

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061318\
 Data File : VN049212.D
 Acq On : 13 Jun 2018 20:35
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 14 04:26:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	831566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1361343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1237550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	450872	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	73304	5.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.00%	
35) Dibromofluoromethane	7.59	113	57501	5.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.24%	
50) Toluene-d8	10.09	98	216520	4.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.98%	
62) 4-Bromofluorobenzene	12.40	95	63593	4.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	8.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	64680	5.29	ug/l	94
3) Chloromethane	2.06	50	62713	5.01	ug/l	100
4) Vinyl Chloride	2.18	62	64322	5.14	ug/l	99
5) Bromomethane	2.56	94	36805	5.36	ug/l	99
6) Chloroethane	2.70	64	44948	5.59	ug/l	96
7) Trichlorofluoromethane	3.02	101	91540	5.35	ug/l	98
8) Diethyl Ether	3.41	74	35225	5.90	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	60506	5.82	ug/l	96
10) Methyl Iodide	3.95	142	42508	4.27	ug/l	98
11) Tert butyl alcohol	4.80	59	19726	26.29	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	55909	5.85	ug/l	95
13) Acrolein	3.61	56	39500	57.12	ug/l	96
14) Allyl chloride	4.32	41	100839	5.52	ug/l	89
15) Acrylonitrile	5.00	53	104125	25.80	ug/l #	93
16) Acetone	3.82	43	84169	26.88	ug/l	93
17) Carbon Disulfide	4.05	76	188295	5.95	ug/l	98
18) Methyl Acetate	4.33	43	67675	6.70	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	139992	4.94	ug/l	99
20) Methylene Chloride	4.55	84	70931	6.09	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	60670	5.57	ug/l	98
22) Diisopropyl ether	5.95	45	200024	5.15	ug/l	92
23) Vinyl Acetate	5.90	43	611435	23.10	ug/l	99
24) 1,1-Dichloroethane	5.85	63	124261	5.61	ug/l	98
25) 2-Butanone	6.85	43	117667	24.78	ug/l	95
26) 2,2-Dichloropropane	6.82	77	91273	5.21	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	66686	5.47	ug/l	97
28) Bromochloromethane	7.20	49	57231	5.93	ug/l	96
29) Tetrahydrofuran	7.22	42	69291	22.75	ug/l	100
30) Chloroform	7.37	83	118728	5.52	ug/l	97
31) Cyclohexane	7.65	56	112381	5.51	ug/l #	89
32) 1,1,1-Trichloroethane	7.57	97	100133	5.45	ug/l	99
36) 1,1-Dichloropropene	7.80	75	85207	5.00	ug/l	98
37) Ethyl Acetate	6.94	43	55450	5.08	ug/l #	93
38) Carbon Tetrachloride	7.77	117	85006	5.08	ug/l	99

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 Data File : VN049212.D
 Acq On : 13 Jun 2018 20:35
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 14 04:26:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	82590	4.64	ug/l	92
40) Benzene	8.04	78	265568	5.20	ug/l	98
41) Methacrylonitrile	7.18	41	19366	3.22	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	85686	5.16	ug/l	97
43) Isopropyl Acetate	8.17	43	103201	4.95	ug/l #	94
44) Trichloroethene	8.84	130	66516	5.32	ug/l	96
45) 1,2-Dichloropropane	9.12	63	72626	5.20	ug/l	97
46) Dibromomethane	9.21	93	40184	5.16	ug/l	96
47) Bromodichloromethane	9.41	83	90777	5.26	ug/l	98
48) Methyl methacrylate	9.20	41	44971	4.52	ug/l	96
49) 1,4-Dioxane	9.21	88	10672	95.59	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	254745	23.14	ug/l	99
52) Toluene	10.16	92	148351	4.85	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	78724	4.57	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	91258	4.56	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	56893	5.22	ug/l	99
56) Ethyl methacrylate	10.43	69	58997	4.17	ug/l	95
57) 1,3-Dichloropropane	10.71	76	95112	5.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	90715	19.38	ug/l	98
59) 2-Hexanone	10.75	43	151061	21.32	ug/l	99
60) Dibromochloromethane	10.90	129	59125	4.86	ug/l	99
61) 1,2-Dibromoethane	11.01	107	50214	4.92	ug/l	98
64) Tetrachloroethene	10.63	164	65897	5.51	ug/l	96
65) Chlorobenzene	11.44	112	164963	5.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	62634	5.27	ug/l	99
67) Ethyl Benzene	11.51	91	261174	4.61	ug/l	97
68) m/p-Xylenes	11.62	106	186680	8.87	ug/l	97
69) o-Xylene	11.95	106	92509	4.57	ug/l	95
70) Styrene	11.97	104	131925	4.06	ug/l	98
71) Bromoform	12.13	173	37562	4.83	ug/l #	99
73) Isopropylbenzene	12.25	105	239532	5.73	ug/l	99
74) N-amyl acetate	12.07	43	61383	4.94	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	66846	6.55	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	79233	9.13	ug/l #	100
77) Bromobenzene	12.53	156	57704	5.88	ug/l	96
78) n-propylbenzene	12.59	91	245524	5.14	ug/l	99
79) 2-Chlorotoluene	12.68	91	167608	5.78	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	179141	5.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	14604	5.36	ug/l	97
82) 4-Chlorotoluene	12.78	91	153465	5.38	ug/l	99
83) tert-Butylbenzene	13.00	119	152631	5.42	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	169713	5.03	ug/l	97
85) sec-Butylbenzene	13.17	105	201809	5.27	ug/l	99
86) p-Isopropyltoluene	13.29	119	157673	4.95	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	87396	5.17	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	85273	5.21	ug/l	95
89) n-Butylbenzene	13.62	91	109961	4.27	ug/l	98
90) Hexachloroethane	13.88	117	41604	6.10	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	86224	5.31	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	7936	5.39	ug/l	98

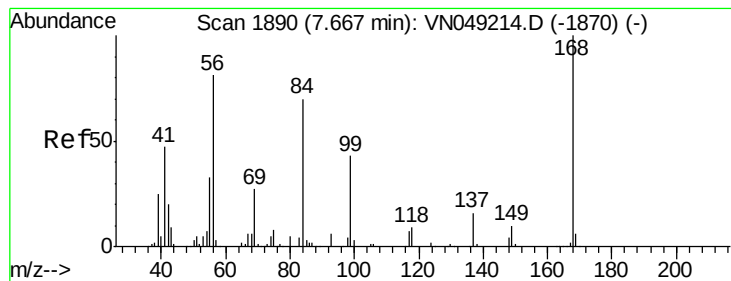
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061318\
Data File : VN049212.D
Acq On : 13 Jun 2018 20:35
Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Jun 14 04:26:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 04:25:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	21001	3.27	ug/l	96
94) Hexachlorobutadiene	15.01	225	30784	6.28	ug/l	94
95) Naphthalene	15.14	128	47817	3.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	23133	3.53	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

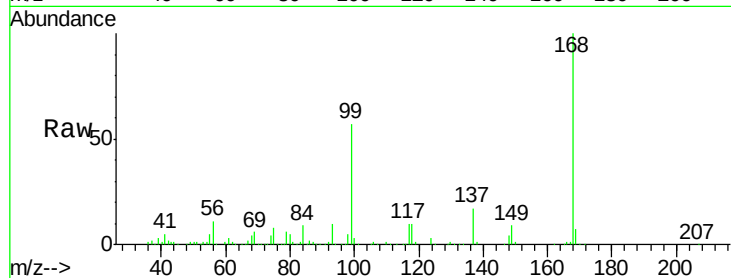
VSTDIC005

Tgt Ion:168 Resp: 831566

Ion Ratio Lower Upper

168 100

99 56.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

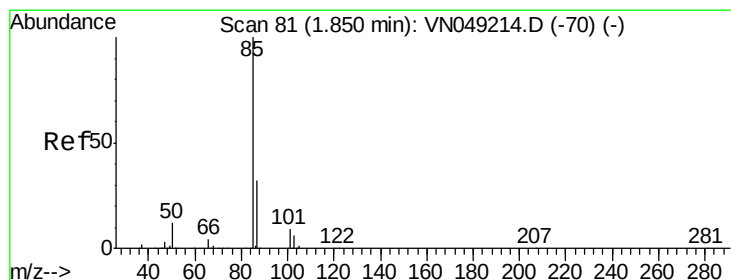
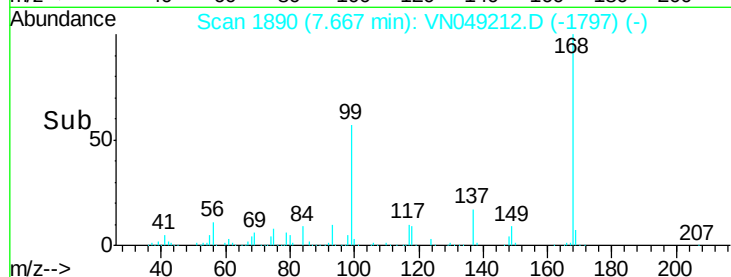
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 5.29 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049212.D

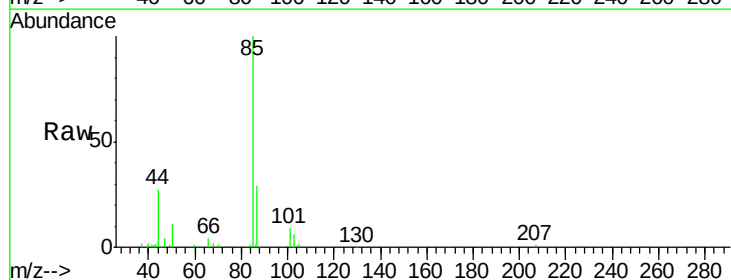
Acq: 13 Jun 2018 20:35

Tgt Ion: 85 Resp: 64680

Ion Ratio Lower Upper

85 100

87 29.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

50000

40000

30000

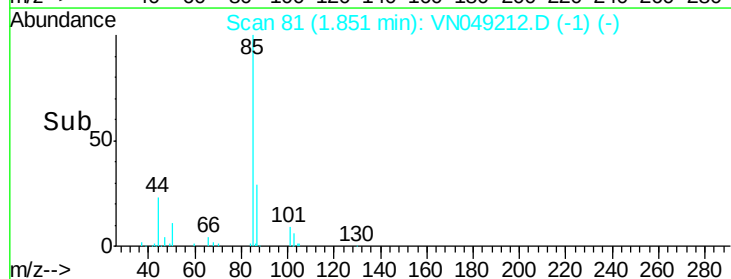
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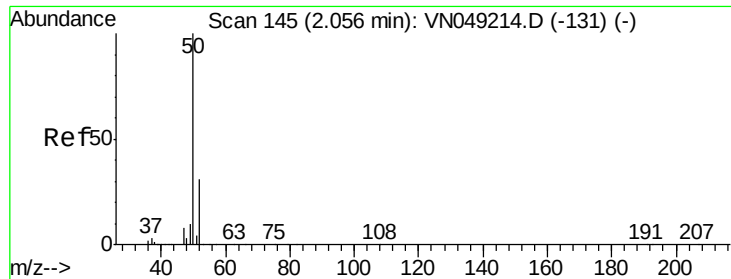
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 5.01 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

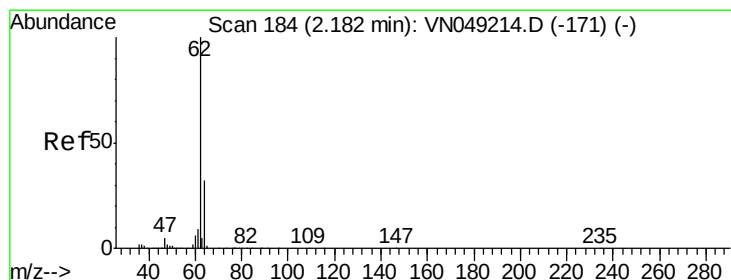
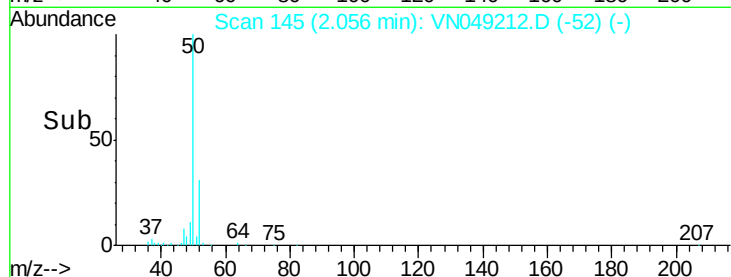
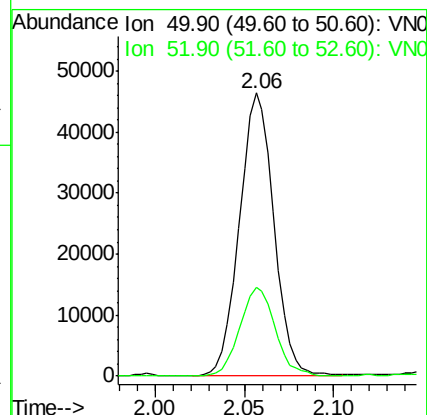
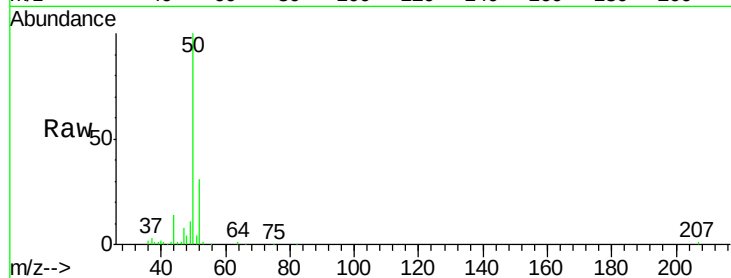
VSTDIC005

Tgt Ion: 50 Resp: 62713

Ion Ratio Lower Upper

50 100

52 31.3 25.2 37.8



#4

Vinyl Chloride

Concen: 5.14 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049212.D

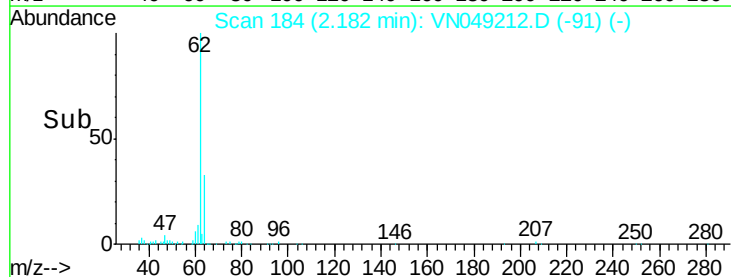
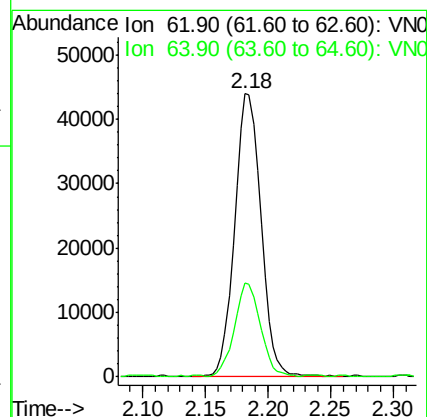
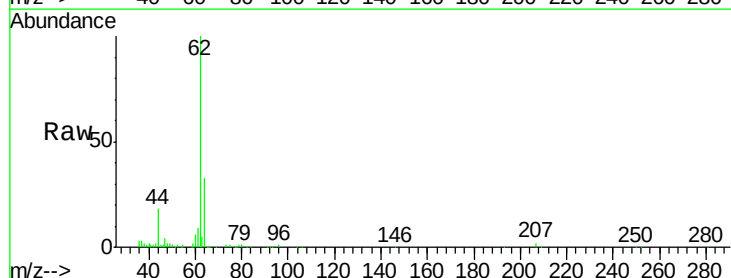
Acq: 13 Jun 2018 20:35

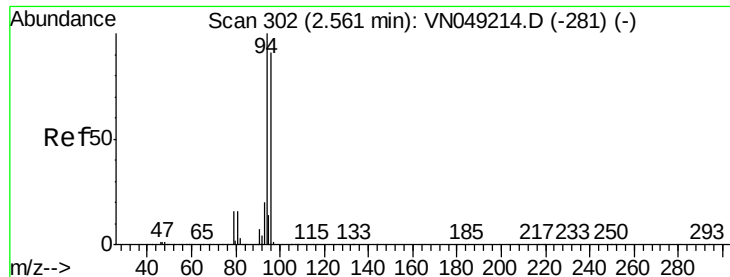
Tgt Ion: 62 Resp: 64322

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 5.36 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

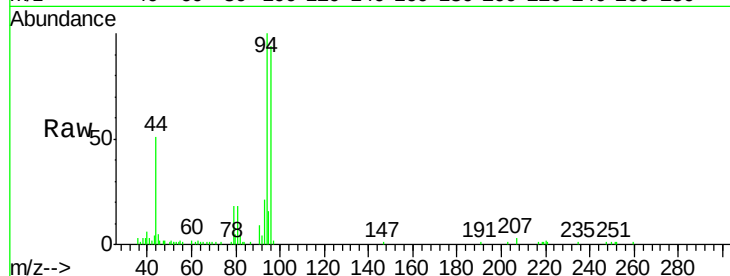
VSTDIC005

Tgt Ion: 94 Resp: 36805

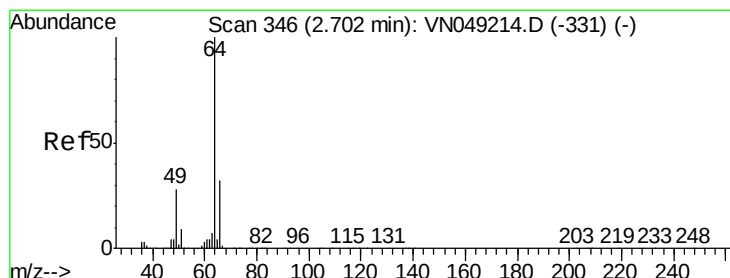
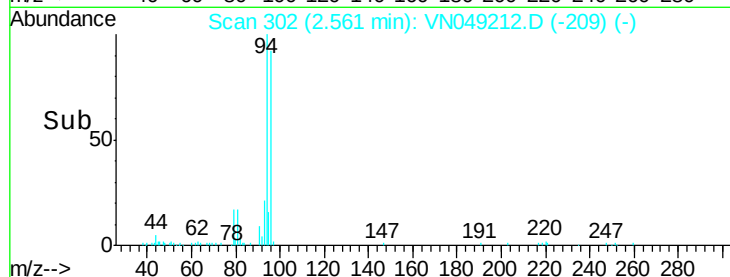
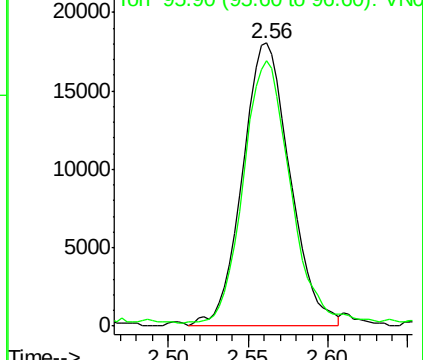
Ion Ratio Lower Upper

94 100

96 91.9 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049212.D (-281) (-)



#6

Chloroethane

Concen: 5.59 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049212.D

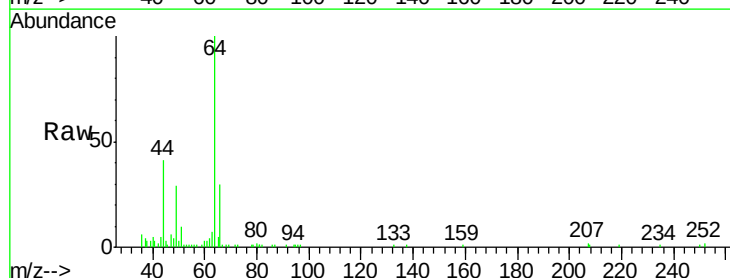
Acq: 13 Jun 2018 20:35

Tgt Ion: 64 Resp: 44948

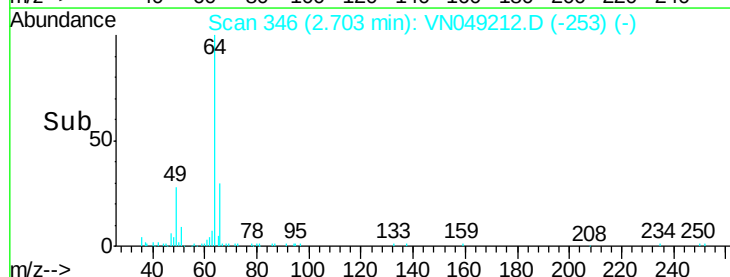
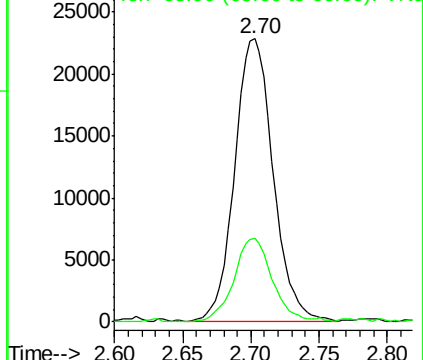
Ion Ratio Lower Upper

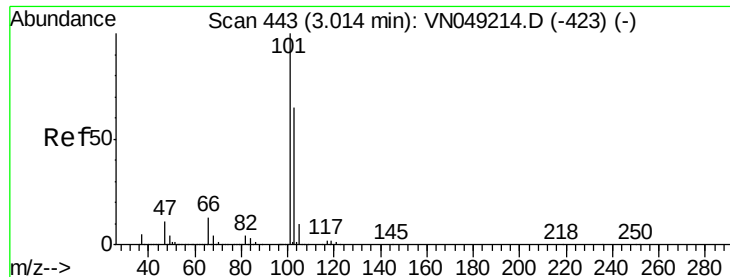
64 100

66 29.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN049212.D (-331) (-)





#7

Trichlorofluoromethane

Concen: 5.35 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

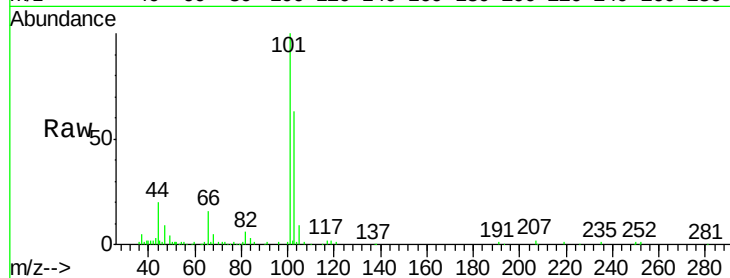
VSTDIC005

Tgt Ion:101 Resp: 91540

Ion Ratio Lower Upper

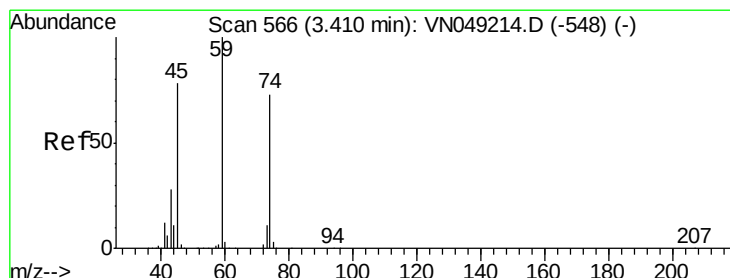
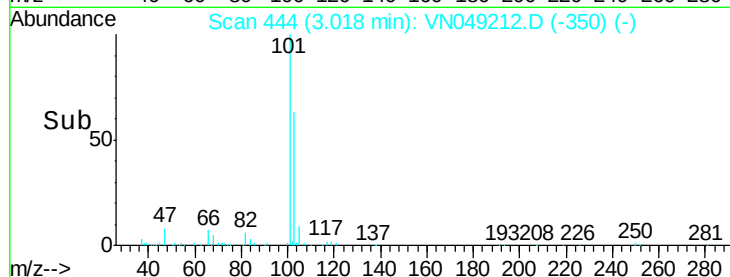
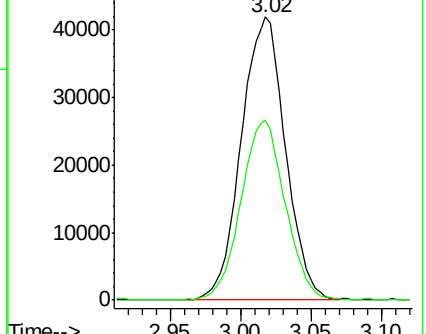
101 100

103 62.9 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.90 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049212.D

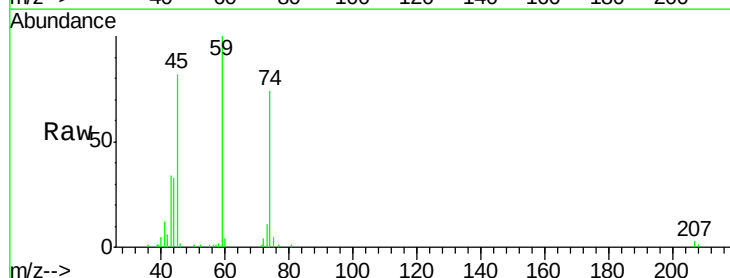
Acq: 13 Jun 2018 20:35

Tgt Ion: 74 Resp: 35225

Ion Ratio Lower Upper

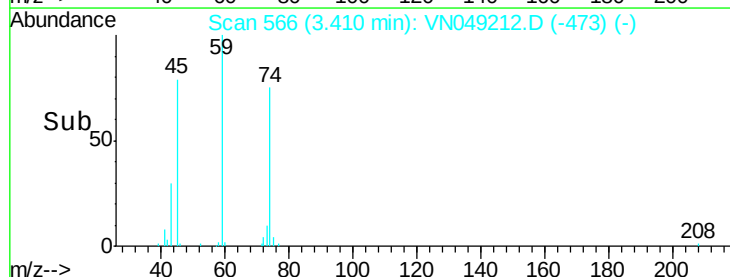
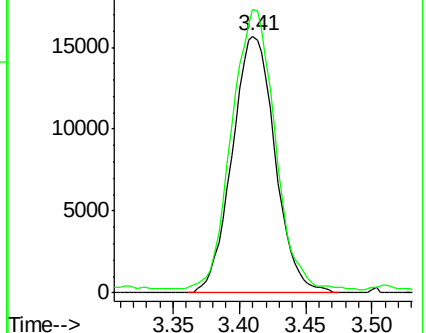
74 100

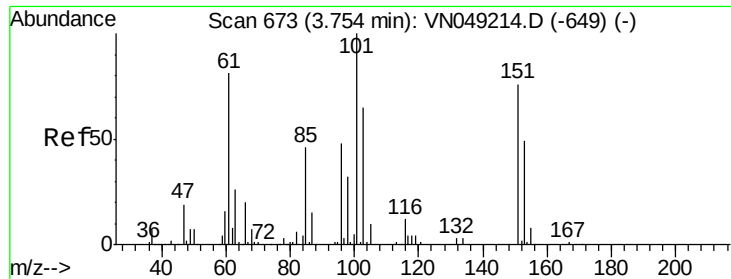
45 110.3 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.82 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

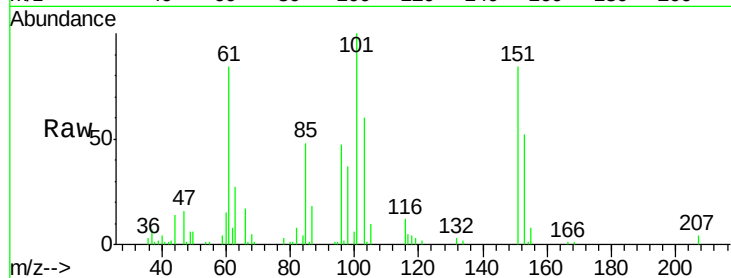
Tgt Ion:101 Resp: 60506

Ion Ratio Lower Upper

101 100

85 45.9 37.6 56.4

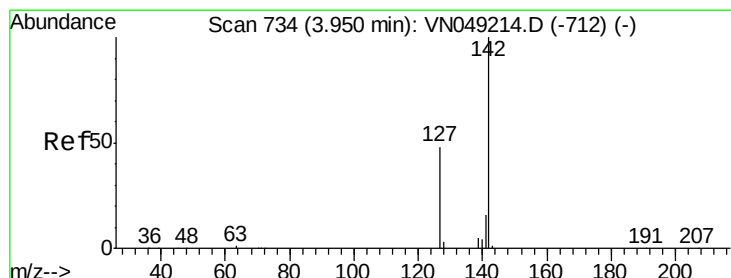
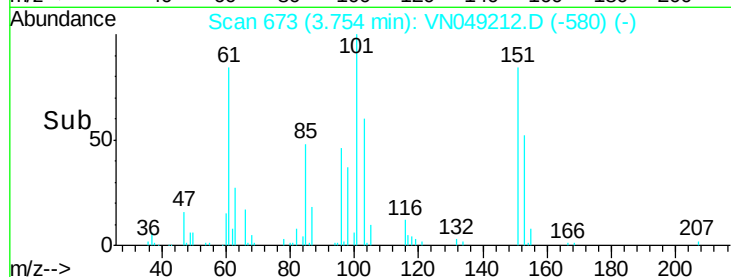
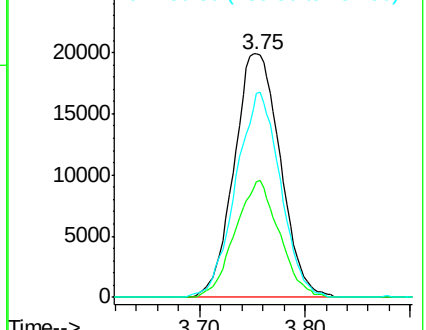
151 81.2 61.1 91.7



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



#10

Methyl Iodide

Concen: 4.27 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

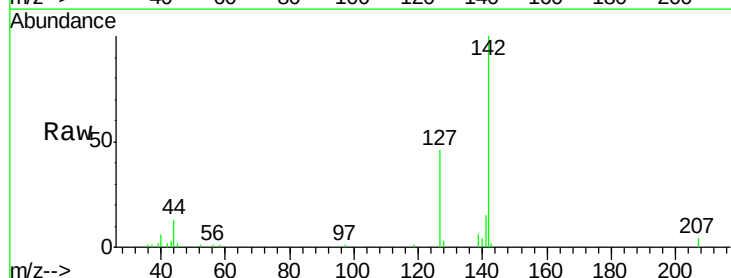
Tgt Ion:142 Resp: 42508

Ion Ratio Lower Upper

142 100

127 46.6 38.2 57.4

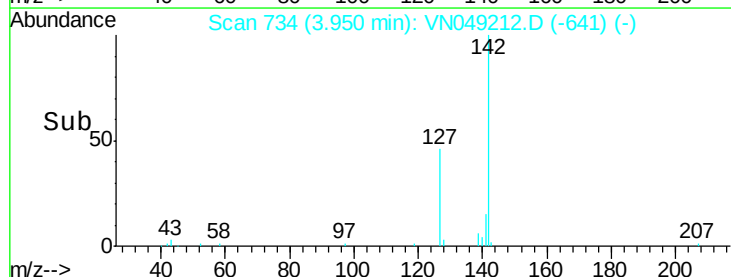
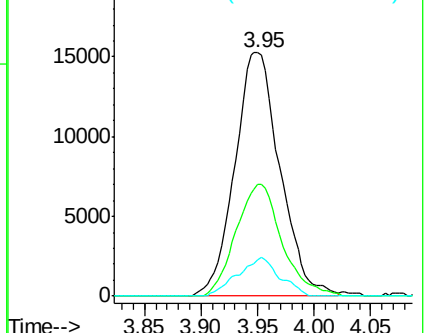
141 14.7 11.9 17.9

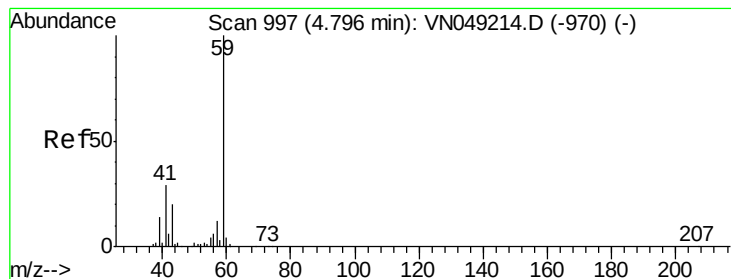


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 26.29 ug/l

RT: 4.80 min Scan# 999

Delta R.T. 0.01 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

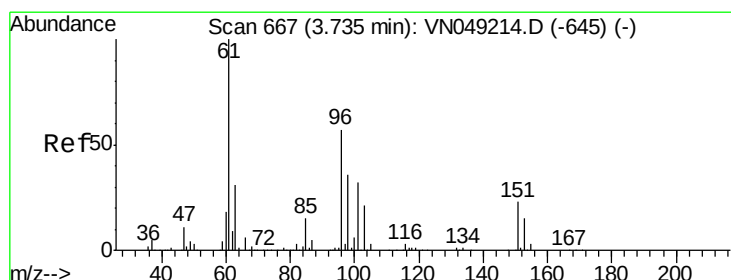
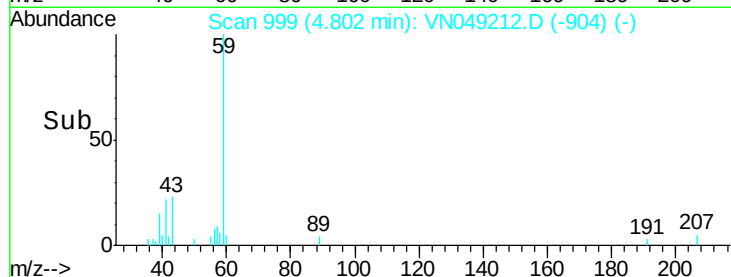
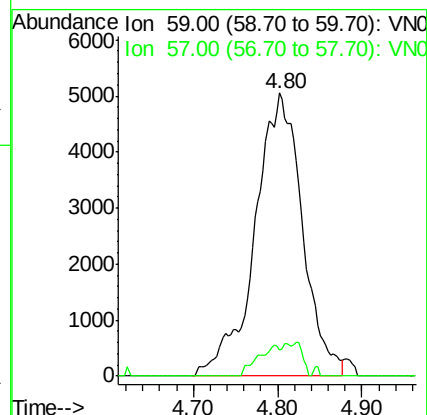
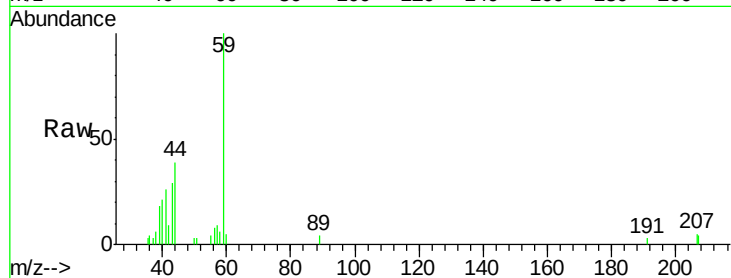
VSTDIC005

Tgt Ion: 59 Resp: 19726

Ion Ratio Lower Upper

59 100

57 5.0 9.0 13.6#



#12

1,1-Dichloroethene

Concen: 5.85 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

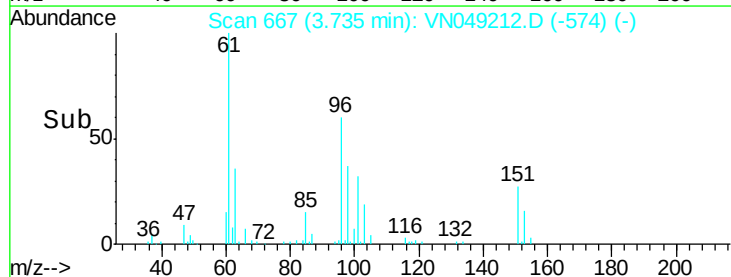
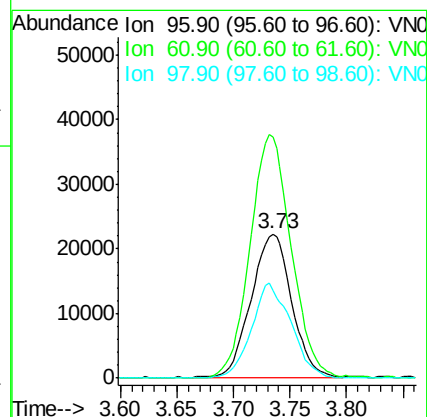
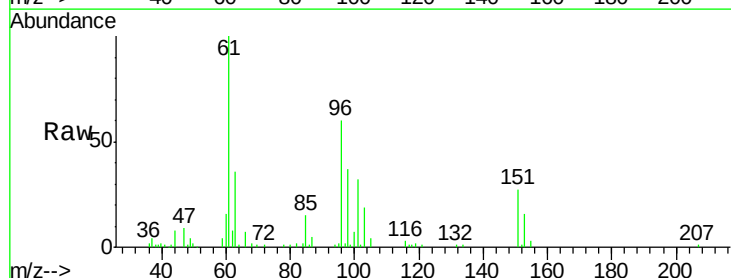
Tgt Ion: 96 Resp: 55909

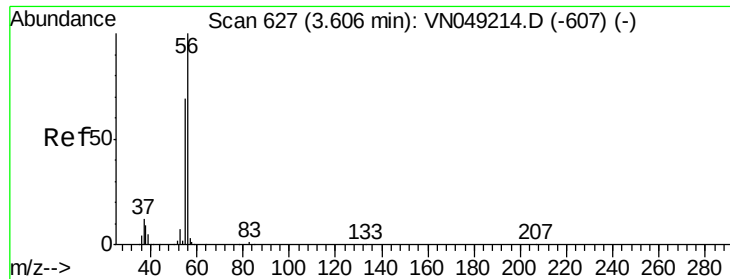
Ion Ratio Lower Upper

96 100

61 167.6 141.0 211.4

98 61.3 50.4 75.6





#13

Acrolein

Concen: 57.12 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

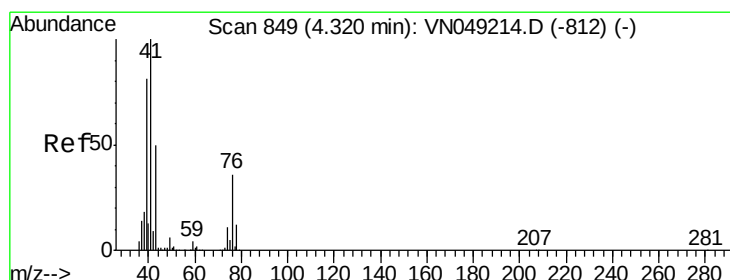
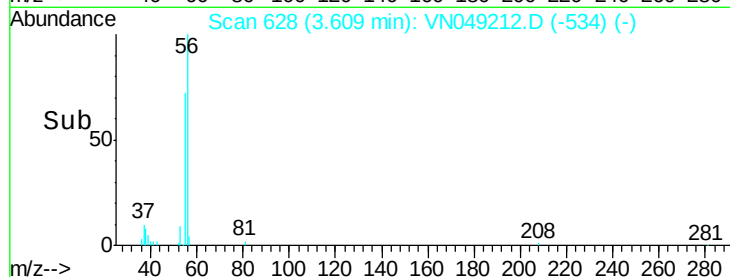
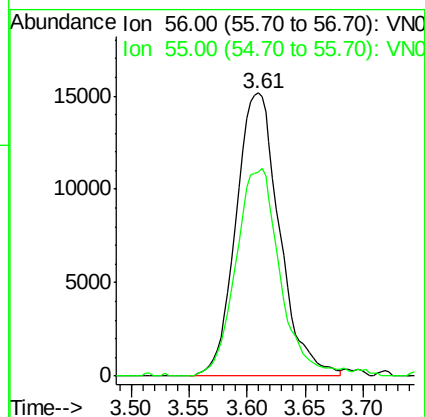
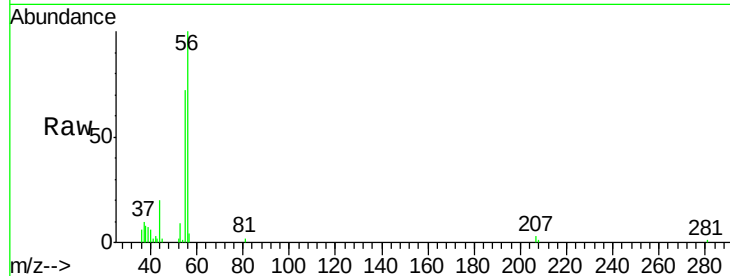
VSTDIC005

Tgt Ion: 56 Resp: 39500

Ion Ratio Lower Upper

56 100

55 74.7 57.1 85.7



#14

Allyl chloride

Concen: 5.52 ug/l

RT: 4.32 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

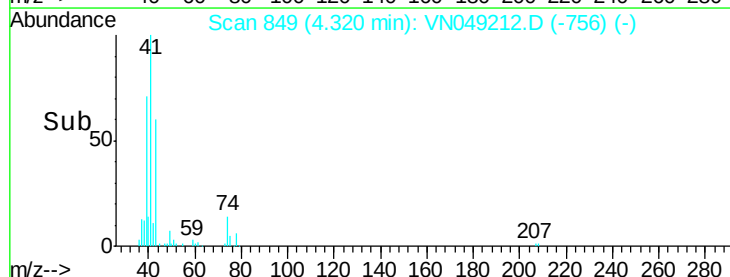
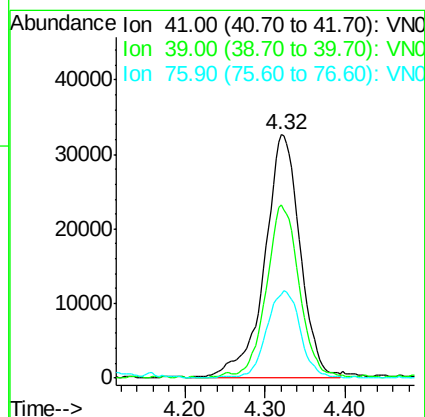
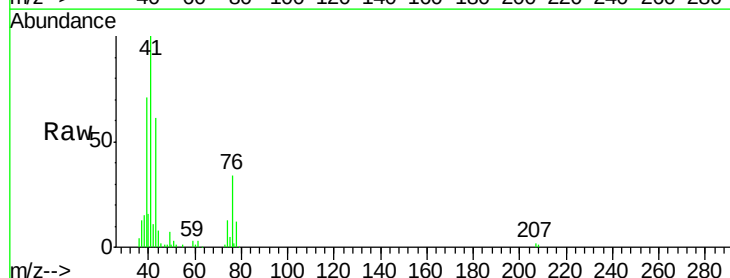
Tgt Ion: 41 Resp: 100839

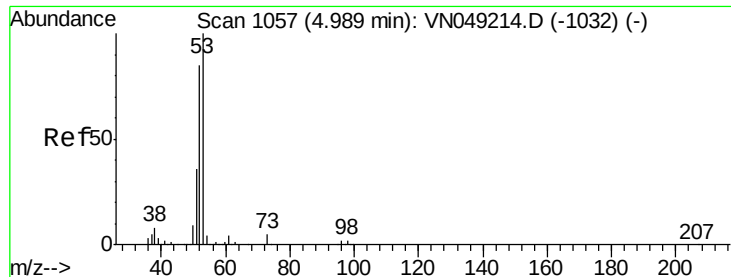
Ion Ratio Lower Upper

41 100

39 64.6 62.5 93.7

76 33.7 27.1 40.7





#15

Acrylonitrile

Concen: 25.80 ug/l

RT: 5.00 min Scan# 1060

Delta R.T. 0.01 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

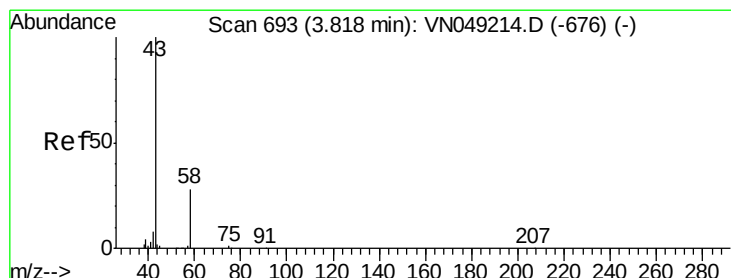
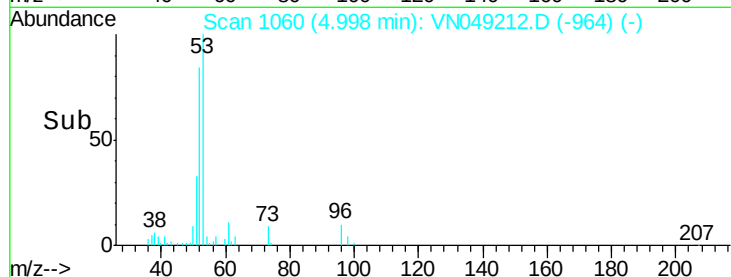
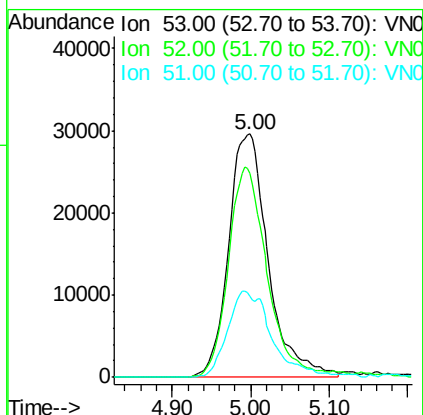
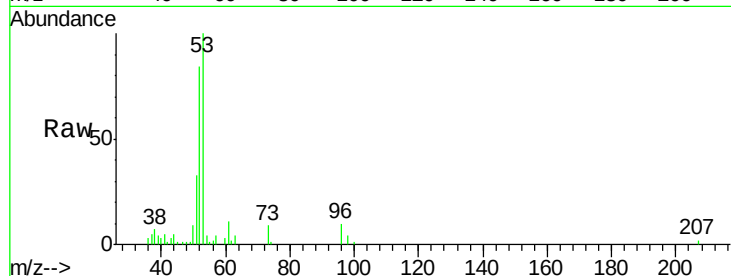
Tgt Ion: 53 Resp: 104125

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

51 23.1 29.8 44.8#



#16

Acetone

Concen: 26.88 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049212.D

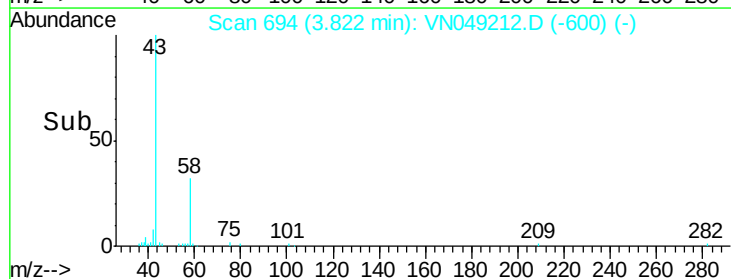
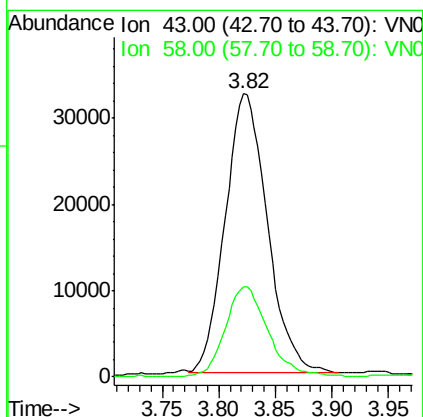
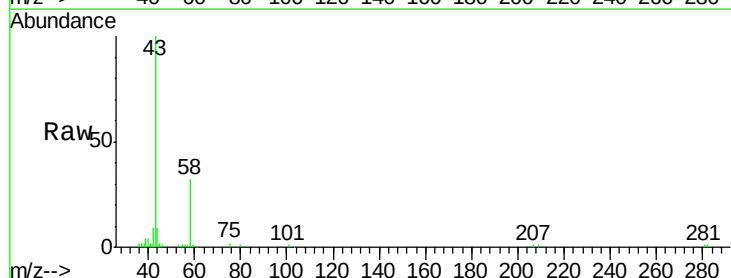
Acq: 13 Jun 2018 20:35

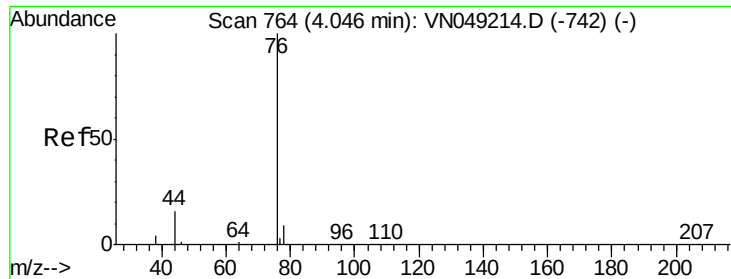
Tgt Ion: 43 Resp: 84169

Ion Ratio Lower Upper

43 100

58 31.6 22.4 33.6

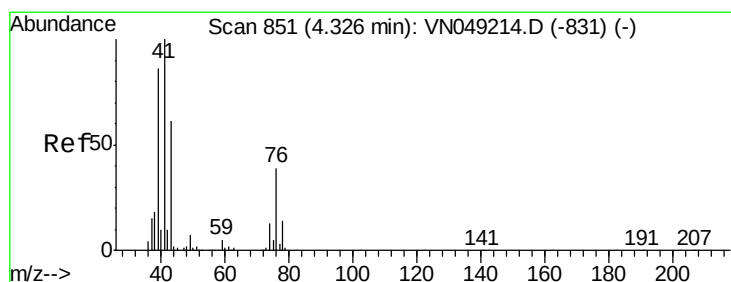
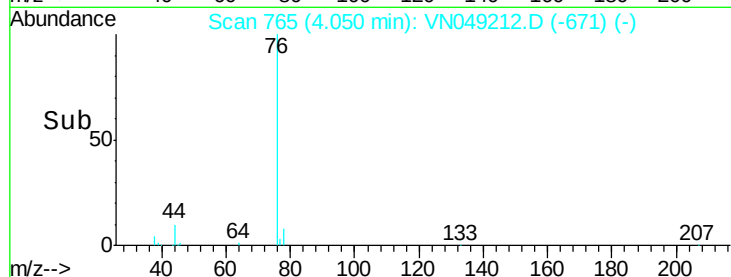
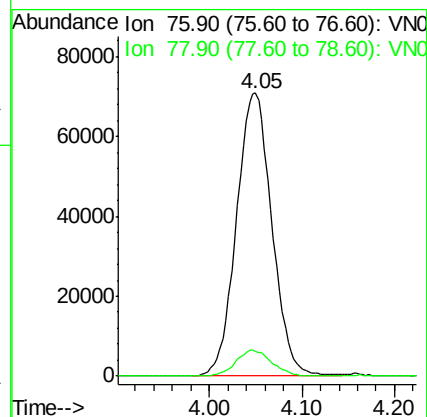
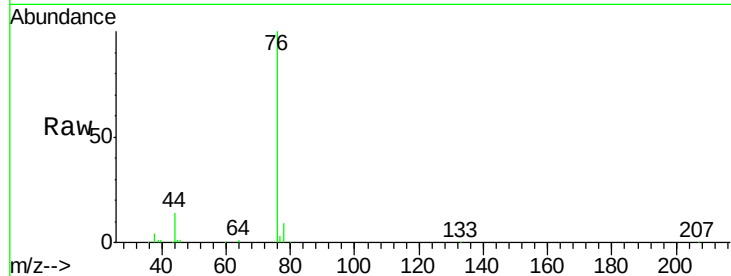




#17
Carbon Disulfide
Concen: 5.95 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

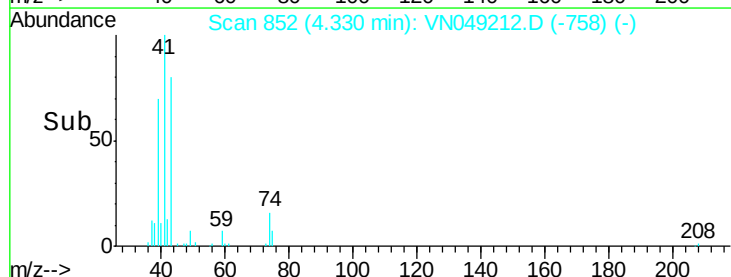
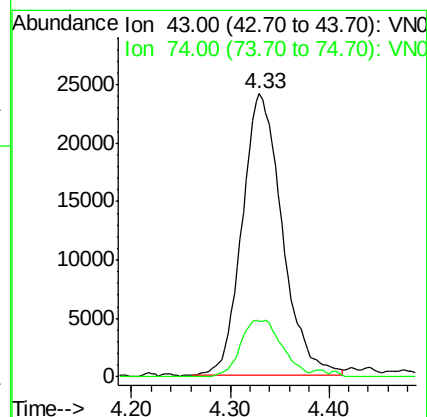
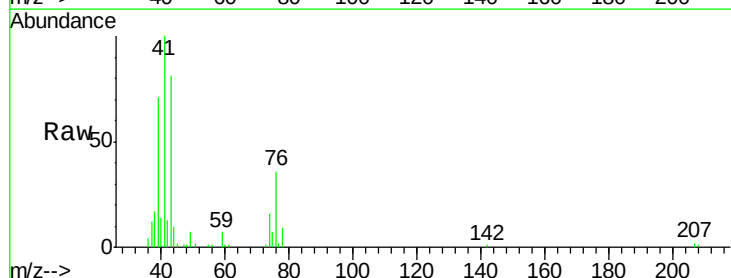
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

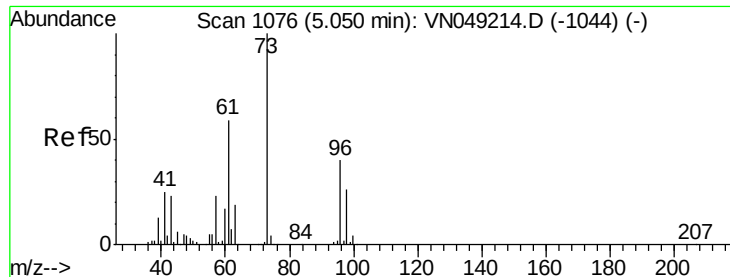
Tgt Ion: 76 Resp: 188295
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 6.70 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion: 43 Resp: 67675
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 4.94 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

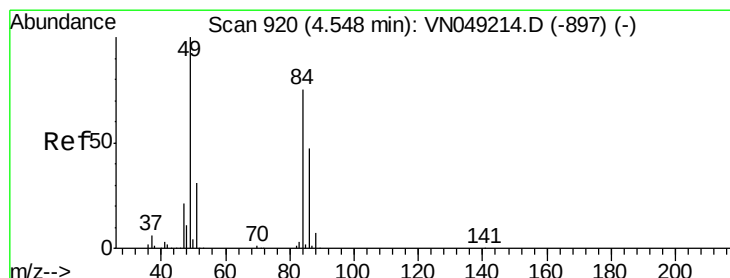
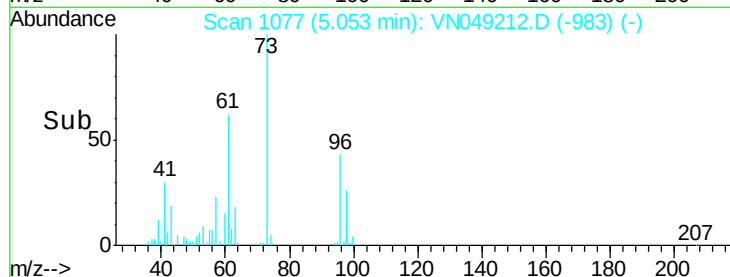
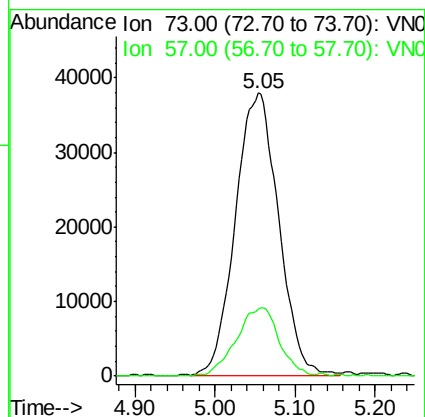
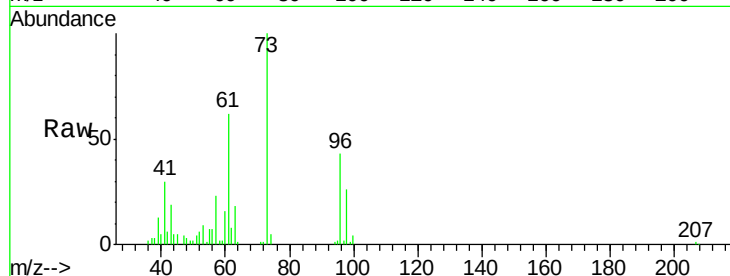
VSTDIC005

Tgt Ion: 73 Resp: 139992

Ion Ratio Lower Upper

73 100

57 23.5 18.2 27.4



#20

Methylene Chloride

Concen: 6.09 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Tgt Ion: 84 Resp: 70931

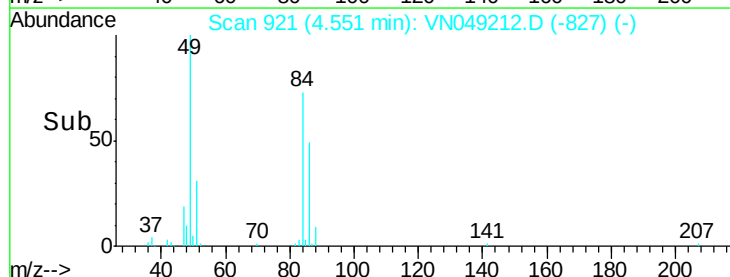
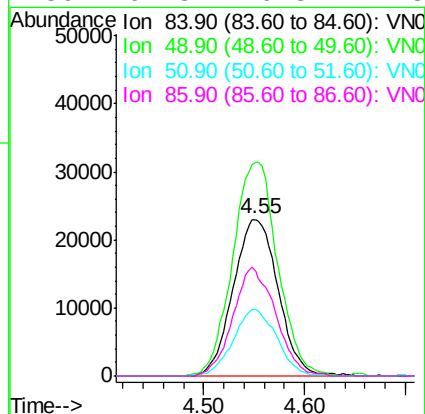
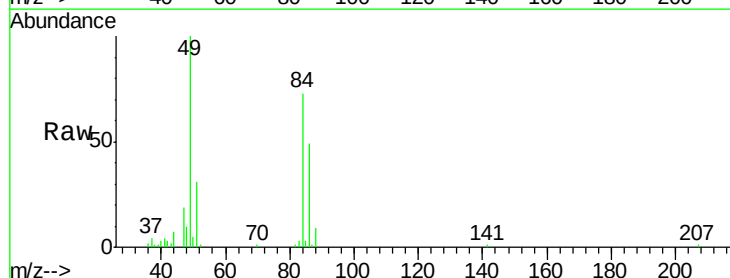
Ion Ratio Lower Upper

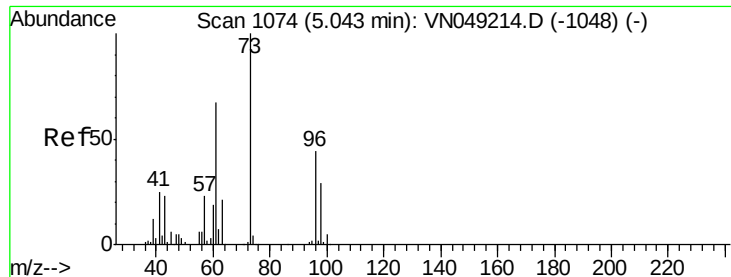
84 100

49 136.5 106.9 160.3

51 42.4 32.7 49.1

86 67.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 5.57 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

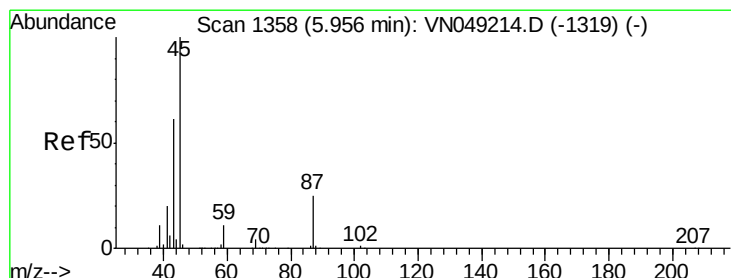
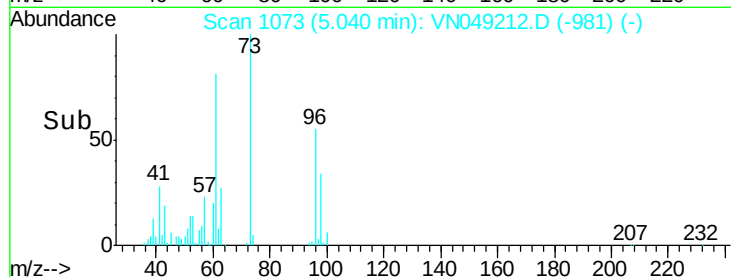
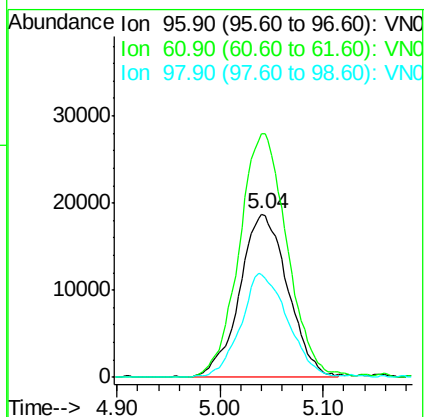
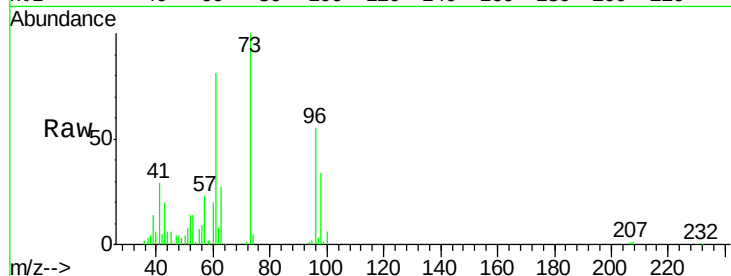
Tgt Ion: 96 Resp: 60670

Ion Ratio Lower Upper

96 100

61 148.8 121.3 181.9

98 62.6 52.0 78.0



#22

Diisopropyl ether

Concen: 5.15 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Tgt Ion: 45 Resp: 200024

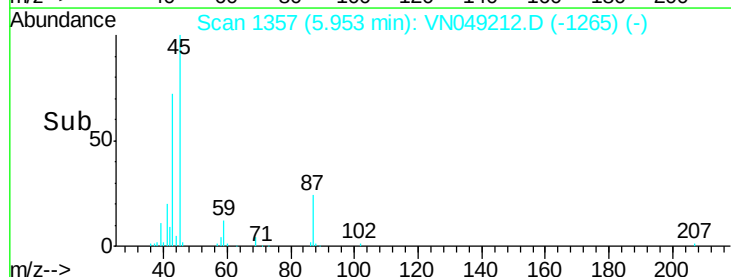
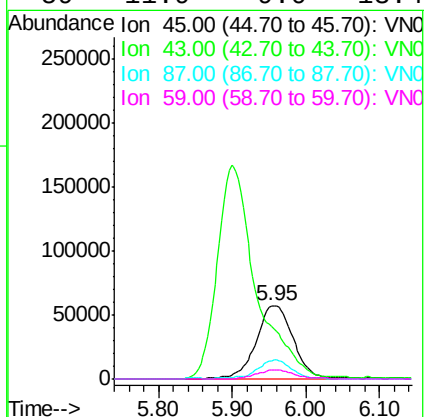
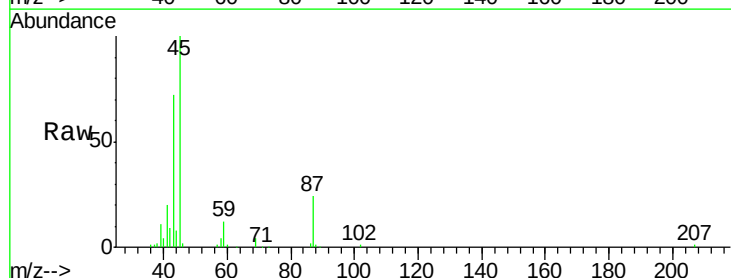
Ion Ratio Lower Upper

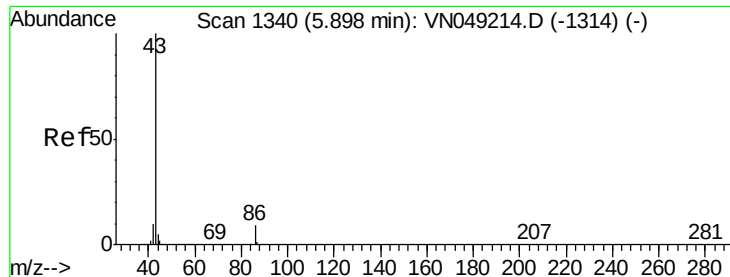
45 100

43 69.6 48.6 72.8

87 23.7 20.2 30.2

59 11.9 9.0 13.4

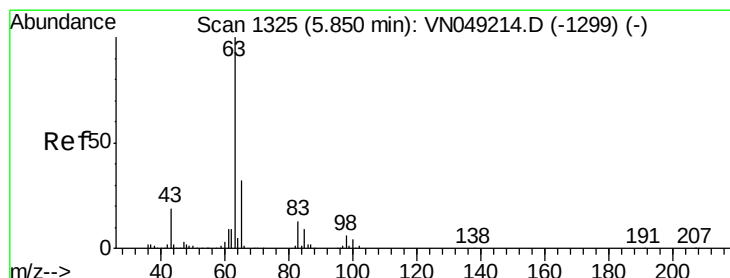
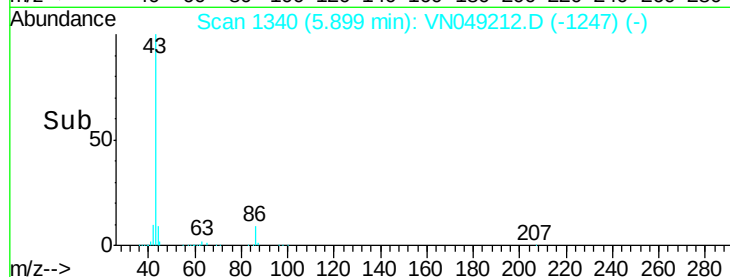
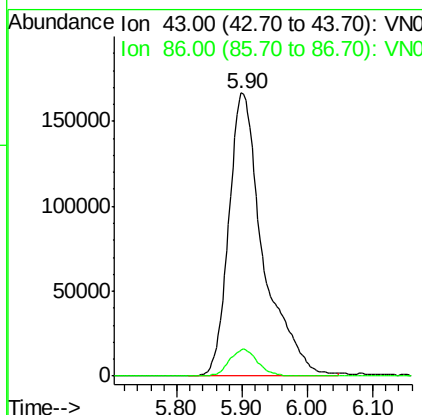
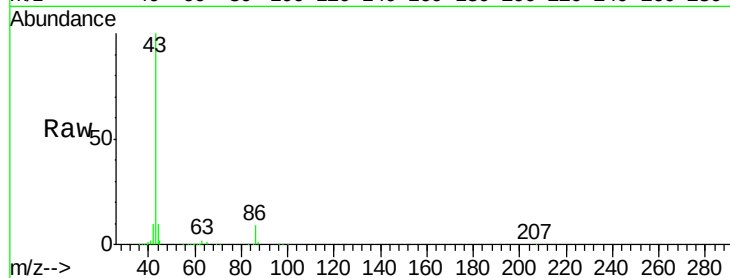




#23
 Vinyl Acetate
 Concen: 23.10 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

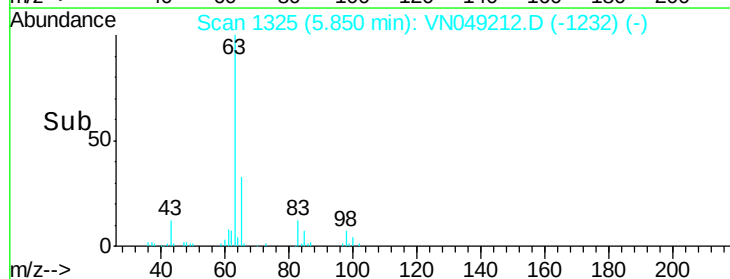
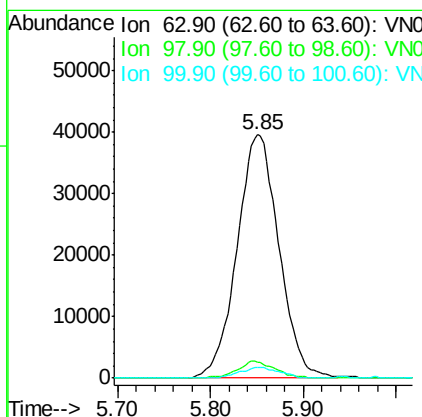
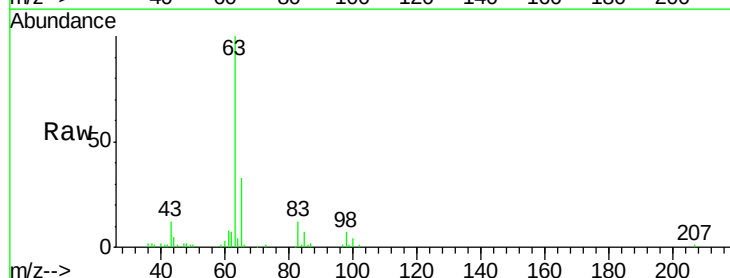
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

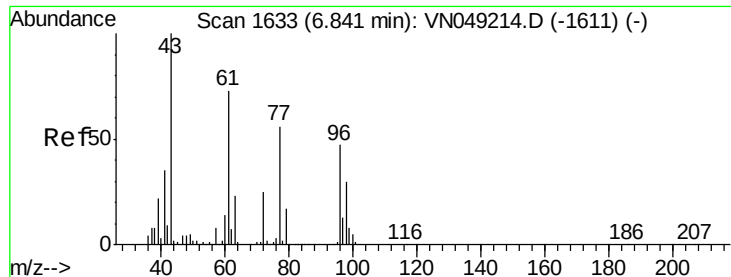
Tgt Ion: 43 Resp: 611435
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 5.61 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

Tgt Ion: 63 Resp: 124261
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.8
 100 4.5 2.1 6.3

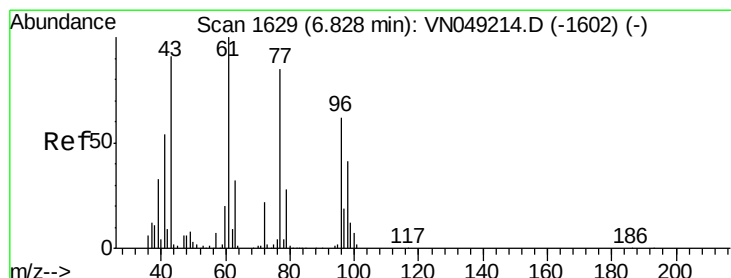
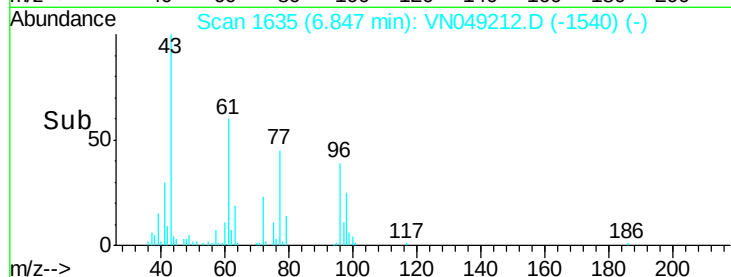
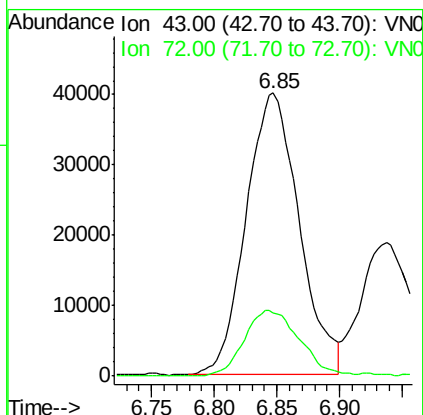
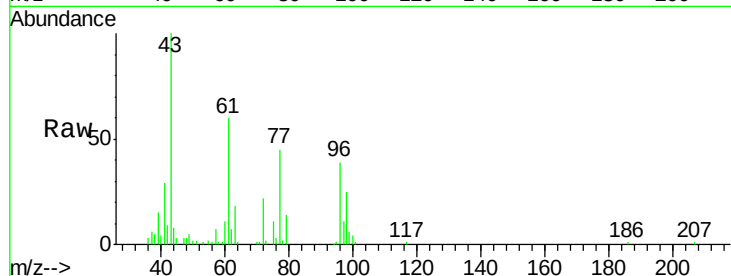




#25
2-Butanone
Concen: 24.78 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

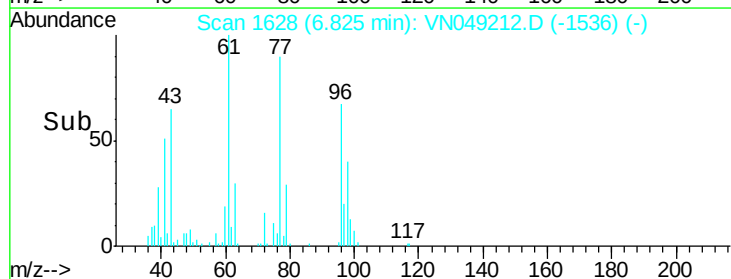
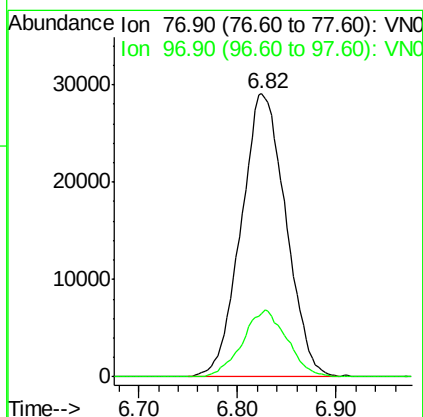
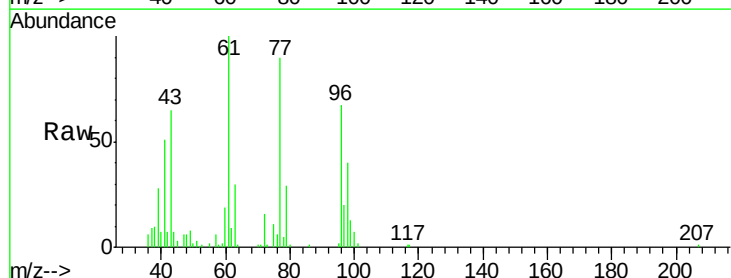
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

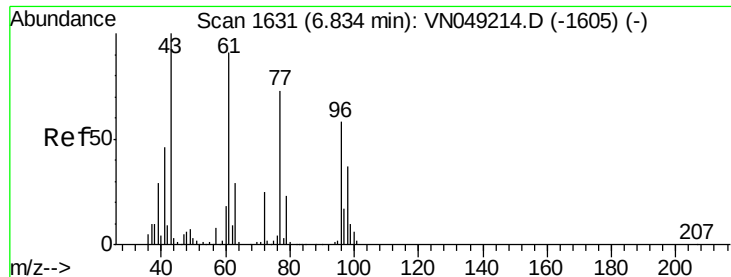
Tgt Ion: 43 Resp: 117667
Ion Ratio Lower Upper
43 100
72 22.6 20.2 30.2



#26
2,2-Dichloropropane
Concen: 5.21 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion: 77 Resp: 91273
Ion Ratio Lower Upper
77 100
97 23.5 11.0 33.0

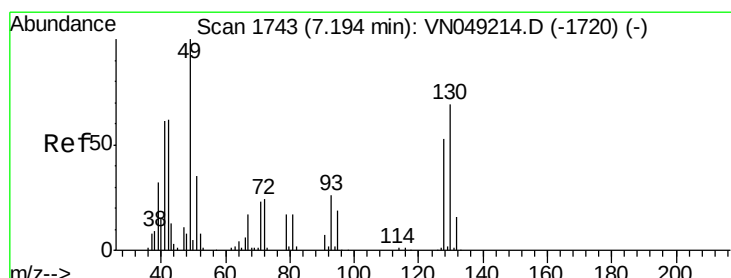
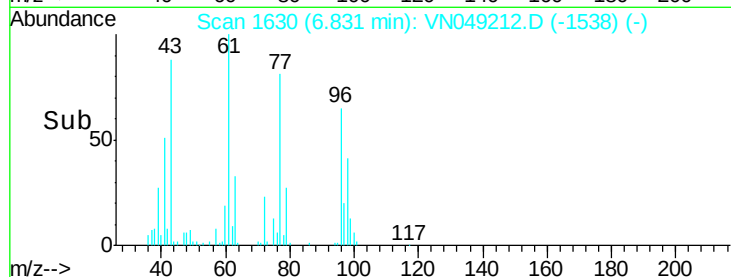
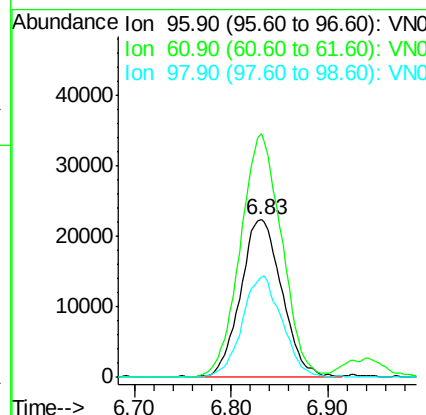
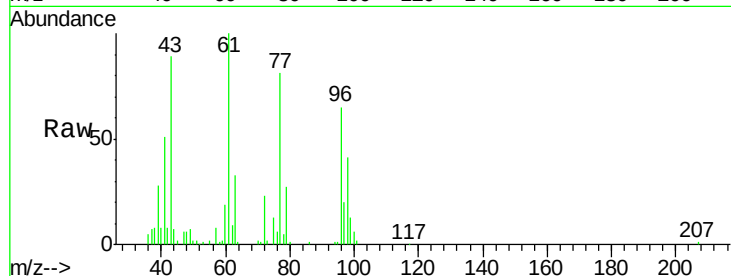




#27
 cis-1,2-Dichloroethene
 Concen: 5.47 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

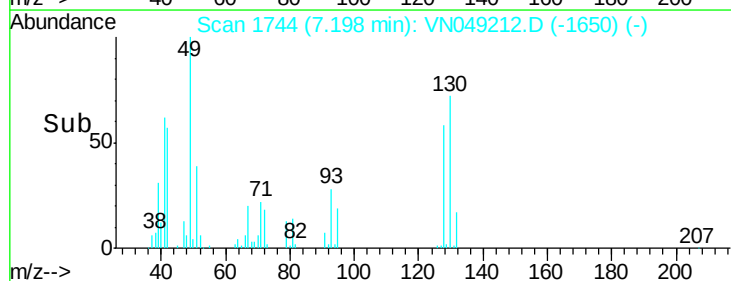
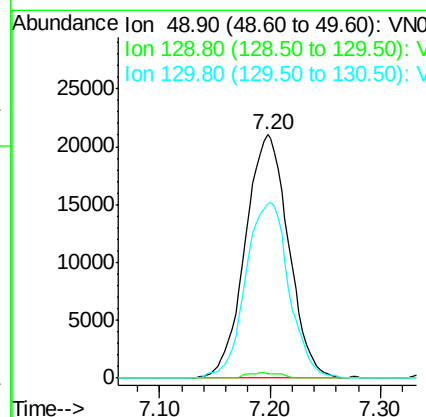
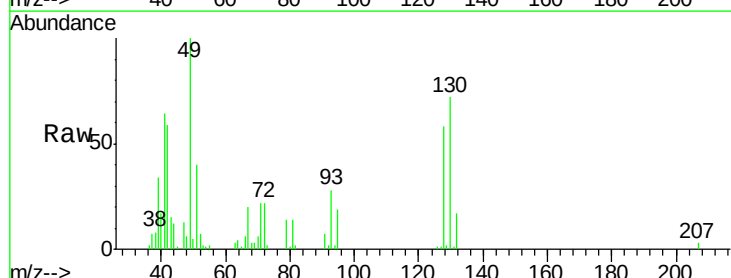
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

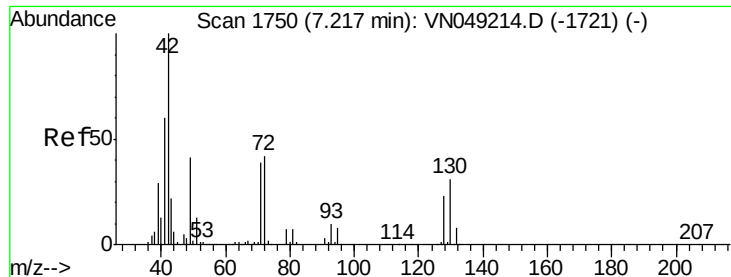
Tgt Ion: 96 Resp: 66686
 Ion Ratio Lower Upper
 96 100
 61 154.0 0.0 316.4
 98 61.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 5.93 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

Tgt Ion: 49 Resp: 57231
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 72.2 54.9 82.3

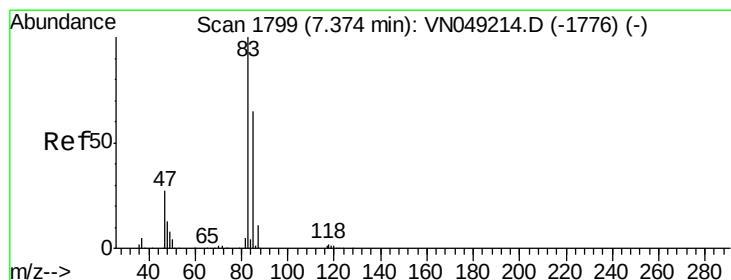
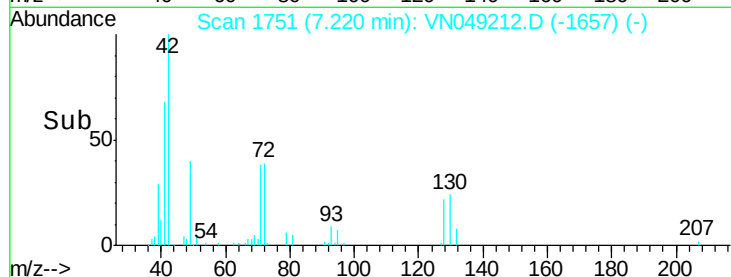
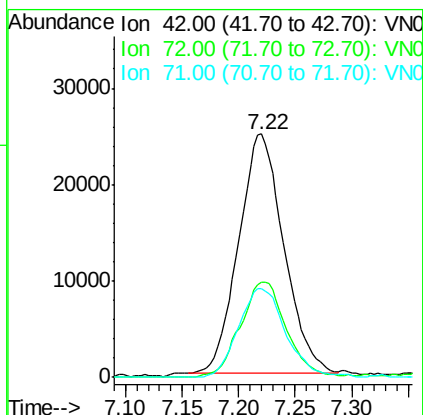
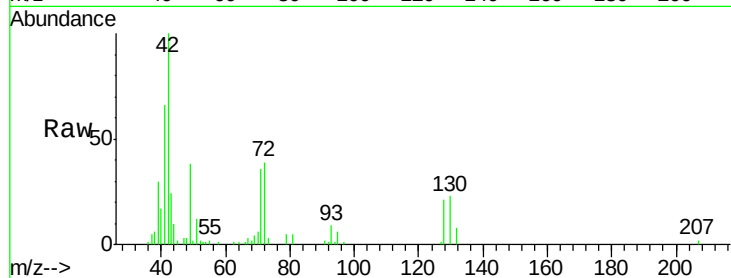




#29
Tetrahydrofuran
Concen: 22.75 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

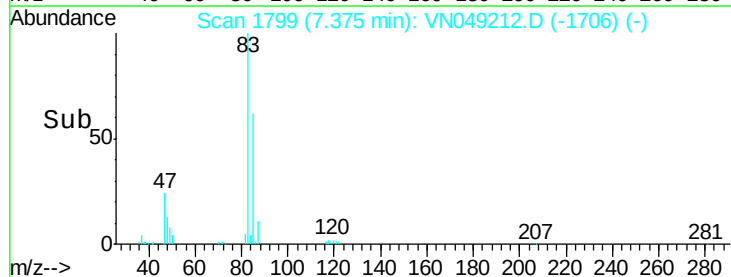
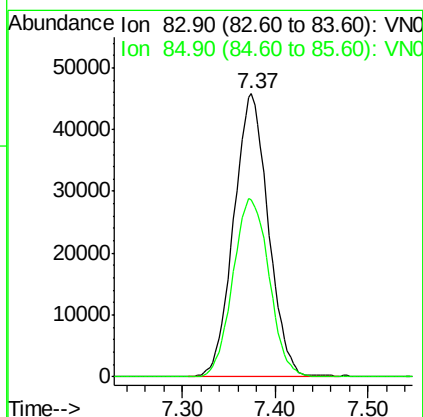
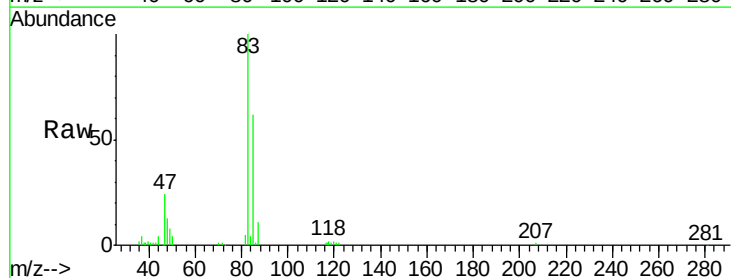
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

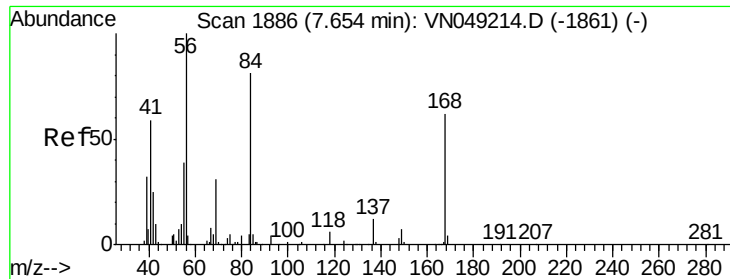
Tgt Ion: 42 Resp: 69291
Ion Ratio Lower Upper
42 100
72 40.4 32.2 48.4
71 38.3 30.5 45.7



#30
Chloroform
Concen: 5.52 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion: 83 Resp: 118728
Ion Ratio Lower Upper
83 100
85 62.5 51.7 77.5

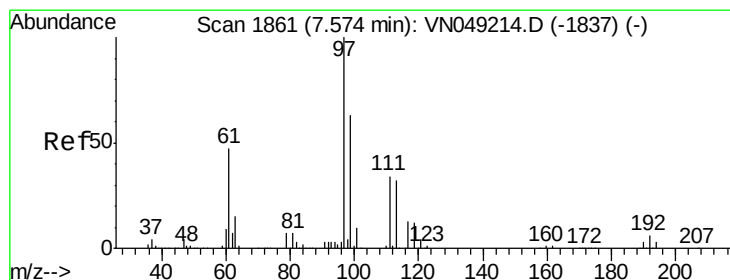
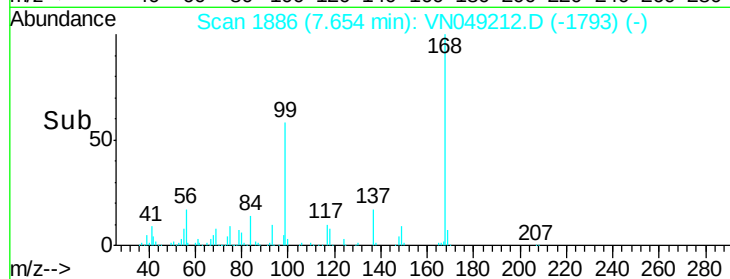
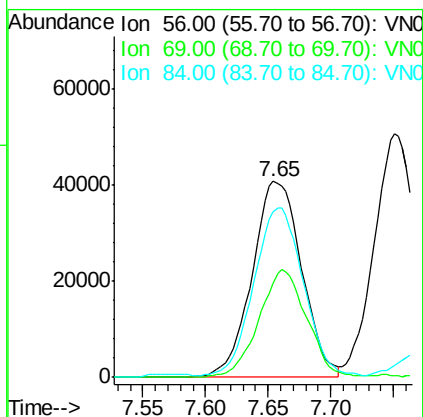
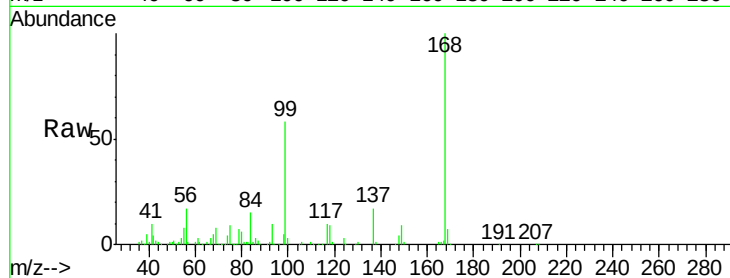




#31
Cyclohexane
Concen: 5.51 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

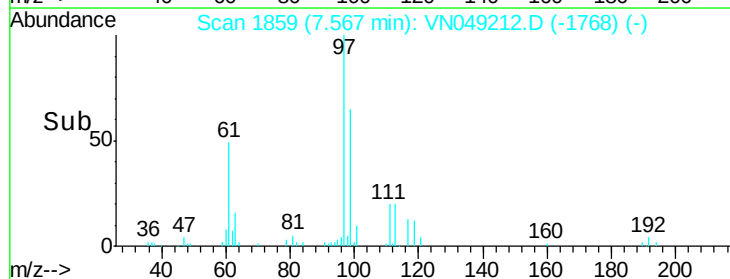
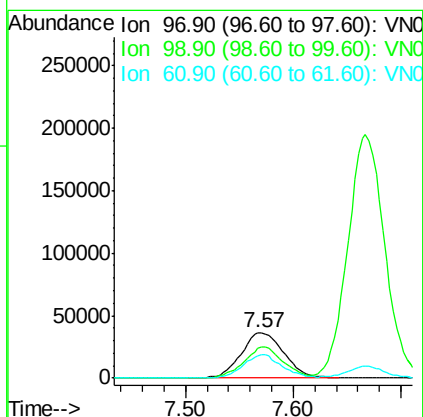
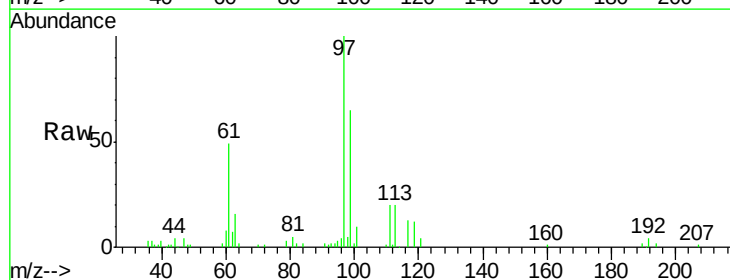
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

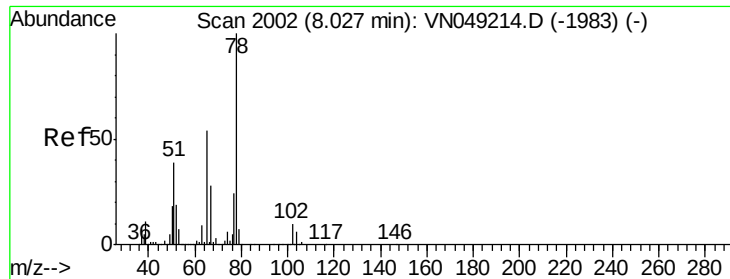
Tgt Ion	Resp	Lower	Upper
56	112381		
69	48.1	25.0	37.4#
84	83.4	64.6	96.8



#32
1,1,1-Trichloroethane
Concen: 5.45 ug/l
RT: 7.57 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion	Resp	Lower	Upper
97	100133		
99	63.2	50.5	75.7
61	46.6	37.9	56.9

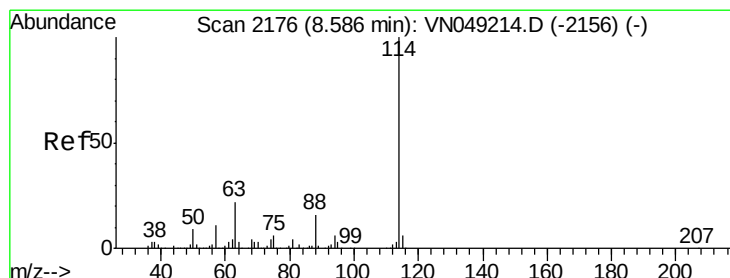
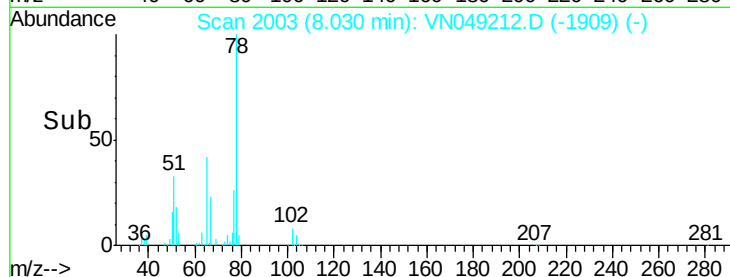
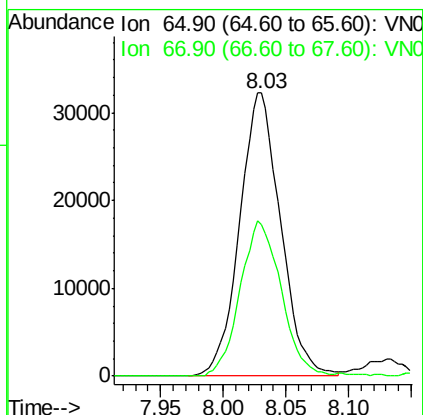
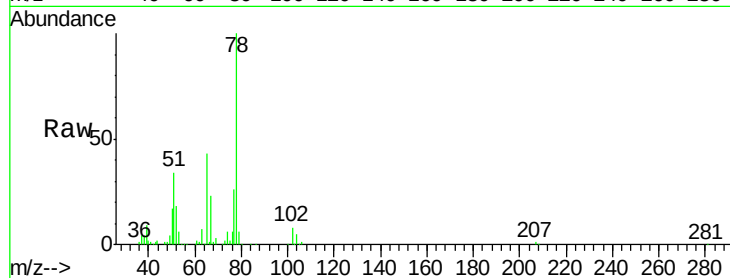




#33
 1,2-Dichloroethane-d4
 Concen: 5.50 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

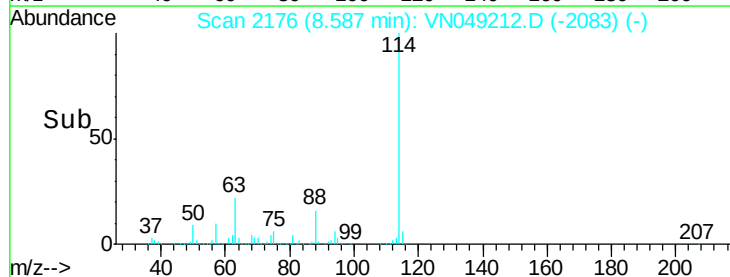
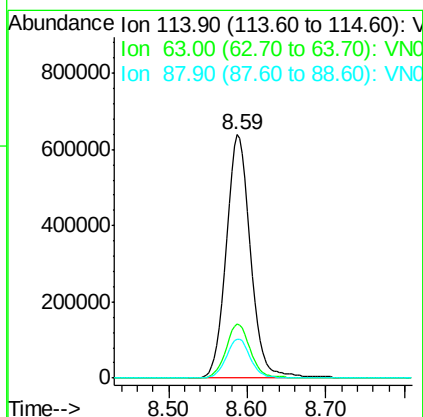
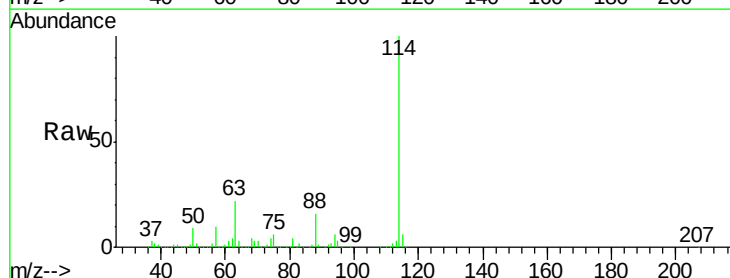
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

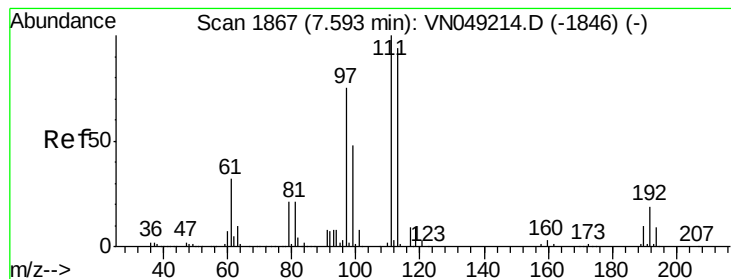
Tgt Ion: 65 Resp: 73304
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

Tgt Ion: 114 Resp: 1361343
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.4
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 5.12 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

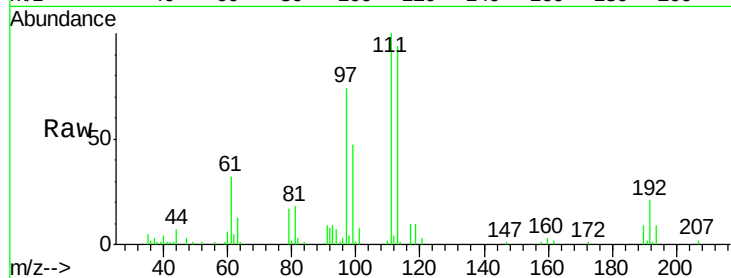
Tgt Ion:113 Resp: 57501

Ion Ratio Lower Upper

113 100

111 107.8 82.4 123.6

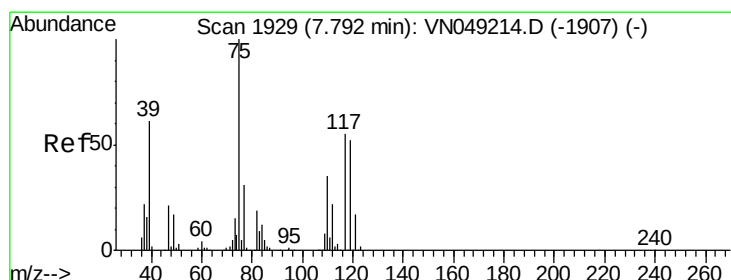
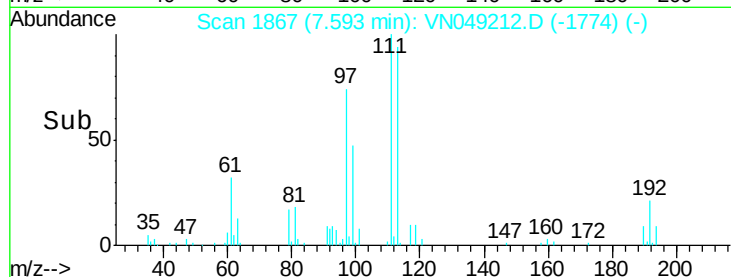
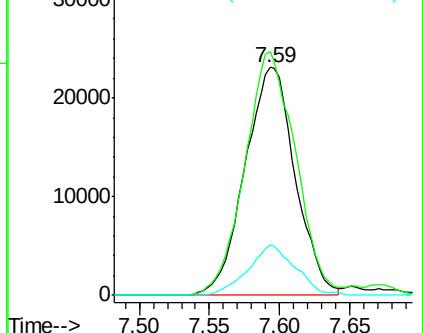
192 20.8 15.0 22.6



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



#36

1,1-Dichloropropene

Concen: 5.00 ug/l

RT: 7.80 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

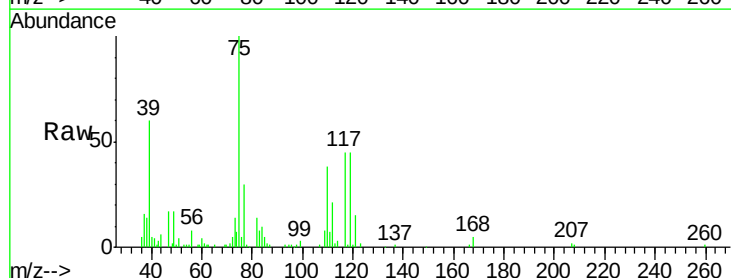
Tgt Ion: 75 Resp: 85207

Ion Ratio Lower Upper

75 100

110 34.6 17.0 50.9

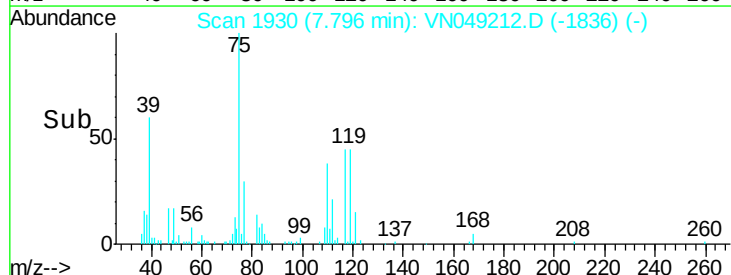
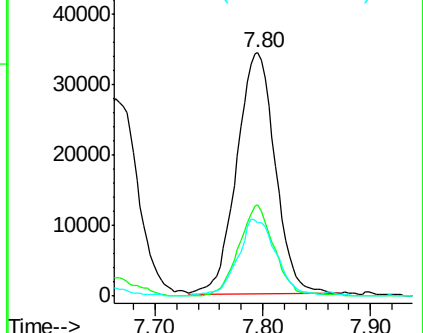
77 31.9 24.4 36.6

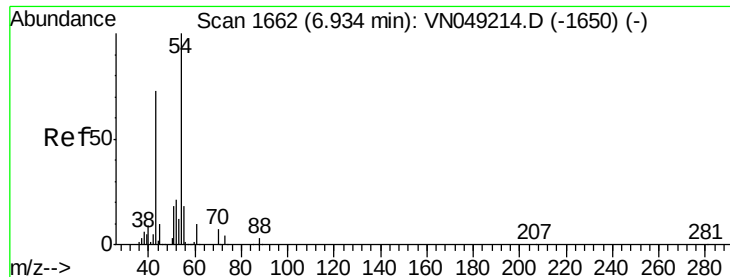


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

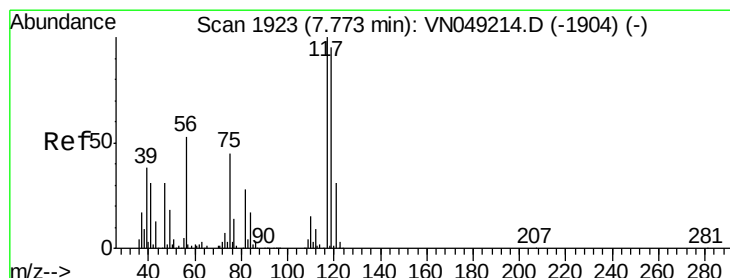
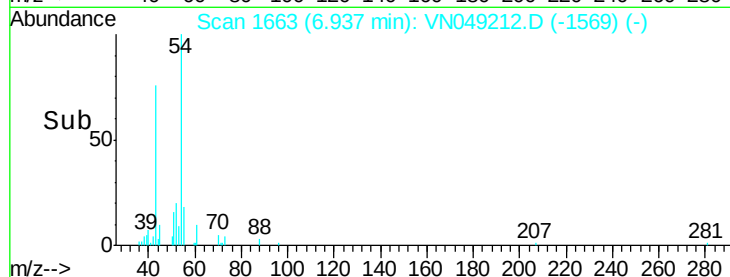
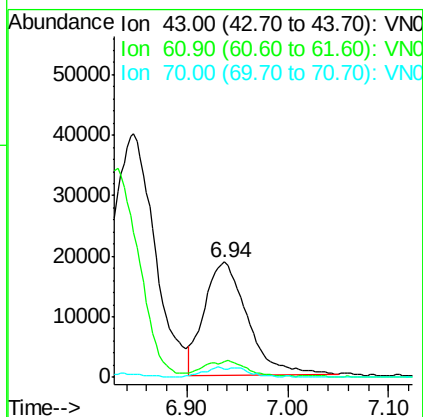
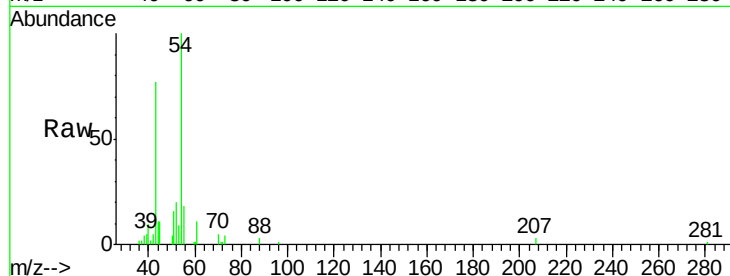




#37
Ethyl Acetate
Concen: 5.08 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

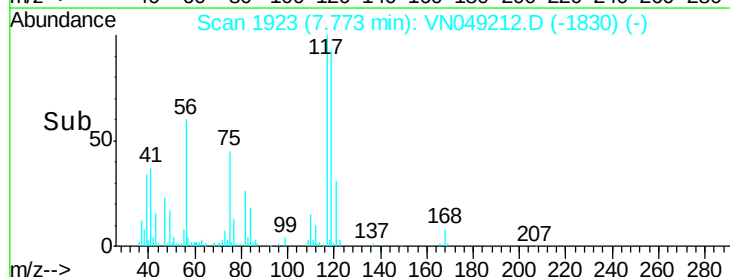
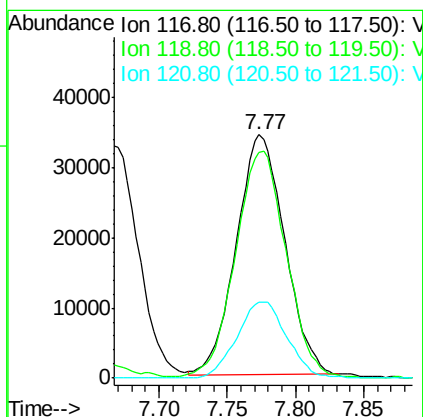
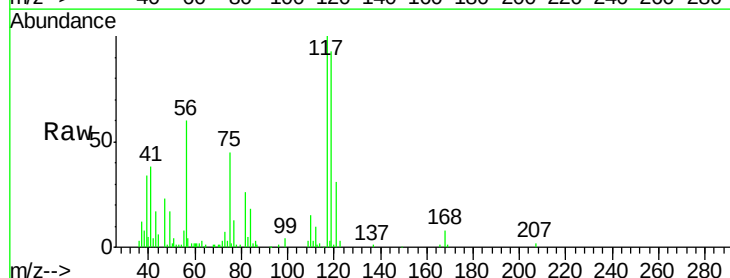
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

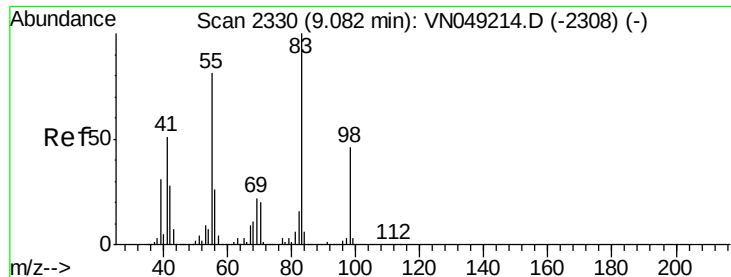
Tgt Ion: 43 Resp: 55450
Ion Ratio Lower Upper
43 100
61 12.8 11.0 16.4
70 4.2 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 5.08 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion: 117 Resp: 85006
Ion Ratio Lower Upper
117 100
119 93.3 75.6 113.4
121 31.6 24.7 37.1

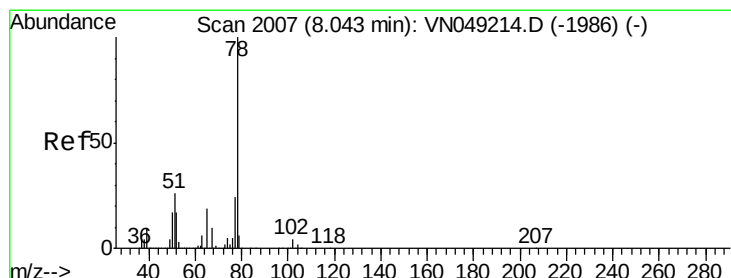
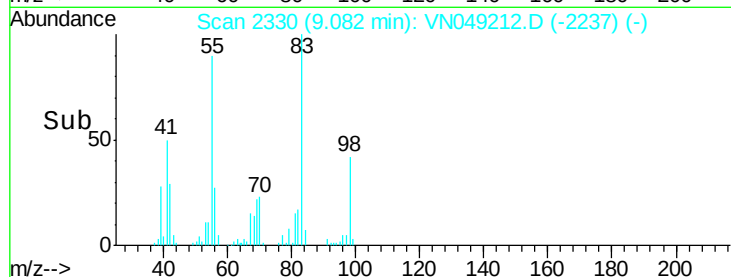
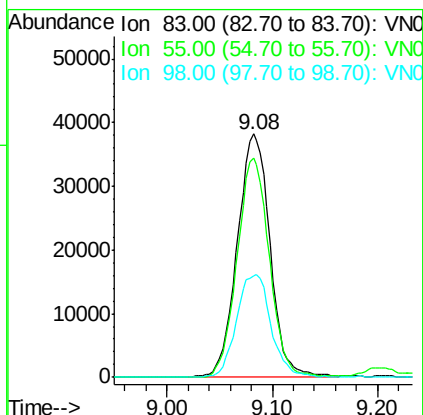
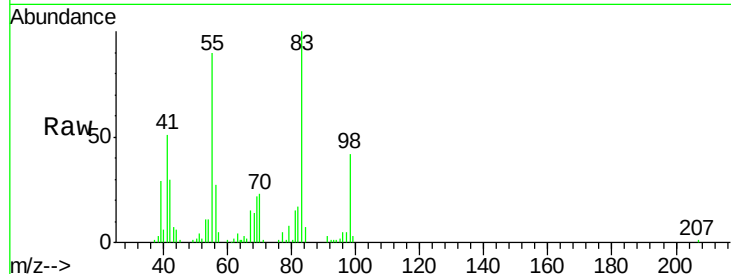




#39
Methylcyclohexane
Concen: 4.64 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

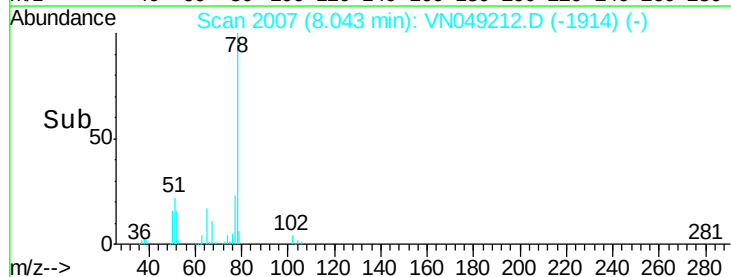
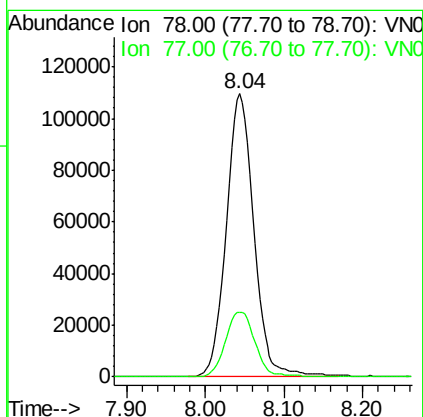
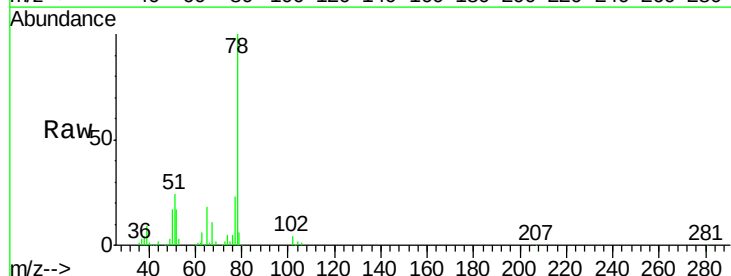
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

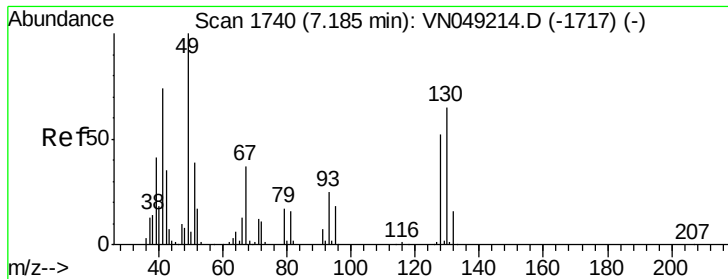
Tgt Ion: 83 Resp: 82590
Ion Ratio Lower Upper
83 100
55 90.1 65.1 97.7
98 41.6 36.5 54.7



#40
Benzene
Concen: 5.20 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion: 78 Resp: 265568
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0





#41

Methacrylonitrile

Concen: 3.22 ug/l

RT: 7.18 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 19366

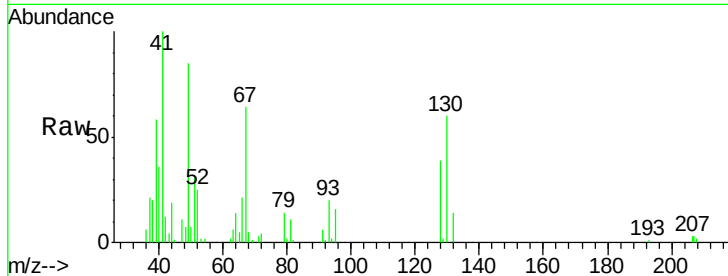
Ion Ratio Lower Upper

41 100

39 73.9 0.0 0.0#

67 110.0 0.0 0.0#

52 45.4 0.0 0.0#

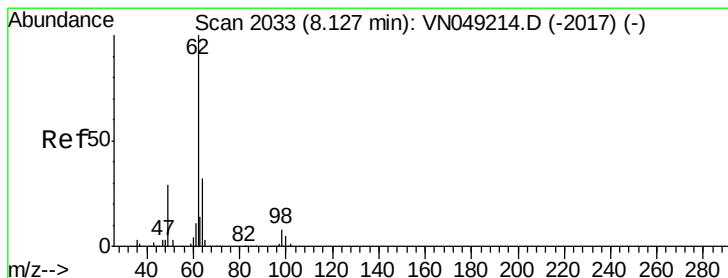
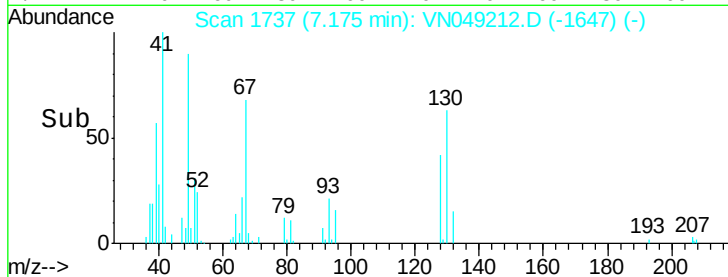
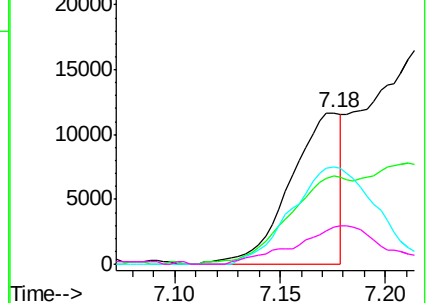


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 5.16 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. -0.00 min

Lab File: VN049212.D

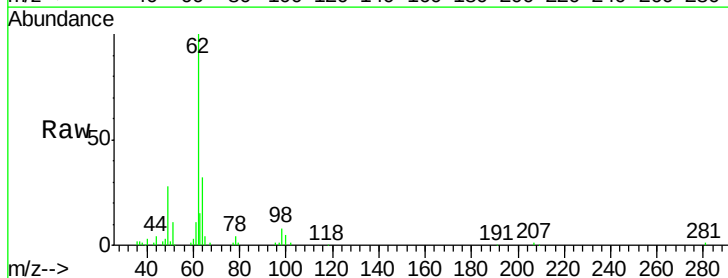
Acq: 13 Jun 2018 20:35

Tgt Ion: 62 Resp: 85686

Ion Ratio Lower Upper

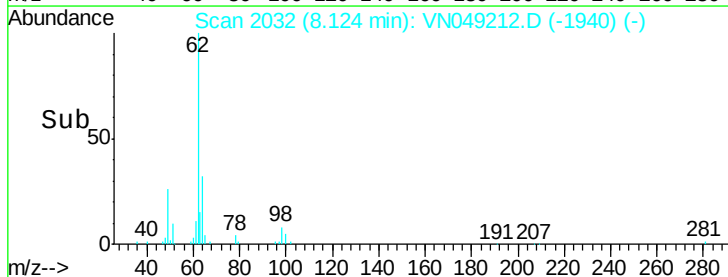
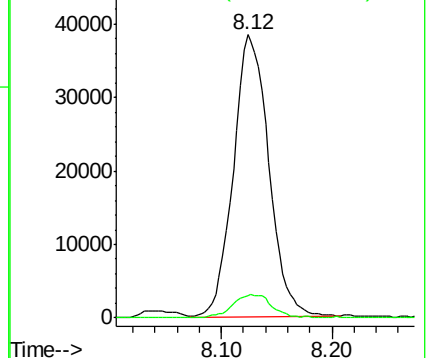
62 100

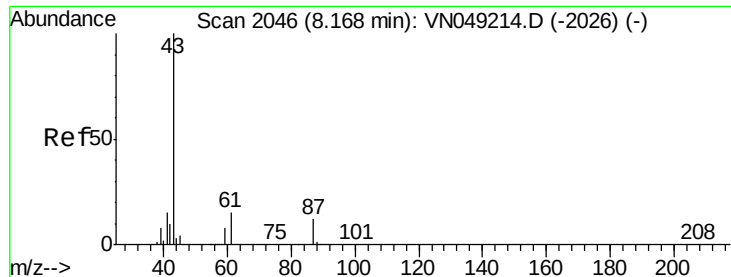
98 9.1 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 4.95 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

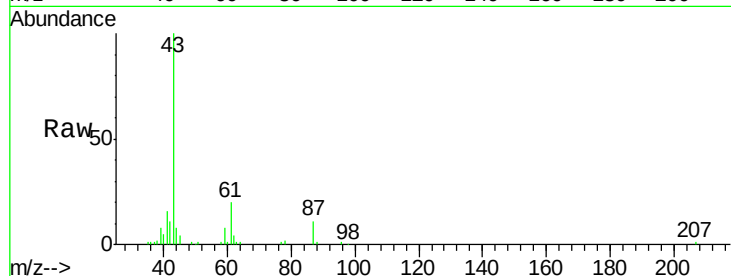
Tgt Ion: 43 Resp: 103201

Ion Ratio Lower Upper

43 100

61 13.9 14.2 21.4#

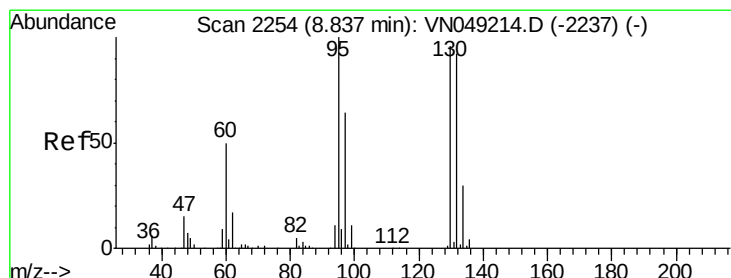
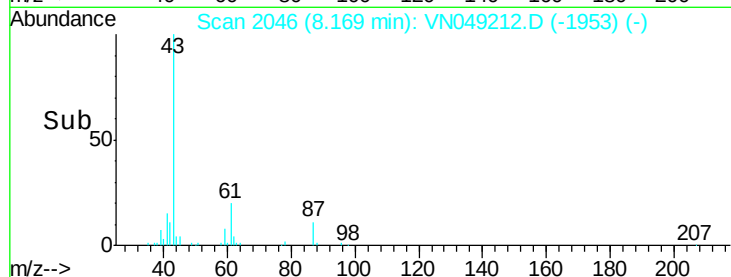
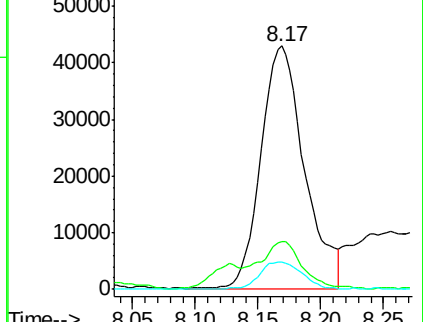
87 11.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049212.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN049212.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN049212.D (-1953) (-)



#44

Trichloroethene

Concen: 5.32 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049212.D

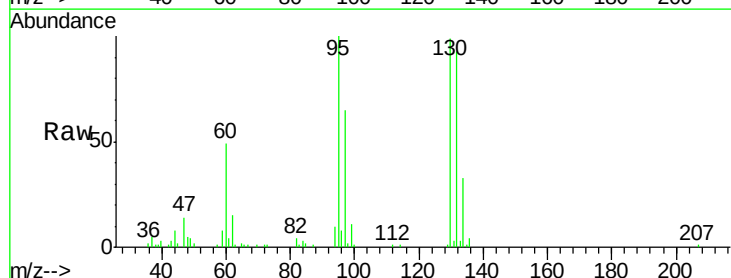
Acq: 13 Jun 2018 20:35

Tgt Ion: 130 Resp: 66516

Ion Ratio Lower Upper

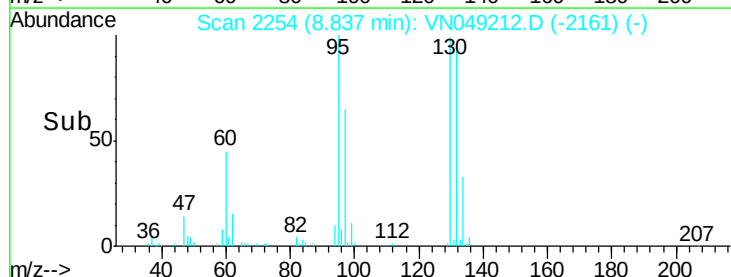
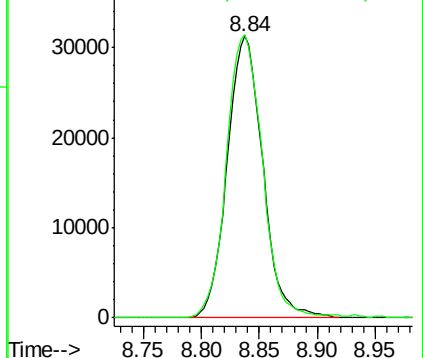
130 100

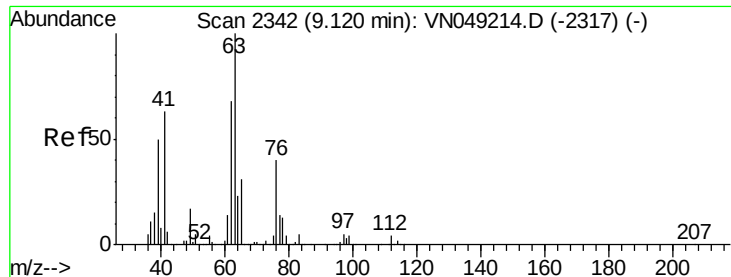
95 100.5 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049212.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049212.D (-2161) (-)

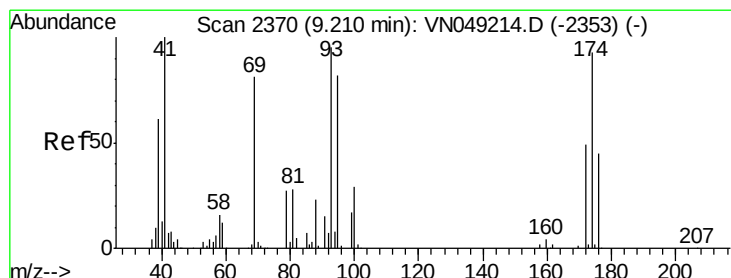
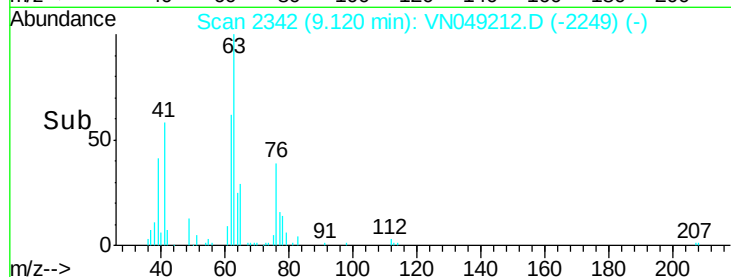
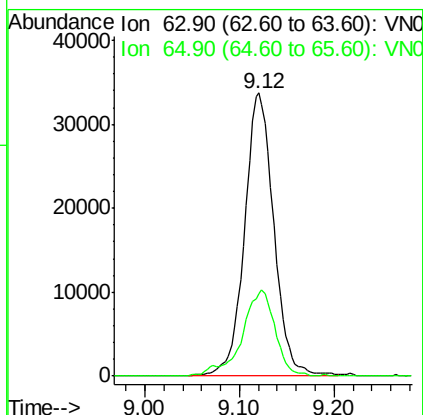
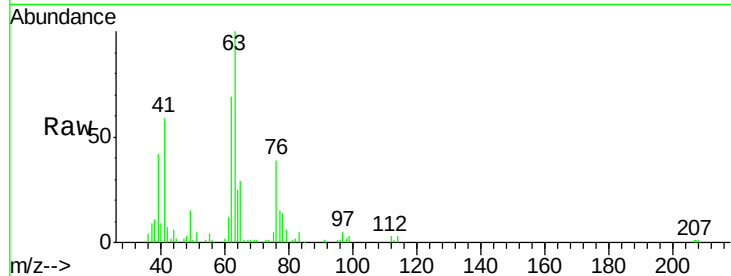




#45
1,2-Dichloropropane
Concen: 5.20 ug/l
RT: 9.12 min Scan# 2342
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

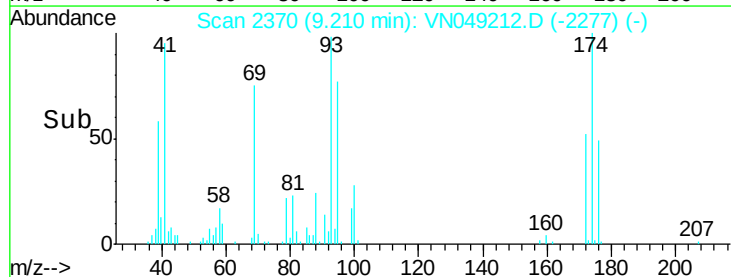
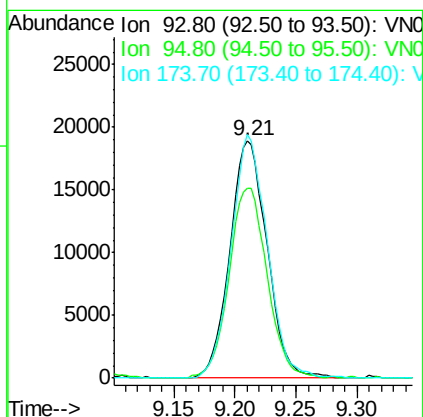
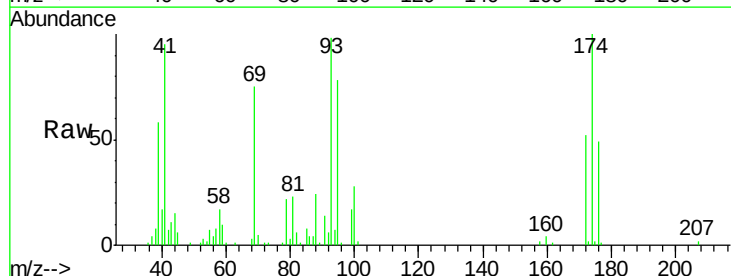
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

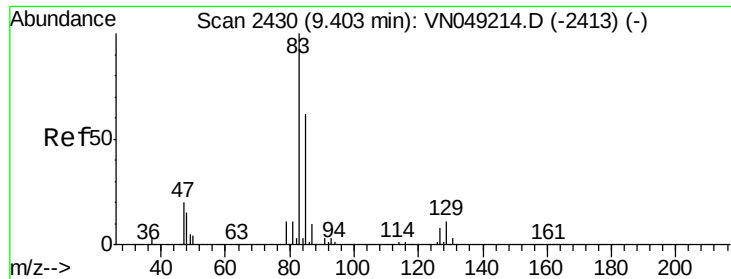
Tgt Ion: 63 Resp: 72626
Ion Ratio Lower Upper
63 100
65 29.2 24.8 37.2



#46
Dibromomethane
Concen: 5.16 ug/l
RT: 9.21 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion: 93 Resp: 40184
Ion Ratio Lower Upper
93 100
95 81.9 67.2 100.8
174 99.1 75.6 113.4





#47

Bromodichloromethane

Concen: 5.26 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

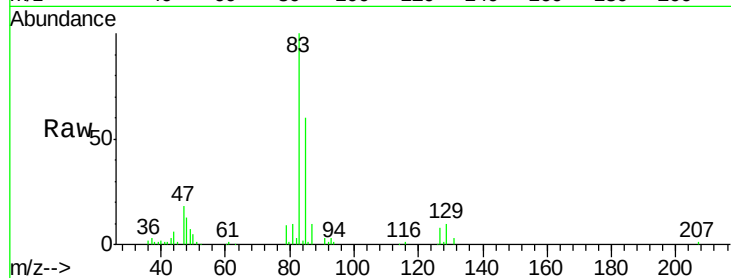
Tgt Ion: 83 Resp: 90777

Ion Ratio Lower Upper

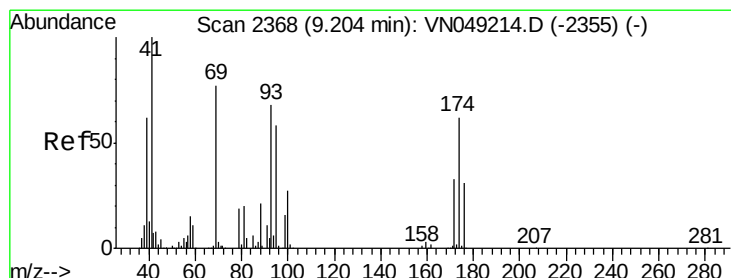
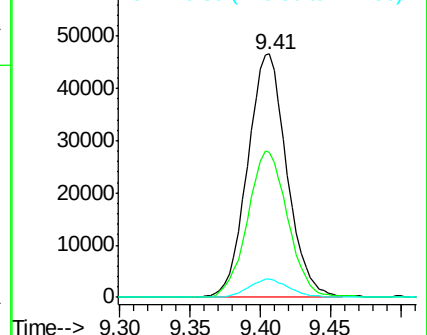
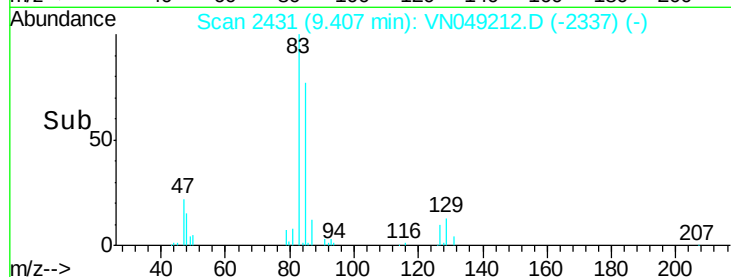
83 100

85 59.7 49.4 74.0

127 7.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049212.D (-2337) (-)



#48

Methyl methacrylate

Concen: 4.52 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

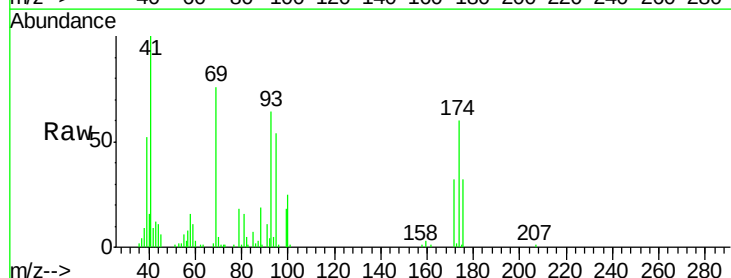
Tgt Ion: 41 Resp: 44971

Ion Ratio Lower Upper

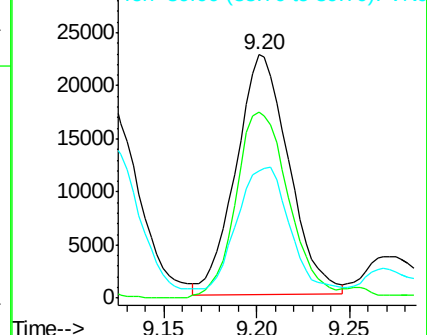
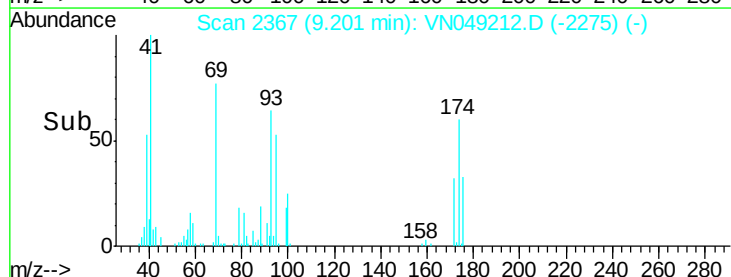
41 100

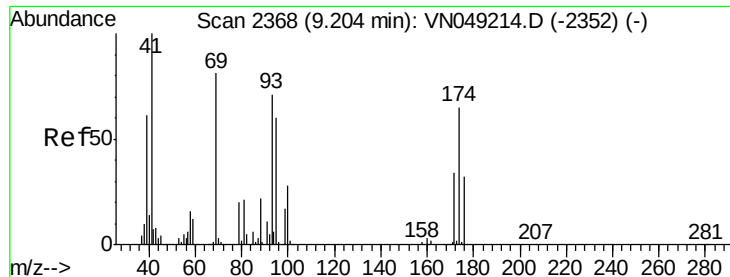
69 76.9 62.0 93.0

39 56.1 50.6 75.8



Abundance Ion 41.00 (40.70 to 41.70): VN049212.D (-2275) (-)

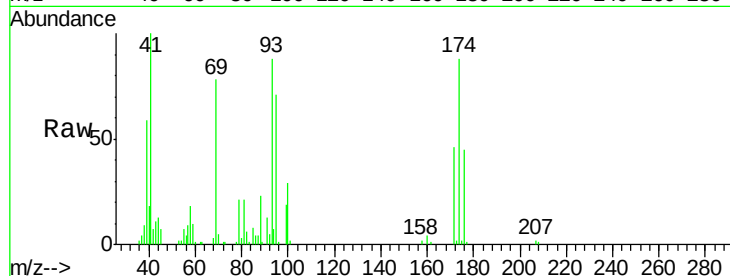




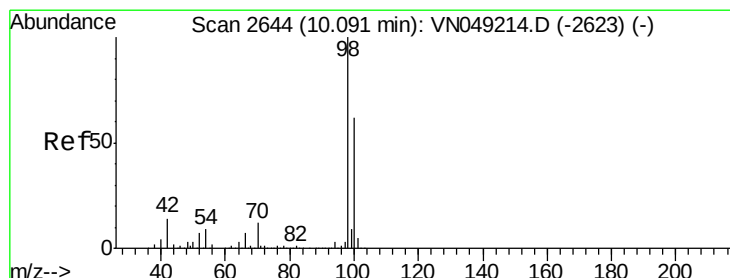
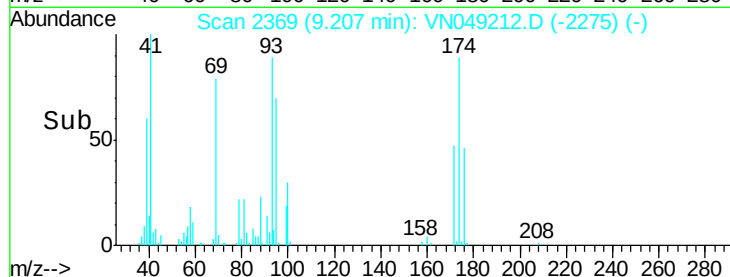
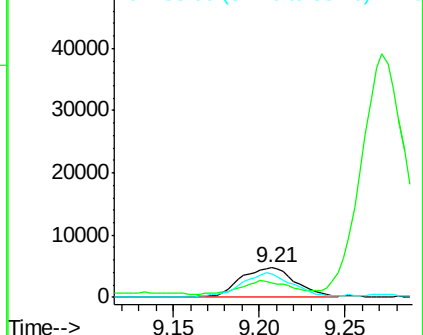
#49
1,4-Dioxane
Concen: 95.59 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 10672
Ion Ratio Lower Upper
88 100
43 39.6 30.9 46.3
58 76.4 58.9 88.3

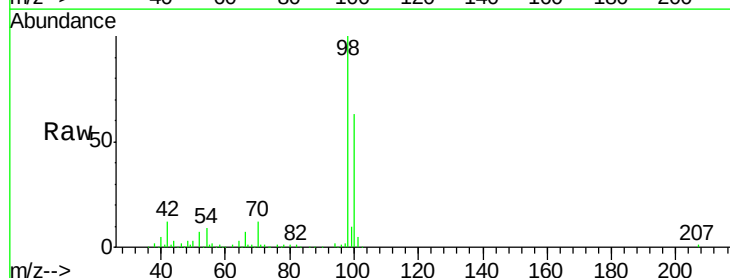


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

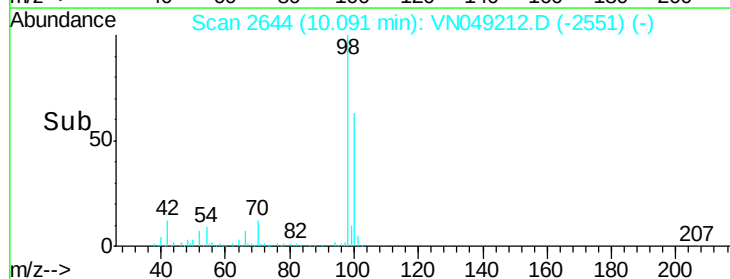
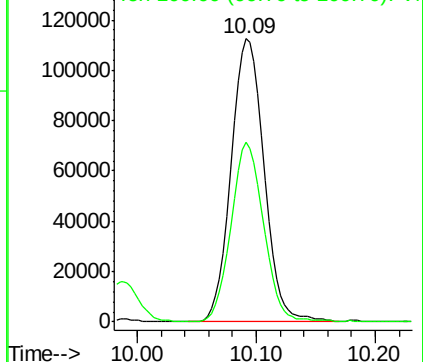


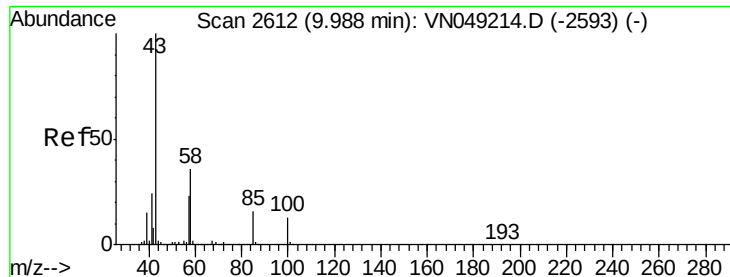
#50
Toluene-d8
Concen: 4.99 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion: 98 Resp: 216520
Ion Ratio Lower Upper
98 100
100 61.9 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

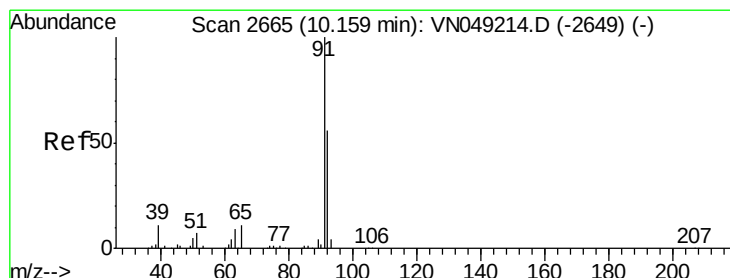
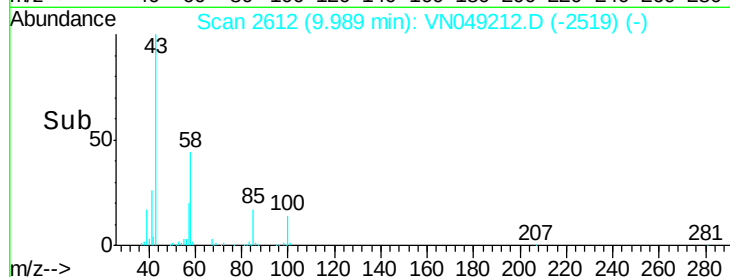
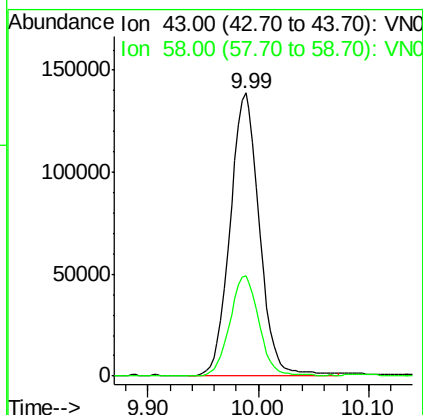
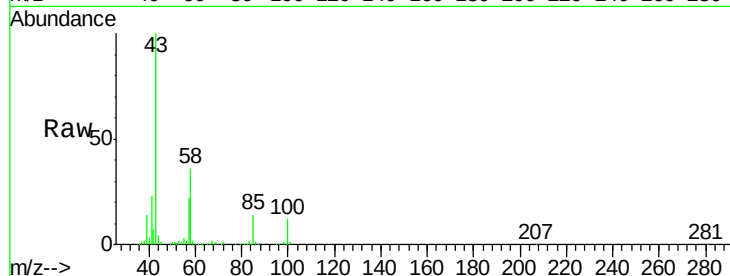




#51
 4-Methyl-2-Pentanone
 Concen: 23.14 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

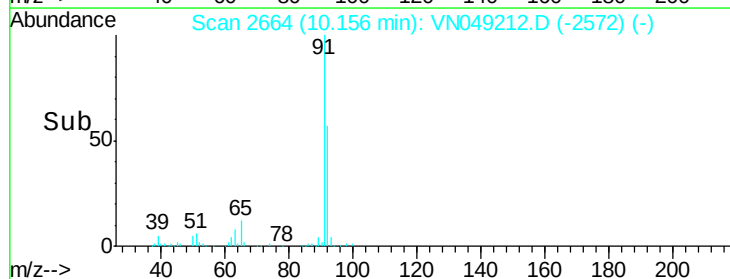
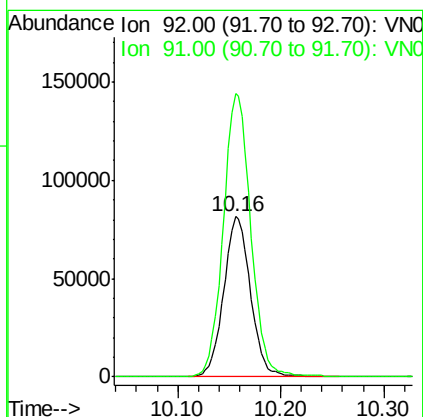
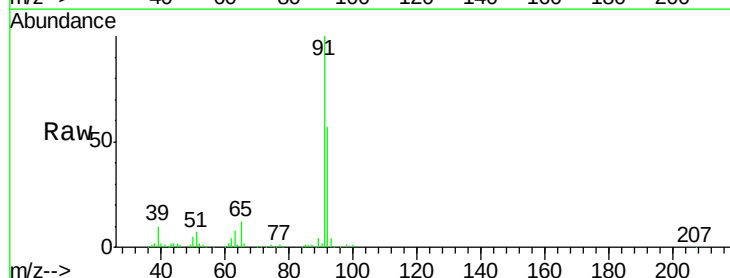
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

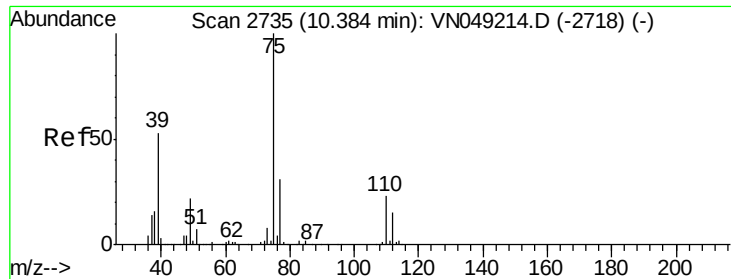
Tgt Ion: 43 Resp: 254745
 Ion Ratio Lower Upper
 43 100
 58 35.7 29.0 43.6



#52
 Toluene
 Concen: 4.85 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

Tgt Ion: 92 Resp: 148351
 Ion Ratio Lower Upper
 92 100
 91 180.8 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 4.57 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

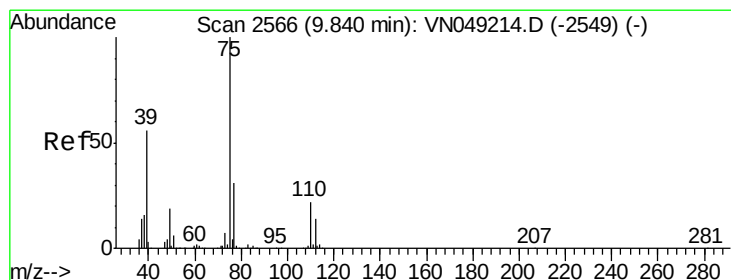
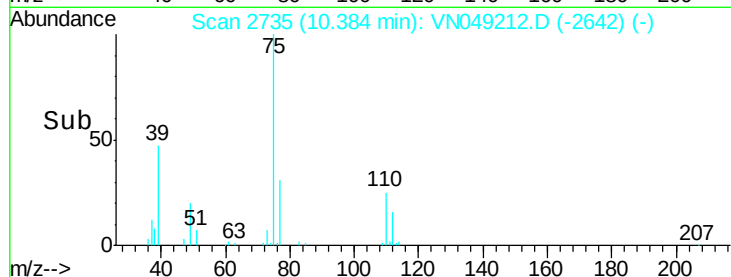
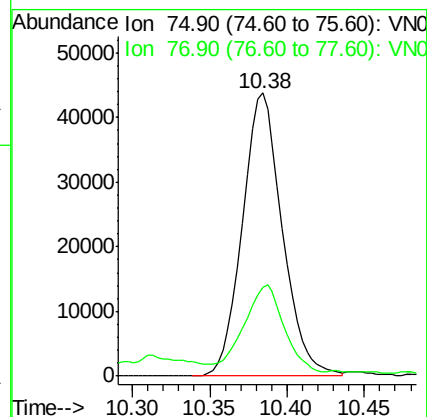
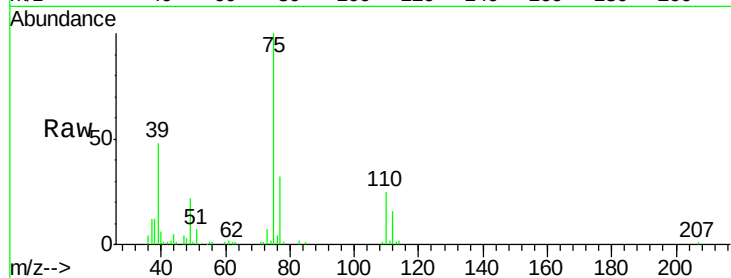
VSTDIC005

Tgt Ion: 75 Resp: 78724

Ion Ratio Lower Upper

75 100

77 29.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 4.56 ug/l

RT: 9.84 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

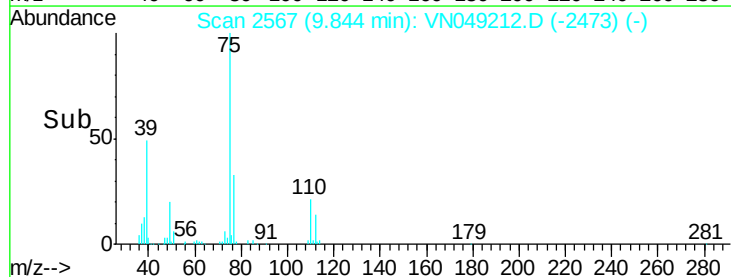
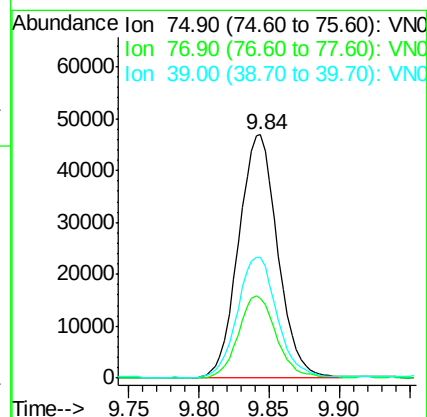
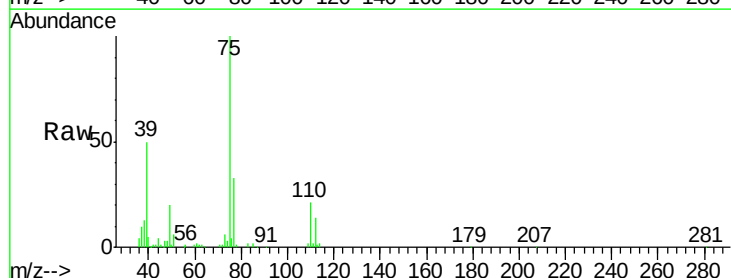
Tgt Ion: 75 Resp: 91258

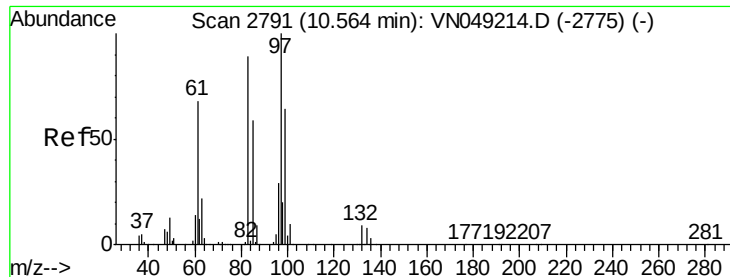
Ion Ratio Lower Upper

75 100

77 32.8 24.8 37.2

39 49.5 45.1 67.7

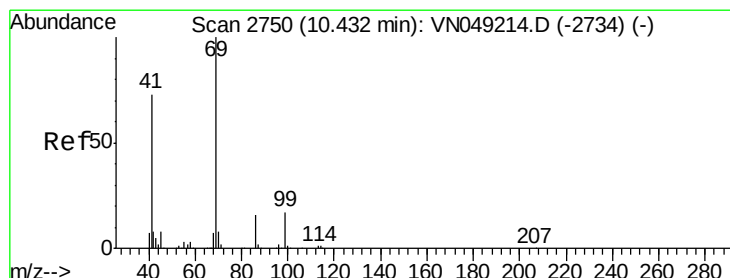
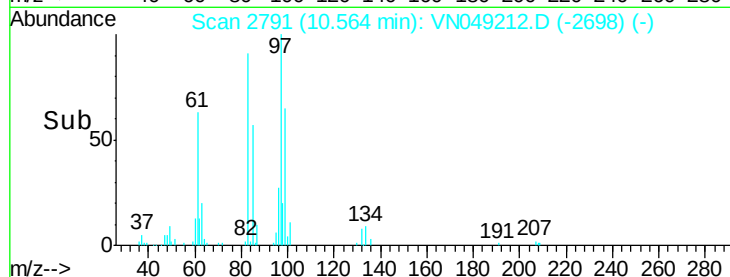
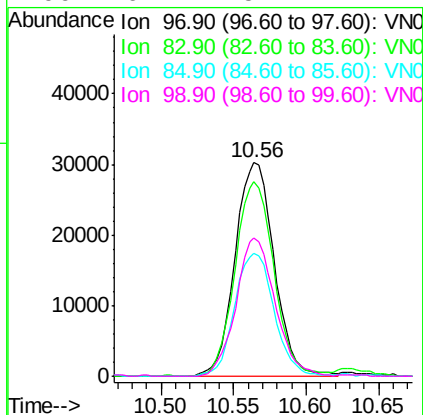
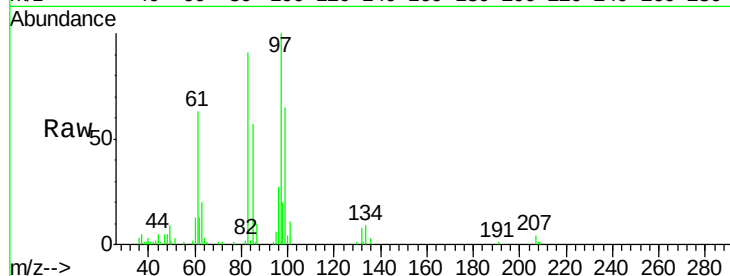




#55
 1,1,2-Trichloroethane
 Concen: 5.22 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

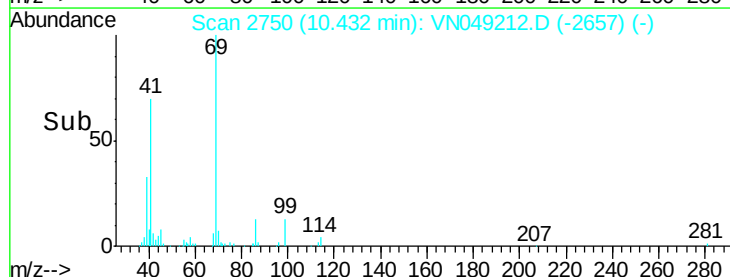
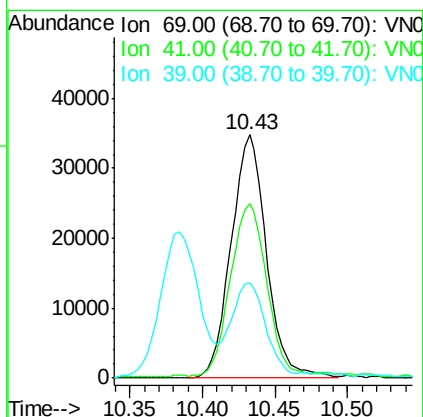
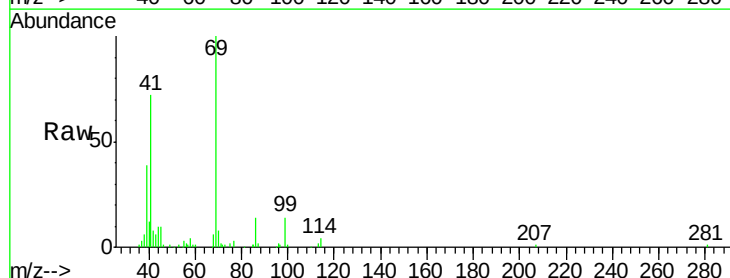
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

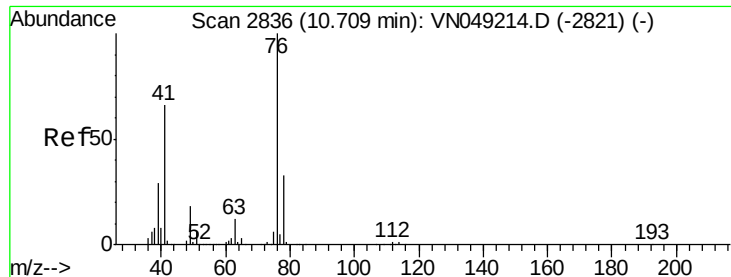
Tgt Ion:	97	Resp:	56893
Ion	Ratio	Lower	Upper
97	100		
83	90.9	71.5	107.3
85	57.3	47.0	70.4
99	64.7	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 4.17 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

Tgt Ion:	69	Resp:	58997
Ion	Ratio	Lower	Upper
69	100		
41	71.8	58.4	87.6
39	37.4	35.5	53.3





#57

1,3-Dichloropropane

Concen: 5.01 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampled :

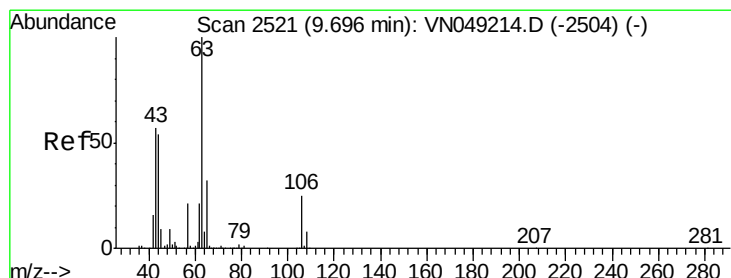
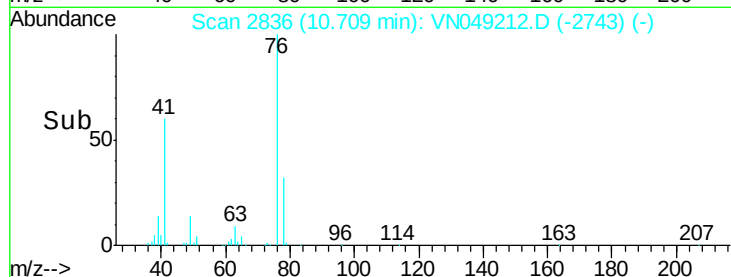
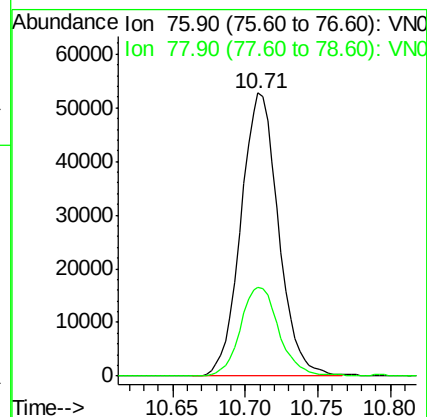
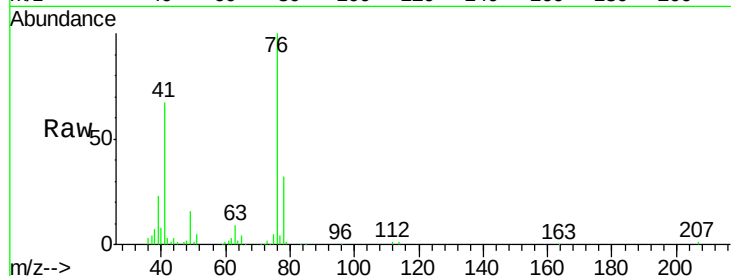
VSTDIC005

Tgt Ion: 76 Resp: 95112

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 19.38 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049212.D

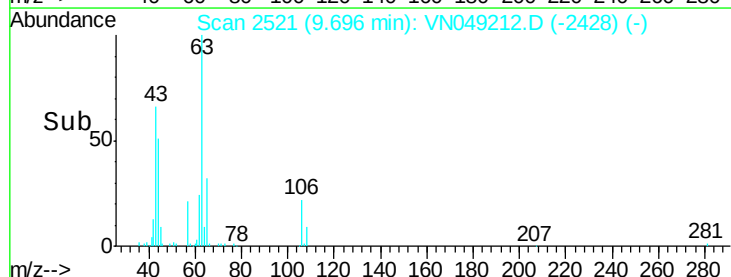
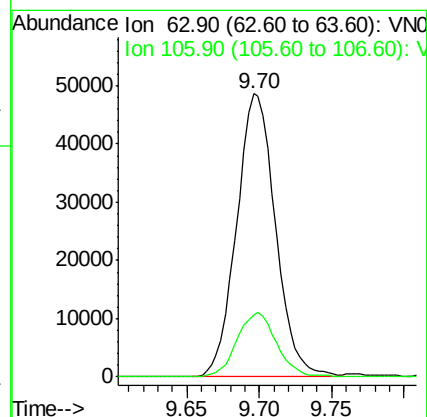
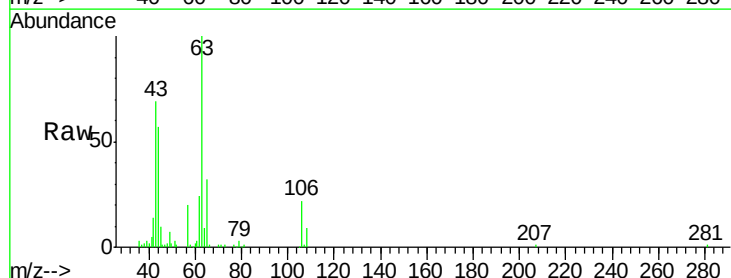
Acq: 13 Jun 2018 20:35

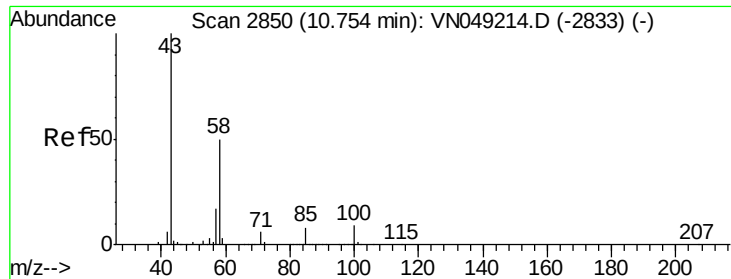
Tgt Ion: 63 Resp: 90715

Ion Ratio Lower Upper

63 100

106 23.2 19.4 29.2

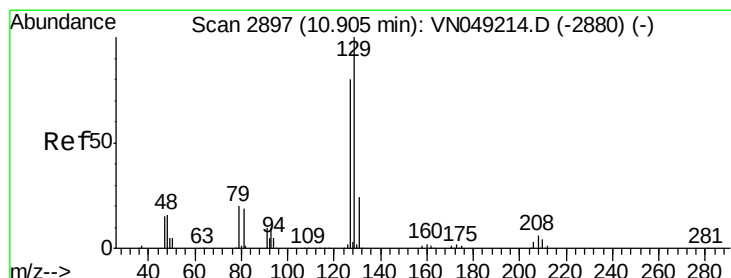
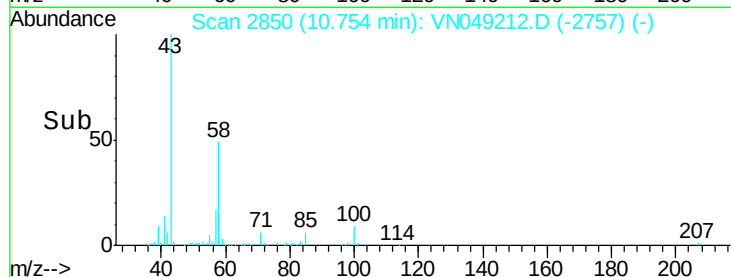
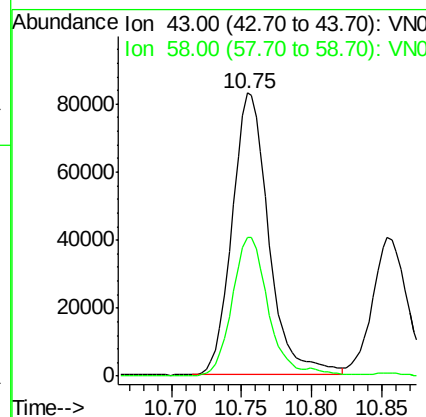
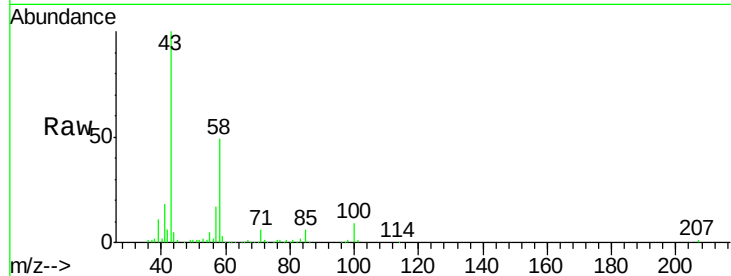




#59
2-Hexanone
Concen: 21.32 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

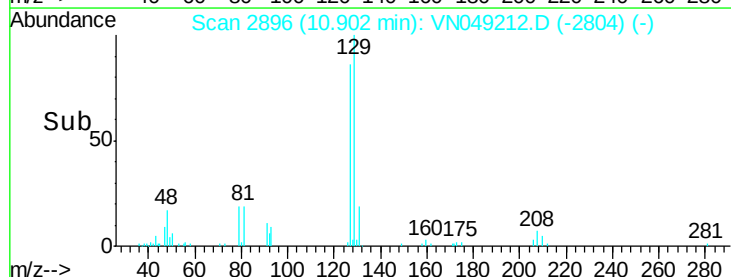
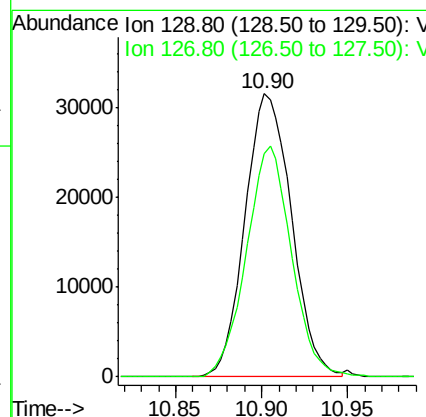
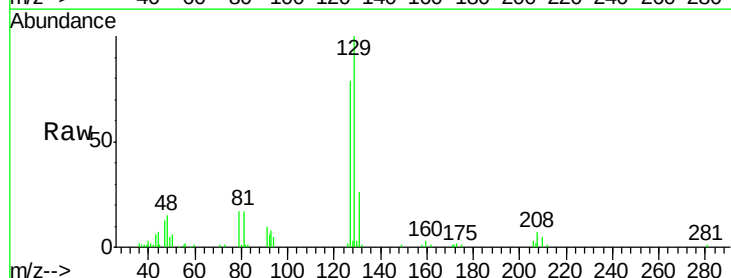
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

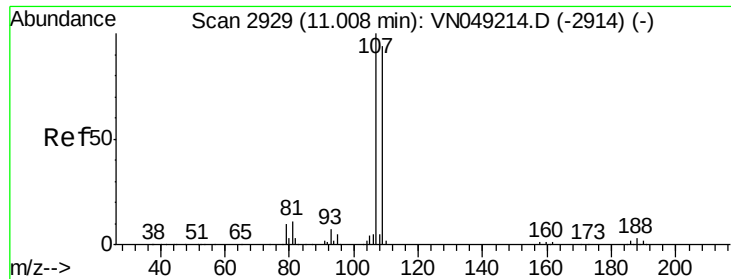
Tgt Ion: 43 Resp: 151061
Ion Ratio Lower Upper
43 100
58 49.6 25.2 75.6



#60
Dibromochloromethane
Concen: 4.86 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion: 129 Resp: 59125
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.2

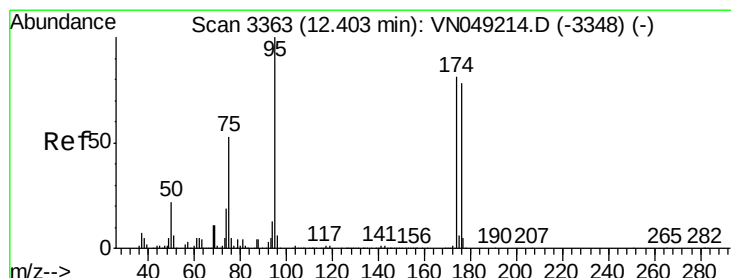
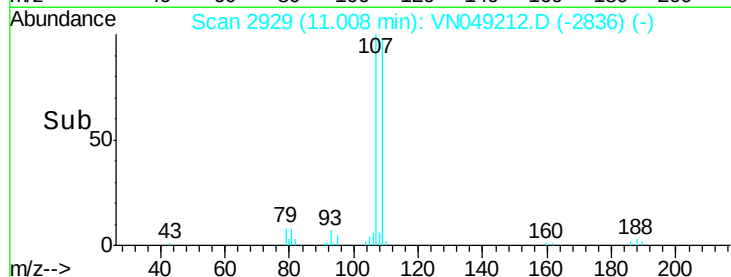
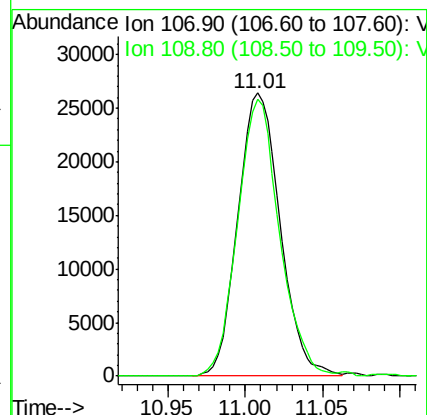
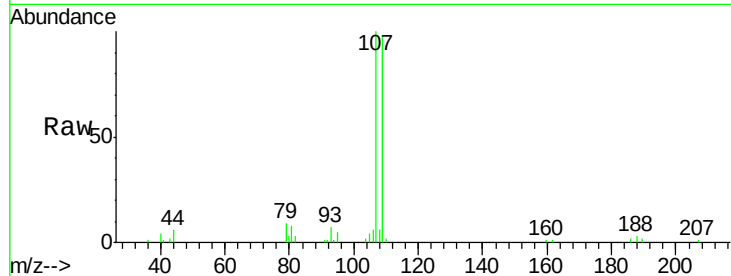




#61
 1,2-Dibromoethane
 Concen: 4.92 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

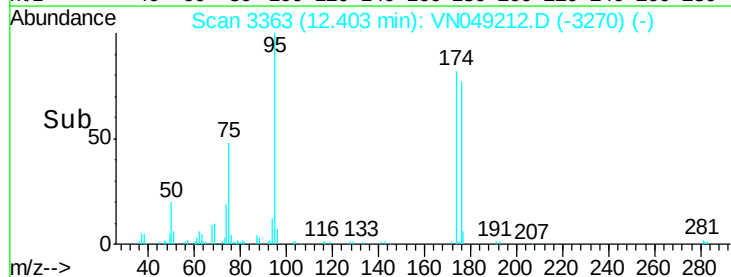
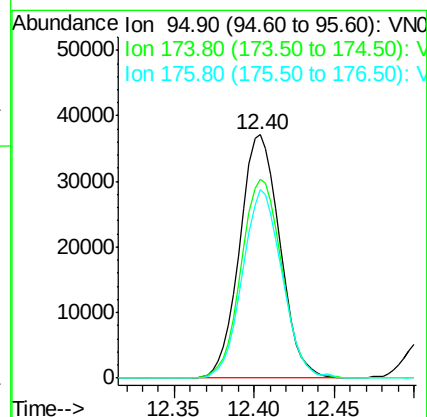
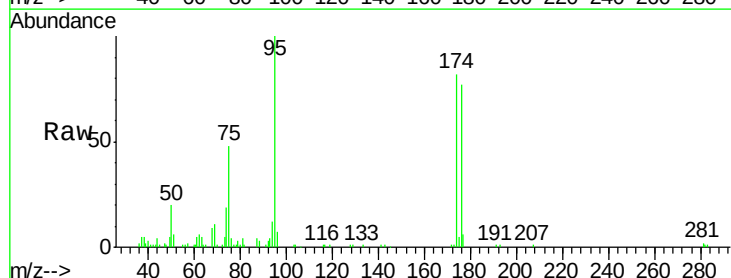
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

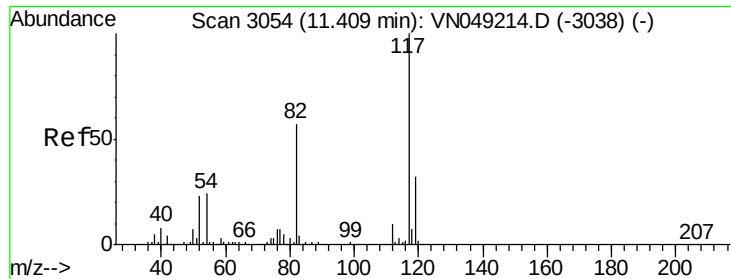
Tgt Ion: 107 Resp: 50214
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 4.42 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

Tgt Ion: 95 Resp: 63593
 Ion Ratio Lower Upper
 95 100
 174 82.8 0.0 165.6
 176 76.1 0.0 157.4

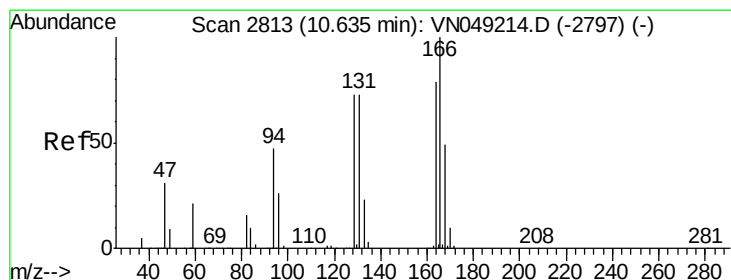
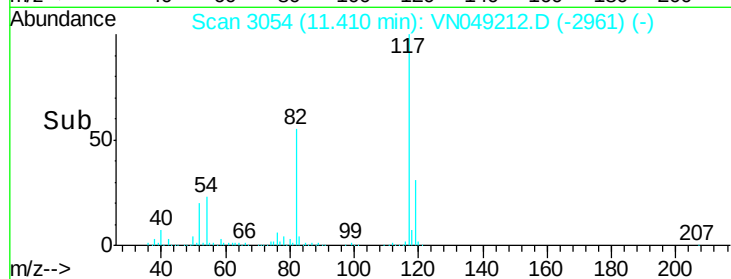
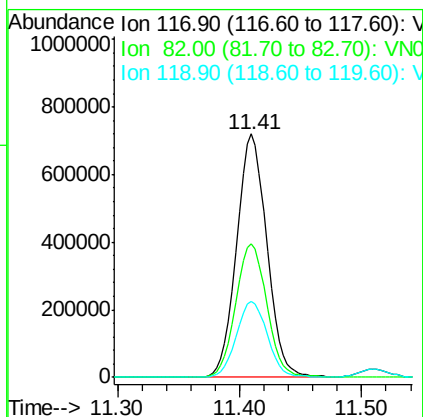
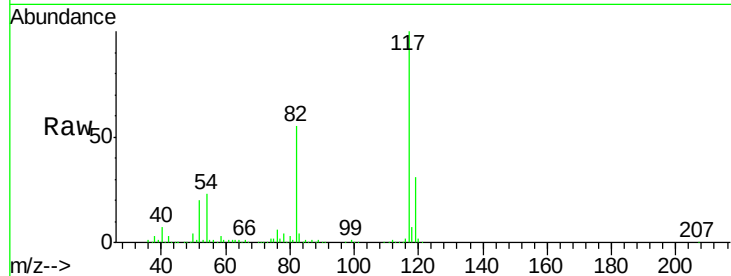




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

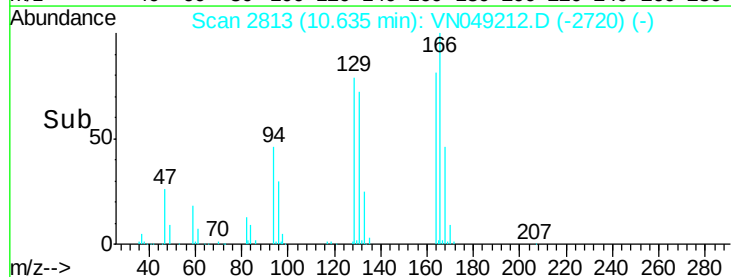
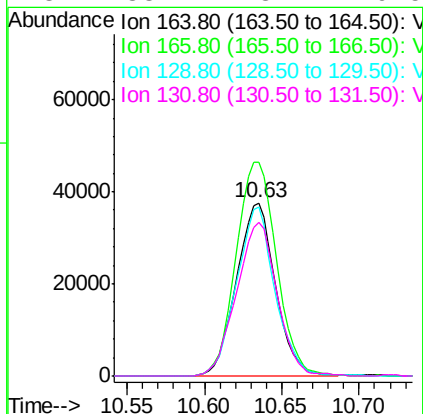
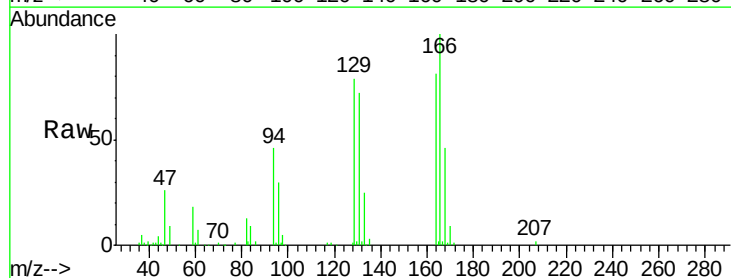
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

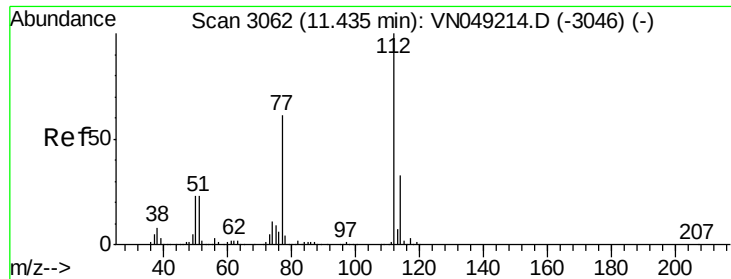
Tgt Ion:117 Resp: 1237550
Ion Ratio Lower Upper
117 100
82 55.1 45.9 68.9
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 5.51 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion:164 Resp: 65897
Ion Ratio Lower Upper
164 100
166 123.1 101.4 152.2
129 97.2 74.1 111.1
131 88.7 73.7 110.5

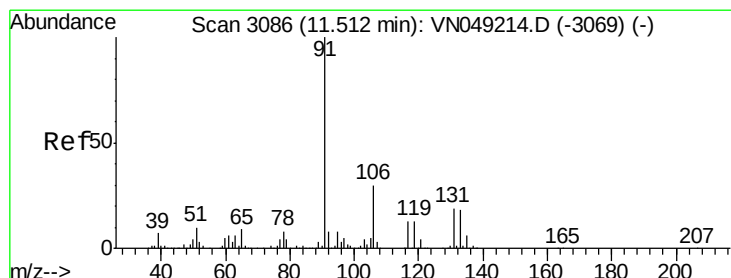
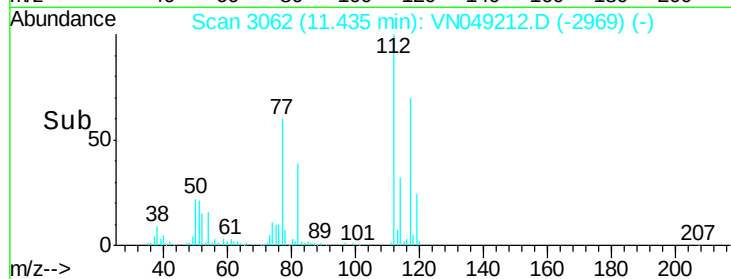
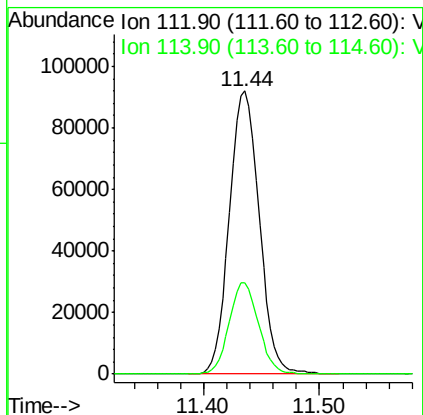
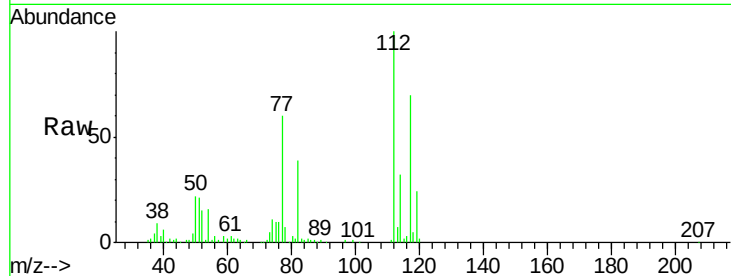




#65
Chlorobenzene
Concen: 5.18 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

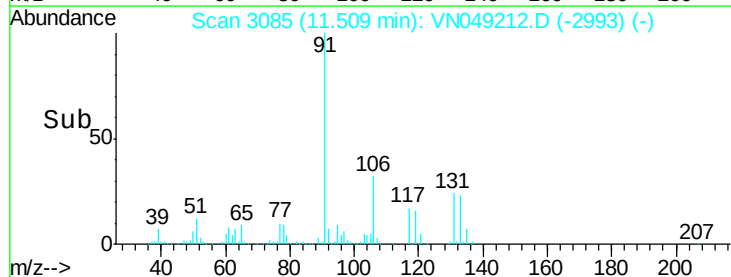
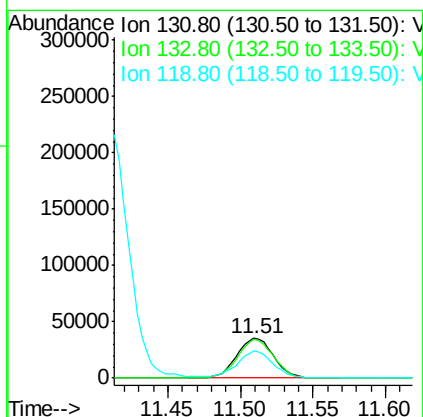
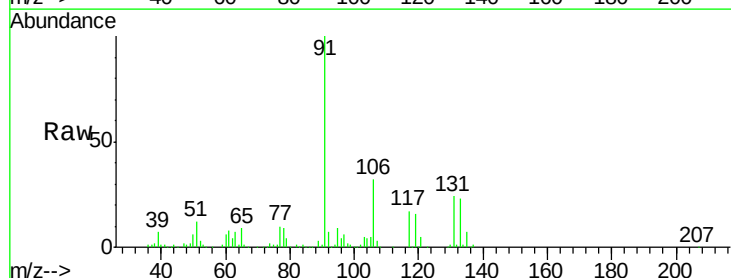
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

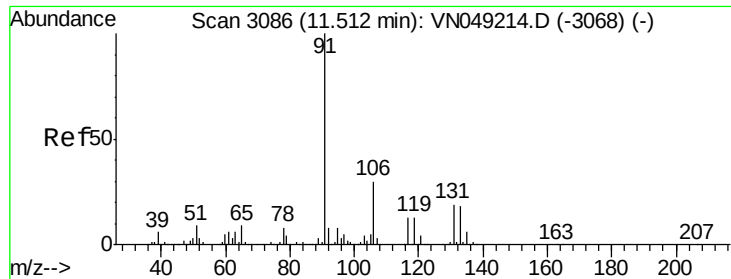
Tgt Ion:112 Resp: 164963
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.27 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion:131 Resp: 62634
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 66.6 33.6 100.8

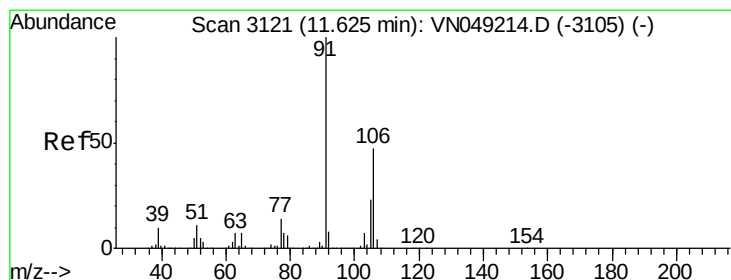
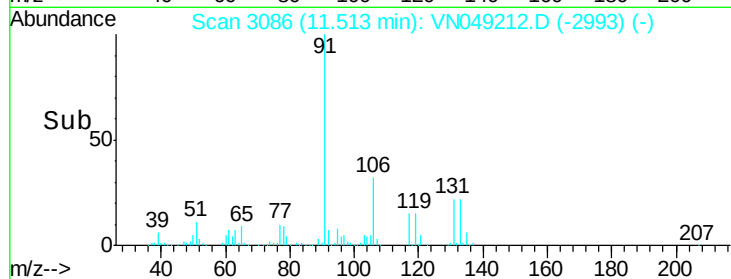
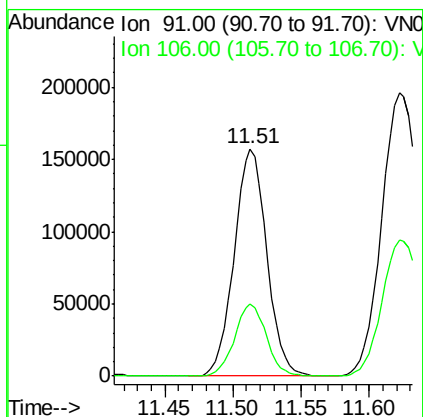
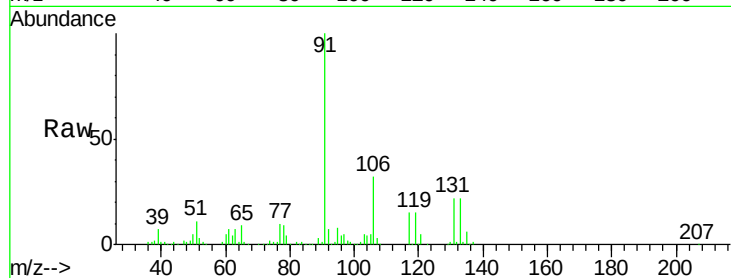




#67
Ethyl Benzene
Concen: 4.61 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

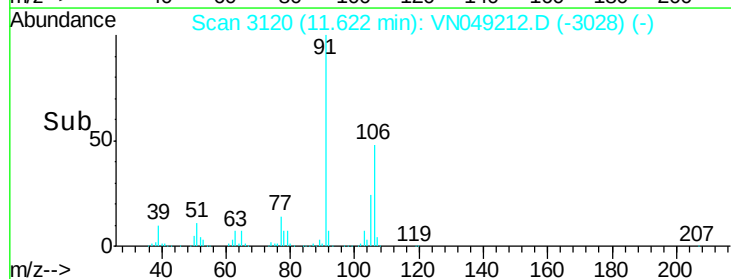
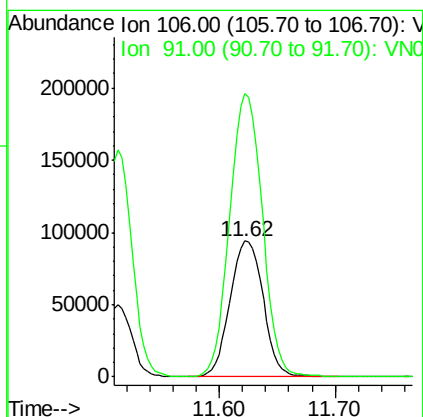
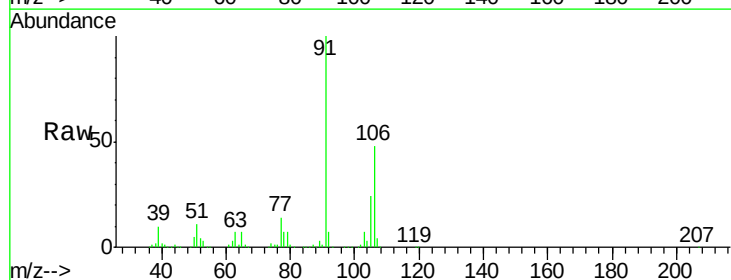
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

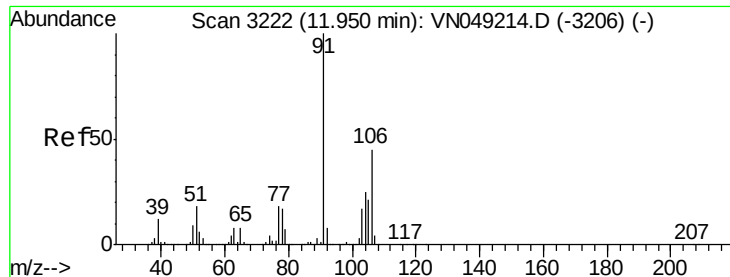
Tgt Ion: 91 Resp: 261174
Ion Ratio Lower Upper
91 100
106 31.8 23.9 35.9



#68
m/p-Xylenes
Concen: 8.87 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion: 106 Resp: 186680
Ion Ratio Lower Upper
106 100
91 204.8 167.3 250.9





#69

o-Xylene

Concen: 4.57 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampled :

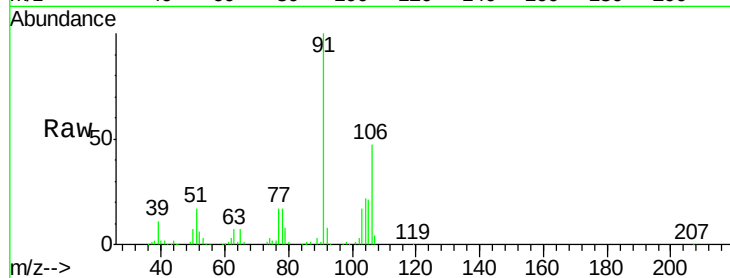
VSTDIC005

Tgt Ion:106 Resp: 92509

Ion Ratio Lower Upper

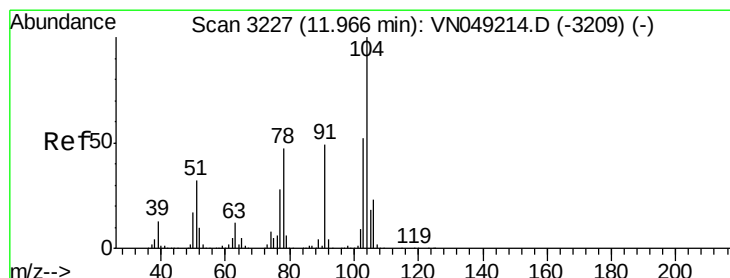
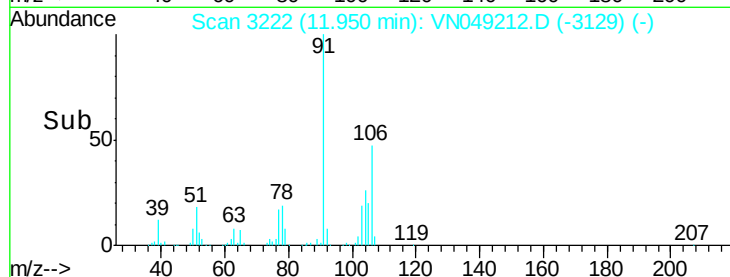
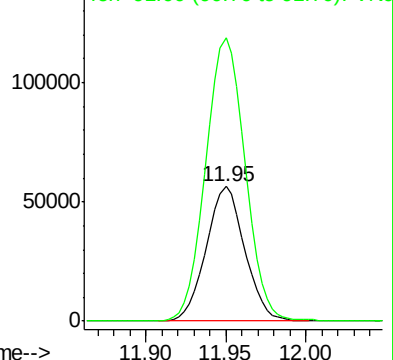
106 100

91 214.2 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 4.06 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

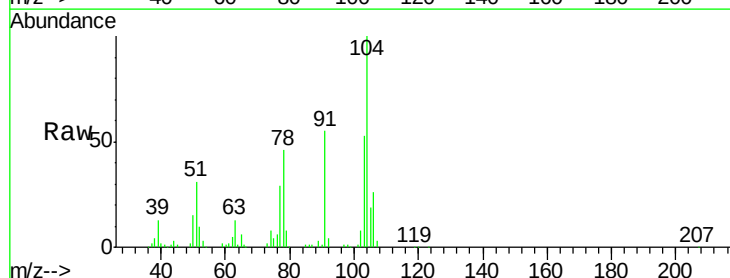
Tgt Ion:104 Resp: 131925

Ion Ratio Lower Upper

104 100

78 53.1 41.6 62.4

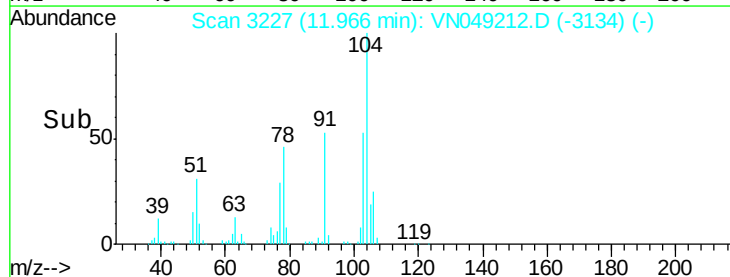
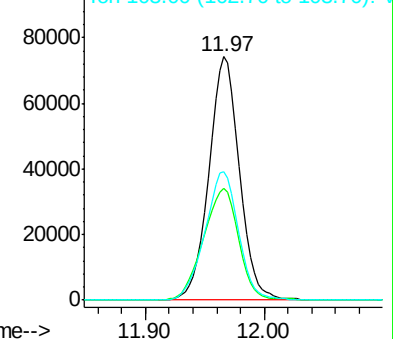
103 58.2 45.4 68.2

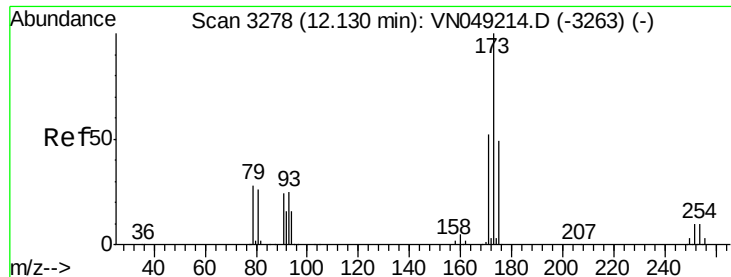


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.83 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

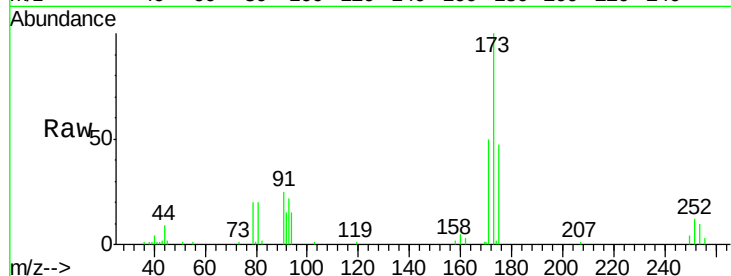
Tgt Ion:173 Resp: 37562

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

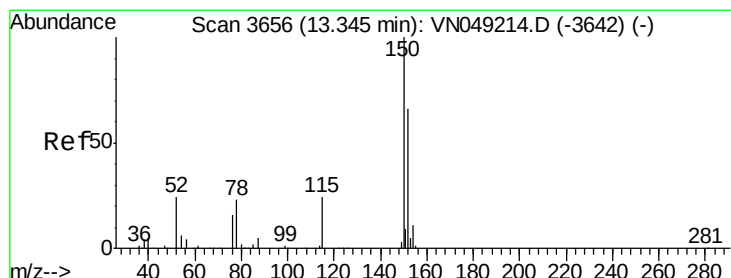
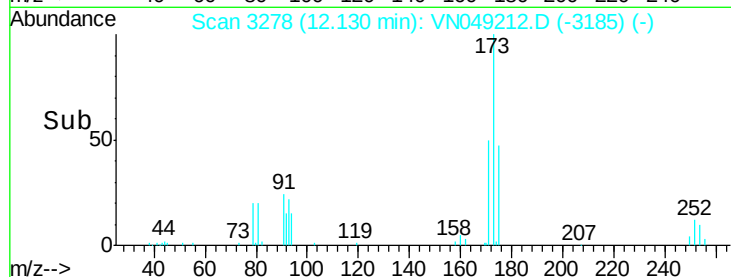
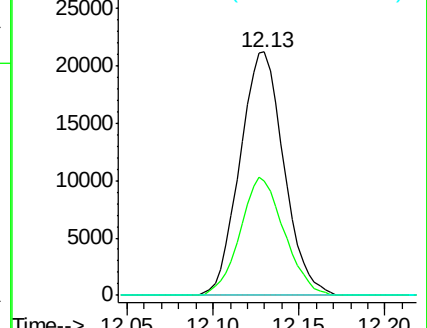
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

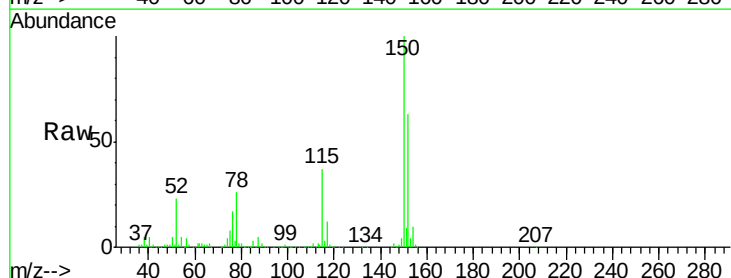
Tgt Ion:152 Resp: 450872

Ion Ratio Lower Upper

152 100

115 59.9 28.7 86.1

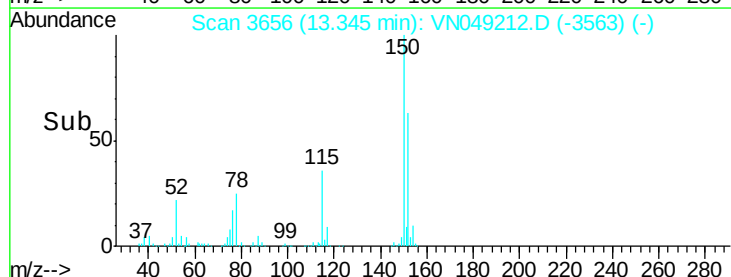
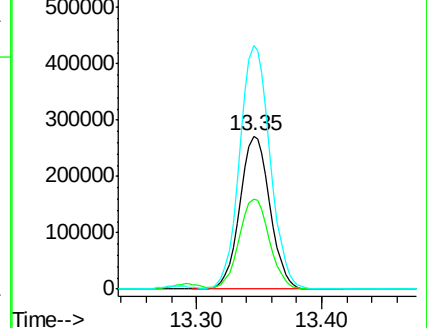
150 161.4 0.0 351.0

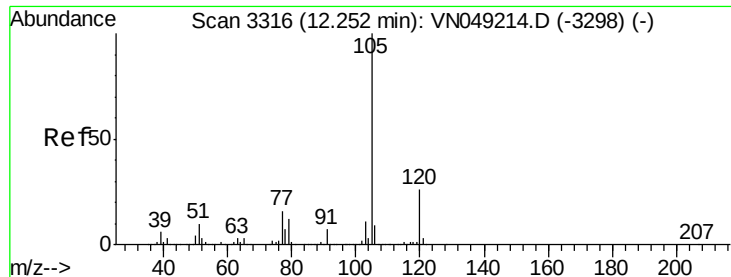


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.73 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

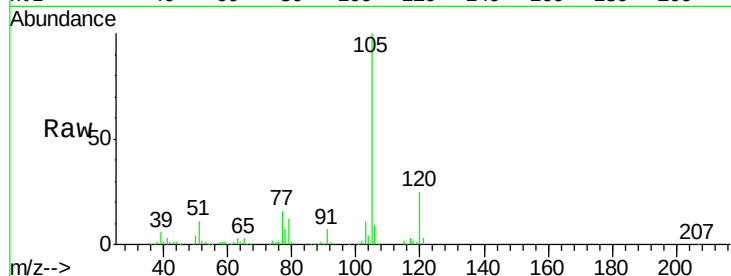
VSTDIC005

Tgt Ion: 105 Resp: 239532

Ion Ratio Lower Upper

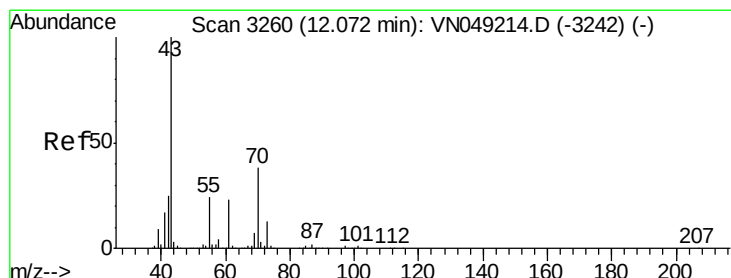
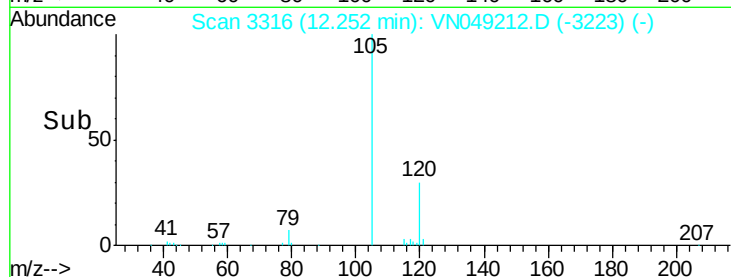
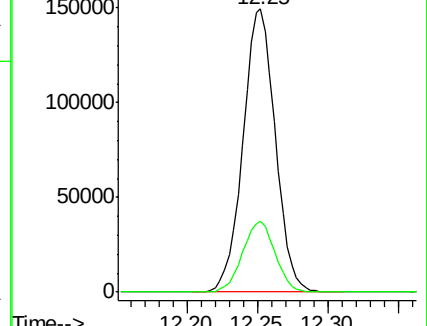
105 100

120 25.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.94 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Tgt Ion: 43 Resp: 61383

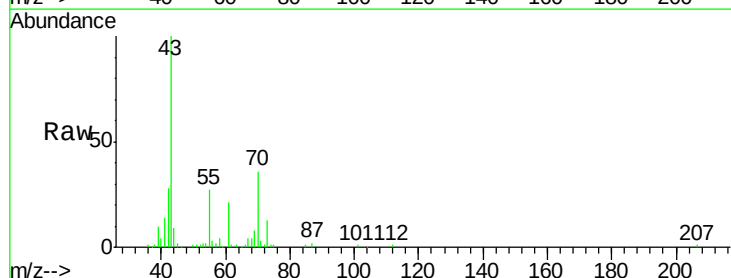
Ion Ratio Lower Upper

43 100

70 35.7 30.3 45.5

55 26.2 19.4 29.2

61 21.7 17.8 26.6

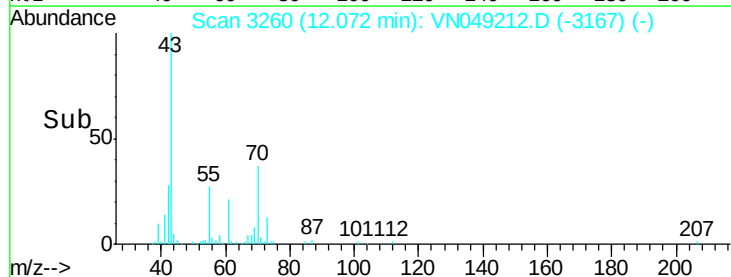
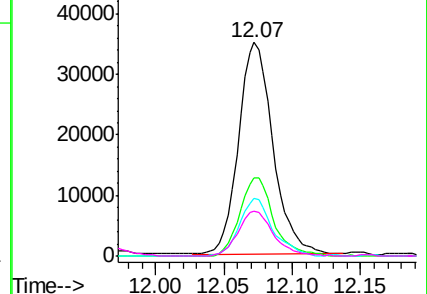


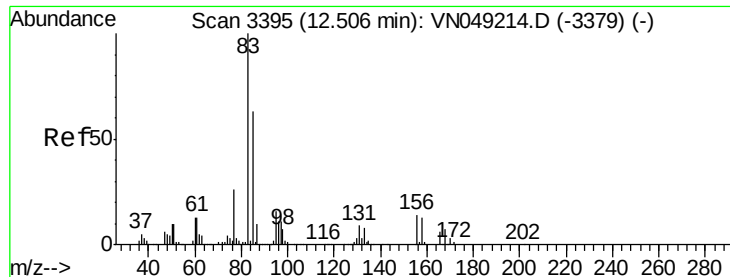
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 6.55 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

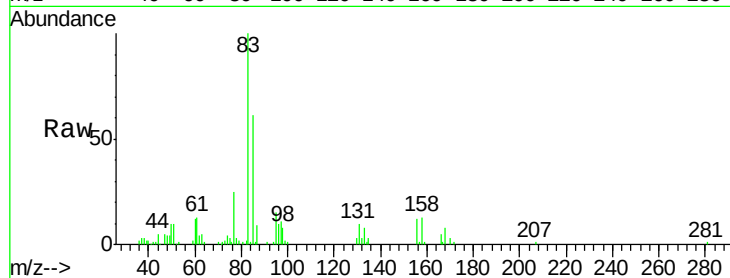
Tgt Ion: 83 Resp: 66846

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

85 60.7 32.0 96.0

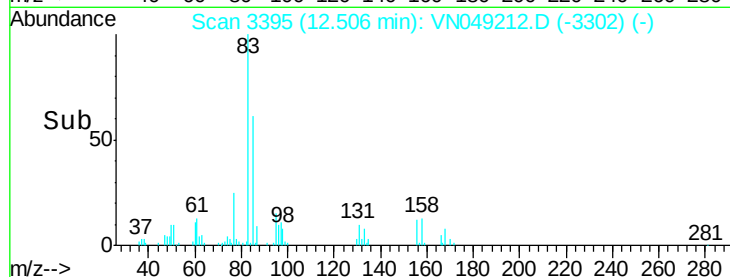


Abundance Ion 82.90 (82.60 to 83.60): VN049212.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN049212.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN049212.D (-3379) (-)

Time-->



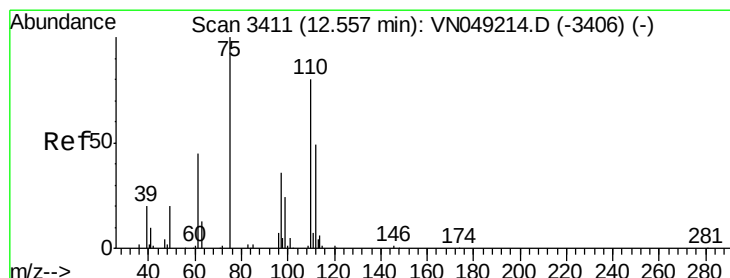
Abundance

Ion 82.90 (82.60 to 83.60): VN049212.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN049212.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN049212.D (-3379) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 9.13 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049212.D

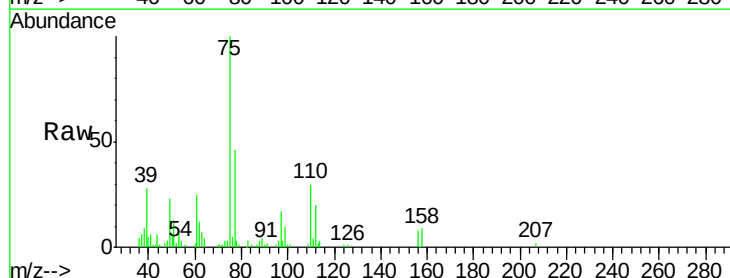
Acq: 13 Jun 2018 20:35

Tgt Ion: 75 Resp: 79233

Ion Ratio Lower Upper

75 100

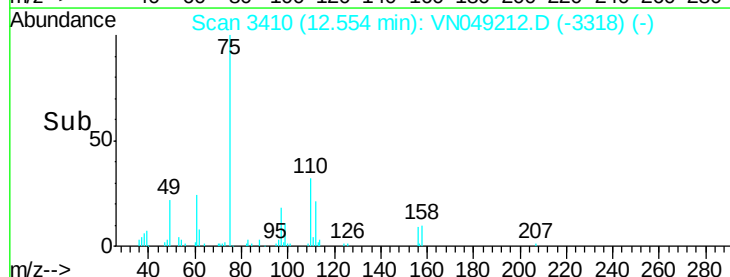
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049212.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049212.D (-3318) (-)

Time-->

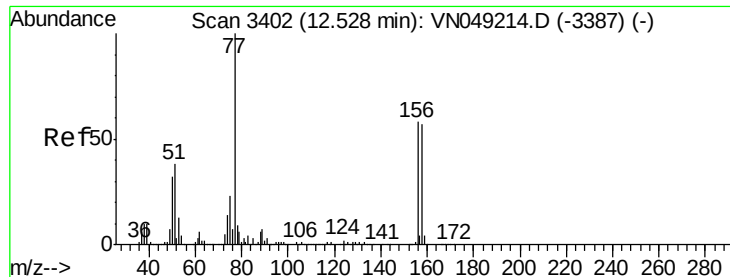


Abundance

Ion 74.90 (74.60 to 75.60): VN049212.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049212.D (-3318) (-)

Time-->



#77

Bromobenzene

Concen: 5.88 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

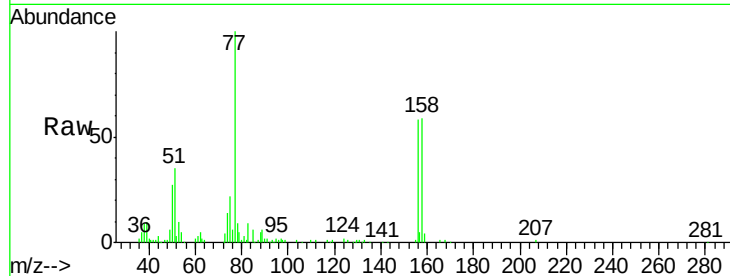
Tgt Ion:156 Resp: 57704

Ion Ratio Lower Upper

156 100

77 209.5 100.8 302.4

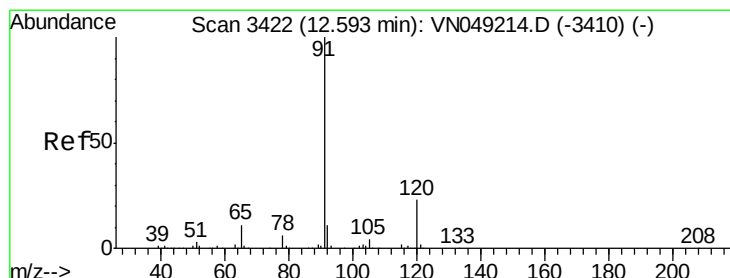
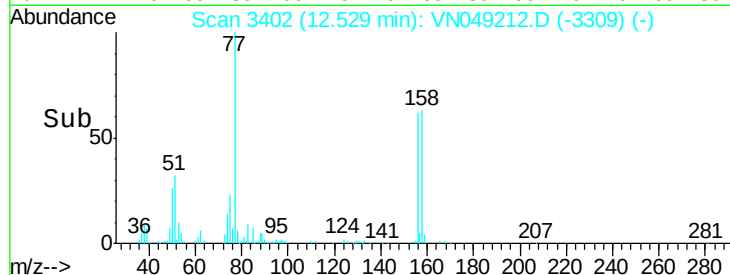
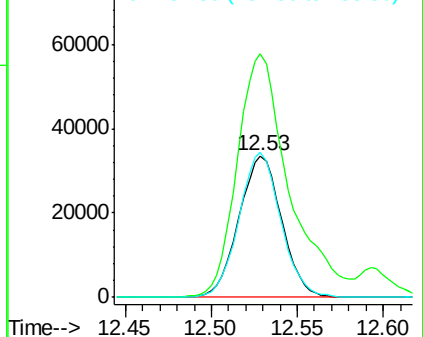
158 100.5 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.14 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049212.D

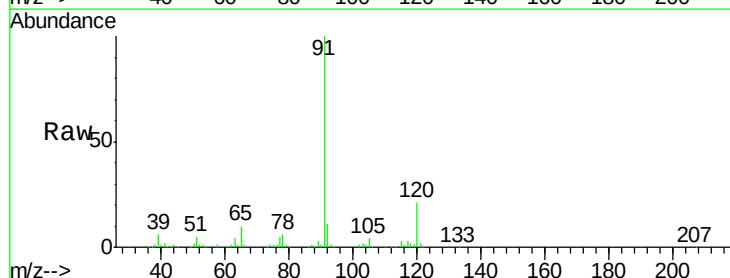
Acq: 13 Jun 2018 20:35

Tgt Ion: 91 Resp: 245524

Ion Ratio Lower Upper

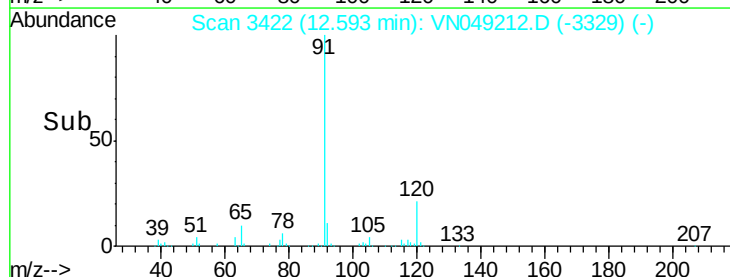
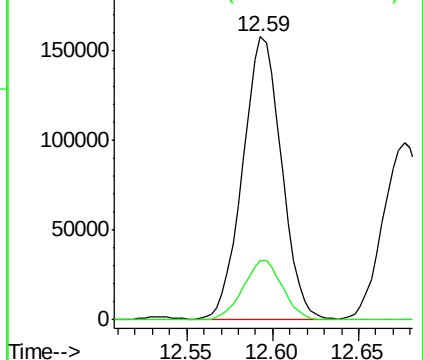
91 100

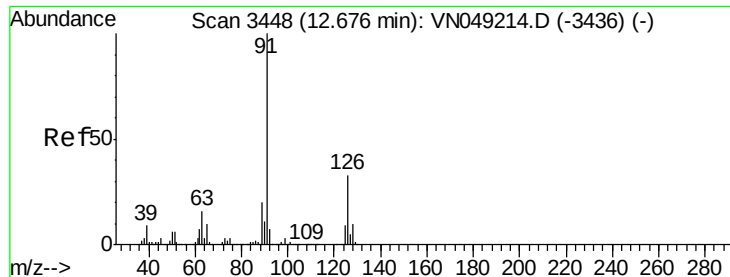
120 21.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.78 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

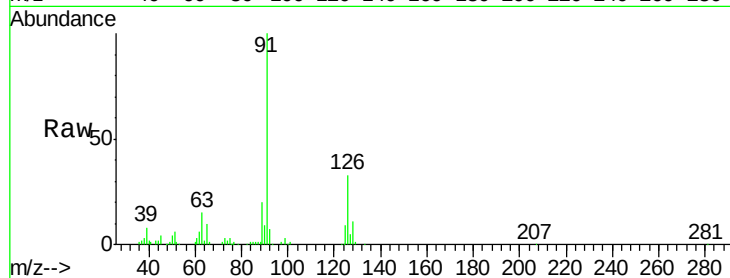
VSTDIC005

Tgt Ion: 91 Resp: 167608

Ion Ratio Lower Upper

91 100

126 32.5 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049212.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049212.D (-3436) (-)

120000

100000

80000

60000

40000

20000

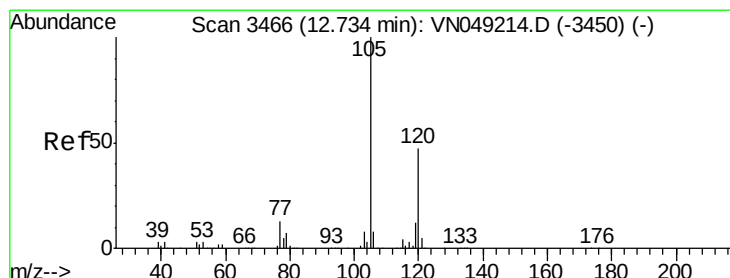
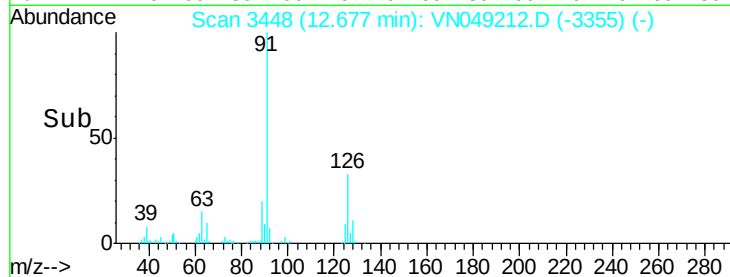
0

12.65

12.68

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.36 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049212.D

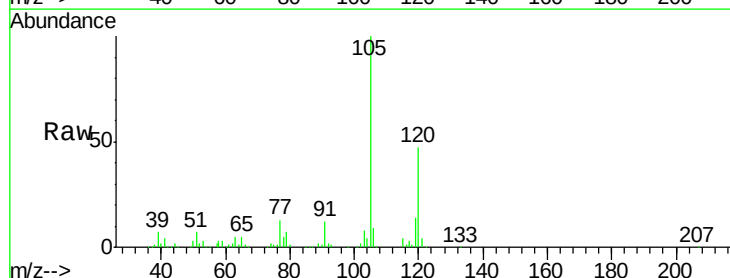
Acq: 13 Jun 2018 20:35

Tgt Ion: 105 Resp: 179141

Ion Ratio Lower Upper

105 100

120 46.7 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049212.D (-3450) (-)

Ion 120.00 (119.70 to 120.70): VN049212.D (-3450) (-)

120000

100000

80000

60000

40000

20000

0

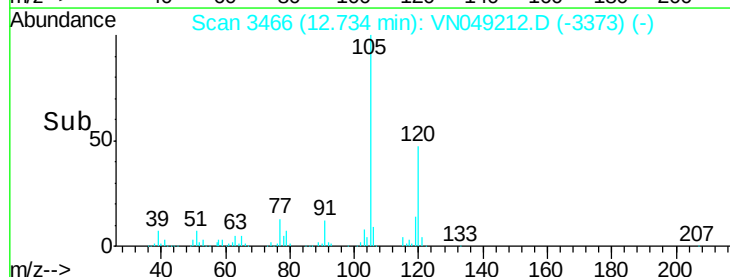
12.65

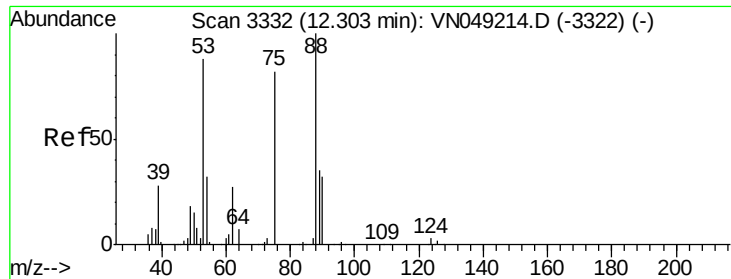
12.70

12.73

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 5.36 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

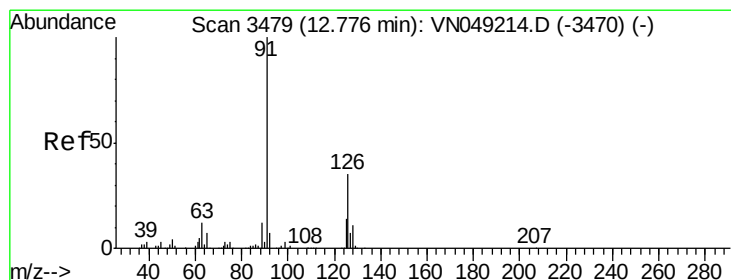
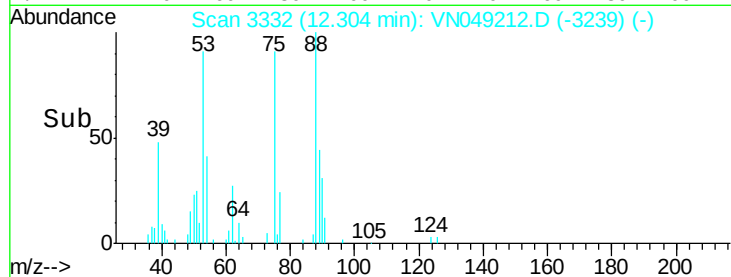
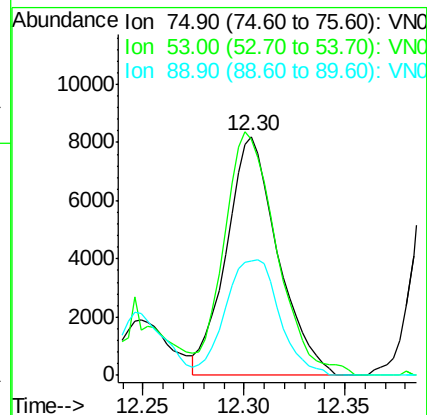
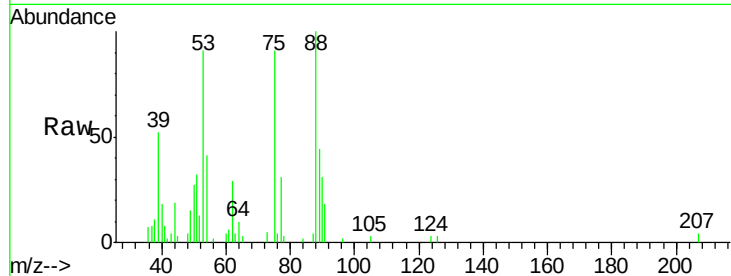
Tgt Ion: 75 Resp: 14604

Ion Ratio Lower Upper

75 100

53 104.8 82.7 124.1

89 50.8 36.5 54.7



#82

4-Chlorotoluene

Concen: 5.38 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049212.D

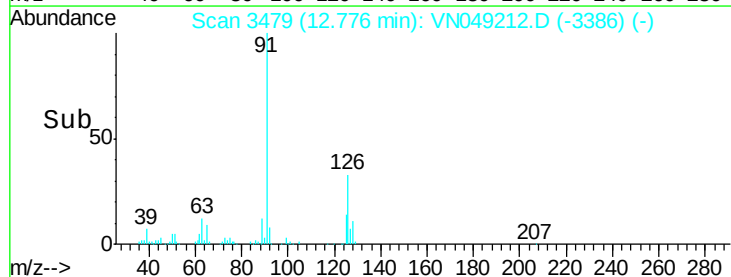
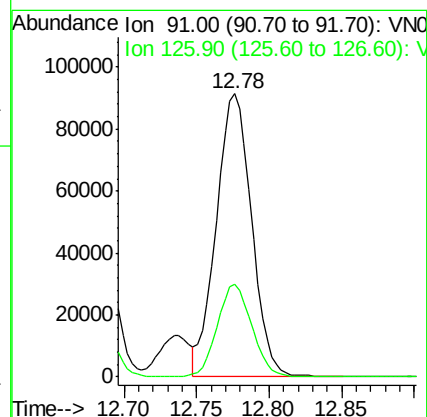
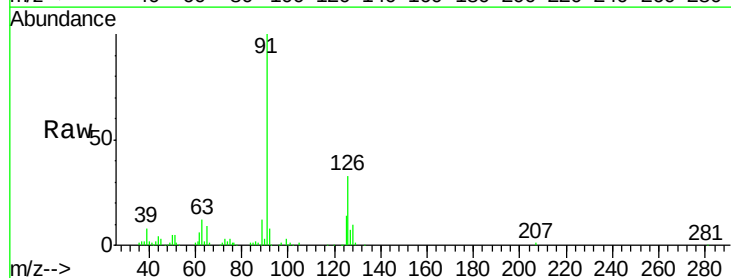
Acq: 13 Jun 2018 20:35

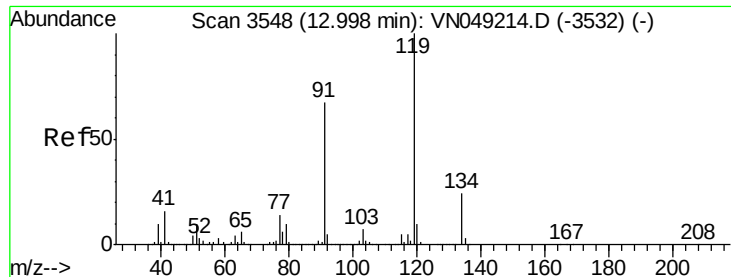
Tgt Ion: 91 Resp: 153465

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.1

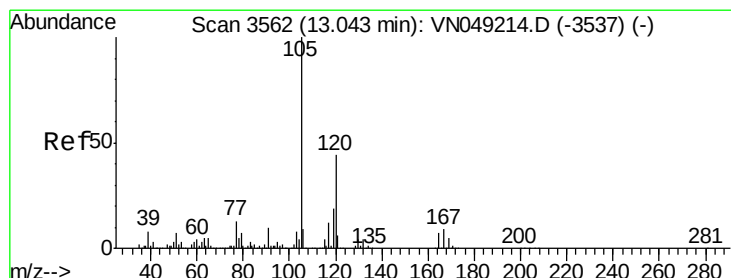
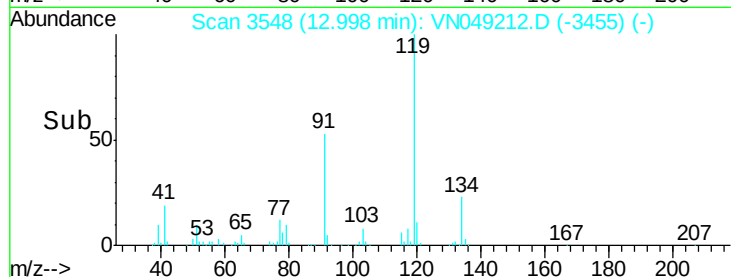
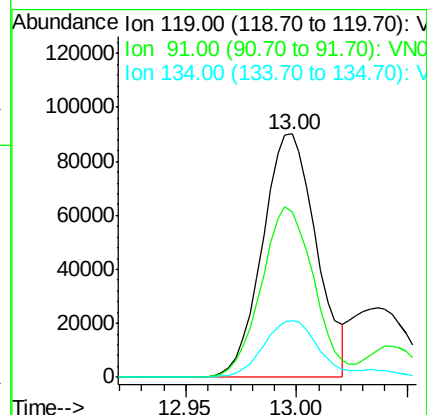
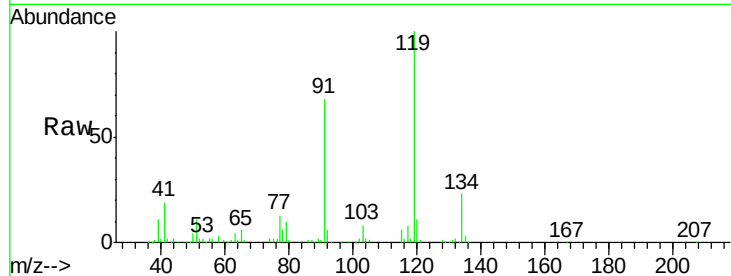




#83
 tert-Butylbenzene
 Concen: 5.42 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

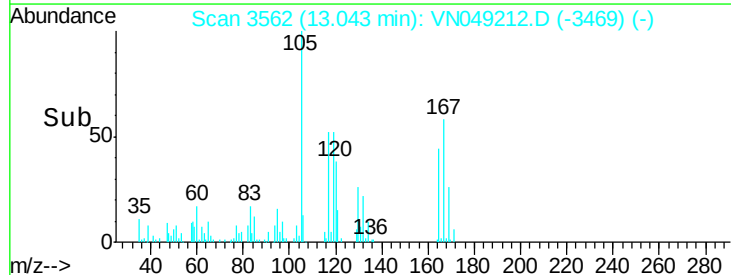
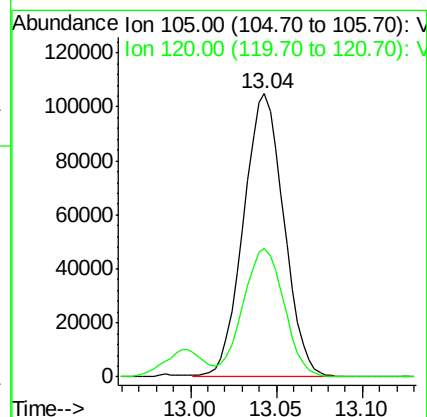
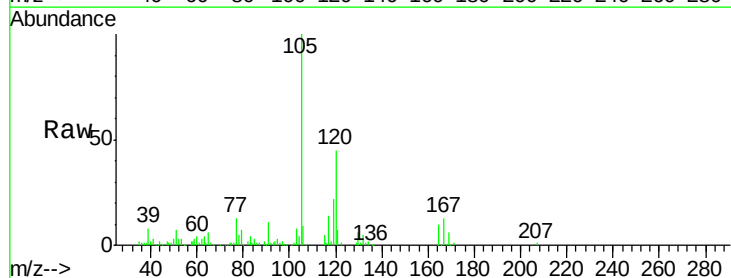
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

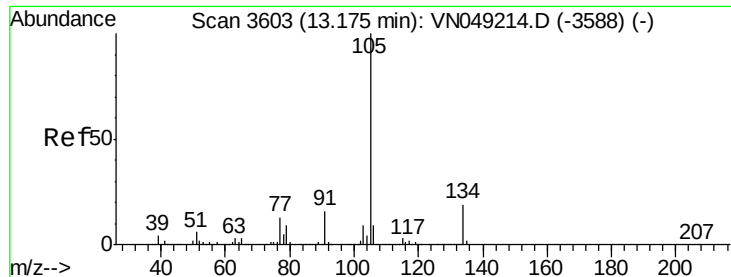
Tgt Ion:119 Resp: 152631
 Ion Ratio Lower Upper
 119 100
 91 68.4 33.7 101.0
 134 23.8 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 5.03 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

Tgt Ion:105 Resp: 169713
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 5.27 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

Instrument :

MSVOA_N

ClientSampleId :

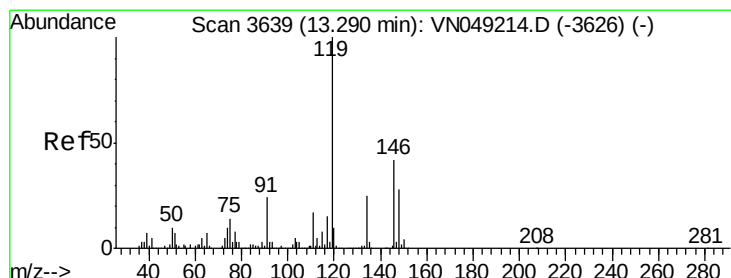
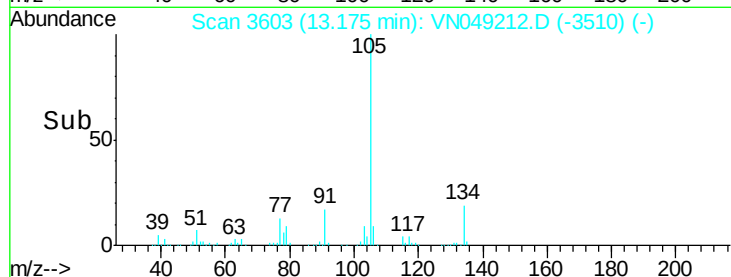
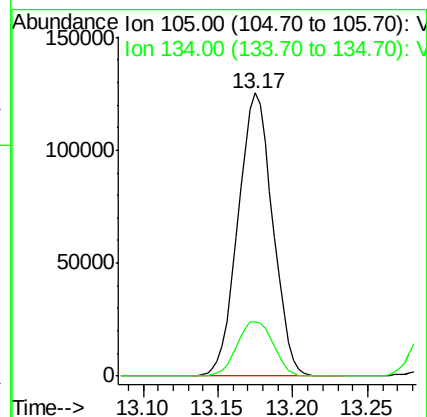
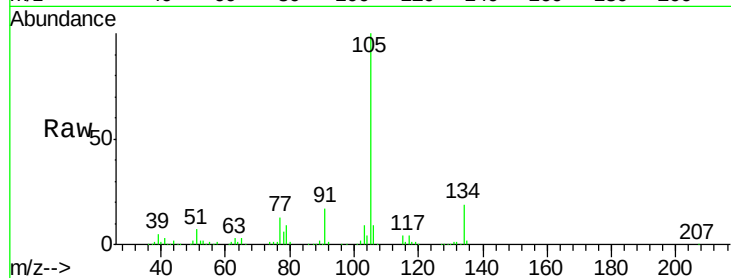
VSTDIC005

Tgt Ion:105 Resp: 201809

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 4.95 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049212.D

Acq: 13 Jun 2018 20:35

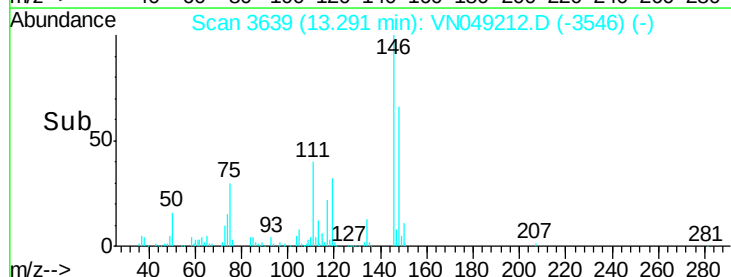
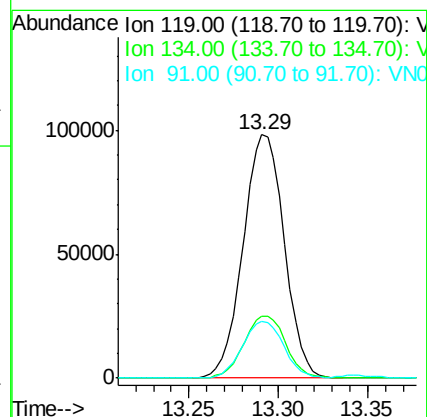
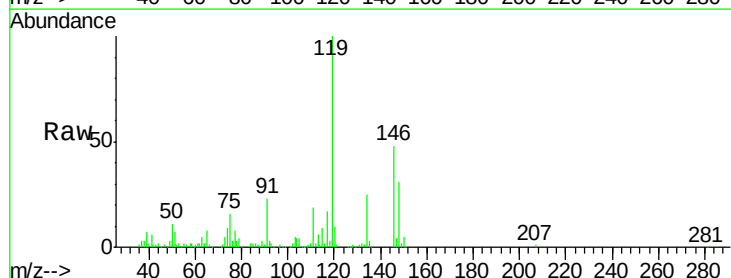
Tgt Ion:119 Resp: 157673

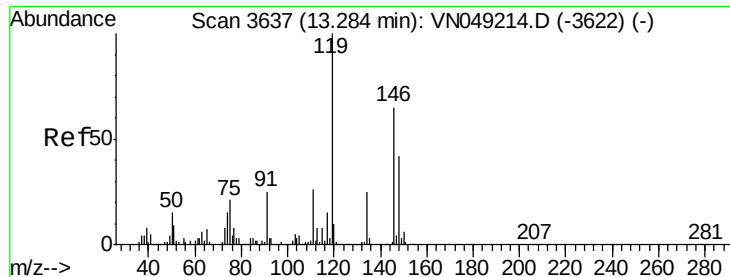
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 23.6 12.1 36.3

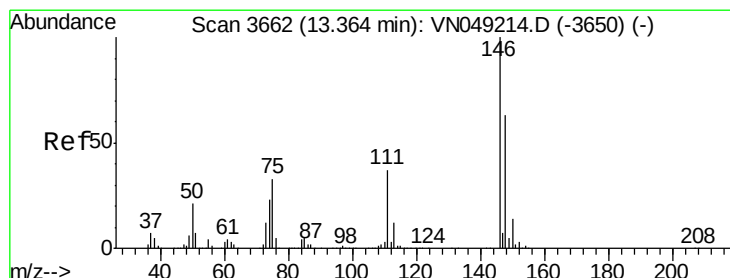
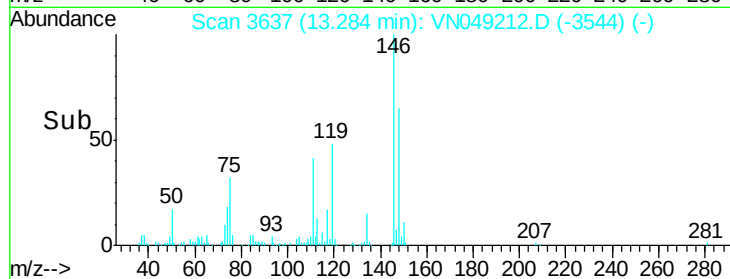
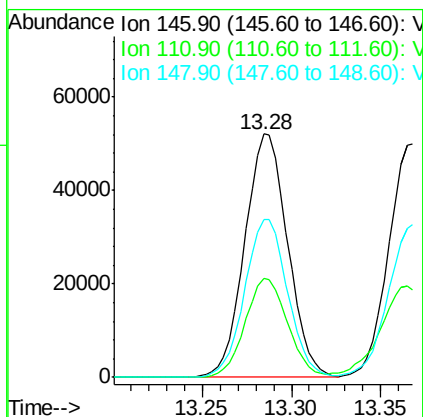
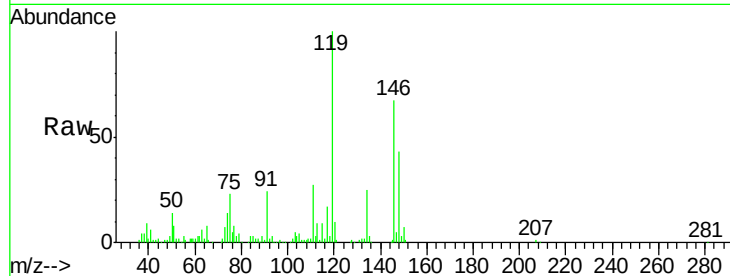




#87
 1,3-Dichlorobenzene
 Concen: 5.17 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

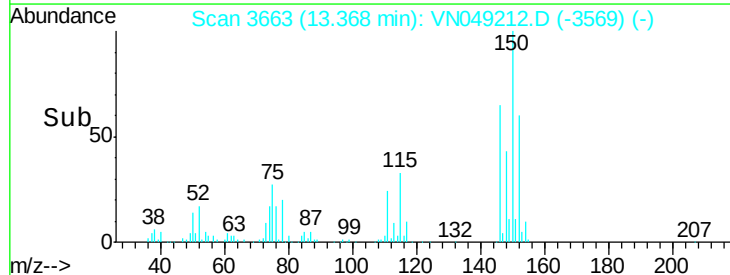
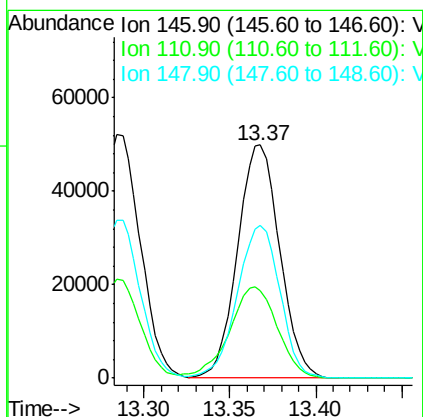
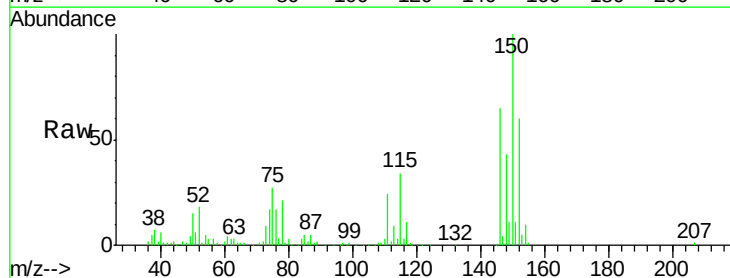
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

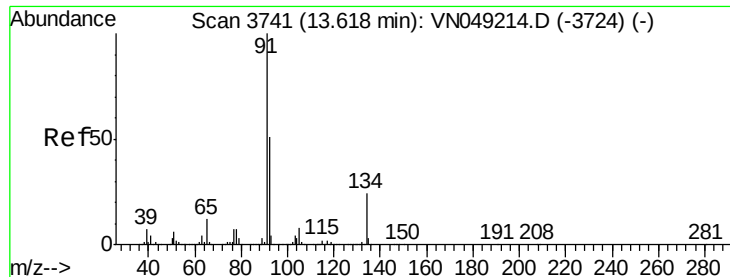
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.6
148	65.0	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 5.21 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	19.1	57.1
148	65.9	32.0	96.2

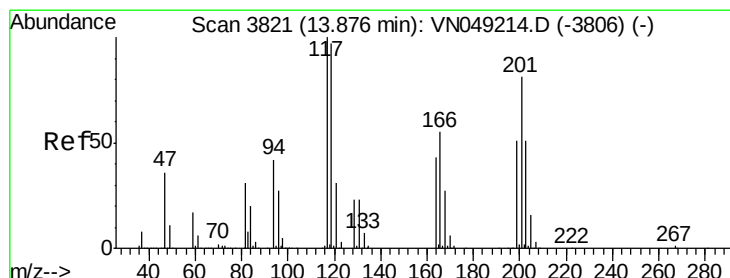
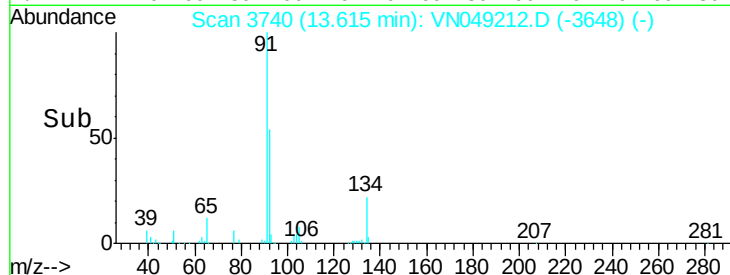
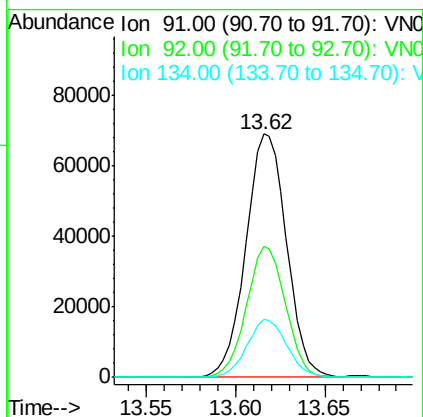
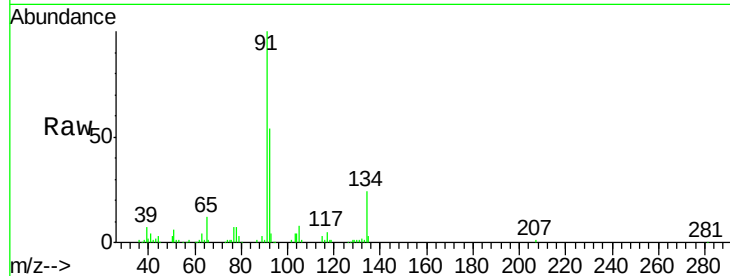




#89
n-Butylbenzene
Concen: 4.27 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

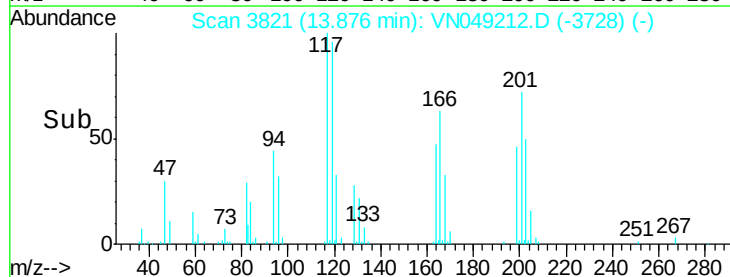
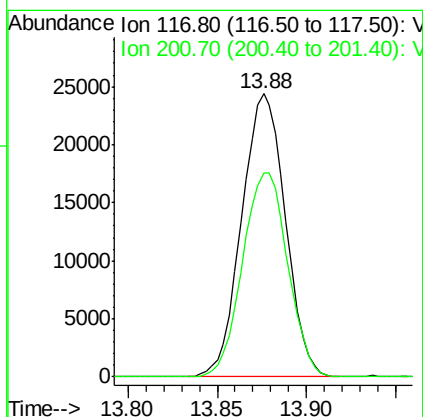
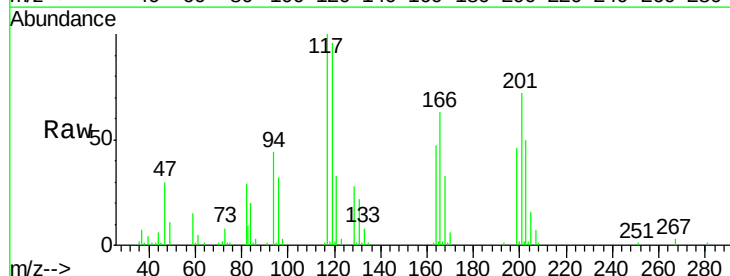
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

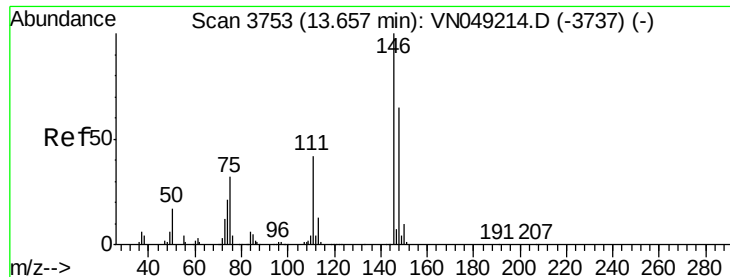
Tgt Ion: 91 Resp: 109961
Ion Ratio Lower Upper
91 100
92 51.8 25.1 75.4
134 23.3 12.0 36.0



#90
Hexachloroethane
Concen: 6.10 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion: 117 Resp: 41604
Ion Ratio Lower Upper
117 100
201 74.7 40.1 120.2

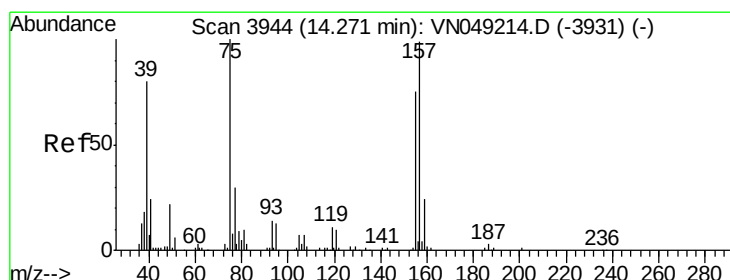
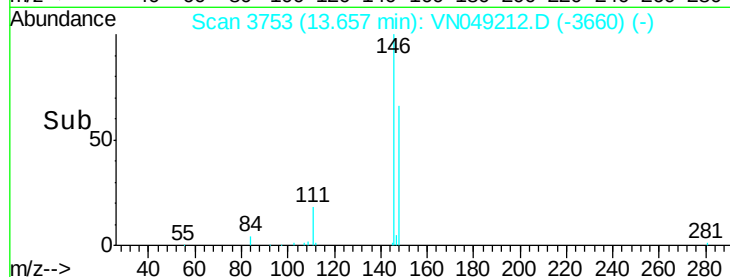
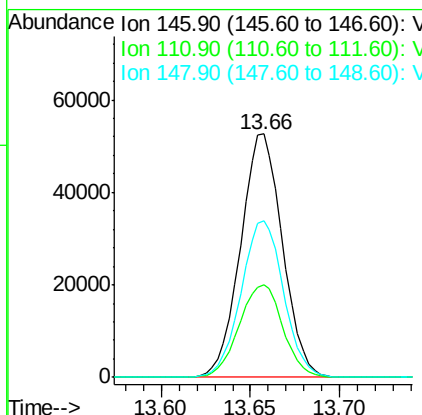
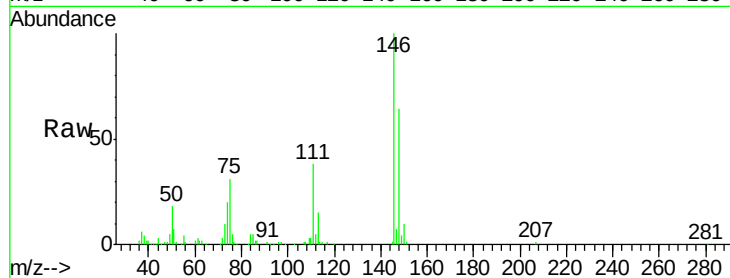




#91
 1,2-Dichlorobenzene
 Concen: 5.31 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

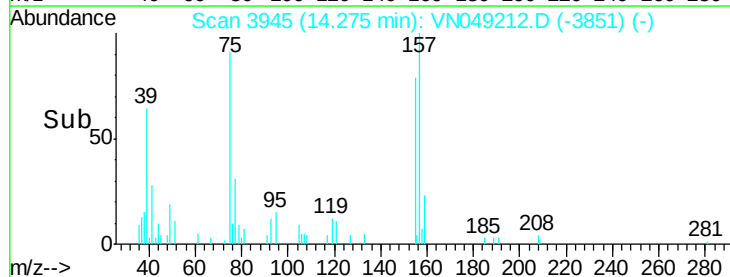
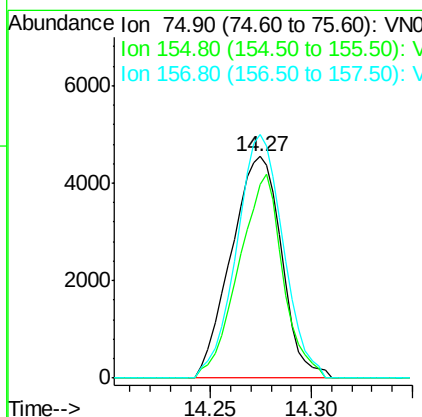
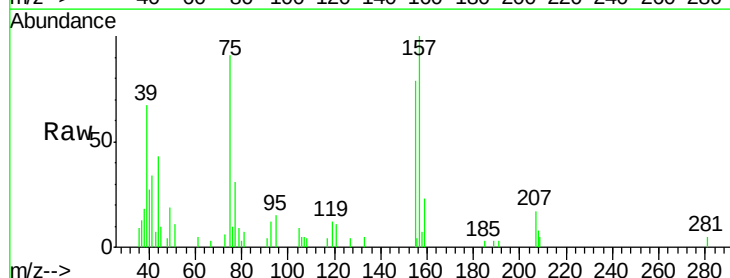
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

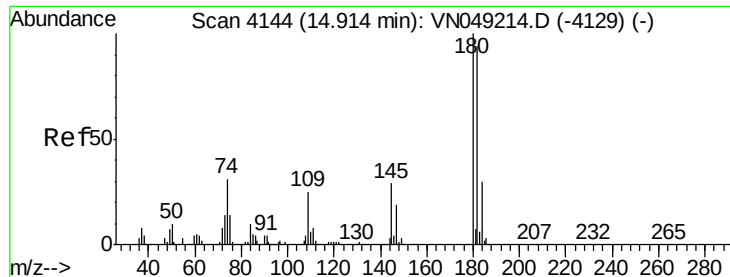
Tgt Ion:146 Resp: 86224
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.8 62.2
 148 65.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.39 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

Tgt Ion: 75 Resp: 7936
 Ion Ratio Lower Upper
 75 100
 155 80.5 38.8 116.3
 157 102.1 51.0 153.1

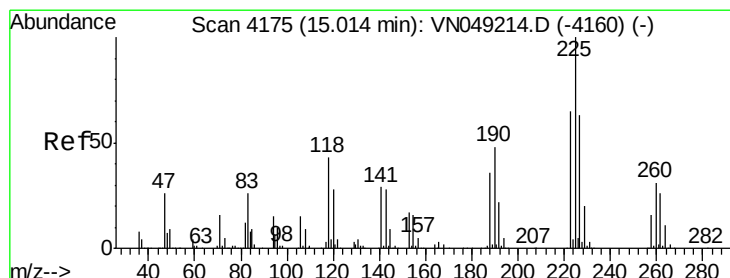
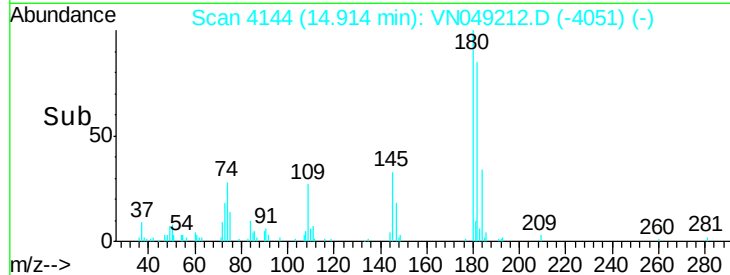
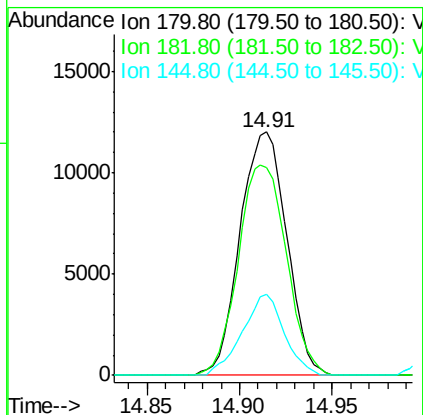
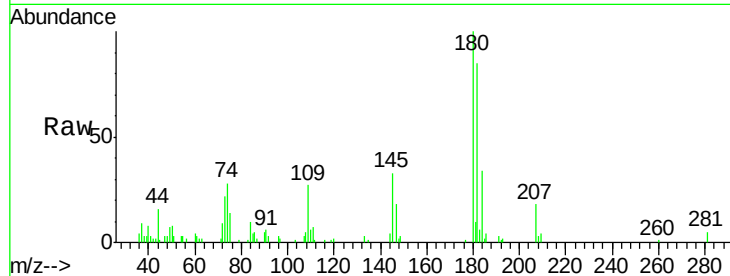




#93
 1,2,4-Trichlorobenzene
 Concen: 3.27 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

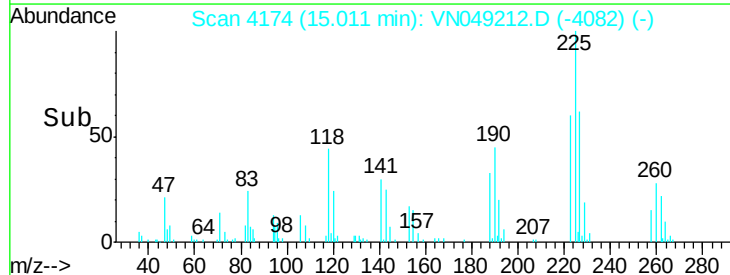
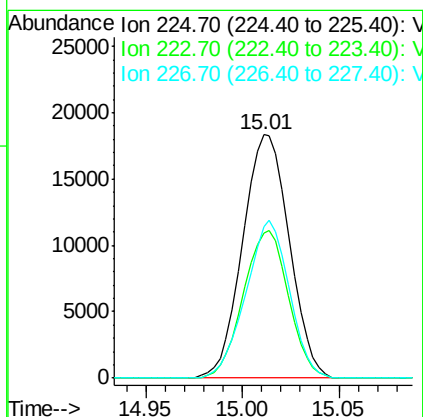
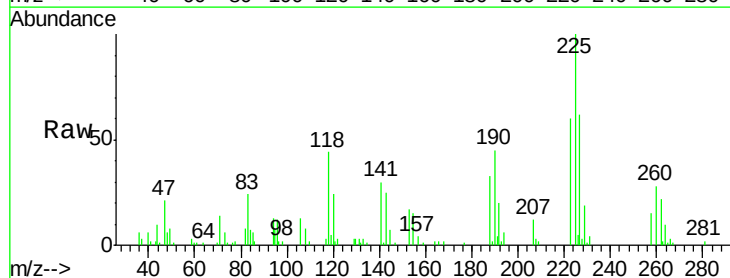
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

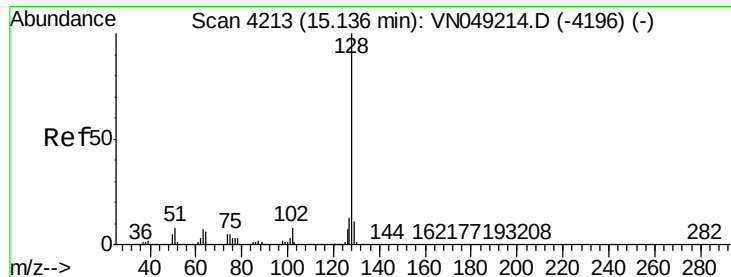
Tgt Ion:180 Resp: 21001
 Ion Ratio Lower Upper
 180 100
 182 89.1 46.9 140.8
 145 30.0 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 6.28 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049212.D
 Acq: 13 Jun 2018 20:35

Tgt Ion:225 Resp: 30784
 Ion Ratio Lower Upper
 225 100
 223 58.5 32.1 96.3
 227 60.3 31.8 95.3

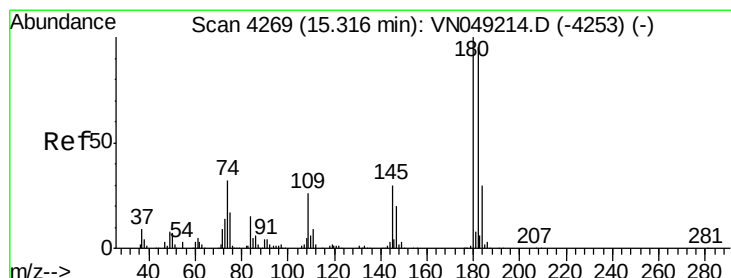
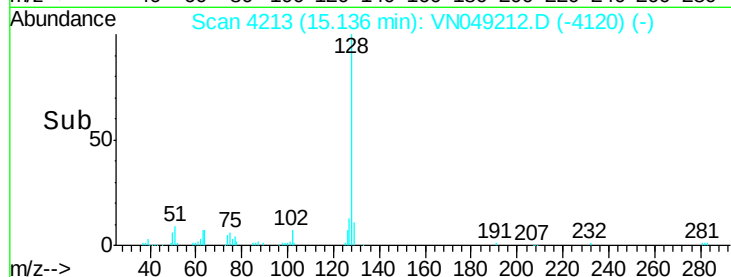
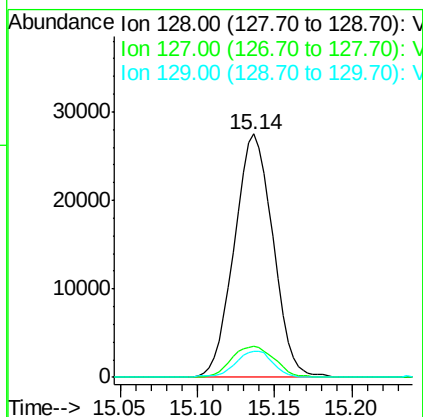
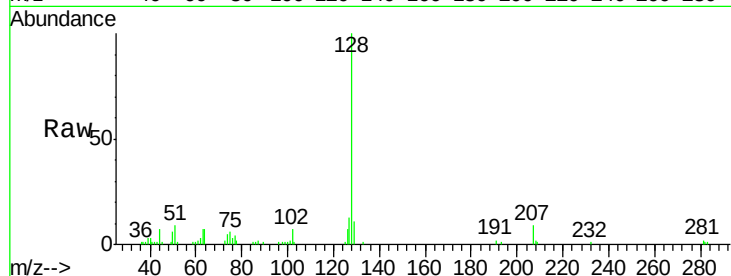




#95
Naphthalene
Concen: 3.39 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 47817
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 10.5 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.53 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049212.D
Acq: 13 Jun 2018 20:35

Tgt Ion:180 Resp: 23133
Ion Ratio Lower Upper
180 100
182 102.5 47.3 141.8
145 34.3 15.6 46.7

