

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049225.D
 Acq On : 14 Jun 2018 14:07
 Operator : MD\SY
 Sample : VN0614WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 15 04:02:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	926923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1494308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1347478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	624390	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	761489	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.59	113	625475	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.09	98	2410649	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	770272	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	245240	18.37	ug/l	100
3) Chloromethane	2.06	50	243506	17.85	ug/l	99
4) Vinyl Chloride	2.18	62	244237	17.46	ug/l	98
5) Bromomethane	2.57	94	91891	10.75	ug/l	96
6) Chloroethane	2.70	64	161732	17.12	ug/l	99
7) Trichlorofluoromethane	3.01	101	358830	18.22	ug/l	97
8) Diethyl Ether	3.41	74	99159	13.56	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	169918	13.33	ug/l	99
10) Methyl Iodide	3.95	142	93414	7.53	ug/l	100
11) Tert butyl alcohol	4.80	59	60871	74.61	ug/l	100
12) 1,1-Dichloroethene	3.73	96	155511	13.43	ug/l	97
13) Acrolein	3.61	56	65079	58.59	ug/l	97
14) Allyl chloride	4.32	41	268288	12.34	ug/l	98
15) Acrylonitrile	4.99	53	297844	67.83	ug/l	98
16) Acetone	3.82	43	231007	64.59	ug/l	96
17) Carbon Disulfide	4.05	76	495247	12.54	ug/l	100
18) Methyl Acetate	4.33	43	165663	14.00	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	465570	14.76	ug/l	100
20) Methylene Chloride	4.55	84	195208	13.44	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	171618	13.37	ug/l	99
22) Diisopropyl ether	5.96	45	691345	15.93	ug/l	99
23) Vinyl Acetate	5.90	43	2003237	69.83	ug/l	99
24) 1,1-Dichloroethane	5.85	63	362704	14.02	ug/l	99
25) 2-Butanone	6.84	43	498802	97.41	ug/l	98
26) 2,2-Dichloropropane	6.82	77	207686	10.71	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	272445	19.49	ug/l	94
28) Bromochloromethane	7.20	49	240999	19.63	ug/l	98
29) Tetrahydrofuran	7.22	42	343177	104.17	ug/l	98
30) Chloroform	7.37	83	478584	19.26	ug/l	98
31) Cyclohexane	7.66	56	450199	20.00	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	407363	19.03	ug/l	98
36) 1,1-Dichloropropene	7.79	75	368256	19.72	ug/l	99
37) Ethyl Acetate	6.94	43	237151	20.12	ug/l	99
38) Carbon Tetrachloride	7.77	117	356228	18.94	ug/l	98

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 ClientSampleId :

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 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	362793	18.81	ug/l	98
40) Benzene	8.04	78	1095287	19.36	ug/l	99
41) Methacrylonitrile	7.17	41	135453	20.31	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	356365	19.09	ug/l	97
43) Isopropyl Acetate	8.17	43	448319	20.69	ug/l	98
44) Trichloroethene	8.84	130	271568	19.23	ug/l	98
45) 1,2-Dichloropropane	9.12	63	303061	19.48	ug/l	97
46) Dibromomethane	9.21	93	164420	19.13	ug/l	97
47) Bromodichloromethane	9.40	83	364627	18.83	ug/l	98
48) Methyl methacrylate	9.20	41	194901	18.41	ug/l	91
49) 1,4-Dioxane	9.20	88	48810	390.35	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1144285	99.15	ug/l	98
52) Toluene	10.16	92	648121	19.69	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	317490	17.25	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	370946	17.39	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	231965	19.21	ug/l	98
56) Ethyl methacrylate	10.43	69	285991	19.64	ug/l	94
57) 1,3-Dichloropropane	10.71	76	405758	19.59	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	447208	89.79	ug/l	100
59) 2-Hexanone	10.75	43	706059	98.19	ug/l	98
60) Dibromochloromethane	10.90	129	252186	18.83	ug/l	100
61) 1,2-Dibromoethane	11.01	107	222041	19.88	ug/l	97
64) Tetrachloroethene	10.63	164	299277	22.17	ug/l	99
65) Chlorobenzene	11.44	112	672779	19.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	251102	18.99	ug/l	99
67) Ethyl Benzene	11.51	91	1190402	19.85	ug/l	97
68) m/p-Xylenes	11.62	106	897699	40.94	ug/l	99
69) o-Xylene	11.95	106	431141	20.41	ug/l	97
70) Styrene	11.97	104	687534	20.56	ug/l	98
71) Bromoform	12.13	173	158540	19.18	ug/l #	99
73) Isopropylbenzene	12.25	105	1143003	19.06	ug/l	99
74) N-amyl acetate	12.07	43	313238	18.34	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	277592	21.02	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	326204	30.66	ug/l #	100
77) Bromobenzene	12.53	156	272722	20.56	ug/l	97
78) n-propylbenzene	12.59	91	1301004	19.53	ug/l	99
79) 2-Chlorotoluene	12.68	91	799102	19.02	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	929054	20.20	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	55499	14.85	ug/l	95
82) 4-Chlorotoluene	12.78	91	782761	19.64	ug/l	100
83) tert-Butylbenzene	12.99	119	764827	19.31	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	934229	20.44	ug/l	100
85) sec-Butylbenzene	13.17	105	1041684	19.73	ug/l	99
86) p-Isopropyltoluene	13.29	119	842282	19.69	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	459728	19.59	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	436595	18.89	ug/l	98
89) n-Butylbenzene	13.62	91	648096	18.33	ug/l	99
90) Hexachloroethane	13.88	117	172146	18.84	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	452575	19.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39306	18.84	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu Jun 14 05:15:23 2018
Response via : Initial Calibration

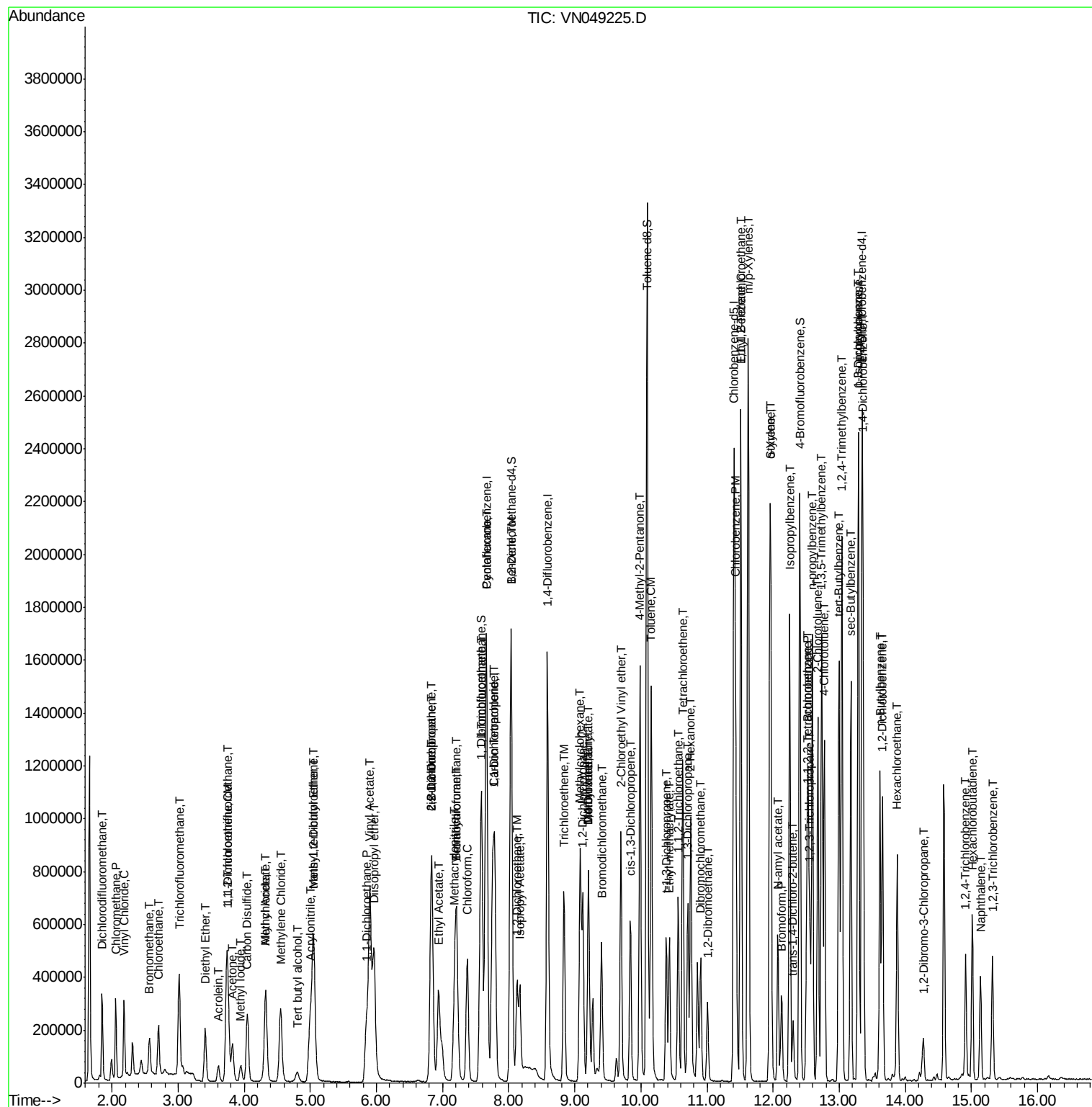
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	147639	17.97	ug/l	100
94) Hexachlorobutadiene	15.01	225	124020	17.77	ug/l	98
95) Naphthalene	15.14	128	328947	18.94	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	160403	17.60	ug/l	97

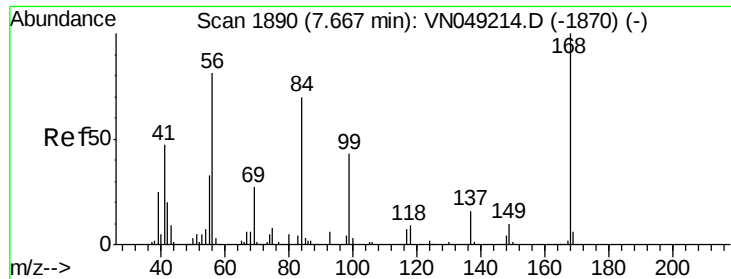
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

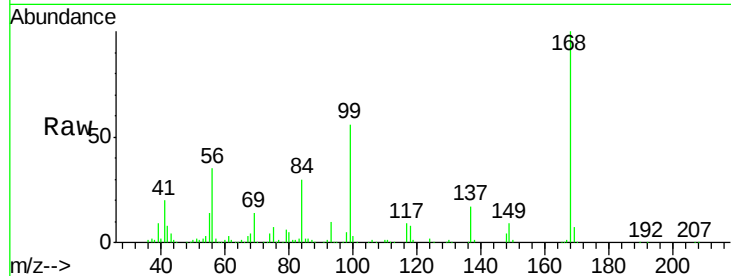
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 926923

Ion Ratio Lower Upper

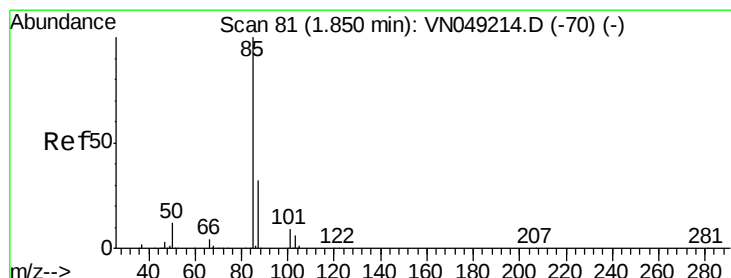
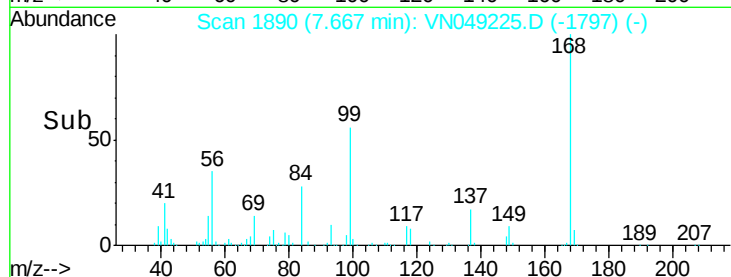
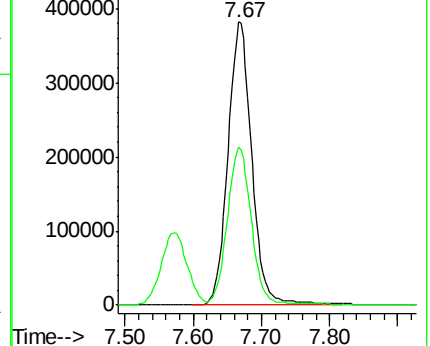
168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.37 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049225.D

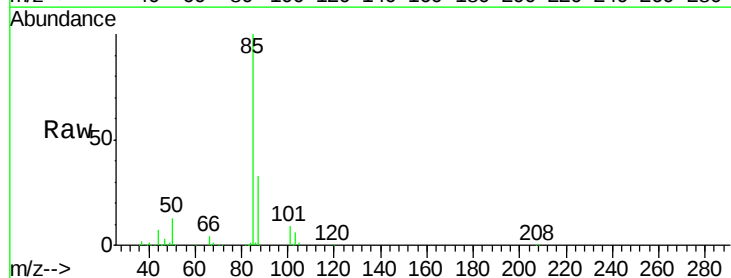
Acq: 14 Jun 2018 14:07

Tgt Ion: 85 Resp: 245240

Ion Ratio Lower Upper

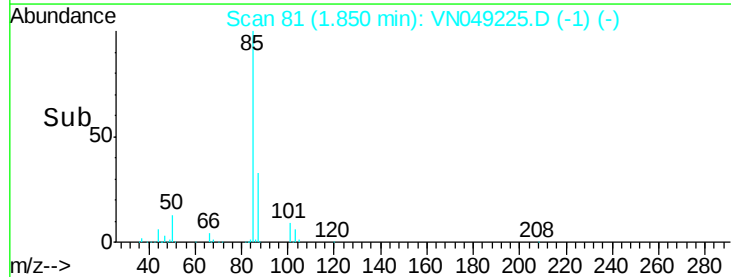
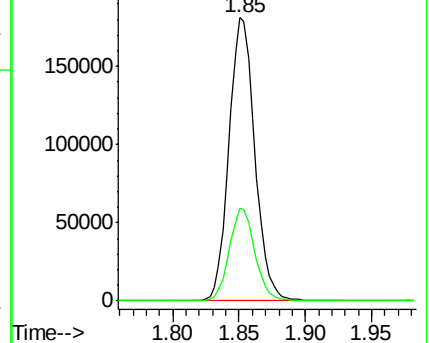
85 100

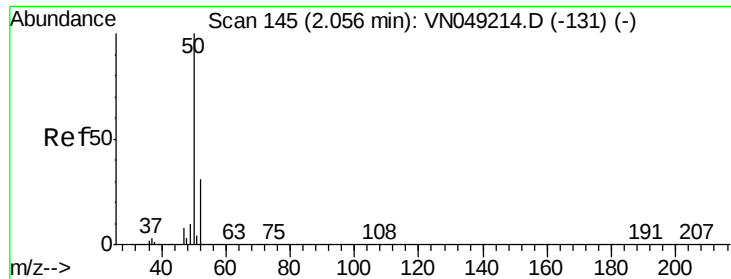
87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.85 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

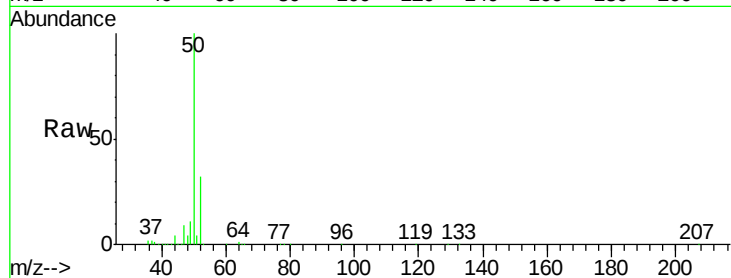
ClientSampled :

Tot Ion: 50 Resp: 243506

Ion Ratio Lower Upper

50 100

52 32.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049225.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049225.D (-52) (-)

2.06

200000

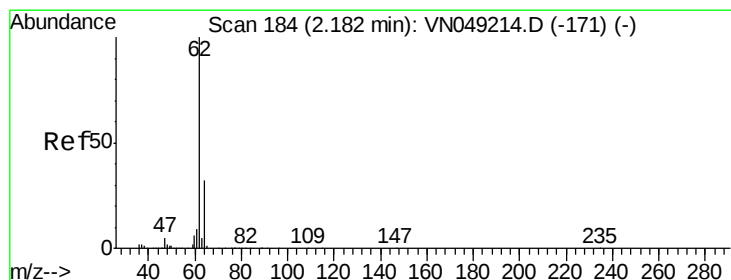
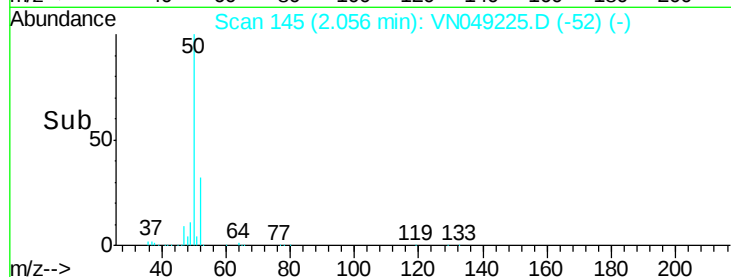
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 17.46 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049225.D

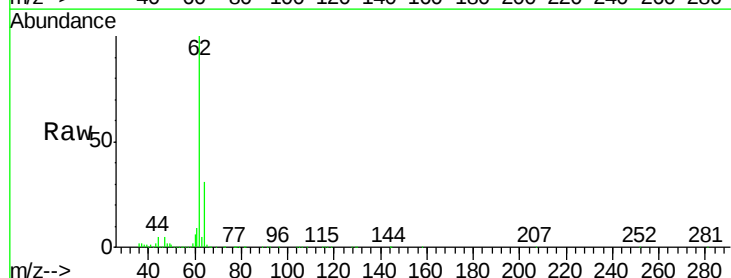
Acq: 14 Jun 2018 14:07

Tgt Ion: 62 Resp: 244237

Ion Ratio Lower Upper

62 100

64 30.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049225.D (-91) (-)

Ion 63.90 (63.60 to 64.60): VN049225.D (-91) (-)

2.18

200000

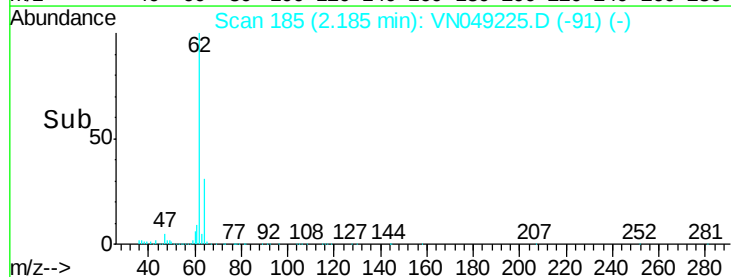
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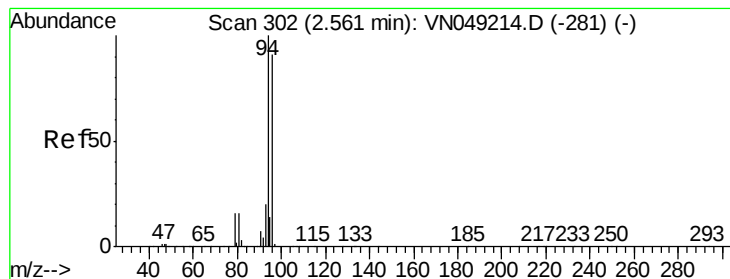
100000

50000

0

Time-->





#5

Bromomethane

Concen: 10.75 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

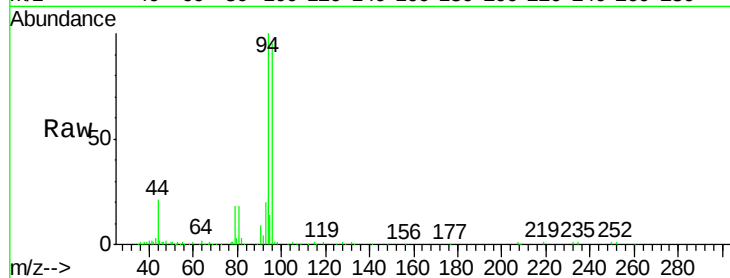
ClientSampled :

Tot Ion: 94 Resp: 91891

Ion Ratio Lower Upper

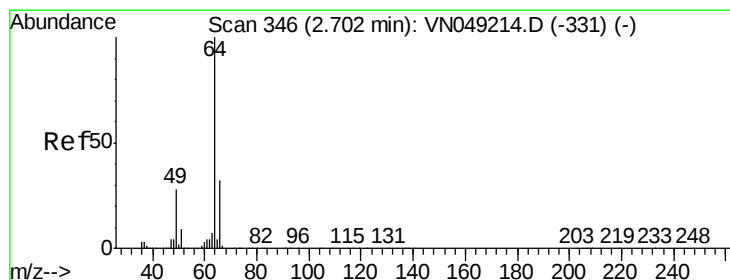
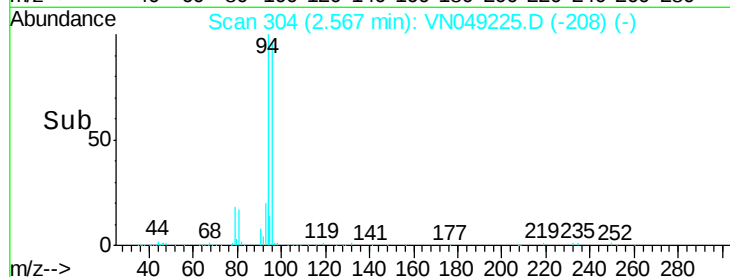
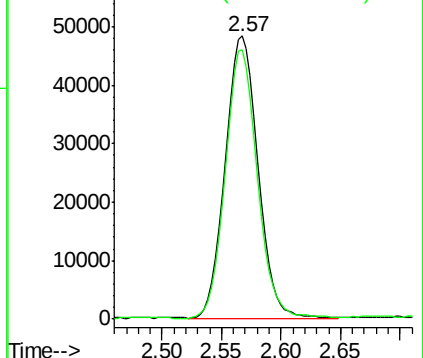
94 100

96 95.2 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.12 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049225.D

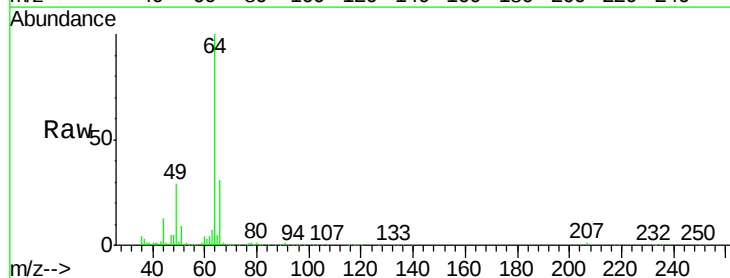
Acq: 14 Jun 2018 14:07

Tgt Ion: 64 Resp: 161732

Ion Ratio Lower Upper

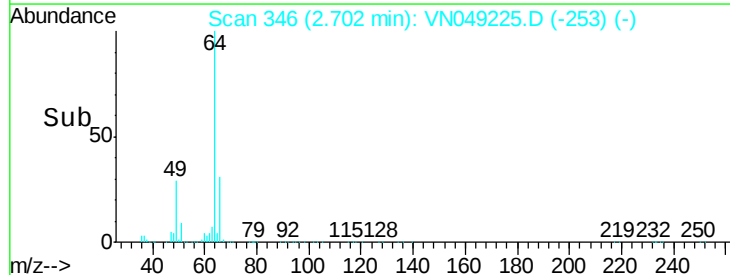
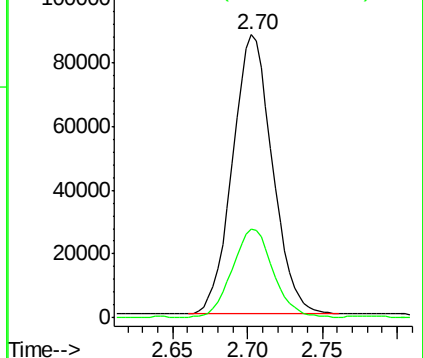
64 100

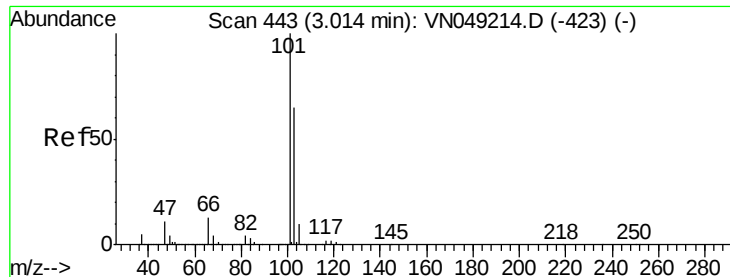
66 31.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



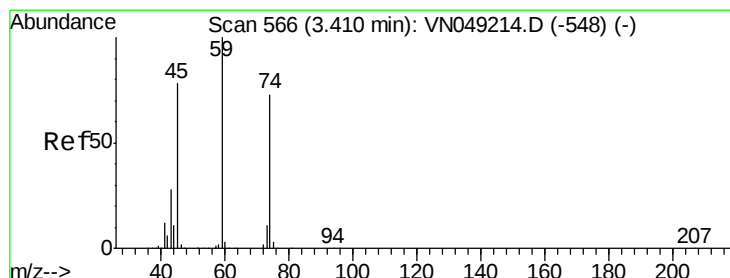
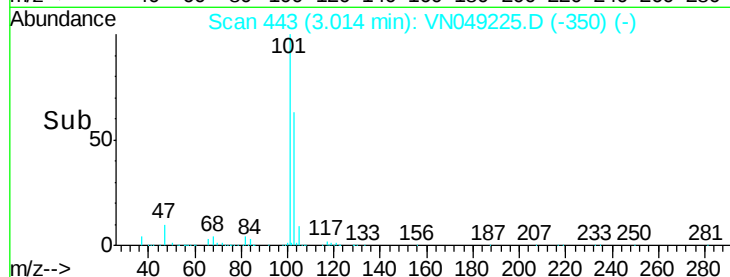
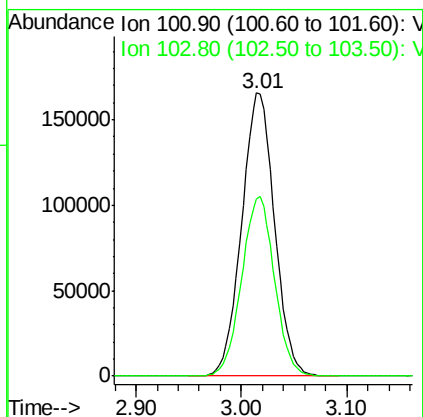
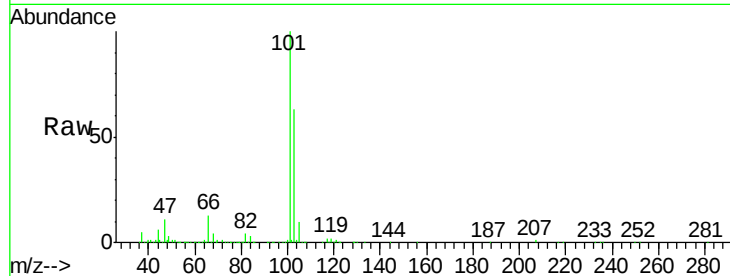


#7

Trichlorofluoromethane
Concen: 18.22 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Instrument :
MSVOA_N
ClientSampled :

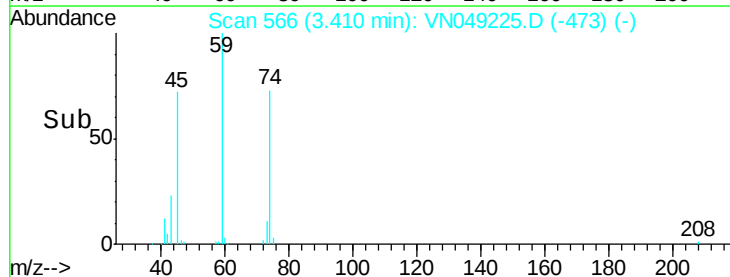
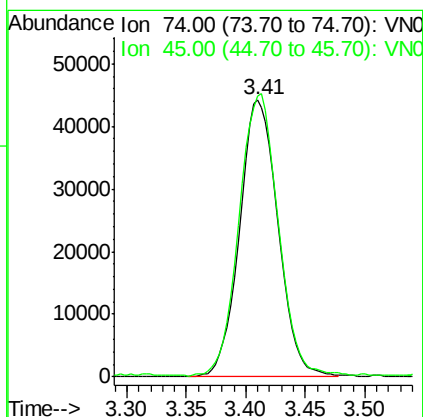
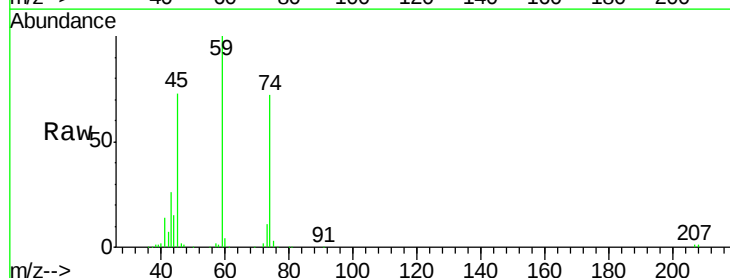
Tot Ion:101 Resp: 358830
Ion Ratio Lower Upper
101 100
103 62.6 51.7 77.5

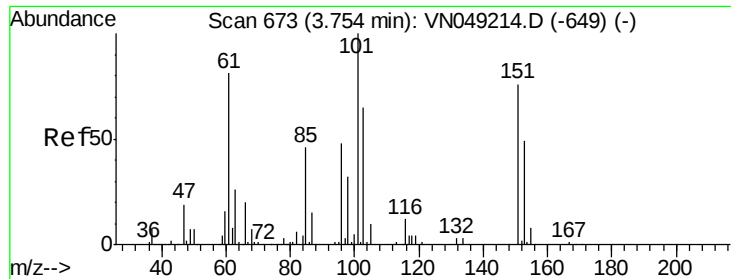


#8

Diethyl Ether
Concen: 13.56 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion: 74 Resp: 99159
Ion Ratio Lower Upper
74 100
45 103.4 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.33 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

ClientSampled :

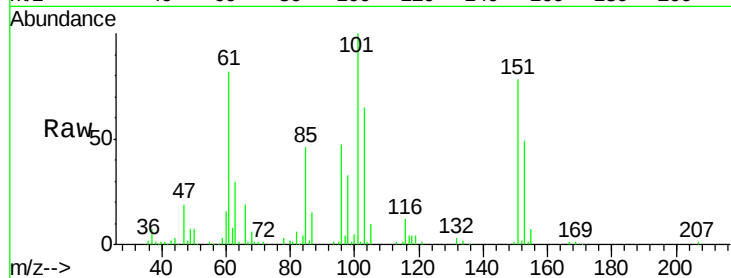
Tot Ion:101 Resp: 169918

Ion Ratio Lower Upper

101 100

85 45.9 37.6 56.4

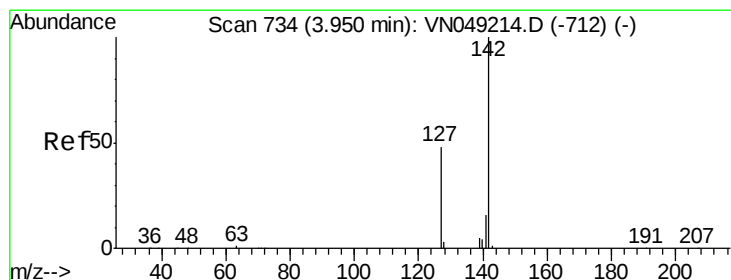
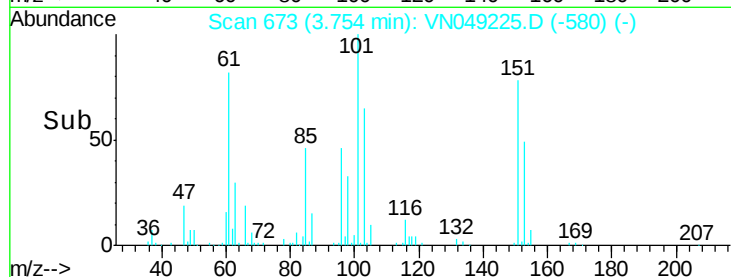
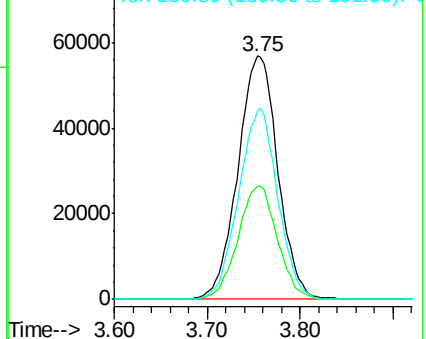
151 76.7 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 7.53 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

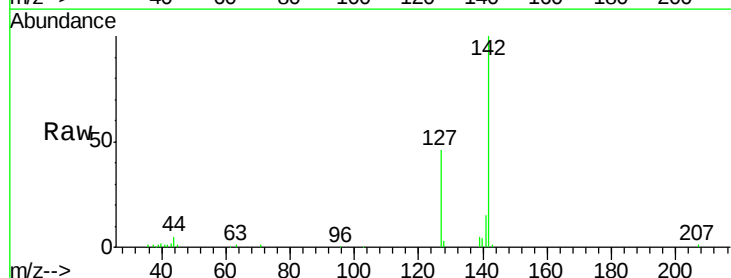
Tgt Ion:142 Resp: 93414

Ion Ratio Lower Upper

142 100

127 47.6 38.2 57.4

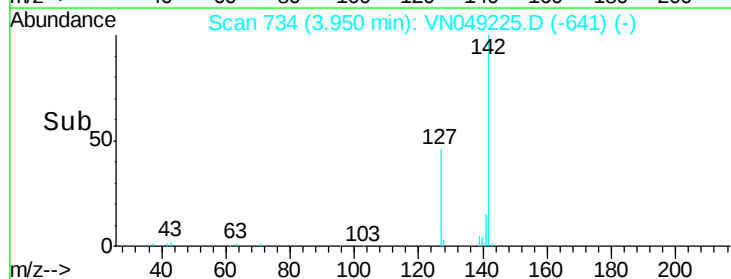
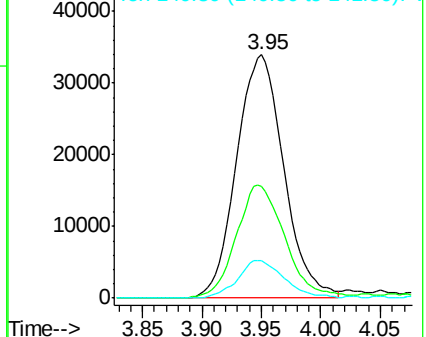
141 15.3 11.9 17.9

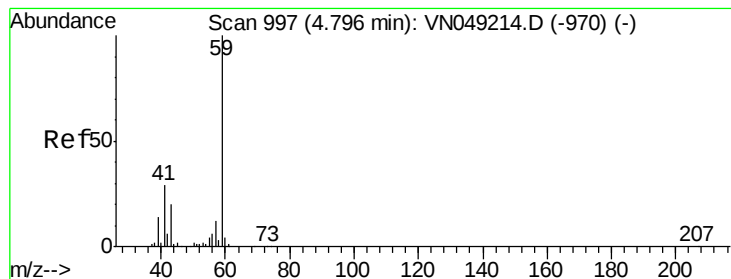


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 74.61 ug/l

RT: 4.80 min Scan# 999

Delta R.T. 0.01 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

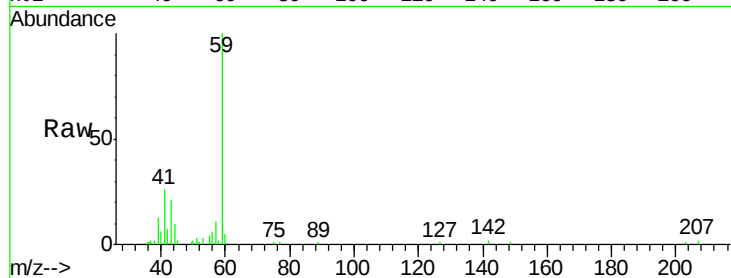
ClientSampleId :

Tot Ion: 59 Resp: 60871

Ion Ratio Lower Upper

59 100

57 11.2 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VN049214.D (-970) (-)

Ion 57.00 (56.70 to 57.70): VN049214.D (-970) (-)

4.80

15000

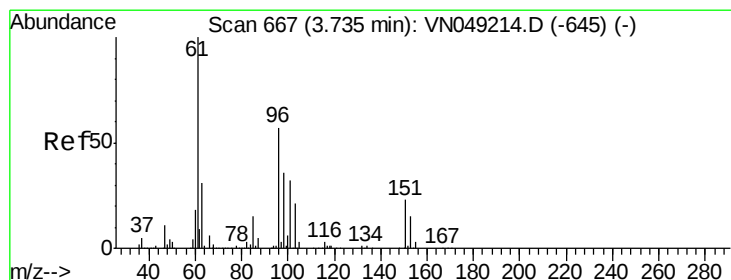
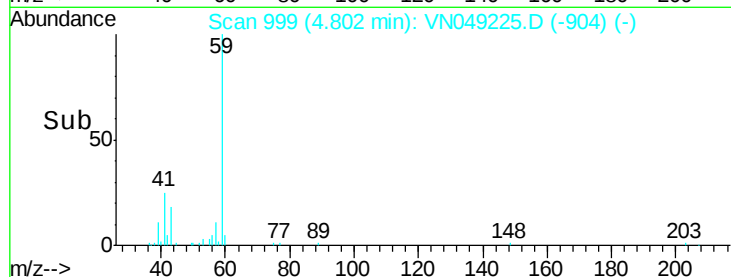
10000

5000

0

4.70 4.80 4.90

Time-->



#12

1,1-Dichloroethene

Concen: 13.43 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

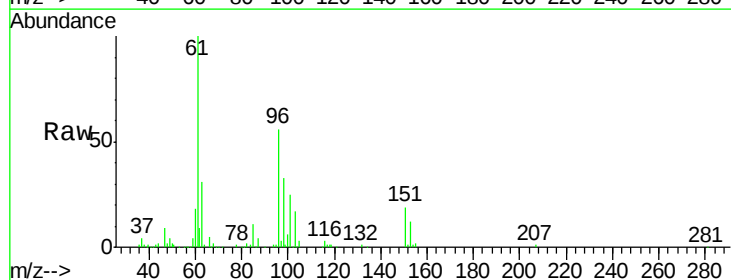
Tgt Ion: 96 Resp: 155511

Ion Ratio Lower Upper

96 100

61 179.6 141.0 211.4

98 58.5 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN049214.D (-645) (-)

Ion 60.90 (60.60 to 61.60): VN049214.D (-645) (-)

Ion 97.90 (97.60 to 98.60): VN049214.D (-645) (-)

150000

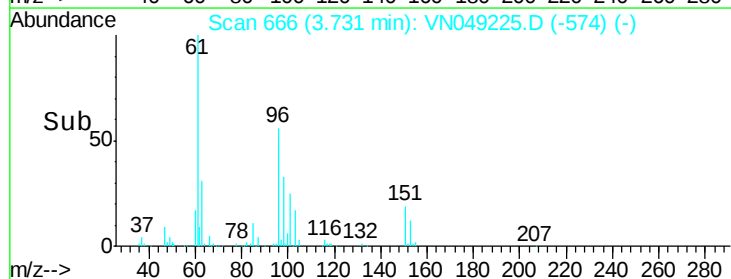
100000

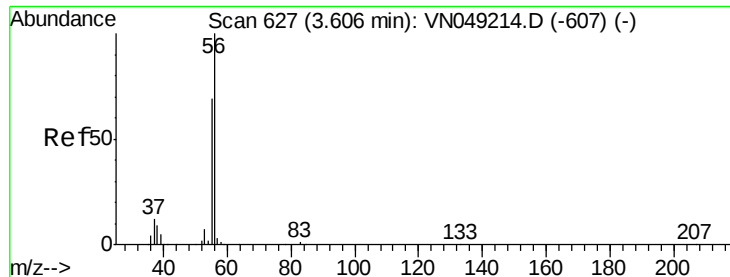
50000

0

3.60 3.70 3.80

Time-->





#13

Acrolein

Concen: 58.59 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

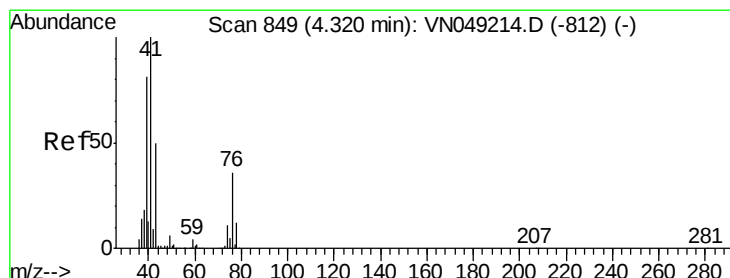
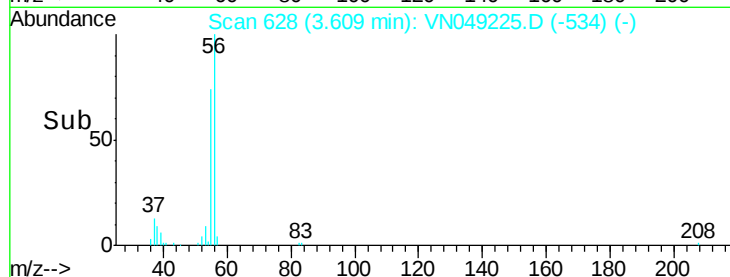
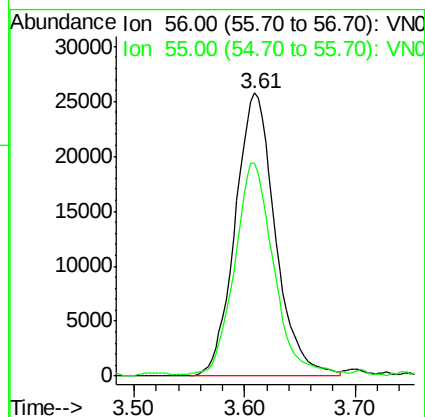
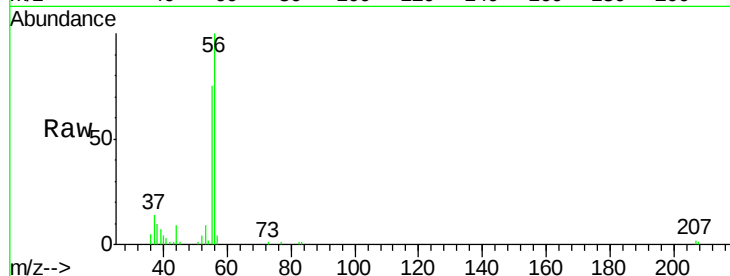
ClientSampleId :

Tot Ion: 56 Resp: 65079

Ion Ratio Lower Upper

56 100

55 73.9 57.1 85.7



#14

Allyl chloride

Concen: 12.34 ug/l

RT: 4.32 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

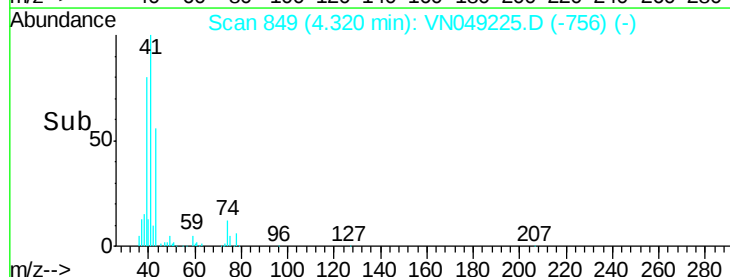
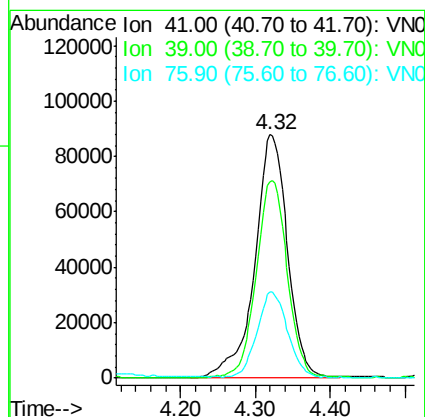
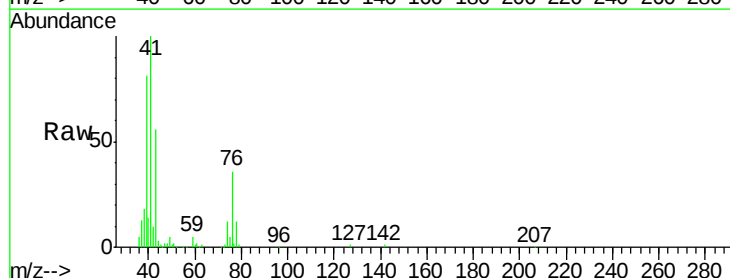
Tgt Ion: 41 Resp: 268288

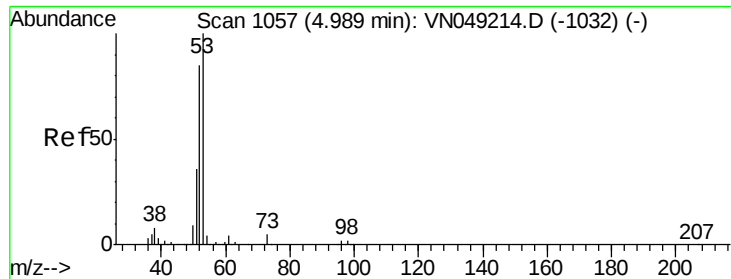
Ion Ratio Lower Upper

41 100

39 77.3 62.5 93.7

76 32.3 27.1 40.7





#15

Acrylonitrile

Concen: 67.83 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

ClientSampled :

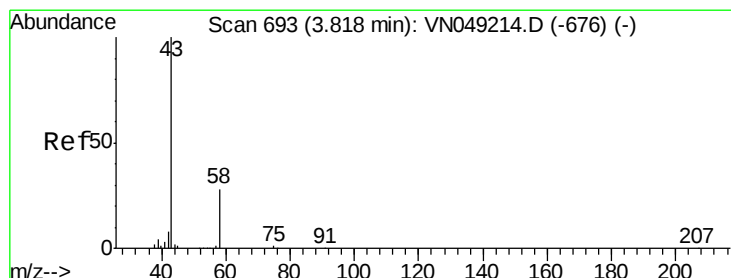
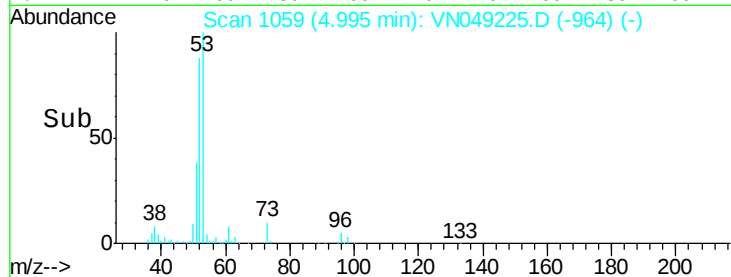
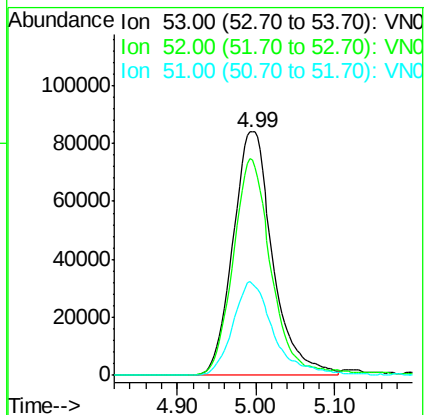
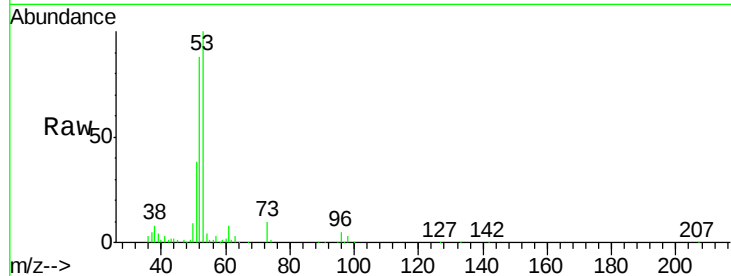
Tot Ion: 53 Resp: 297844

Ion Ratio Lower Upper

53 100

52 84.1 66.6 100.0

51 39.3 29.8 44.8



#16

Acetone

Concen: 64.59 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049225.D

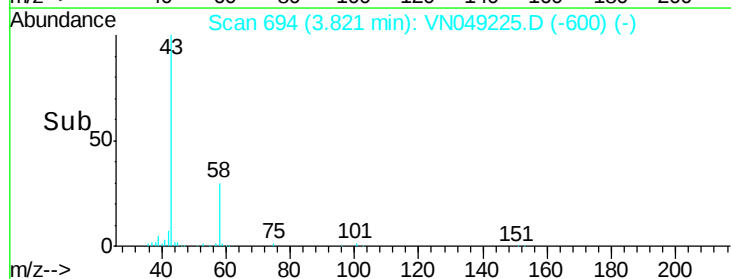
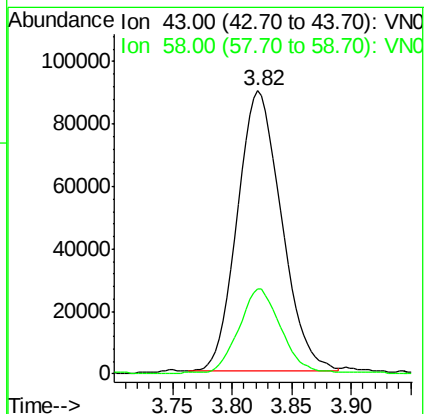
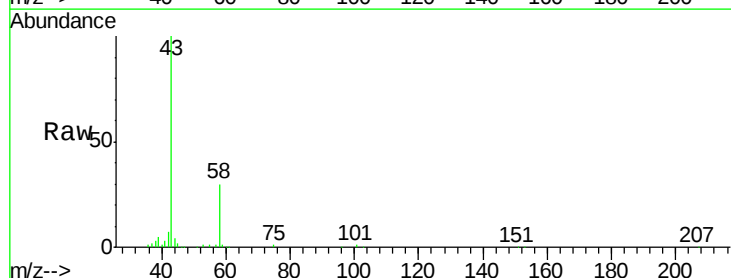
Acq: 14 Jun 2018 14:07

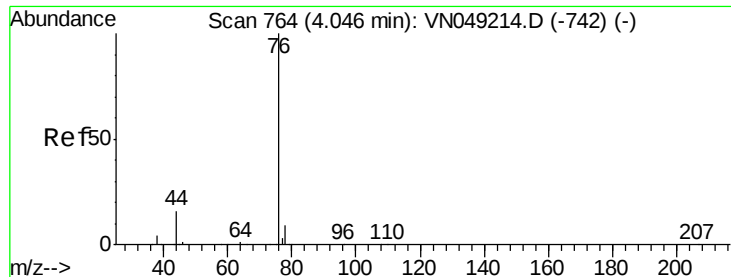
Tgt Ion: 43 Resp: 231007

Ion Ratio Lower Upper

43 100

58 29.9 22.4 33.6





#17

Carbon Disulfide

Concen: 12.54 ug/l

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

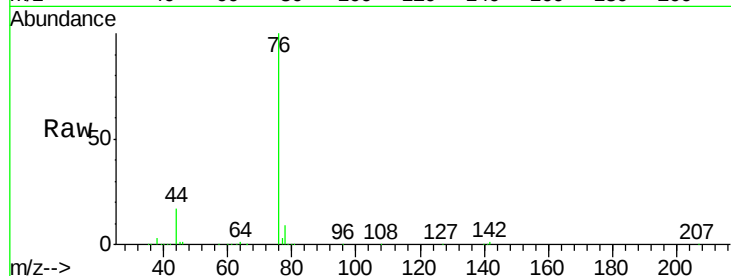
ClientSampled :

Tot Ion: 76 Resp: 495247

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN049225.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN049225.D (-742) (-)

4.05

200000

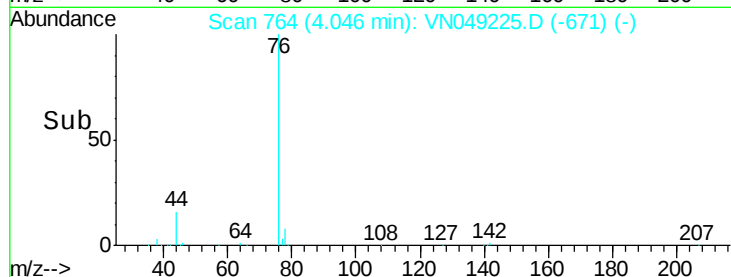
150000

100000

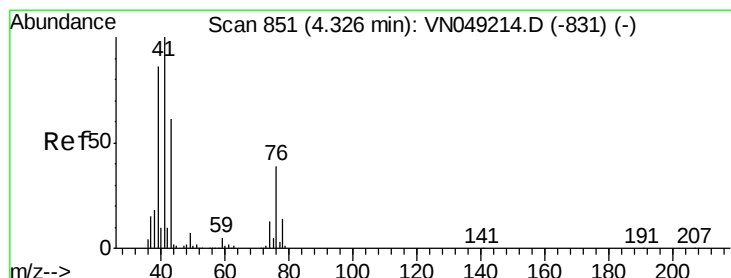
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 14.00 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049225.D

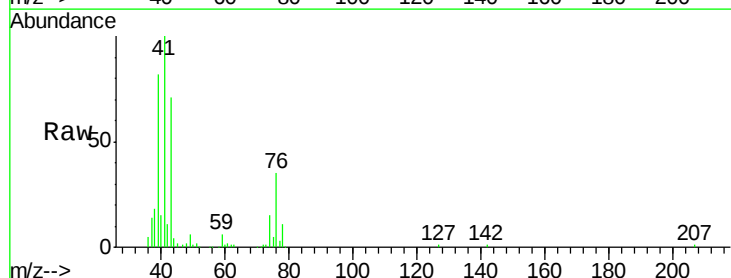
Acq: 14 Jun 2018 14:07

Tgt Ion: 43 Resp: 165663

Ion Ratio Lower Upper

43 100

74 22.8 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049225.D (-831) (-)

Ion 74.00 (73.70 to 74.70): VN049225.D (-831) (-)

4.33

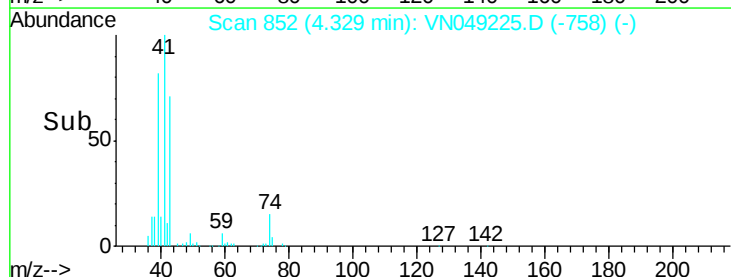
60000

40000

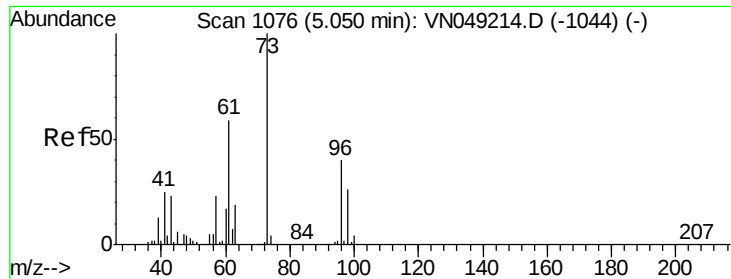
20000

0

Time-->



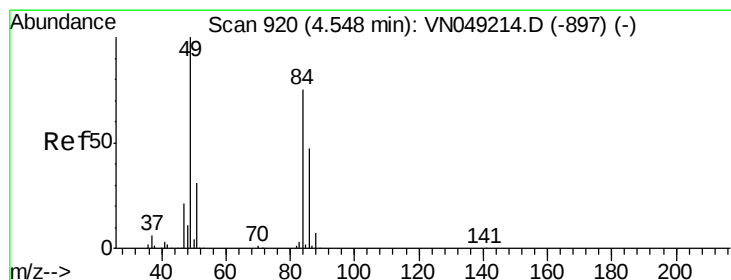
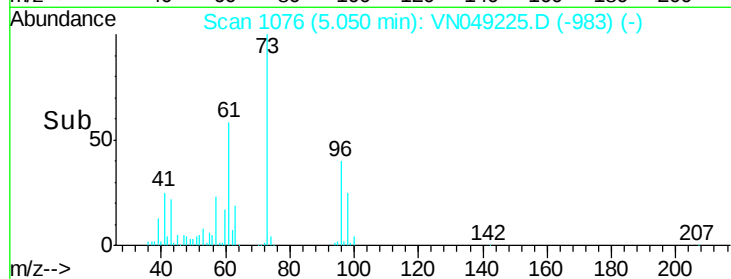
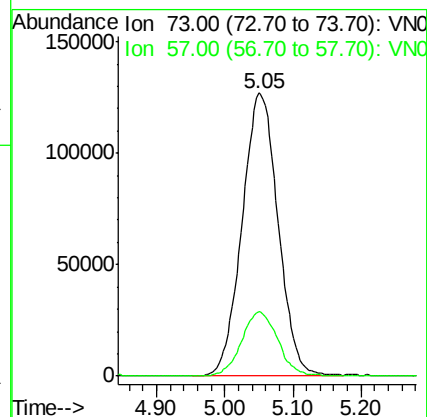
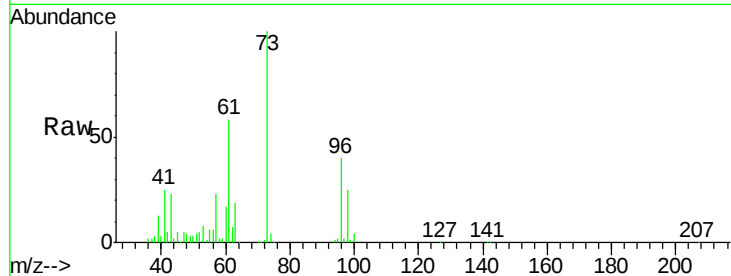
Time-->



#19
Methvl tert-butvl Ether
Concen: 14.76 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

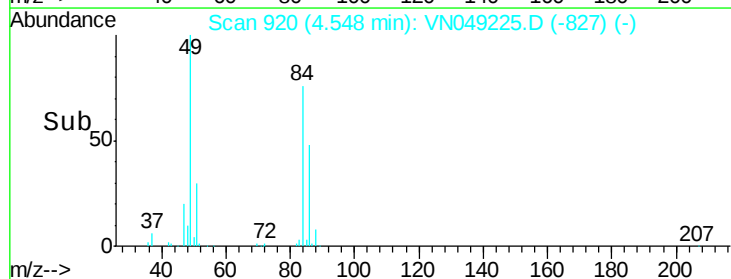
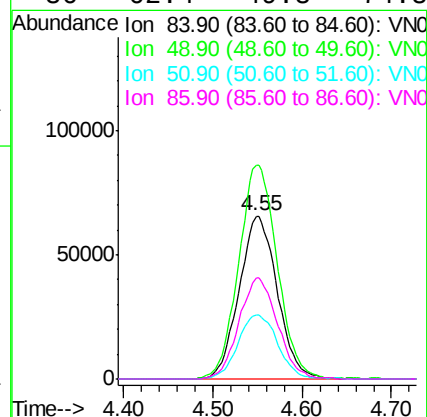
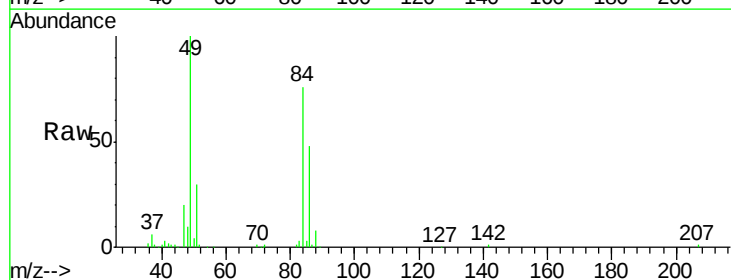
Instrument :
MSVOA_N
ClientSampled :

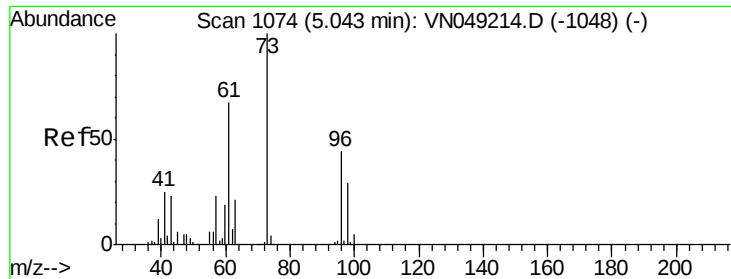
Tot Ion: 73 Resp: 465570
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 13.44 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion: 84 Resp: 195208
Ion Ratio Lower Upper
84 100
49 131.0 106.9 160.3
51 39.2 32.7 49.1
86 62.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 13.37 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :
MSVOA_N
ClientSampled :

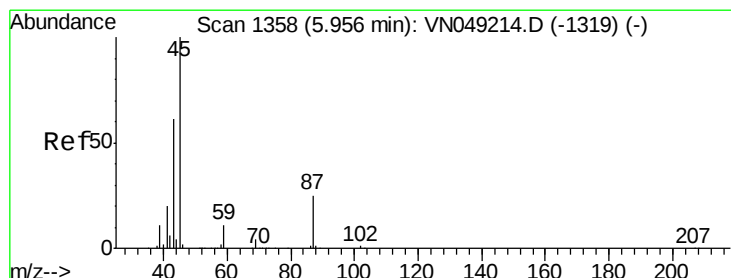
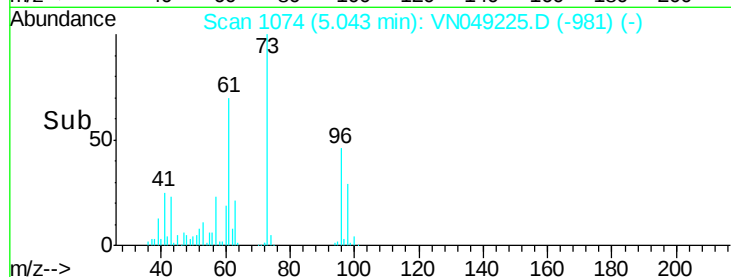
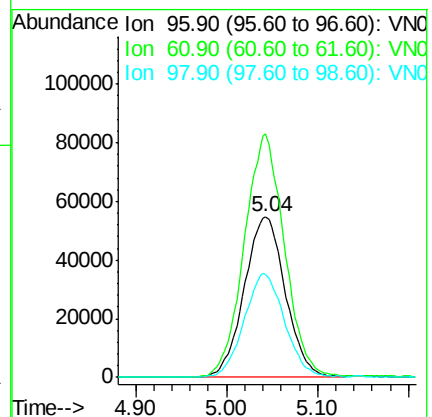
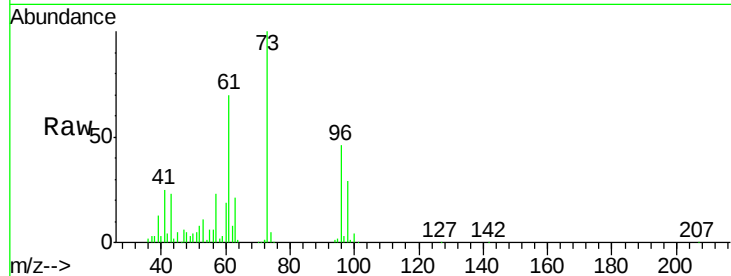
Tot Ion: 96 Resp: 171618

Ion Ratio Lower Upper

96 100

61 151.4 121.3 181.9

98 63.6 52.0 78.0



#22

Diisopropyl ether

Concen: 15.93 ug/l

RT: 5.96 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Tgt Ion: 45 Resp: 691345

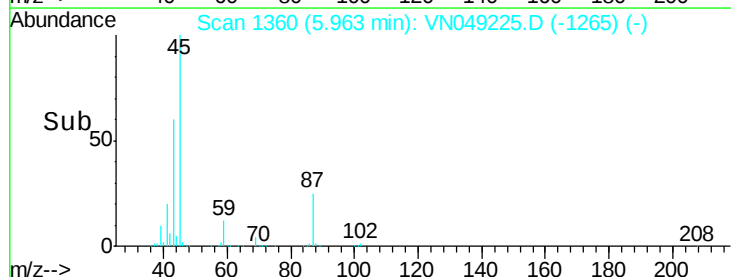
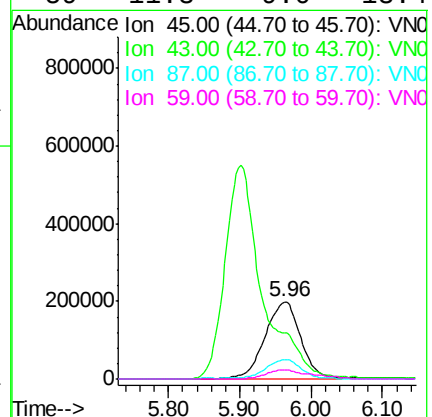
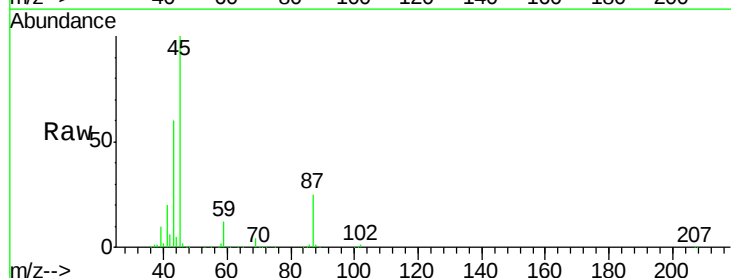
Ion Ratio Lower Upper

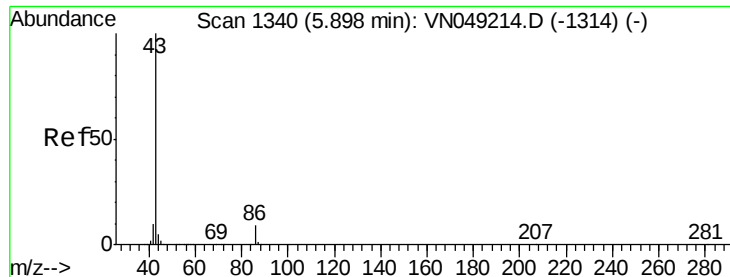
45 100

43 59.6 48.6 72.8

87 24.7 20.2 30.2

59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 69.83 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

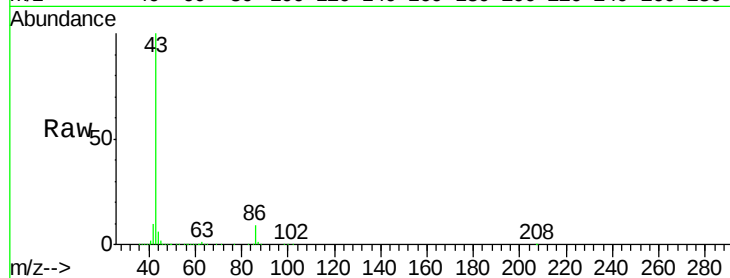
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2003237

Ion Ratio Lower Upper

43 100

86 9.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049214.D (-1314) (-)

Ion 86.00 (85.70 to 86.70): VN049214.D (-1314) (-)

5.90

600000

500000

400000

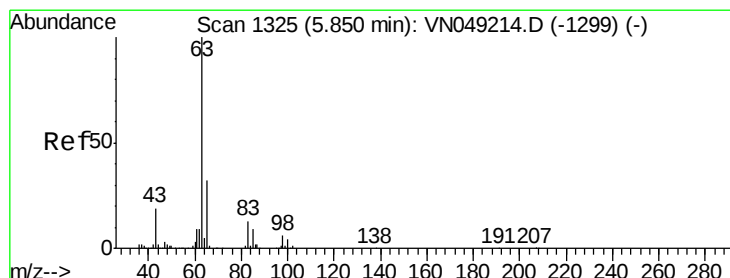
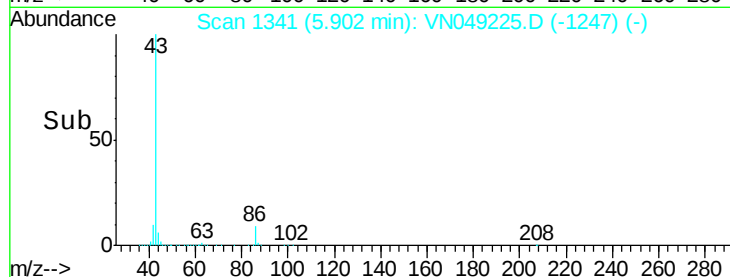
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 14.02 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

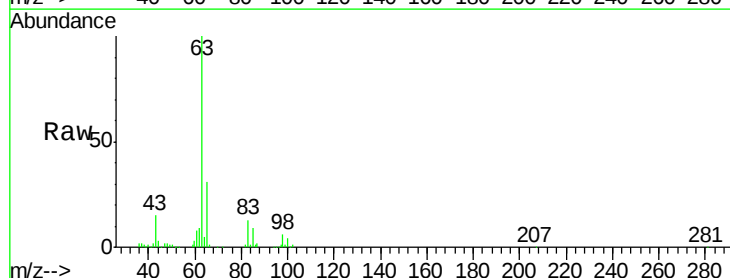
Tgt Ion: 63 Resp: 362704

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049214.D (-1299) (-)

Ion 97.90 (97.60 to 98.60): VN049214.D (-1299) (-)

Ion 99.90 (99.60 to 100.60): VN049214.D (-1299) (-)

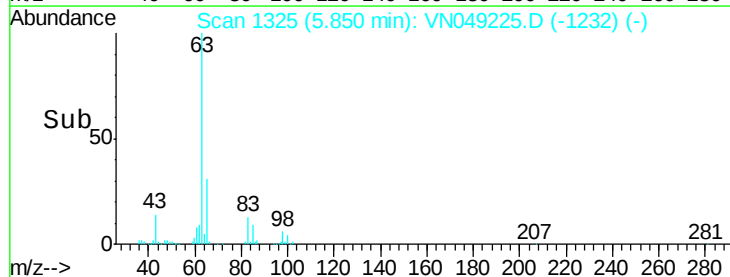
150000

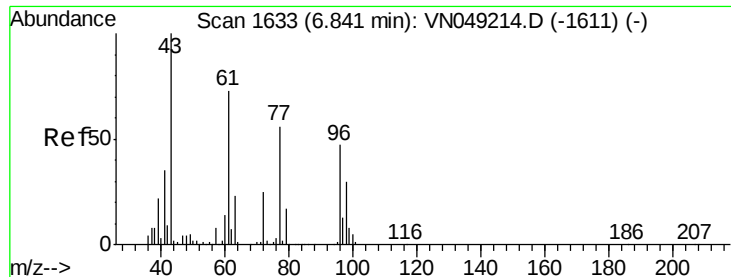
100000

50000

0

Time-->





#25

2-Butanone

Concen: 97.41 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

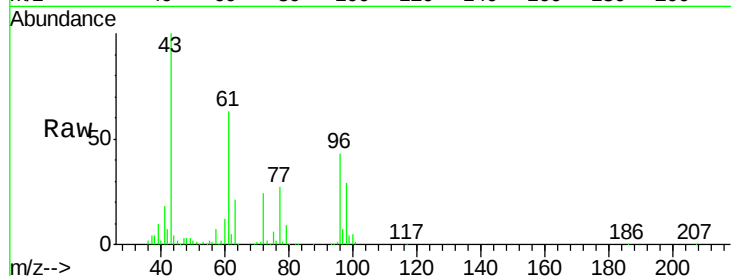
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 498802

Ion Ratio Lower Upper

43 100

72 24.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049225.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN049225.D (-1540) (-)

200000

150000

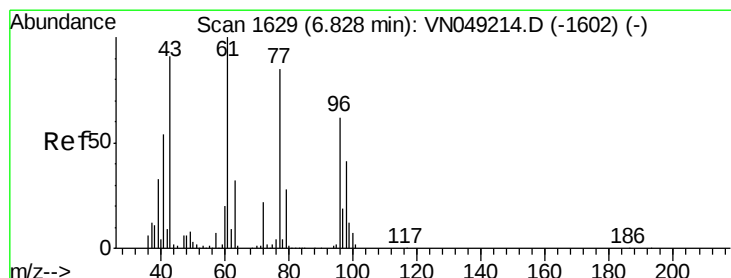
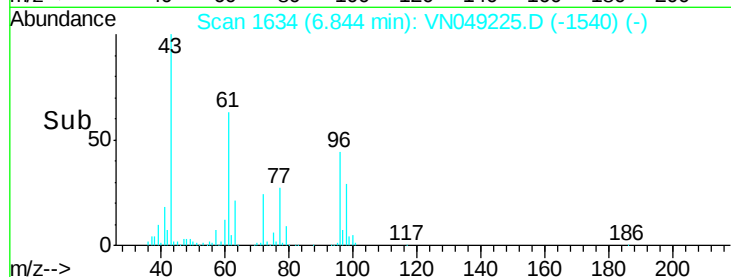
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 10.71 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN049225.D

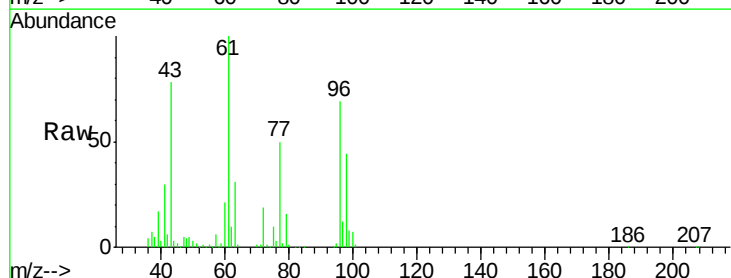
Acq: 14 Jun 2018 14:07

Tgt Ion: 77 Resp: 207686

Ion Ratio Lower Upper

77 100

97 24.7 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN049225.D (-1536) (-)

Ion 96.90 (96.60 to 97.60): VN049225.D (-1536) (-)

60000

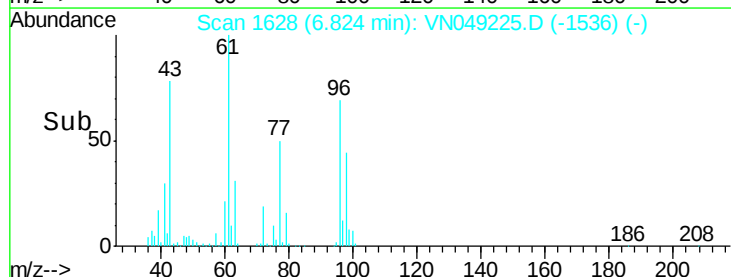
40000

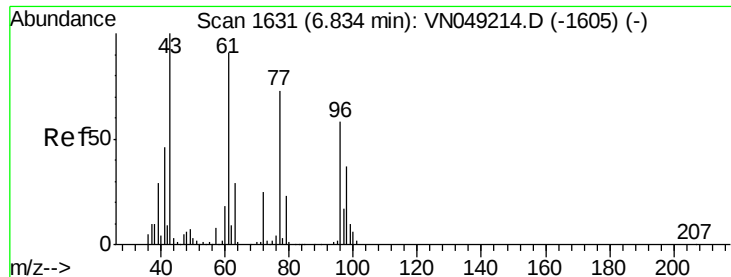
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.49 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :
MSVOA_N
ClientSampleId :

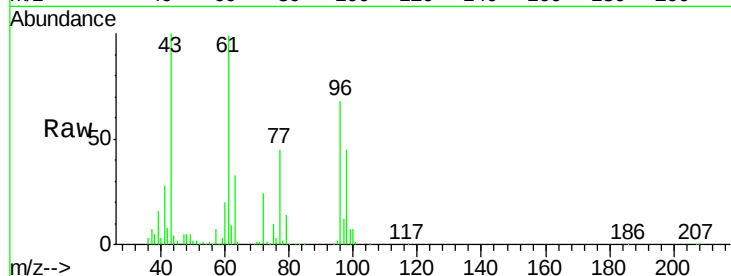
Tot Ion: 96 Resp: 272445

Ion Ratio Lower Upper

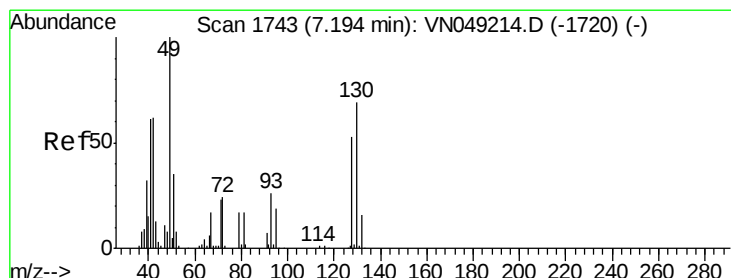
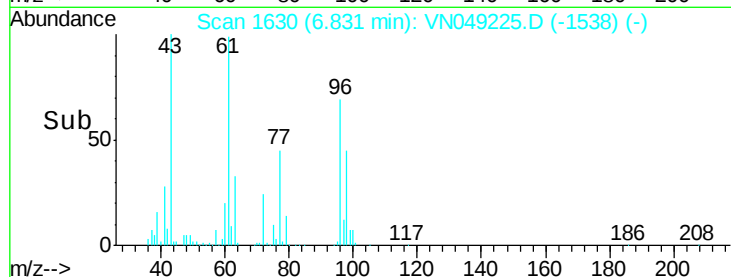
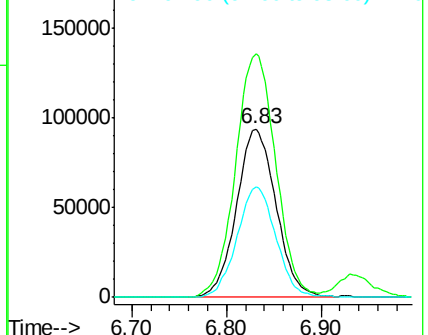
96 100

61 146.5 0.0 316.4

98 64.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.63 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

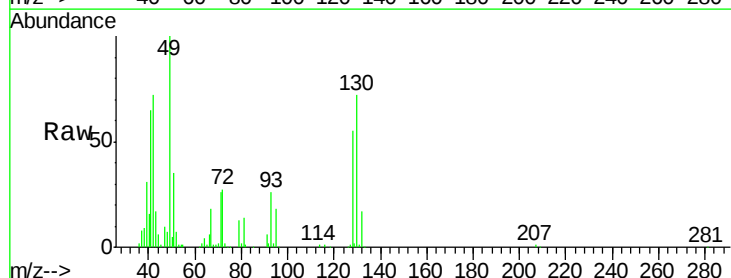
Tgt Ion: 49 Resp: 240999

Ion Ratio Lower Upper

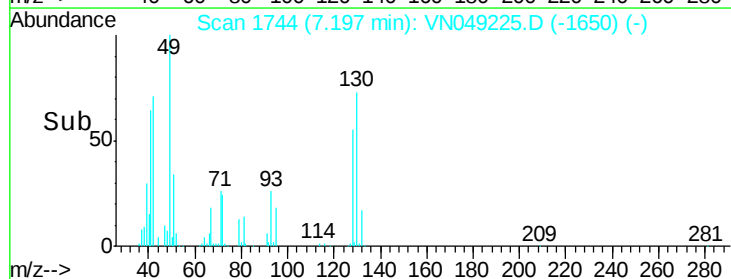
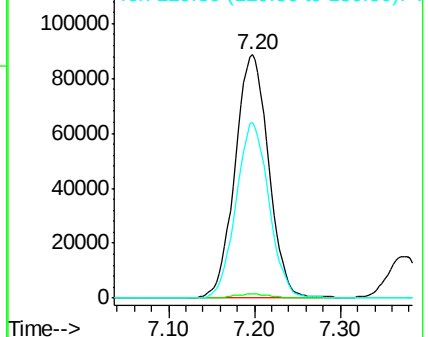
49 100

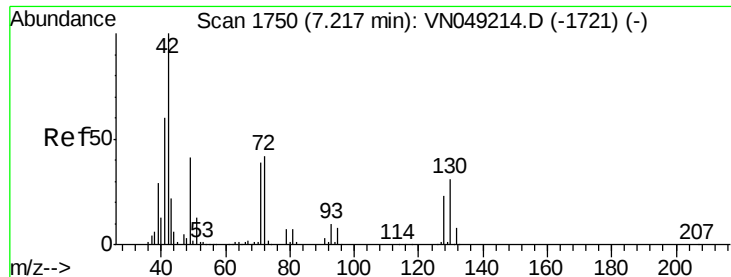
129 1.8 0.0 3.8

130 70.4 54.9 82.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

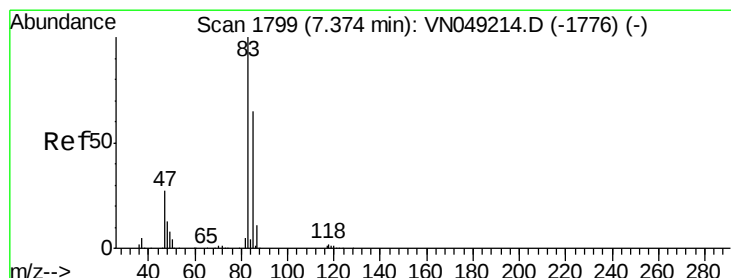
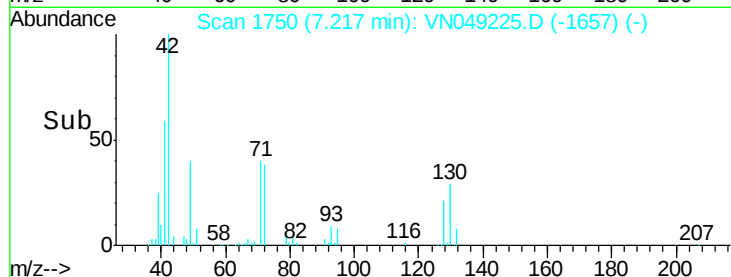
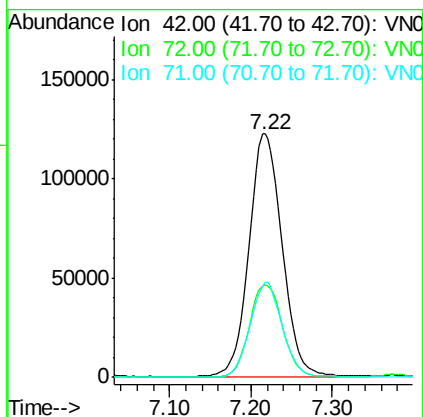
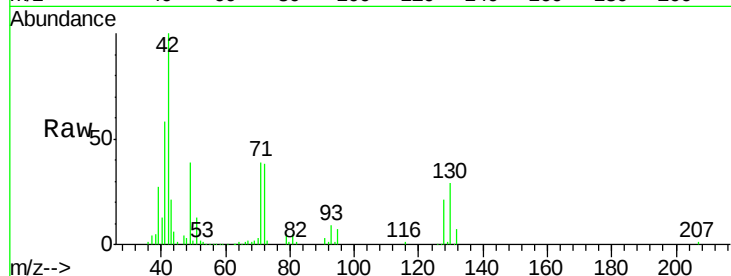




#29
Tetrahydrofuran
Concen: 104.17 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

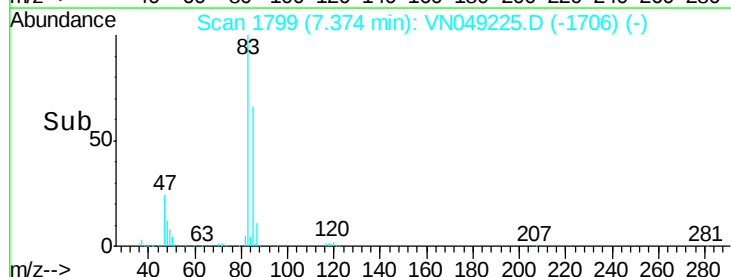
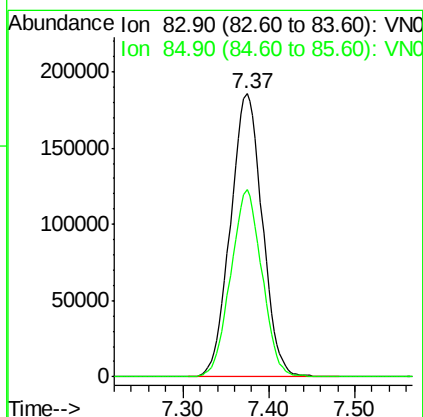
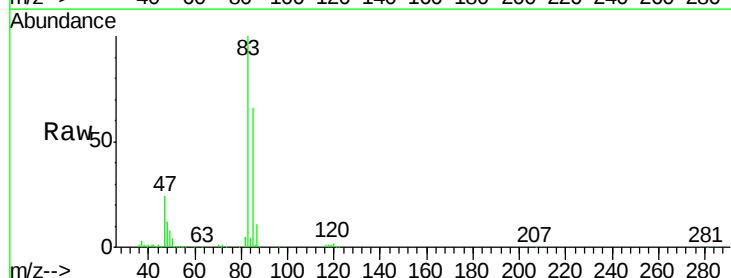
Instrument :
MSVOA_N
ClientSampleId :

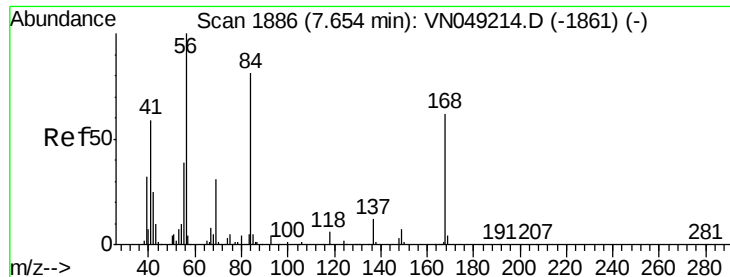
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.4	32.2	48.4
71	38.2	30.5	45.7



#30
Chloroform
Concen: 19.26 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.7	77.5

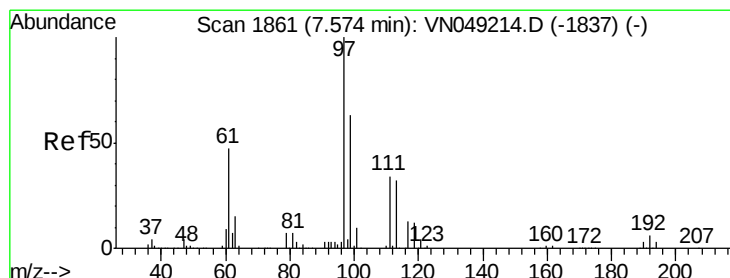
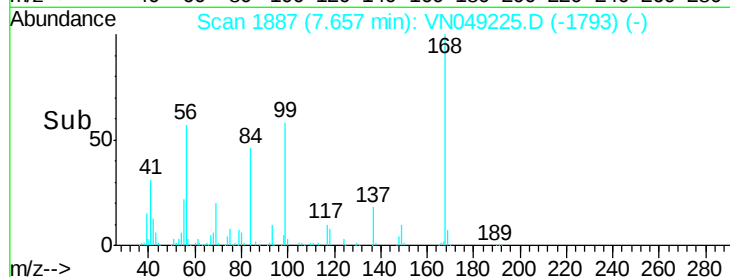
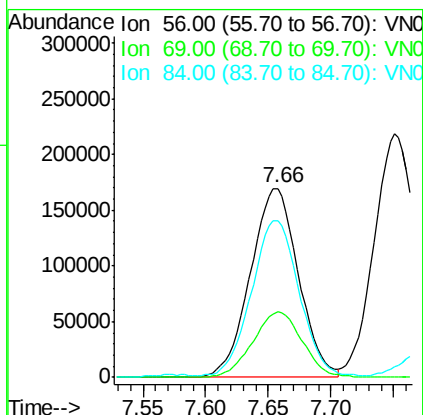
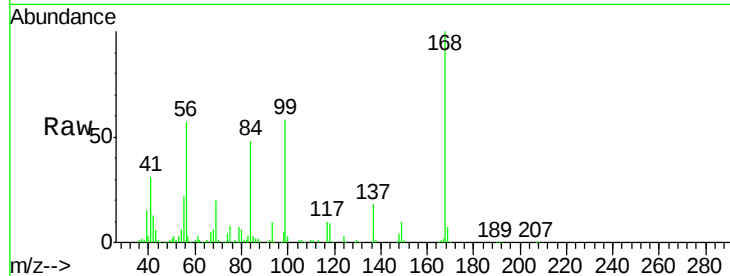




#31
Cyclohexane
Concen: 20.00 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

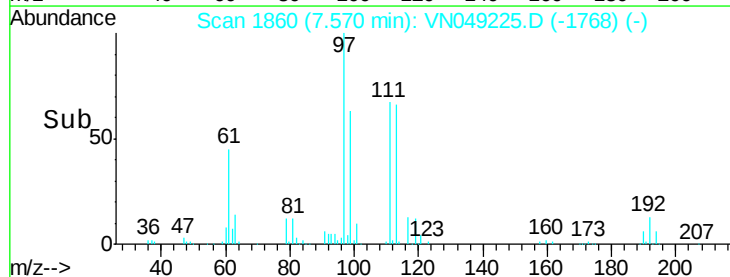
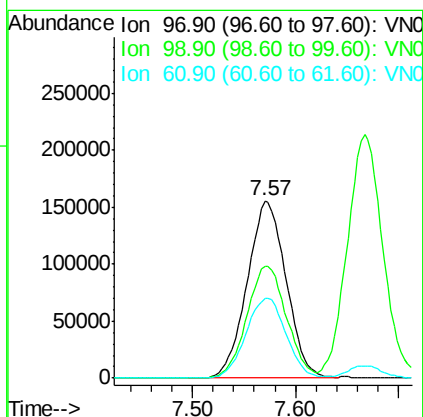
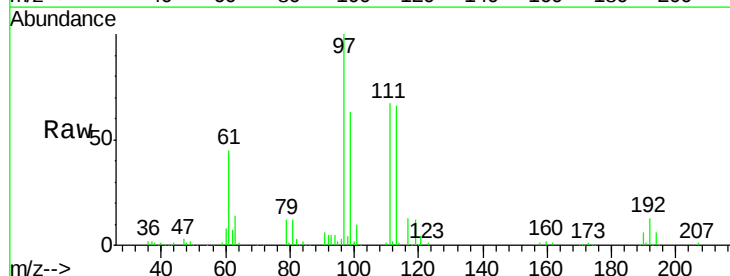
Instrument :
MSVOA_N
ClientSampled :

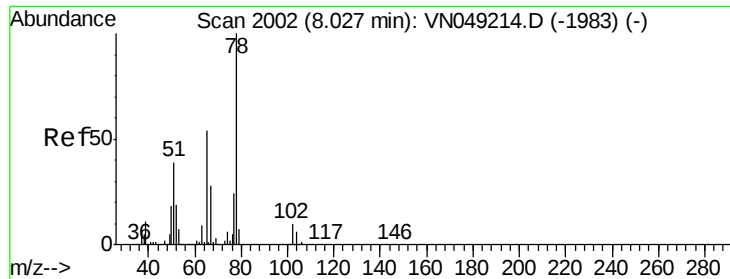
Tot Ion: 56 Resp: 450199
Ion Ratio Lower Upper
56 100
69 34.6 25.0 37.4
84 82.0 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 19.03 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion: 97 Resp: 407363
Ion Ratio Lower Upper
97 100
99 64.6 50.5 75.7
61 46.4 37.9 56.9

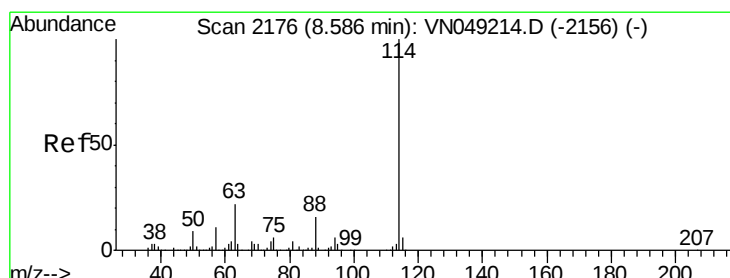
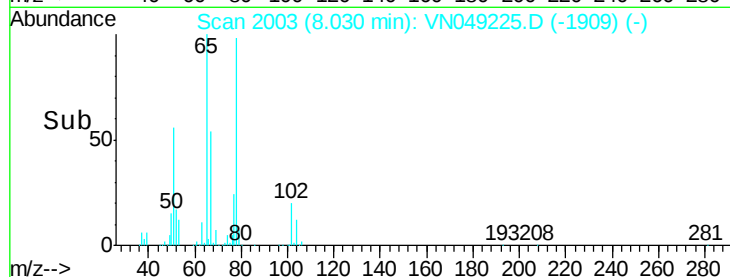
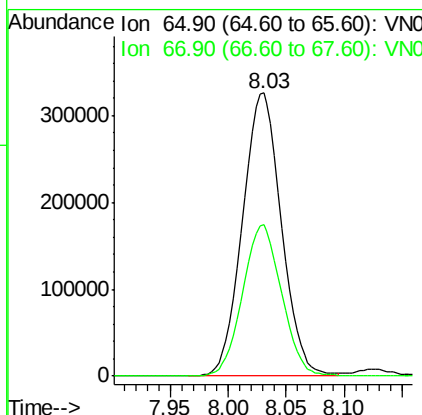
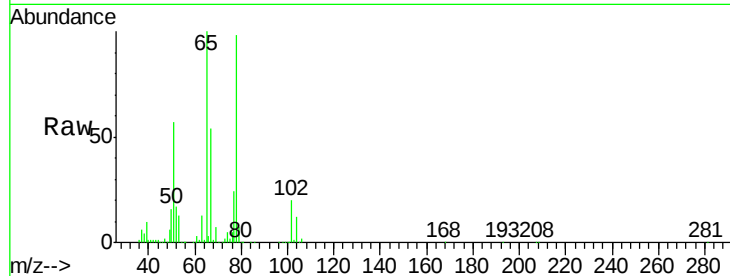




#33
 1,2-Dichloroethane-d4
 Concen: 50.88 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

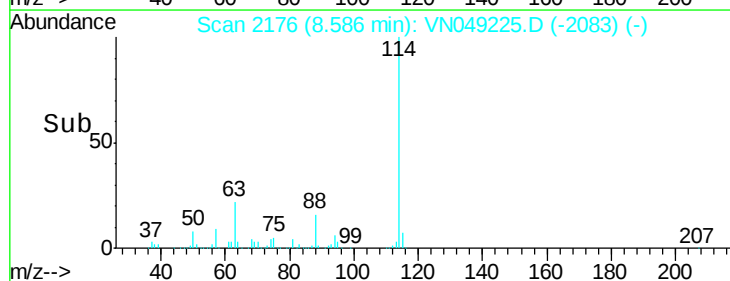
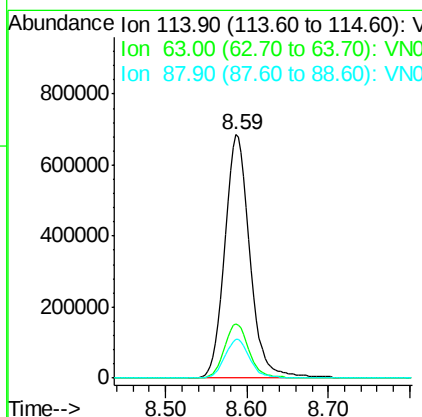
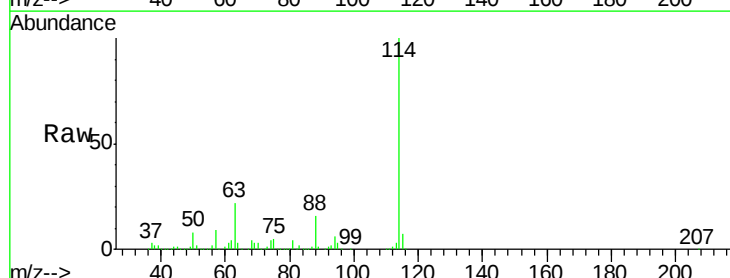
Instrument :
 MSVOA_N
 ClientSampleId :

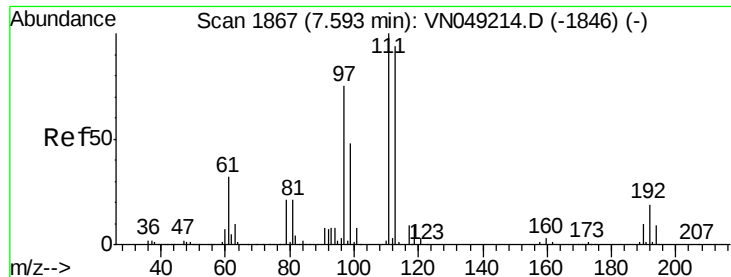
Tot Ion: 65 Resp: 761489
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

Tgt Ion: 114 Resp: 1494308
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.4
 88 15.9 0.0 31.4

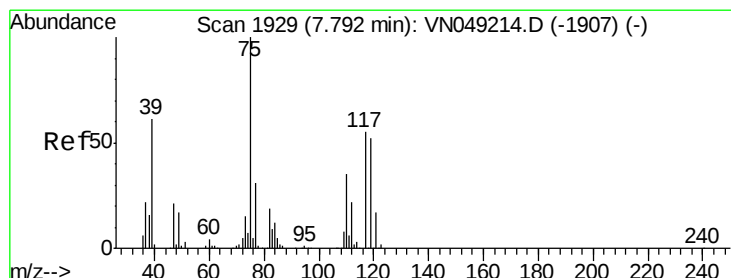
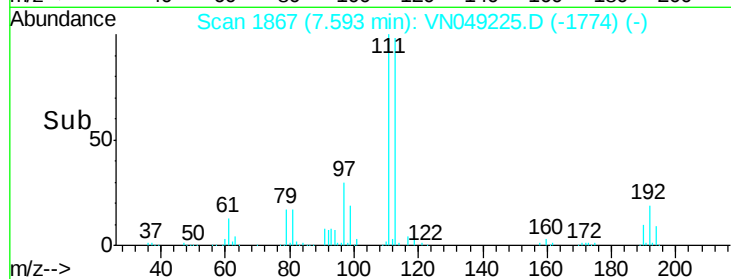
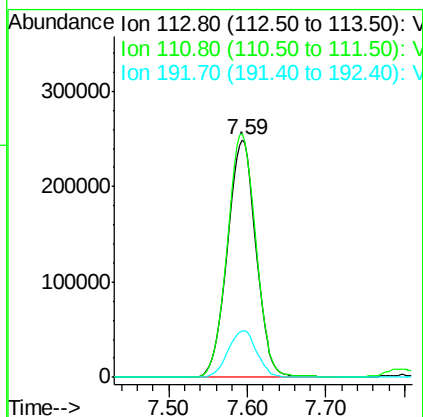
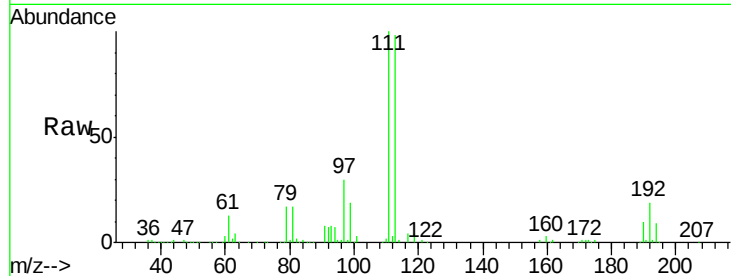




#35
 Dibromofluoromethane
 Concen: 50.57 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

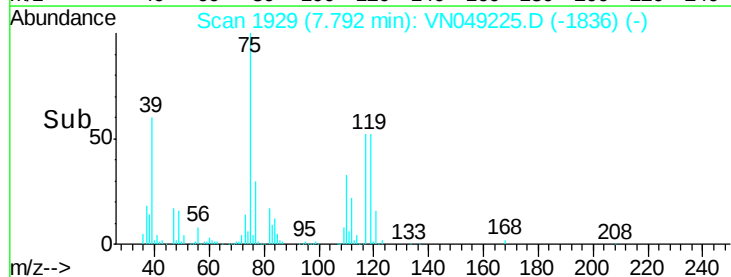
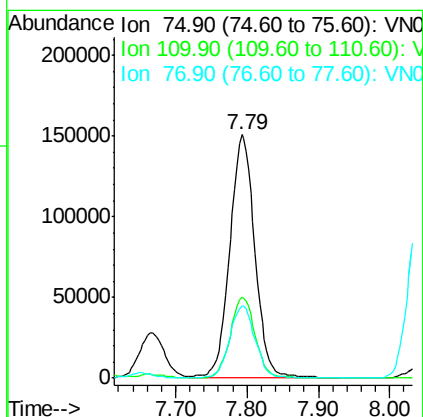
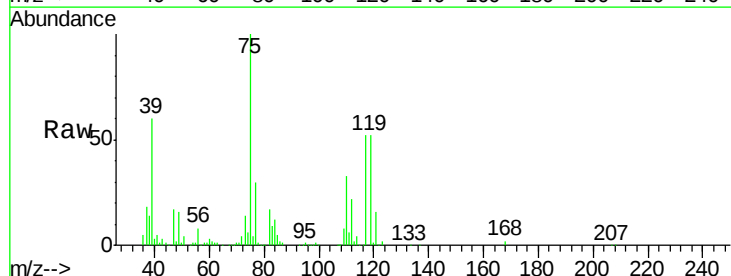
Instrument :
 MSVOA_N
 ClientSampled :

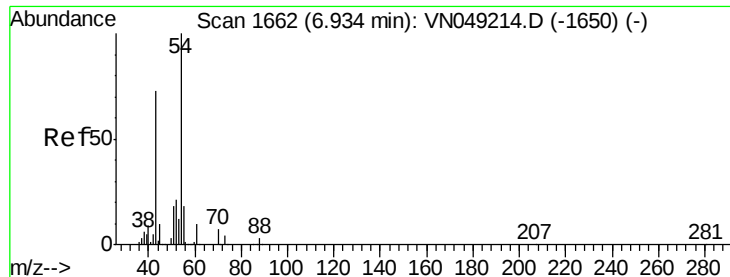
Tot Ion:113 Resp: 625475
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 19.9 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 19.72 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

Tgt Ion: 75 Resp: 368256
 Ion Ratio Lower Upper
 75 100
 110 33.3 17.0 50.9
 77 29.8 24.4 36.6

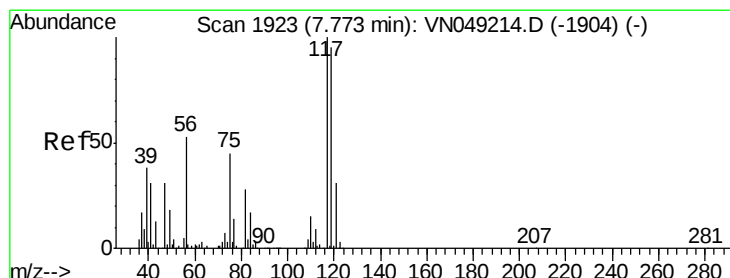
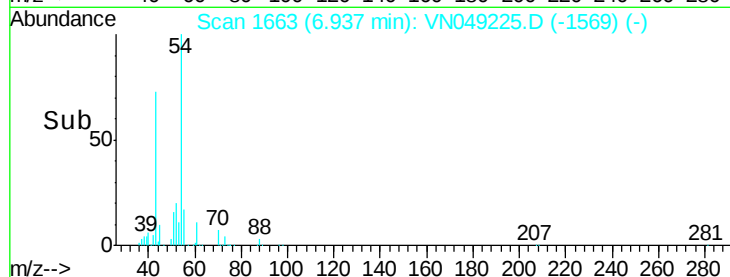
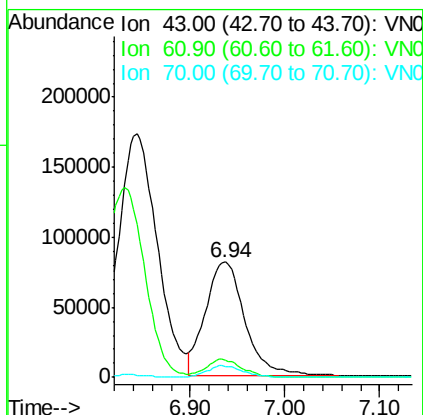
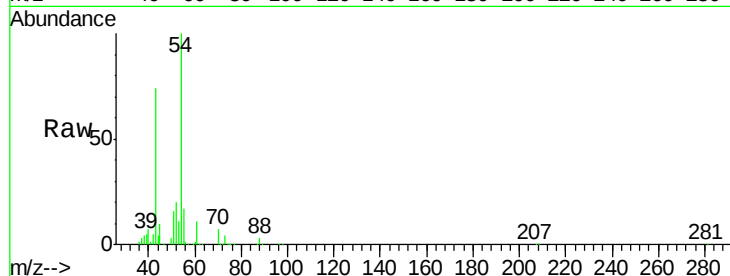




#37
Ethyl Acetate
Concen: 20.12 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

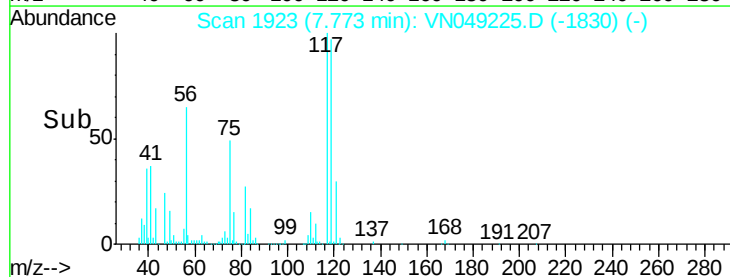
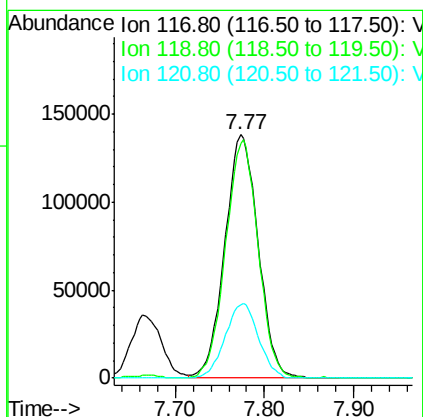
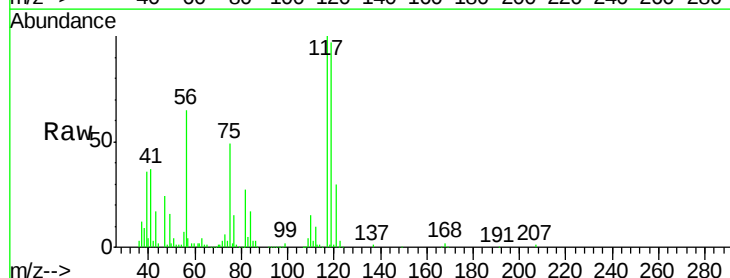
Instrument :
MSVOA_N
ClientSampled :

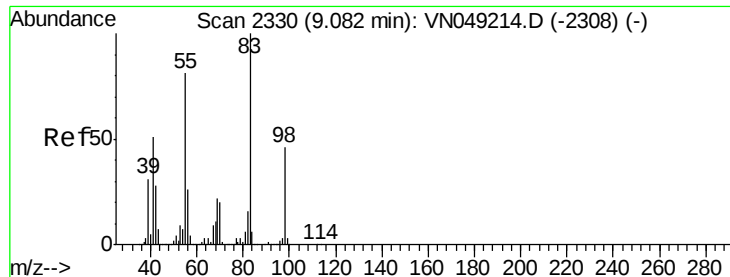
Tot Ion: 43 Resp: 237151
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 9.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.94 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion: 117 Resp: 356228
Ion Ratio Lower Upper
117 100
119 96.5 75.6 113.4
121 30.2 24.7 37.1

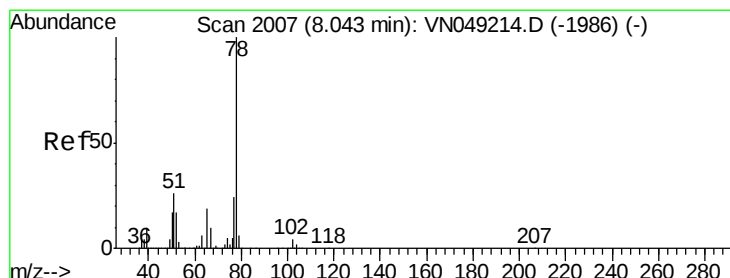
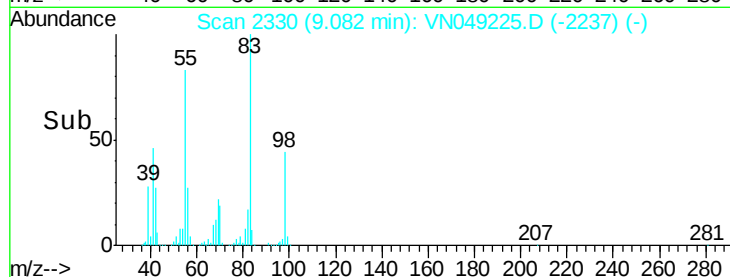
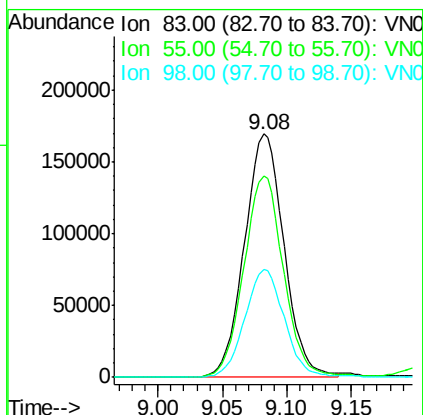
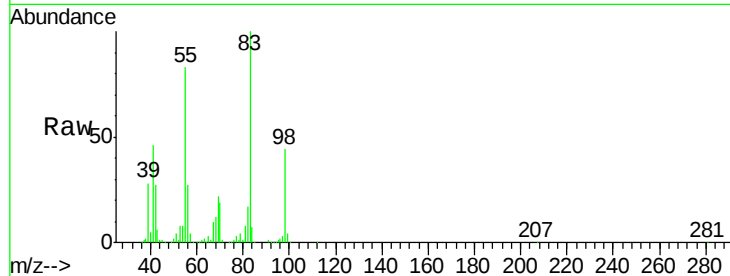




#39
Methvlcvclohexane
Concen: 18.81 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

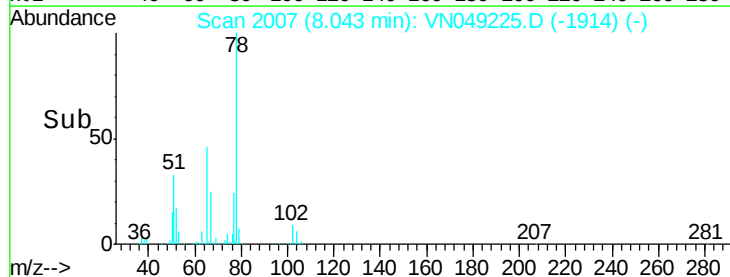
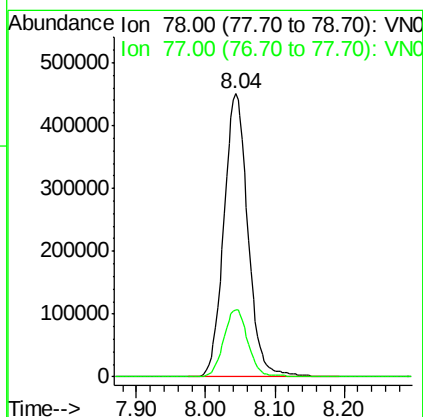
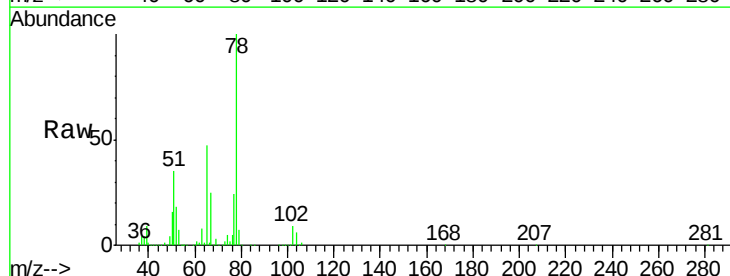
Instrument :
MSVOA_N
ClientSampled :

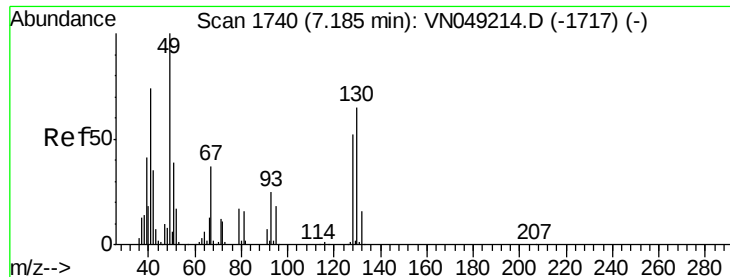
Tot Ion: 83 Resp: 362793
Ion Ratio Lower Upper
83 100
55 82.8 65.1 97.7
98 44.4 36.5 54.7



#40
Benzene
Concen: 19.36 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion: 78 Resp: 1095287
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

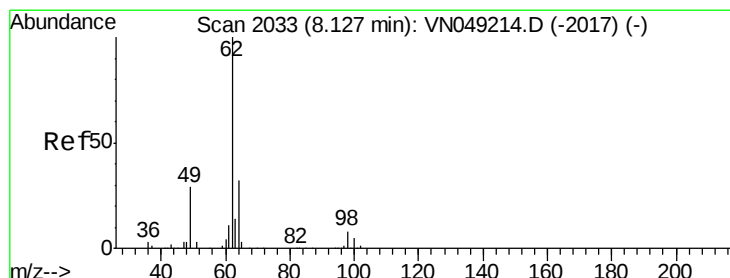
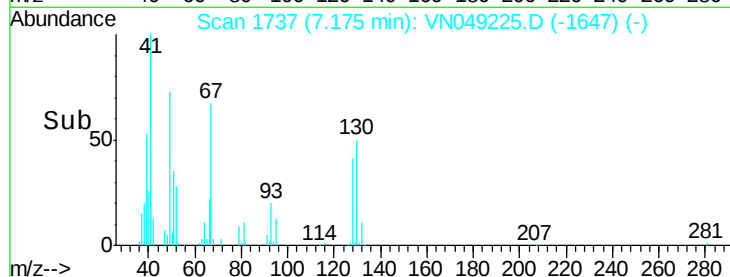
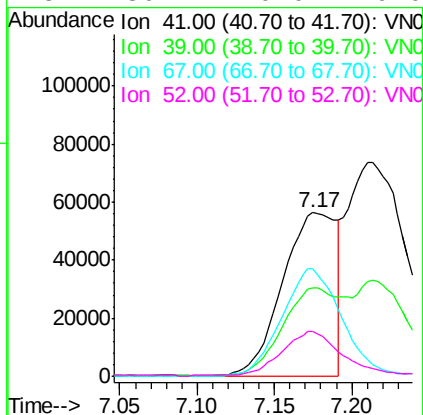
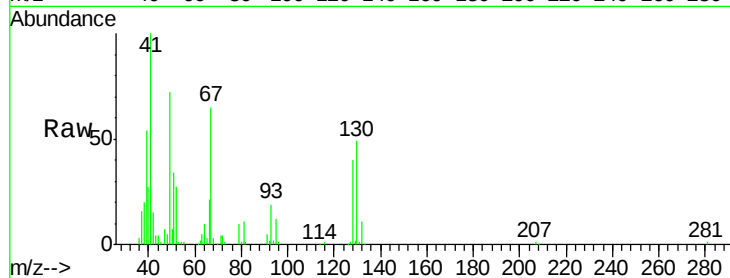




#41
Methacrylonitrile
Concen: 20.31 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

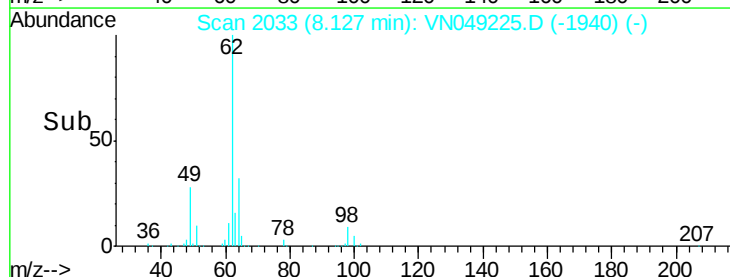
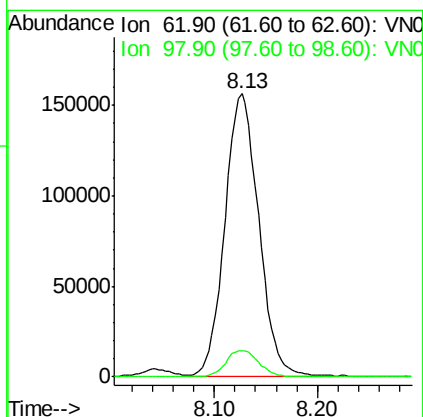
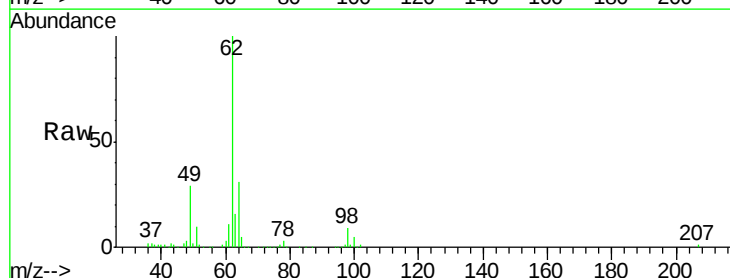
Instrument :
MSVOA_N
ClientSampleId :

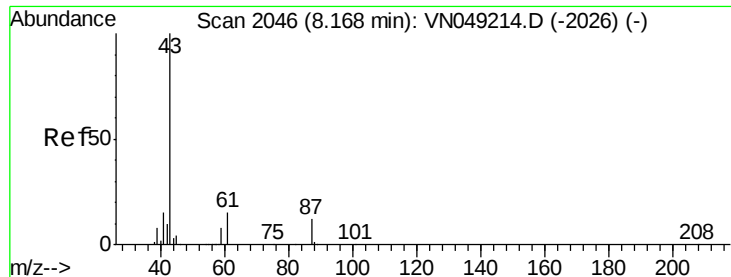
Tot Ion: 41 Resp: 135453
Ion Ratio Lower Upper
41 100
39 60.8 0.0 0.0#
67 74.3 0.0 0.0#
52 30.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.09 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion: 62 Resp: 356365
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.2

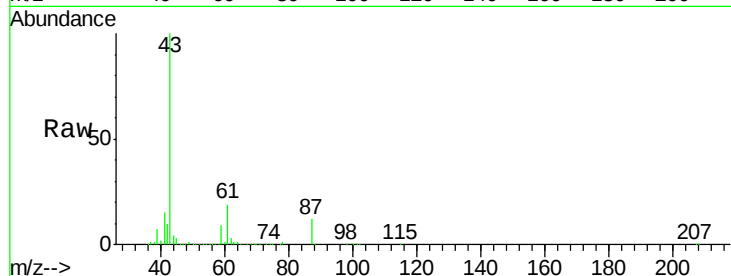




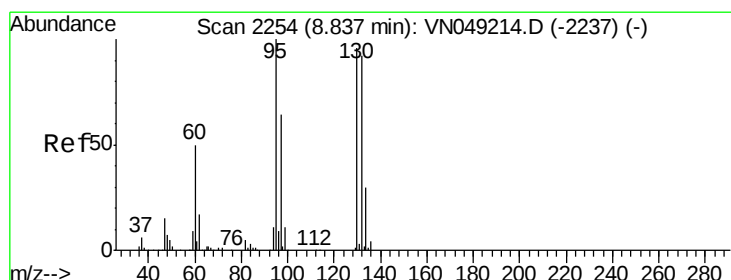
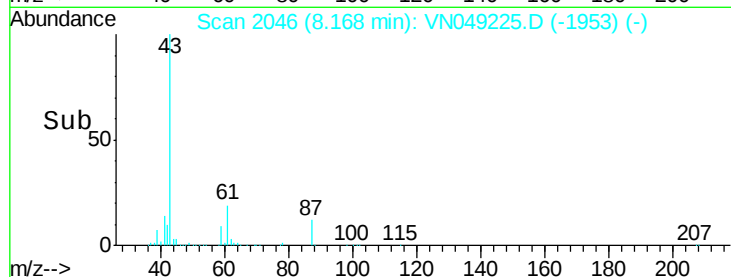
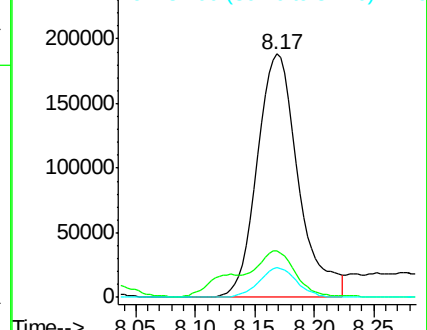
#43
Isopropyl Acetate
Concen: 20.69 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	43	Resp	448319
Ion Ratio	Lower	Upper	
43	100		
61	16.7	14.2	21.4
87	11.4	9.4	14.0

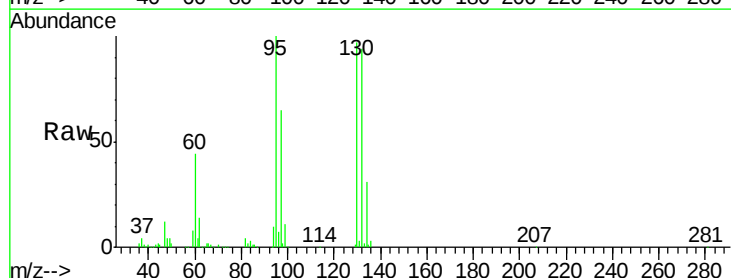


Abundance Ion 43.00 (42.70 to 43.70): VN049225.D (-1953) (-)

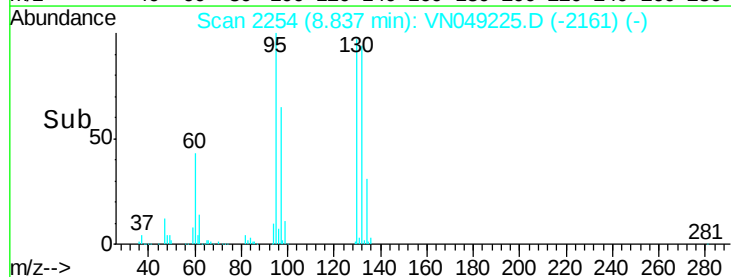
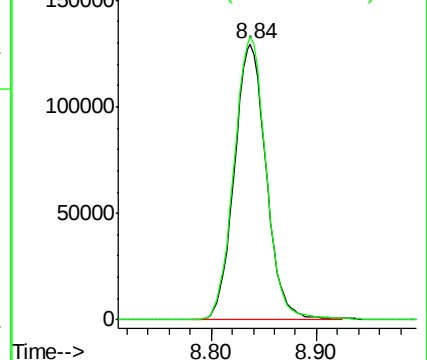


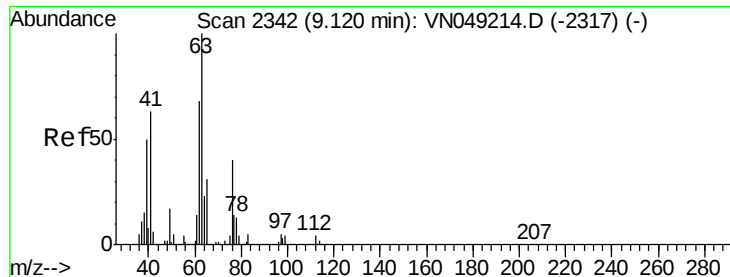
#44
Trichloroethene
Concen: 19.23 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion	130	Resp	271568
Ion Ratio	Lower	Upper	
130	100		
95	102.7	0.0	208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049225.D (-2161) (-)

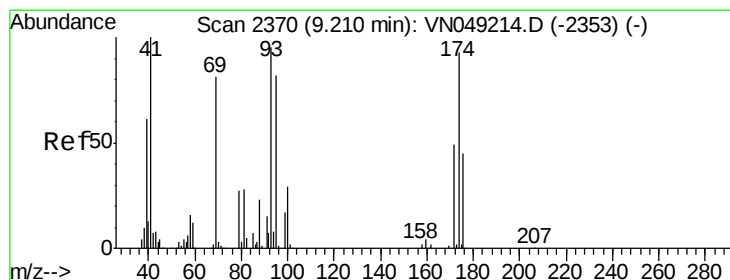
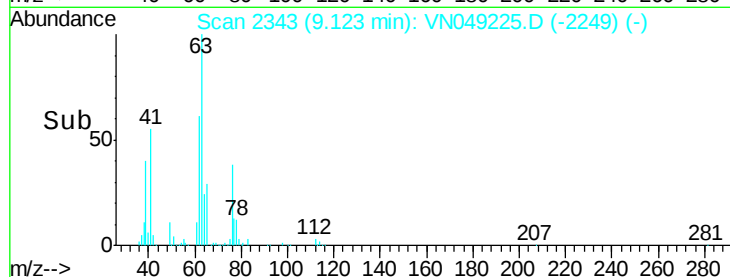
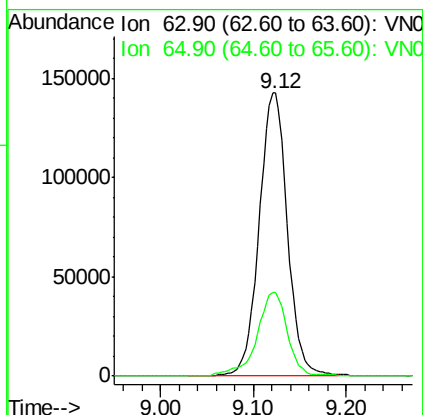
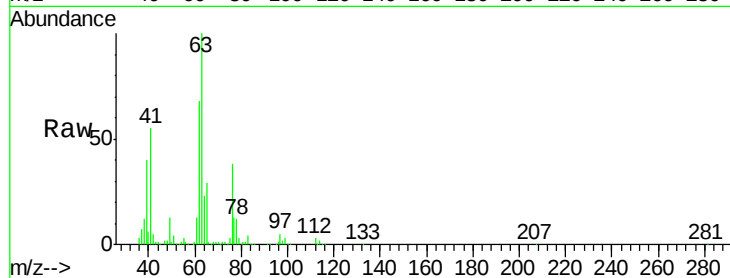




#45
 1,2-Dichloropropane
 Concen: 19.48 ug/l
 RT: 9.12 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

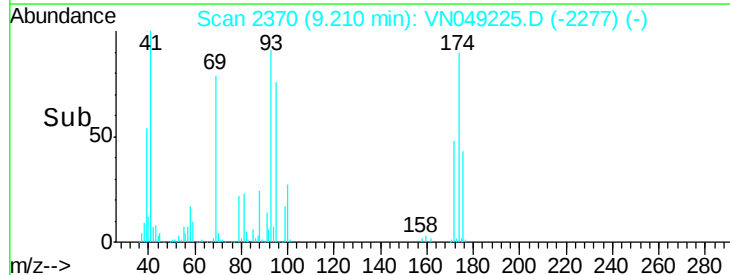
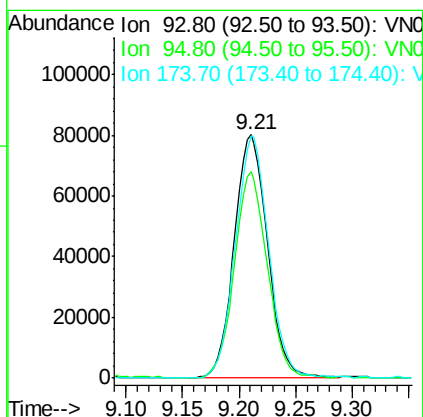
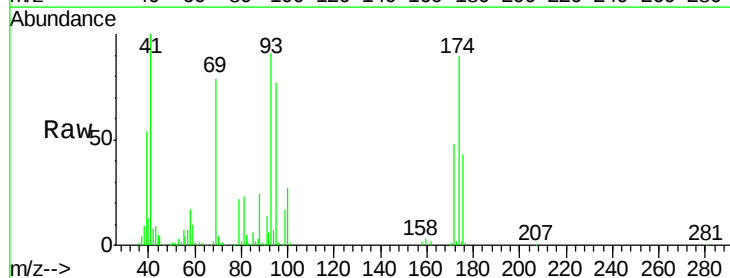
Instrument :
 MSVOA_N
 ClientSampleId :

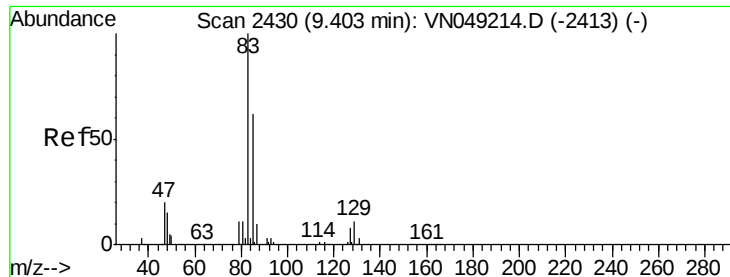
Tot Ion: 63 Resp: 303061
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.8 37.2



#46
 Dibromomethane
 Concen: 19.13 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

Tgt Ion: 93 Resp: 164420
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.2 100.8
 174 99.2 75.6 113.4





#47

Bromodichloromethane

Concen: 18.83 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

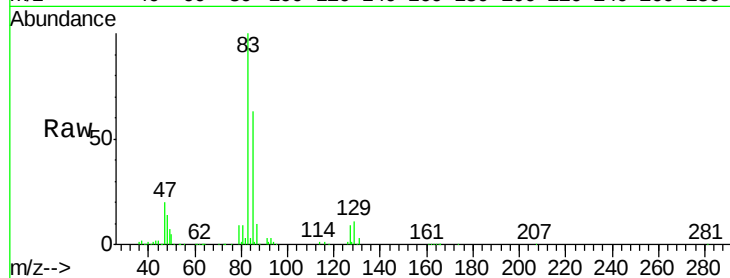
Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 364627

Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.4	74.0
127	8.5	6.3	9.5

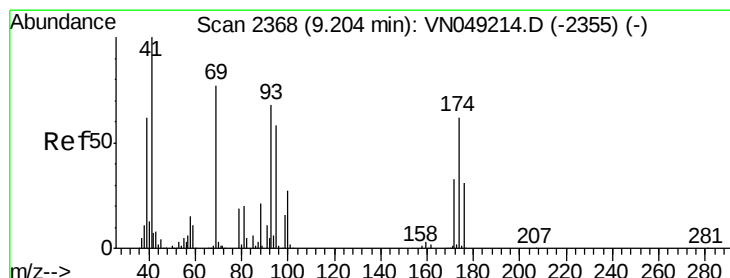
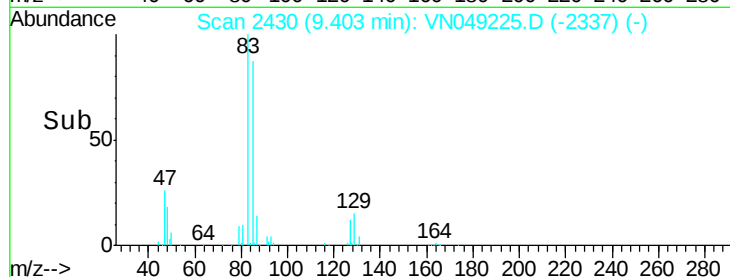
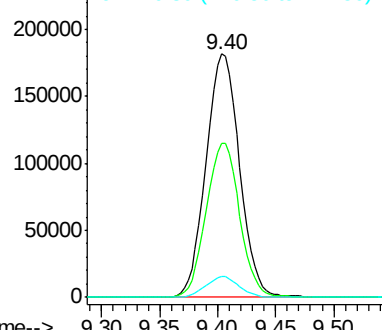


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.41 ug/l

RT: 9.20 min Scan# 2368

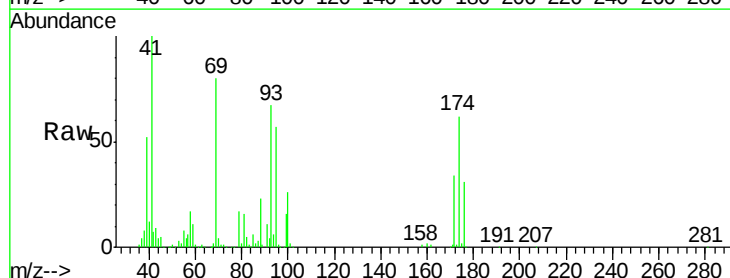
Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Tgt Ion: 41 Resp: 194901

Ion	Ratio	Lower	Upper
41	100		
69	86.8	62.0	93.0
39	58.4	50.6	75.8

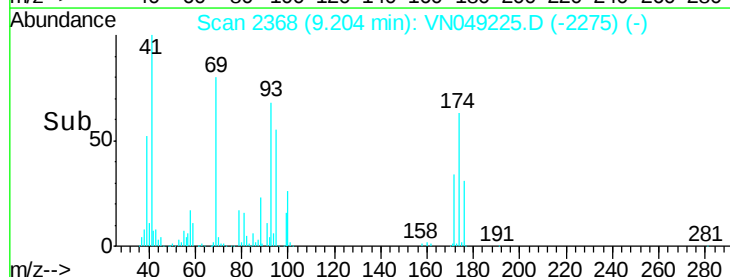
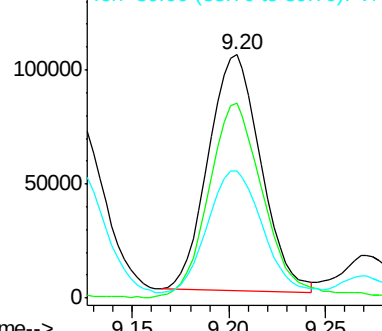


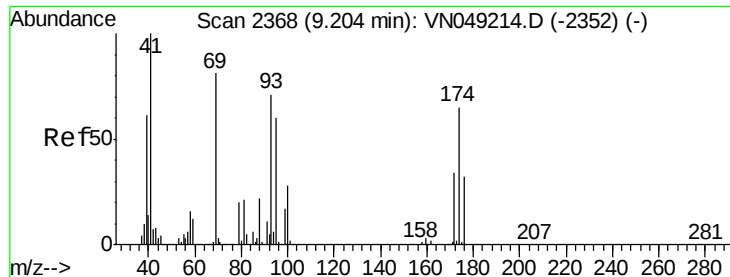
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

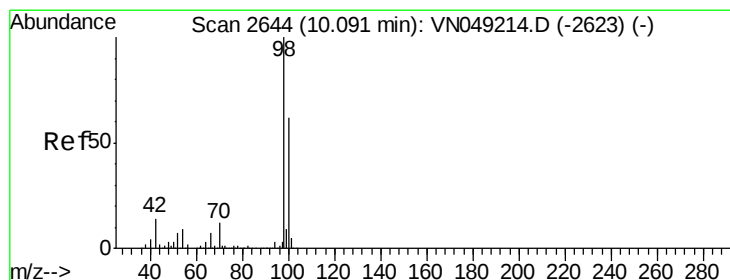
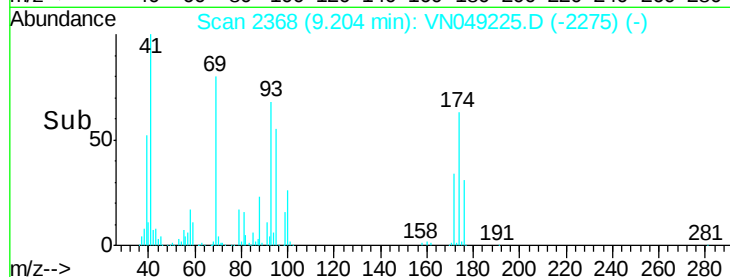
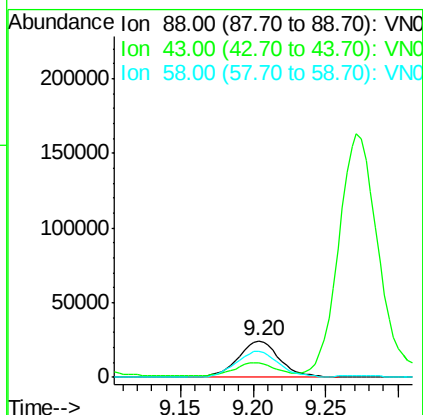
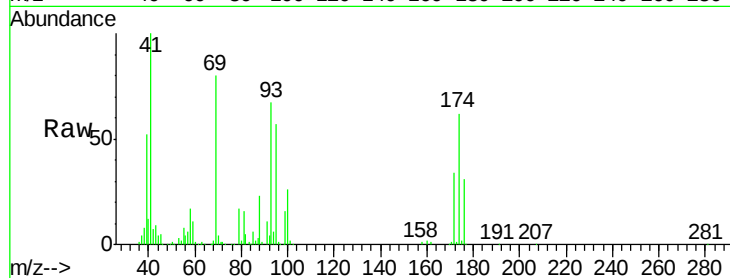




#49
1,4-Dioxane
Concen: 390.35 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

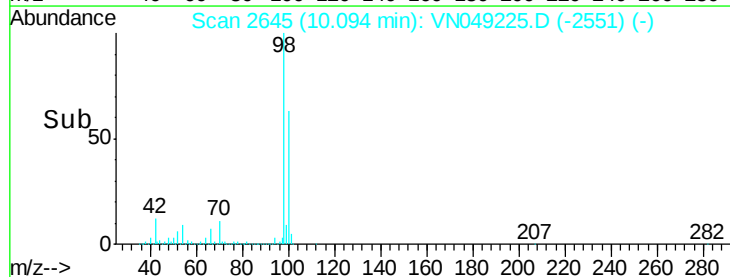
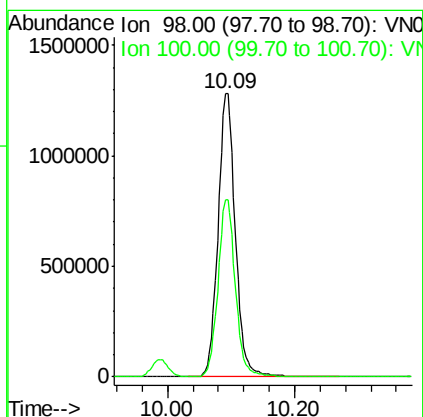
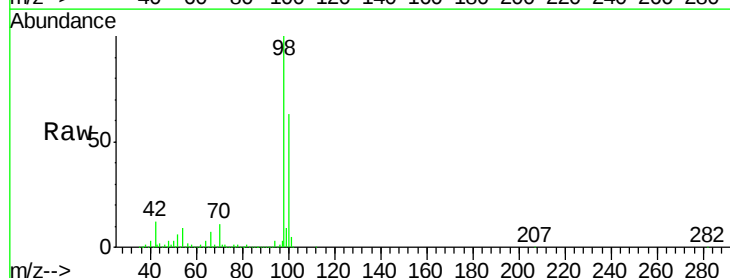
Instrument :
MSVOA_N
ClientSampleId :

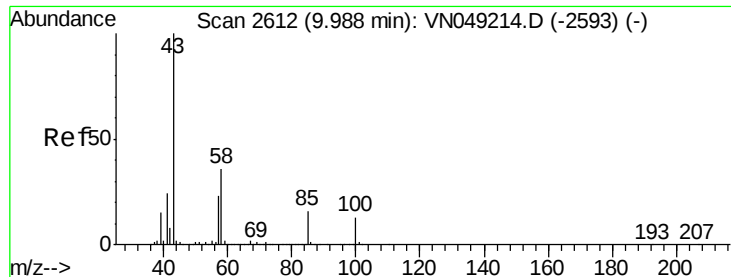
Tot Ion: 88 Resp: 48810
Ion Ratio Lower Upper
88 100
43 36.9 30.9 46.3
58 75.1 58.9 88.3



#50
Toluene-d8
Concen: 50.10 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion: 98 Resp: 2410649
Ion Ratio Lower Upper
98 100
100 62.7 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 99.15 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

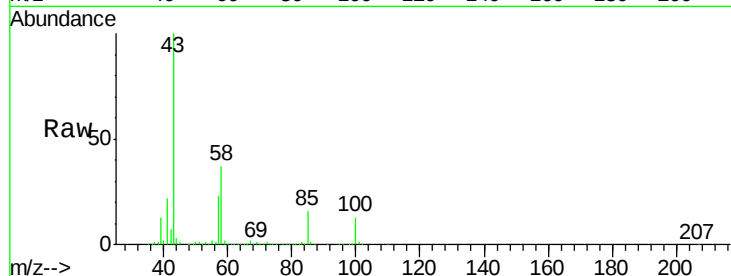
ClientSampled :

Tot Ion: 43 Resp: 1144285

Ion Ratio Lower Upper

43 100

58 37.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049214.D (-2593) (-)

Ion 58.00 (57.70 to 58.70): VN049214.D (-2593) (-)

600000

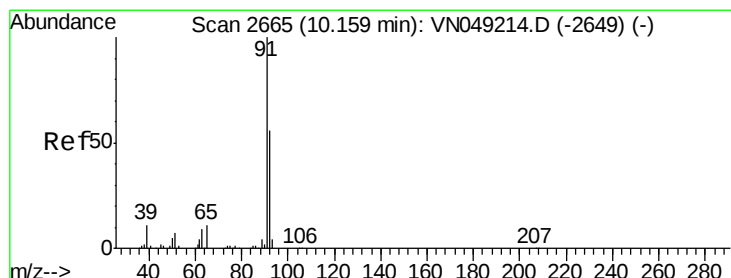
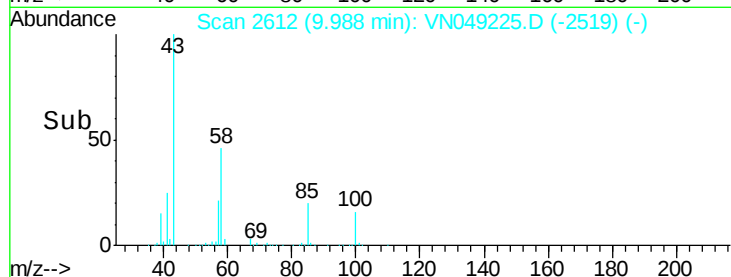
400000

200000

0

9.90 9.99 10.00 10.10

Time-->



#52

Toluene

Concen: 19.69 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049225.D

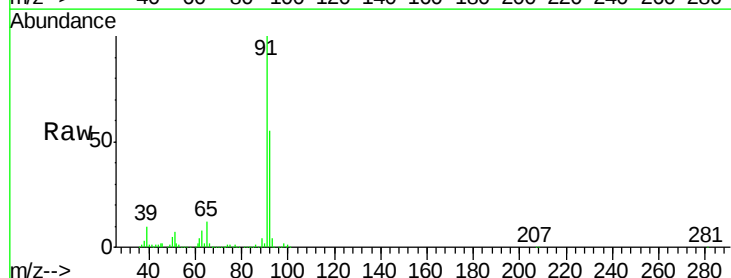
Acq: 14 Jun 2018 14:07

Tgt Ion: 92 Resp: 648121

Ion Ratio Lower Upper

92 100

91 178.1 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049214.D (-2649) (-)

Ion 91.00 (90.70 to 91.70): VN049214.D (-2649) (-)

600000

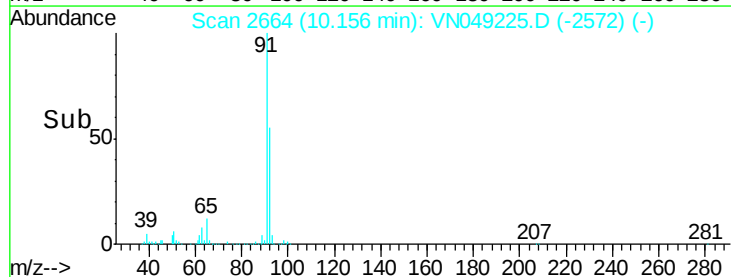
400000

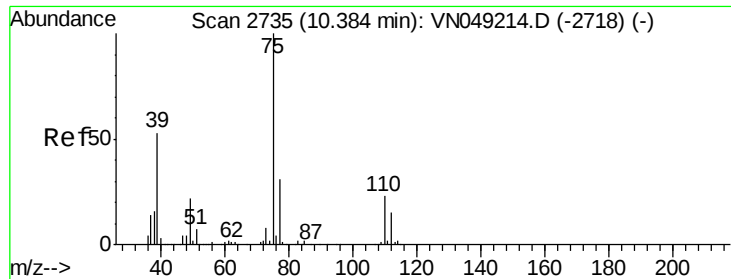
200000

0

10.10 10.16 10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.25 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

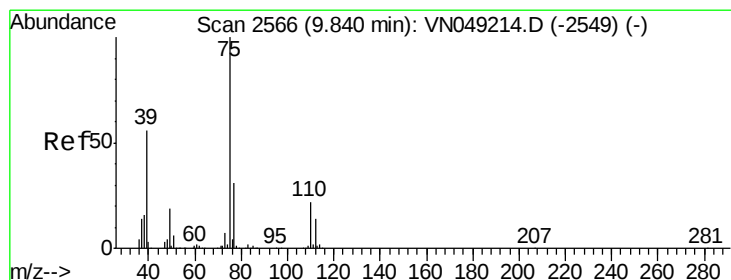
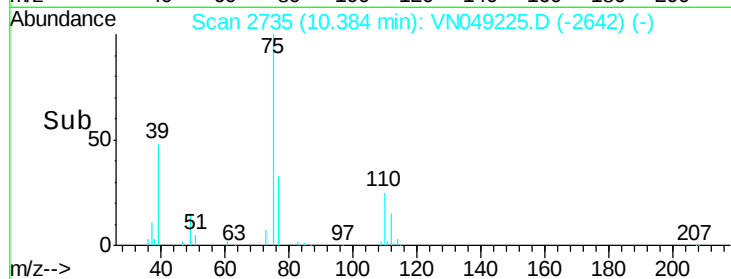
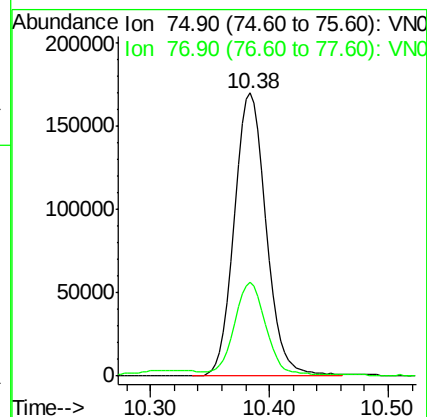
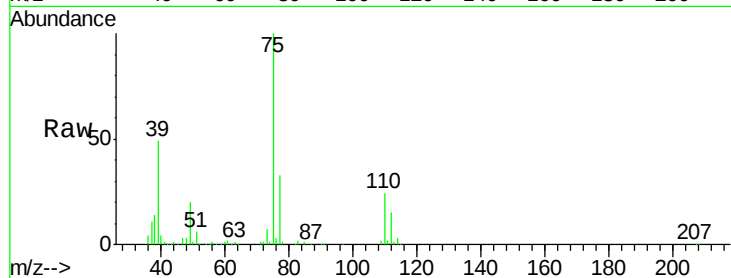
ClientSampleId :

Tot Ion: 75 Resp: 317490

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 17.39 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

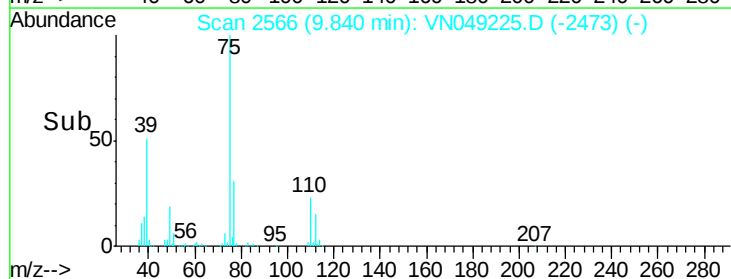
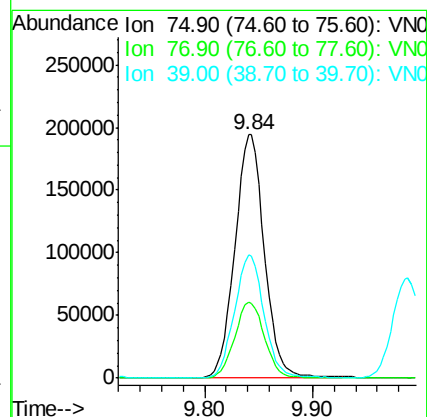
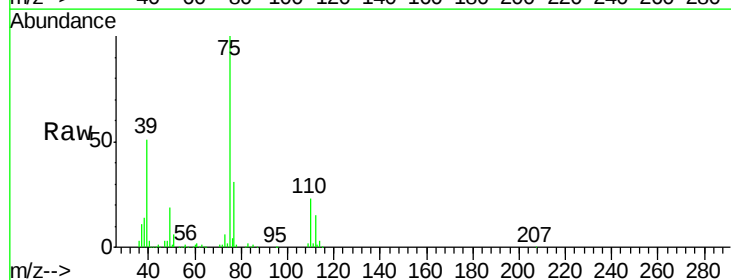
Tgt Ion: 75 Resp: 370946

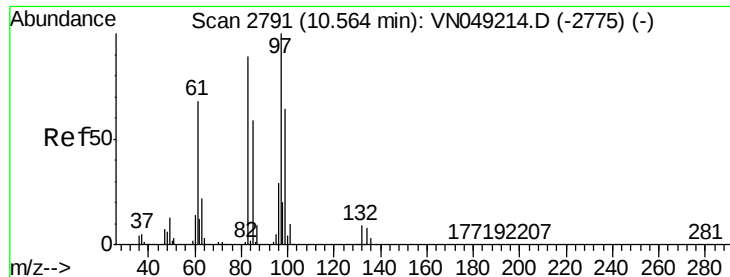
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 50.7 45.1 67.7

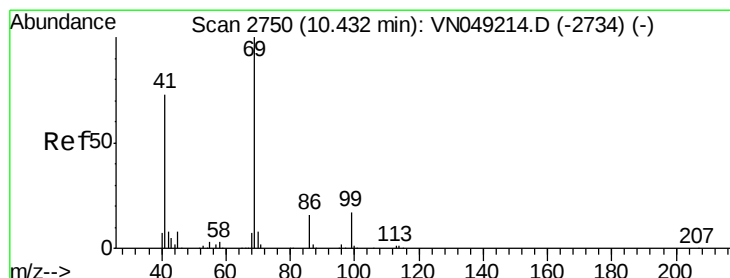
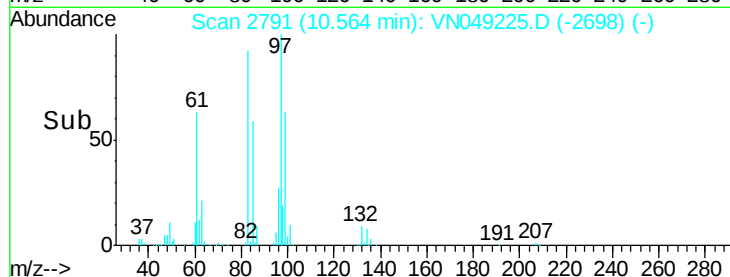
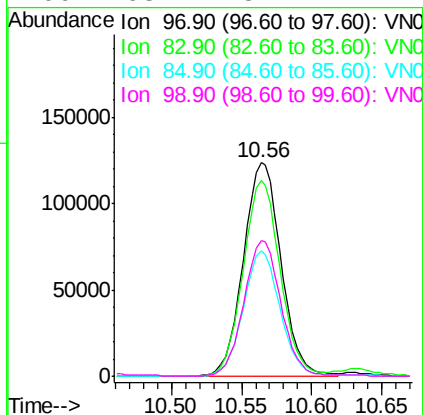
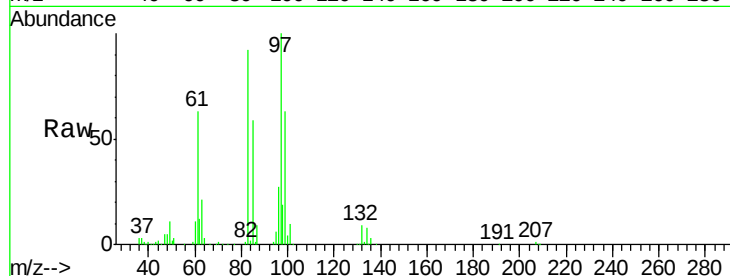




#55
 1,1,2-Trichloroethane
 Concen: 19.21 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

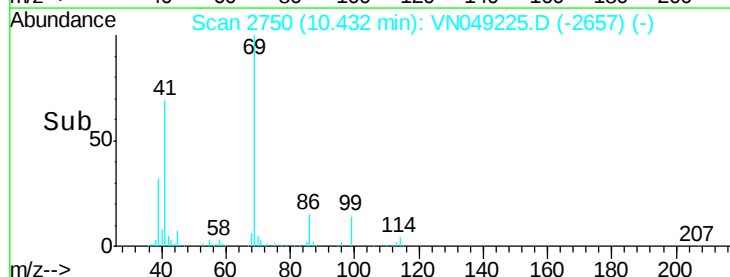
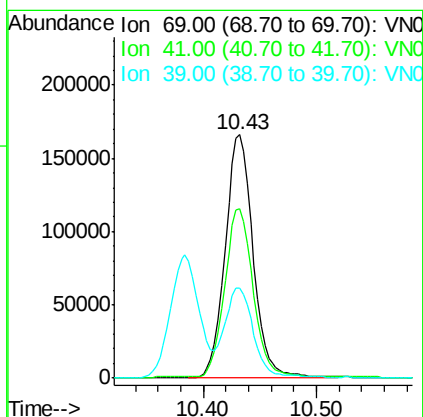
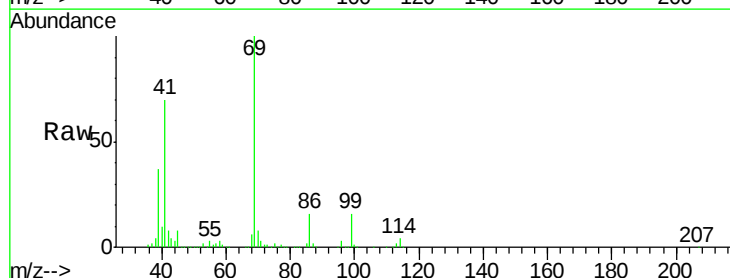
Instrument :
 MSVOA_N
 ClientSampled :

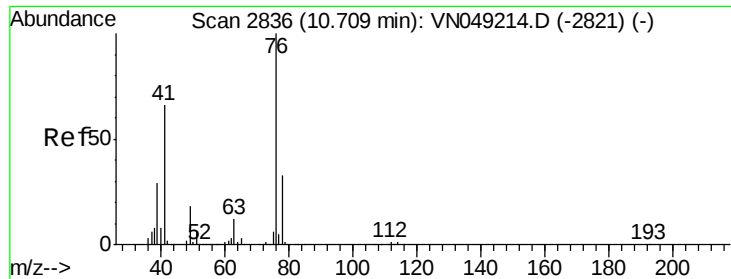
Tot Ion	Ratio	Lower	Upper
97	100		
83	92.0	71.5	107.3
85	59.0	47.0	70.4
99	63.1	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 19.64 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.3	58.4	87.6
39	37.8	35.5	53.3

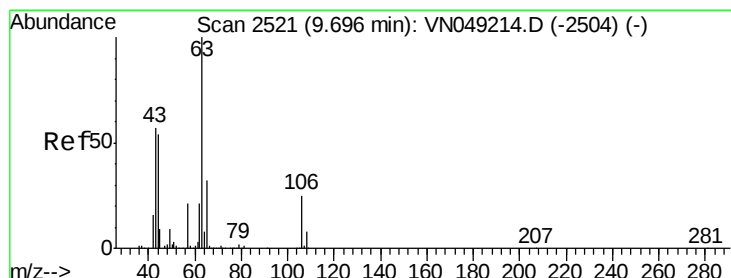
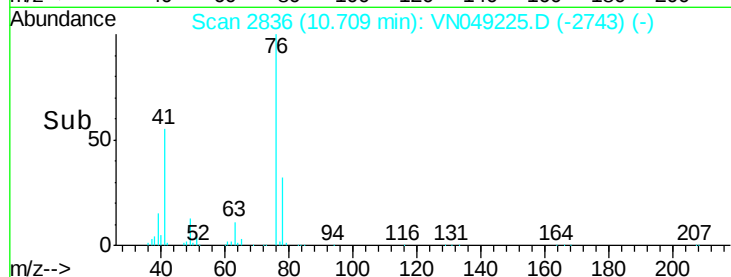
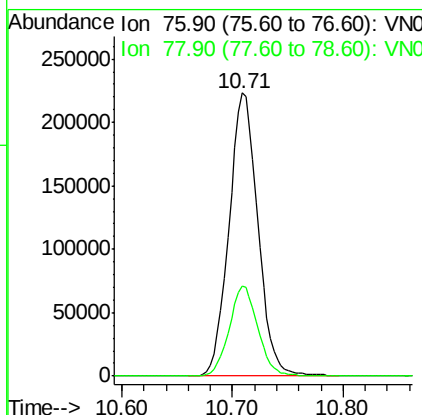
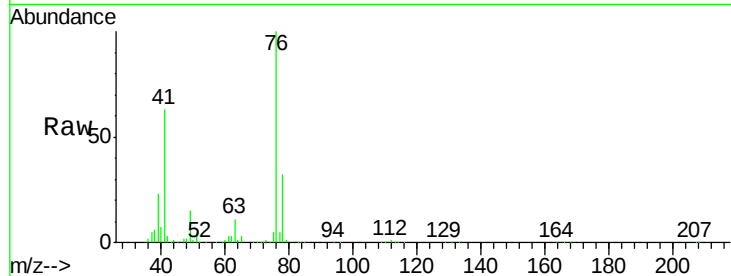




#57
 1,3-Dichloropropane
 Concen: 19.59 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

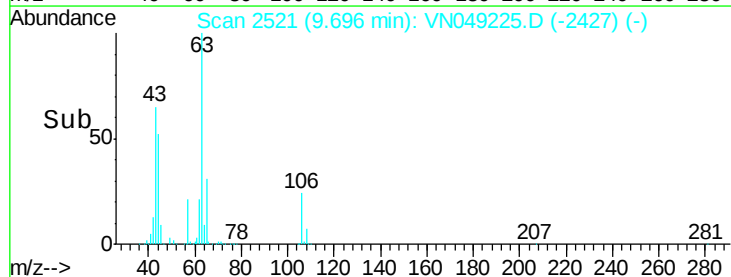
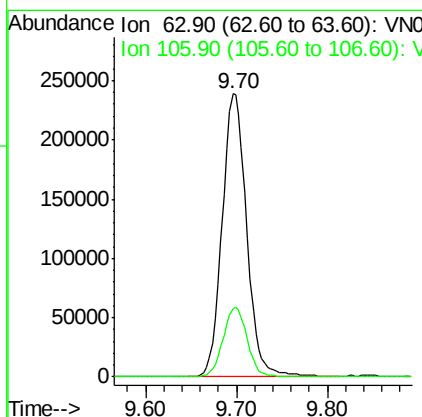
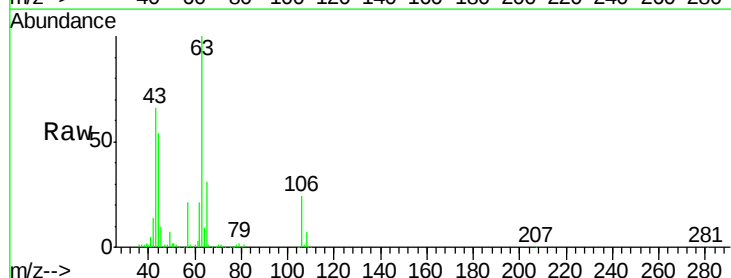
Instrument :
 MSVOA_N
 ClientSampled :

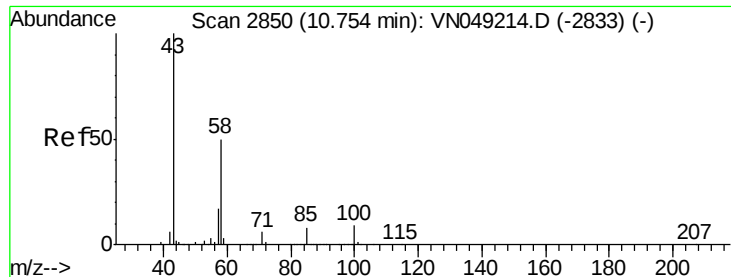
Tot Ion: 76 Resp: 405758
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.79 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

Tgt Ion: 63 Resp: 447208
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.4 29.2

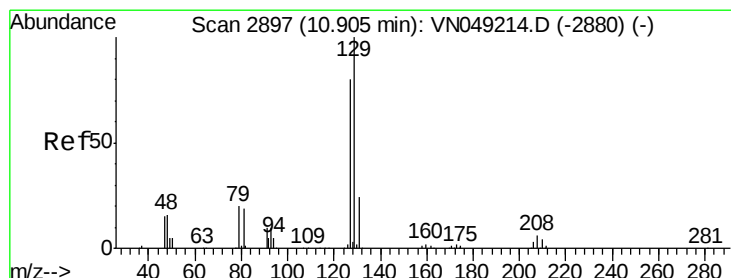
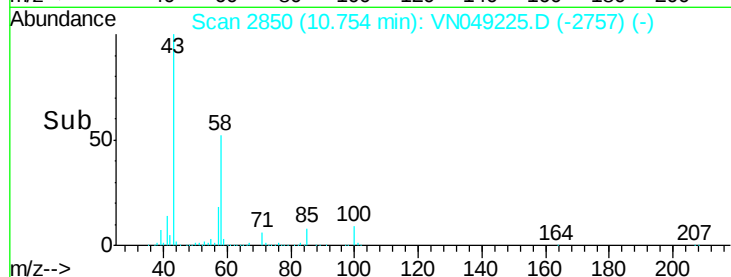
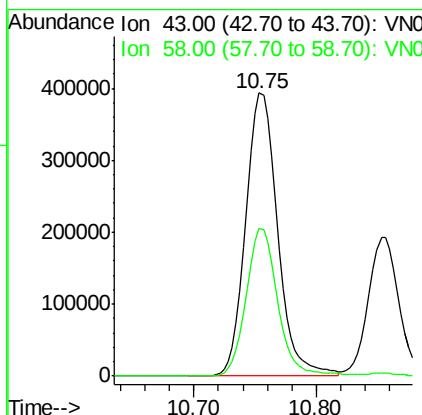
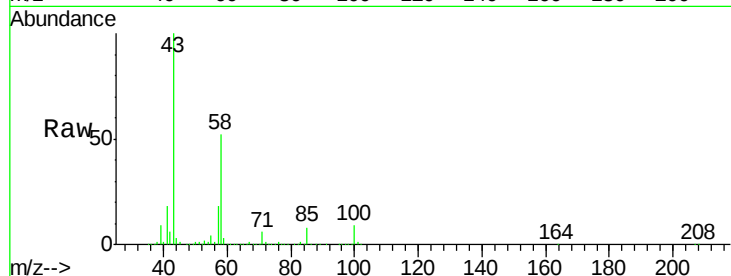




#59
2-Hexanone
Concen: 98.19 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

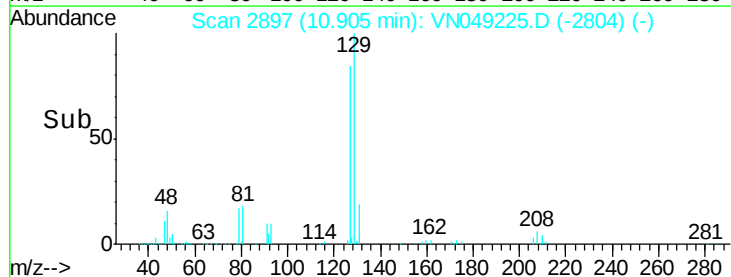
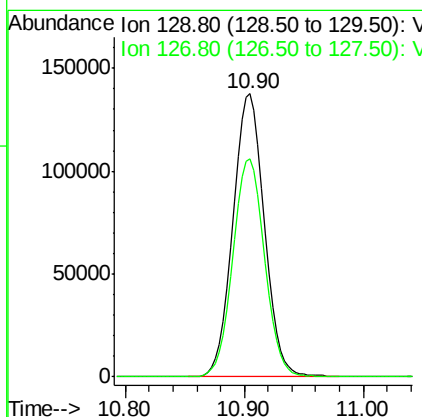
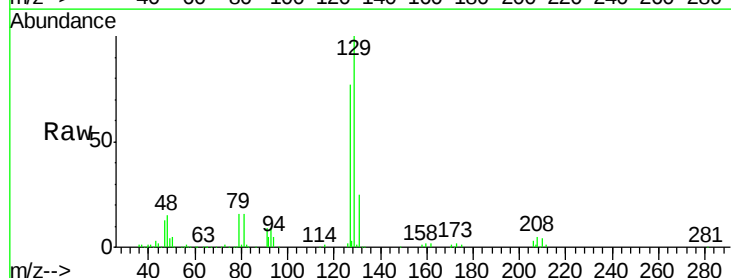
Instrument :
MSVOA_N
ClientSampled :

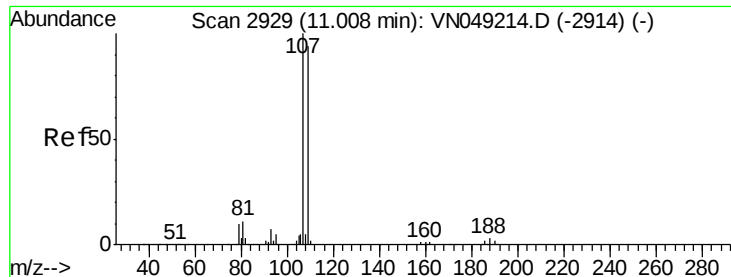
Tot Ion: 43 Resp: 706059
Ion Ratio Lower Upper
43 100
58 51.7 25.2 75.6



#60
Dibromochloromethane
Concen: 18.83 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion: 129 Resp: 252186
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.88 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

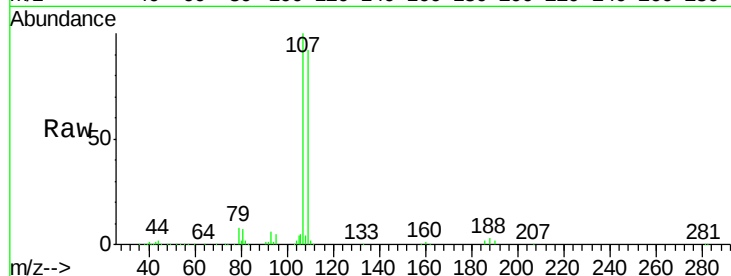
ClientSampleId :

Tot Ion: 107 Resp: 222041

Ion Ratio Lower Upper

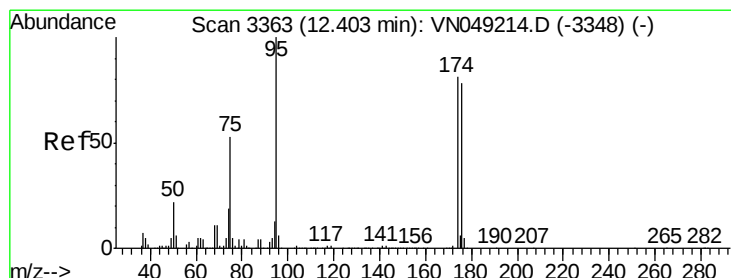
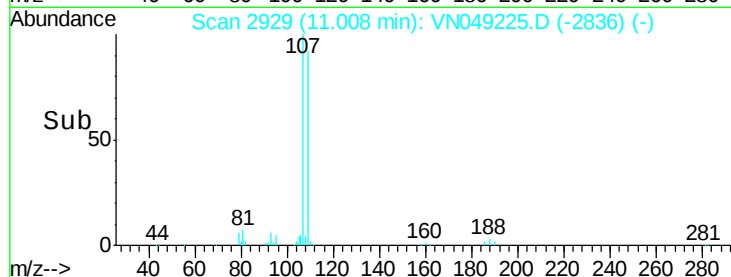
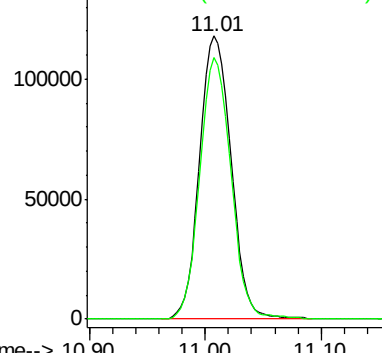
107 100

109 91.4 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.24 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

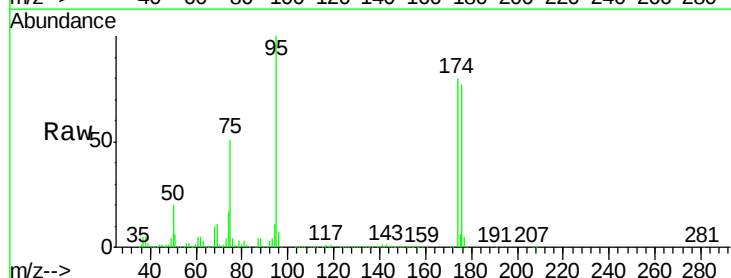
Tgt Ion: 95 Resp: 770272

Ion Ratio Lower Upper

95 100

174 80.9 0.0 165.6

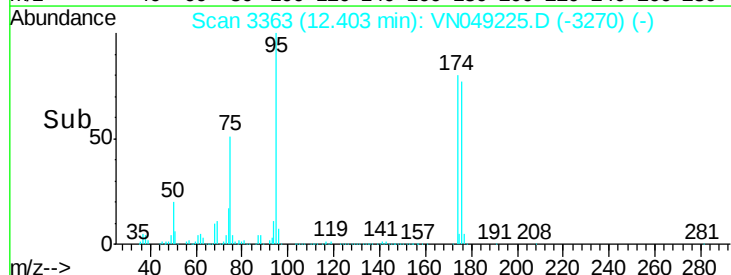
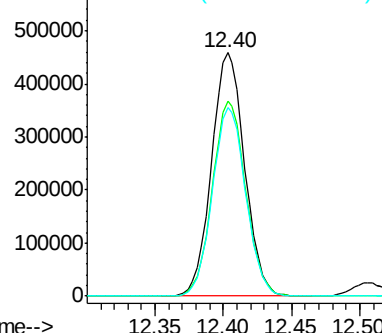
176 78.2 0.0 157.4

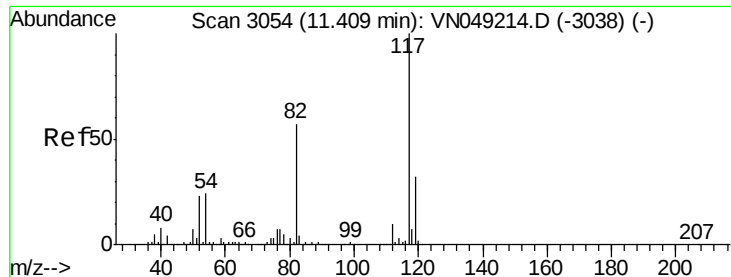


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

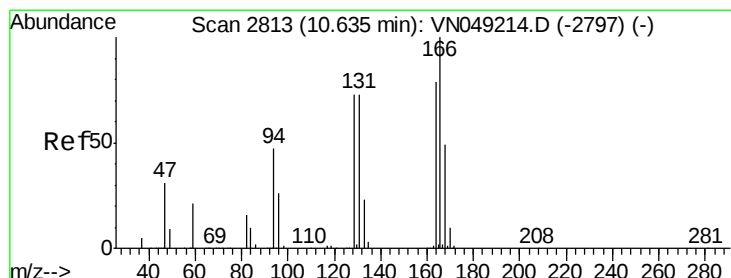
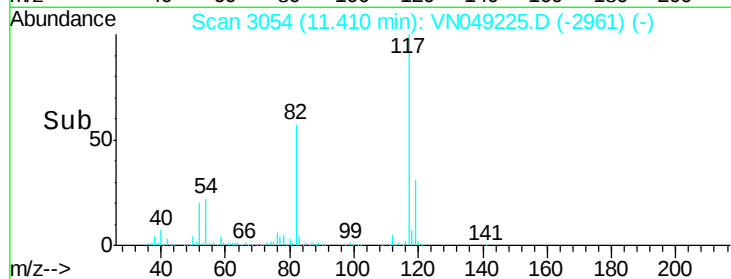
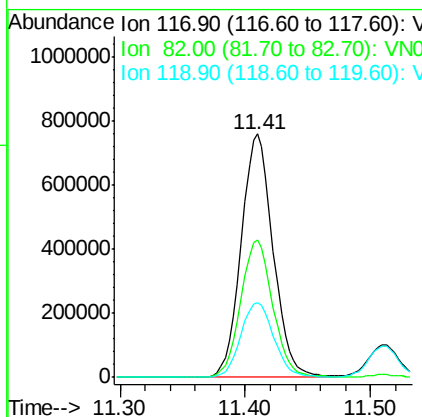
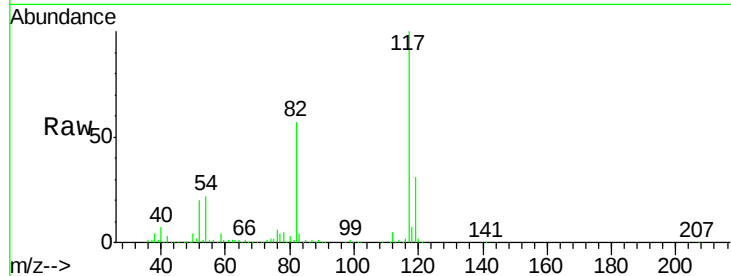




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

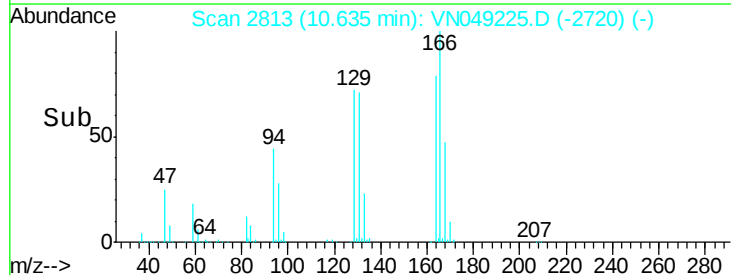
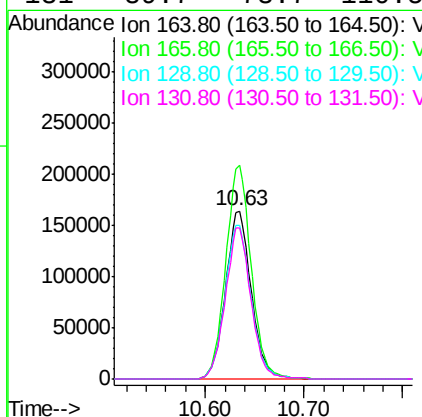
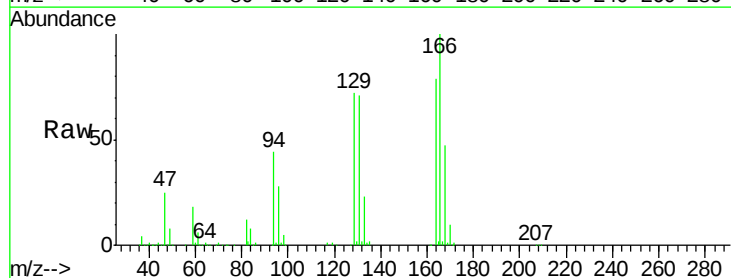
Instrument :
MSVOA_N
ClientSampled :

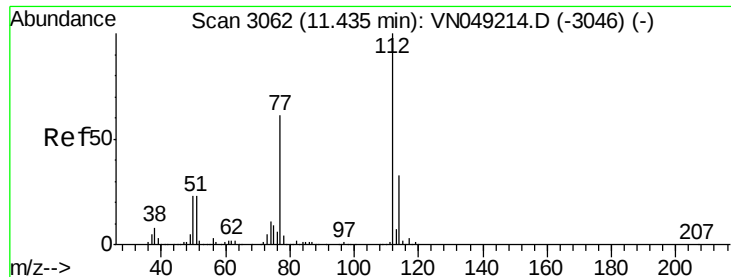
Tot Ion:117 Resp: 1347478
Ion Ratio Lower Upper
117 100
82 56.5 45.9 68.9
119 30.8 25.5 38.3



#64
Tetrachloroethene
Concen: 22.17 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion:164 Resp: 299277
Ion Ratio Lower Upper
164 100
166 126.9 101.4 152.2
129 91.5 74.1 111.1
131 89.7 73.7 110.5





#65

Chlorobenzene

Concen: 19.35 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

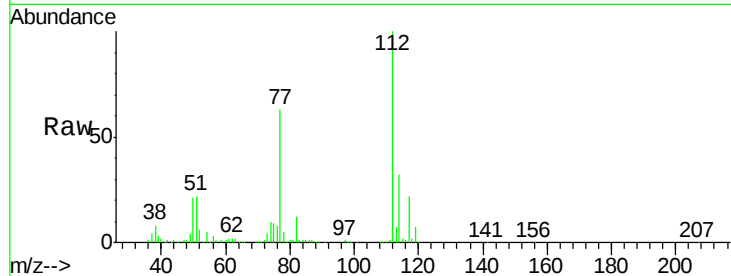
ClientSampled :

Tot Ion:112 Resp: 672779

Ion Ratio Lower Upper

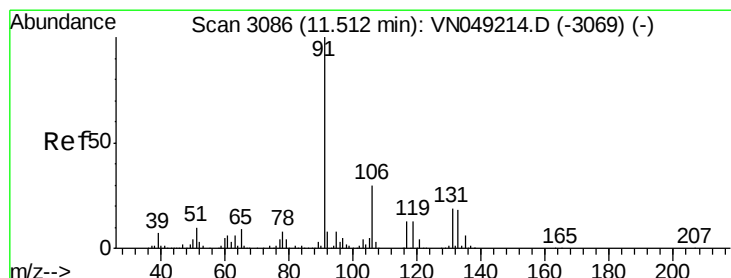
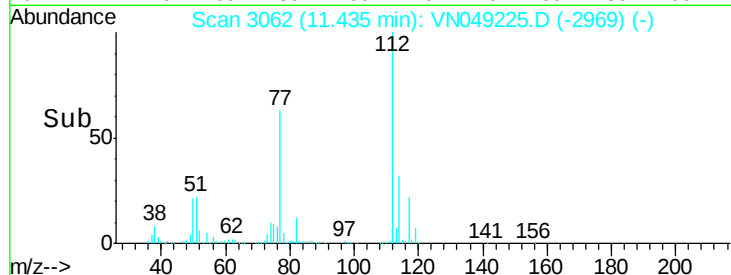
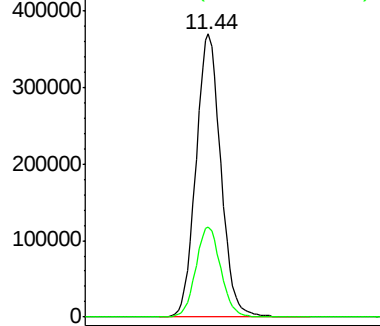
112 100

114 32.0 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.99 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

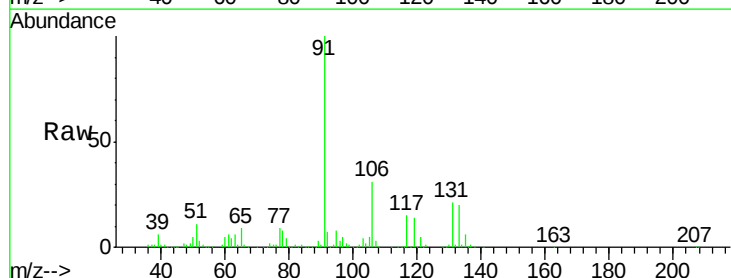
Tgt Ion:131 Resp: 251102

Ion Ratio Lower Upper

131 100

133 95.1 48.0 144.2

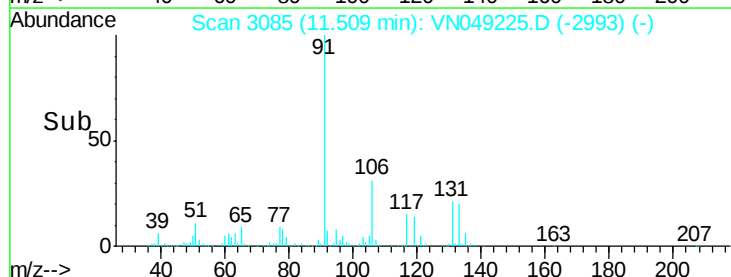
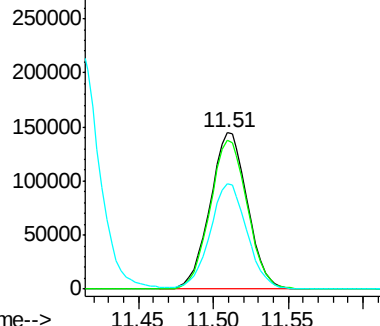
119 66.6 33.6 100.8

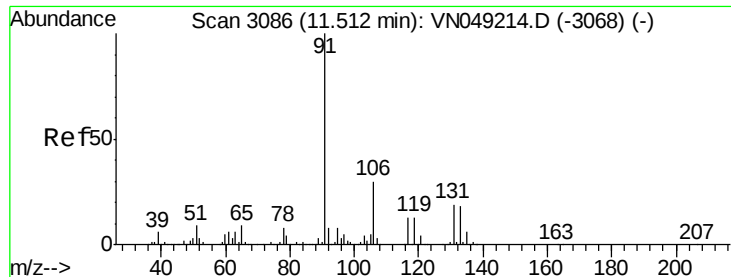


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.85 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

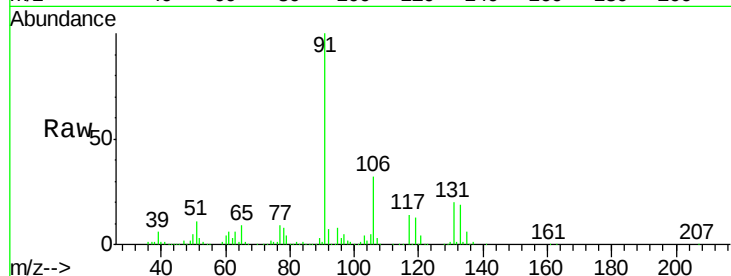
ClientSampled :

Tot Ion: 91 Resp: 1190402

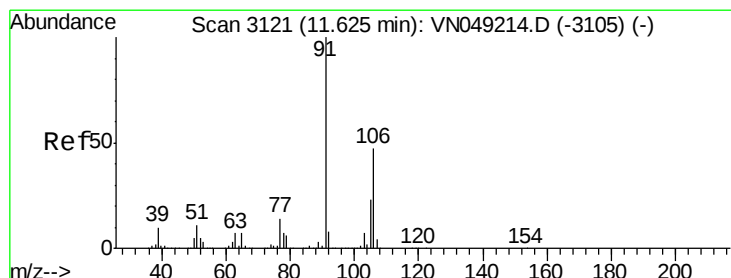
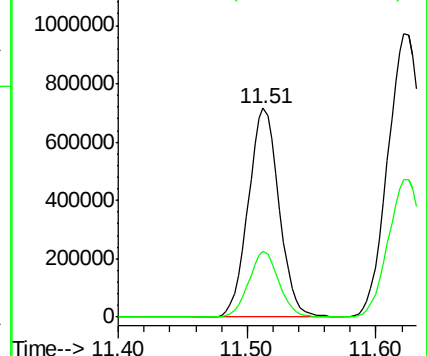
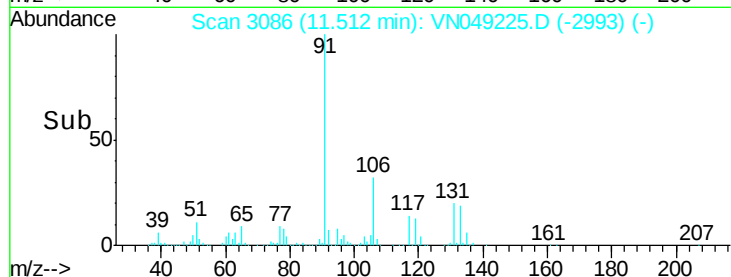
Ion Ratio Lower Upper

91 100

106 31.5 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049225.D (-2993) (-)



#68

m/p-Xylenes

Concen: 40.94 ug/l

RT: 11.62 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049225.D

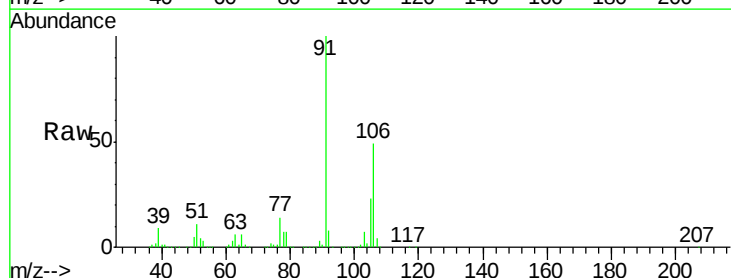
Acq: 14 Jun 2018 14:07

Tgt Ion: 106 Resp: 897699

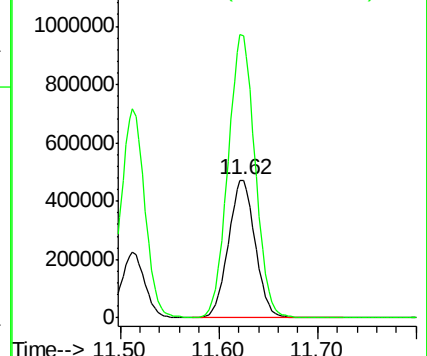
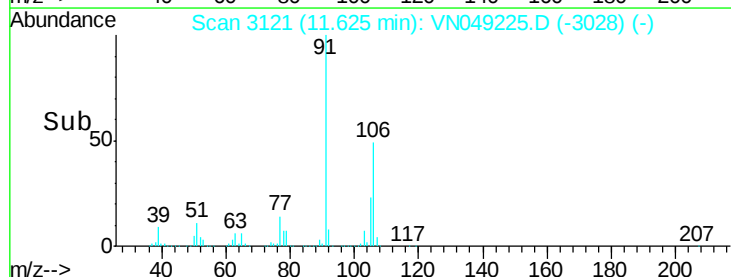
Ion Ratio Lower Upper

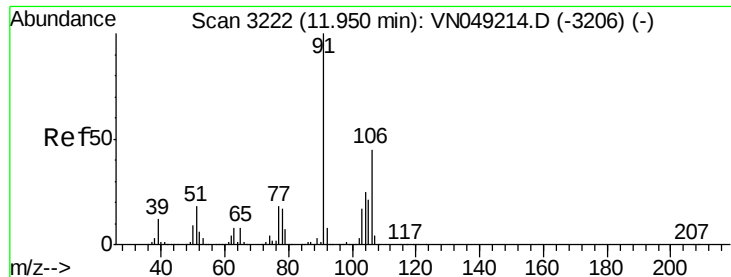
106 100

91 207.6 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049225.D (-3028) (-)

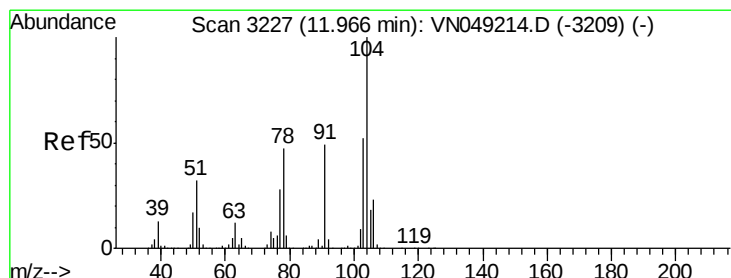
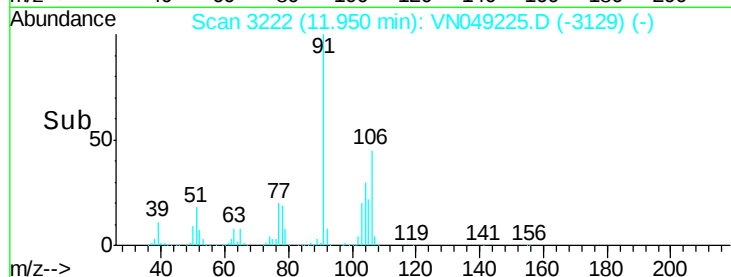
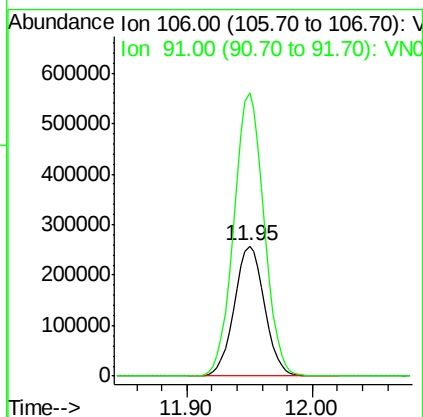
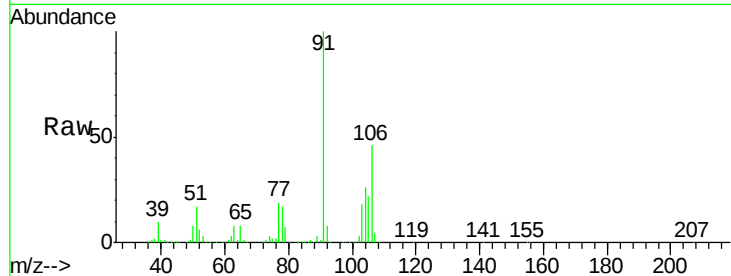




#69
o-Xylene
Concen: 20.41 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

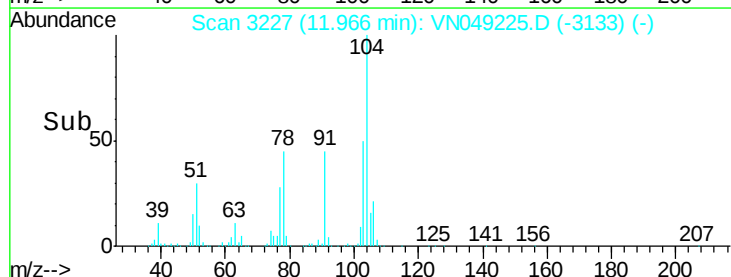
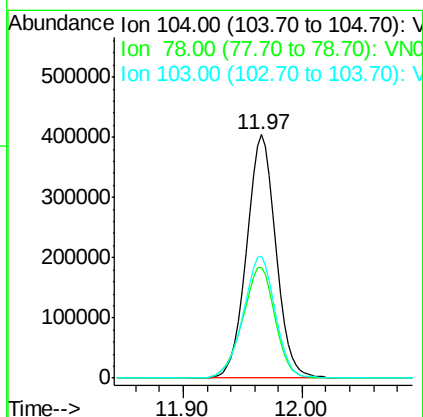
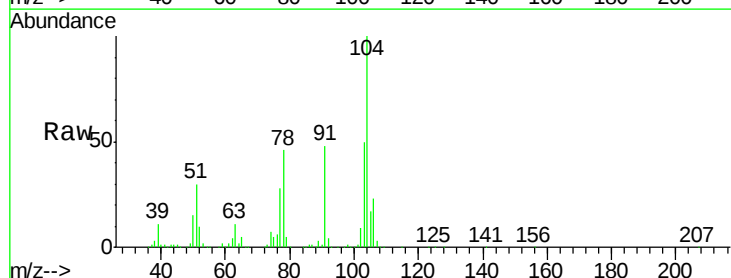
Instrument :
MSVOA_N
ClientSampled :

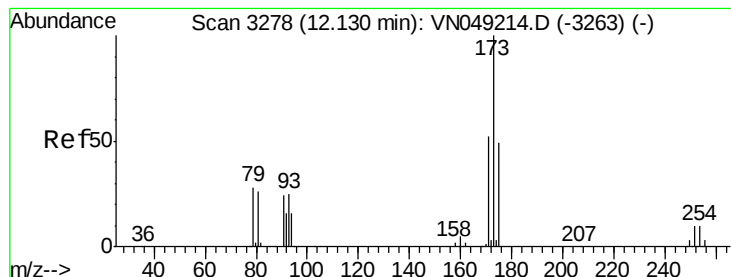
Tot Ion:106 Resp: 431141
Ion Ratio Lower Upper
106 100
91 217.5 111.0 333.0



#70
Styrene
Concen: 20.56 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion:104 Resp: 687534
Ion Ratio Lower Upper
104 100
78 50.9 41.6 62.4
103 55.0 45.4 68.2





#71

Bromoform

Concen: 19.18 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

ClientSampled :

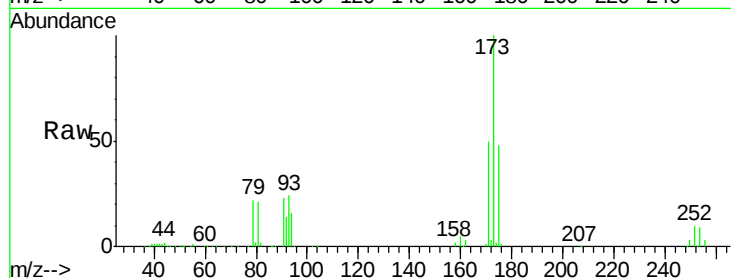
Tot Ion:173 Resp: 158540

Ion Ratio Lower Upper

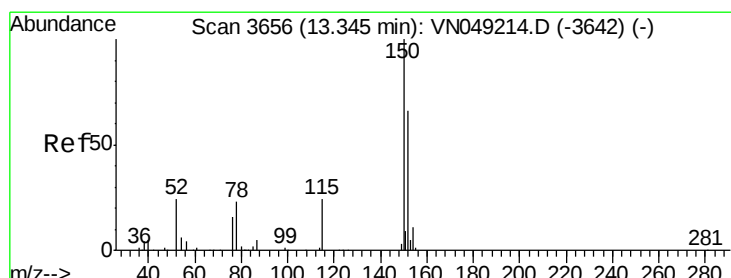
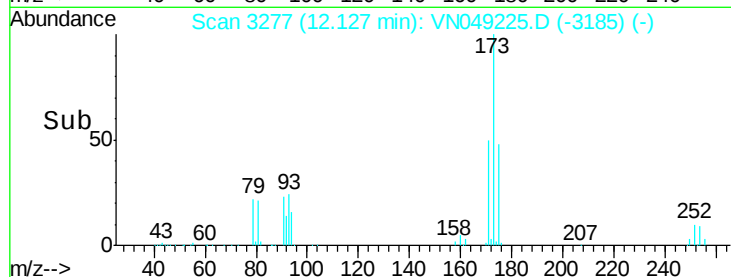
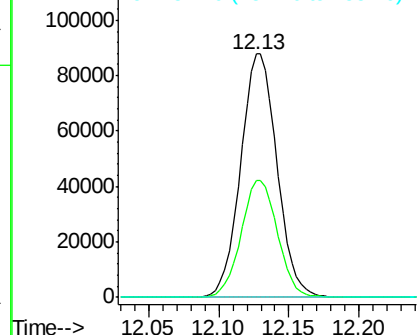
173 100

175 48.0 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: VN049225.D

Acq: 14 Jun 2018 14:07

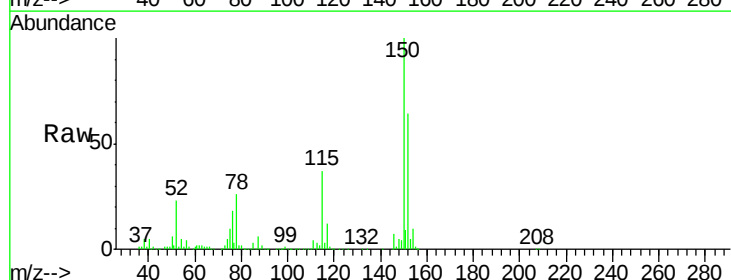
Tgt Ion:152 Resp: 624390

Ion Ratio Lower Upper

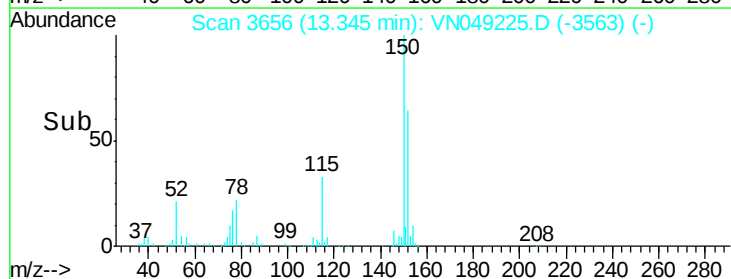
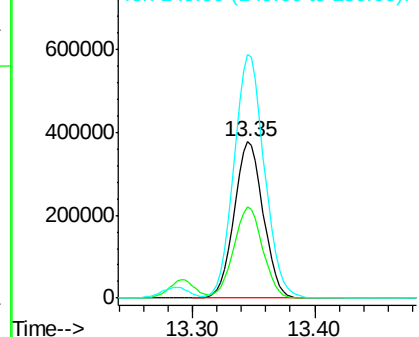
152 100

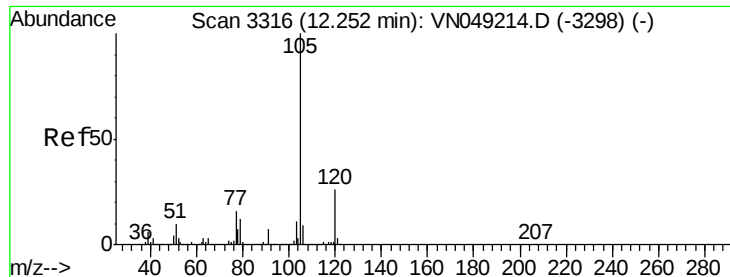
115 58.6 28.7 86.1

150 163.4 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: 19.06 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

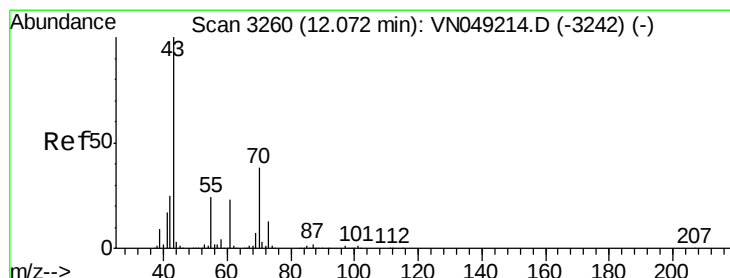
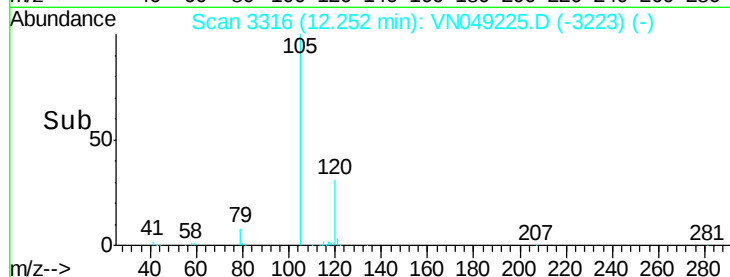
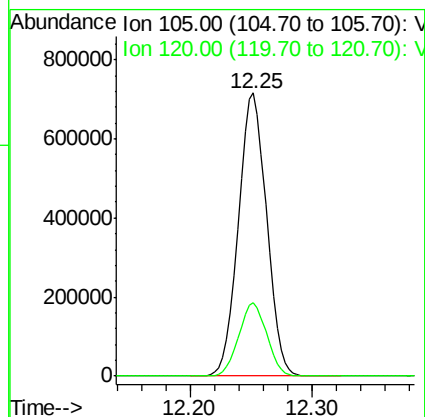
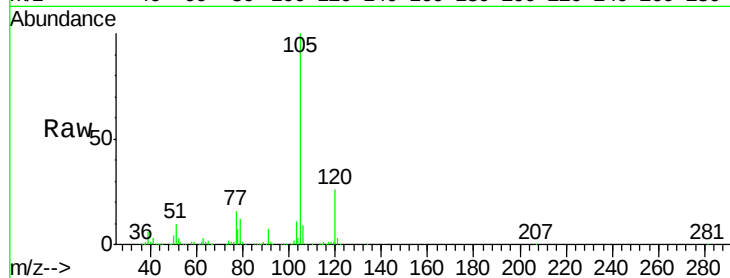
ClientSampleId :

Tot Ion:105 Resp: 1143003

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 18.34 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Tgt Ion: 43 Resp: 313238

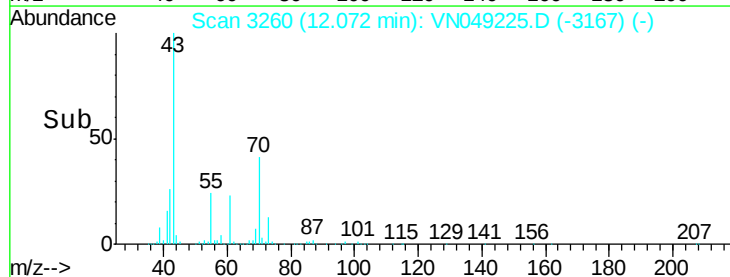
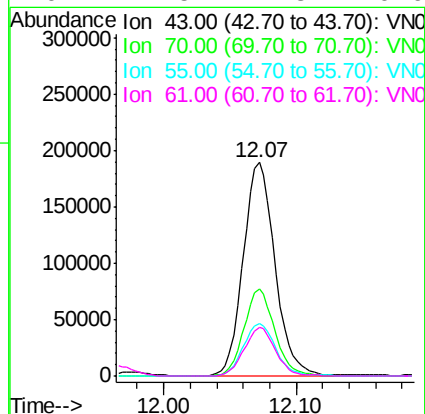
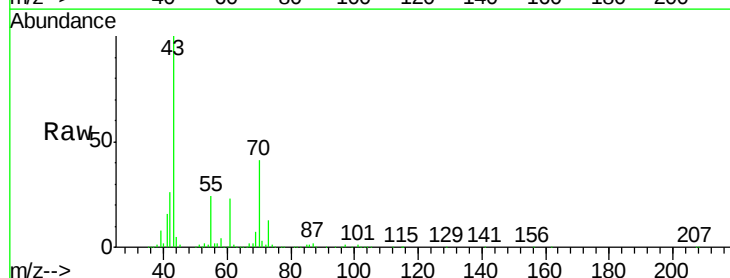
Ion Ratio Lower Upper

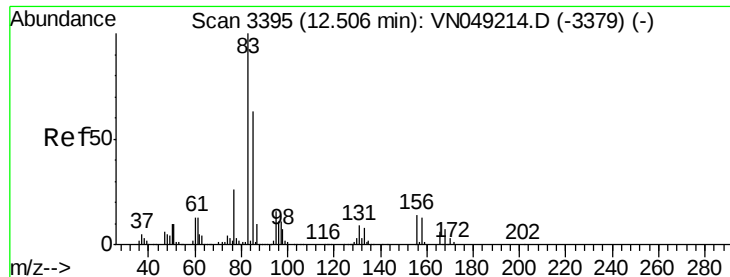
43 100

70 39.5 30.3 45.5

55 25.5 19.4 29.2

61 22.5 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.02 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

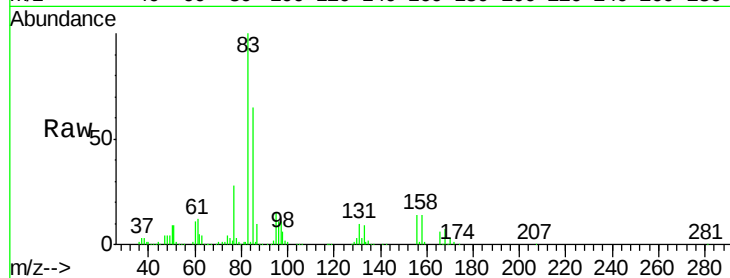
Tot Ion: 83 Resp: 277592

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

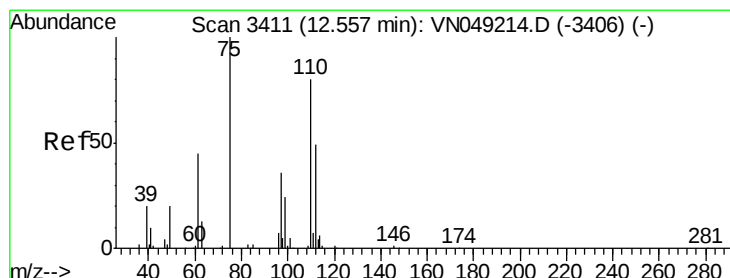
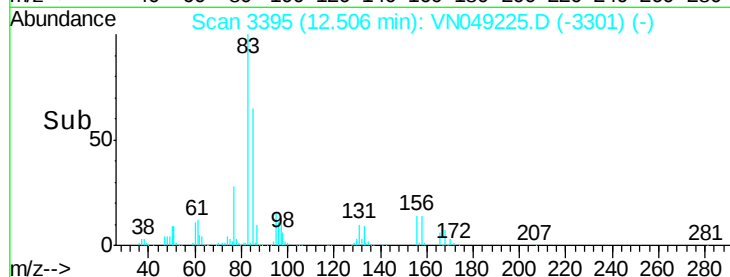
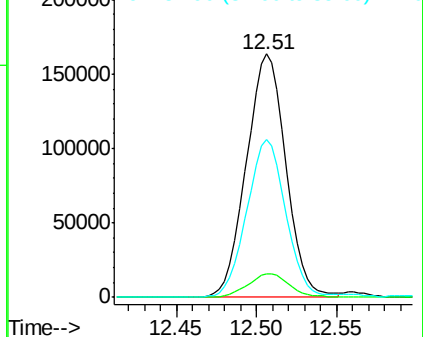
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049225.D (-3301) (-)

Ion 130.80 (130.50 to 131.50): VN049225.D (-3301) (-)

Ion 84.90 (84.60 to 85.60): VN049225.D (-3301) (-)



#76

1,2,3-Trichloropropane

Concen: 30.66 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049225.D

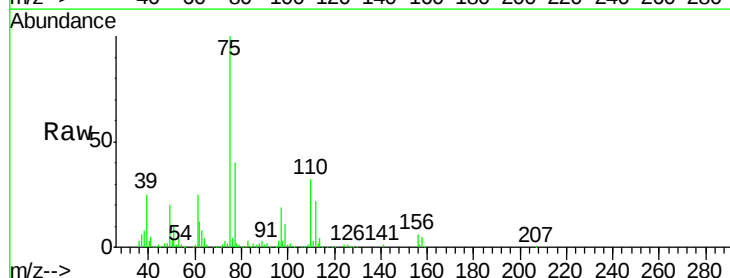
Acq: 14 Jun 2018 14:07

Tgt Ion: 75 Resp: 326204

Ion Ratio Lower Upper

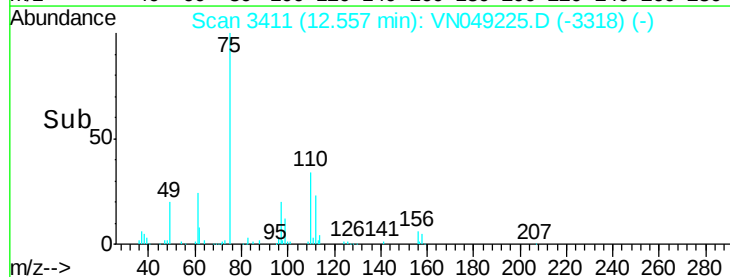
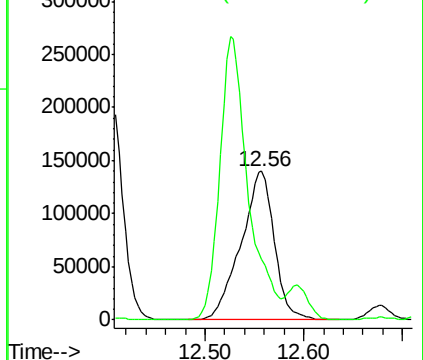
75 100

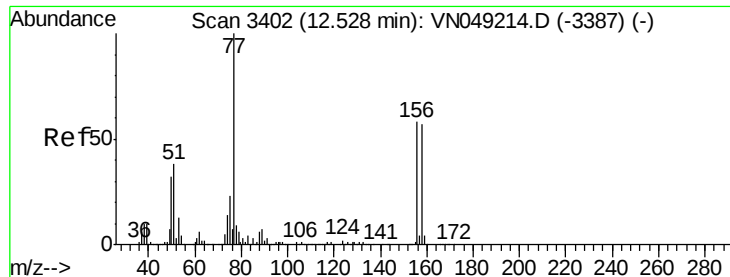
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049225.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049225.D (-3318) (-)





#77

Bromobenzene

Concen: 20.56 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

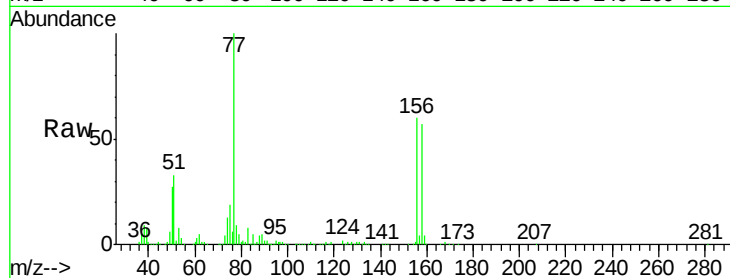
Tot Ion:156 Resp: 272722

Ion Ratio Lower Upper

156 100

77 196.7 100.8 302.4

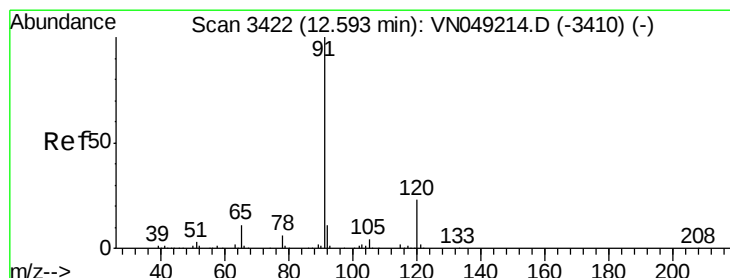
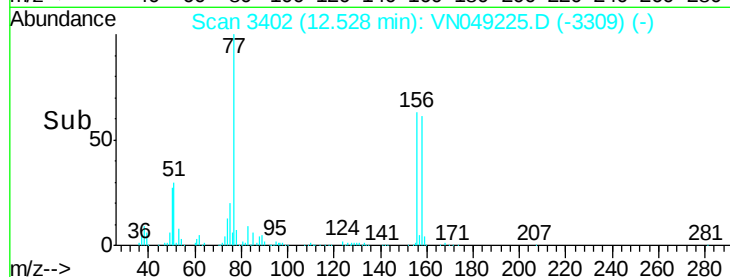
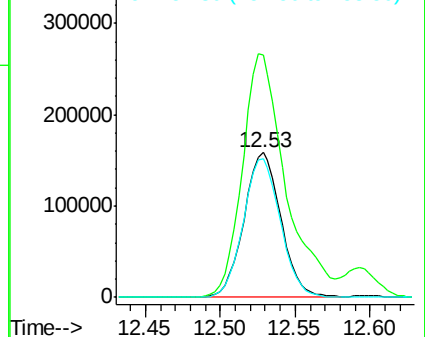
158 95.8 49.3 147.9



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: 19.53 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049225.D

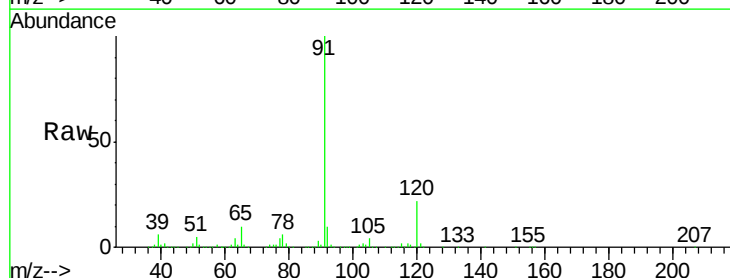
Acq: 14 Jun 2018 14:07

Tgt Ion: 91 Resp: 1301004

Ion Ratio Lower Upper

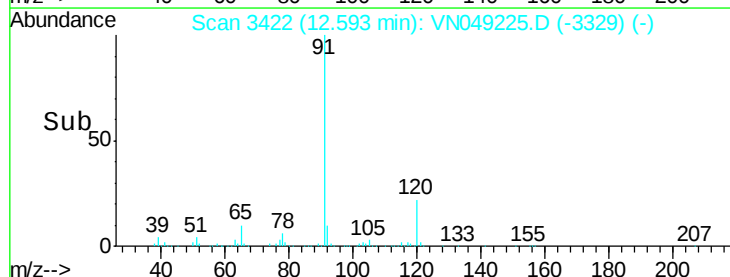
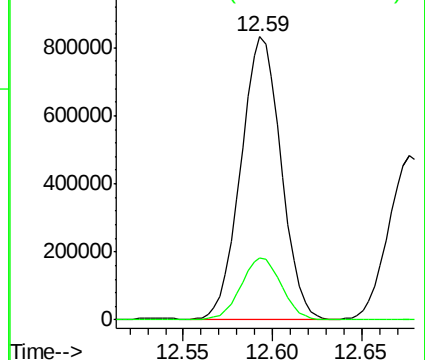
91 100

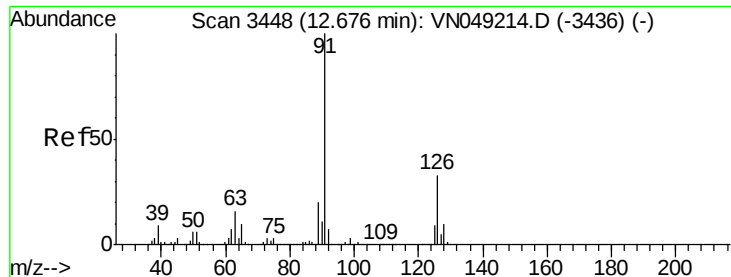
120 22.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.02 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

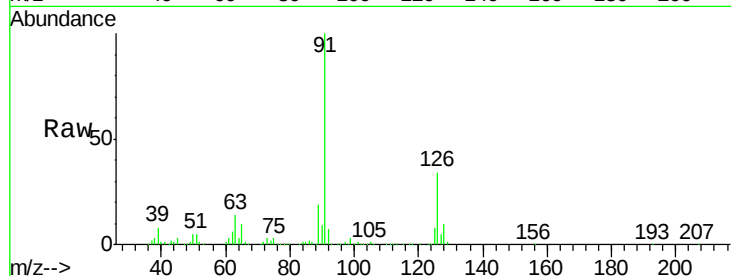
ClientSampled :

Tot Ion: 91 Resp: 799102

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049225.D (-3355) (-)

Ion 125.90 (125.60 to 126.60): VN049225.D (-3355) (-)

600000

400000

200000

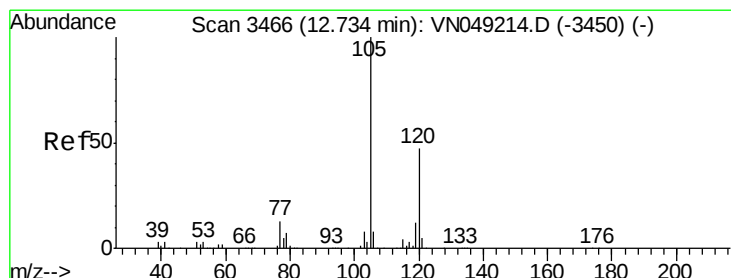
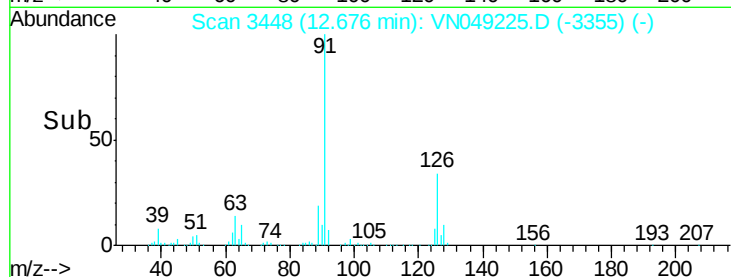
0

12.68

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.20 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049225.D

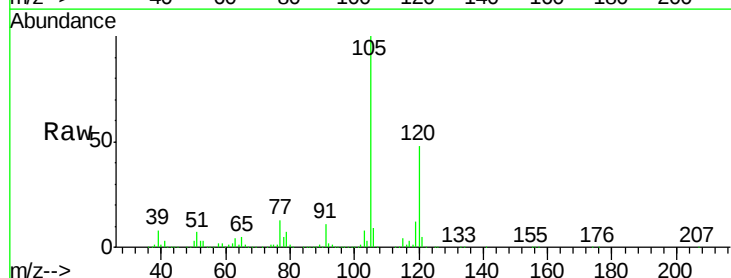
Acq: 14 Jun 2018 14:07

Tgt Ion: 105 Resp: 929054

Ion Ratio Lower Upper

105 100

120 48.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049225.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN049225.D (-3373) (-)

600000

400000

200000

0

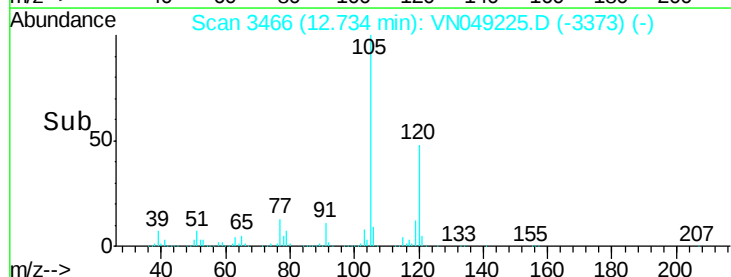
12.73

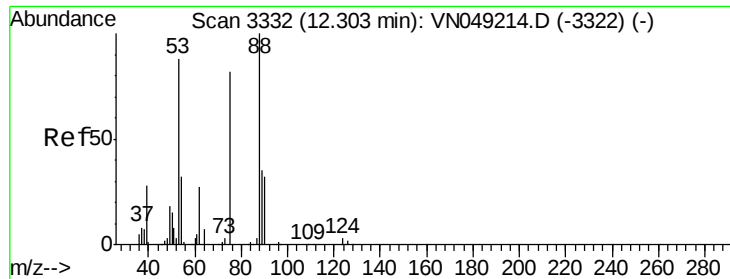
12.65

12.75

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 14.85 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

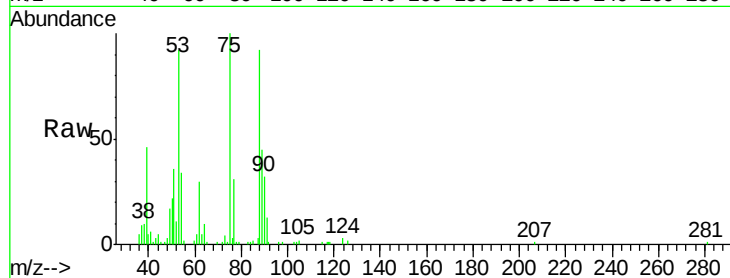
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 55499

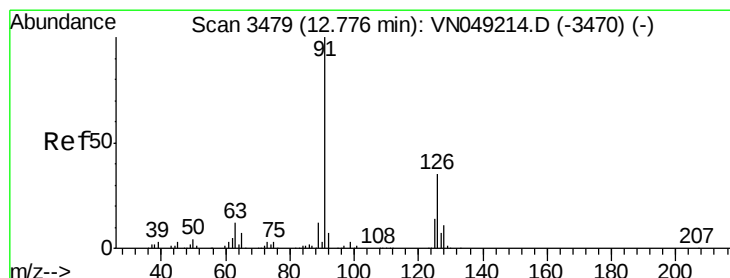
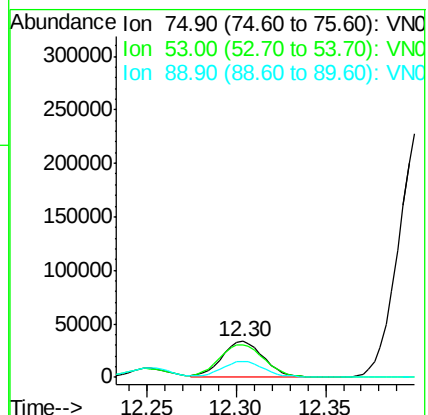
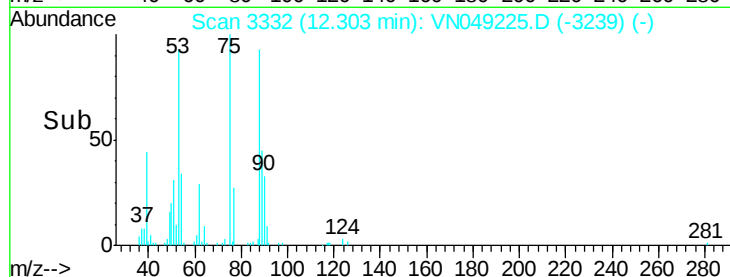
Ion	Ratio	Lower	Upper
75	100		
53	96.1	82.7	124.1
89	44.9	36.5	54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.64 ug/l

RT: 12.78 min Scan# 3479

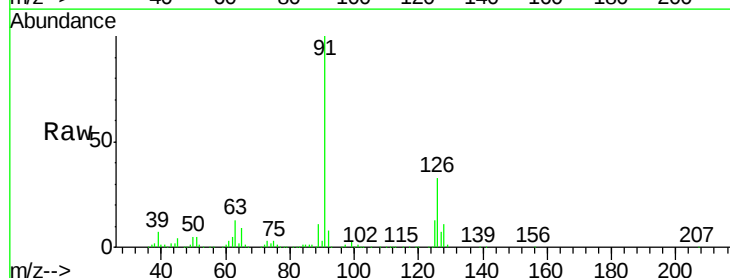
Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

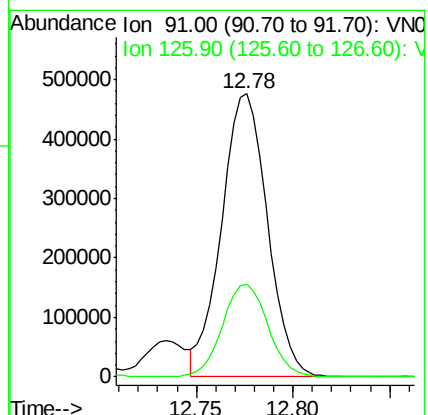
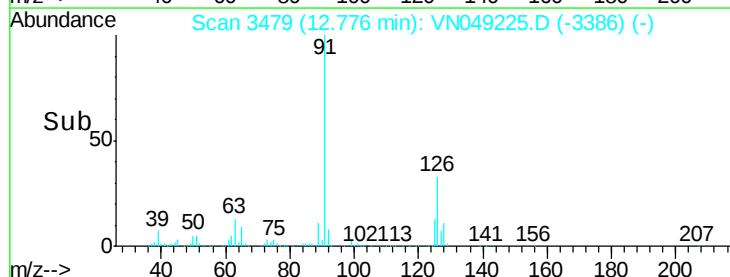
Tgt Ion: 91 Resp: 782761

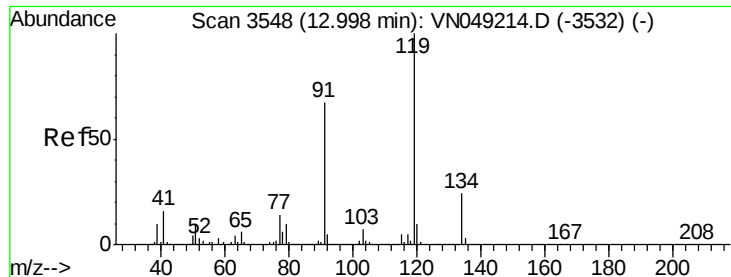
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

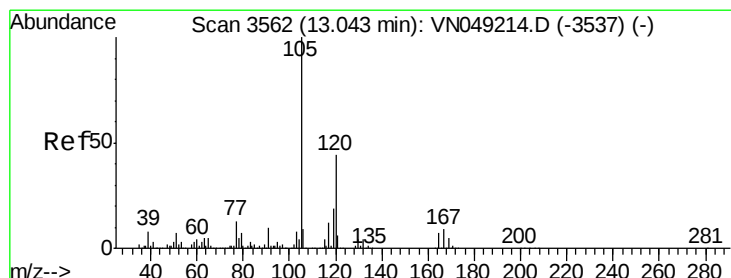
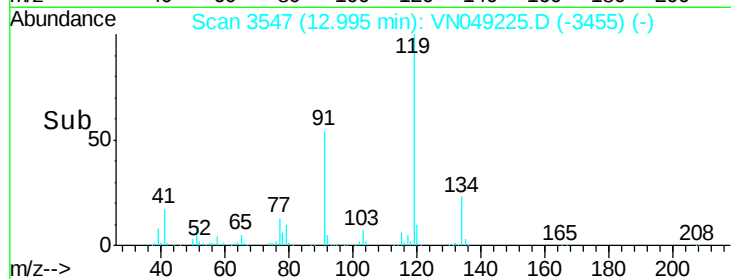
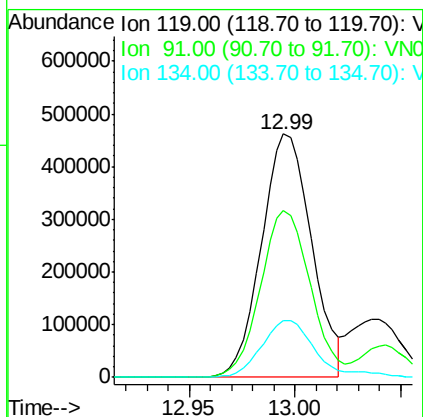
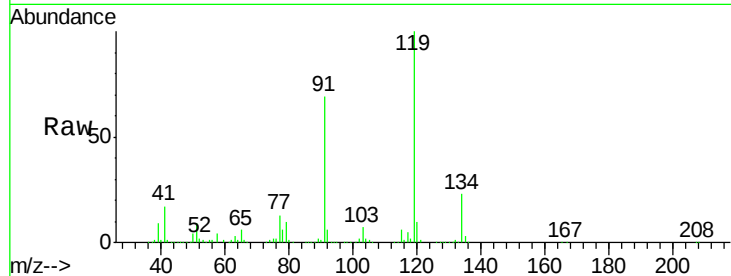




#83
 tert-Butylbenzene
 Concen: 19.31 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

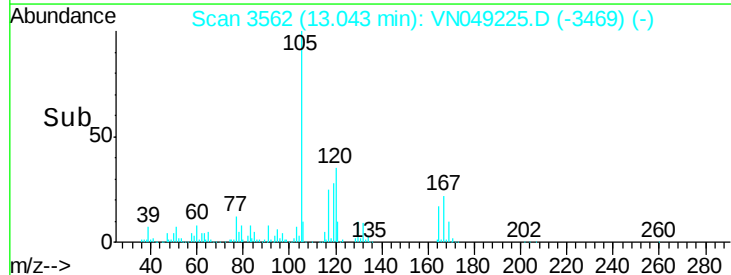
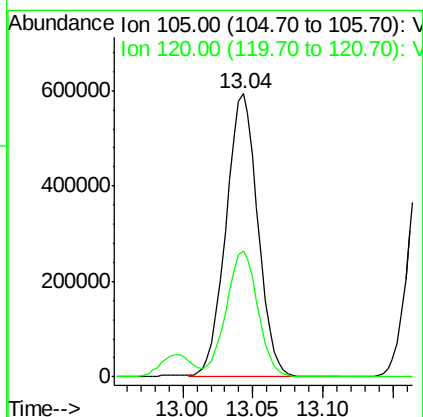
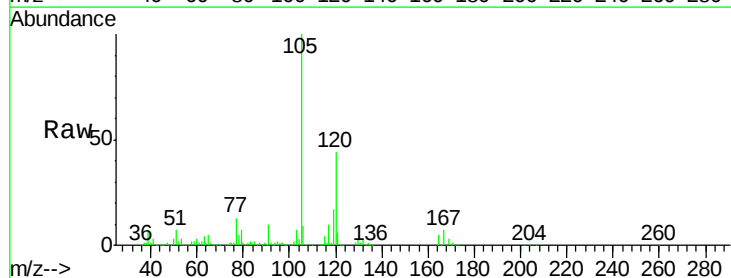
Instrument :
 MSVOA_N
 ClientSampled :

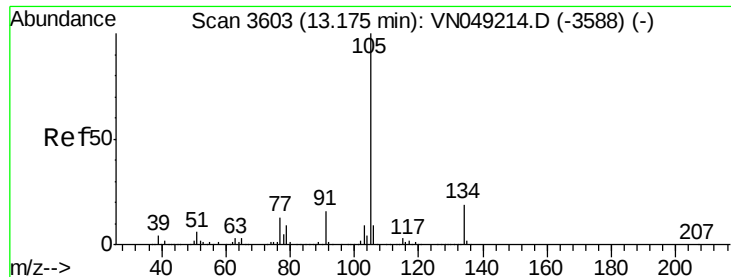
Tot Ion:119 Resp: 764827
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.7 101.0
 134 25.3 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.44 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

Tgt Ion:105 Resp: 934229
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.73 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

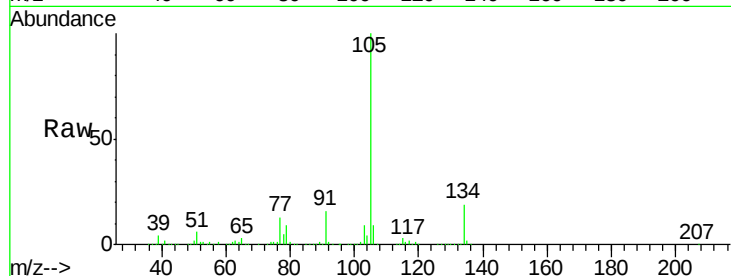
ClientSampleId :

Tot Ion:105 Resp: 1041684

Ion Ratio Lower Upper

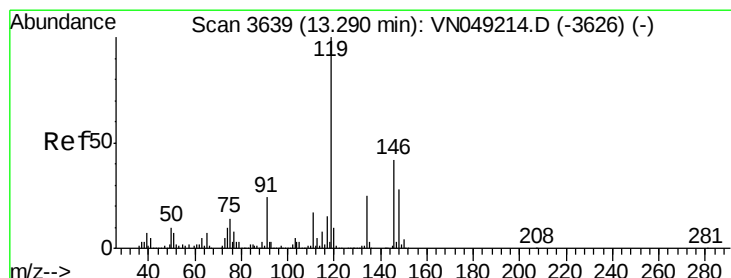
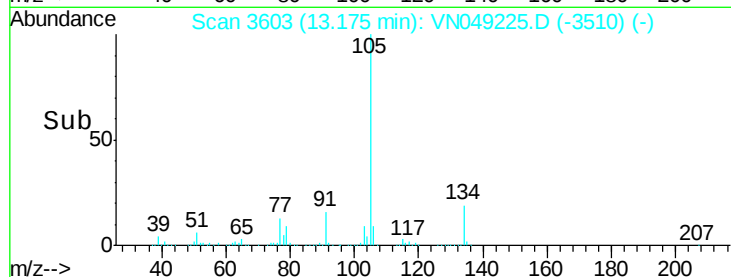
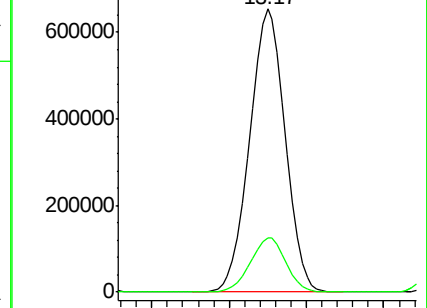
105 100

134 19.2 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.69 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

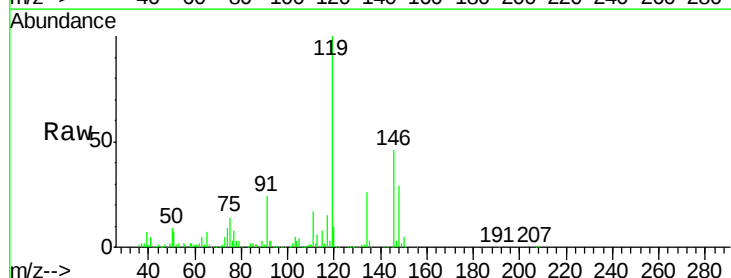
Tgt Ion:119 Resp: 842282

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

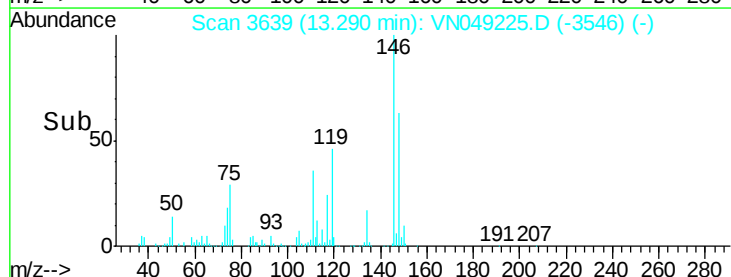
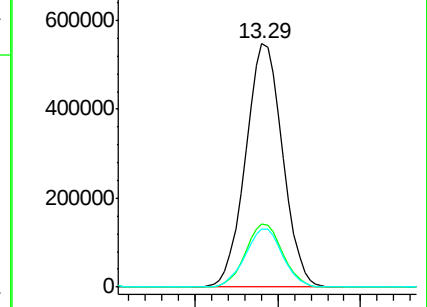
91 24.2 12.1 36.3

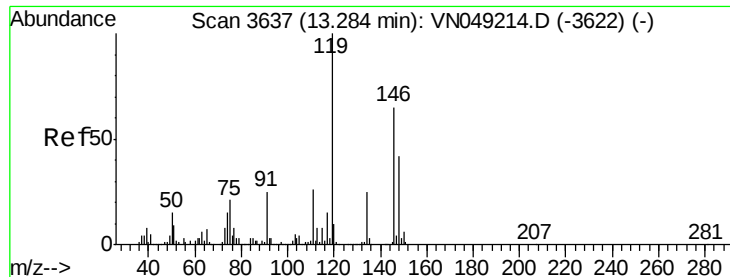


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.59 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

ClientSampled :

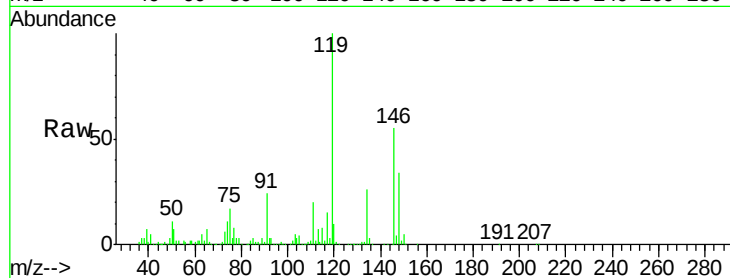
Tot Ion:146 Resp: 459728

Ion Ratio Lower Upper

146 100

111 38.6 19.9 59.6

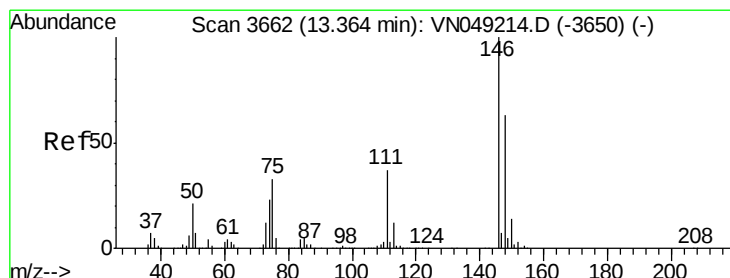
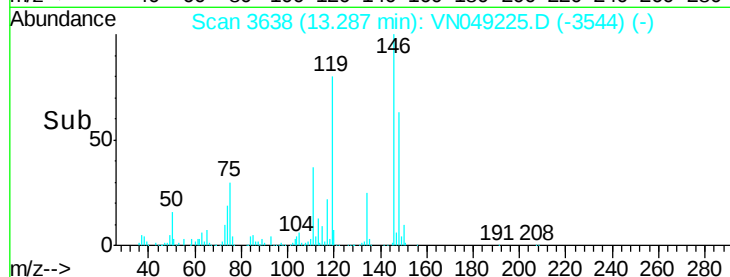
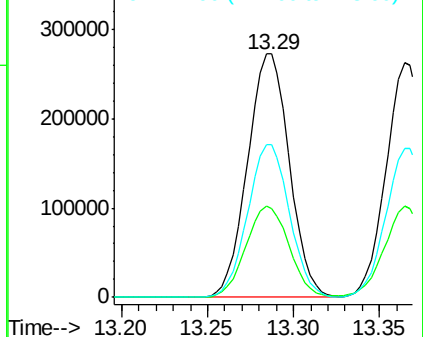
148 62.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.89 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

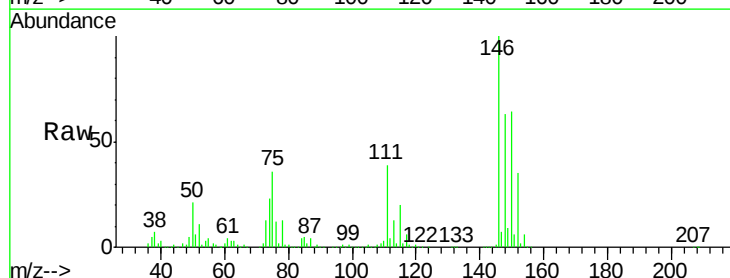
Tgt Ion:146 Resp: 436595

Ion Ratio Lower Upper

146 100

111 39.9 19.1 57.1

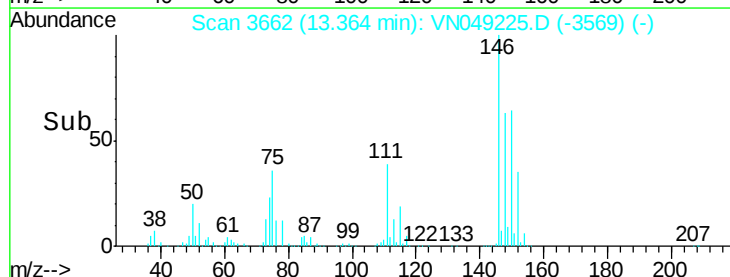
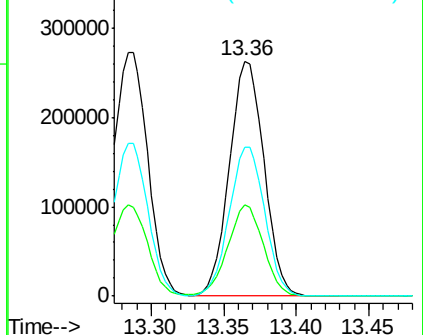
148 65.0 32.0 96.2

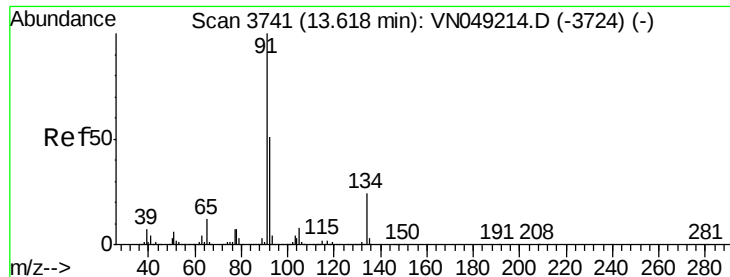


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

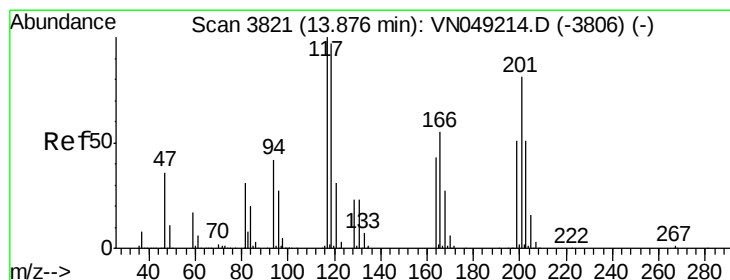
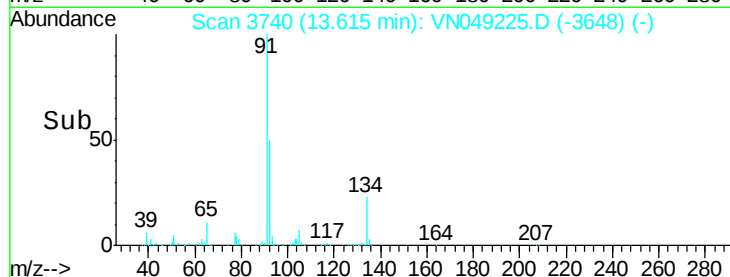
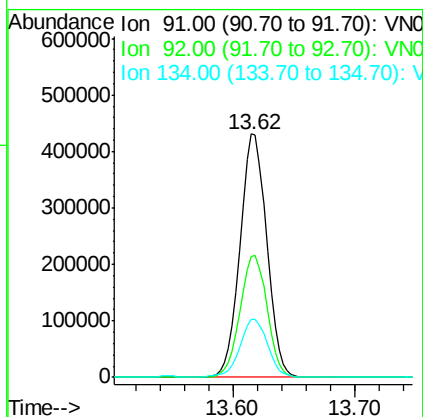
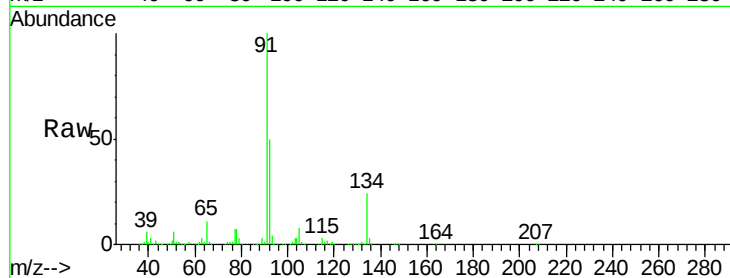




#89
n-Butylbenzene
Concen: 18.33 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

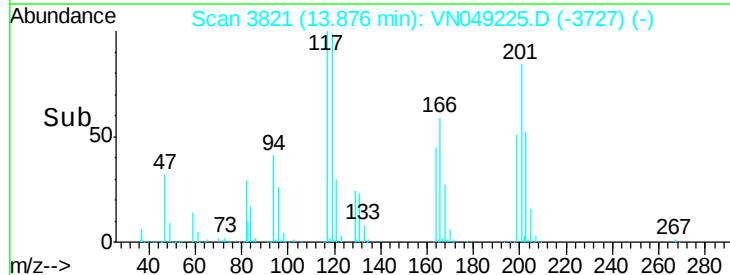
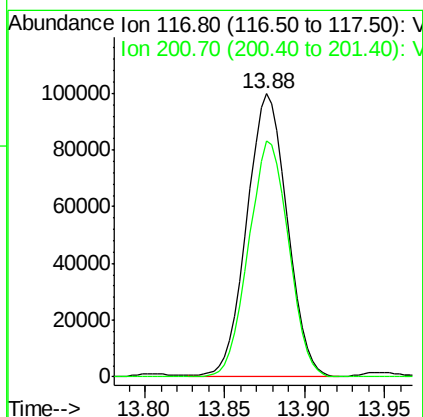
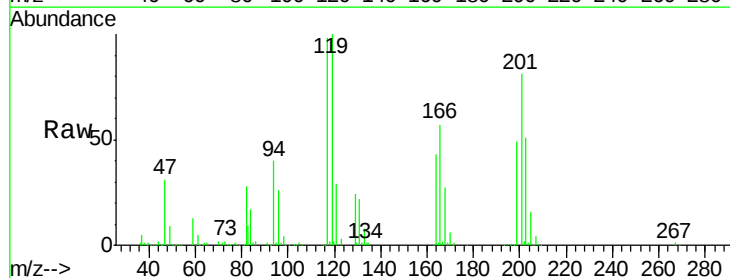
Instrument :
MSVOA_N
ClientSampled :

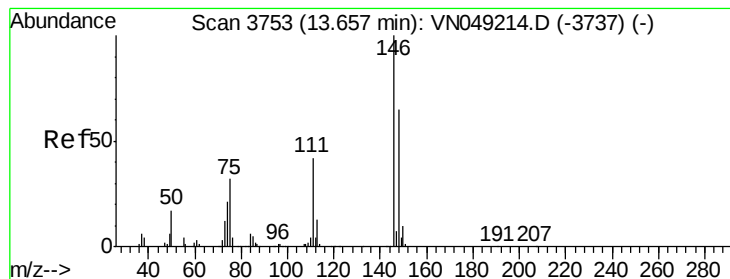
Tot Ion: 91 Resp: 648096
Ion Ratio Lower Upper
91 100
92 50.8 25.1 75.4
134 24.7 12.0 36.0



#90
Hexachloroethane
Concen: 18.84 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion: 117 Resp: 172146
Ion Ratio Lower Upper
117 100
201 82.8 40.1 120.2





#91

1,2-Dichlorobenzene

Concen: 19.61 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

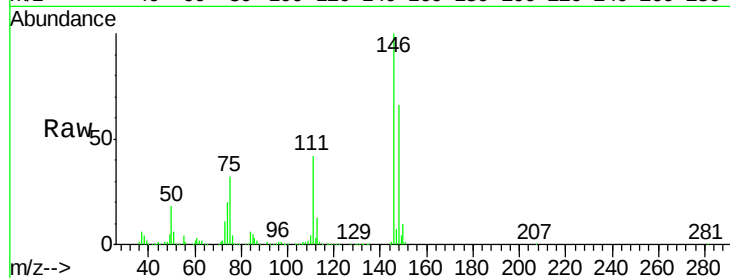
Tot Ion:146 Resp: 452575

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.2

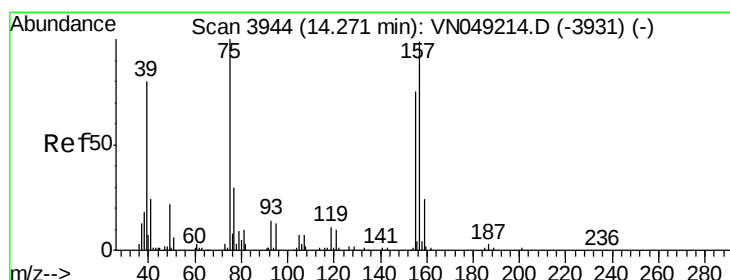
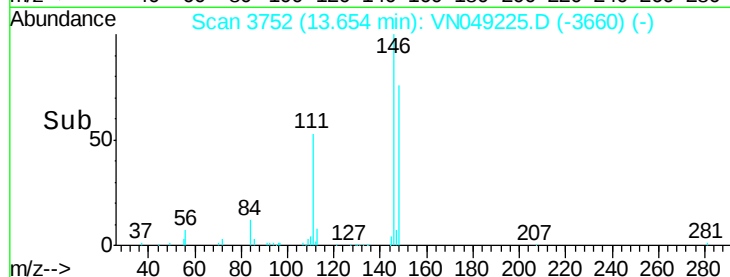
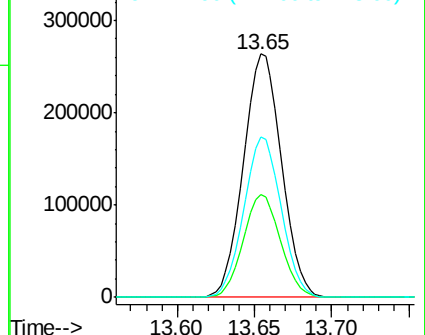
148 64.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.84 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049225.D

Acq: 14 Jun 2018 14:07

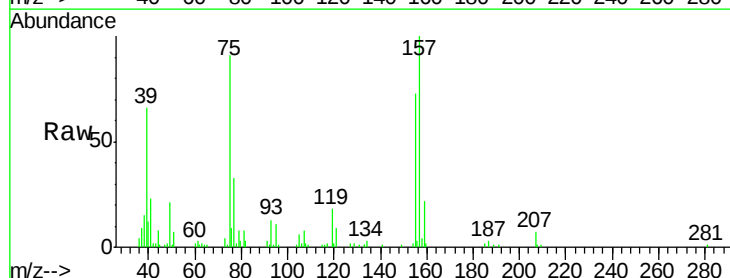
Tgt Ion: 75 Resp: 39306

Ion Ratio Lower Upper

75 100

155 82.5 38.8 116.3

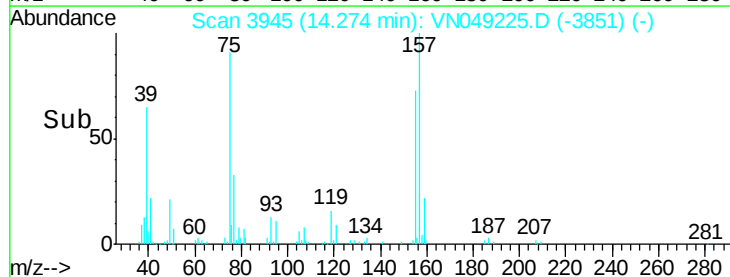
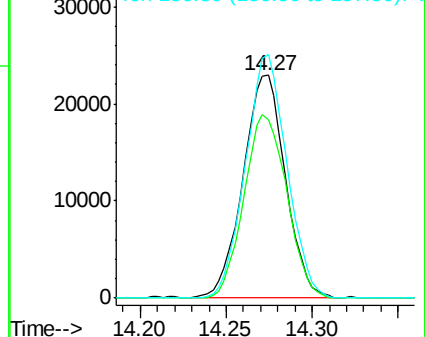
157 106.9 51.0 153.1

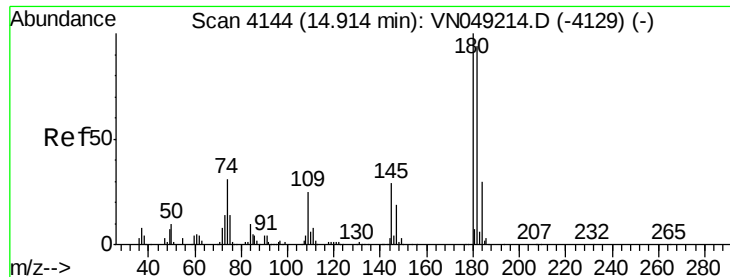


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

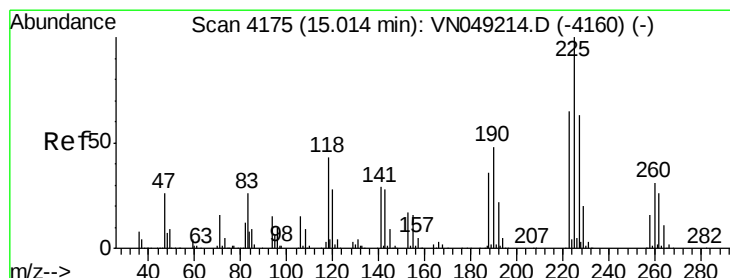
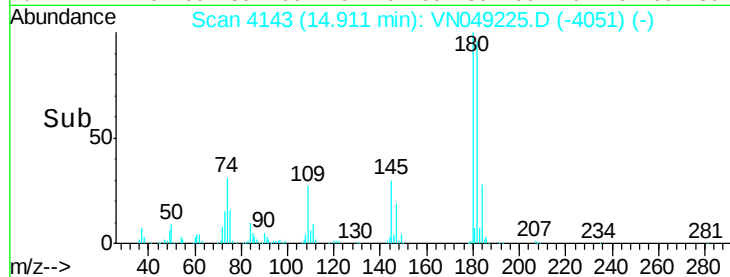
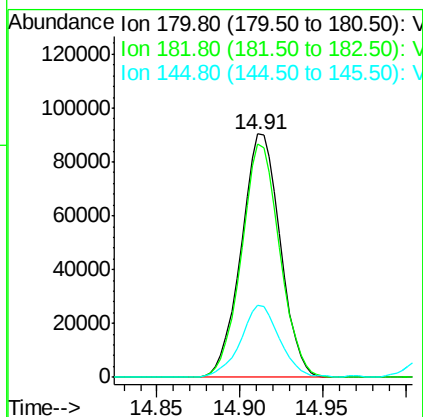
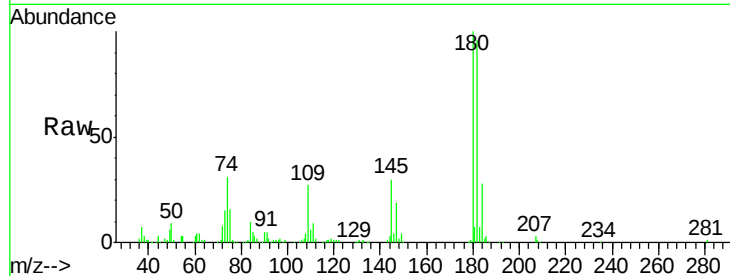




#93
 1,2,4-Trichlorobenzene
 Concen: 17.97 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

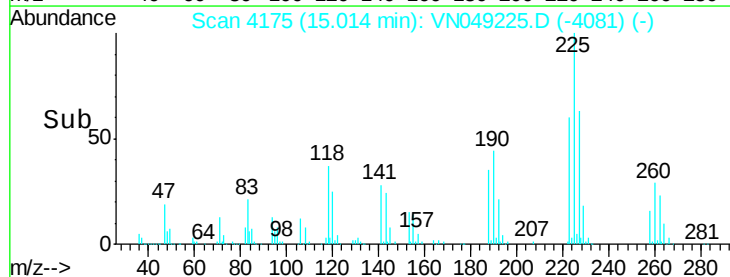
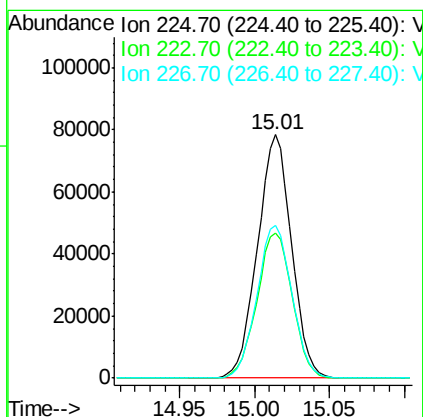
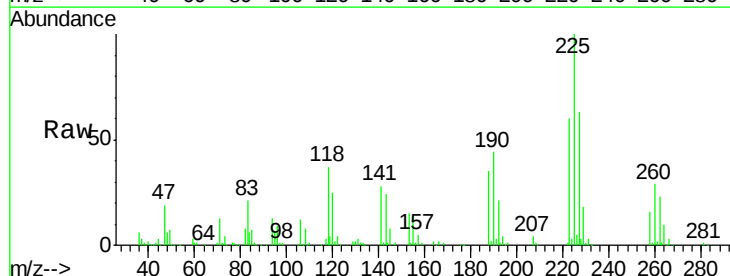
Instrument :
 MSVOA_N
 ClientSampleId :

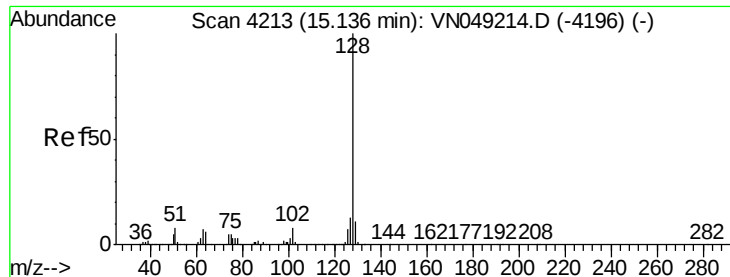
Tot Ion:180 Resp: 147639
 Ion Ratio Lower Upper
 180 100
 182 94.2 46.9 140.8
 145 29.0 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 17.77 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049225.D
 Acq: 14 Jun 2018 14:07

Tgt Ion:225 Resp: 124020
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.1 96.3
 227 64.1 31.8 95.3

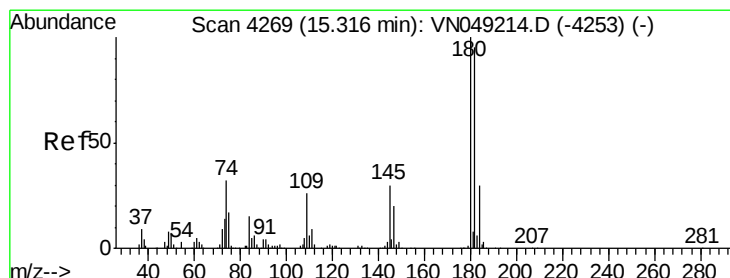
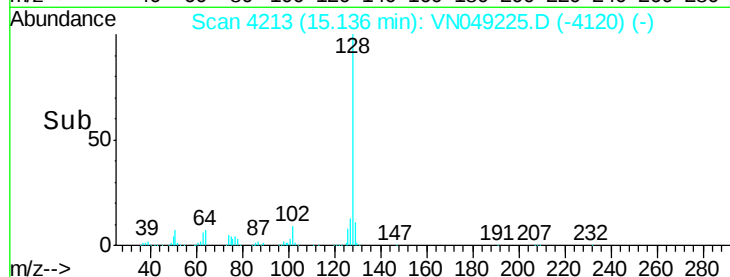
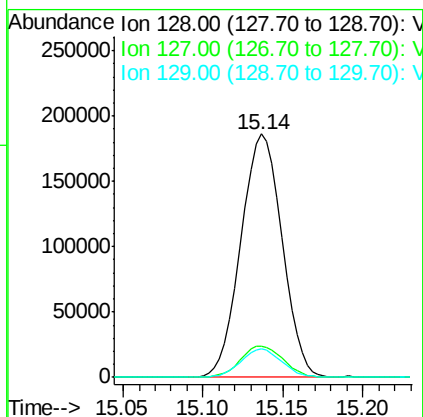
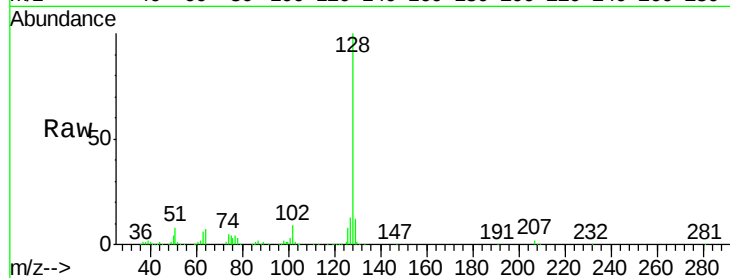




#95
Naphthalene
Concen: 18.94 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 328947
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.7 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 17.60 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049225.D
Acq: 14 Jun 2018 14:07

Tgt Ion:180 Resp: 160403
Ion Ratio Lower Upper
180 100
182 98.5 47.3 141.8
145 31.4 15.6 46.7

