67) Ethyl Benzene	11.51	91	55546	0.661	ug/l	99
68) m/p-Xylenes	11.62	106	73412	2.235	ug/l	99
69) o-Xylene	11.95	106	49212	1.537	ug/l	95
71) Bromoform	12.40	173	5821	2.746	ug/l #	1
74) N-amyl acetate	11.88	43	34535	2.220	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	452244	35.107	ug/l #	100
78) n-propylbenzene	12.59	91	26947	0.354	ug/l	99
79) 2-Chlorotoluene	12.66	91	11053	0.242	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	46357	0.795	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	452244	120.012	ug/l #	11
83) tert-Butylbenzene	13.04	119	21477	0.400	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.04	105	173750	3.038	ug/l	99
90) Hexachloroethane	13.89	117	2496	0.247	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	275	2.531	ug/l #	60

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Instrument :
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DRUM-COMP

Quant Time: Mar 18 05:06:12 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

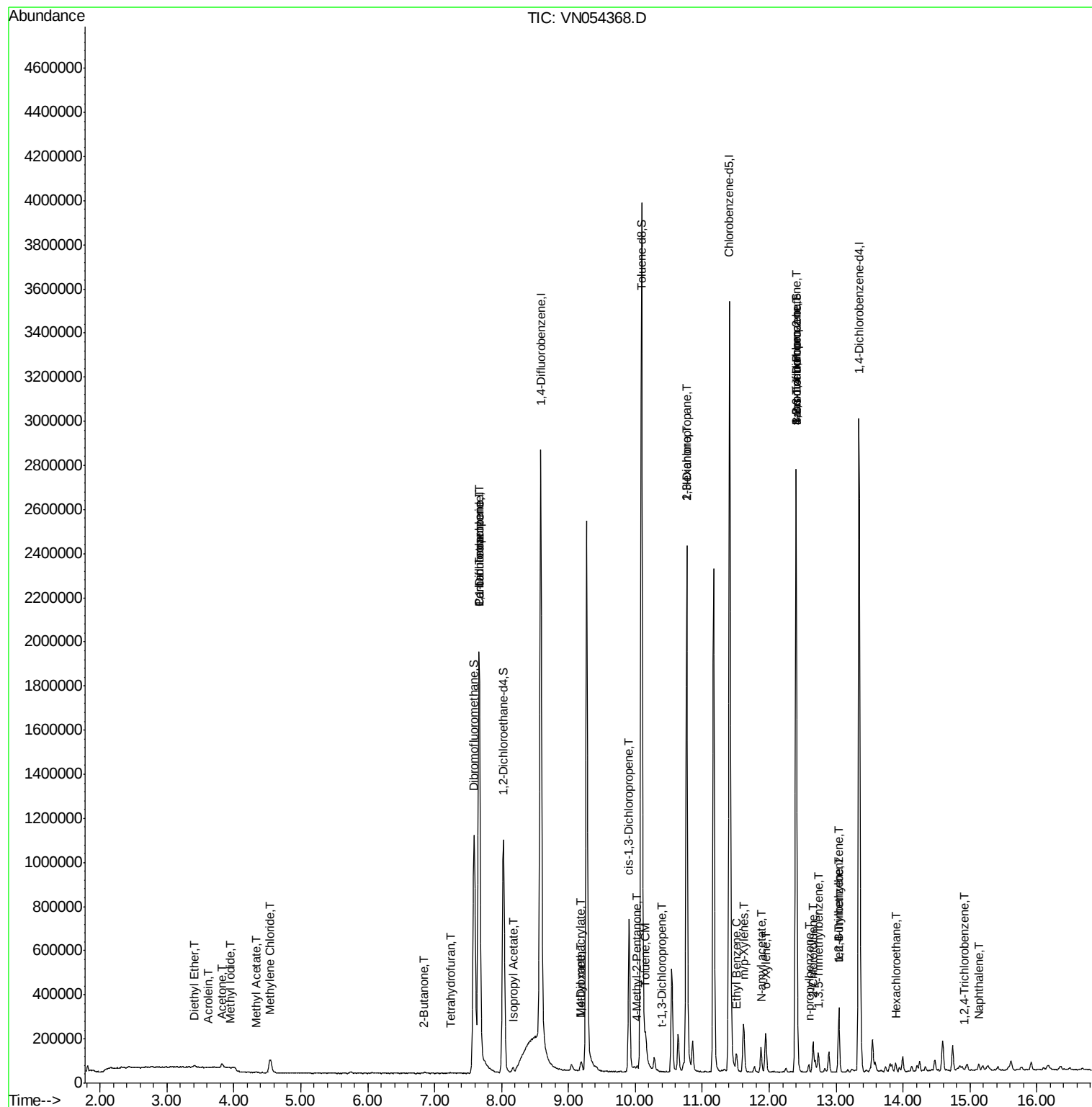
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	23894	4.048	ug/l	99

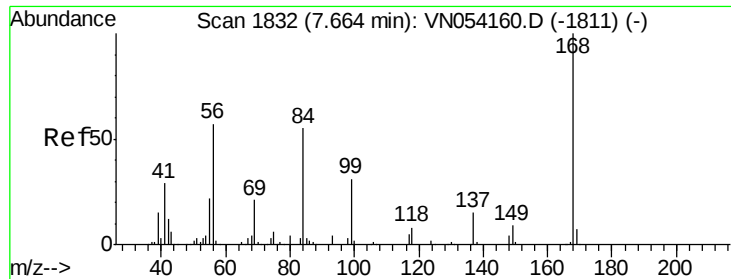
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054368.D
Acq On : 17 Mar 2019 6:27
Operator : JC/SP
Sample : K1927-03
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Mar 18 05:06:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampleId :

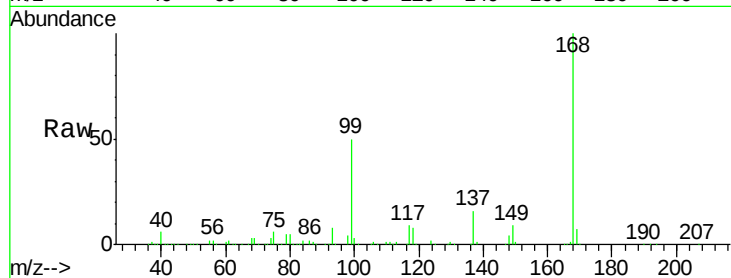
DRUM-COMP

Tot Ion:168 Resp: 1862445

Ion Ratio Lower Upper

168 100

99 49.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

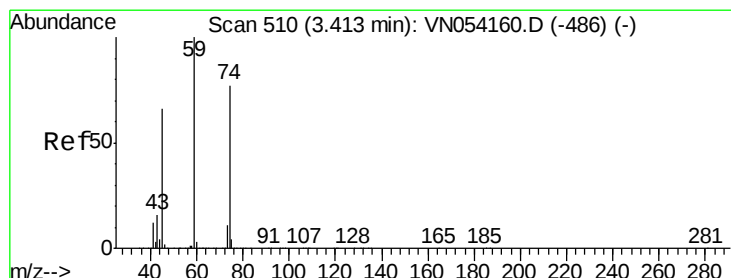
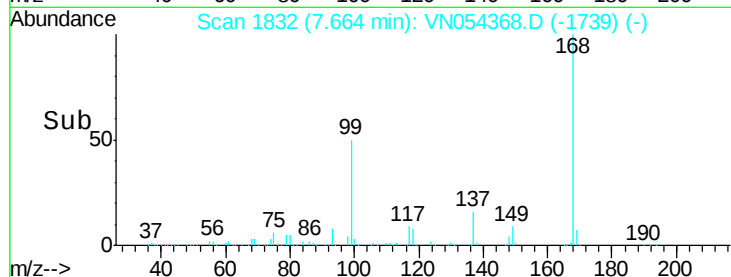
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.356 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN054368.D

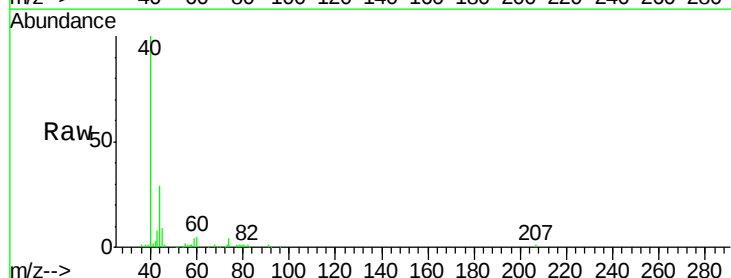
Acq: 17 Mar 2019 6:27

Tgt Ion: 74 Resp: 4227

Ion Ratio Lower Upper

74 100

45 107.6 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

5000

4000

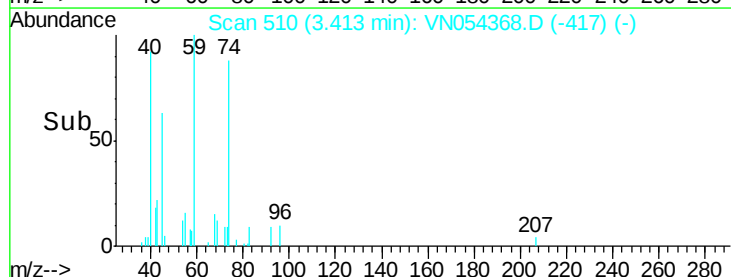
3000

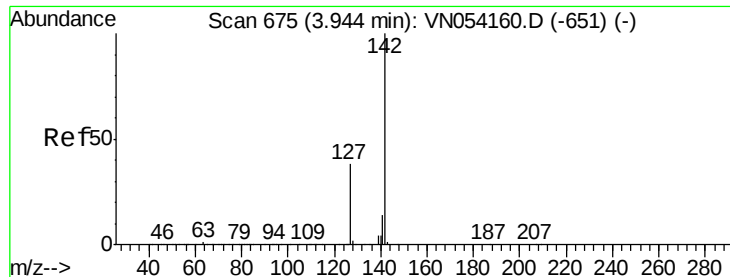
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1000

0

Time-->

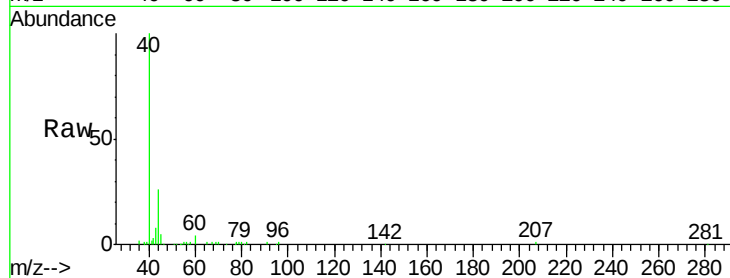




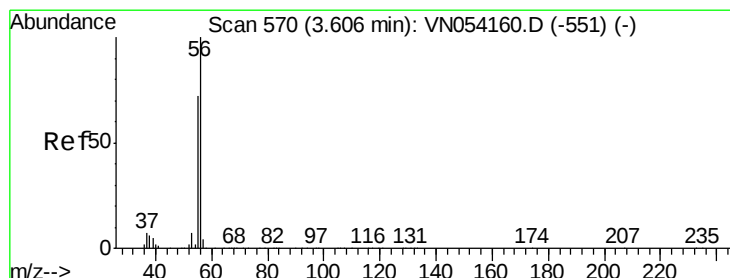
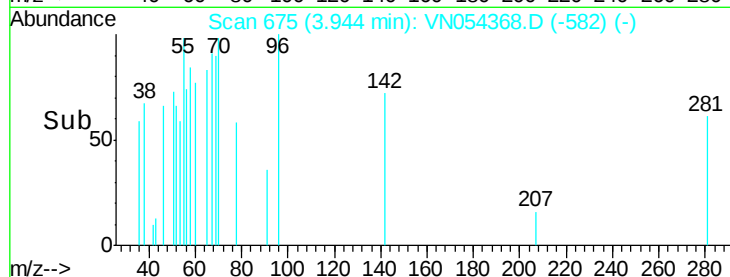
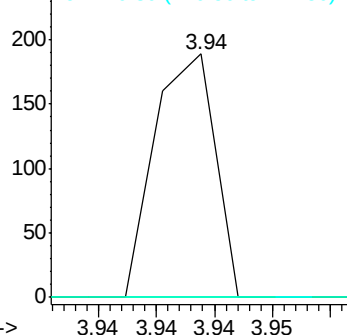
#10
Methvl Iodide
Concen: 1.499 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tot Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 30.3 45.5#
141 0.0 11.2 16.8#

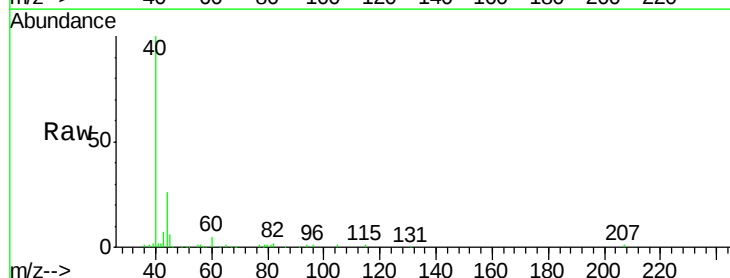


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

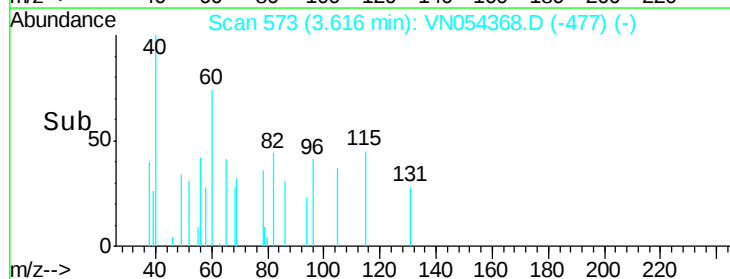
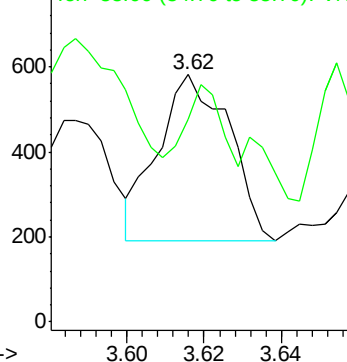


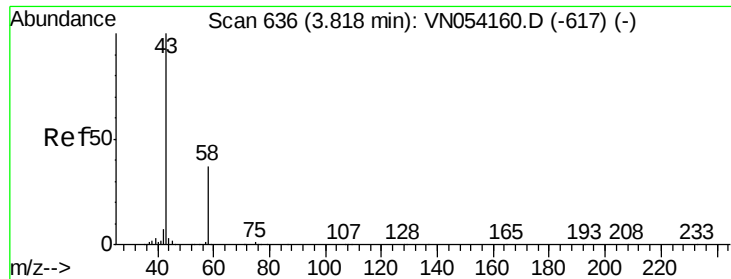
#13
Acrolein
Concen: 0.387 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Tgt Ion: 56 Resp: 497
Ion Ratio Lower Upper
56 100
55 23.3 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): V
Ion 55.00 (54.70 to 55.70): V





#16

Acetone

Concen: 4.602 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampleId :

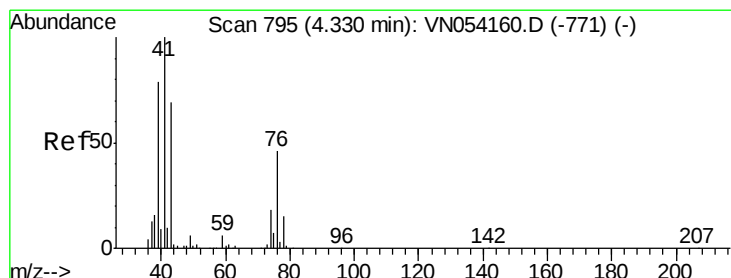
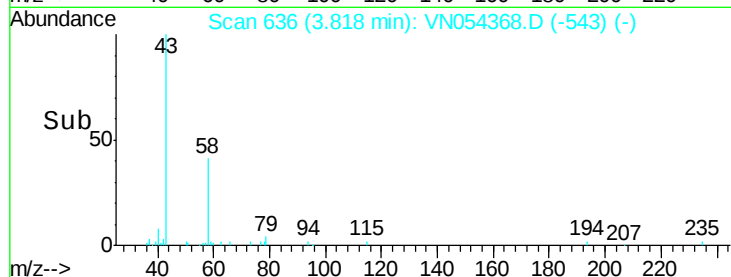
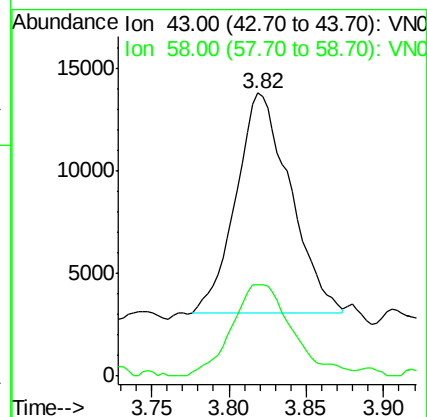
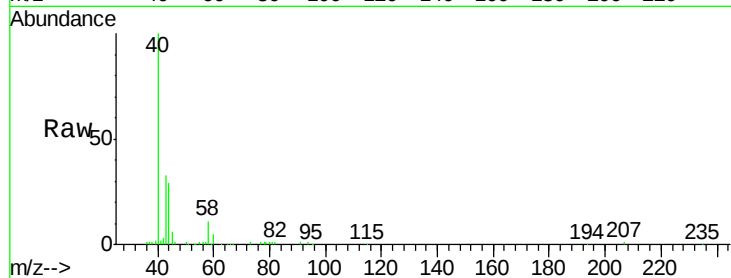
DRUM-COMP

Tot Ion: 43 Resp: 26062

Ion Ratio Lower Upper

43 100

58 40.1 29.9 44.9



#18

Methyl Acetate

Concen: 0.474 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN054368.D

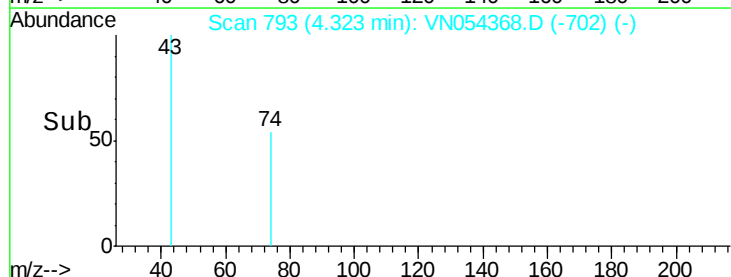
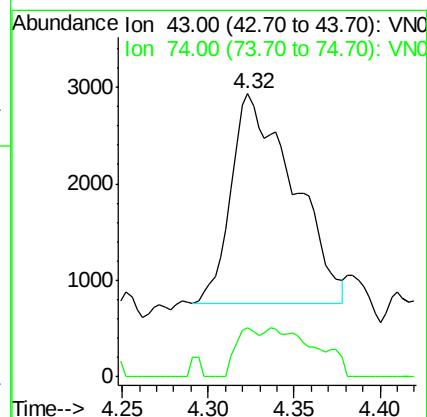
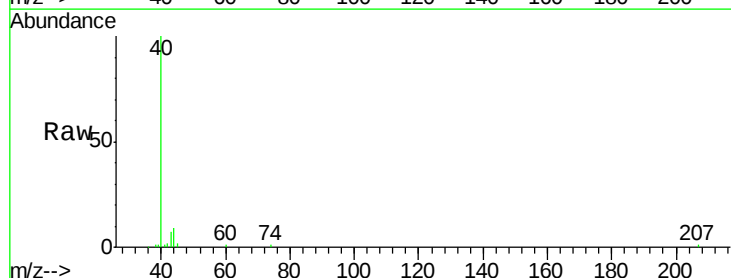
Acq: 17 Mar 2019 6:27

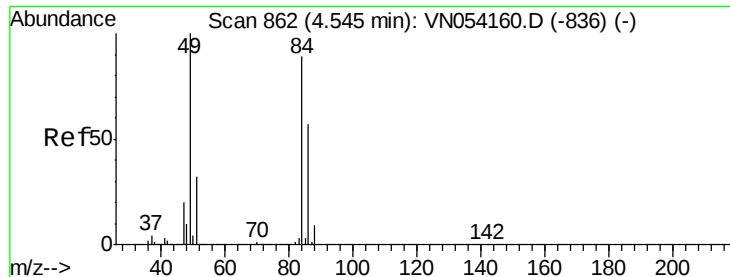
Tgt Ion: 43 Resp: 5434

Ion Ratio Lower Upper

43 100

74 8.8 20.8 31.2#

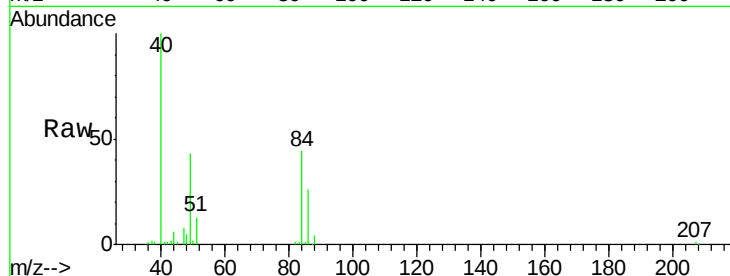




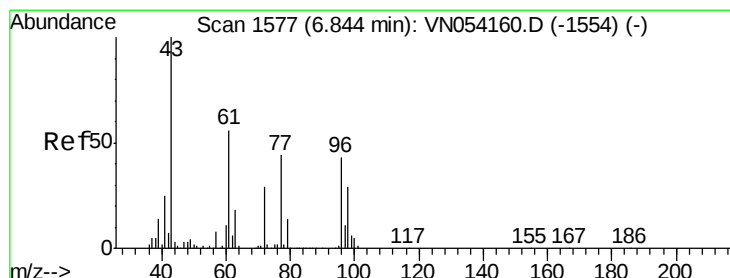
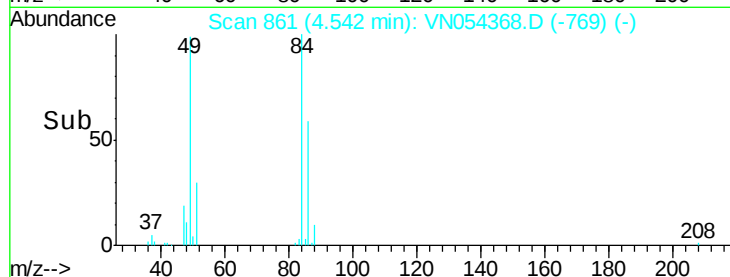
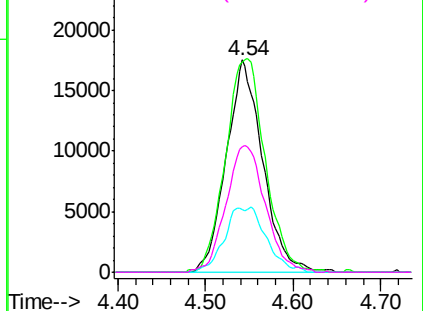
#20
Methvlene Chloride
Concen: 2.723 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tot Ion:	84	Resp:	50644
Ion	Ratio	Lower	Upper
84	100		
49	99.2	89.7	134.5
51	29.7	28.2	42.4
86	59.3	50.8	76.2

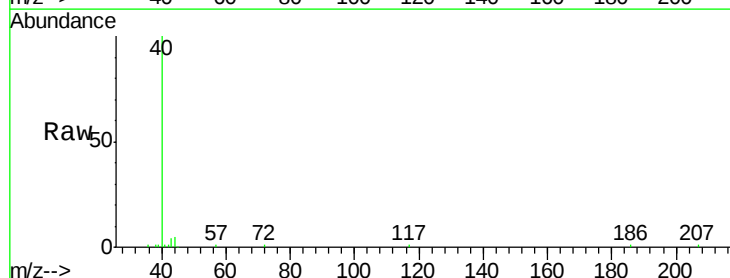


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

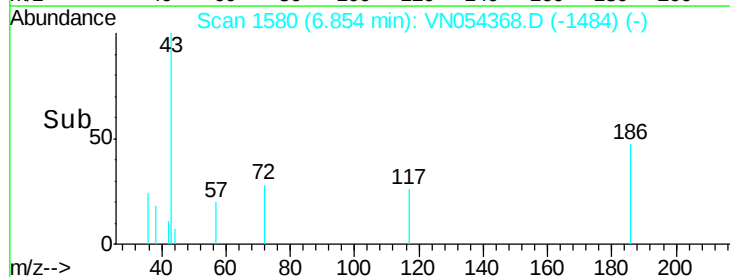
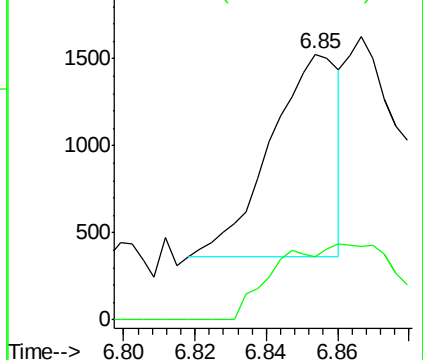


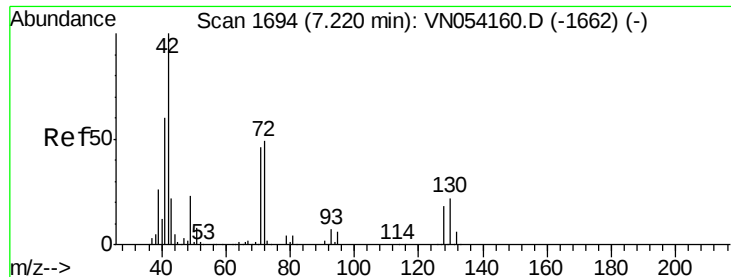
#25
2-Butanone
Concen: 0.232 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Tgt Ion:	43	Resp:	1540
Ion	Ratio	Lower	Upper
43	100		
72	31.1	23.0	34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.661 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.01 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP

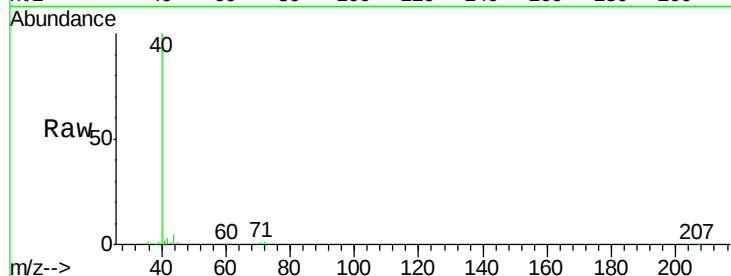
Tot Ion: 42 Resp: 2825

Ion Ratio Lower Upper

42 100

72 30.8 37.8 56.6#

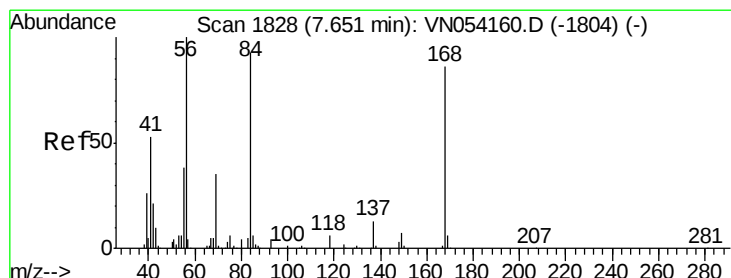
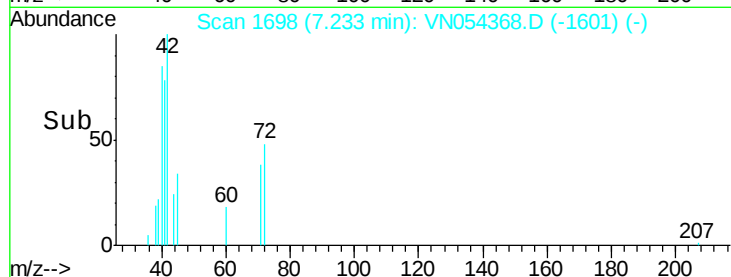
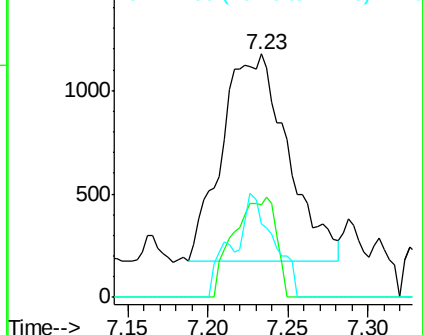
71 23.2 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

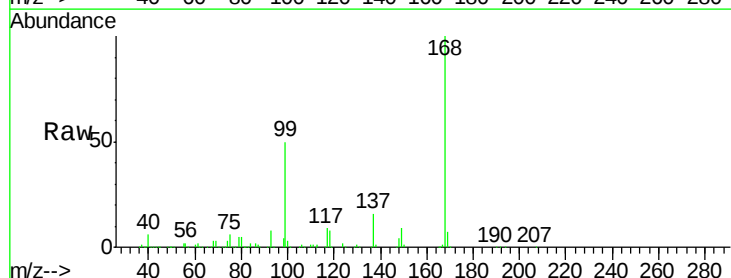
Tgt Ion: 56 Resp: 28334

Ion Ratio Lower Upper

56 100

69 179.0 27.8 41.6#

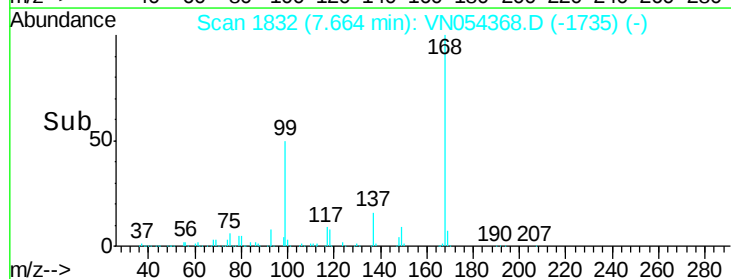
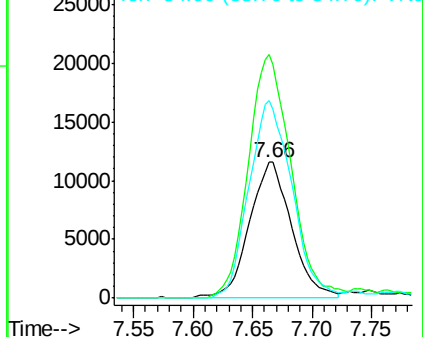
84 144.8 74.6 111.8#

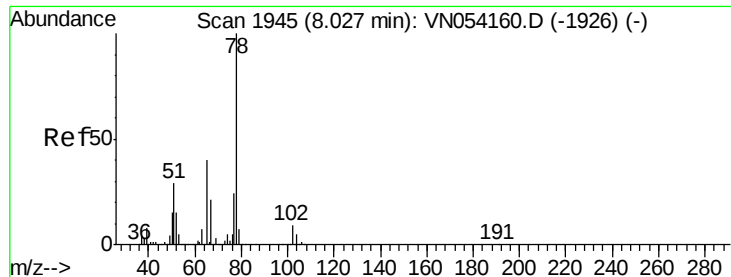


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

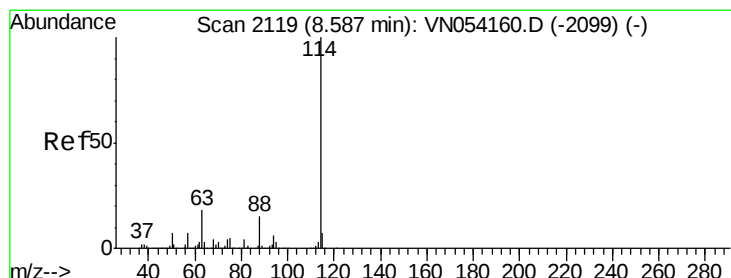
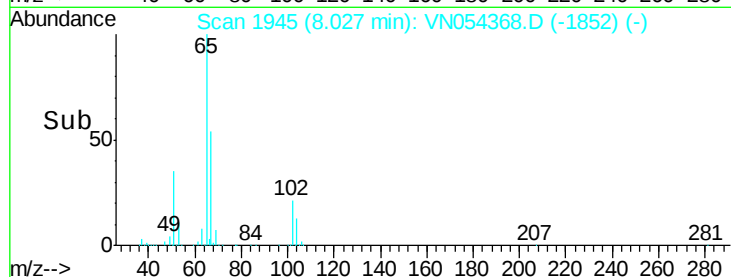
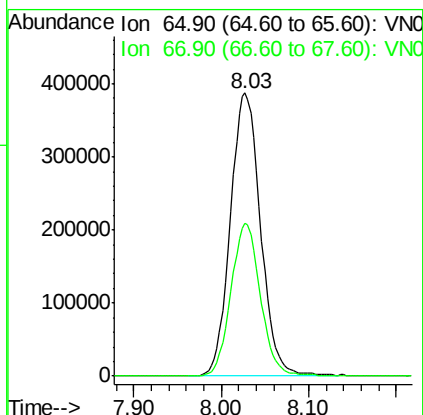
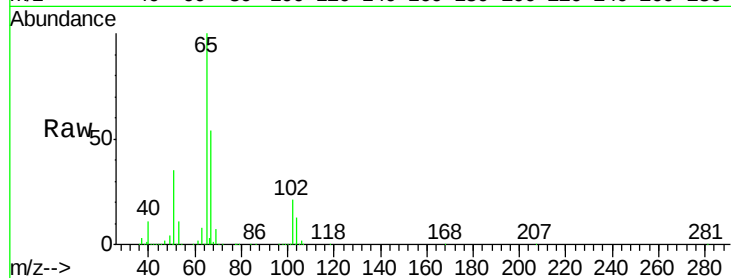




#33
 1,2-Dichloroethane-d4
 Concen: 47.015 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054368.D
 Acq: 17 Mar 2019 6:27

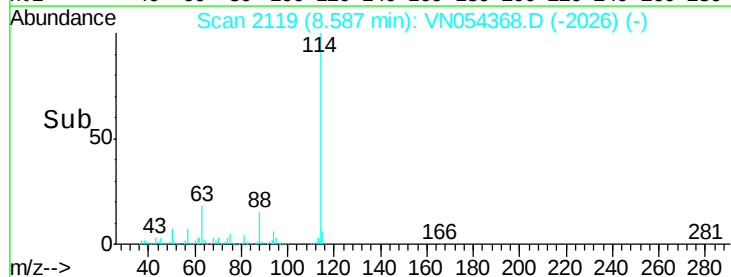
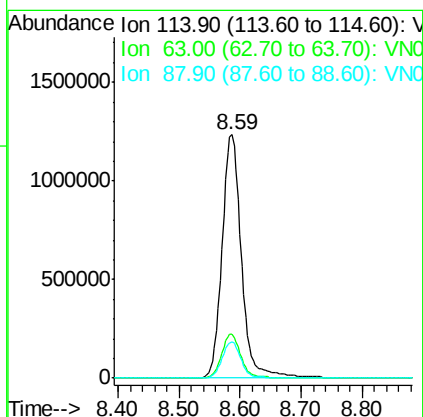
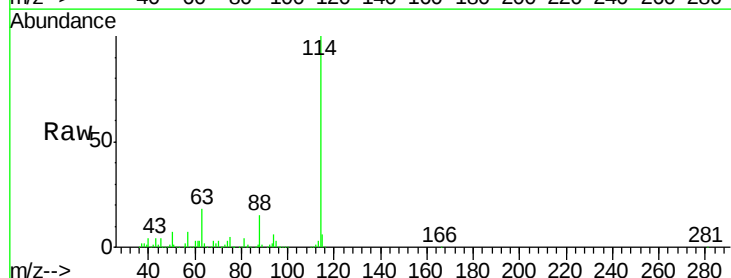
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

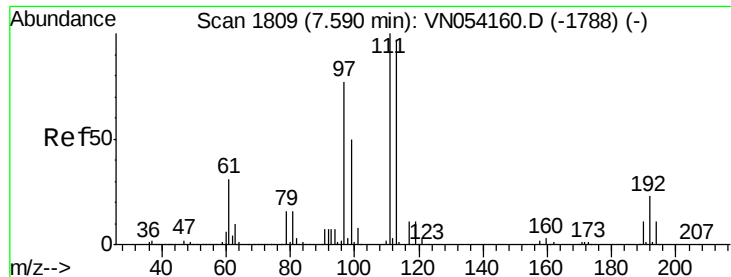
Tot Ion: 65 Resp: 929918
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054368.D
 Acq: 17 Mar 2019 6:27

Tgt Ion: 114 Resp: 2712312
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 14.8 0.0 30.2

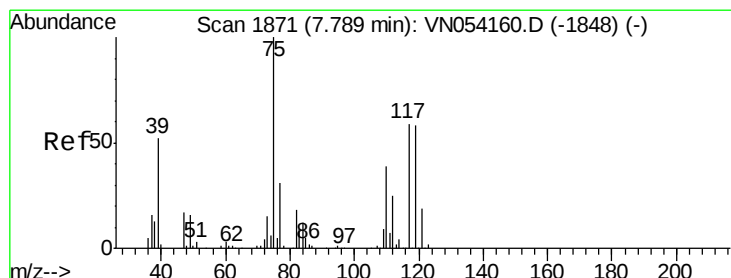
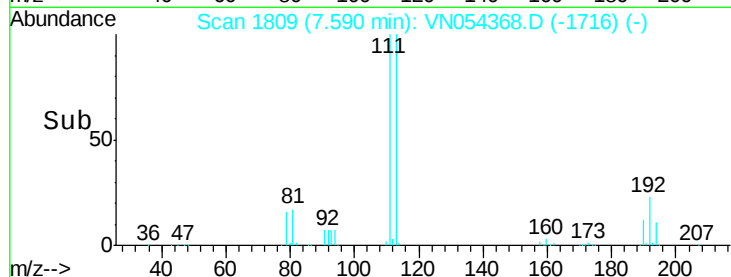
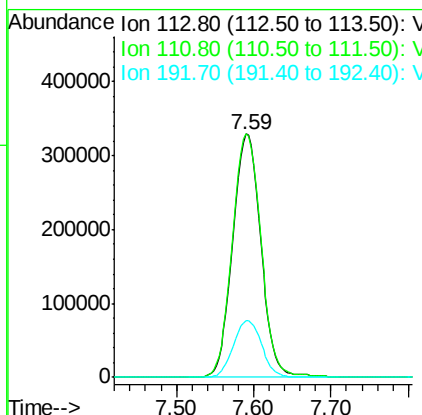
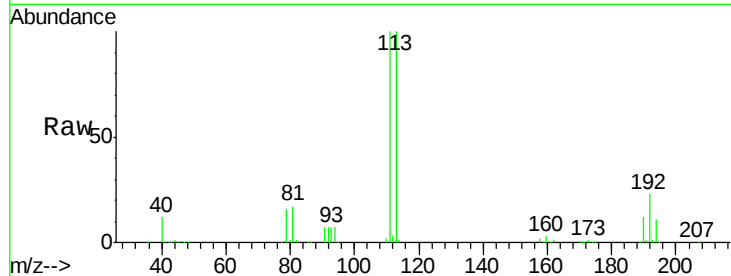




#35
 Dibromofluoromethane
 Concen: 47.601 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054368.D
 Acq: 17 Mar 2019 6:27

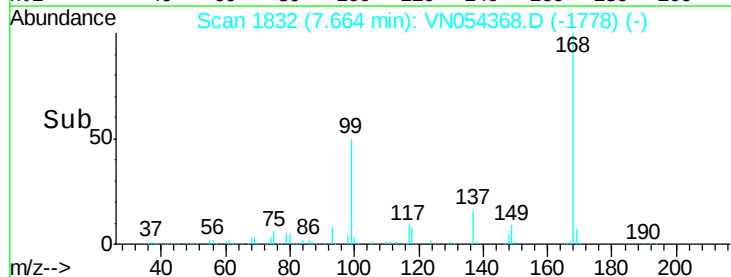
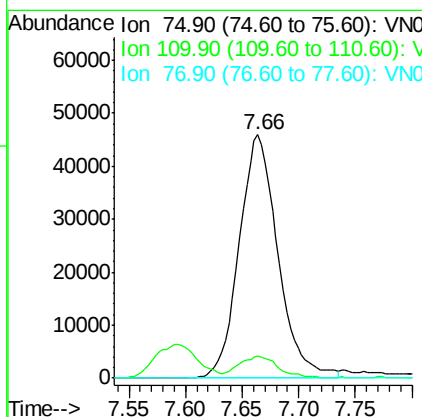
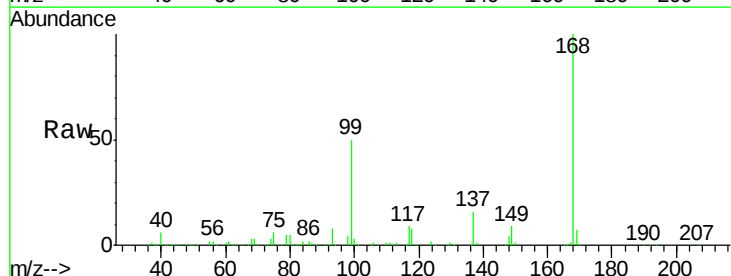
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

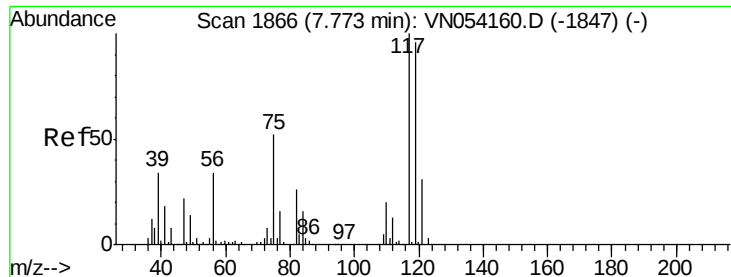
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	23.3	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 4.391 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054368.D
 Acq: 17 Mar 2019 6:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.1	57.5#
77	0.1	25.0	37.4#

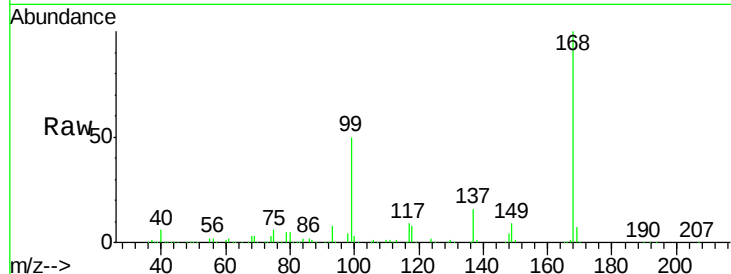




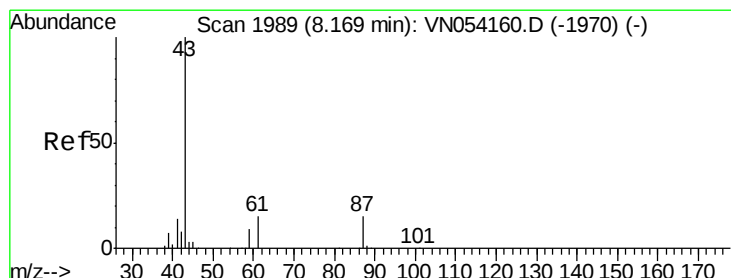
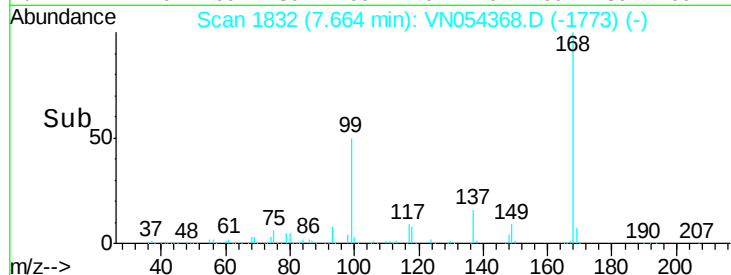
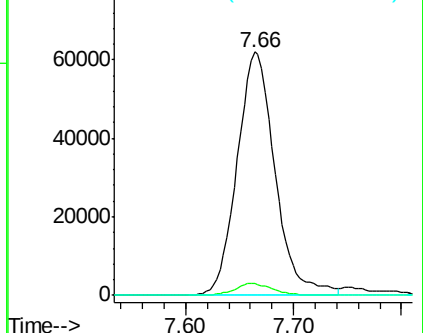
#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Instrument :
MSVOA_N
ClientSampled :
DRUM-COMP

Tot Ion:117 Resp: 152249
Ion Ratio Lower Upper
117 100
119 4.6 76.3 114.5#
121 0.0 24.6 36.8#

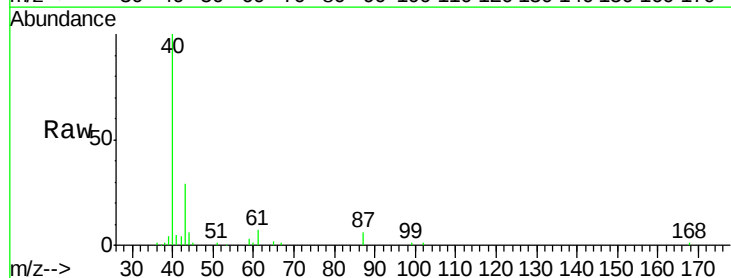


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

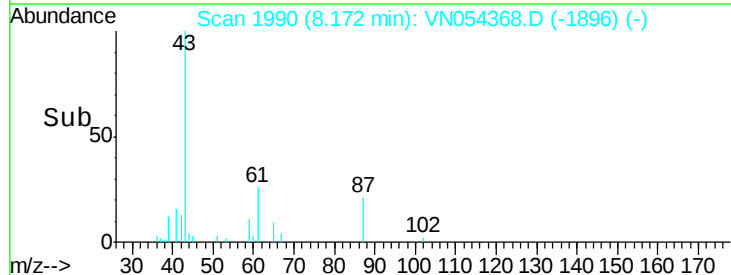
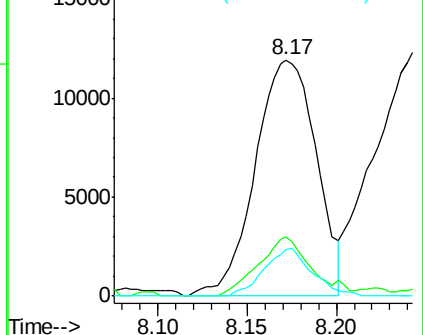


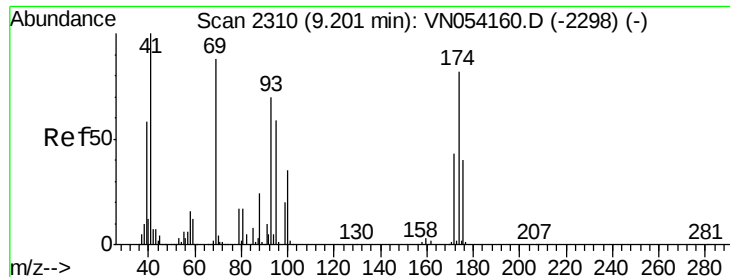
#43
Isopropyl Acetate
Concen: 1.129 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Tgt Ion: 43 Resp: 28446
Ion Ratio Lower Upper
43 100
61 21.6 15.8 23.8
87 15.9 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

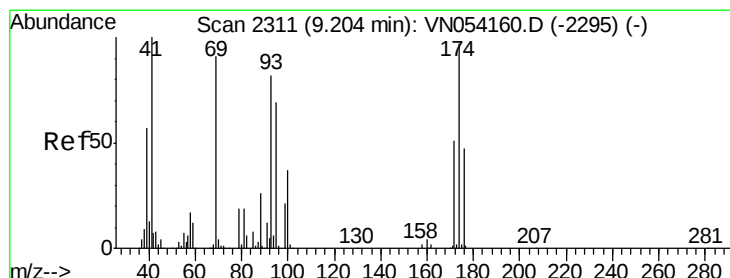
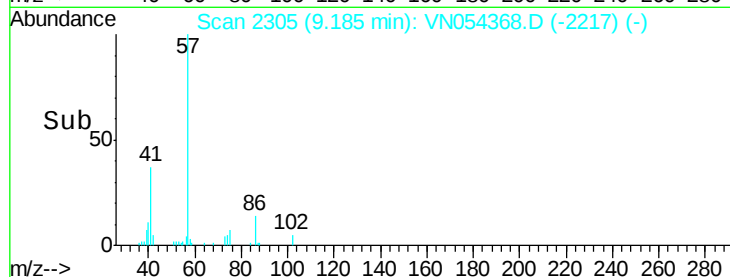
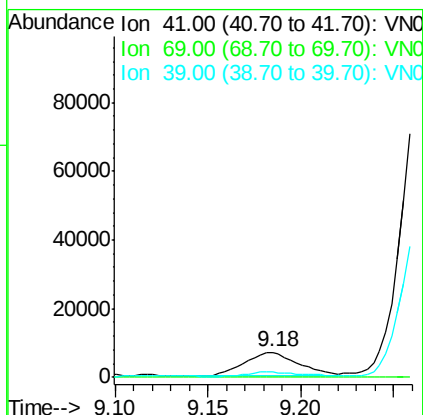
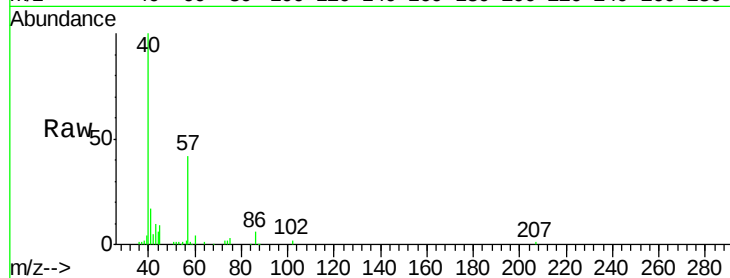




#48
Methvl methacrylate
Concen: 1.084 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

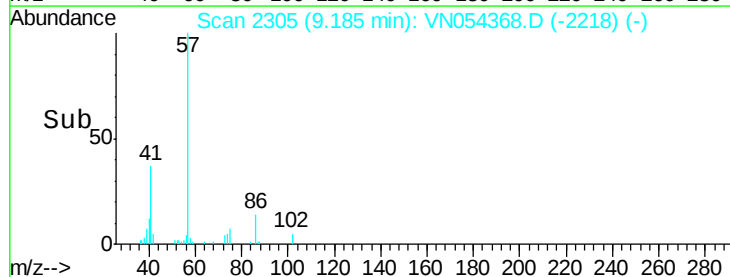
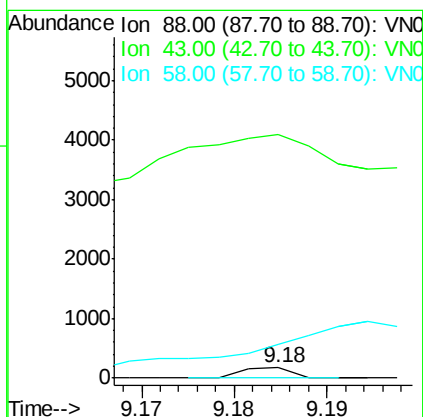
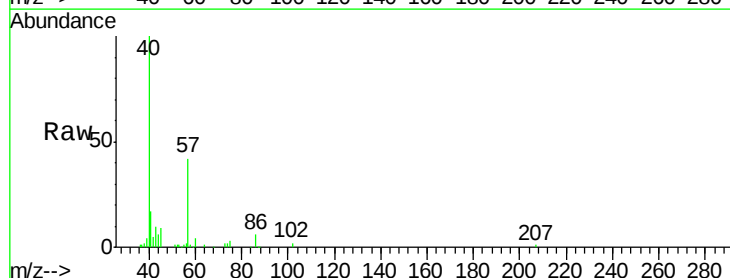
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

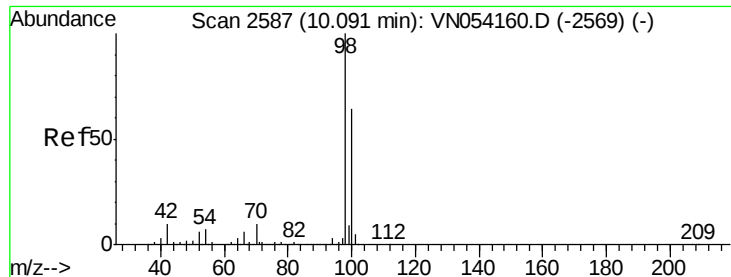
Tot Ion: 41 Resp: 13861
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 0.359 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 2675.4 50.8 76.2#





#50

Toluene-d8

Concen: 48.578 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampleId :

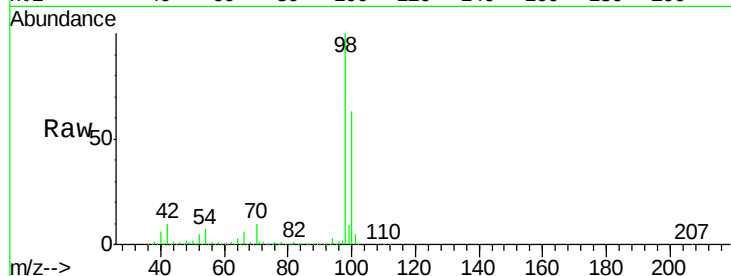
DRUM-COMP

Tot Ion: 98 Resp: 3138381

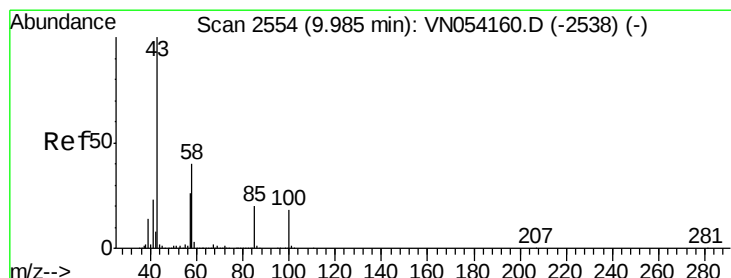
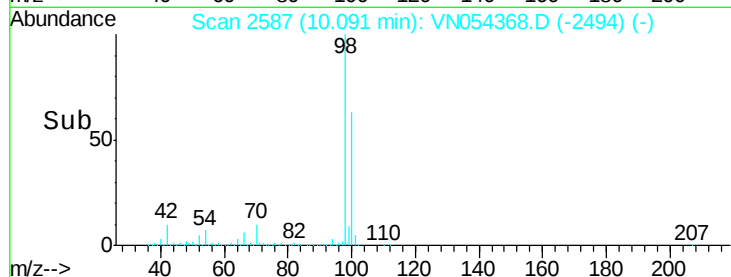
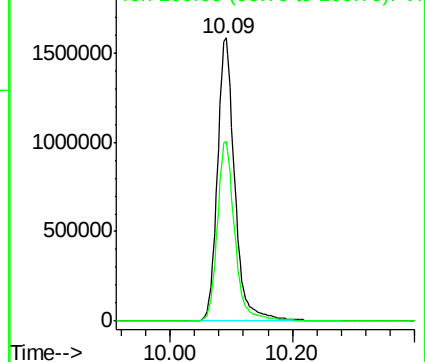
Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054368.D (-2494) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.181 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054368.D

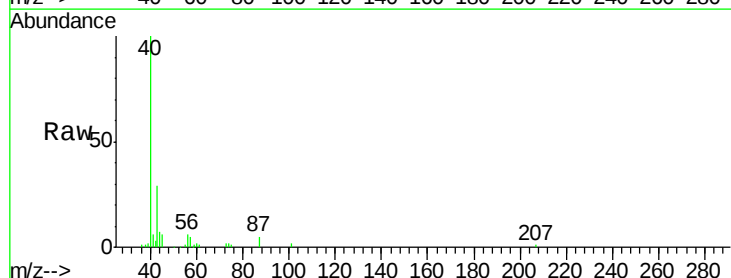
Acq: 17 Mar 2019 6:27

Tgt Ion: 43 Resp: 15751

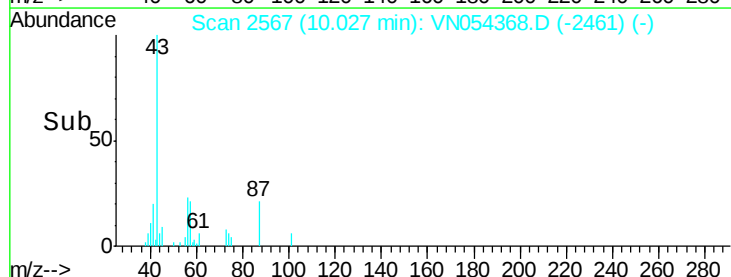
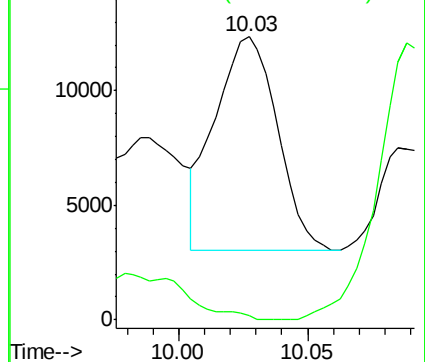
Ion Ratio Lower Upper

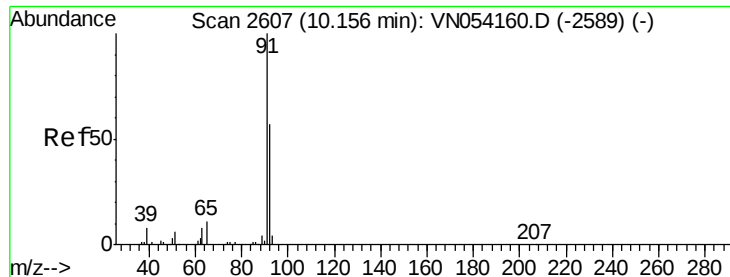
43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054368.D (-2461) (-)





#52

Toluene

Concen: 0.756 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampleId :

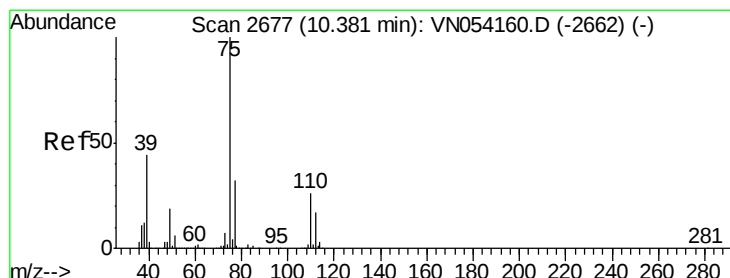
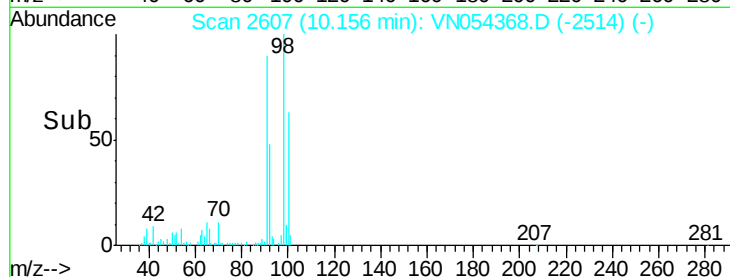
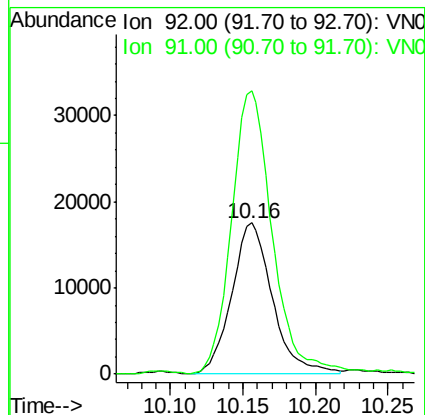
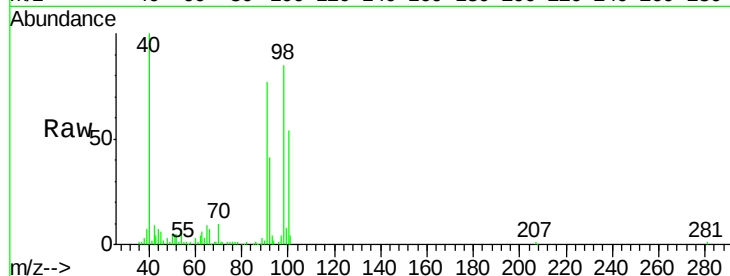
DRUM-COMP

Tot Ion: 92 Resp: 34266

Ion Ratio Lower Upper

92 100

91 188.6 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 1.988 ug/l

RT: 10.39 min Scan# 2680

Delta R.T. 0.01 min

Lab File: VN054368.D

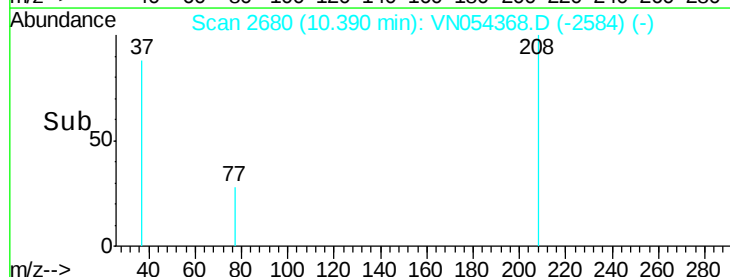
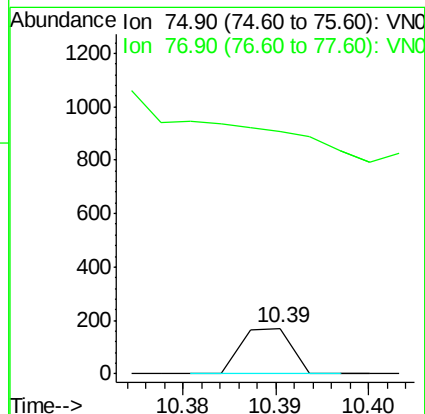
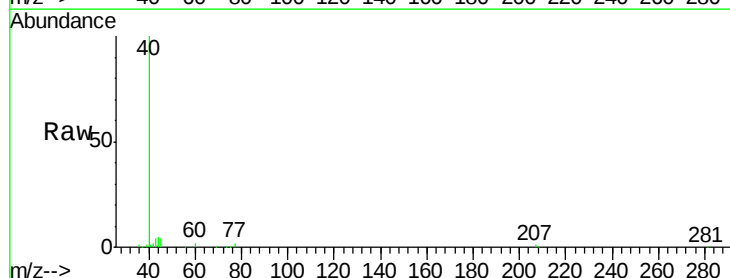
Acq: 17 Mar 2019 6:27

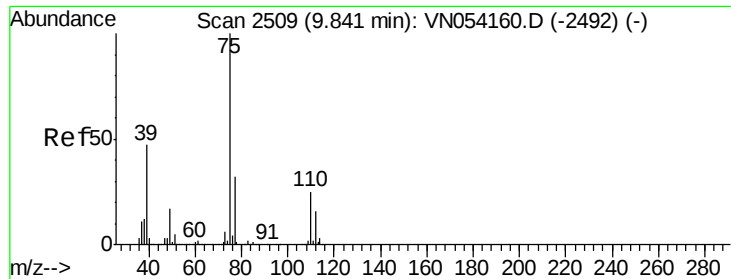
Tgt Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

77 42.9 25.8 38.8#





#54

cis-1,3-Dichloropropene

Concen: 4.840 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP

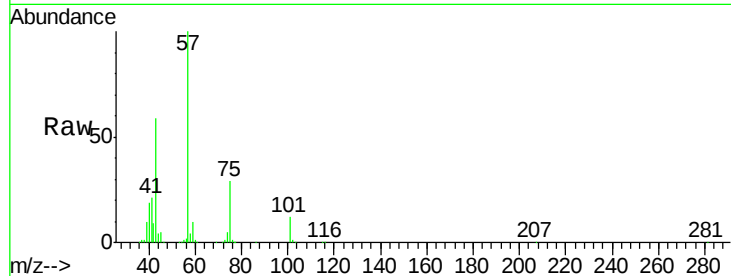
Tot Ion: 75 Resp: 135587

Ion Ratio Lower Upper

75 100

77 0.9 25.4 38.0#

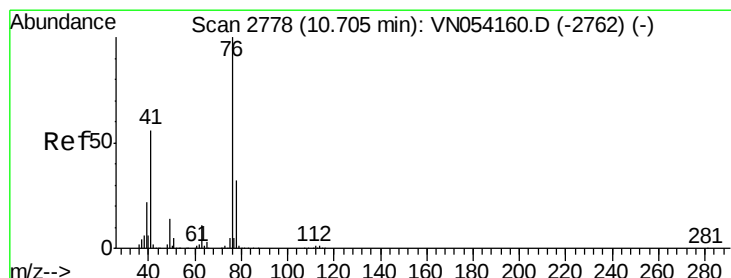
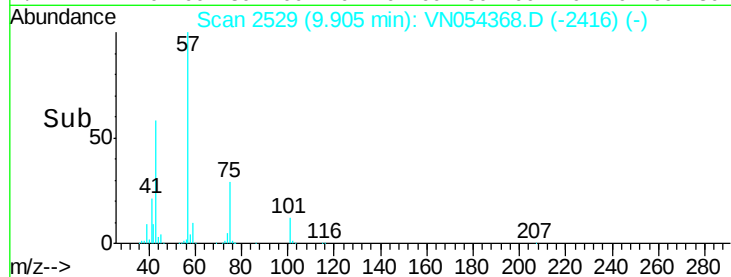
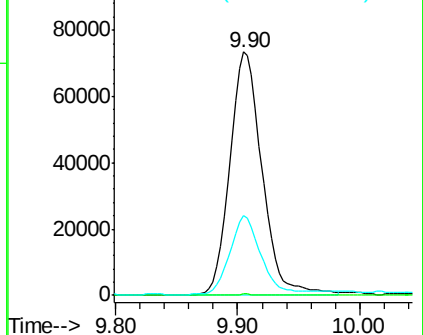
39 32.2 37.2 55.8#



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: 0.973 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054368.D

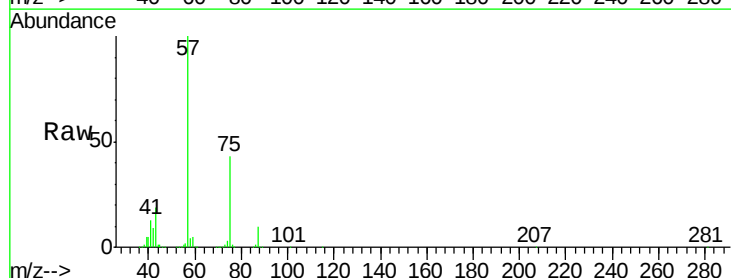
Acq: 17 Mar 2019 6:27

Tgt Ion: 76 Resp: 26339

Ion Ratio Lower Upper

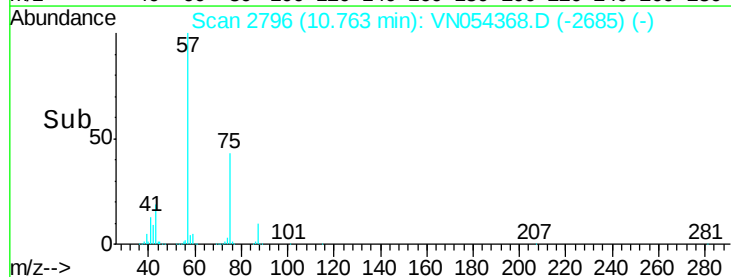
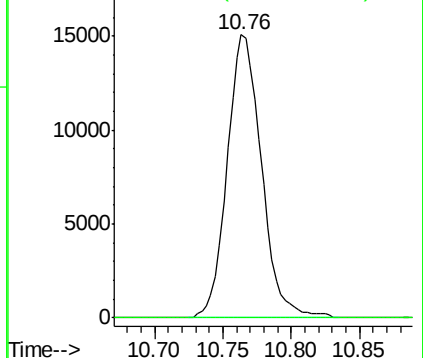
76 100

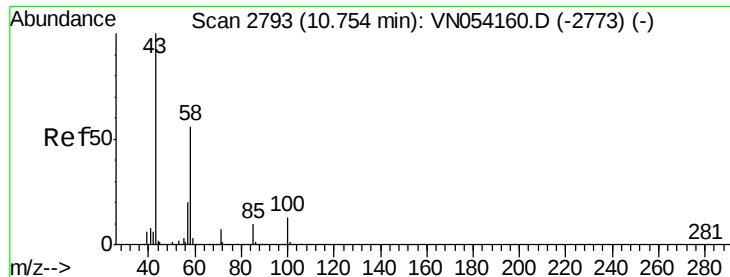
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

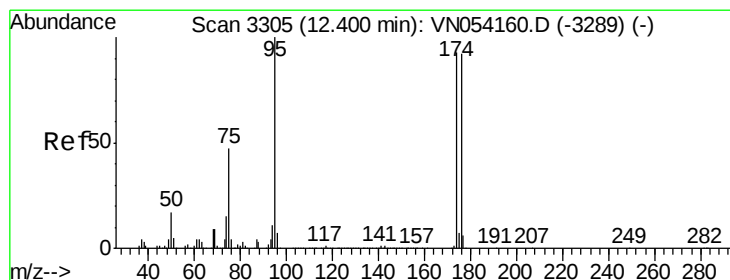
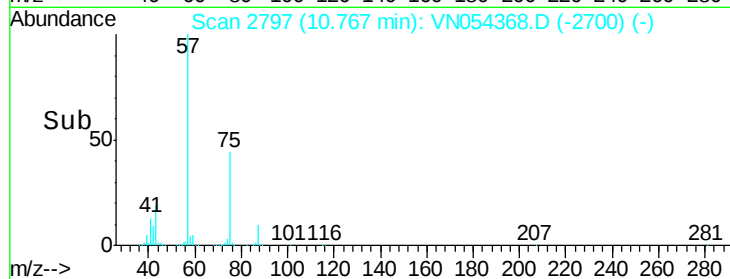
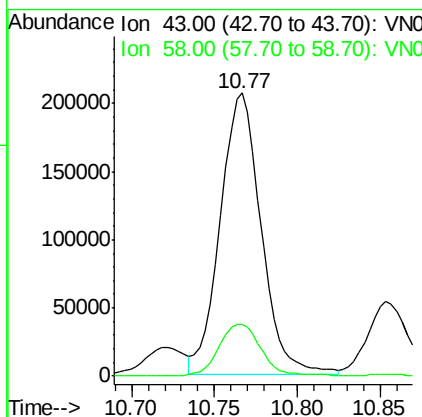
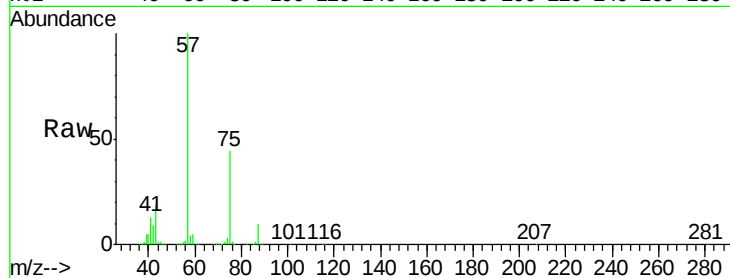




#59
2-Hexanone
Concen: 40.008 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

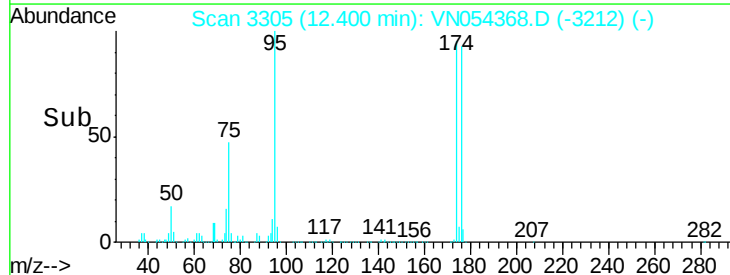
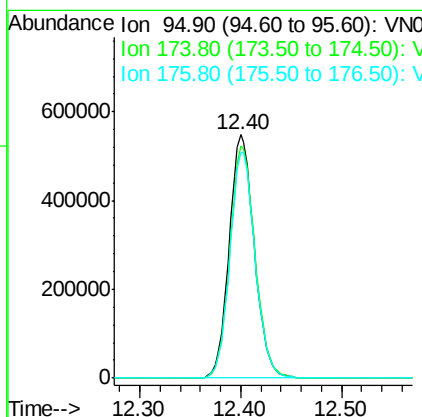
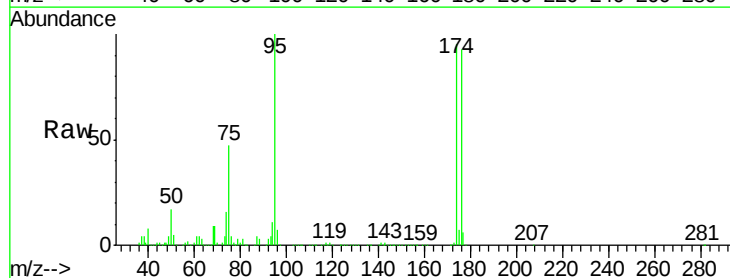
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

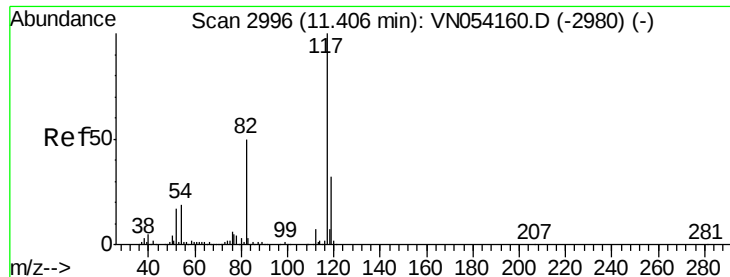
Tot Ion: 43 Resp: 354902
Ion Ratio Lower Upper
43 100
58 19.0 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 42.076 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Tgt Ion: 95 Resp: 951142
Ion Ratio Lower Upper
95 100
174 95.6 0.0 191.0
176 93.0 0.0 187.4

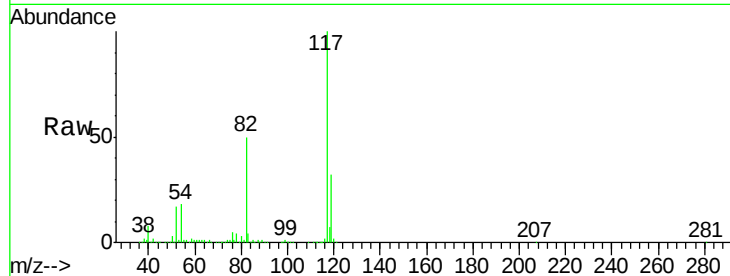




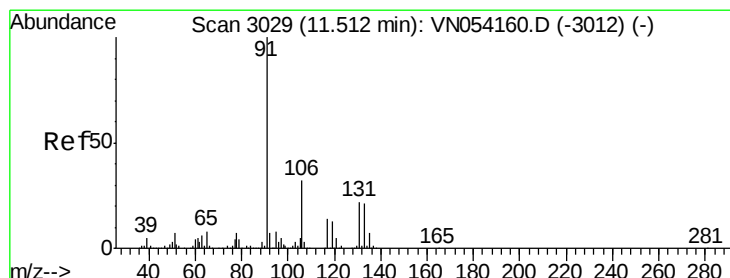
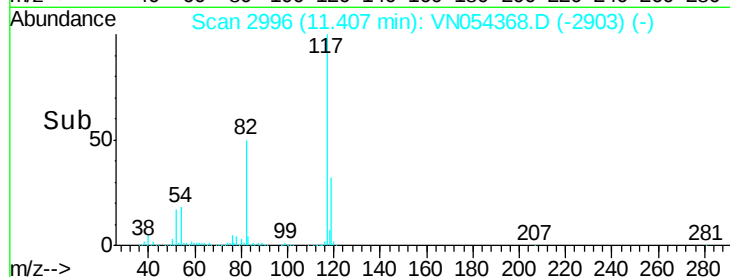
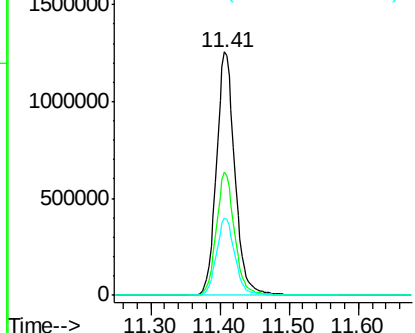
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tot Ion:117 Resp: 2308843
Ion Ratio Lower Upper
117 100
82 50.4 40.0 60.0
119 31.8 25.8 38.6

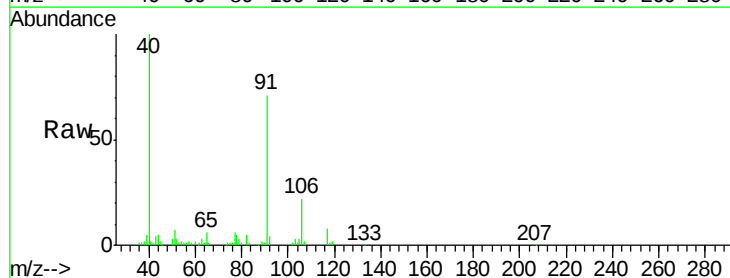


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

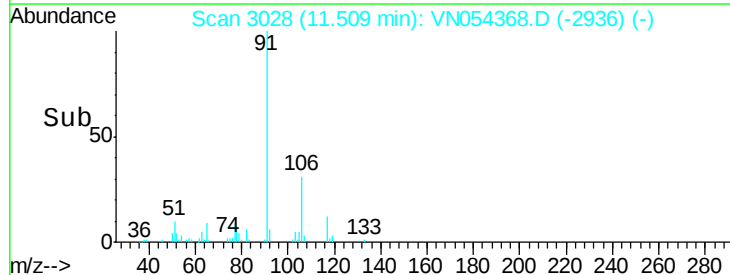
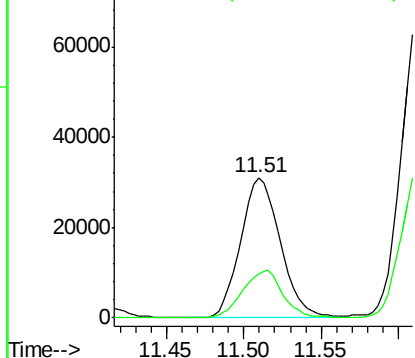


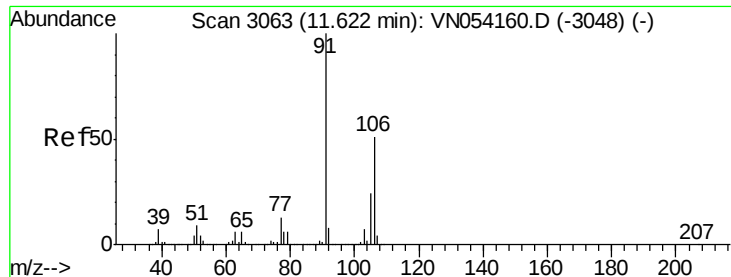
#67
Ethyl Benzene
Concen: 0.661 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Tgt Ion: 91 Resp: 55546
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



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

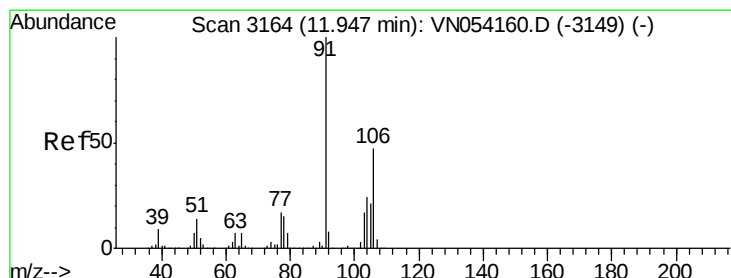
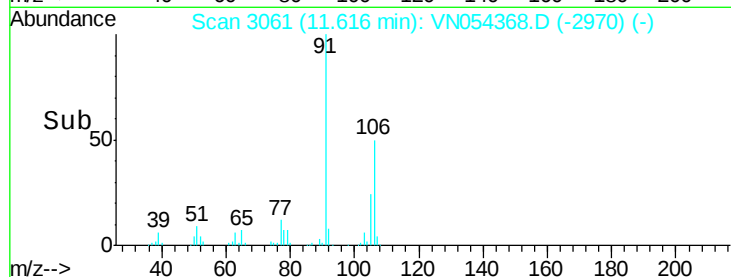
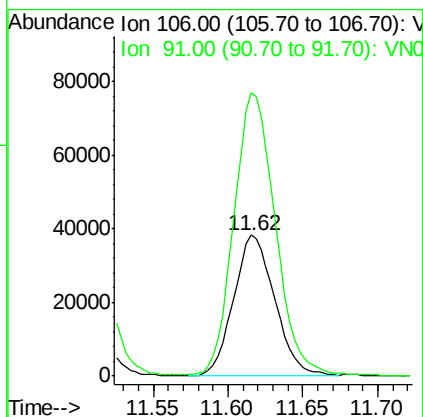
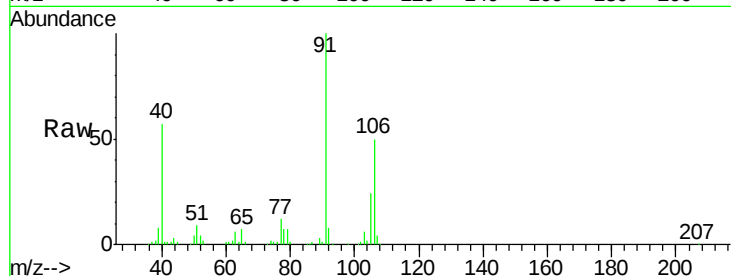




#68
m/p-Xylenes
Concen: 2.235 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

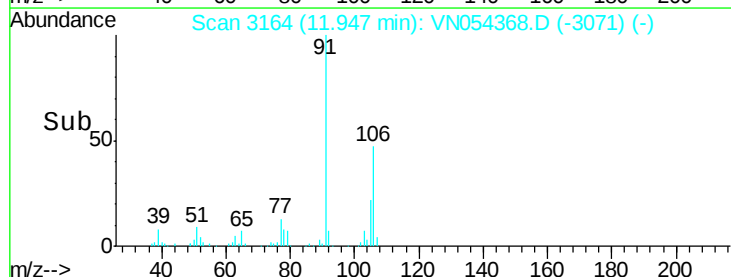
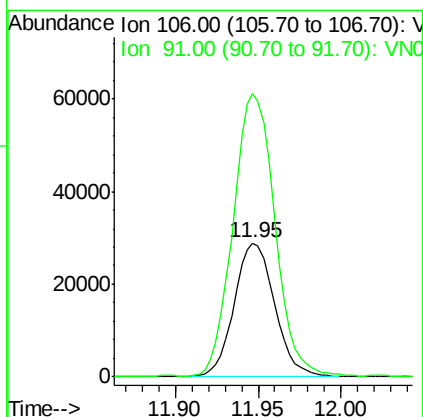
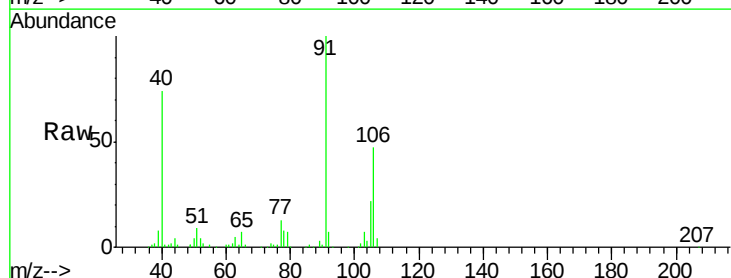
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

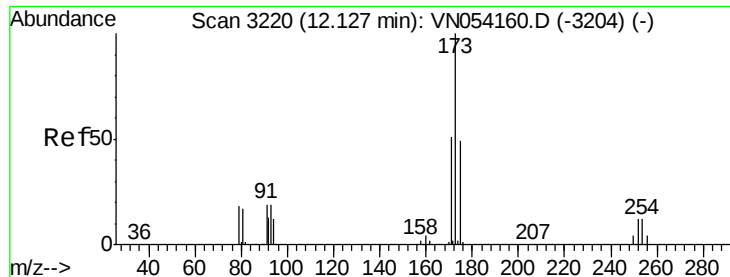
Tot Ion:106 Resp: 73412
Ion Ratio Lower Upper
106 100
91 200.9 159.4 239.2



#69
o-Xylene
Concen: 1.537 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Tgt Ion:106 Resp: 49212
Ion Ratio Lower Upper
106 100
91 219.3 105.7 317.1





#71

Bromoform

Concen: 2.746 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP

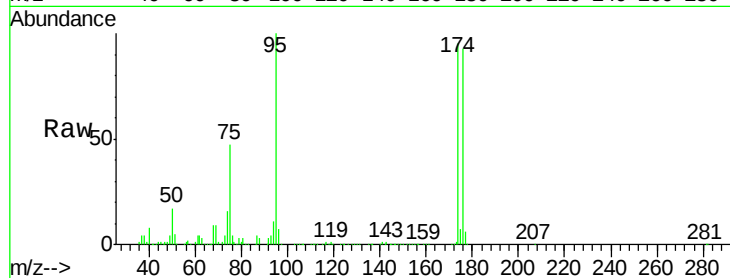
Tot Ion:173 Resp: 5821

Ion Ratio Lower Upper

173 100

175 960.7 24.4 73.2#

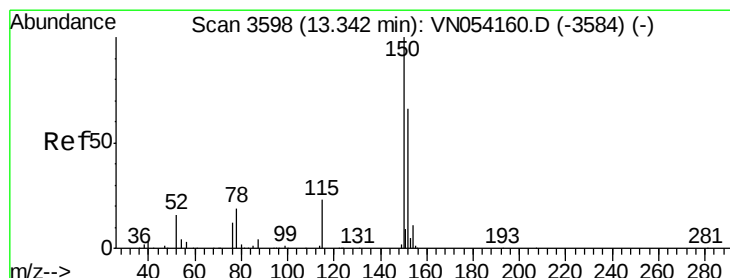
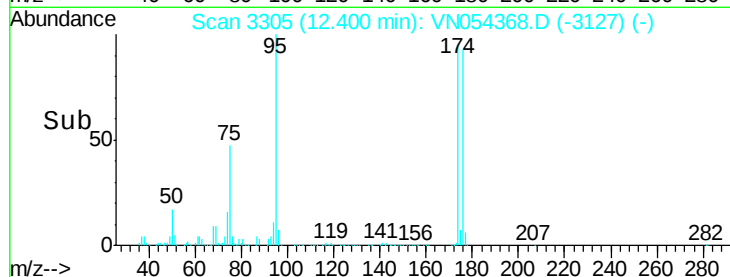
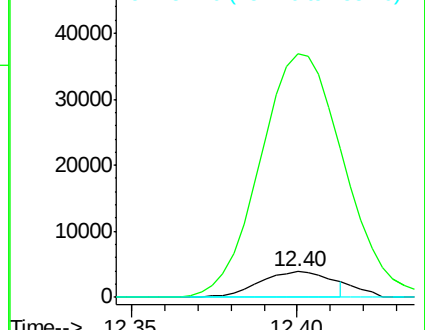
254 0.0 0.1 0.1#



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: VN054368.D

Acq: 17 Mar 2019 6:27

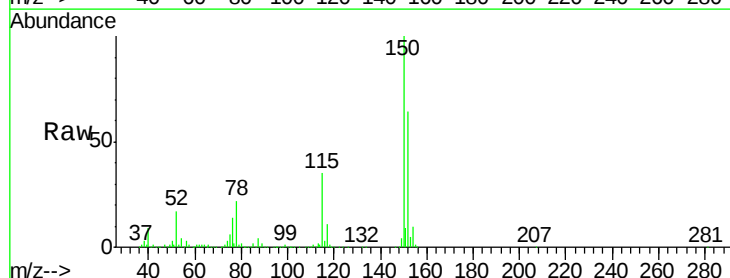
Tgt Ion:152 Resp: 875988

Ion Ratio Lower Upper

152 100

115 54.9 27.2 81.6

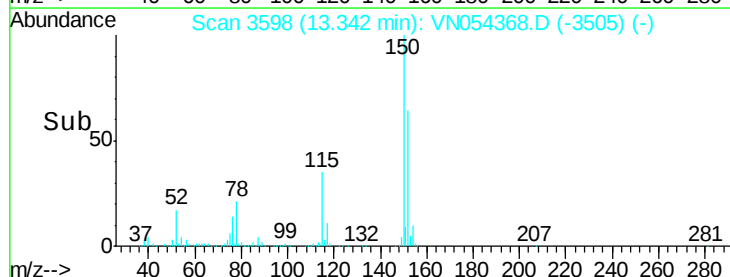
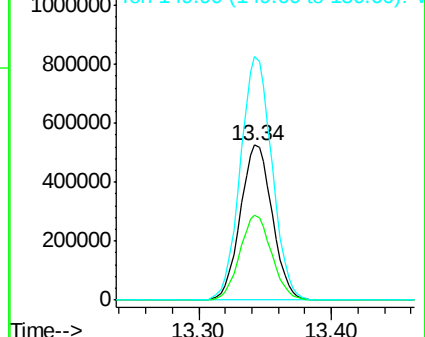
150 156.2 0.0 349.2

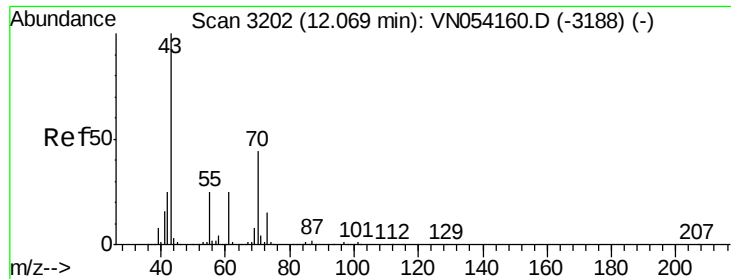


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

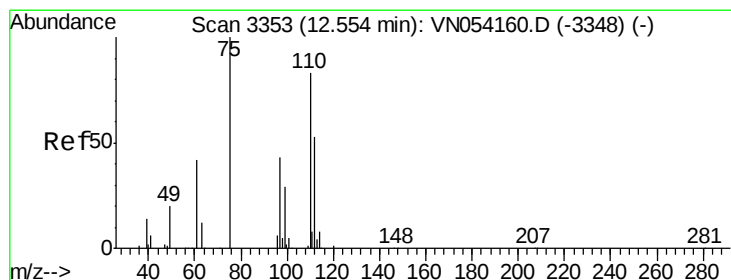
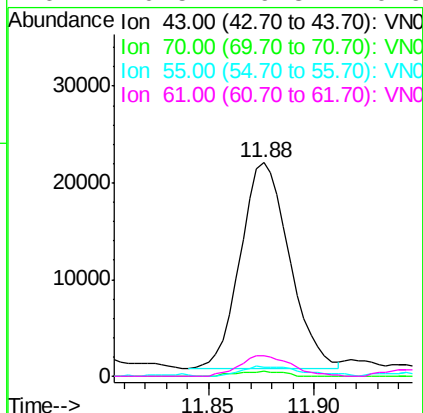
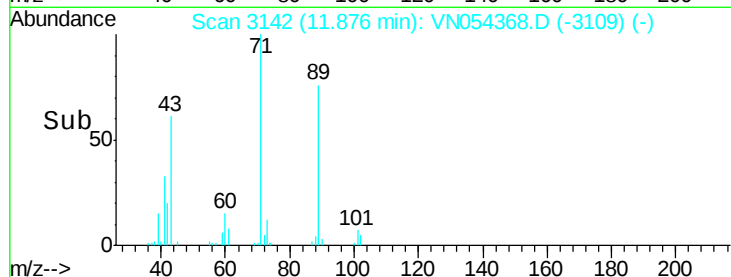
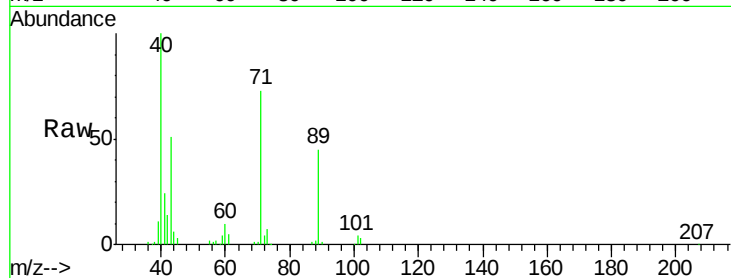




#74
N-amyl acetate
Concen: 2.220 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

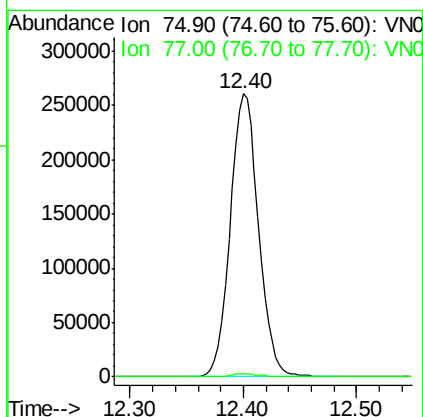
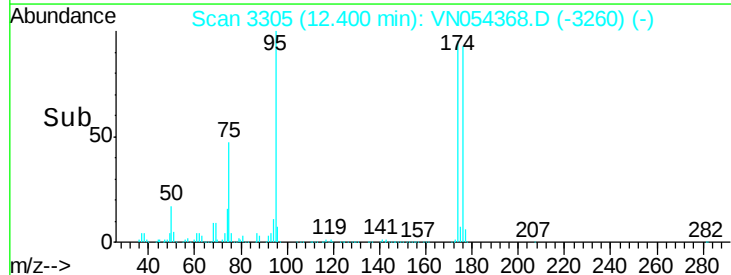
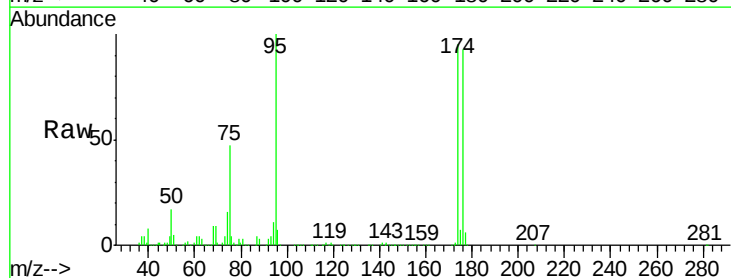
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

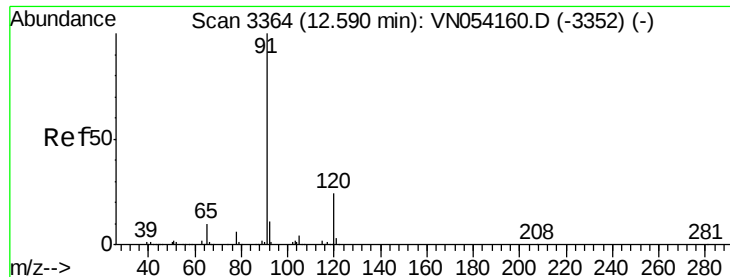
Tot Ion: 43 Resp: 34535
Ion Ratio Lower Upper
43 100
70 2.2 35.4 53.0#
55 6.0 19.8 29.6#
61 10.5 19.8 29.6#



#76
1,2,3-Trichloropropane
Concen: 35.107 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054368.D
Acq: 17 Mar 2019 6:27

Tgt Ion: 75 Resp: 452244
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#78

n-propylbenzene

Concen: 0.354 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampleId :

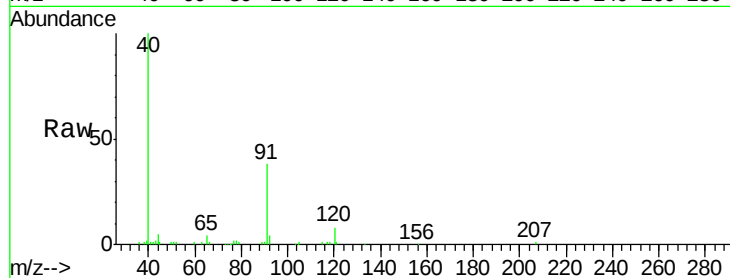
DRUM-COMP

Tot Ion: 91 Resp: 26947

Ion Ratio Lower Upper

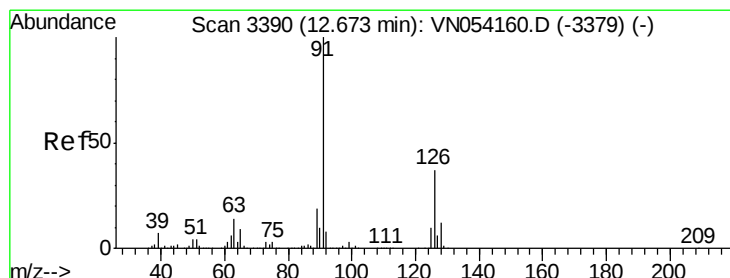
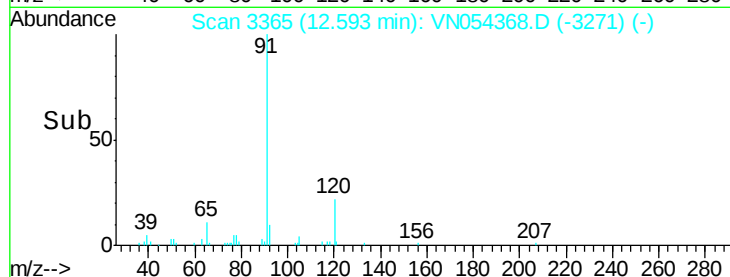
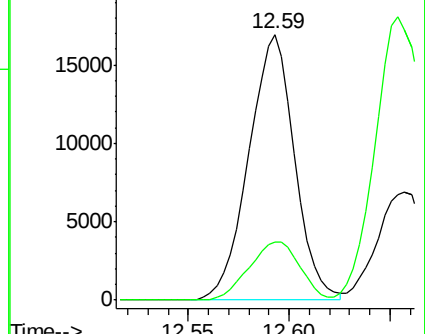
91 100

120 24.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN054368.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN054368.D (-3352) (-)



#79

2-Chlorotoluene

Concen: 0.242 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN054368.D

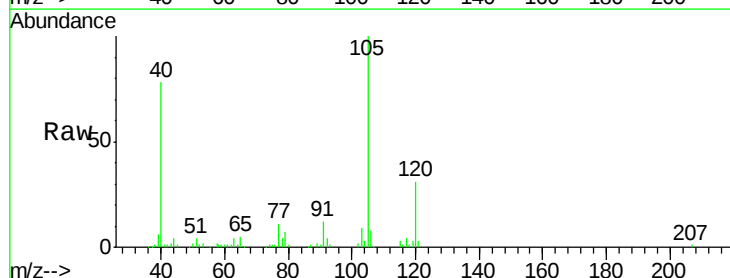
Acq: 17 Mar 2019 6:27

Tgt Ion: 91 Resp: 11053

Ion Ratio Lower Upper

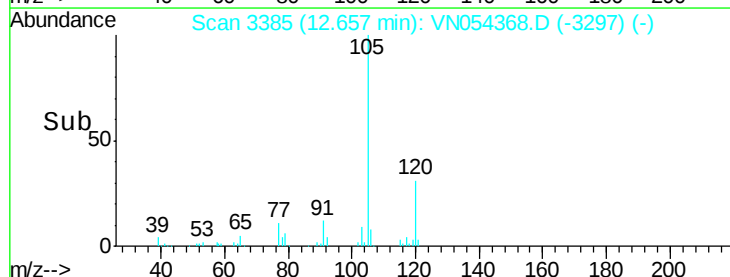
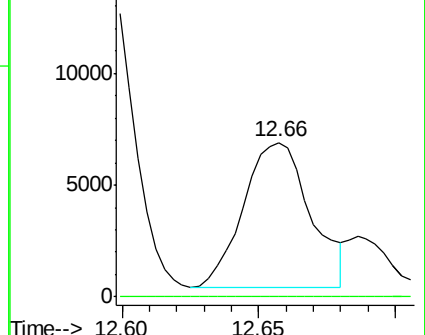
91 100

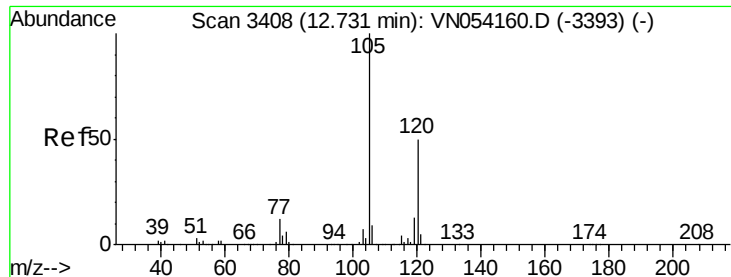
126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VN054368.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054368.D (-3379) (-)





#80

1,3,5-Trimethylbenzene

Concen: 0.795 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampleId :

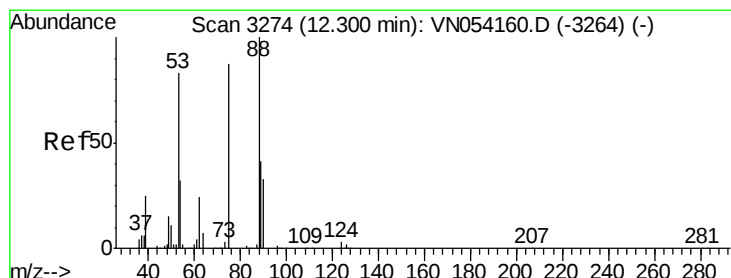
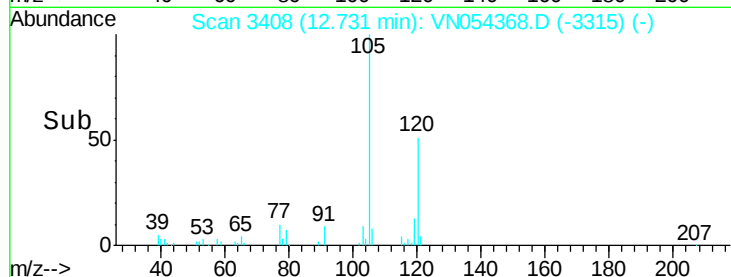
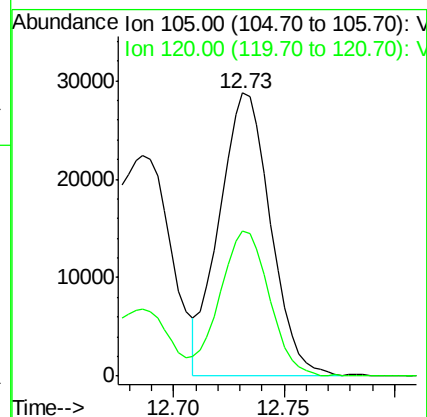
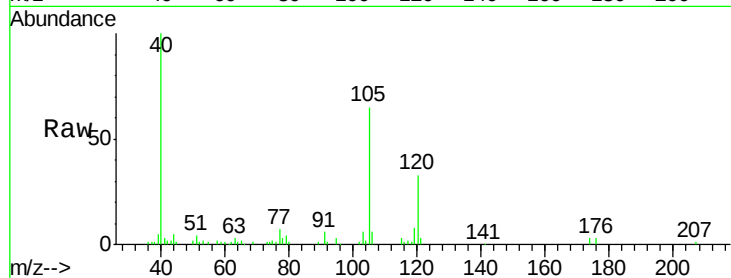
DRUM-COMP

Tot Ion:105 Resp: 46357

Ion Ratio Lower Upper

105 100

120 49.9 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 120.012 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

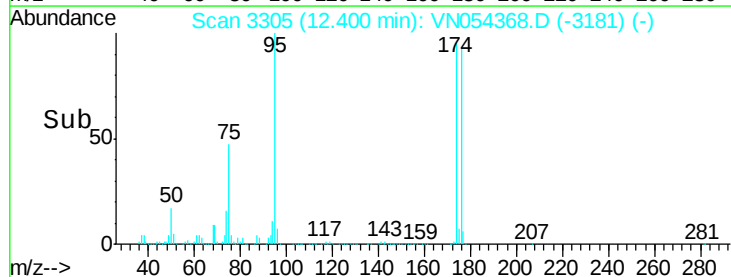
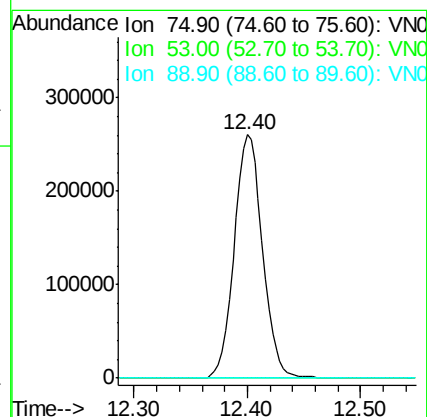
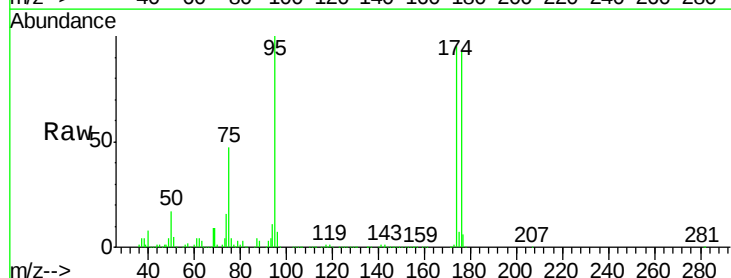
Tgt Ion: 75 Resp: 452244

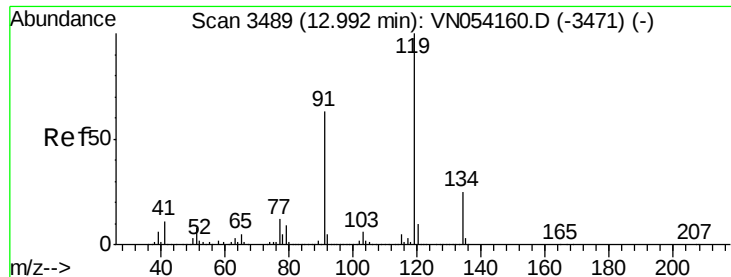
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#

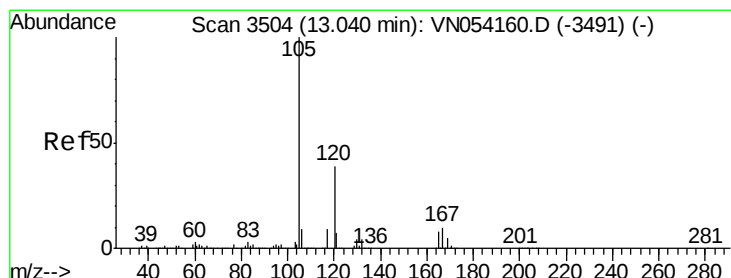
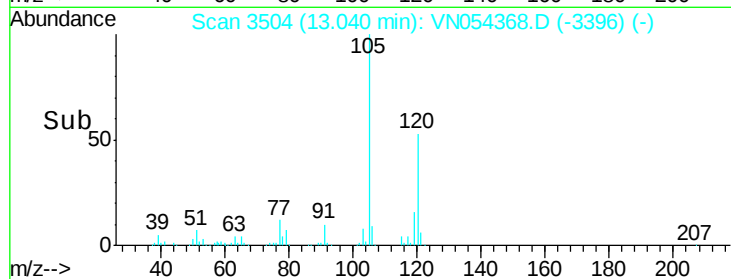
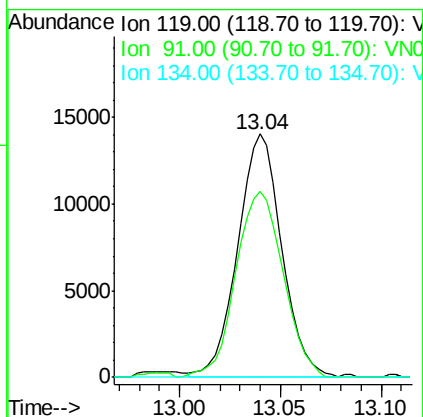
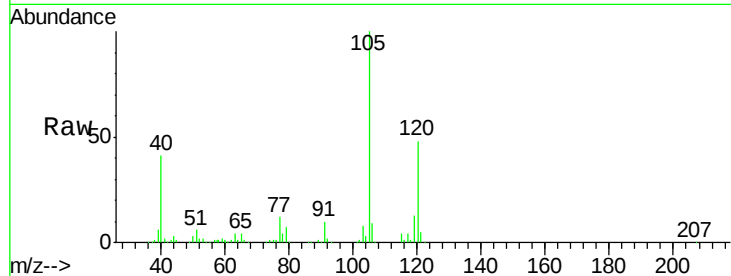




#83
 tert-Butylbenzene
 Concen: 0.400 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN054368.D
 Acq: 17 Mar 2019 6:27

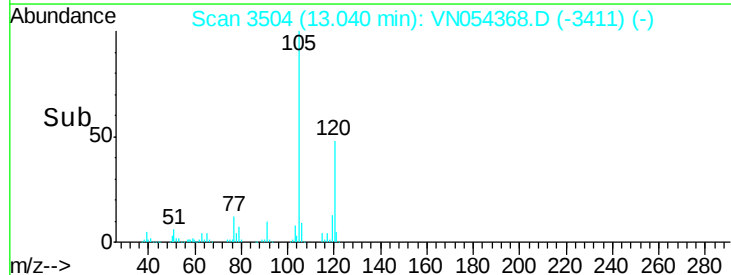
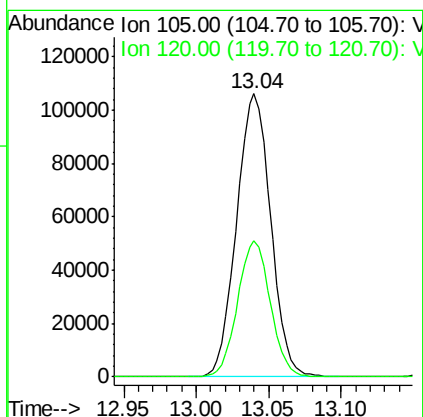
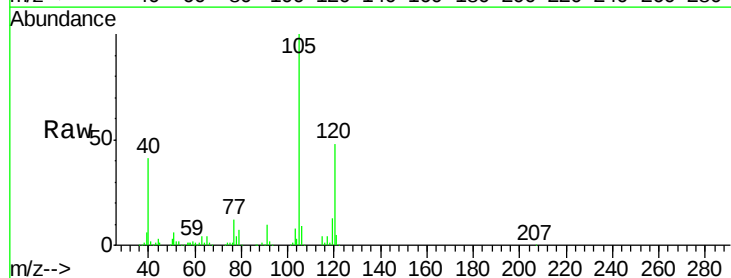
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

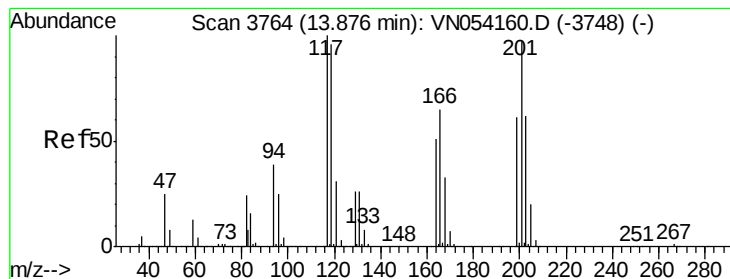
Tot Ion:119 Resp: 21477
 Ion Ratio Lower Upper
 119 100
 91 82.4 30.9 92.8
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 3.038 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054368.D
 Acq: 17 Mar 2019 6:27

Tgt Ion:105 Resp: 173750
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.3





#90

Hexachloroethane

Concen: 0.247 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampled :

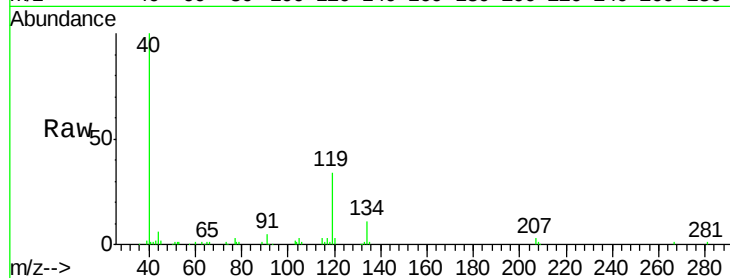
DRUM-COMP

Tot Ion:117 Resp: 2496

Ion Ratio Lower Upper

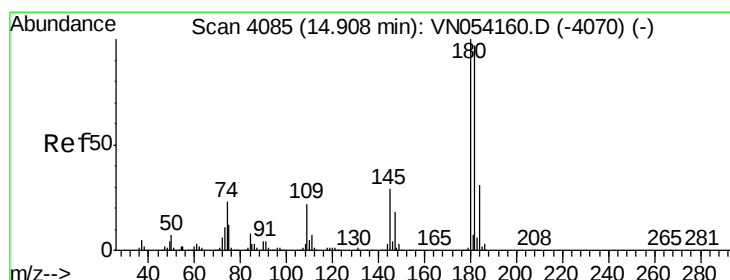
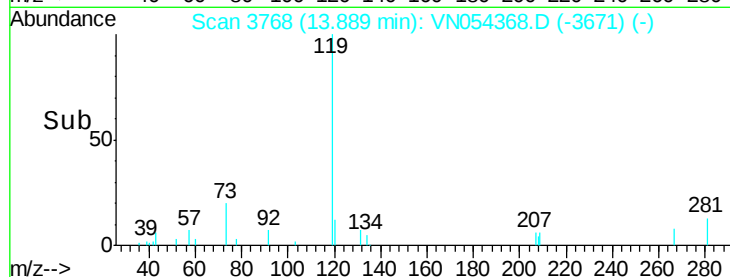
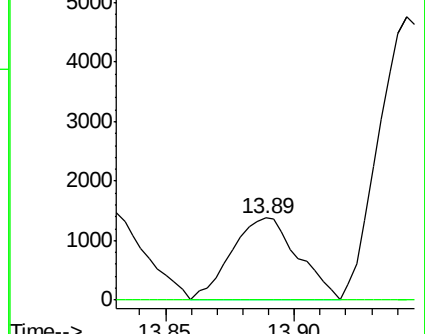
117 100

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: 2.531 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

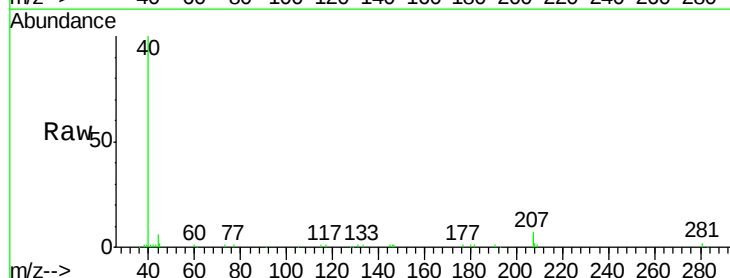
Tgt Ion:180 Resp: 275

Ion Ratio Lower Upper

180 100

182 131.3 48.0 144.2

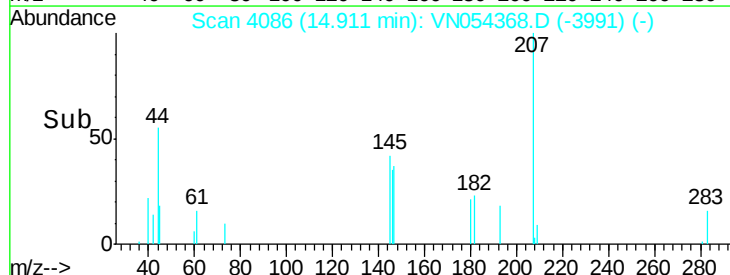
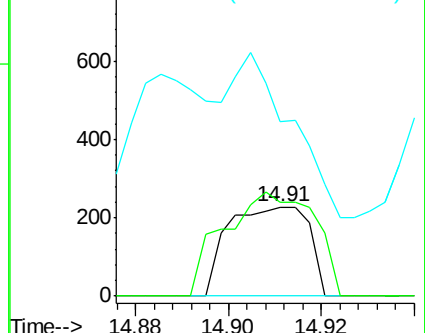
145 0.0 14.2 42.8#

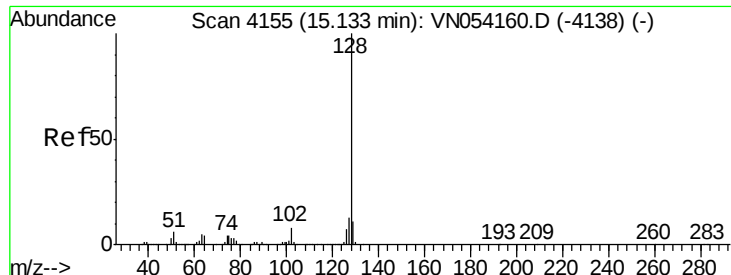


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.048 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054368.D

Acq: 17 Mar 2019 6:27

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP

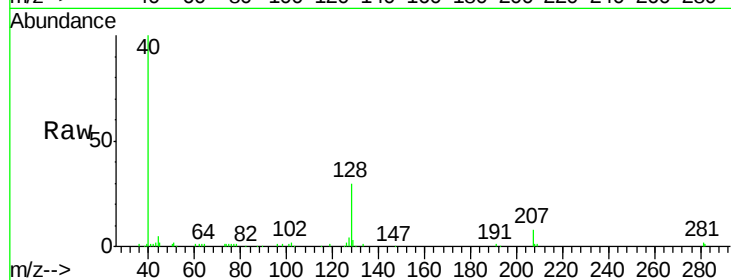
Tot Ion:128 Resp: 23894

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.2 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

