

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027195.D
 Acq On : 16 Sep 2015 6:43
 Operator : MD\FY
 Sample : G3629-10MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MS

Quant Time: Sep 16 07:02:17 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	497439	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1063488	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	903326	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	334999	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	568726	55.80	ug/l	0.00
Spiked Amount			Recovery	=	111.60%	
36) Dibromofluoromethane	7.68	113	368085	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
51) Toluene-d8	10.19	98	1401272	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
63) 4-Bromofluorobenzene	12.52	95	488337	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.80	85	282931	47.53	ug/l	99
3) Chlorodifluoromethane	1.82	51	347338	50.43	ug/l	94
4) Chloromethane	2.01	50	342577	51.36	ug/l	100
5) Vinyl Chloride	2.14	62	355102	50.52	ug/l	98
6) Bromomethane	2.54	94	150802	43.90	ug/l	100
7) Chloroethane	2.69	64	242377	50.72	ug/l	100
8) Trichlorofluoromethane	3.02	101	532556	50.15	ug/l	100
9) Diethyl Ether	3.42	74	255598	52.31	ug/l	84
10) 1,1,2-Trichlorotrifluoroet	3.79	101	305913	45.87	ug/l	97
11) Methyl Iodide	3.99	142	336745	51.95	ug/l	93
12) Tert butyl alcohol	4.80	59	230569	231.34	ug/l	98
13) 1,1-Dichloroethene	3.77	96	328487	51.43	ug/l	94
14) Acrolein	3.62	56	69590	59.44	ug/l	98
15) Allyl chloride	4.37	41	486779	37.73	ug/l #	82
16) Acrylonitrile	5.02	53	832119	255.31	ug/l	99
17) Acetone	3.82	43	676253	246.09	ug/l	96
18) Carbon Disulfide	4.11	76	925270	44.49	ug/l	99
19) Methyl Acetate	4.36	43	543975	27.33	ug/l	96
20) Methyl tert-butyl Ether	5.11	73	1303548	50.84	ug/l	97
21) Methylene Chloride	4.60	84	398875	52.11	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	341314	49.41	ug/l	98
23) Diisopropyl ether	6.03	45	1388036	51.28	ug/l #	91
24) Vinyl Acetate	5.97	43	858625	95.84	ug/l	99
25) 1,1-Dichloroethane	5.93	63	806837	51.31	ug/l	100
26) 2-Butanone	6.91	43	1011000	244.32	ug/l	96
27) 2,2-Dichloropropane	6.92	77	83963	6.15	ug/l #	76
28) cis-1,2-Dichloroethene	6.92	96	425936	53.76	ug/l	91
29) Bromochloromethane	7.29	49	336646	55.16	ug/l	97
30) Tetrahydrofuran	7.31	42	662082	232.16	ug/l	91
31) Chloroform	7.45	83	760295	53.51	ug/l	97
32) Cyclohexane	7.77	56	711123	50.82	ug/l	93
33) 1,1,1-Trichloroethane	7.67	97	690349	54.50	ug/l	97
37) 1,1-Dichloropropene	7.89	75	547986	44.02	ug/l	98
38) Ethyl Acetate	7.02	43	254589	23.49	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	535221	45.73	ug/l	99
40) Methylcyclohexane	9.19	83	587804	38.77	ug/l	98
41) Benzene	8.14	78	1667154	45.90	ug/l	100
42) Methacrylonitrile	7.24	41	271713	45.15	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	661696	45.22	ug/l	95
44) Isopropyl Acetate	8.25	43	608318	30.58	ug/l	93
45) Trichloroethene	8.93	130	366482	50.23	ug/l	95
46) 1,2-Dichloropropane	9.21	63	472673	45.23	ug/l	99
47) Dibromomethane	9.31	93	276795	45.11	ug/l	94
48) Bromodichloromethane	9.49	83	601767	46.54	ug/l	98
49) Methyl methacrylate	9.29	41	426764	43.06	ug/l #	88
50) 1,4-Dioxane	9.30	88	95392	820.60	ug/l	96
52) 4-Methyl-2-Pentanone	10.07	43	2260430	214.90	ug/l	99
53) Toluene	10.26	92	958840	45.07	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	457238	31.49	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	502562	31.81	ug/l	94
56) 1,1,2-Trichloroethane	10.66	97	373466	46.71	ug/l	99
57) Ethyl methacrylate	10.52	69	594449	44.11	ug/l #	91
58) 1,3-Dichloropropane	10.80	76	675719	45.52	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.82	63	4272	0.69	ug/l #	57
60) 2-Hexanone	10.84	43	1509438	210.78	ug/l	100
61) Dibromochloromethane	11.00	129	373192	45.70	ug/l	99
62) 1,2-Dibromoethane	11.11	107	351838	44.78	ug/l	99
65) Tetrachloroethene	10.74	164	244040	42.25	ug/l	96
66) Chlorobenzene	11.54	112	949276	44.51	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	335403	46.11	ug/l	97
68) Ethyl Benzene	11.62	91	1796907	44.43	ug/l	99
69) m/p-Xylenes	11.73	106	1237935	88.72	ug/l	90
70) o-Xylene	12.06	106	630964	45.11	ug/l	90
71) Styrene	12.07	104	973111	43.10	ug/l	95
72) Bromoform	12.24	173	226669	44.81	ug/l #	100
74) Isopropylbenzene	12.36	105	1655558	44.85	ug/l	99
75) N-amyl acetate	12.17	43	386464	23.46	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	476050	49.95	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	571634	56.46	ug/l	64
78) Bromobenzene	12.64	156	334808	46.25	ug/l	99
79) n-propylbenzene	12.71	91	1908430	43.94	ug/l	98
80) 2-Chlorotoluene	12.79	91	1180326	45.26	ug/l	97
81) 1,3,5-Trimethylbenzene	12.85	105	1324404	44.66	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	79895	19.38	ug/l	90
83) 4-Chlorotoluene	12.89	91	1160769	45.30	ug/l	95
84) tert-Butylbenzene	13.11	119	1097648	44.86	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	1316732	44.20	ug/l	96
86) sec-Butylbenzene	13.29	105	1569937	43.80	ug/l	100
87) p-Isopropyltoluene	13.41	119	1168620	42.33	ug/l	95
88) 1,3-Dichlorobenzene	13.41	146	557536	45.01	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	552851	44.07	ug/l	95
90) n-Butylbenzene	13.74	91	1053826	39.33	ug/l	99
91) Hexachloroethane	14.01	117	273929	45.34	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	573684	46.86	ug/l	96

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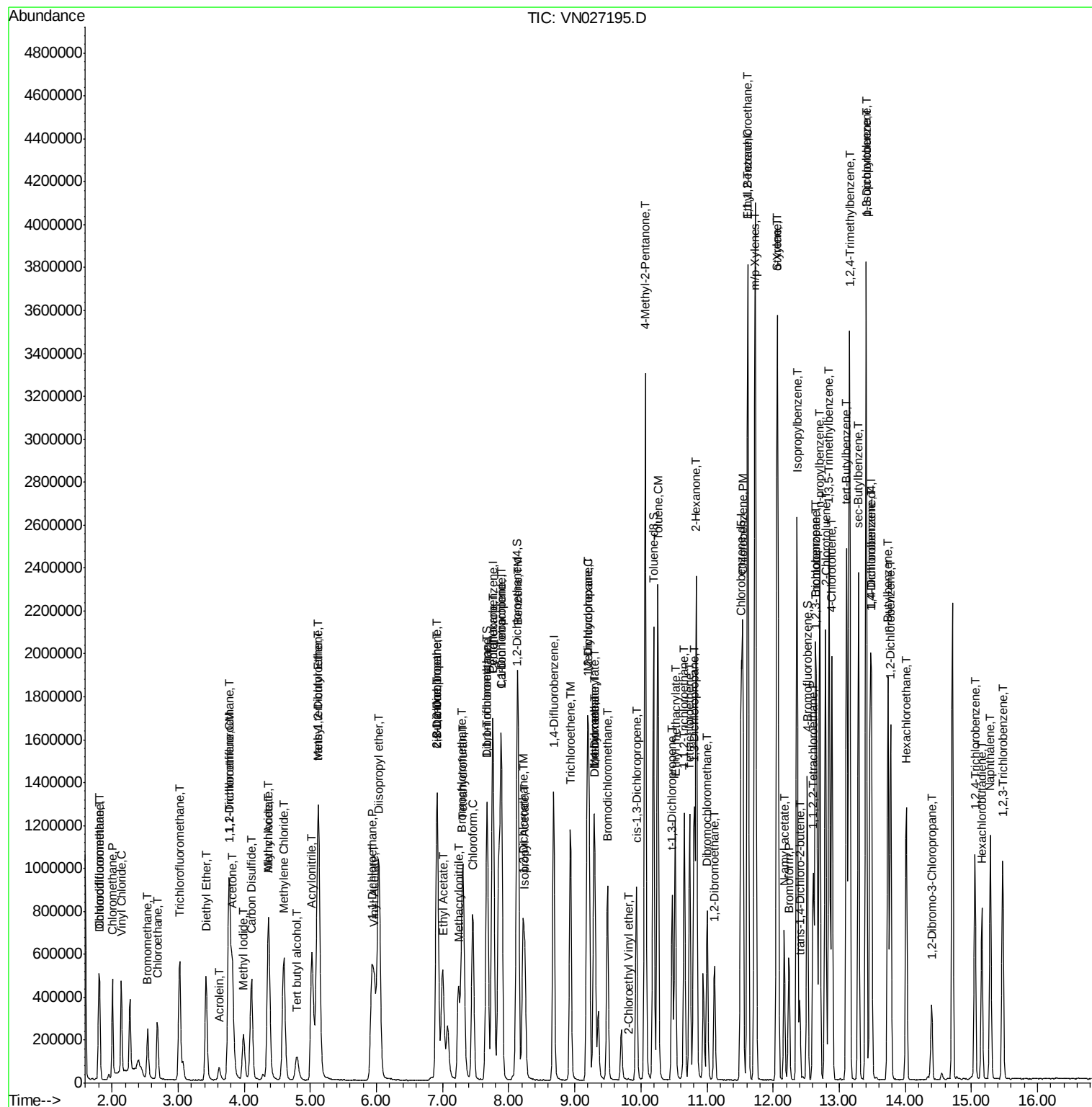
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	97052	45.92	ug/l	87
94) 1,2,4-Trichlorobenzene	15.05	180	286304	43.29	ug/l	98
95) Hexachlorobutadiene	15.16	225	131172	37.66	ug/l	98
96) Naphthalene	15.28	128	888724	45.84	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	294821	44.85	ug/l	97

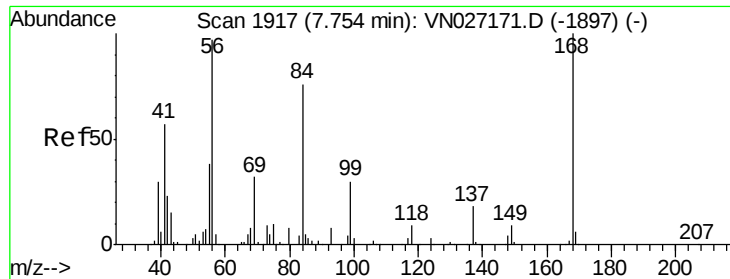
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

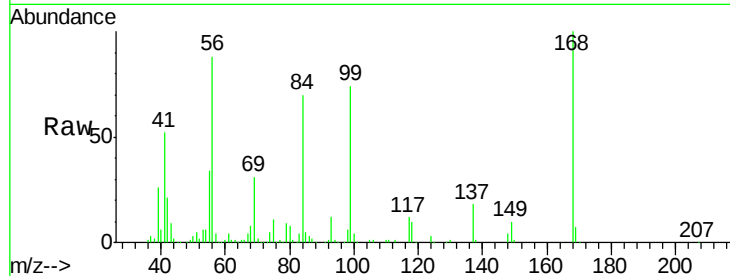
S39-0095MS

Tot Ion:168 Resp: 497439

Ion Ratio Lower Upper

168 100

99 73.1 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

200000

150000

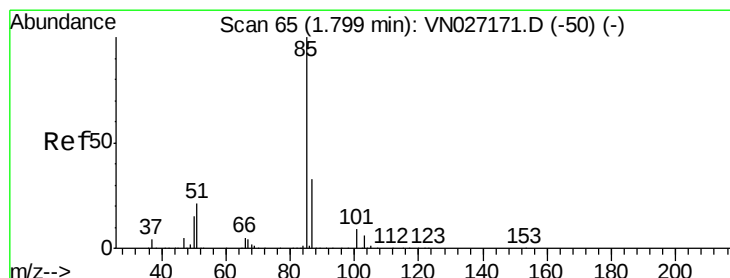
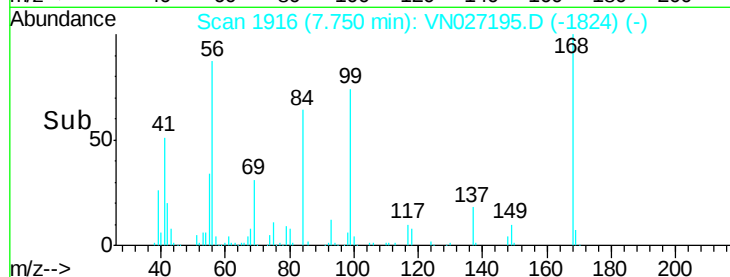
100000

50000

0

7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.53 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027195.D

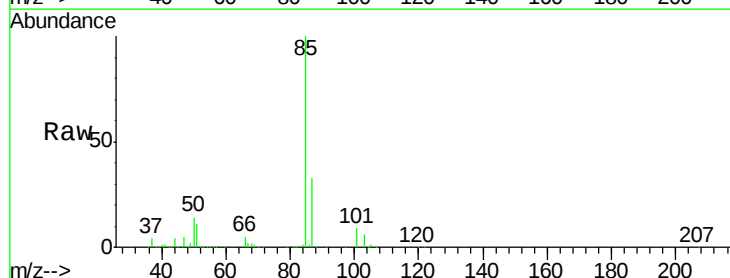
Acq: 16 Sep 2015 6:43

Tgt Ion: 85 Resp: 282931

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.80

200000

150000

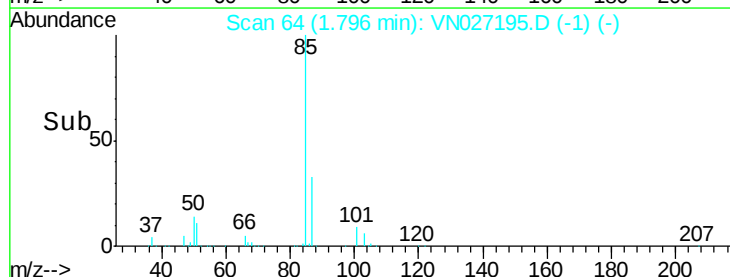
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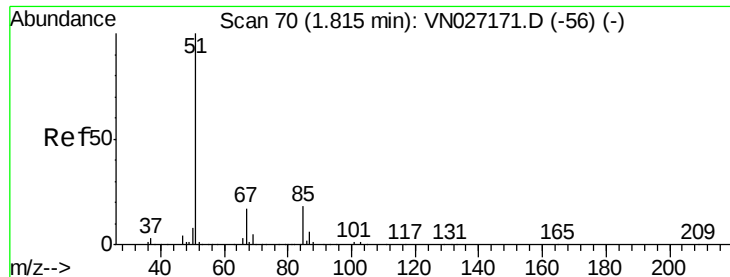
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chlorodifluoromethane

Concen: 50.43 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

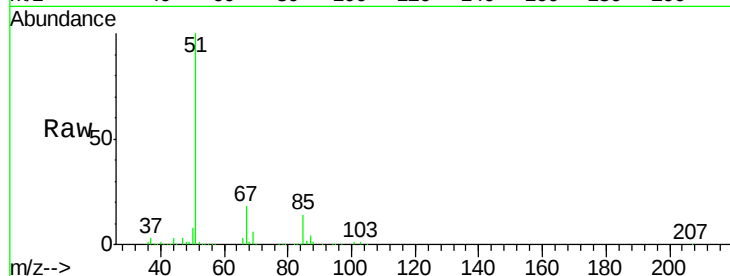
S39-0095MS

Tot Ion: 51 Resp: 347338

Ion Ratio Lower Upper

51 100

67 17.7 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

1.82

250000

200000

150000

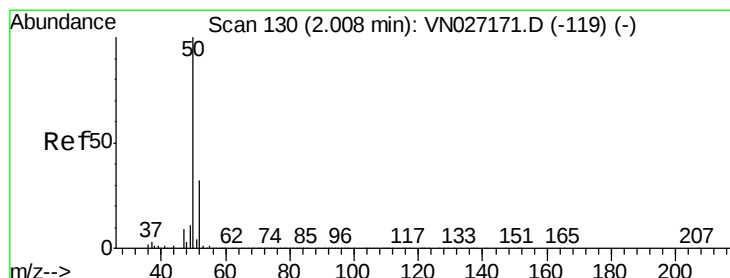
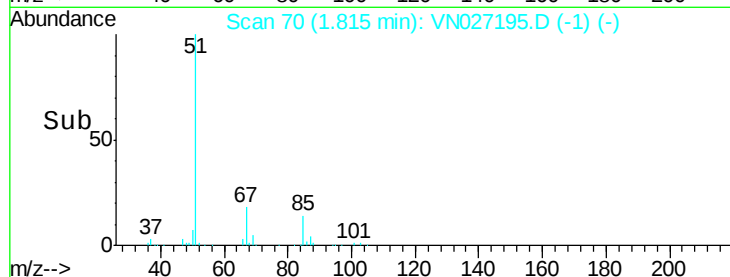
100000

50000

0

1.75 1.80 1.85 1.90

Time-->



#4

Chloromethane

Concen: 51.36 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027195.D

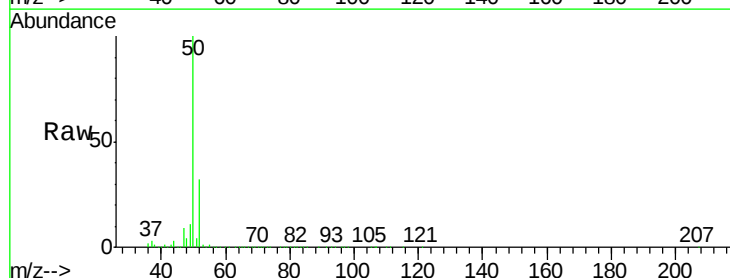
Acq: 16 Sep 2015 6:43

Tgt Ion: 50 Resp: 342577

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.01

300000

250000

200000

150000

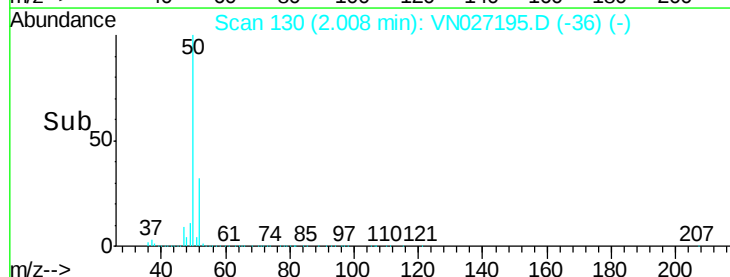
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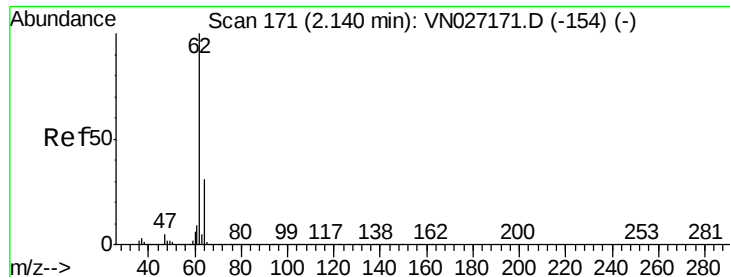
50000

0

1.95 2.00 2.05 2.10

Time-->





#5

Vinyl Chloride

Concen: 50.52 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

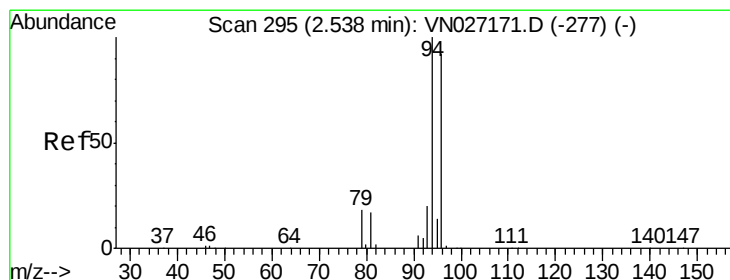
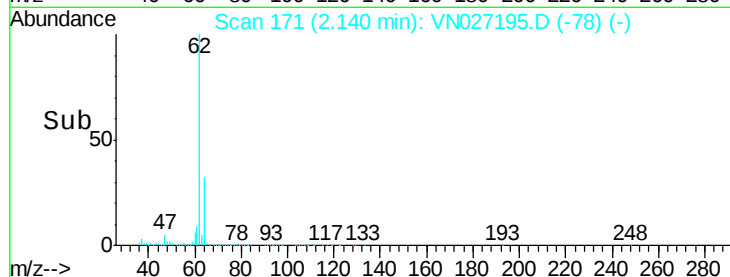
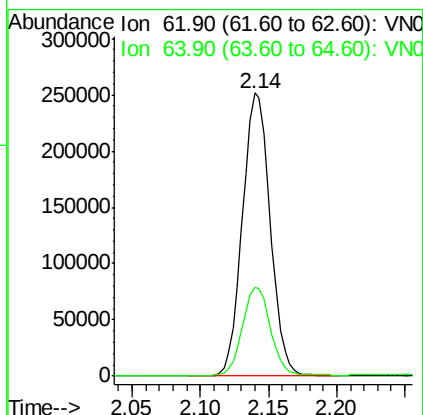
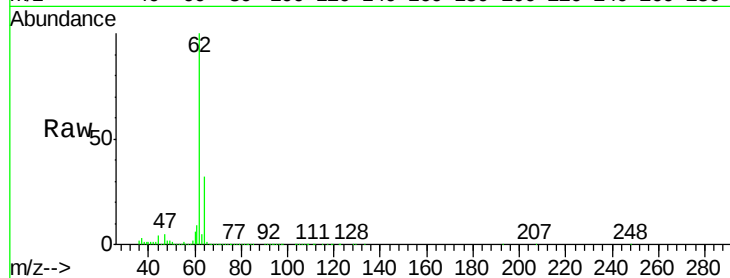
S39-0095MS

Tot Ion: 62 Resp: 355102

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9



#6

Bromomethane

Concen: 43.90 ug/l

RT: 2.54 min Scan# 296

Delta R.T. 0.00 min

Lab File: VN027195.D

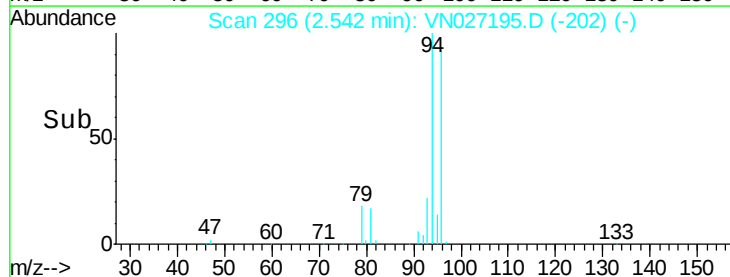
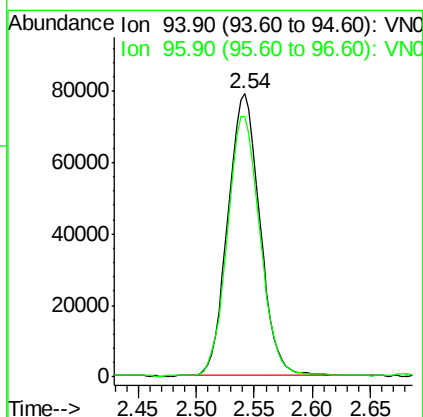
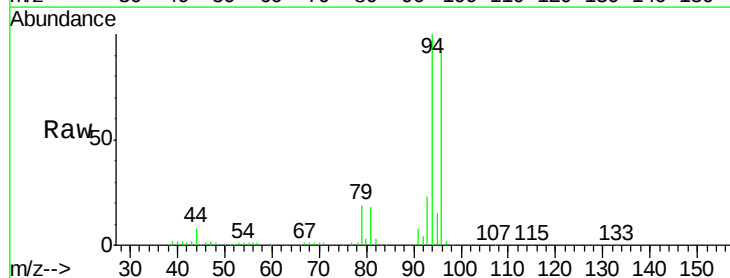
Acq: 16 Sep 2015 6:43

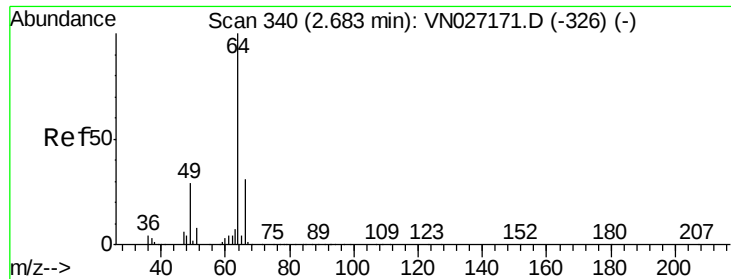
Tgt Ion: 94 Resp: 150802

Ion Ratio Lower Upper

94 100

96 92.1 73.4 110.2





#7

Chloroethane

Concen: 50.72 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

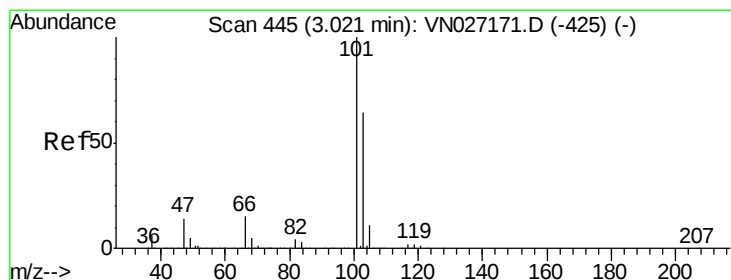
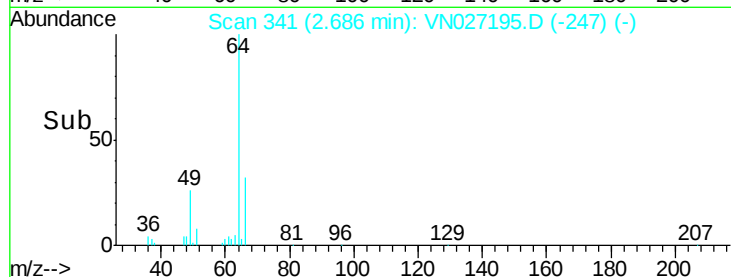
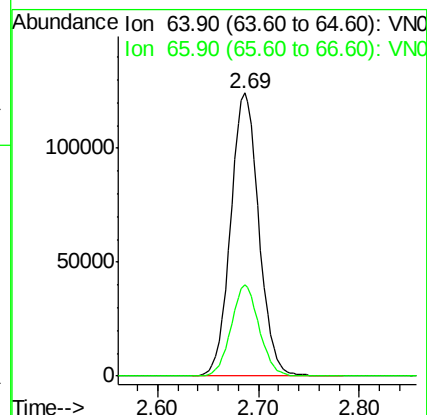
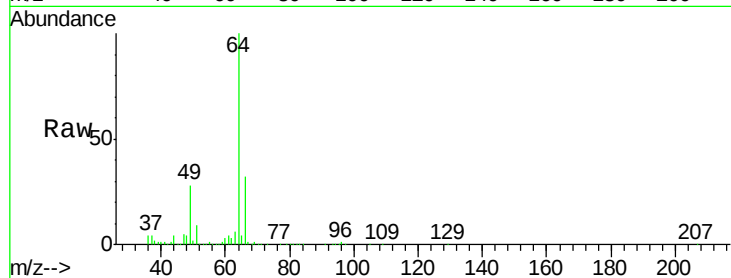
S39-0095MS

Tot Ion: 64 Resp: 242377

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3



#8

Trichlorofluoromethane

Concen: 50.15 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027195.D

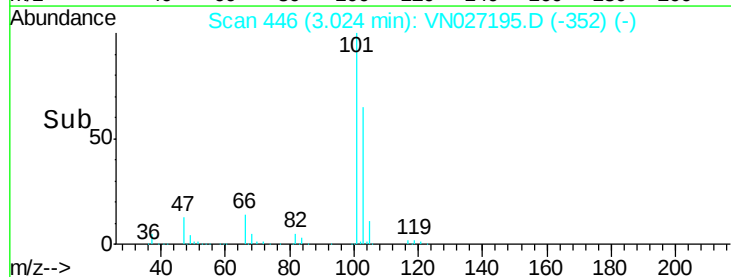
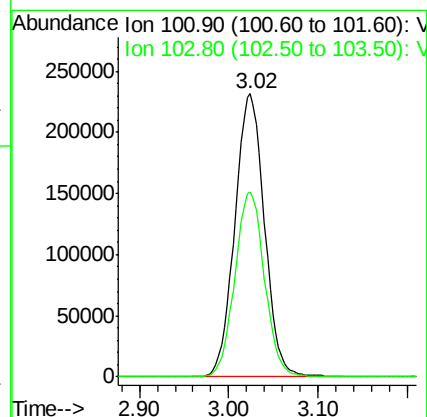
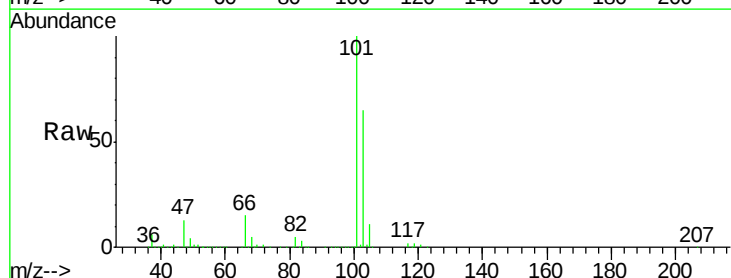
Acq: 16 Sep 2015 6:43

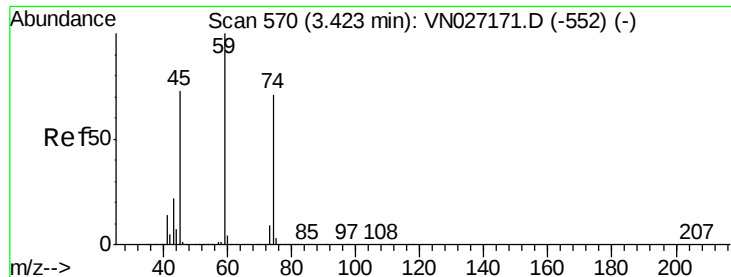
Tgt Ion: 101 Resp: 532556

Ion Ratio Lower Upper

101 100

103 65.5 52.6 79.0





#9

Diethyl Ether

Concen: 52.31 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

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Acq: 16 Sep 2015 6:43

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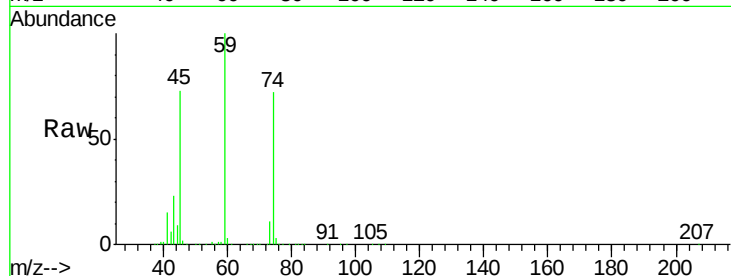
S39-0095MS

Tot Ion: 74 Resp: 255598

Ion Ratio Lower Upper

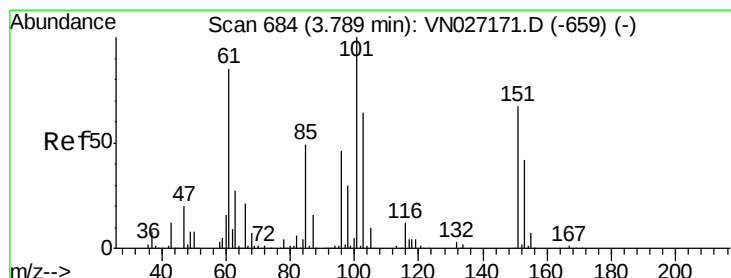
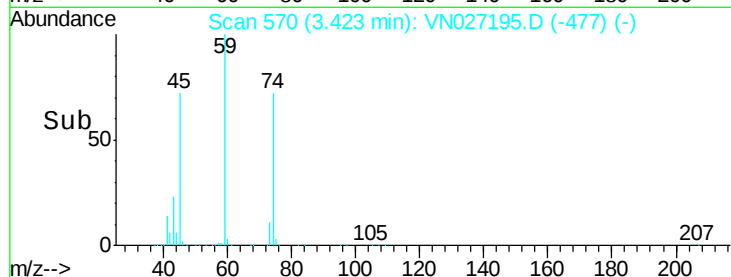
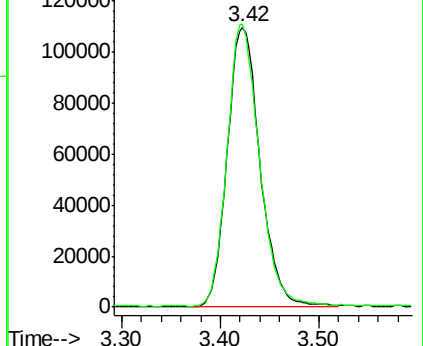
74 100

45 98.7 58.1 174.3



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#10

1,1,2-Trichlorotrifluoroethane

Concen: 45.87 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

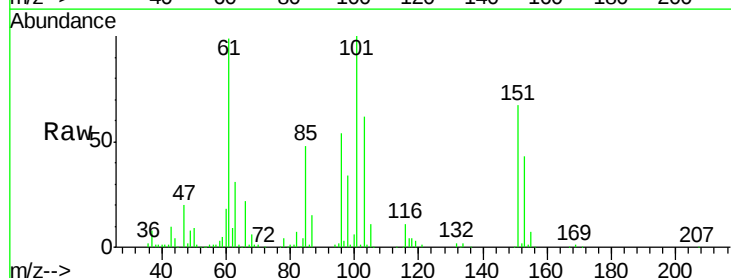
Tgt Ion: 101 Resp: 305913

Ion Ratio Lower Upper

101 100

85 49.1 37.4 56.0

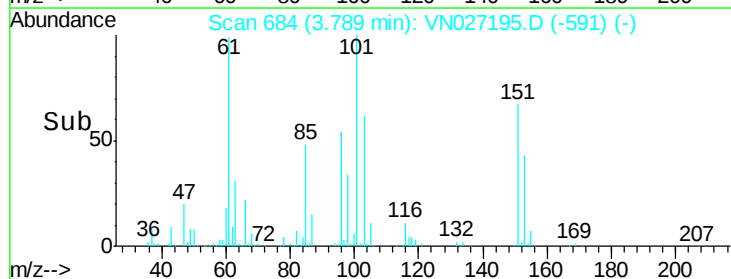
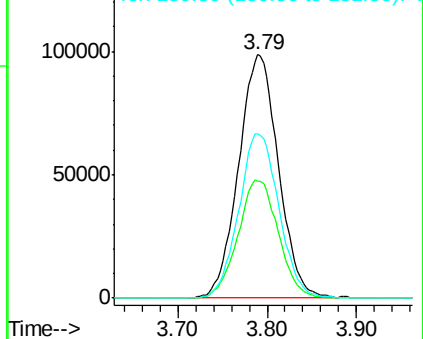
151 68.1 55.9 83.9

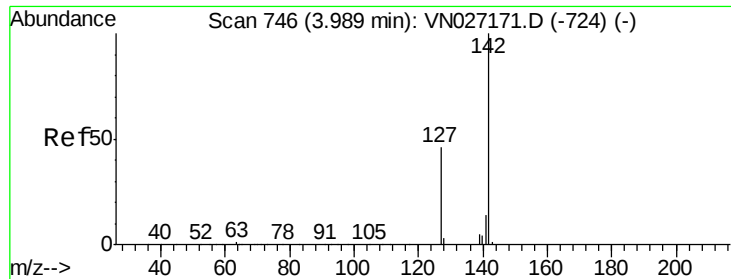


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

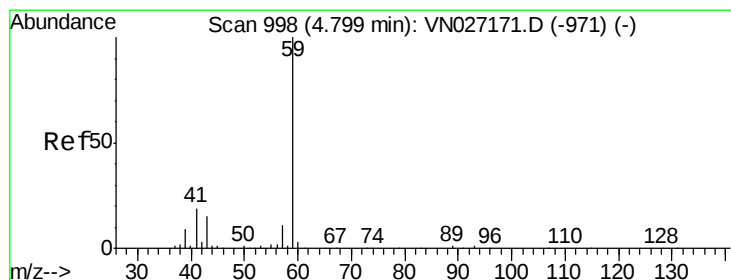
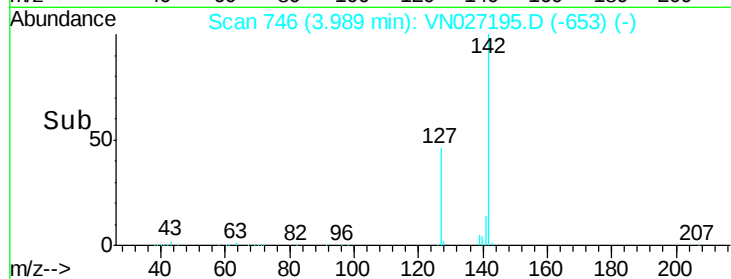
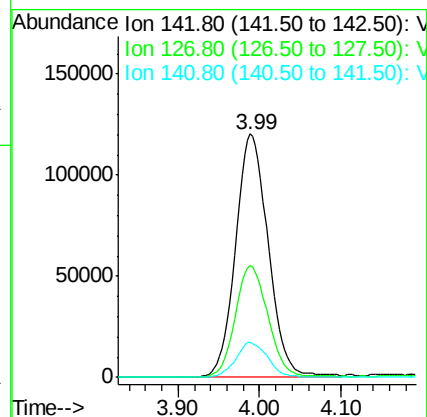
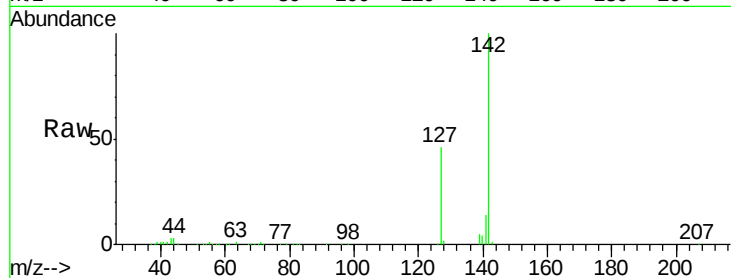




#11
Methvl Iodide
Concen: 51.95 ug/l
RT: 3.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

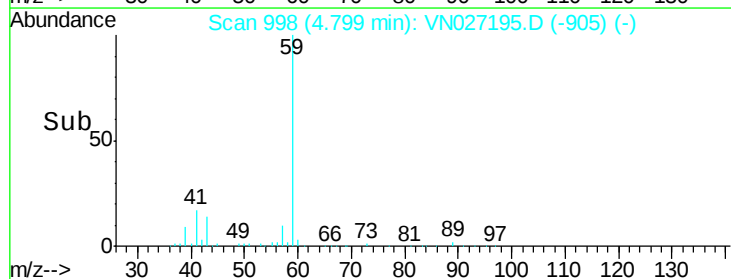
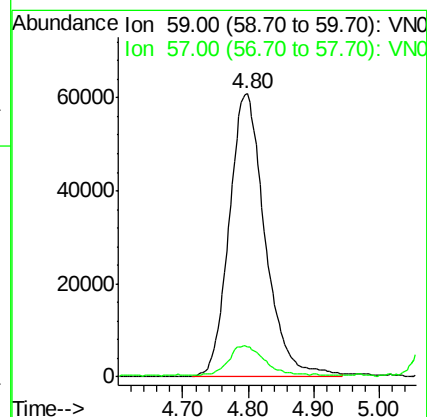
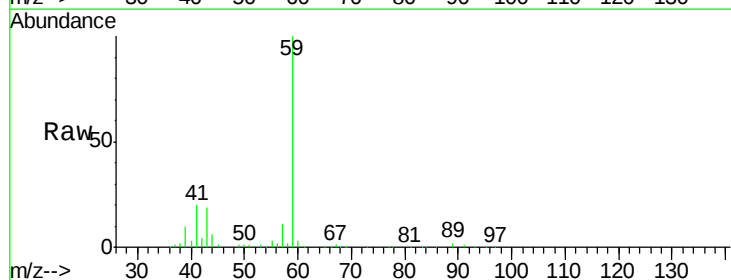
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MS

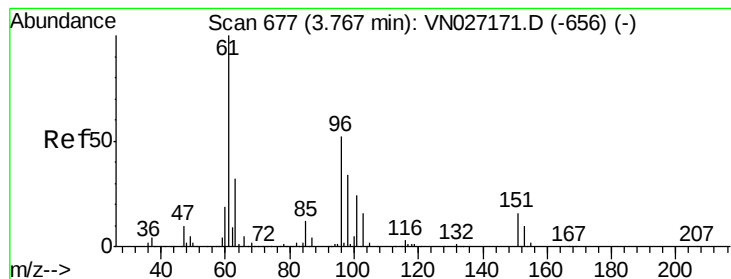
Tot Ion	Ratio	Lower	Upper
142	100		
127	46.0	32.3	48.5
141	14.0	11.2	16.8



#12
Tert butyl alcohol
Concen: 231.34 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.6	11.4





#13

1,1-Dichloroethene

Concen: 51.43 ug/l

RT: 3.77 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

S39-0095MS

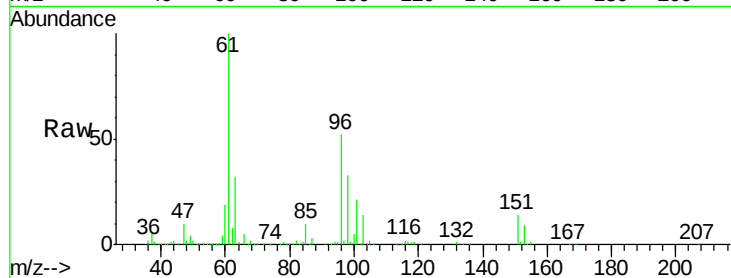
Tot Ion: 96 Resp: 328487

Ion Ratio Lower Upper

96 100

61 191.1 143.8 215.8

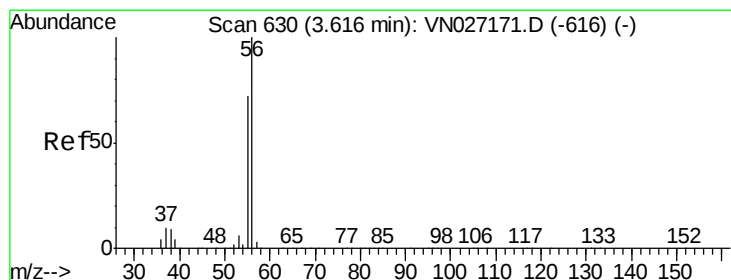
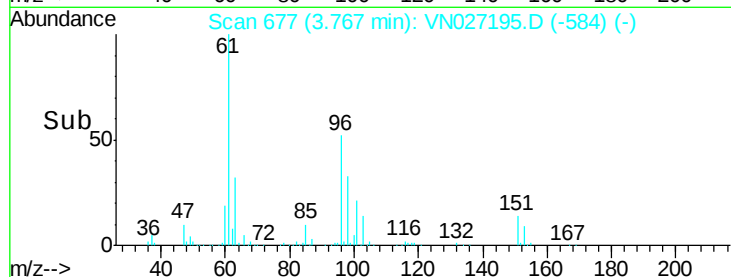
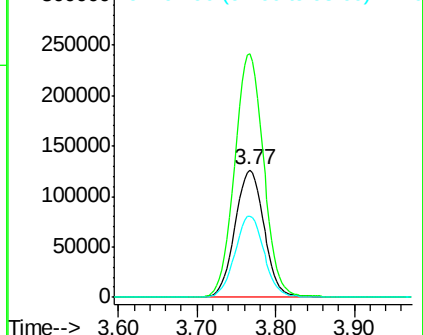
98 63.9 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#14

Acrolein

Concen: 59.44 ug/l

RT: 3.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN027195.D

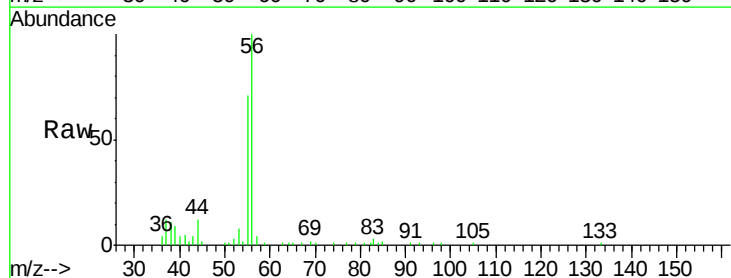
Acq: 16 Sep 2015 6:43

Tgt Ion: 56 Resp: 69590

Ion Ratio Lower Upper

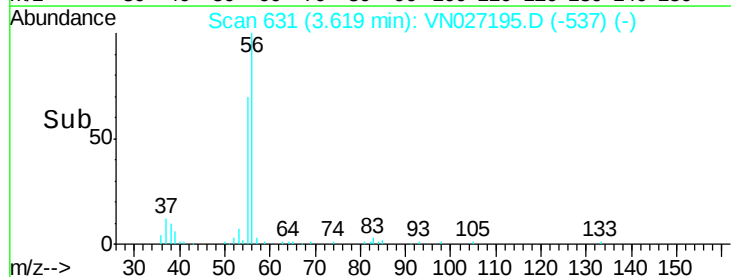
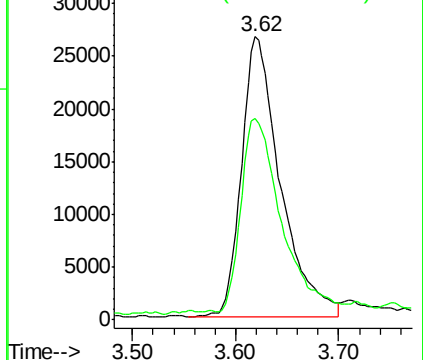
56 100

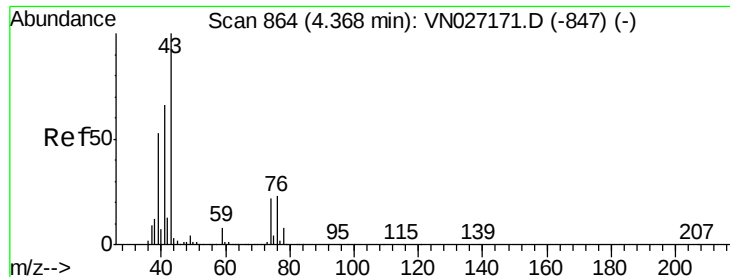
55 71.5 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

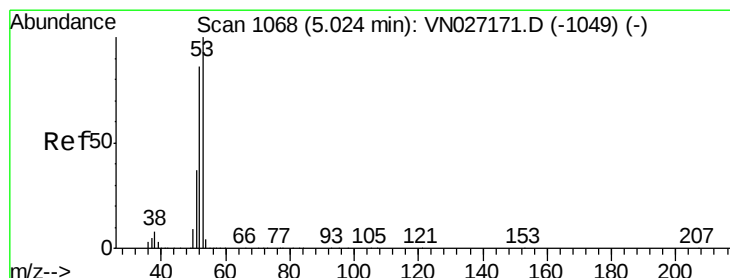
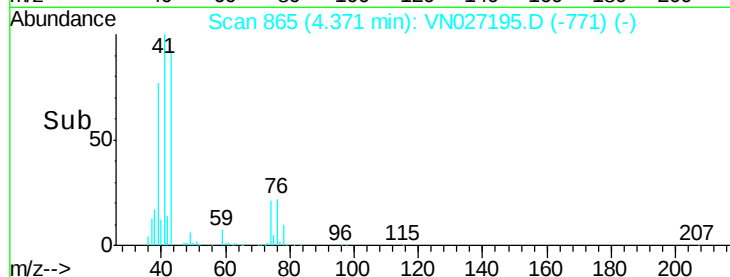
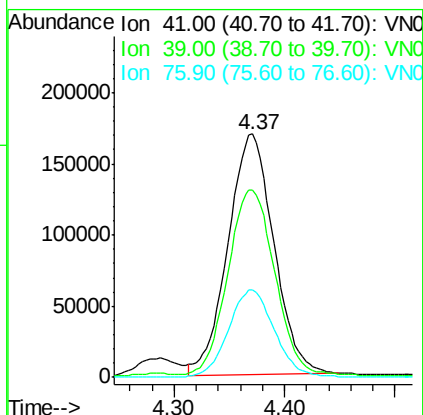
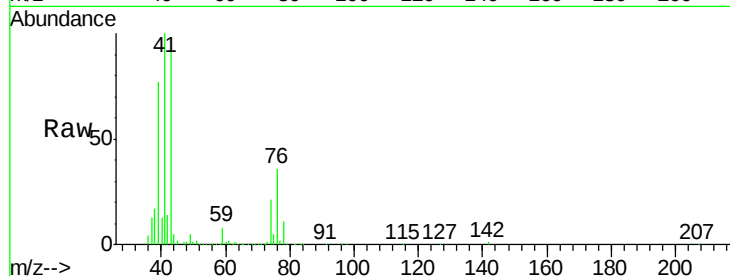




#15
Allvl chloride
Concen: 37.73 ug/l
RT: 4.37 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

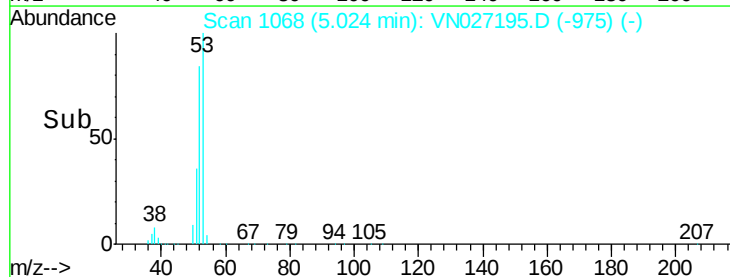
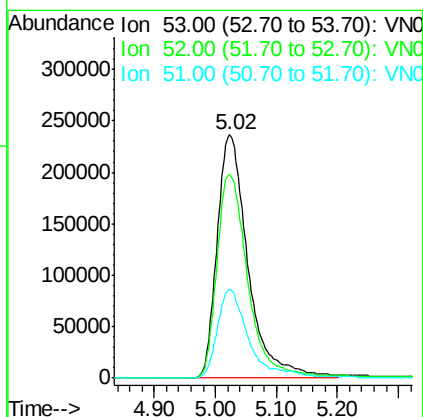
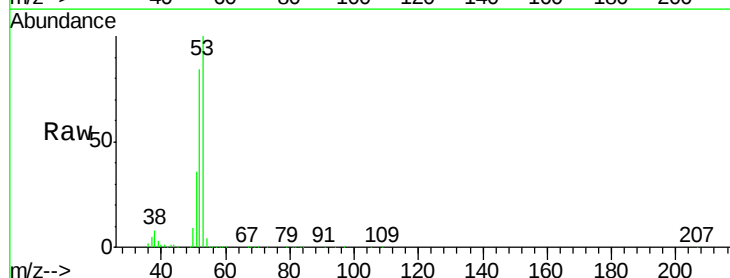
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MS

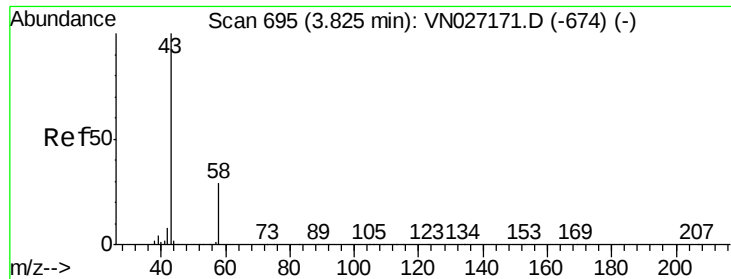
Tot Ion: 41 Resp: 486779
Ion Ratio Lower Upper
41 100
39 79.2 49.7 74.5#
76 35.8 24.8 37.2



#16
Acrylonitrile
Concen: 255.31 ug/l
RT: 5.02 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion: 53 Resp: 832119
Ion Ratio Lower Upper
53 100
52 83.6 66.9 100.3
51 36.7 27.4 41.0





#17

Acetone

Concen: 246.09 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

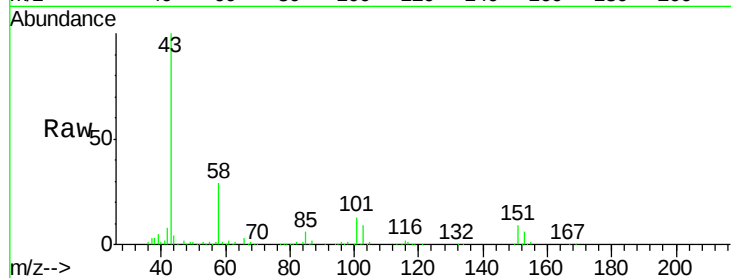
S39-0095MS

Tot Ion: 43 Resp: 676253

Ion Ratio Lower Upper

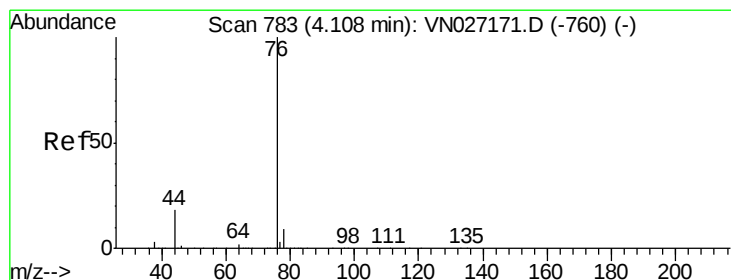
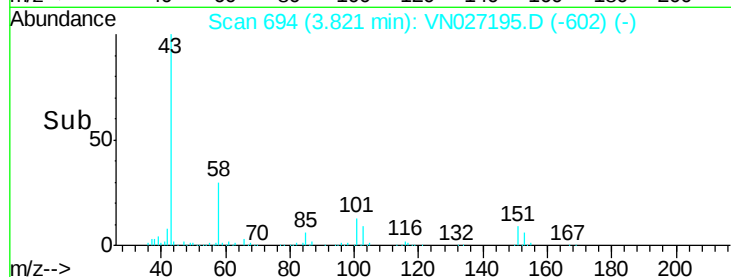
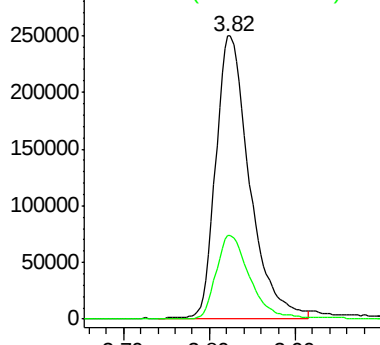
43 100

58 29.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Carbon Disulfide

Concen: 44.49 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027195.D

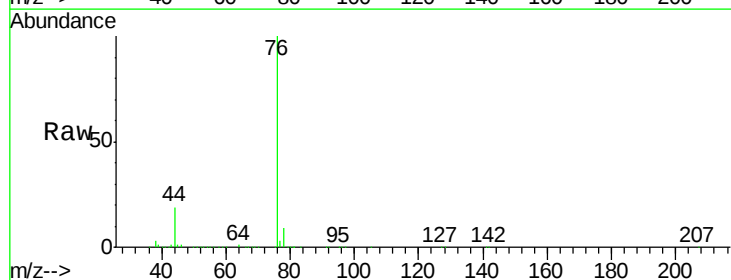
Acq: 16 Sep 2015 6:43

Tgt Ion: 76 Resp: 925270

Ion Ratio Lower Upper

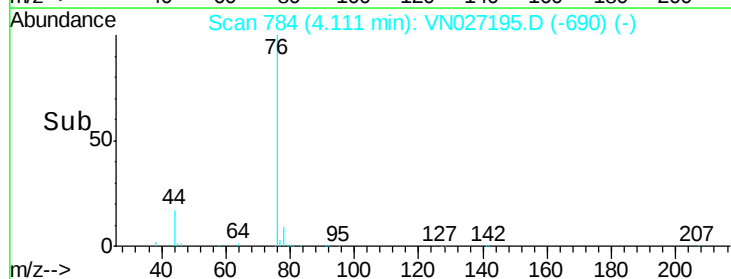
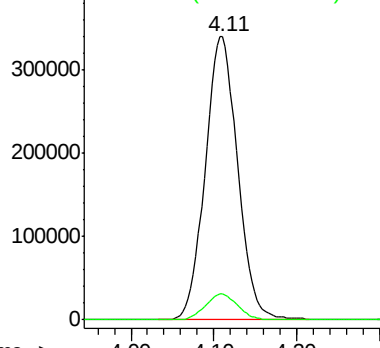
76 100

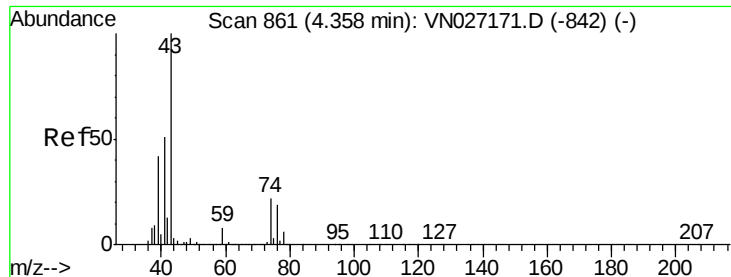
78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

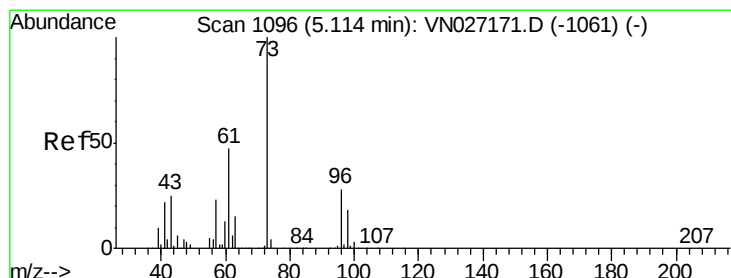
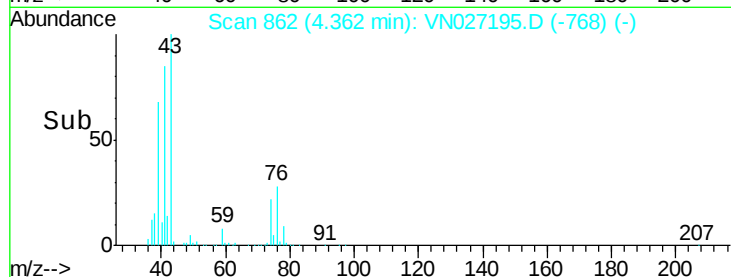
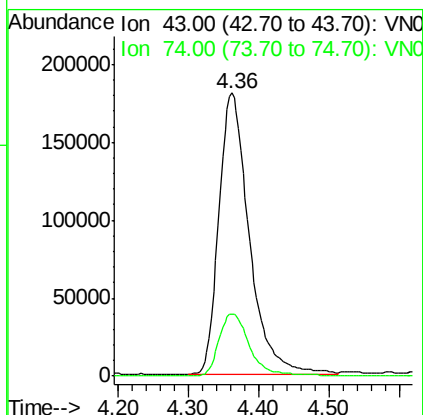
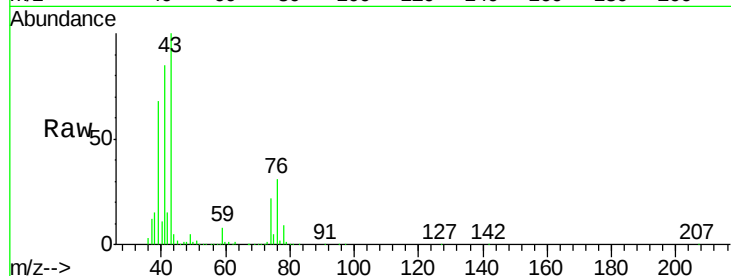




#19
Methvl Acetate
Concen: 27.33 ug/l
RT: 4.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

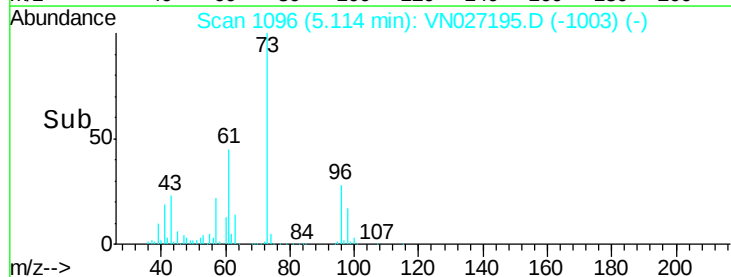
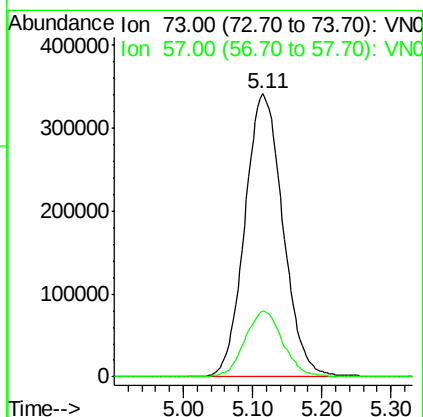
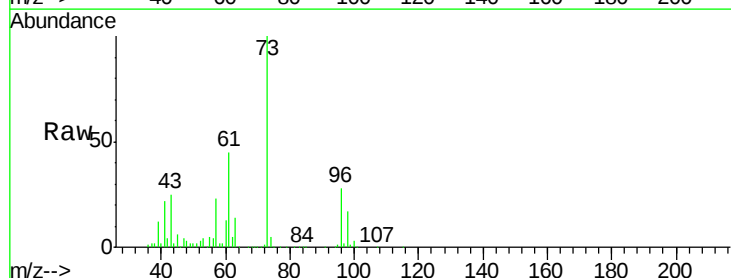
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MS

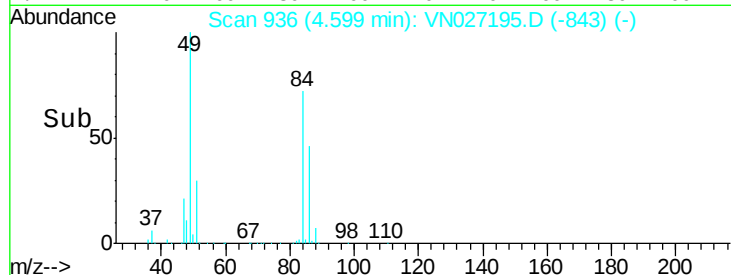
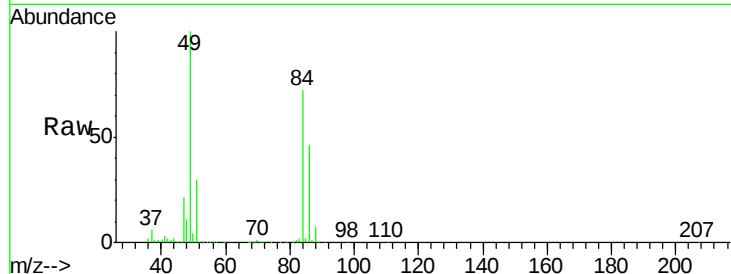
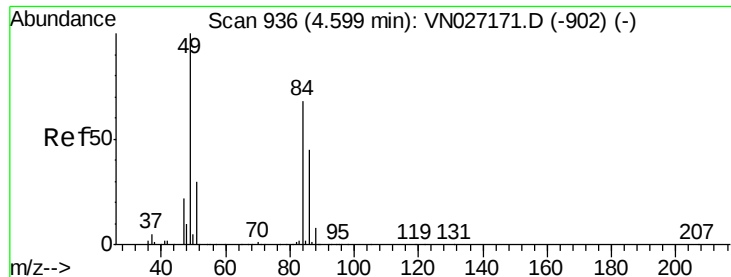
Tot Ion: 43 Resp: 543975
Ion Ratio Lower Upper
43 100
74 22.2 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 50.84 ug/l
RT: 5.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion: 73 Resp: 1303548
Ion Ratio Lower Upper
73 100
57 23.3 19.8 29.6

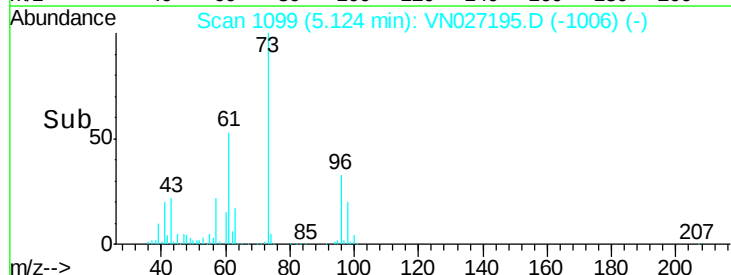
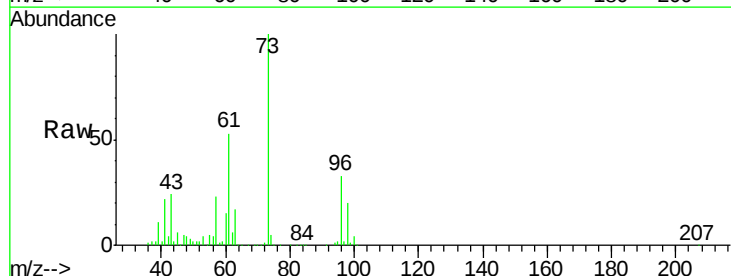
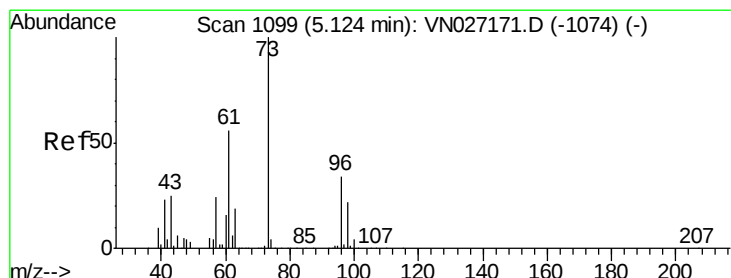
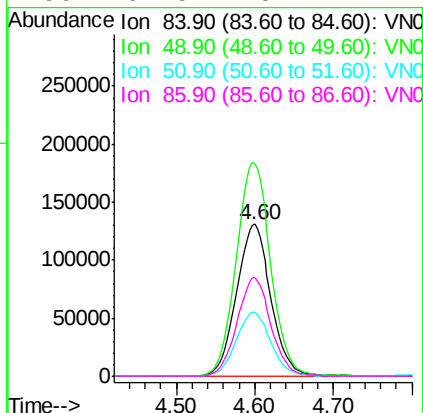




#21
Methvlene Chloride
Concen: 52.11 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

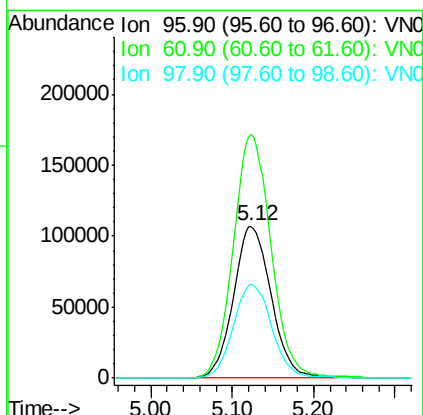
Instrument :
MSVOA_N
ClientSampled :
S39-0095MS

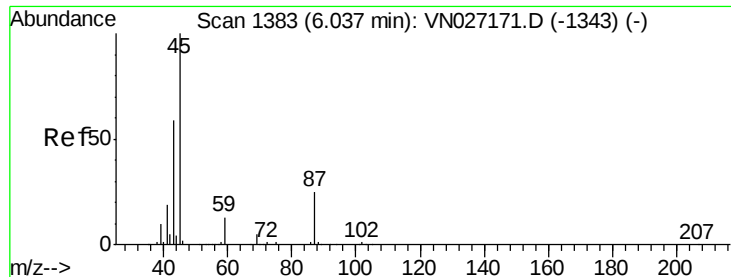
Tot Ion: 84 Resp: 398875
Ion Ratio Lower Upper
84 100
49 139.6 112.3 168.5
51 41.9 33.8 50.8
86 64.5 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 49.41 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion: 96 Resp: 341314
Ion Ratio Lower Upper
96 100
61 160.3 126.6 189.8
98 61.5 47.4 71.2

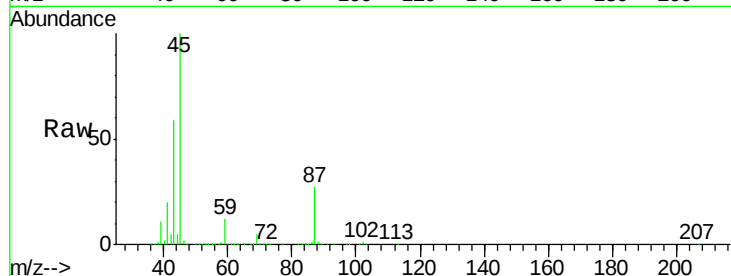




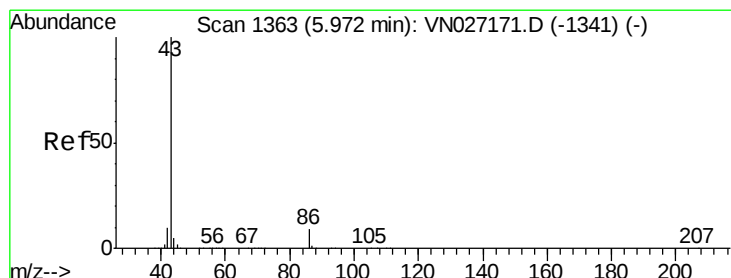
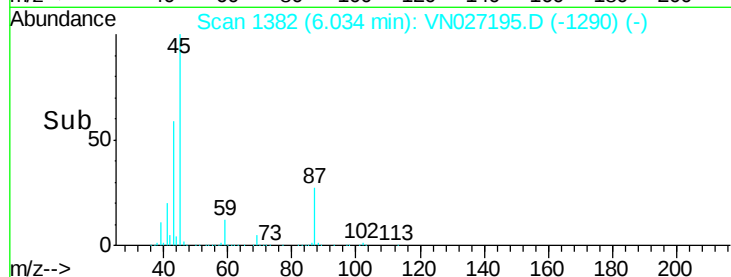
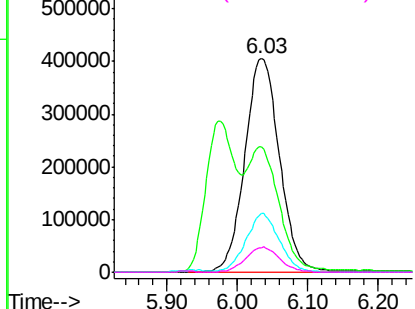
#23
Diisopropyl ether
Concen: 51.28 ug/l
RT: 6.03 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Instrument :
MSVOA_N
ClientSampled :
S39-0095MS

Tot Ion: 45 Resp: 1388036
Ion Ratio Lower Upper
45 100
43 57.4 41.0 61.6
87 27.3 17.5 26.3#
59 11.6 8.7 13.1

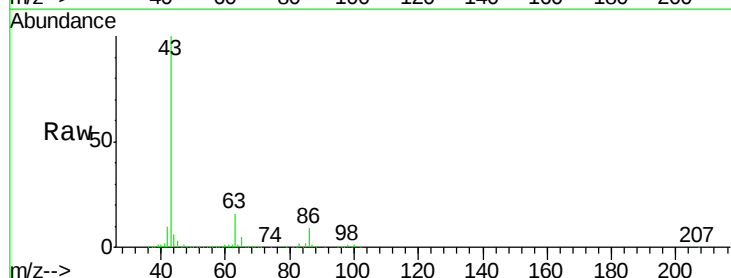


Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO

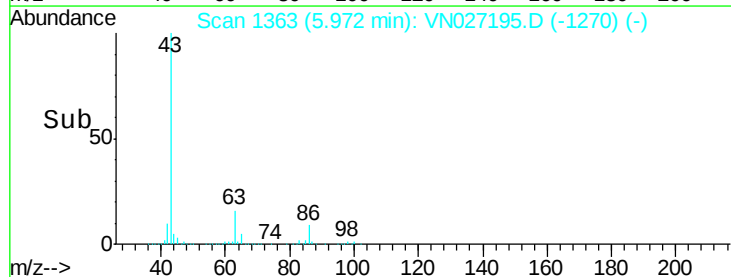
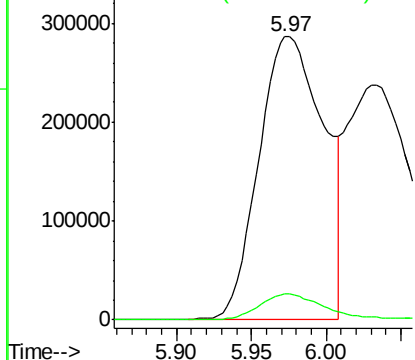


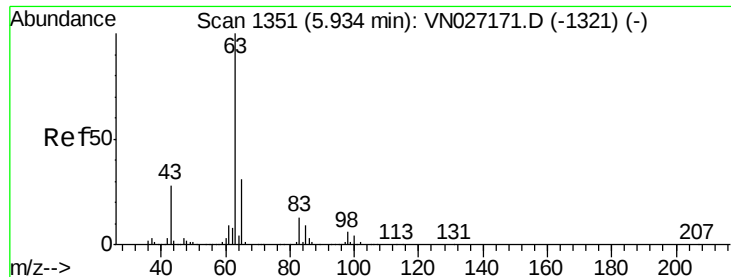
#24
Vinyl Acetate
Concen: 95.84 ug/l
RT: 5.97 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion: 43 Resp: 858625
Ion Ratio Lower Upper
43 100
86 9.0 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 86.00 (85.70 to 86.70): VNO





#25

1,1-Dichloroethane

Concen: 51.31 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MS

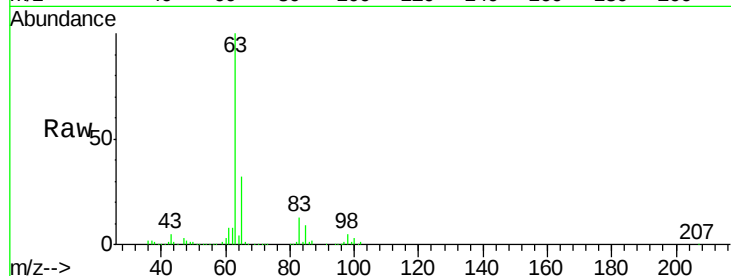
Tot Ion: 63 Resp: 806837

Ion Ratio Lower Upper

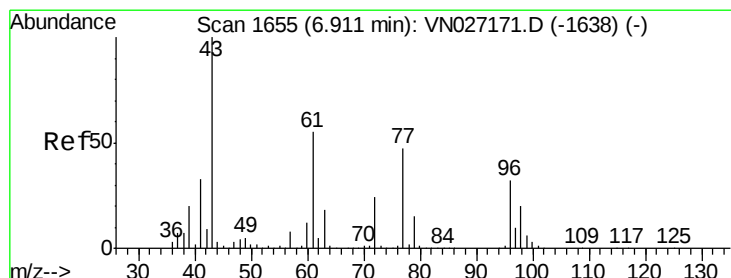
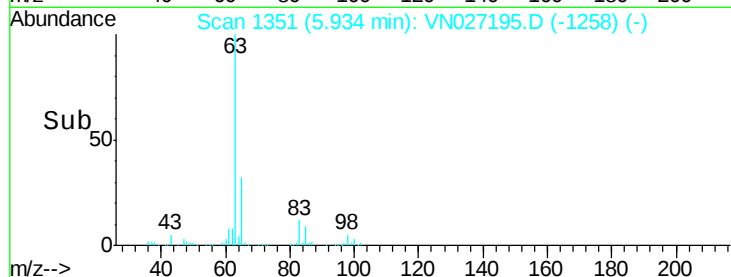
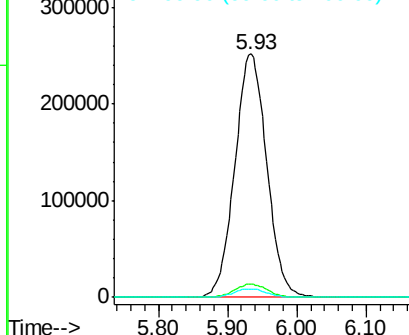
63 100

98 5.5 2.8 8.3

100 3.4 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0



#26

2-Butanone

Concen: 244.32 ug/l

RT: 6.91 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VN027195.D

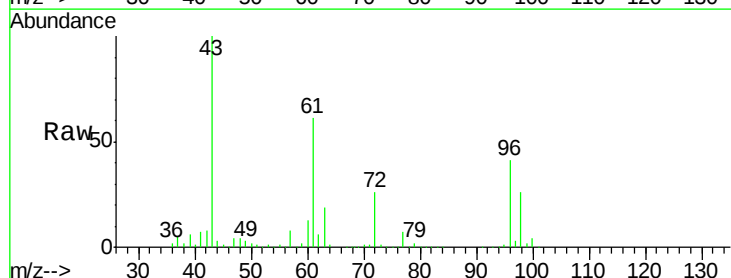
Acq: 16 Sep 2015 6:43

Tgt Ion: 43 Resp: 1011000

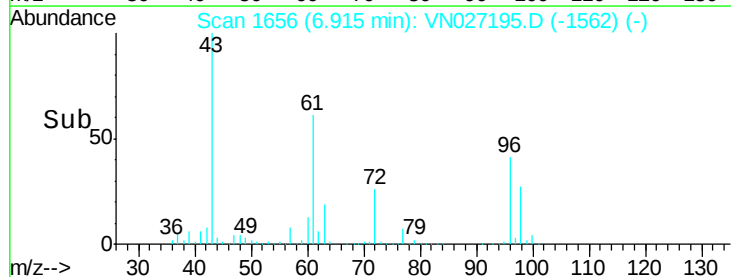
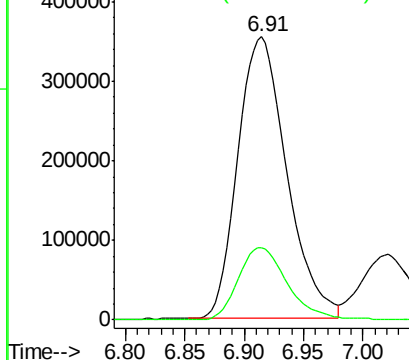
Ion Ratio Lower Upper

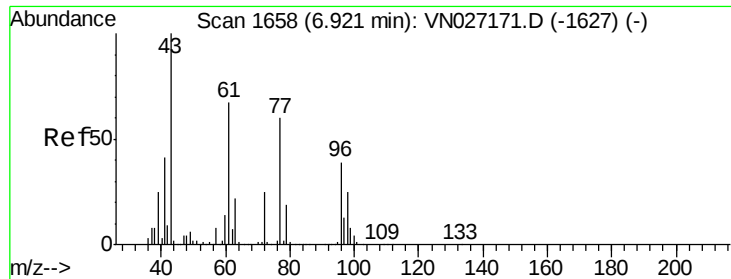
43 100

72 25.7 18.8 28.2



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





#27

2,2-Dichloropropane

Concen: 6.15 ug/l

RT: 6.92 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

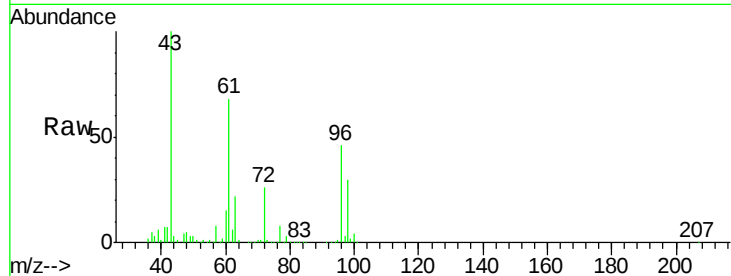
S39-0095MS

Tot Ion: 77 Resp: 83963

Ion Ratio Lower Upper

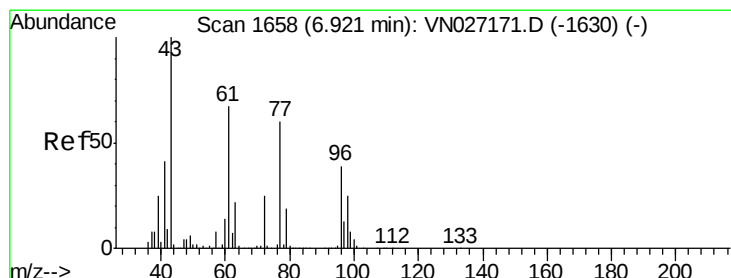
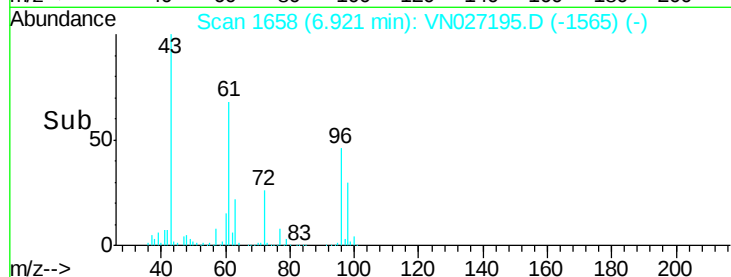
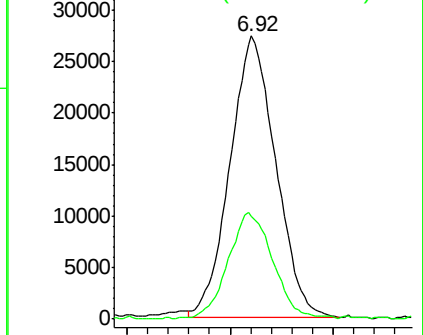
77 100

97 35.5 11.8 35.3#



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



#28

cis-1,2-Dichloroethene

Concen: 53.76 ug/l

RT: 6.92 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

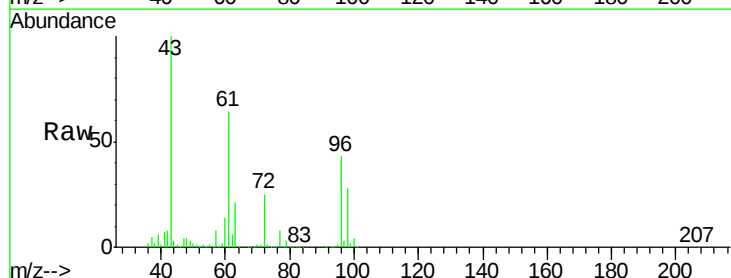
Tgt Ion: 96 Resp: 425936

Ion Ratio Lower Upper

96 100

61 148.6 0.0 329.2

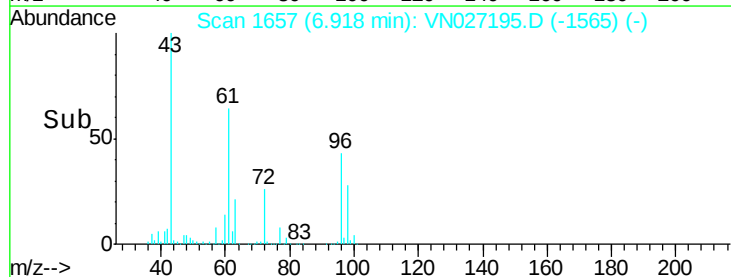
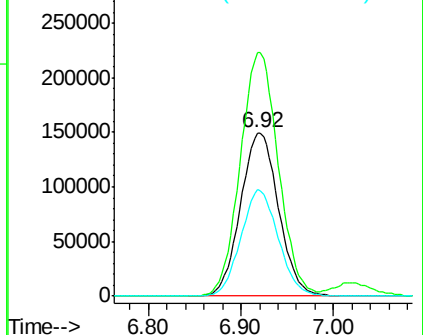
98 64.3 0.0 126.0

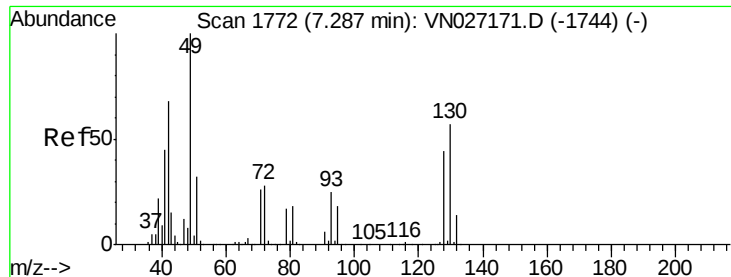


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#29

Bromochloromethane

Concen: 55.16 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MS

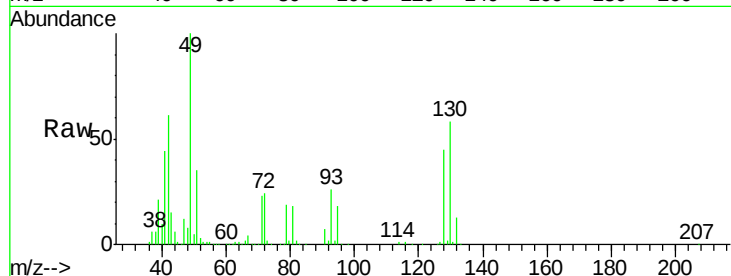
Tot Ion: 49 Resp: 336646

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.2

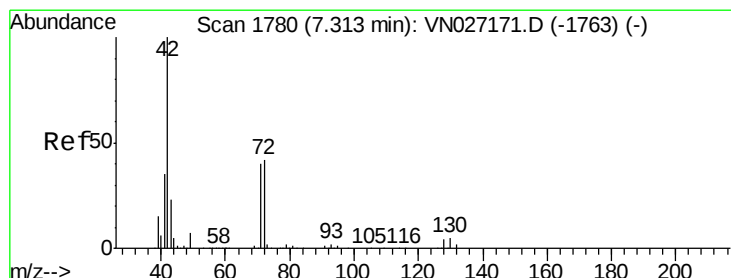
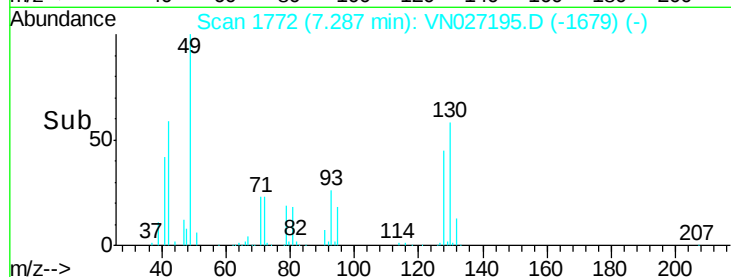
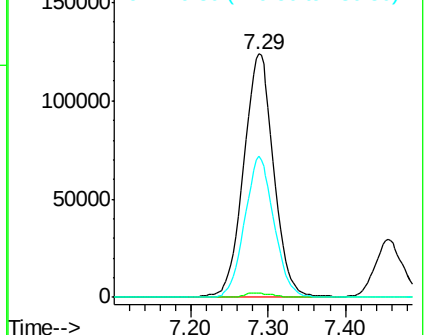
130 56.1 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VN027195.D (-1679) (-)

Ion 128.80 (128.50 to 129.50): VN027195.D (-1679) (-)

Ion 129.80 (129.50 to 130.50): VN027195.D (-1679) (-)



#30

Tetrahydrofuran

Concen: 232.16 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

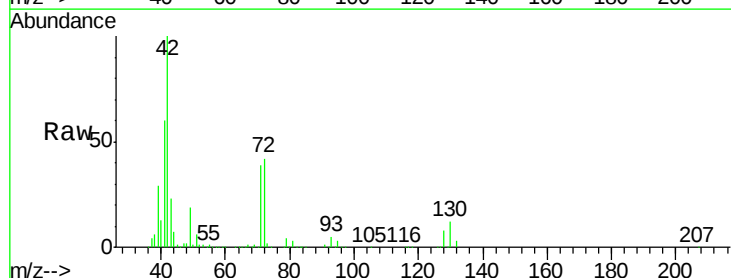
Tgt Ion: 42 Resp: 662082

Ion Ratio Lower Upper

42 100

72 42.8 29.9 44.9

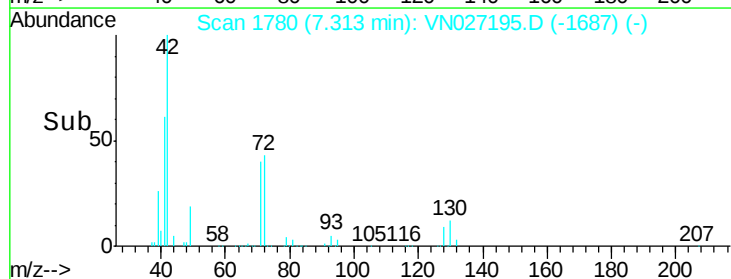
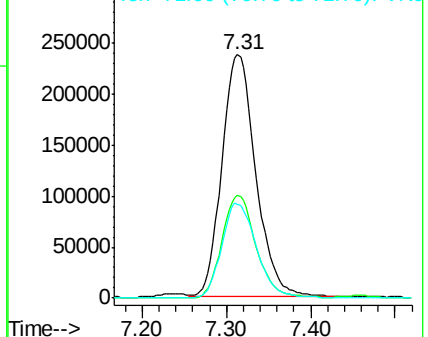
71 40.6 28.3 42.5

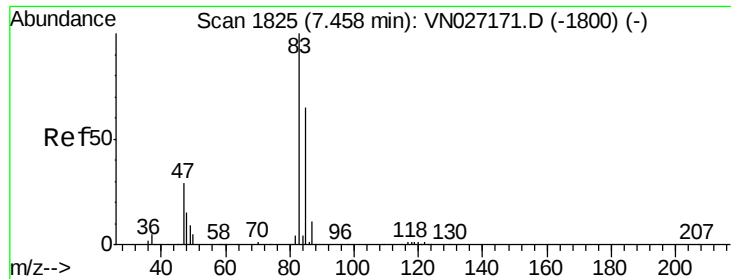


Abundance Ion 42.00 (41.70 to 42.70): VN027195.D (-1687) (-)

Ion 72.00 (71.70 to 72.70): VN027195.D (-1687) (-)

Ion 71.00 (70.70 to 71.70): VN027195.D (-1687) (-)

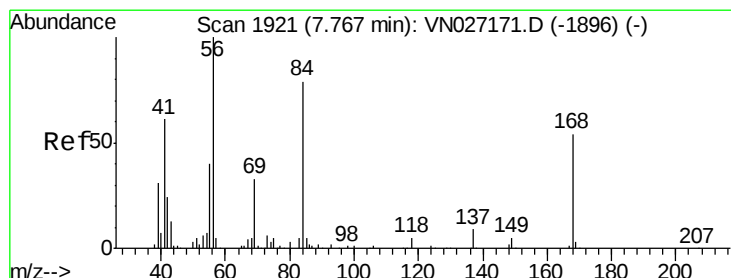
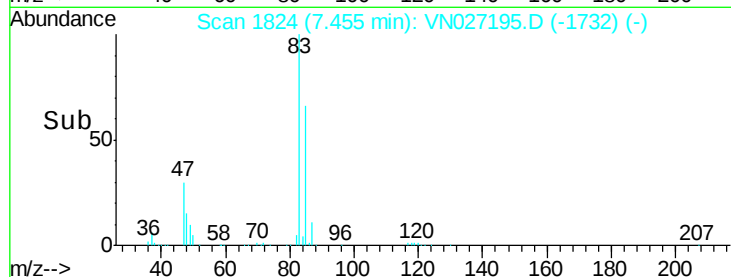
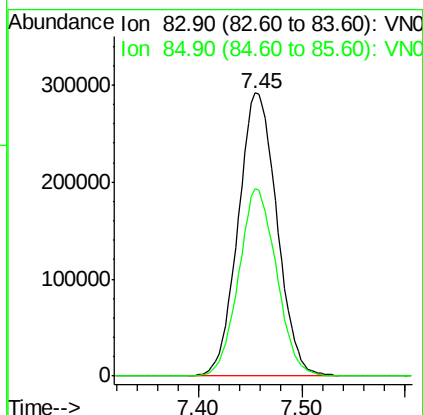
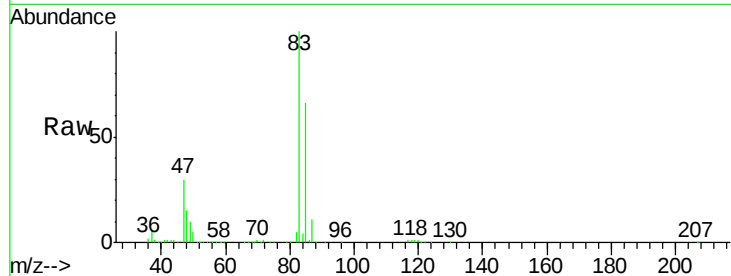




#31
Chloroform
Concen: 53.51 ug/l
RT: 7.45 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

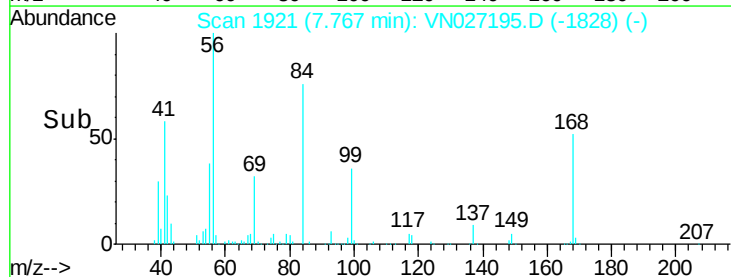
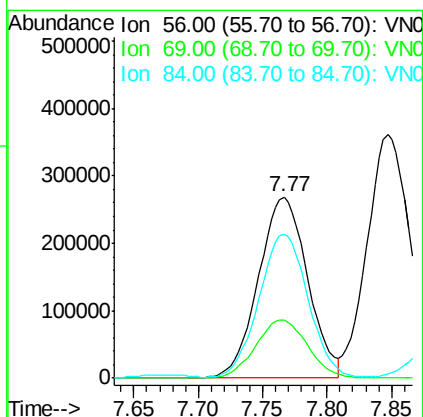
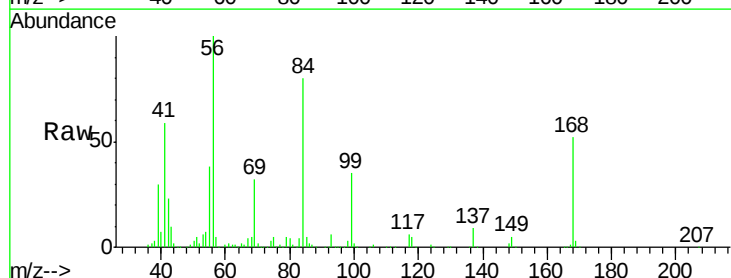
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MS

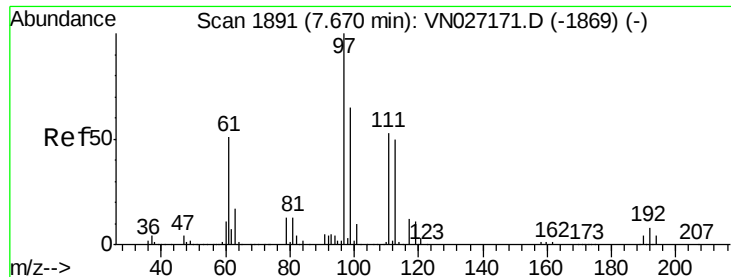
Tot Ion: 83 Resp: 760295
Ion Ratio Lower Upper
83 100
85 66.0 51.1 76.7



#32
Cyclohexane
Concen: 50.82 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion: 56 Resp: 711123
Ion Ratio Lower Upper
56 100
69 31.9 23.0 34.4
84 78.7 57.8 86.8

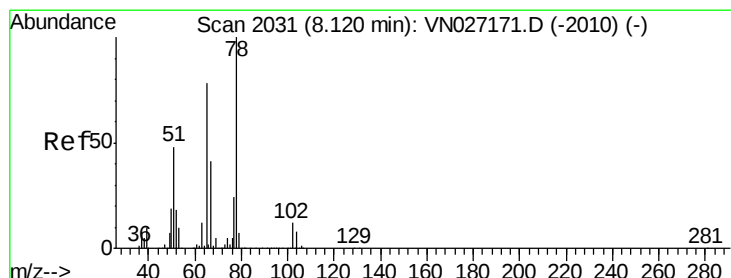
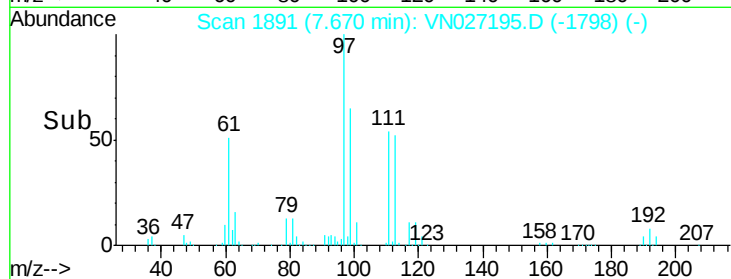
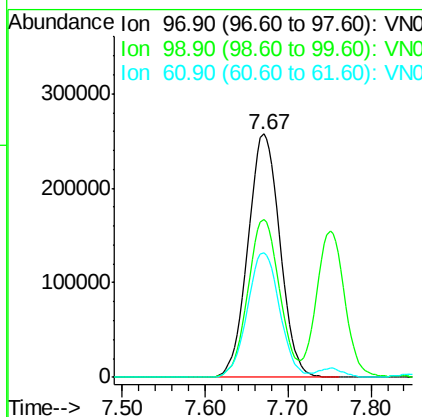
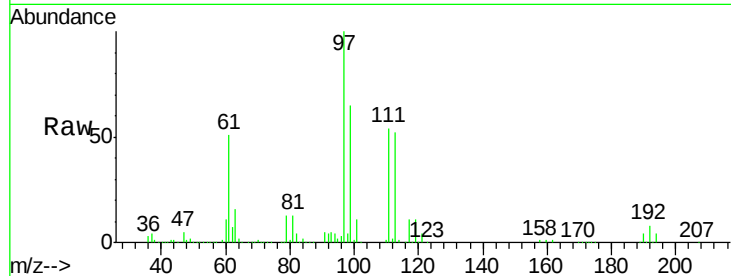




#33
 1,1,1-Trichloroethane
 Concen: 54.50 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

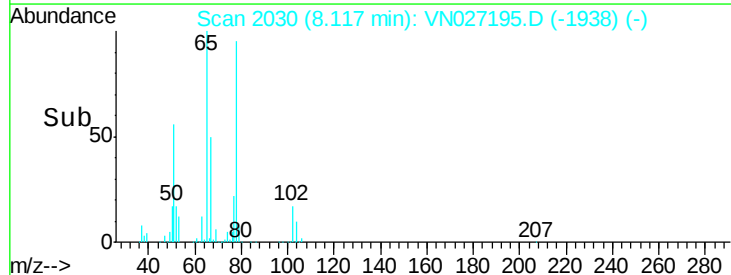
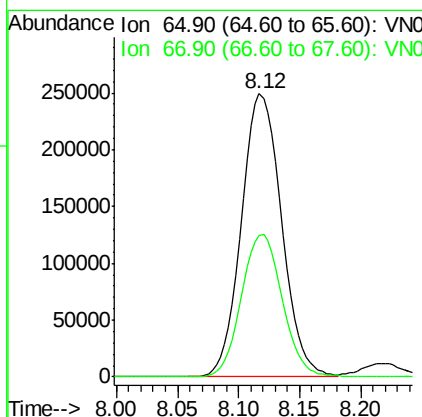
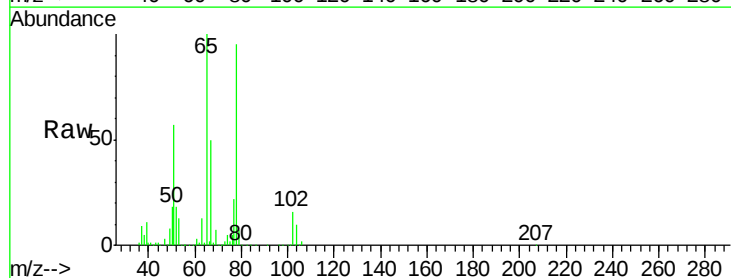
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MS

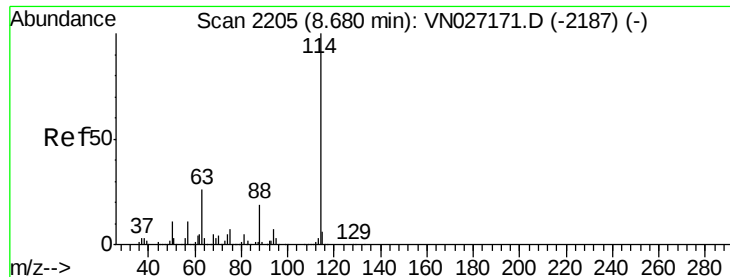
Tot Ion	97	Resp	690349
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.1	75.1
61	51.6	44.0	66.0



#34
 1,2-Dichloroethane-d4
 Concen: 55.80 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

Tgt Ion	65	Resp	568726
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	110.6

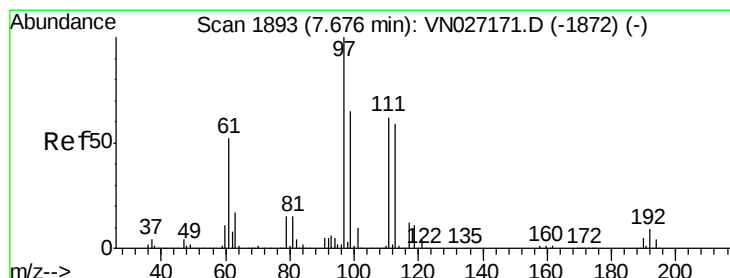
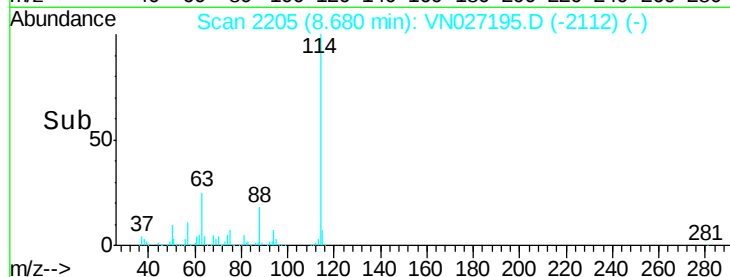
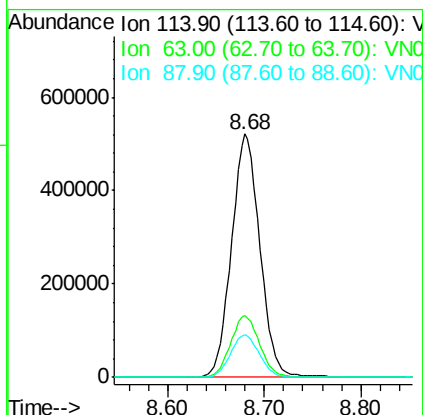
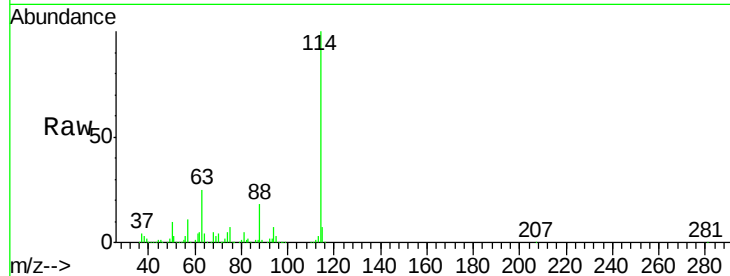




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

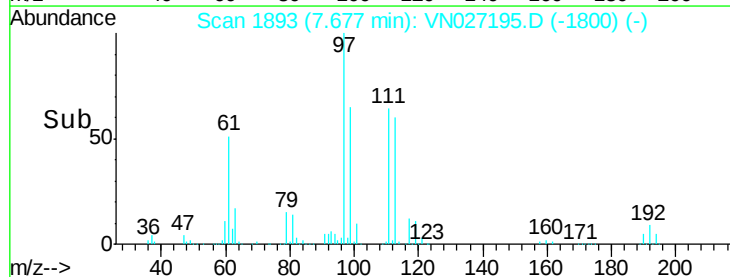
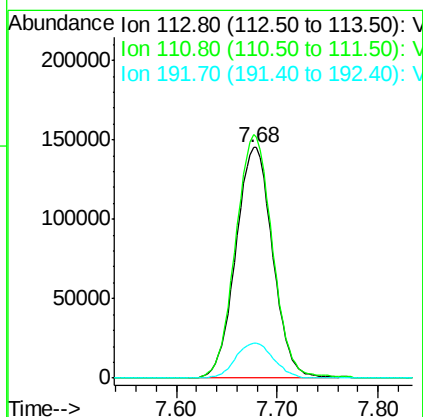
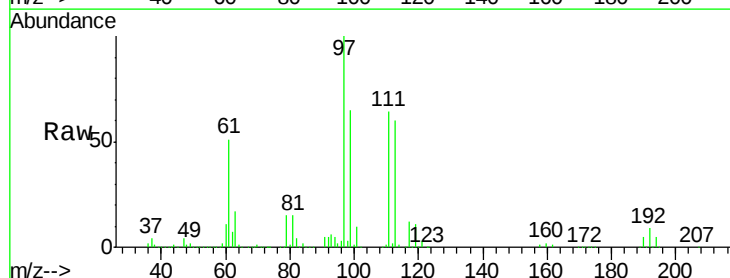
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MS

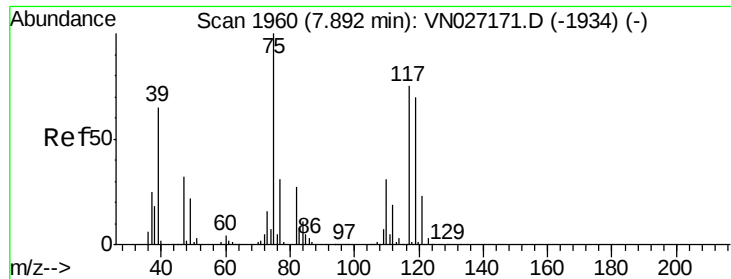
Tot Ion:114 Resp: 1063488
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 48.8
 88 17.7 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 49.93 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

Tgt Ion:113 Resp: 368085
 Ion Ratio Lower Upper
 113 100
 111 105.6 83.0 124.4
 192 15.6 14.1 21.1

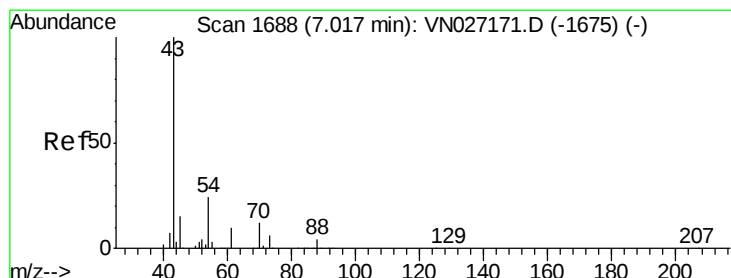
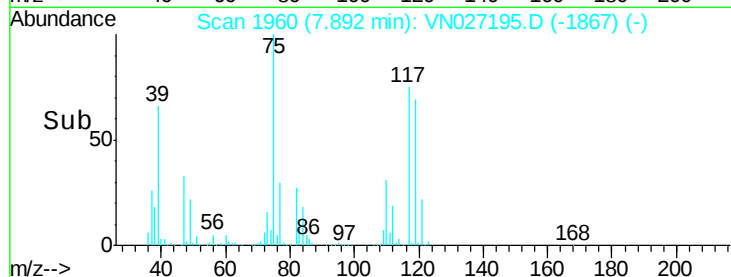
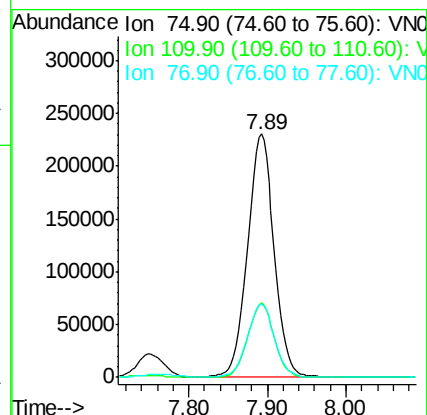
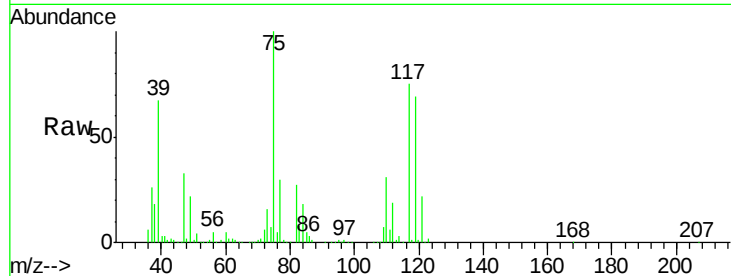




#37
 1,1-Dichloropropene
 Concen: 44.02 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

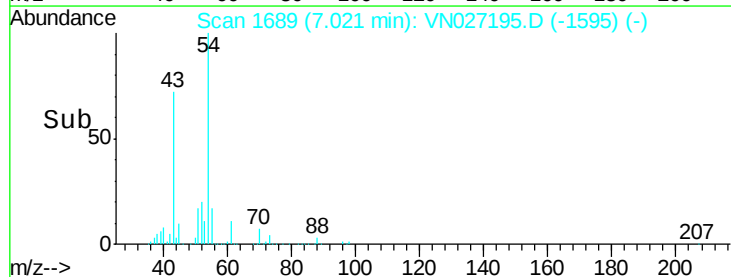
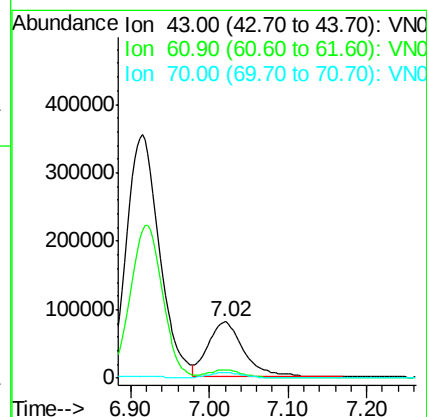
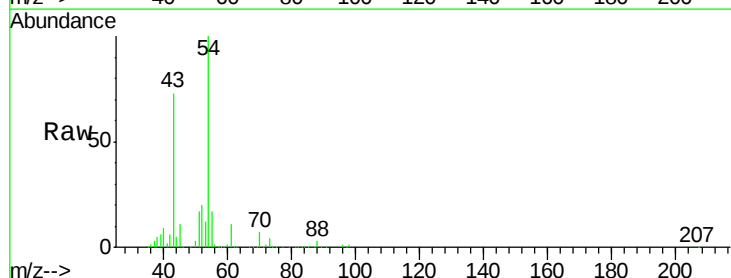
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MS

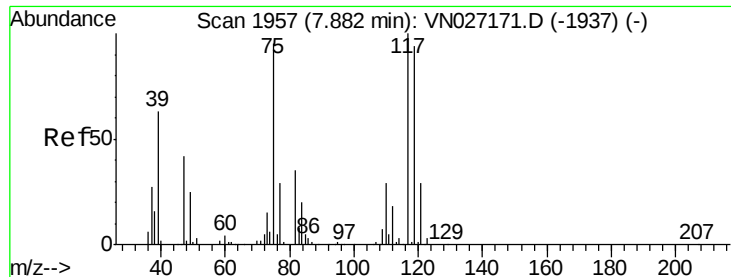
Tot Ion	Ratio	Lower	Upper
75	100		
110	30.5	15.9	47.7
77	30.6	24.9	37.3



#38
 Ethyl Acetate
 Concen: 23.49 ug/l
 RT: 7.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	8.9	7.4	11.0

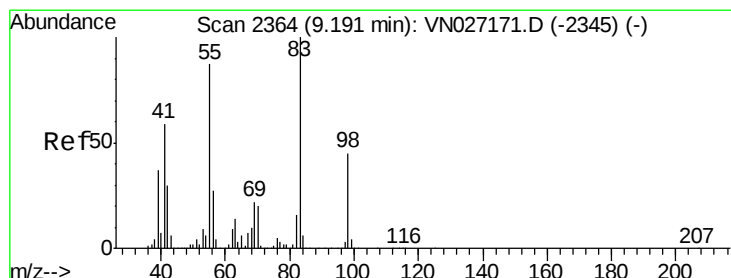
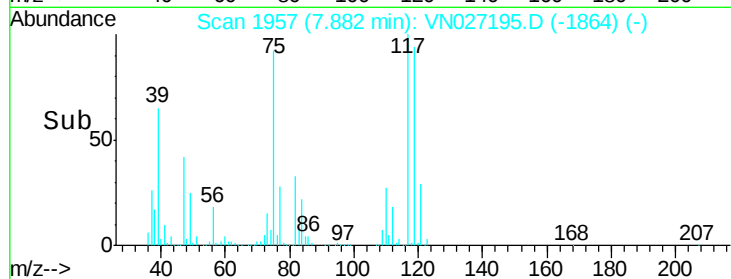
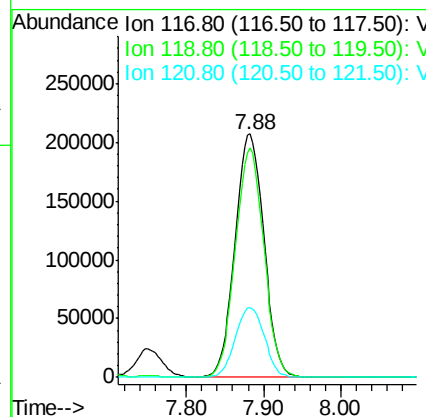
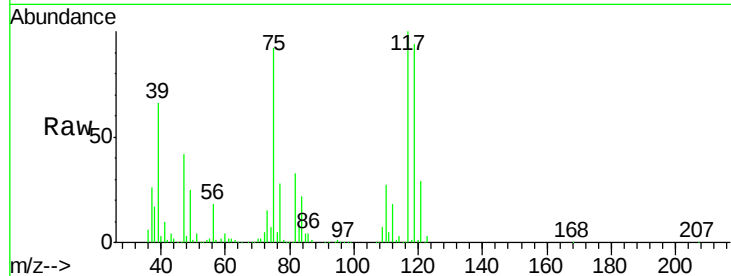




#39
Carbon Tetrachloride
Concen: 45.73 ug/l
RT: 7.88 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

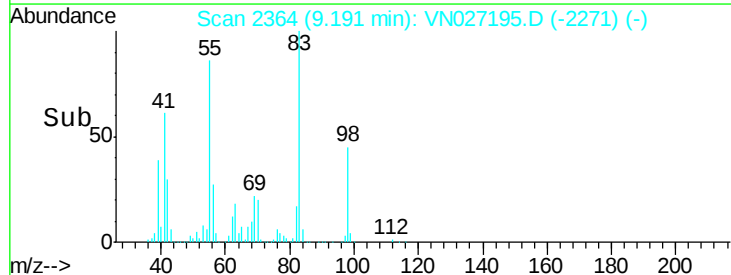
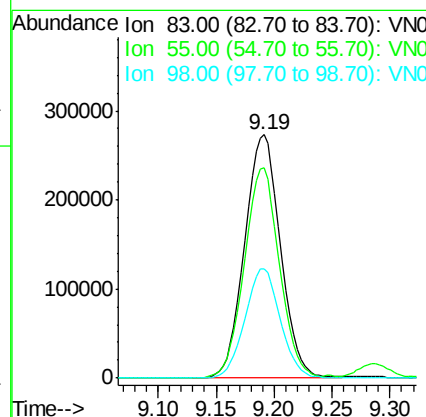
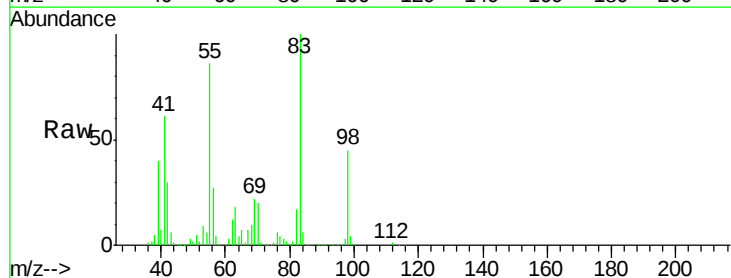
Instrument :
MSVOA_N
ClientSampled :
S39-0095MS

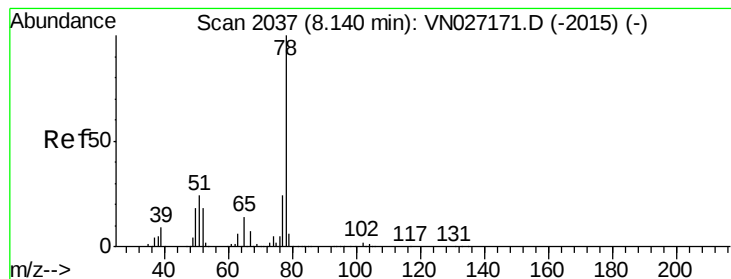
Tot Ion:117 Resp: 535221
Ion Ratio Lower Upper
117 100
119 94.4 75.3 112.9
121 28.8 23.8 35.8



#40
Methylcyclohexane
Concen: 38.77 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion: 83 Resp: 587804
Ion Ratio Lower Upper
83 100
55 86.1 69.8 104.8
98 45.1 34.3 51.5





#41

Benzene

Concen: 45.90 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

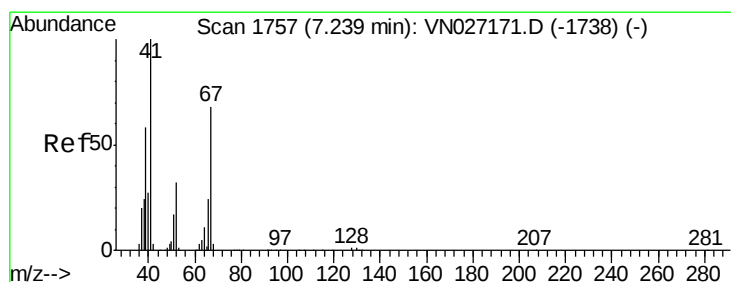
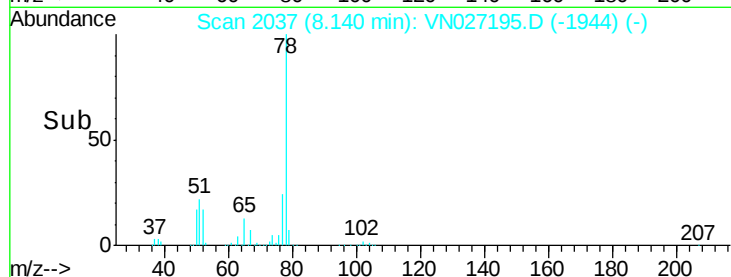
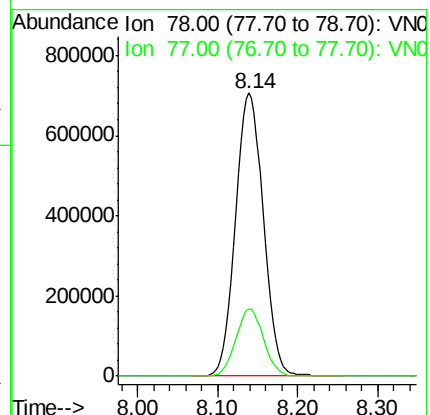
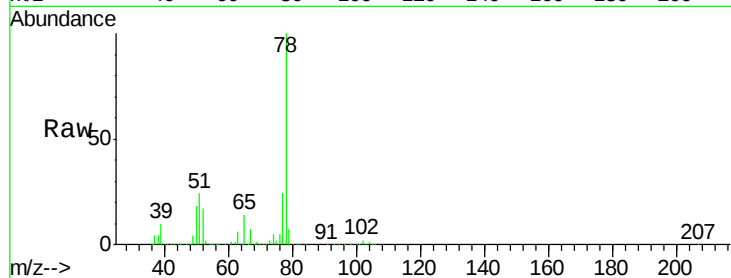
S39-0095MS

Tot Ion: 78 Resp: 1667154

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



#42

Methacrylonitrile

Concen: 45.15 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Tgt Ion: 41 Resp: 271713

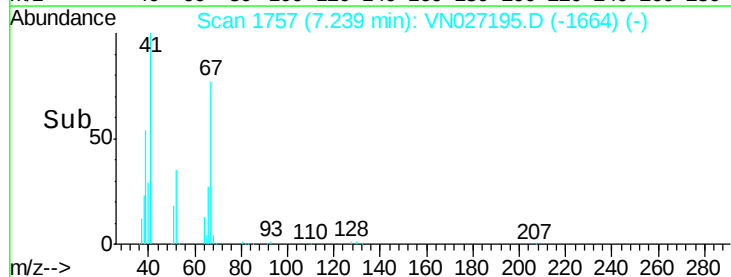
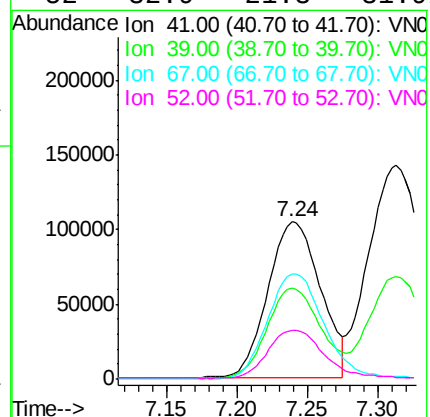
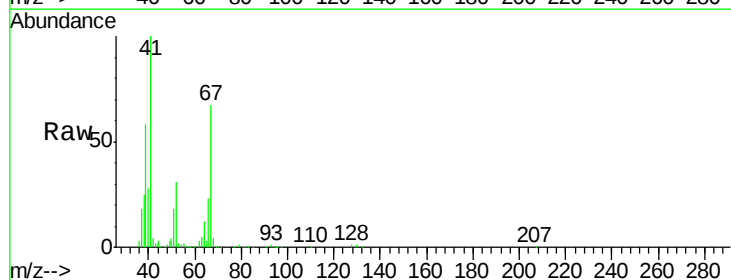
Ion Ratio Lower Upper

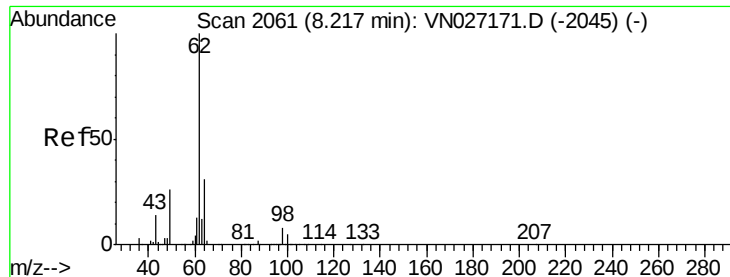
41 100

39 59.5 43.0 64.6

67 71.3 52.2 78.2

52 32.9 21.3 31.9#

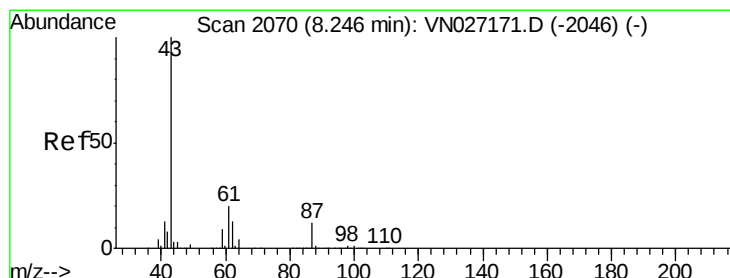
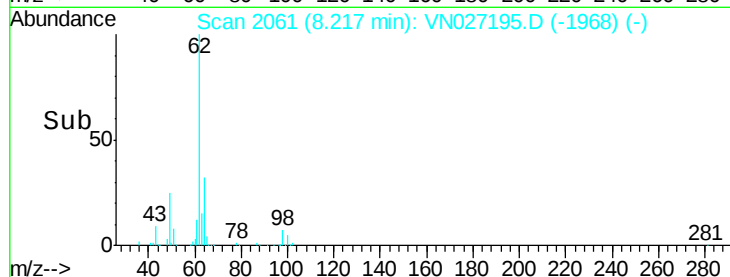
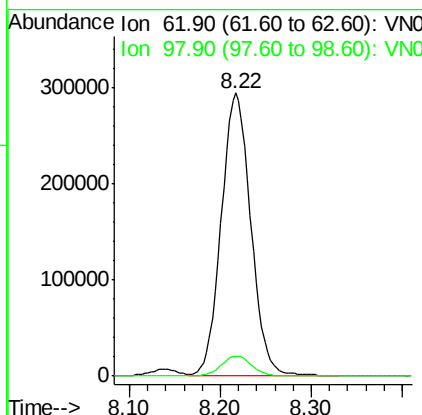
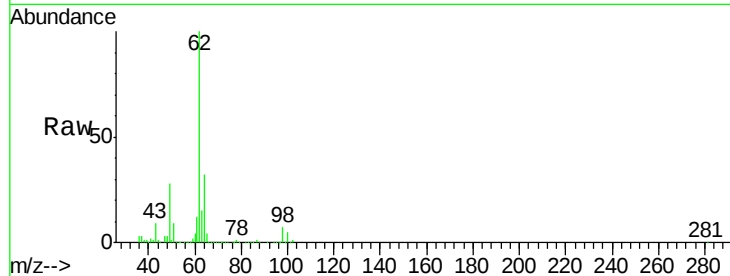




#43
 1,2-Dichloroethane
 Concen: 45.22 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

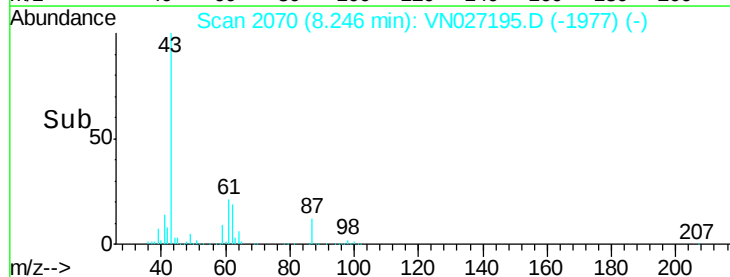
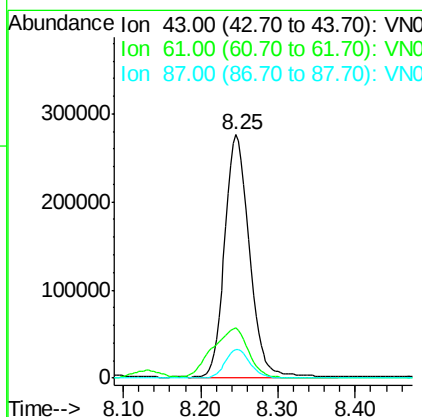
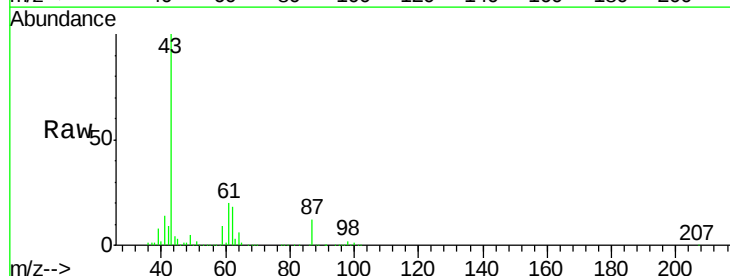
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MS

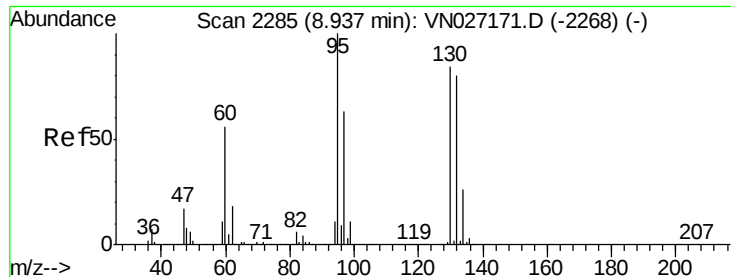
Tot Ion: 62 Resp: 661696
 Ion Ratio Lower Upper
 62 100
 98 7.4 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 30.58 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

Tgt Ion: 43 Resp: 608318
 Ion Ratio Lower Upper
 43 100
 61 29.7 20.6 31.0
 87 12.1 8.6 13.0





#45

Trichloroethene

Concen: 50.23 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

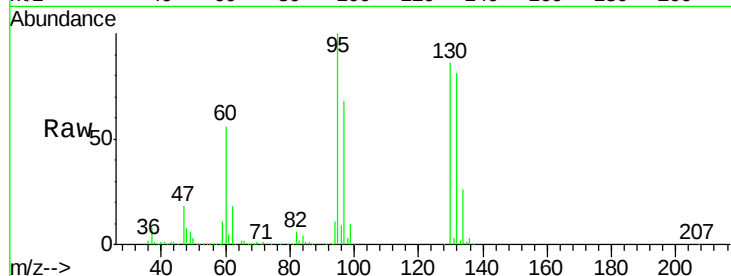
S39-0095MS

Tot Ion:130 Resp: 366482

Ion Ratio Lower Upper

130 100

95 116.5 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

250000

200000

150000

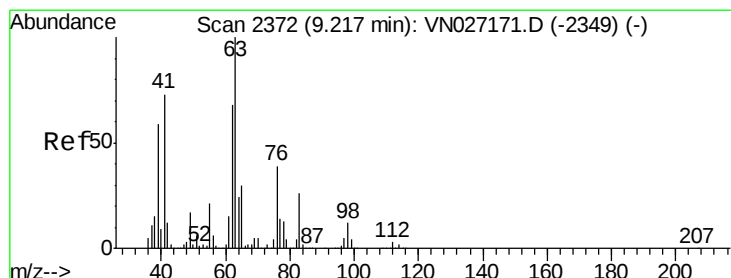
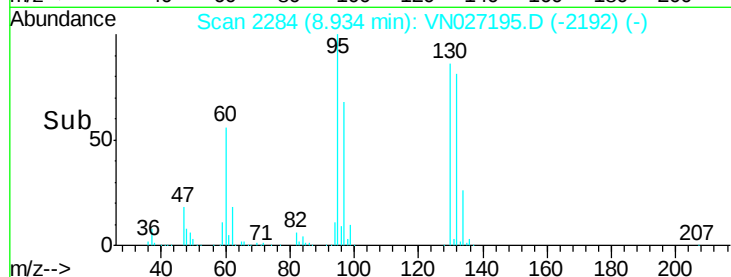
100000

50000

0

8.85 8.90 8.95 9.00 9.05

Time-->



#46

1,2-Dichloropropane

Concen: 45.23 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN027195.D

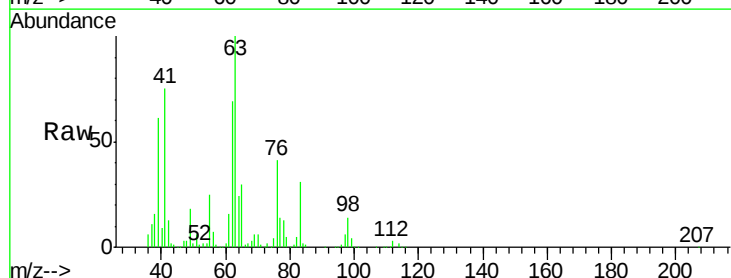
Acq: 16 Sep 2015 6:43

Tgt Ion: 63 Resp: 472673

Ion Ratio Lower Upper

63 100

65 29.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

250000

200000

150000

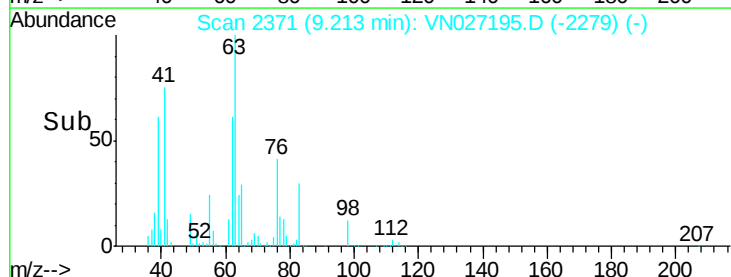
100000

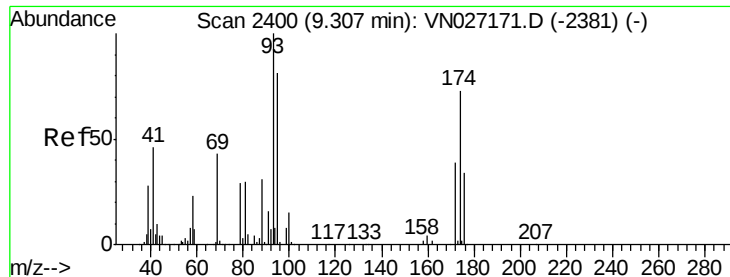
50000

0

9.10 9.20 9.30

Time-->





#47

Dibromomethane

Concen: 45.11 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

S39-0095MS

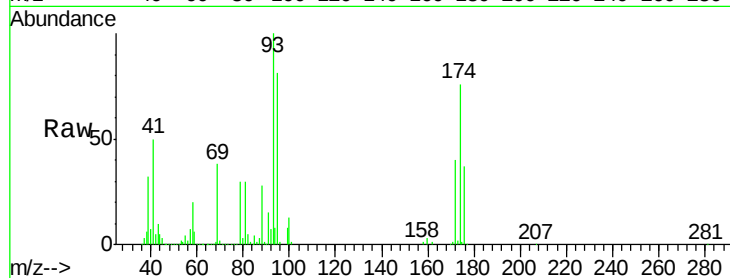
Tot Ion: 93 Resp: 276795

Ion Ratio Lower Upper

93 100

95 80.5 66.3 99.5

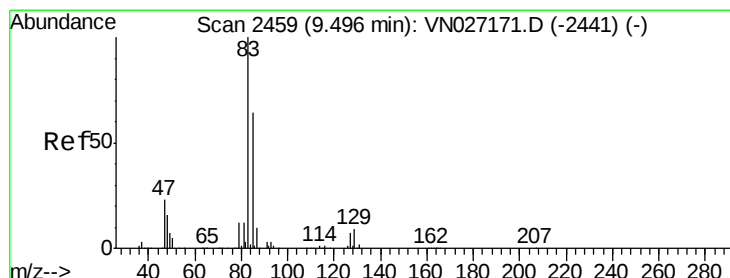
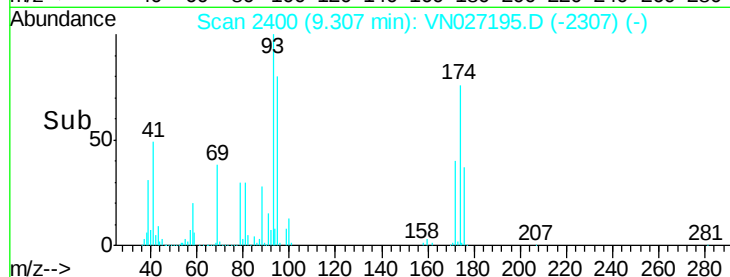
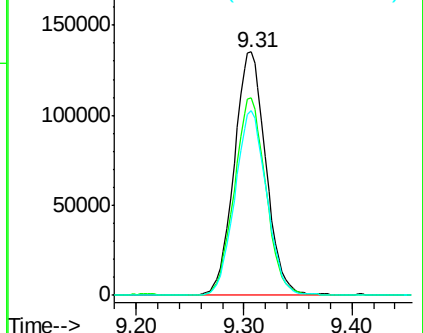
174 75.9 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



#48

Bromodichloromethane

Concen: 46.54 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

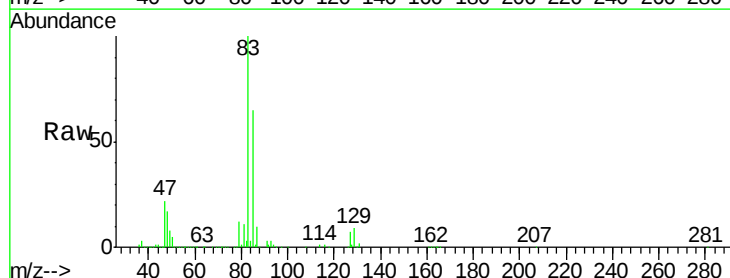
Tgt Ion: 83 Resp: 601767

Ion Ratio Lower Upper

83 100

85 65.0 50.7 76.1

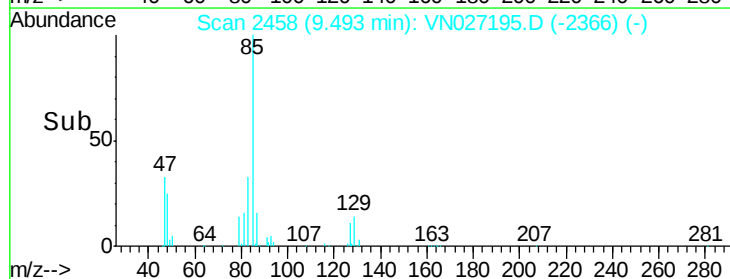
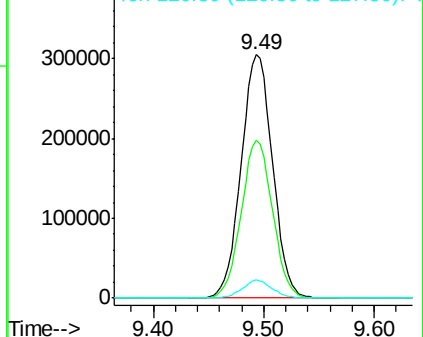
127 7.4 5.5 8.3

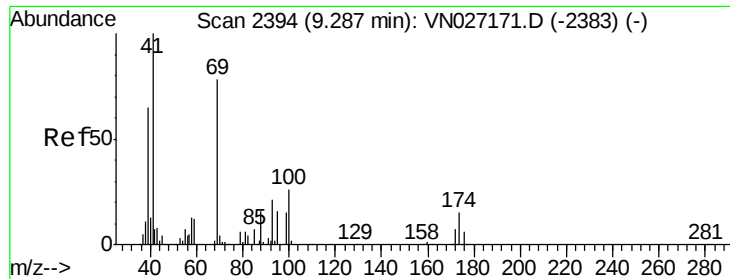


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

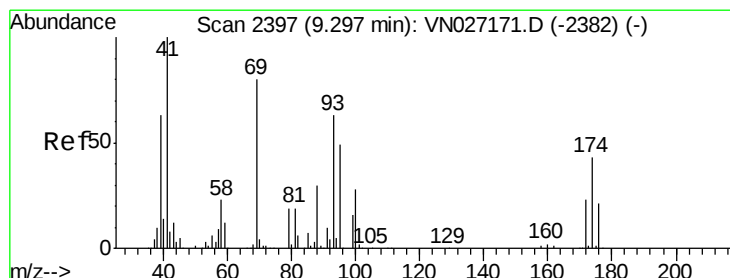
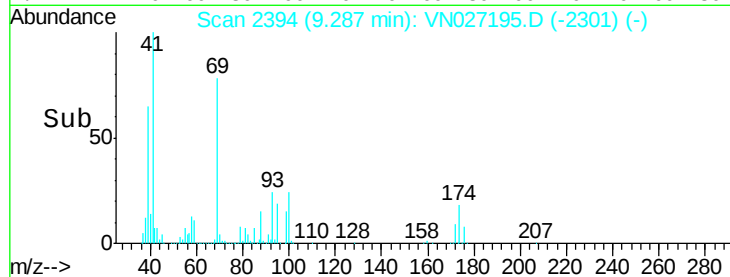
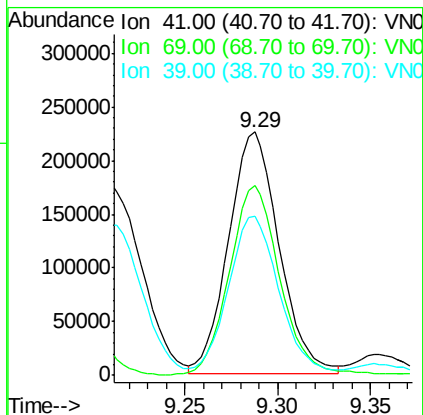
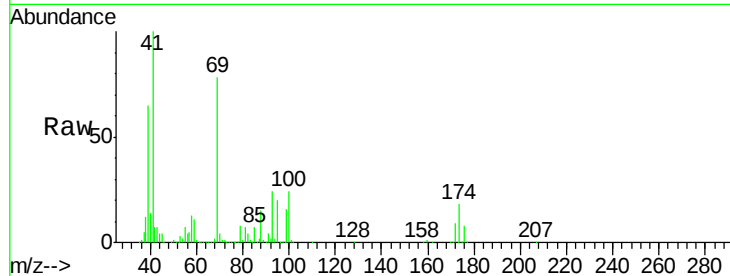




#49
Methvl methacrylate
Concen: 43.06 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

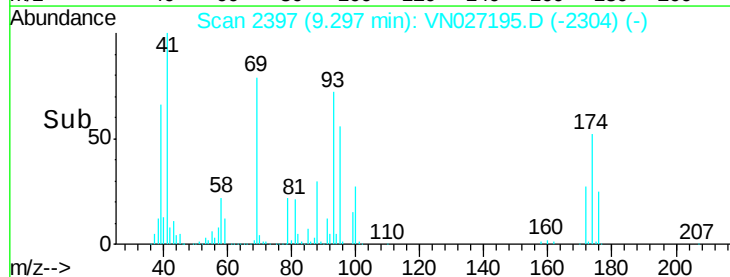
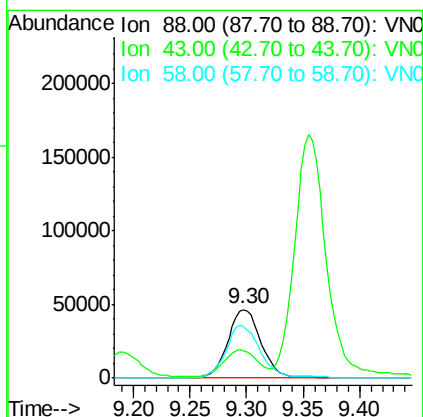
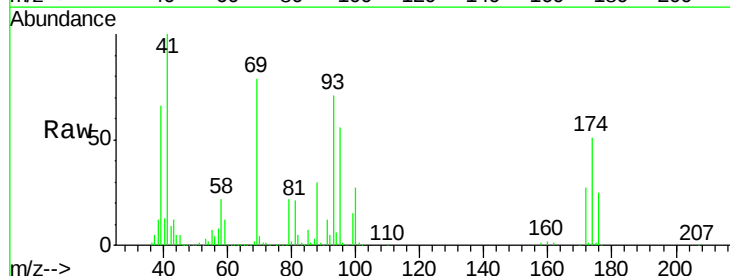
Instrument :
MSVOA_N
ClientSampled :
S39-0095MS

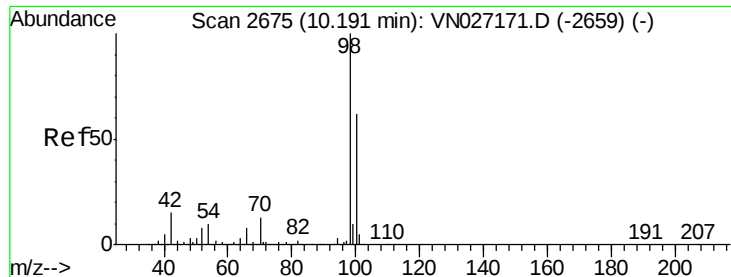
Tot Ion: 41 Resp: 426764
Ion Ratio Lower Upper
41 100
69 78.2 59.3 88.9
39 65.8 39.5 59.3#



#50
1,4-Dioxane
Concen: 820.60 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion: 88 Resp: 95392
Ion Ratio Lower Upper
88 100
43 39.3 27.6 41.4
58 80.8 63.1 94.7





#51

Toluene-d8

Concen: 48.55 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

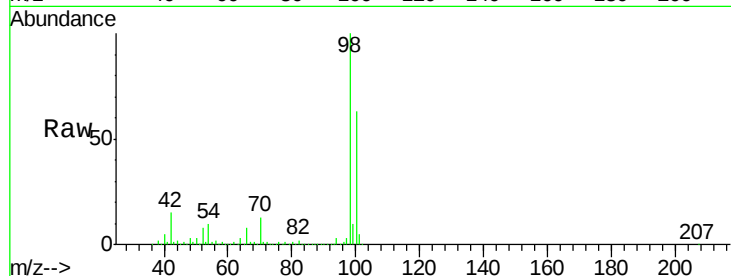
S39-0095MS

Tot Ion: 98 Resp: 1401272

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN027171.D (-2659) (-)

Ion 100.00 (99.70 to 100.70): VN027171.D (-2659) (-)

10.19

800000

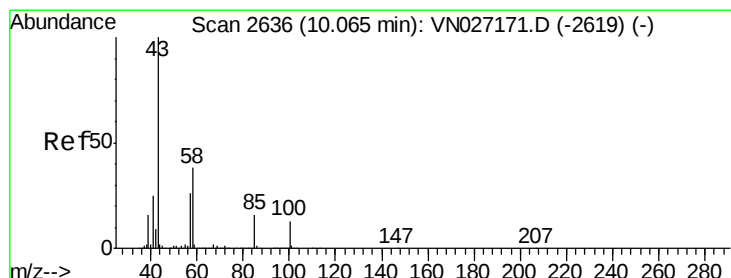
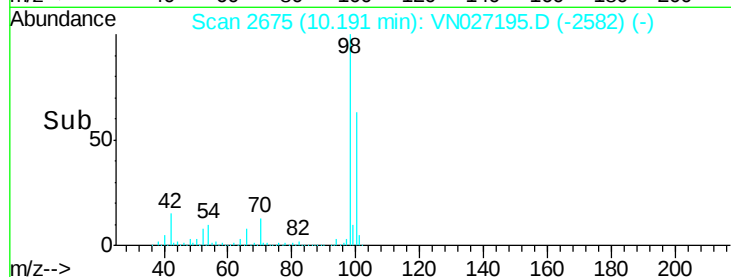
600000

400000

200000

0

Time-->



#52

4-Methyl-2-Pentanone

Concen: 214.90 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027195.D

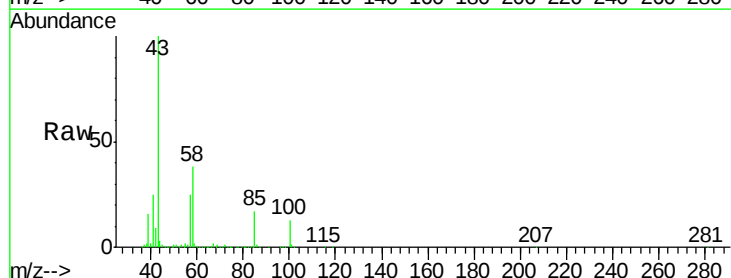
Acq: 16 Sep 2015 6:43

Tgt Ion: 43 Resp: 2260430

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN027171.D (-2619) (-)

Ion 58.00 (57.70 to 58.70): VN027171.D (-2619) (-)

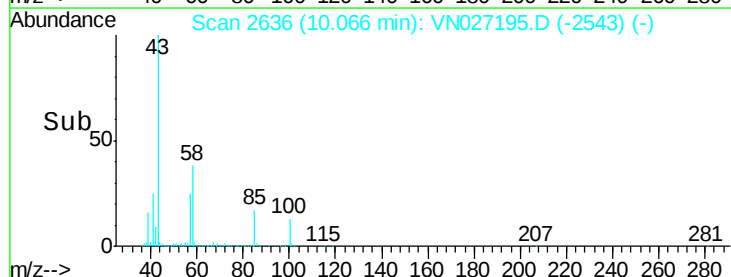
10.07

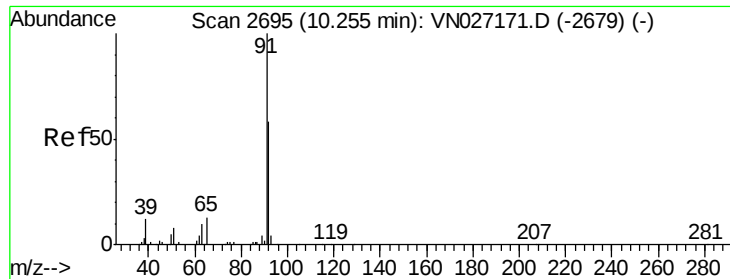
1000000

500000

0

Time-->





#53

Toluene

Concen: 45.07 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

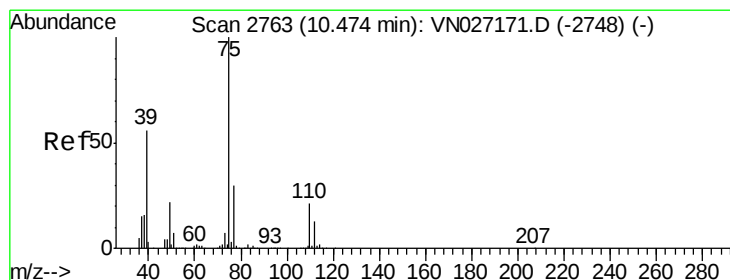
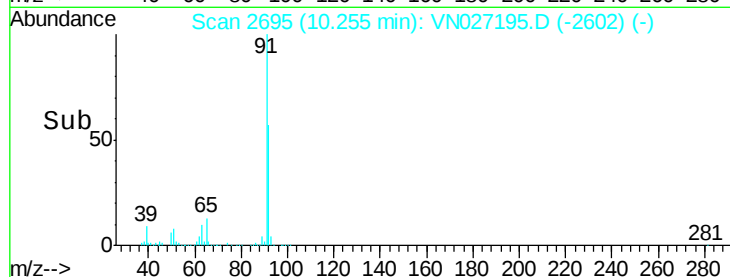
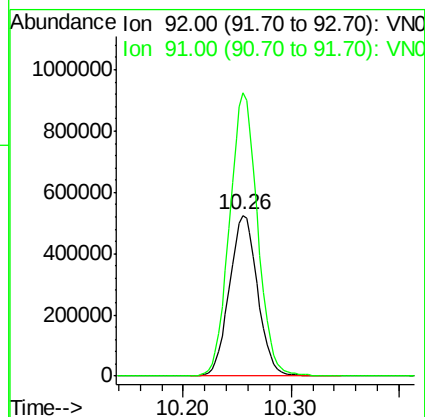
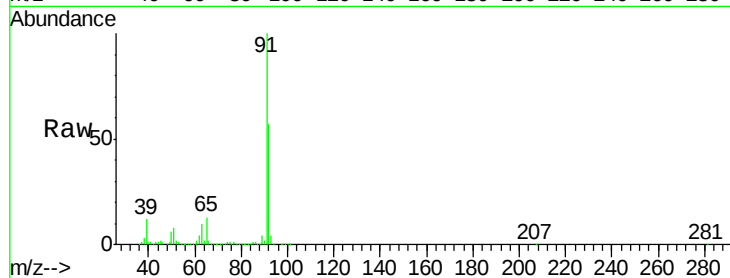
S39-0095MS

Tot Ion: 92 Resp: 958840

Ion Ratio Lower Upper

92 100

91 174.2 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 31.49 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027195.D

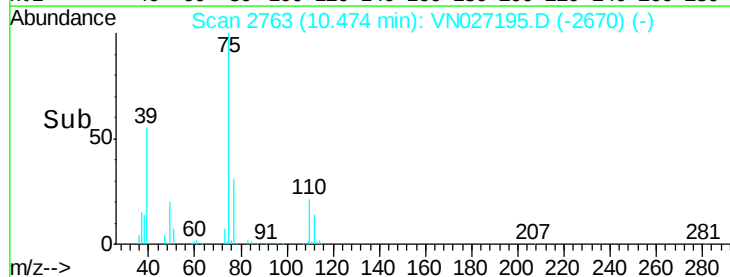
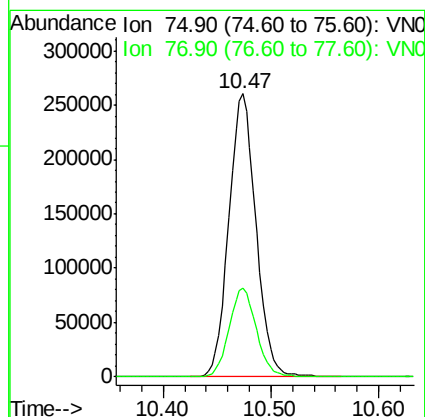
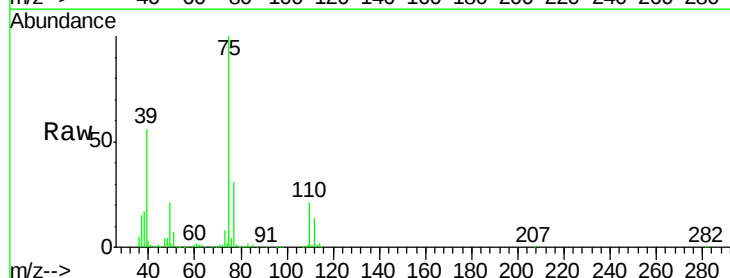
Acq: 16 Sep 2015 6:43

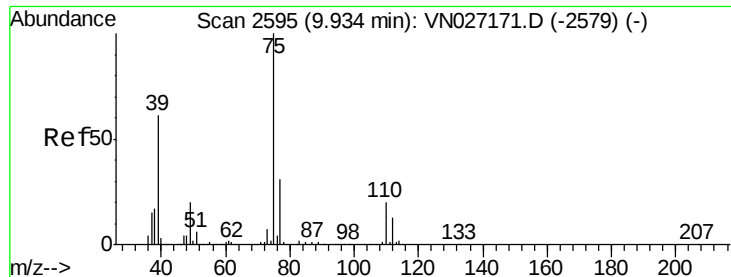
Tgt Ion: 75 Resp: 457238

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 31.81 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MS

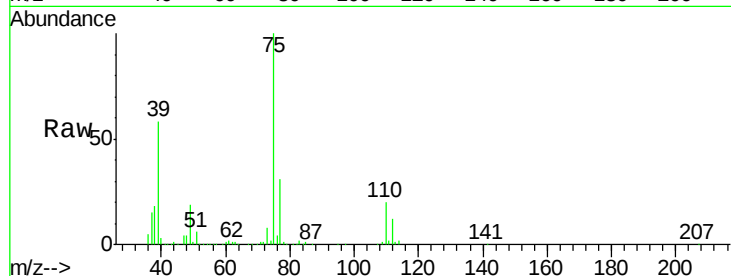
Tot Ion: 75 Resp: 502562

Ion Ratio Lower Upper

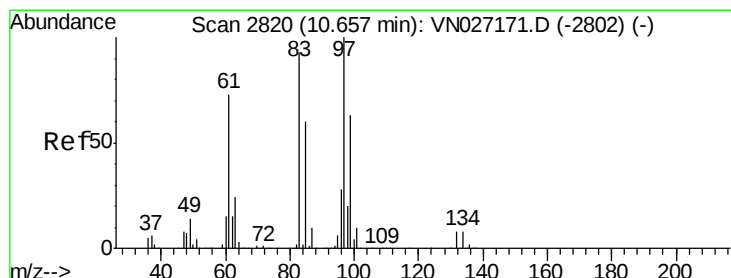
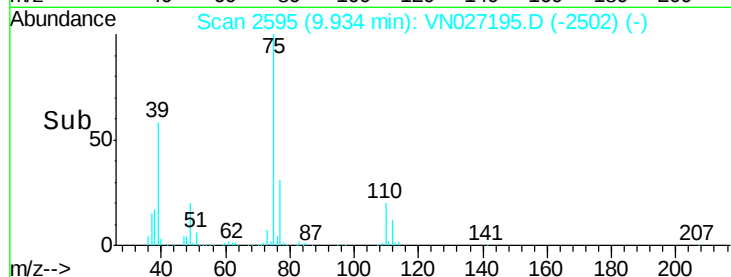
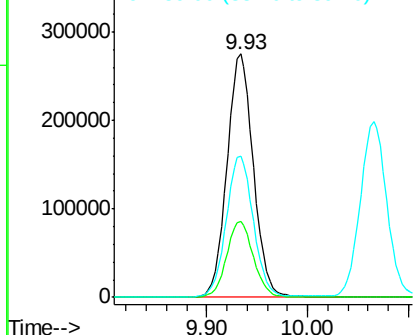
75 100

77 31.1 25.6 38.4

39 58.0 41.6 62.4



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



#56

1,1,2-Trichloroethane

Concen: 46.71 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Tgt Ion: 97 Resp: 373466

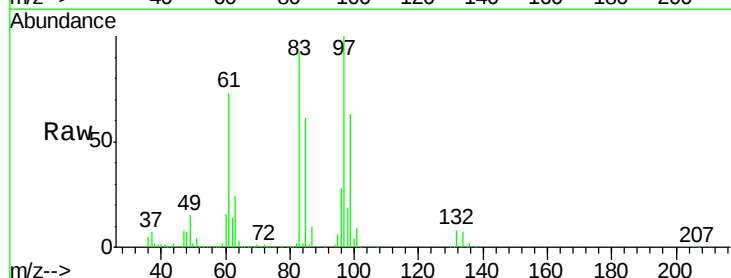
Ion Ratio Lower Upper

97 100

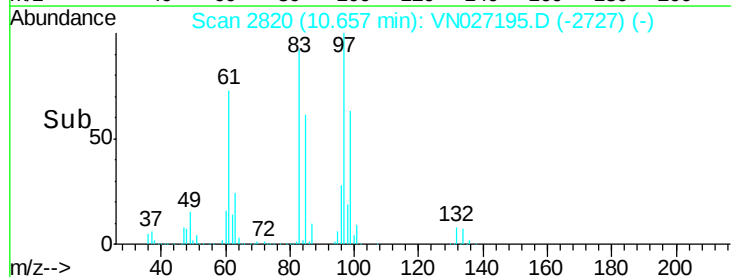
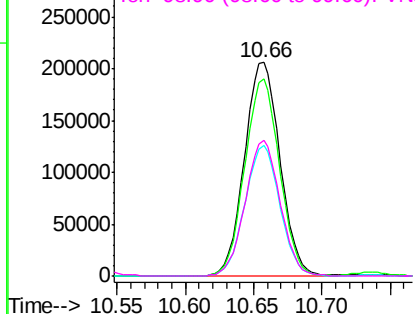
83 92.2 75.0 112.4

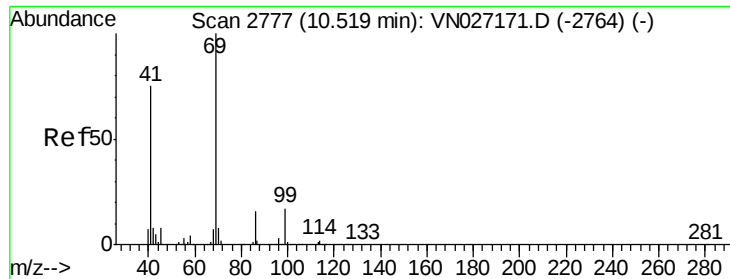
85 60.8 48.0 72.0

99 63.3 50.3 75.5



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 98.90 (98.60 to 99.60): VN0





#57

Ethyl methacrylate

Concen: 44.11 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

S39-0095MS

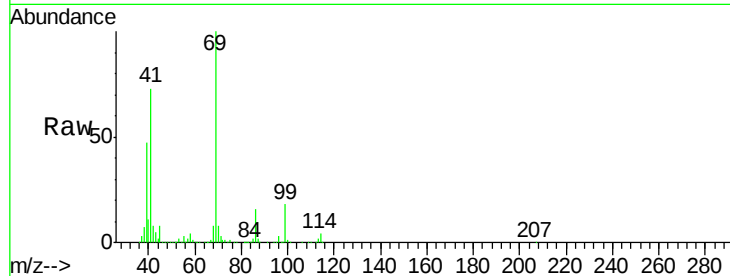
Tot Ion: 69 Resp: 594449

Ion Ratio Lower Upper

69 100

41 72.6 61.3 91.9

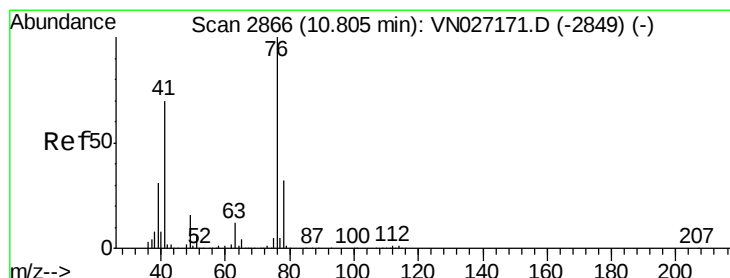
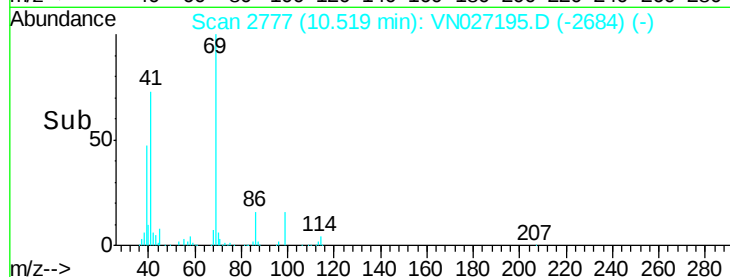
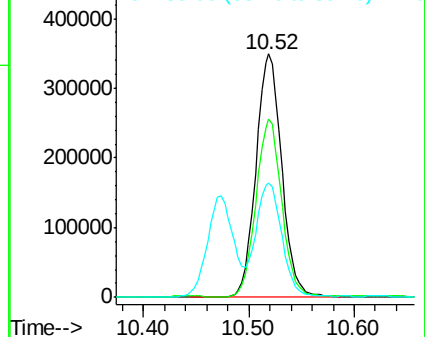
39 46.7 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

1,3-Dichloropropane

Concen: 45.52 ug/l

RT: 10.80 min Scan# 2865

Delta R.T. -0.00 min

Lab File: VN027195.D

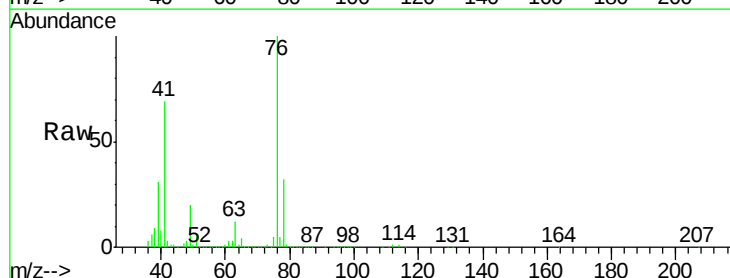
Acq: 16 Sep 2015 6:43

Tgt Ion: 76 Resp: 675719

Ion Ratio Lower Upper

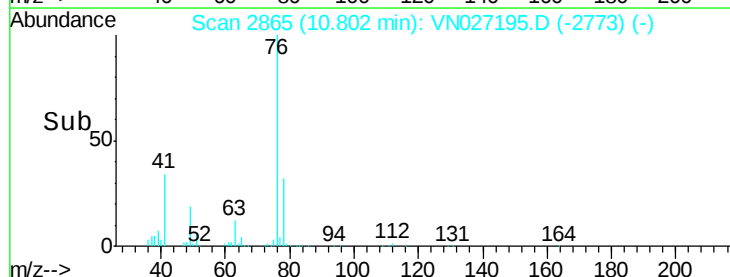
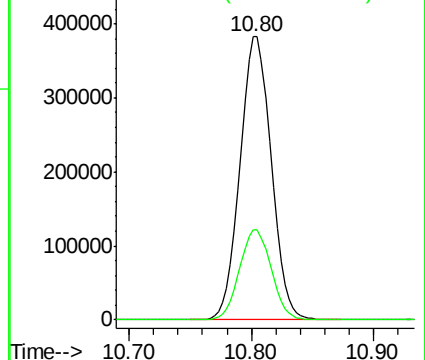
76 100

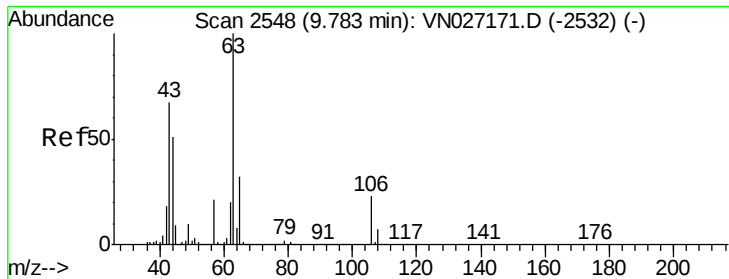
78 32.5 25.0 37.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

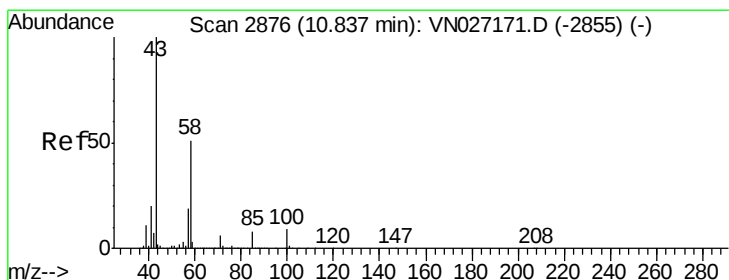
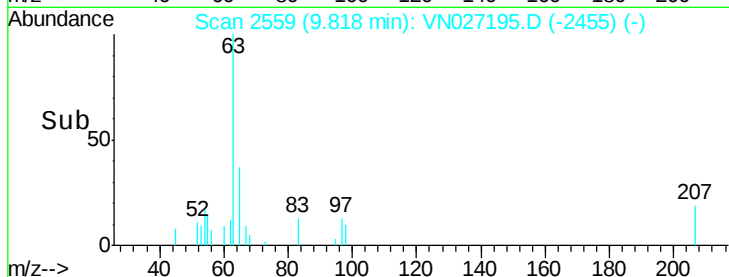
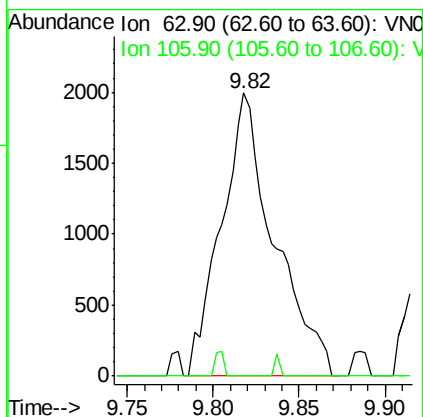
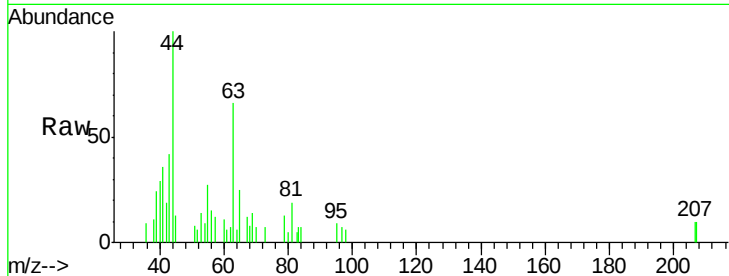




#59
 2-Chloroethyl Vinyl ether
 Concen: 0.69 ug/l
 RT: 9.82 min Scan# 2559
 Delta R.T. 0.04 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

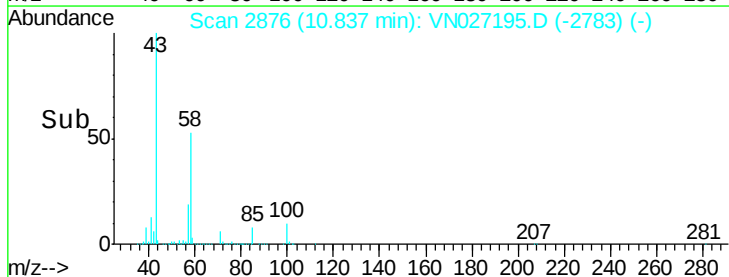
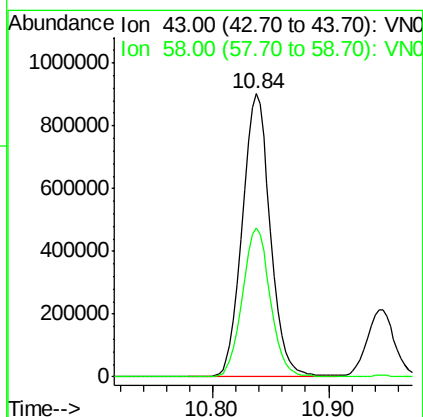
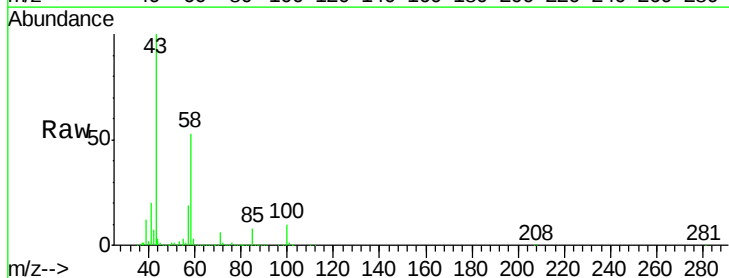
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MS

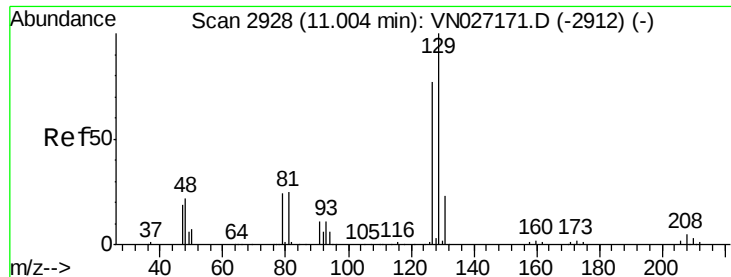
Tot Ion: 63 Resp: 4272
 Ion Ratio Lower Upper
 63 100
 106 1.5 17.7 26.5#



#60
 2-Hexanone
 Concen: 210.78 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

Tgt Ion: 43 Resp: 1509438
 Ion Ratio Lower Upper
 43 100
 58 52.6 26.2 78.5

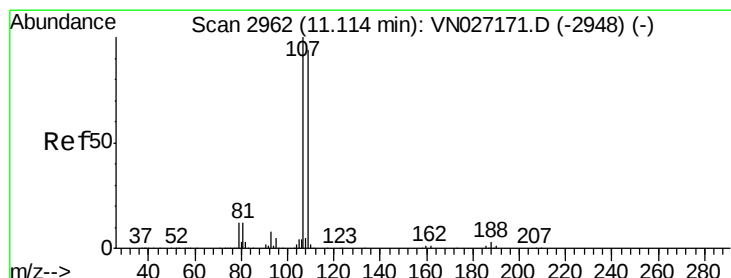
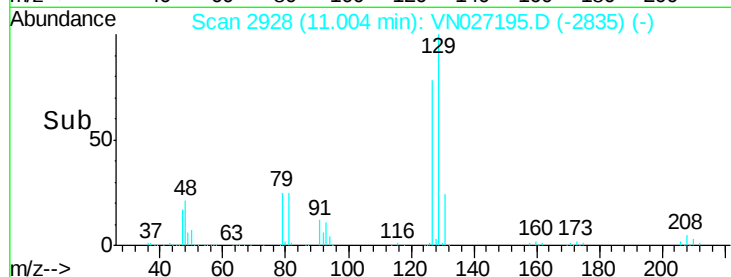
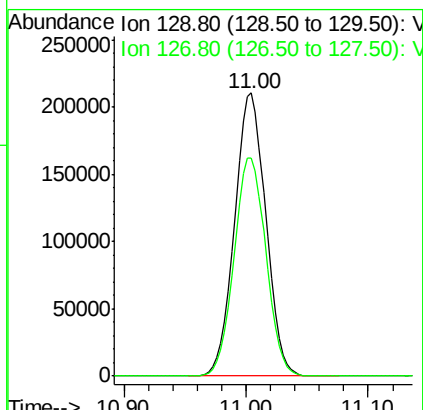
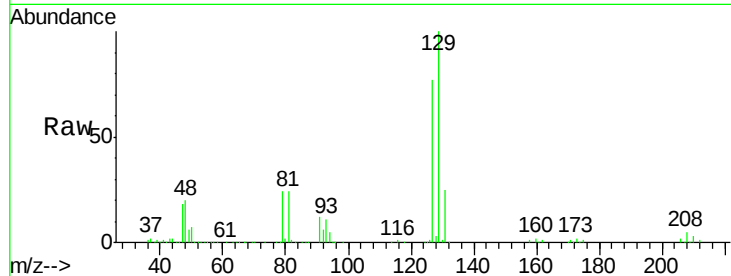




#61
Dibromochloromethane
Concen: 45.70 ug/l
RT: 11.00 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

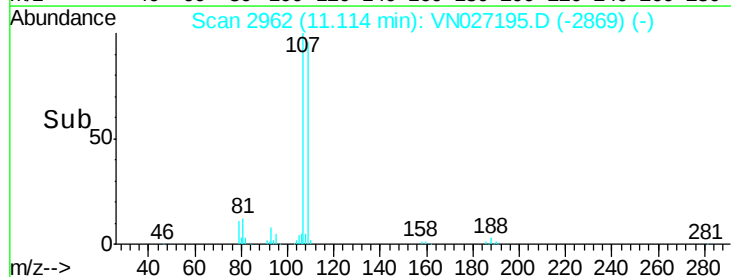
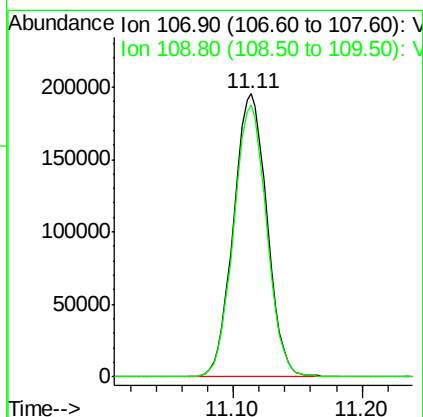
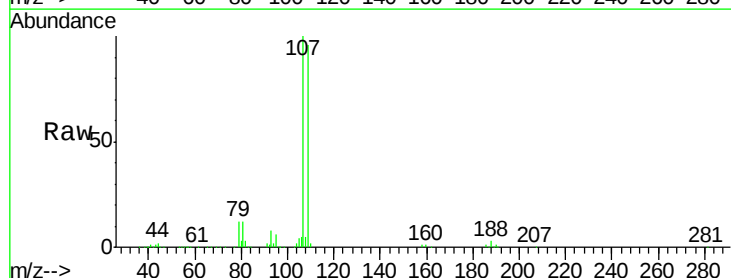
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MS

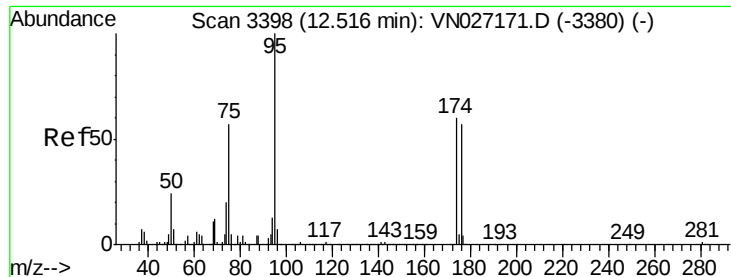
Tot Ion:129 Resp: 373192
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2



#62
1,2-Dibromoethane
Concen: 44.78 ug/l
RT: 11.11 min Scan# 2962
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion:107 Resp: 351838
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4

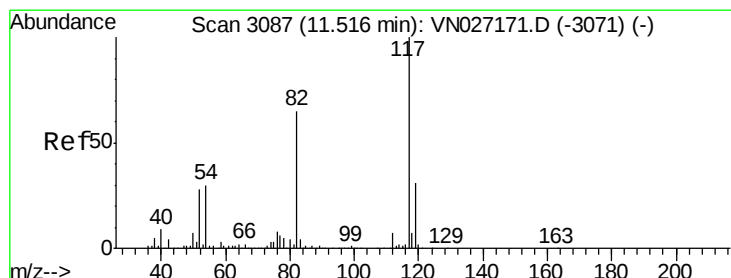
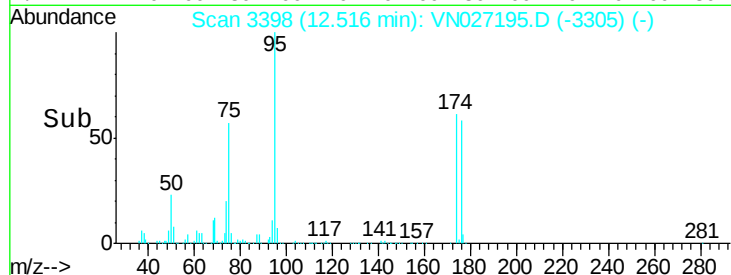
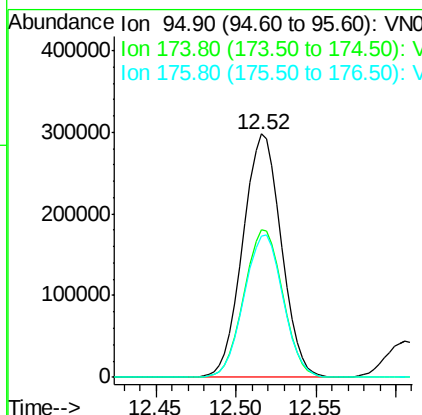
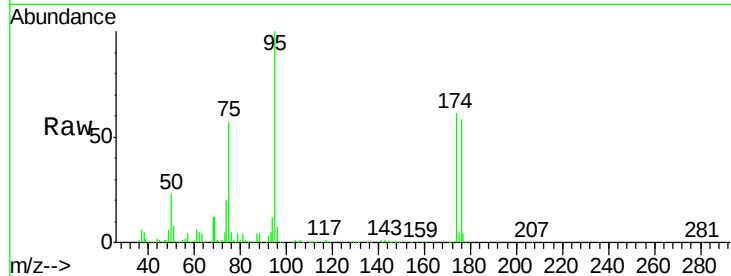




#63
4-Bromofluorobenzene
Concen: 47.67 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

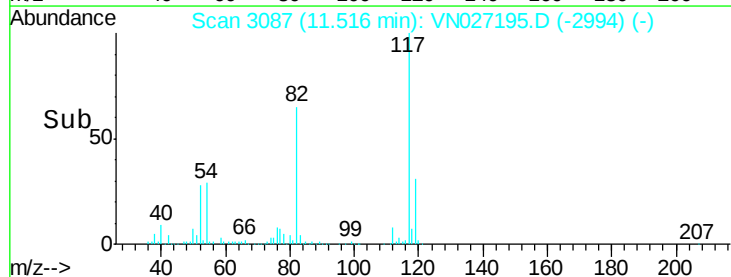
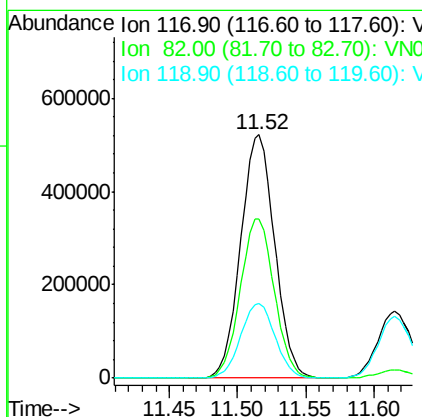
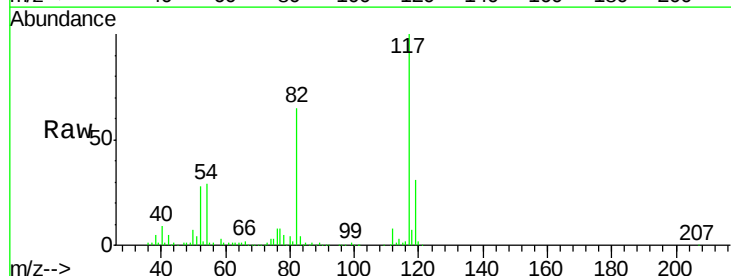
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MS

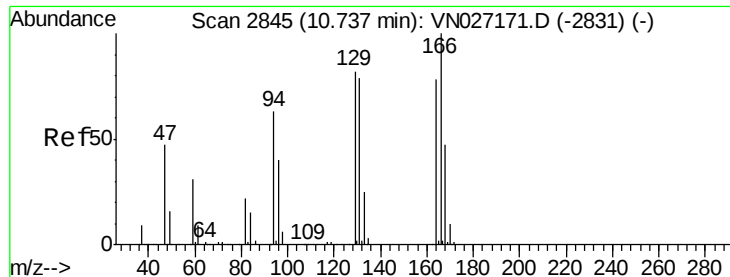
Tot Ion	Ratio	Lower	Upper
95	100		
174	61.3	0.0	137.0
176	59.6	0.0	130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.4	49.6	74.4
119	30.7	24.6	36.8





#65

Tetrachloroethene

Concen: 42.25 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MS

Tot Ion:164 Resp: 244040

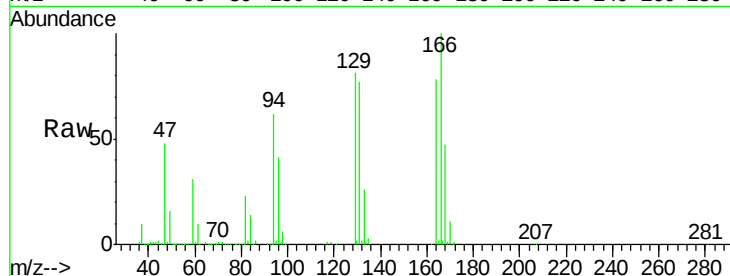
Ion Ratio Lower Upper

164 100

166 127.8 103.4 155.0

129 103.1 77.5 116.3

131 99.1 74.2 111.4

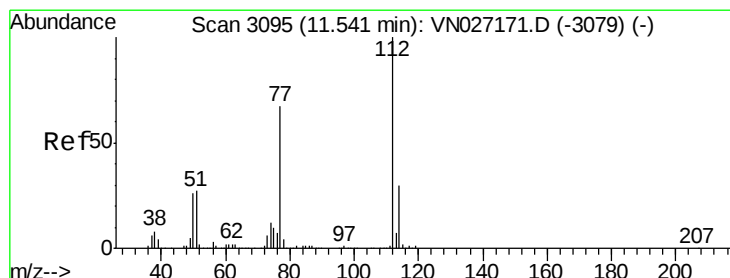
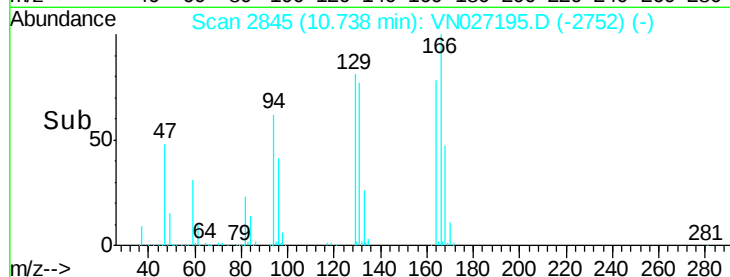
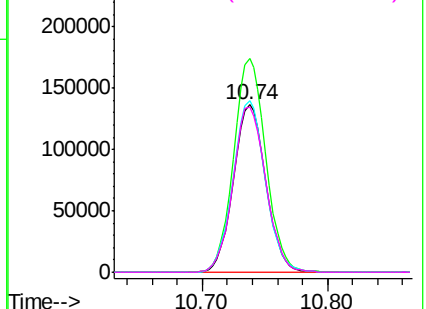


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#66

Chlorobenzene

Concen: 44.51 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027195.D

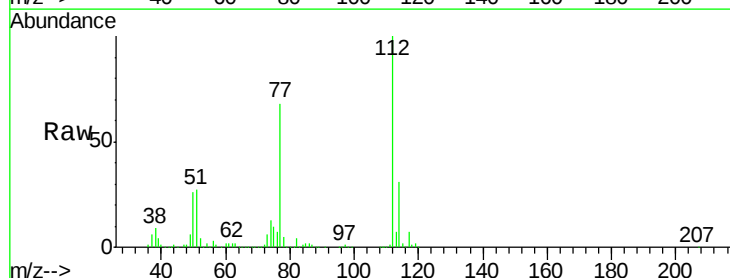
Acq: 16 Sep 2015 6:43

Tgt Ion:112 Resp: 949276

Ion Ratio Lower Upper

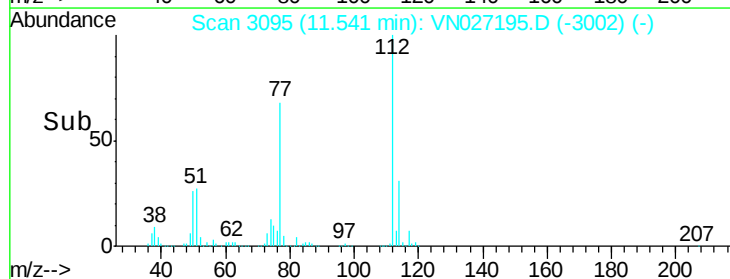
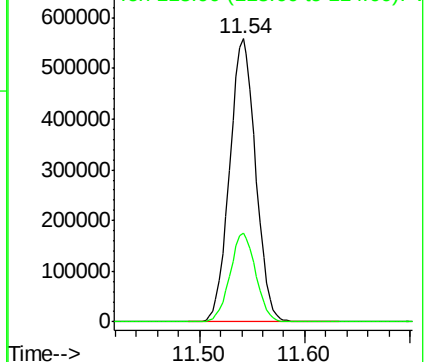
112 100

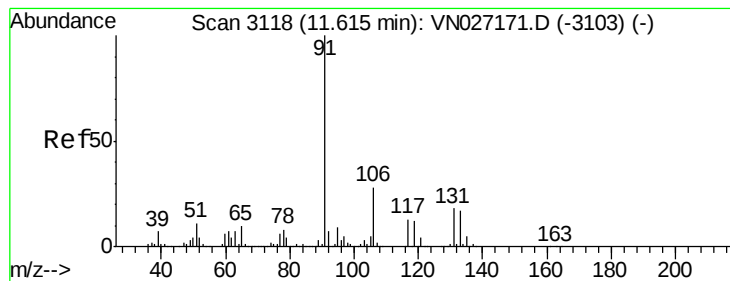
114 31.4 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

1,1,1,2-Tetrachloroethane

Concen: 46.11 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MS

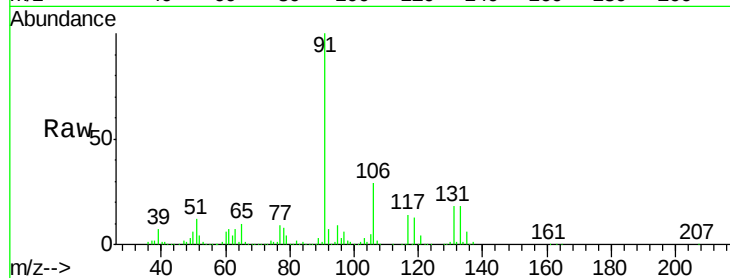
Tot Ion:131 Resp: 335403

Ion Ratio Lower Upper

131 100

133 95.7 47.0 141.2

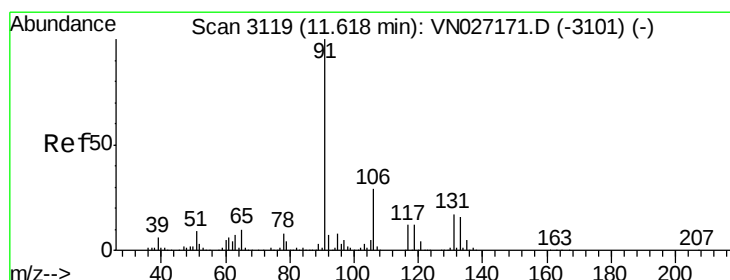
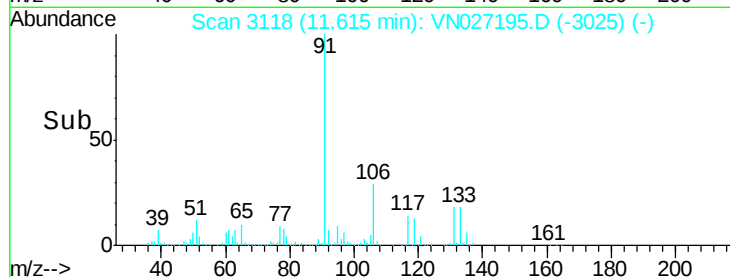
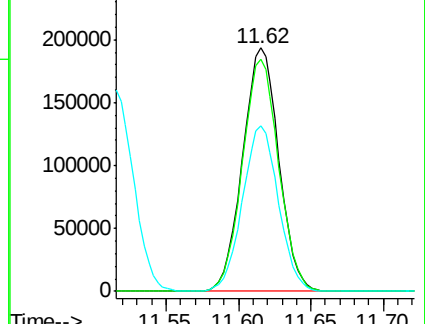
119 67.3 35.1 105.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

Ethyl Benzene

Concen: 44.43 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027195.D

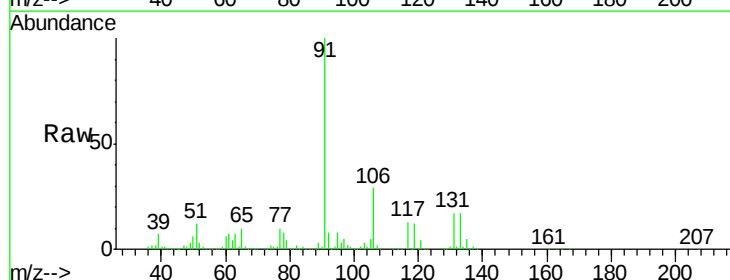
Acq: 16 Sep 2015 6:43

Tgt Ion: 91 Resp: 1796907

Ion Ratio Lower Upper

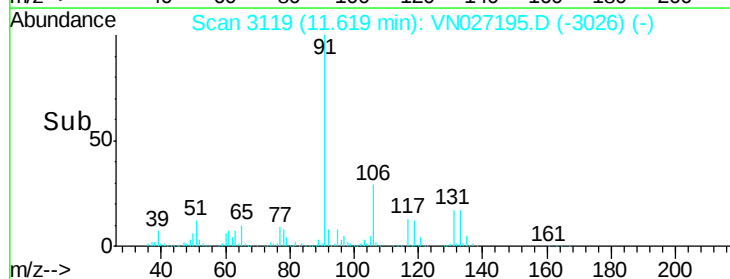
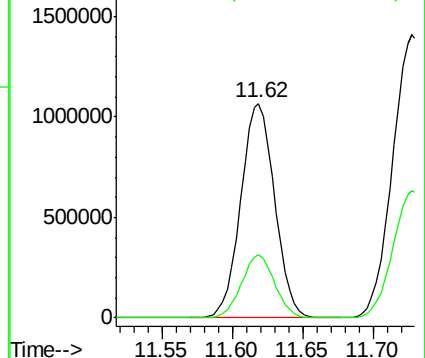
91 100

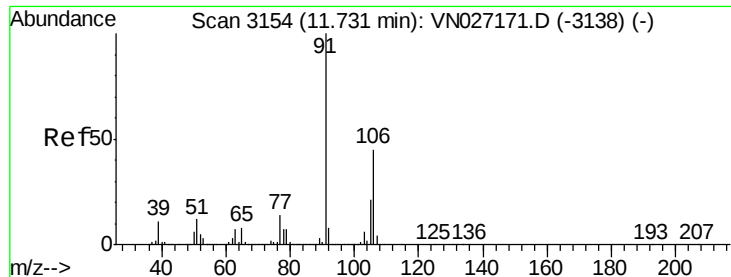
106 29.5 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

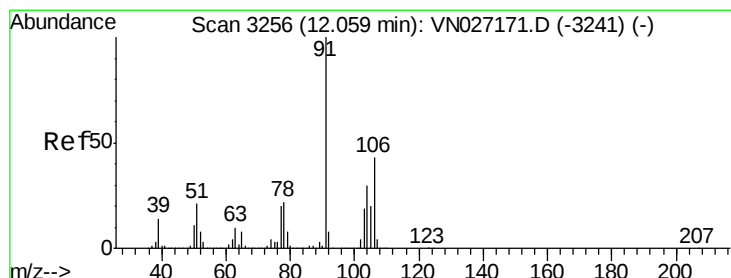
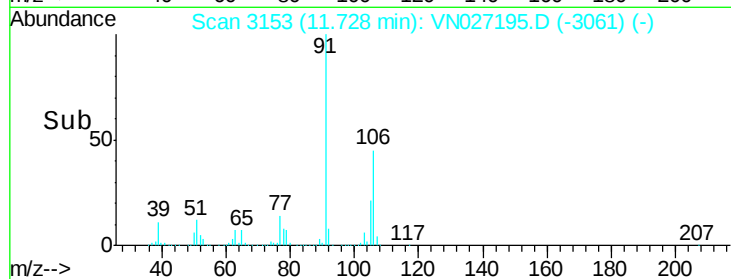
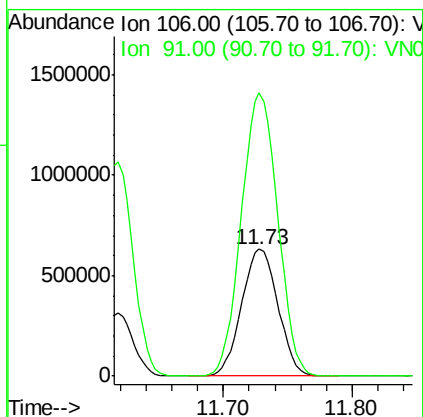
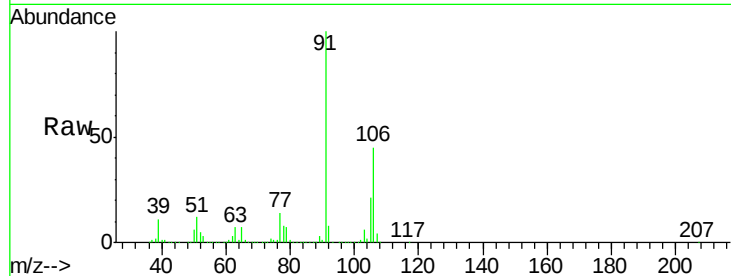




#69
m/p-Xylenes
Concen: 88.72 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

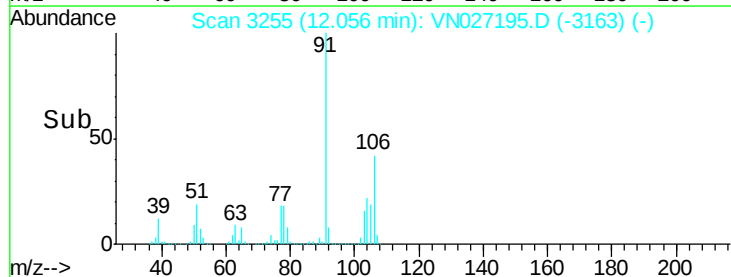
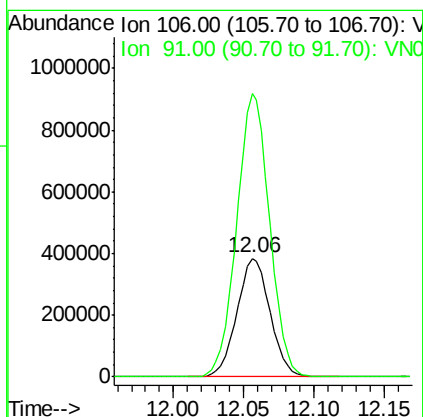
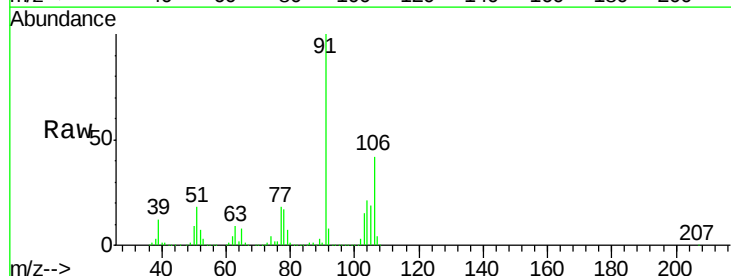
Instrument :
MSVOA_N
ClientSampled :
S39-0095MS

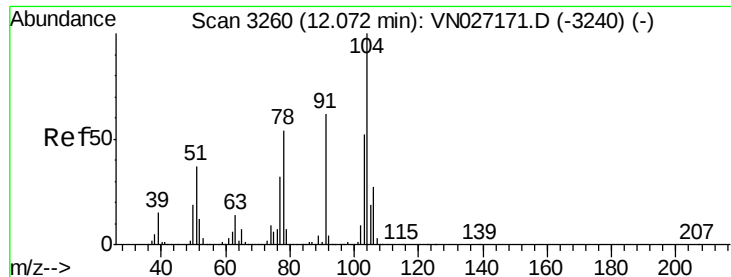
Tot Ion:106 Resp: 1237935
Ion Ratio Lower Upper
106 100
91 223.8 167.1 250.7



#70
o-Xylene
Concen: 45.11 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion:106 Resp: 630964
Ion Ratio Lower Upper
106 100
91 236.9 110.7 331.9





#71

Stvrene

Concen: 43.10 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MS

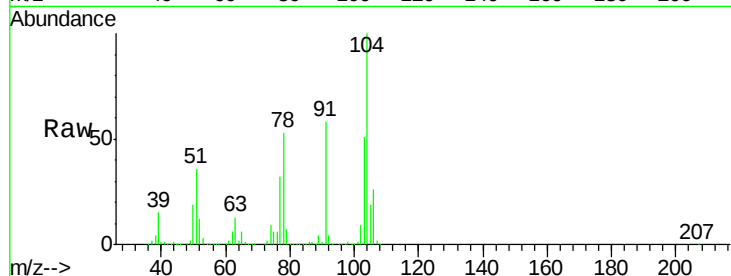
Tot Ion:104 Resp: 973111

Ion Ratio Lower Upper

104 100

78 58.7 41.6 62.4

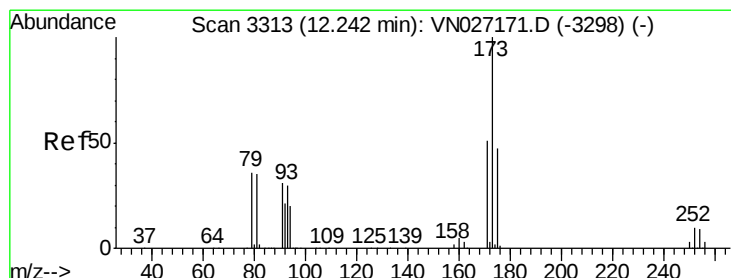
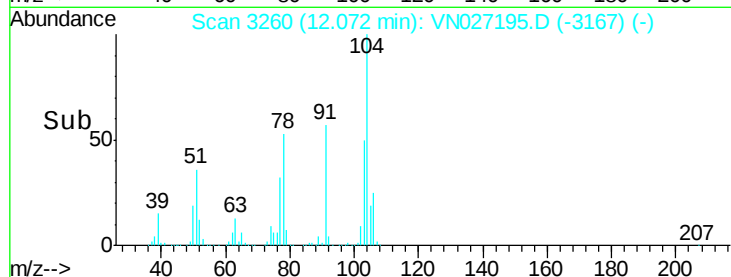
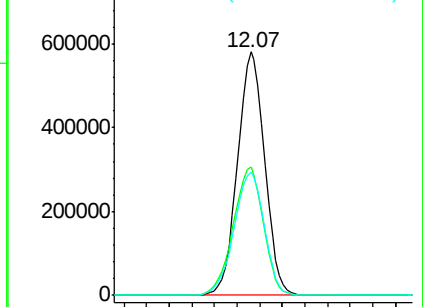
103 56.3 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

Bromoform

Concen: 44.81 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

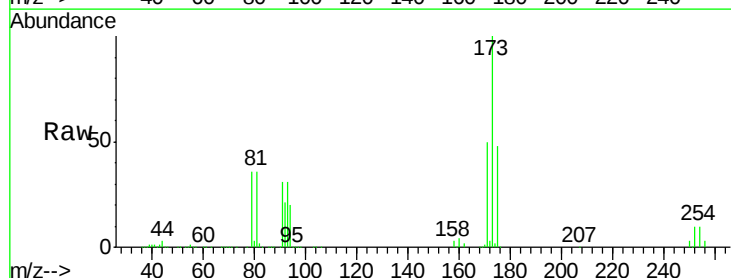
Tgt Ion:173 Resp: 226669

Ion Ratio Lower Upper

173 100

175 49.2 24.4 73.4

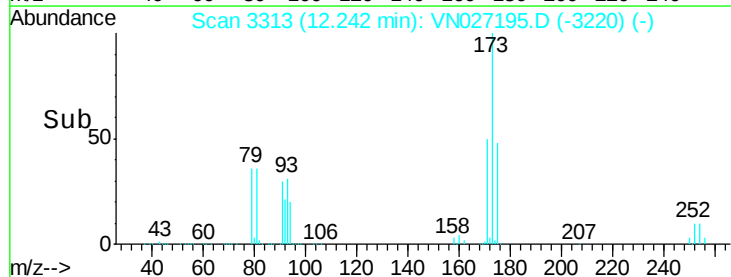
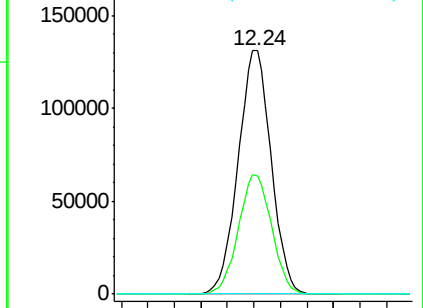
254 0.0 0.1 0.1#

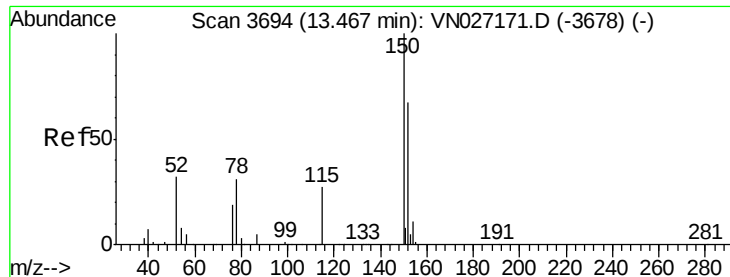


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MS

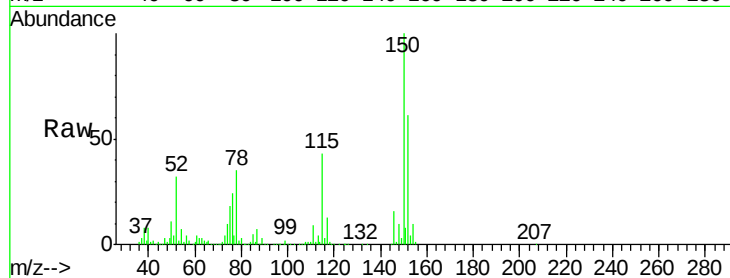
Tot Ion:152 Resp: 334999

Ion Ratio Lower Upper

152 100

115 68.1 30.8 92.3

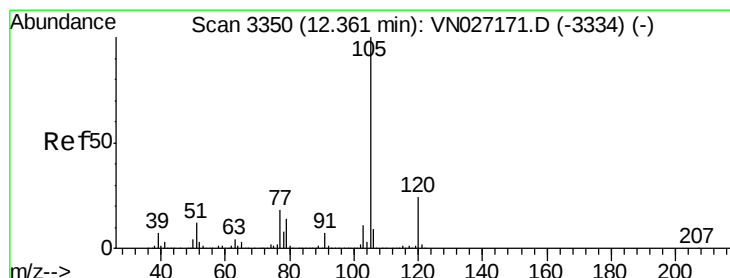
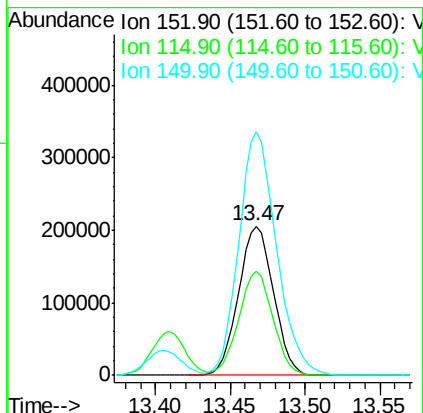
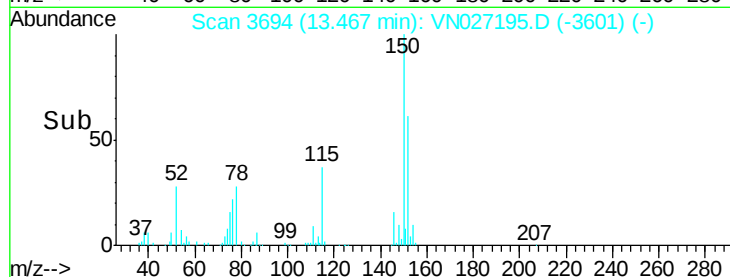
150 175.4 0.0 345.0



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

Isopropylbenzene

Concen: 44.85 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027195.D

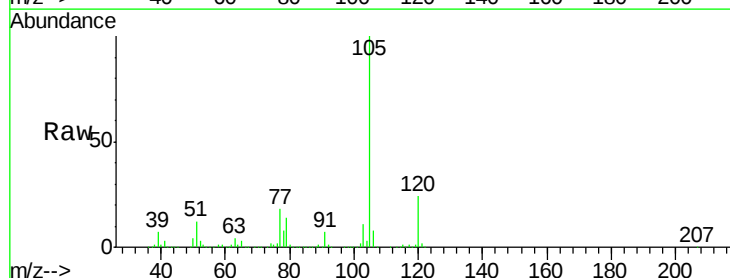
Acq: 16 Sep 2015 6:43

Tgt Ion:105 Resp: 1655558

Ion Ratio Lower Upper

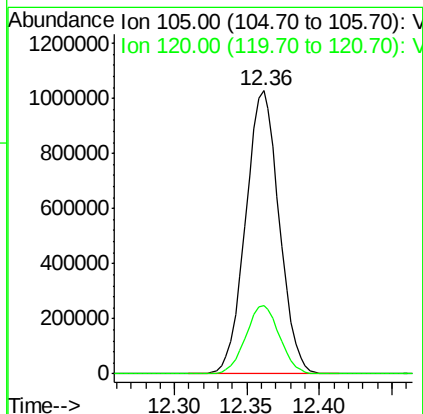
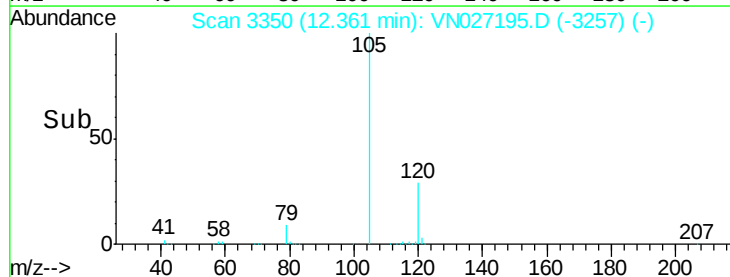
105 100

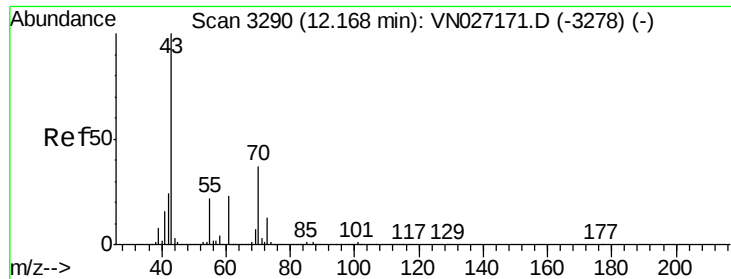
120 24.4 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

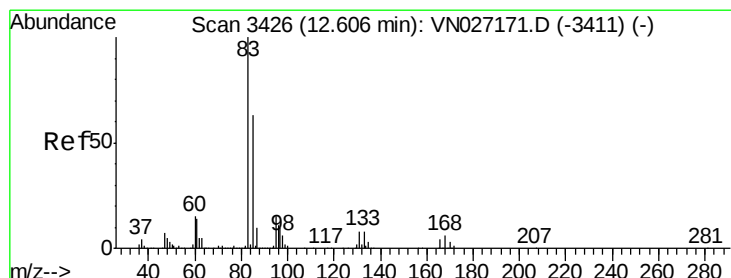
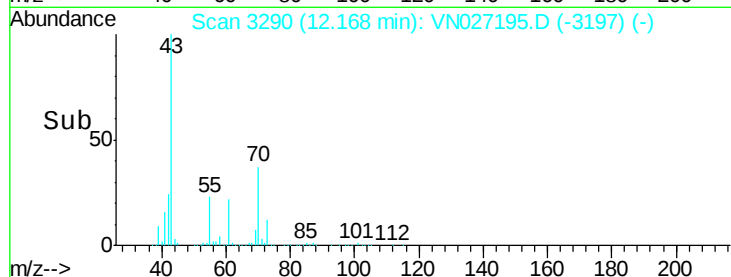
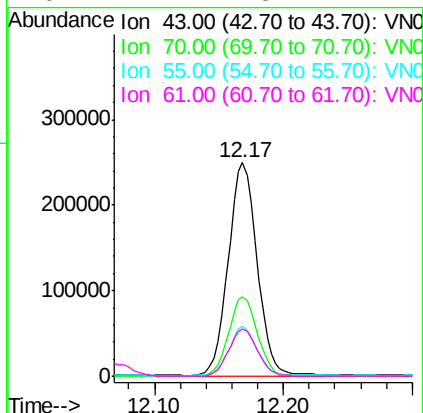
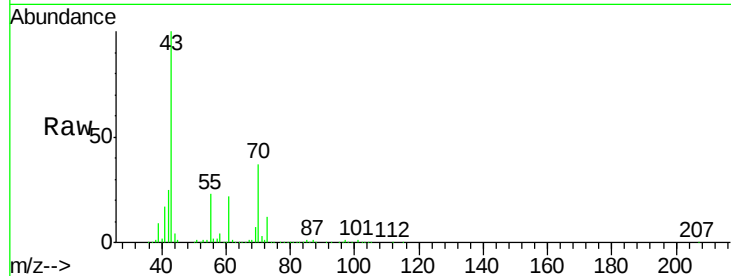




#75
N-amyl acetate
Concen: 23.46 ug/l
RT: 12.17 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

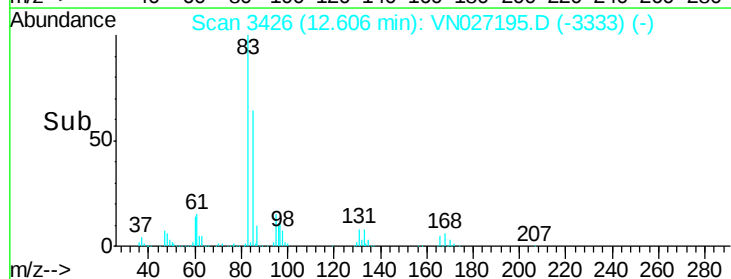
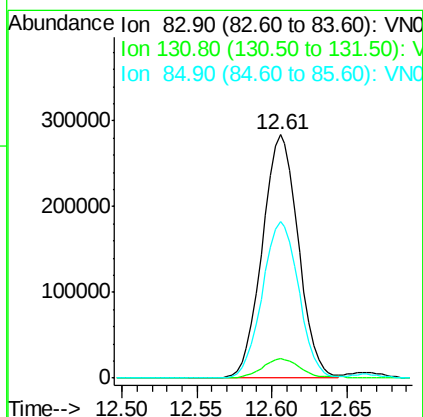
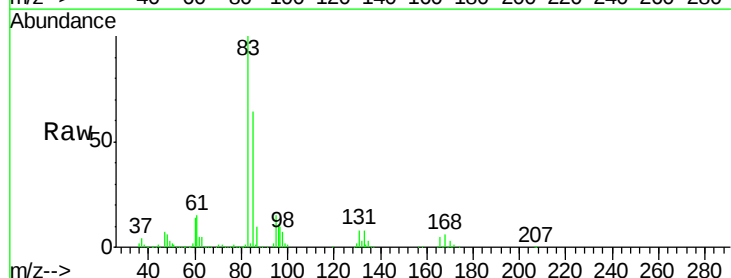
Instrument :
MSVOA_N
ClientSampled :
S39-0095MS

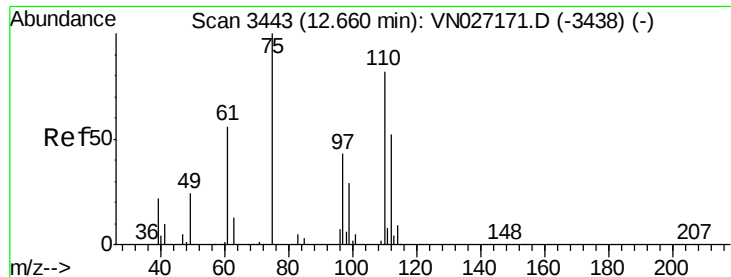
Tot Ion:	43	Resp:	386464
Ion	Ratio	Lower	Upper
43	100		
70	37.3	29.8	44.8
55	22.3	19.4	29.0
61	22.4	18.2	27.2



#76
1,1,2,2-Tetrachloroethane
Concen: 49.95 ug/l
RT: 12.61 min Scan# 3426
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion:	83	Resp:	476050
Ion	Ratio	Lower	Upper
83	100		
131	8.5	4.1	12.3
85	64.8	31.9	95.7





#77

1,2,3-Trichloropropane

Concen: 56.46 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

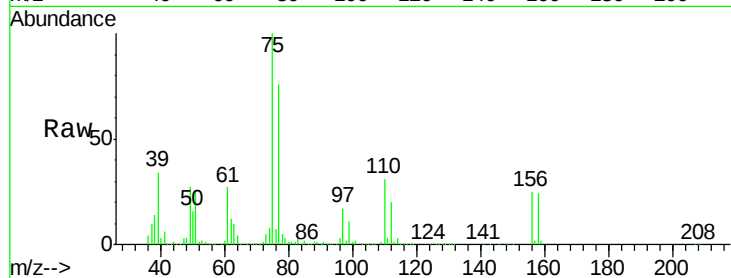
S39-0095MS

Tot Ion: 75 Resp: 571634

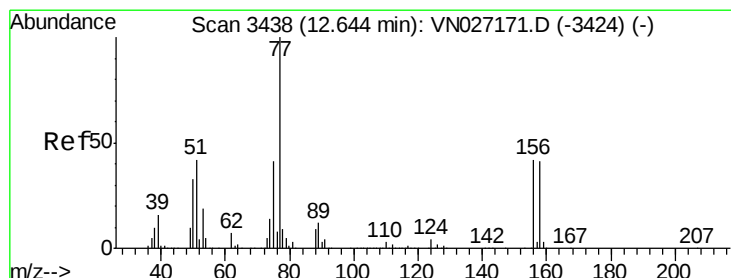
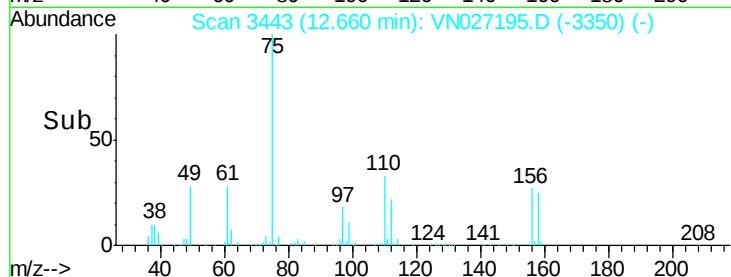
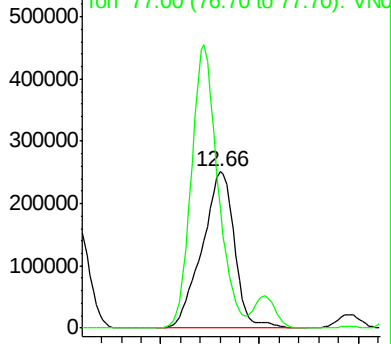
Ion Ratio Lower Upper

75 100

77 149.9 103.1 309.3



Abundance Ion 74.90 (74.60 to 75.60): VN027195.D (-3350) (-)



#78

Bromobenzene

Concen: 46.25 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

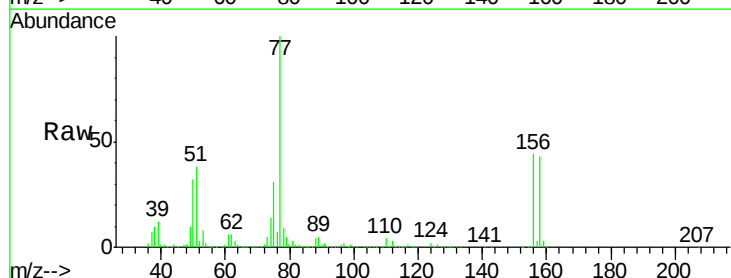
Tgt Ion: 156 Resp: 334808

Ion Ratio Lower Upper

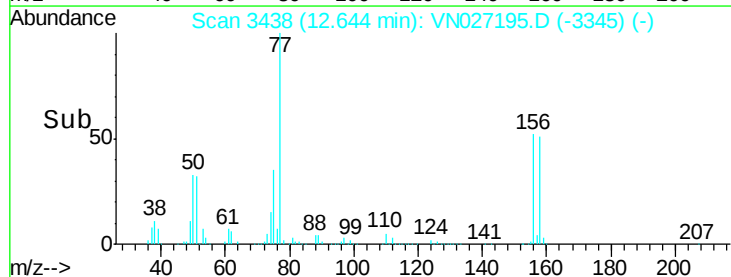
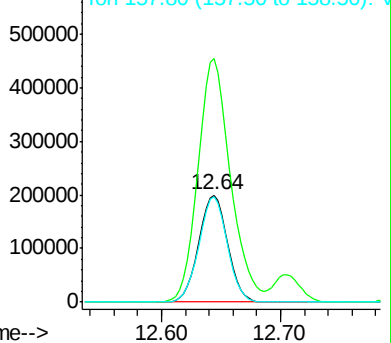
156 100

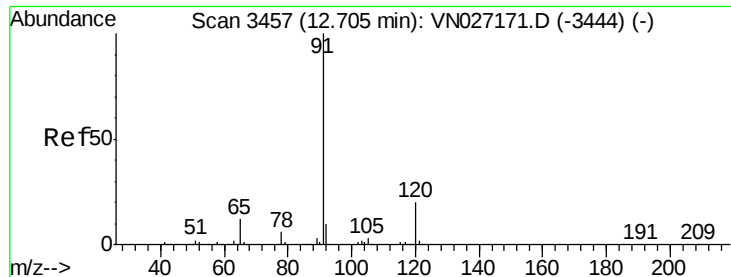
77 256.0 127.3 381.9

158 96.9 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): VN027195.D (-3345) (-)





#79

n-propylbenzene

Concen: 43.94 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

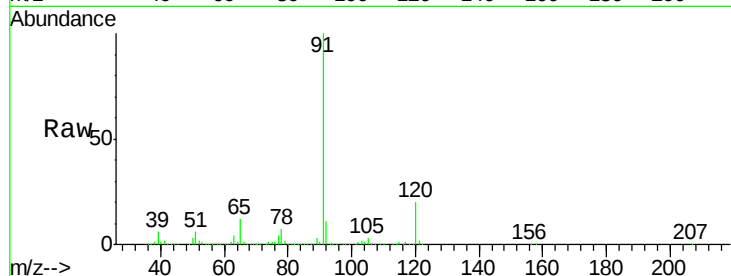
S39-0095MS

Tot Ion: 91 Resp: 1908430

Ion Ratio Lower Upper

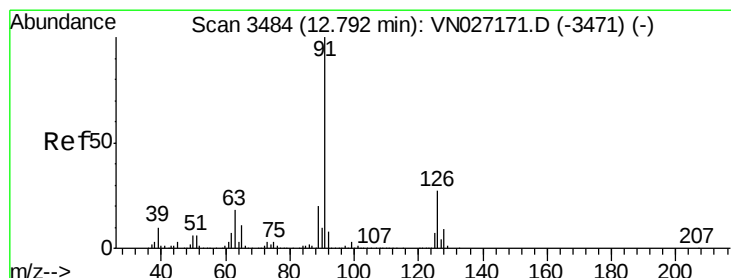
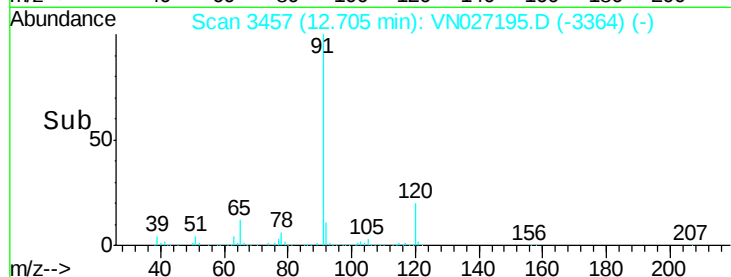
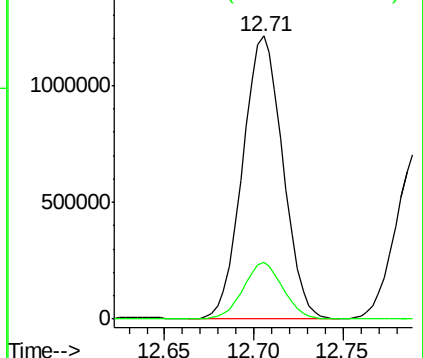
91 100

120 19.7 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

2-Chlorotoluene

Concen: 45.26 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027195.D

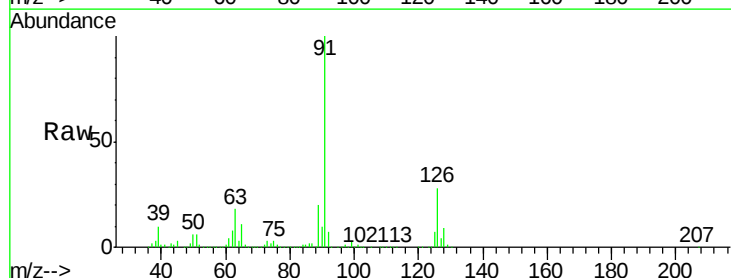
Acq: 16 Sep 2015 6:43

Tgt Ion: 91 Resp: 1180326

Ion Ratio Lower Upper

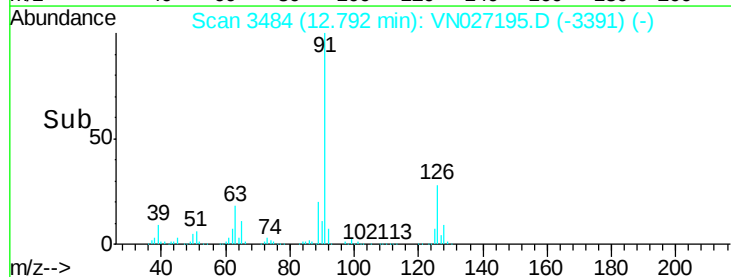
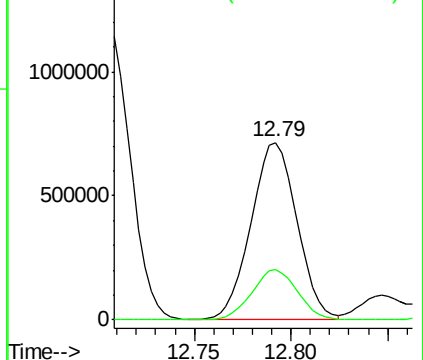
91 100

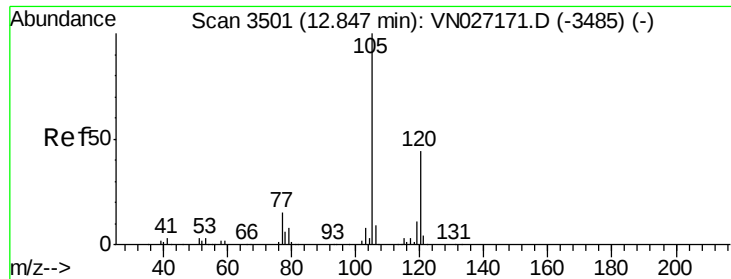
126 28.4 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

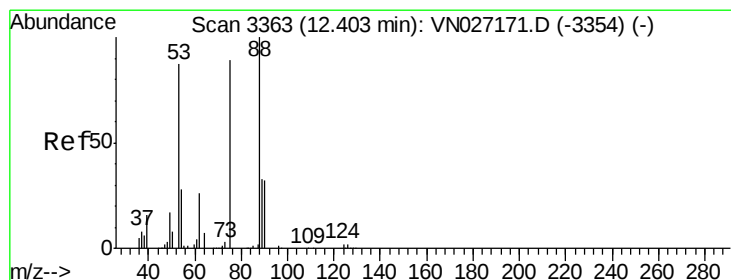
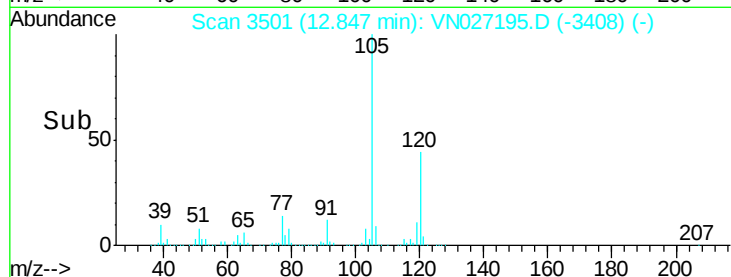
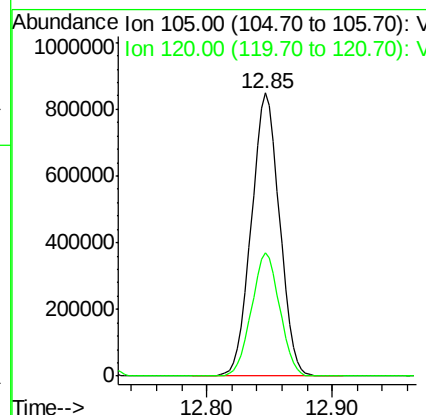
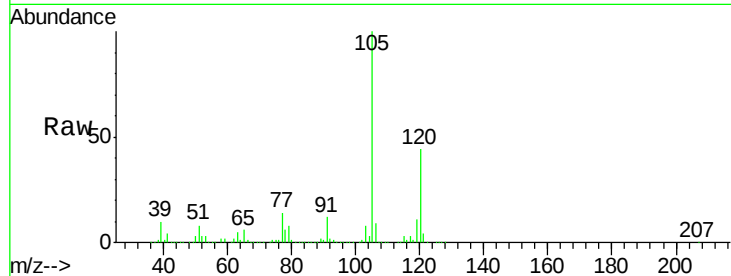




#81
 1,3,5-Trimethylbenzene
 Concen: 44.66 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

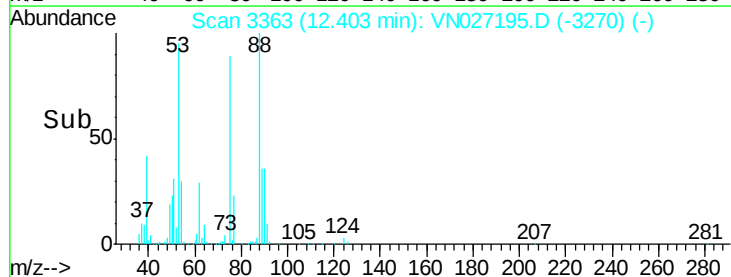
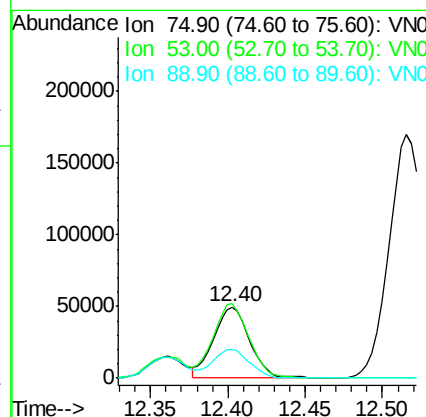
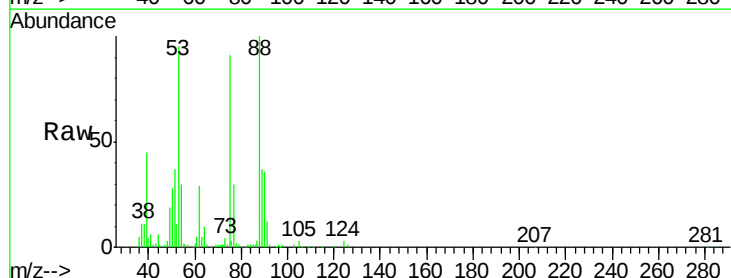
Instrument :
 MSVOA_N
 ClientSampled :
 S39-0095MS

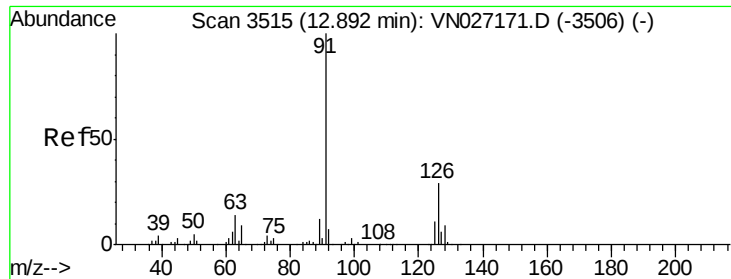
Tot Ion:105 Resp: 1324404
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 19.38 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

Tgt Ion: 75 Resp: 79895
 Ion Ratio Lower Upper
 75 100
 53 102.5 92.9 139.3
 89 41.7 34.2 51.4

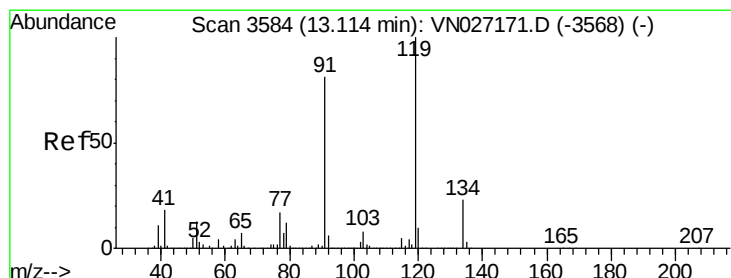
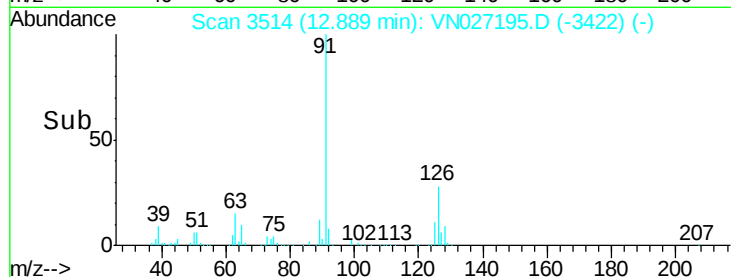
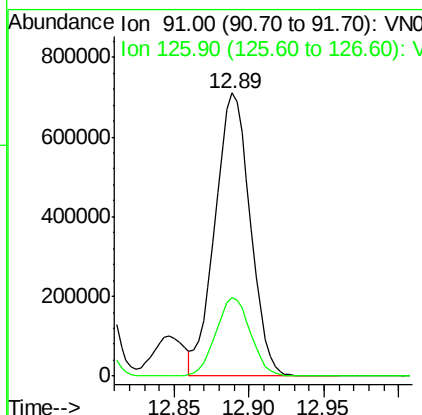
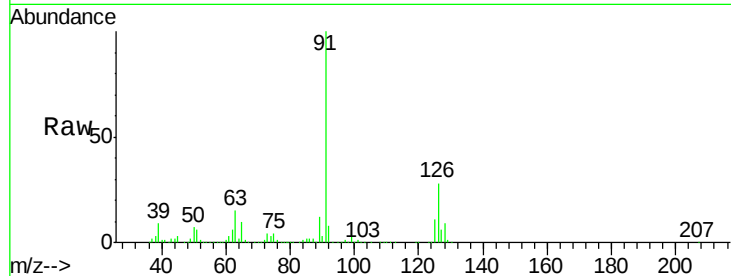




#83
4-Chlorotoluene
Concen: 45.30 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

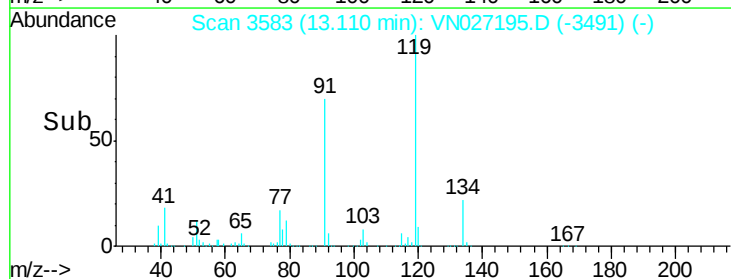
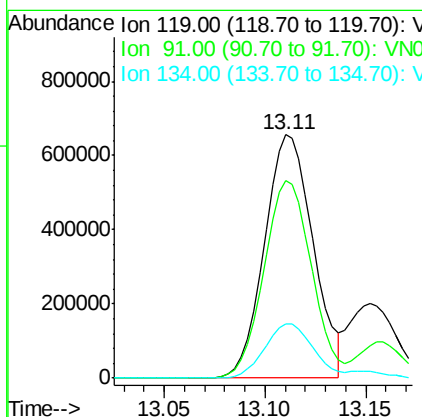
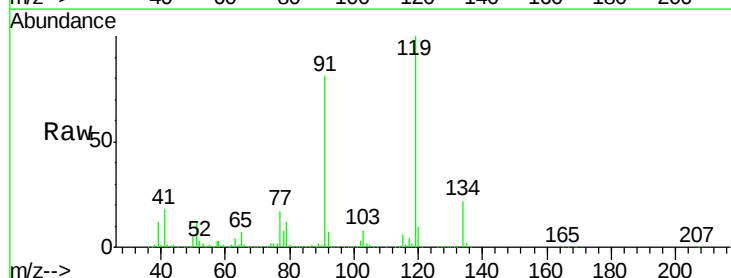
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MS

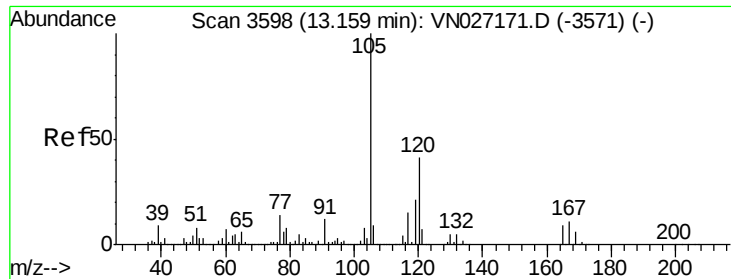
Tot Ion: 91 Resp: 1160769
Ion Ratio Lower Upper
91 100
126 27.3 14.9 44.5



#84
tert-Butylbenzene
Concen: 44.86 ug/l
RT: 13.11 min Scan# 3583
Delta R.T. -0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion: 119 Resp: 1097648
Ion Ratio Lower Upper
119 100
91 79.5 34.6 103.8
134 22.2 11.4 34.2





#85

1,2,4-Trimethylbenzene

Concen: 44.20 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

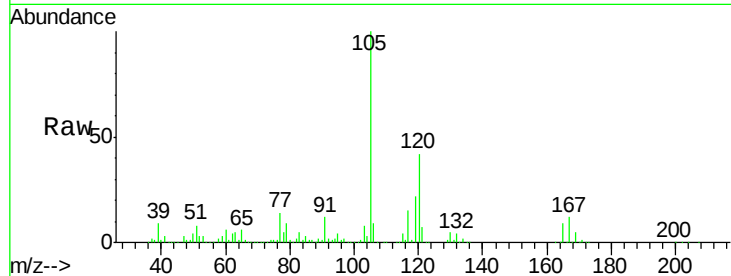
S39-0095MS

Tot Ion:105 Resp: 1316732

Ion Ratio Lower Upper

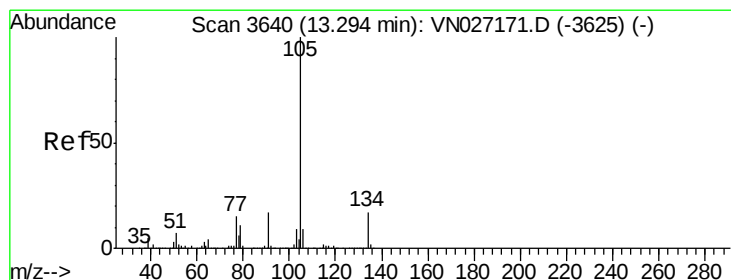
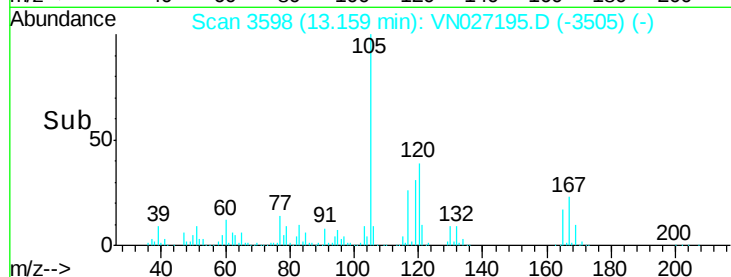
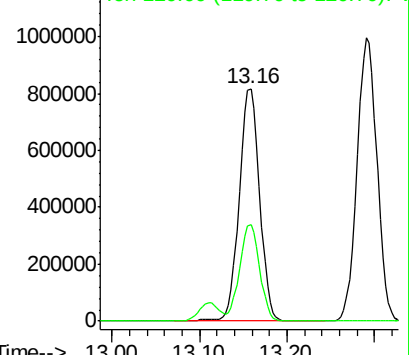
105 100

120 41.0 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

sec-Butylbenzene

Concen: 43.80 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN027195.D

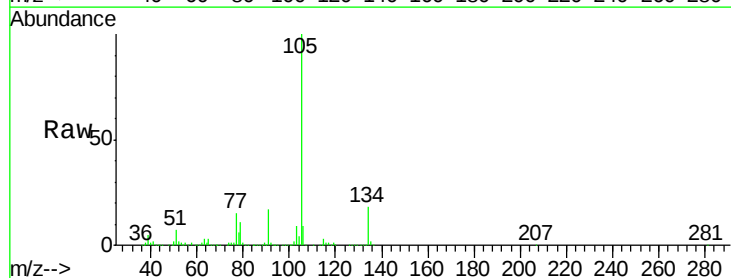
Acq: 16 Sep 2015 6:43

Tgt Ion:105 Resp: 1569937

Ion Ratio Lower Upper

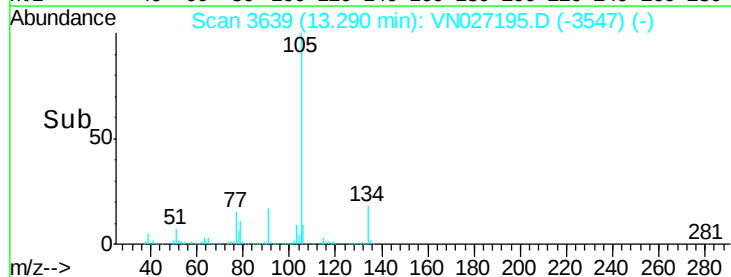
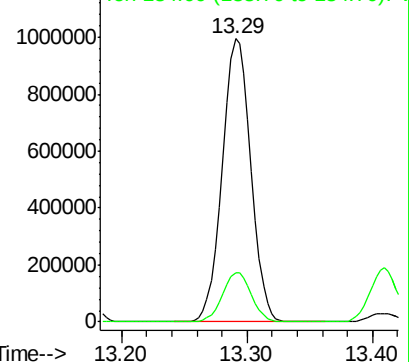
105 100

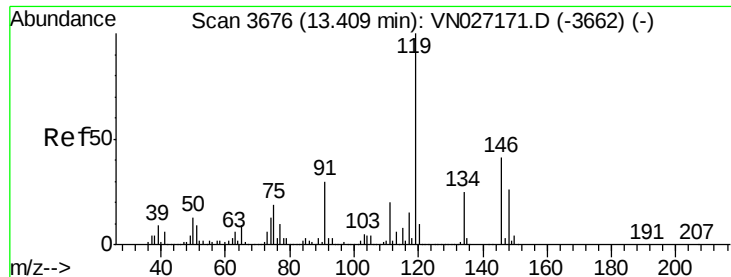
134 17.5 8.8 26.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

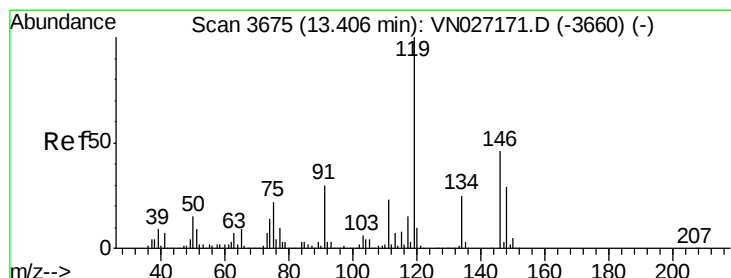
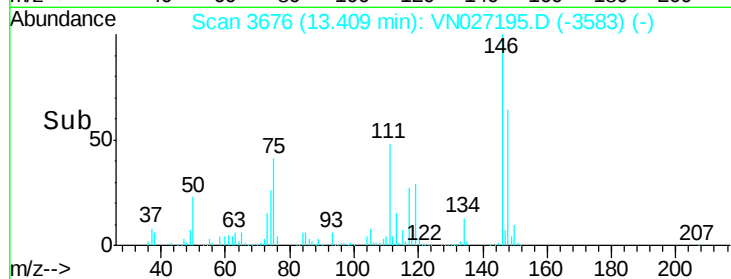
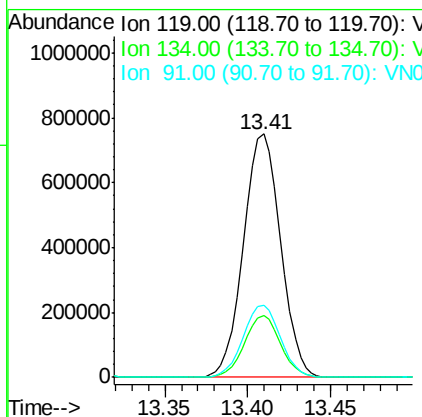
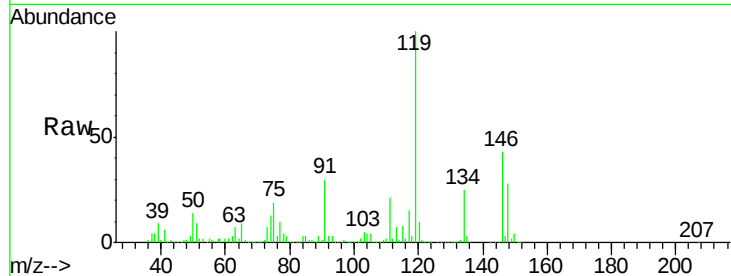




#87
p-Isopropyltoluene
Concen: 42.33 ug/l
RT: 13.41 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

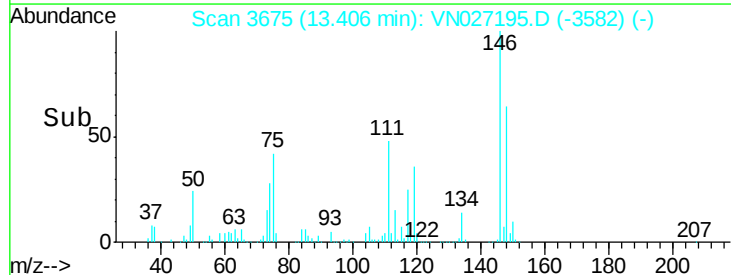
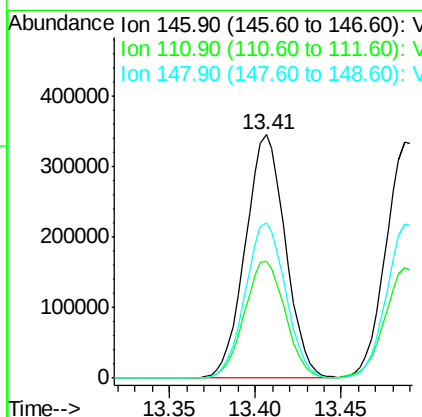
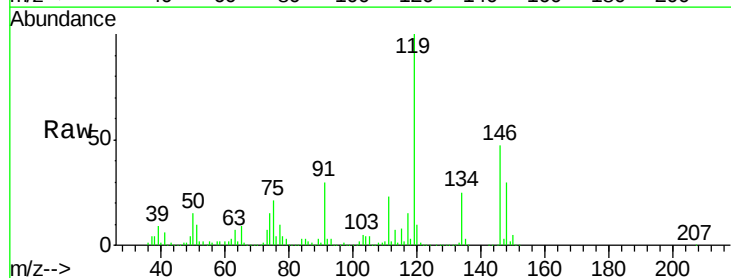
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MS

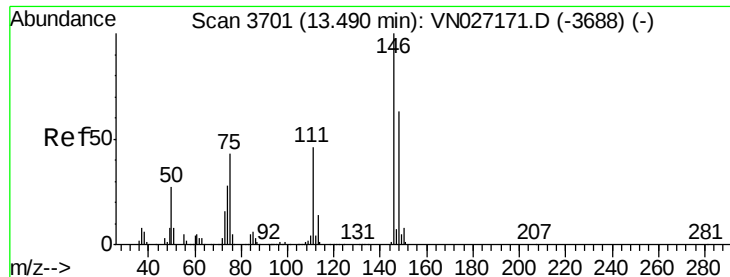
Tot Ion:119 Resp: 1168620
Ion Ratio Lower Upper
119 100
134 24.7 12.4 37.0
91 29.5 12.0 36.1



#88
1,3-Dichlorobenzene
Concen: 45.01 ug/l
RT: 13.41 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN027195.D
Acq: 16 Sep 2015 6:43

Tgt Ion:146 Resp: 557536
Ion Ratio Lower Upper
146 100
111 48.8 21.0 63.0
148 64.3 31.9 95.9

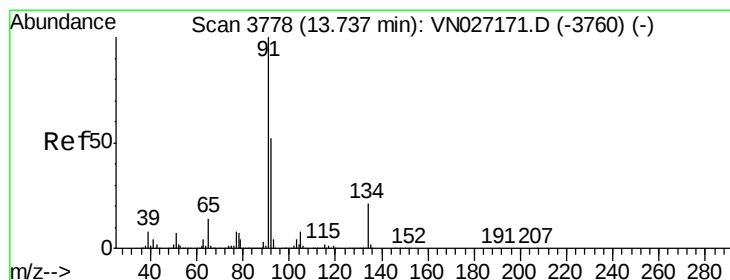
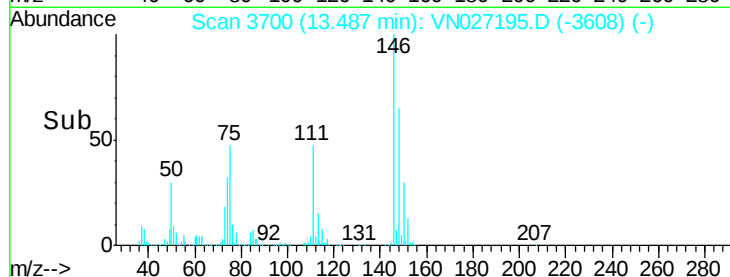
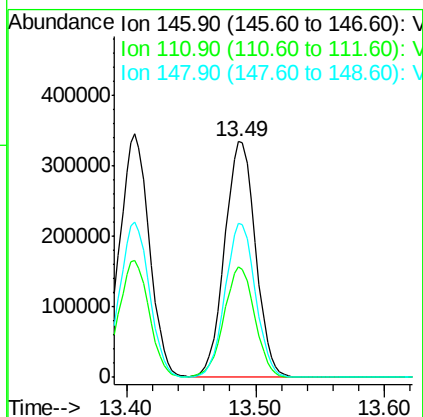
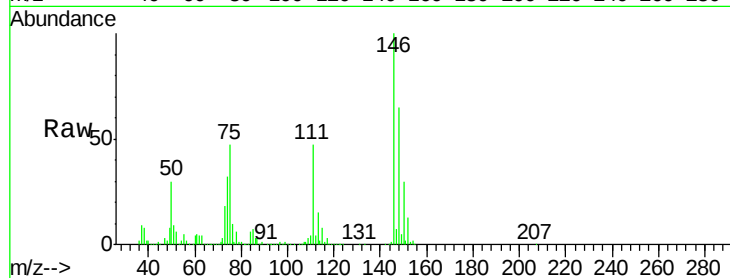




#89
 1,4-Dichlorobenzene
 Concen: 44.07 ug/l
 RT: 13.49 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

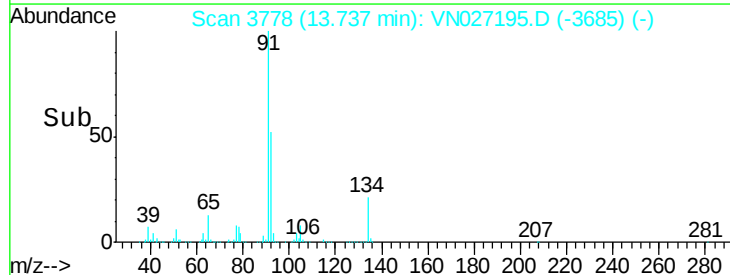
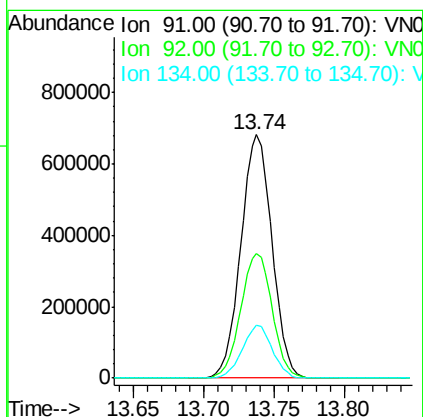
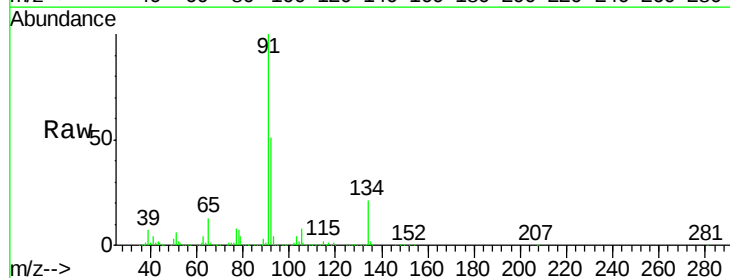
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MS

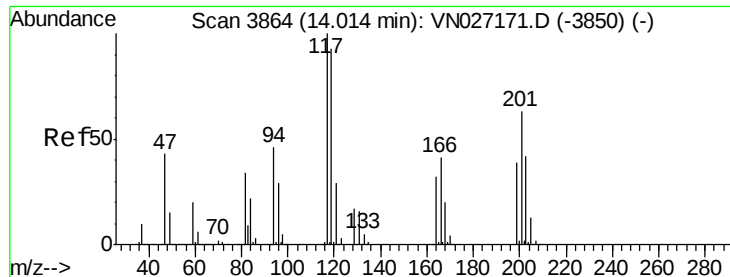
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.7	19.9	59.6
148	64.0	31.7	95.1



#90
 n-Butylbenzene
 Concen: 39.33 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.2
134	21.0	11.1	33.1





#91

Hexachloroethane

Concen: 45.34 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

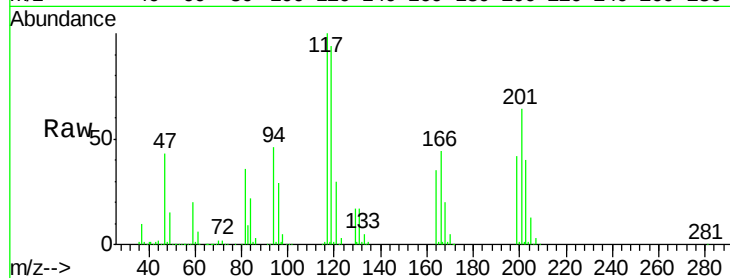
S39-0095MS

Tot Ion:117 Resp: 273929

Ion Ratio Lower Upper

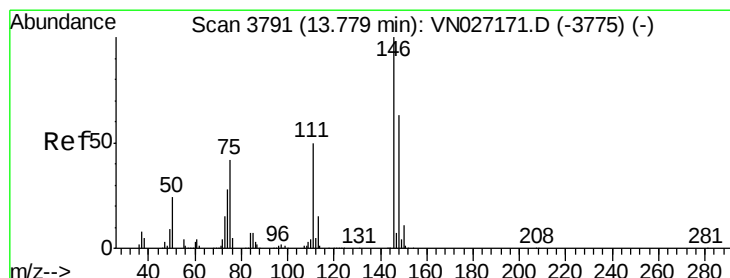
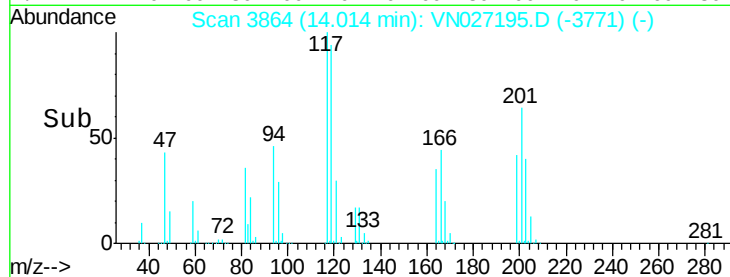
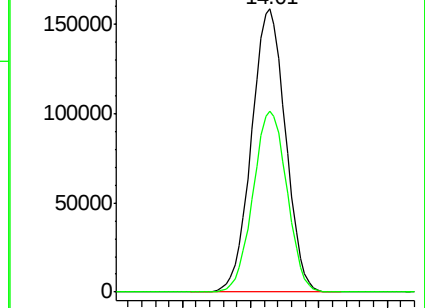
117 100

201 63.7 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 46.86 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

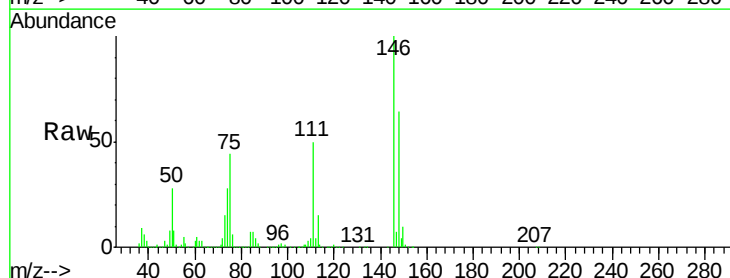
Tgt Ion:146 Resp: 573684

Ion Ratio Lower Upper

146 100

111 50.0 22.1 66.3

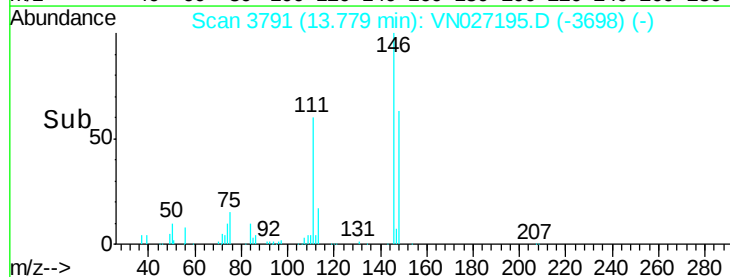
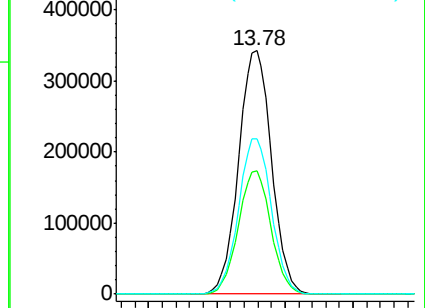
148 63.9 32.0 96.0

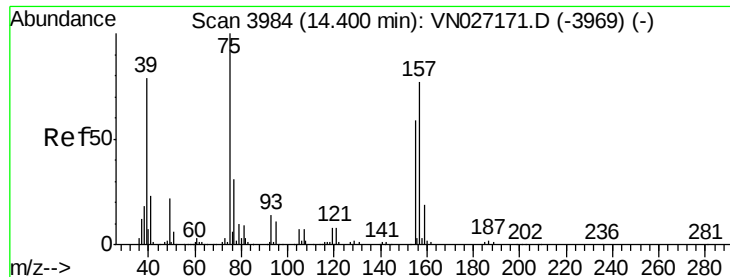


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2-Dibromo-3-Chloropropane

Concen: 45.92 ug/l

RT: 14.40 min Scan# 3983

Delta R.T. -0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MS

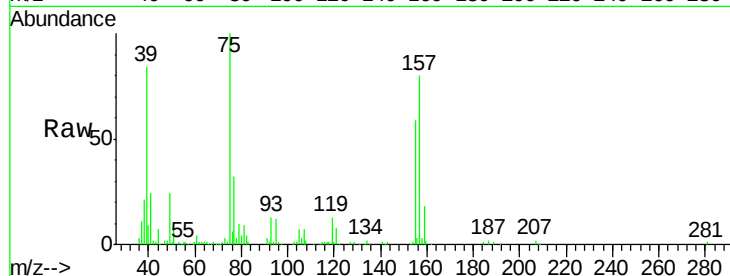
Tot Ion: 75 Resp: 97052

Ion Ratio Lower Upper

75 100

155 59.5 35.6 106.9

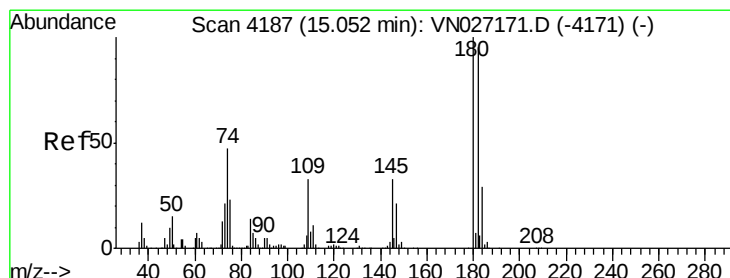
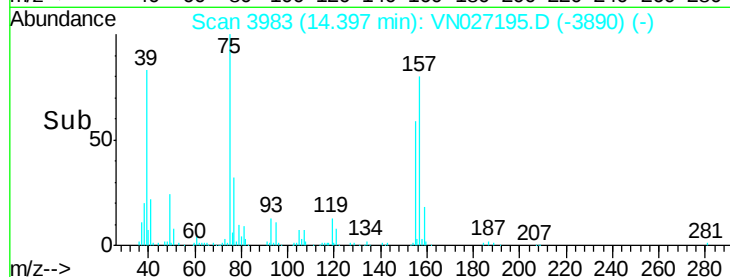
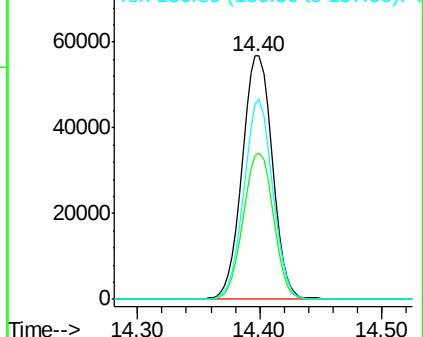
157 77.6 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN027171.D (-3969) (-)

Ion 154.80 (154.50 to 155.50): VN027171.D (-3969) (-)

Ion 156.80 (156.50 to 157.50): VN027171.D (-3969) (-)



#94

1,2,4-Trichlorobenzene

Concen: 43.29 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

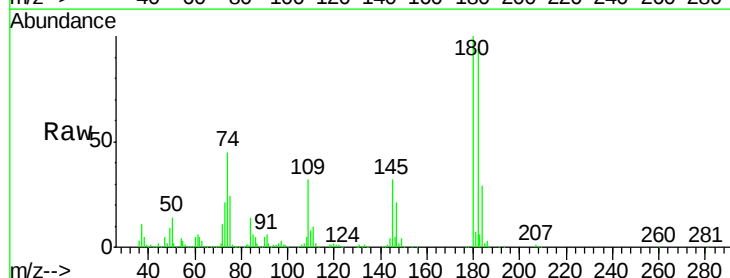
Tgt Ion:180 Resp: 286304

Ion Ratio Lower Upper

180 100

182 95.5 47.5 142.5

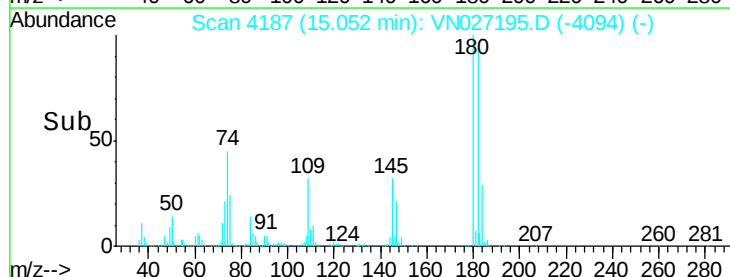
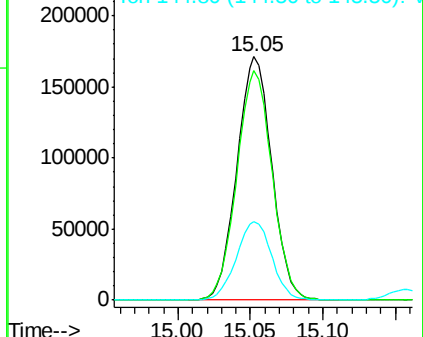
145 32.9 15.1 45.3

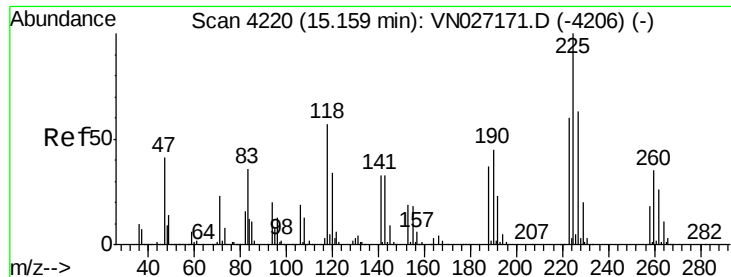


Abundance Ion 179.80 (179.50 to 180.50): VN027171.D (-4171) (-)

Ion 181.80 (181.50 to 182.50): VN027171.D (-4171) (-)

Ion 144.80 (144.50 to 145.50): VN027171.D (-4171) (-)





#95

Hexachlorobutadiene

Concen: 37.66 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

Instrument :

MSVOA_N

ClientSampled :

S39-0095MS

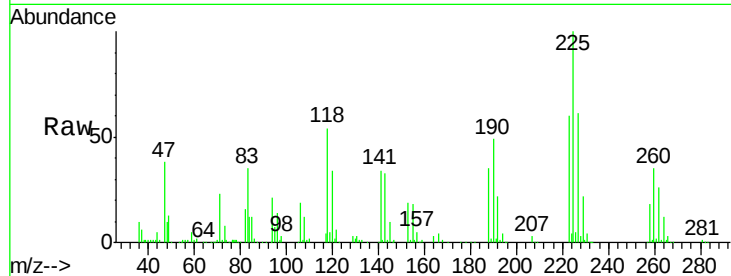
Tot Ion:225 Resp: 131172

Ion Ratio Lower Upper

225 100

223 61.5 30.8 92.3

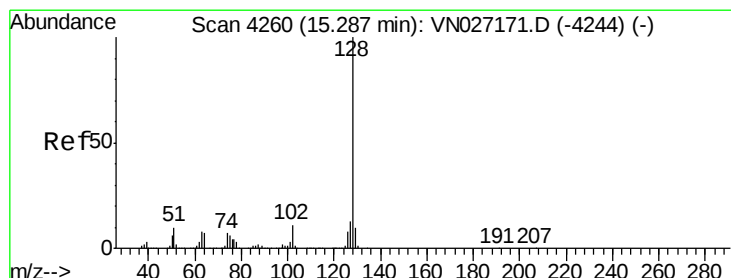
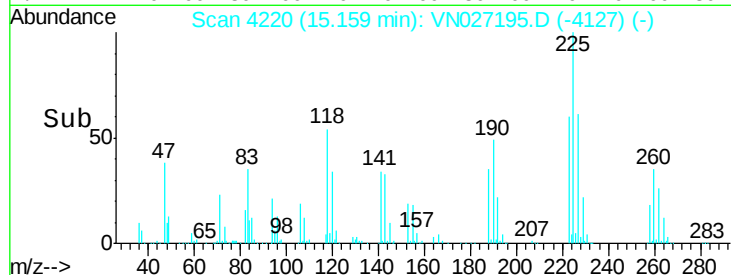
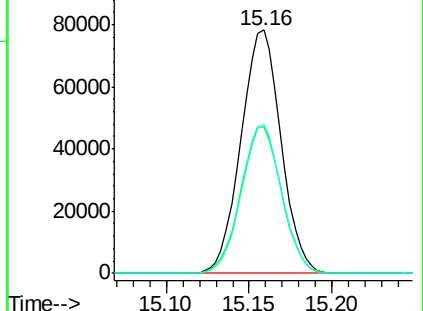
227 61.1 31.7 95.1



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



#96

Naphthalene

Concen: 45.84 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN027195.D

Acq: 16 Sep 2015 6:43

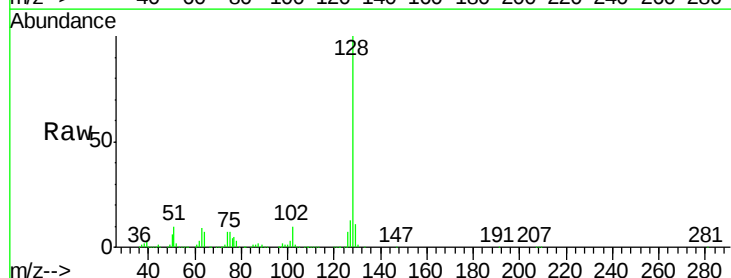
Tgt Ion:128 Resp: 888724

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

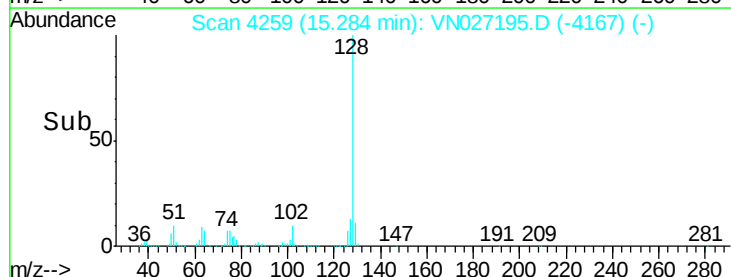
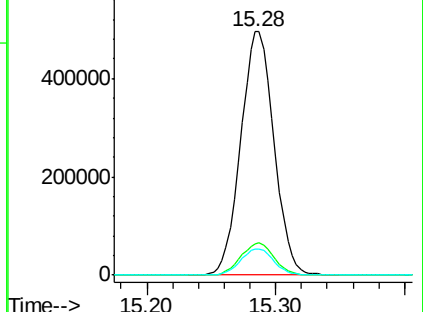
129 10.7 8.6 12.8

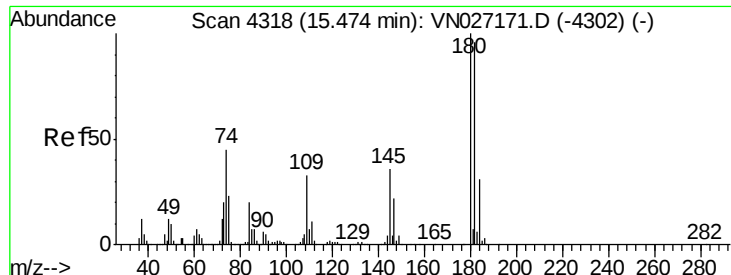


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 44.85 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027195.D
 Acq: 16 Sep 2015 6:43

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.8	146.4
145	35.5	16.6	49.8

