

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027196.D
 Acq On : 16 Sep 2015 7:11
 Operator : MD\FY
 Sample : G3629-10MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

Quant Time: Sep 16 07:29:26 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	511569	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1060261	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	905256	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	339244	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	566926	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
36) Dibromofluoromethane	7.68	113	362839	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
51) Toluene-d8	10.19	98	1382285	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
63) 4-Bromofluorobenzene	12.52	95	481965	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.80	85	285190	46.59	ug/l	100
3) Chlorodifluoromethane	1.82	51	333451	47.08	ug/l	94
4) Chloromethane	2.01	50	341378	49.80	ug/l	99
5) Vinyl Chloride	2.14	62	365755	50.59	ug/l	98
6) Bromomethane	2.54	94	164609	46.50	ug/l	99
7) Chloroethane	2.69	64	244281	49.71	ug/l	99
8) Trichlorofluoromethane	3.02	101	540396	49.49	ug/l	97
9) Diethyl Ether	3.42	74	250975	49.95	ug/l	87
10) 1,1,2-Trichlorotrifluoroet	3.79	101	314709	45.88	ug/l	97
11) Methyl Iodide	3.99	142	341475	51.22	ug/l	92
12) Tert butyl alcohol	4.79	59	235425	229.69	ug/l	97
13) 1,1-Dichloroethene	3.77	96	327402	49.85	ug/l	95
14) Acrolein	3.62	56	75657	62.83	ug/l	100
15) Allyl chloride	4.37	41	496762	37.44	ug/l	# 82
16) Acrylonitrile	5.02	53	846943	252.68	ug/l	98
17) Acetone	3.82	43	710546	251.43	ug/l	97
18) Carbon Disulfide	4.11	76	932533	43.60	ug/l	99
19) Methyl Acetate	4.36	43	547742	26.76	ug/l	97
20) Methyl tert-butyl Ether	5.11	73	1323699	50.20	ug/l	97
21) Methylene Chloride	4.60	84	401248	50.97	ug/l	96
22) trans-1,2-Dichloroethene	5.12	96	340363	47.91	ug/l	95
23) Diisopropyl ether	6.03	45	1382159	49.66	ug/l	92
24) Vinyl Acetate	5.97	43	827274	89.79	ug/l	99
25) 1,1-Dichloroethane	5.93	63	812898	50.27	ug/l	99
26) 2-Butanone	6.91	43	1031785	242.45	ug/l	97
27) 2,2-Dichloropropane	6.92	77	83297	5.94	ug/l	# 68
28) cis-1,2-Dichloroethene	6.92	96	422899	51.90	ug/l	93
29) Bromochloromethane	7.29	49	357674	56.99	ug/l	95
30) Tetrahydrofuran	7.31	42	675694	230.38	ug/l	92
31) Chloroform	7.46	83	763751	52.27	ug/l	99
32) Cyclohexane	7.76	56	714728	49.64	ug/l	92
33) 1,1,1-Trichloroethane	7.67	97	694203	53.29	ug/l	96
37) 1,1-Dichloropropene	7.89	75	553518	44.60	ug/l	98
38) Ethyl Acetate	7.02	43	248270	22.95	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	542489	46.49	ug/l	99
40) Methylcyclohexane	9.19	83	602626	39.87	ug/l	98
41) Benzene	8.14	78	1675585	46.27	ug/l	99
42) Methacrylonitrile	7.24	41	273190	45.53	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	676785	46.39	ug/l	95
44) Isopropyl Acetate	8.25	43	614895	31.00	ug/l	93
45) Trichloroethene	8.93	130	369025	50.73	ug/l	89
46) 1,2-Dichloropropane	9.21	63	471513	45.26	ug/l	99
47) Dibromomethane	9.31	93	279014	45.61	ug/l	93
48) Bromodichloromethane	9.49	83	605562	46.97	ug/l	99
49) Methyl methacrylate	9.29	41	436703	44.19	ug/l #	88
50) 1,4-Dioxane	9.30	88	95062	820.26	ug/l	94
52) 4-Methyl-2-Pentanone	10.07	43	2303739	219.69	ug/l	99
53) Toluene	10.26	92	962675	45.38	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	457667	31.61	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	501556	31.85	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	372369	46.71	ug/l	98
57) Ethyl methacrylate	10.52	69	600192	44.68	ug/l #	91
58) 1,3-Dichloropropane	10.80	76	686544	46.39	ug/l	98
60) 2-Hexanone	10.84	43	1541008	215.84	ug/l	100
61) Dibromochloromethane	11.00	129	379074	46.56	ug/l	99
62) 1,2-Dibromoethane	11.11	107	356227	45.47	ug/l	100
65) Tetrachloroethene	10.74	164	244802	42.29	ug/l	95
66) Chlorobenzene	11.54	112	966254	45.21	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	334742	45.92	ug/l	98
68) Ethyl Benzene	11.62	91	1811087	44.69	ug/l	99
69) m/p-Xylenes	11.73	106	1246379	89.14	ug/l	90
70) o-Xylene	12.06	106	630511	44.98	ug/l	90
71) Styrene	12.07	104	972843	42.99	ug/l	94
72) Bromoform	12.24	173	229705	45.31	ug/l	98
74) Isopropylbenzene	12.36	105	1695457	45.35	ug/l	98
75) N-amyl acetate	12.17	43	380543	22.81	ug/l	98
76) 1,1,2,2-Tetrachloroethane	12.61	83	485319	50.31	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	580480	56.62	ug/l	64
78) Bromobenzene	12.64	156	336564	45.91	ug/l	97
79) n-propylbenzene	12.71	91	1943347	44.18	ug/l	98
80) 2-Chlorotoluene	12.79	91	1198177	45.37	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1342504	44.70	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	78162	18.73	ug/l	94
83) 4-Chlorotoluene	12.89	91	1189769	45.85	ug/l	95
84) tert-Butylbenzene	13.11	119	1102493	44.49	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	1361275	45.13	ug/l	95
86) sec-Butylbenzene	13.29	105	1589720	43.79	ug/l	99
87) p-Isopropyltoluene	13.41	119	1190119	42.57	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	571091	45.53	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	558277	43.94	ug/l	95
90) n-Butylbenzene	13.74	91	1092195	40.25	ug/l	98
91) Hexachloroethane	14.01	117	271887	44.44	ug/l	94
92) 1,2-Dichlorobenzene	13.78	146	575870	46.45	ug/l	97
93) 1,2-Dibromo-3-Chloropropan	14.40	75	97871	45.72	ug/l	89

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QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration

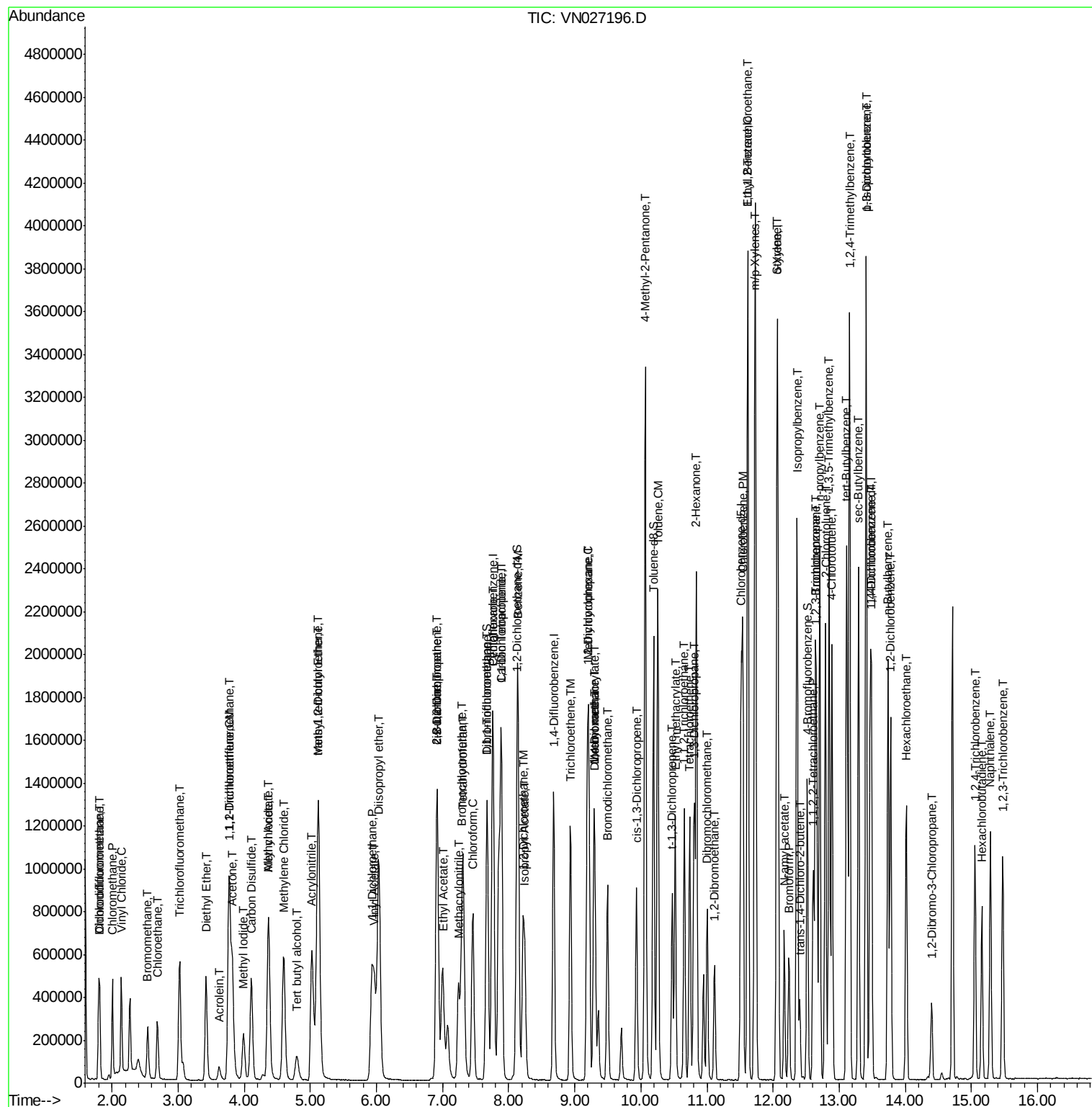
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) 1,2,4-Trichlorobenzene	15.05	180	295086	44.06	ug/l	98
95) Hexachlorobutadiene	15.16	225	131430	37.26	ug/l	99
96) Naphthalene	15.29	128	913858	46.55	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	305031	45.82	ug/l	98

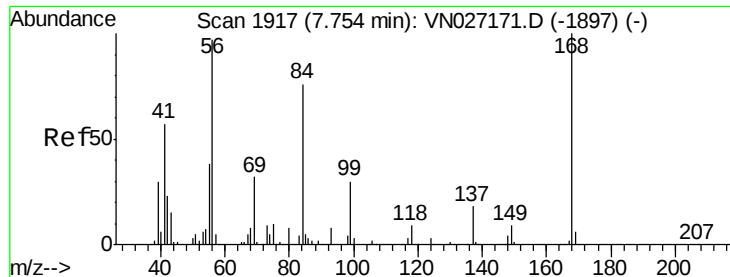
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

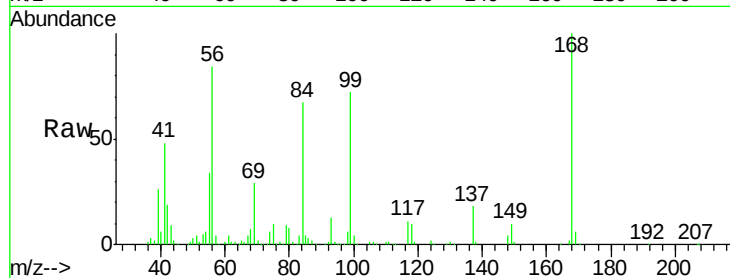
S39-0095MSD

Tot Ion:168 Resp: 511569

Ion Ratio Lower Upper

168 100

99 71.5 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

250000

200000

150000

100000

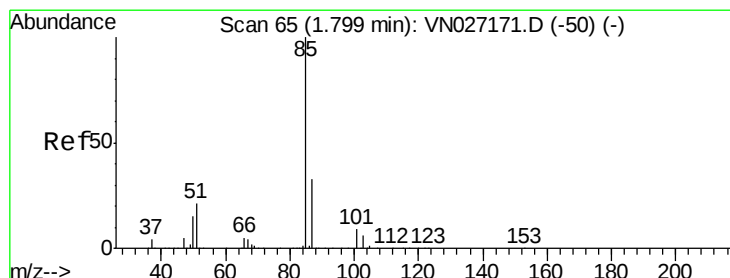
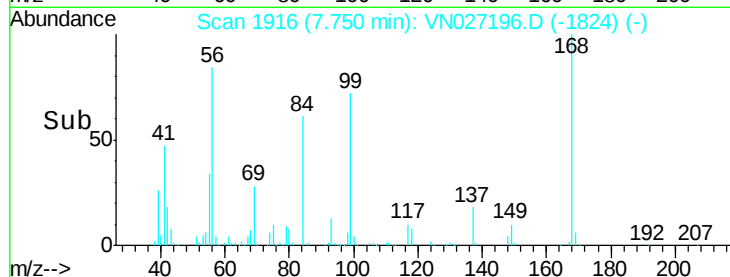
50000

0

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.59 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027196.D

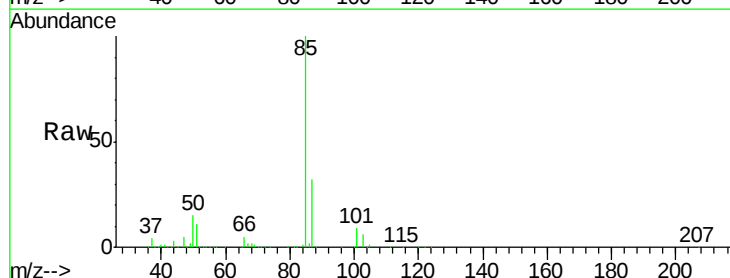
Acq: 16 Sep 2015 7:11

Tgt Ion: 85 Resp: 285190

Ion Ratio Lower Upper

85 100

87 32.5 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

250000

200000

150000

100000

50000

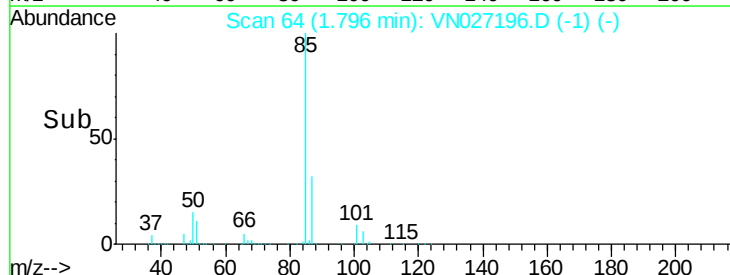
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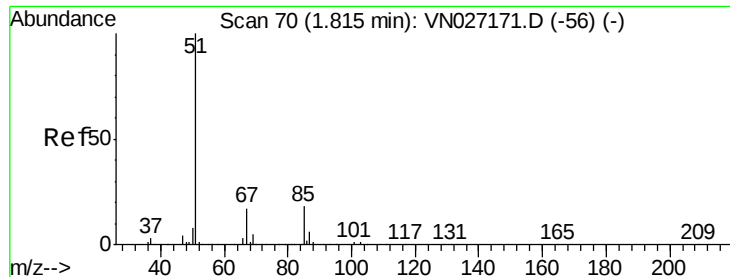
1.75

1.80

1.85

Time-->





#3

Chlorodifluoromethane

Concen: 47.08 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

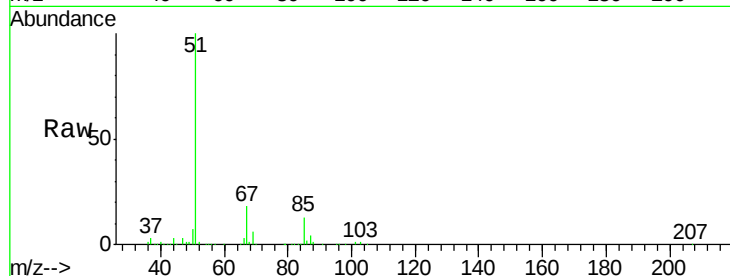
S39-0095MSD

Tot Ion: 51 Resp: 333451

Ion Ratio Lower Upper

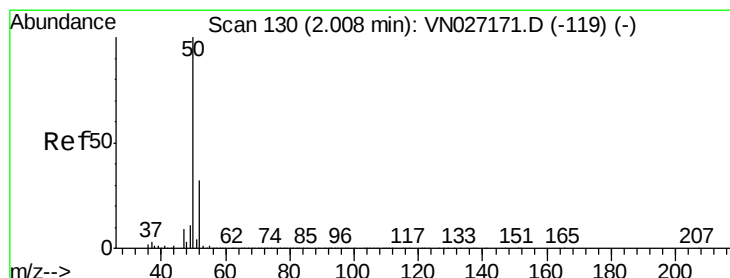
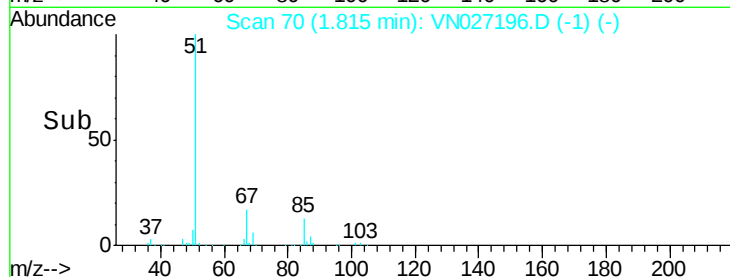
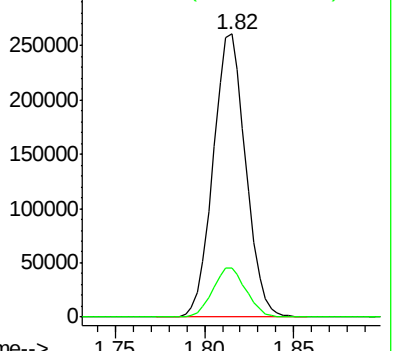
51 100

67 17.9 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 49.80 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027196.D

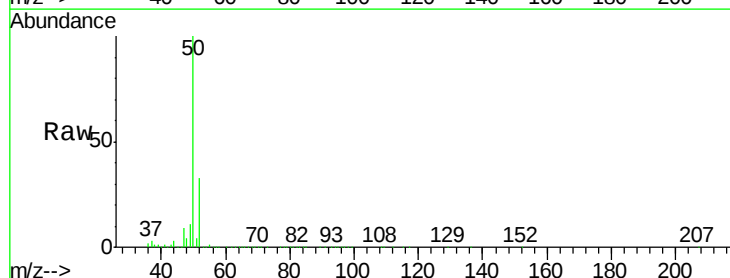
Acq: 16 Sep 2015 7:11

Tgt Ion: 50 Resp: 341378

Ion Ratio Lower Upper

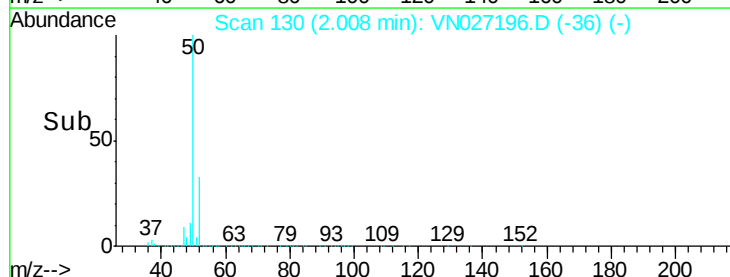
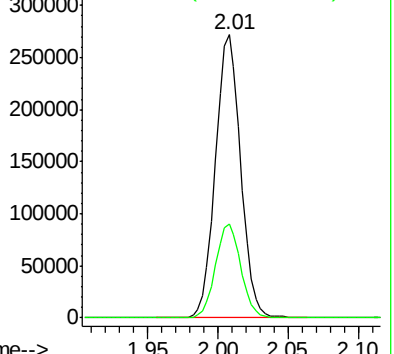
50 100

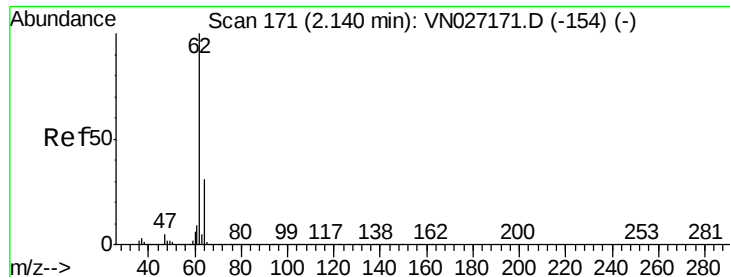
52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 50.59 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampled :

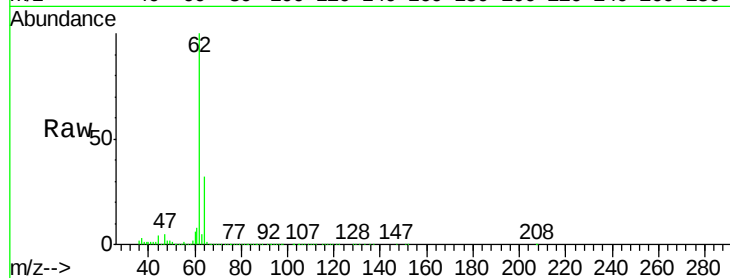
S39-0095MSD

Tot Ion: 62 Resp: 365755

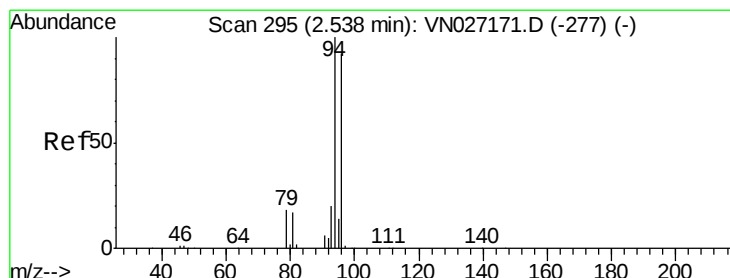
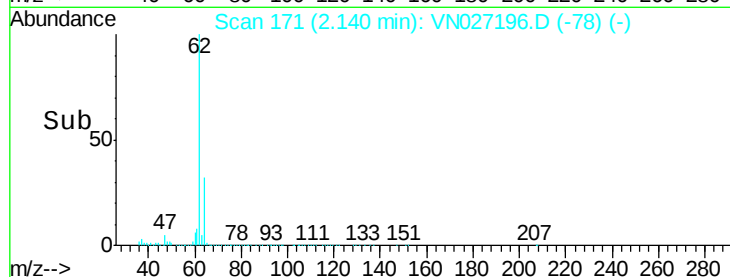
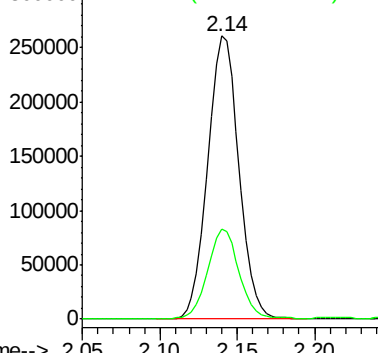
Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO



#6

Bromomethane

Concen: 46.50 ug/l

RT: 2.54 min Scan# 296

Delta R.T. 0.00 min

Lab File: VN027196.D

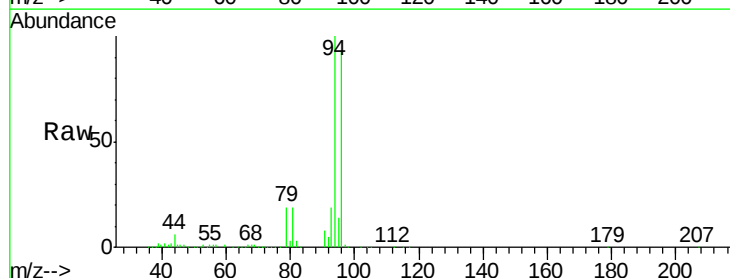
Acq: 16 Sep 2015 7:11

Tgt Ion: 94 Resp: 164609

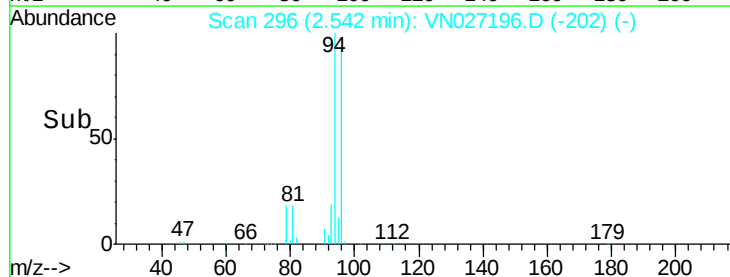
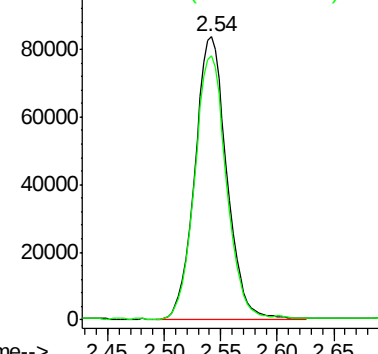
Ion Ratio Lower Upper

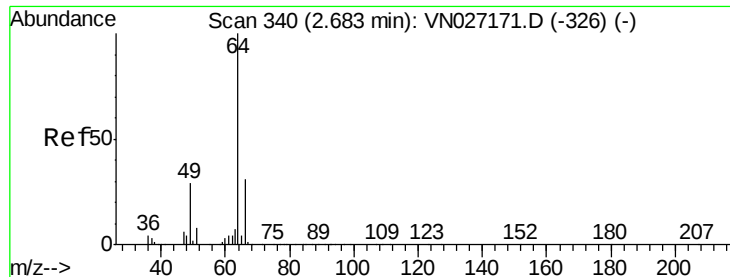
94 100

96 93.0 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO





#7

Chloroethane

Concen: 49.71 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

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ClientSampleId :

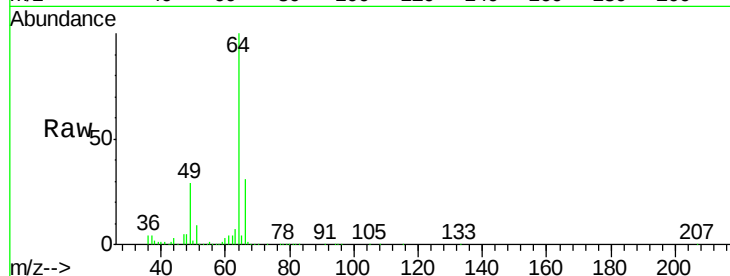
S39-0095MSD

Tot Ion: 64 Resp: 244281

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN027171.D (-326) (-)

Ion 65.90 (65.60 to 66.60): VN027196.D (-247) (-)

2.69

150000

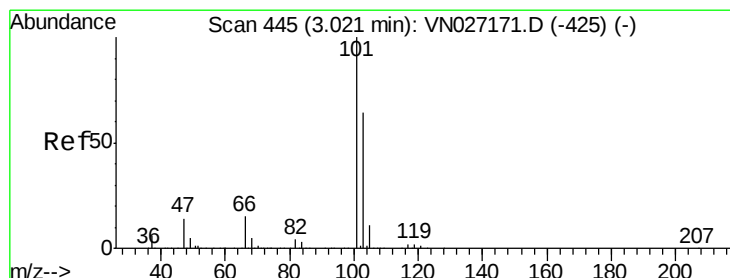
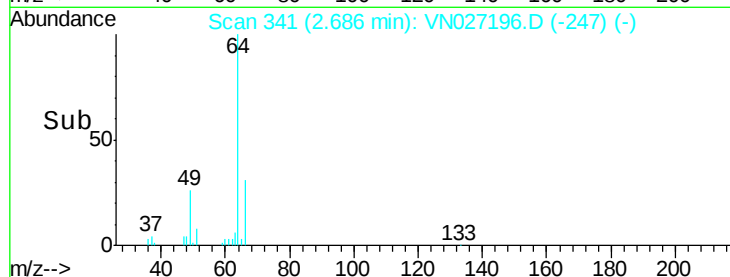
100000

50000

0

Time-->

2.60 2.70 2.80



#8

Trichlorofluoromethane

Concen: 49.49 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027196.D

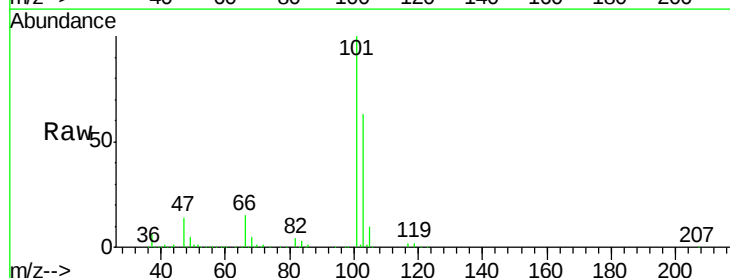
Acq: 16 Sep 2015 7:11

Tgt Ion: 101 Resp: 540396

Ion Ratio Lower Upper

101 100

103 63.2 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): VN027171.D (-425) (-)

Ion 102.80 (102.50 to 103.50): VN027196.D (-352) (-)

3.02

250000

200000

150000

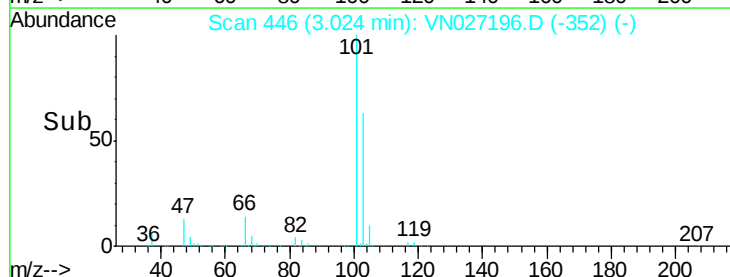
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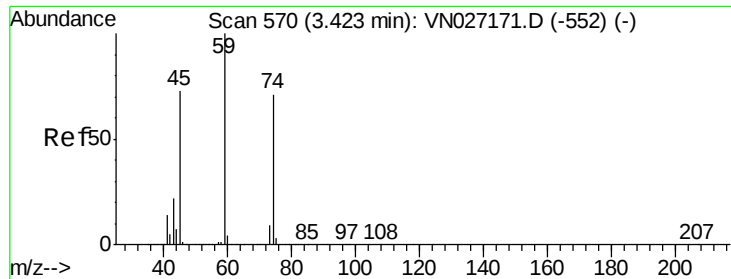
50000

0

Time-->

2.90 3.00 3.10 3.20





#9

Diethyl Ether

Concen: 49.95 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

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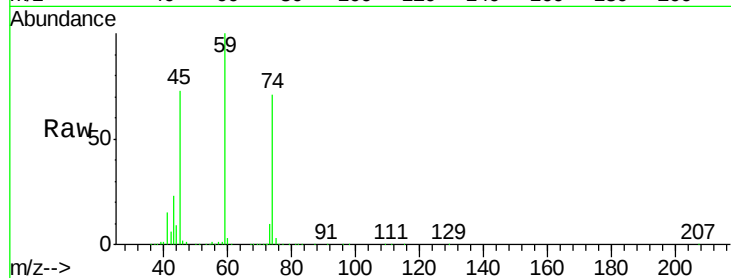
S39-0095MSD

Tot Ion: 74 Resp: 250975

Ion Ratio Lower Upper

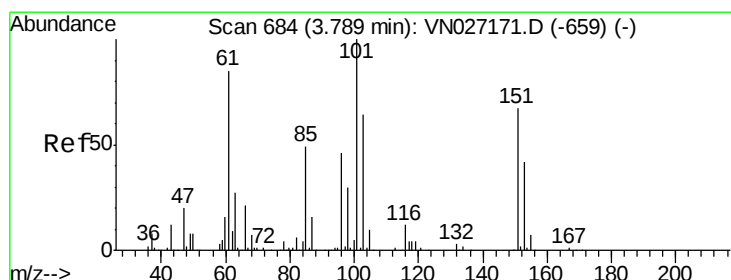
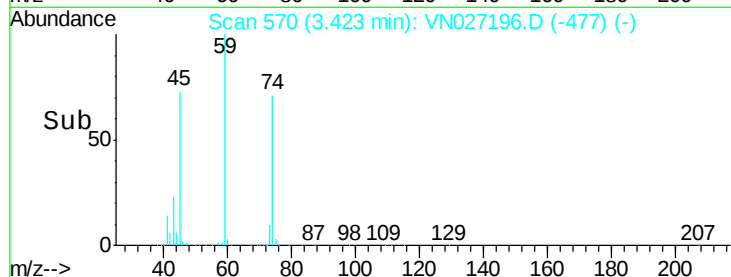
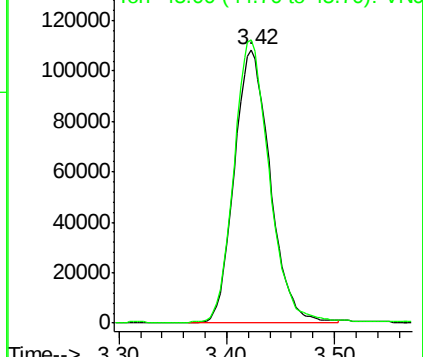
74 100

45 101.7 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: 45.88 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

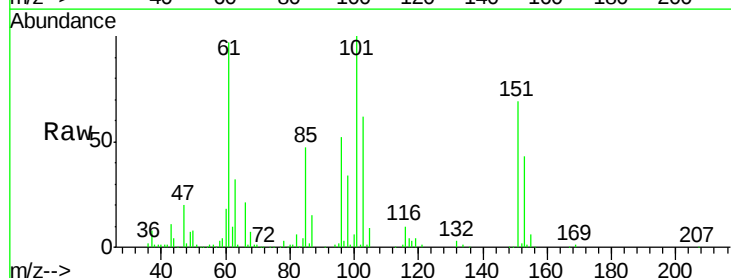
Tgt Ion:101 Resp: 314709

Ion Ratio Lower Upper

101 100

85 47.7 37.4 56.0

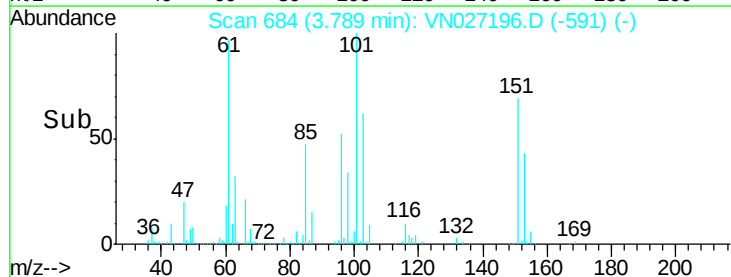
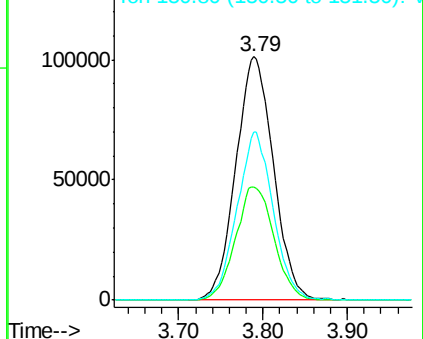
151 66.3 55.9 83.9

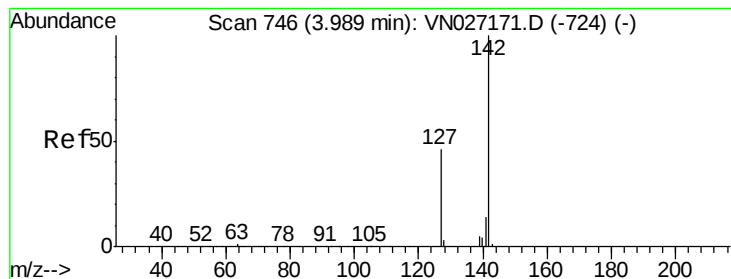


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





#11

Methvl Iodide

Concen: 51.22 ug/l

RT: 3.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MSD

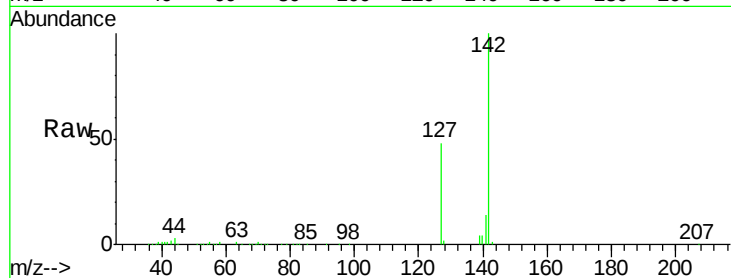
Tot Ion:142 Resp: 341475

Ion Ratio Lower Upper

142 100

127 47.2 32.3 48.5

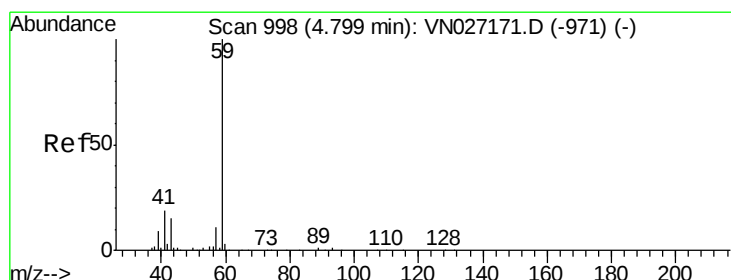
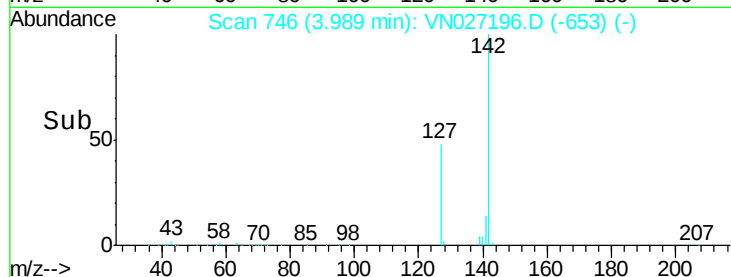
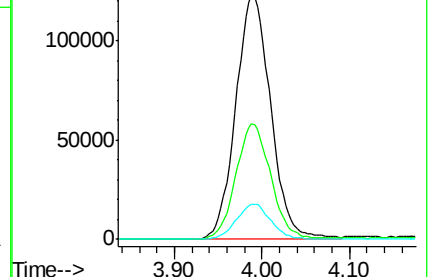
141 14.3 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#12

Tert butyl alcohol

Concen: 229.69 ug/l

RT: 4.79 min Scan# 996

Delta R.T. -0.01 min

Lab File: VN027196.D

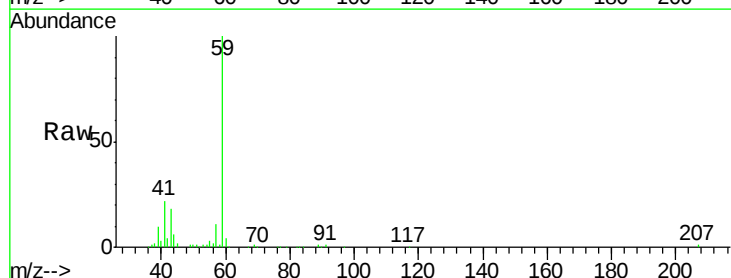
Acq: 16 Sep 2015 7:11

Tgt Ion: 59 Resp: 235425

Ion Ratio Lower Upper

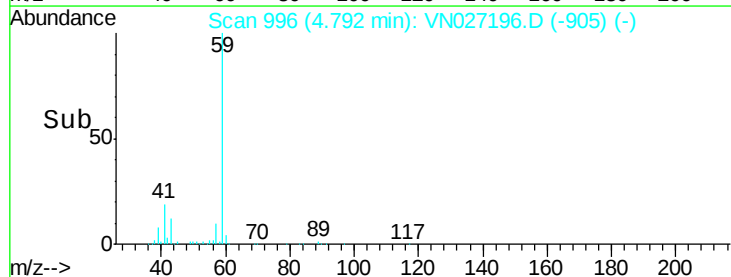
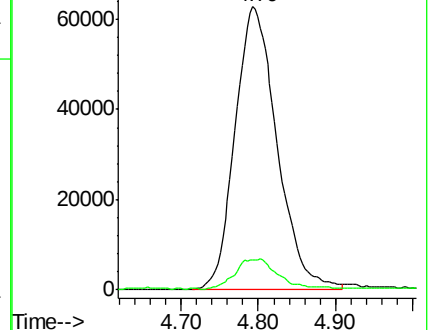
59 100

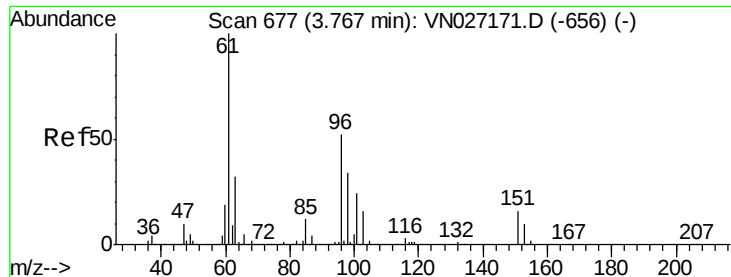
57 10.7 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V

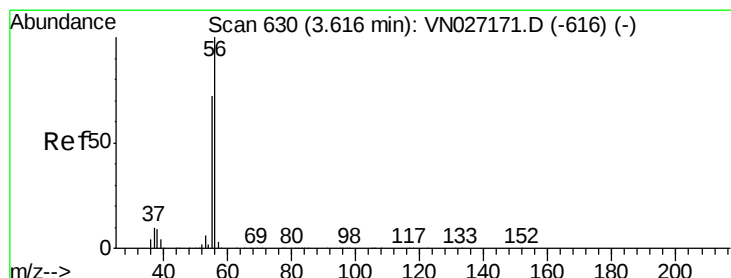
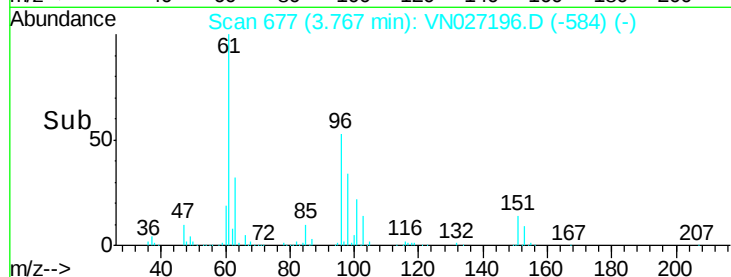
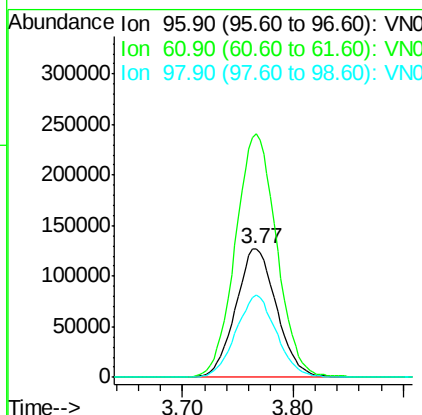
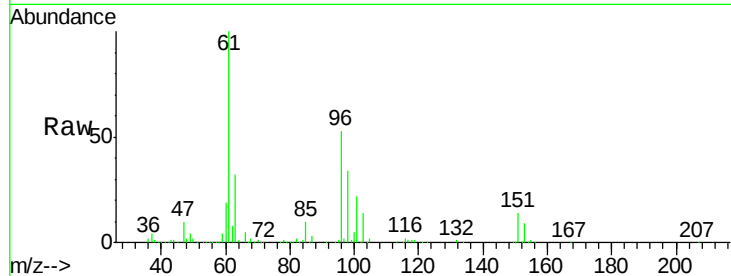




#13
 1,1-Dichloroethene
 Concen: 49.85 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

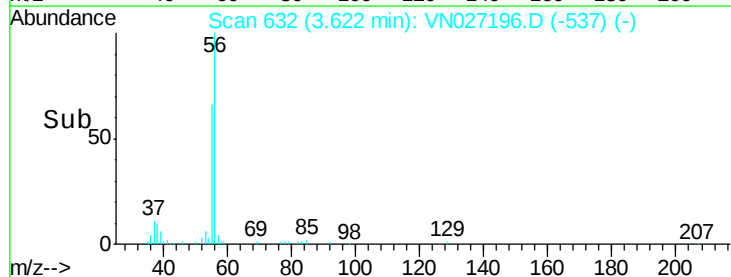
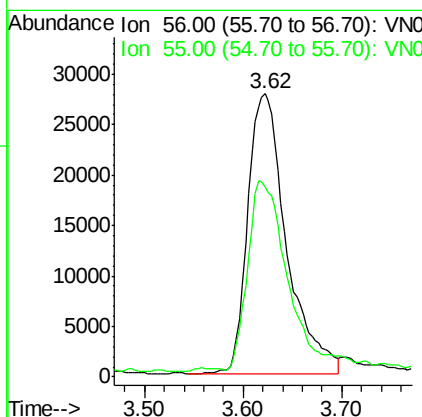
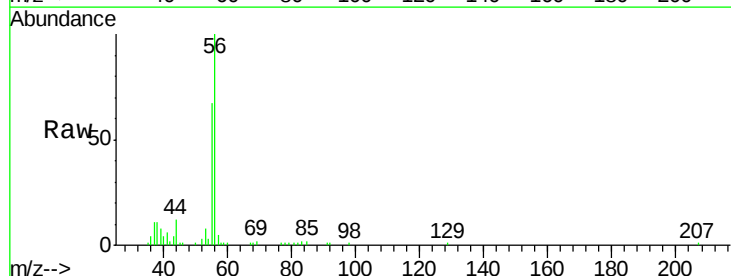
Instrument :
 MSVOA_N
 ClientSampled :
 S39-0095MSD

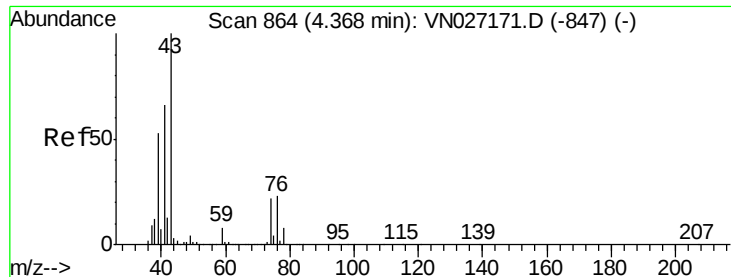
Tot Ion	96	Resp	327402
Ion	Ratio	Lower	Upper
96	100		
61	188.3	143.8	215.8
98	63.1	50.3	75.5



#14
 Acrolein
 Concen: 62.83 ug/l
 RT: 3.62 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion	56	Resp	75657
Ion	Ratio	Lower	Upper
56	100		
55	69.7	55.7	83.5

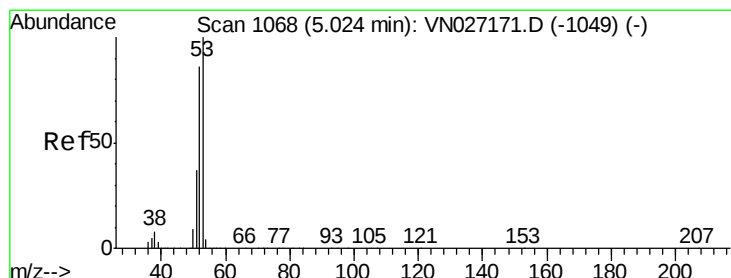
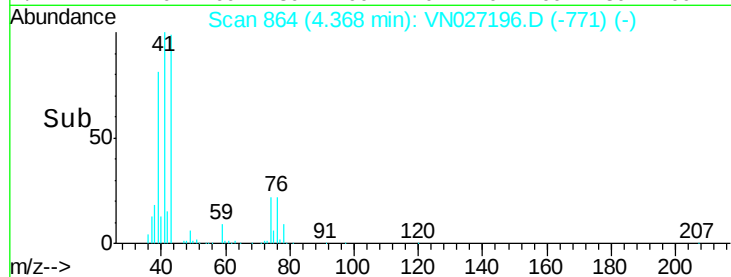
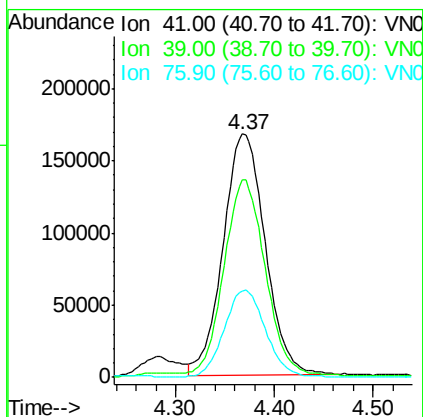
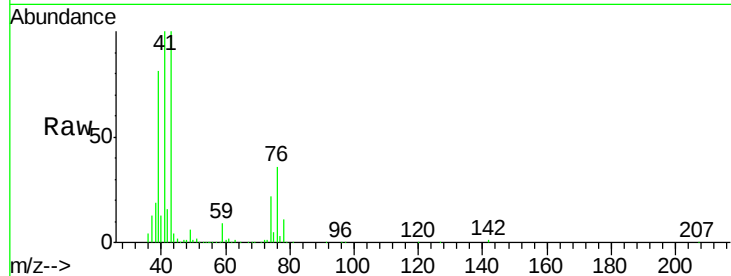




#15
Allvl chloride
Concen: 37.44 ug/l
RT: 4.37 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

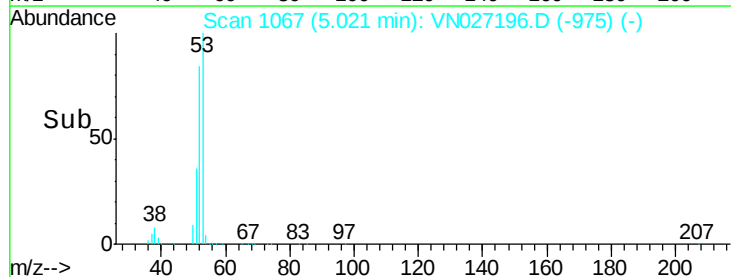
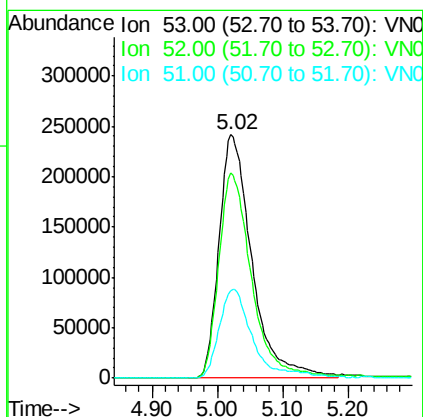
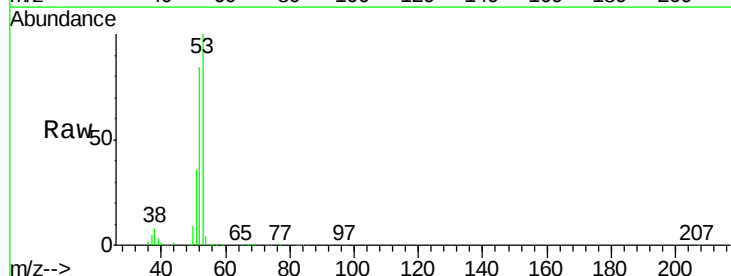
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MSD

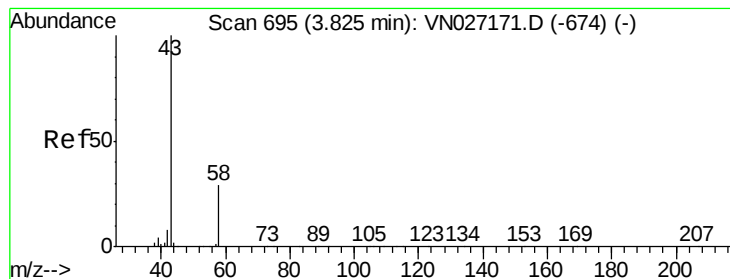
Tot Ion: 41 Resp: 496762
Ion Ratio Lower Upper
41 100
39 79.8 49.7 74.5#
76 35.3 24.8 37.2



#16
Acrylonitrile
Concen: 252.68 ug/l
RT: 5.02 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion: 53 Resp: 846943
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 37.2 27.4 41.0





#17

Acetone

Concen: 251.43 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

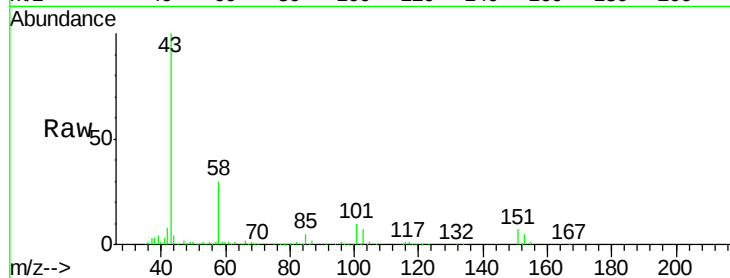
S39-0095MSD

Tot Ion: 43 Resp: 710546

Ion Ratio Lower Upper

43 100

58 30.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

300000

250000

200000

150000

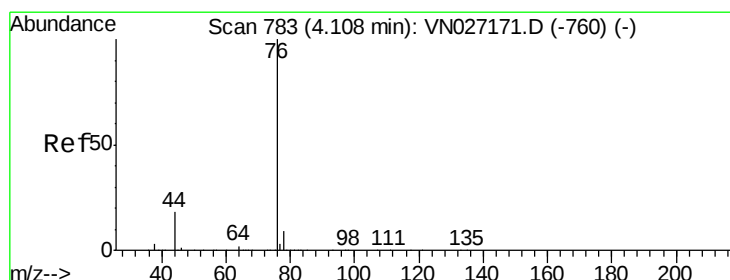
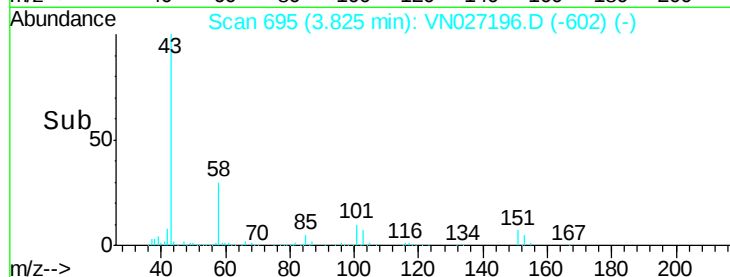
100000

50000

0

3.60 3.80 4.00

Time-->



#18

Carbon Disulfide

Concen: 43.60 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027196.D

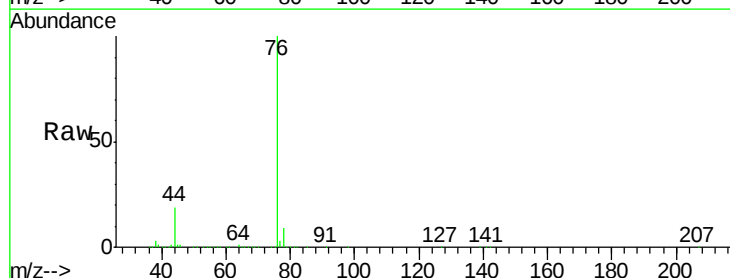
Acq: 16 Sep 2015 7:11

Tgt Ion: 76 Resp: 932533

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

400000

300000

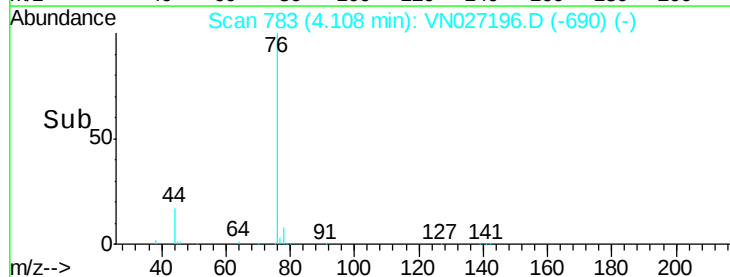
200000

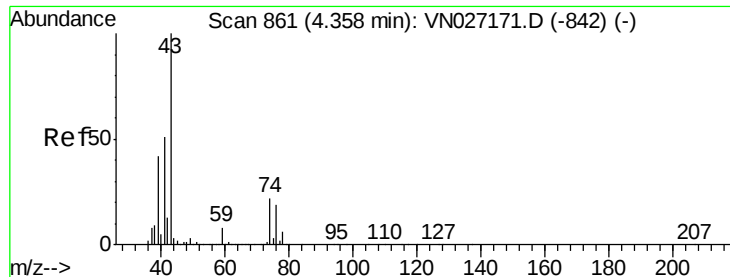
100000

0

4.00 4.10 4.20

Time-->

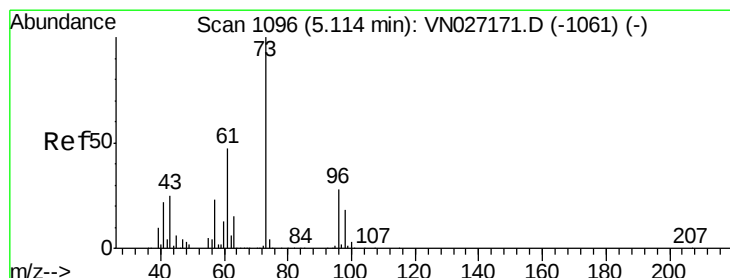
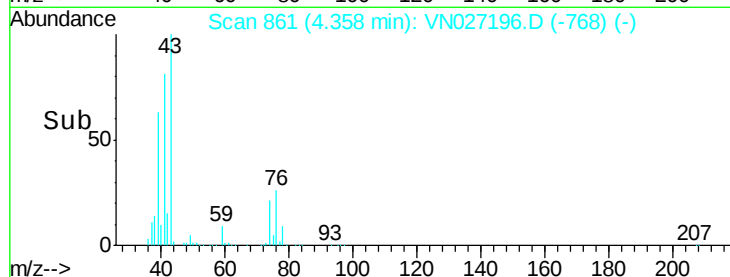
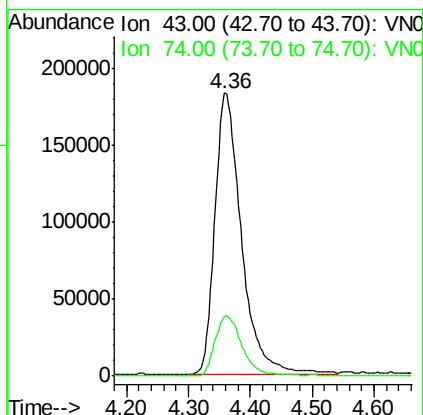
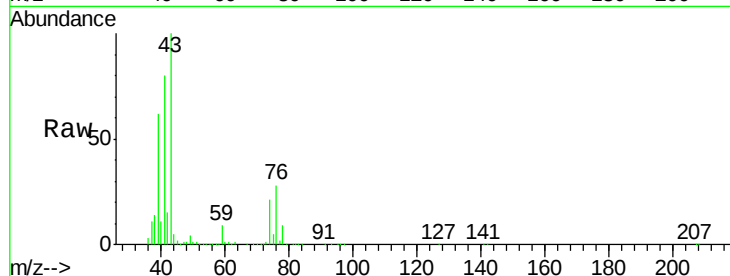




#19
Methvl Acetate
Concen: 26.76 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

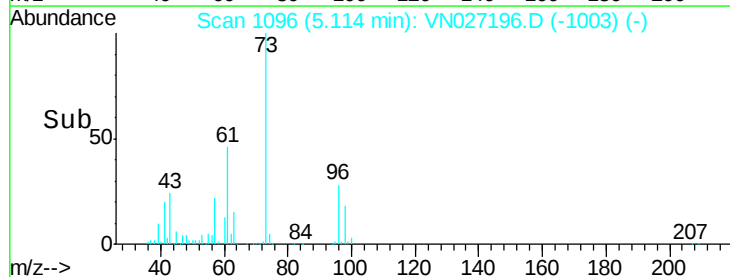
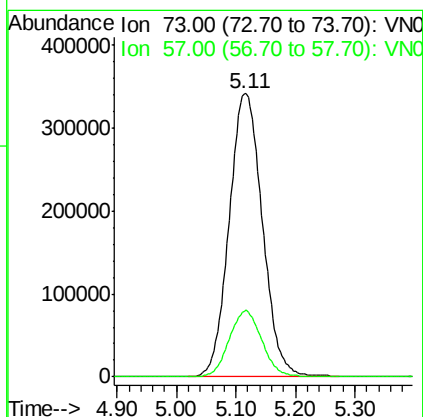
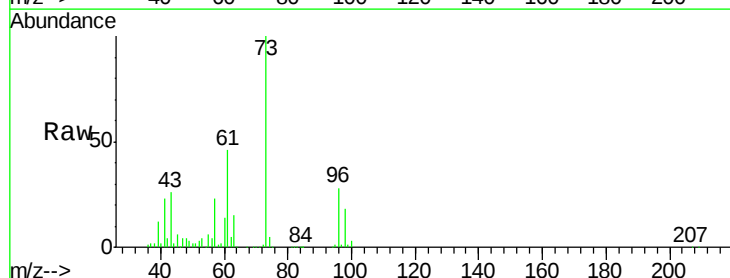
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MSD

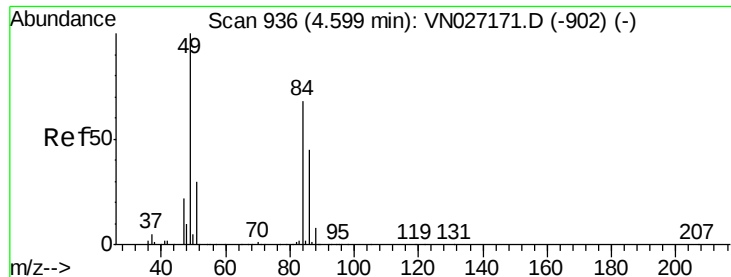
Tot Ion: 43 Resp: 547742
Ion Ratio Lower Upper
43 100
74 21.6 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 50.20 ug/l
RT: 5.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion: 73 Resp: 1323699
Ion Ratio Lower Upper
73 100
57 23.3 19.8 29.6

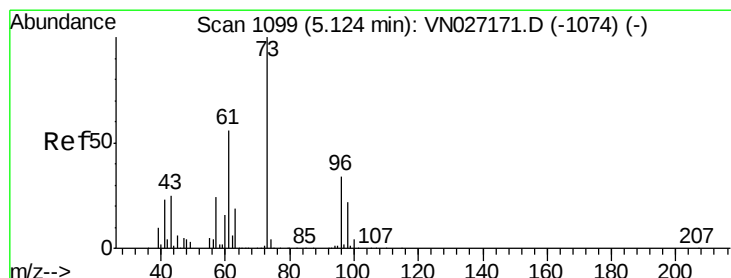
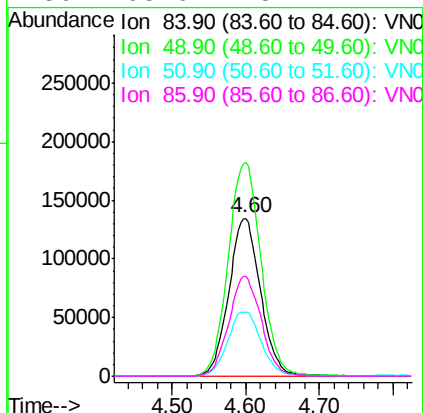
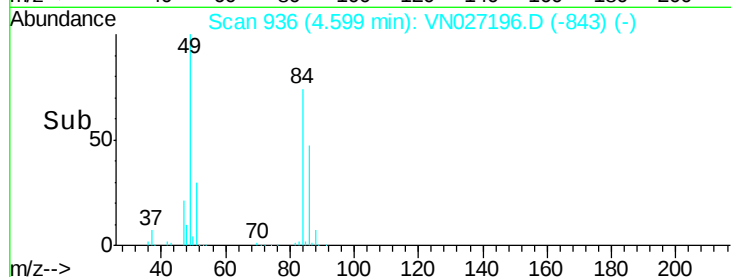
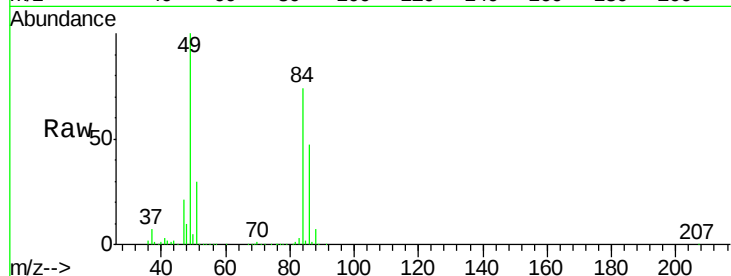




#21
Methylene Chloride
Concen: 50.97 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

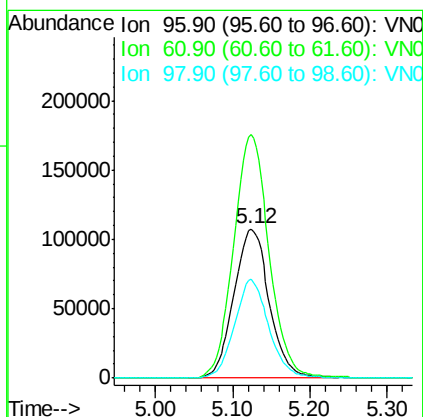
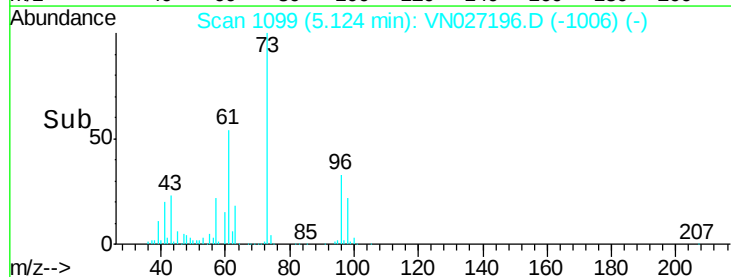
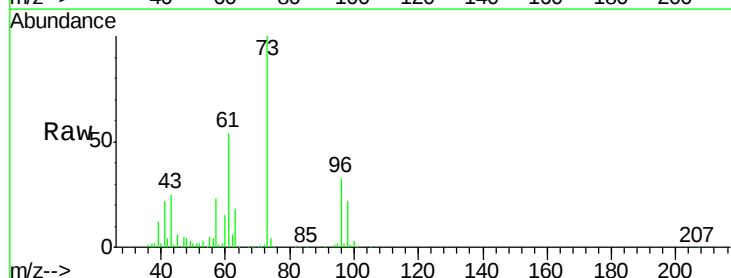
Instrument :
MSVOA_N
ClientSampled :
S39-0095MSD

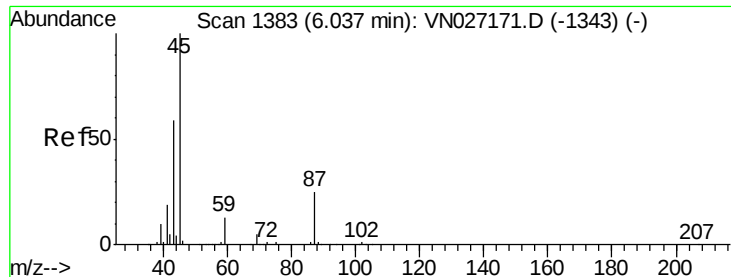
Tot Ion: 84 Resp: 401248
Ion Ratio Lower Upper
84 100
49 135.6 112.3 168.5
51 40.8 33.8 50.8
86 63.6 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 47.91 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion: 96 Resp: 340363
Ion Ratio Lower Upper
96 100
61 163.4 126.6 189.8
98 66.1 47.4 71.2

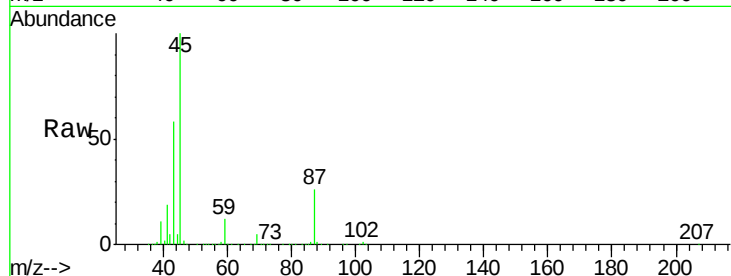




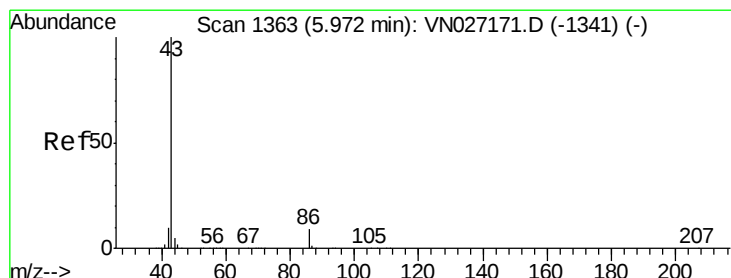
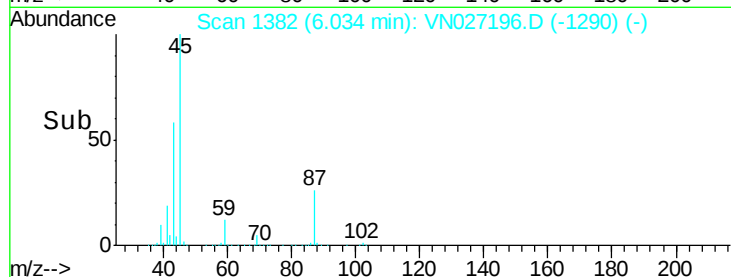
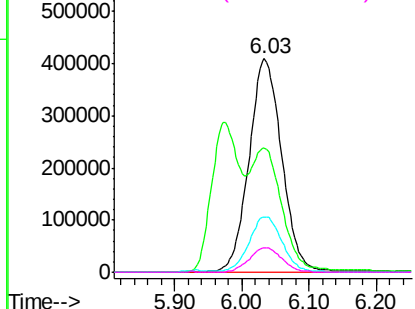
#23
Diisopropyl ether
Concen: 49.66 ug/l
RT: 6.03 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Instrument :
MSVOA_N
ClientSampled :
S39-0095MSD

Tot Ion: 45 Resp: 1382159
Ion Ratio Lower Upper
45 100
43 57.7 41.0 61.6
87 25.8 17.5 26.3
59 11.4 8.7 13.1

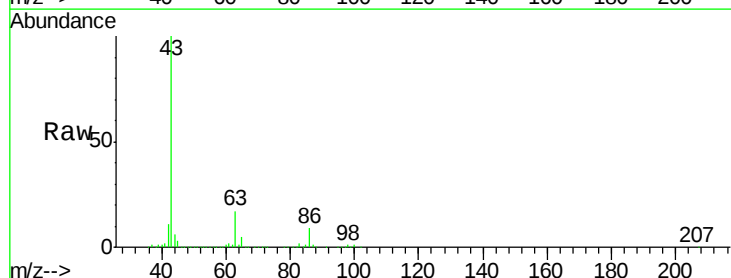


Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

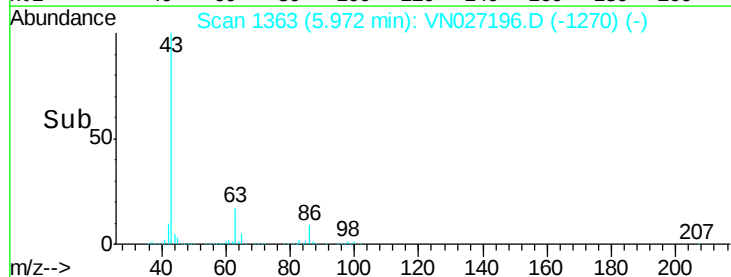
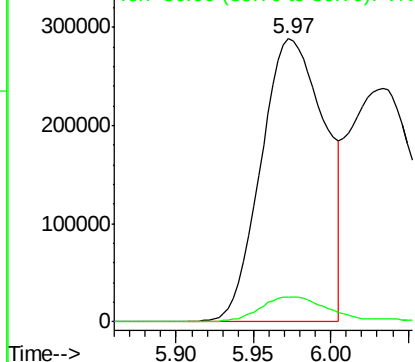


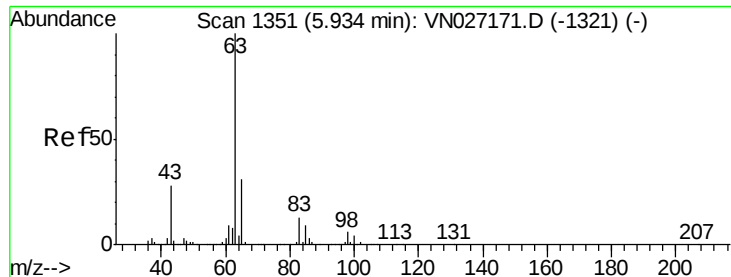
#24
Vinyl Acetate
Concen: 89.79 ug/l
RT: 5.97 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion: 43 Resp: 827274
Ion Ratio Lower Upper
43 100
86 8.8 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0

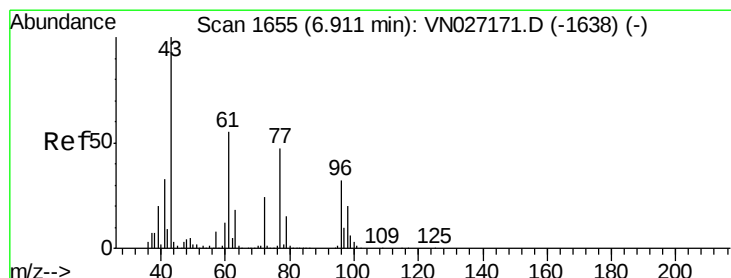
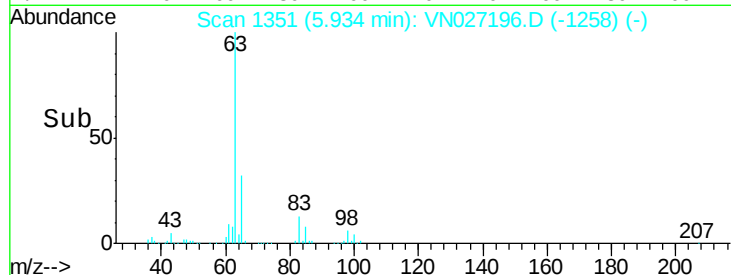
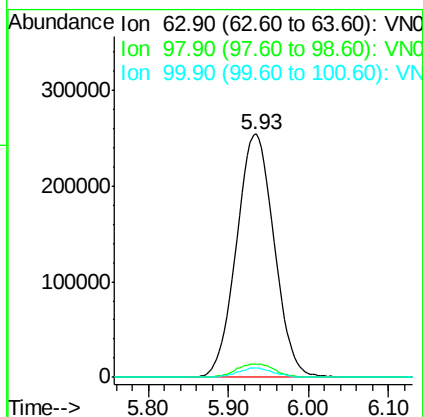
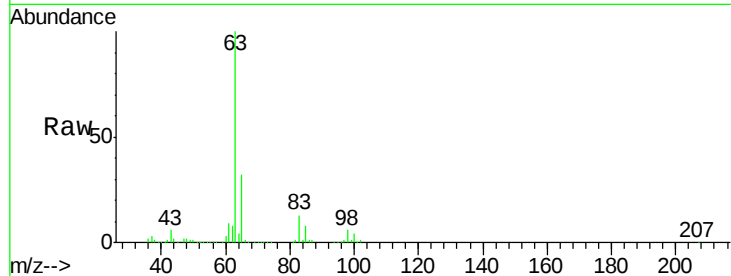




#25
 1,1-Dichloroethane
 Concen: 50.27 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

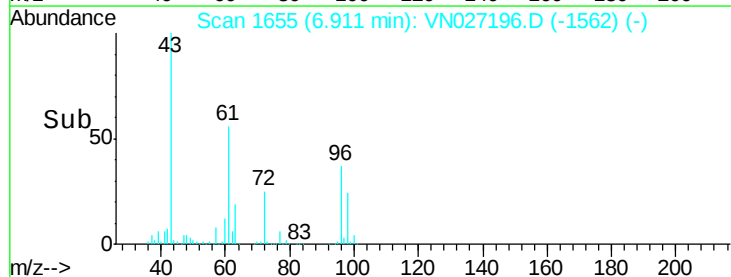
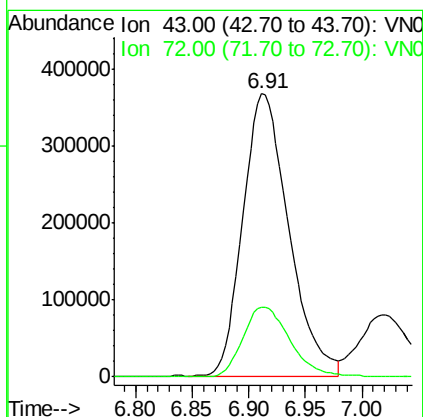
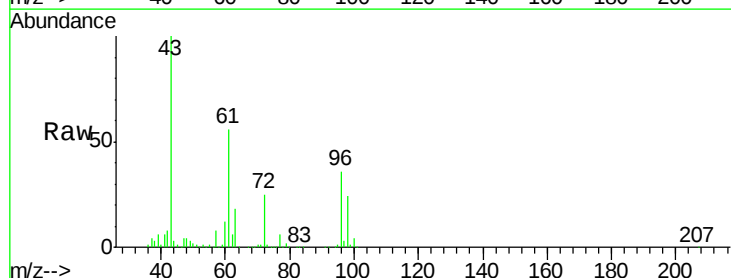
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

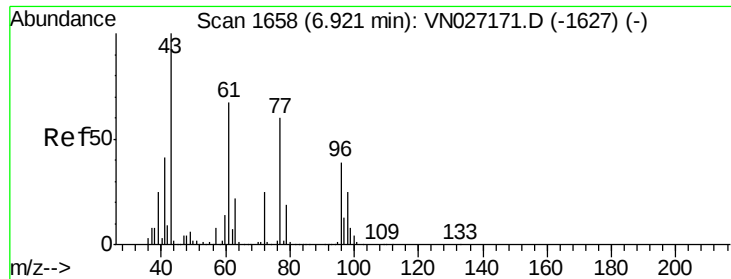
Tot Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.8	8.3
100	3.8	1.7	5.0



#26
 2-Butanone
 Concen: 242.45 ug/l
 RT: 6.91 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.9	18.8	28.2





#27

2,2-Dichloropropane

Concen: 5.94 ug/l

RT: 6.92 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampled :

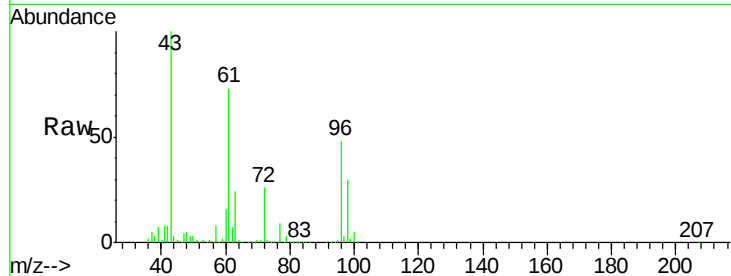
S39-0095MSD

Tot Ion: 77 Resp: 83297

Ion Ratio Lower Upper

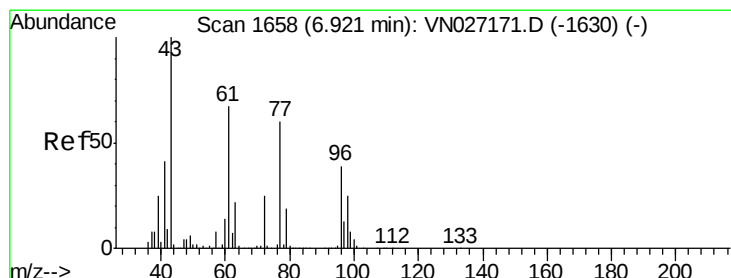
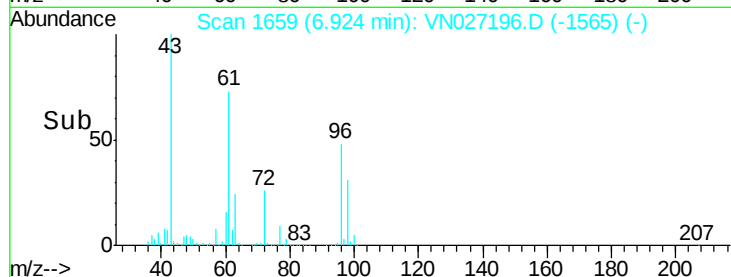
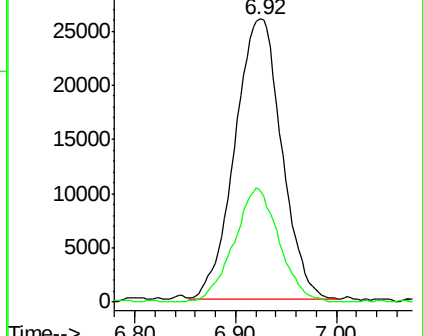
77 100

97 39.3 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: 51.90 ug/l

RT: 6.92 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

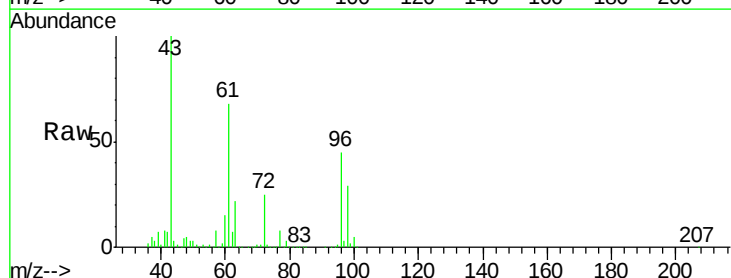
Tgt Ion: 96 Resp: 422899

Ion Ratio Lower Upper

96 100

61 152.4 0.0 329.2

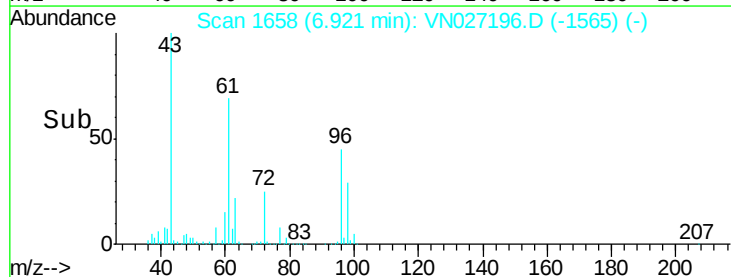
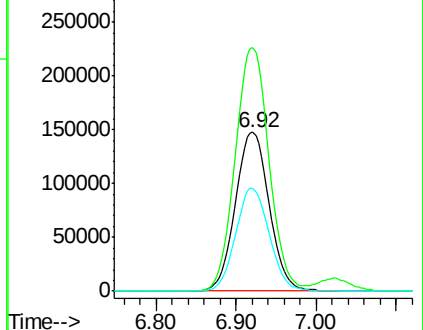
98 64.2 0.0 126.0

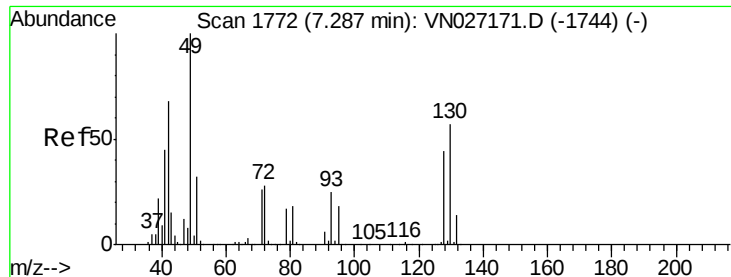


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#29

Bromochloromethane

Concen: 56.99 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MSD

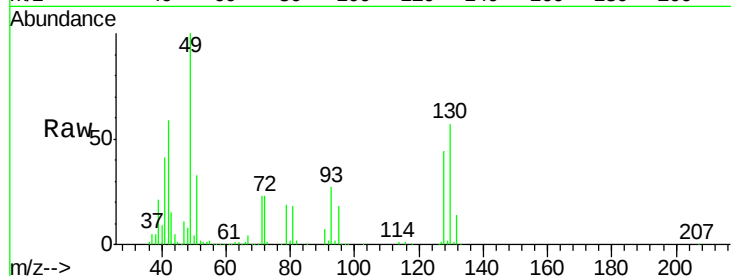
Tot Ion: 49 Resp: 357674

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

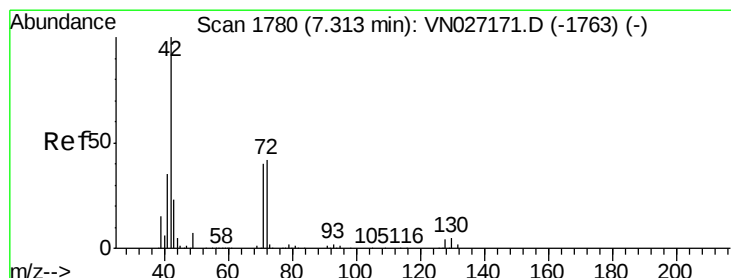
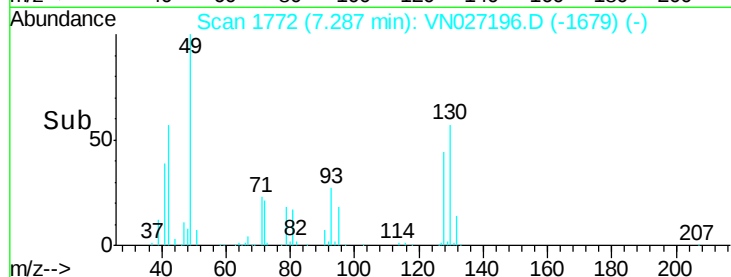
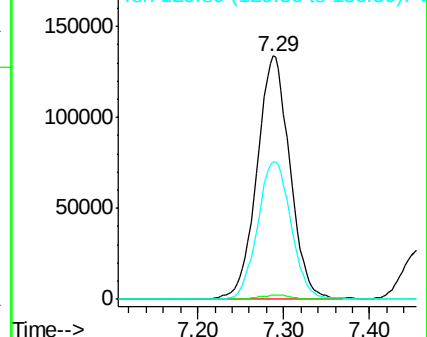
130 57.4 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VNO

Ion 128.80 (128.50 to 129.50): VNO

Ion 129.80 (129.50 to 130.50): VNO



#30

Tetrahydrofuran

Concen: 230.38 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

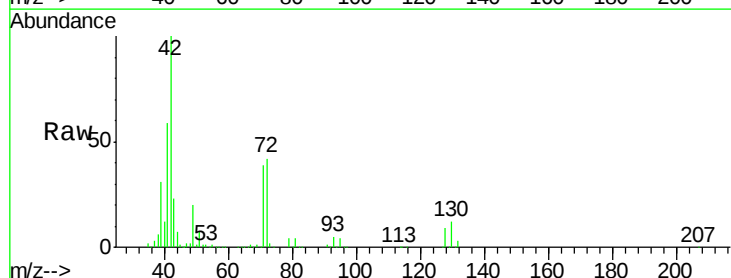
Tgt Ion: 42 Resp: 675694

Ion Ratio Lower Upper

42 100

72 41.9 29.9 44.9

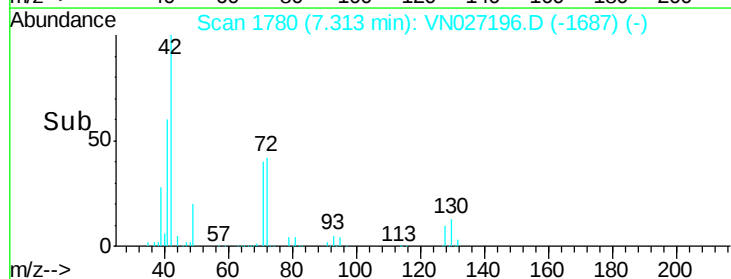
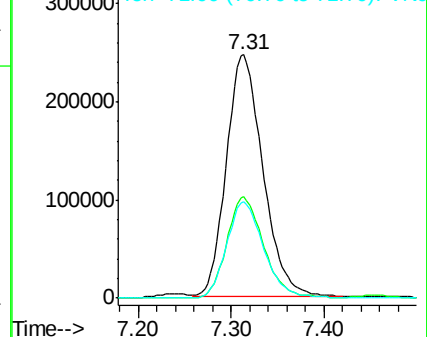
71 40.2 28.3 42.5

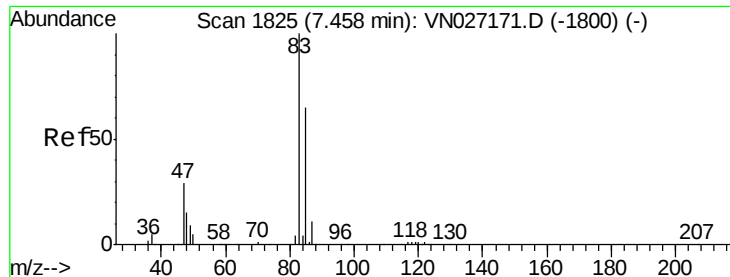


Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO

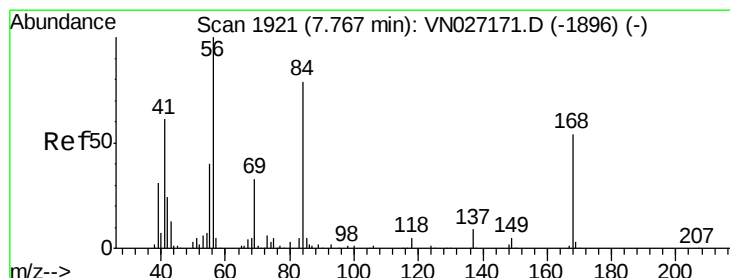
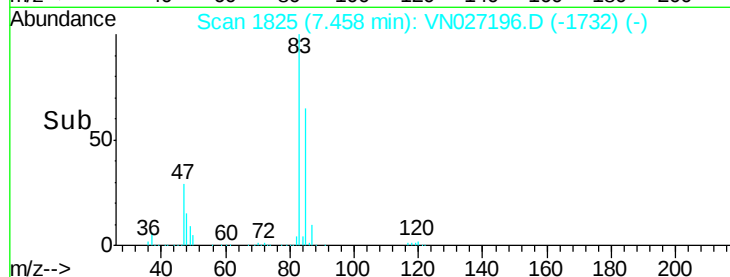
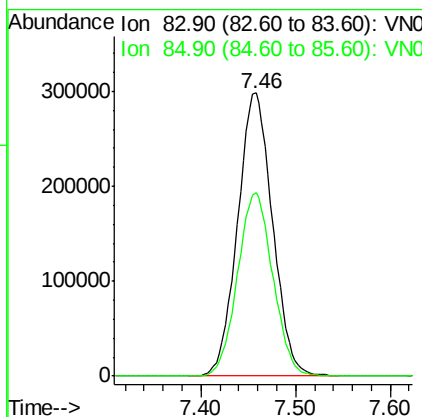
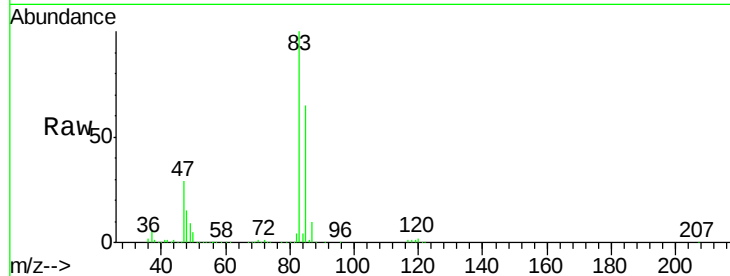




#31
Chloroform
Concen: 52.27 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

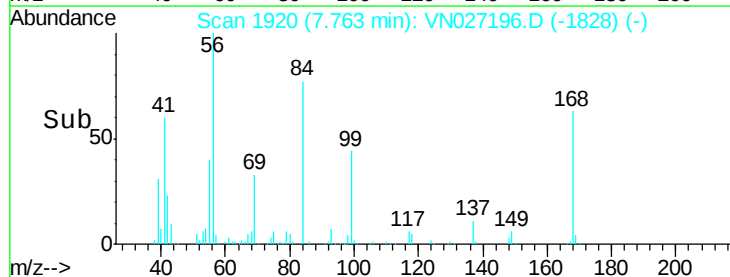
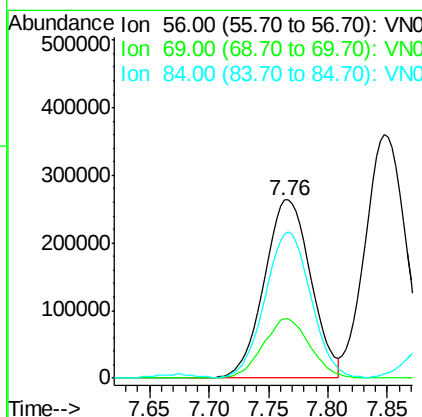
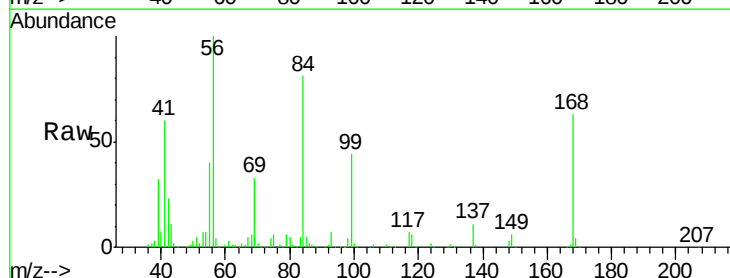
Instrument :
MSVOA_N
ClientSampled :
S39-0095MSD

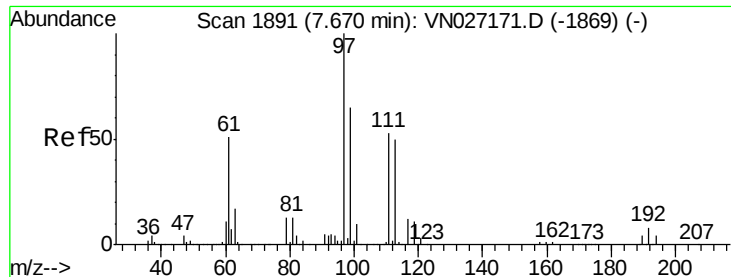
Tot Ion: 83 Resp: 763751
Ion Ratio Lower Upper
83 100
85 65.0 51.1 76.7



#32
Cyclohexane
Concen: 49.64 ug/l
RT: 7.76 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion: 56 Resp: 714728
Ion Ratio Lower Upper
56 100
69 33.3 23.0 34.4
84 79.3 57.8 86.8

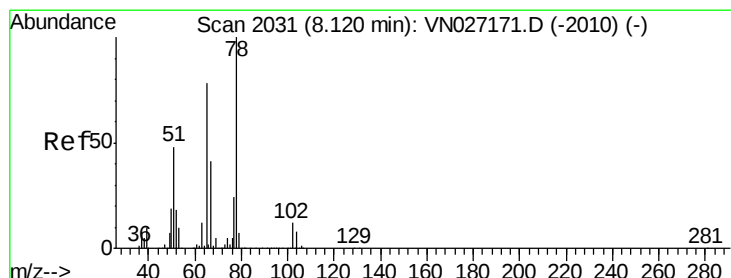
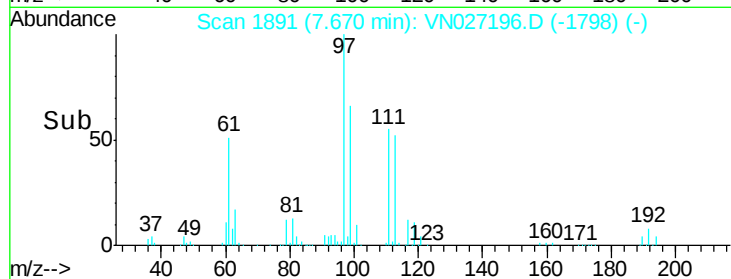
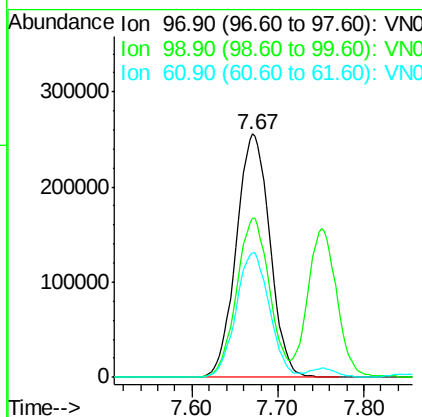
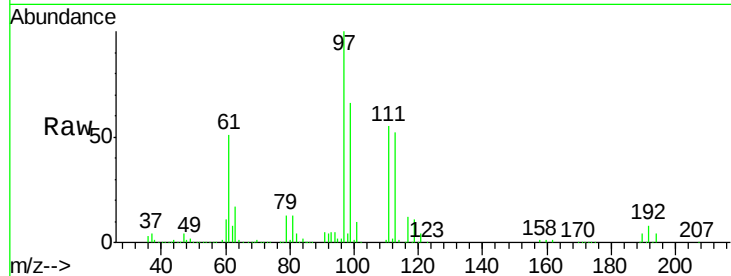




#33
 1,1,1-Trichloroethane
 Concen: 53.29 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

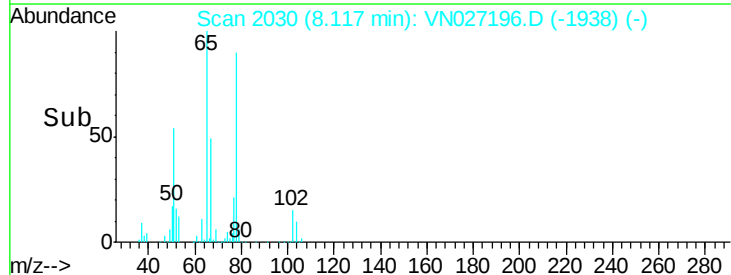
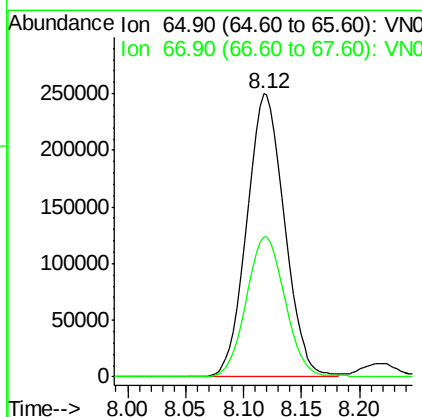
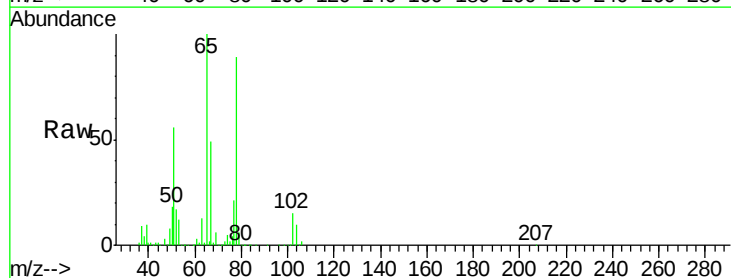
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

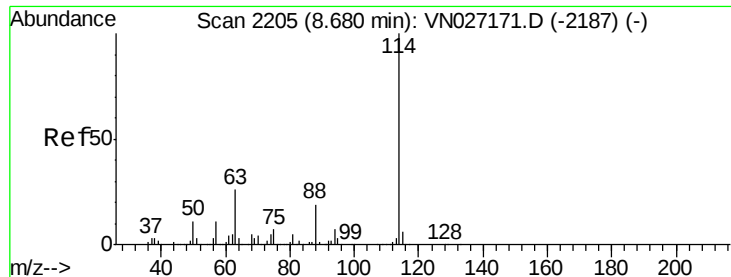
Tot Ion: 97 Resp: 694203
 Ion Ratio Lower Upper
 97 100
 99 64.4 50.1 75.1
 61 50.9 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 54.09 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion: 65 Resp: 566926
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 110.6

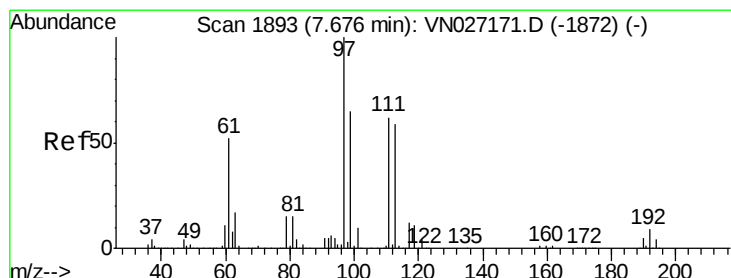
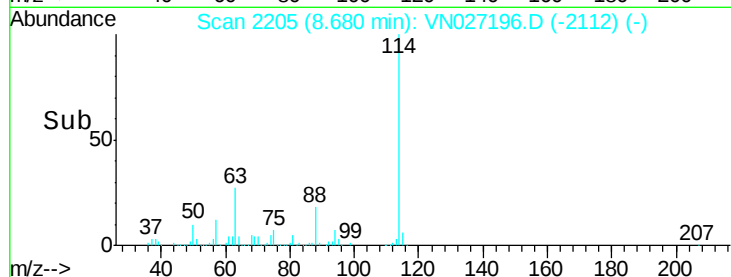
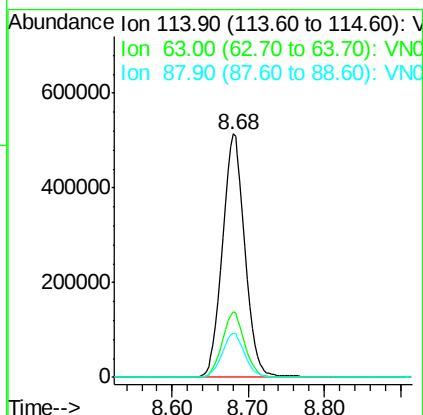
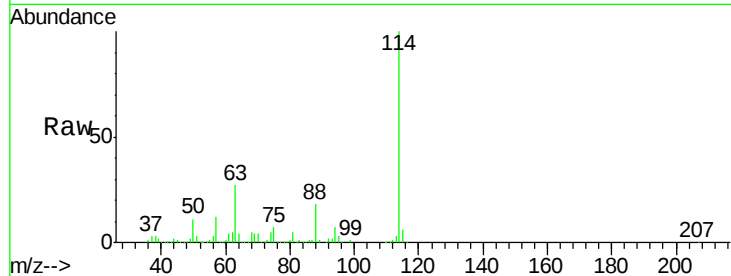




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

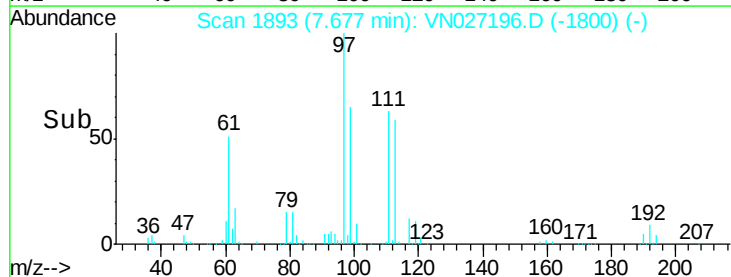
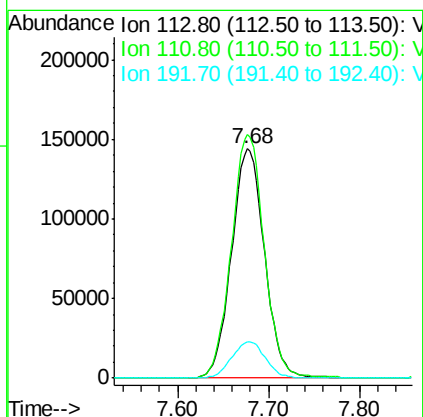
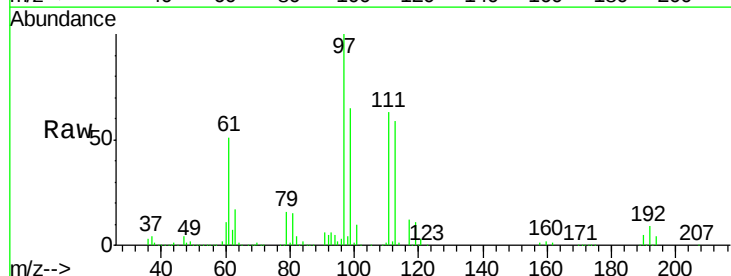
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

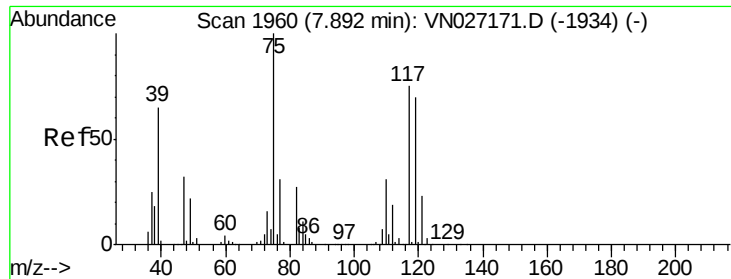
Tot Ion:114 Resp: 1060261
 Ion Ratio Lower Upper
 114 100
 63 26.7 0.0 48.8
 88 18.3 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 49.37 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion:113 Resp: 362839
 Ion Ratio Lower Upper
 113 100
 111 106.0 83.0 124.4
 192 16.4 14.1 21.1

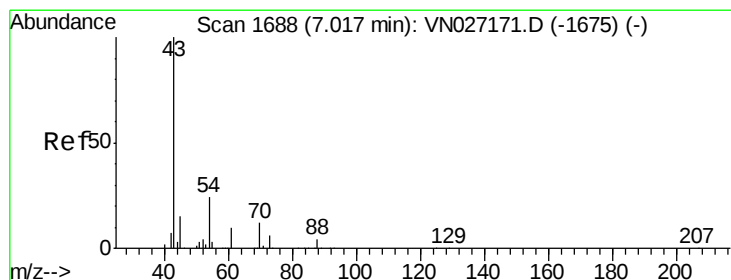
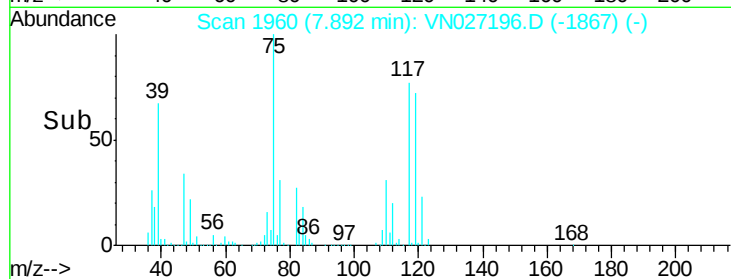
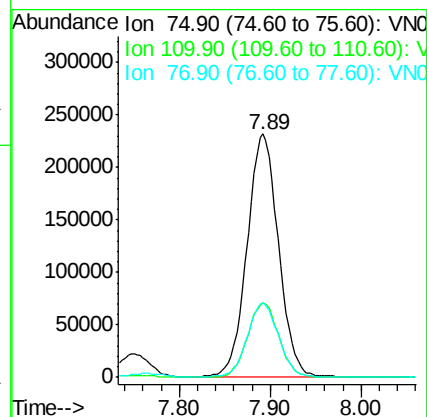
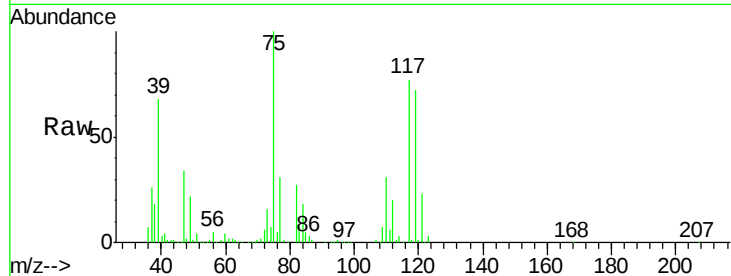




#37
 1,1-Dichloropropene
 Concen: 44.60 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

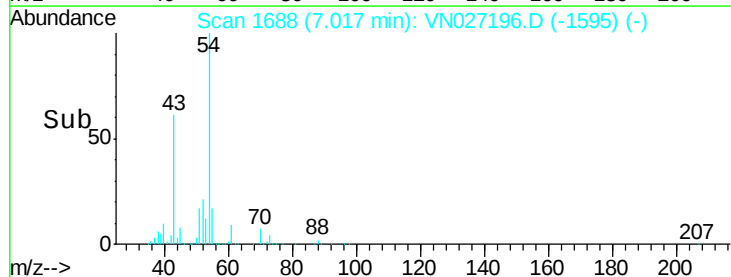
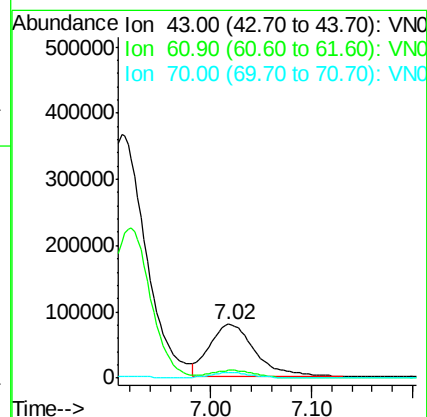
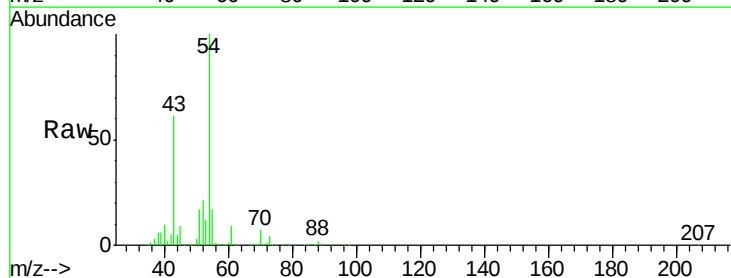
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

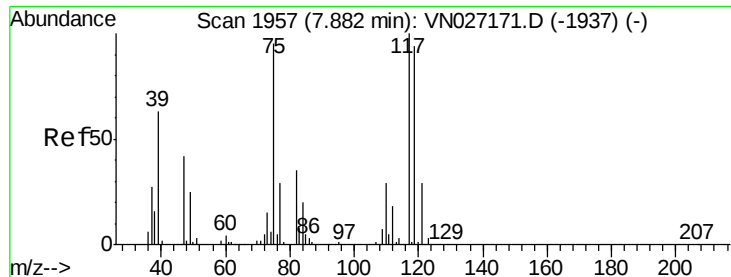
Tot Ion	Ratio	Lower	Upper
75	100		
110	30.6	15.9	47.7
77	30.5	24.9	37.3



#38
 Ethyl Acetate
 Concen: 22.95 ug/l
 RT: 7.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.4
70	9.5	7.4	11.0





#39

Carbon Tetrachloride

Concen: 46.49 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampled :

S39-0095MSD

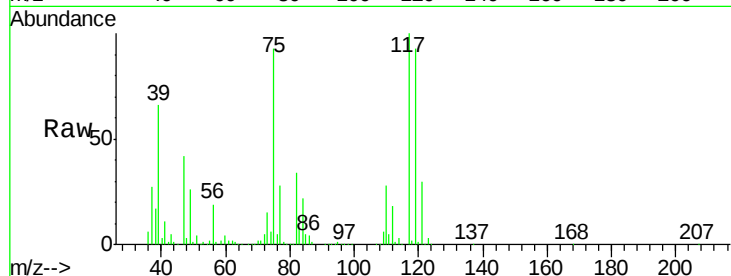
Tot Ion:117 Resp: 542489

Ion Ratio Lower Upper

117 100

119 92.6 75.3 112.9

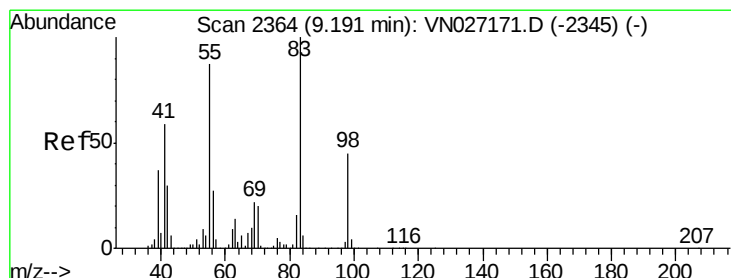
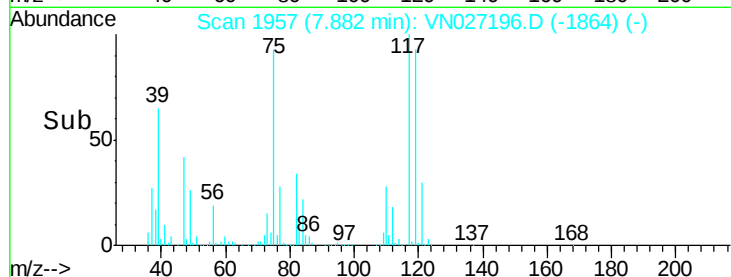
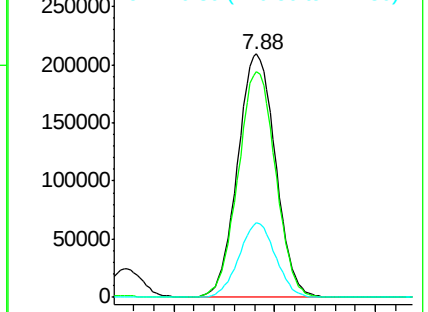
121 30.5 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Methylcyclohexane

Concen: 39.87 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

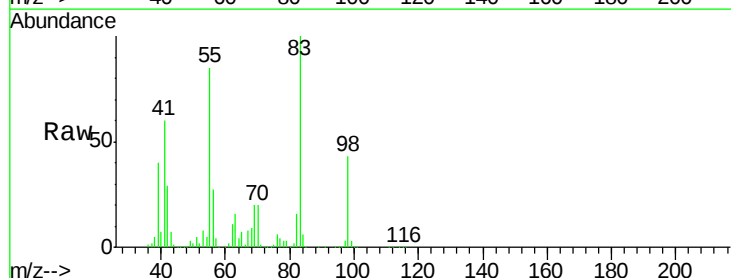
Tgt Ion: 83 Resp: 602626

Ion Ratio Lower Upper

83 100

55 85.0 69.8 104.8

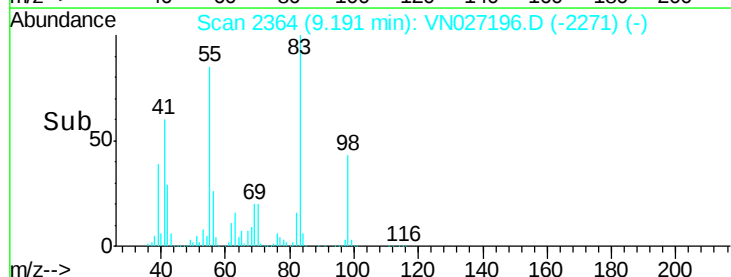
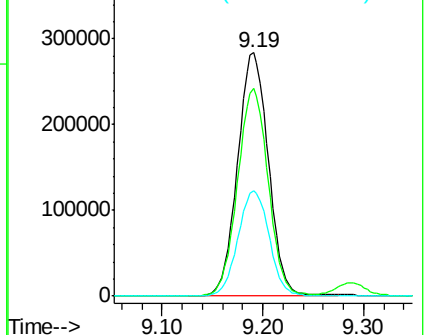
98 43.4 34.3 51.5

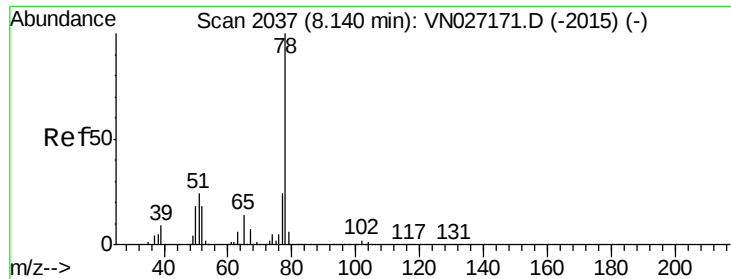


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#41

Benzene

Concen: 46.27 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

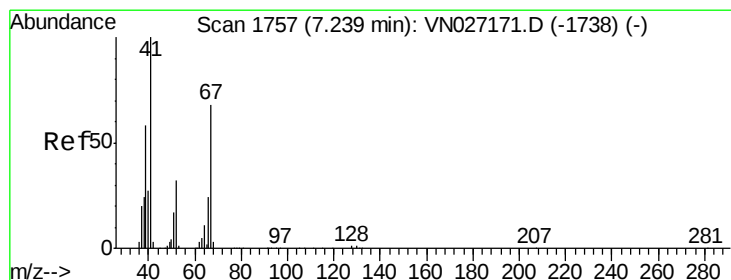
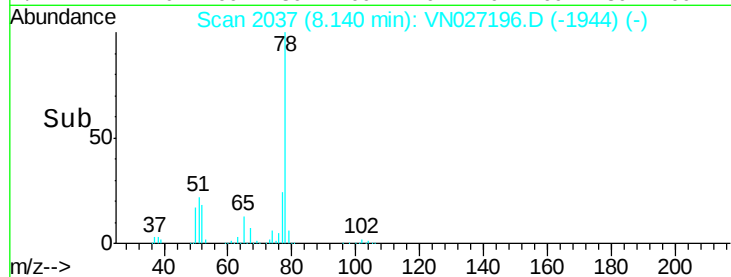
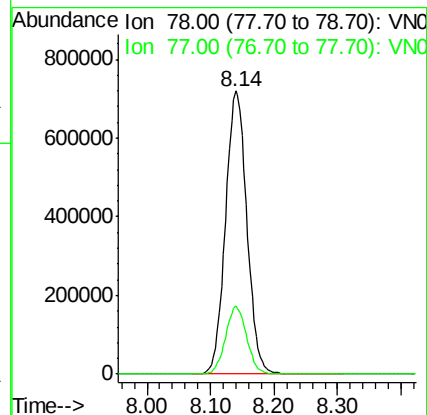
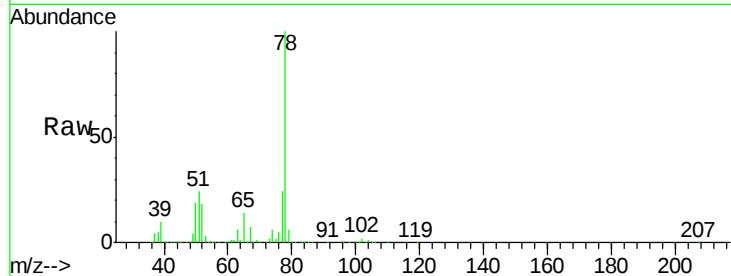
S39-0095MSD

Tot Ion: 78 Resp: 1675585

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4



#42

Methacrylonitrile

Concen: 45.53 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Tgt Ion: 41 Resp: 273190

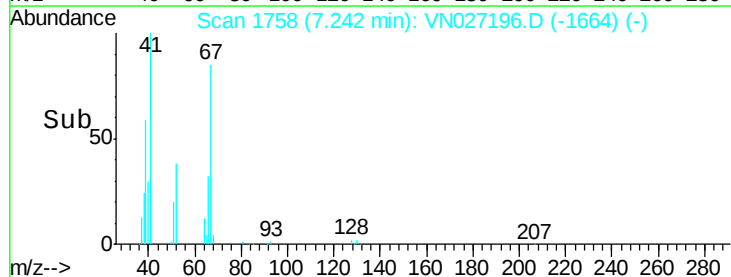
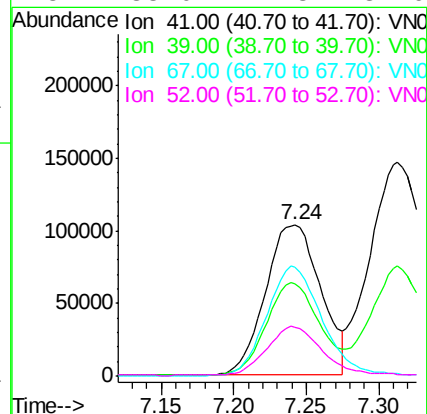
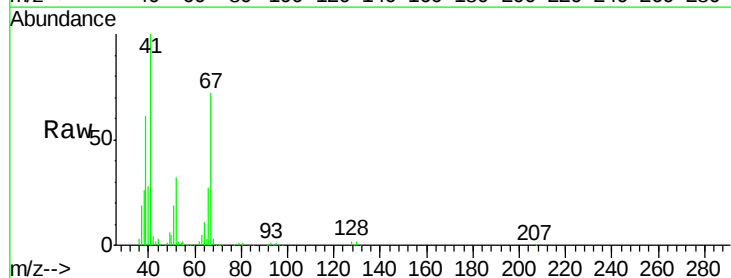
Ion Ratio Lower Upper

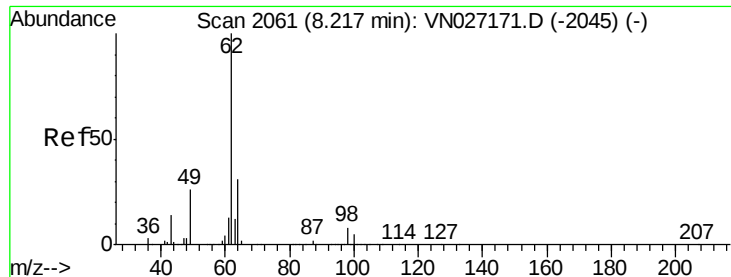
41 100

39 58.8 43.0 64.6

67 73.2 52.2 78.2

52 33.0 21.3 31.9#

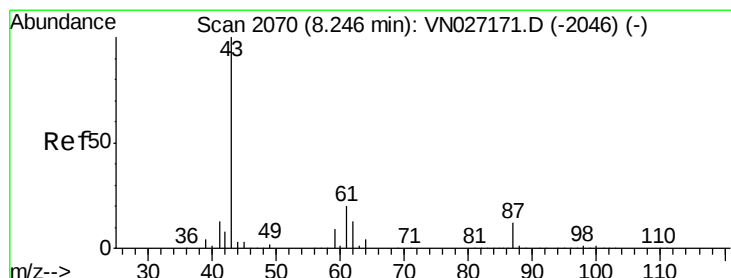
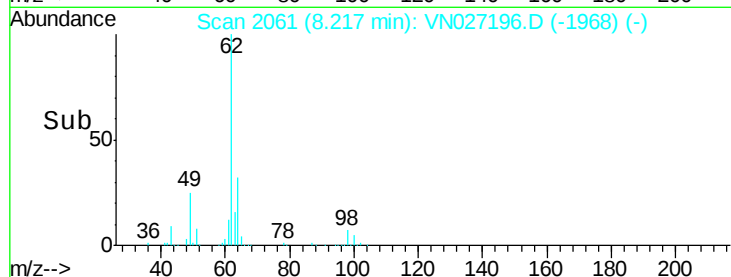
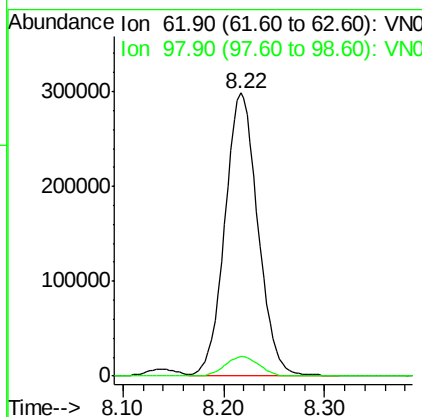
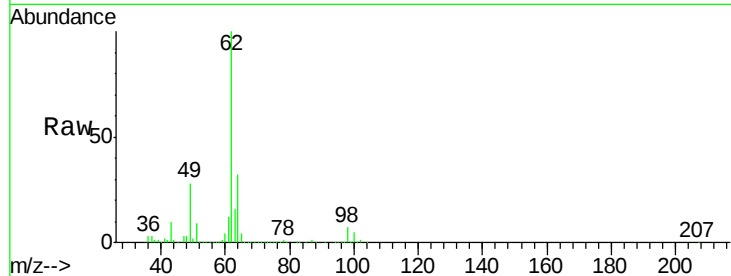




#43
 1,2-Dichloroethane
 Concen: 46.39 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

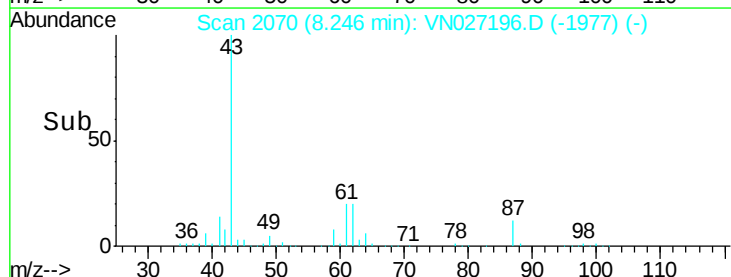
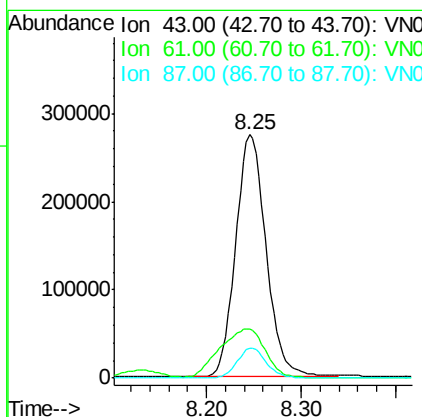
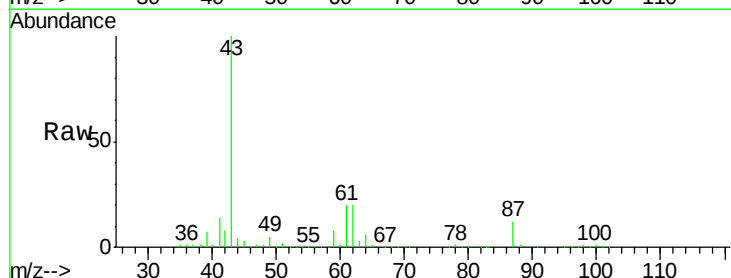
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

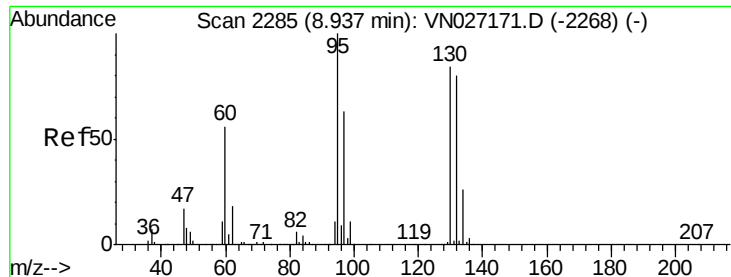
Tot Ion: 62 Resp: 676785
 Ion Ratio Lower Upper
 62 100
 98 7.2 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 31.00 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion: 43 Resp: 614895
 Ion Ratio Lower Upper
 43 100
 61 30.1 20.6 31.0
 87 11.9 8.6 13.0





#45

Trichloroethene

Concen: 50.73 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

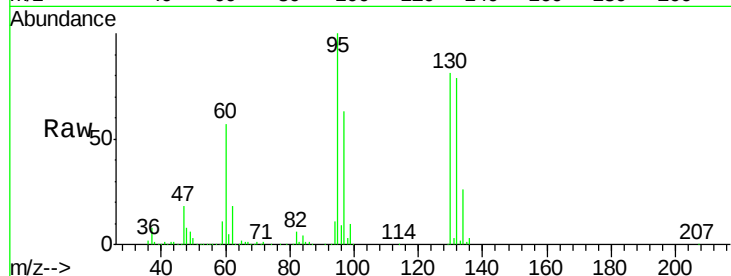
S39-0095MSD

Tot Ion:130 Resp: 369025

Ion Ratio Lower Upper

130 100

95 123.1 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO

250000

200000

150000

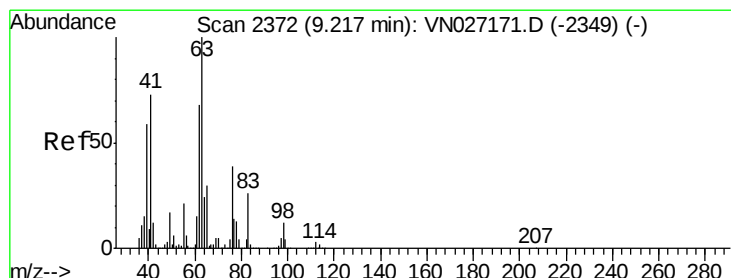
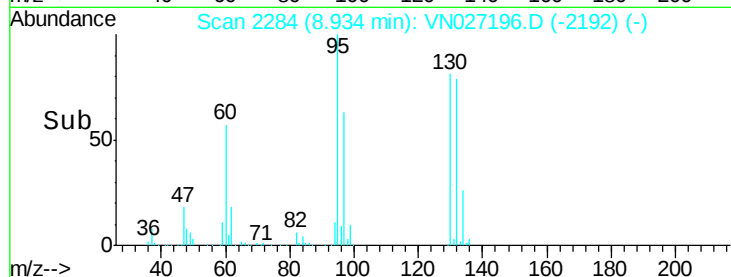
100000

50000

0

8.85 8.90 8.95 9.00

Time-->



#46

1,2-Dichloropropane

Concen: 45.26 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN027196.D

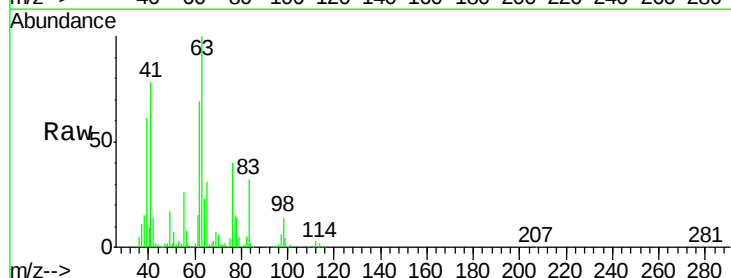
Acq: 16 Sep 2015 7:11

Tgt Ion: 63 Resp: 471513

Ion Ratio Lower Upper

63 100

65 31.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

250000

200000

150000

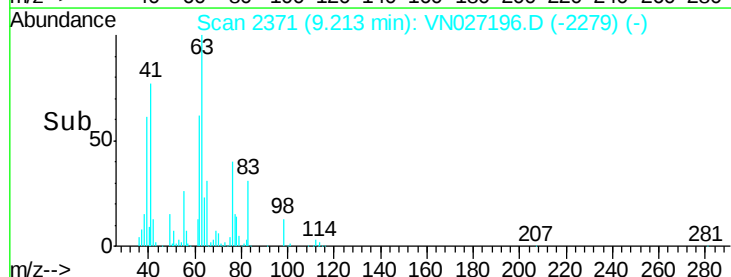
100000

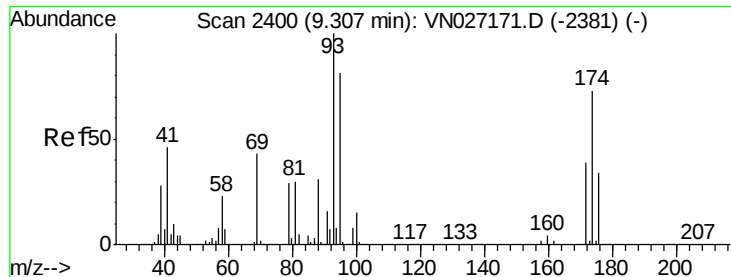
50000

0

9.10 9.20 9.30

Time-->

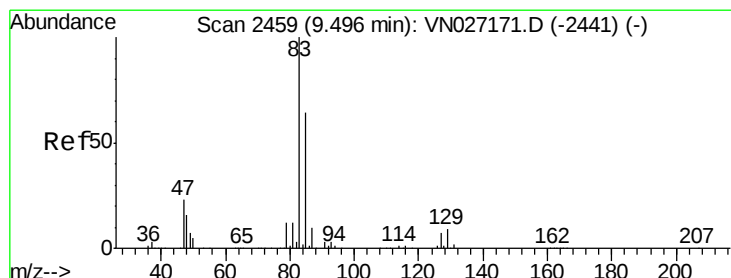
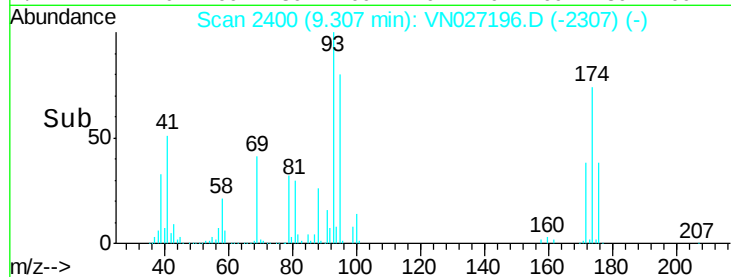
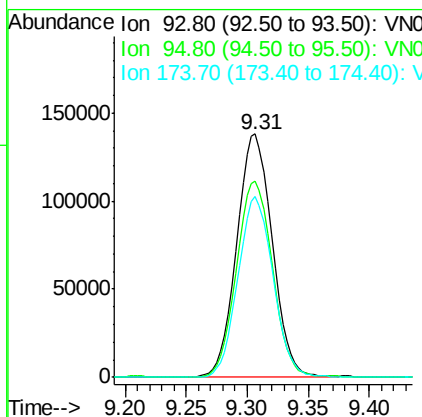
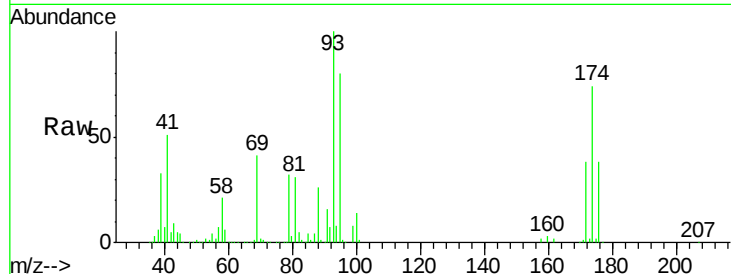




#47
 Dibromomethane
 Concen: 45.61 ug/l
 RT: 9.31 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

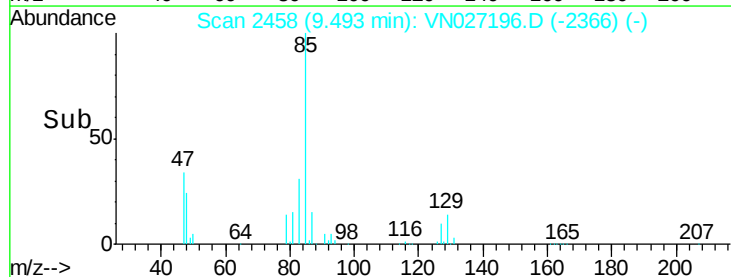
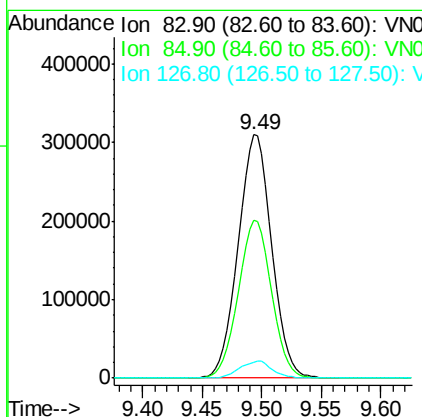
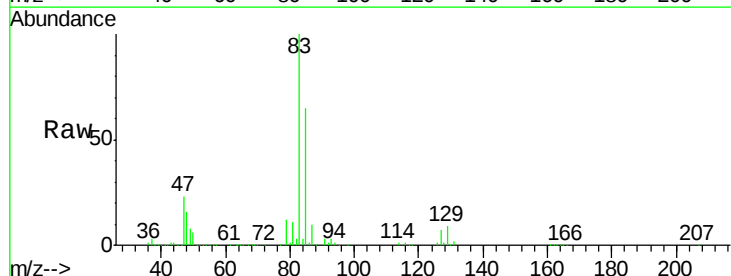
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

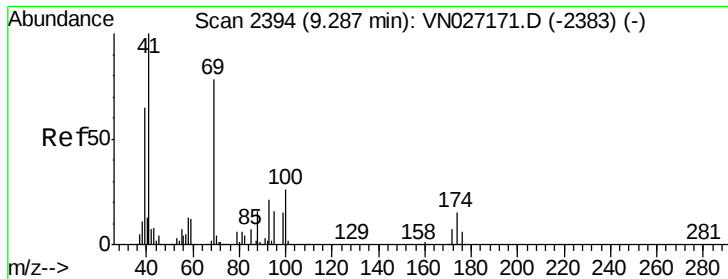
Tot Ion: 93 Resp: 279014
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.3 99.5
 174 73.5 67.8 101.6



#48
 Bromodichloromethane
 Concen: 46.97 ug/l
 RT: 9.49 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion: 83 Resp: 605562
 Ion Ratio Lower Upper
 83 100
 85 64.6 50.7 76.1
 127 6.7 5.5 8.3

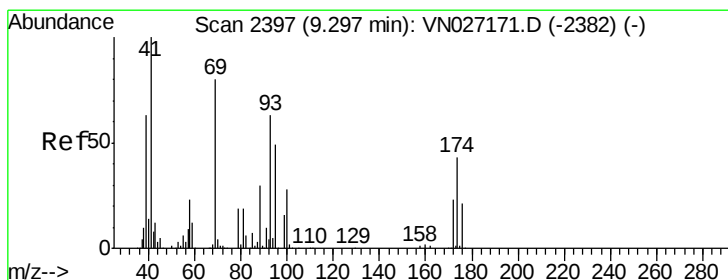
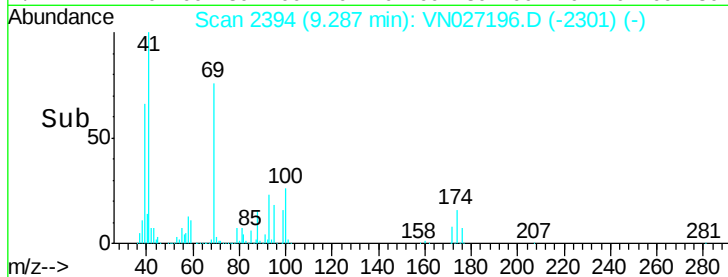
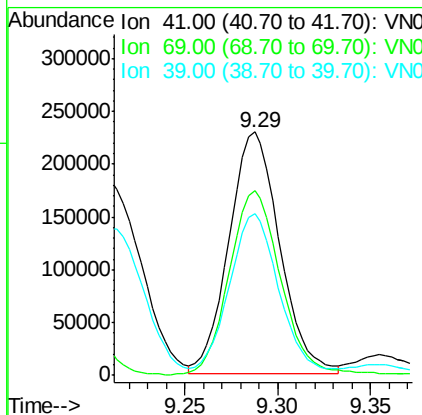
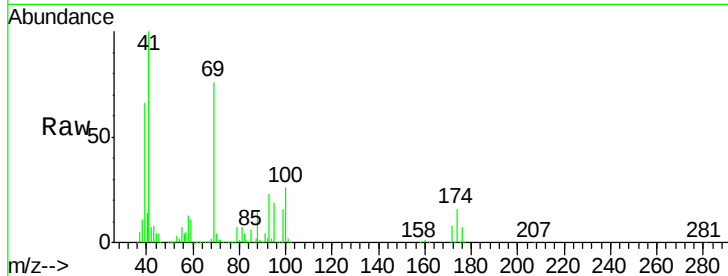




#49
Methvl methacrylate
Concen: 44.19 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

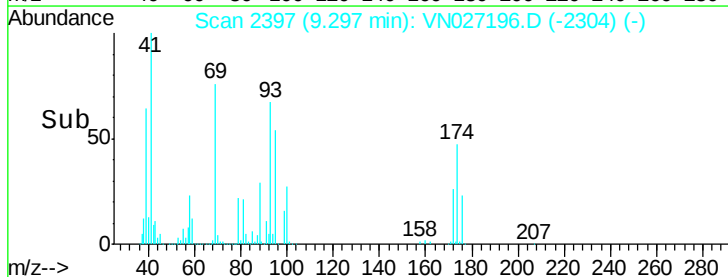
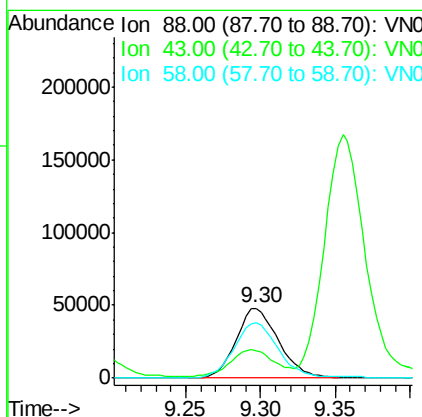
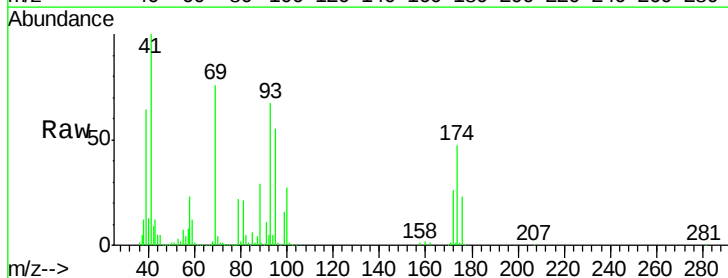
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MSD

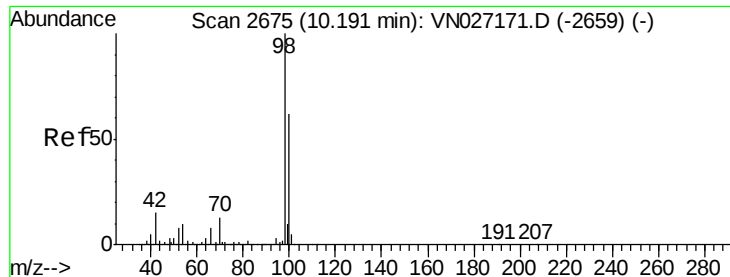
Tot Ion: 41 Resp: 436703
Ion Ratio Lower Upper
41 100
69 77.3 59.3 88.9
39 65.4 39.5 59.3#



#50
1,4-Dioxane
Concen: 820.26 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion: 88 Resp: 95062
Ion Ratio Lower Upper
88 100
43 40.7 27.6 41.4
58 82.8 63.1 94.7





#51

Toluene-d8

Concen: 48.04 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

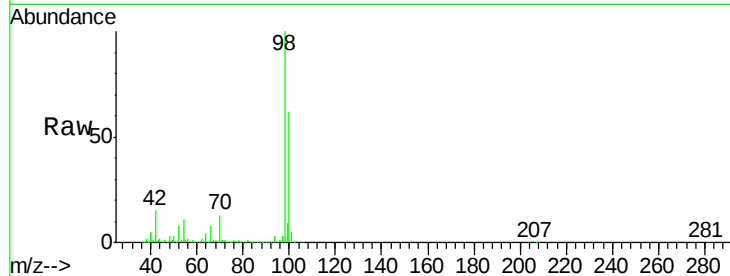
S39-0095MSD

Tot Ion: 98 Resp: 1382285

Ion Ratio Lower Upper

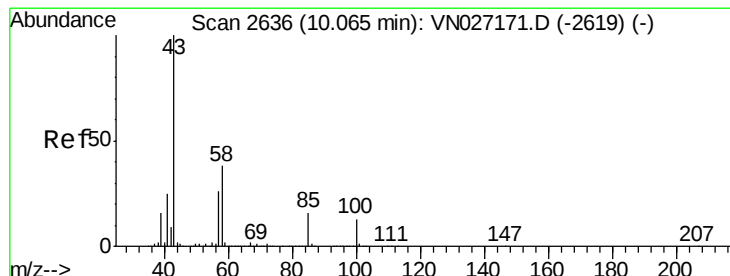
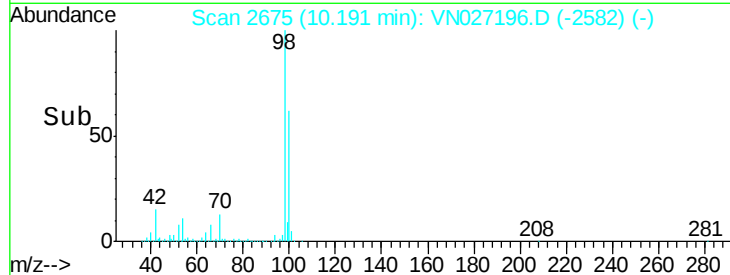
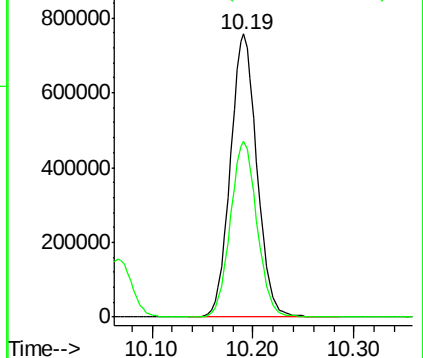
98 100

100 62.3 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

4-Methyl-2-Pentanone

Concen: 219.69 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027196.D

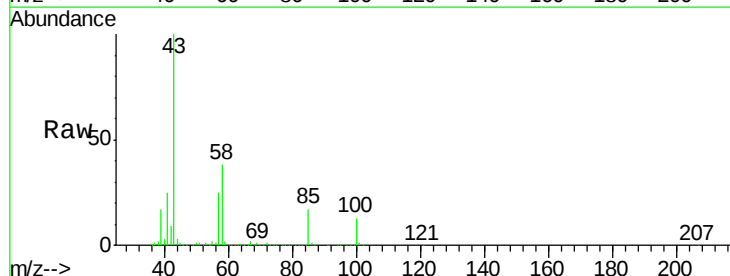
Acq: 16 Sep 2015 7:11

Tgt Ion: 43 Resp: 2303739

Ion Ratio Lower Upper

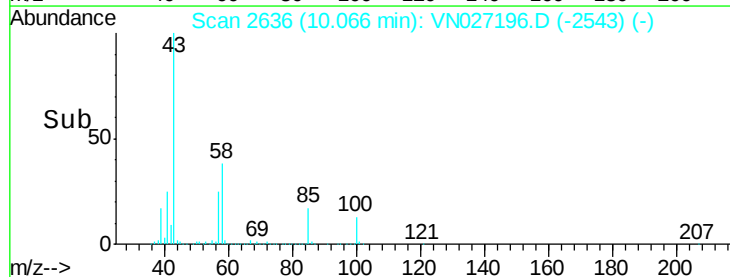
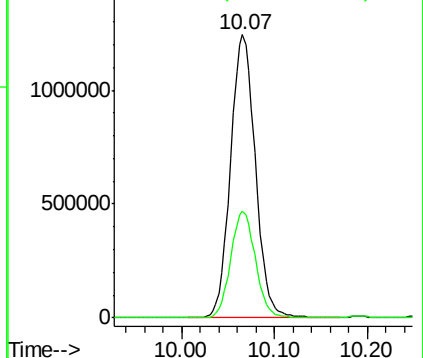
43 100

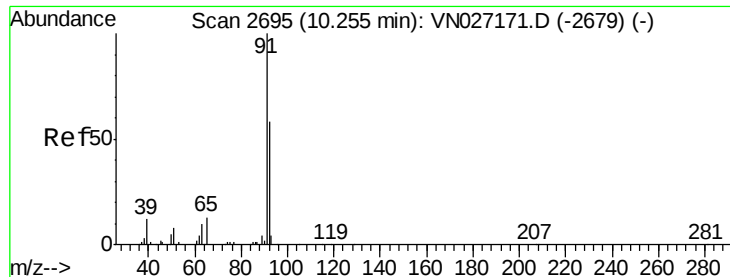
58 37.7 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 45.38 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampled :

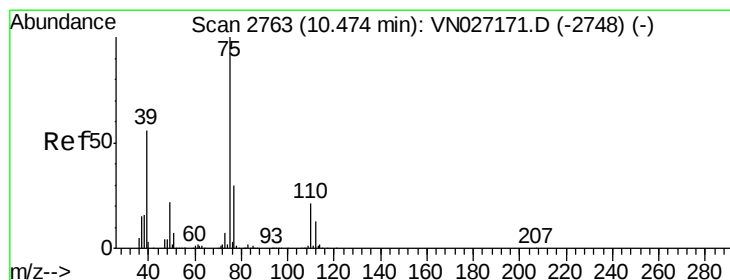
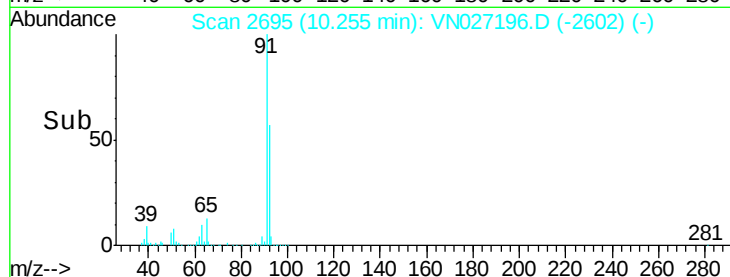
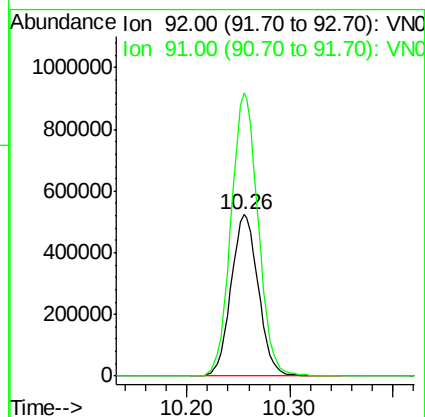
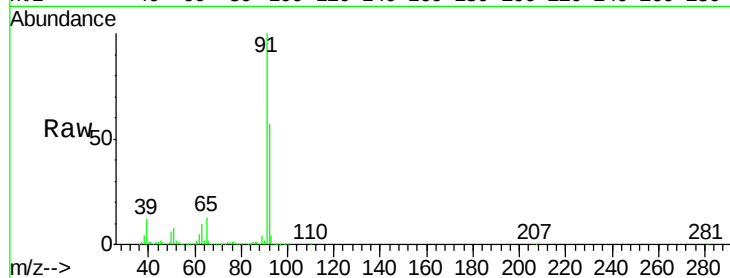
S39-0095MSD

Tot Ion: 92 Resp: 962675

Ion Ratio Lower Upper

92 100

91 174.2 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 31.61 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027196.D

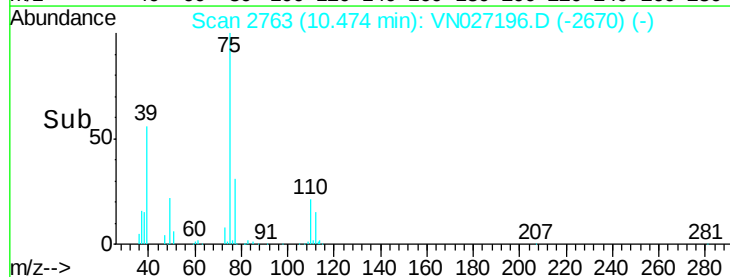
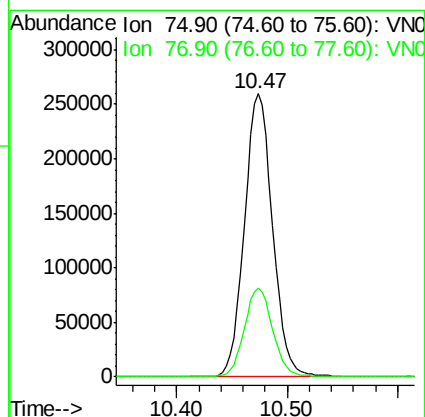
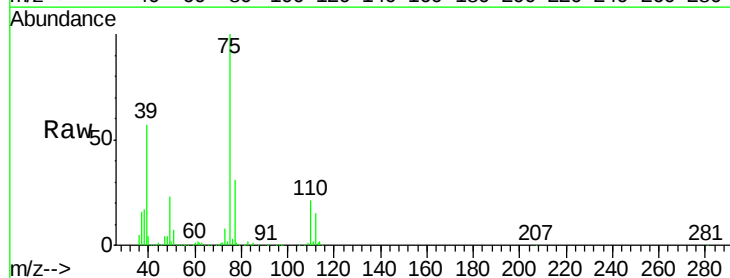
Acq: 16 Sep 2015 7:11

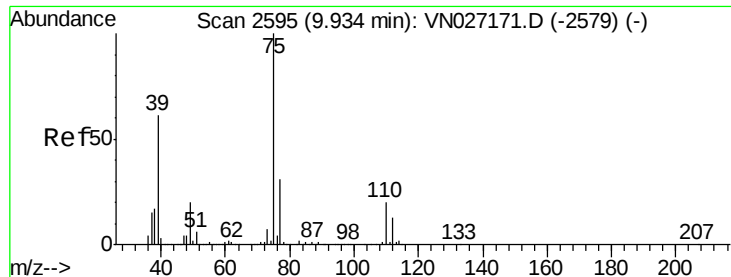
Tgt Ion: 75 Resp: 457667

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 31.85 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MSD

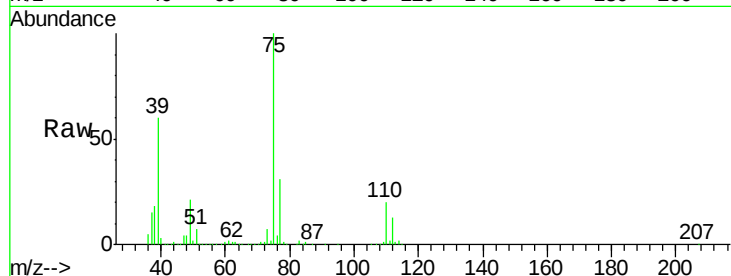
Tot Ion: 75 Resp: 501556

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

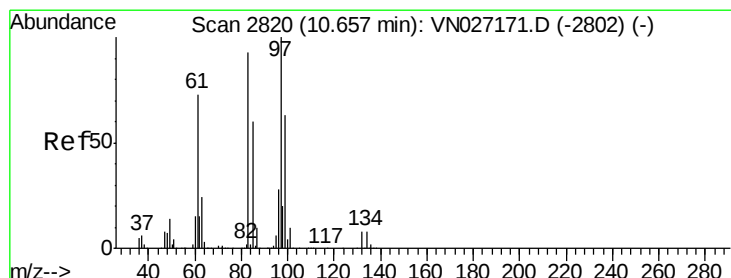
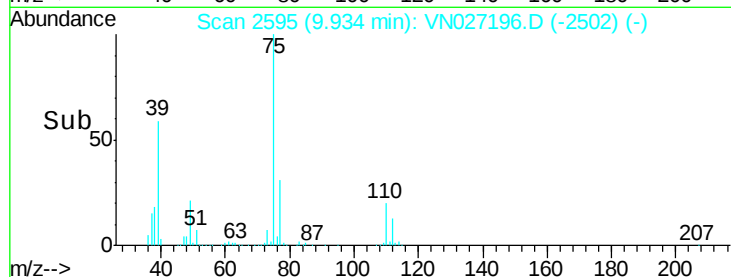
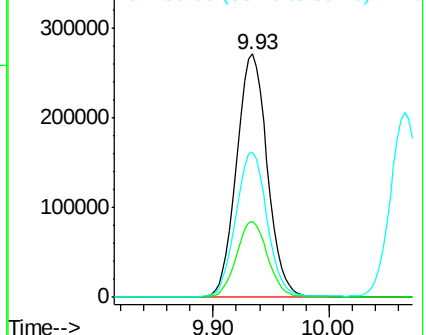
39 59.5 41.6 62.4



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: VN027196.D

Acq: 16 Sep 2015 7:11

Tgt Ion: 97 Resp: 372369

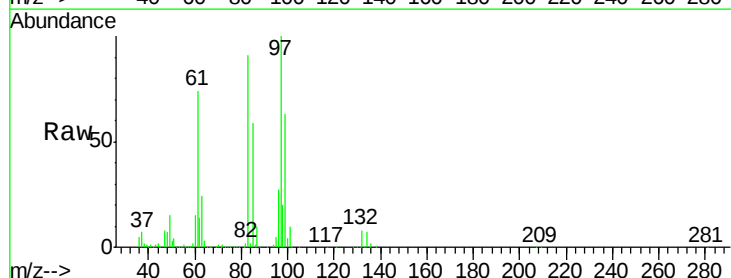
Ion Ratio Lower Upper

97 100

83 90.8 75.0 112.4

85 58.7 48.0 72.0

99 63.0 50.3 75.5

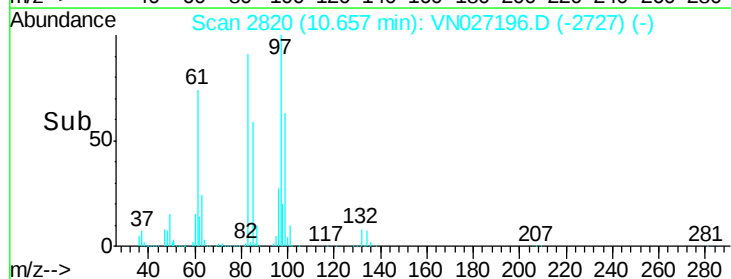
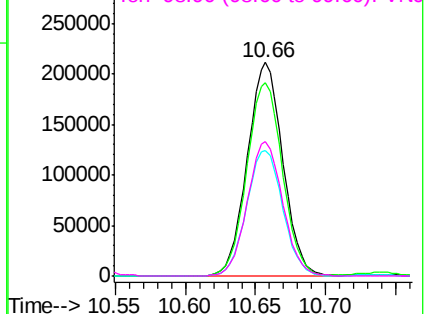


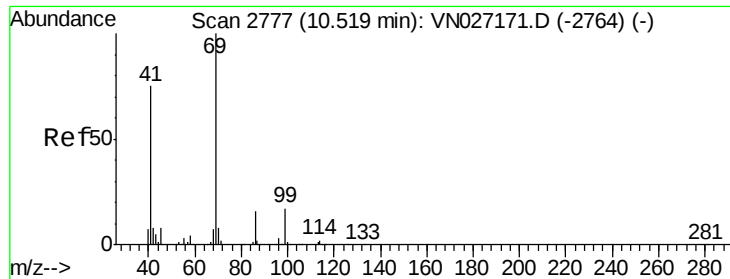
Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 44.68 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampled :

S39-0095MSD

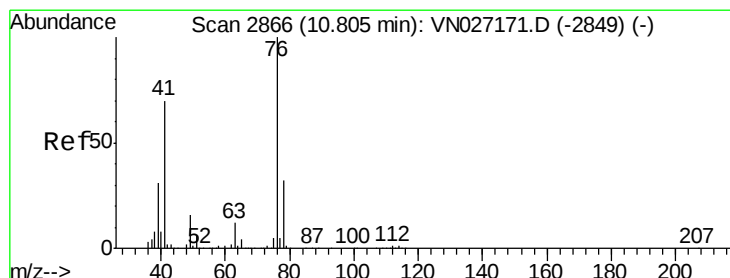
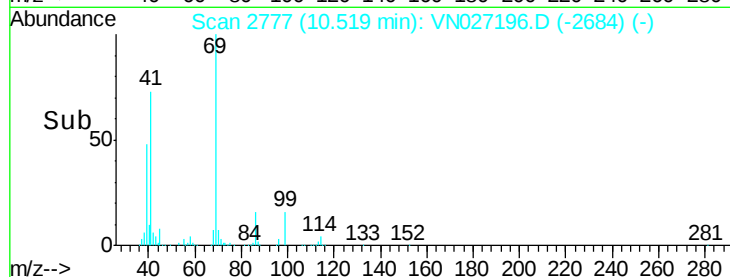
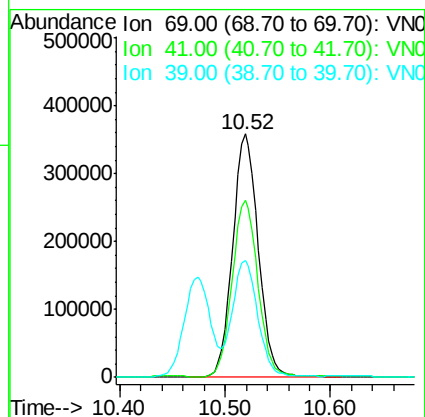
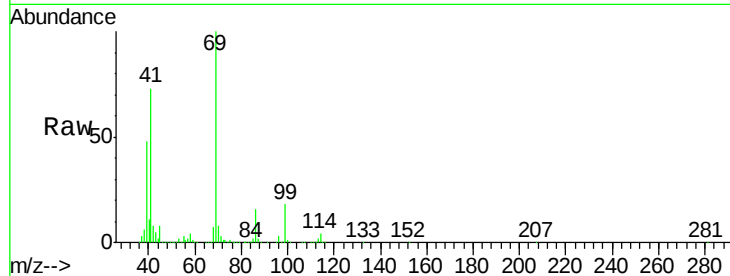
Tot Ion: 69 Resp: 600192

Ion Ratio Lower Upper

69 100

41 72.9 61.3 91.9

39 47.2 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 46.39 ug/l

RT: 10.80 min Scan# 2865

Delta R.T. -0.00 min

Lab File: VN027196.D

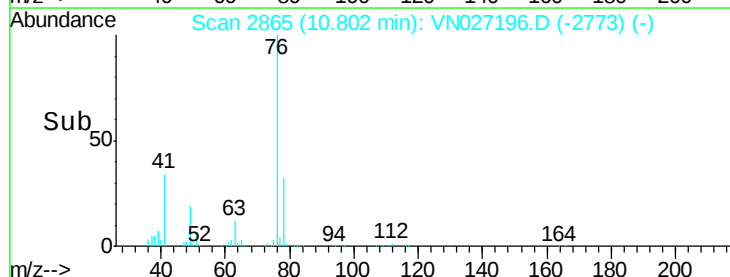
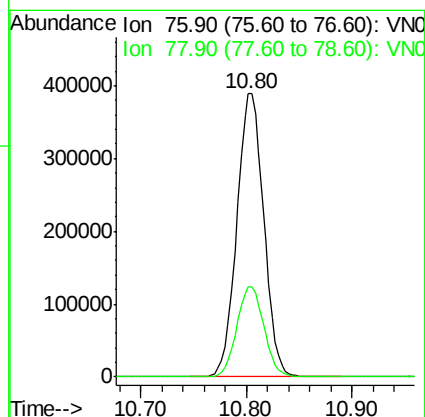
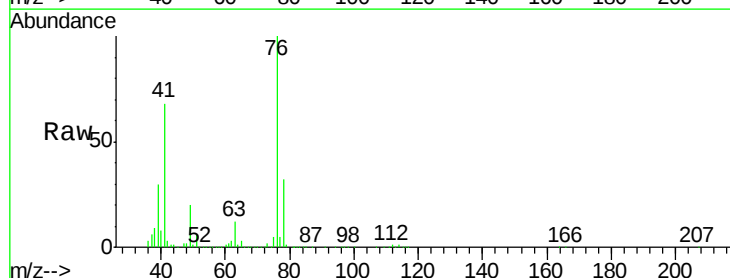
Acq: 16 Sep 2015 7:11

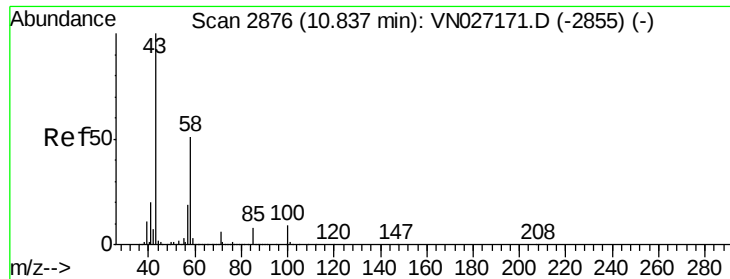
Tgt Ion: 76 Resp: 686544

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6

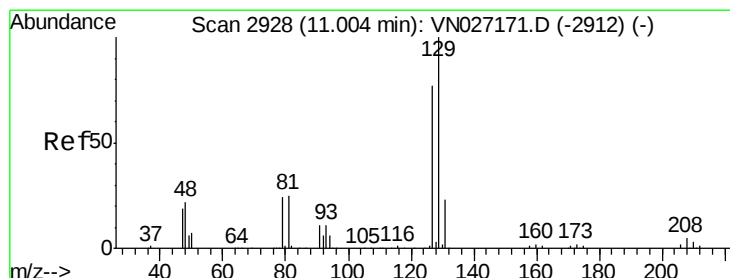
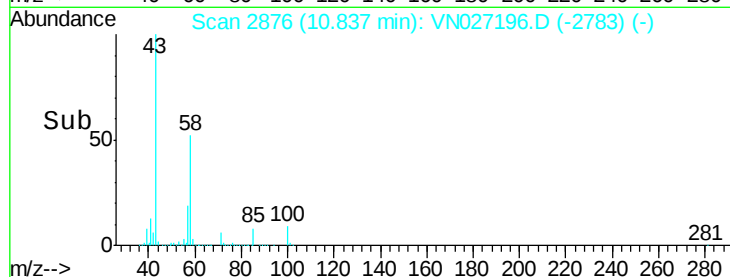
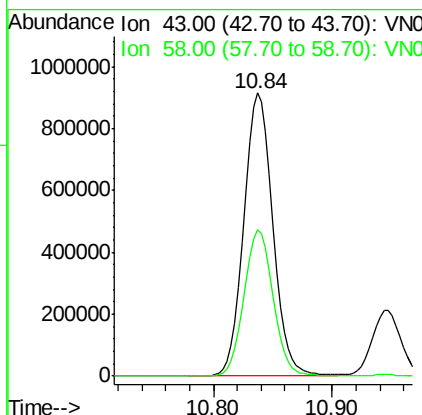
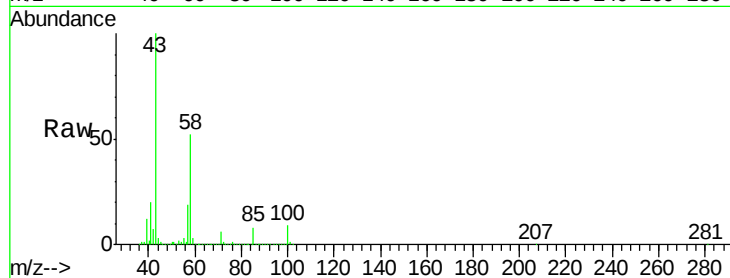




#60
2-Hexanone
Concen: 215.84 ug/l
RT: 10.84 min Scan# 2876
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

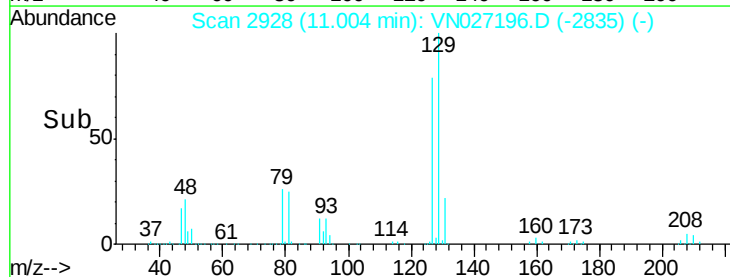
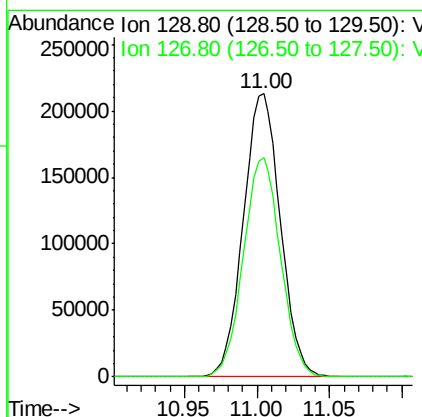
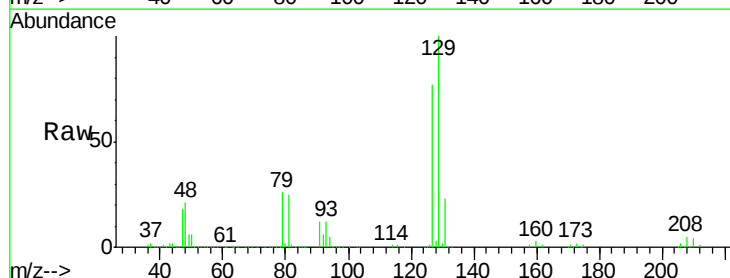
Instrument :
MSVOA_N
ClientSampled :
S39-0095MSD

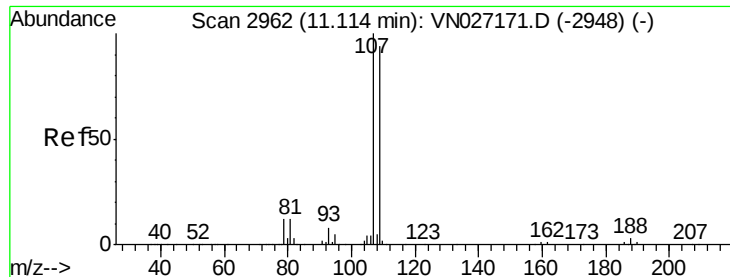
Tot Ion: 43 Resp: 1541008
Ion Ratio Lower Upper
43 100
58 52.1 26.2 78.5



#61
Dibromochloromethane
Concen: 46.56 ug/l
RT: 11.00 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion: 129 Resp: 379074
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#62

1,2-Dibromoethane

Concen: 45.47 ug/l

RT: 11.11 min Scan# 2962

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

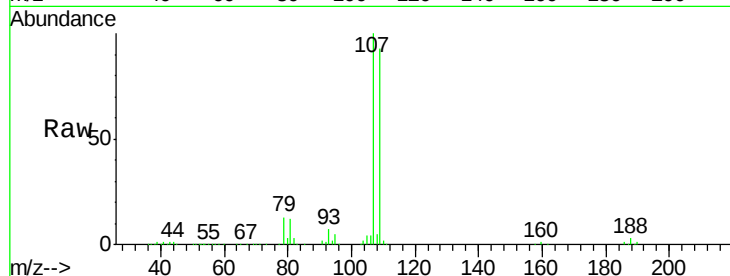
S39-0095MSD

Tot Ion:107 Resp: 356227

Ion Ratio Lower Upper

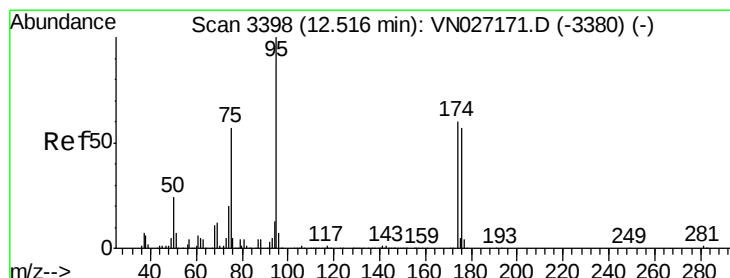
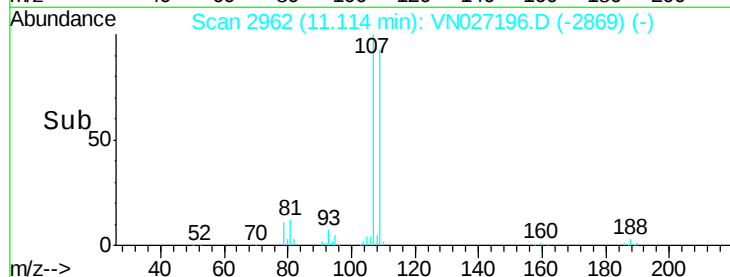
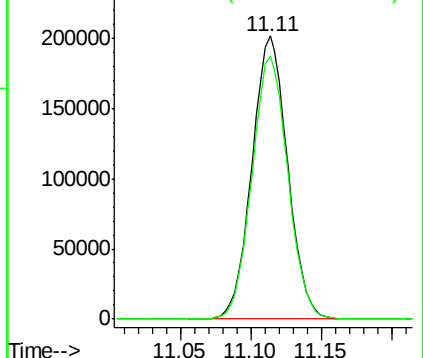
107 100

109 94.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#63

4-Bromofluorobenzene

Concen: 47.19 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

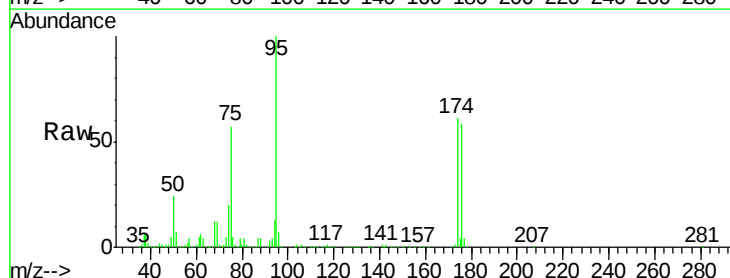
Tgt Ion: 95 Resp: 481965

Ion Ratio Lower Upper

95 100

174 61.8 0.0 137.0

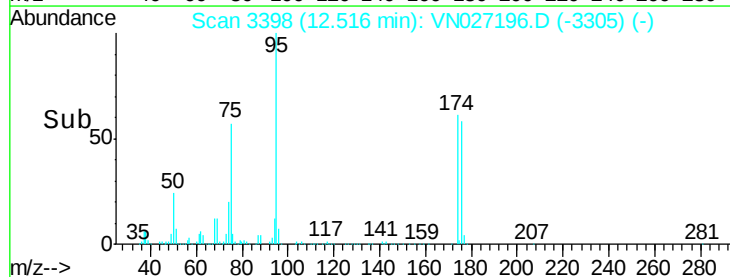
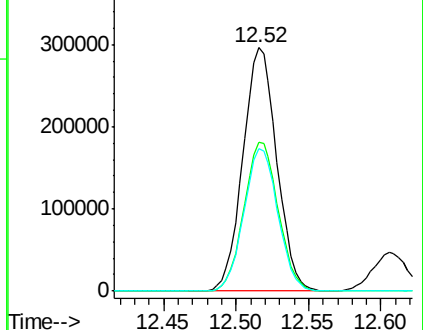
176 58.7 0.0 130.8

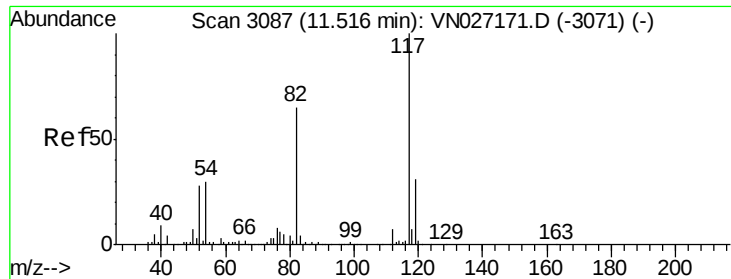


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

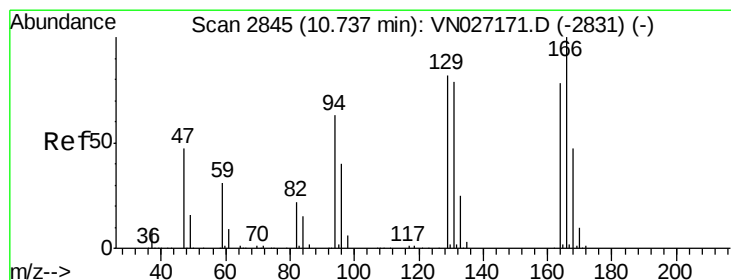
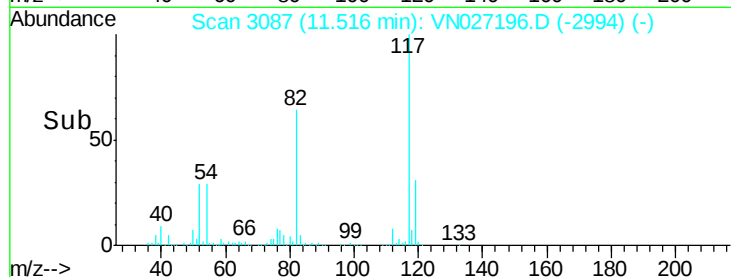
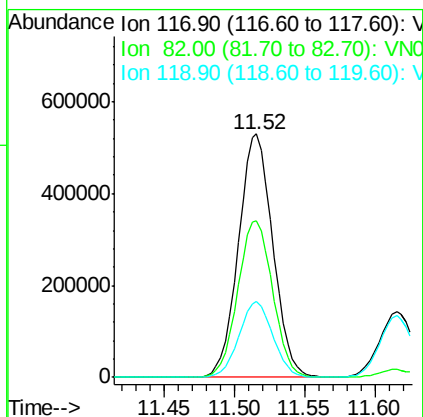
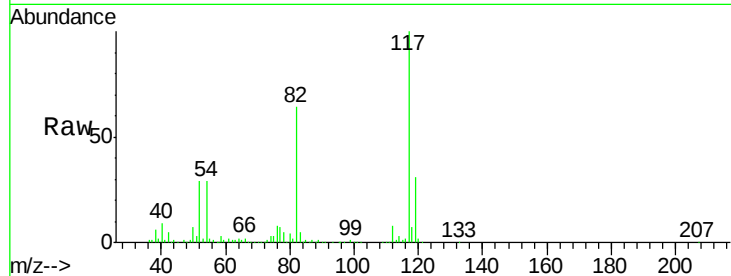




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

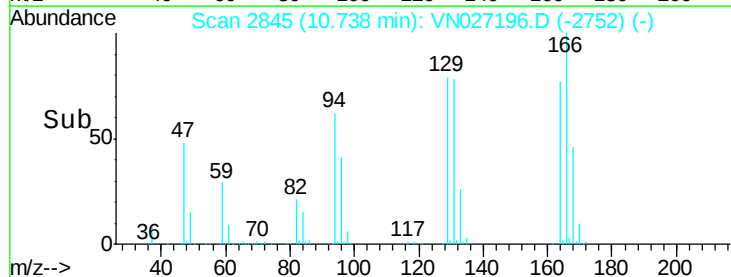
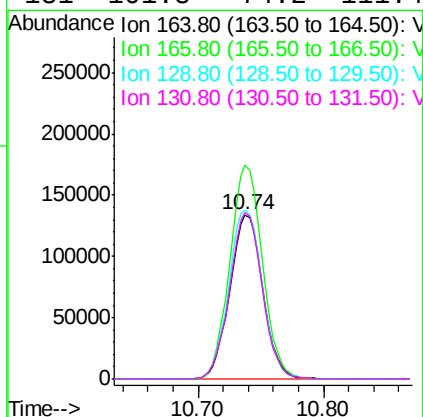
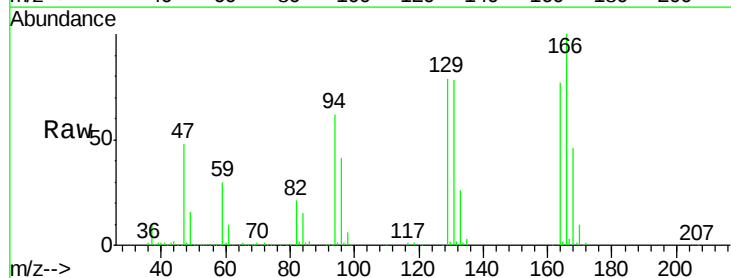
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MSD

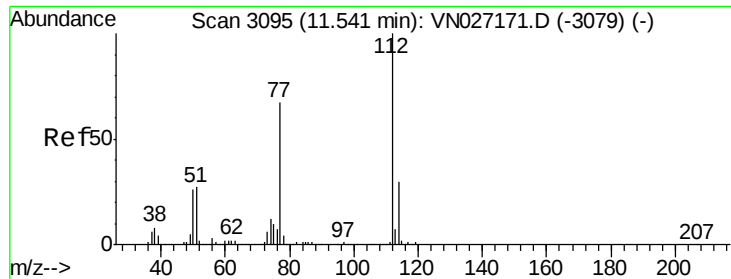
Tot Ion:117 Resp: 905256
Ion Ratio Lower Upper
117 100
82 64.3 49.6 74.4
119 31.0 24.6 36.8



#65
Tetrachloroethene
Concen: 42.29 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion:164 Resp: 244802
Ion Ratio Lower Upper
164 100
166 130.3 103.4 155.0
129 102.8 77.5 116.3
131 101.8 74.2 111.4

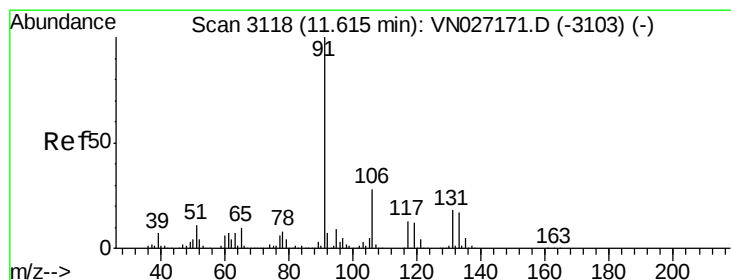
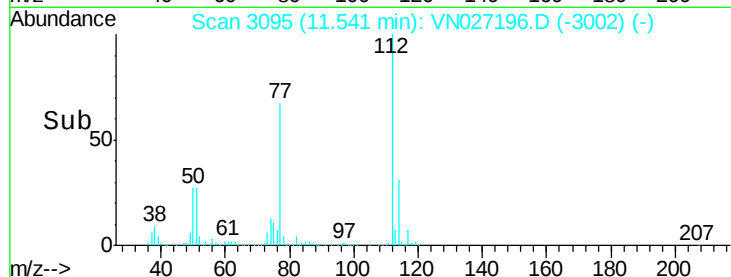
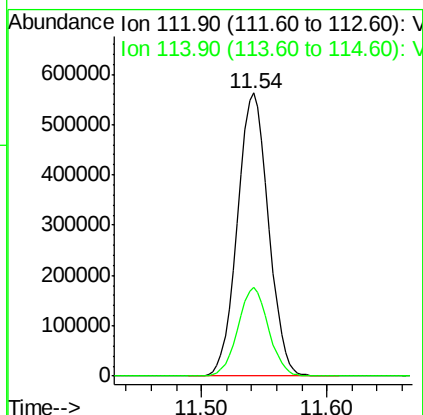
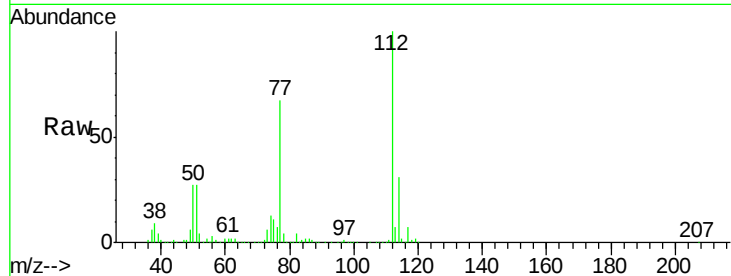




#66
Chlorobenzene
Concen: 45.21 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

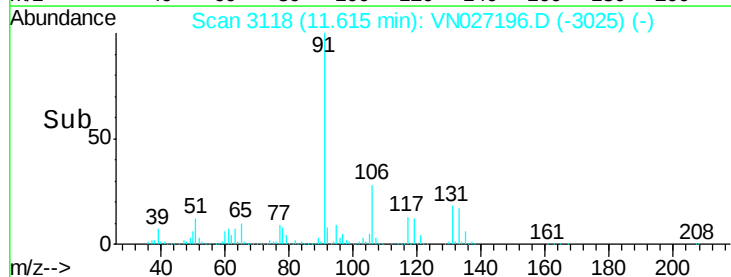
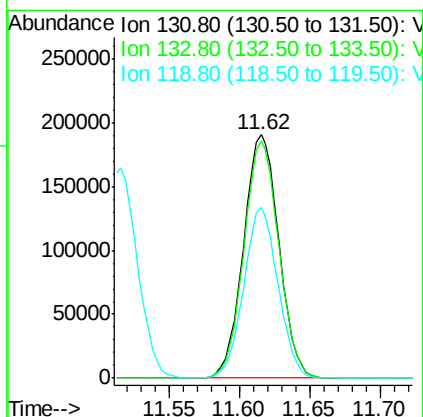
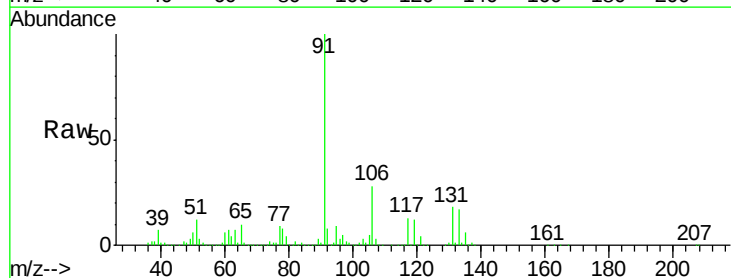
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MSD

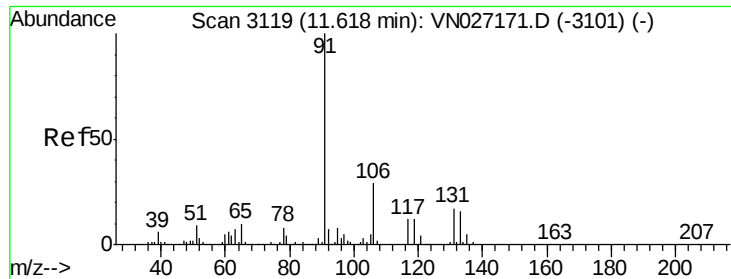
Tot Ion:112 Resp: 966254
Ion Ratio Lower Upper
112 100
114 31.3 24.9 37.3



#67
1,1,1,2-Tetrachloroethane
Concen: 45.92 ug/l
RT: 11.62 min Scan# 3118
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion:131 Resp: 334742
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.2
119 68.0 35.1 105.5





#68

Ethyl Benzene

Concen: 44.69 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

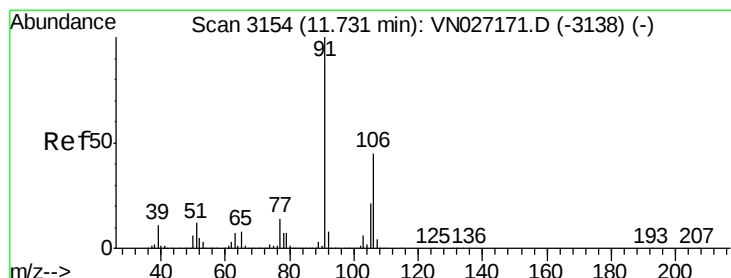
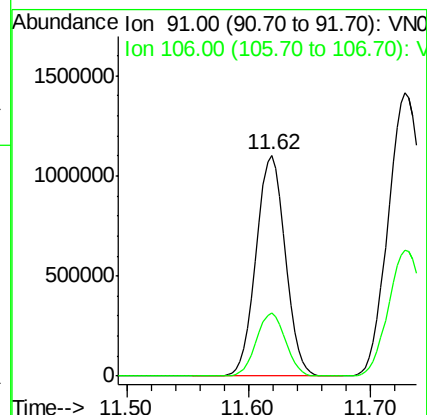
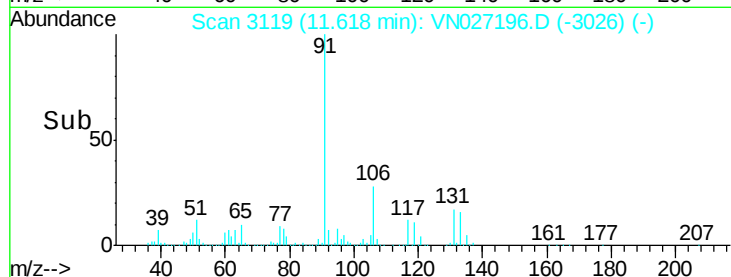
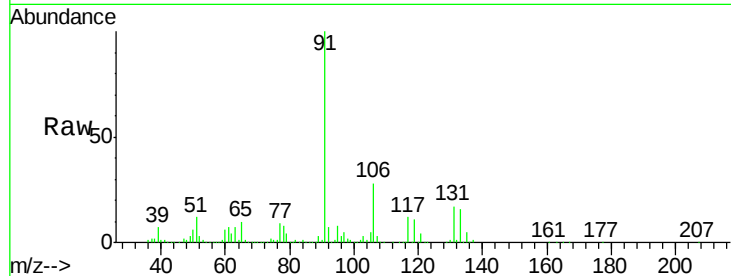
S39-0095MSD

Tot Ion: 91 Resp: 1811087

Ion Ratio Lower Upper

91 100

106 28.5 23.1 34.7



#69

m/p-Xylenes

Concen: 89.14 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VN027196.D

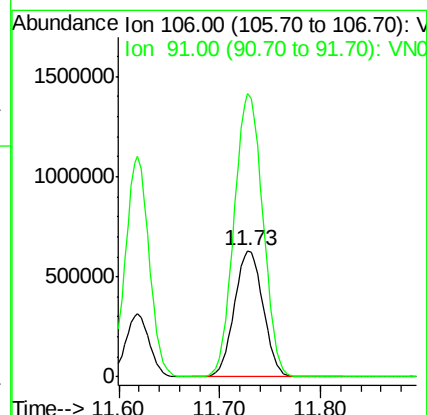
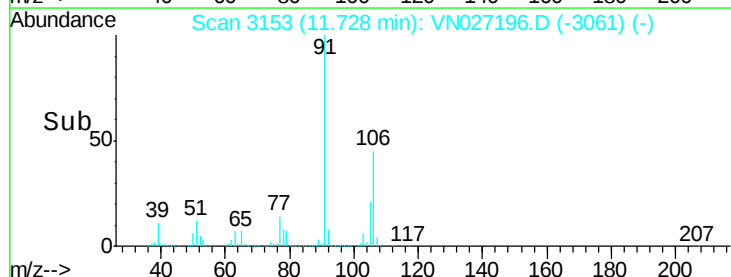
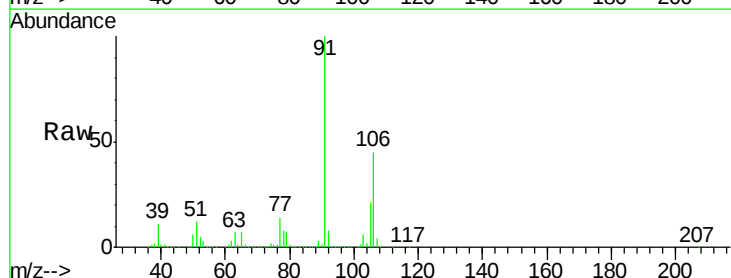
Acq: 16 Sep 2015 7:11

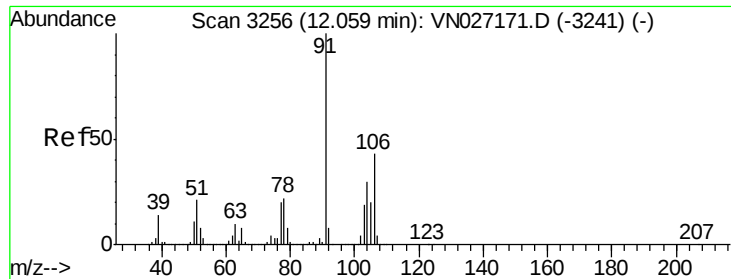
Tgt Ion: 106 Resp: 1246379

Ion Ratio Lower Upper

106 100

91 224.7 167.1 250.7

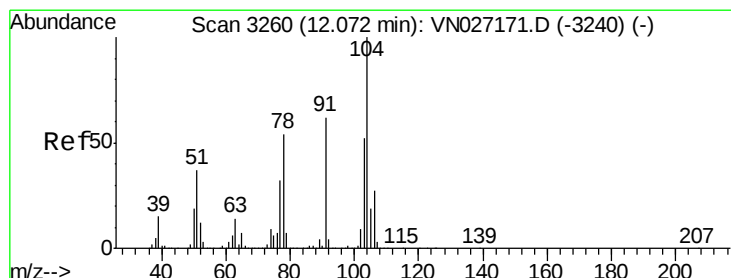
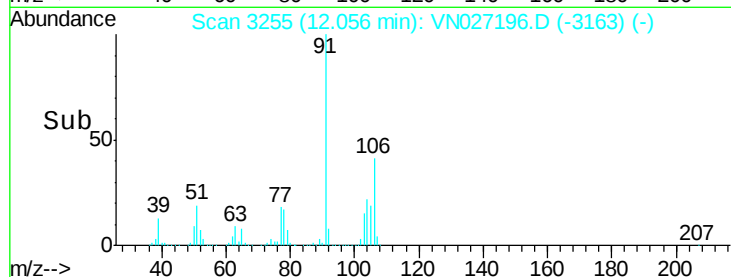
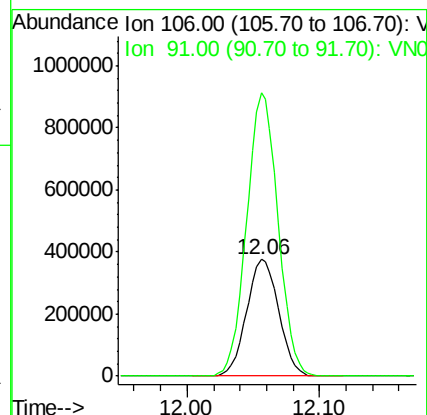
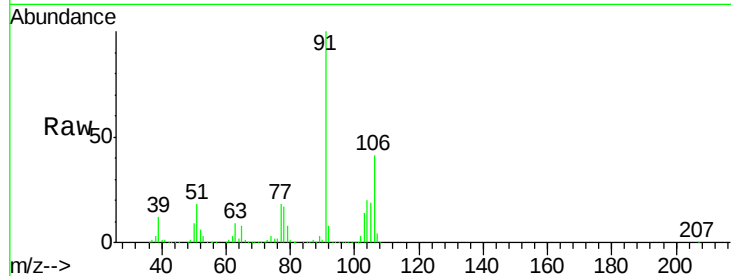




#70
o-Xylene
Concen: 44.98 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

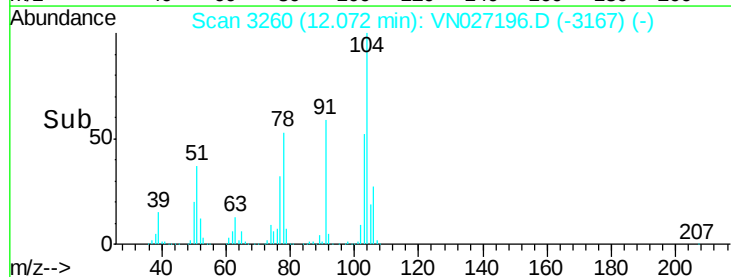
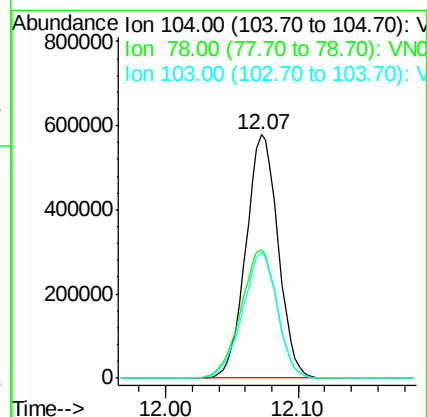
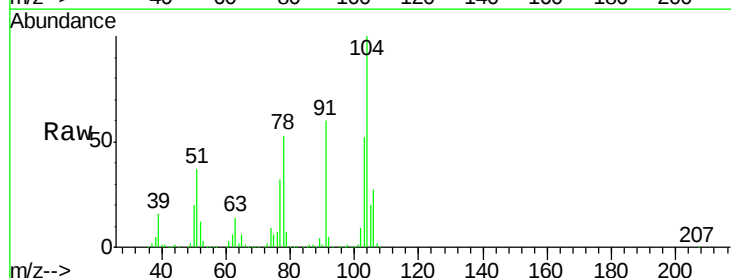
Instrument :
MSVOA_N
ClientSampled :
S39-0095MSD

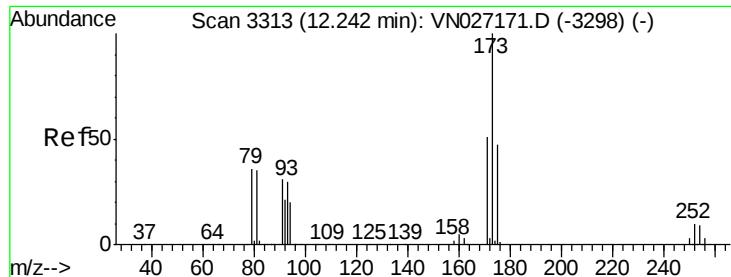
Tot Ion:106 Resp: 630511
Ion Ratio Lower Upper
106 100
91 237.1 110.7 331.9



#71
Styrene
Concen: 42.99 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion:104 Resp: 972843
Ion Ratio Lower Upper
104 100
78 59.3 41.6 62.4
103 56.0 44.2 66.2





#72

Bromoform

Concen: 45.31 ug/l

RT: 12.24 min Scan# 3312

Delta R.T. -0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MSD

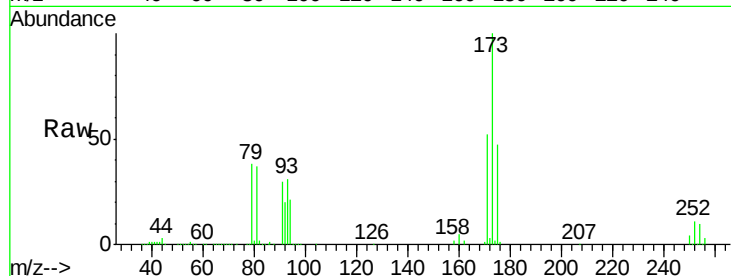
Tot Ion:173 Resp: 229705

Ion Ratio Lower Upper

173 100

175 47.8 24.4 73.4

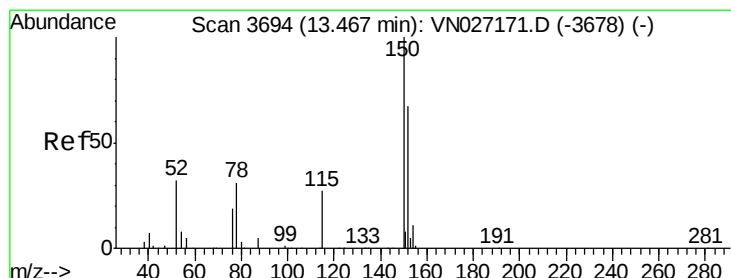
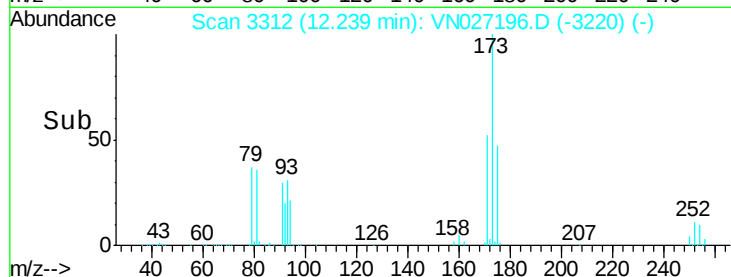
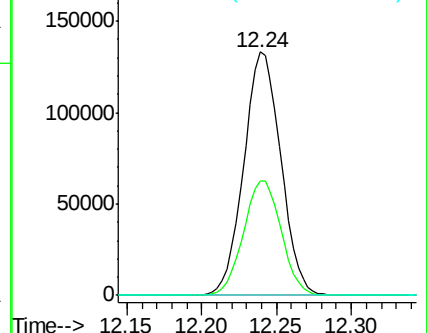
254 0.1 0.1 0.1



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: VN027196.D

Acq: 16 Sep 2015 7:11

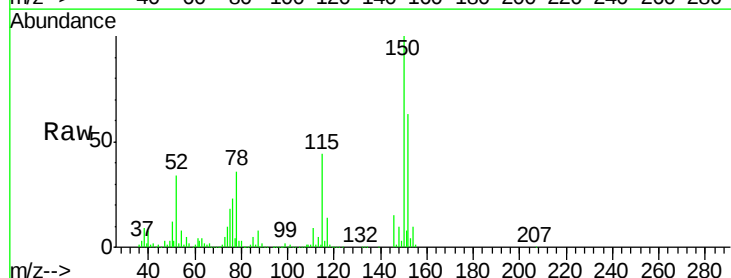
Tgt Ion:152 Resp: 339244

Ion Ratio Lower Upper

152 100

115 69.1 30.8 92.3

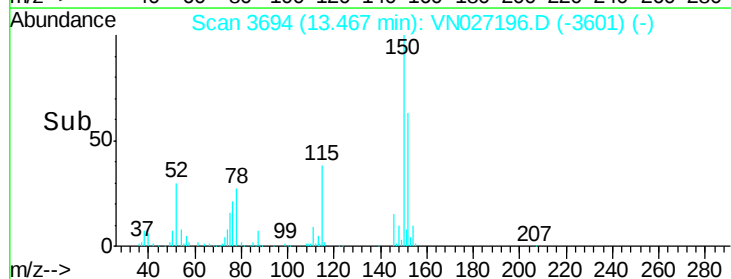
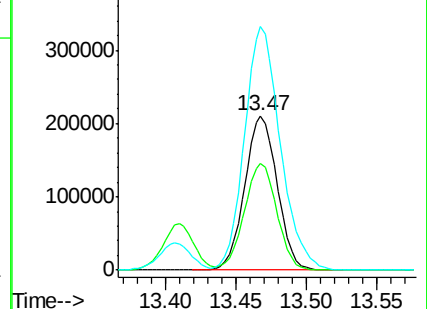
150 173.8 0.0 345.0

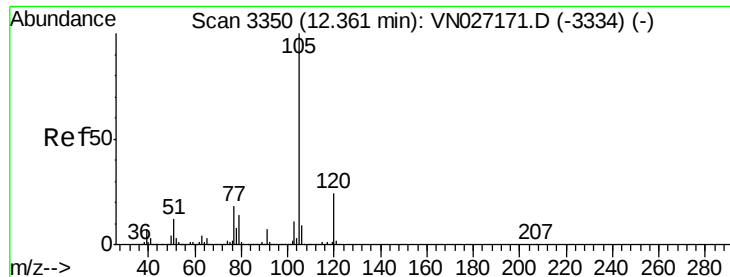


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

Isopropylbenzene

Concen: 45.35 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampled :

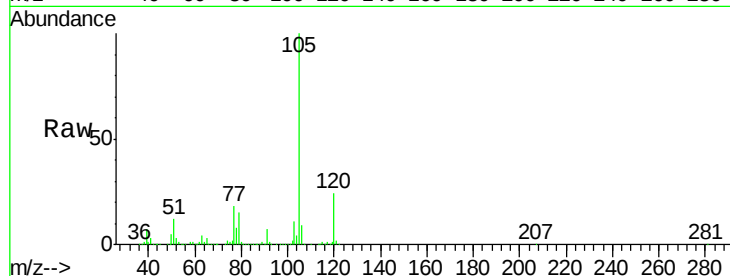
S39-0095MSD

Tot Ion:105 Resp: 1695457

Ion Ratio Lower Upper

105 100

120 23.8 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

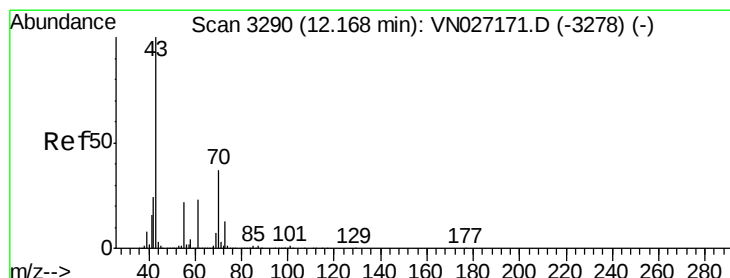
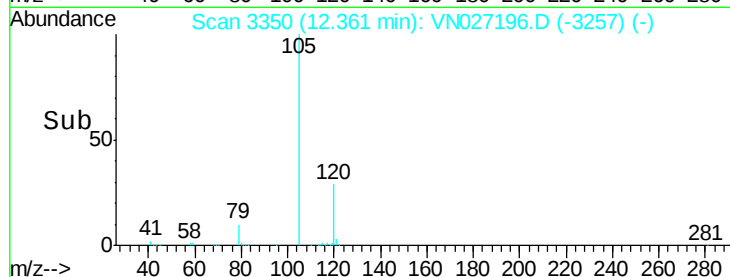
400000

200000

0

12.30 12.40

Time-->



#75

N-ethyl acetate

Concen: 22.81 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Tgt Ion: 43 Resp: 380543

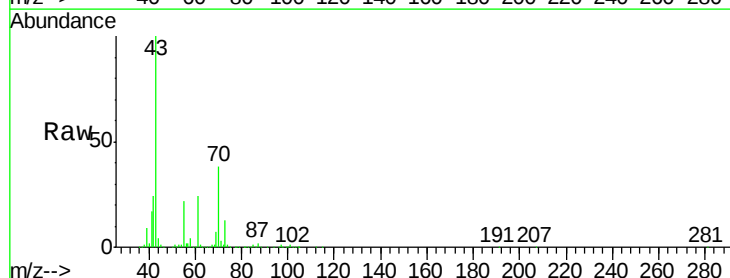
Ion Ratio Lower Upper

43 100

70 37.8 29.8 44.8

55 22.6 19.4 29.0

61 23.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

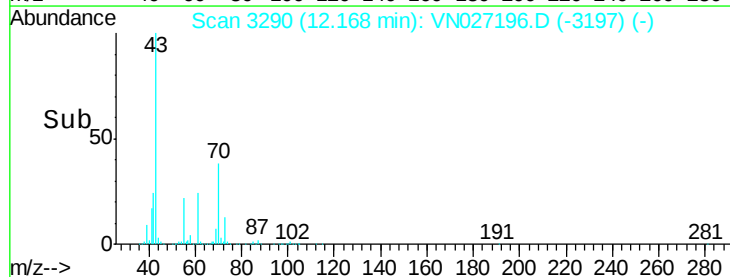
200000

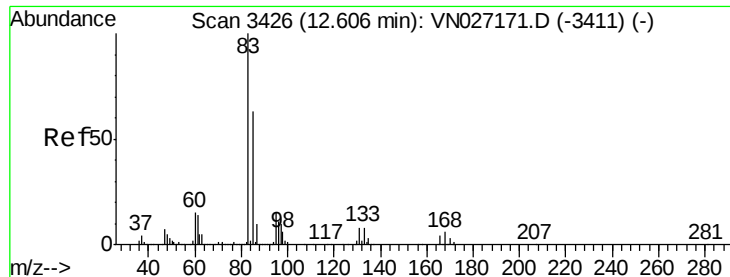
100000

0

12.10 12.15 12.20 12.25

Time-->





#76

1,1,2,2-Tetrachloroethane

Concen: 50.31 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MSD

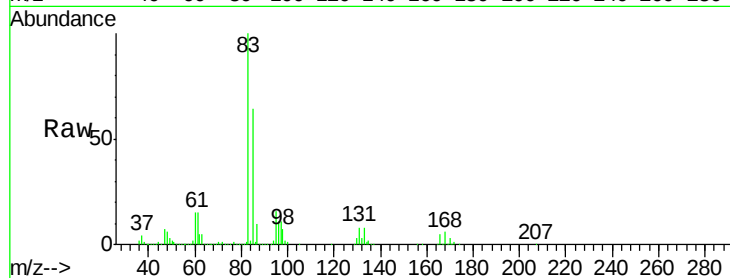
Tot Ion: 83 Resp: 485319

Ion Ratio Lower Upper

83 100

131 8.5 4.1 12.3

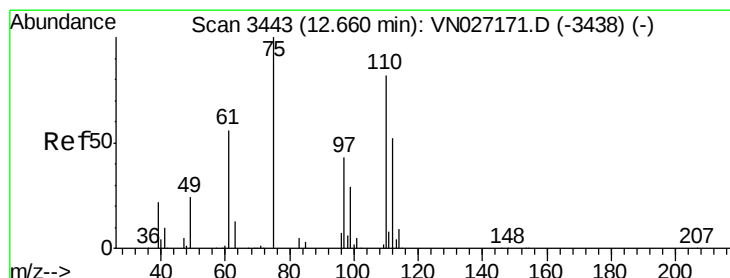
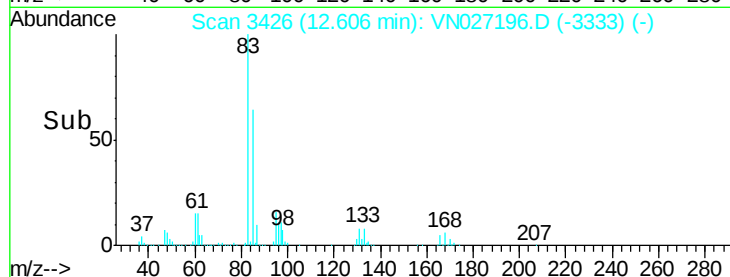
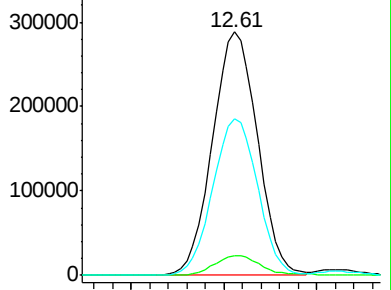
85 64.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN027196.D (-3333) (-)

Ion 130.80 (130.50 to 131.50): VN027196.D (-3333) (-)

Ion 84.90 (84.60 to 85.60): VN027196.D (-3333) (-)



#77

1,2,3-Trichloropropane

Concen: 56.62 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027196.D

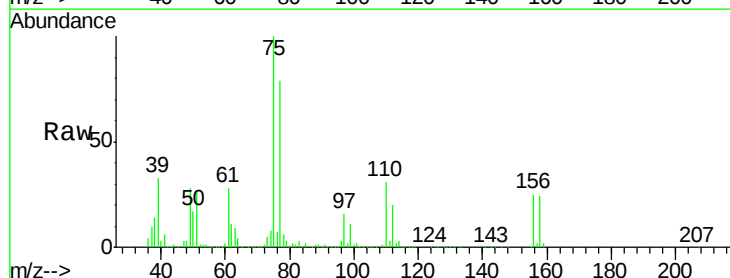
Acq: 16 Sep 2015 7:11

Tgt Ion: 75 Resp: 580480

Ion Ratio Lower Upper

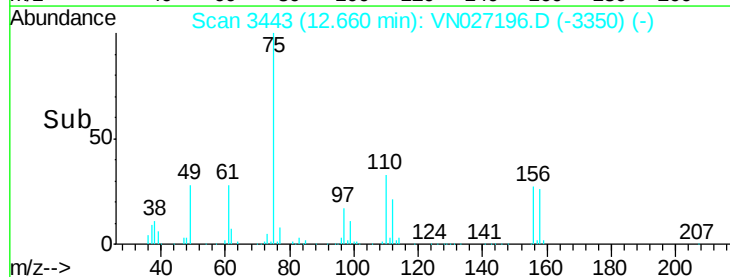
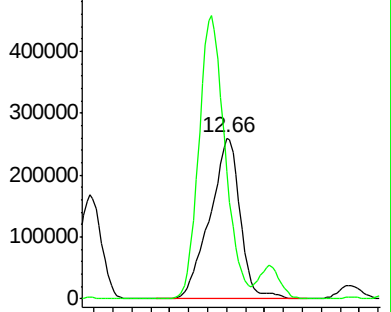
75 100

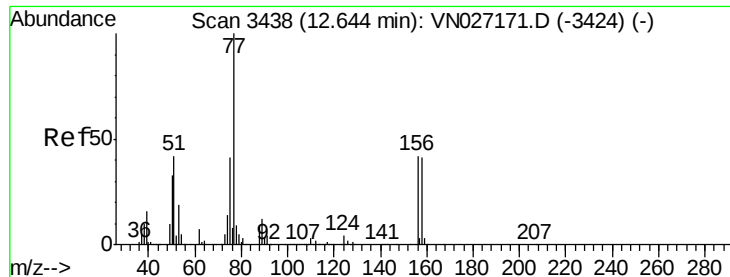
77 151.3 103.1 309.3



Abundance Ion 74.90 (74.60 to 75.60): VN027196.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN027196.D (-3350) (-)





#78

Bromobenzene

Concen: 45.91 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MSD

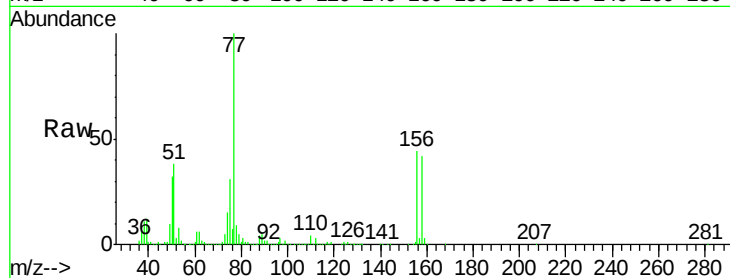
Tot Ion:156 Resp: 336564

Ion Ratio Lower Upper

156 100

77 261.0 127.3 381.9

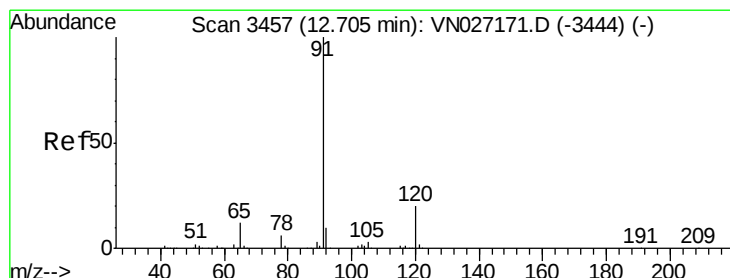
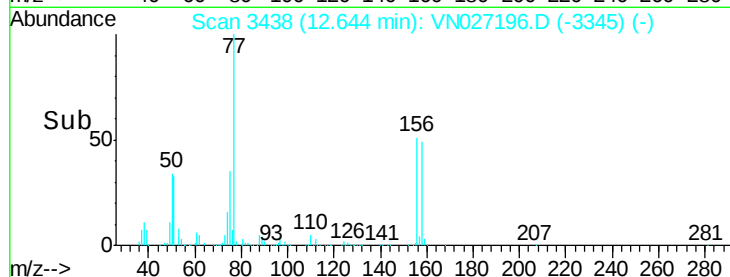
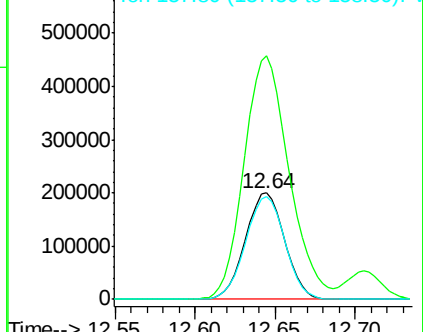
158 96.3 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

n-propylbenzene

Concen: 44.18 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027196.D

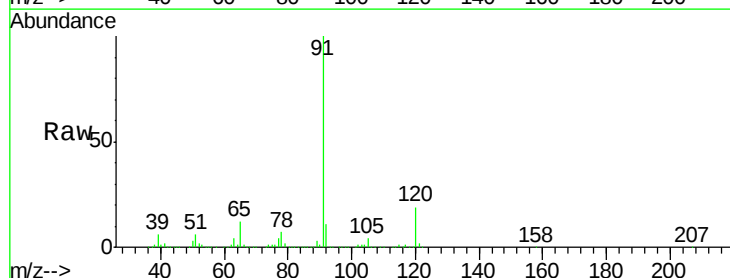
Acq: 16 Sep 2015 7:11

Tgt Ion: 91 Resp: 1943347

Ion Ratio Lower Upper

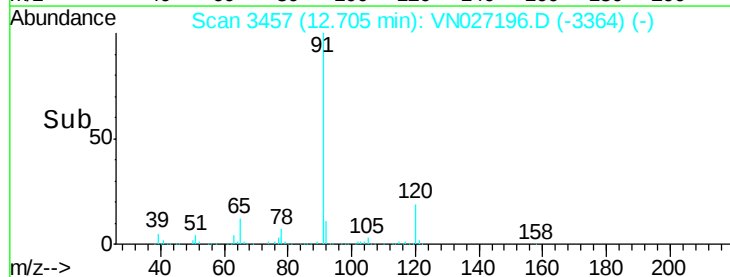
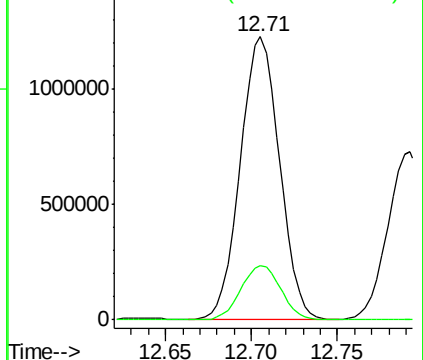
91 100

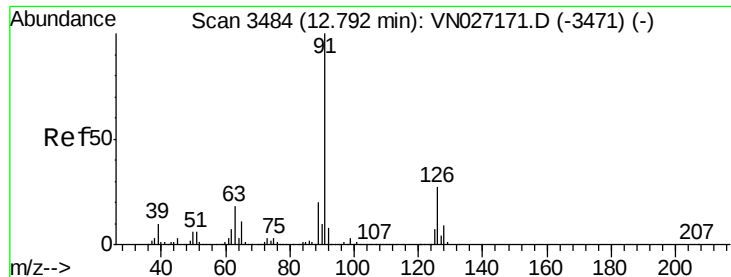
120 19.5 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

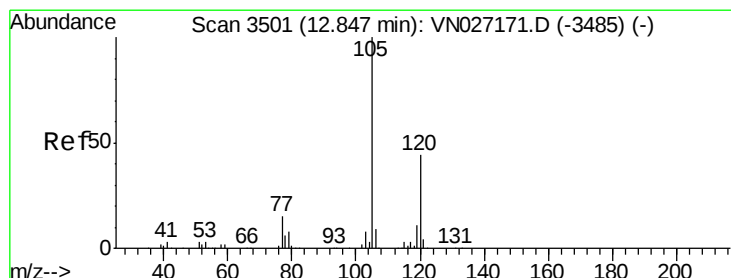
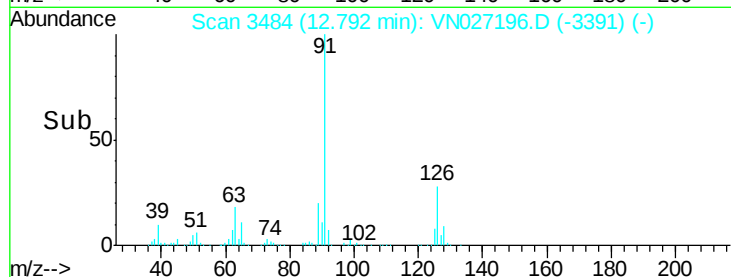
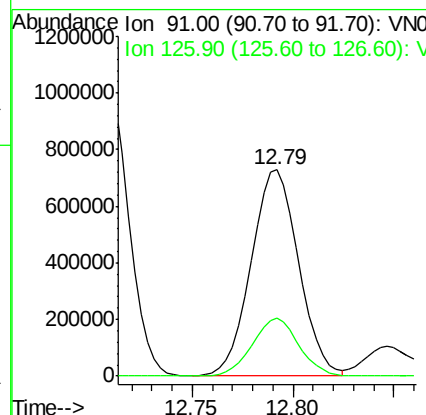
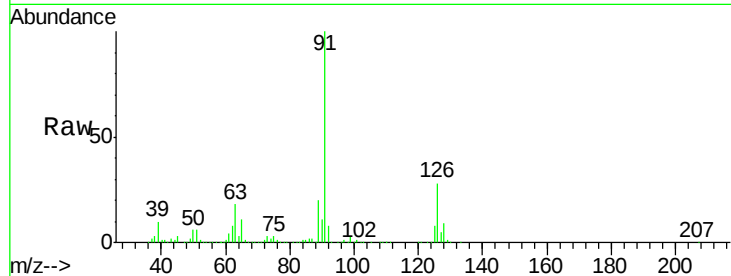




#80
 2-Chlorotoluene
 Concen: 45.37 ug/l
 RT: 12.79 min Scan# 3484
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

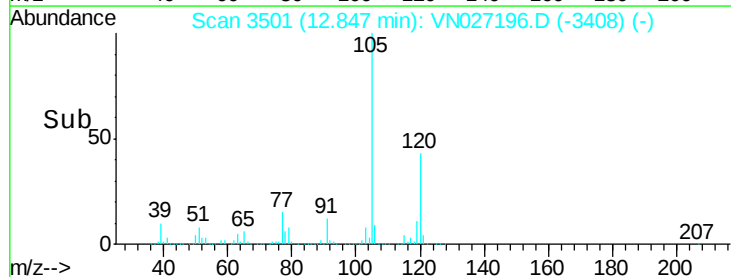
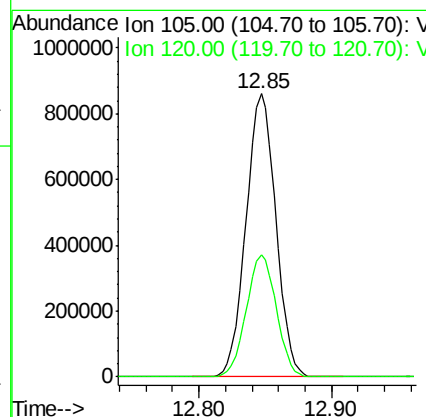
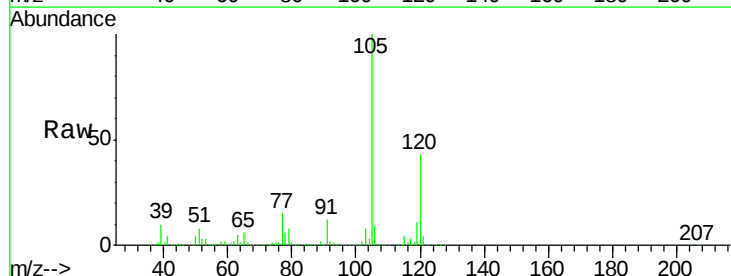
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

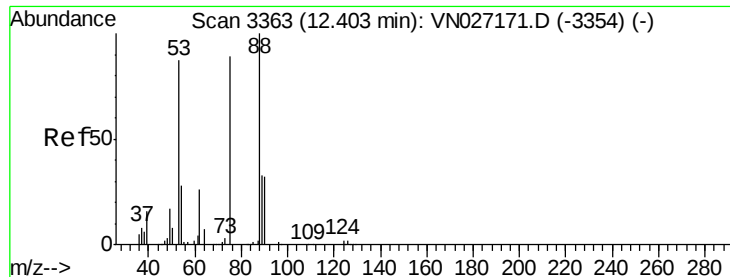
Tot Ion: 91 Resp: 1198177
 Ion Ratio Lower Upper
 91 100
 126 27.6 15.2 45.5



#81
 1,3,5-Trimethylbenzene
 Concen: 44.70 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion: 105 Resp: 1342504
 Ion Ratio Lower Upper
 105 100
 120 43.4 23.4 70.0





#82

trans-1,4-Dichloro-2-butene

Concen: 18.73 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MSD

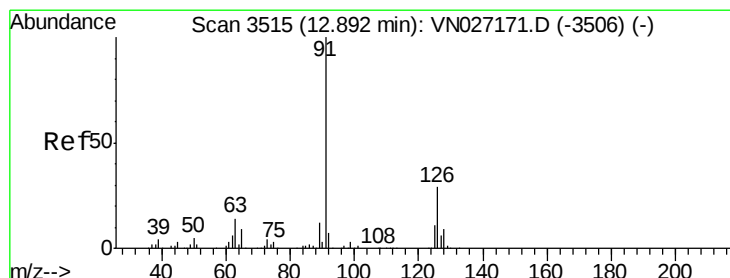
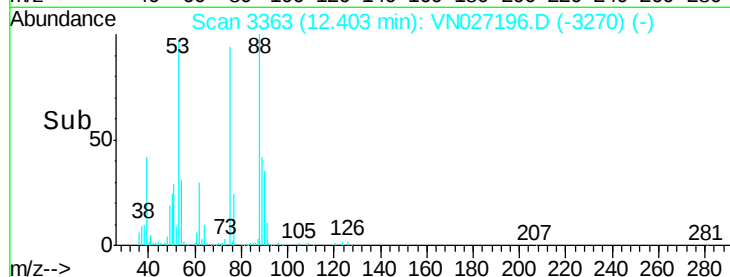
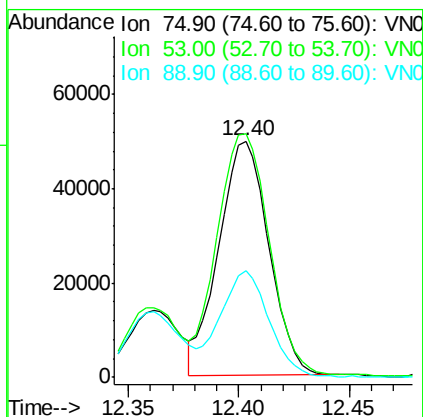
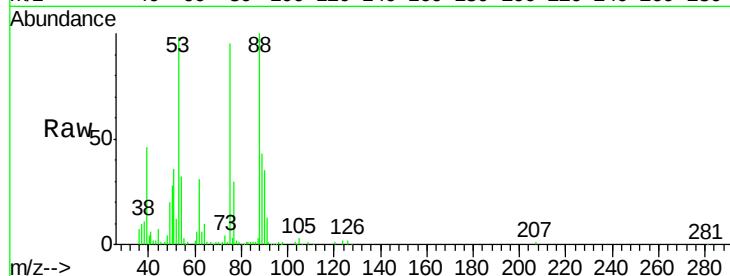
Tot Ion: 75 Resp: 78162

Ion Ratio Lower Upper

75 100

53 107.9 92.9 139.3

89 44.2 34.2 51.4



#83

4-Chlorotoluene

Concen: 45.85 ug/l

RT: 12.89 min Scan# 3514

Delta R.T. -0.00 min

Lab File: VN027196.D

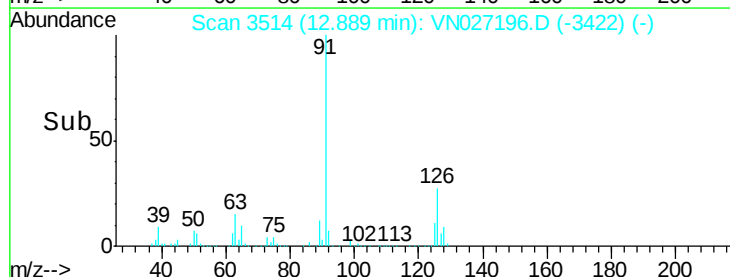
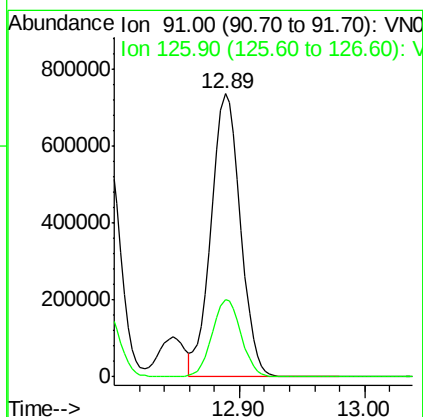
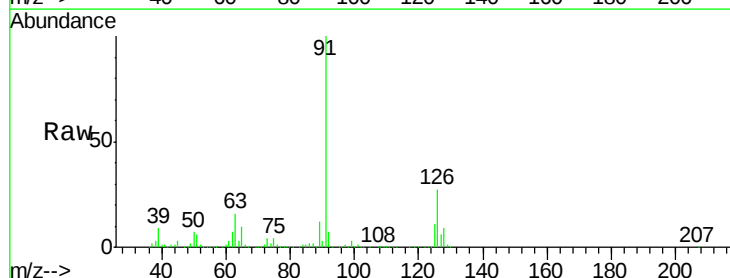
Acq: 16 Sep 2015 7:11

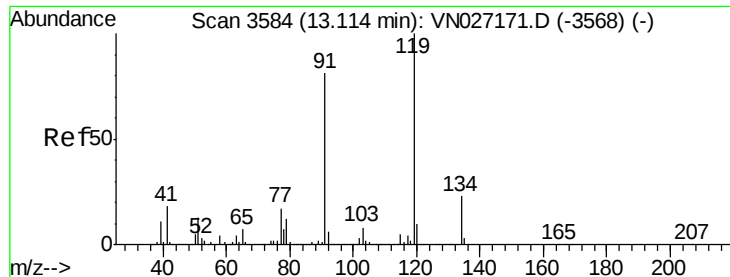
Tgt Ion: 91 Resp: 1189769

Ion Ratio Lower Upper

91 100

126 27.1 14.9 44.5





#84

tert-Butylbenzene

Concen: 44.49 ug/l

RT: 13.11 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MSD

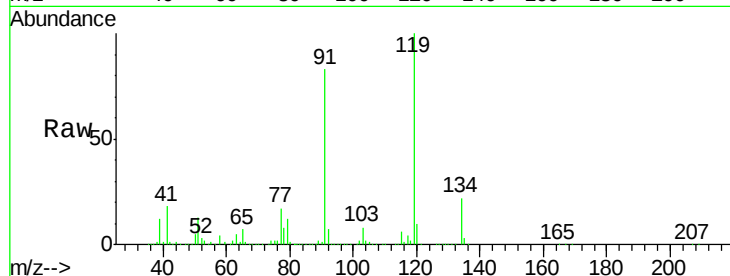
Tot Ion:119 Resp: 1102493

Ion Ratio Lower Upper

119 100

91 81.1 34.6 103.8

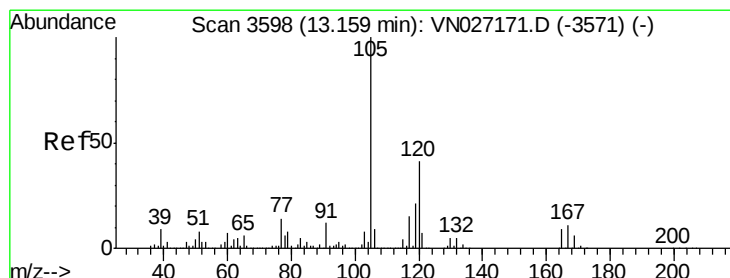
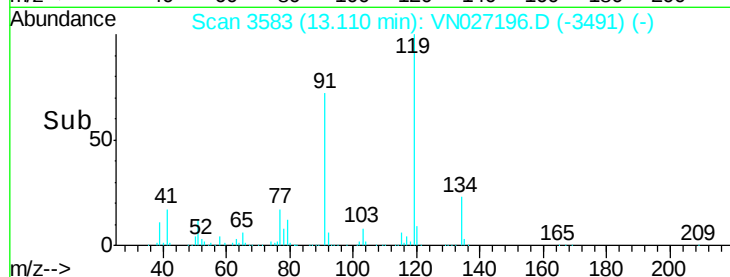
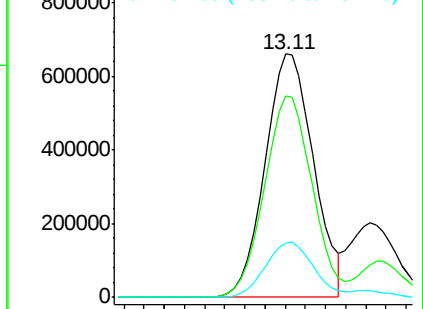
134 22.5 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#85

1,2,4-Trimethylbenzene

Concen: 45.13 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027196.D

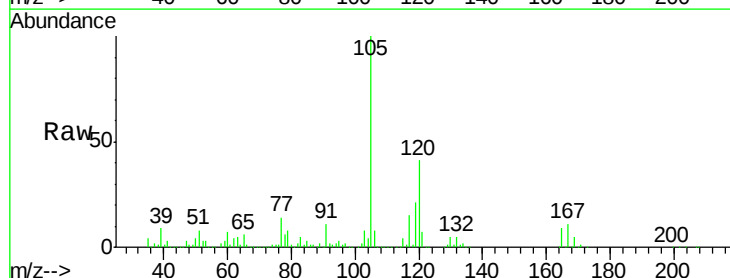
Acq: 16 Sep 2015 7:11

Tgt Ion:105 Resp: 1361275

Ion Ratio Lower Upper

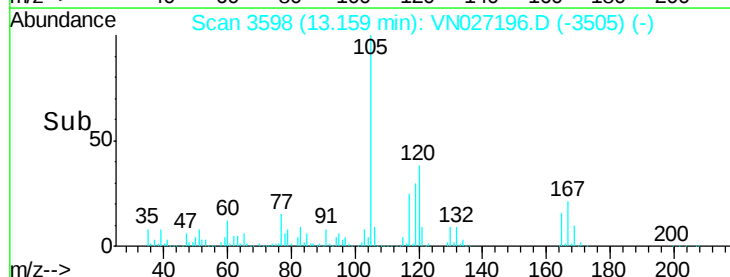
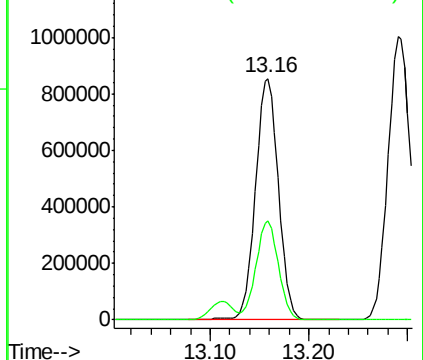
105 100

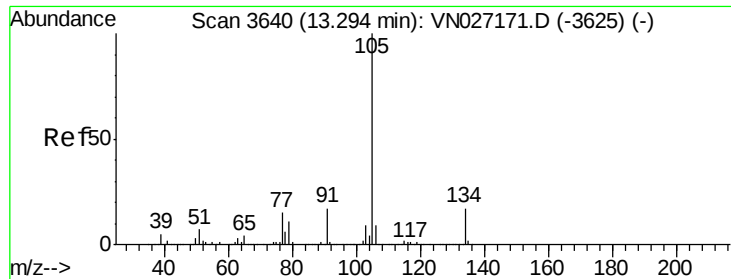
120 40.2 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

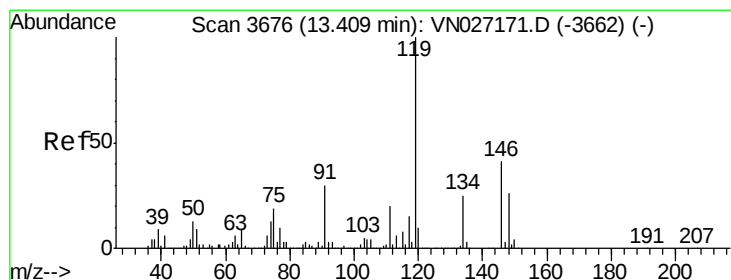
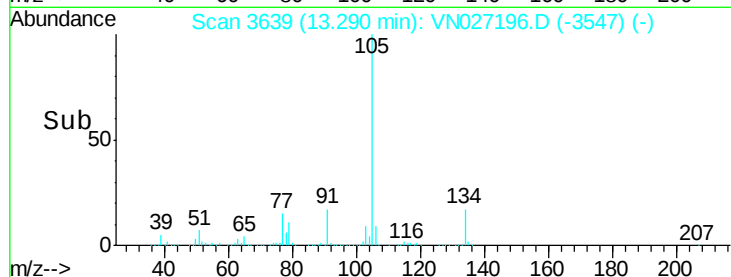
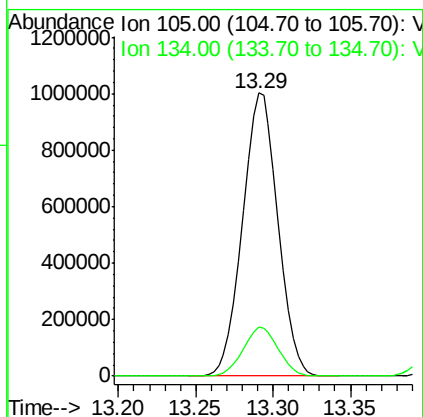
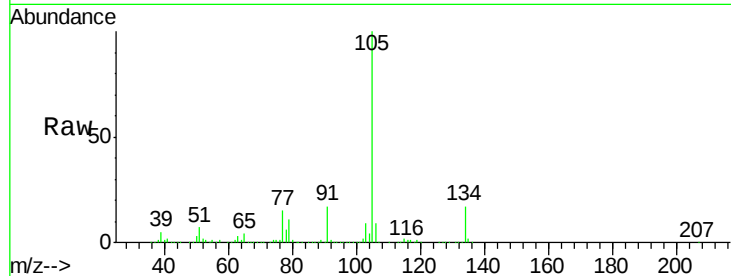




#86
 sec-Butylbenzene
 Concen: 43.79 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

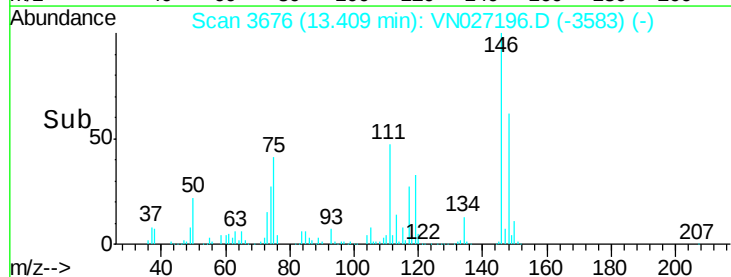
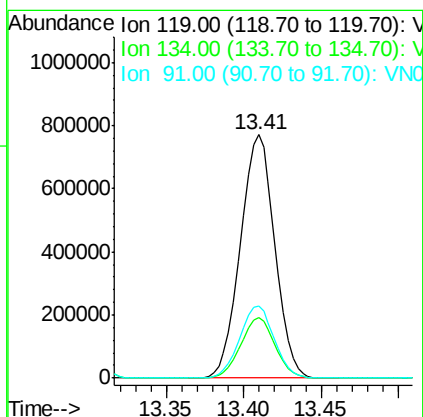
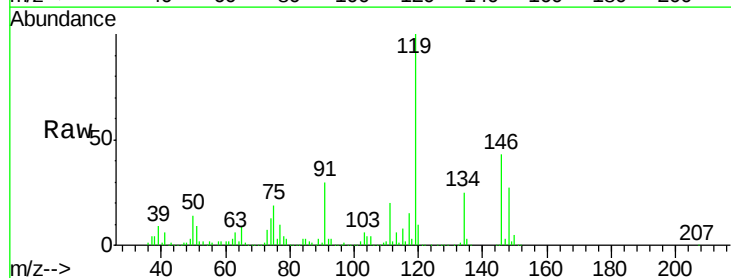
Instrument :
 MSVOA_N
 ClientSampleID :
 S39-0095MSD

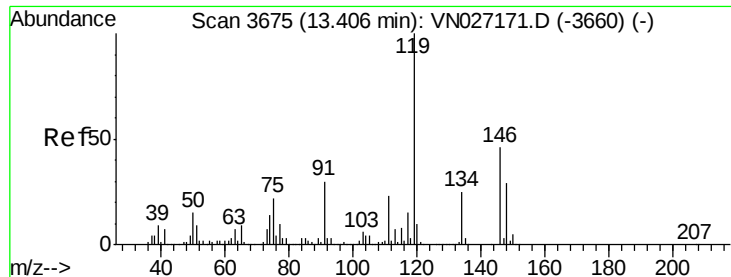
Tot Ion:105 Resp: 1589720
 Ion Ratio Lower Upper
 105 100
 134 17.2 8.8 26.4



#87
 p-Isopropyltoluene
 Concen: 42.57 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion:119 Resp: 1190119
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.4 37.0
 91 29.7 12.0 36.1

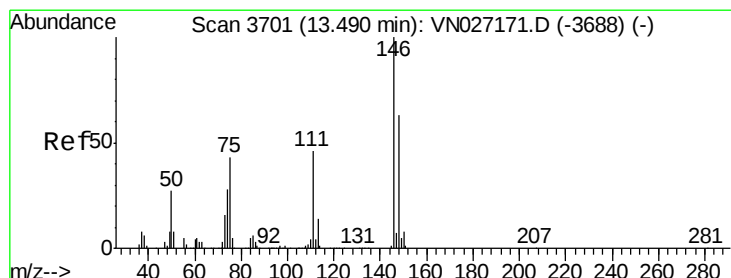
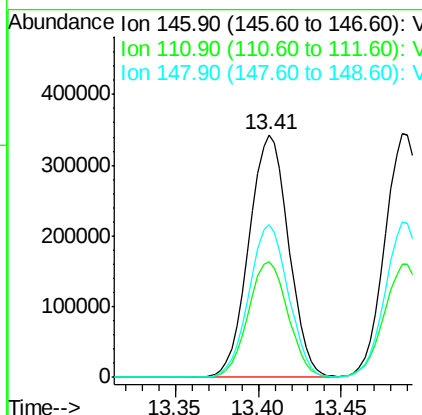
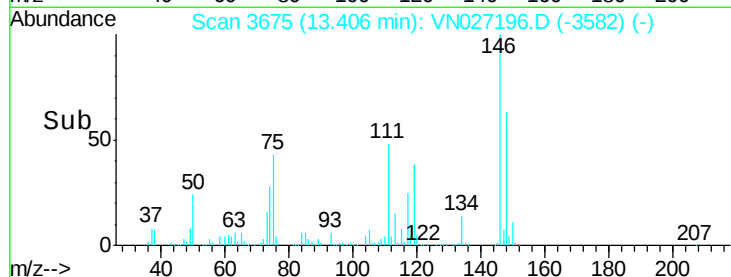
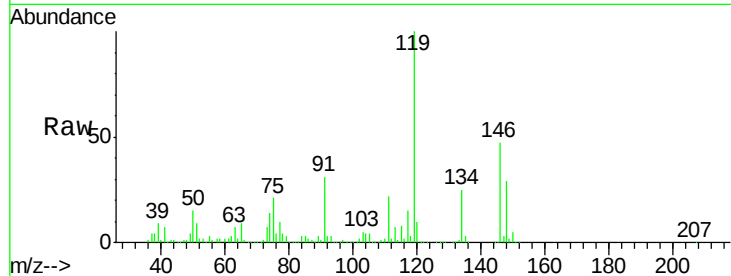




#88
 1,3-Dichlorobenzene
 Concen: 45.53 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

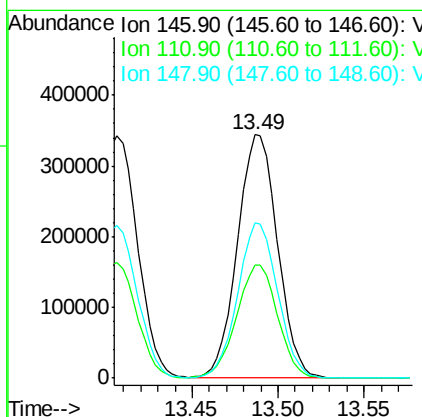
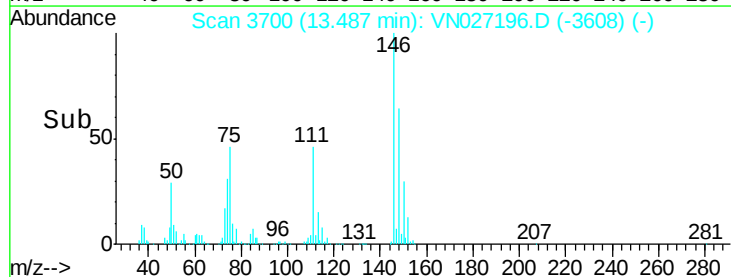
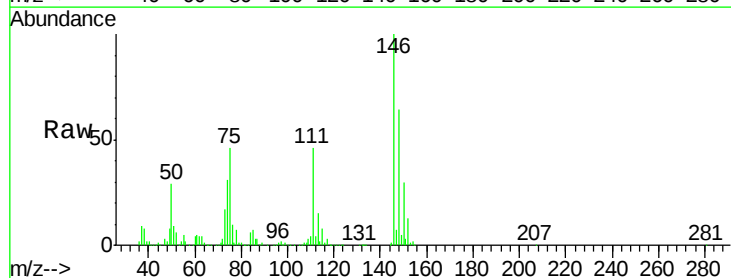
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

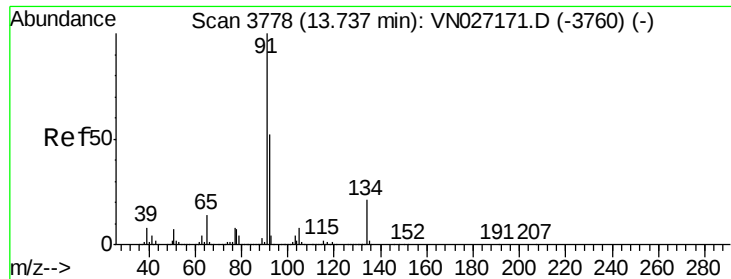
Tot Ion	Ratio	Lower	Upper
146	100		
111	47.7	21.0	63.0
148	62.4	31.9	95.9



#89
 1,4-Dichlorobenzene
 Concen: 43.94 ug/l
 RT: 13.49 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.3	19.9	59.6
148	63.4	31.7	95.1

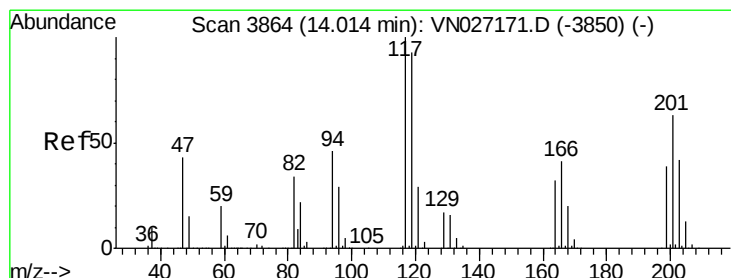
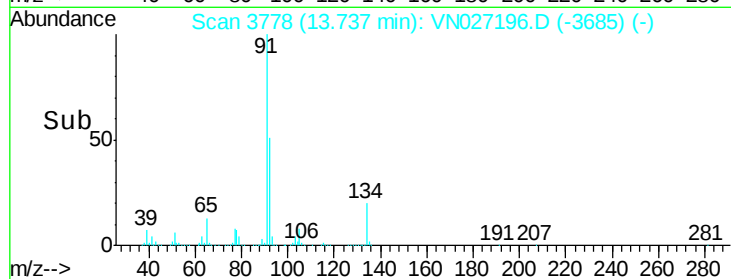
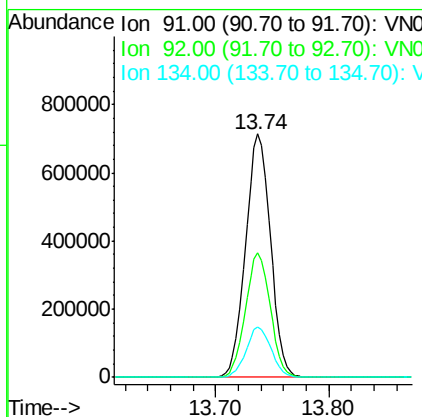
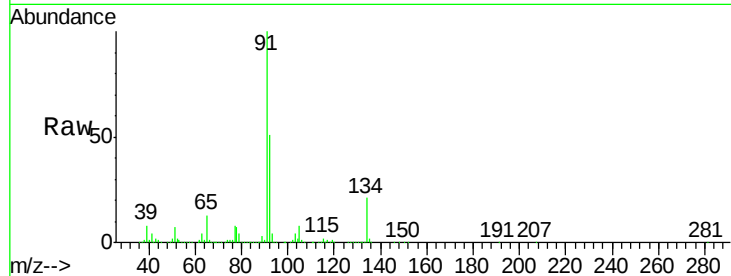




#90
n-Butylbenzene
Concen: 40.25 ug/l
RT: 13.74 min Scan# 3778
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

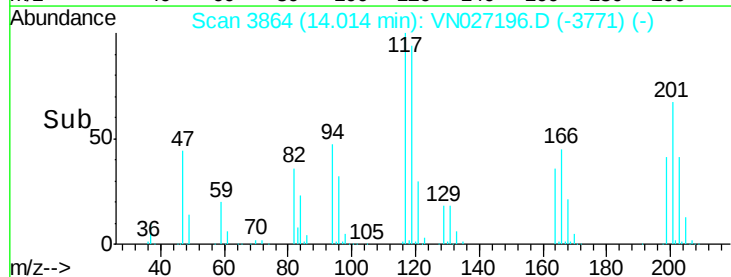
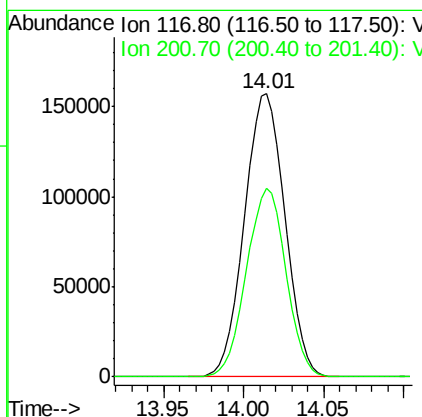
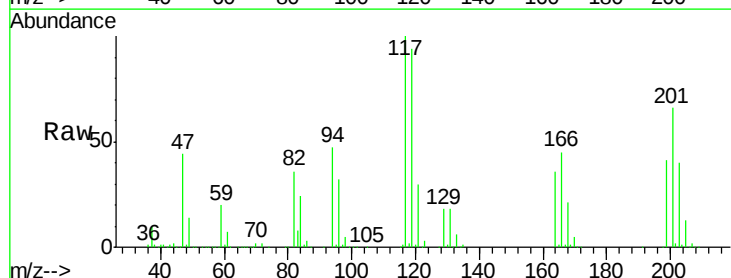
Instrument :
MSVOA_N
ClientSampleId :
S39-0095MSD

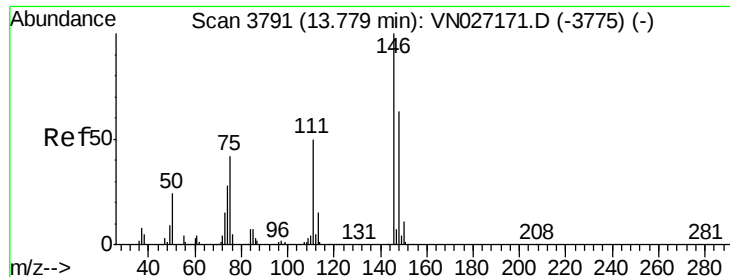
Tot Ion: 91 Resp: 1092195
Ion Ratio Lower Upper
91 100
92 50.9 26.1 78.2
134 20.6 11.1 33.1



#91
Hexachloroethane
Concen: 44.44 ug/l
RT: 14.01 min Scan# 3864
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion: 117 Resp: 271887
Ion Ratio Lower Upper
117 100
201 65.1 34.9 104.7





#92

1,2-Dichlorobenzene

Concen: 46.45 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

Instrument :

MSVOA_N

ClientSampleId :

S39-0095MSD

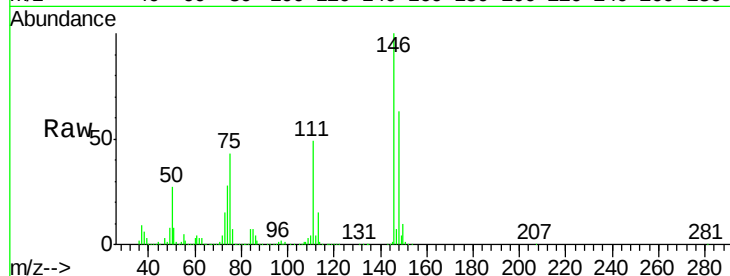
Tot Ion:146 Resp: 575870

Ion Ratio Lower Upper

146 100

111 49.3 22.1 66.3

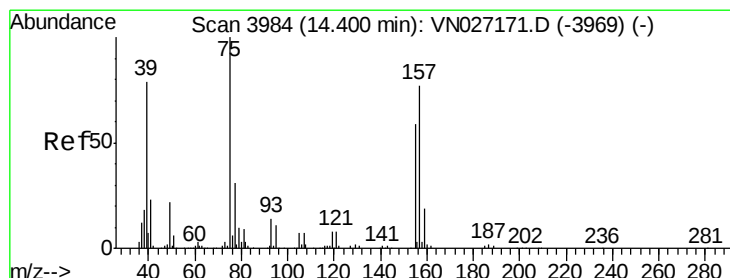
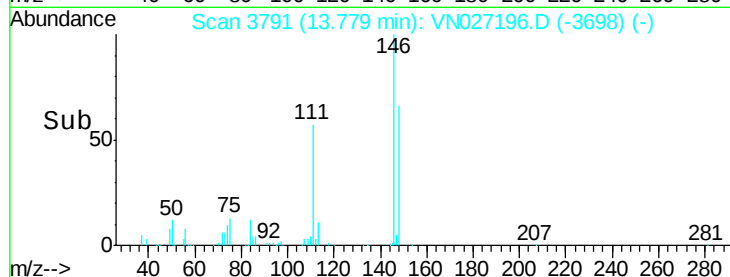
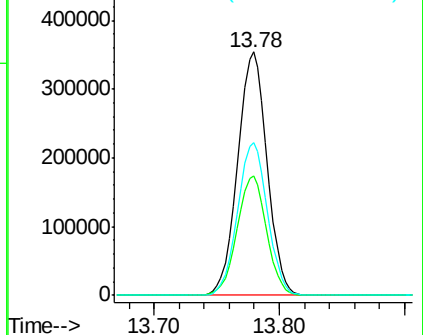
148 63.9 32.0 96.0



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: 45.72 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027196.D

Acq: 16 Sep 2015 7:11

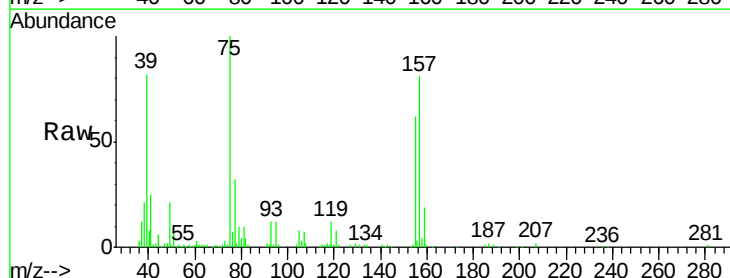
Tgt Ion: 75 Resp: 97871

Ion Ratio Lower Upper

75 100

155 61.9 35.6 106.9

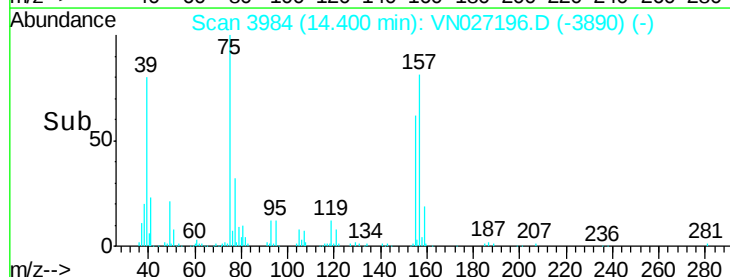
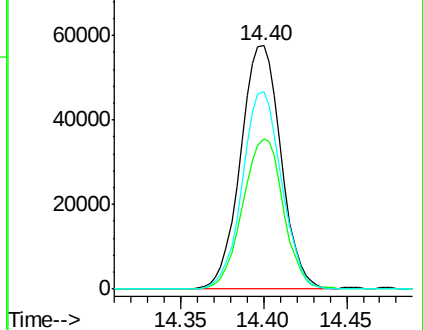
157 78.6 44.6 133.8

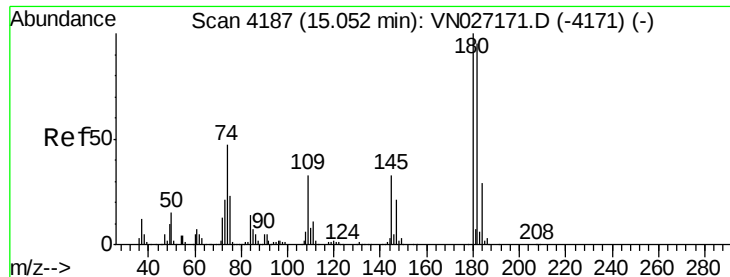


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

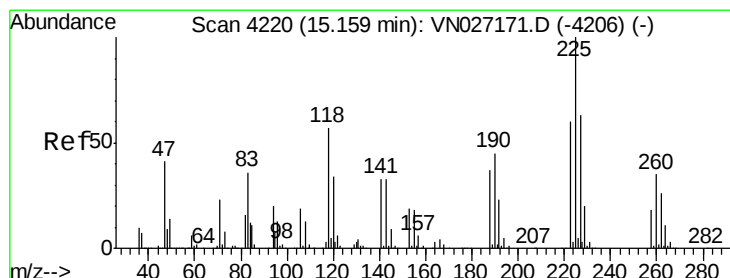
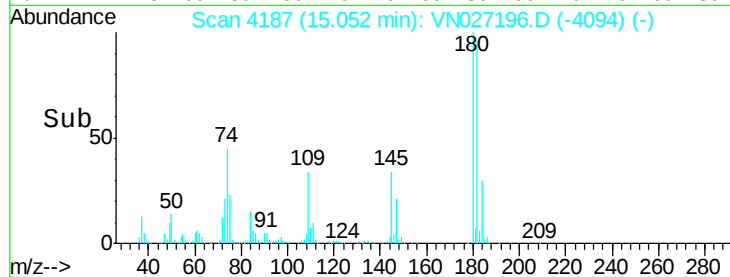
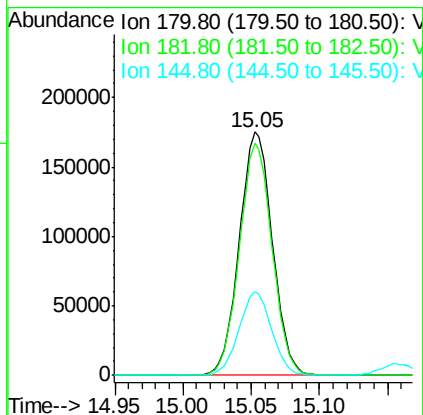
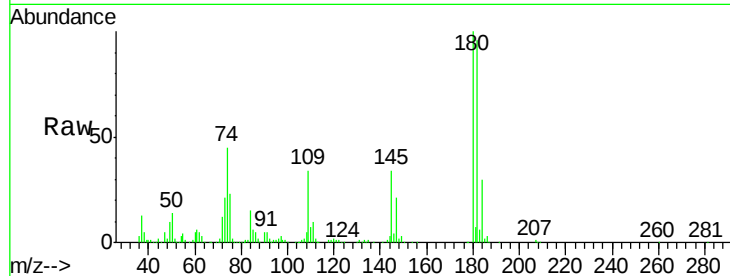




#94
 1,2,4-Trichlorobenzene
 Concen: 44.06 ug/l
 RT: 15.05 min Scan# 4187
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

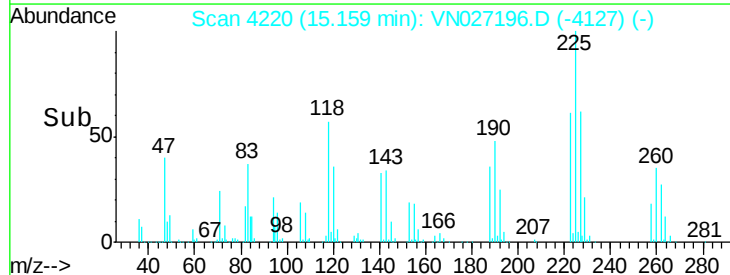
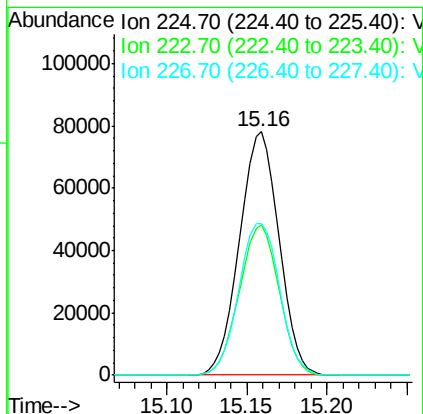
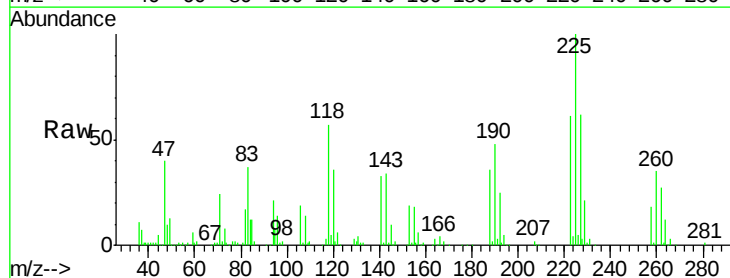
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

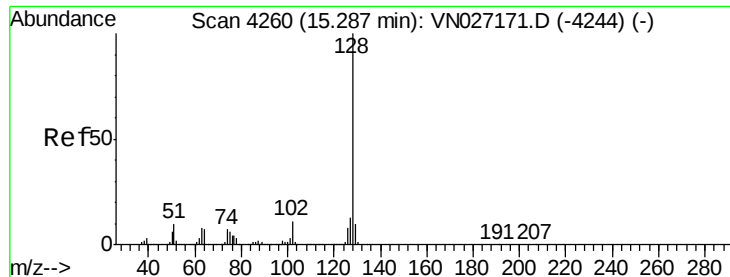
Tot Ion:180 Resp: 295086
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.5
 145 34.0 15.1 45.3



#95
 Hexachlorobutadiene
 Concen: 37.26 ug/l
 RT: 15.16 min Scan# 4220
 Delta R.T. 0.00 min
 Lab File: VN027196.D
 Acq: 16 Sep 2015 7:11

Tgt Ion:225 Resp: 131430
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.8 92.3
 227 64.4 31.7 95.1

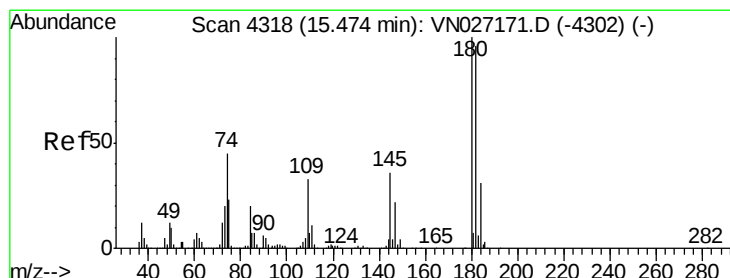
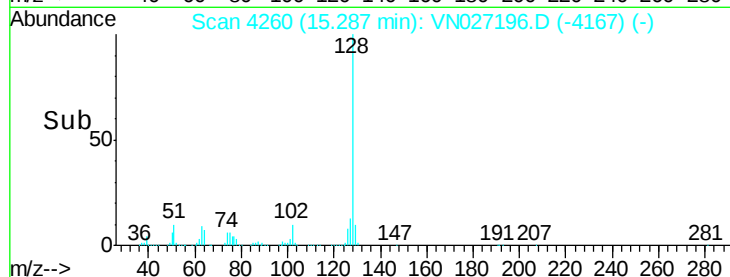
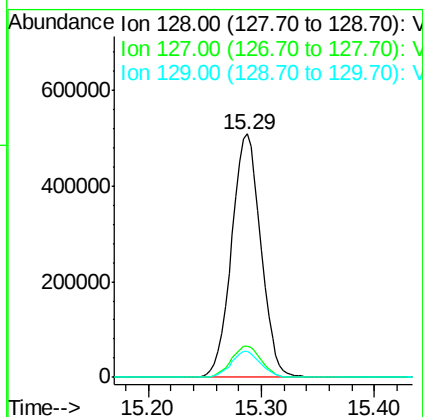
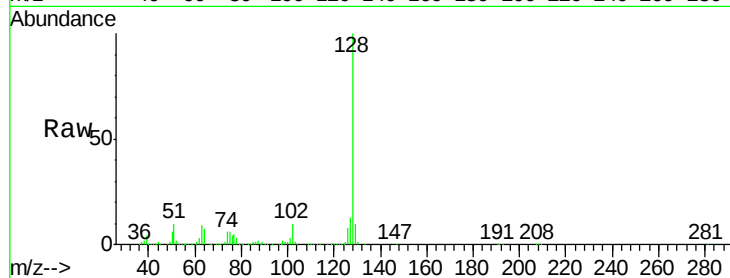




#96
Naphthalene
Concen: 46.55 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Instrument :
MSVOA_N
ClientSampleId :
S39-0095MSD

Tot Ion:128 Resp: 913858
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 12.8



#97
1,2,3-Trichlorobenzene
Concen: 45.82 ug/l
RT: 15.47 min Scan# 4318
Delta R.T. 0.00 min
Lab File: VN027196.D
Acq: 16 Sep 2015 7:11

Tgt Ion:180 Resp: 305031
Ion Ratio Lower Upper
180 100
182 95.9 48.8 146.4
145 35.5 16.6 49.8

