

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
 Data File : VN027176.D
 Acq On : 15 Sep 2015 20:34
 Operator : MD\FY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

Quant Time: Sep 16 01:18:47 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	580053	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1088878	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	933180	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	360732	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	569783	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
36) Dibromofluoromethane	7.68	113	361982	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
51) Toluene-d8	10.19	98	1399390	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
63) 4-Bromofluorobenzene	12.52	95	500726	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	327927	47.25	ug/l	99
3) Chlorodifluoromethane	1.82	51	399826	49.78	ug/l	95
4) Chloromethane	2.01	50	374520	48.22	ug/l	100
5) Vinyl Chloride	2.14	62	387548	47.28	ug/l	100
6) Bromomethane	2.54	94	189859	47.27	ug/l	99
7) Chloroethane	2.68	64	256724	46.07	ug/l	99
8) Trichlorofluoromethane	3.02	101	581603	46.97	ug/l	98
9) Diethyl Ether	3.42	74	272342	47.80	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	365668	47.02	ug/l	96
11) Methyl Iodide	3.99	142	388037	51.34	ug/l	93
12) Tert butyl alcohol	4.80	59	276926	238.28	ug/l	96
13) 1,1-Dichloroethene	3.77	96	346796	46.56	ug/l	94
14) Acrolein	3.62	56	370248	271.19	ug/l	96
15) Allyl chloride	4.37	41	717210	47.68	ug/l	# 85
16) Acrylonitrile	5.02	53	957284	251.89	ug/l	99
17) Acetone	3.82	43	757530	236.41	ug/l	96
18) Carbon Disulfide	4.11	76	1098419	45.29	ug/l	98
19) Methyl Acetate	4.36	43	1169178	50.38	ug/l	96
20) Methyl tert-butyl Ether	5.11	73	1412704	47.25	ug/l	96
21) Methylene Chloride	4.60	84	424533	47.56	ug/l	97
22) trans-1,2-Dichloroethene	5.12	96	375098	46.56	ug/l	95
23) Diisopropyl ether	6.03	45	1490846	47.24	ug/l	90
24) Vinyl Acetate	5.97	43	3446813	329.95	ug/l	98
25) 1,1-Dichloroethane	5.93	63	848506	46.28	ug/l	100
26) 2-Butanone	6.91	43	1184035	245.38	ug/l	96
27) 2,2-Dichloropropane	6.92	77	695631	43.73	ug/l	94
28) cis-1,2-Dichloroethene	6.92	96	437641	47.37	ug/l	93
29) Bromochloromethane	7.29	49	341281	47.95	ug/l	97
30) Tetrahydrofuran	7.31	42	762482	229.28	ug/l	92
31) Chloroform	7.46	83	790982	47.75	ug/l	99
32) Cyclohexane	7.77	56	791724	48.48	ug/l	92
33) 1,1,1-Trichloroethane	7.67	97	704306	47.68	ug/l	97
37) 1,1-Dichloropropene	7.89	75	610853	47.92	ug/l	98
38) Ethyl Acetate	7.02	43	544755	50.28	ug/l	98

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Quant Time: Sep 16 01:18:47 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	566448	47.27	ug/l	99
40) Methylcyclohexane	9.19	83	727139	46.84	ug/l	99
41) Benzene	8.14	78	1752194	47.11	ug/l	99
42) Methacrylonitrile	7.24	41	302009	49.02	ug/l #	90
43) 1,2-Dichloroethane	8.22	62	711165	47.47	ug/l	94
44) Isopropyl Acetate	8.25	43	994328	48.82	ug/l	99
45) Trichloroethene	8.93	130	357153	47.81	ug/l	90
46) 1,2-Dichloropropane	9.21	63	492513	46.03	ug/l	99
47) Dibromomethane	9.31	93	292805	46.61	ug/l	92
48) Bromodichloromethane	9.49	83	628834	47.50	ug/l	98
49) Methyl methacrylate	9.29	41	486363	47.93	ug/l #	89
50) 1,4-Dioxane	9.30	88	111928	940.40	ug/l	96
52) 4-Methyl-2-Pentanone	10.07	43	2555560	237.30	ug/l	99
53) Toluene	10.26	92	1028654	47.22	ug/l	97
54) t-1,3-Dichloropropene	10.47	75	705231	47.43	ug/l	100
55) cis-1,3-Dichloropropene	9.93	75	751918	46.49	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	391887	47.87	ug/l	98
57) Ethyl methacrylate	10.52	69	659133	47.77	ug/l #	91
58) 1,3-Dichloropropane	10.81	76	722018	47.51	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	1612901	254.61	ug/l	98
60) 2-Hexanone	10.84	43	1745044	238.00	ug/l	100
61) Dibromochloromethane	11.00	129	398164	47.62	ug/l	100
62) 1,2-Dibromoethane	11.11	107	382532	47.55	ug/l	100
65) Tetrachloroethene	10.74	164	273367	45.81	ug/l	93
66) Chlorobenzene	11.54	112	1022801	46.43	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	351684	46.80	ug/l	99
68) Ethyl Benzene	11.62	91	1938322	46.40	ug/l	100
69) m/p-Xylenes	11.73	106	1355687	94.06	ug/l	91
70) o-Xylene	12.06	106	675935	46.78	ug/l	92
71) Styrene	12.07	104	1118039	47.93	ug/l	94
72) Bromoform	12.24	173	247755	47.41	ug/l #	99
74) Isopropylbenzene	12.36	105	1823405	45.87	ug/l	99
75) N-amyl acetate	12.17	43	839001	47.29	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	527656	51.52	ug/l	98
77) 1,2,3-Trichloropropane	12.66	75	740492	67.92	ug/l	51
78) Bromobenzene	12.64	156	356008	45.67	ug/l	93
79) n-propylbenzene	12.71	91	2172469	46.45	ug/l	98
80) 2-Chlorotoluene	12.79	91	1297296	46.20	ug/l	96
81) 1,3,5-Trimethylbenzene	12.85	105	1469265	46.01	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.40	75	197705	44.54	ug/l	91
83) 4-Chlorotoluene	12.89	91	1295518	46.95	ug/l	96
84) tert-Butylbenzene	13.11	119	1170865	44.44	ug/l	88
85) 1,2,4-Trimethylbenzene	13.16	105	1458193	45.46	ug/l	96
86) sec-Butylbenzene	13.29	105	1780253	46.12	ug/l	99
87) p-Isopropyltoluene	13.41	119	1367934	46.01	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	622831	46.69	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	618996	45.82	ug/l	96
90) n-Butylbenzene	13.74	91	1367711	47.41	ug/l	99
91) Hexachloroethane	14.01	117	293629	45.13	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	615298	46.68	ug/l	96

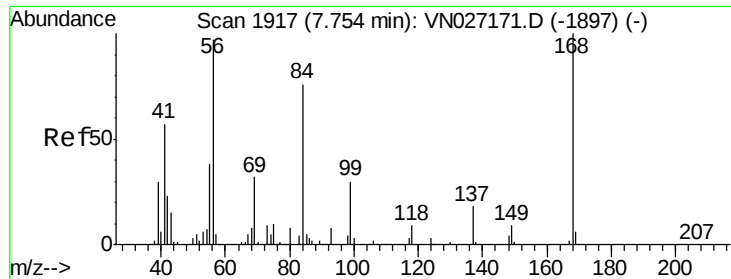
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
Data File : VN027176.D
Acq On : 15 Sep 2015 20:34
Operator : MD\FY
Sample : VSTDICV050
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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	110177	48.49	ug/l	87
94) 1,2,4-Trichlorobenzene	15.05	180	345992	48.59	ug/l	98
95) Hexachlorobutadiene	15.16	225	176874	47.16	ug/l	98
96) Naphthalene	15.29	128	1041215	49.88	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	342410	48.37	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

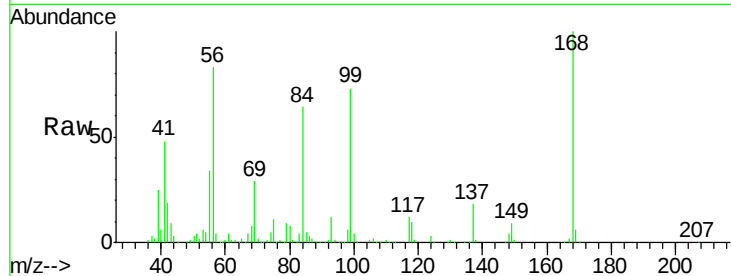
ICVFN091515

Tgt Ion:168 Resp: 580053

Ion Ratio Lower Upper

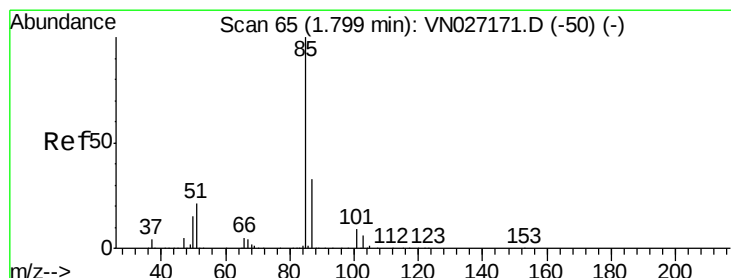
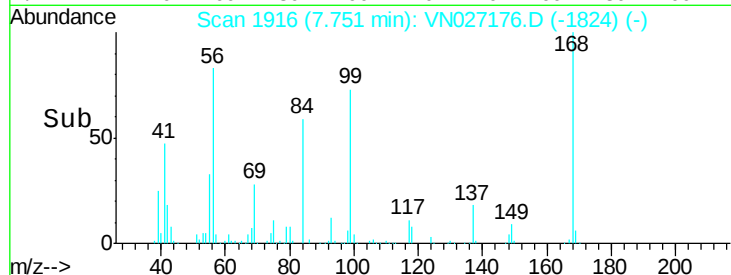
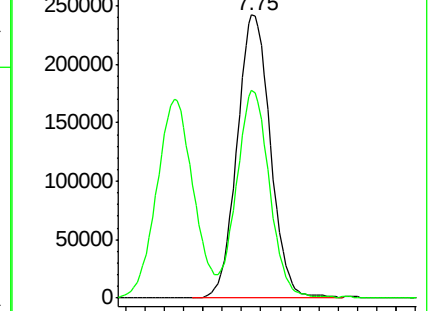
168 100

99 72.8 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.25 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027176.D

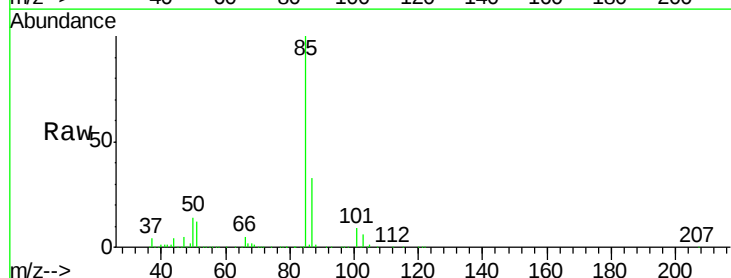
Acq: 15 Sep 2015 20:34

Tgt Ion: 85 Resp: 327927

Ion Ratio Lower Upper

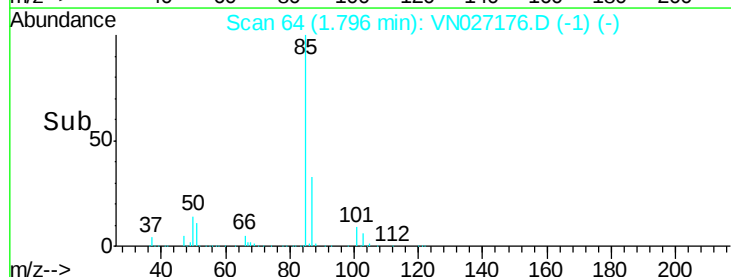
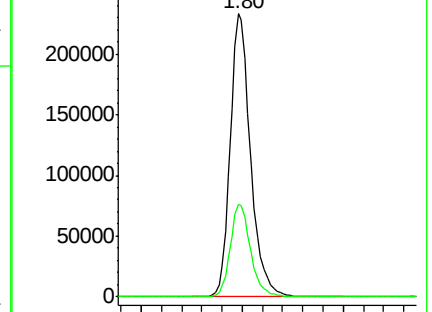
85 100

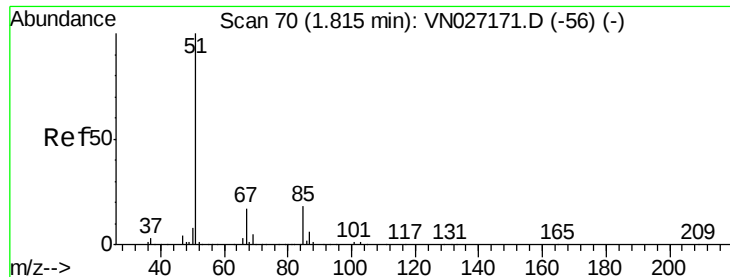
87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chlorodifluoromethane

Concen: 49.78 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

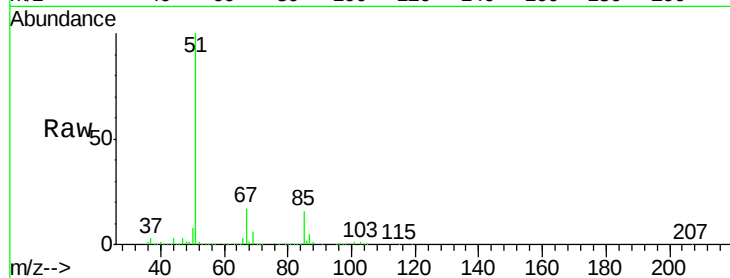
ICVVN091515

Tgt Ion: 51 Resp: 399826

Ion Ratio Lower Upper

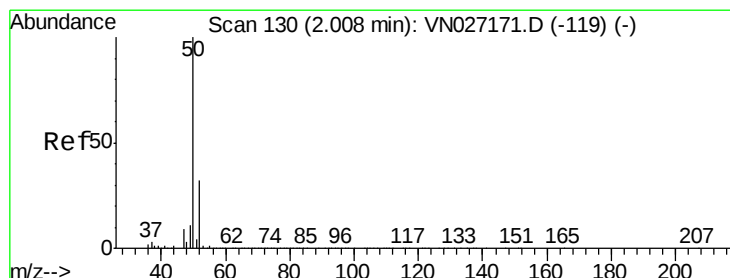
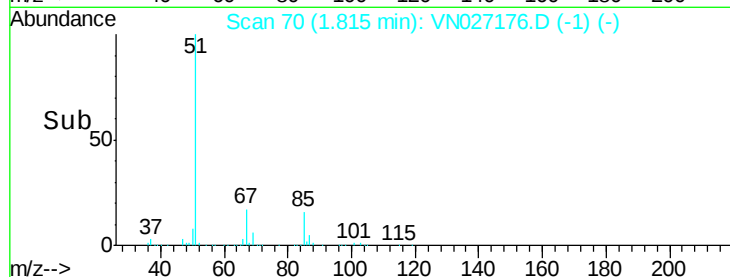
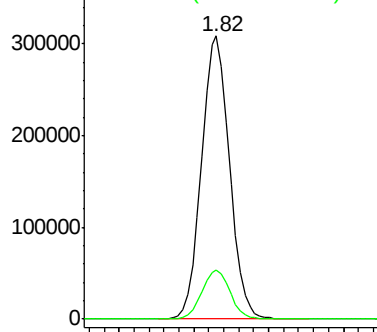
51 100

67 17.4 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: 48.22 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027176.D

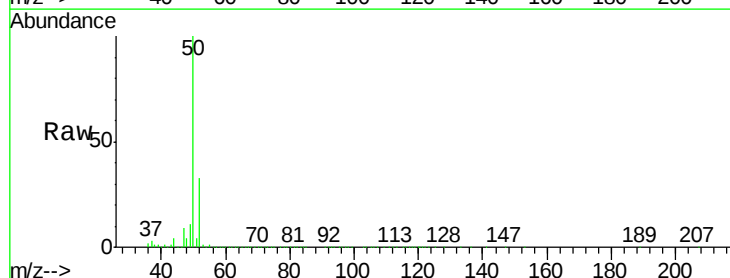
Acq: 15 Sep 2015 20:34

Tgt Ion: 50 Resp: 374520

Ion Ratio Lower Upper

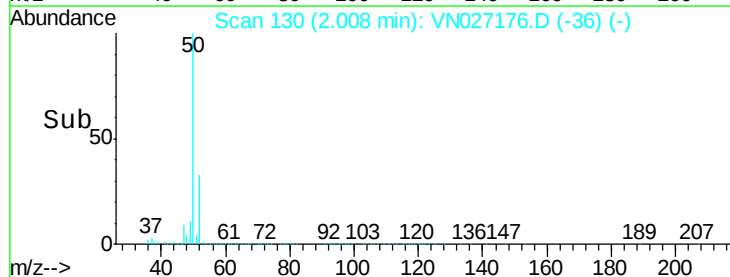
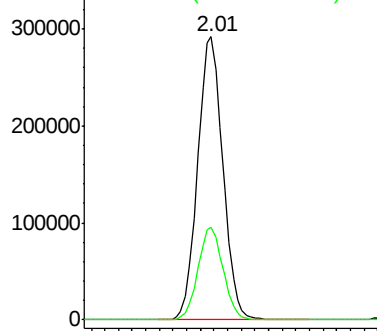
50 100

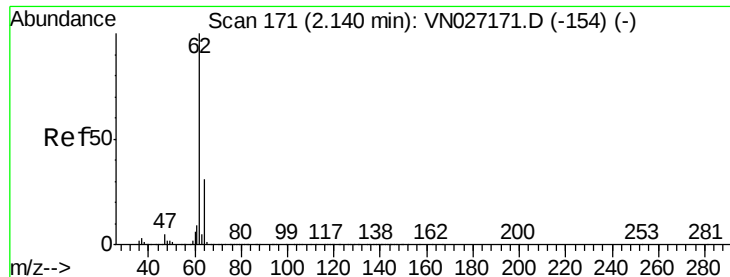
52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 47.28 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

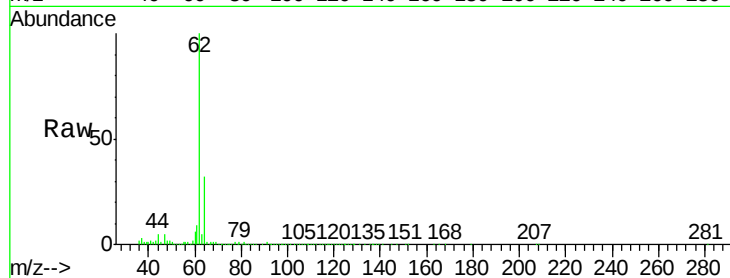
ICVVN091515

Tgt Ion: 62 Resp: 387548

Ion Ratio Lower Upper

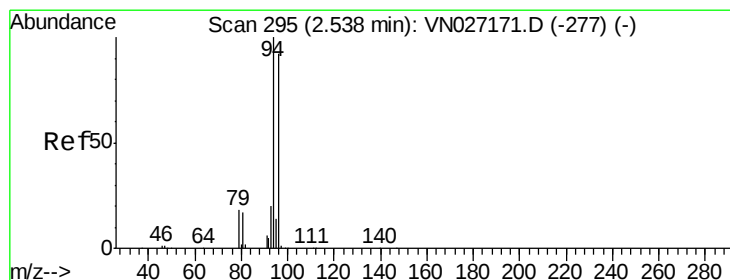
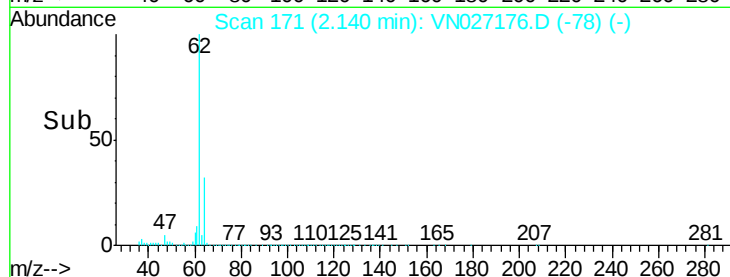
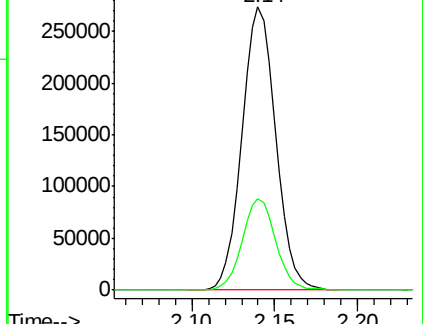
62 100

64 32.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC



#6

Bromomethane

Concen: 47.27 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VN027176.D

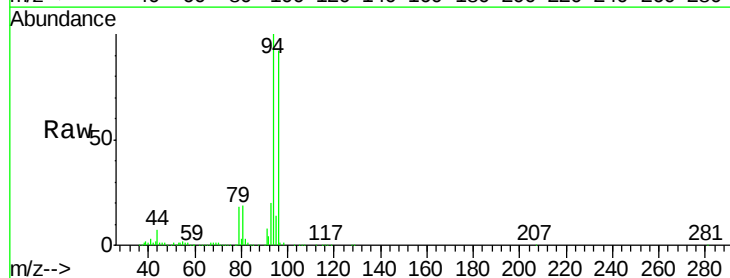
Acq: 15 Sep 2015 20:34

Tgt Ion: 94 Resp: 189859

Ion Ratio Lower Upper

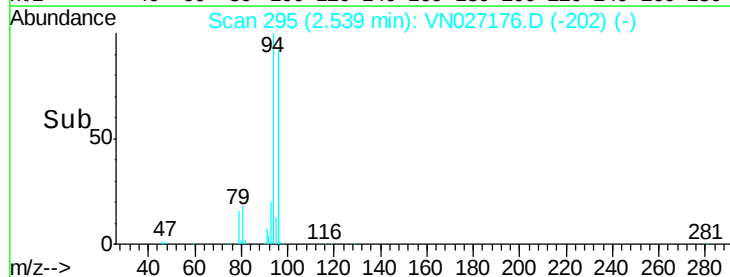
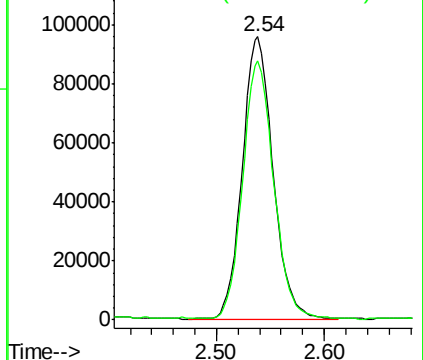
94 100

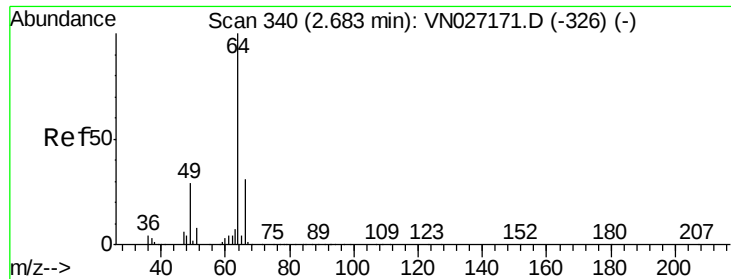
96 91.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC





#7

Chloroethane

Concen: 46.07 ug/l

RT: 2.68 min Scan# 340

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

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ClientSampleId :

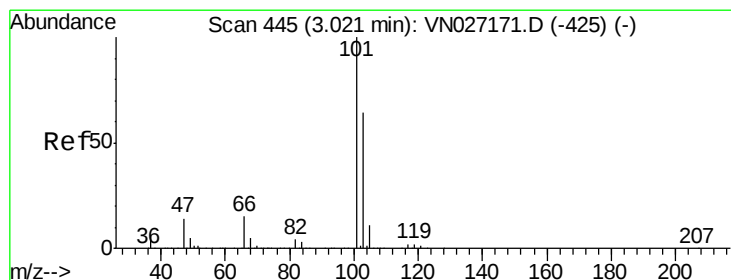
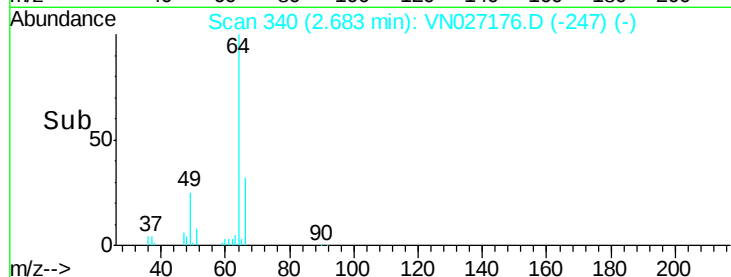
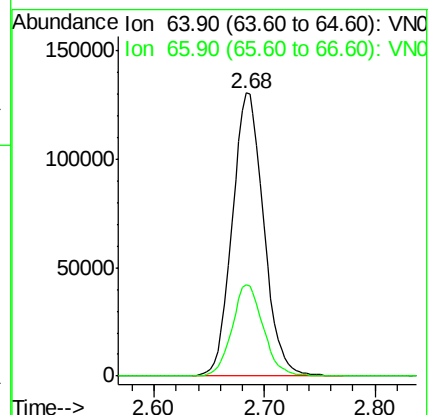
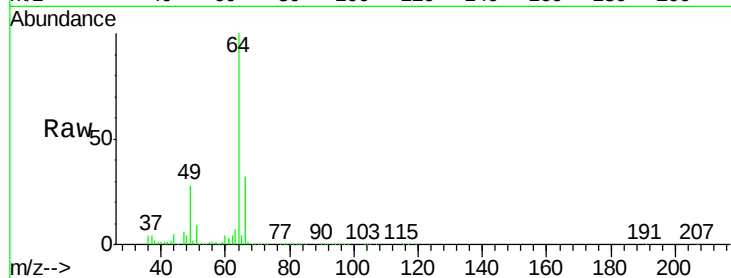
ICVVN091515

Tgt Ion: 64 Resp: 256724

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



#8

Trichlorofluoromethane

Concen: 46.97 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027176.D

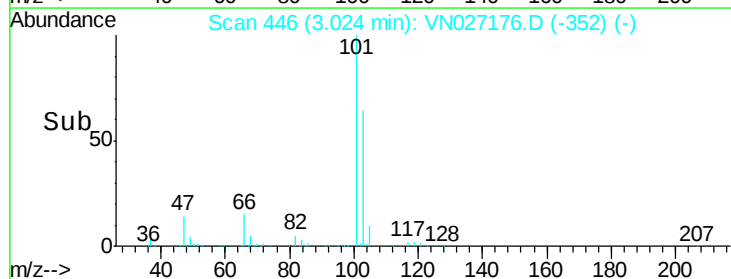
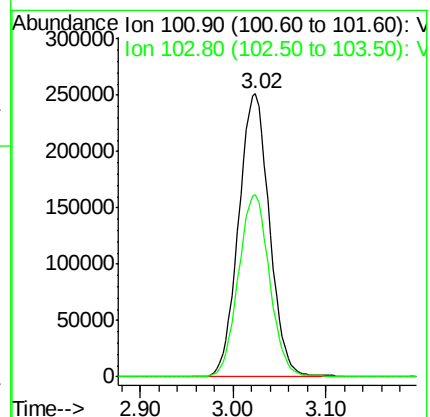
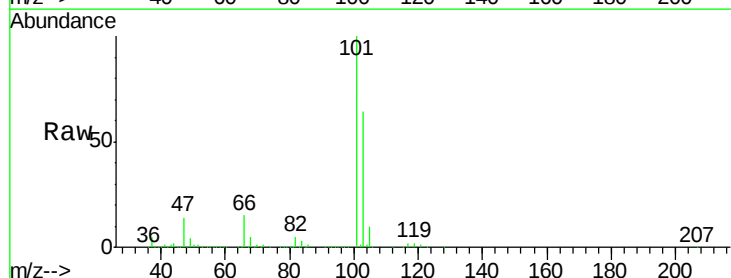
Acq: 15 Sep 2015 20:34

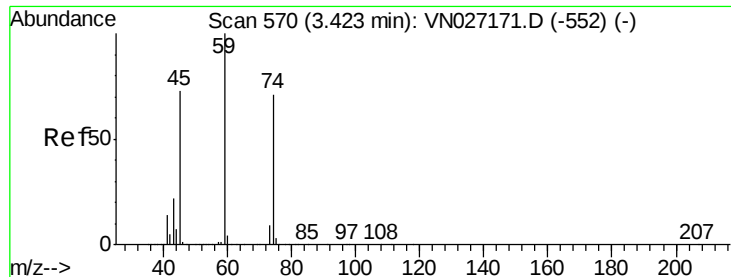
Tgt Ion: 101 Resp: 581603

Ion Ratio Lower Upper

101 100

103 64.3 52.6 79.0





#9

Diethyl Ether

Concen: 47.80 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampled :

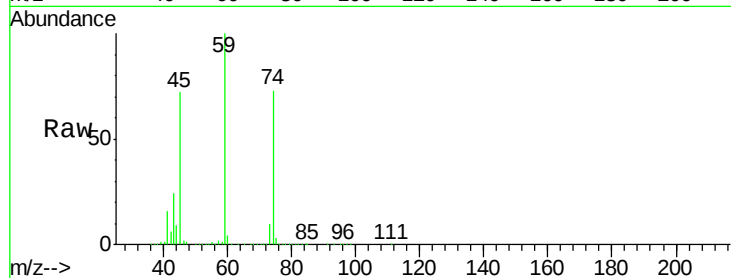
ICVVN091515

Tgt Ion: 74 Resp: 272342

Ion Ratio Lower Upper

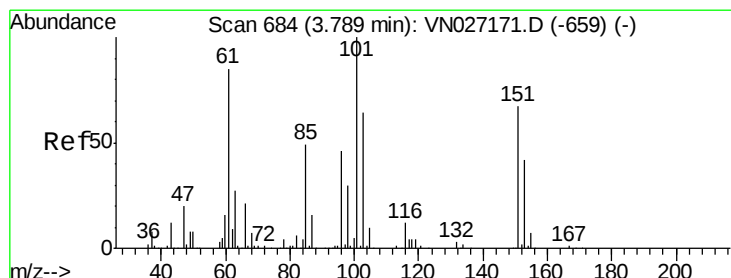
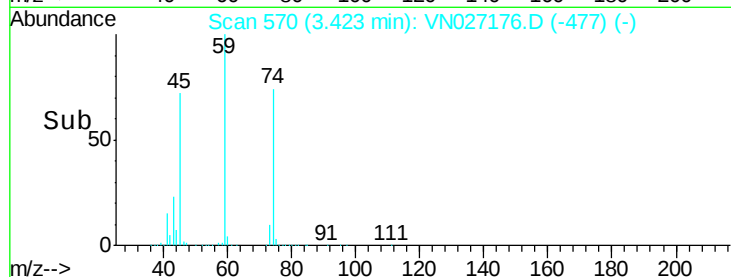
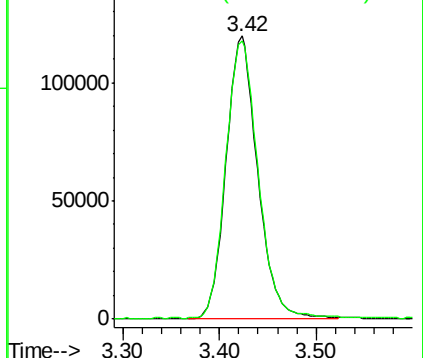
74 100

45 99.9 58.1 174.3



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#10

1,1,2-Trichlorotrifluoroethane

Concen: 47.02 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

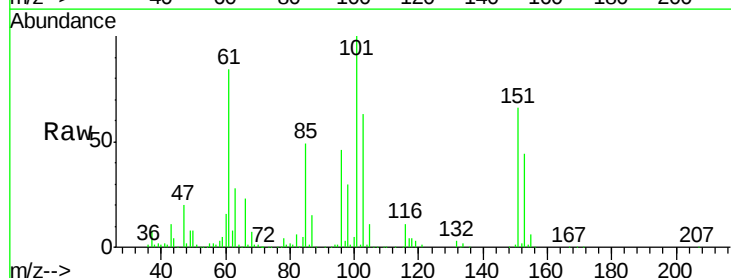
Tgt Ion: 101 Resp: 365668

Ion Ratio Lower Upper

101 100

85 48.6 37.4 56.0

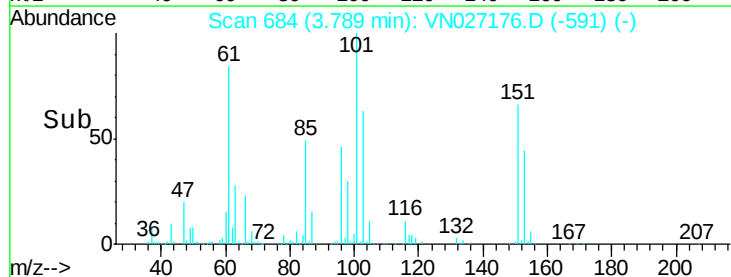
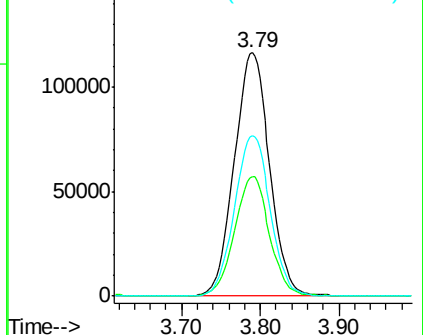
151 66.6 55.9 83.9

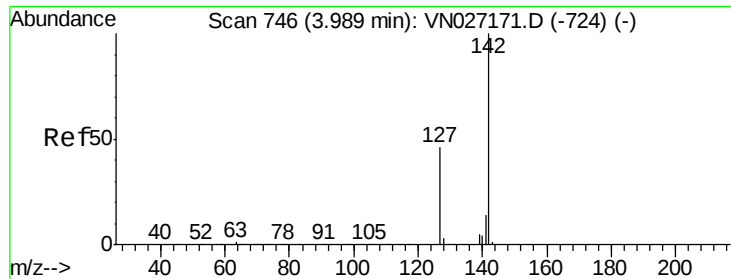


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

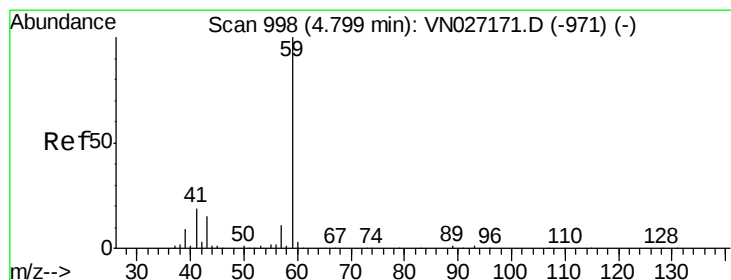
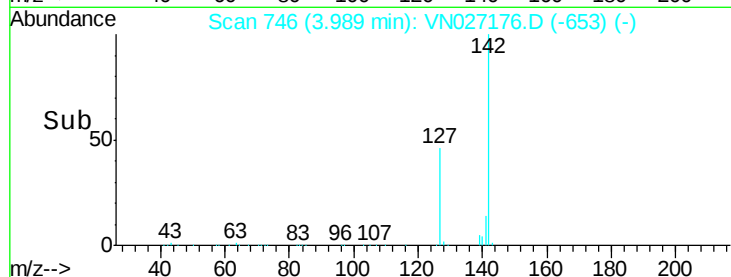
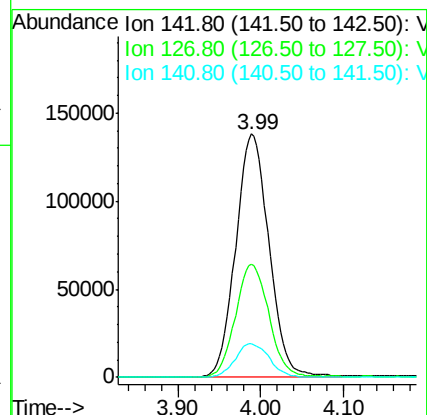
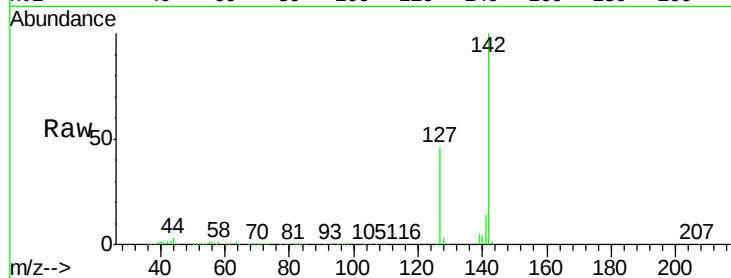




#11
Methyl Iodide
Concen: 51.34 ug/l
RT: 3.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

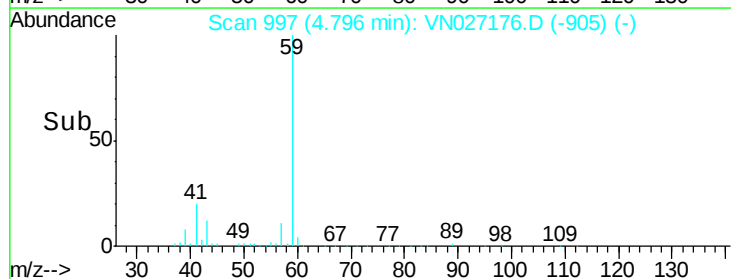
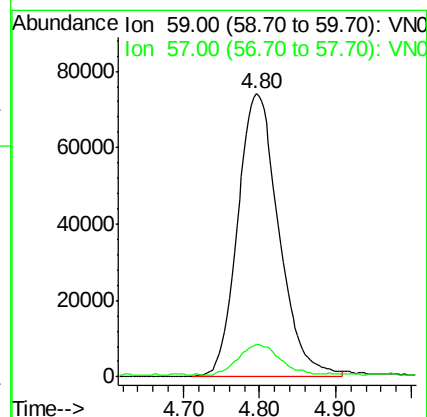
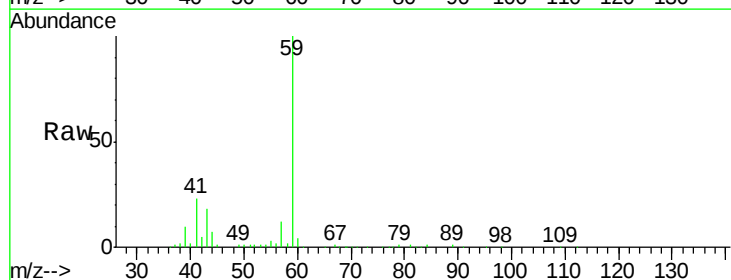
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091515

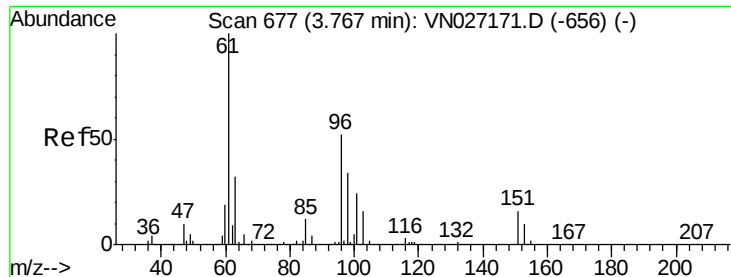
Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.5	32.3	48.5
141	14.2	11.2	16.8



#12
Tert butyl alcohol
Concen: 238.28 ug/l
RT: 4.80 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.1	7.6	11.4

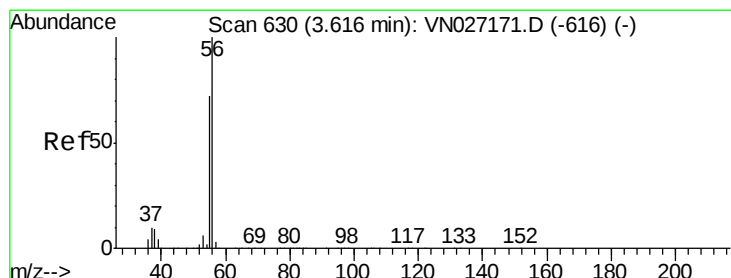
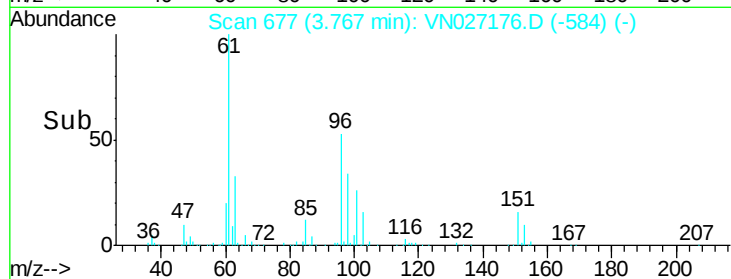
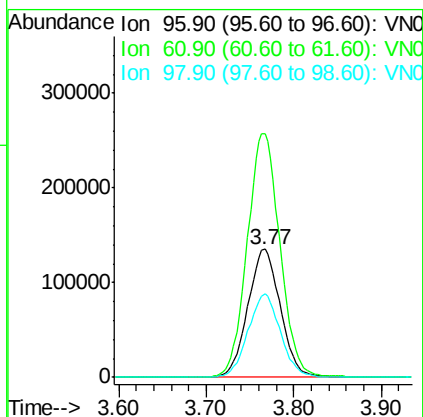
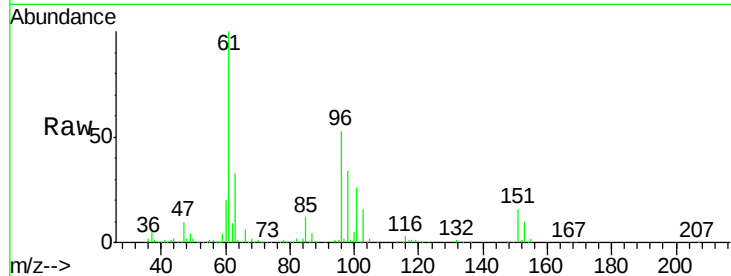




#13
 1,1-Dichloroethene
 Concen: 46.56 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

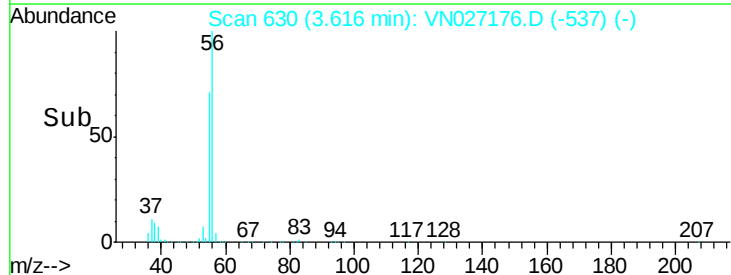
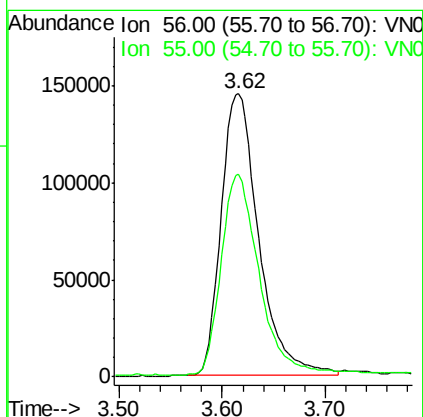
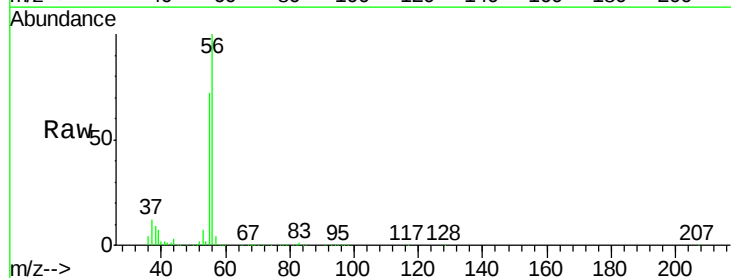
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

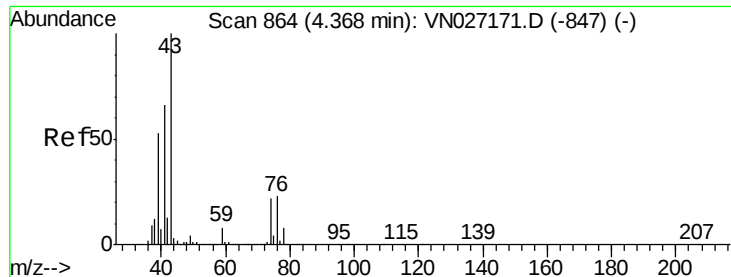
Tgt Ion	Ratio	Lower	Upper
96	100		
61	190.4	143.8	215.8
98	64.9	50.3	75.5



#14
 Acrolein
 Concen: 271.19 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.6	55.7	83.5

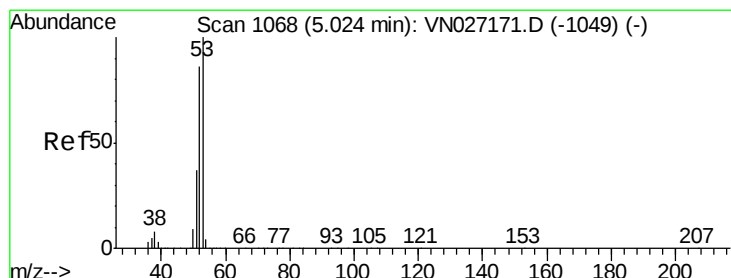
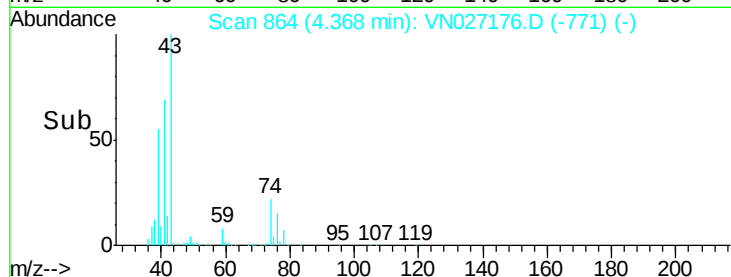
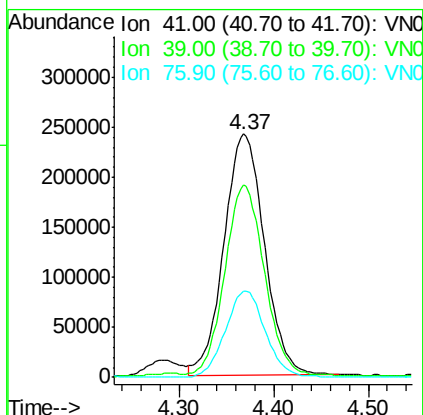
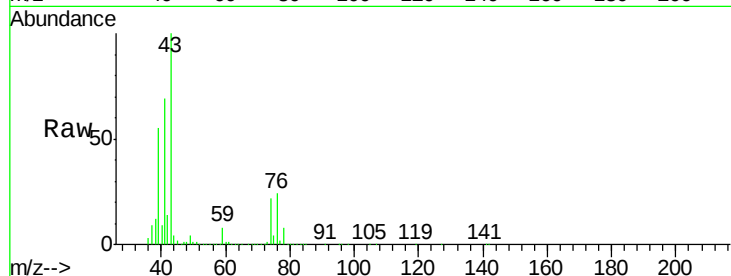




#15
 Allyl chloride
 Concen: 47.68 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

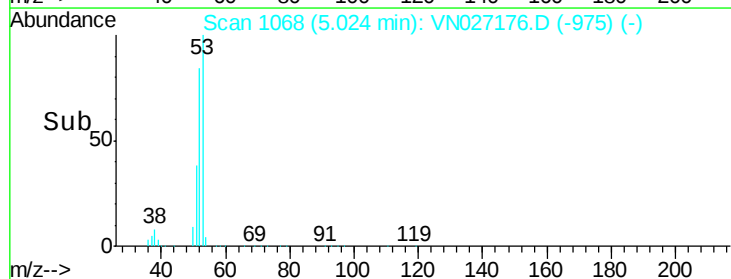
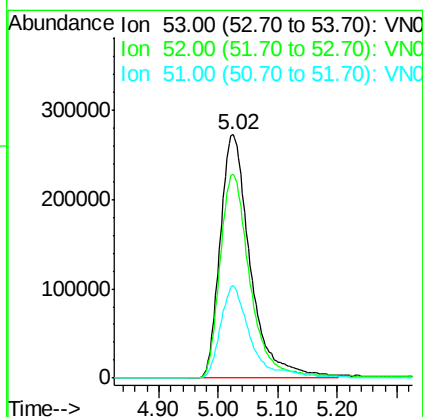
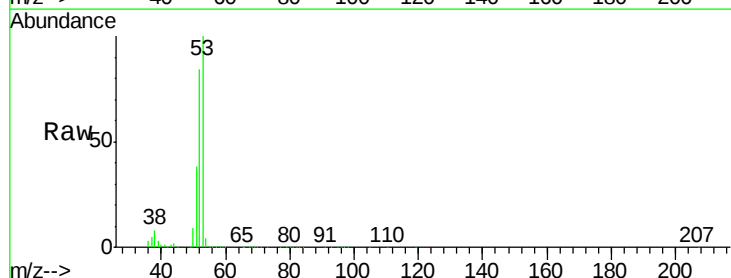
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

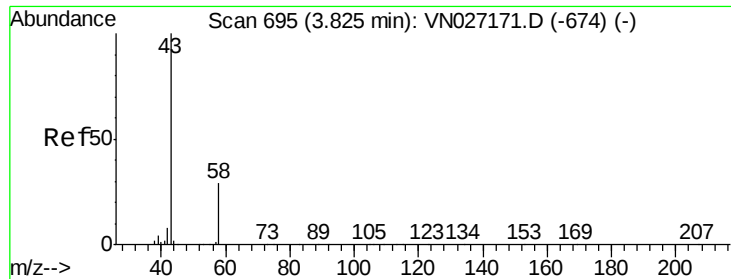
Tgt Ion: 41 Resp: 717210
 Ion Ratio Lower Upper
 41 100
 39 77.4 49.7 74.5#
 76 34.7 24.8 37.2



#16
 Acrylonitrile
 Concen: 251.89 ug/l
 RT: 5.02 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion: 53 Resp: 957284
 Ion Ratio Lower Upper
 53 100
 52 83.7 66.9 100.3
 51 35.4 27.4 41.0





#17

Acetone

Concen: 236.41 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

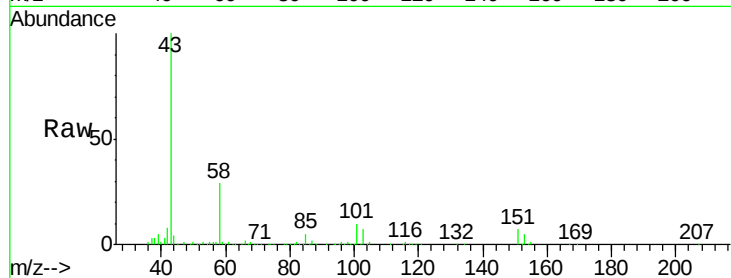
ICVVN091515

Tgt Ion: 43 Resp: 757530

Ion Ratio Lower Upper

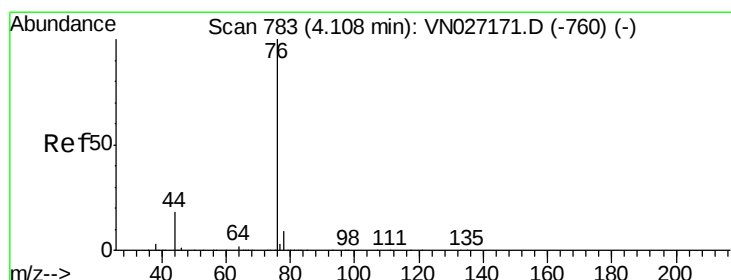
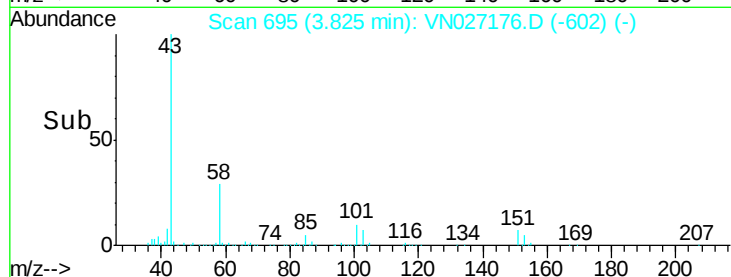
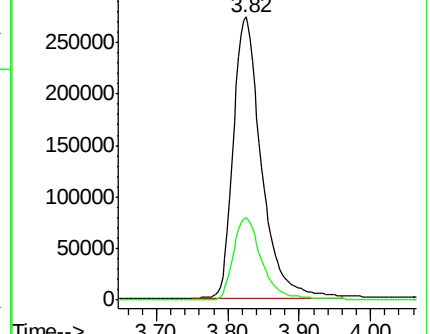
43 100

58 29.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Carbon Disulfide

Concen: 45.29 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027176.D

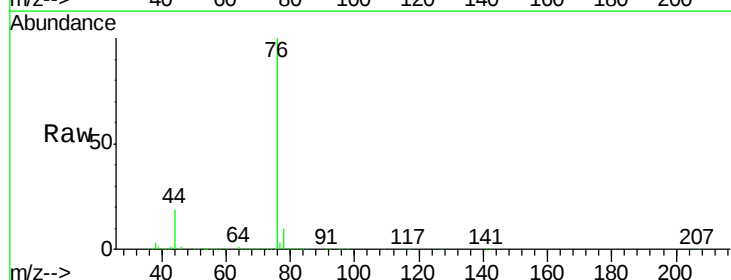
Acq: 15 Sep 2015 20:34

Tgt Ion: 76 Resp: 1098419

Ion Ratio Lower Upper

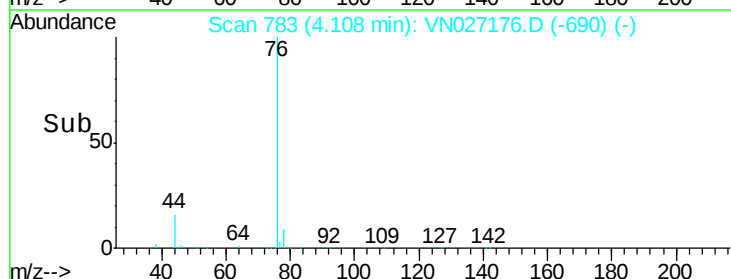
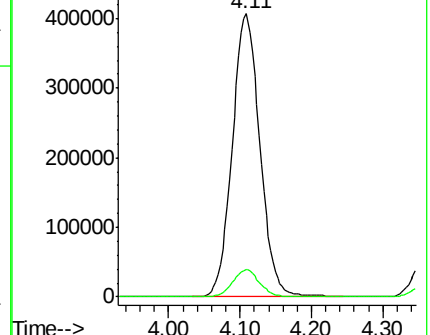
76 100

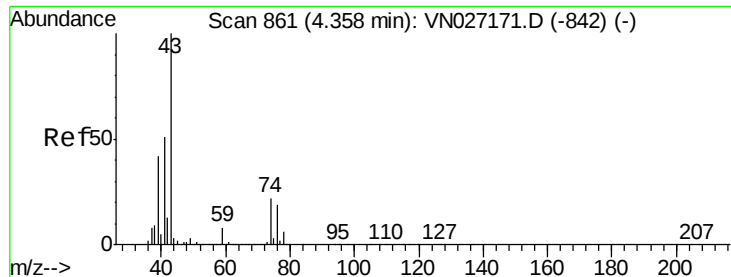
78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

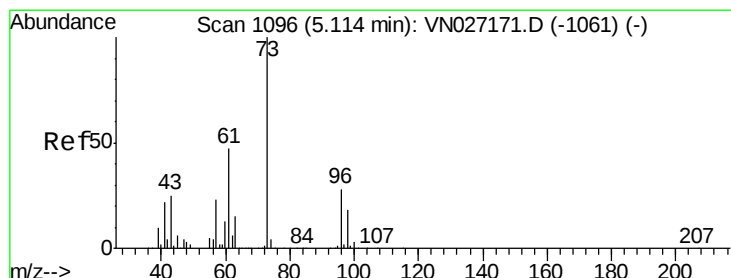
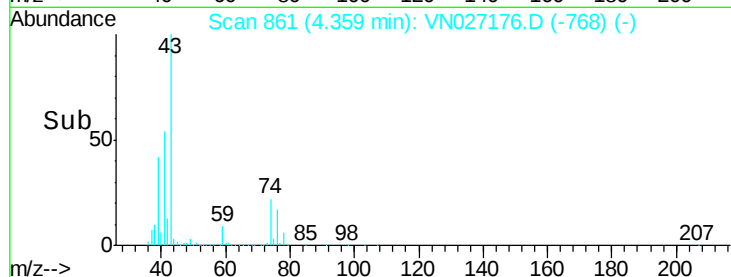
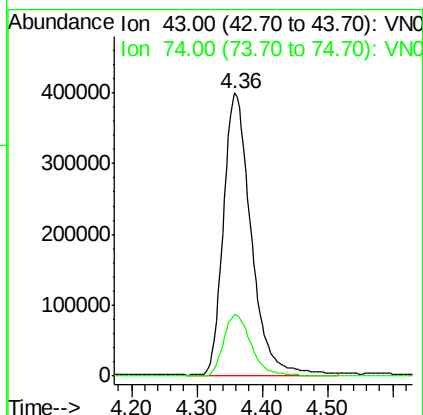
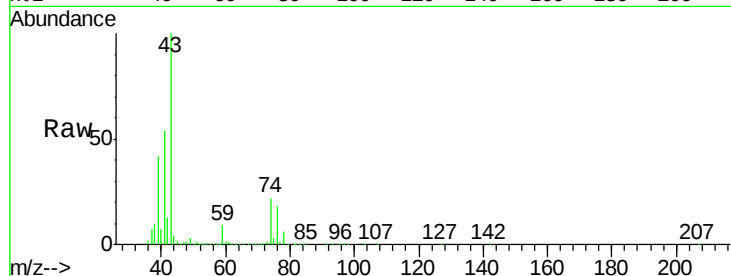




#19
Methyl Acetate
Concen: 50.38 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

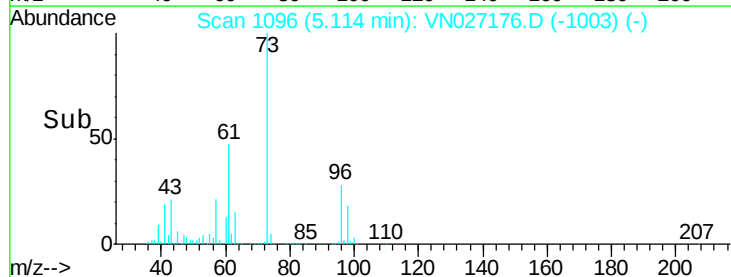
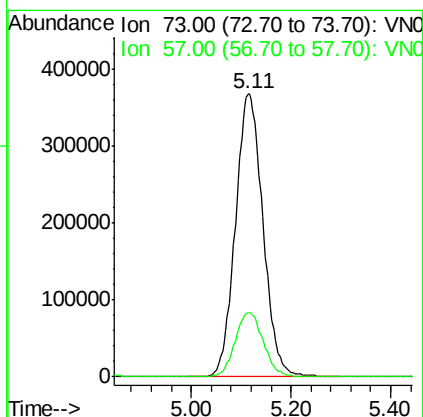
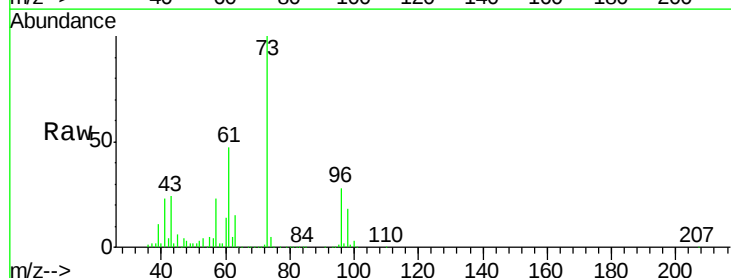
Instrument :
MSVOA_N
ClientSampled :
ICVVN091515

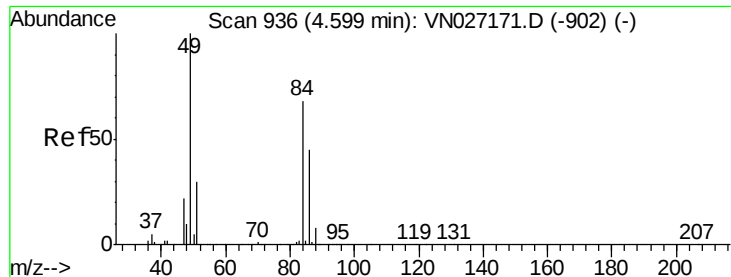
Tgt Ion: 43 Resp: 1169178
Ion Ratio Lower Upper
43 100
74 22.0 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 47.25 ug/l
RT: 5.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

Tgt Ion: 73 Resp: 1412704
Ion Ratio Lower Upper
73 100
57 22.5 19.8 29.6

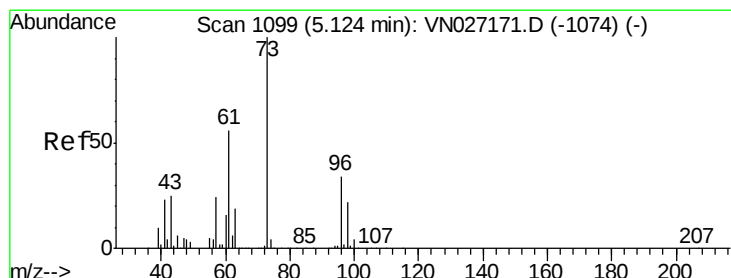
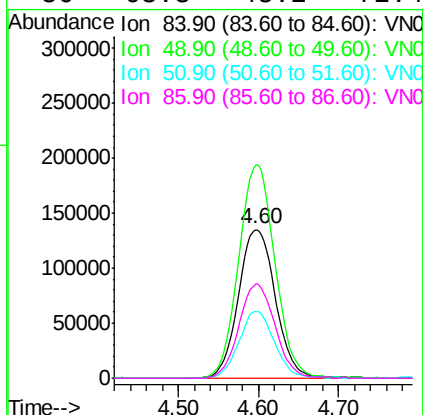
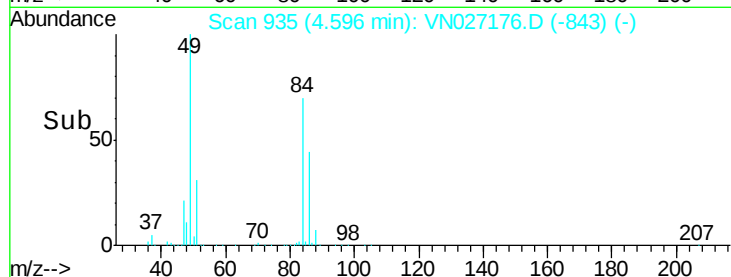
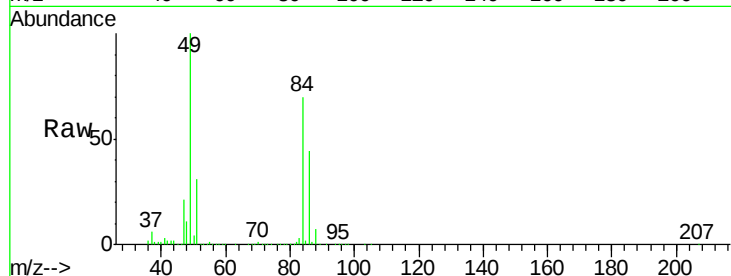




#21
Methylene Chloride
Concen: 47.56 ug/l
RT: 4.60 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

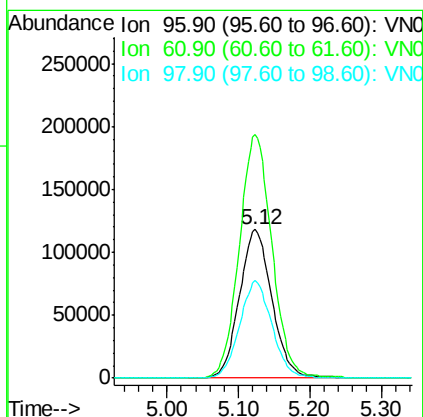
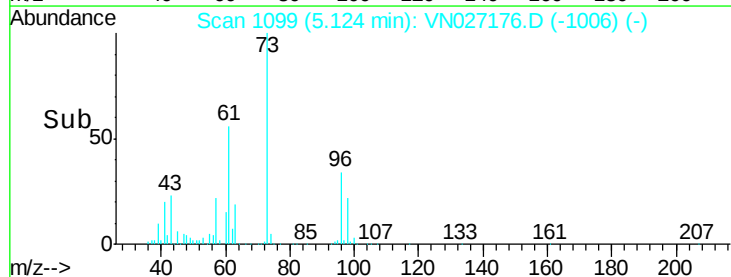
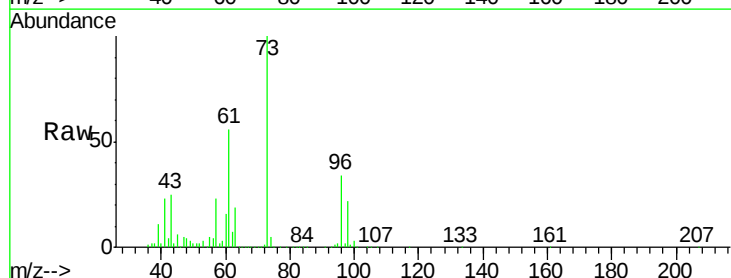
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091515

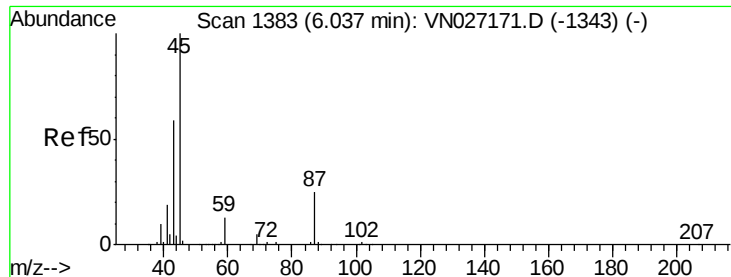
Tgt Ion: 84 Resp: 424533
Ion Ratio Lower Upper
84 100
49 143.3 112.3 168.5
51 44.9 33.8 50.8
86 63.3 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 46.56 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

Tgt Ion: 96 Resp: 375098
Ion Ratio Lower Upper
96 100
61 163.8 126.6 189.8
98 65.3 47.4 71.2



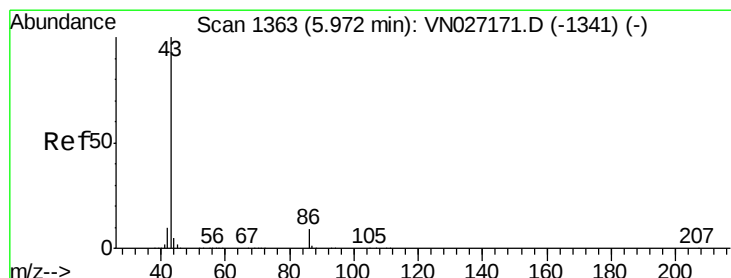
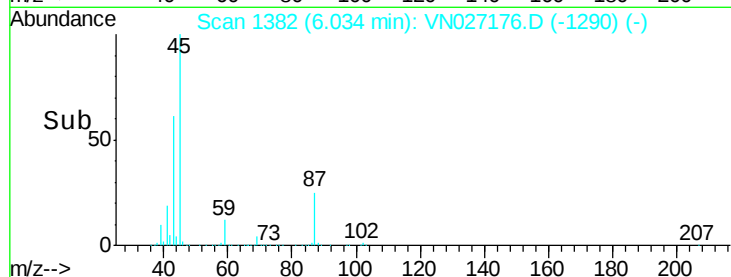
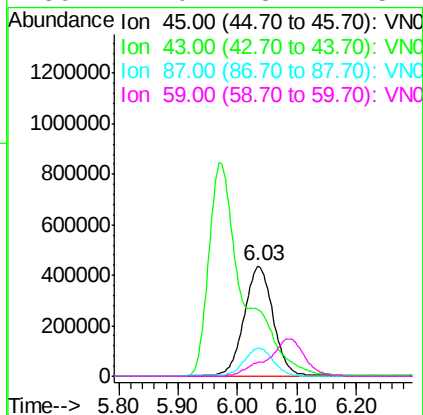
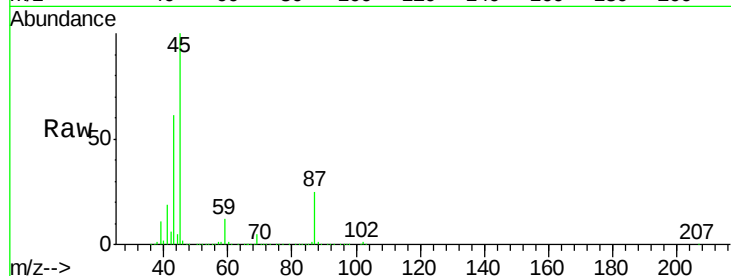


#23
 Diisopropyl ether
 Concen: 47.24 ug/l
 RT: 6.03 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

Tgt Ion: 45 Resp: 1490846

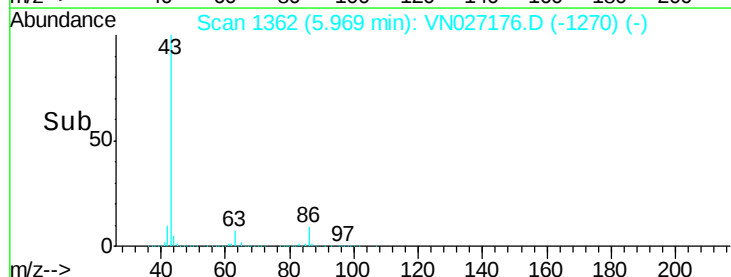
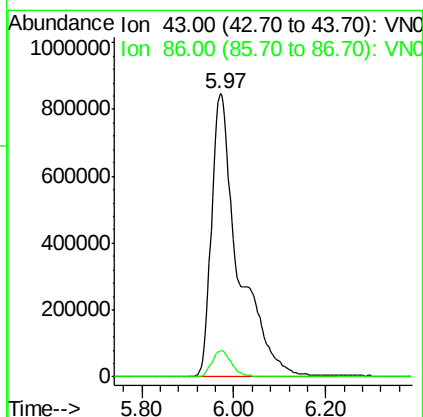
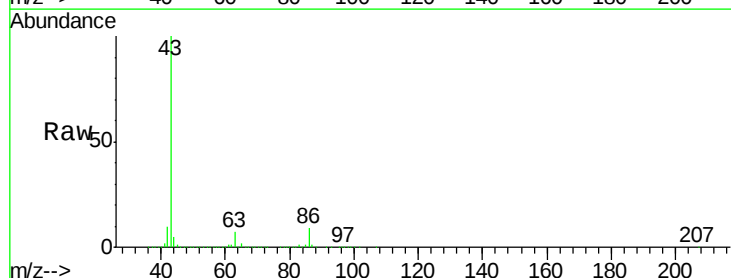
Ion	Ratio	Lower	Upper
45	100		
43	60.0	41.0	61.6
87	25.3	17.5	26.3
59	12.0	8.7	13.1

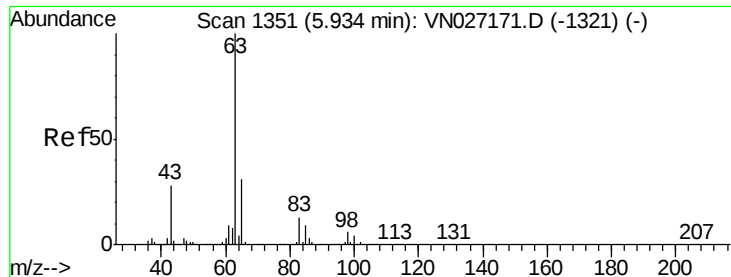


#24
 Vinyl Acetate
 Concen: 329.95 ug/l
 RT: 5.97 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion: 43 Resp: 3446813

Ion	Ratio	Lower	Upper
43	100		
86	9.2	6.9	10.3





#25

1,1-Dichloroethane

Concen: 46.28 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091515

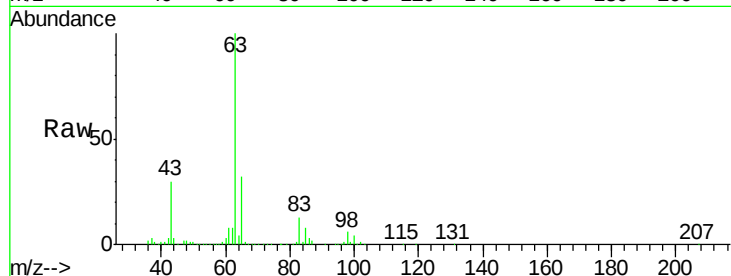
Tgt Ion: 63 Resp: 848506

Ion Ratio Lower Upper

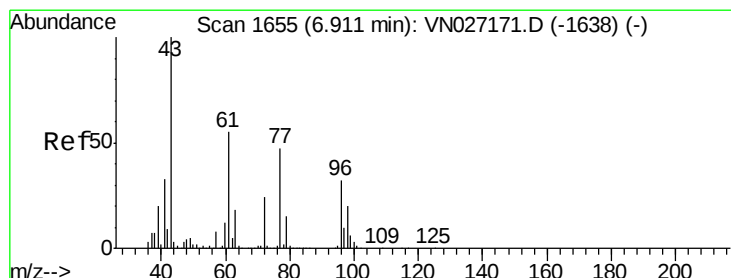
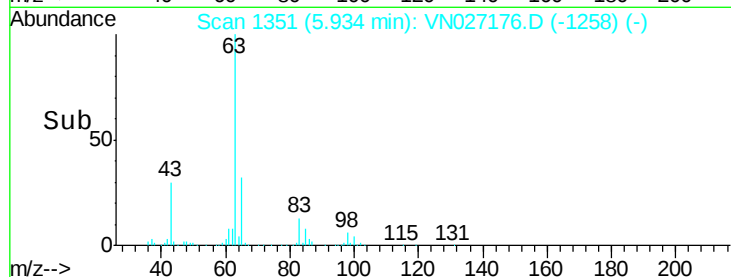
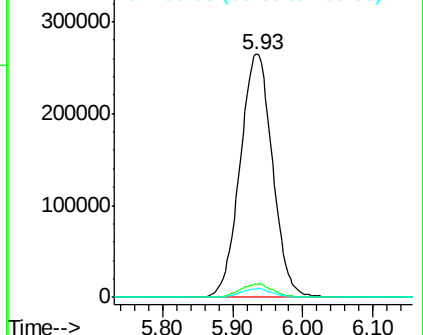
63 100

98 5.6 2.8 8.3

100 3.5 1.7 5.0



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



#26

2-Butanone

Concen: 245.38 ug/l

RT: 6.91 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VN027176.D

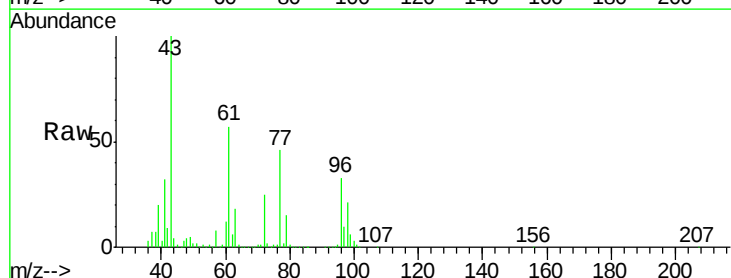
Acq: 15 Sep 2015 20:34

Tgt Ion: 43 Resp: 1184035

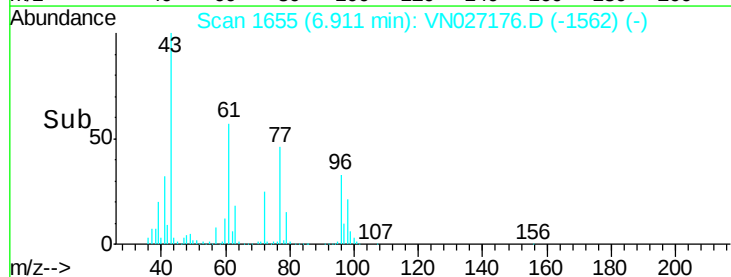
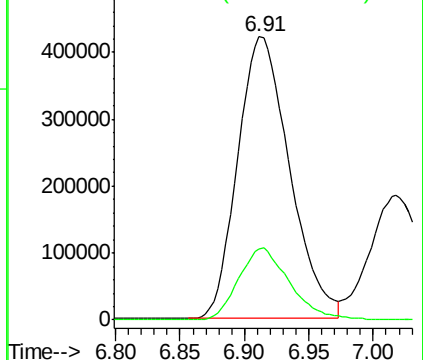
Ion Ratio Lower Upper

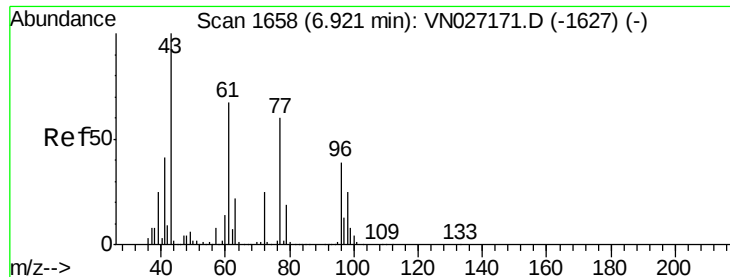
43 100

72 25.3 18.8 28.2



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

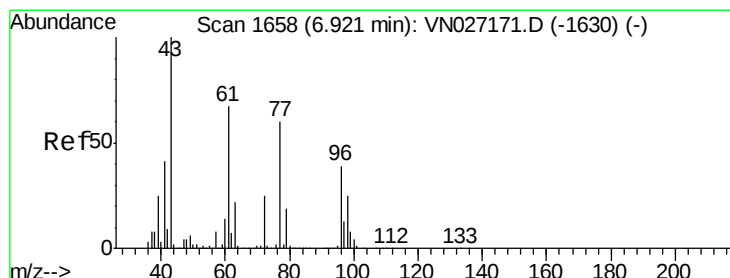
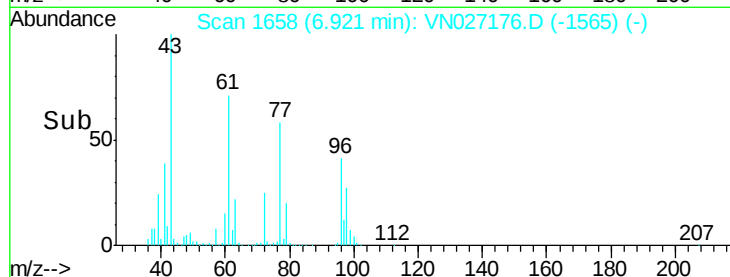
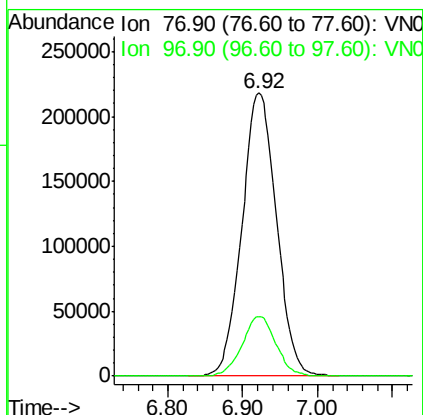
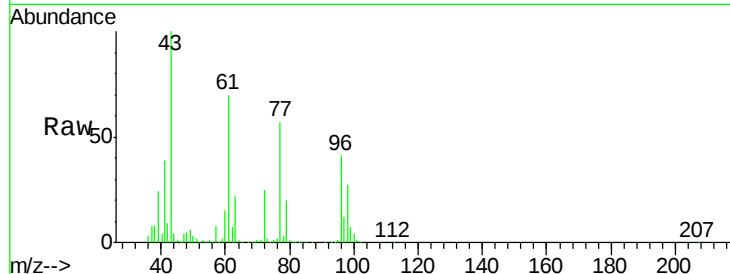




#27
 2,2-Dichloropropane
 Concen: 43.73 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

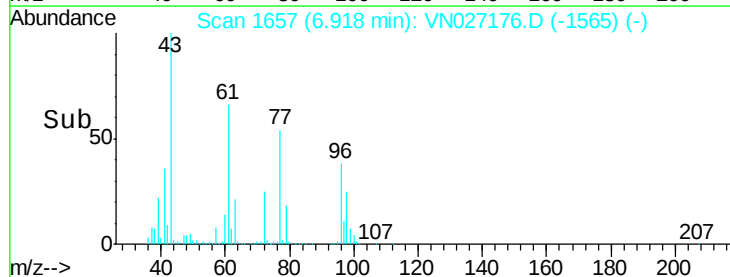
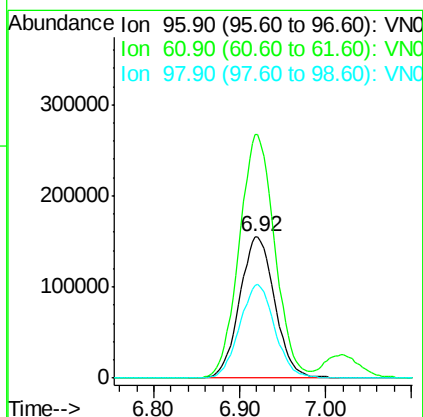
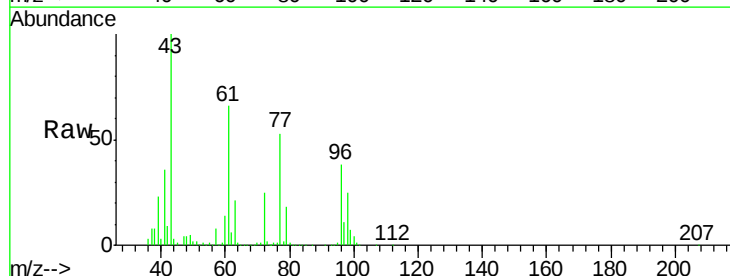
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

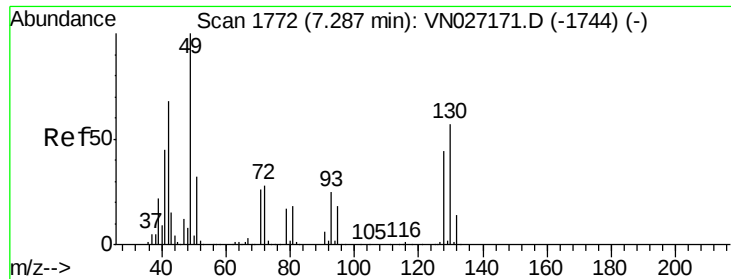
Tgt Ion: 77 Resp: 695631
 Ion Ratio Lower Upper
 77 100
 97 20.6 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 47.37 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion: 96 Resp: 437641
 Ion Ratio Lower Upper
 96 100
 61 174.5 0.0 329.2
 98 66.2 0.0 126.0





#29

Bromochloromethane

Concen: 47.95 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091515

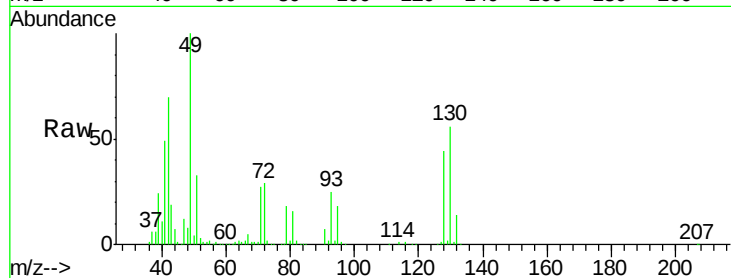
Tgt Ion: 49 Resp: 341281

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

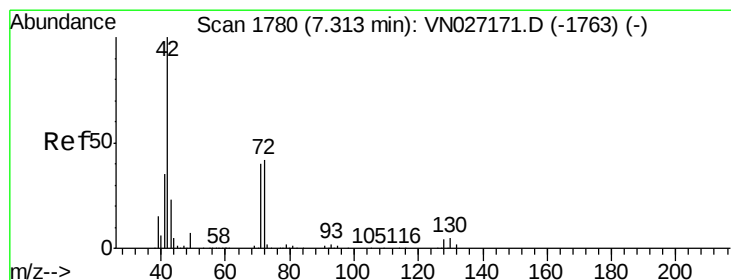
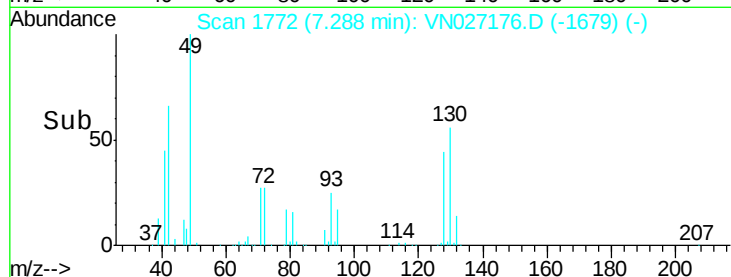
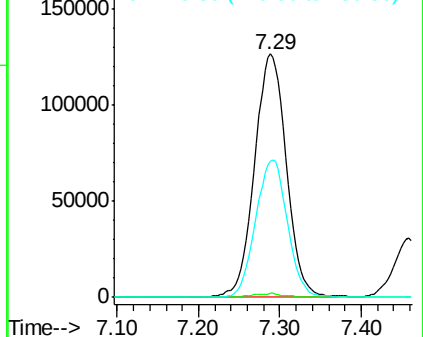
130 56.4 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VNC

Ion 128.80 (128.50 to 129.50): VNC

Ion 129.80 (129.50 to 130.50): VNC



#30

Tetrahydrofuran

Concen: 229.28 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

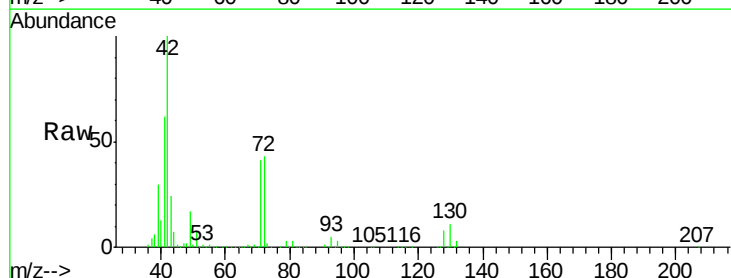
Tgt Ion: 42 Resp: 762482

Ion Ratio Lower Upper

42 100

72 42.5 29.9 44.9

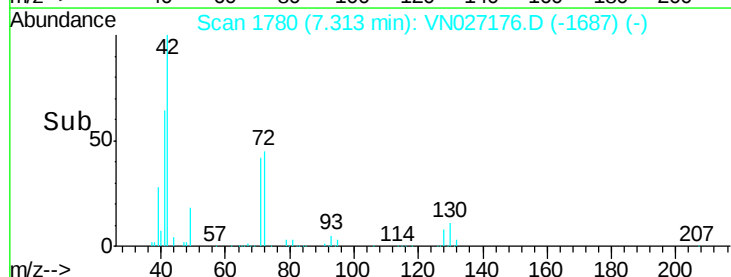
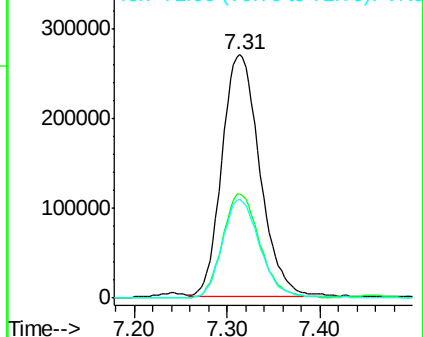
71 40.4 28.3 42.5

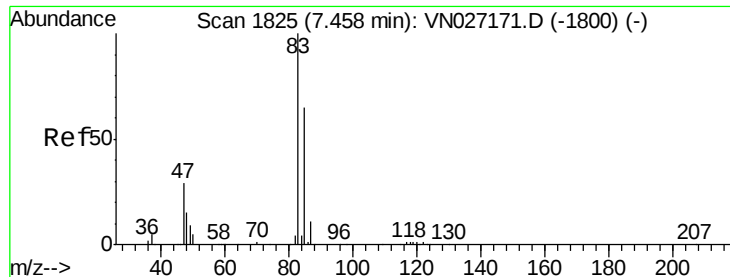


Abundance Ion 42.00 (41.70 to 42.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

Ion 71.00 (70.70 to 71.70): VNC

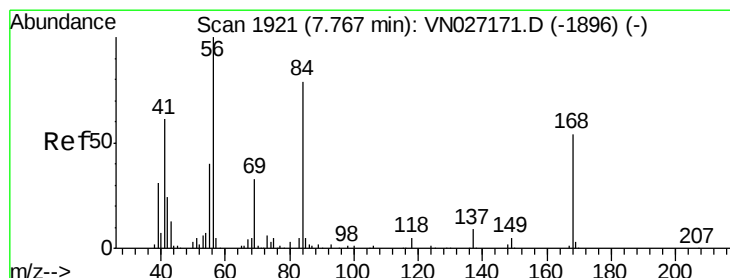
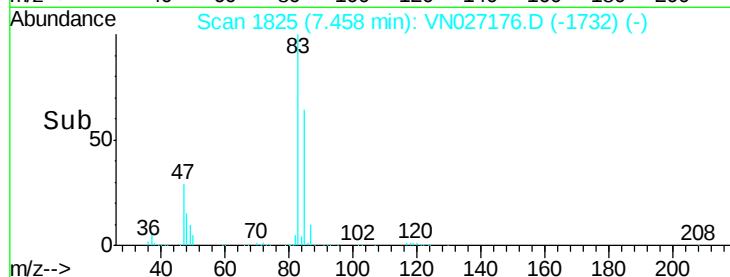
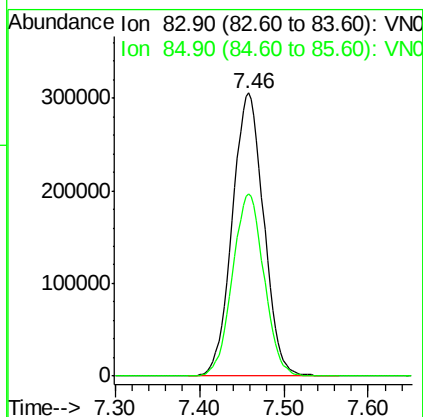
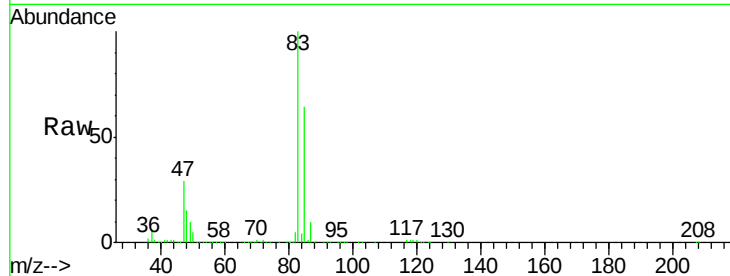




#31
Chloroform
Concen: 47.75 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

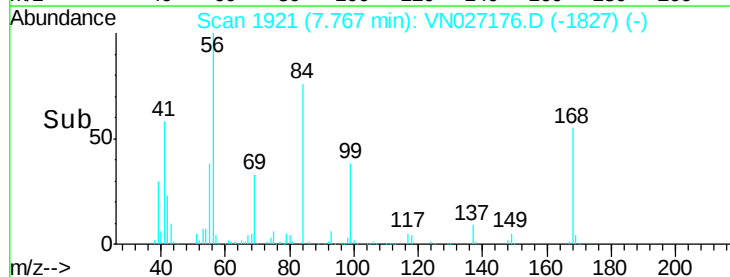
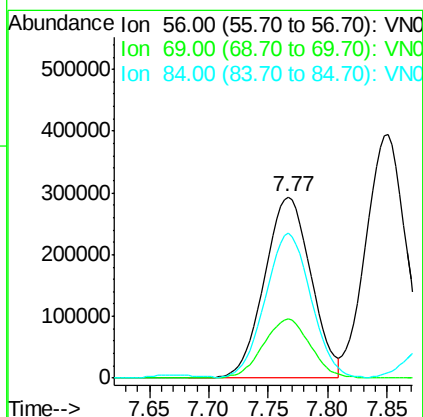
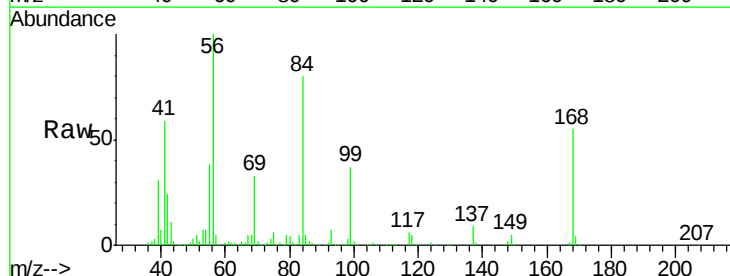
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091515

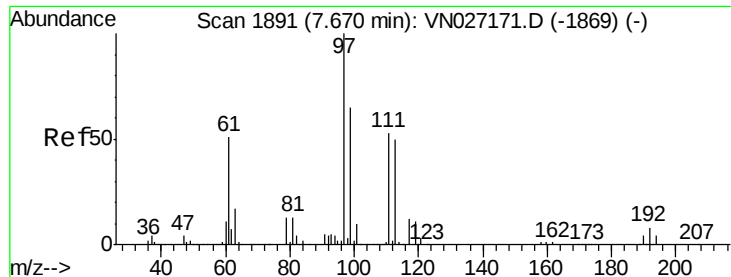
Tgt Ion: 83 Resp: 790982
Ion Ratio Lower Upper
83 100
85 64.4 51.1 76.7



#32
Cyclohexane
Concen: 48.48 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

Tgt Ion: 56 Resp: 791724
Ion Ratio Lower Upper
56 100
69 32.6 23.0 34.4
84 78.7 57.8 86.8

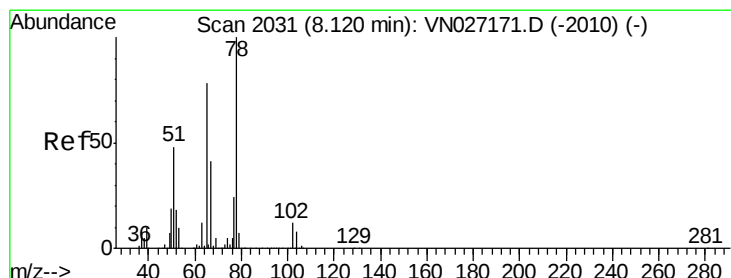
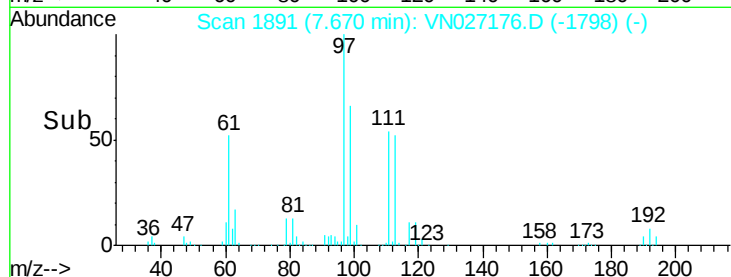
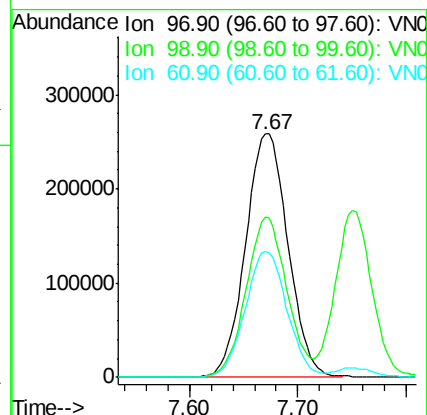
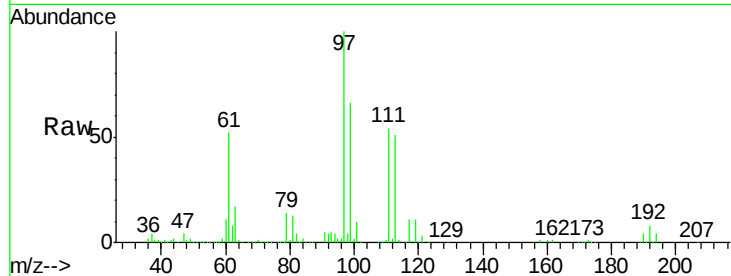




#33
 1,1,1-Trichloroethane
 Concen: 47.68 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

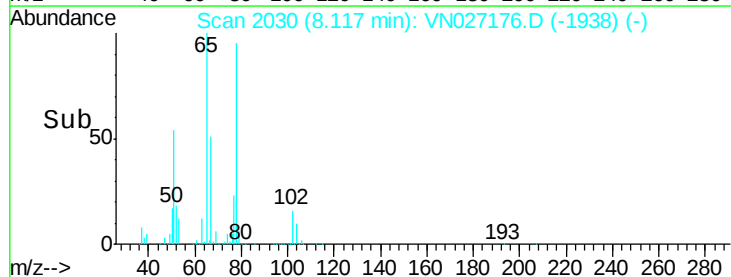
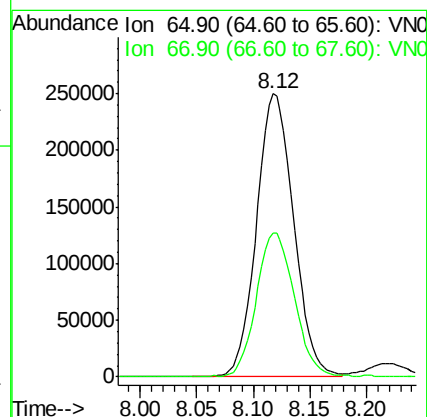
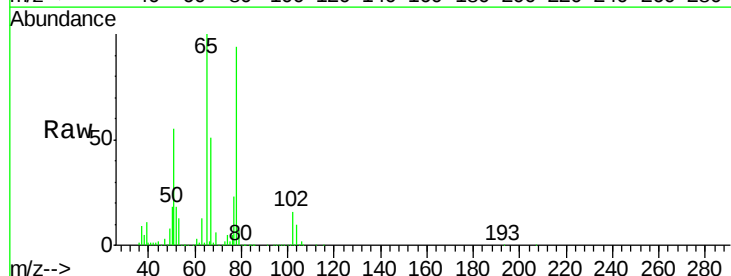
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

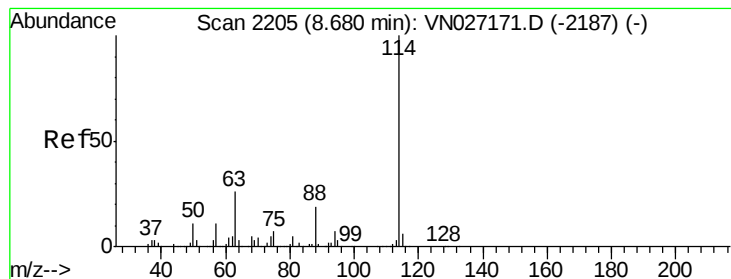
Tgt Ion: 97 Resp: 704306
 Ion Ratio Lower Upper
 97 100
 99 63.9 50.1 75.1
 61 51.3 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 47.94 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion: 65 Resp: 569783
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 110.6





#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091515

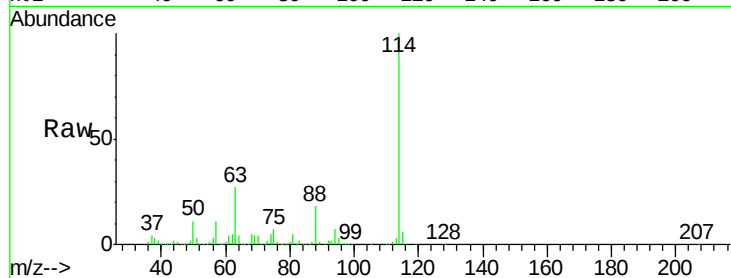
Tgt Ion:114 Resp: 1088878

Ion Ratio Lower Upper

114 100

63 26.5 0.0 48.8

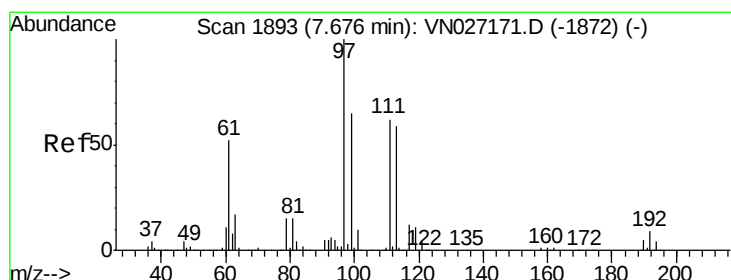
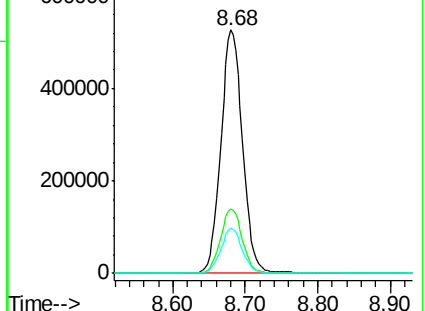
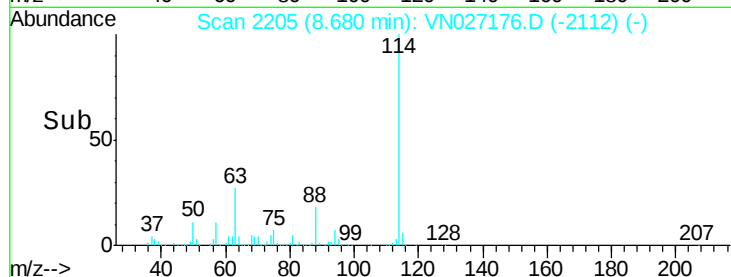
88 18.3 0.0 32.2



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: 47.96 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

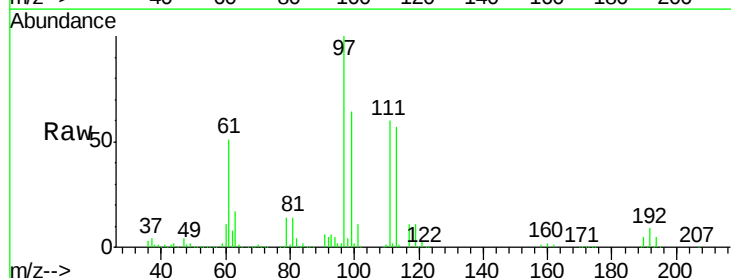
Tgt Ion:113 Resp: 361982

Ion Ratio Lower Upper

113 100

111 105.2 83.0 124.4

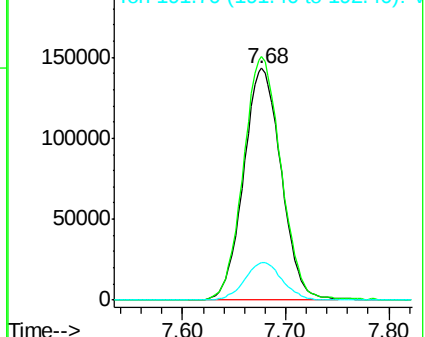
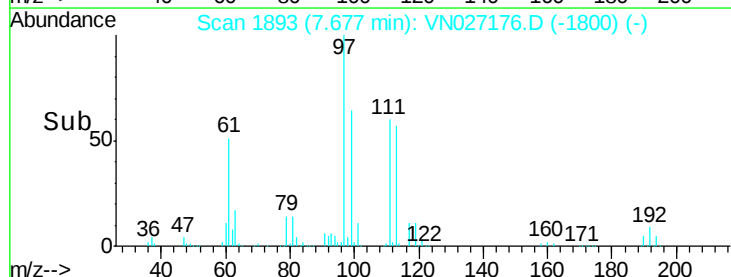
192 16.2 14.1 21.1

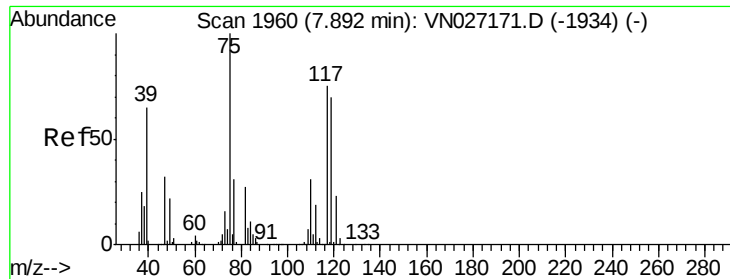


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

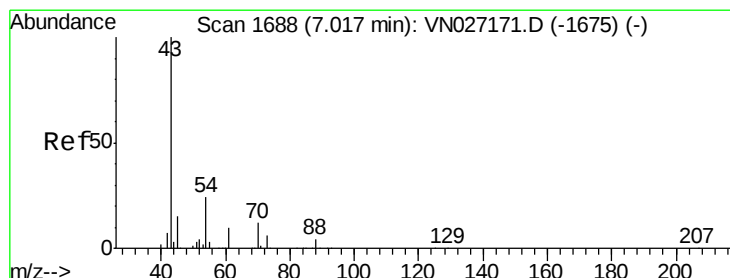
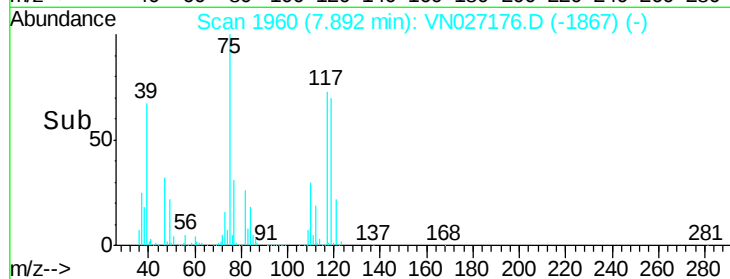
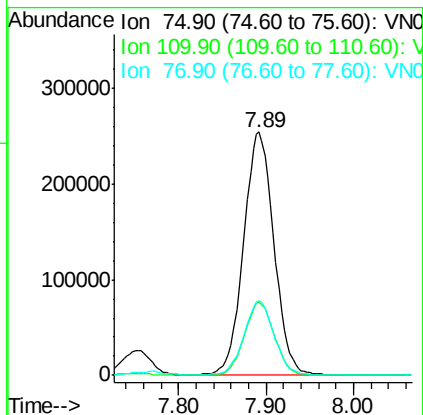
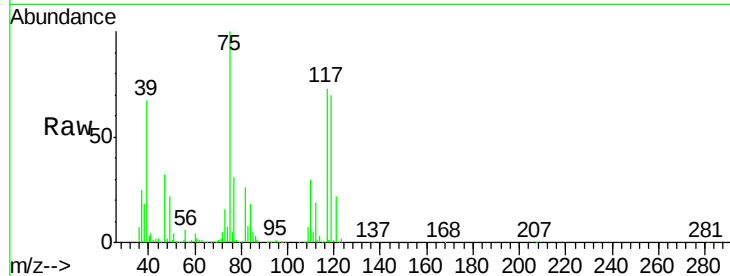




#37
 1,1-Dichloropropene
 Concen: 47.92 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

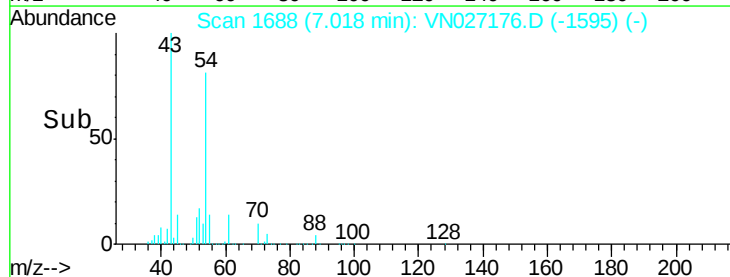
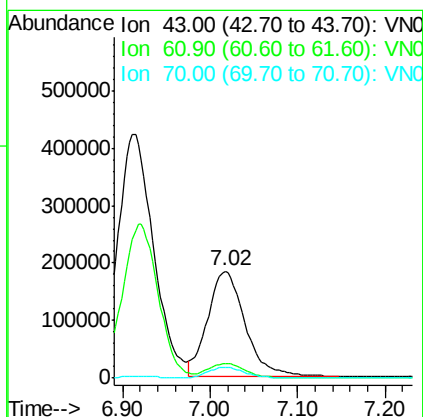
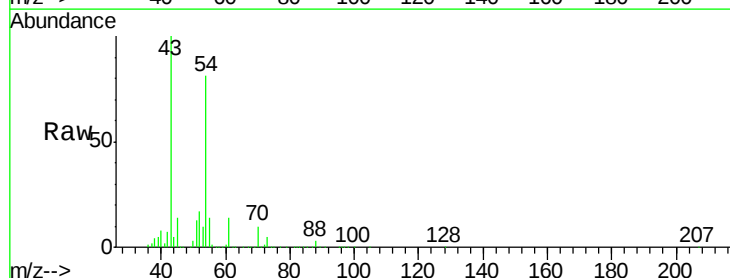
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

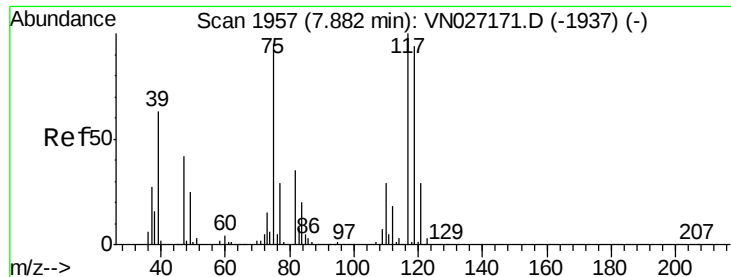
Tgt Ion	Ratio	Lower	Upper
75	100		
110	29.9	15.9	47.7
77	30.2	24.9	37.3



#38
 Ethyl Acetate
 Concen: 50.28 ug/l
 RT: 7.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.2	15.4
70	9.4	7.4	11.0

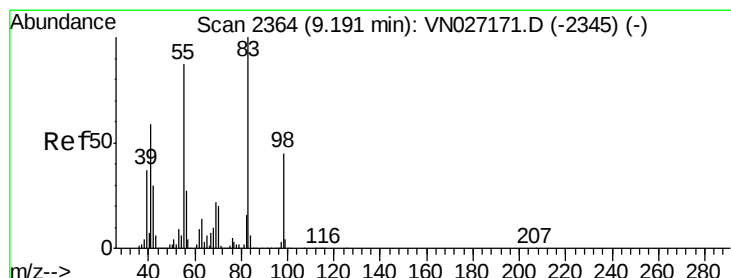
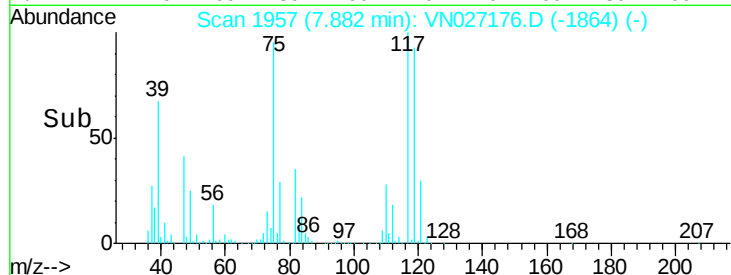
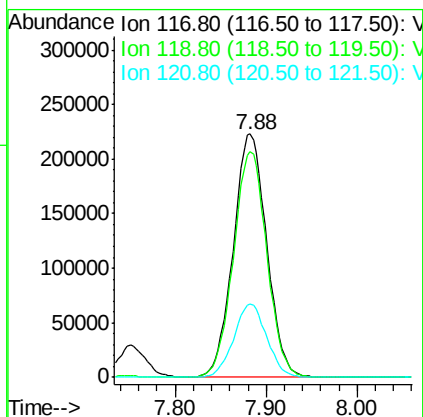
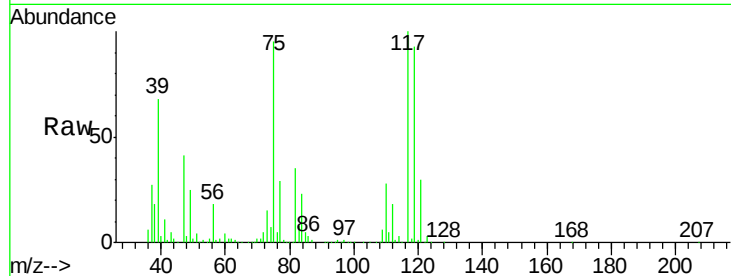




#39
Carbon Tetrachloride
Concen: 47.27 ug/l
RT: 7.88 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

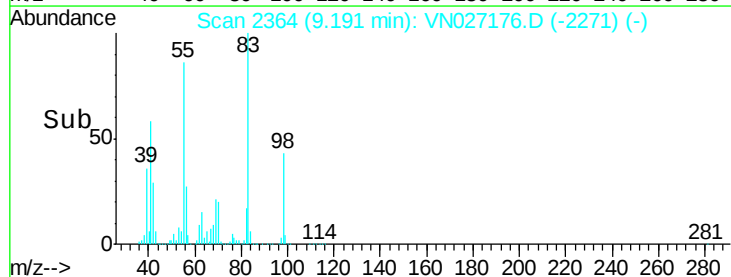
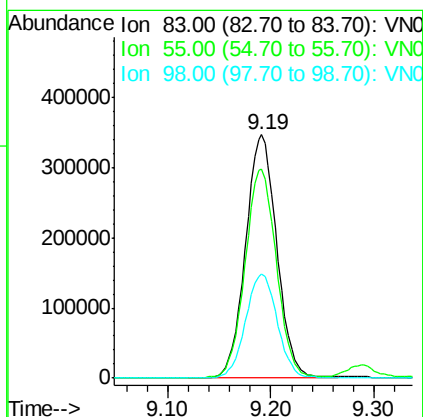
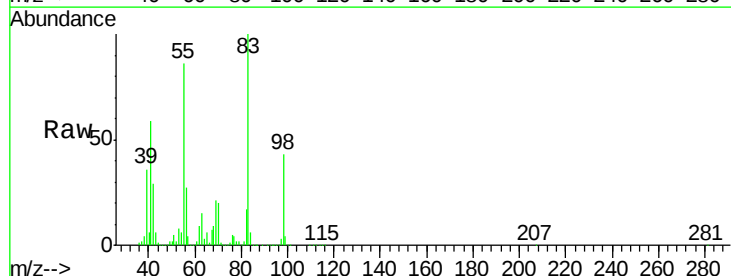
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091515

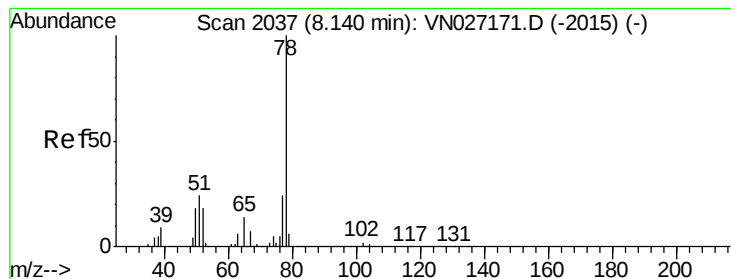
Tgt Ion:117 Resp: 566448
Ion Ratio Lower Upper
117 100
119 92.7 75.3 112.9
121 30.1 23.8 35.8



#40
Methylcyclohexane
Concen: 46.84 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

Tgt Ion: 83 Resp: 727139
Ion Ratio Lower Upper
83 100
55 85.6 69.8 104.8
98 42.9 34.3 51.5





#41

Benzene

Concen: 47.11 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

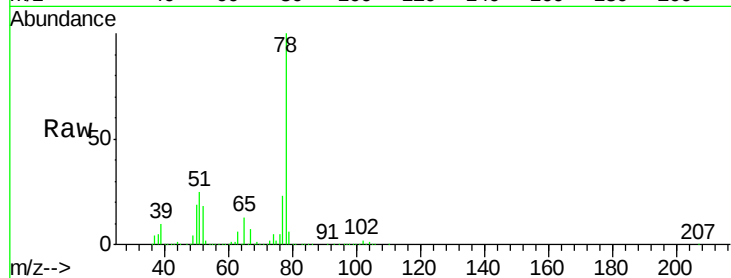
ICVVN091515

Tgt Ion: 78 Resp: 1752194

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VNC

Ion 77.00 (76.70 to 77.70): VNC

8.14

800000

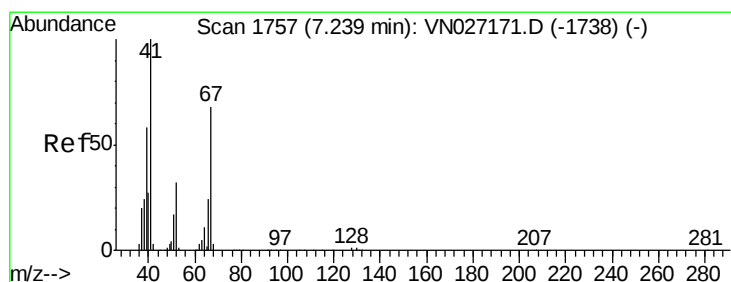
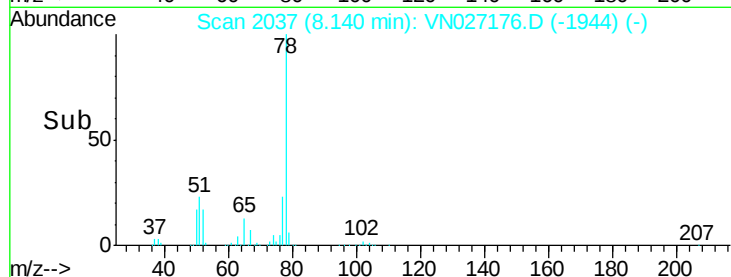
600000

400000

200000

0

Time-->



#42

Methacrylonitrile

Concen: 49.02 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Tgt Ion: 41 Resp: 302009

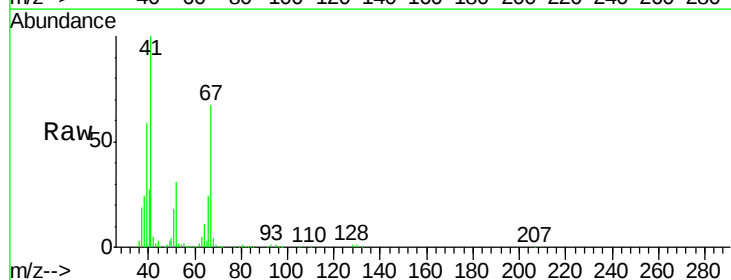
Ion Ratio Lower Upper

41 100

39 60.9 43.0 64.6

67 72.1 52.2 78.2

52 32.7 21.3 31.9#



Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC

250000

200000

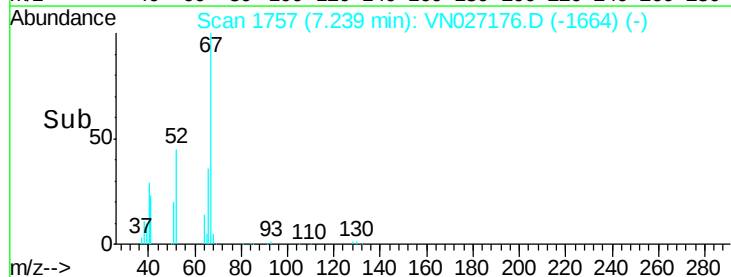
150000

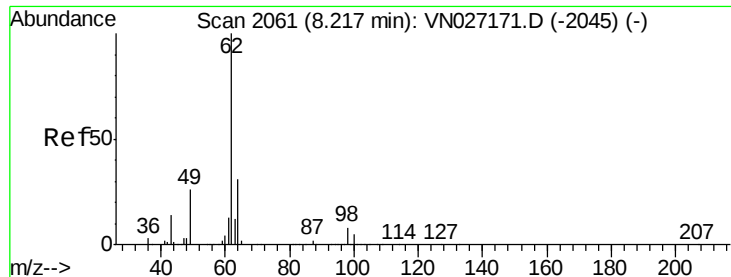
100000

50000

0

Time-->

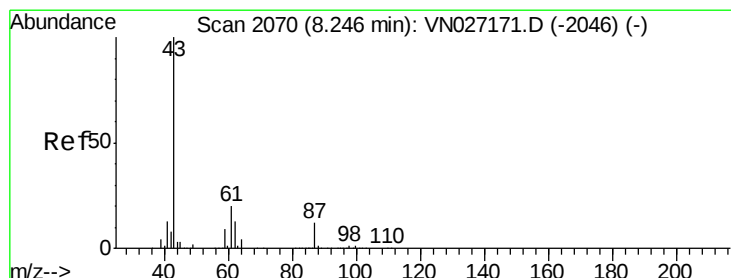
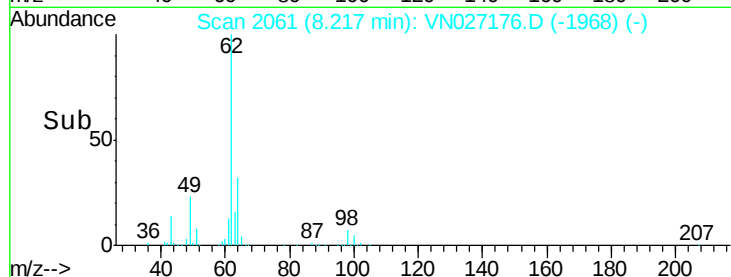
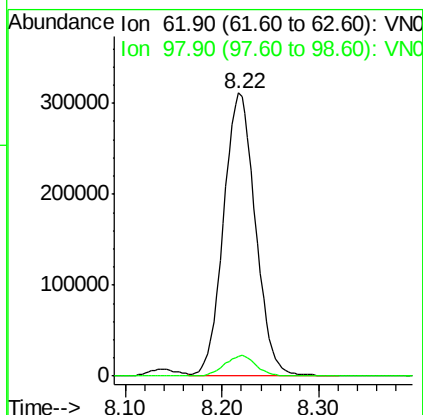
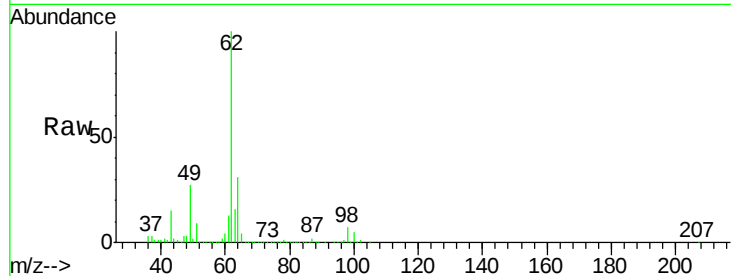




#43
 1,2-Dichloroethane
 Concen: 47.47 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

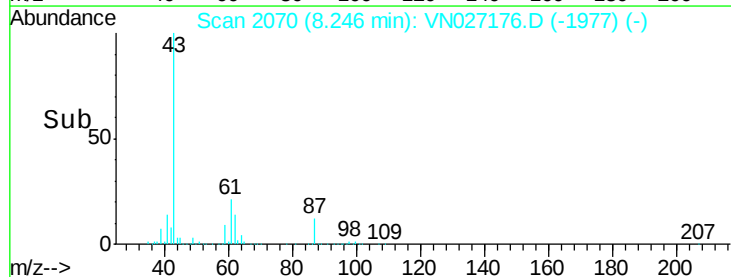
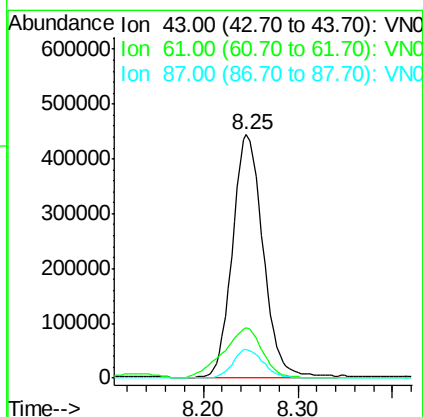
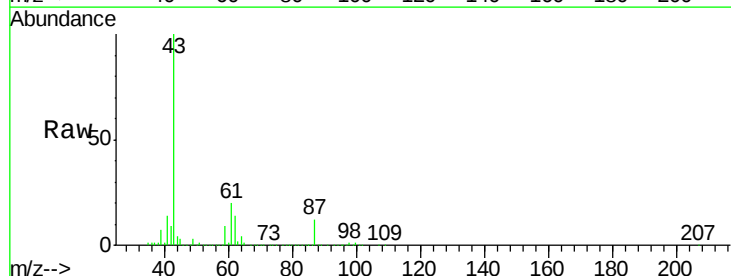
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

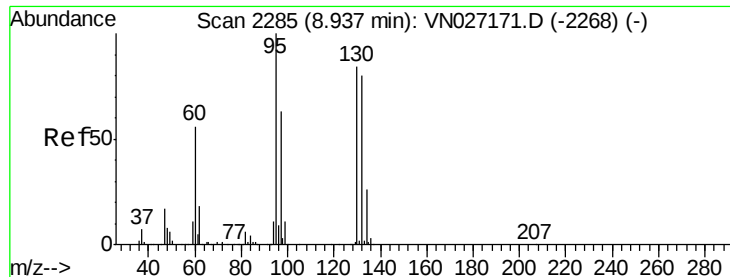
Tgt Ion: 62 Resp: 711165
 Ion Ratio Lower Upper
 62 100
 98 6.9 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 48.82 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion: 43 Resp: 994328
 Ion Ratio Lower Upper
 43 100
 61 26.2 20.6 31.0
 87 11.9 8.6 13.0





#45

Trichloroethene

Concen: 47.81 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

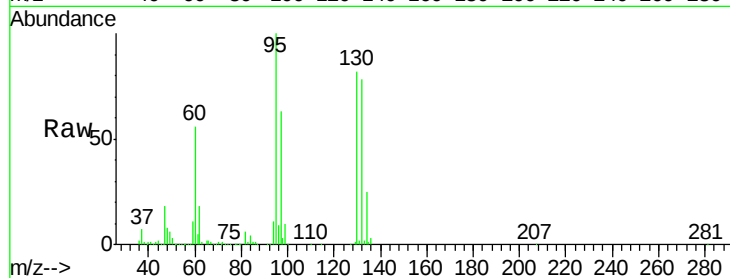
ICVVN091515

Tgt Ion: 130 Resp: 357153

Ion Ratio Lower Upper

130 100

95 121.6 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO

250000

200000

150000

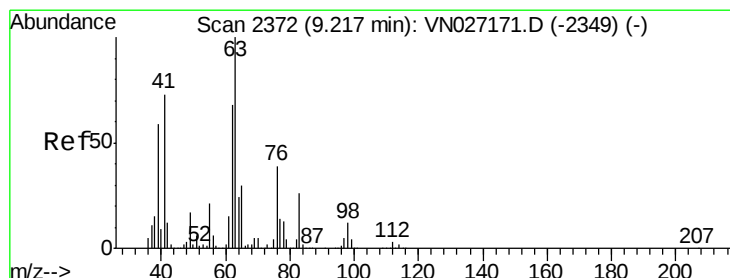
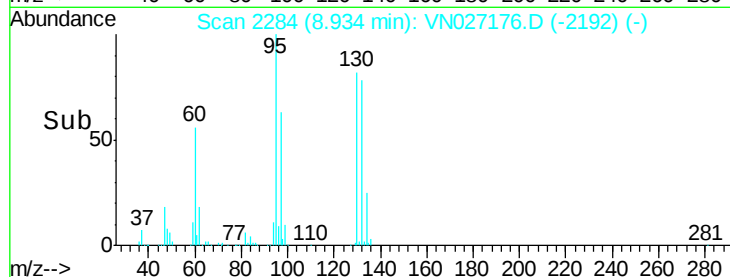
100000

50000

0

8.85 8.90 8.95 9.00 9.05

Time-->



#46

1,2-Dichloropropane

Concen: 46.03 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN027176.D

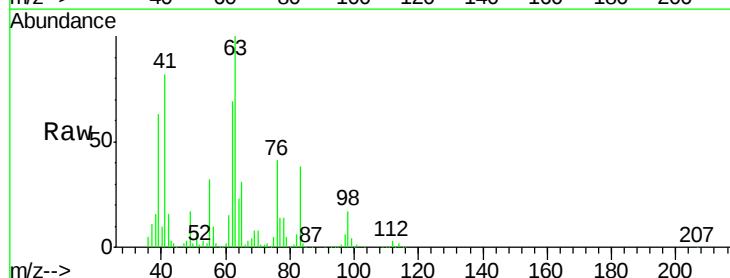
Acq: 15 Sep 2015 20:34

Tgt Ion: 63 Resp: 492513

Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

250000

200000

150000

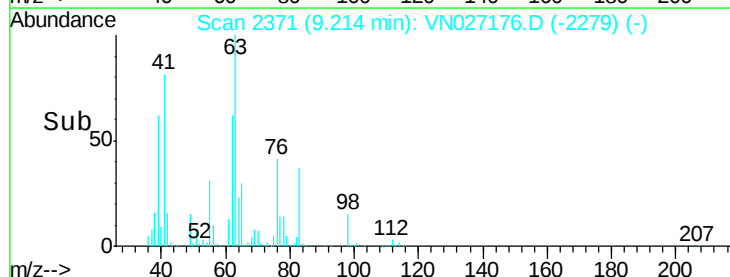
100000

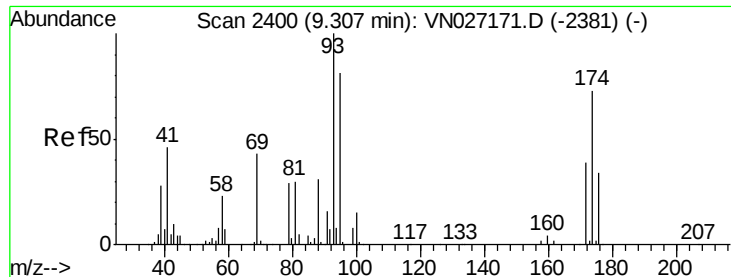
50000

0

9.10 9.15 9.20 9.25 9.30

Time-->





#47

Dibromomethane

Concen: 46.61 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091515

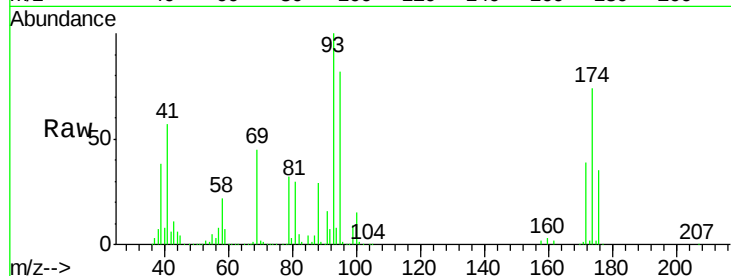
Tgt Ion: 93 Resp: 292805

Ion Ratio Lower Upper

93 100

95 80.4 66.3 99.5

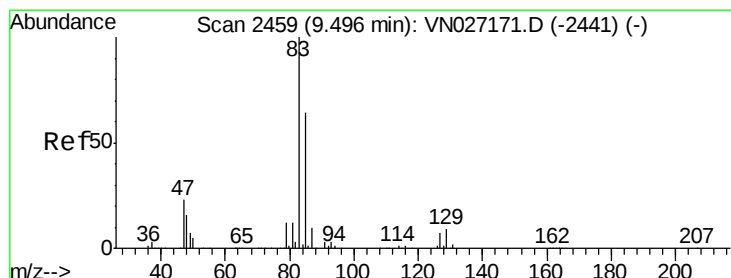
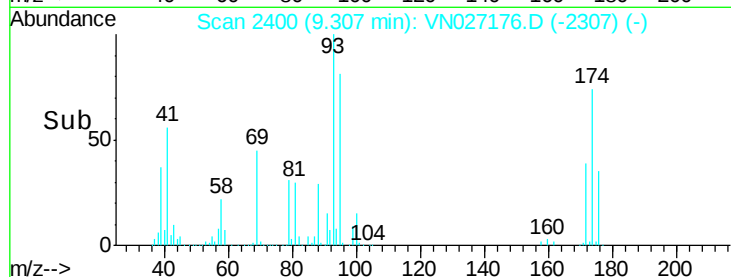
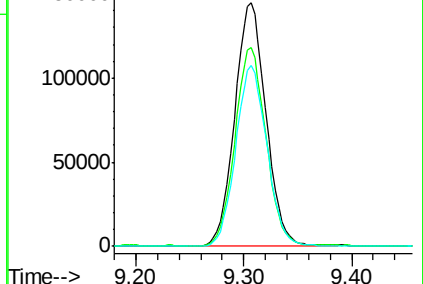
174 73.7 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



#48

Bromodichloromethane

Concen: 47.50 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

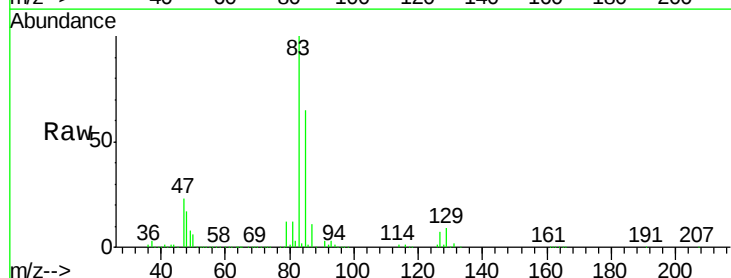
Tgt Ion: 83 Resp: 628834

Ion Ratio Lower Upper

83 100

85 64.9 50.7 76.1

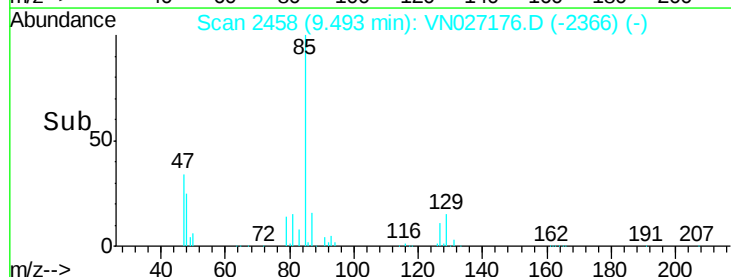
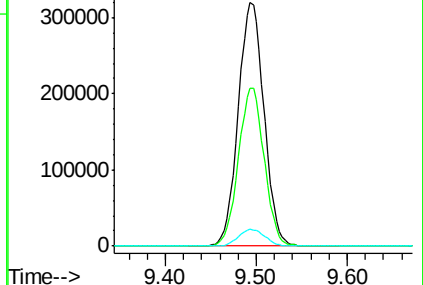
127 6.9 5.5 8.3

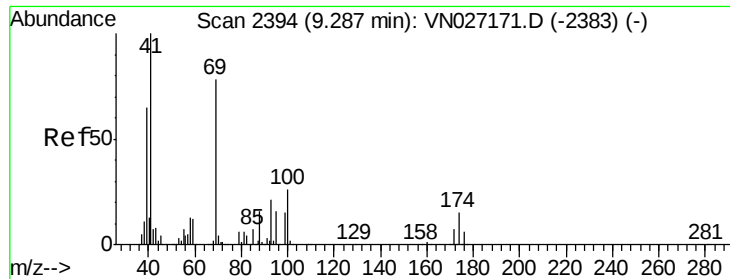


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

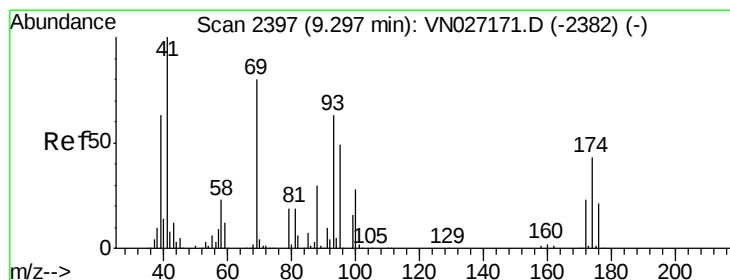
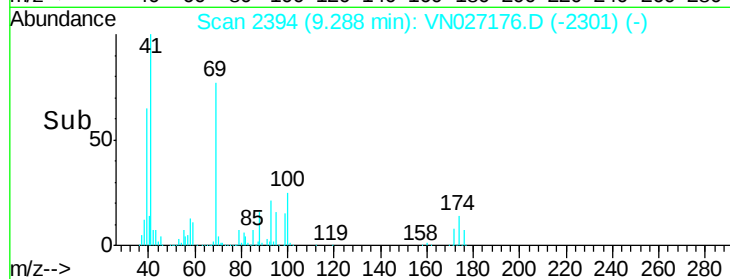
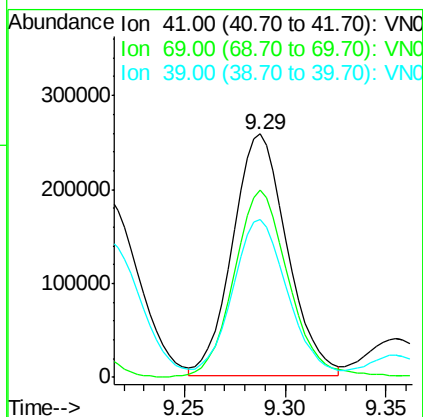
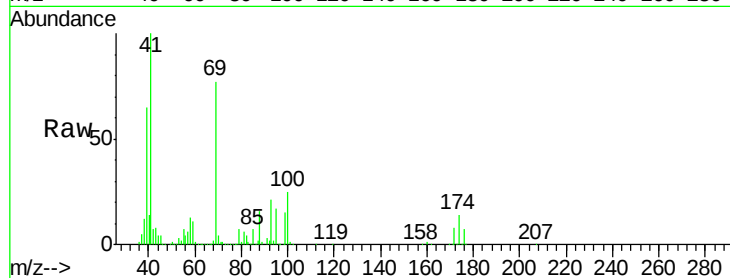




#49
Methyl methacrylate
Concen: 47.93 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

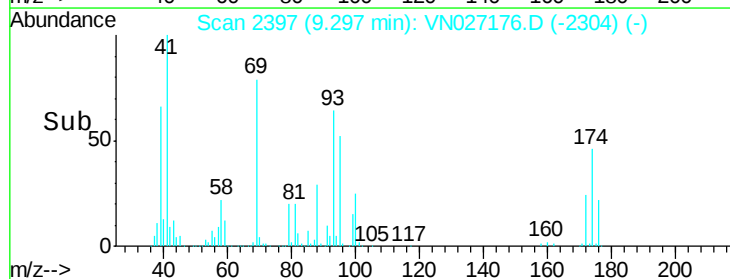
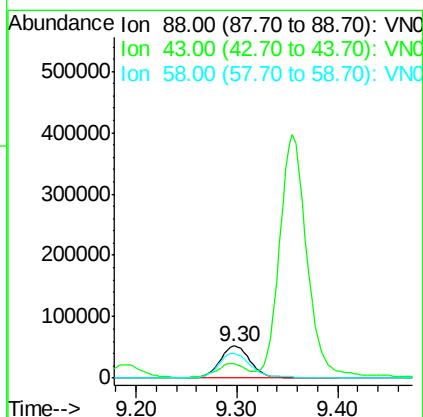
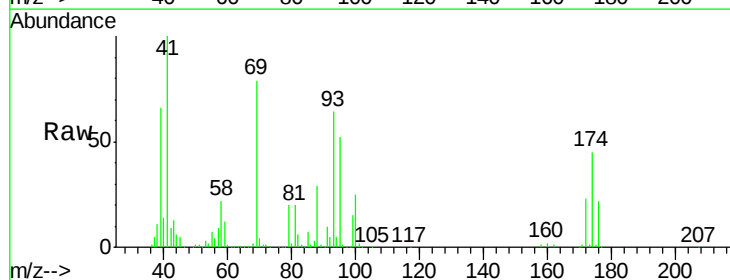
Instrument :
MSVOA_N
ClientSampled :
ICVVN091515

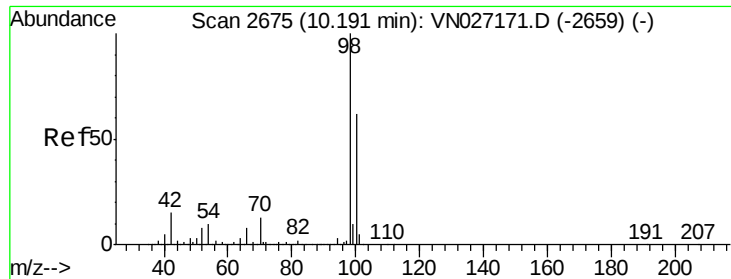
Tgt Ion: 41 Resp: 486363
Ion Ratio Lower Upper
41 100
69 76.9 59.3 88.9
39 65.6 39.5 59.3#



#50
1,4-Dioxane
Concen: 940.40 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

Tgt Ion: 88 Resp: 111928
Ion Ratio Lower Upper
88 100
43 40.9 27.6 41.4
58 77.7 63.1 94.7





#51

Toluene-d8

Concen: 47.35 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

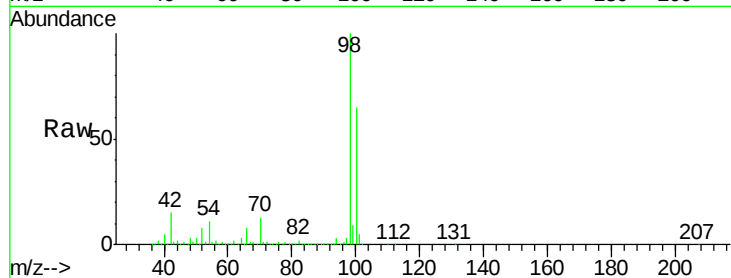
ICV091515

Tgt Ion: 98 Resp: 1399390

Ion Ratio Lower Upper

98 100

100 63.4 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN027176.D (-2659) (-)

Ion 100.00 (99.70 to 100.70): VN027176.D (-2659) (-)

10.19

800000

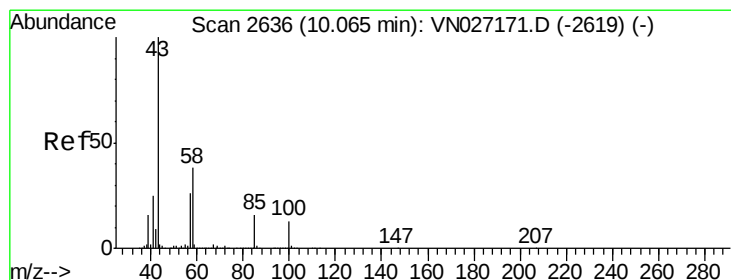
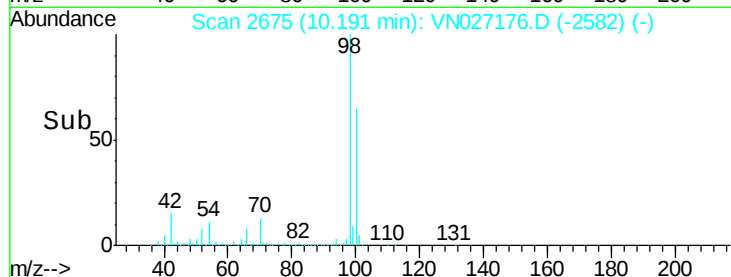
600000

400000

200000

0

Time-->



#52

4-Methyl-2-Pentanone

Concen: 237.30 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027176.D

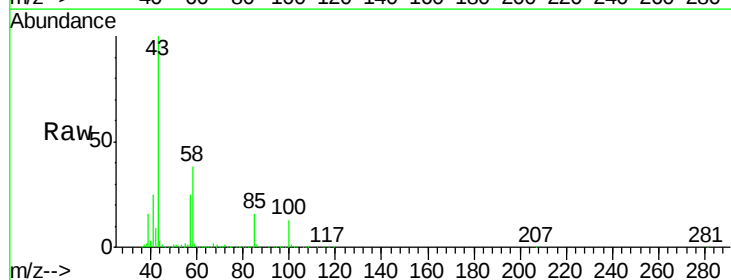
Acq: 15 Sep 2015 20:34

Tgt Ion: 43 Resp: 2555560

Ion Ratio Lower Upper

43 100

58 37.8 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN027176.D (-2543) (-)

Ion 58.00 (57.70 to 58.70): VN027176.D (-2543) (-)

10.07

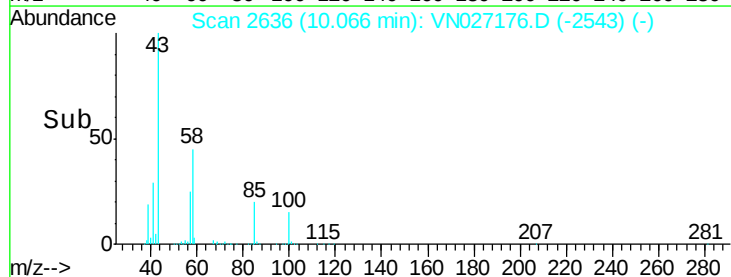
1500000

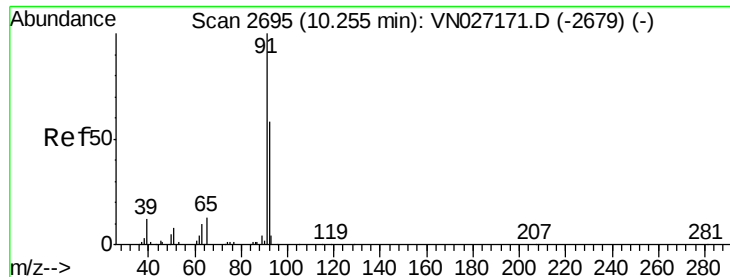
1000000

500000

0

Time-->





#53

Toluene

Concen: 47.22 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

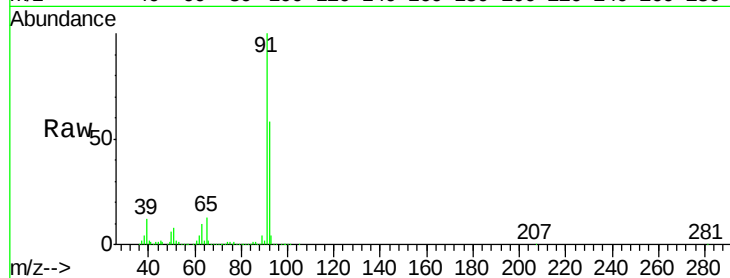
ICVFN091515

Tgt Ion: 92 Resp: 1028654

Ion Ratio Lower Upper

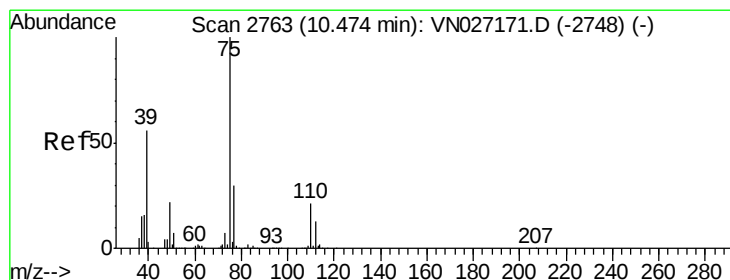
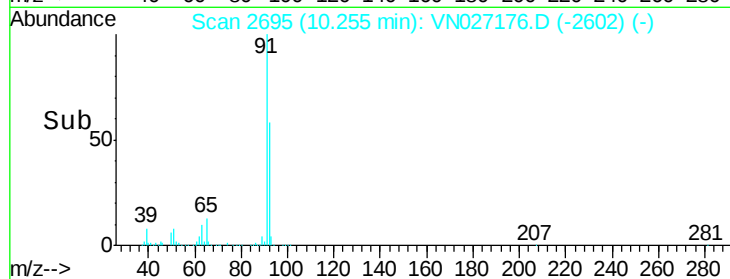
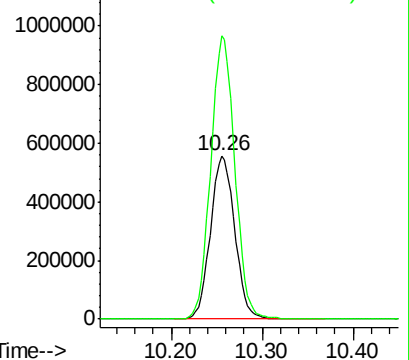
92 100

91 172.4 141.4 212.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

t-1,3-Dichloropropene

Concen: 47.43 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027176.D

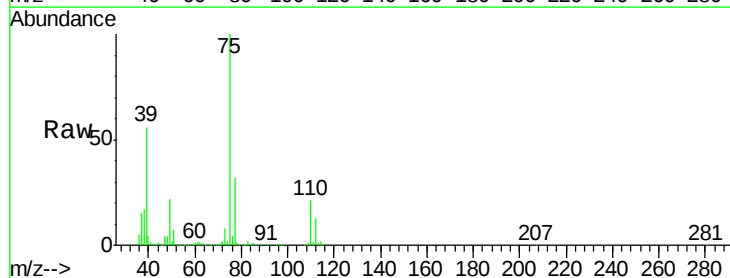
Acq: 15 Sep 2015 20:34

Tgt Ion: 75 Resp: 705231

Ion Ratio Lower Upper

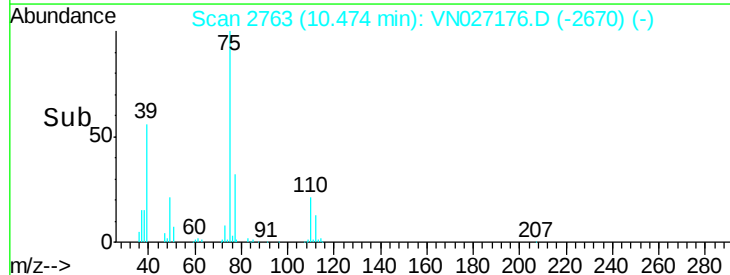
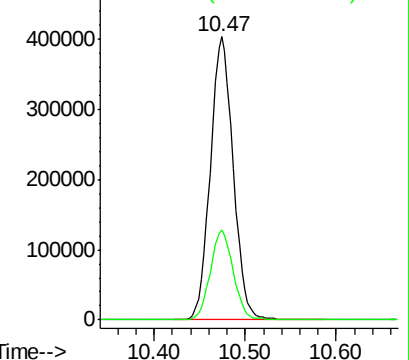
75 100

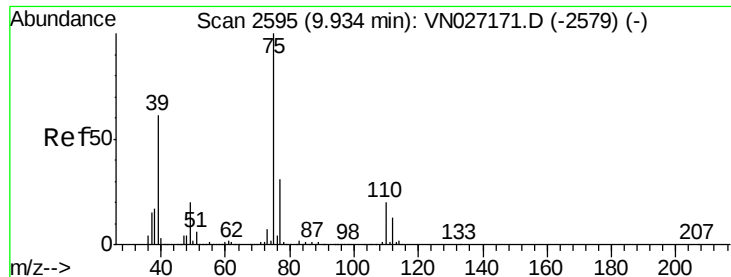
77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#55

cis-1,3-Dichloropropene

Concen: 46.49 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampled :

ICVVN091515

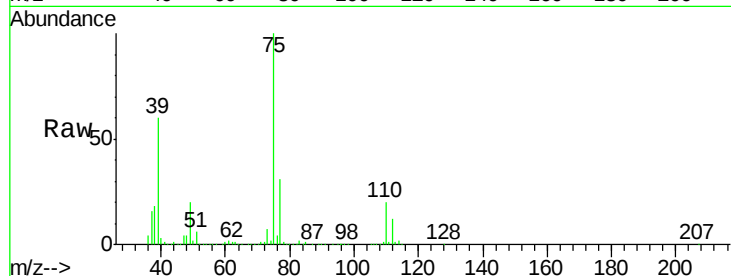
Tgt Ion: 75 Resp: 751918

Ion Ratio Lower Upper

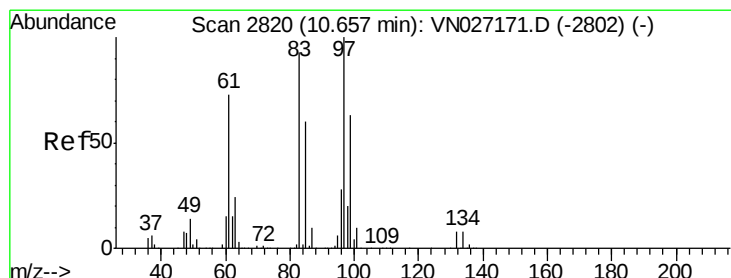
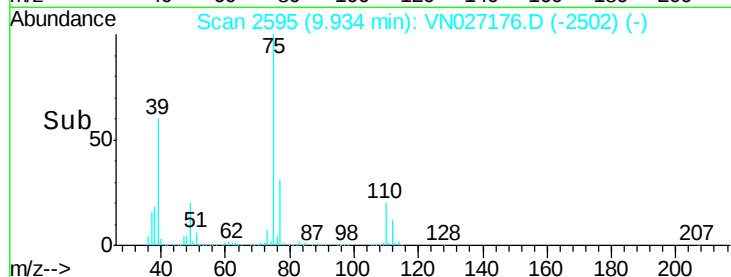
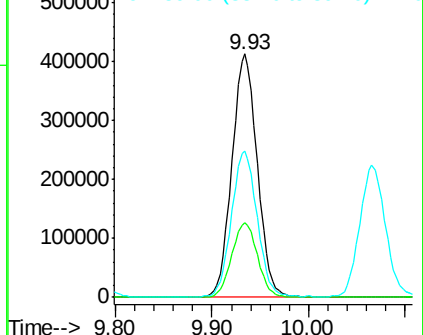
75 100

77 30.7 25.6 38.4

39 59.9 41.6 62.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0



#56

1,1,2-Trichloroethane

Concen: 47.87 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Tgt Ion: 97 Resp: 391887

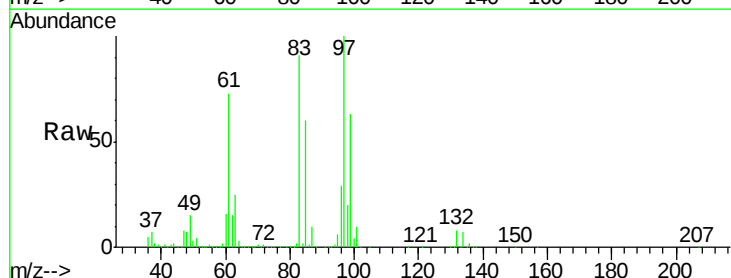
Ion Ratio Lower Upper

97 100

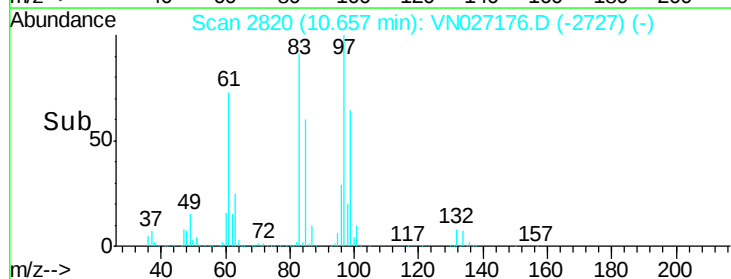
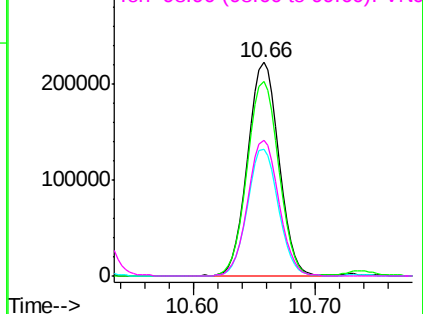
83 90.9 75.0 112.4

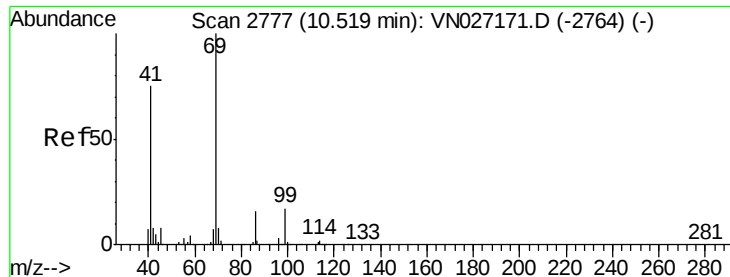
85 59.6 48.0 72.0

99 63.4 50.3 75.5



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

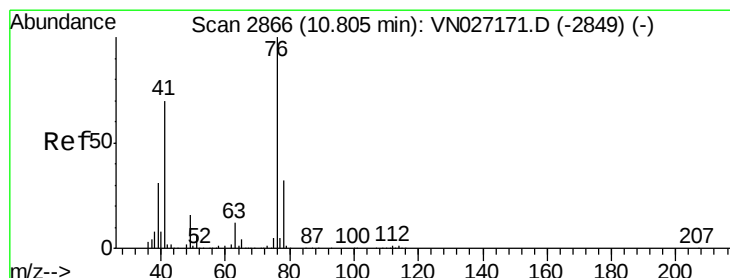
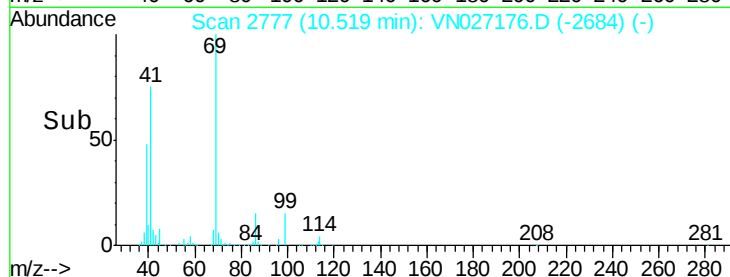
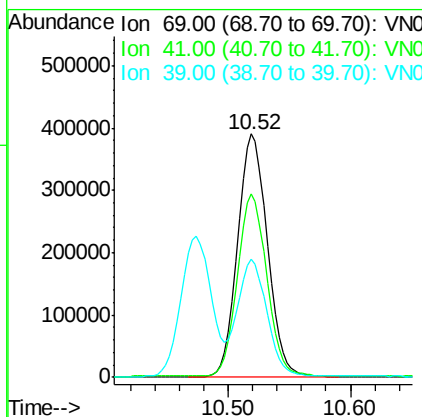
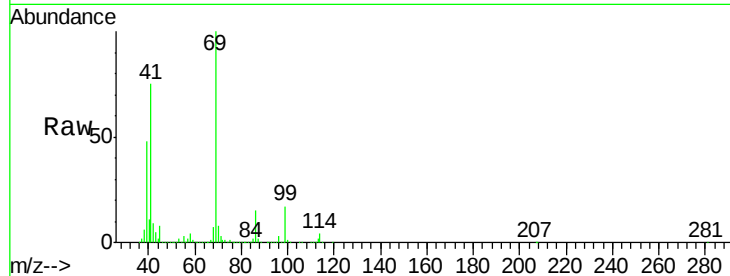




#57
 Ethyl methacrylate
 Concen: 47.77 ug/l
 RT: 10.52 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

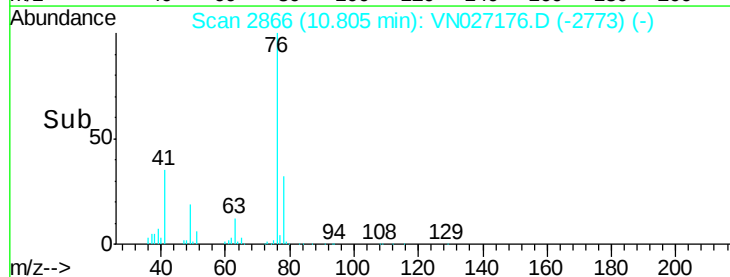
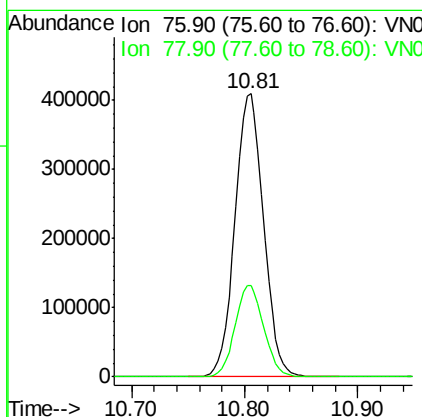
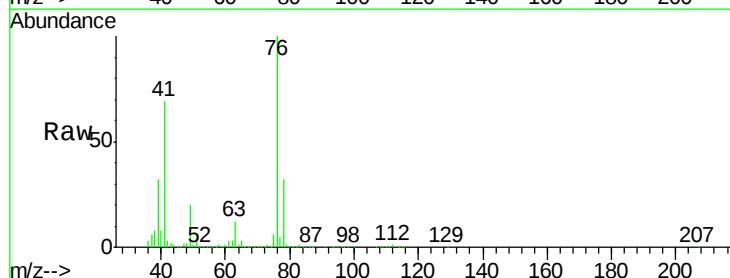
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091515

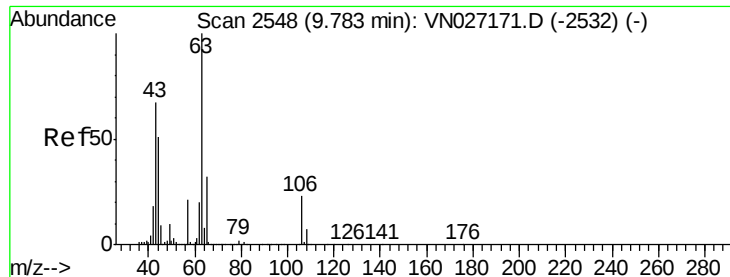
Tgt Ion: 69 Resp: 659133
 Ion Ratio Lower Upper
 69 100
 41 73.5 61.3 91.9
 39 47.9 28.4 42.6#



#58
 1,3-Dichloropropane
 Concen: 47.51 ug/l
 RT: 10.81 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion: 76 Resp: 722018
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.0 37.6

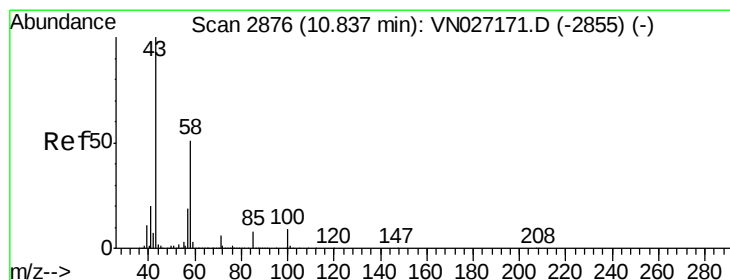
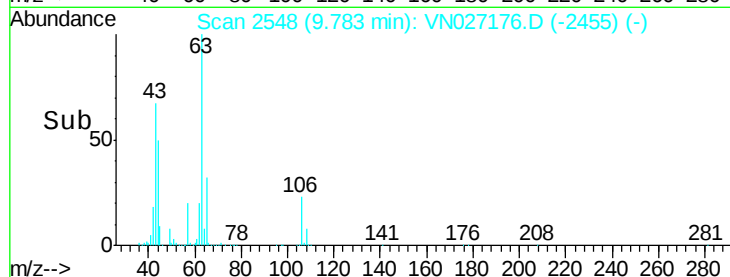
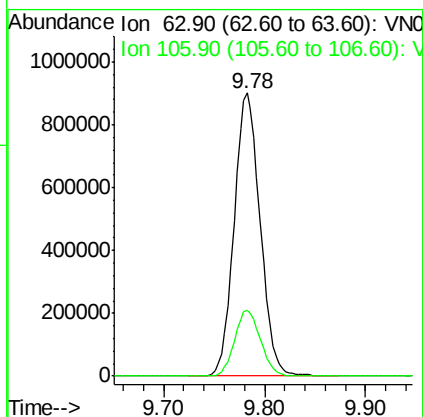
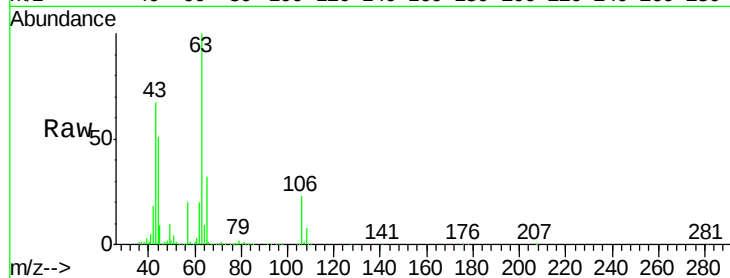




#59
2-Chloroethyl Vinyl ether
Concen: 254.61 ug/l
RT: 9.78 min Scan# 2548
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

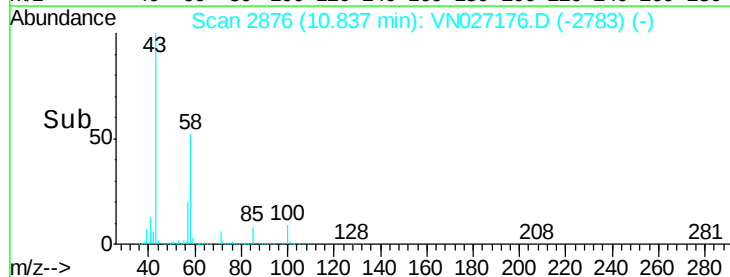
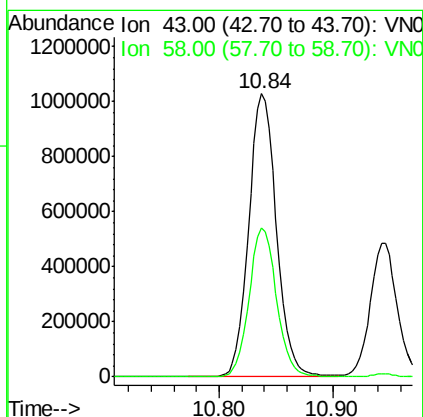
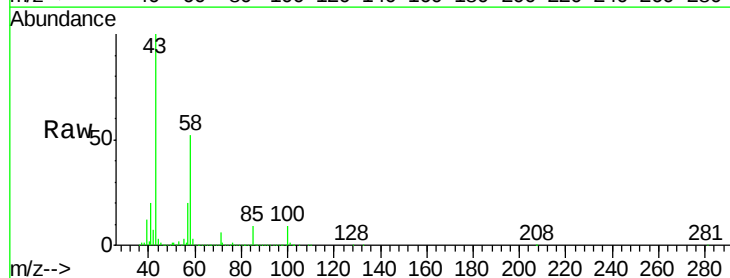
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091515

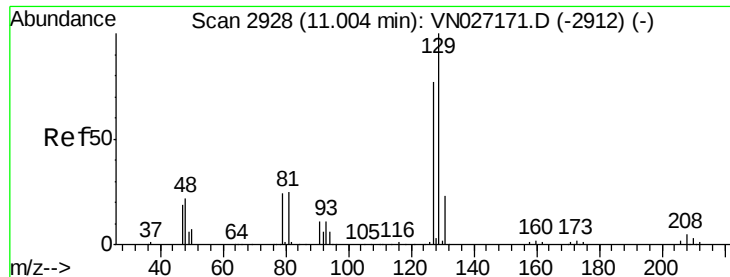
Tgt Ion: 63 Resp: 1612901
Ion Ratio Lower Upper
63 100
106 23.2 17.7 26.5



#60
2-Hexanone
Concen: 238.00 ug/l
RT: 10.84 min Scan# 2876
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

Tgt Ion: 43 Resp: 1745044
Ion Ratio Lower Upper
43 100
58 52.4 26.2 78.5

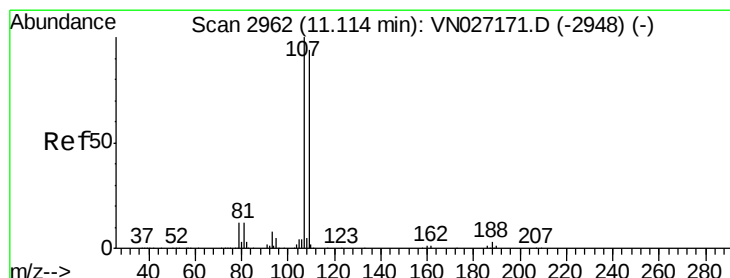
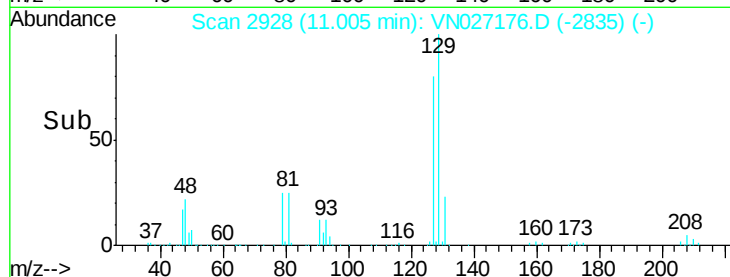
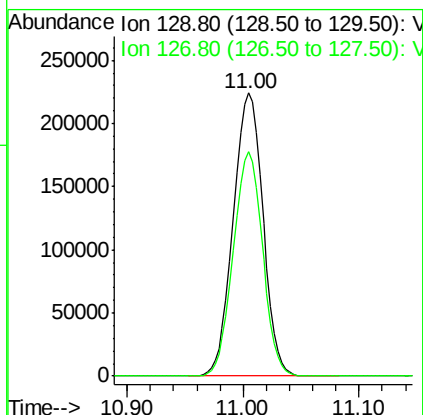
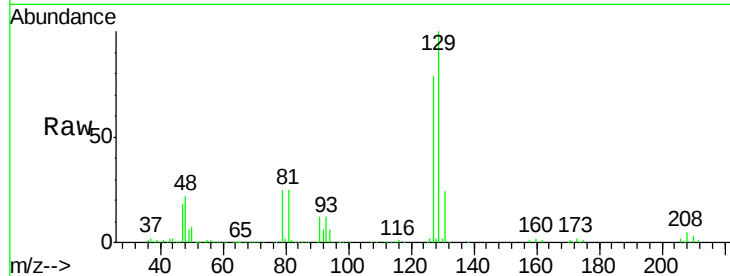




#61
 Dibromochloromethane
 Concen: 47.62 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

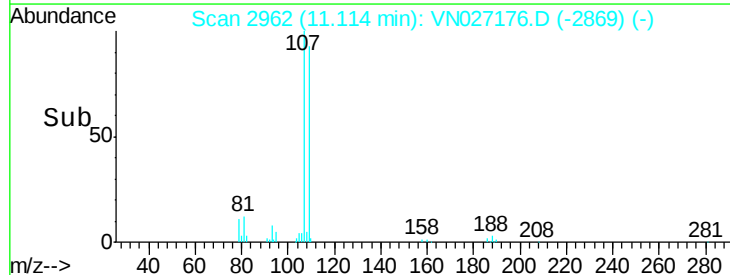
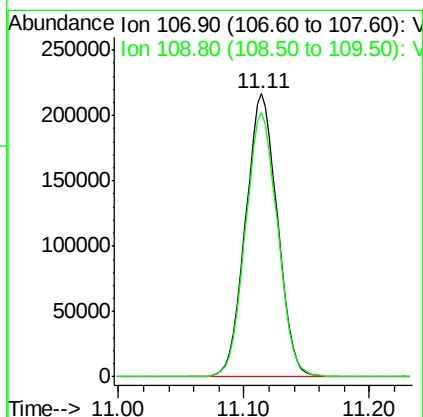
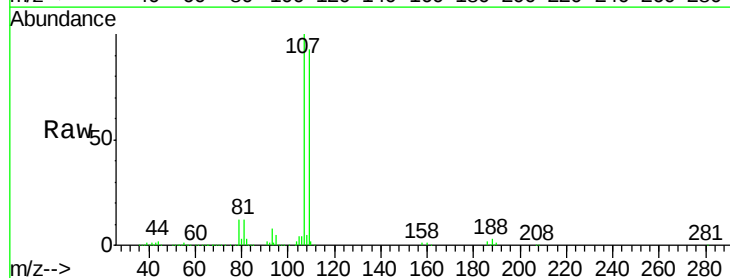
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

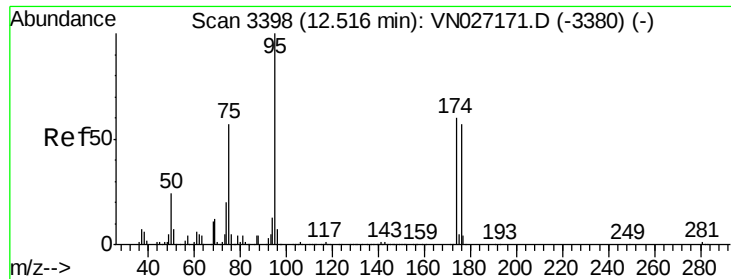
Tgt Ion:129 Resp: 398164
 Ion Ratio Lower Upper
 129 100
 127 78.1 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 47.55 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion:107 Resp: 382532
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4

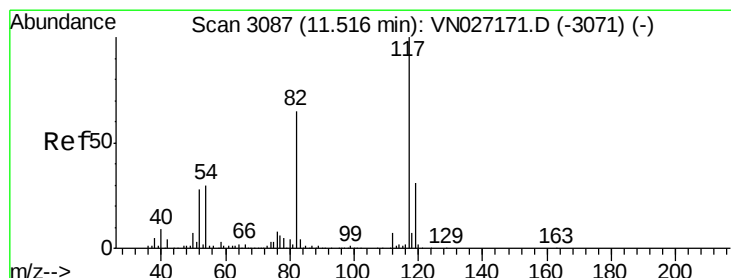
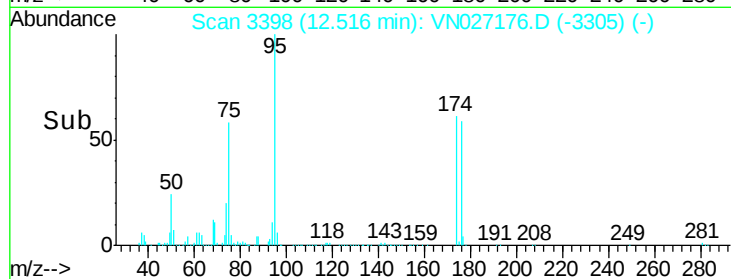
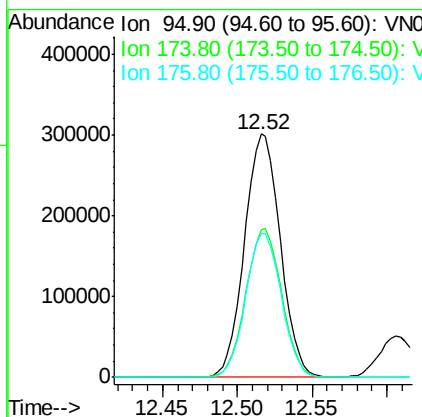
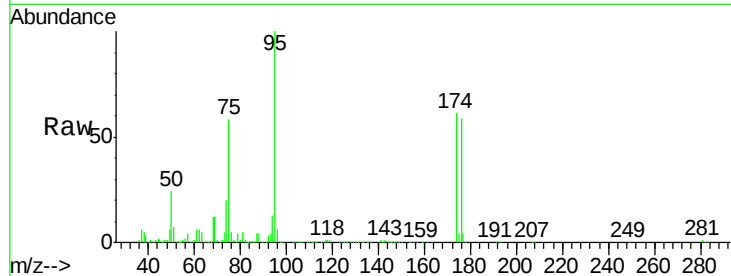




#63
 4-Bromofluorobenzene
 Concen: 47.74 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

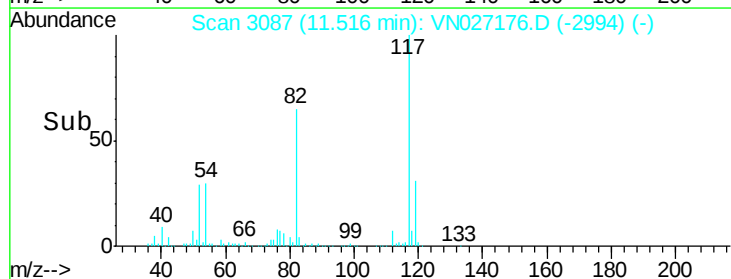
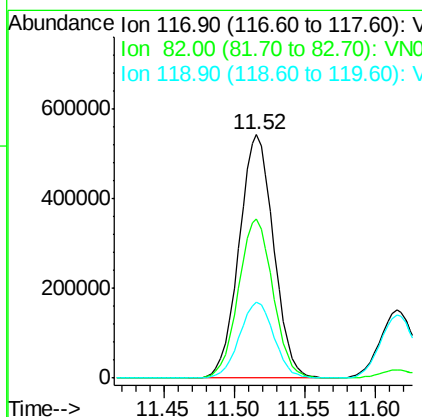
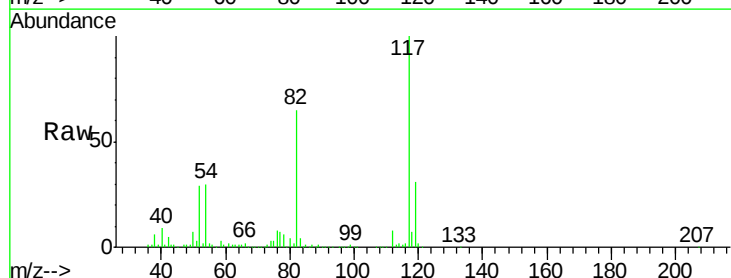
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

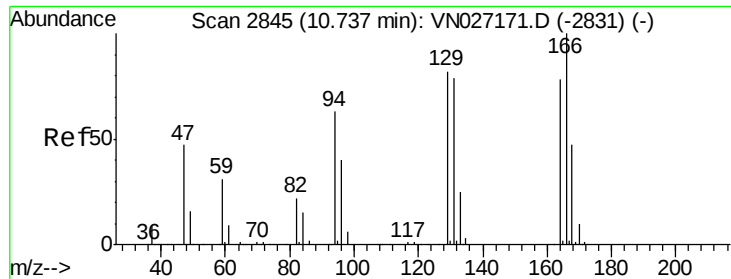
Tgt Ion	Ratio	Lower	Upper
95	100		
174	61.2	0.0	137.0
176	59.0	0.0	130.8



#64
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.52 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.3	49.6	74.4
119	31.0	24.6	36.8

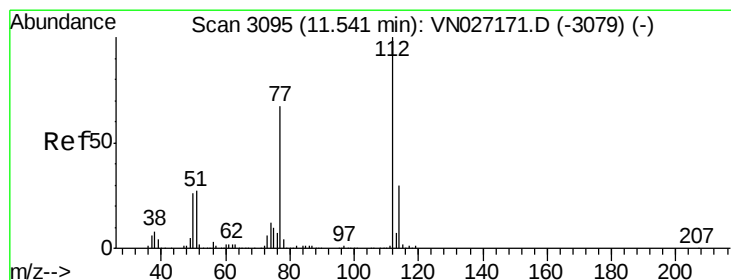
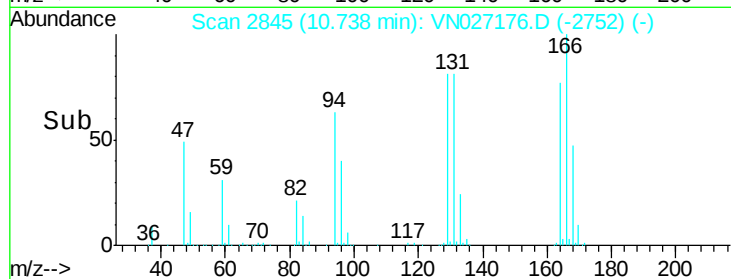
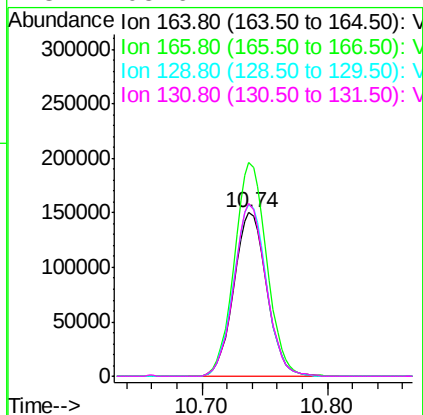
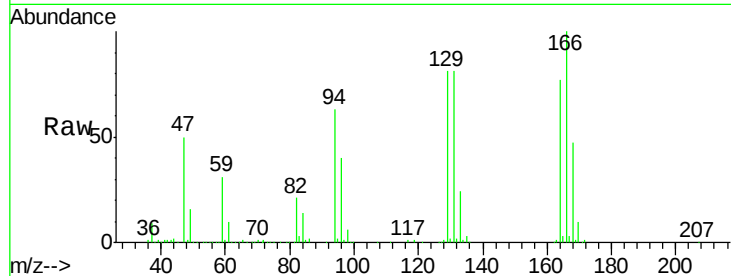




#65
Tetrachloroethene
Concen: 45.81 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

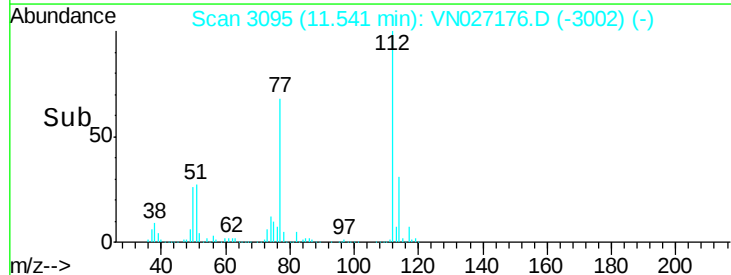
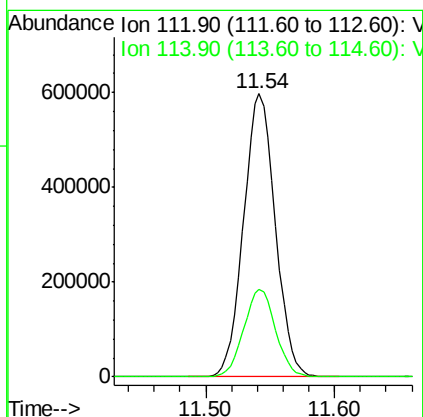
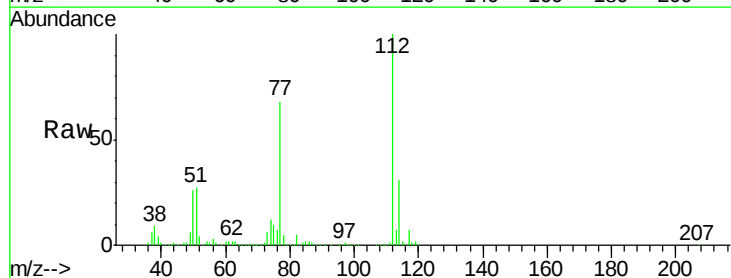
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091515

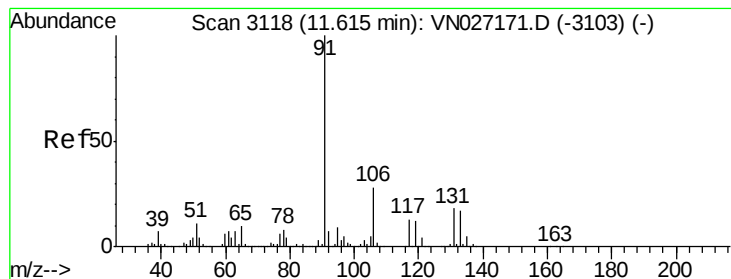
Tgt Ion:164 Resp: 273367
Ion Ratio Lower Upper
164 100
166 130.6 103.4 155.0
129 105.2 77.5 116.3
131 105.6 74.2 111.4



#66
Chlorobenzene
Concen: 46.43 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

Tgt Ion:112 Resp: 1022801
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3





#67

1,1,1,2-Tetrachloroethane

Concen: 46.80 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampled :

ICVVN091515

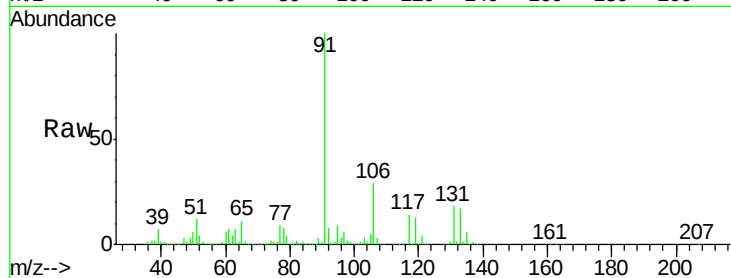
Tgt Ion:131 Resp: 351684

Ion Ratio Lower Upper

131 100

133 94.2 47.0 141.2

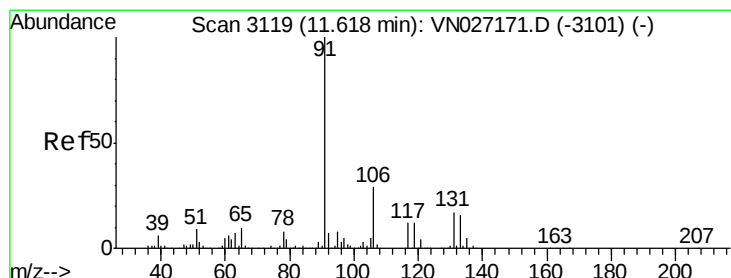
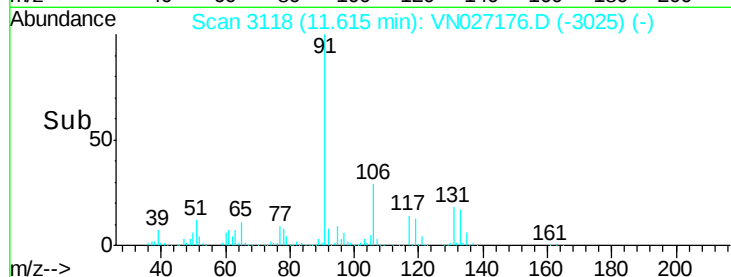
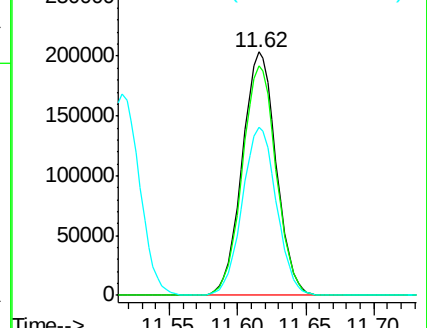
119 69.3 35.1 105.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

Ethyl Benzene

Concen: 46.40 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027176.D

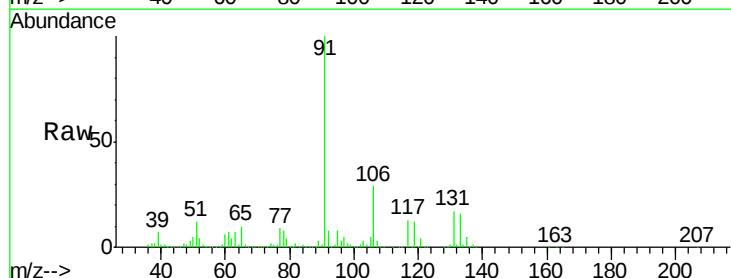
Acq: 15 Sep 2015 20:34

Tgt Ion: 91 Resp: 1938322

Ion Ratio Lower Upper

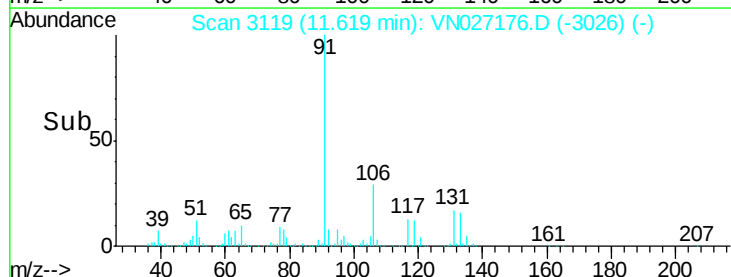
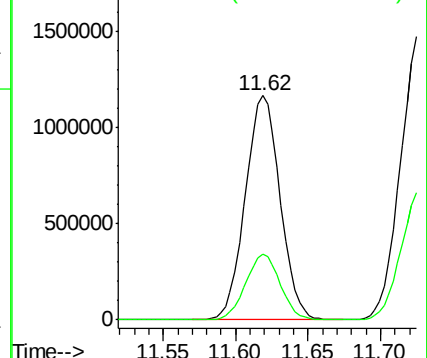
91 100

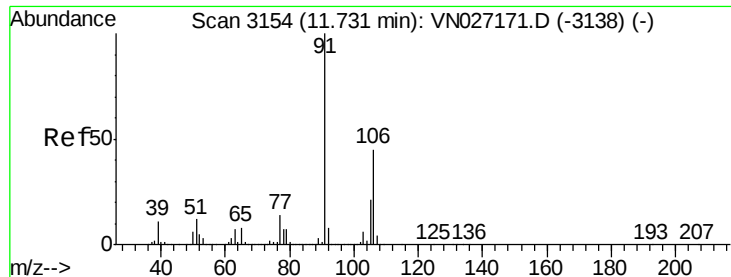
106 29.2 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#69

m/p-Xylenes

Concen: 94.06 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

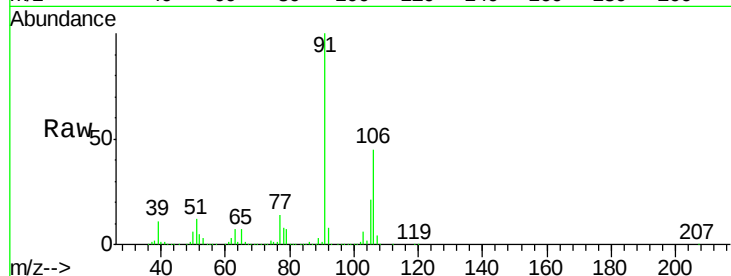
ICVFN091515

Tgt Ion:106 Resp: 1355687

Ion Ratio Lower Upper

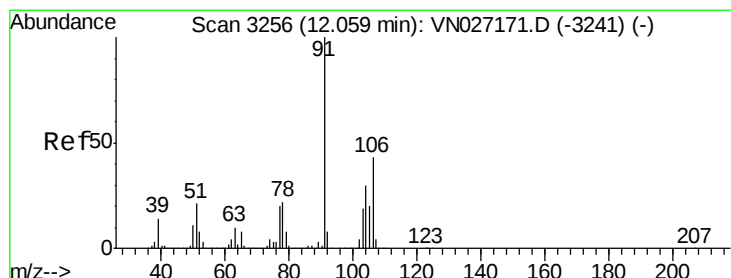
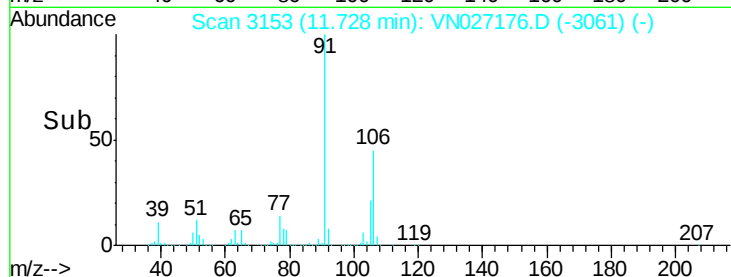
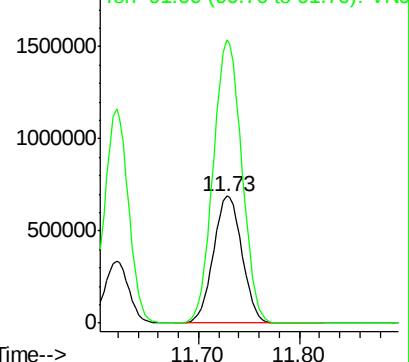
106 100

91 223.1 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 46.78 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN027176.D

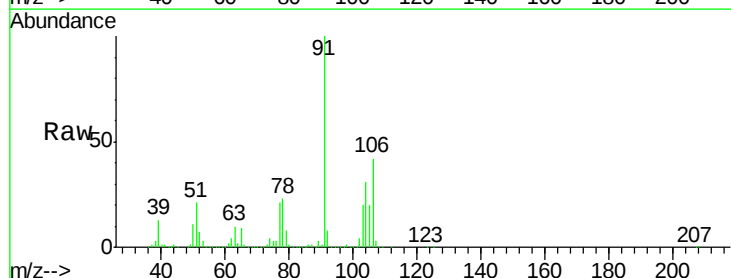
Acq: 15 Sep 2015 20:34

Tgt Ion:106 Resp: 675935

Ion Ratio Lower Upper

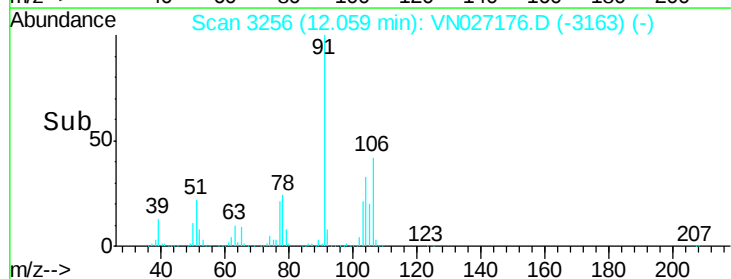
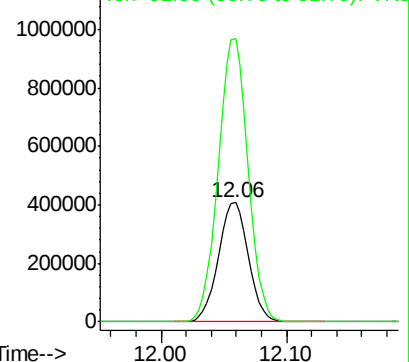
106 100

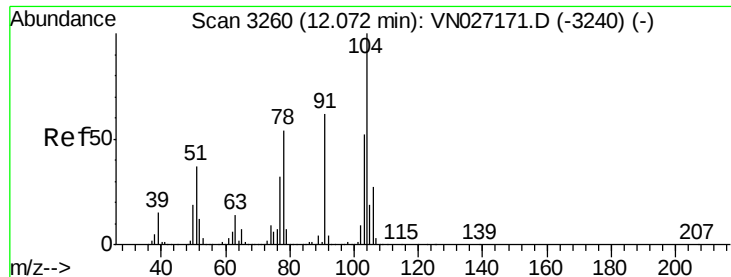
91 235.0 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Styrene

Concen: 47.93 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampled :

ICVVN091515

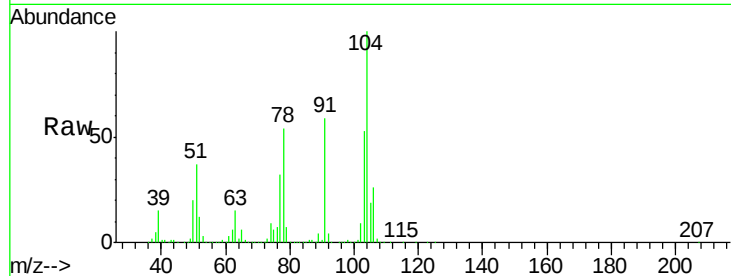
Tgt Ion:104 Resp: 1118039

Ion Ratio Lower Upper

104 100

78 59.3 41.6 62.4

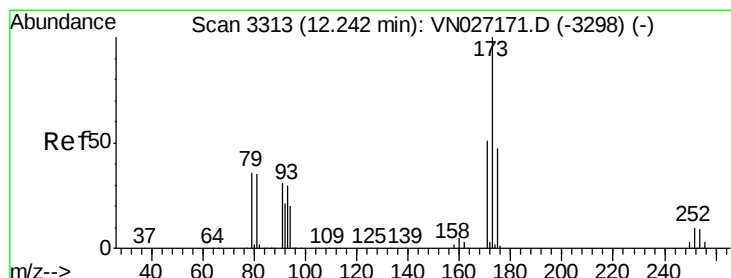
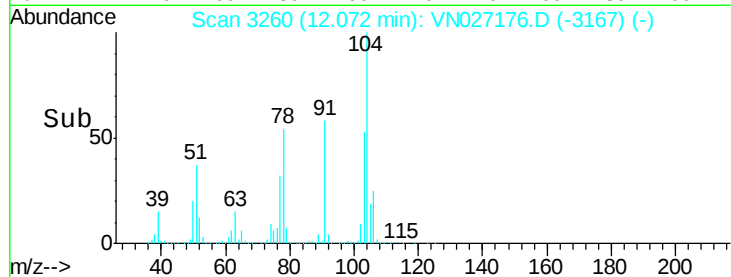
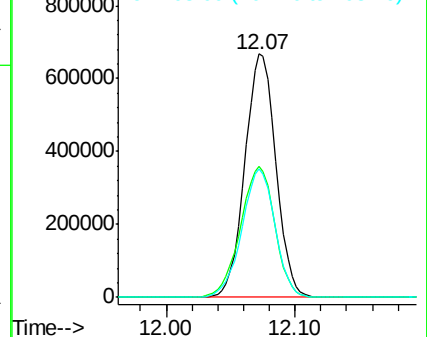
103 56.2 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

Bromoform

Concen: 47.41 ug/l

RT: 12.24 min Scan# 3312

Delta R.T. -0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

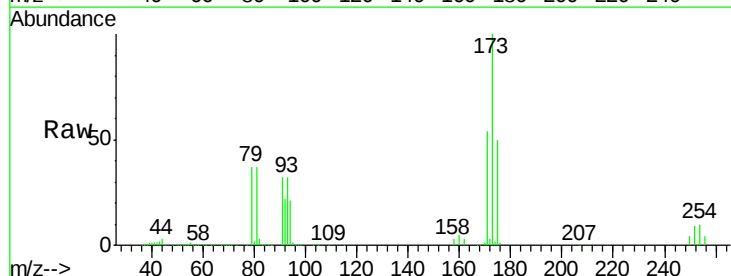
Tgt Ion:173 Resp: 247755

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.4

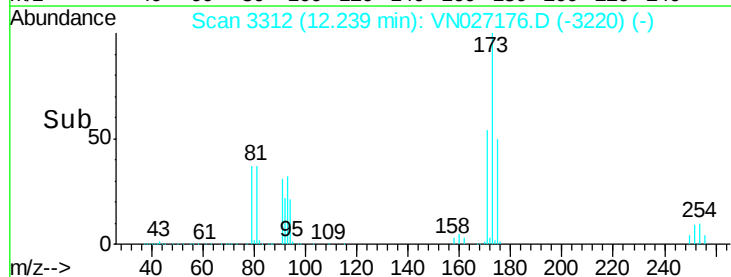
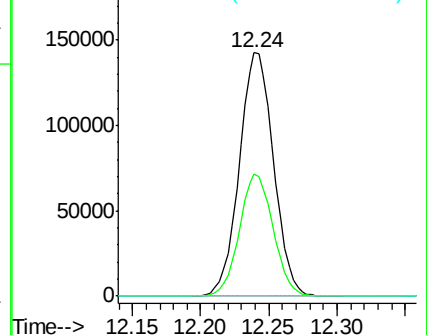
254 0.1 0.1 0.1#

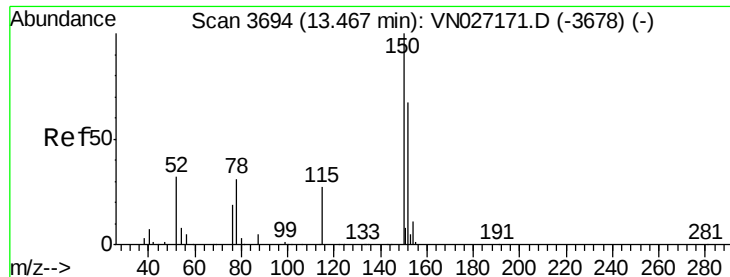


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091515

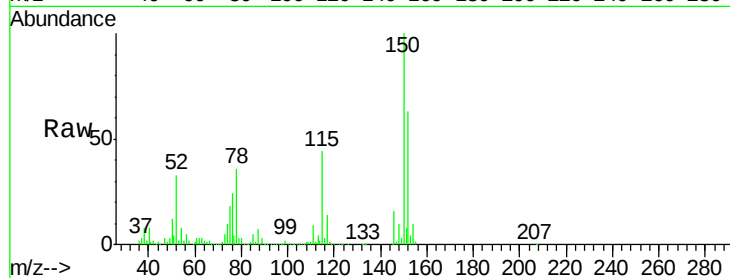
Tgt Ion:152 Resp: 360732

Ion Ratio Lower Upper

152 100

115 68.7 30.8 92.3

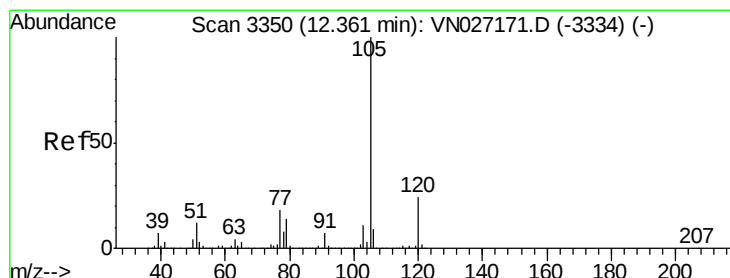
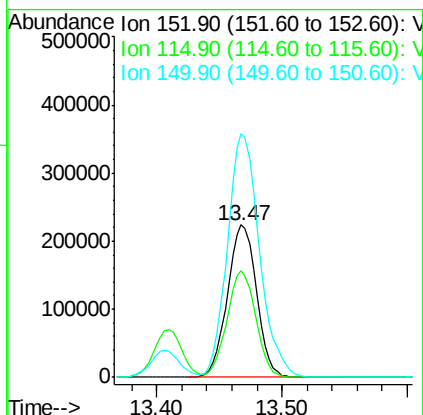
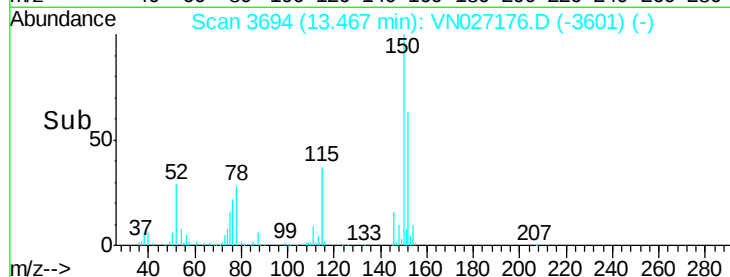
150 175.0 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

Isopropylbenzene

Concen: 45.87 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027176.D

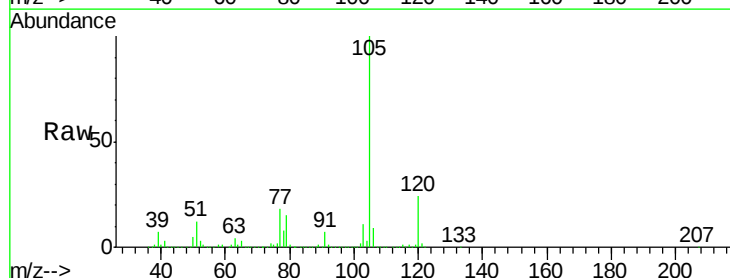
Acq: 15 Sep 2015 20:34

Tgt Ion:105 Resp: 1823405

Ion Ratio Lower Upper

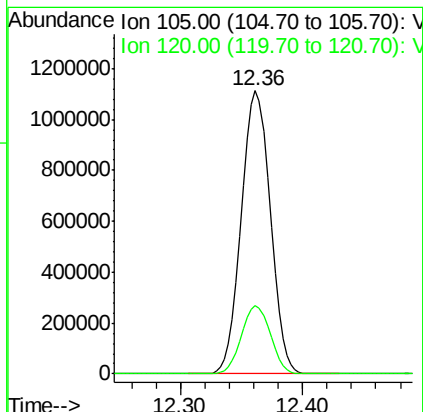
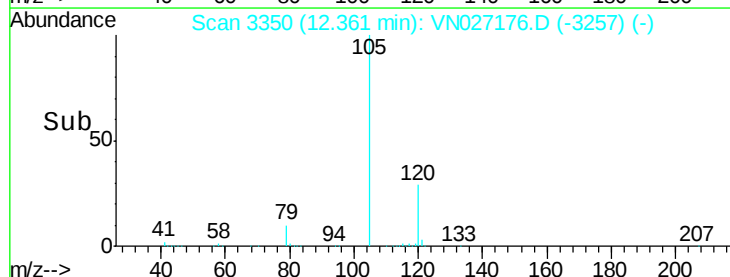
105 100

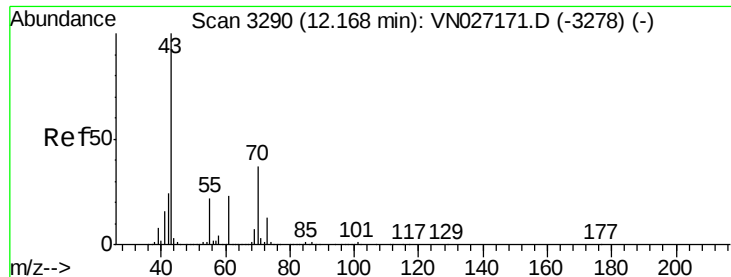
120 24.1 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 47.29 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091515

Tgt Ion: 43 Resp: 839001

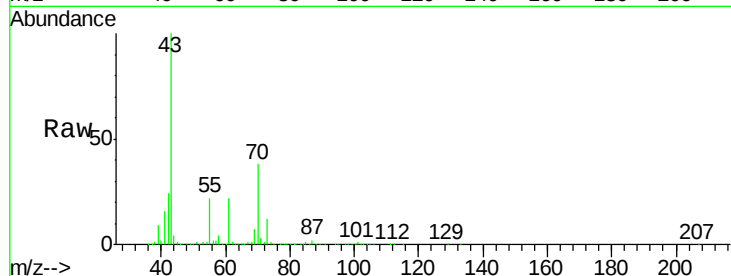
Ion Ratio Lower Upper

43 100

70 37.4 29.8 44.8

55 22.0 19.4 29.0

61 22.6 18.2 27.2

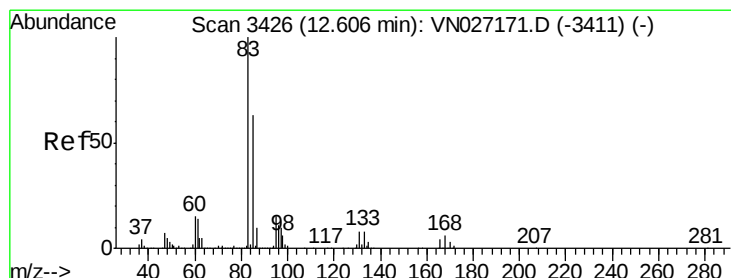
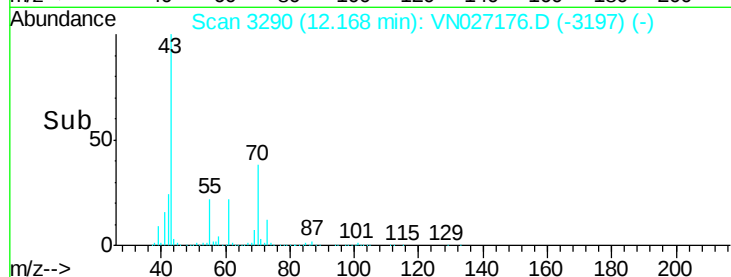
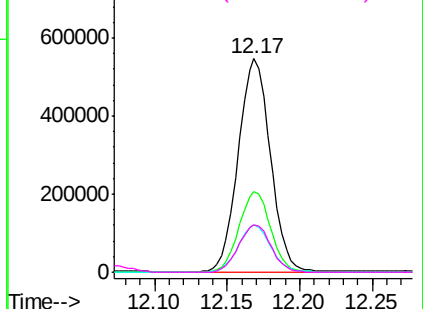


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 51.52 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

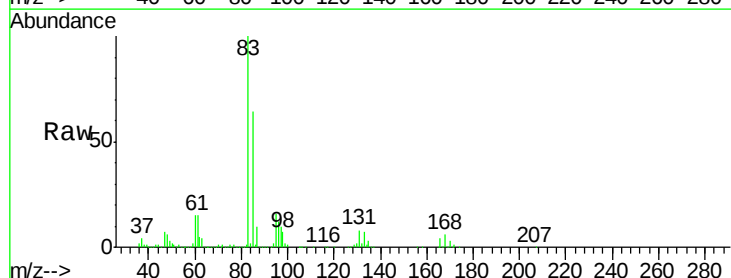
Tgt Ion: 83 Resp: 527656

Ion Ratio Lower Upper

83 100

131 8.7 4.1 12.3

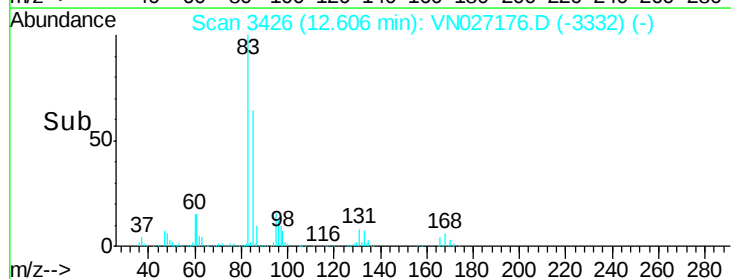
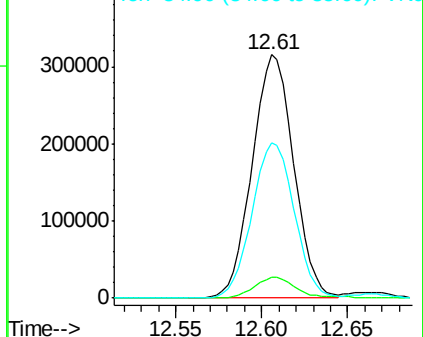
85 65.2 31.9 95.7

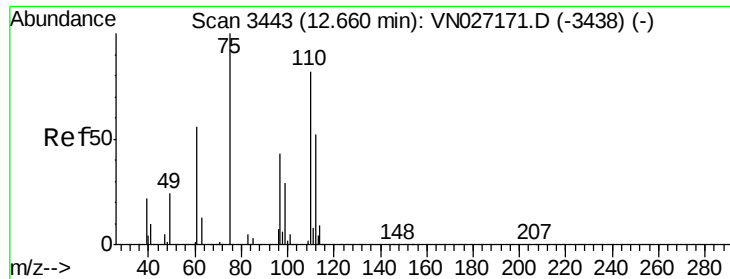


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 67.92 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

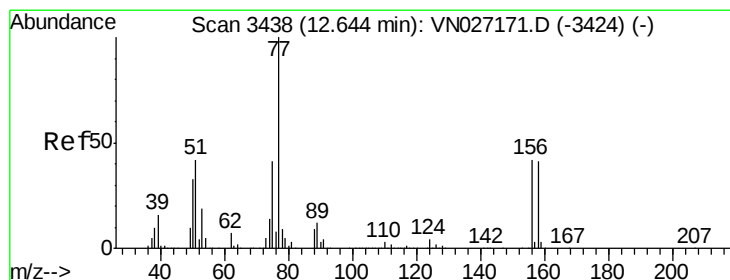
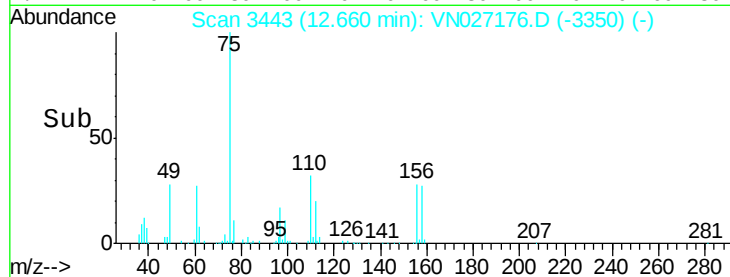
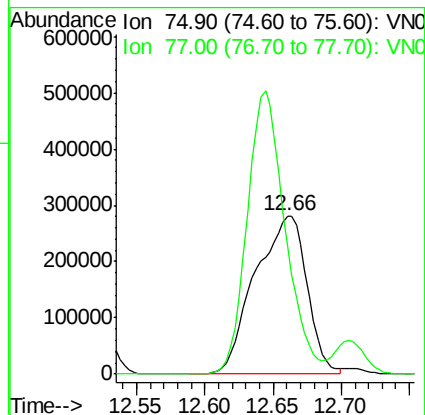
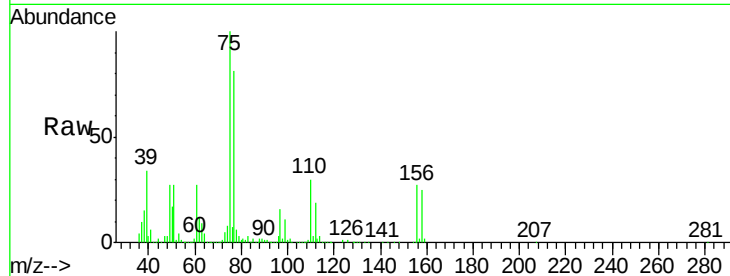
ICVVN091515

Tgt Ion: 75 Resp: 740492

Ion Ratio Lower Upper

75 100

77 130.7 103.1 309.3



#78

Bromobenzene

Concen: 45.67 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

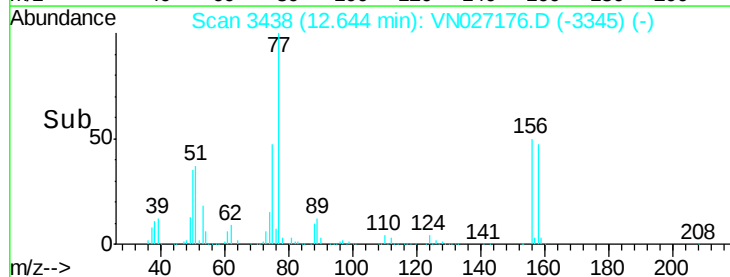
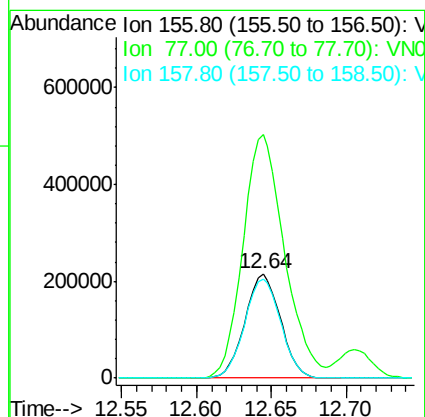
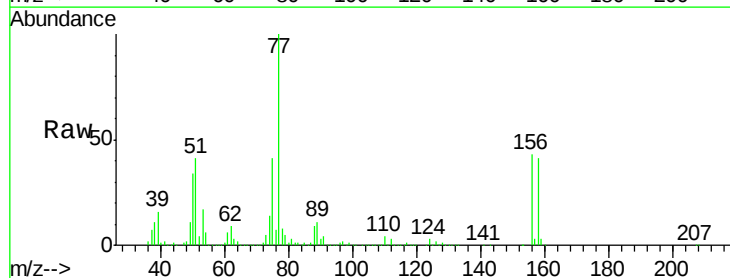
Tgt Ion: 156 Resp: 356008

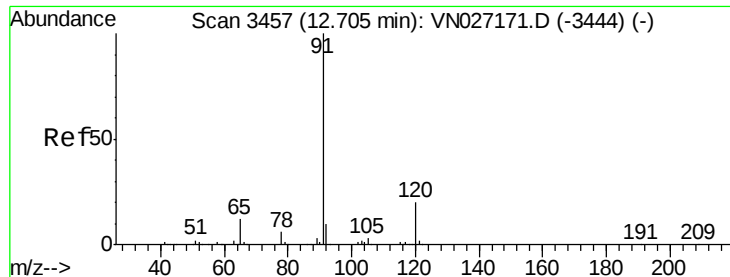
Ion Ratio Lower Upper

156 100

77 271.9 127.3 381.9

158 96.5 48.0 144.2





#79

n-propylbenzene

Concen: 46.45 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampled :

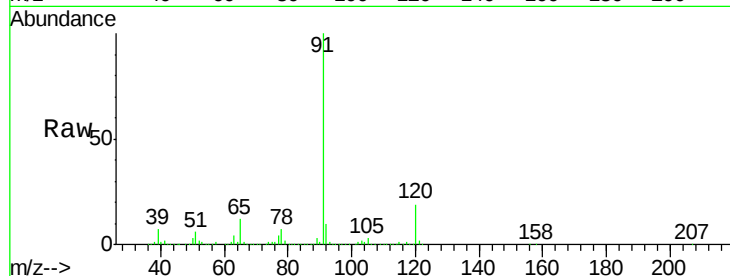
ICVVN091515

Tgt Ion: 91 Resp: 2172469

Ion Ratio Lower Upper

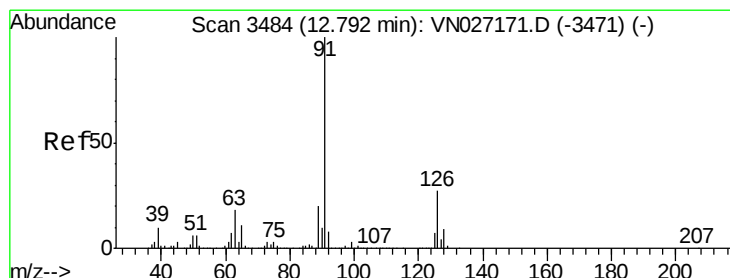
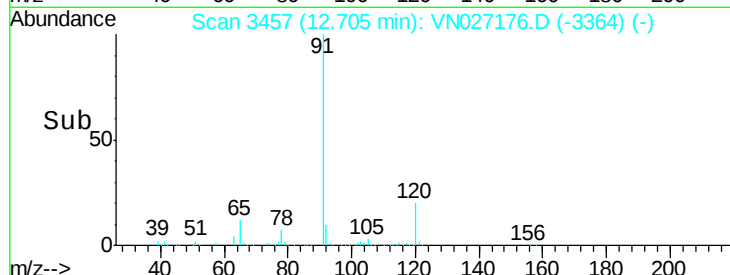
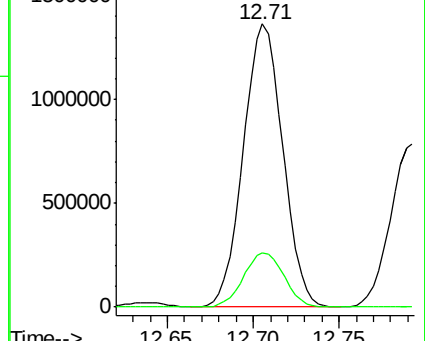
91 100

120 19.7 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

2-Chlorotoluene

Concen: 46.20 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027176.D

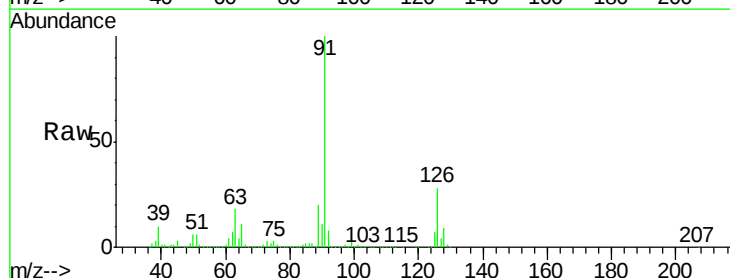
Acq: 15 Sep 2015 20:34

Tgt Ion: 91 Resp: 1297296

Ion Ratio Lower Upper

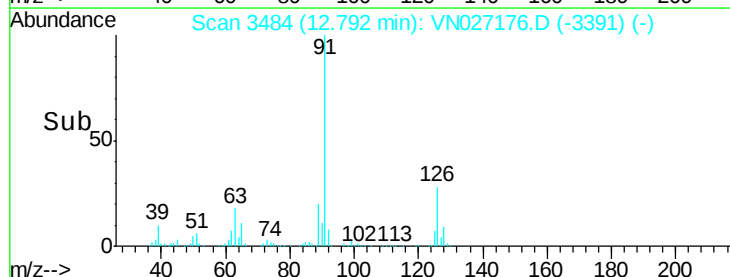
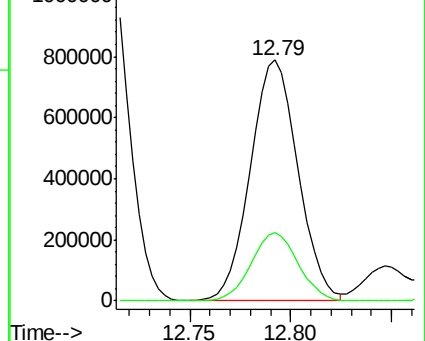
91 100

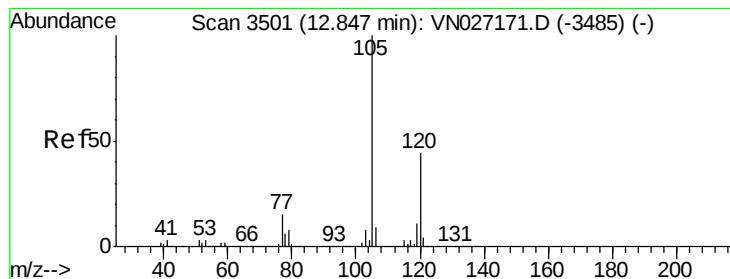
126 27.9 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

1,3,5-Trimethylbenzene

Concen: 46.01 ug/l

RT: 12.85 min Scan# 3501

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampled :

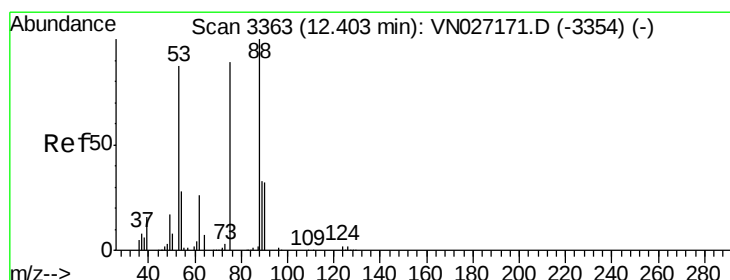
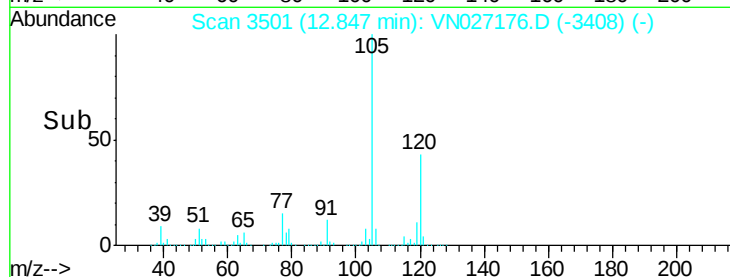
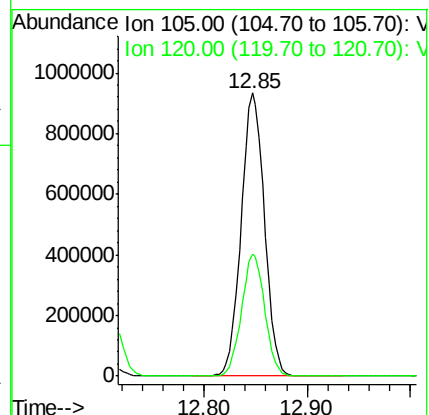
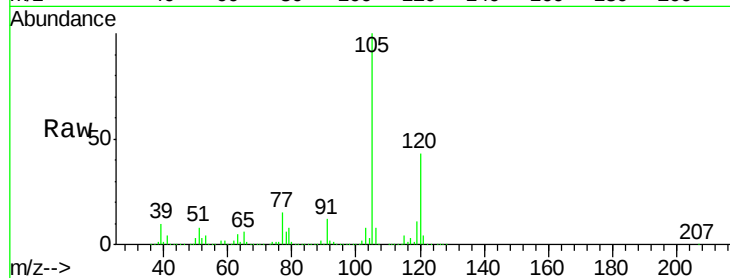
ICVVN091515

Tgt Ion:105 Resp: 1469265

Ion Ratio Lower Upper

105 100

120 42.8 23.4 70.0



#82

trans-1,4-Dichloro-2-butene

Concen: 44.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

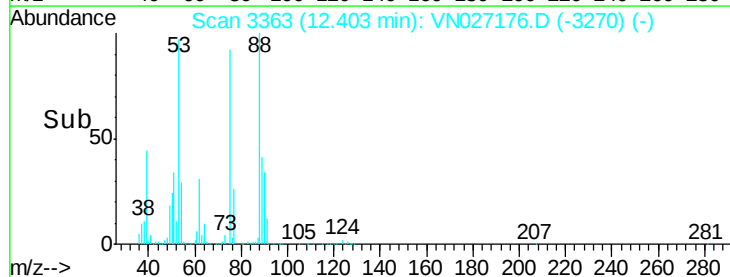
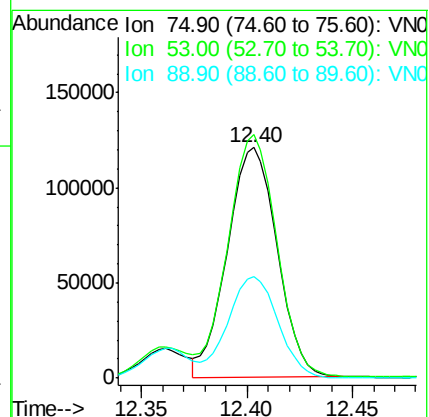
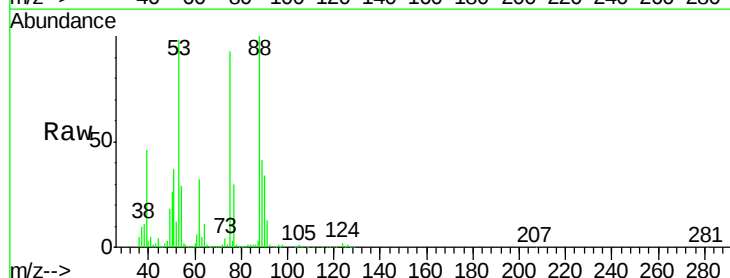
Tgt Ion: 75 Resp: 197705

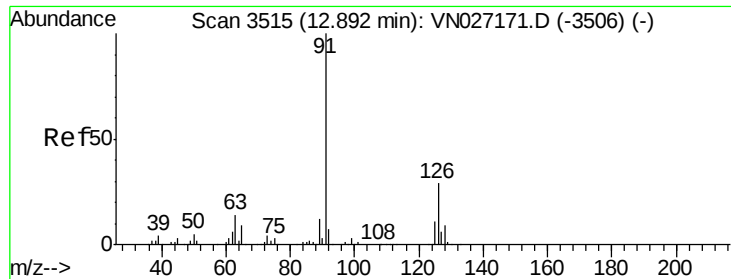
Ion Ratio Lower Upper

75 100

53 103.8 92.9 139.3

89 44.2 34.2 51.4

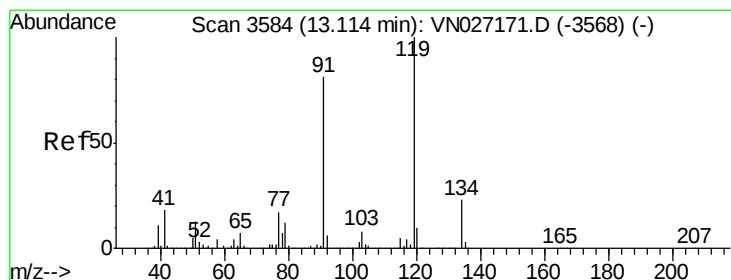
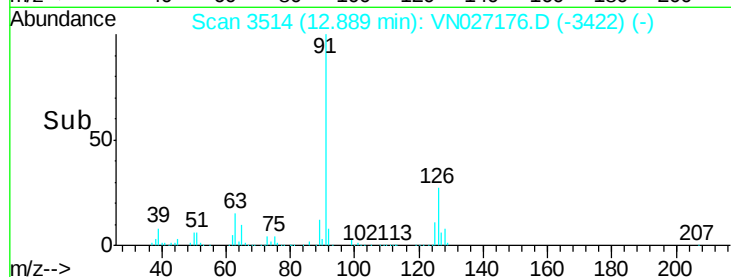
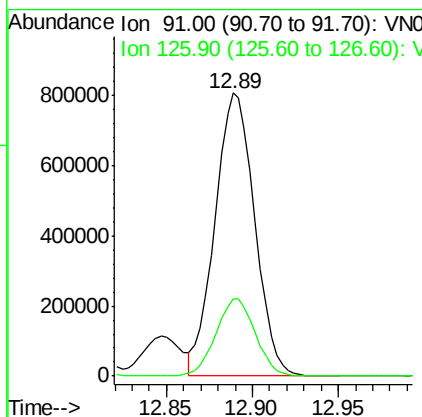
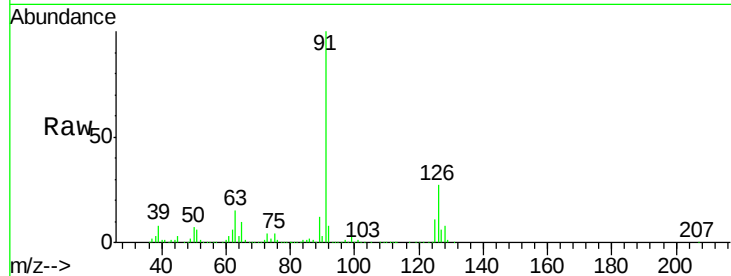




#83
4-Chlorotoluene
Concen: 46.95 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

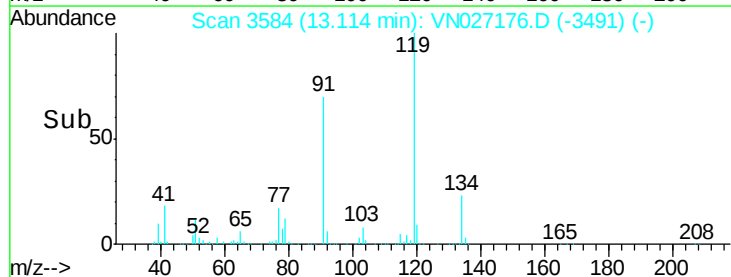
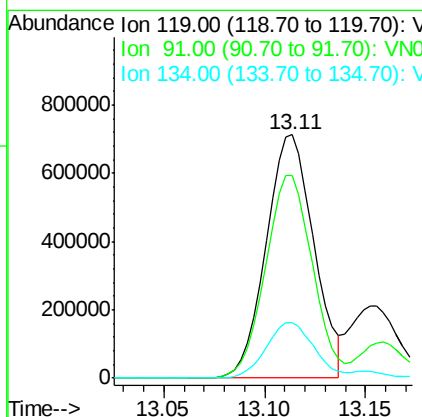
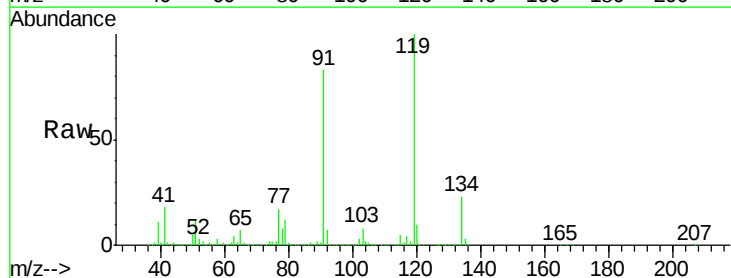
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091515

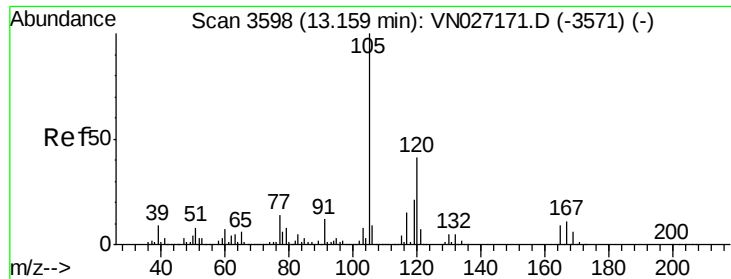
Tgt Ion: 91 Resp: 1295518
Ion Ratio Lower Upper
91 100
126 27.3 14.9 44.5



#84
tert-Butylbenzene
Concen: 44.44 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027176.D
Acq: 15 Sep 2015 20:34

Tgt Ion: 119 Resp: 1170865
Ion Ratio Lower Upper
119 100
91 81.8 34.6 103.8
134 22.7 11.4 34.2

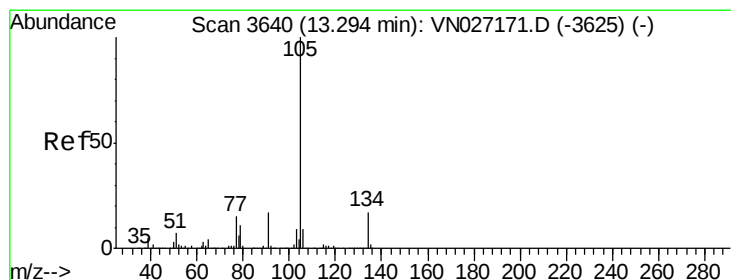
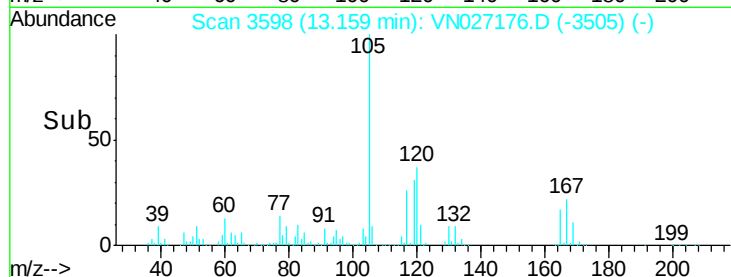
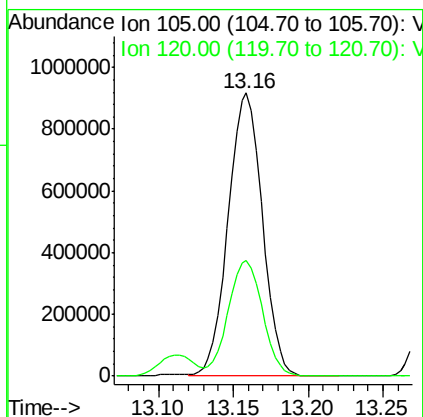
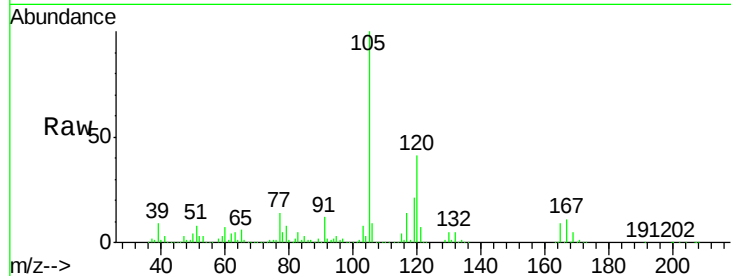




#85
 1,2,4-Trimethylbenzene
 Concen: 45.46 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

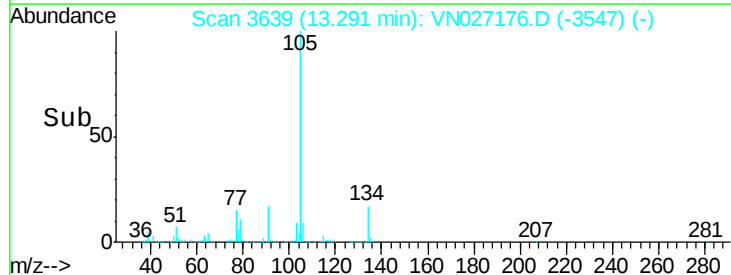
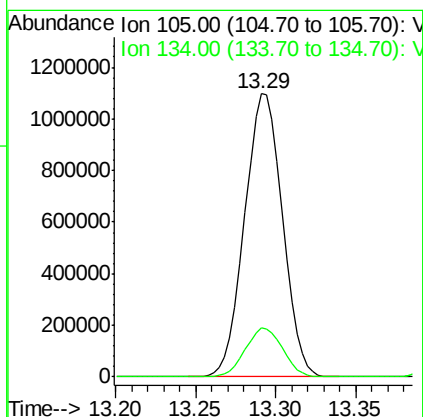
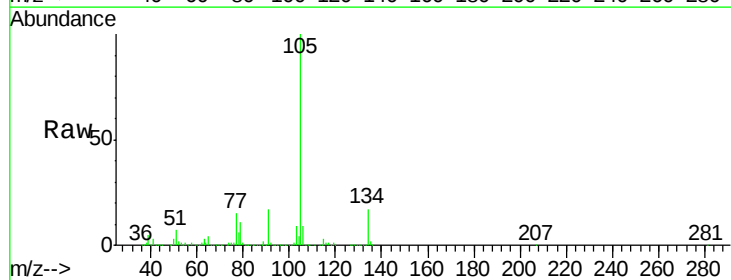
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091515

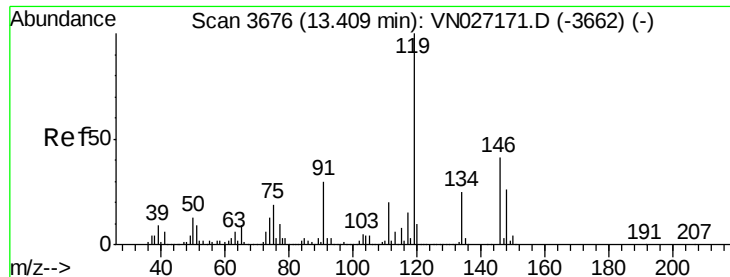
Tgt Ion:105 Resp: 1458193
 Ion Ratio Lower Upper
 105 100
 120 41.2 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 46.12 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion:105 Resp: 1780253
 Ion Ratio Lower Upper
 105 100
 134 17.1 8.8 26.4

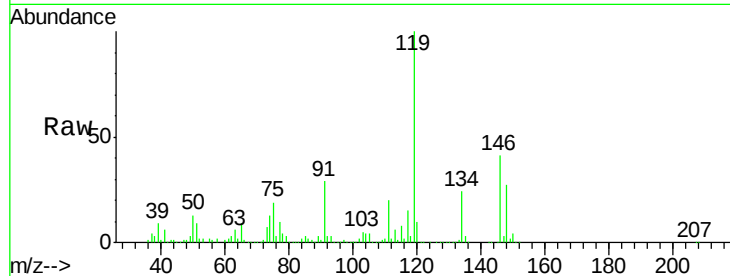




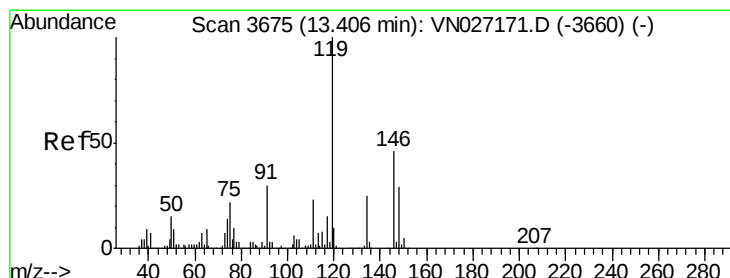
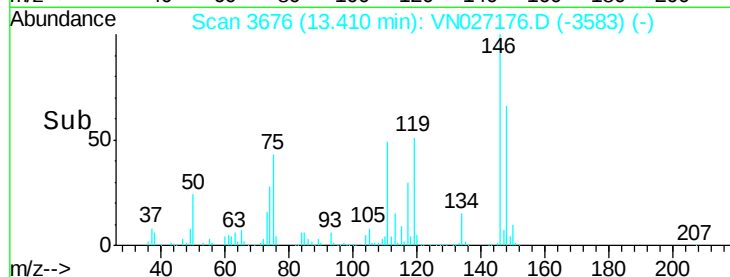
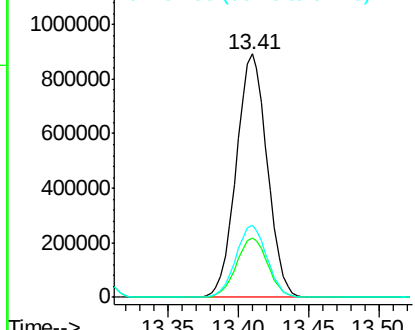
#87
 p-Isopropyltoluene
 Concen: 46.01 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

Tgt Ion:119 Resp: 1367934
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.4 37.0
 91 29.7 12.0 36.1

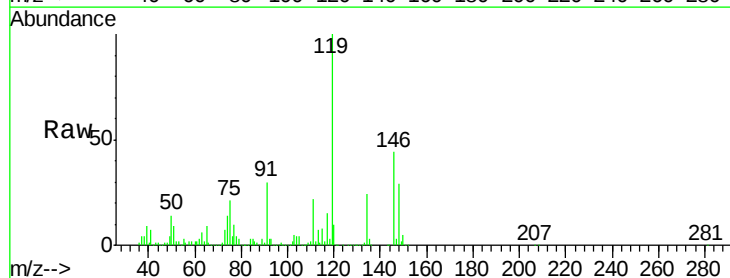


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

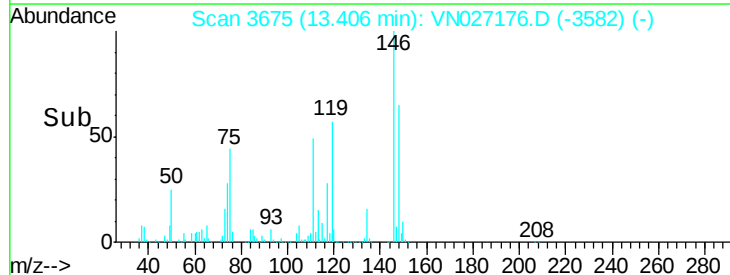
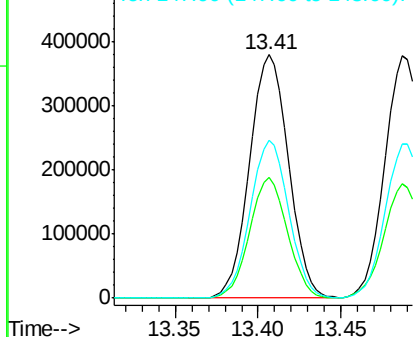


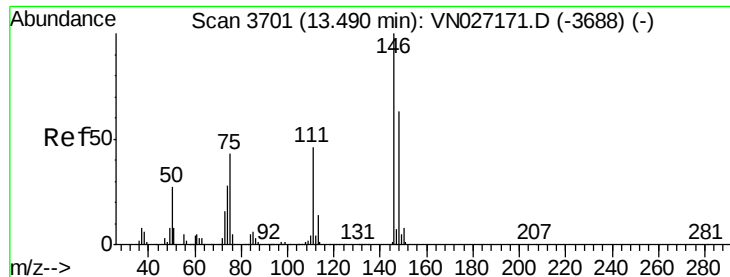
#88
 1,3-Dichlorobenzene
 Concen: 46.69 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion:146 Resp: 622831
 Ion Ratio Lower Upper
 146 100
 111 48.1 21.0 63.0
 148 64.1 31.9 95.9



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

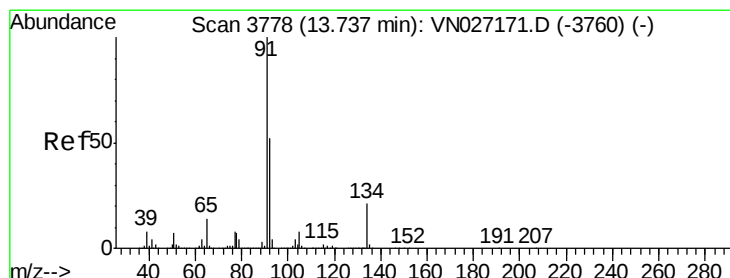
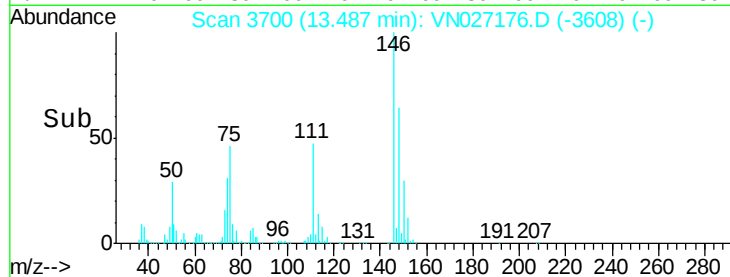
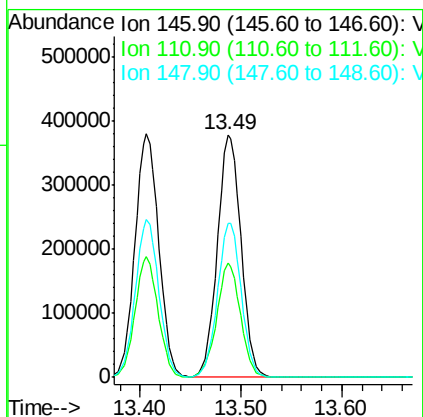
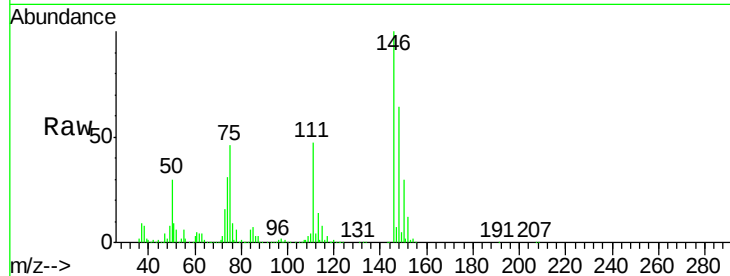




#89
 1,4-Dichlorobenzene
 Concen: 45.82 ug/l
 RT: 13.49 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

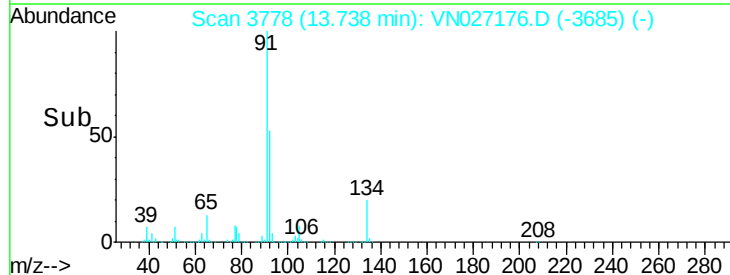
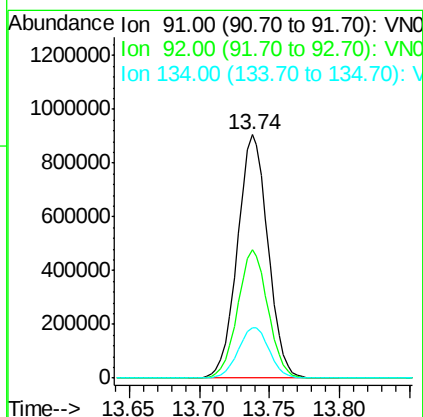
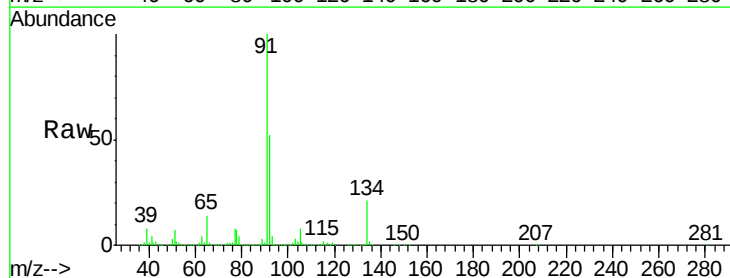
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

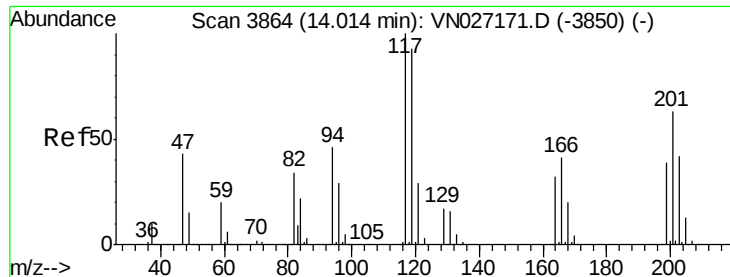
Tgt Ion:146 Resp: 618996
 Ion Ratio Lower Upper
 146 100
 111 46.8 19.9 59.6
 148 63.3 31.7 95.1



#90
 n-Butylbenzene
 Concen: 47.41 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion: 91 Resp: 1367711
 Ion Ratio Lower Upper
 91 100
 92 52.5 26.1 78.2
 134 21.1 11.1 33.1





#91

Hexachloroethane

Concen: 45.13 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampleId :

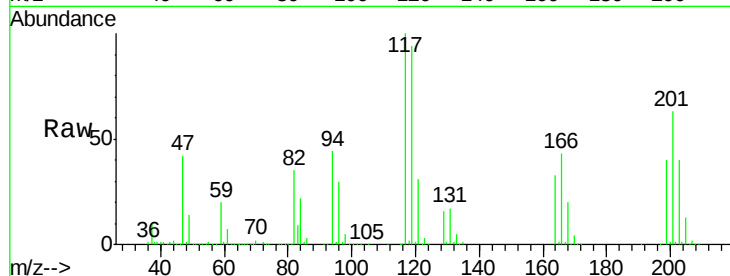
ICVVN091515

Tgt Ion:117 Resp: 293629

Ion Ratio Lower Upper

117 100

201 63.5 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.01

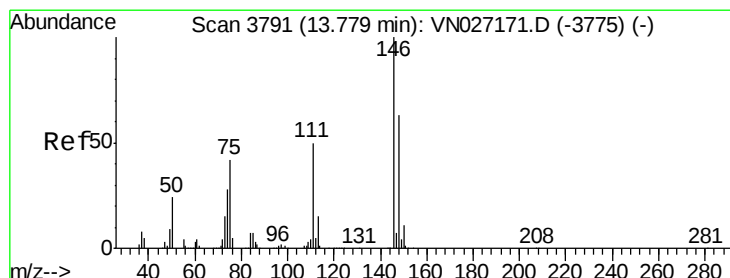
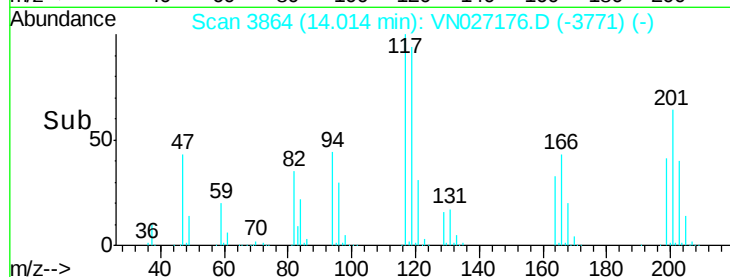
150000

100000

50000

0

Time-->



#92

1,2-Dichlorobenzene

Concen: 46.68 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

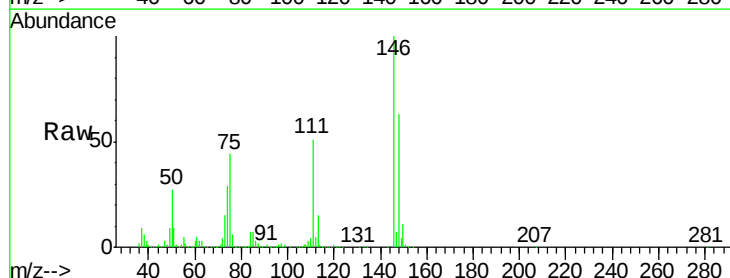
Tgt Ion:146 Resp: 615298

Ion Ratio Lower Upper

146 100

111 50.2 22.1 66.3

148 63.8 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

13.78

400000

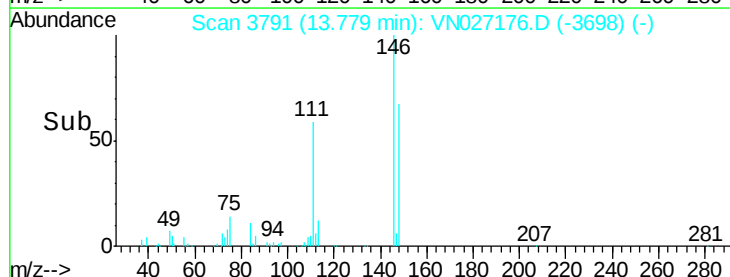
300000

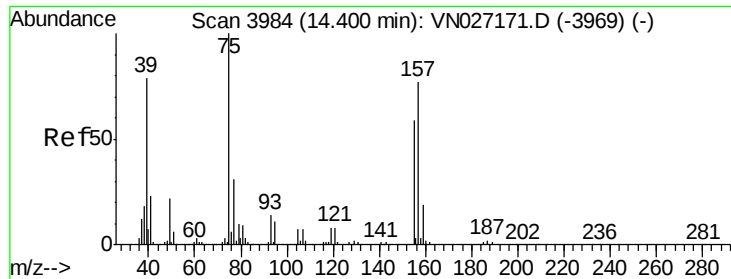
200000

100000

0

Time-->

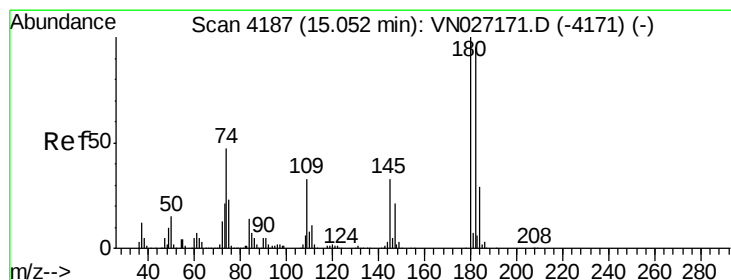
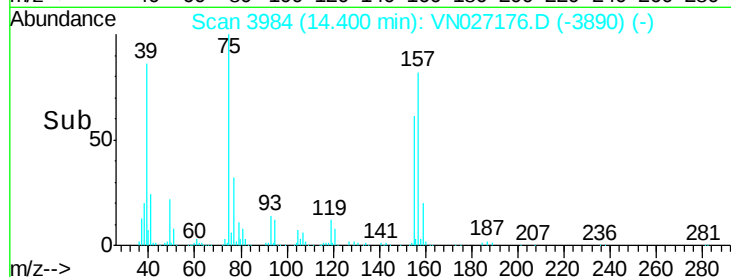
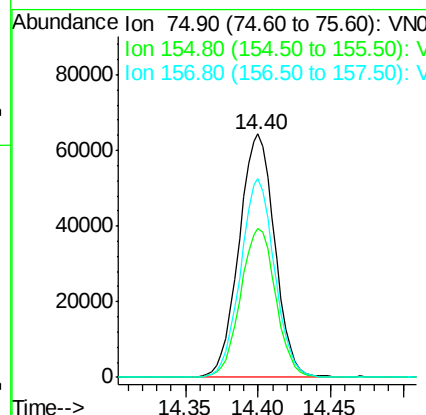
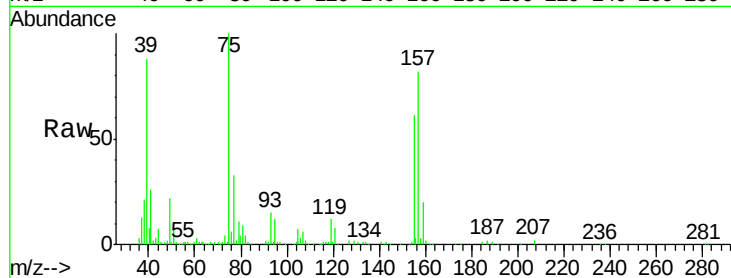




#93
 1,2-Dibromo-3-Chloropropane
 Concen: 48.49 ug/l
 RT: 14.40 min Scan# 3984
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

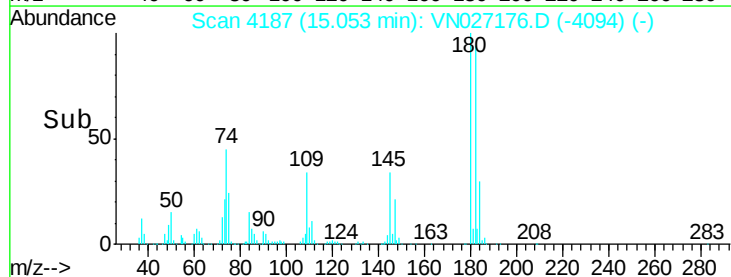
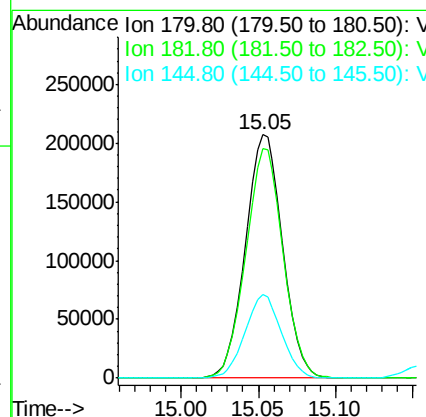
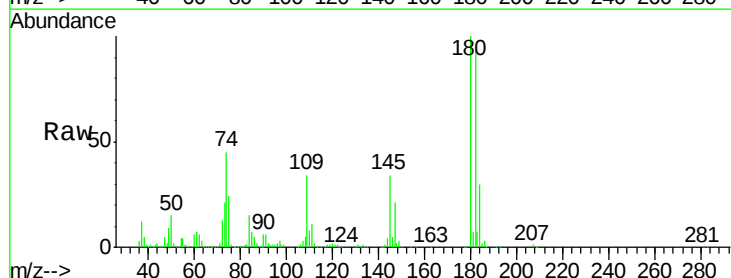
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

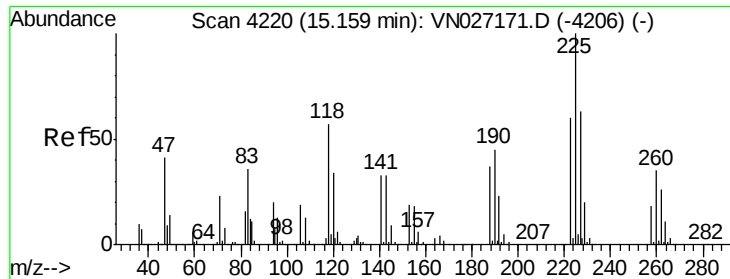
Tgt Ion: 75 Resp: 110177
 Ion Ratio Lower Upper
 75 100
 155 60.0 35.6 106.9
 157 77.9 44.6 133.8



#94
 1,2,4-Trichlorobenzene
 Concen: 48.59 ug/l
 RT: 15.05 min Scan# 4187
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Tgt Ion: 180 Resp: 345992
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.5 142.5
 145 33.8 15.1 45.3





#95

Hexachlorobutadiene

Concen: 47.16 ug/l

RT: 15.16 min Scan# 4219

Delta R.T. -0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

Instrument :

MSVOA_N

ClientSampled :

ICVVN091515

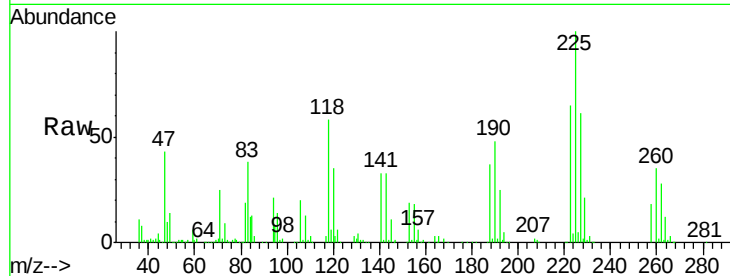
Tgt Ion:225 Resp: 176874

Ion Ratio Lower Upper

225 100

223 64.0 30.8 92.3

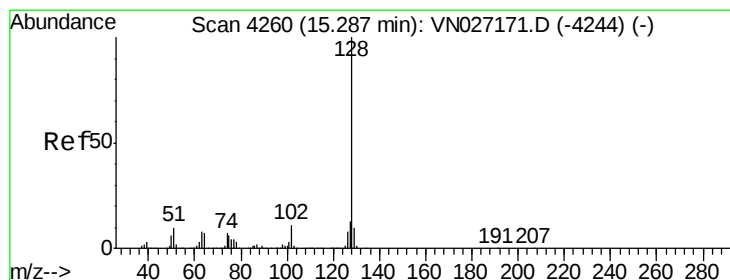
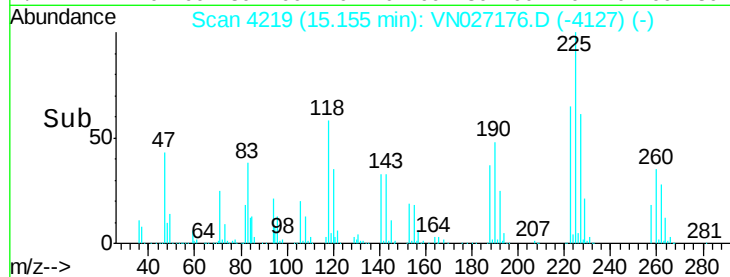
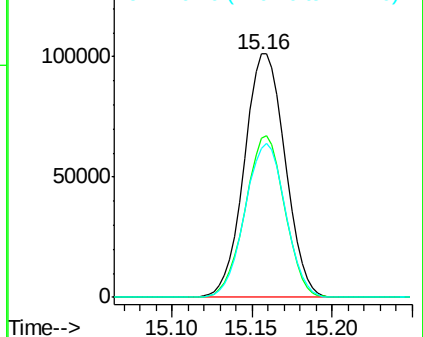
227 62.5 31.7 95.1



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: 49.88 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027176.D

Acq: 15 Sep 2015 20:34

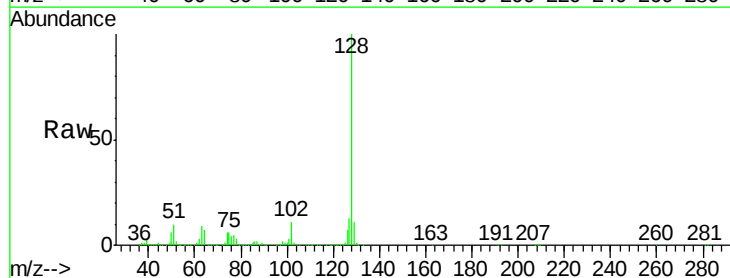
Tgt Ion:128 Resp: 1041215

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

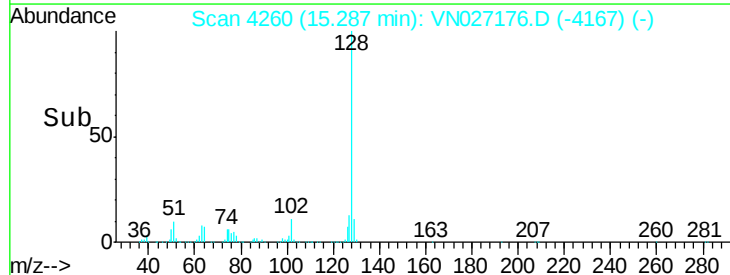
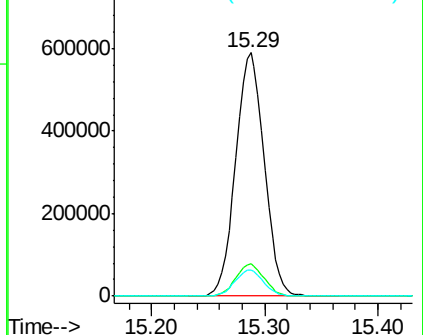
129 10.8 8.6 12.8

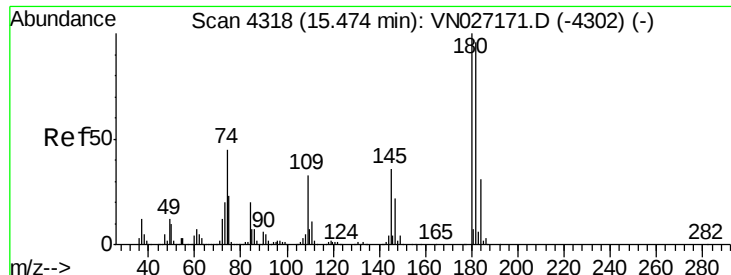


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 48.37 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027176.D
 Acq: 15 Sep 2015 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091515

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.8	146.4
145	35.3	16.6	49.8

