

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
 Data File : VN027169.D
 Acq On : 15 Sep 2015 15:56
 Operator : MD\FY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 15 17:33:51 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 17:32:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	603488	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1132505	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	952697	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	334347	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	61639	7.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	15.58%	
36) Dibromofluoromethane	7.68	113	39684	5.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.44%	
51) Toluene-d8	10.19	98	153204	5.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.06%	
63) 4-Bromofluorobenzene	12.52	95	50518	5.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	33855	7.03	ug/l	100
3) Chlorodifluoromethane	1.82	51	41608	6.27	ug/l #	92
4) Chloromethane	2.01	50	42584	5.78	ug/l	99
5) Vinyl Chloride	2.14	62	41538	5.73	ug/l	92
6) Bromomethane	2.54	94	19461	4.85	ug/l	96
7) Chloroethane	2.68	64	29482	7.39	ug/l	100
8) Trichlorofluoromethane	3.02	101	63859	7.35	ug/l	98
9) Diethyl Ether	3.43	74	27920	7.16	ug/l	90
10) 1,1,2-Trichlorotrifluoroet	3.79	101	40371	6.77	ug/l	97
11) Methyl Iodide	3.99	142	35884	5.21	ug/l #	88
12) Tert butyl alcohol	4.81	59	34270	60.72	ug/l #	74
13) 1,1-Dichloroethene	3.76	96	38441	6.72	ug/l	96
14) Acrolein	3.63	56	35522	36.21	ug/l	99
15) Allyl chloride	4.37	41	79819	8.20	ug/l #	84
16) Acrylonitrile	5.03	53	91472	33.77	ug/l	97
17) Acetone	3.83	43	85853	36.68	ug/l	96
18) Carbon Disulfide	4.11	76	122986	6.86	ug/l	99
19) Methyl Acetate	4.37	43	118003	7.65	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	154943	7.99	ug/l	99
21) Methylene Chloride	4.60	84	46460	6.67	ug/l	99
22) trans-1,2-Dichloroethene	5.13	96	42990	6.70	ug/l	98
23) Diisopropyl ether	6.04	45	163297	7.76	ug/l #	85
24) Vinyl Acetate	5.98	43	337842	53.48	ug/l	97
25) 1,1-Dichloroethane	5.93	63	96792	8.11	ug/l	99
26) 2-Butanone	6.93	43	132222	41.18	ug/l	99
27) 2,2-Dichloropropane	6.92	77	81612	8.66	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	46908	6.26	ug/l	91
29) Bromochloromethane	7.29	49	36528	6.36	ug/l	96
30) Tetrahydrofuran	7.32	42	81740	38.70	ug/l	90
31) Chloroform	7.46	83	88318	7.34	ug/l	98
32) Cyclohexane	7.76	56	102095	7.30	ug/l #	80
33) 1,1,1-Trichloroethane	7.67	97	76467	7.50	ug/l	96
37) 1,1-Dichloropropene	7.89	75	64183	6.04	ug/l	98
38) Ethyl Acetate	7.03	43	52704	6.99	ug/l #	93

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
 Data File : VN027169.D
 Acq On : 15 Sep 2015 15:56
 Operator : MD\FY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 15 17:33:51 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 17:32:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.89	117	64072	6.38	ug/l	96
40) Methylcyclohexane	9.19	83	77422	6.02	ug/l	97
41) Benzene	8.14	78	195871	5.97	ug/l	99
42) Methacrylonitrile	7.25	41	31883	6.53	ug/l	88
43) 1,2-Dichloroethane	8.22	62	76889	6.82	ug/l	98
44) Isopropyl Acetate	8.25	43	110402	8.08	ug/l	99
45) Trichloroethene	8.94	130	39059	4.89	ug/l	89
46) 1,2-Dichloropropane	9.22	63	55893	6.55	ug/l	98
47) Dibromomethane	9.31	93	32126	6.32	ug/l	92
48) Bromodichloromethane	9.49	83	68173	6.45	ug/l	96
49) Methyl methacrylate	9.29	41	52459	7.55	ug/l #	90
50) 1,4-Dioxane	9.30	88	12689	127.00	ug/l #	80
52) 4-Methyl-2-Pentanone	10.07	43	286576	36.99	ug/l	96
53) Toluene	10.26	92	112341	5.64	ug/l	100
54) t-1,3-Dichloropropene	10.48	75	73280	6.94	ug/l	96
55) cis-1,3-Dichloropropene	9.93	75	83047	6.77	ug/l #	89
56) 1,1,2-Trichloroethane	10.66	97	44758	5.89	ug/l	97
57) Ethyl methacrylate	10.52	69	71818	6.99	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	79593	6.33	ug/l	100
59) 2-Chloroethyl Vinyl ether	9.78	63	159208	39.84	ug/l	96
60) 2-Hexanone	10.84	43	200641	38.89	ug/l	99
61) Dibromochloromethane	11.00	129	42416	5.42	ug/l	97
62) 1,2-Dibromoethane	11.11	107	42496	5.85	ug/l	98
65) Tetrachloroethene	10.74	164	31268	4.60	ug/l	95
66) Chlorobenzene	11.54	112	111764	5.38	ug/l	98
67) 1,1,1,2-Tetrachloroethane	11.62	131	40340	5.63	ug/l	96
68) Ethyl Benzene	11.62	91	216905	6.21	ug/l	98
69) m/p-Xylenes	11.73	106	147567	11.37	ug/l	95
70) o-Xylene	12.06	106	74189	5.81	ug/l	92
71) Styrene	12.08	104	115738	5.64	ug/l	94
72) Bromoform	12.24	173	26686	5.38	ug/l #	99
74) Isopropylbenzene	12.36	105	197125	6.83	ug/l	99
75) N-amyl acetate	12.17	43	90347	10.23	ug/l	97
76) 1,1,2,2-Tetrachloroethane	12.61	83	58812	7.51	ug/l	96
77) 1,2,3-Trichloropropane	12.66	75	84564	12.78	ug/l	46
78) Bromobenzene	12.64	156	37797	5.44	ug/l	91
79) n-propylbenzene	12.71	91	222859	7.02	ug/l	99
80) 2-Chlorotoluene	12.79	91	140629	7.15	ug/l	97
81) 1,3,5-Trimethylbenzene	12.85	105	152325	6.95	ug/l	97
82) trans-1,4-Dichloro-2-buten	12.40	75	20800	8.94	ug/l	95
83) 4-Chlorotoluene	12.89	91	131665	6.92	ug/l	96
84) tert-Butylbenzene	13.11	119	134131	6.84	ug/l	92
85) 1,2,4-Trimethylbenzene	13.16	105	151531	6.86	ug/l	97
86) sec-Butylbenzene	13.29	105	187501	6.92	ug/l	99
87) p-Isopropyltoluene	13.41	119	142754	6.47	ug/l	96
88) 1,3-Dichlorobenzene	13.41	146	62455	5.20	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	62333	5.15	ug/l	91
90) n-Butylbenzene	13.74	91	127928	6.69	ug/l	99
91) Hexachloroethane	14.01	117	32581	7.41	ug/l	94
92) 1,2-Dichlorobenzene	13.78	146	61232	5.16	ug/l	92

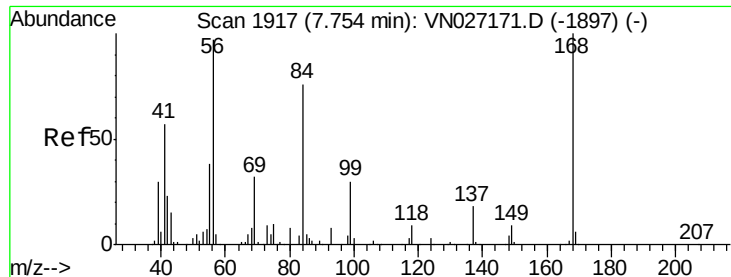
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
Data File : VN027169.D
Acq On : 15 Sep 2015 15:56
Operator : MD\FY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Sep 15 17:33:51 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 17:32:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	11795	10.12	ug/l	82
94) 1,2,4-Trichlorobenzene	15.06	180	30269	5.05	ug/l	96
95) Hexachlorobutadiene	15.16	225	17261	5.20	ug/l	96
96) Naphthalene	15.29	128	86918	6.06	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	29922	5.03	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

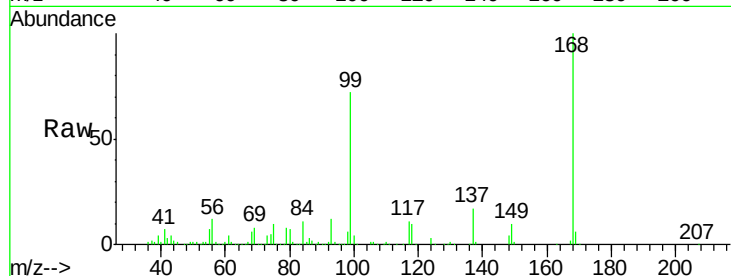
VSTDIC005

Tgt Ion:168 Resp: 603488

Ion Ratio Lower Upper

168 100

99 72.1 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

250000

200000

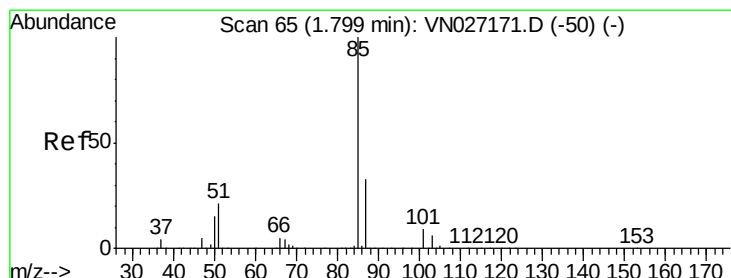
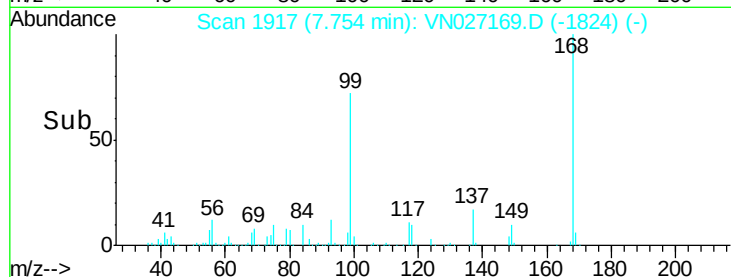
150000

100000

50000

0

Time--> 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 7.03 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027169.D

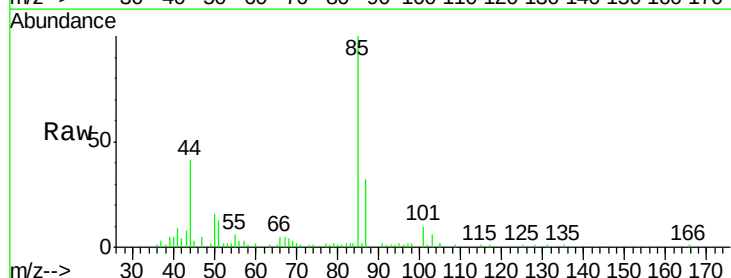
Acq: 15 Sep 2015 15:56

Tgt Ion: 85 Resp: 33855

Ion Ratio Lower Upper

85 100

87 32.7 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

25000

20000

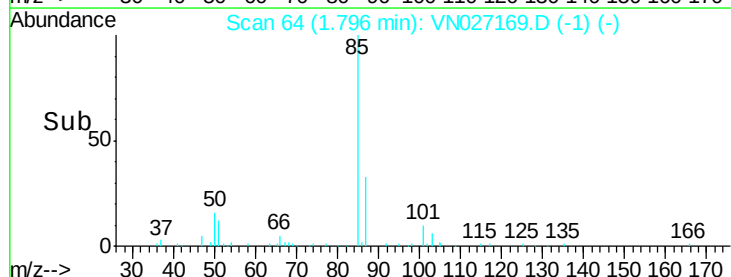
15000

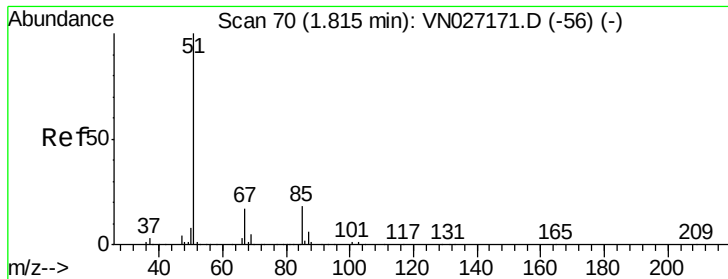
10000

5000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chlorodifluoromethane

Concen: 6.27 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

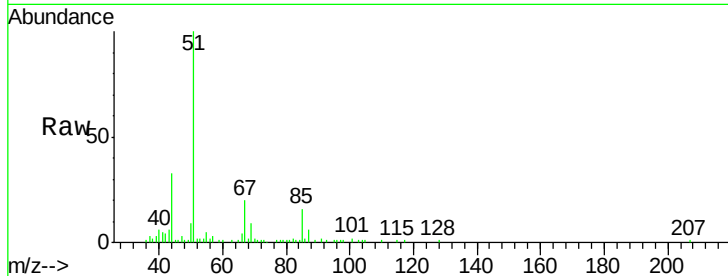
VSTDIC005

Tgt Ion: 51 Resp: 41608

Ion Ratio Lower Upper

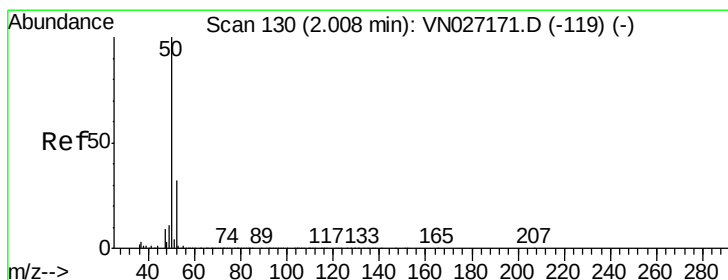
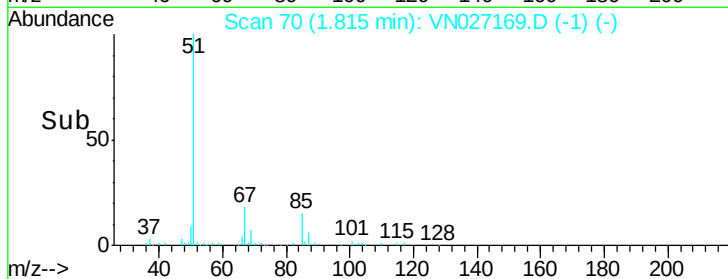
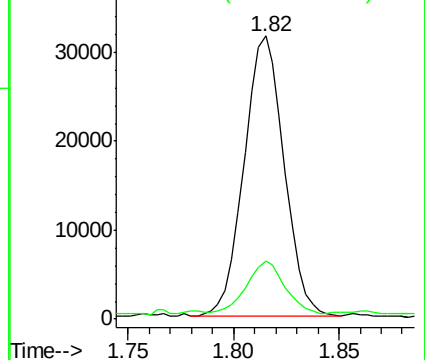
51 100

67 18.5 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: 5.78 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027169.D

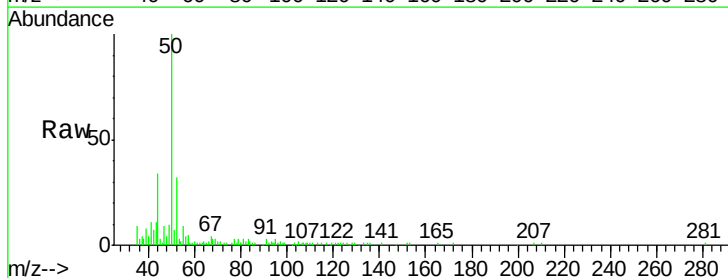
Acq: 15 Sep 2015 15:56

Tgt Ion: 50 Resp: 42584

Ion Ratio Lower Upper

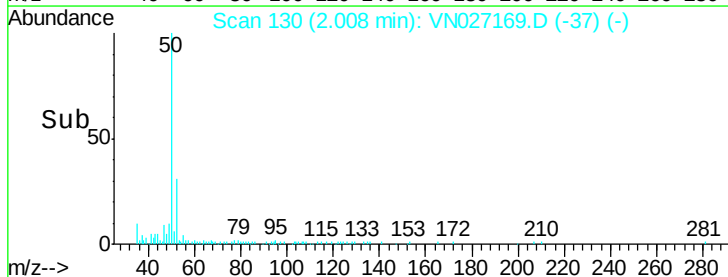
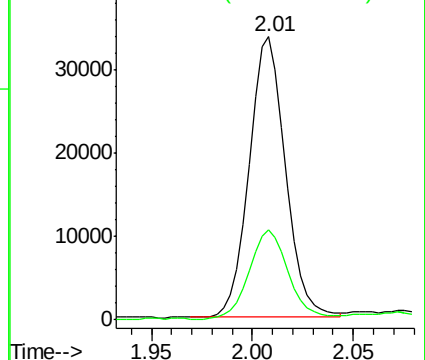
50 100

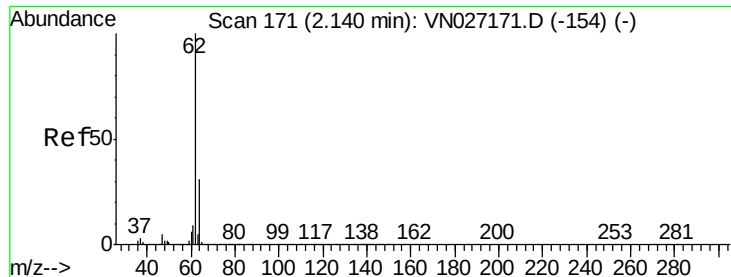
52 32.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 5.73 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

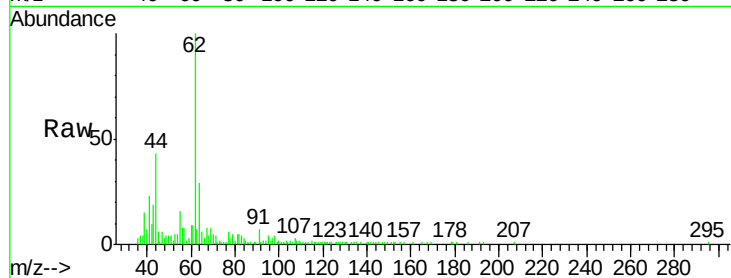
VSTDIC005

Tgt Ion: 62 Resp: 41538

Ion Ratio Lower Upper

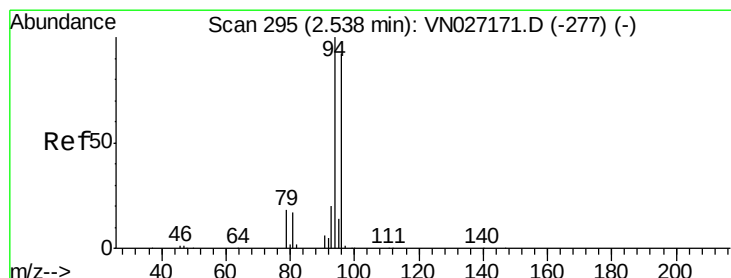
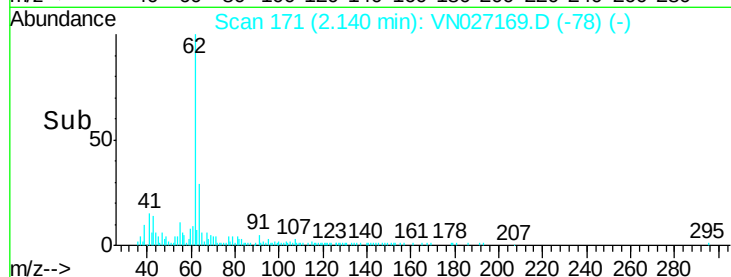
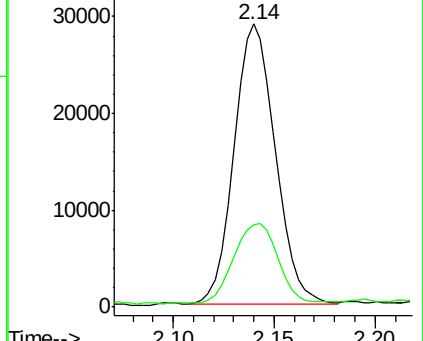
62 100

64 27.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#6

Bromomethane

Concen: 4.85 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VN027169.D

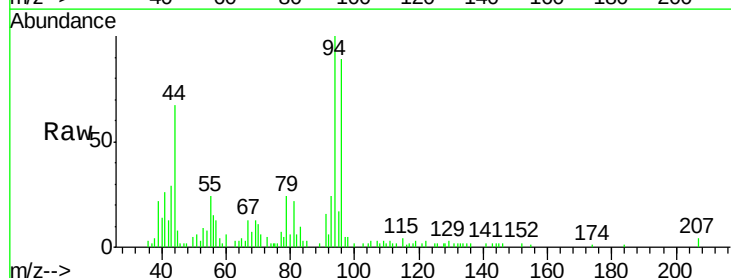
Acq: 15 Sep 2015 15:56

Tgt Ion: 94 Resp: 19461

Ion Ratio Lower Upper

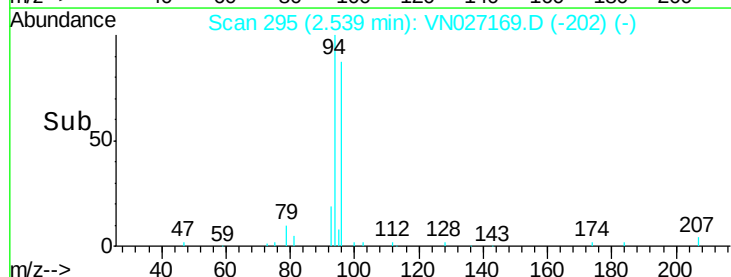
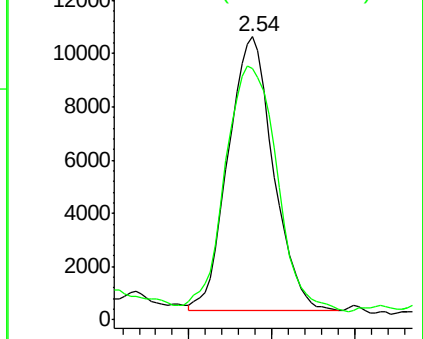
94 100

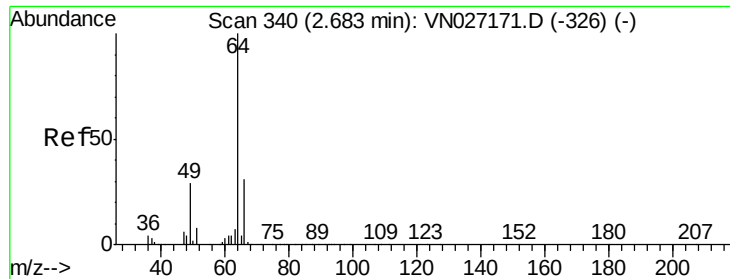
96 88.0 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#7

Chloroethane

Concen: 7.39 ug/l

RT: 2.68 min Scan# 340

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

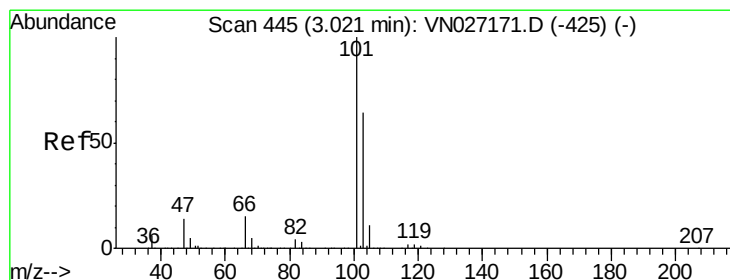
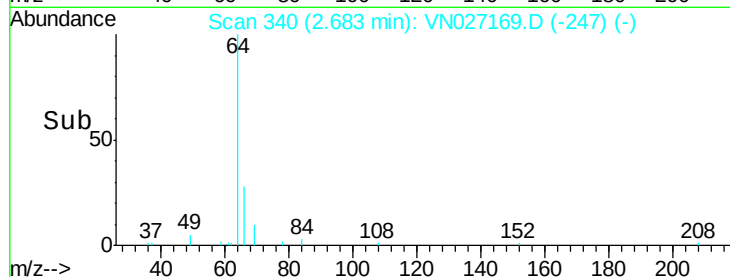
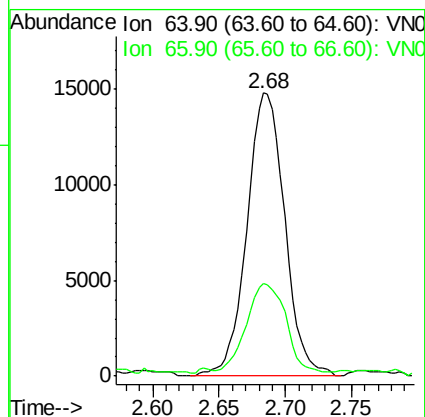
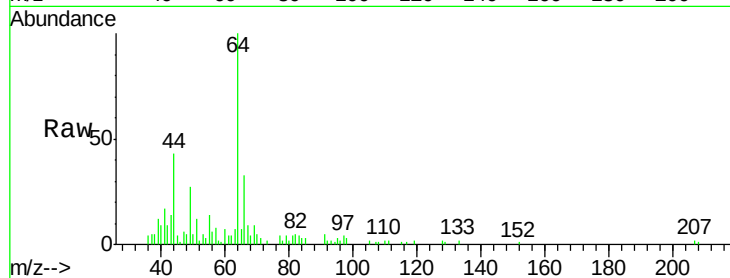
VSTDIC005

Tgt Ion: 64 Resp: 29482

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



#8

Trichlorofluoromethane

Concen: 7.35 ug/l

RT: 3.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VN027169.D

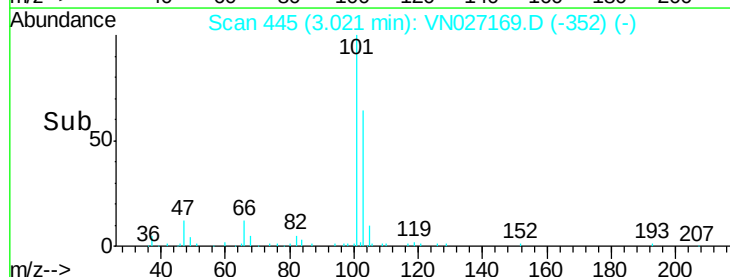
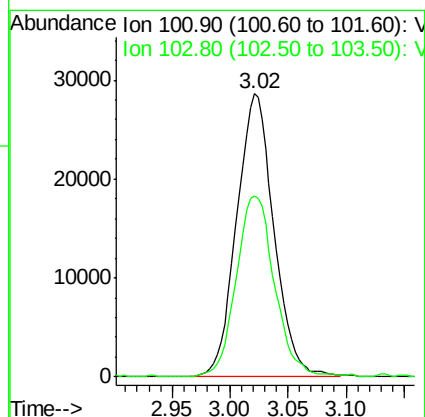
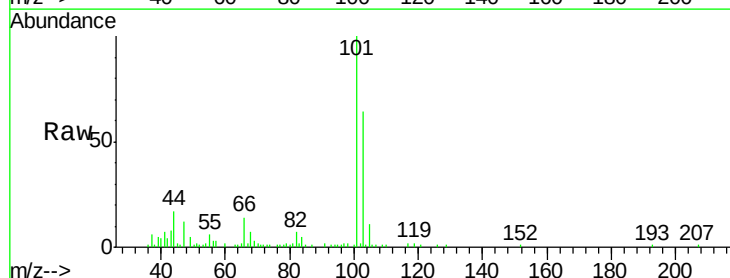
Acq: 15 Sep 2015 15:56

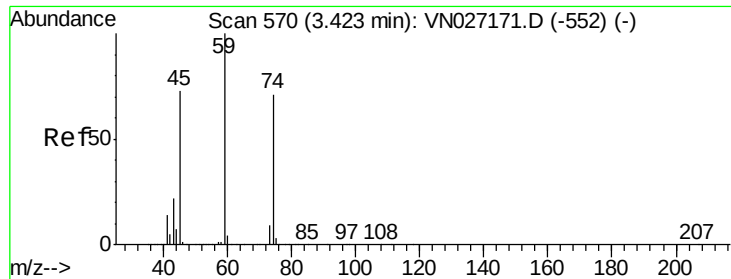
Tgt Ion: 101 Resp: 63859

Ion Ratio Lower Upper

101 100

103 63.8 52.6 79.0





#9

Diethyl Ether

Concen: 7.16 ug/l

RT: 3.43 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

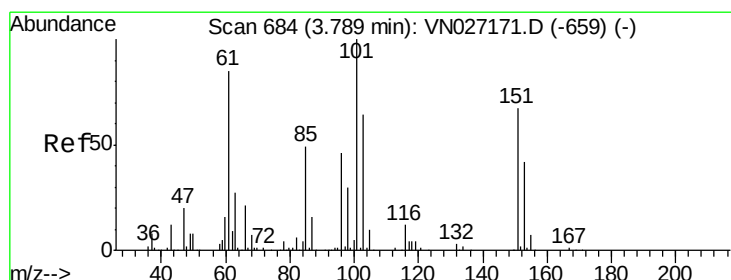
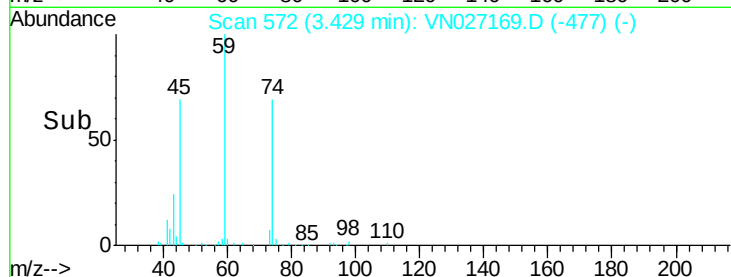
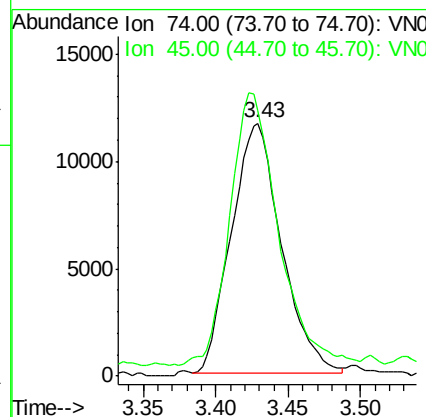
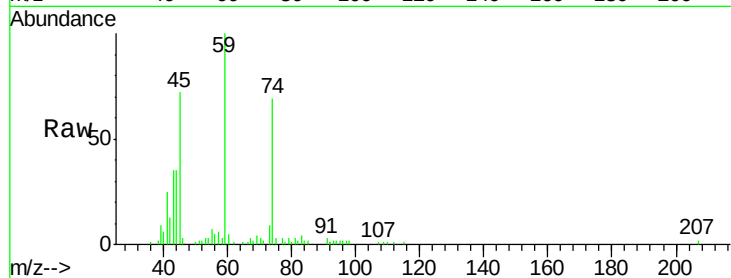
VSTDIC005

Tgt Ion: 74 Resp: 27920

Ion Ratio Lower Upper

74 100

45 105.1 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 6.77 ug/l

RT: 3.79 min Scan# 683

Delta R.T. -0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

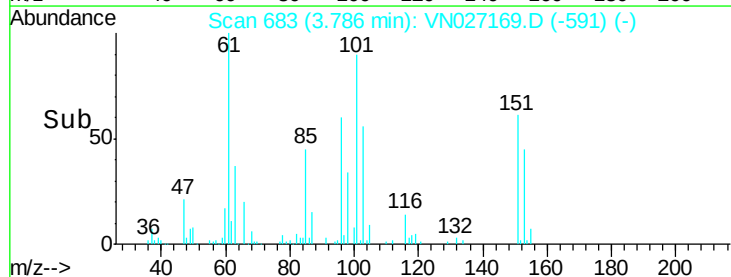
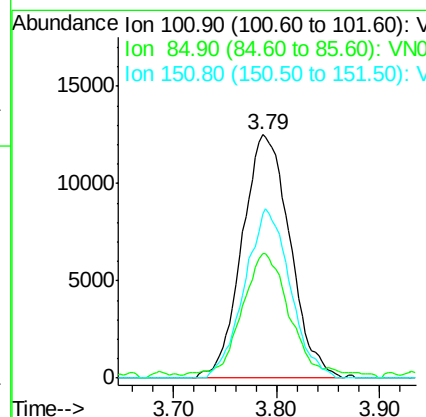
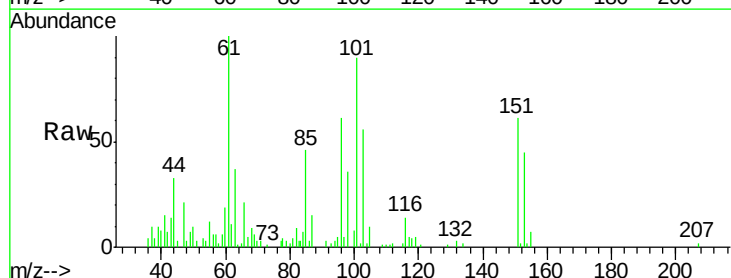
Tgt Ion: 101 Resp: 40371

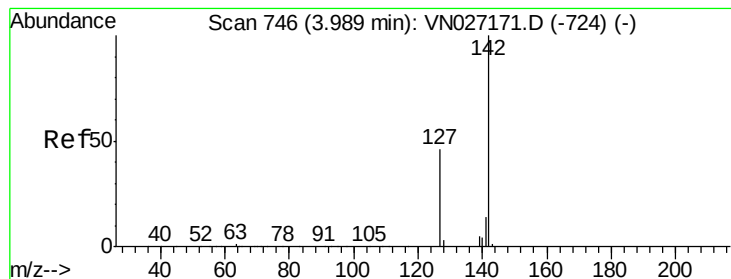
Ion Ratio Lower Upper

101 100

85 48.0 37.4 56.0

151 66.1 55.9 83.9





#11

Methyl Iodide

Concen: 5.21 ug/l

RT: 3.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

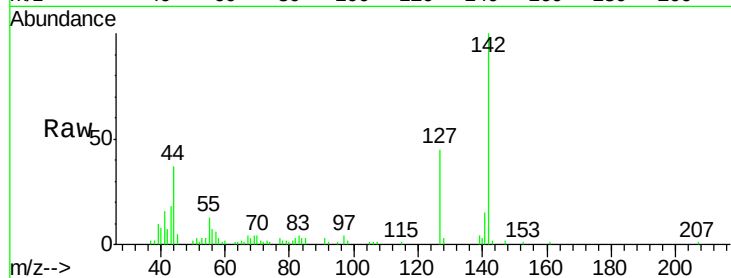
Tgt Ion:142 Resp: 35884

Ion Ratio Lower Upper

142 100

127 49.1 32.3 48.5#

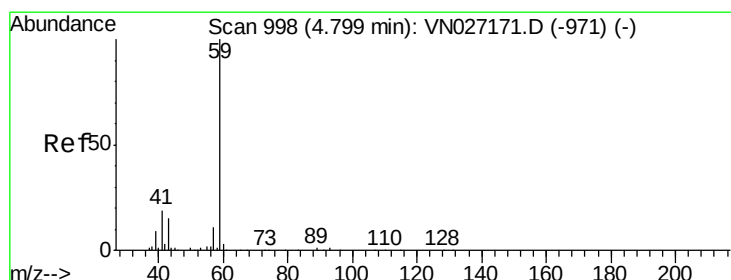
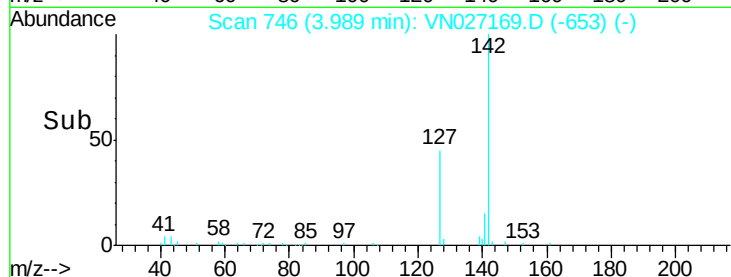
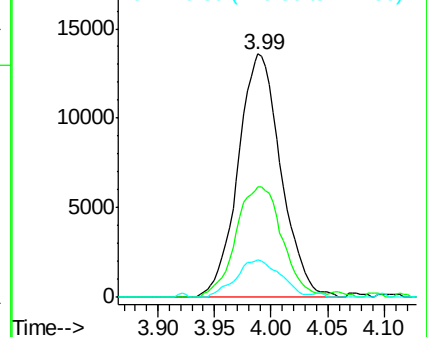
141 16.0 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#12

Tert butyl alcohol

Concen: 60.72 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN027169.D

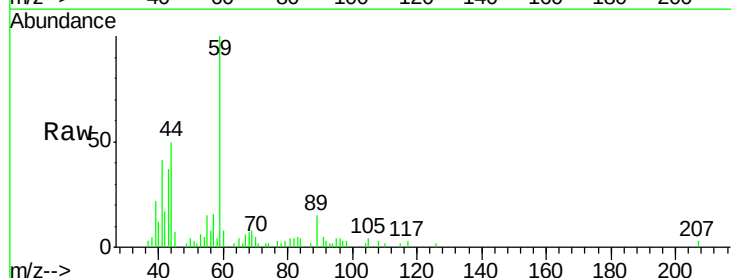
Acq: 15 Sep 2015 15:56

Tgt Ion: 59 Resp: 34270

Ion Ratio Lower Upper

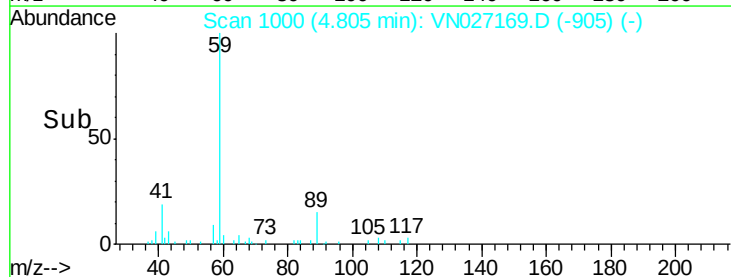
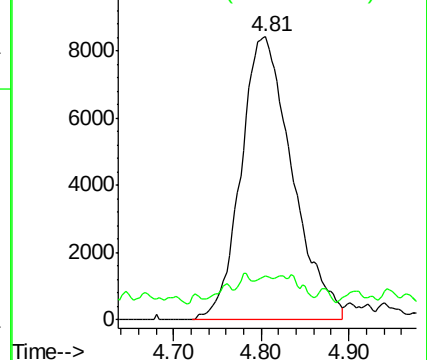
59 100

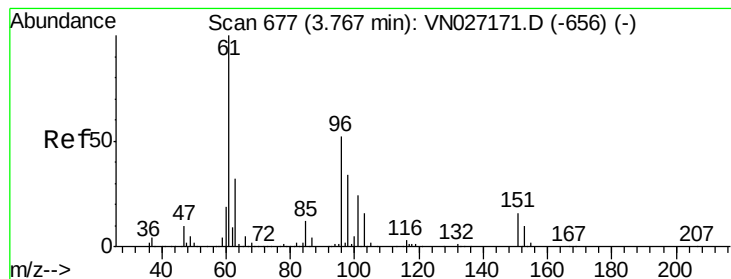
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

1,1-Dichloroethene

Concen: 6.72 ug/l

RT: 3.76 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

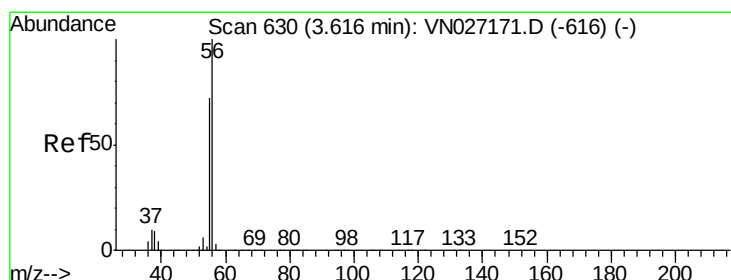
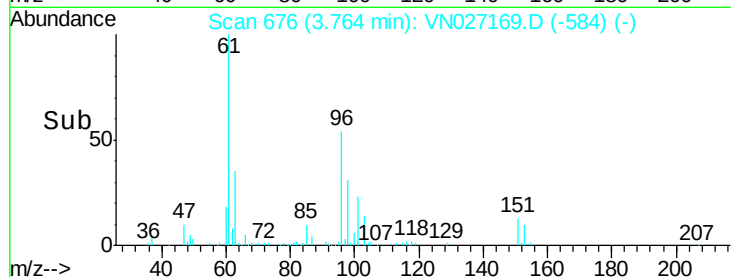
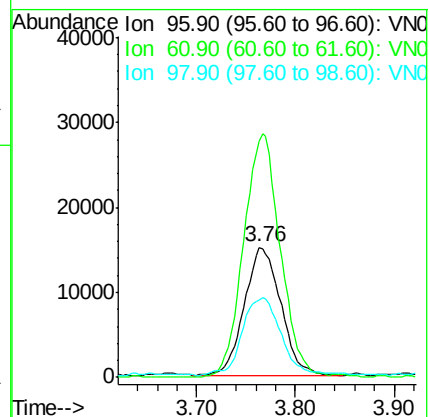
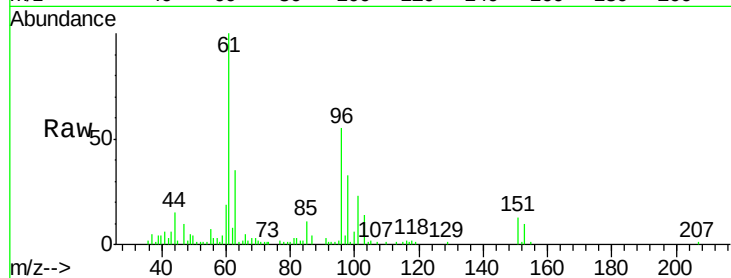
Tgt Ion: 96 Resp: 38441

Ion Ratio Lower Upper

96 100

61 184.8 143.8 215.8

98 58.8 50.3 75.5



#14

Acrolein

Concen: 36.21 ug/l

RT: 3.63 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN027169.D

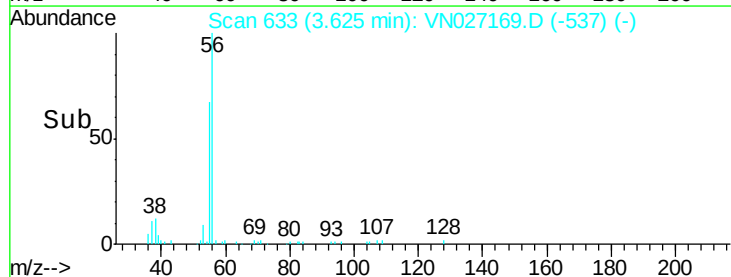
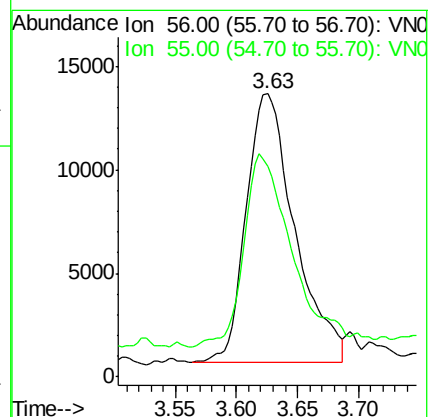
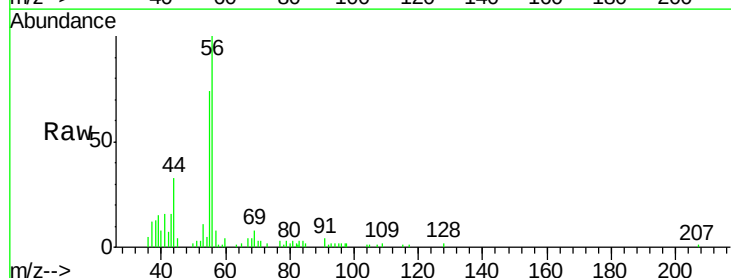
Acq: 15 Sep 2015 15:56

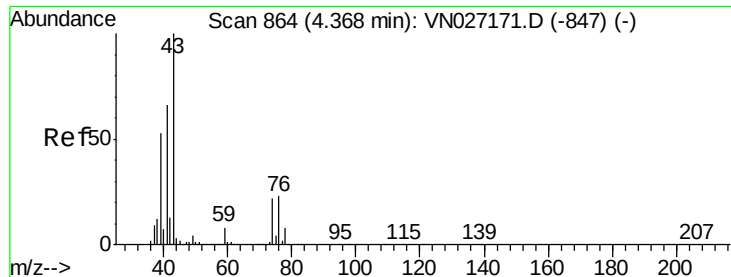
Tgt Ion: 56 Resp: 35522

Ion Ratio Lower Upper

56 100

55 70.8 55.7 83.5

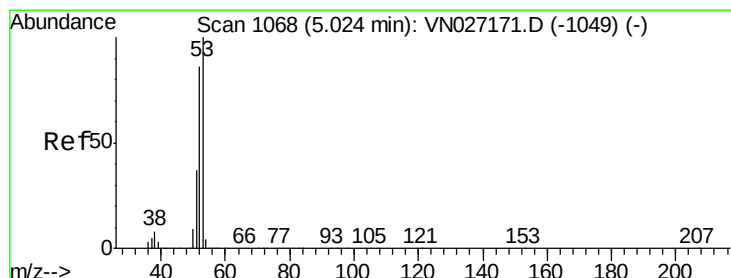
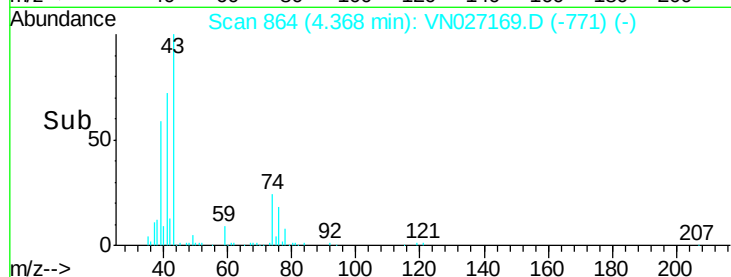
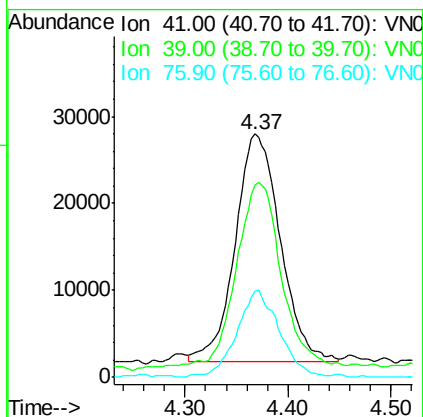
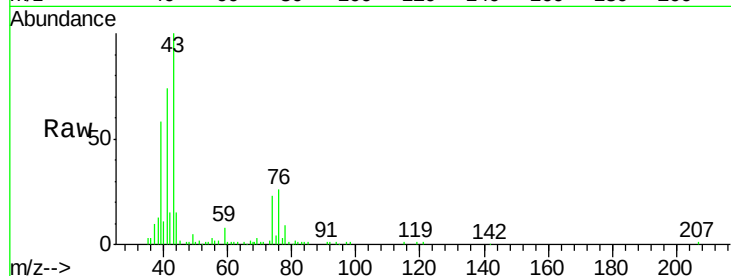




#15
 Allyl chloride
 Concen: 8.20 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

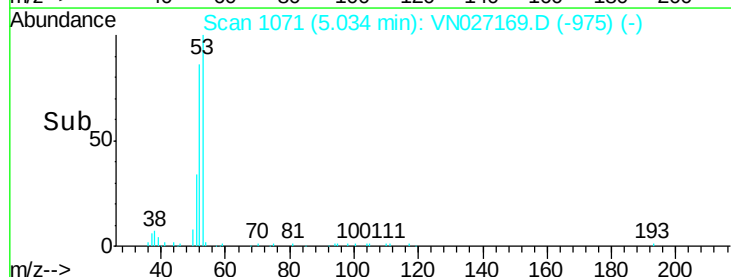
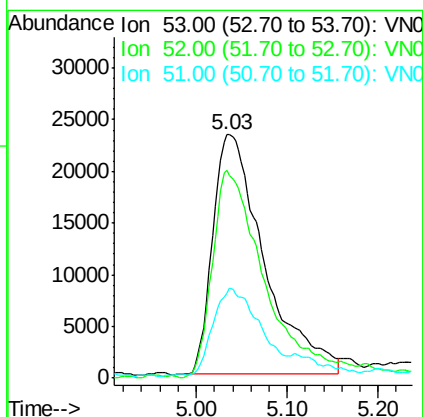
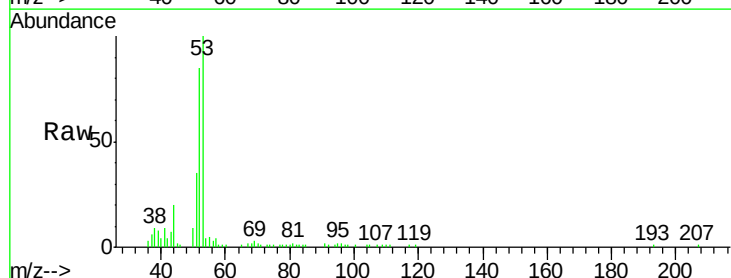
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

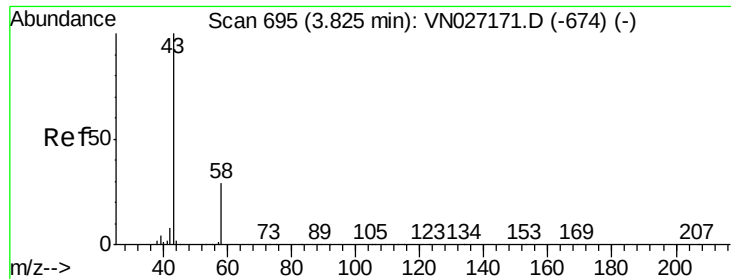
Tgt Ion: 41 Resp: 79819
 Ion Ratio Lower Upper
 41 100
 39 78.0 49.7 74.5#
 76 34.0 24.8 37.2



#16
 Acrylonitrile
 Concen: 33.77 ug/l
 RT: 5.03 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion: 53 Resp: 91472
 Ion Ratio Lower Upper
 53 100
 52 86.3 66.9 100.3
 51 32.5 27.4 41.0





#17

Acetone

Concen: 36.68 ug/l

RT: 3.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

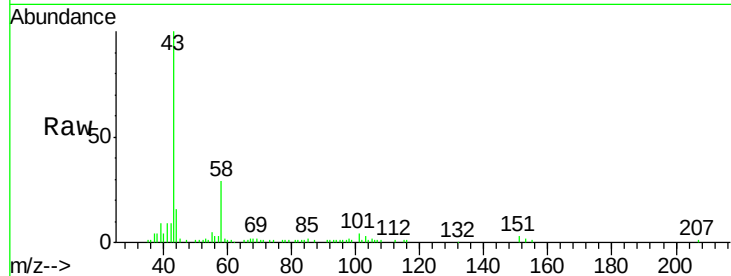
VSTDIC005

Tgt Ion: 43 Resp: 85853

Ion Ratio Lower Upper

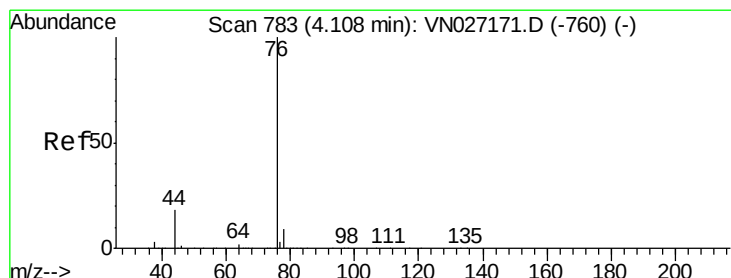
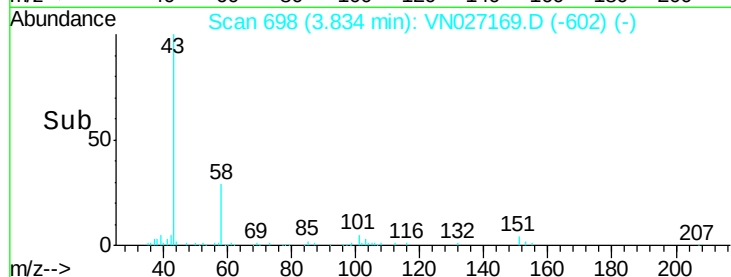
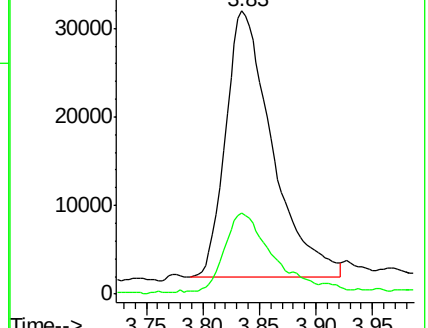
43 100

58 29.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN027171.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN027171.D (-674) (-)



#18

Carbon Disulfide

Concen: 6.86 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027169.D

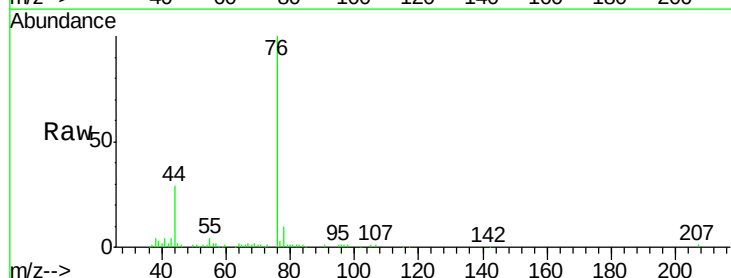
Acq: 15 Sep 2015 15:56

Tgt Ion: 76 Resp: 122986

Ion Ratio Lower Upper

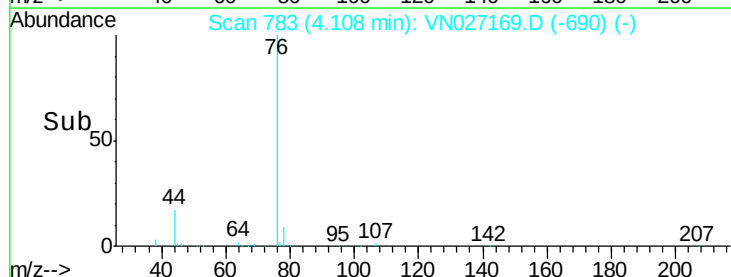
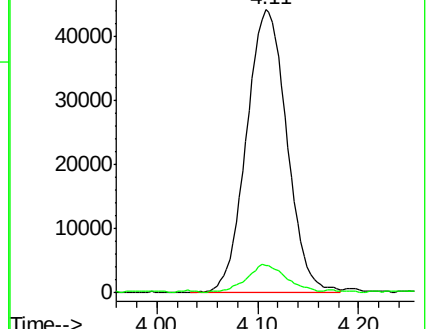
76 100

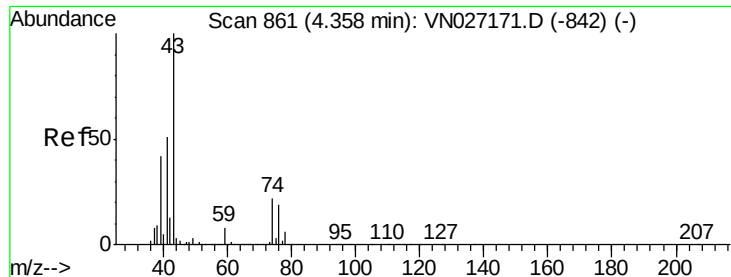
78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN027171.D (-760) (-)

Ion 77.90 (77.60 to 78.60): VN027171.D (-760) (-)

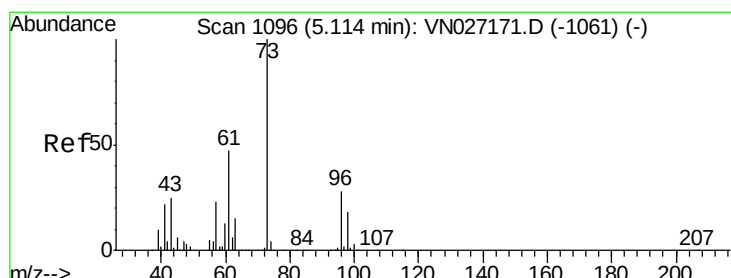
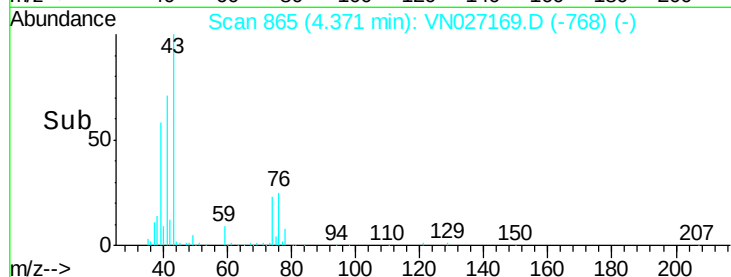
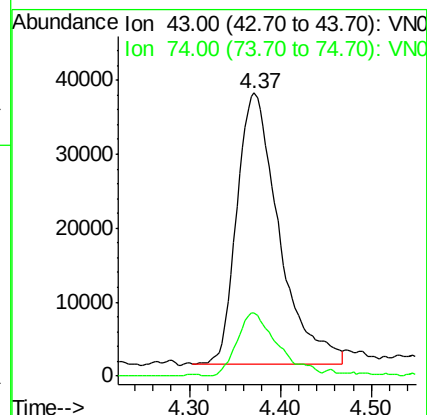
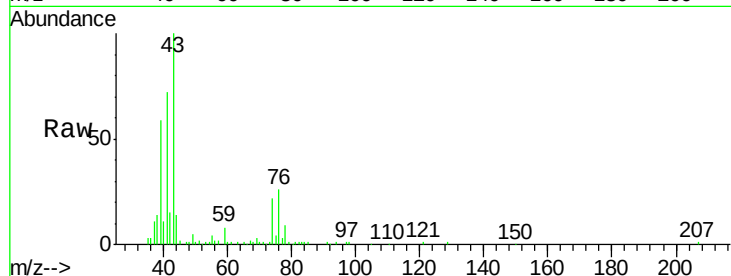




#19
Methyl Acetate
Concen: 7.65 ug/l
RT: 4.37 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

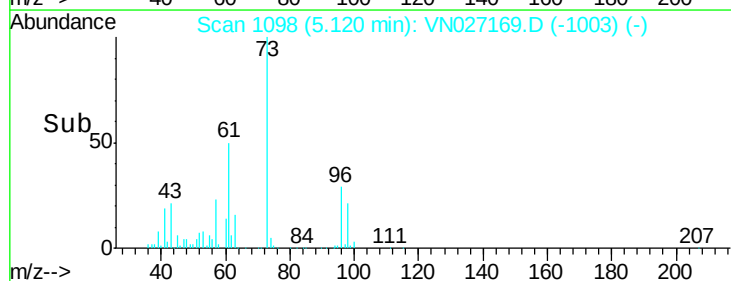
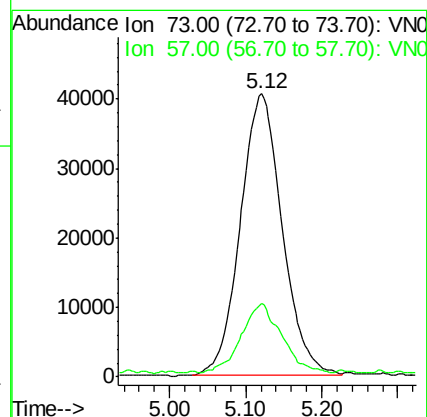
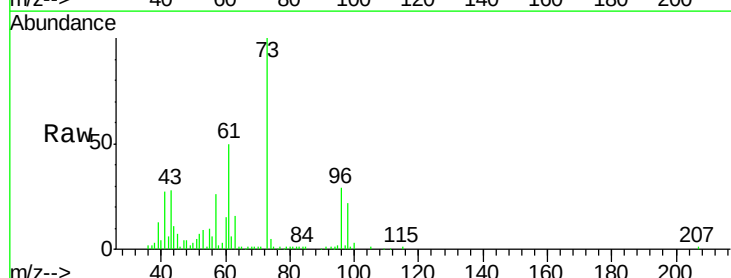
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

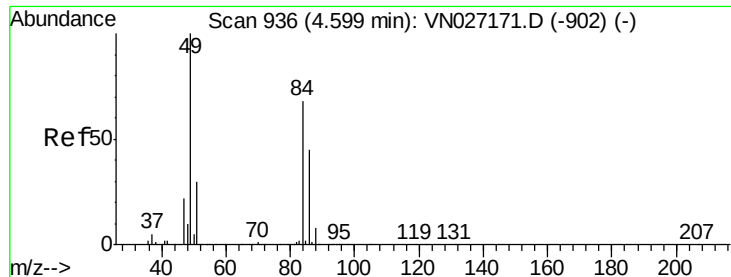
Tgt Ion: 43 Resp: 118003
Ion Ratio Lower Upper
43 100
74 22.7 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 7.99 ug/l
RT: 5.12 min Scan# 1098
Delta R.T. 0.01 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

Tgt Ion: 73 Resp: 154943
Ion Ratio Lower Upper
73 100
57 24.1 19.8 29.6

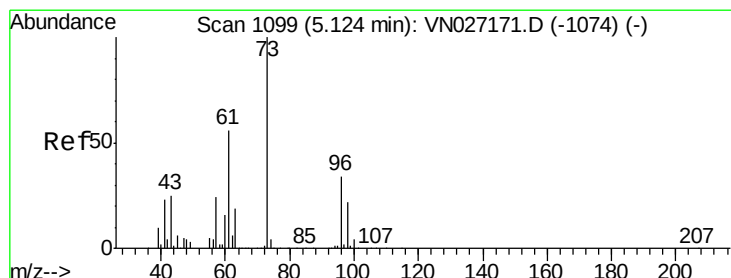
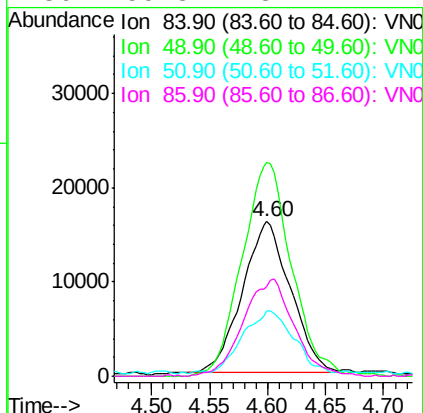
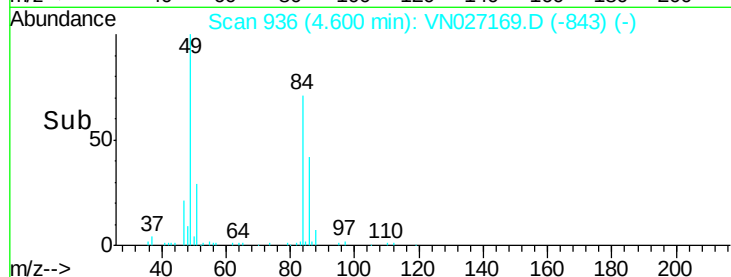
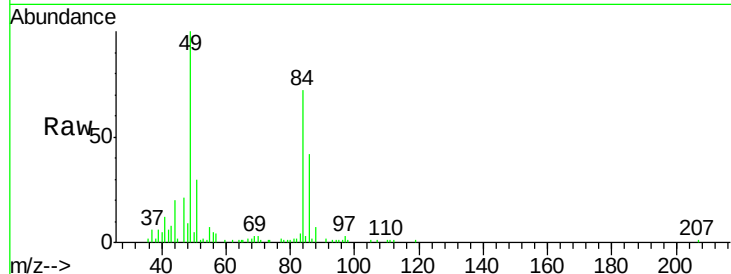




#21
Methylene Chloride
Concen: 6.67 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

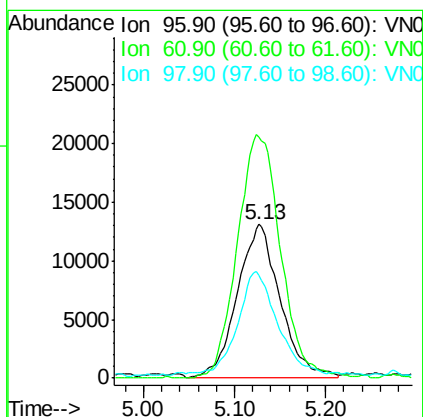
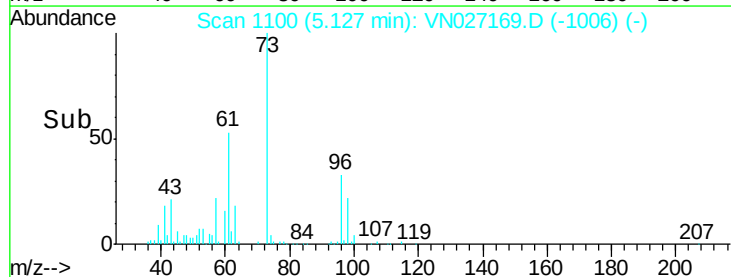
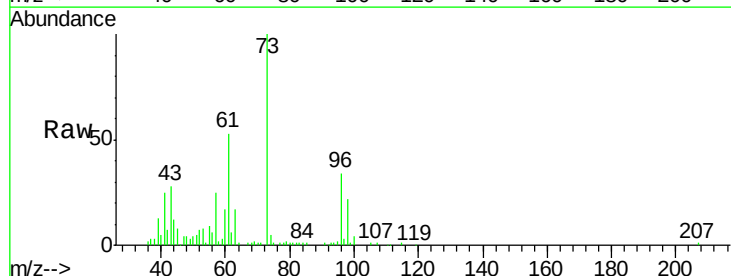
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

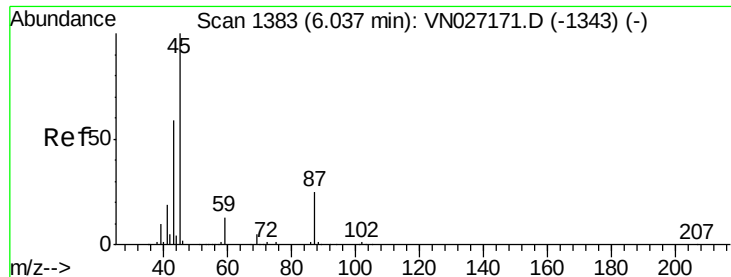
Tgt Ion:	84	Resp:	46460
Ion	Ratio	Lower	Upper
84	100		
49	141.3	112.3	168.5
51	40.8	33.8	50.8
86	59.3	48.2	72.4



#22
trans-1,2-Dichloroethene
Concen: 6.70 ug/l
RT: 5.13 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

Tgt Ion:	96	Resp:	42990
Ion	Ratio	Lower	Upper
96	100		
61	156.8	126.6	189.8
98	63.3	47.4	71.2

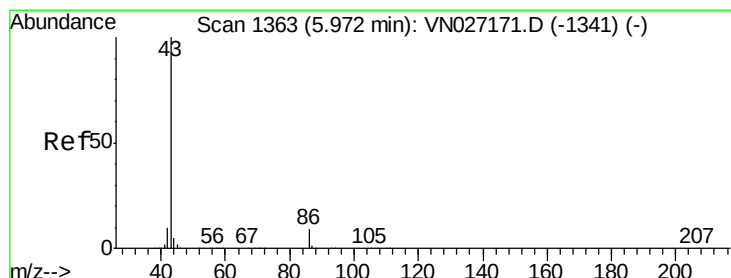
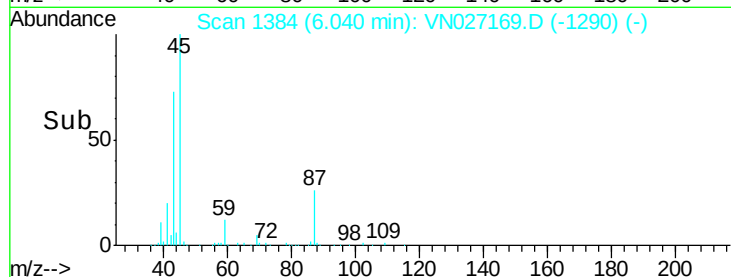
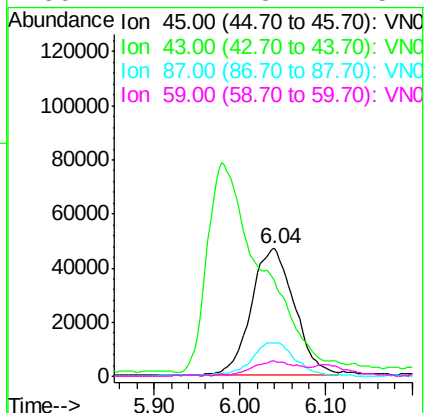
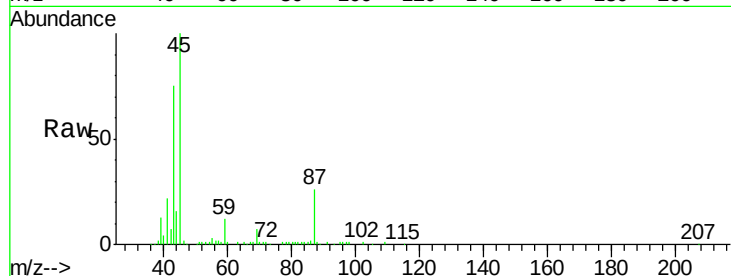




#23
 Diisopropyl ether
 Concen: 7.76 ug/l
 RT: 6.04 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

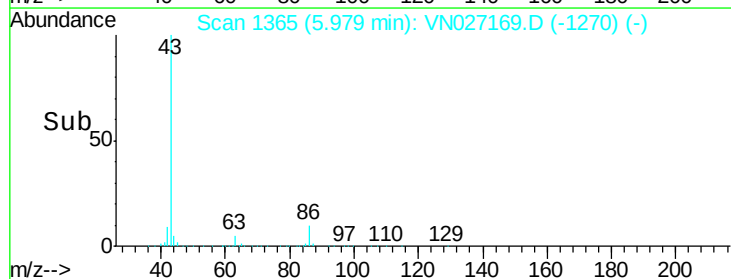
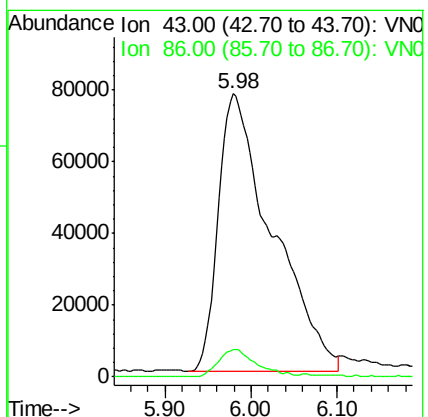
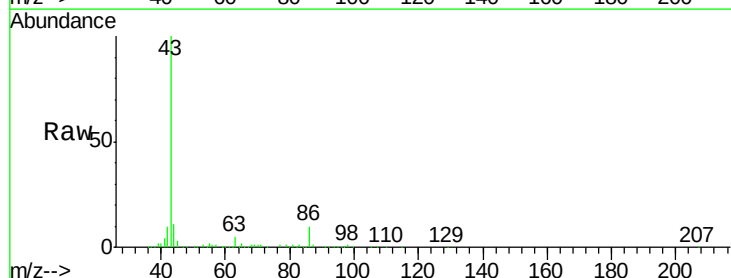
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

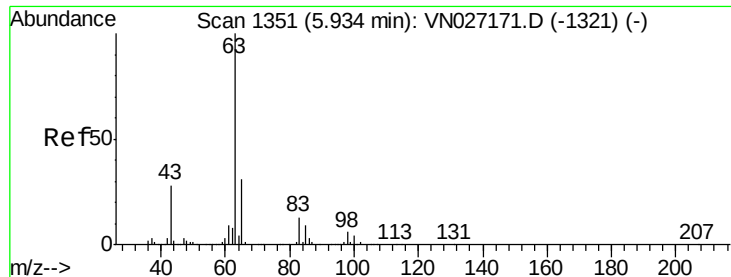
Tgt Ion:	45	Resp:	163297
Ion	Ratio	Lower	Upper
45	100		
43	66.1	41.0	61.6#
87	25.5	17.5	26.3
59	11.1	8.7	13.1



#24
 Vinyl Acetate
 Concen: 53.48 ug/l
 RT: 5.98 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion:	43	Resp:	337842
Ion	Ratio	Lower	Upper
43	100		
86	9.5	6.9	10.3

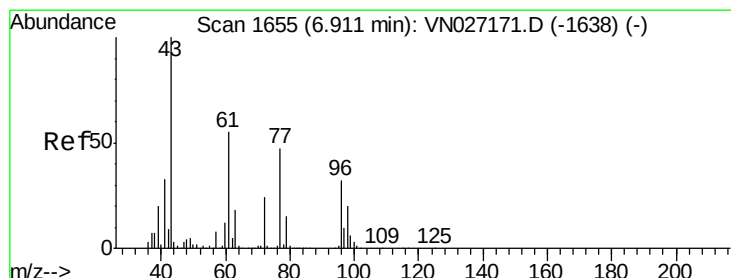
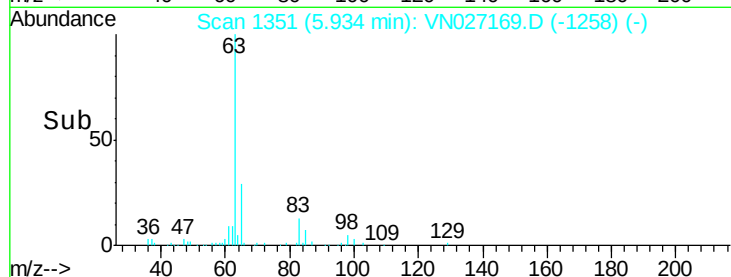
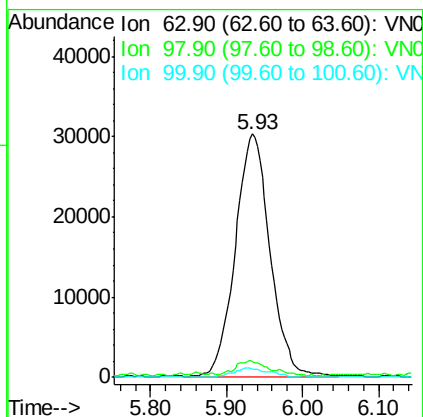
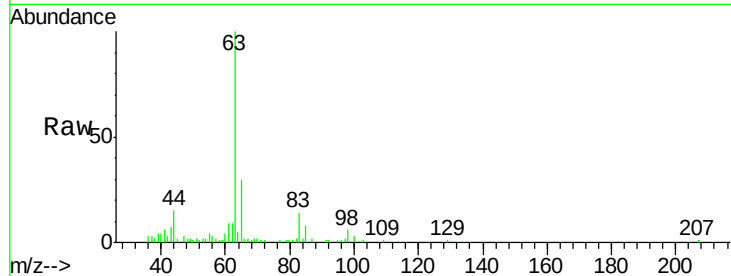




#25
 1,1-Dichloroethane
 Concen: 8.11 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

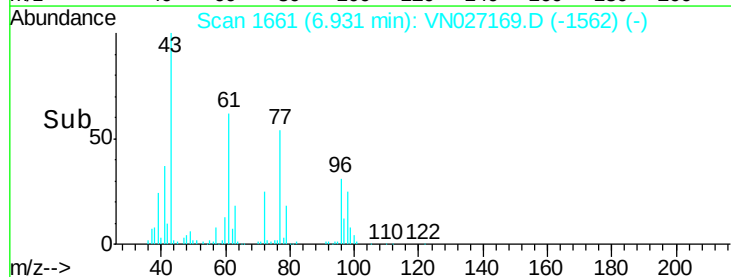
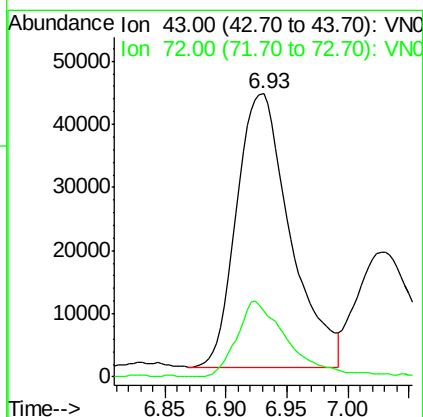
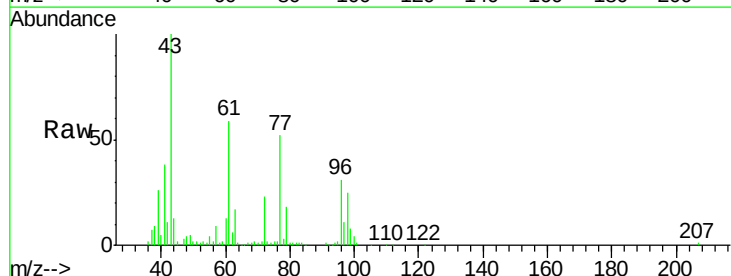
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

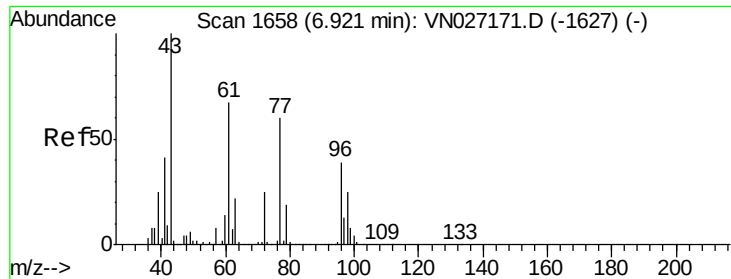
Tgt Ion: 63 Resp: 96792
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.8 8.3
 100 3.4 1.7 5.0



#26
 2-Butanone
 Concen: 41.18 ug/l
 RT: 6.93 min Scan# 1661
 Delta R.T. 0.02 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion: 43 Resp: 132222
 Ion Ratio Lower Upper
 43 100
 72 24.1 18.8 28.2

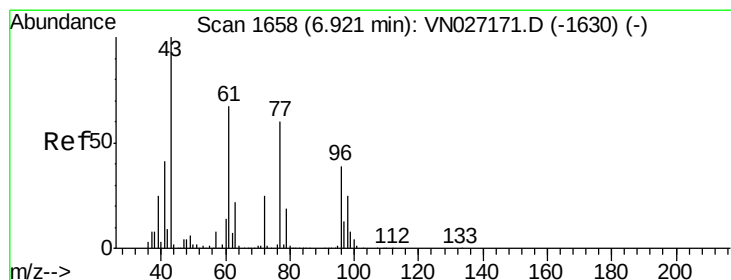
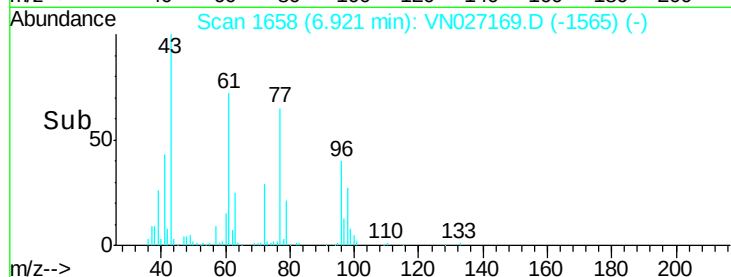
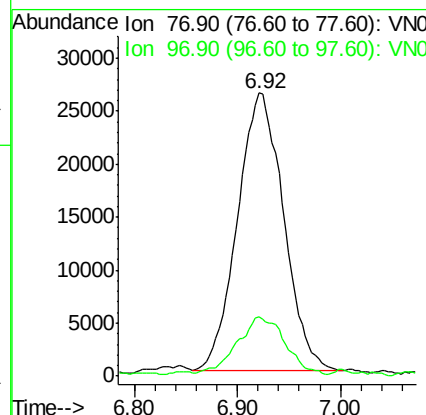
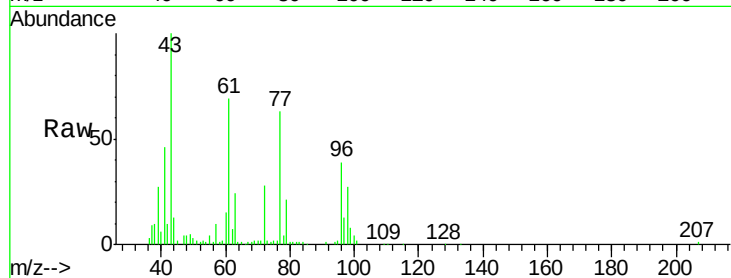




#27
 2,2-Dichloropropane
 Concen: 8.66 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

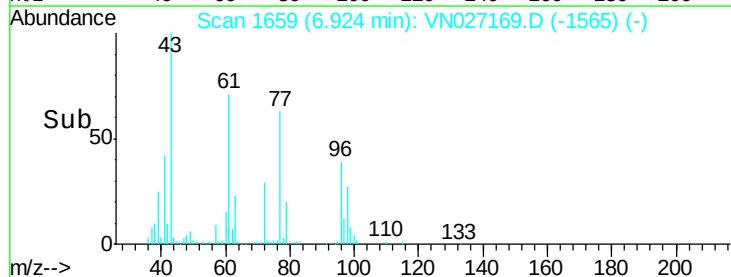
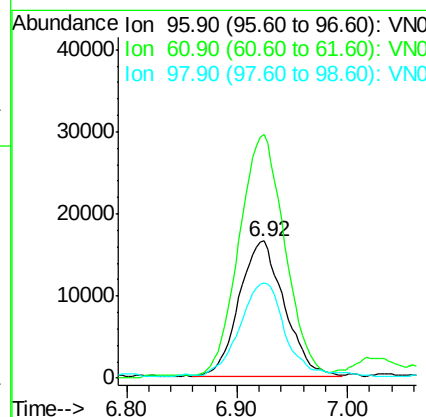
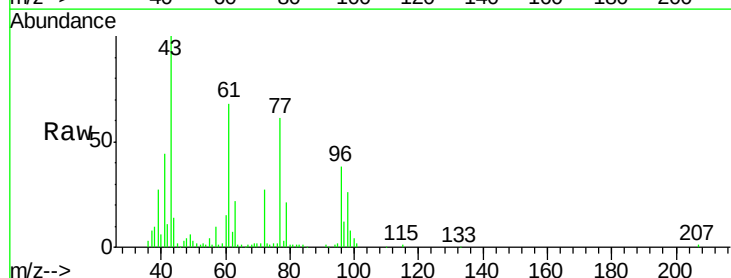
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

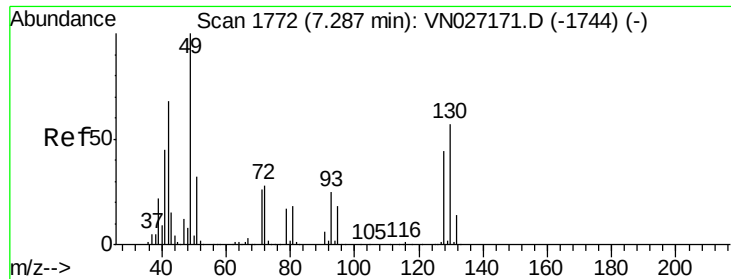
Tgt Ion: 77 Resp: 81612
 Ion Ratio Lower Upper
 77 100
 97 21.1 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 6.26 ug/l
 RT: 6.92 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion: 96 Resp: 46908
 Ion Ratio Lower Upper
 96 100
 61 178.7 0.0 329.2
 98 66.8 0.0 126.0





#29

Bromochloromethane

Concen: 6.36 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

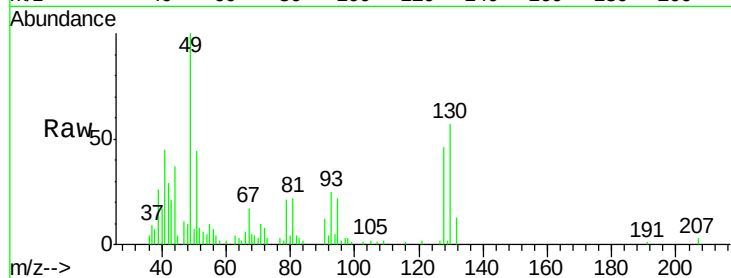
Tgt Ion: 49 Resp: 36528

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.2

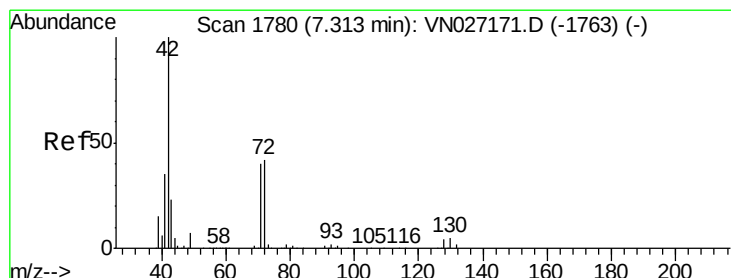
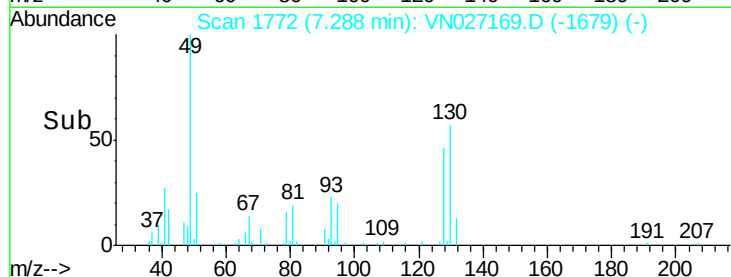
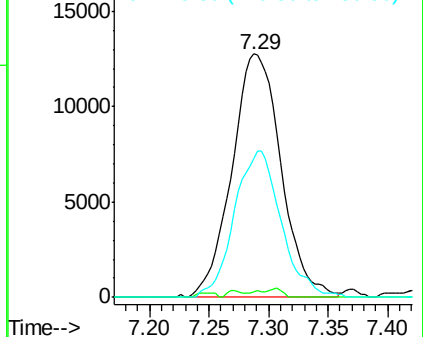
130 57.1 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0



#30

Tetrahydrofuran

Concen: 38.70 ug/l

RT: 7.32 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

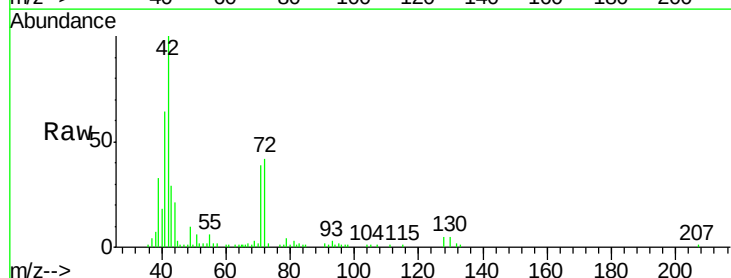
Tgt Ion: 42 Resp: 81740

Ion Ratio Lower Upper

42 100

72 44.1 29.9 44.9

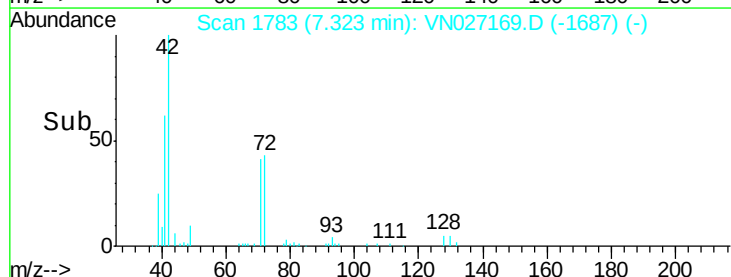
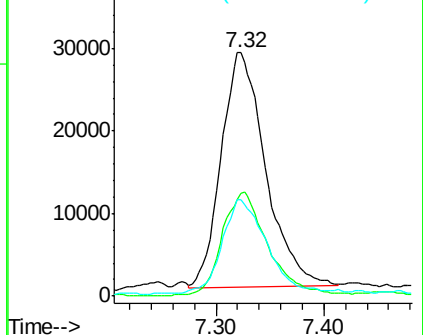
71 40.1 28.3 42.5

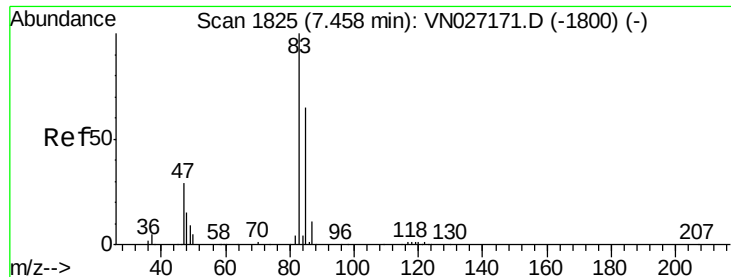


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Chloroform

Concen: 7.34 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

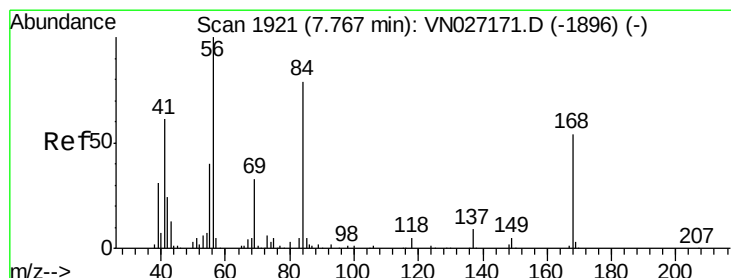
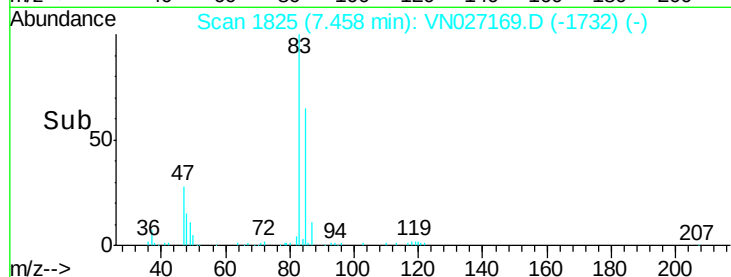
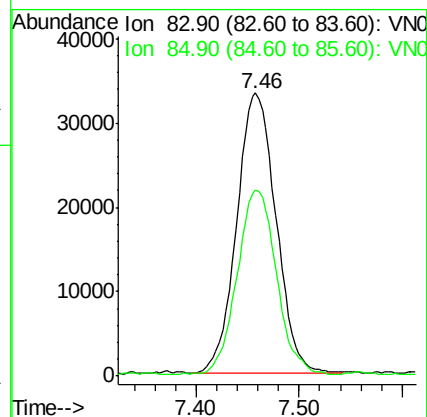
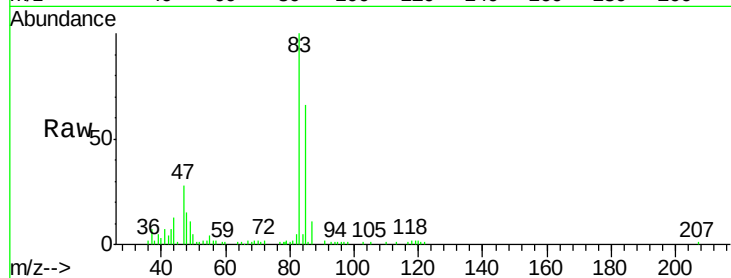
VSTDIC005

Tgt Ion: 83 Resp: 88318

Ion Ratio Lower Upper

83 100

85 65.3 51.1 76.7



#32

Cyclohexane

Concen: 7.30 ug/l

RT: 7.76 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

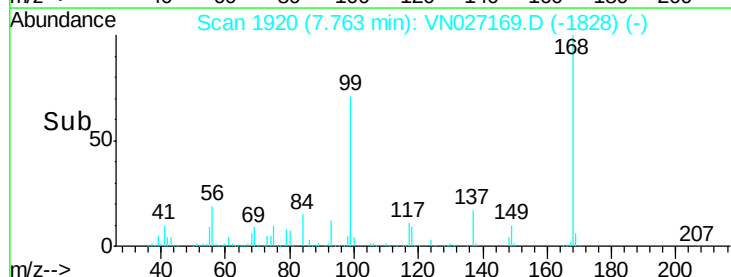
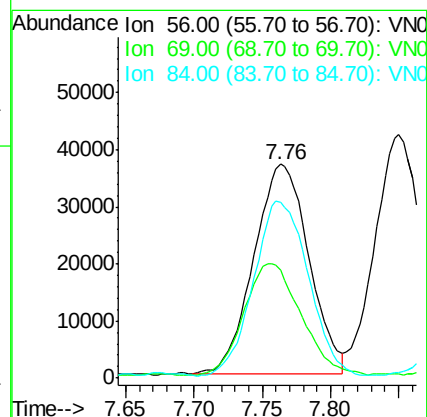
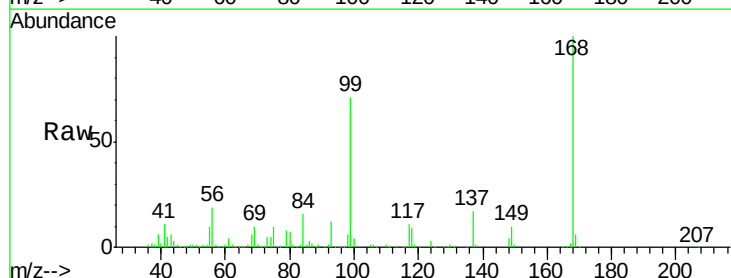
Tgt Ion: 56 Resp: 102095

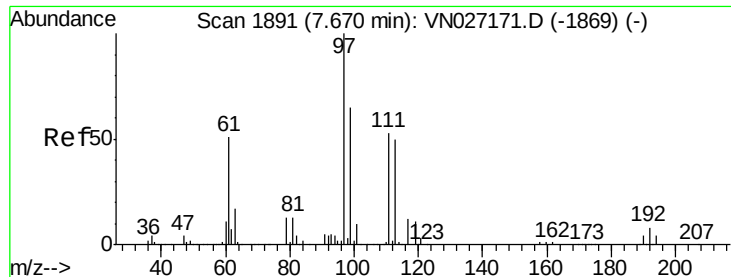
Ion Ratio Lower Upper

56 100

69 50.3 23.0 34.4#

84 82.7 57.8 86.8

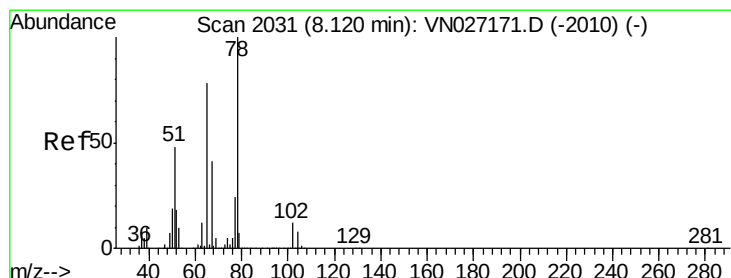
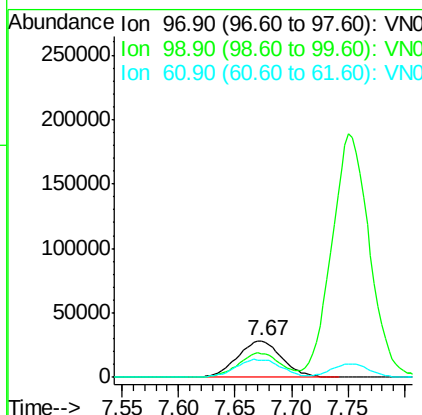
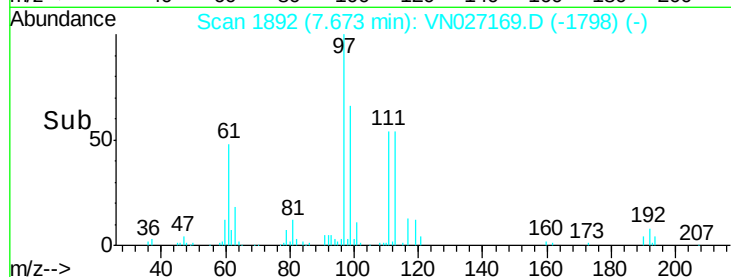
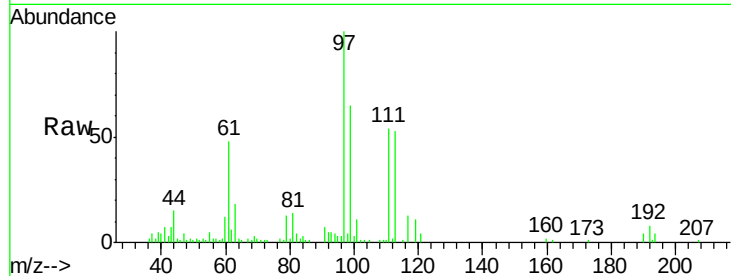




#33
 1,1,1-Trichloroethane
 Concen: 7.50 ug/l
 RT: 7.67 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

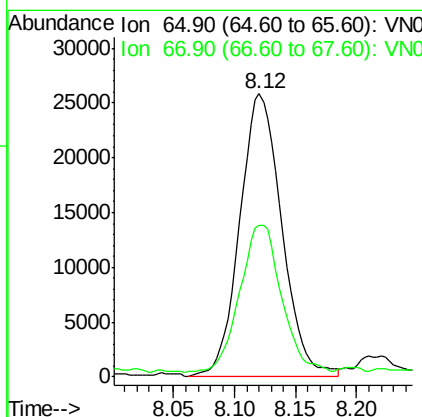
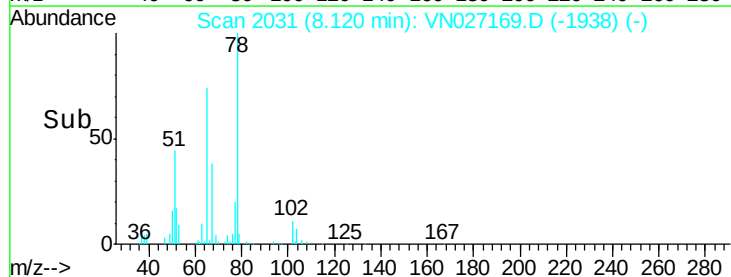
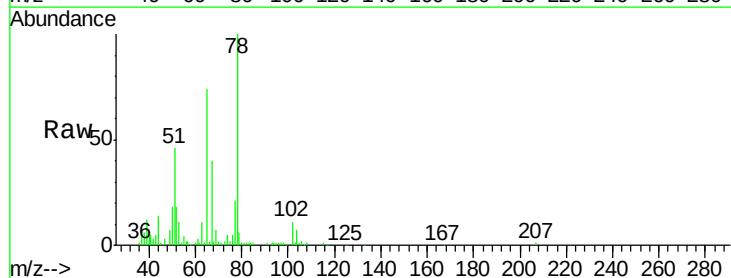
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

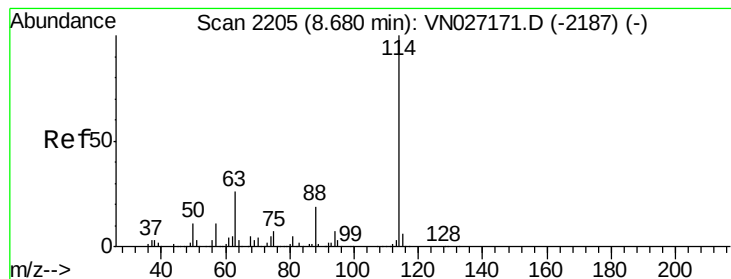
Tgt Ion: 97 Resp: 76467
 Ion Ratio Lower Upper
 97 100
 99 64.8 50.1 75.1
 61 51.4 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 7.79 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion: 65 Resp: 61639
 Ion Ratio Lower Upper
 65 100
 67 51.1 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: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

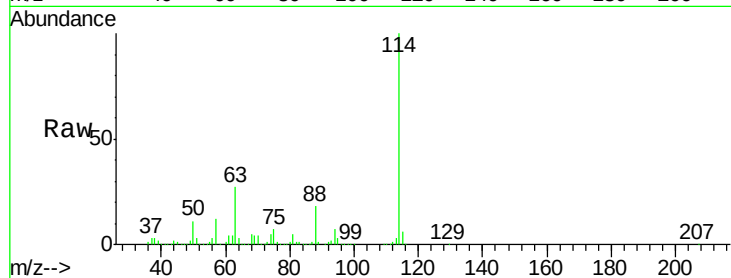
Tgt Ion:114 Resp: 1132505

Ion Ratio Lower Upper

114 100

63 26.8 0.0 48.8

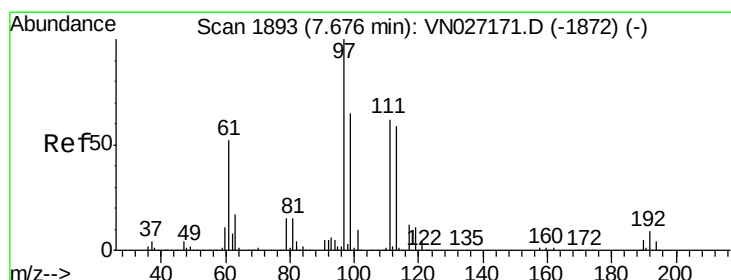
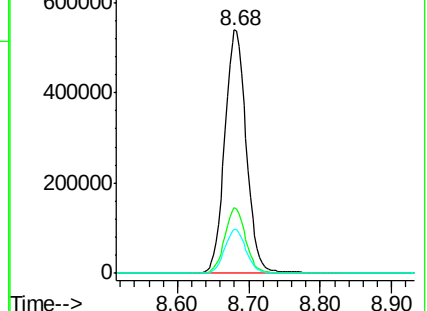
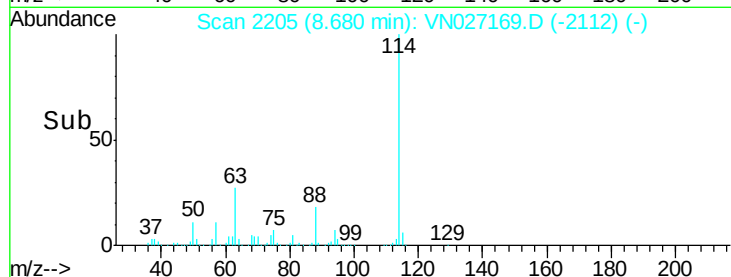
88 18.3 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#36

Dibromofluoromethane

Concen: 5.72 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

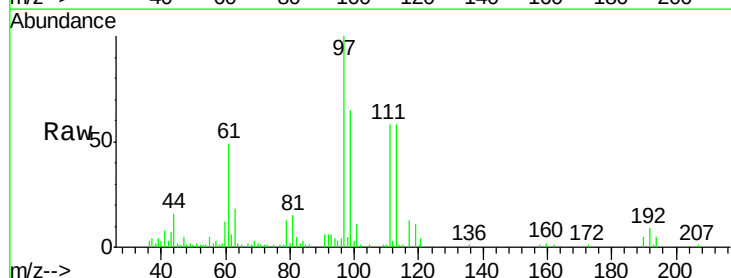
Tgt Ion:113 Resp: 39684

Ion Ratio Lower Upper

113 100

111 100.0 83.0 124.4

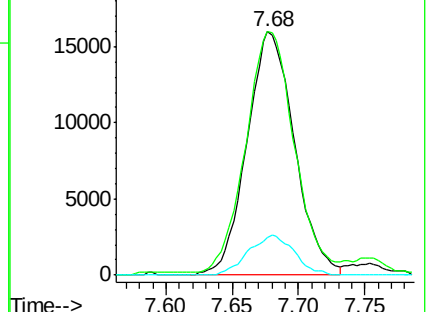
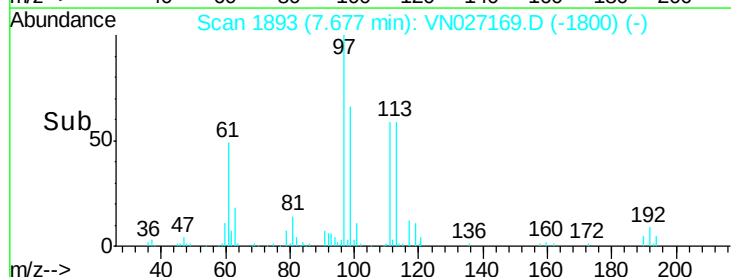
192 15.9 14.1 21.1

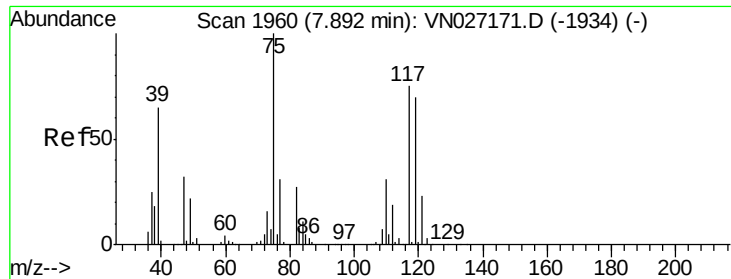


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

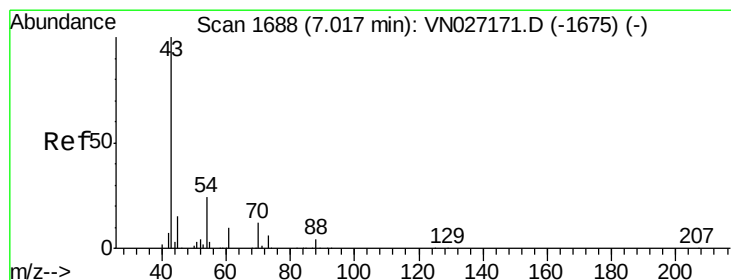
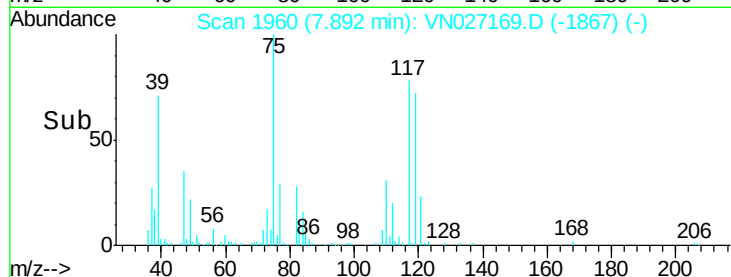
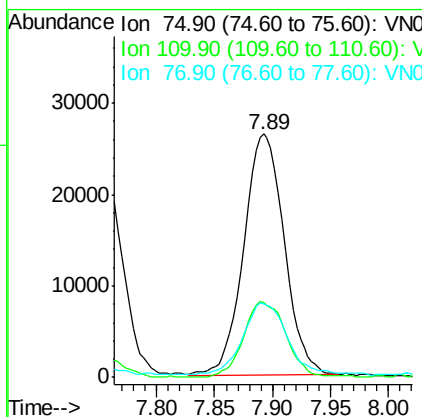
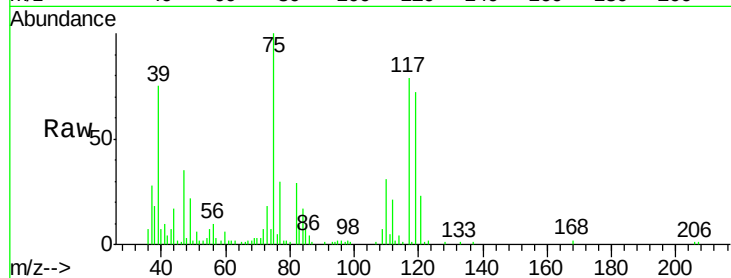




#37
 1,1-Dichloropropene
 Concen: 6.04 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

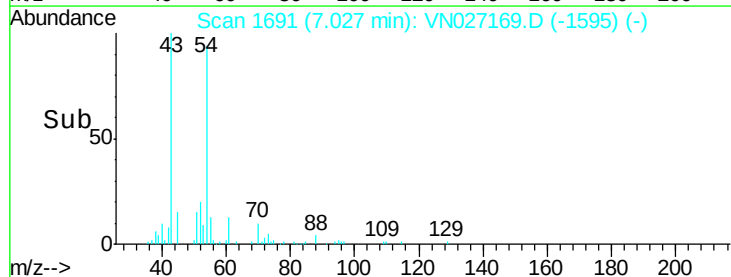
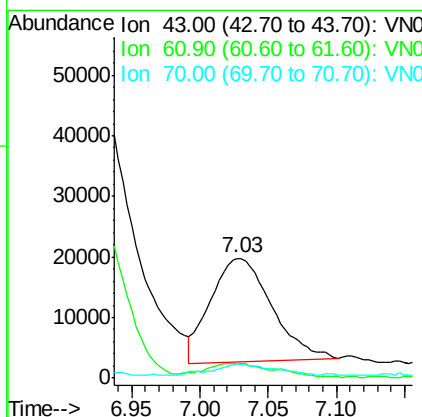
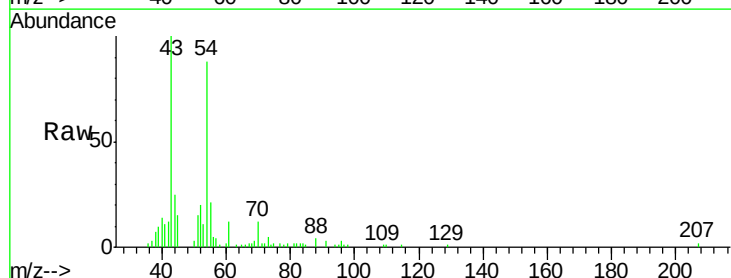
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

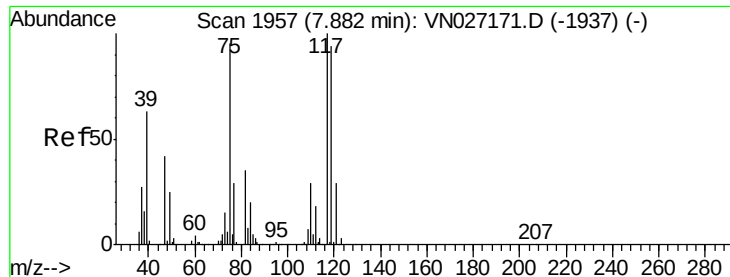
Tgt Ion: 75 Resp: 64183
 Ion Ratio Lower Upper
 75 100
 110 32.7 15.9 47.7
 77 32.5 24.9 37.3



#38
 Ethyl Acetate
 Concen: 6.99 ug/l
 RT: 7.03 min Scan# 1691
 Delta R.T. 0.01 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion: 43 Resp: 52704
 Ion Ratio Lower Upper
 43 100
 61 8.7 10.2 15.4#
 70 10.1 7.4 11.0





#39

Carbon Tetrachloride

Concen: 6.38 ug/l

RT: 7.89 min Scan# 1958

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

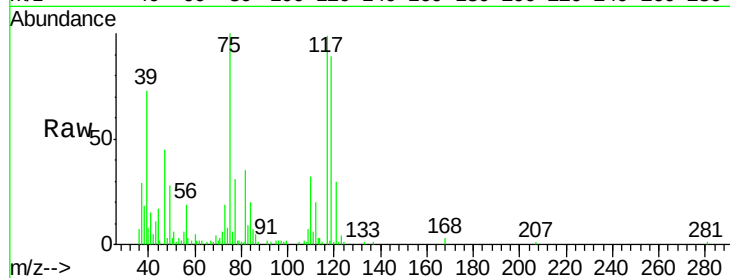
Tgt Ion:117 Resp: 64072

Ion Ratio Lower Upper

117 100

119 88.8 75.3 112.9

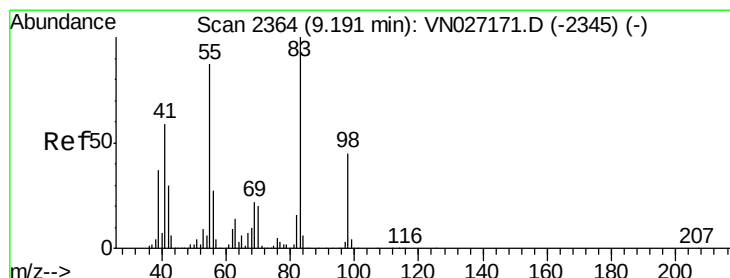
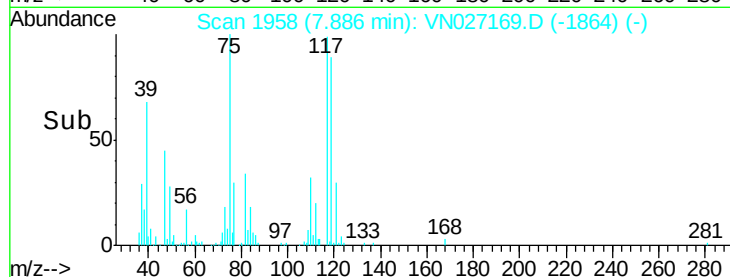
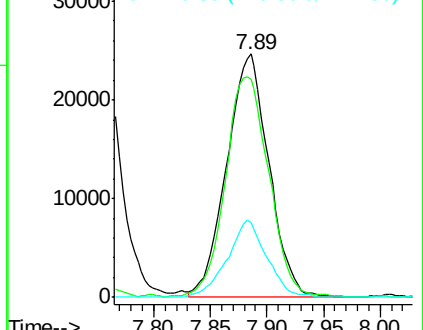
121 30.4 23.8 35.8



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: 6.02 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

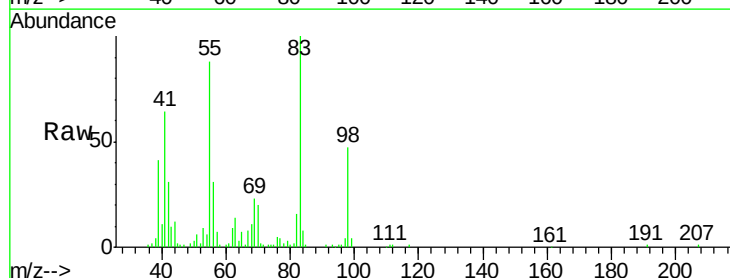
Tgt Ion: 83 Resp: 77422

Ion Ratio Lower Upper

83 100

55 85.8 69.8 104.8

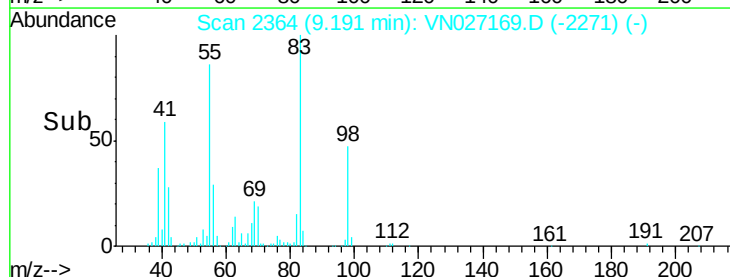
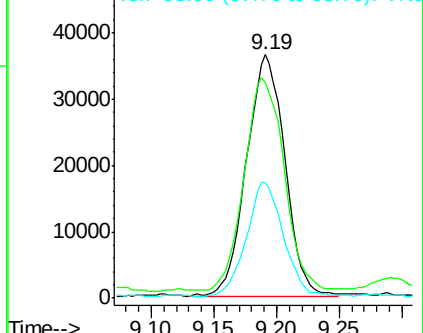
98 46.7 34.3 51.5

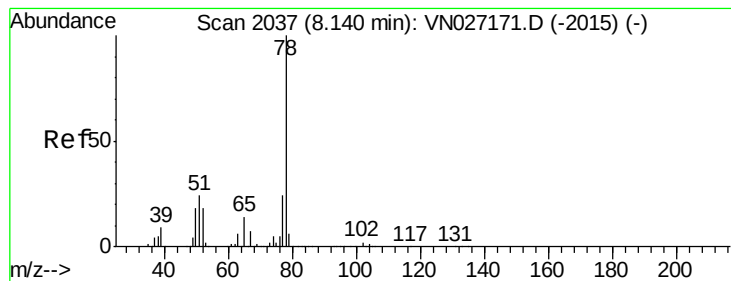


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Benzene

Concen: 5.97 ug/l

RT: 8.14 min Scan# 2038

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

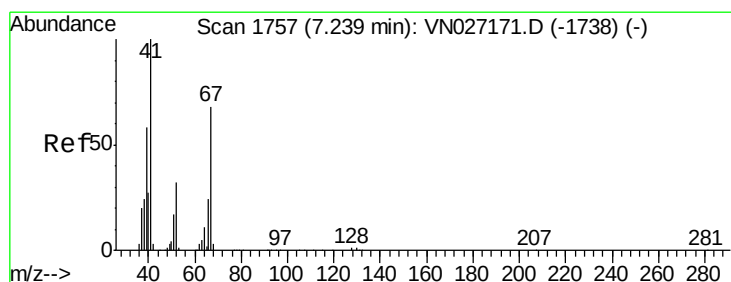
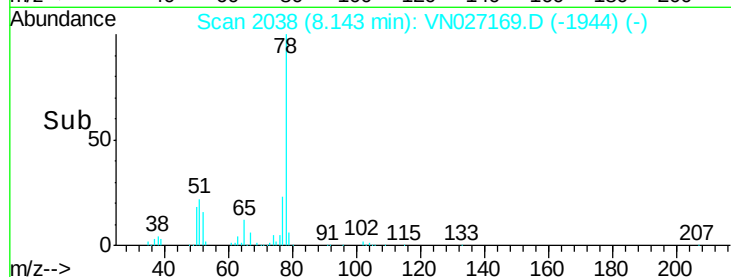
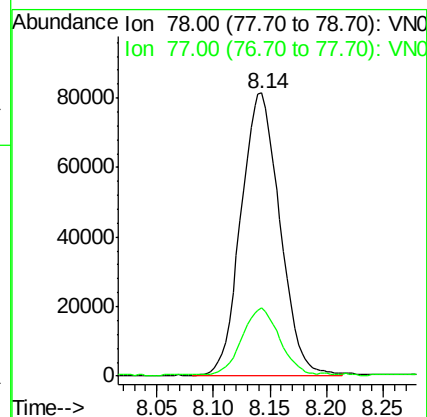
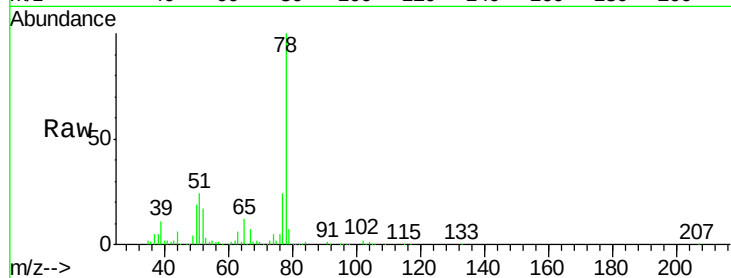
VSTDIC005

Tgt Ion: 78 Resp: 195871

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.4



#42

Methacrylonitrile

Concen: 6.53 ug/l

RT: 7.25 min Scan# 1760

Delta R.T. 0.01 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Tgt Ion: 41 Resp: 31883

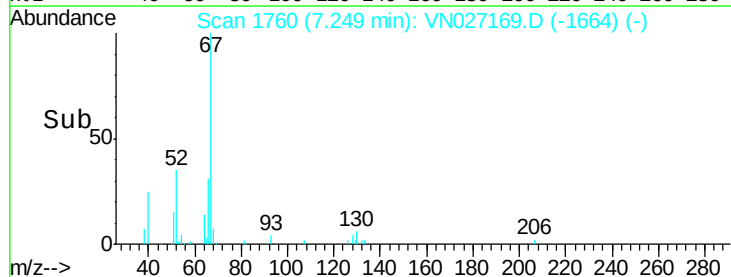
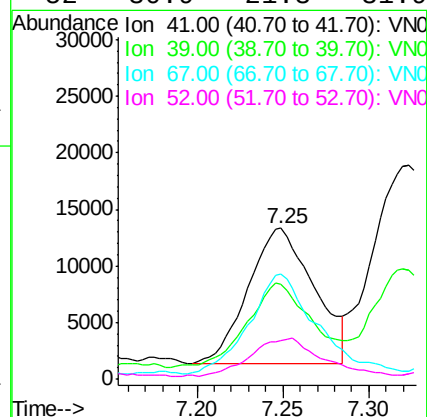
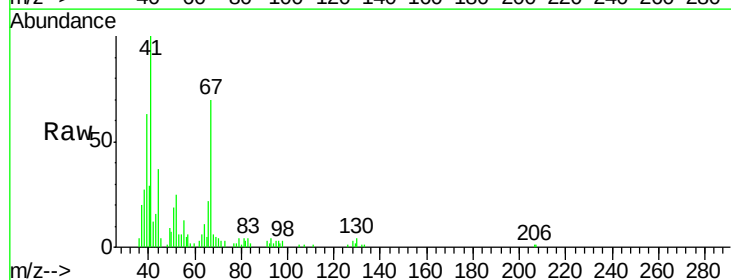
Ion Ratio Lower Upper

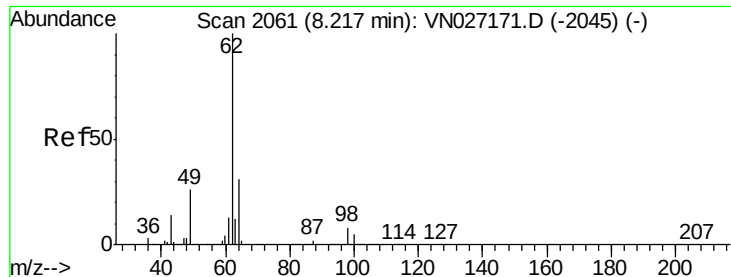
41 100

39 62.3 43.0 64.6

67 75.7 52.2 78.2

52 30.9 21.3 31.9

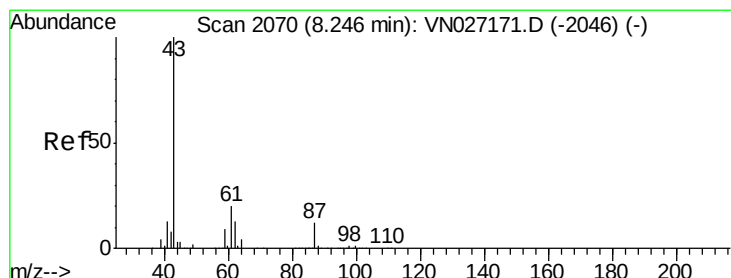
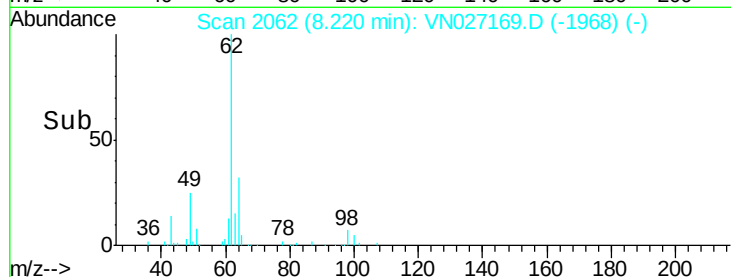
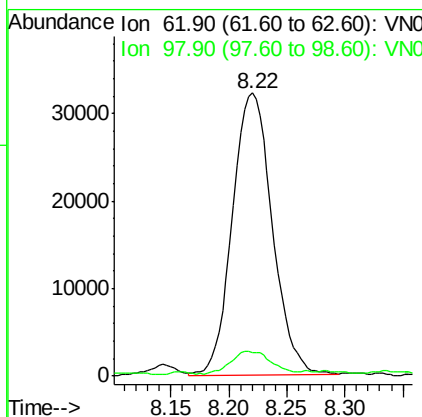
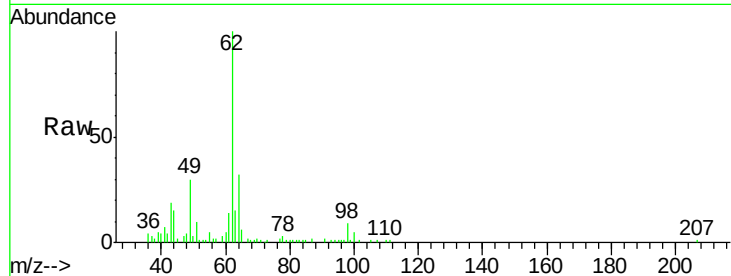




#43
 1,2-Dichloroethane
 Concen: 6.82 ug/l
 RT: 8.22 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

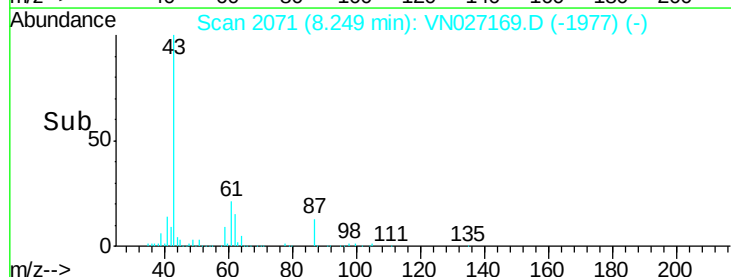
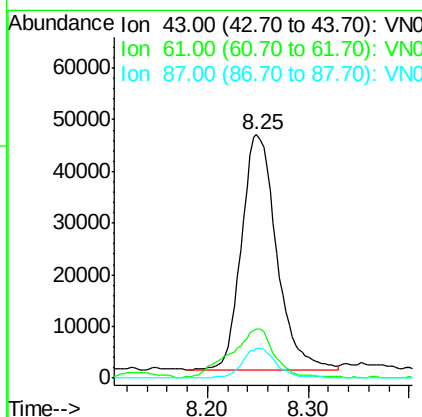
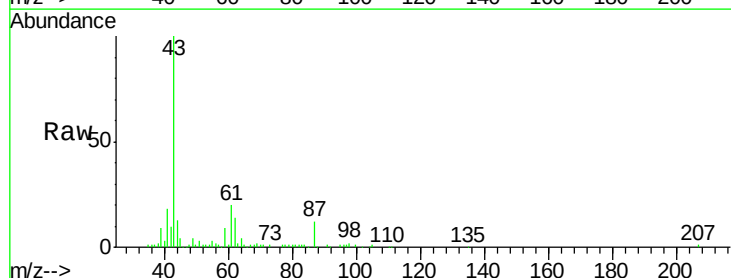
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

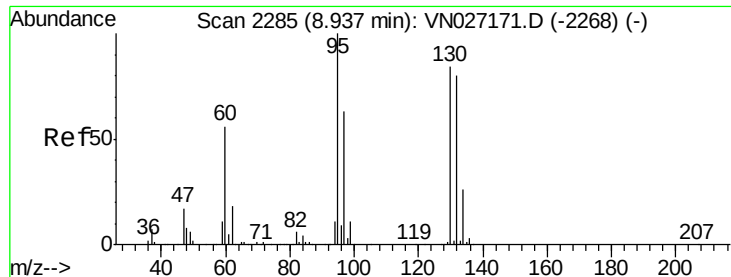
Tgt Ion: 62 Resp: 76889
 Ion Ratio Lower Upper
 62 100
 98 8.2 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 8.08 ug/l
 RT: 8.25 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion: 43 Resp: 110402
 Ion Ratio Lower Upper
 43 100
 61 26.0 20.6 31.0
 87 12.0 8.6 13.0





#45

Trichloroethene

Concen: 4.89 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

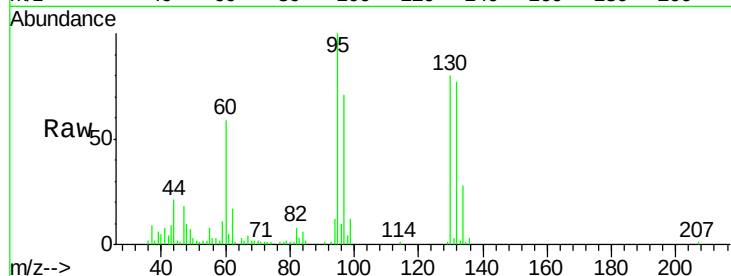
VSTDIC005

Tgt Ion:130 Resp: 39059

Ion Ratio Lower Upper

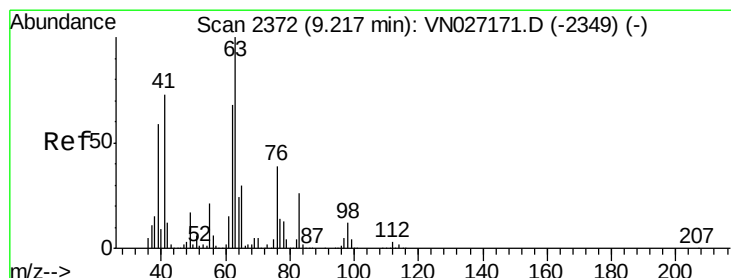
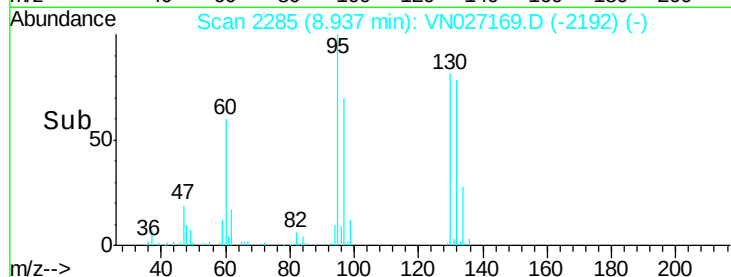
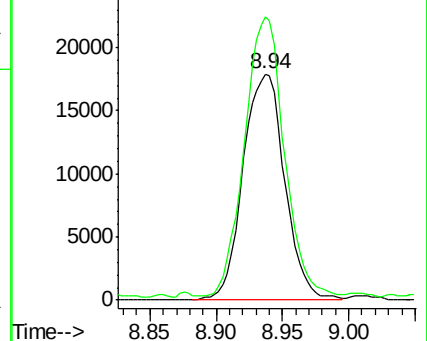
130 100

95 123.2 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#46

1,2-Dichloropropane

Concen: 6.55 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027169.D

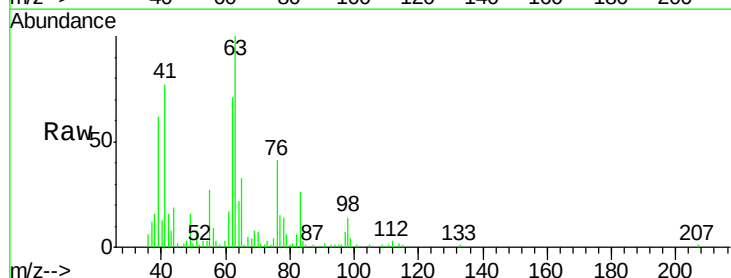
Acq: 15 Sep 2015 15:56

Tgt Ion: 63 Resp: 55893

Ion Ratio Lower Upper

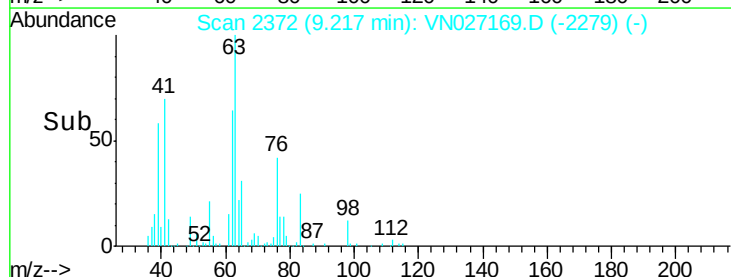
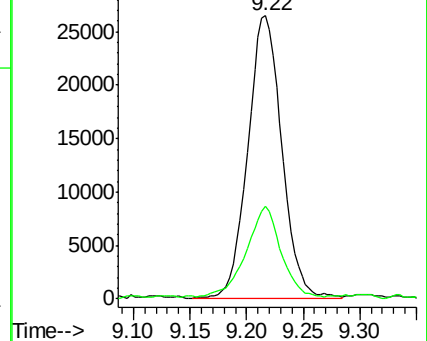
63 100

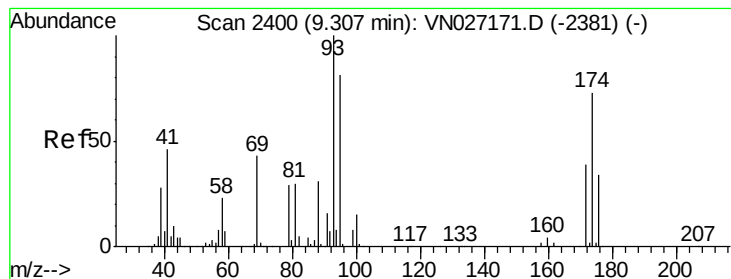
65 31.7 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Dibromomethane

Concen: 6.32 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

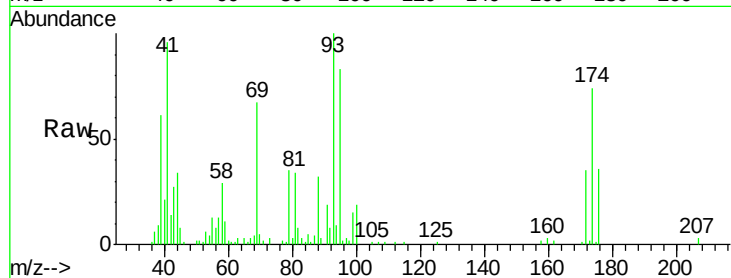
Tgt Ion: 93 Resp: 32126

Ion Ratio Lower Upper

93 100

95 77.4 66.3 99.5

174 75.1 67.8 101.6



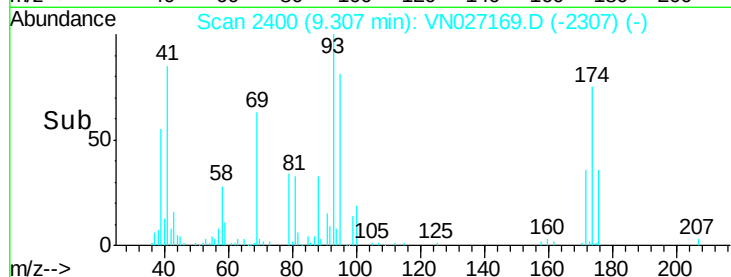
Abundance Ion 92.80 (92.50 to 93.50): VN027169.D (-2381) (-)

Ion 94.80 (94.50 to 95.50): VN027169.D (-2381) (-)

Ion 173.70 (173.40 to 174.40): VN027169.D (-2381) (-)

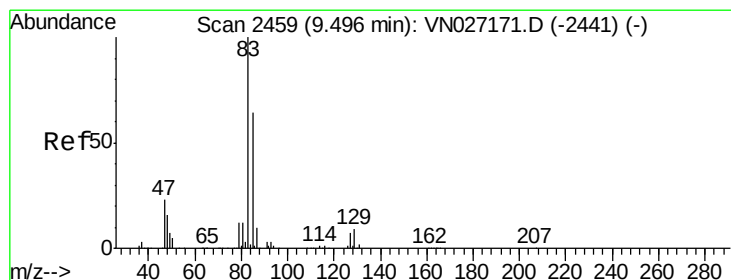
Time-->

9.20 9.25 9.30 9.35 9.40



Time-->

9.20 9.25 9.30 9.35 9.40



#48

Bromodichloromethane

Concen: 6.45 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

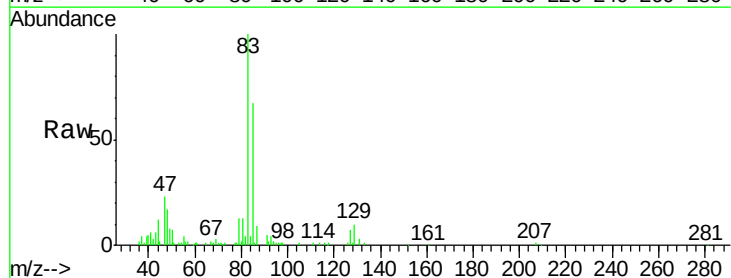
Tgt Ion: 83 Resp: 68173

Ion Ratio Lower Upper

83 100

85 67.2 50.7 76.1

127 6.8 5.5 8.3



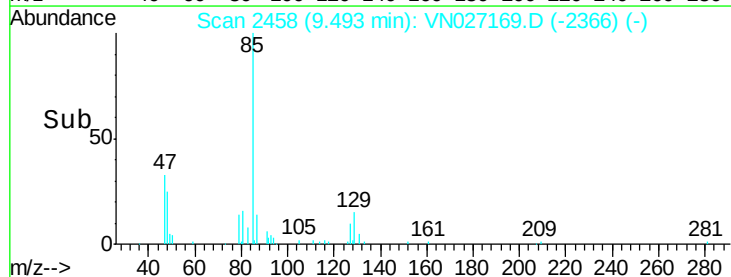
Abundance Ion 82.90 (82.60 to 83.60): VN027169.D (-2441) (-)

Ion 84.90 (84.60 to 85.60): VN027169.D (-2441) (-)

Ion 126.80 (126.50 to 127.50): VN027169.D (-2441) (-)

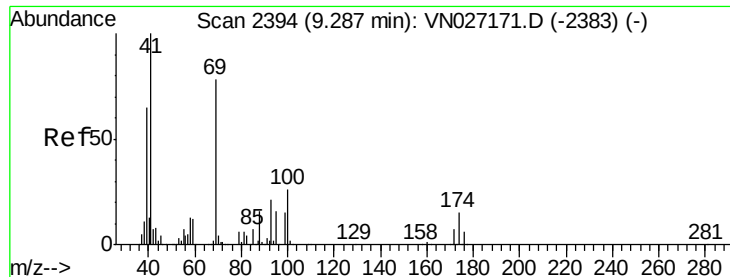
Time-->

9.40 9.45 9.50 9.55



Time-->

9.40 9.45 9.50 9.55



#49

Methyl methacrylate

Concen: 7.55 ug/l

RT: 9.29 min Scan# 2395

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

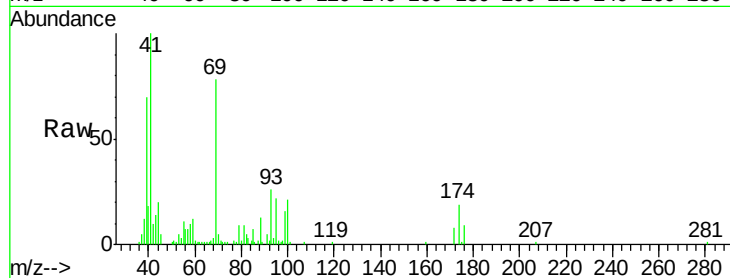
Tgt Ion: 41 Resp: 52459

Ion Ratio Lower Upper

41 100

69 79.0 59.3 88.9

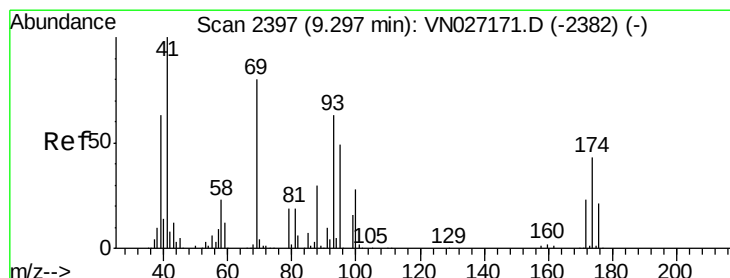
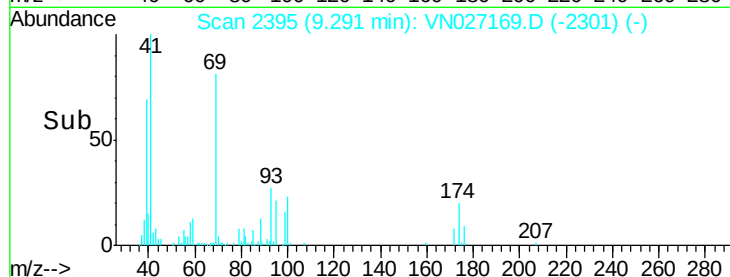
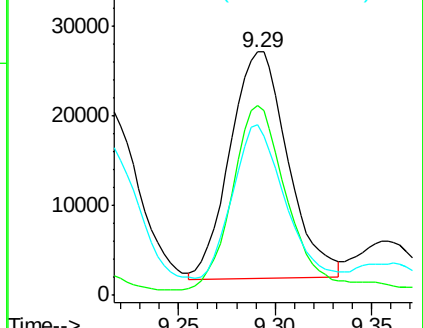
39 60.1 39.5 59.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

1,4-Dioxane

Concen: 127.00 ug/l

RT: 9.30 min Scan# 2398

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

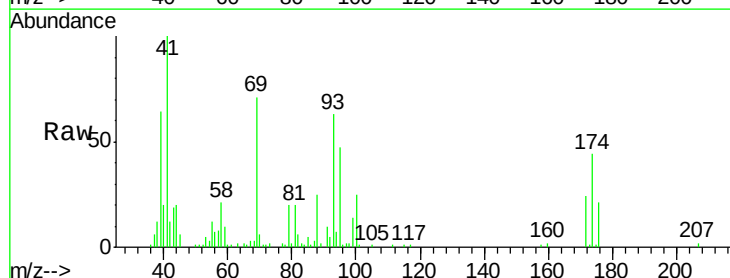
Tgt Ion: 88 Resp: 12689

Ion Ratio Lower Upper

88 100

43 49.7 27.6 41.4#

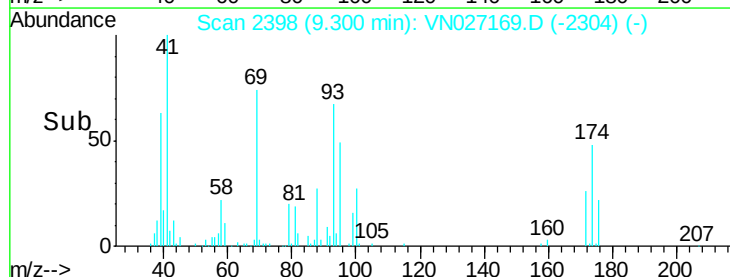
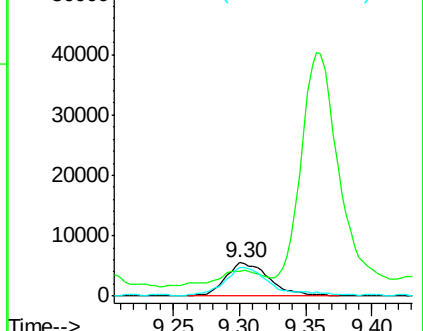
58 93.7 63.1 94.7

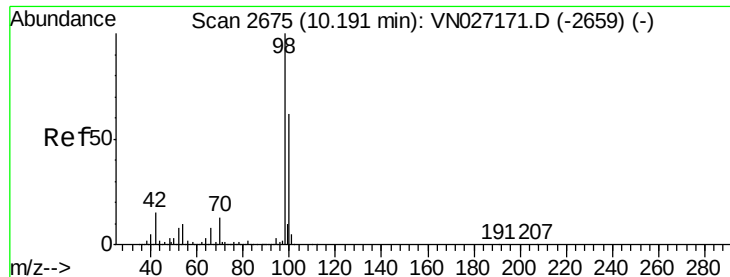


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#51

Toluene-d8

Concen: 5.53 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

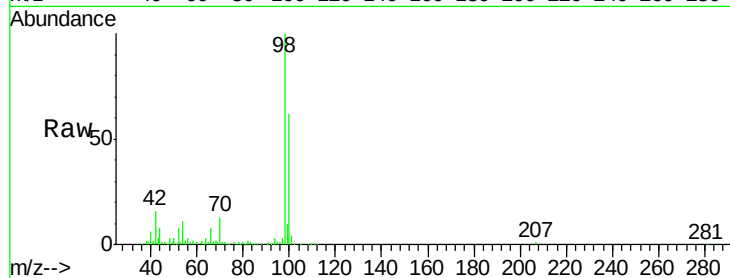
VSTDIC005

Tgt Ion: 98 Resp: 153204

Ion Ratio Lower Upper

98 100

100 64.8 50.5 75.7

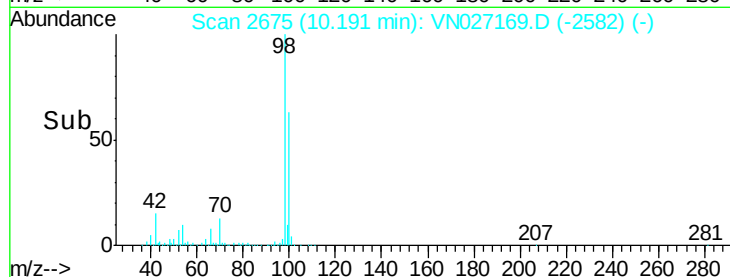


Abundance Ion 98.00 (97.70 to 98.70): VN027171.D (-2659) (-)

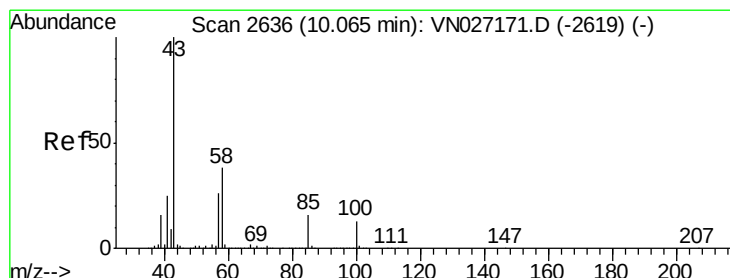
Ion 100.00 (99.70 to 100.70): VN027171.D (-2659) (-)

10.19

Time-->



Time-->



#52

4-Methyl-2-Pentanone

Concen: 36.99 ug/l

RT: 10.07 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VN027169.D

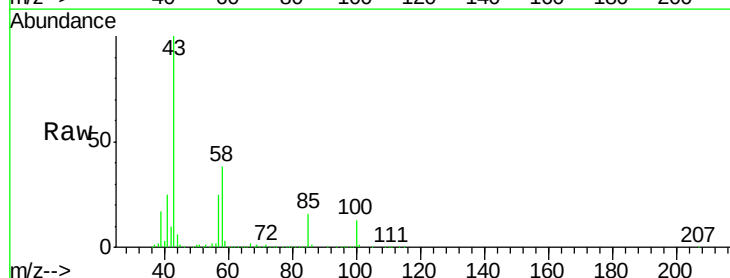
Acq: 15 Sep 2015 15:56

Tgt Ion: 43 Resp: 286576

Ion Ratio Lower Upper

43 100

58 39.5 29.8 44.8

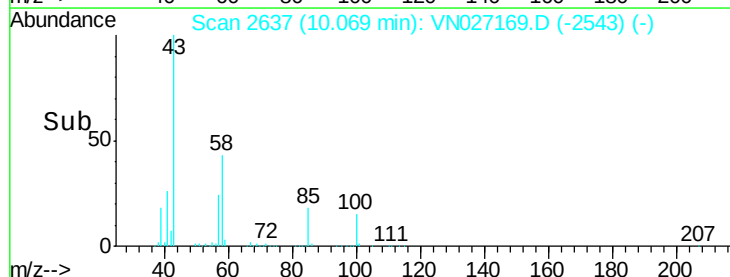


Abundance Ion 43.00 (42.70 to 43.70): VN027171.D (-2619) (-)

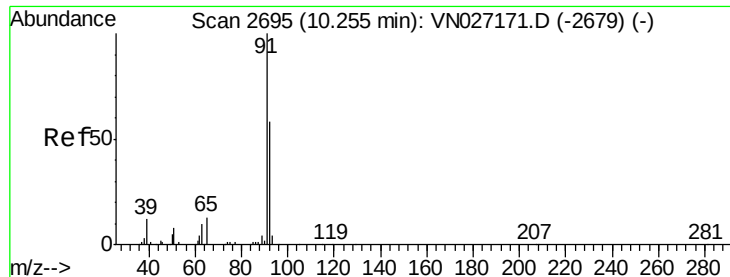
Ion 58.00 (57.70 to 58.70): VN027171.D (-2619) (-)

10.07

Time-->



Time-->



#53

Toluene

Concen: 5.64 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

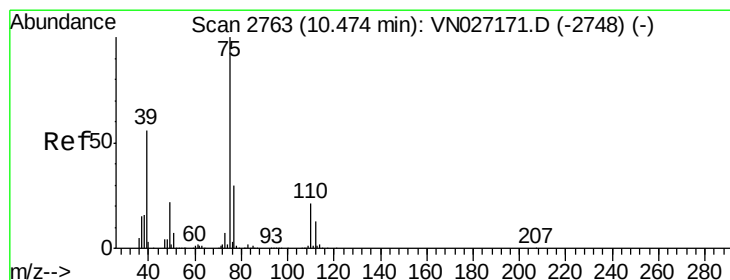
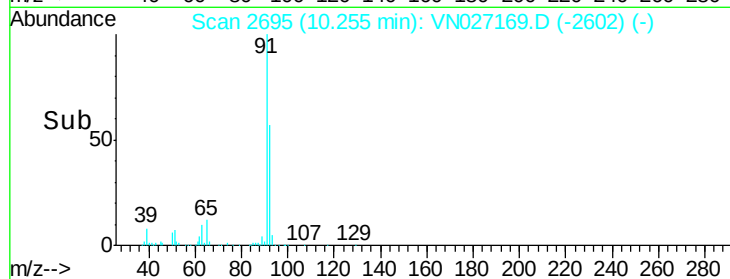
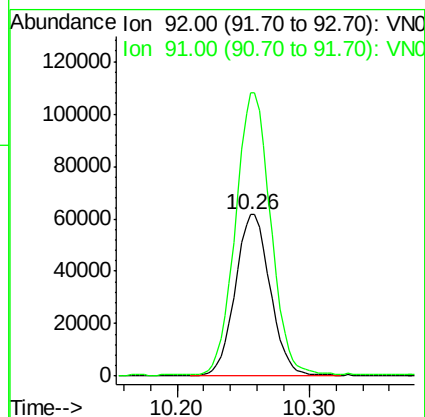
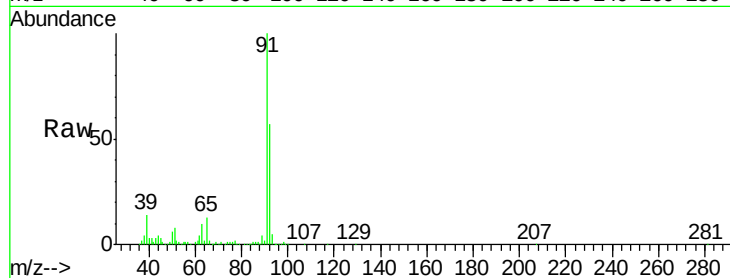
VSTDIC005

Tgt Ion: 92 Resp: 112341

Ion Ratio Lower Upper

92 100

91 176.7 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 6.94 ug/l

RT: 10.48 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VN027169.D

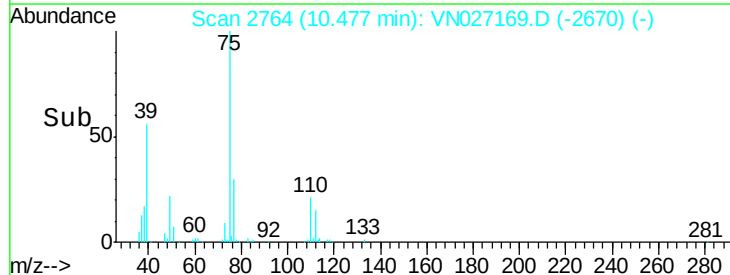
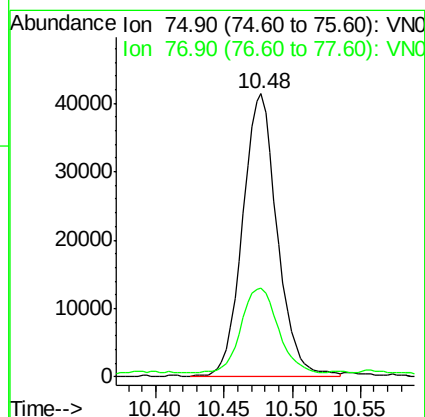
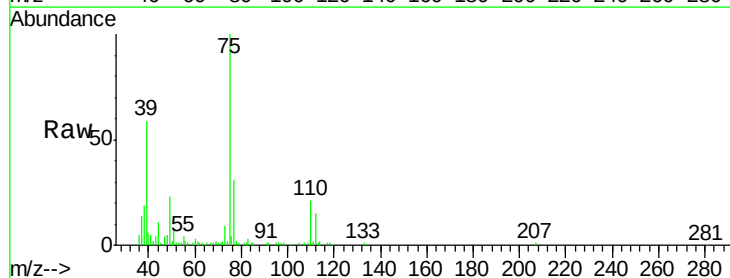
Acq: 15 Sep 2015 15:56

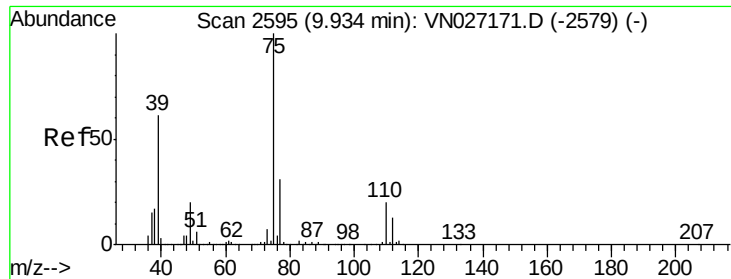
Tgt Ion: 75 Resp: 73280

Ion Ratio Lower Upper

75 100

77 29.8 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 6.77 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

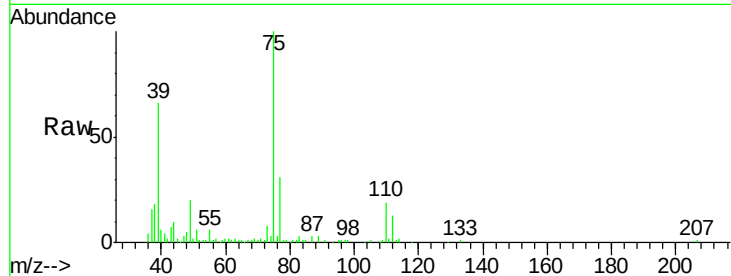
Tgt Ion: 75 Resp: 83047

Ion Ratio Lower Upper

75 100

77 30.0 25.6 38.4

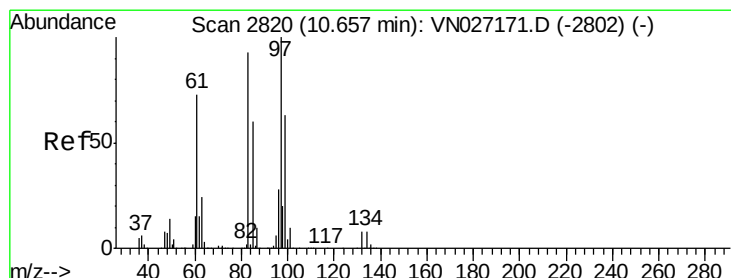
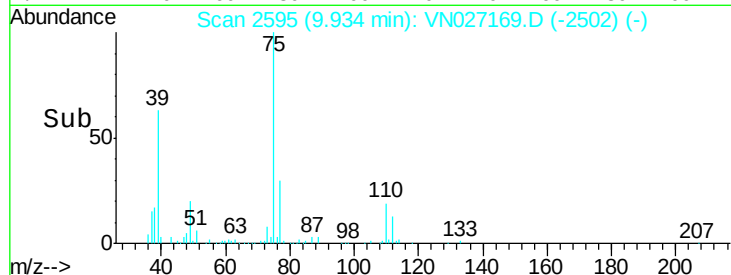
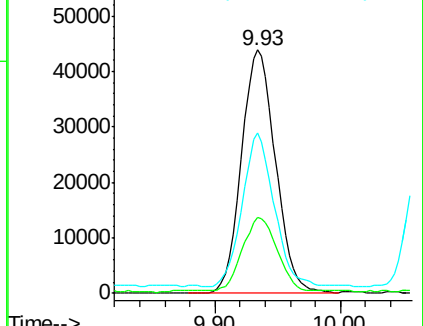
39 62.9 41.6 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VN027171.D (-2579) (-)

Ion 76.90 (76.60 to 77.60): VN027171.D (-2579) (-)

Ion 39.00 (38.70 to 39.70): VN027171.D (-2579) (-)



#56

1,1,2-Trichloroethane

Concen: 5.89 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Tgt Ion: 97 Resp: 44758

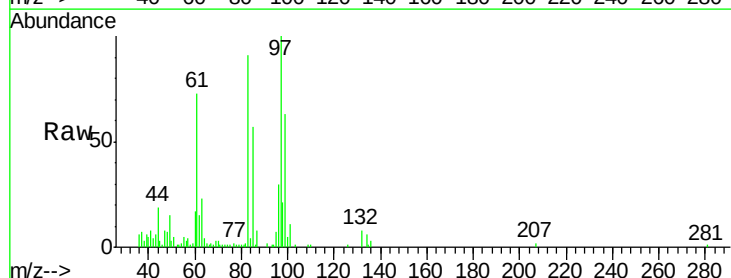
Ion Ratio Lower Upper

97 100

83 90.4 75.0 112.4

85 56.3 48.0 72.0

99 63.3 50.3 75.5

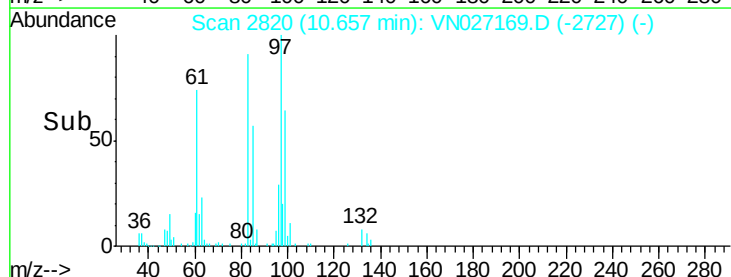
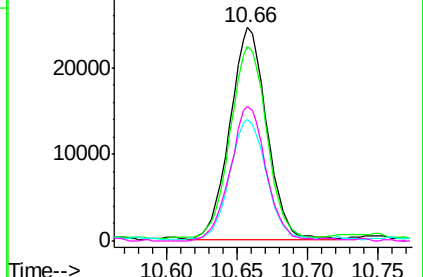


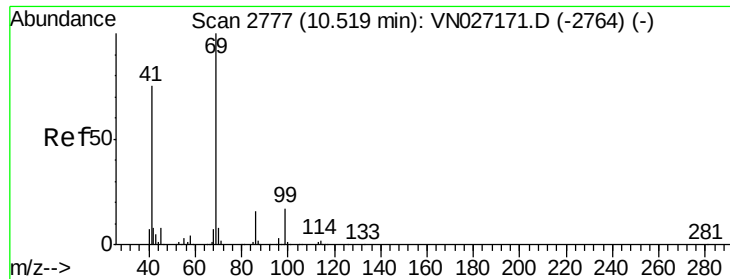
Abundance Ion 96.90 (96.60 to 97.60): VN027171.D (-2802) (-)

Ion 82.90 (82.60 to 83.60): VN027171.D (-2802) (-)

Ion 84.90 (84.60 to 85.60): VN027171.D (-2802) (-)

Ion 98.90 (98.60 to 99.60): VN027171.D (-2802) (-)





#57

Ethyl methacrylate

Concen: 6.99 ug/l

RT: 10.52 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

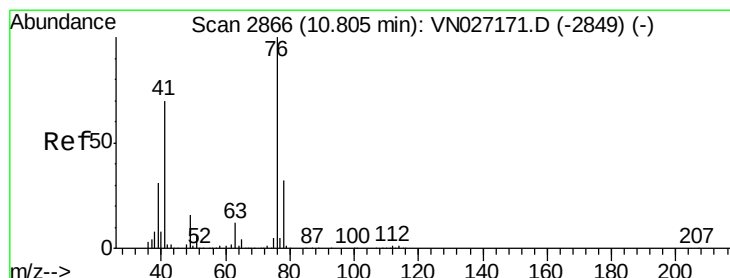
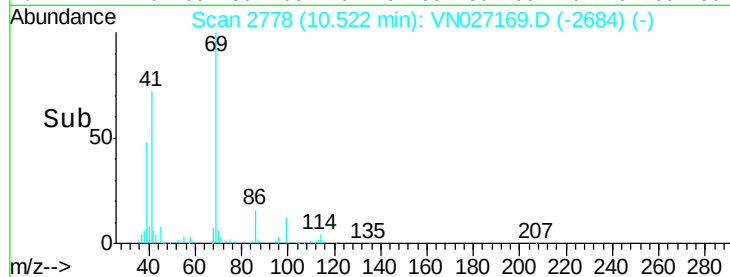
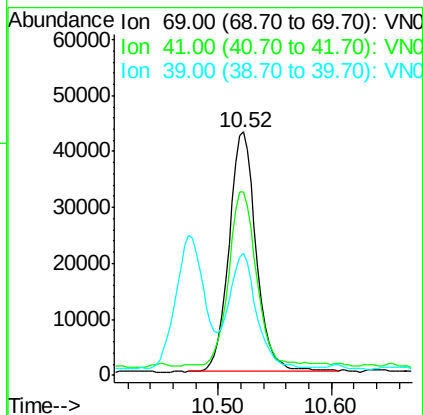
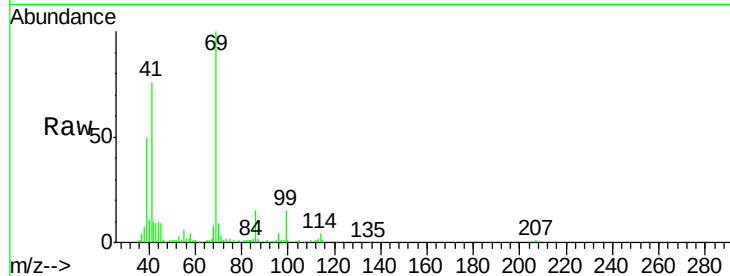
Tgt Ion: 69 Resp: 71818

Ion Ratio Lower Upper

69 100

41 73.1 61.3 91.9

39 49.1 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 6.33 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027169.D

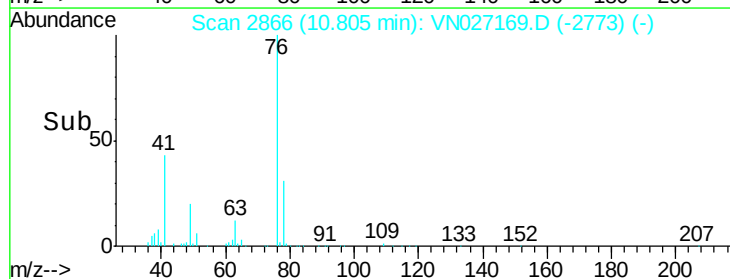
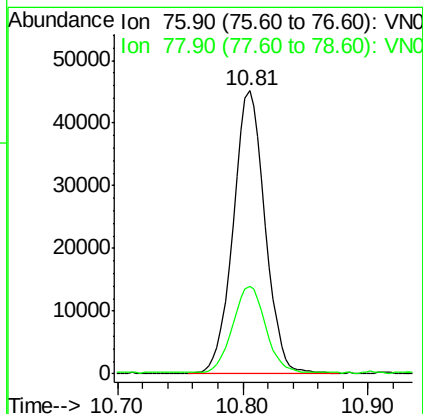
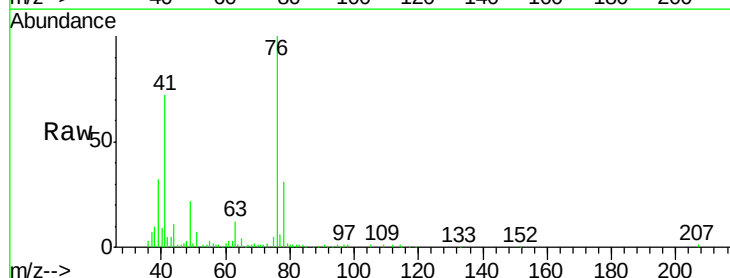
Acq: 15 Sep 2015 15:56

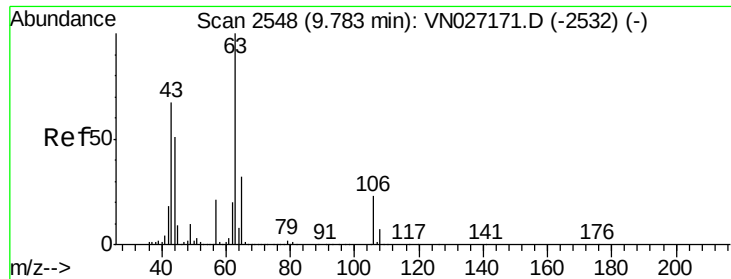
Tgt Ion: 76 Resp: 79593

Ion Ratio Lower Upper

76 100

78 31.2 25.0 37.6

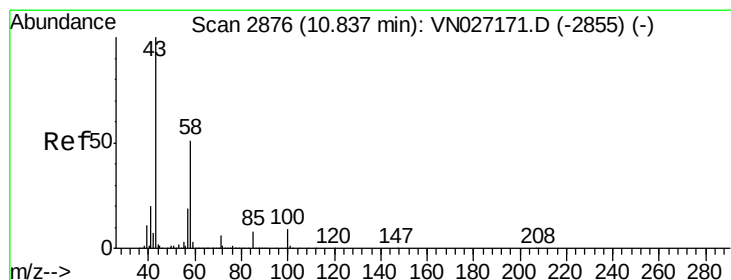
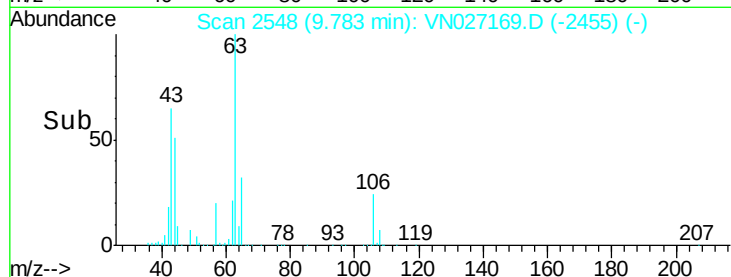
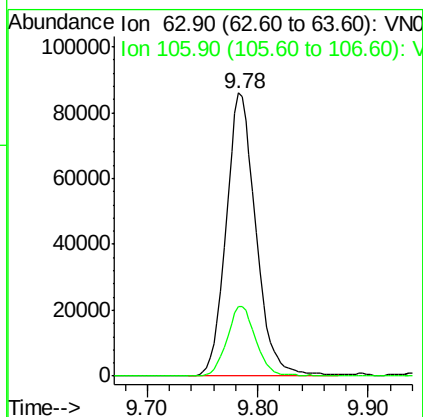
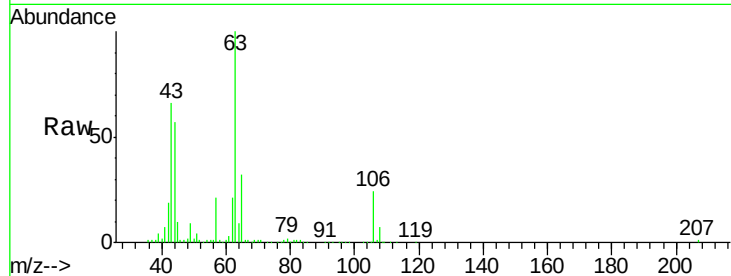




#59
 2-Chloroethyl Vinyl ether
 Concen: 39.84 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

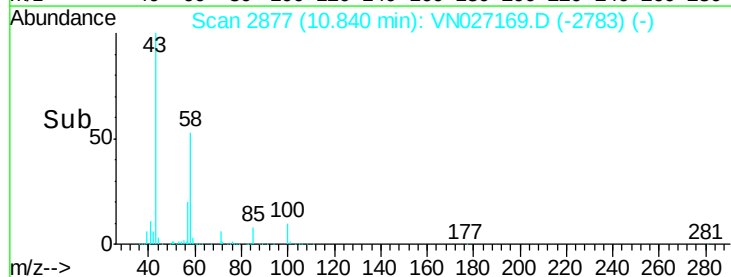
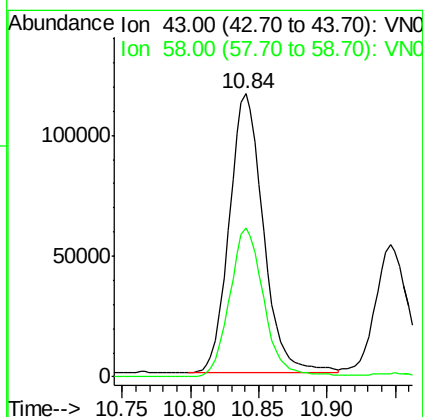
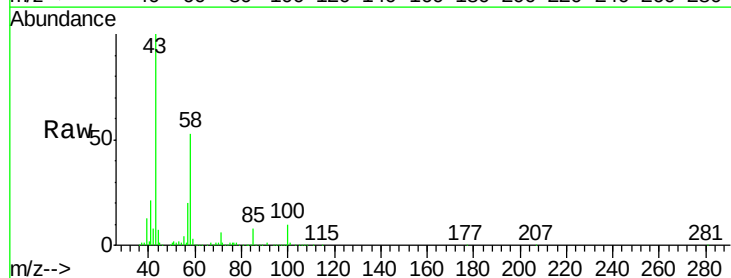
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

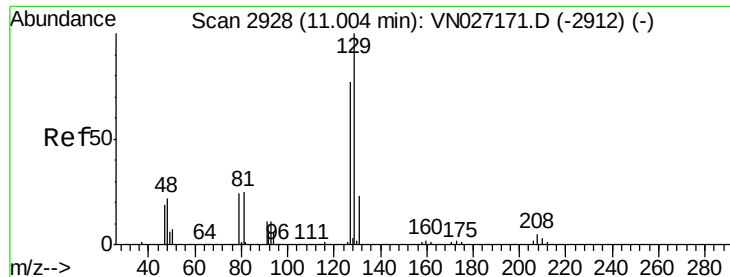
Tgt Ion: 63 Resp: 159208
 Ion Ratio Lower Upper
 63 100
 106 24.1 17.7 26.5



#60
 2-Hexanone
 Concen: 38.89 ug/l
 RT: 10.84 min Scan# 2877
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion: 43 Resp: 200641
 Ion Ratio Lower Upper
 43 100
 58 53.4 26.2 78.5

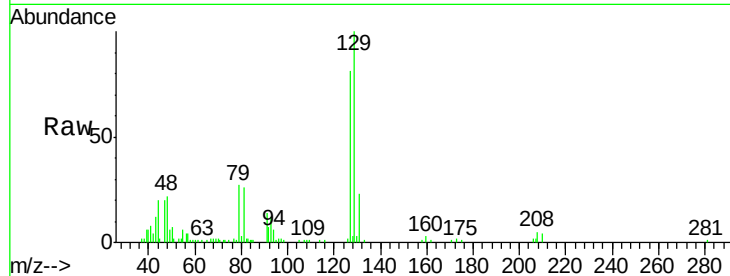




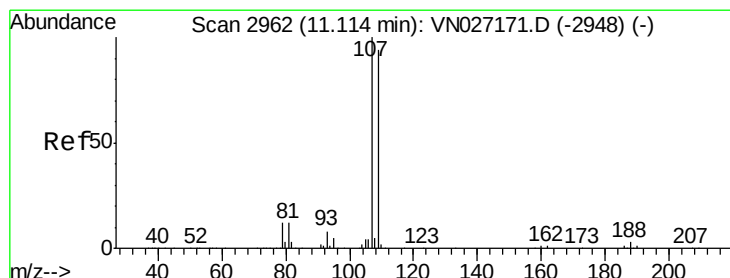
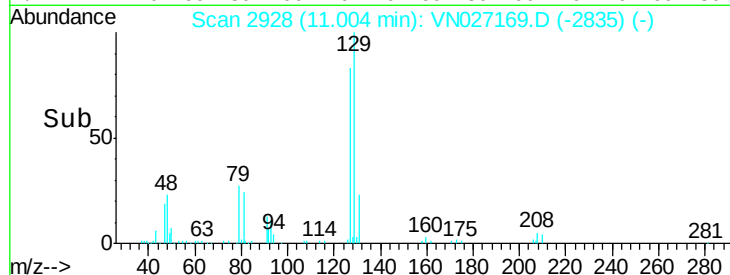
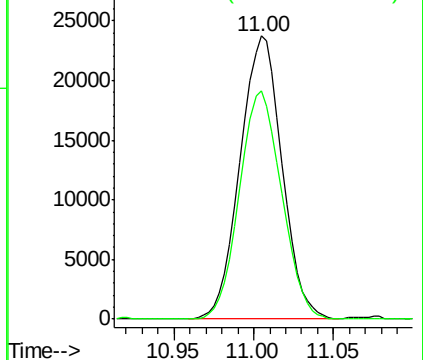
#61
 Dibromochloromethane
 Concen: 5.42 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:129 Resp: 42416
 Ion Ratio Lower Upper
 129 100
 127 81.0 39.1 117.2

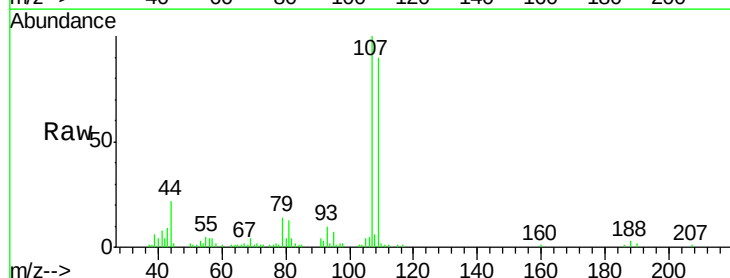


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

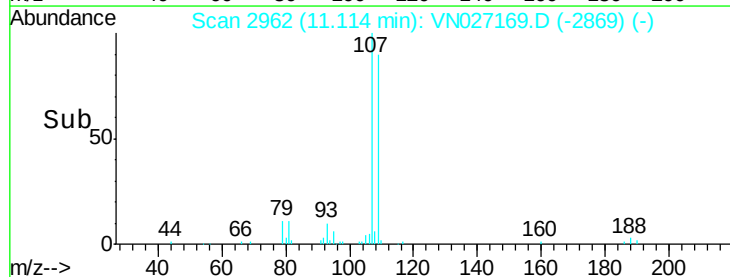
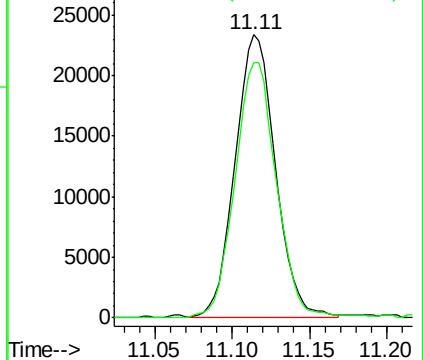


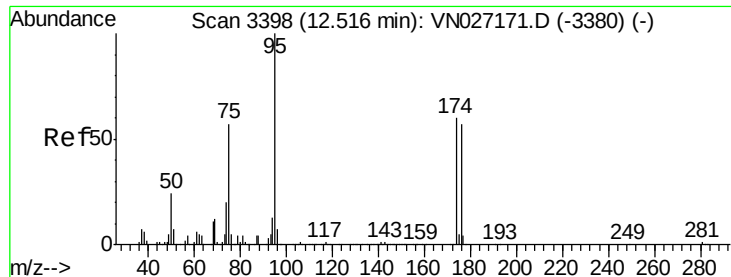
#62
 1,2-Dibromoethane
 Concen: 5.85 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion:107 Resp: 42496
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

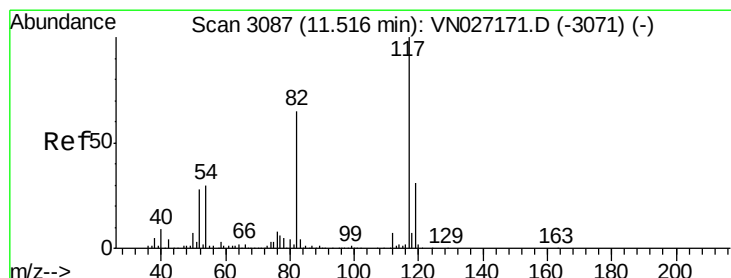
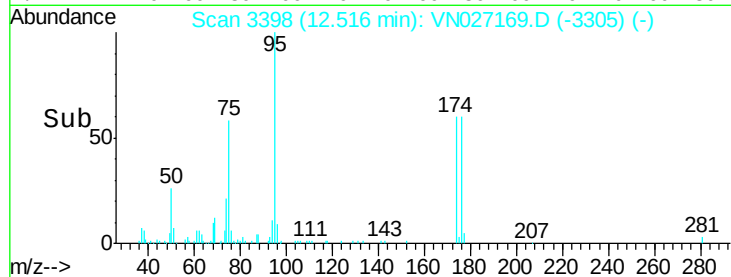
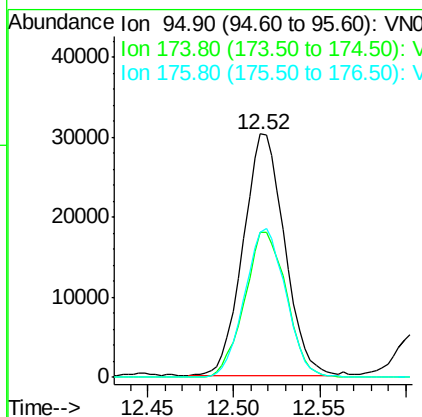
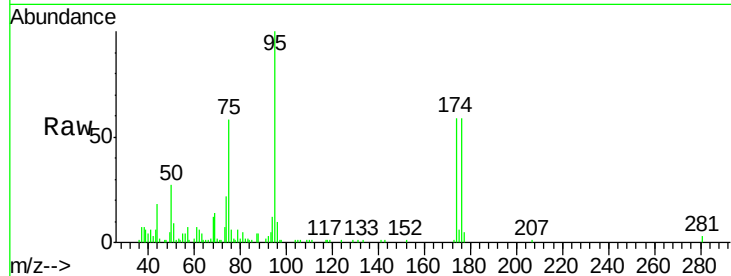




#63
4-Bromofluorobenzene
Concen: 5.56 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

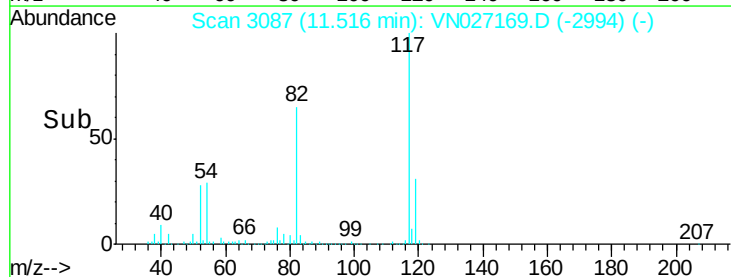
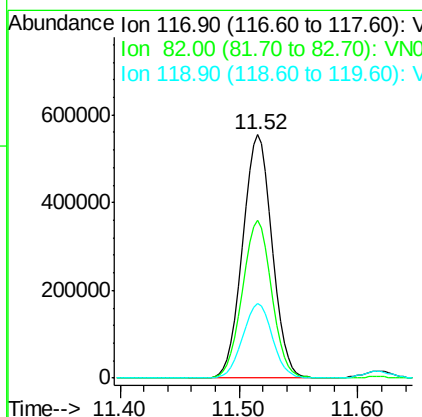
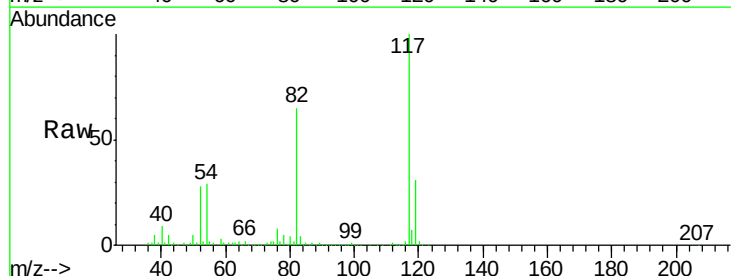
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

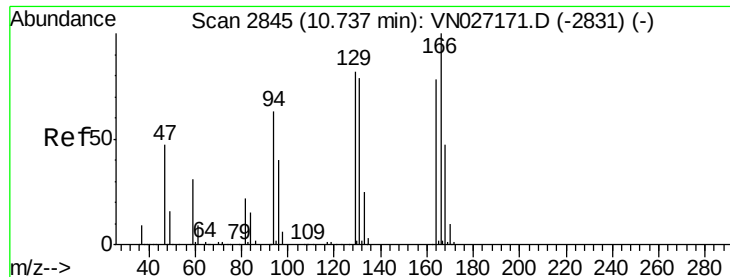
Tgt Ion: 95 Resp: 50518
Ion Ratio Lower Upper
95 100
174 60.5 0.0 137.0
176 60.9 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

Tgt Ion: 117 Resp: 952697
Ion Ratio Lower Upper
117 100
82 64.7 49.6 74.4
119 30.8 24.6 36.8





#65

Tetrachloroethene

Concen: 4.60 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 31268

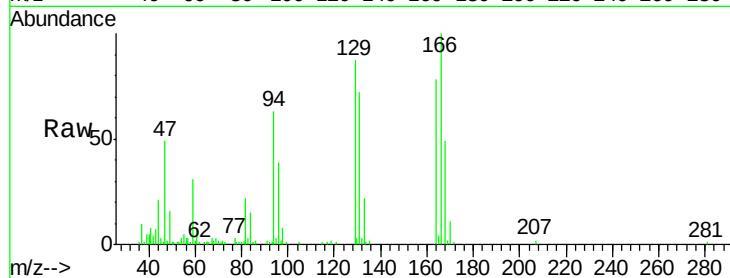
Ion Ratio Lower Upper

164 100

166 128.4 103.4 155.0

129 112.1 77.5 116.3

131 93.1 74.2 111.4

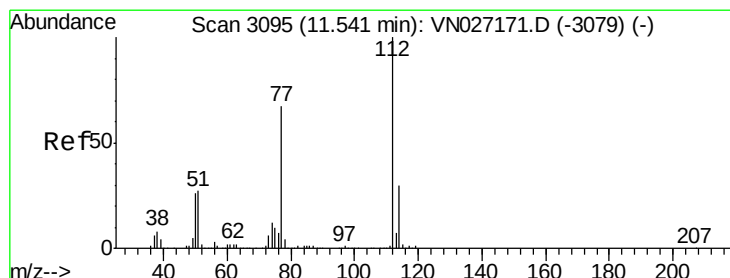
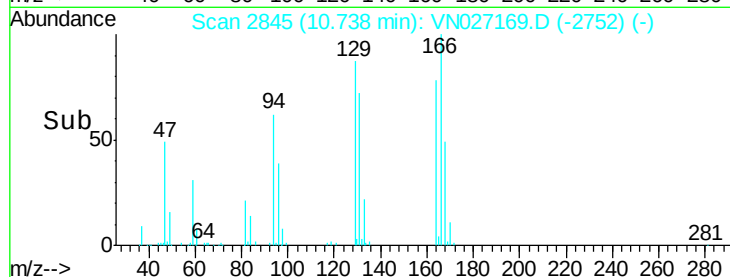
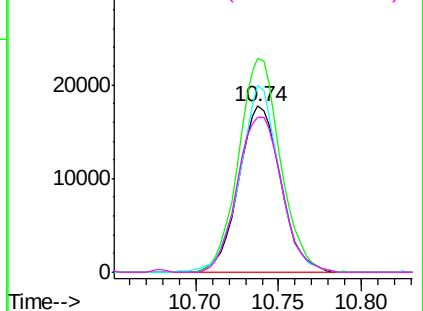


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#66

Chlorobenzene

Concen: 5.38 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027169.D

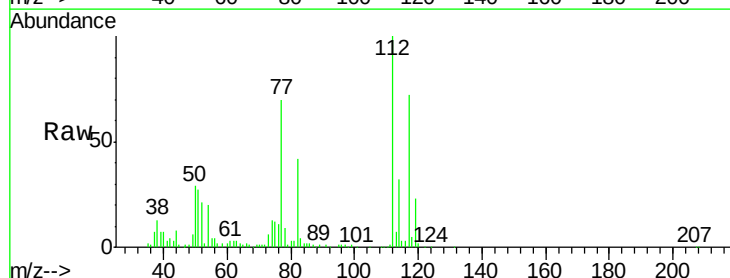
Acq: 15 Sep 2015 15:56

Tgt Ion:112 Resp: 111764

Ion Ratio Lower Upper

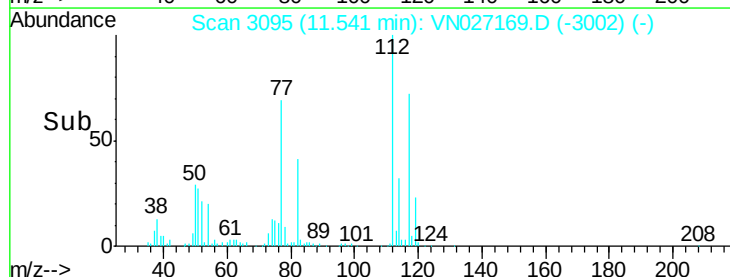
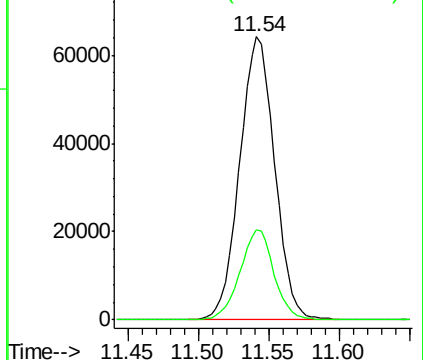
112 100

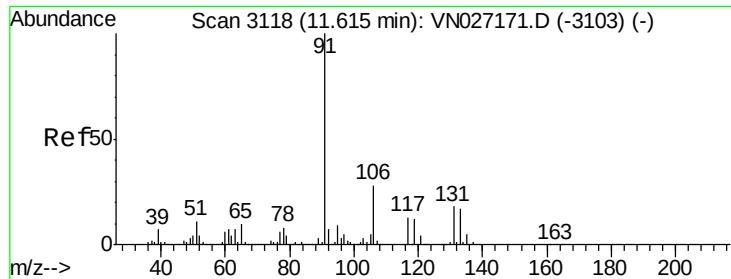
114 31.9 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

1,1,1,2-Tetrachloroethane

Concen: 5.63 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

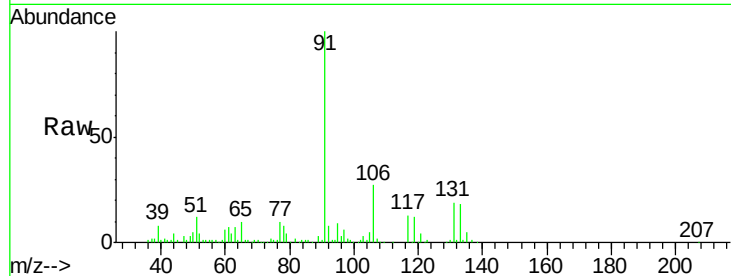
Tgt Ion:131 Resp: 40340

Ion Ratio Lower Upper

131 100

133 97.5 47.0 141.2

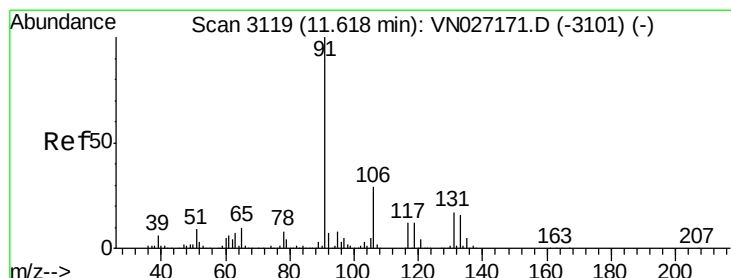
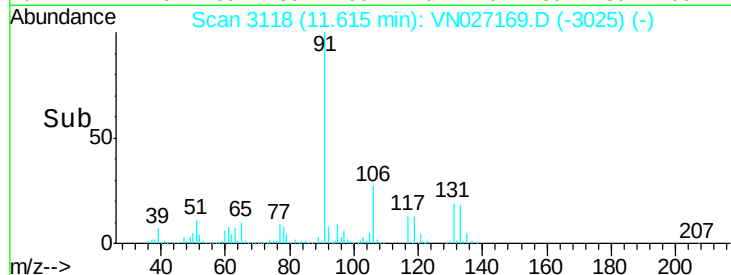
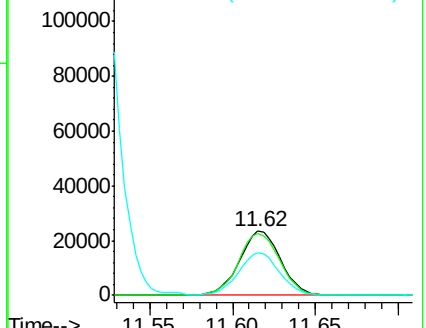
119 66.7 35.1 105.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

Ethyl Benzene

Concen: 6.21 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027169.D

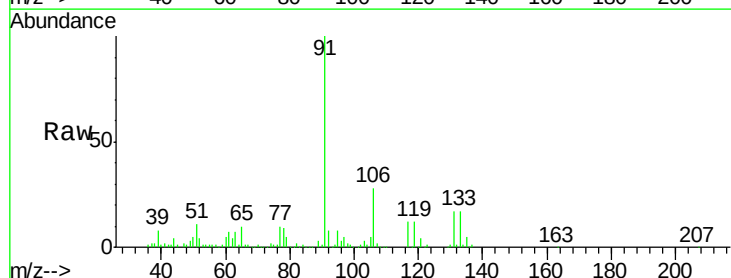
Acq: 15 Sep 2015 15:56

Tgt Ion: 91 Resp: 216905

Ion Ratio Lower Upper

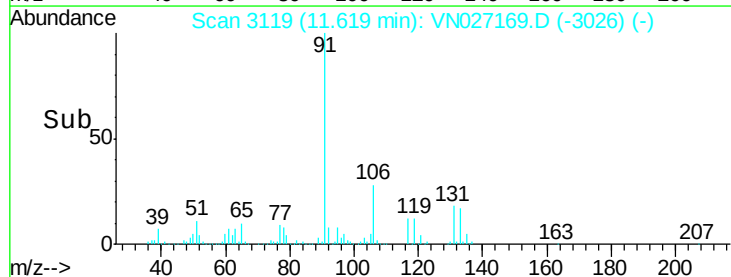
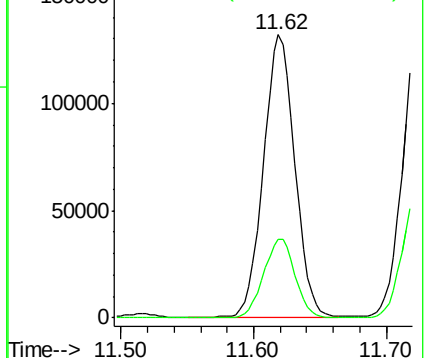
91 100

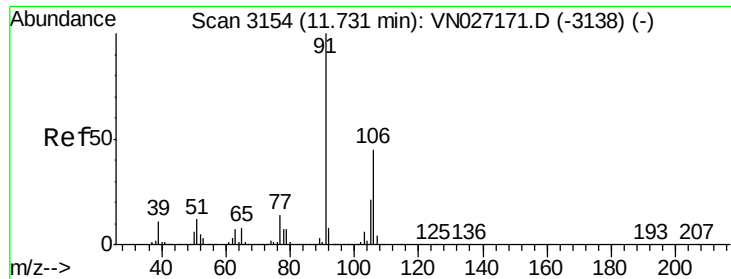
106 27.8 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#69

m/p-Xylenes

Concen: 11.37 ug/l

RT: 11.73 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

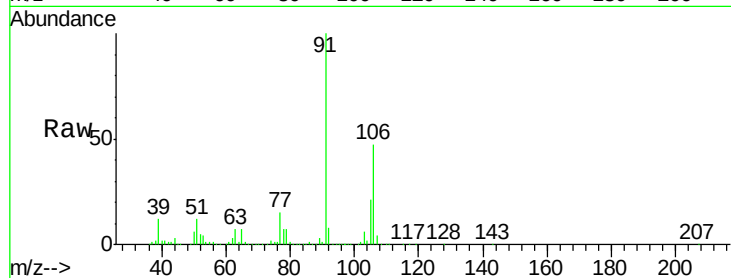
VSTDIC005

Tgt Ion:106 Resp: 147567

Ion Ratio Lower Upper

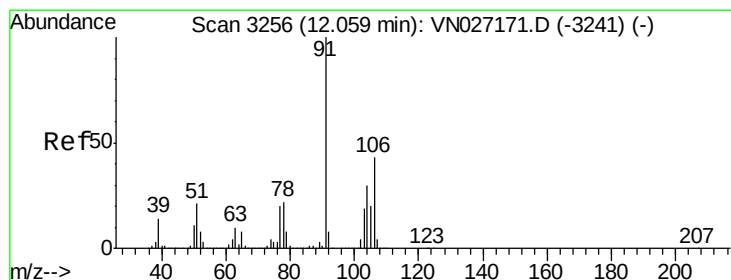
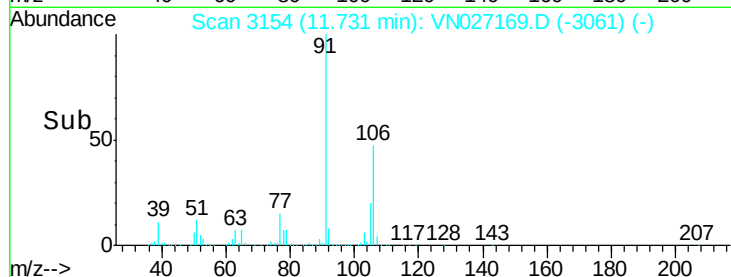
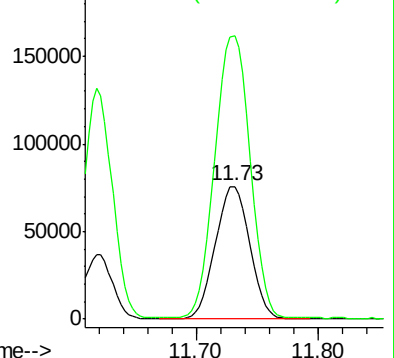
106 100

91 217.2 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 5.81 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN027169.D

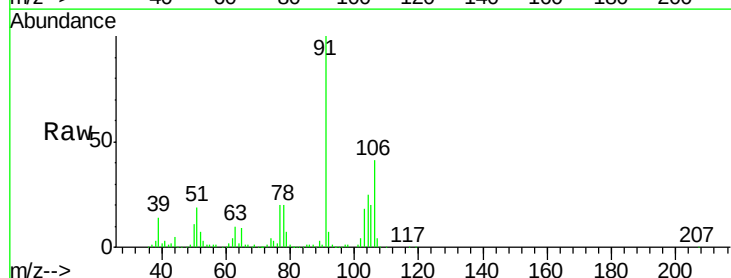
Acq: 15 Sep 2015 15:56

Tgt Ion:106 Resp: 74189

Ion Ratio Lower Upper

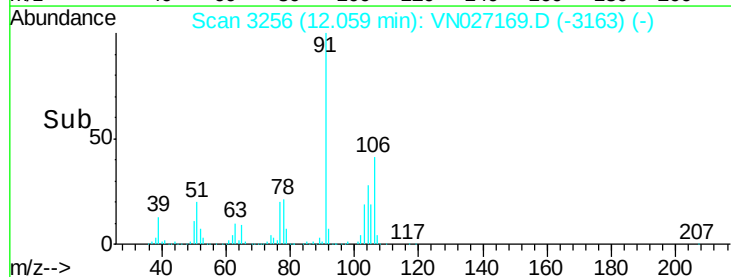
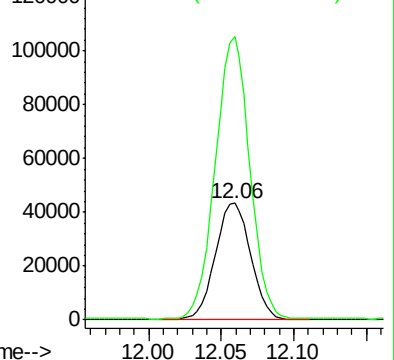
106 100

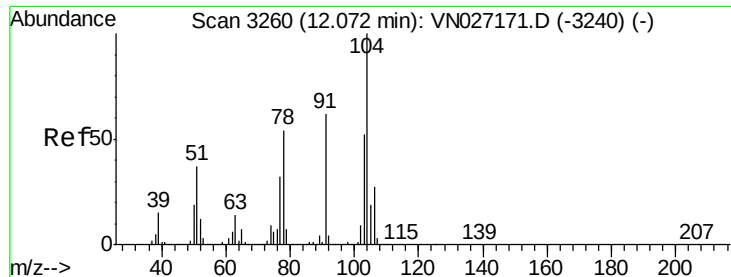
91 234.3 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

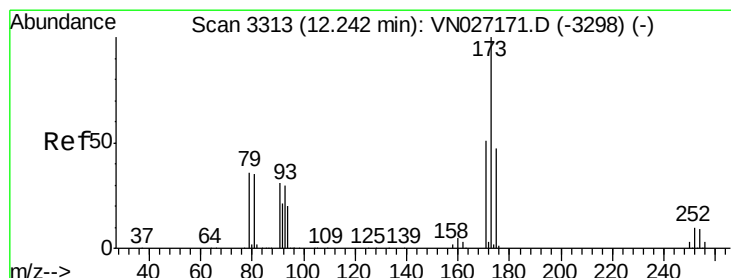
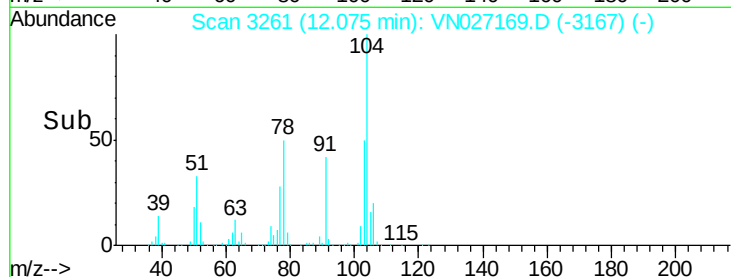
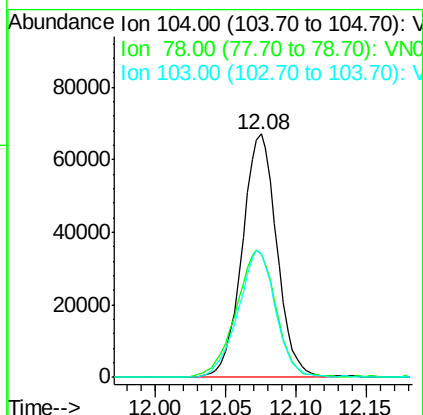
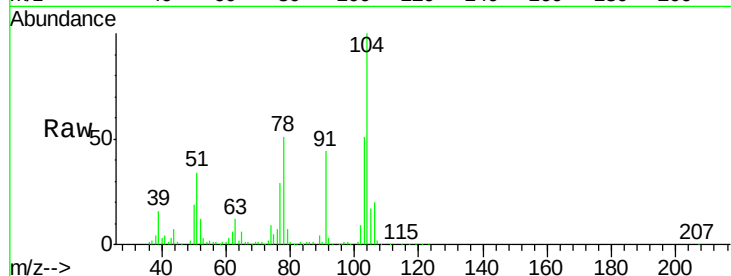




#71
Styrene
Concen: 5.64 ug/l
RT: 12.08 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

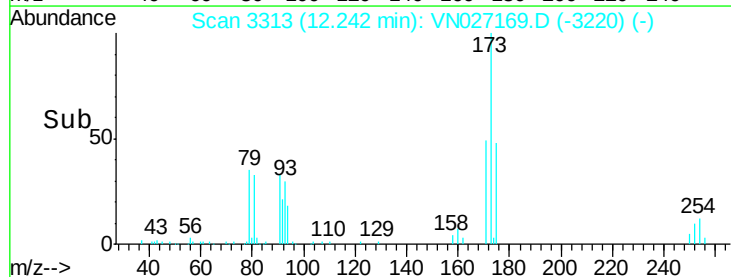
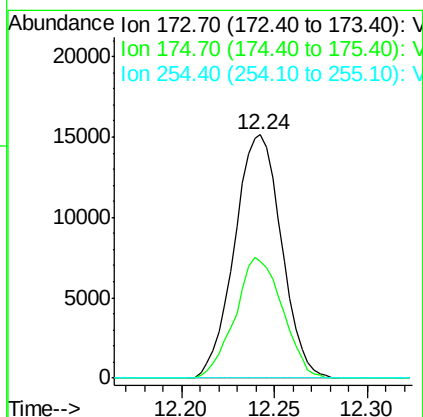
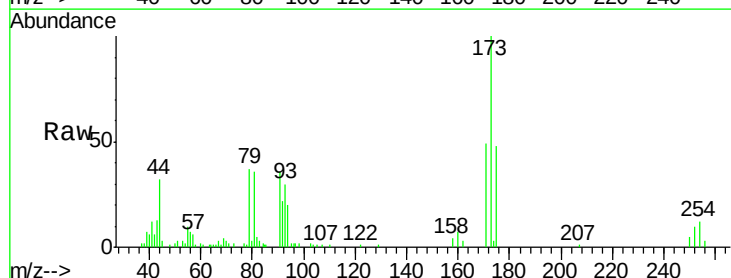
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

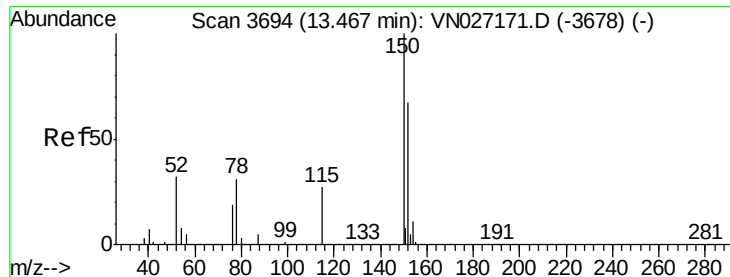
Tgt Ion:104 Resp: 115738
Ion Ratio Lower Upper
104 100
78 60.3 41.6 62.4
103 56.2 44.2 66.2



#72
Bromoform
Concen: 5.38 ug/l
RT: 12.24 min Scan# 3313
Delta R.T. 0.00 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

Tgt Ion:173 Resp: 26686
Ion Ratio Lower Upper
173 100
175 49.9 24.4 73.4
254 0.0 0.1 0.1#





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

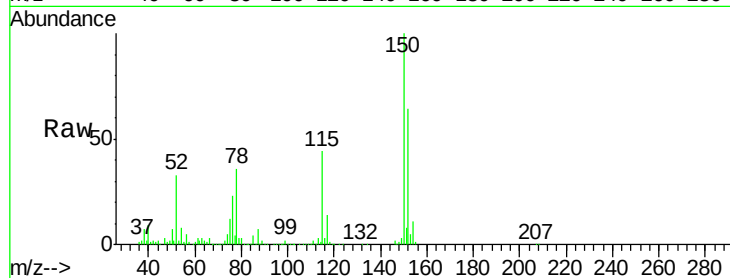
Tgt Ion:152 Resp: 334347

Ion Ratio Lower Upper

152 100

115 68.6 30.8 92.3

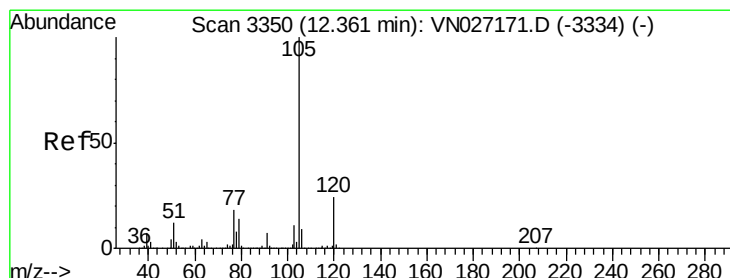
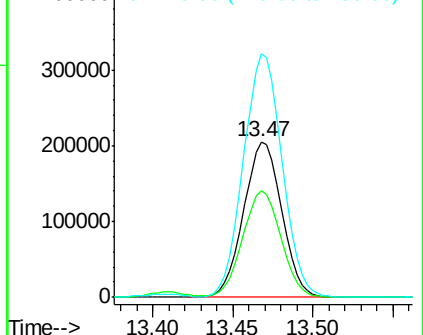
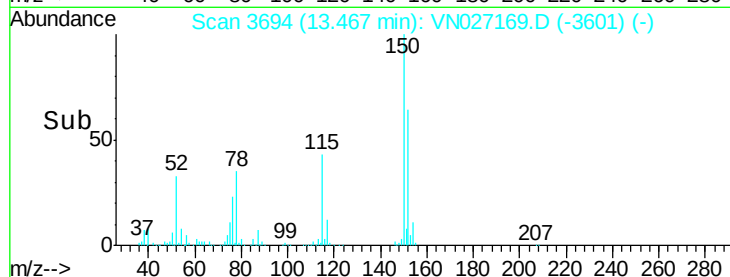
150 158.5 0.0 345.0



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: 6.83 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027169.D

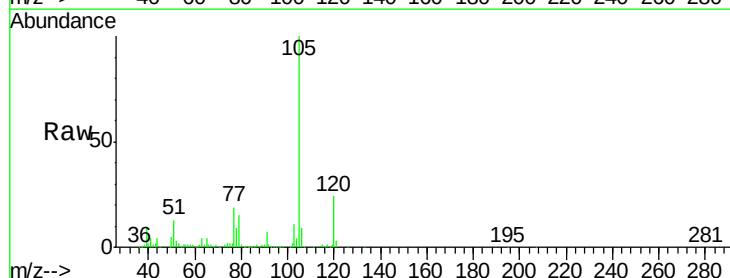
Acq: 15 Sep 2015 15:56

Tgt Ion:105 Resp: 197125

Ion Ratio Lower Upper

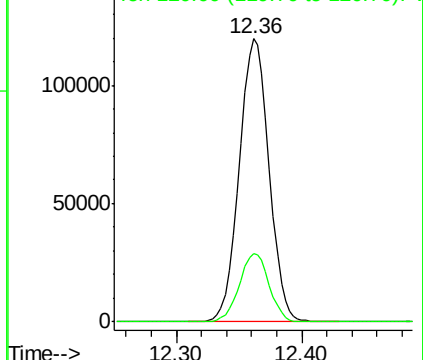
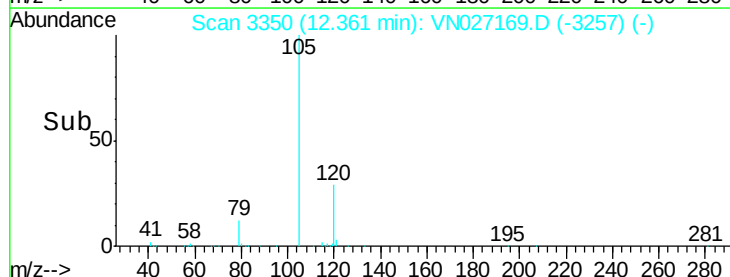
105 100

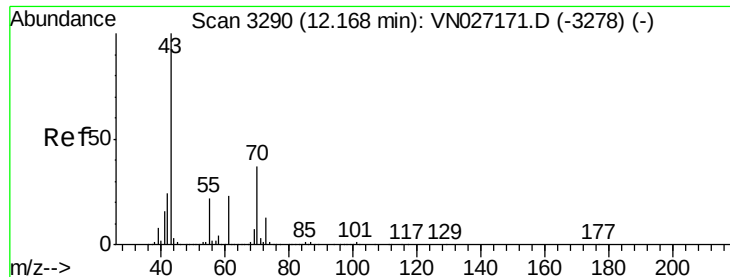
120 24.1 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 10.23 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 90347

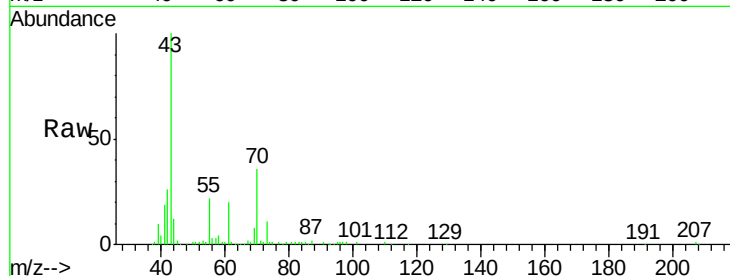
Ion Ratio Lower Upper

43 100

70 36.1 29.8 44.8

55 22.2 19.4 29.0

61 21.1 18.2 27.2

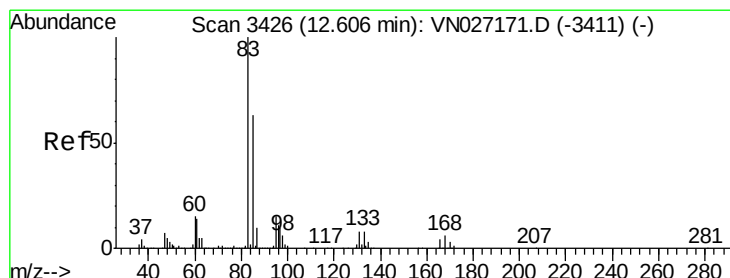
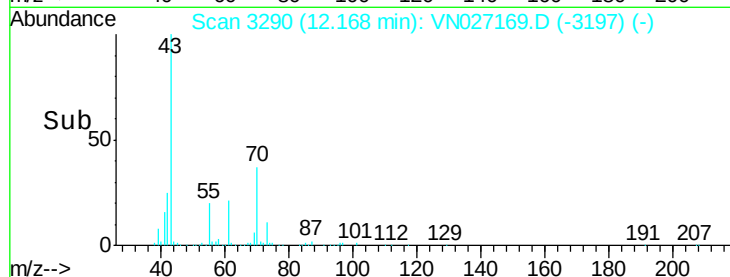
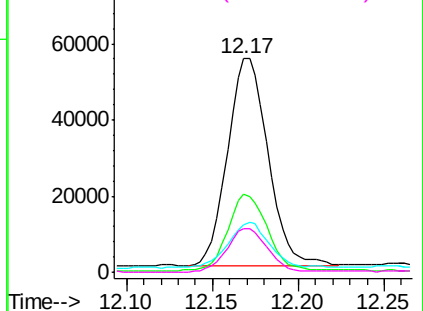


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,1,2,2-Tetrachloroethane

Concen: 7.51 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

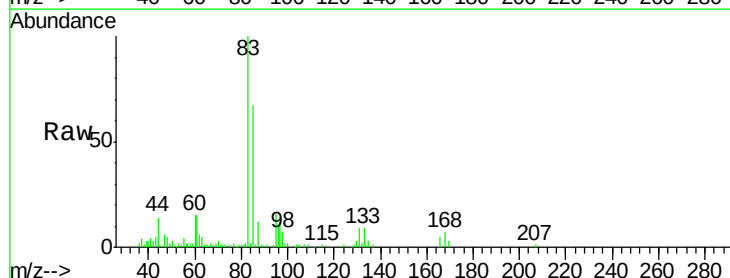
Tgt Ion: 83 Resp: 58812

Ion Ratio Lower Upper

83 100

131 9.4 4.1 12.3

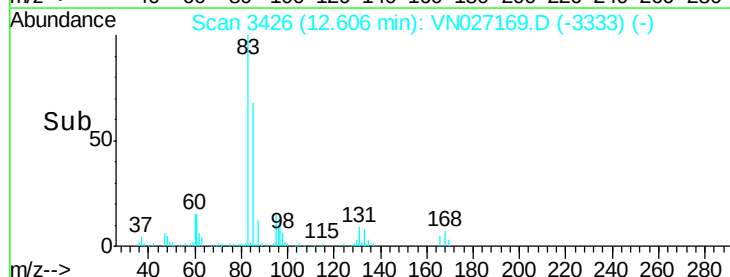
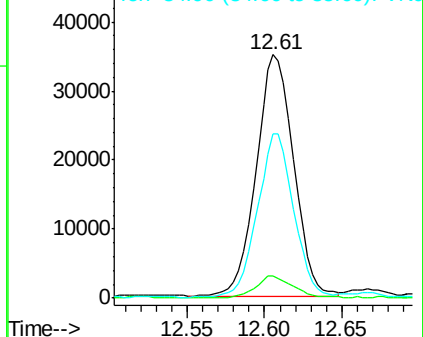
85 66.9 31.9 95.7

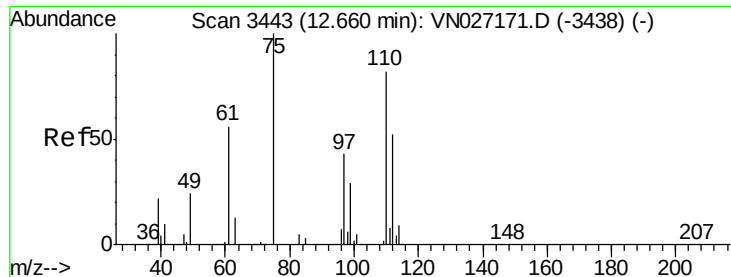


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 12.78 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

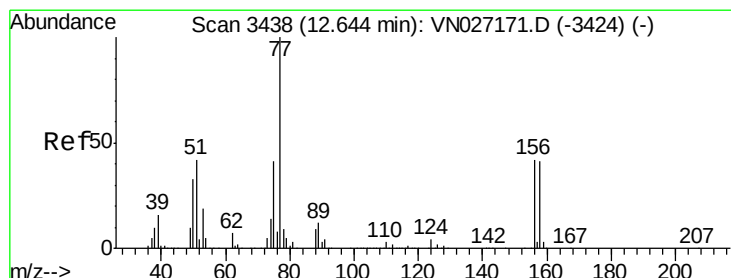
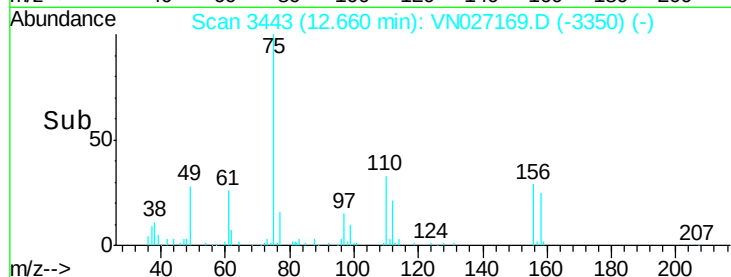
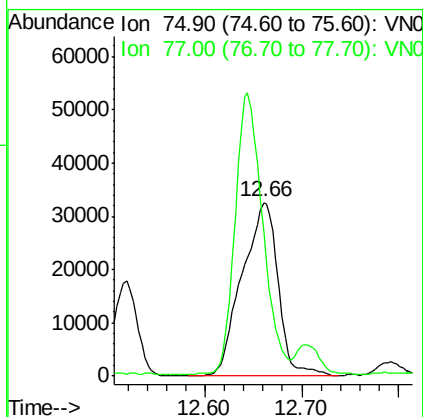
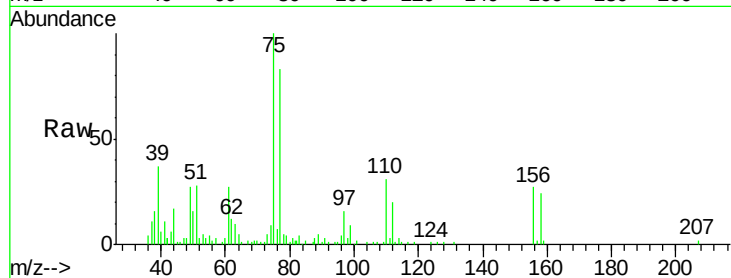
VSTDIC005

Tgt Ion: 75 Resp: 84564

Ion Ratio Lower Upper

75 100

77 123.5 103.1 309.3



#78

Bromobenzene

Concen: 5.44 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

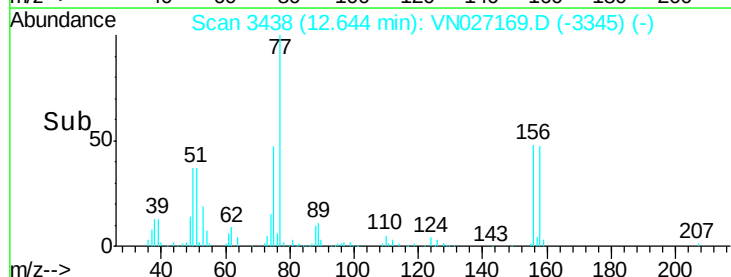
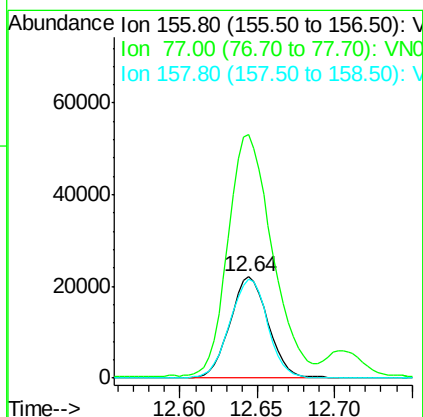
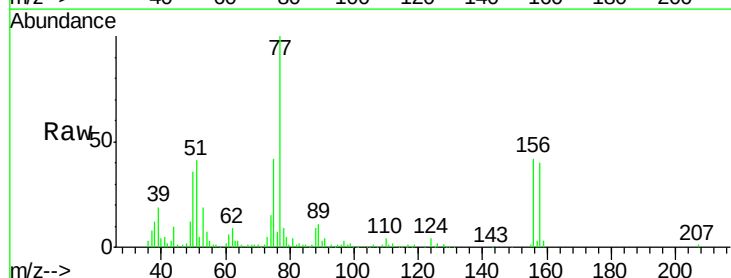
Tgt Ion: 156 Resp: 37797

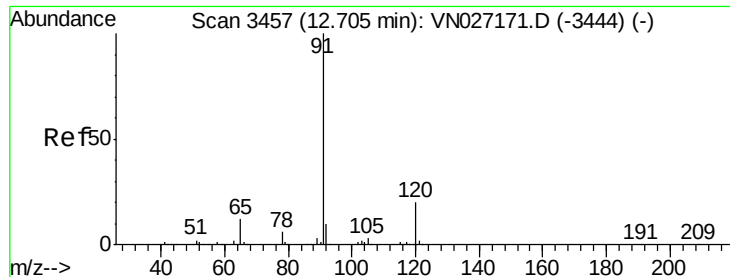
Ion Ratio Lower Upper

156 100

77 276.3 127.3 381.9

158 97.2 48.0 144.2

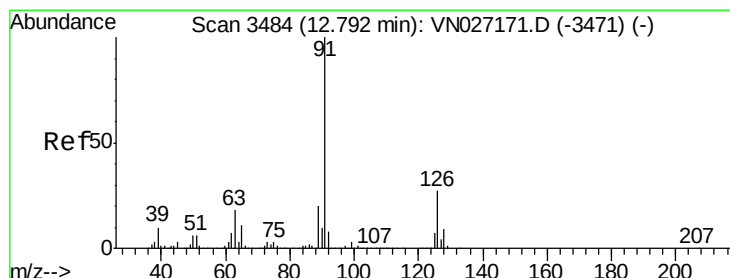
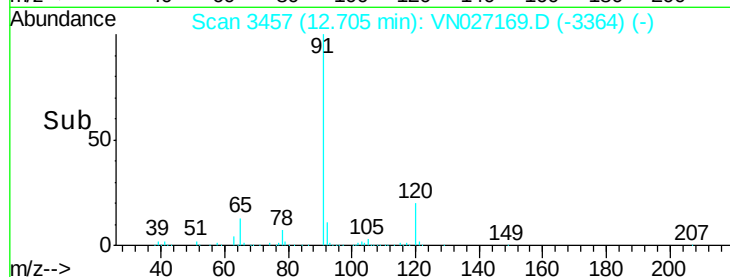
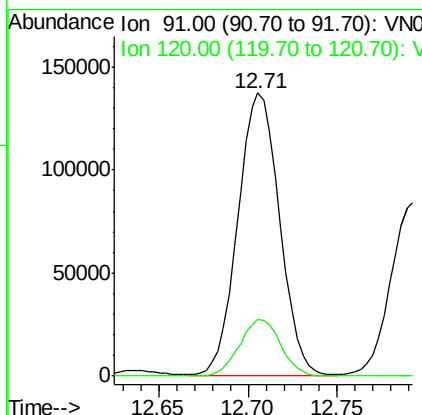
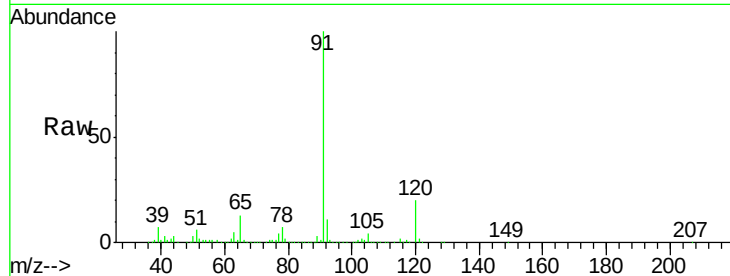




#79
n-propylbenzene
Concen: 7.02 ug/l
RT: 12.71 min Scan# 3457
Delta R.T. 0.00 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

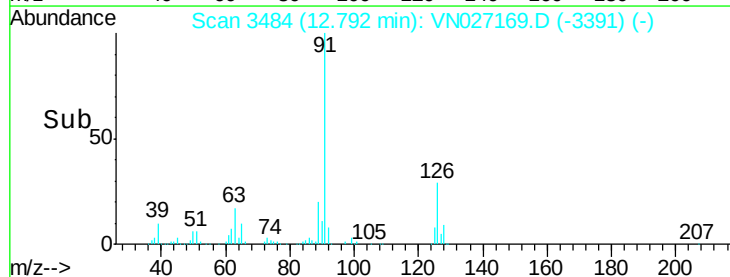
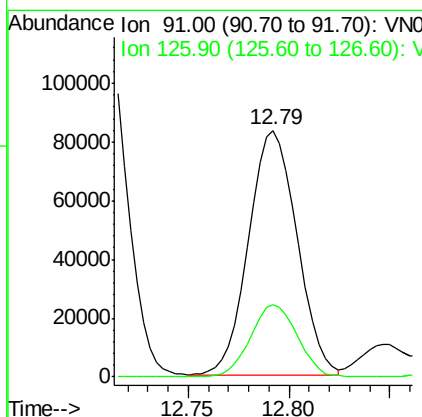
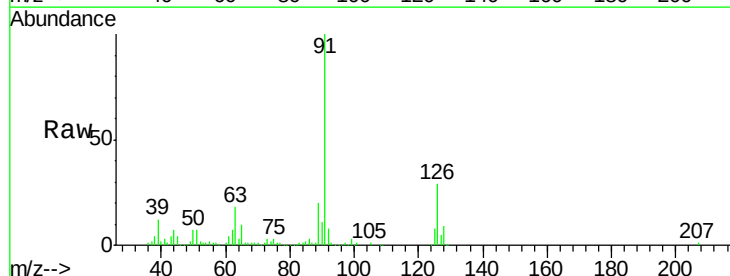
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

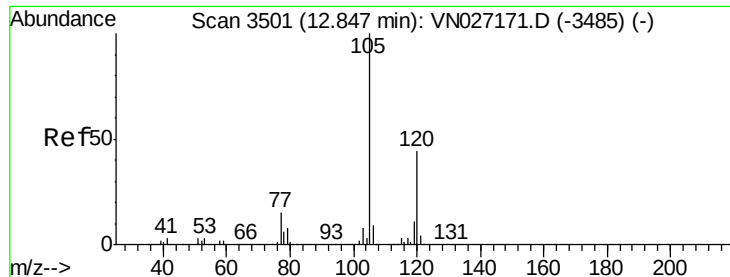
Tgt Ion: 91 Resp: 222859
Ion Ratio Lower Upper
91 100
120 19.8 10.3 30.8



#80
2-Chlorotoluene
Concen: 7.15 ug/l
RT: 12.79 min Scan# 3484
Delta R.T. 0.00 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

Tgt Ion: 91 Resp: 140629
Ion Ratio Lower Upper
91 100
126 28.5 15.2 45.5

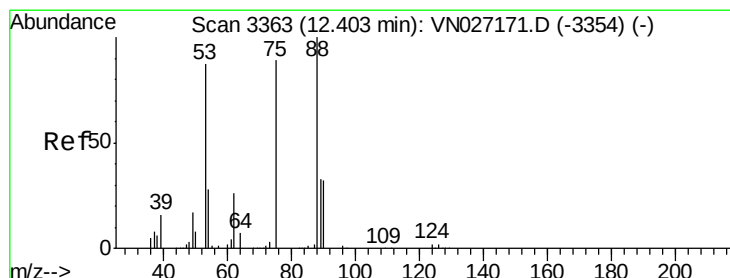
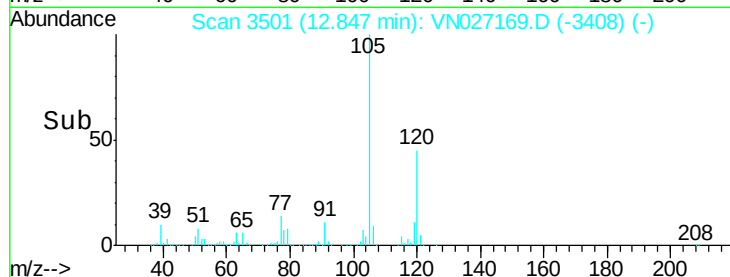
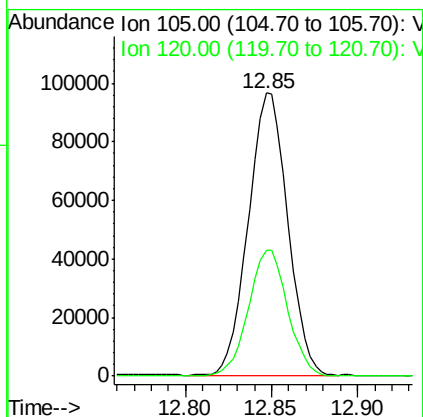
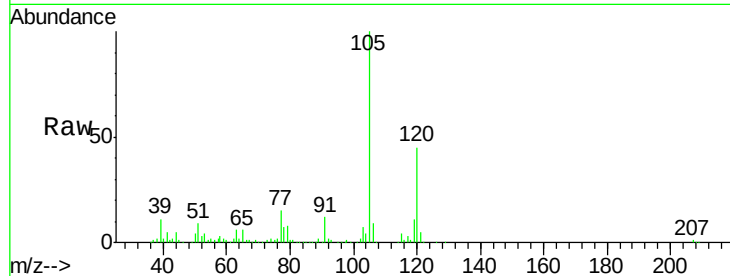




#81
 1,3,5-Trimethylbenzene
 Concen: 6.95 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

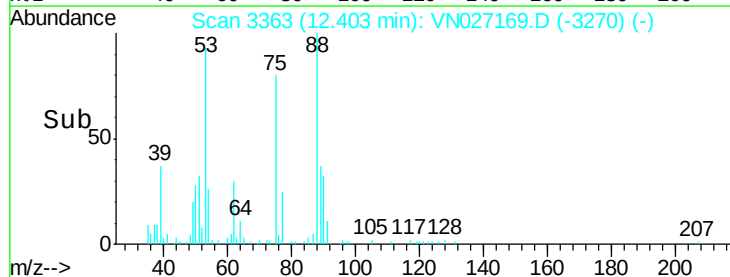
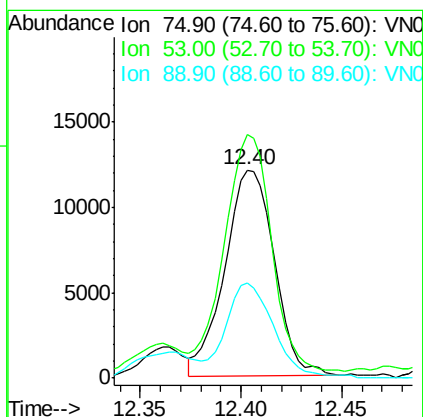
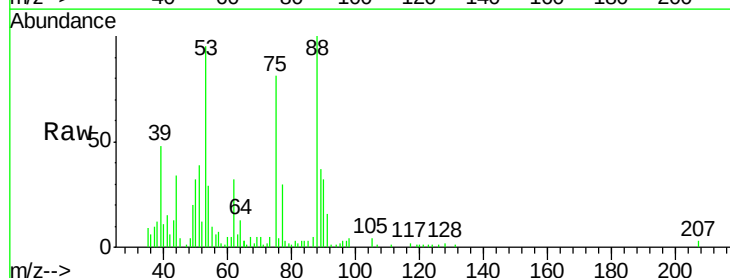
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

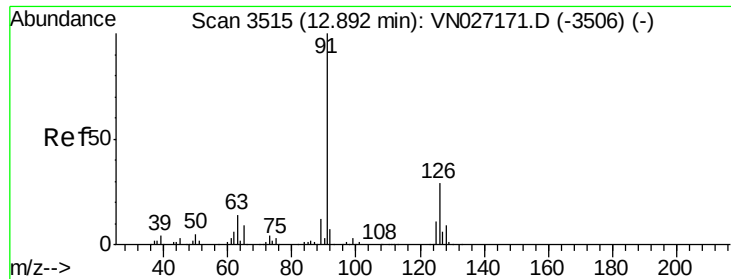
Tgt Ion: 105 Resp: 152325
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 8.94 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion: 75 Resp: 20800
 Ion Ratio Lower Upper
 75 100
 53 108.9 92.9 139.3
 89 42.1 34.2 51.4

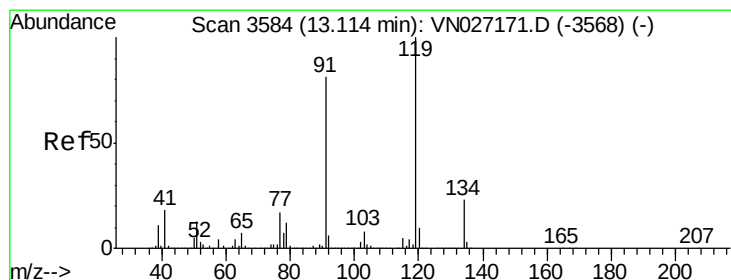
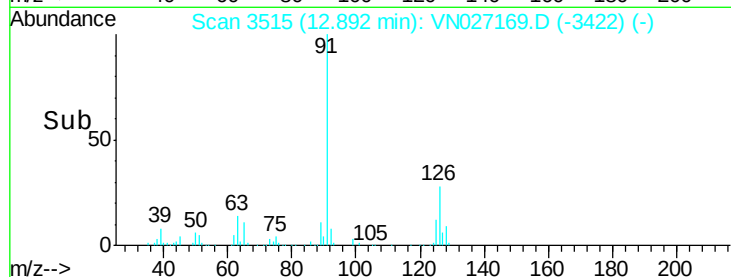
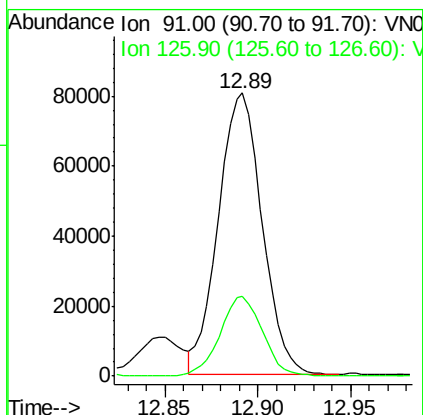
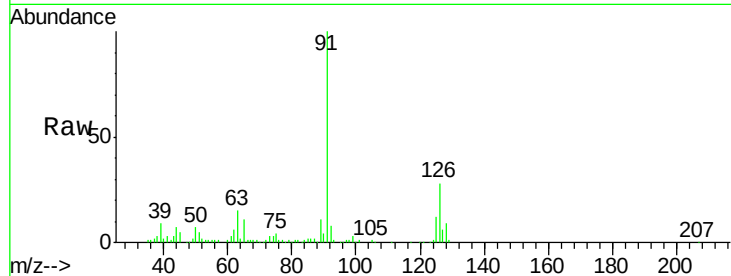




#83
4-Chlorotoluene
Concen: 6.92 ug/l
RT: 12.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

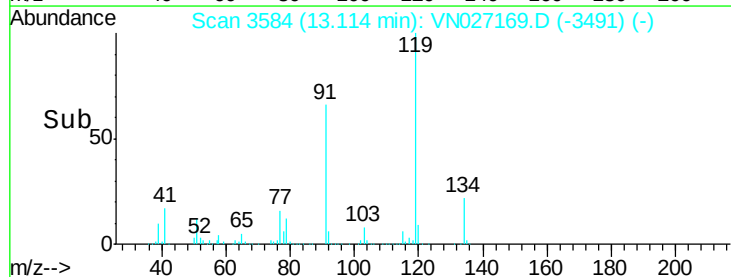
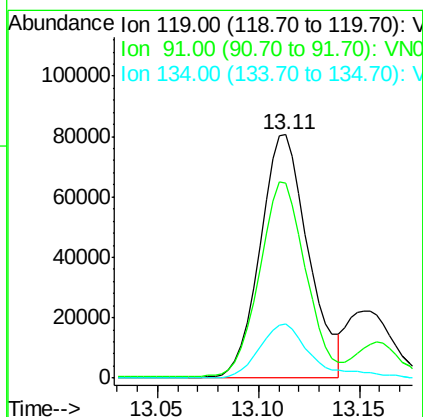
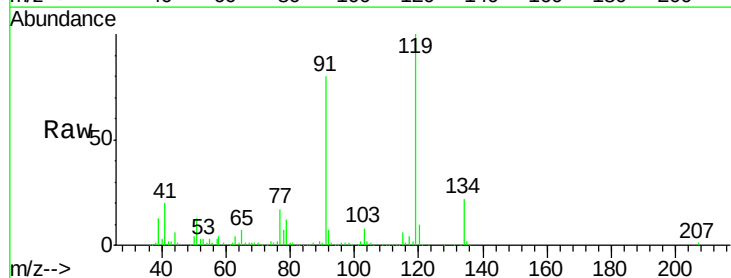
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

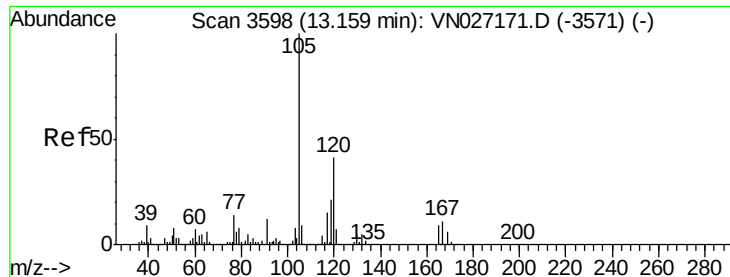
Tgt Ion: 91 Resp: 131665
Ion Ratio Lower Upper
91 100
126 27.6 14.9 44.5



#84
tert-Butylbenzene
Concen: 6.84 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027169.D
Acq: 15 Sep 2015 15:56

Tgt Ion: 119 Resp: 134131
Ion Ratio Lower Upper
119 100
91 77.5 34.6 103.8
134 24.1 11.4 34.2





#85

1,2,4-Trimethylbenzene

Concen: 6.86 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampled :

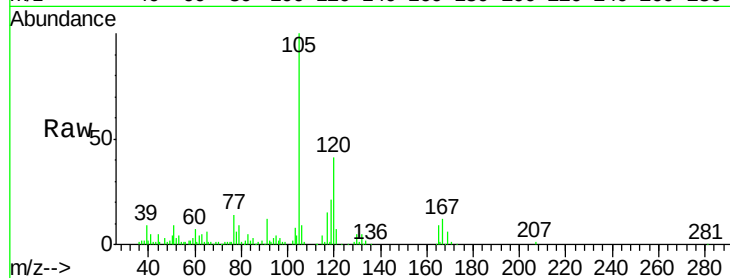
VSTDIC005

Tgt Ion:105 Resp: 151531

Ion Ratio Lower Upper

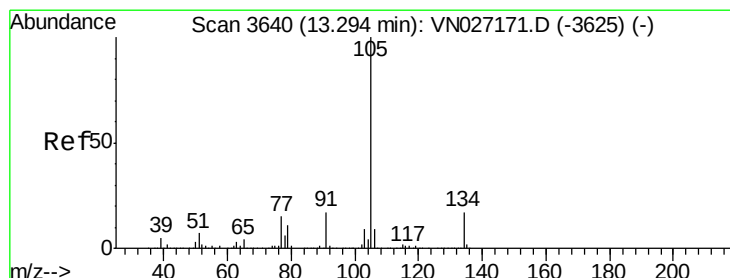
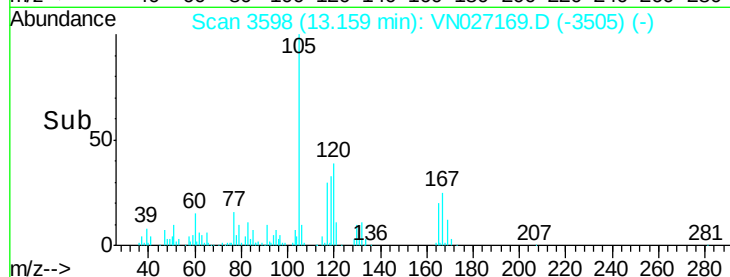
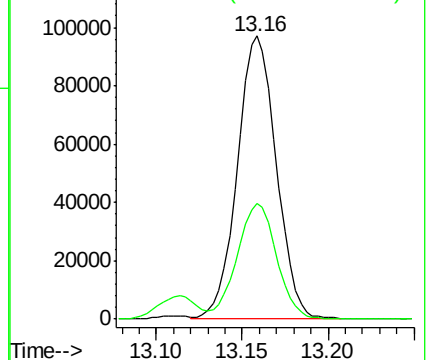
105 100

120 42.1 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: 6.92 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN027169.D

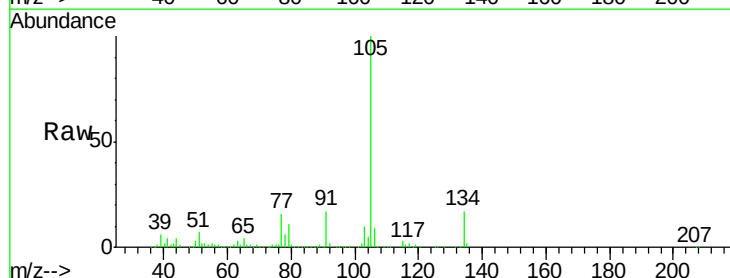
Acq: 15 Sep 2015 15:56

Tgt Ion:105 Resp: 187501

Ion Ratio Lower Upper

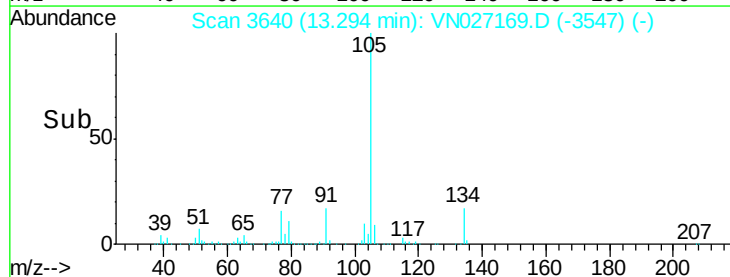
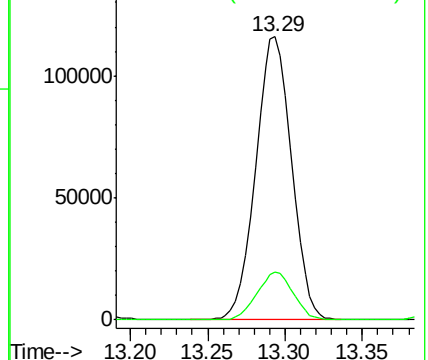
105 100

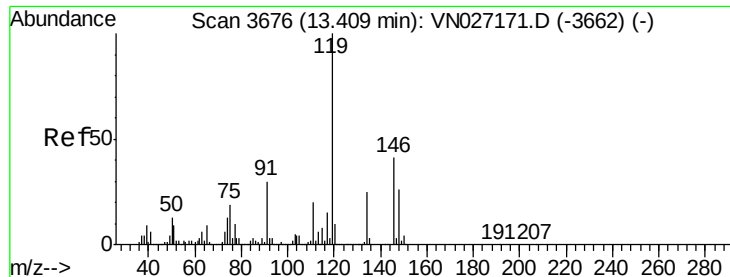
134 17.0 8.8 26.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

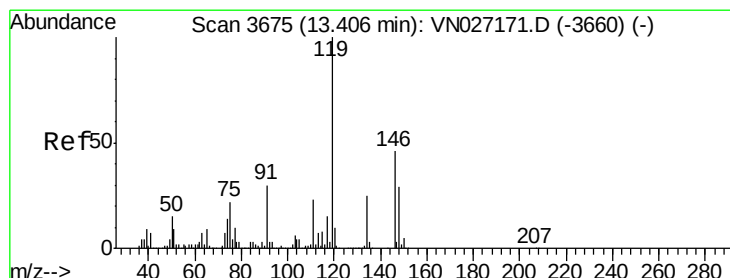
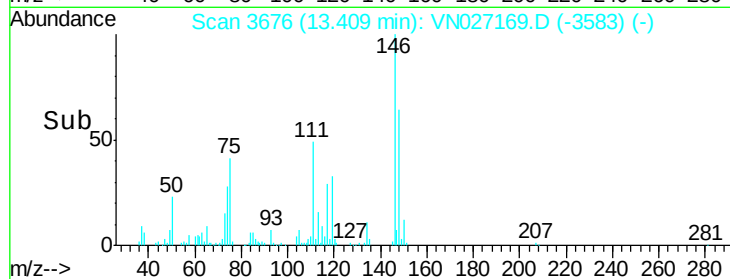
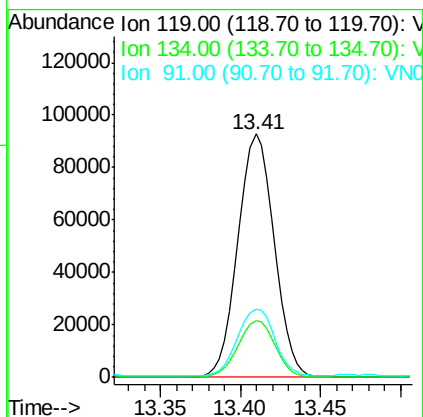
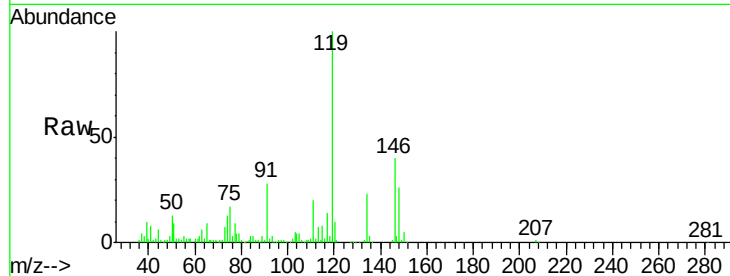




#87
 p-Isopropyltoluene
 Concen: 6.47 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

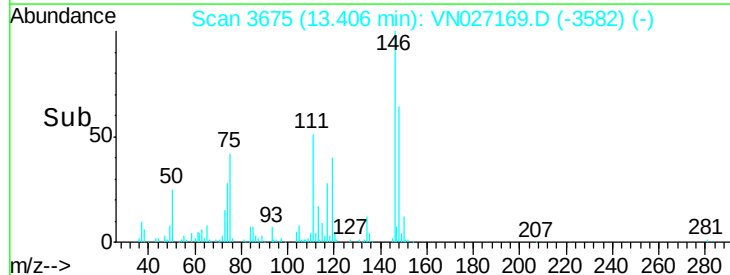
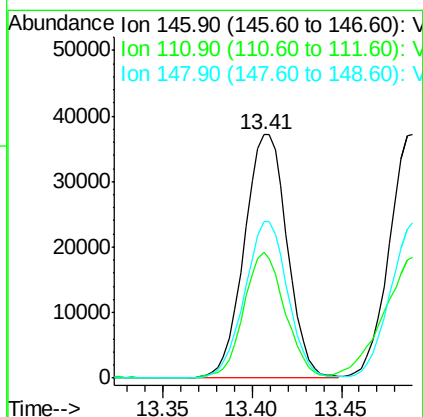
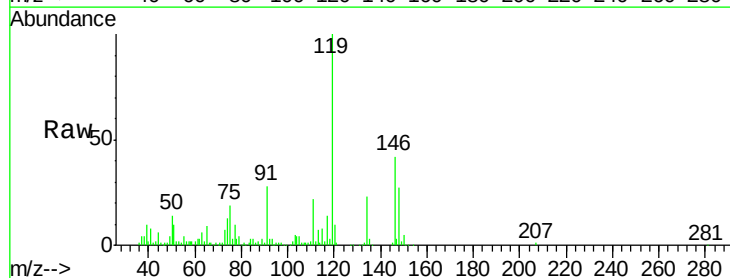
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

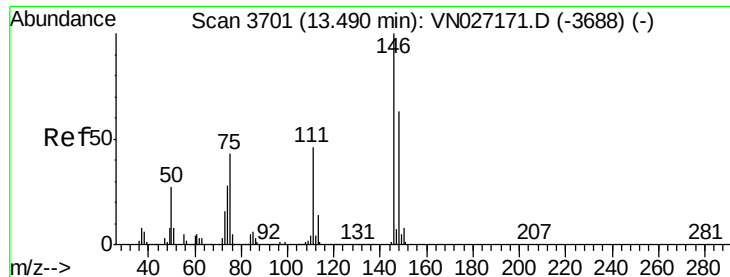
Tgt Ion:119 Resp: 142754
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.4 37.0
 91 27.9 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 5.20 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion:146 Resp: 62455
 Ion Ratio Lower Upper
 146 100
 111 49.8 21.0 63.0
 148 64.2 31.9 95.9

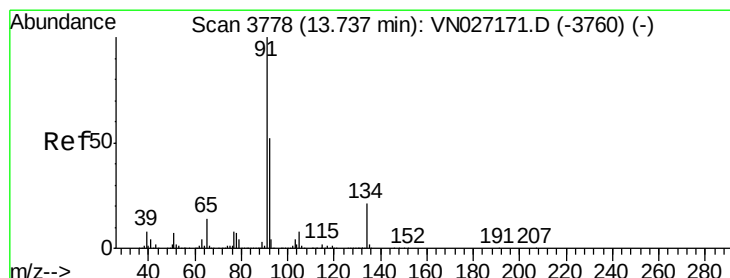
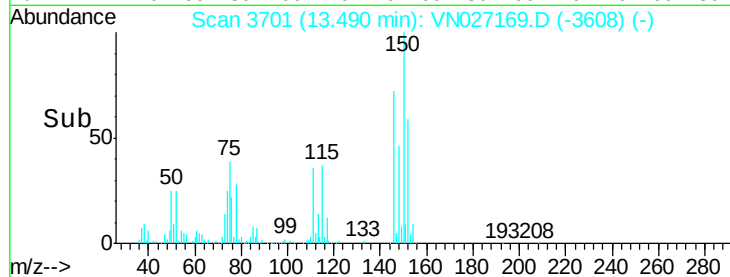
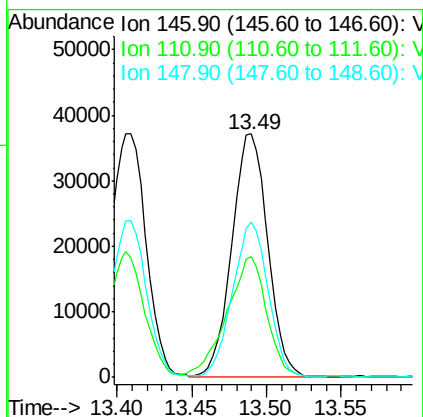
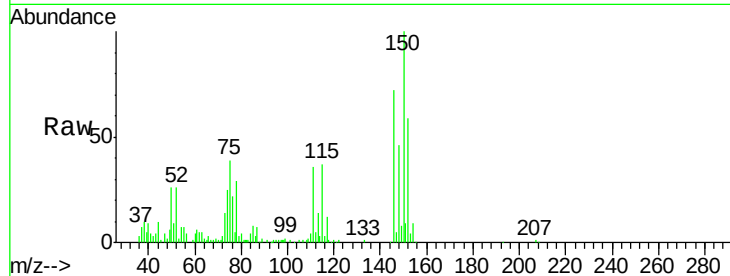




#89
 1,4-Dichlorobenzene
 Concen: 5.15 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

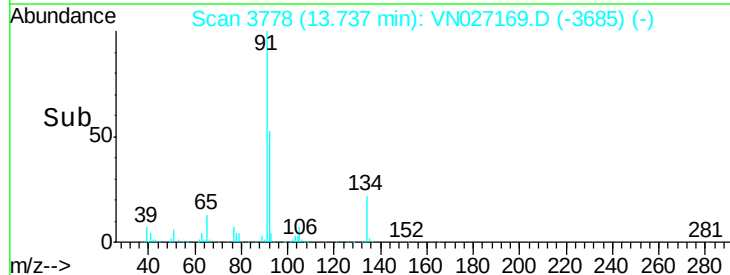
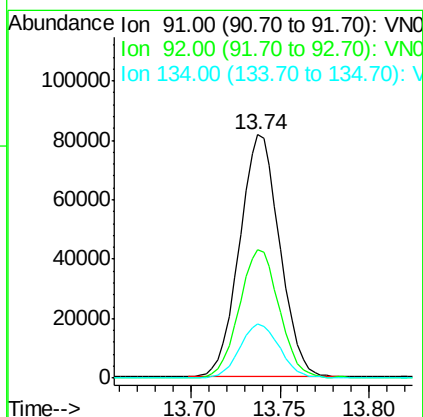
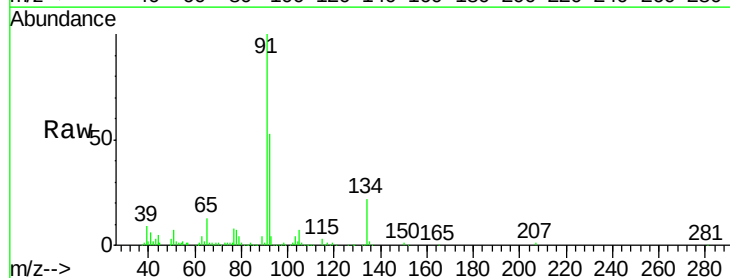
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

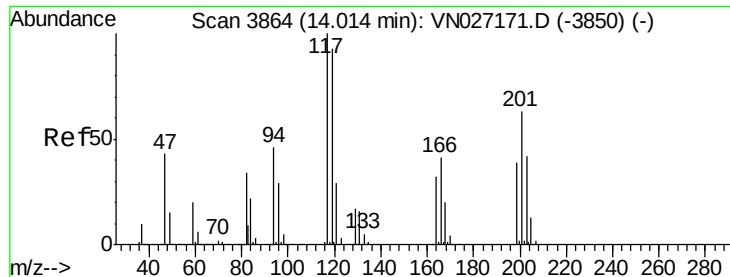
Tgt Ion:146 Resp: 62333
 Ion Ratio Lower Upper
 146 100
 111 53.7 19.9 59.6
 148 63.3 31.7 95.1



#90
 n-Butylbenzene
 Concen: 6.69 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Tgt Ion: 91 Resp: 127928
 Ion Ratio Lower Upper
 91 100
 92 53.2 26.1 78.2
 134 22.3 11.1 33.1





#91

Hexachloroethane

Concen: 7.41 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampled :

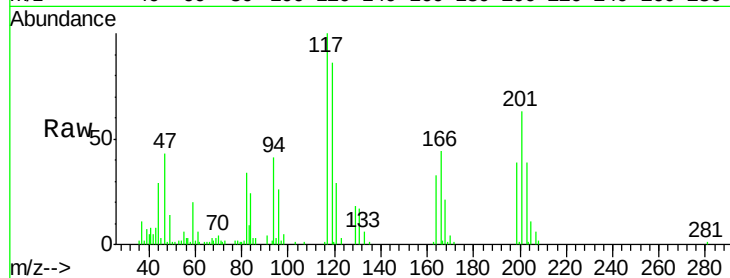
VSTDIC005

Tgt Ion:117 Resp: 32581

Ion Ratio Lower Upper

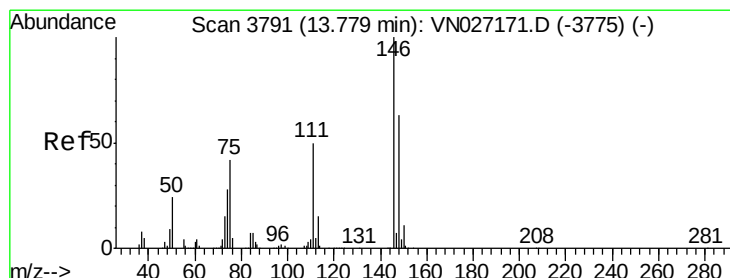
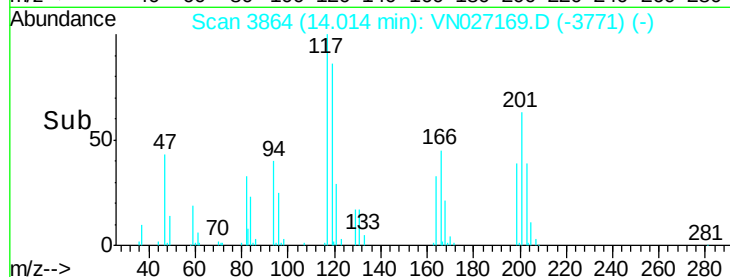
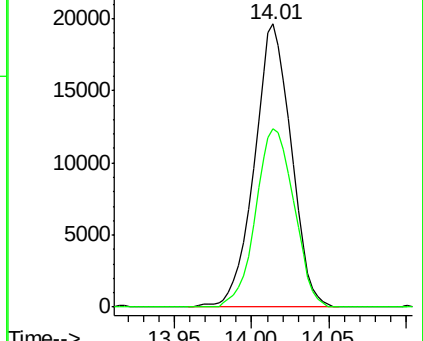
117 100

201 65.2 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 5.16 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

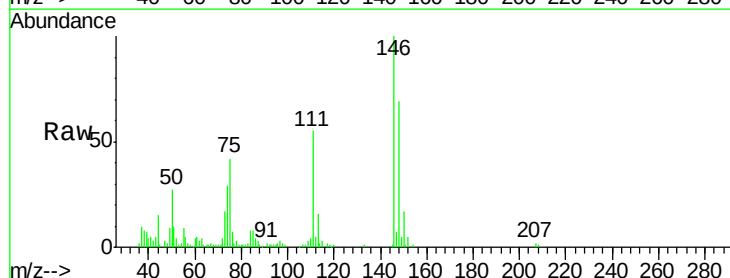
Tgt Ion:146 Resp: 61232

Ion Ratio Lower Upper

146 100

111 54.2 22.1 66.3

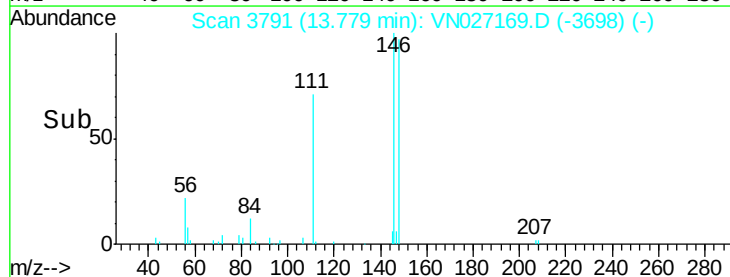
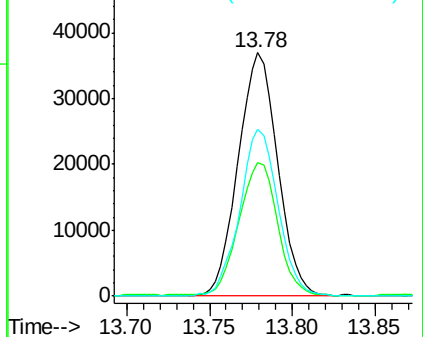
148 66.3 32.0 96.0

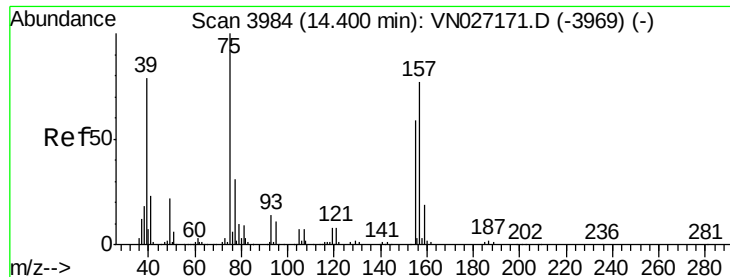


Abundance Ion 145.90 (145.60 to 146.60): V

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: 10.12 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

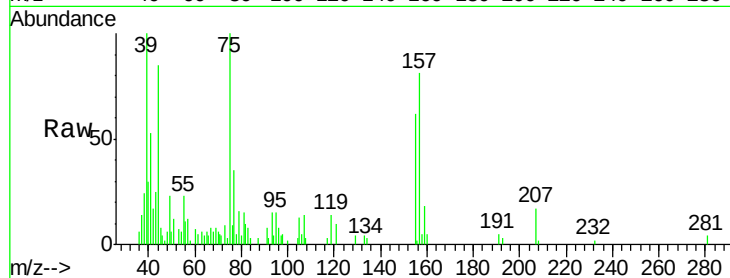
Tgt Ion: 75 Resp: 11795

Ion Ratio Lower Upper

75 100

155 56.5 35.6 106.9

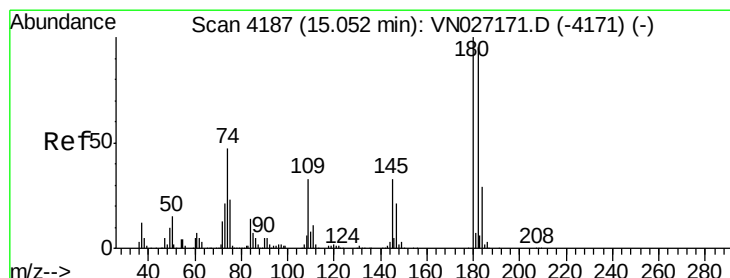
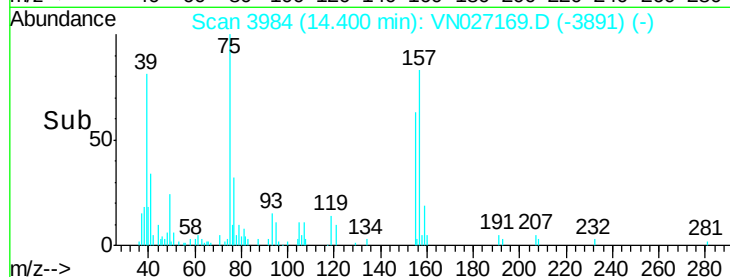
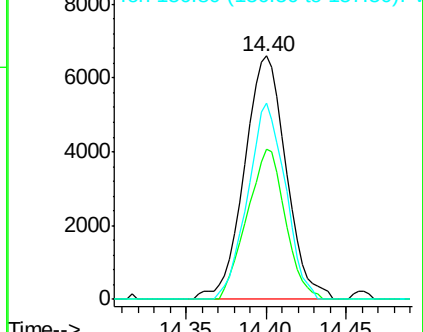
157 72.6 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN027169.D (-3891) (-)

Ion 154.80 (154.50 to 155.50): VN027169.D (-3891) (-)

Ion 156.80 (156.50 to 157.50): VN027169.D (-3891) (-)



#94

1,2,4-Trichlorobenzene

Concen: 5.05 ug/l

RT: 15.06 min Scan# 4188

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

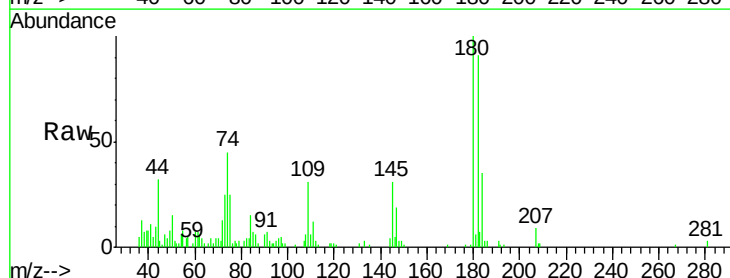
Tgt Ion: 180 Resp: 30269

Ion Ratio Lower Upper

180 100

182 91.5 47.5 142.5

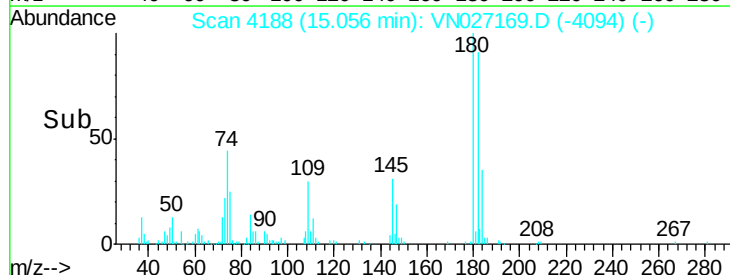
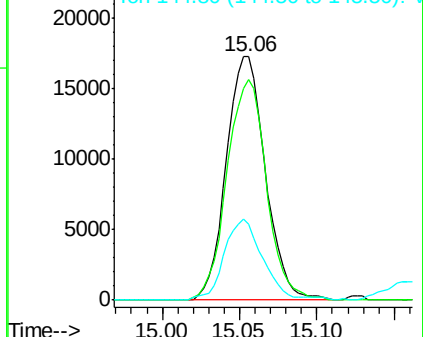
145 32.9 15.1 45.3

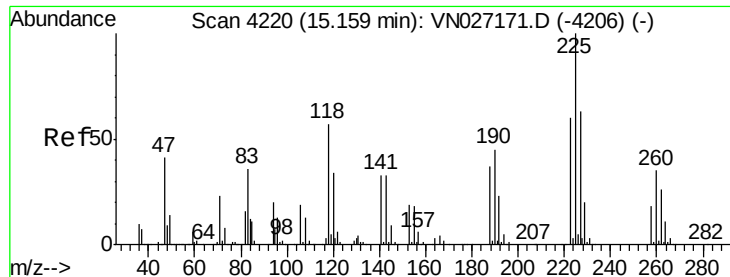


Abundance Ion 179.80 (179.50 to 180.50): VN027169.D (-4094) (-)

Ion 181.80 (181.50 to 182.50): VN027169.D (-4094) (-)

Ion 144.80 (144.50 to 145.50): VN027169.D (-4094) (-)





#95

Hexachlorobutadiene

Concen: 5.20 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

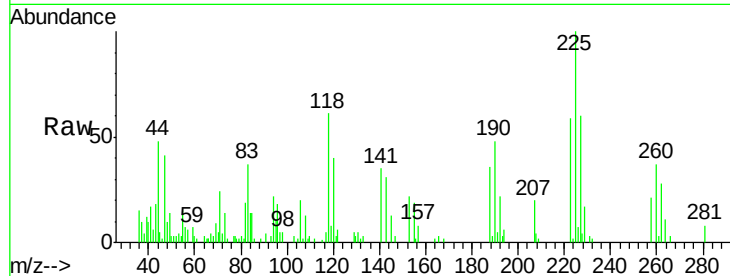
Tgt Ion:225 Resp: 17261

Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

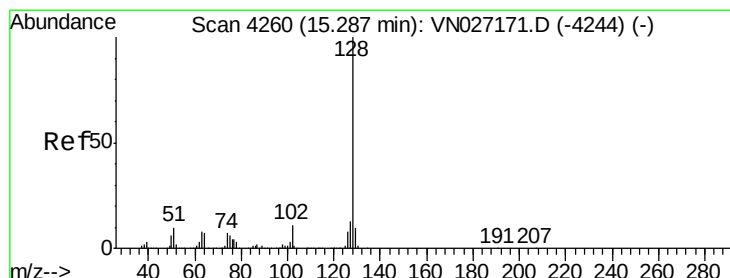
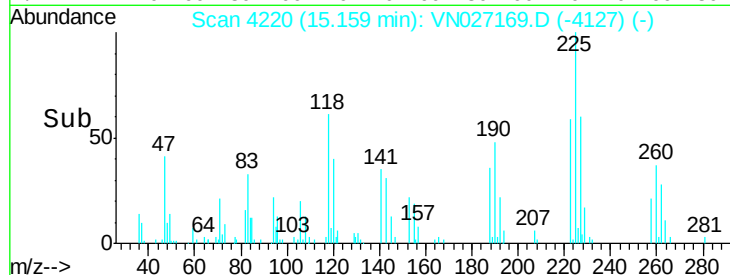
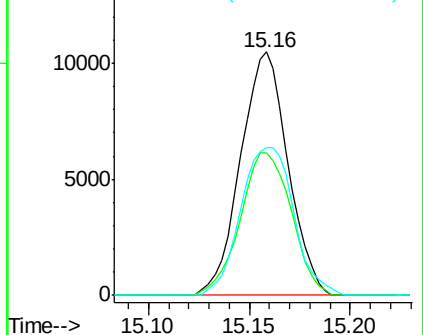
227 68.3 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 6.06 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027169.D

Acq: 15 Sep 2015 15:56

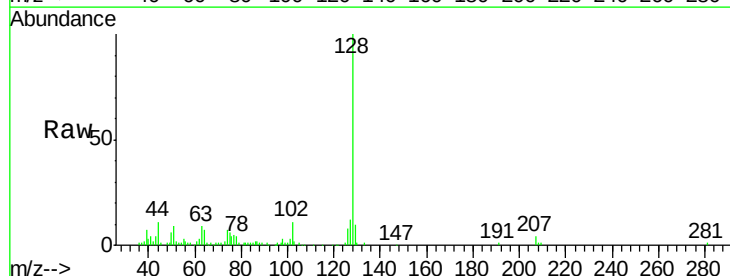
Tgt Ion:128 Resp: 86918

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

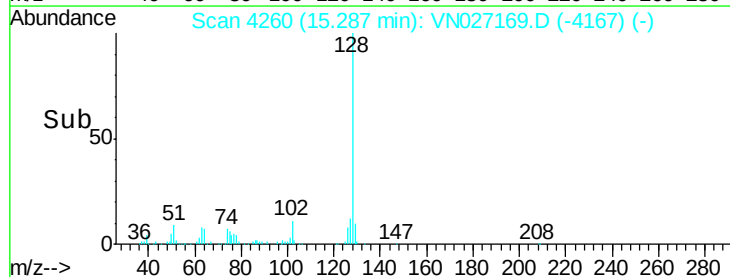
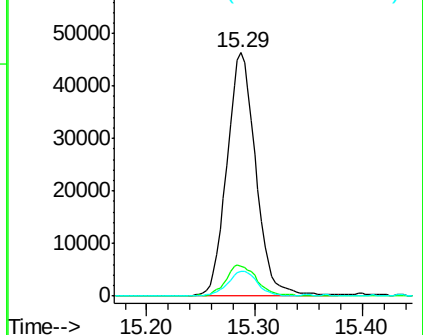
129 10.5 8.6 12.8

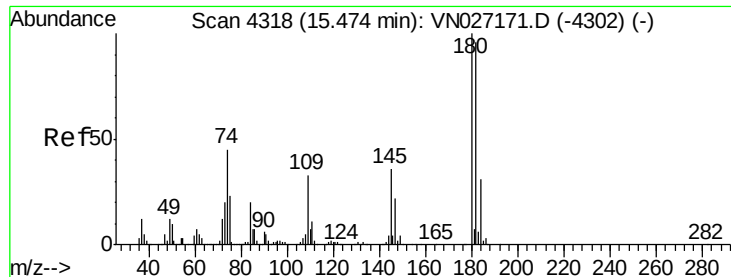


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

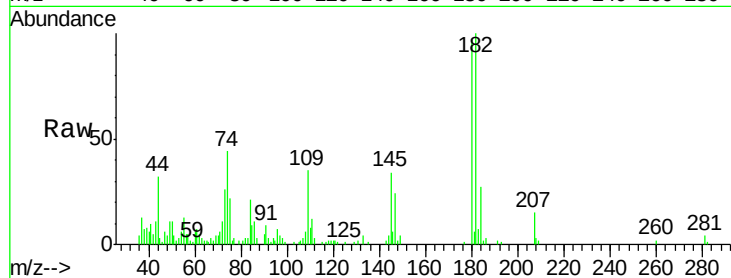




#97
 1,2,3-Trichlorobenzene
 Concen: 5.03 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027169.D
 Acq: 15 Sep 2015 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.8	146.4
145	36.2	16.6	49.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

