

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN051018\
 Data File : VN048185.D
 Acq On : 10 May 2018 11:37
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :

Quant Time: May 11 07:13:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 06:35:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	245542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	353751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	333597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	201103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	174500	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	7.59	113	153362	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.09	98	566132	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.41	95	205400	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	191985	54.61	ug/l	99
3) Chloromethane	2.06	50	231237	50.58	ug/l	98
4) Vinyl Chloride	2.18	62	222925	51.68	ug/l	100
5) Bromomethane	2.56	94	124829	56.88	ug/l	94
6) Chloroethane	2.70	64	125706	52.12	ug/l	99
7) Trichlorofluoromethane	3.01	101	282584	52.96	ug/l	98
8) Diethyl Ether	3.41	74	107858	52.42	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	180400	54.20	ug/l	97
10) Methyl Iodide	3.94	142	272860	51.89	ug/l	100
11) Tert butyl alcohol	4.80	59	77304	213.21	ug/l #	90
12) 1,1-Dichloroethene	3.73	96	160984	50.83	ug/l	96
13) Acrolein	3.61	56	28860	171.39	ug/l	99
14) Allyl chloride	4.32	41	304851	54.24	ug/l	99
15) Acrylonitrile	4.99	53	365594	259.52	ug/l	100
16) Acetone	3.82	43	345121	254.52	ug/l	99
17) Carbon Disulfide	4.04	76	444928	50.09	ug/l	100
18) Methyl Acetate	4.33	43	198049	57.74	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	505196	51.63	ug/l	99
20) Methylene Chloride	4.54	84	191202	51.47	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	173543	52.42	ug/l	97
22) Diisopropyl ether	5.95	45	623027	55.99	ug/l	98
23) Vinyl Acetate	5.90	43	2204559	286.07	ug/l	100
24) 1,1-Dichloroethane	5.85	63	342666	53.37	ug/l	99
25) 2-Butanone	6.84	43	454938	244.06	ug/l	100
26) 2,2-Dichloropropane	6.82	77	286630	53.16	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	203688	52.62	ug/l	99
28) Bromochloromethane	7.19	49	146487	54.70	ug/l	96
29) Tetrahydrofuran	7.21	42	287278	246.69	ug/l	97
30) Chloroform	7.37	83	336750	54.53	ug/l	99
31) Cyclohexane	7.65	56	308780	52.71	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	289301	53.21	ug/l	99
36) 1,1-Dichloropropene	7.79	75	257166	54.66	ug/l	99
37) Ethyl Acetate	6.93	43	189189	51.13	ug/l	99
38) Carbon Tetrachloride	7.77	117	254393	54.34	ug/l	98

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN051018\
 Data File : VN048185.D
 Acq On : 10 May 2018 11:37
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :

Quant Time: May 11 07:13:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 06:35:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	302238	52.51	ug/l	99
40) Benzene	8.04	78	767206	54.58	ug/l	98
41) Methacrylonitrile	7.17	41	93630	48.43	ug/l #	88
42) 1,2-Dichloroethane	8.12	62	253043	54.44	ug/l	100
43) Isopropyl Acetate	8.17	43	350957	53.42	ug/l	98
44) Trichloroethene	8.83	130	198453	53.20	ug/l	99
45) 1,2-Dichloropropane	9.12	63	211396	57.28	ug/l	97
46) Dibromomethane	9.21	93	125123	55.93	ug/l	98
47) Bromodichloromethane	9.40	83	261519	57.30	ug/l	99
48) Methyl methacrylate	9.20	41	167532	51.30	ug/l	99
49) 1,4-Dioxane	9.20	88	41136	940.69	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	943842	256.48	ug/l	100
52) Toluene	10.16	92	472823	54.94	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	279584	58.90	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	312984	58.12	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	180137	55.26	ug/l	98
56) Ethyl methacrylate	10.43	69	246522	52.83	ug/l	99
57) 1,3-Dichloropropane	10.71	76	305061	55.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	288522	256.88	ug/l	99
59) 2-Hexanone	10.76	43	653740	244.09	ug/l	99
60) Dibromochloromethane	10.90	129	196794	56.42	ug/l	99
61) 1,2-Dibromoethane	11.01	107	180144	55.44	ug/l	99
64) Tetrachloroethene	10.63	164	174123	47.92	ug/l	99
65) Chlorobenzene	11.44	112	521435	52.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	194348	54.05	ug/l	100
67) Ethyl Benzene	11.52	91	911886	53.55	ug/l	99
68) m/p-Xylenes	11.63	106	694760	108.32	ug/l	100
69) o-Xylene	11.95	106	337079	53.12	ug/l	100
70) Styrene	11.97	104	548517	55.33	ug/l	99
71) Bromoform	12.13	173	137053	53.33	ug/l #	98
73) Isopropylbenzene	12.25	105	909793	49.59	ug/l	99
74) N-amyl acetate	12.07	43	293733	50.37	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	242008	49.44	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	293496	89.56	ug/l #	100
77) Bromobenzene	12.53	156	226538	53.53	ug/l	98
78) n-propylbenzene	12.60	91	1067788	51.85	ug/l	99
79) 2-Chlorotoluene	12.68	91	622870	50.06	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	762745	50.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.31	75	63194	48.11	ug/l	98
82) 4-Chlorotoluene	12.78	91	637331	51.53	ug/l	99
83) tert-Butylbenzene	13.00	119	658606	48.75	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	783896	51.11	ug/l	100
85) sec-Butylbenzene	13.18	105	916358	50.75	ug/l	100
86) p-Isopropyltoluene	13.29	119	801417	51.15	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	411632	51.19	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	398988	50.60	ug/l	100
89) n-Butylbenzene	13.62	91	689250	53.17	ug/l	99
90) Hexachloroethane	13.88	117	147409	53.33	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	401571	50.59	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	36947	47.06	ug/l	95

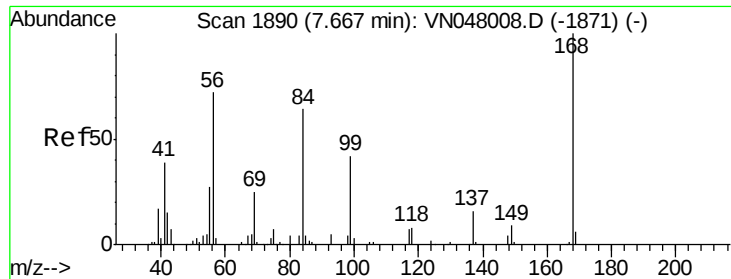
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN051018\
Data File : VN048185.D
Acq On : 10 May 2018 11:37
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :

Quant Time: May 11 07:13:54 2018
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 06:35:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	201085	47.66	ug/l	100
94) Hexachlorobutadiene	15.02	225	128498	50.81	ug/l	100
95) Naphthalene	15.14	128	416154	40.41	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	196004	48.07	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

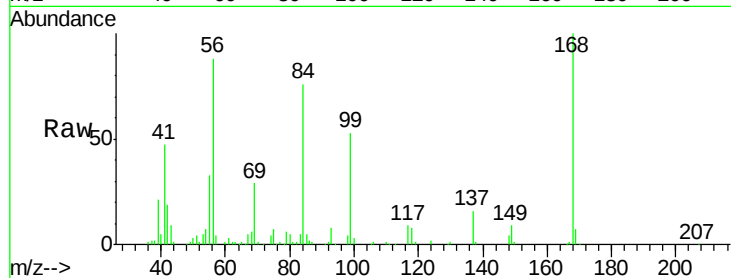
ClientSampleId :

Tot Ion:168 Resp: 245542

Ion Ratio Lower Upper

168 100

99 52.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

100000

80000

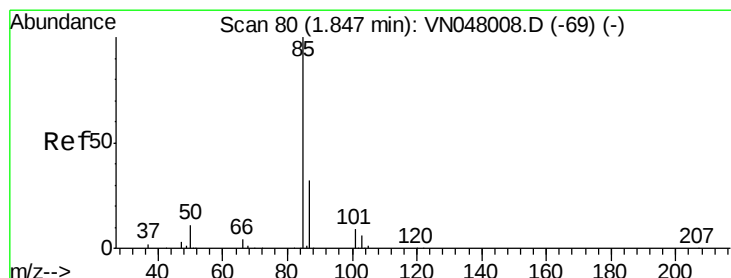
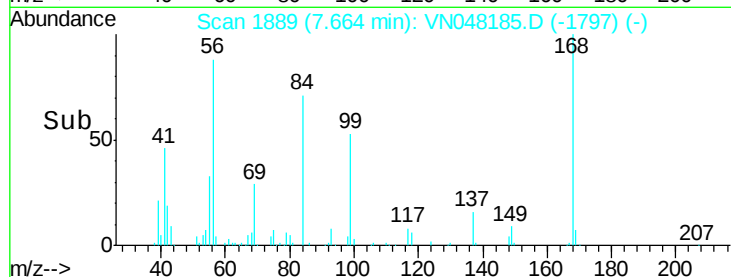
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.61 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN048185.D

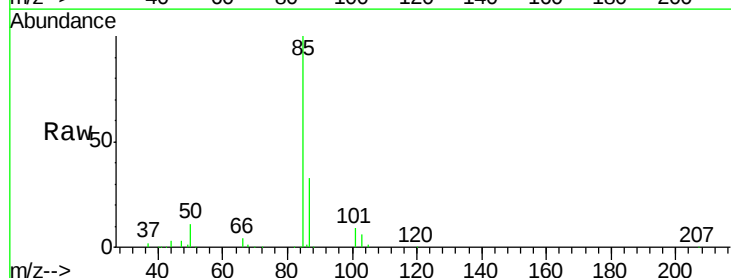
Acq: 10 May 2018 11:37

Tgt Ion: 85 Resp: 191985

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

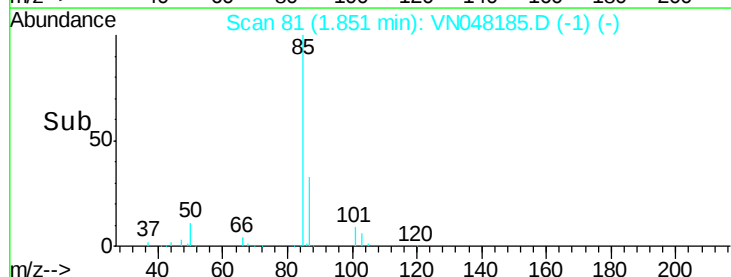
60000

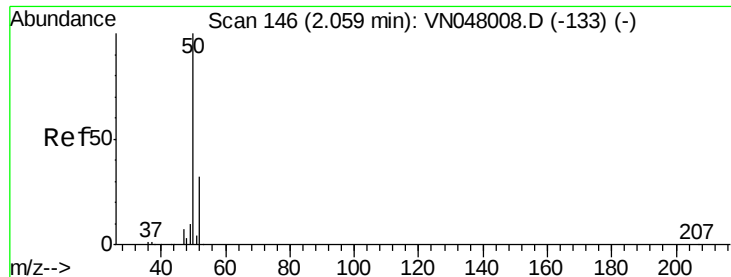
40000

20000

0

Time-->





#3

Chloromethane

Concen: 50.58 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

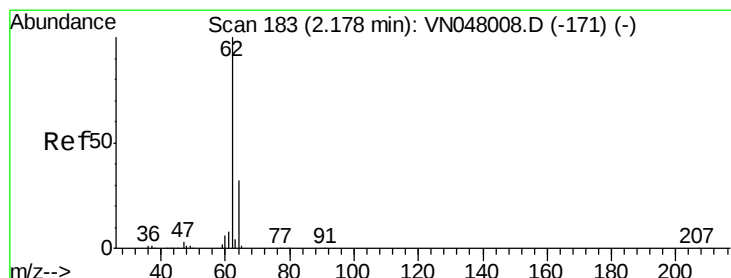
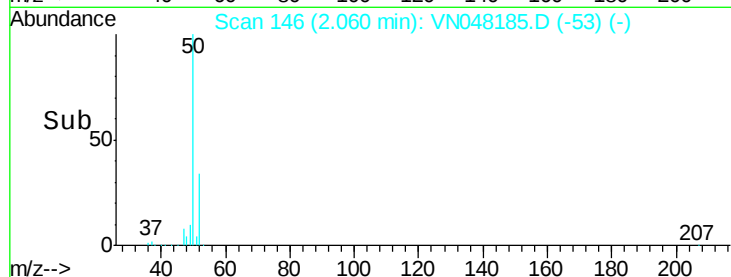
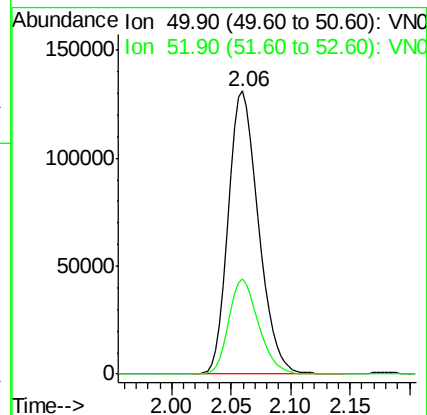
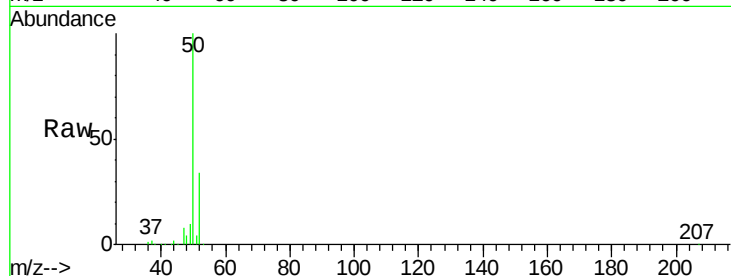
ClientSampled :

Tot Ion: 50 Resp: 231237

Ion Ratio Lower Upper

50 100

52 33.6 26.0 39.0



#4

Vinyl Chloride

Concen: 51.68 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN048185.D

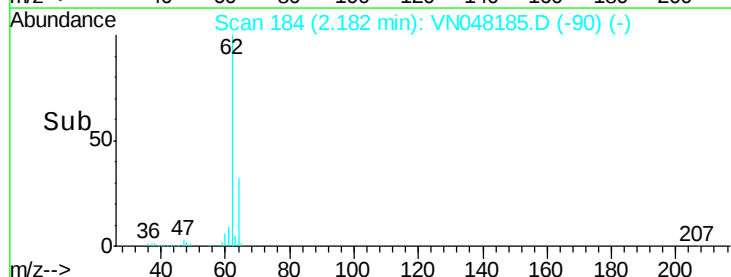
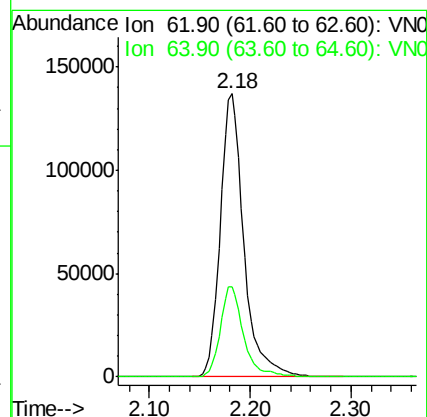
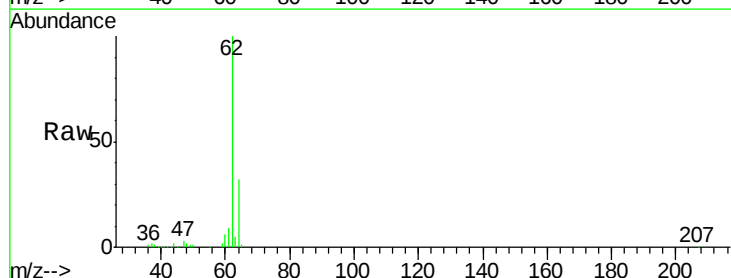
Acq: 10 May 2018 11:37

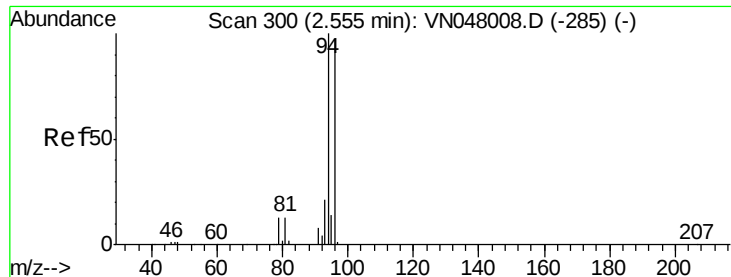
Tgt Ion: 62 Resp: 222925

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 56.88 ug/l

RT: 2.56 min Scan# 301

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

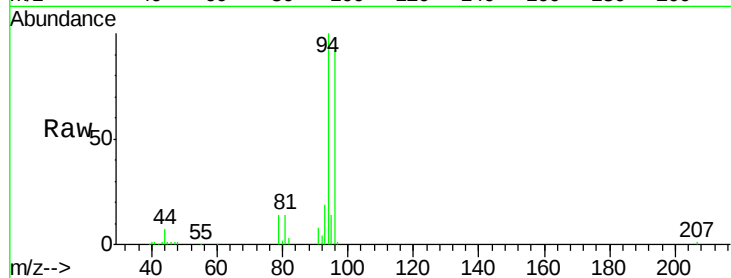
ClientSampled :

Tot Ion: 94 Resp: 124829

Ion Ratio Lower Upper

94 100

96 91.5 78.0 117.0

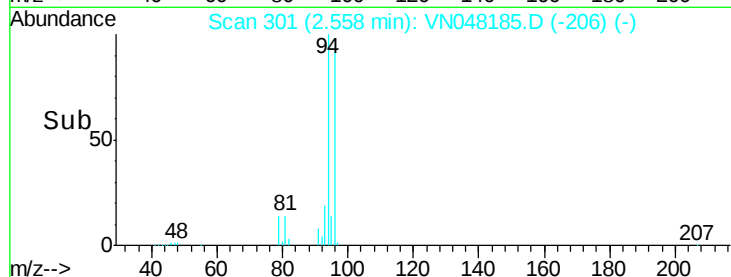


Abundance Ion 93.90 (93.60 to 94.60): VN048185.D (-206) (-)

Ion 95.90 (95.60 to 96.60): VN048185.D (-206) (-)

2.56

Time-->



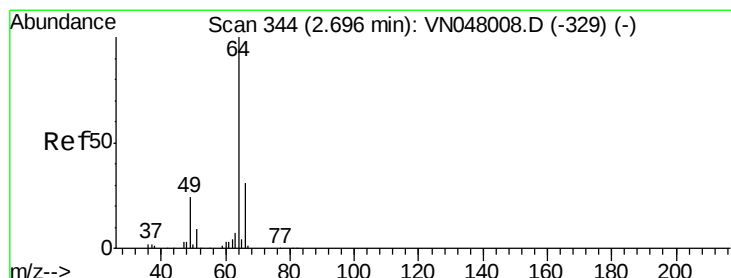
Abundance

Ion 93.90 (93.60 to 94.60): VN048185.D (-206) (-)

Ion 95.90 (95.60 to 96.60): VN048185.D (-206) (-)

2.56

Time-->



#6

Chloroethane

Concen: 52.12 ug/l

RT: 2.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VN048185.D

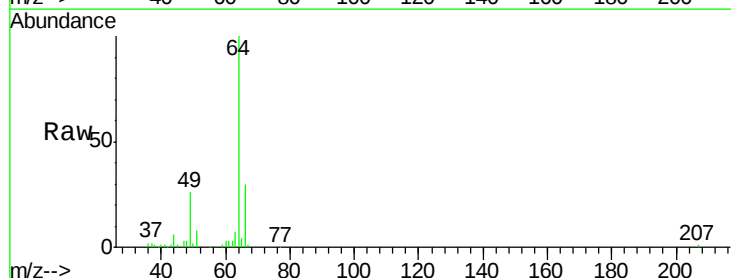
Acq: 10 May 2018 11:37

Tgt Ion: 64 Resp: 125706

Ion Ratio Lower Upper

64 100

66 30.4 24.8 37.2

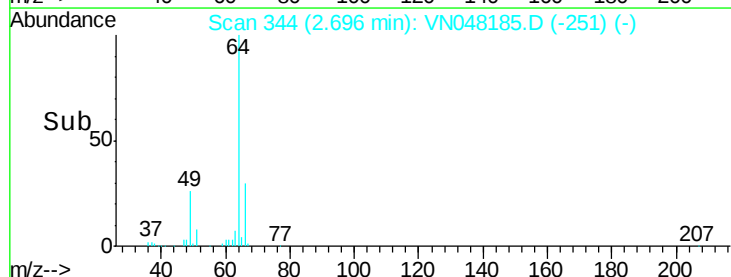


Abundance Ion 63.90 (63.60 to 64.60): VN048185.D (-251) (-)

Ion 65.90 (65.60 to 66.60): VN048185.D (-251) (-)

2.70

Time-->



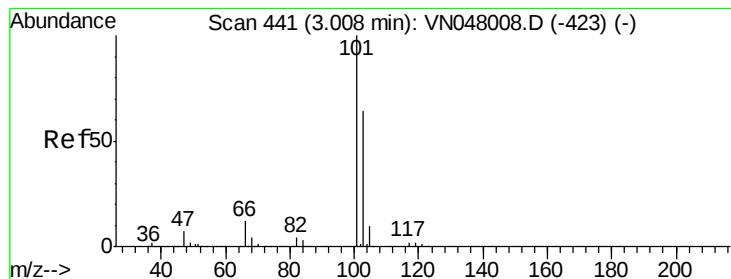
Abundance

Ion 63.90 (63.60 to 64.60): VN048185.D (-251) (-)

Ion 65.90 (65.60 to 66.60): VN048185.D (-251) (-)

2.70

Time-->

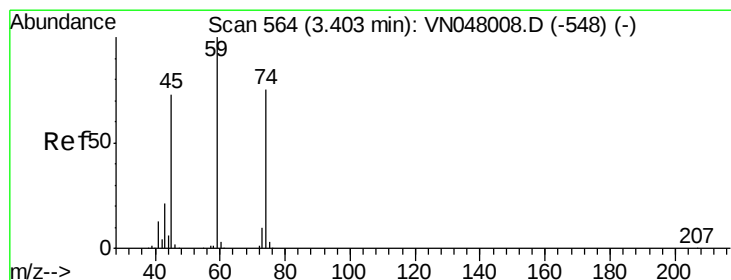
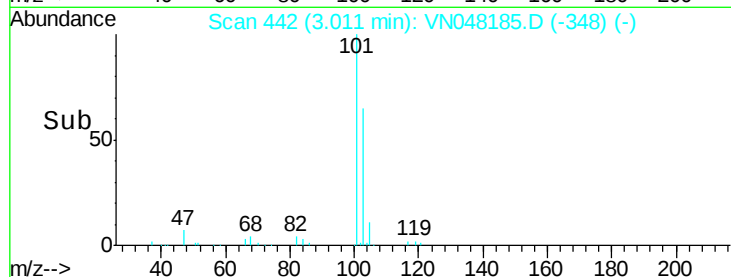
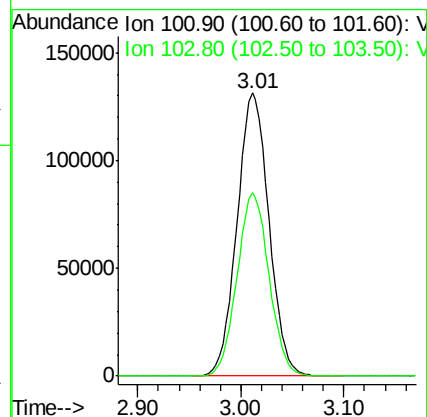
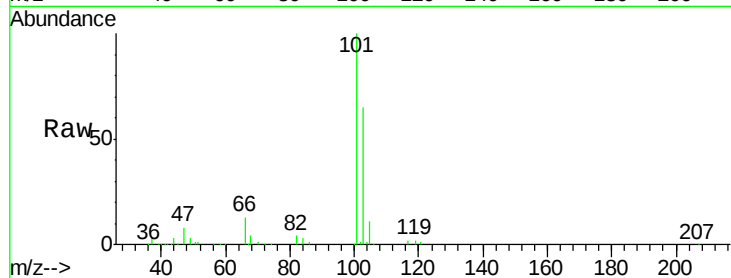


#7

Trichlorofluoromethane
Concen: 52.96 ug/l
RT: 3.01 min Scan# 442
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Instrument :
MSVOA_T
ClientSampleId :

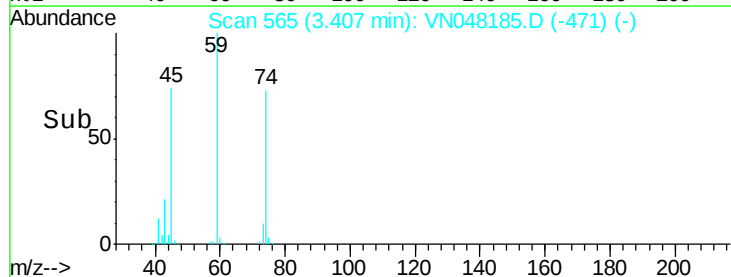
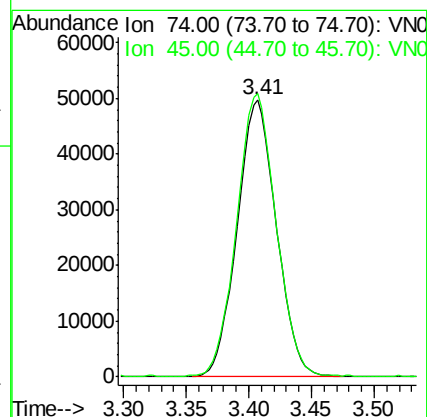
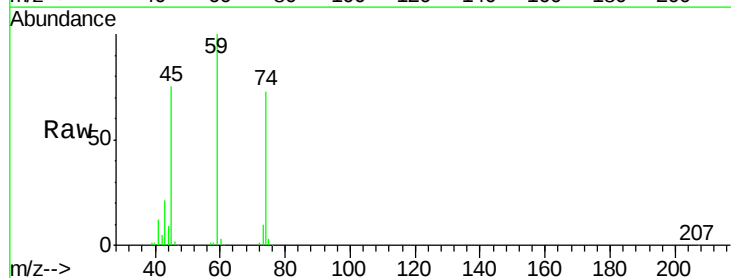
Tot Ion:101 Resp: 282584
Ion Ratio Lower Upper
101 100
103 64.7 50.8 76.2

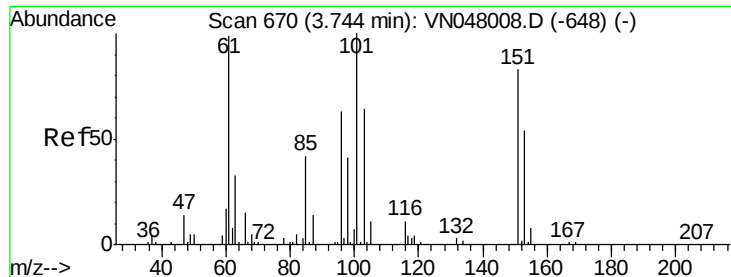


#8

Diethyl Ether
Concen: 52.42 ug/l
RT: 3.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 74 Resp: 107858
Ion Ratio Lower Upper
74 100
45 103.6 50.0 150.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.20 ug/l

RT: 3.75 min Scan# 672

Delta R.T. 0.01 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampleId :

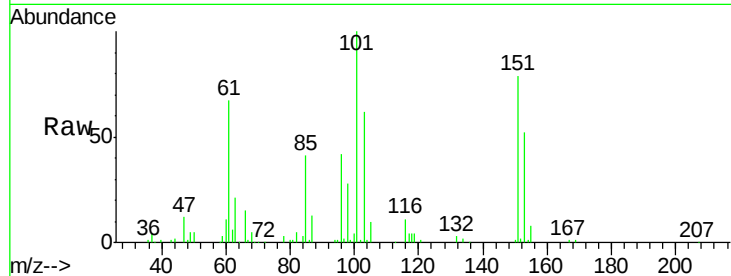
Tot Ion:101 Resp: 180400

Ion Ratio Lower Upper

101 100

85 42.5 33.3 49.9

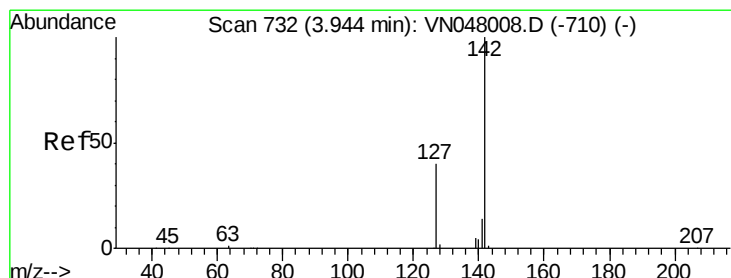
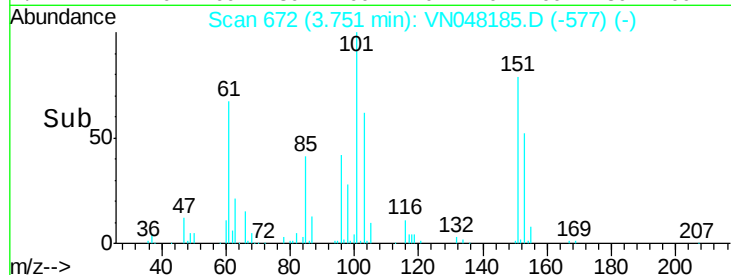
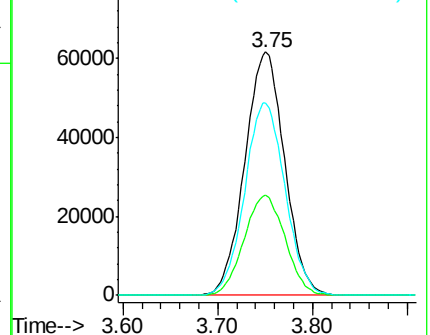
151 80.3 66.5 99.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.89 ug/l

RT: 3.94 min Scan# 732

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

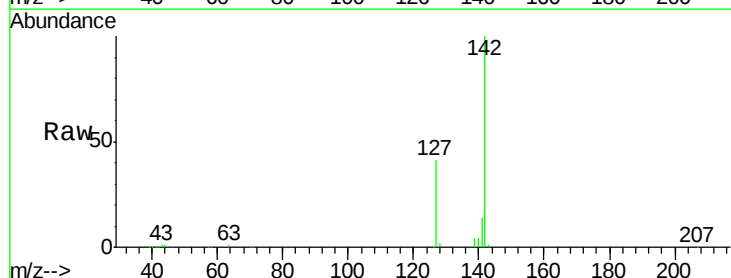
Tgt Ion:142 Resp: 272860

Ion Ratio Lower Upper

142 100

127 40.7 32.5 48.7

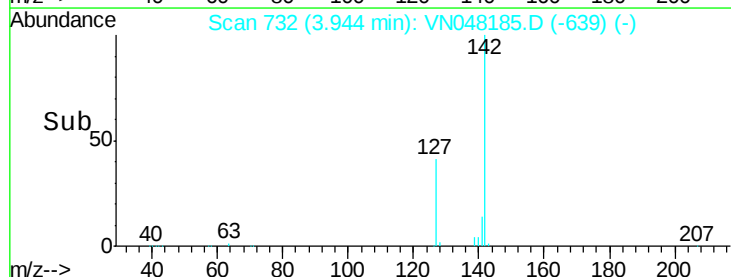
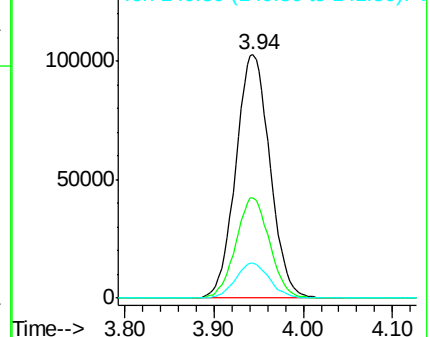
141 14.2 11.3 16.9

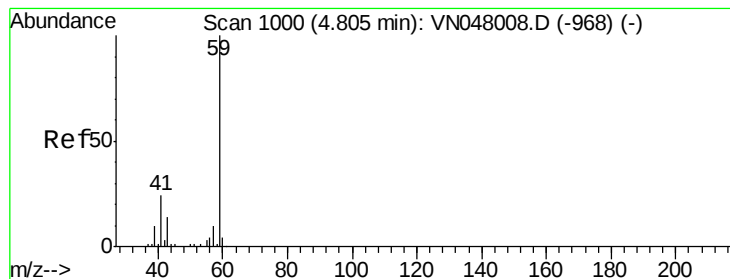


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



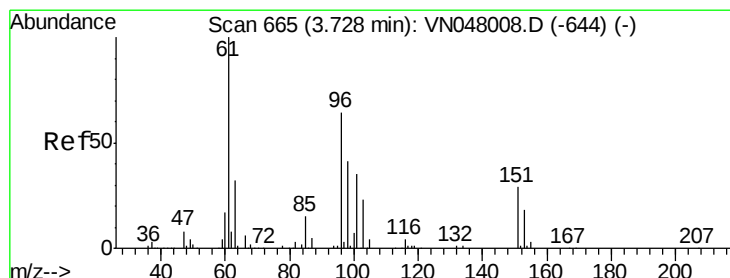
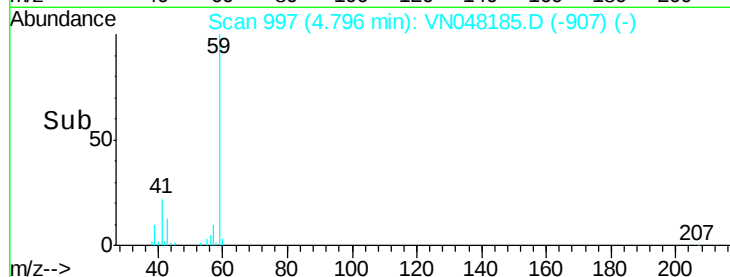
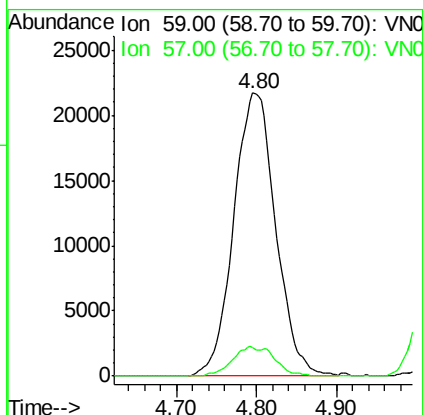
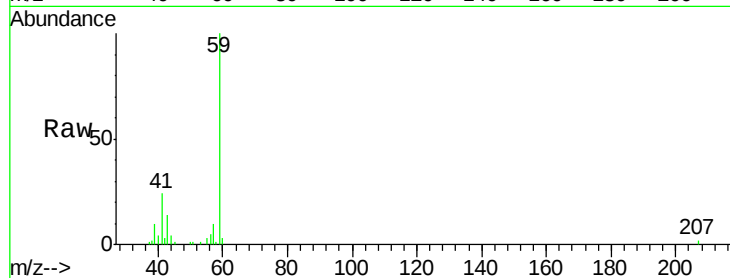


#11

Tert butyl alcohol
 Concen: 213.21 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Instrument :
 MSVOA_T
 ClientSampleId :

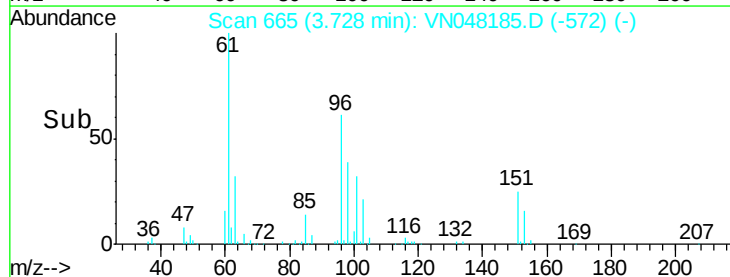
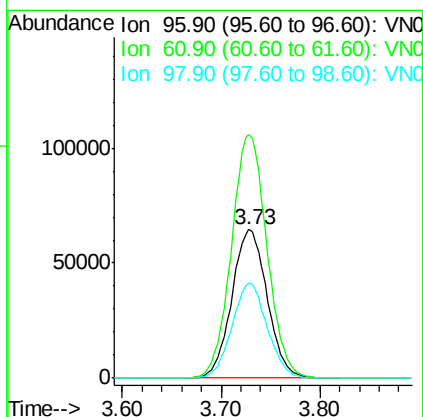
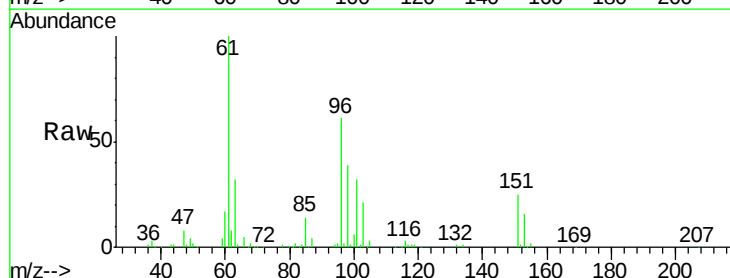
Tot Ion: 59 Resp: 77304
 Ion Ratio Lower Upper
 59 100
 57 6.3 8.1 12.1#

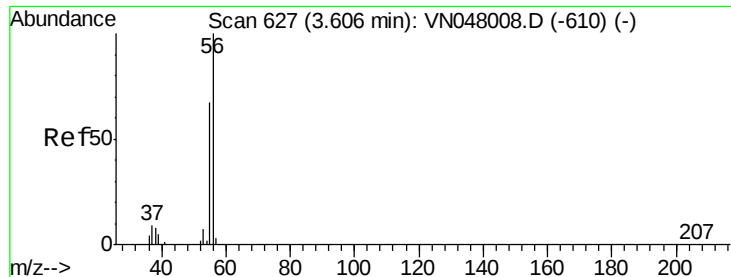


#12

1,1-Dichloroethene
 Concen: 50.83 ug/l
 RT: 3.73 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion: 96 Resp: 160984
 Ion Ratio Lower Upper
 96 100
 61 164.2 125.6 188.4
 98 64.3 51.0 76.4





#13

Acrolein

Concen: 171.39 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

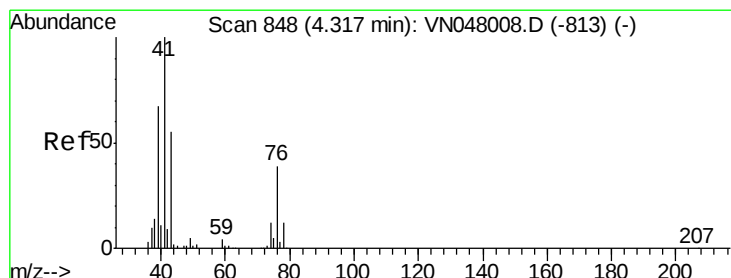
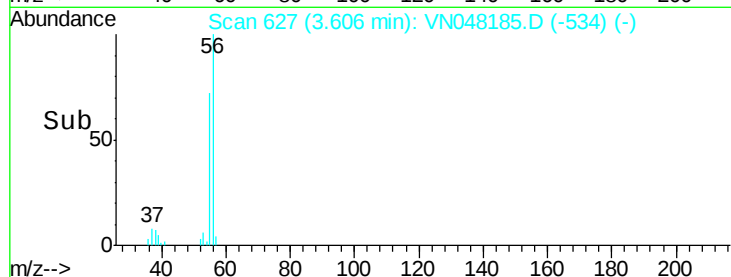
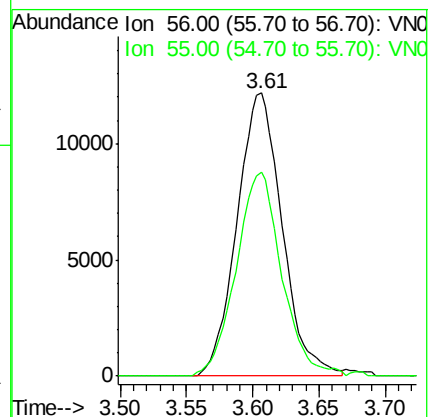
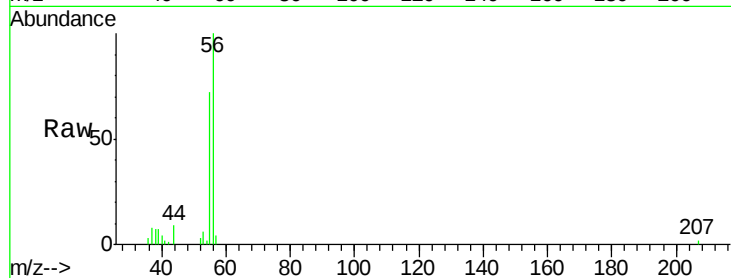
ClientSampled :

Tot Ion: 56 Resp: 28860

Ion Ratio Lower Upper

56 100

55 72.6 57.1 85.7



#14

Allyl chloride

Concen: 54.24 ug/l

RT: 4.32 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

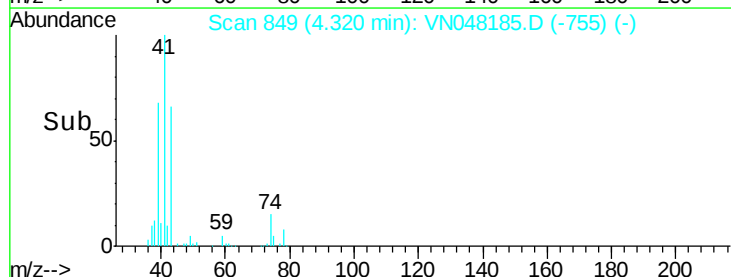
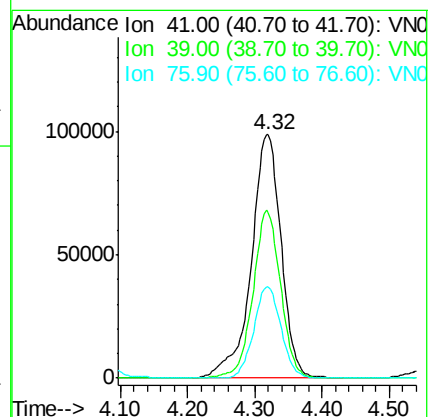
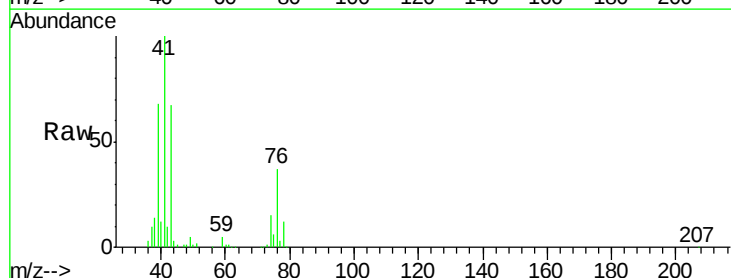
Tgt Ion: 41 Resp: 304851

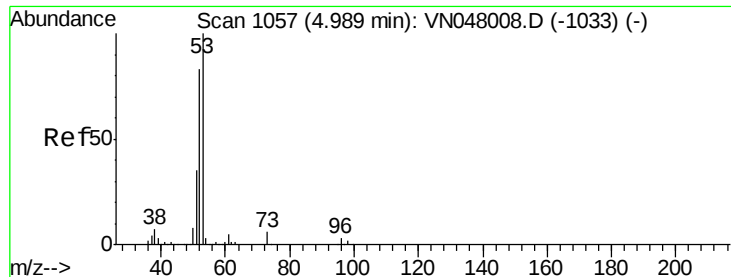
Ion Ratio Lower Upper

41 100

39 63.5 51.1 76.7

76 34.2 28.2 42.2





#15

Acrylonitrile

Concen: 259.52 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampled :

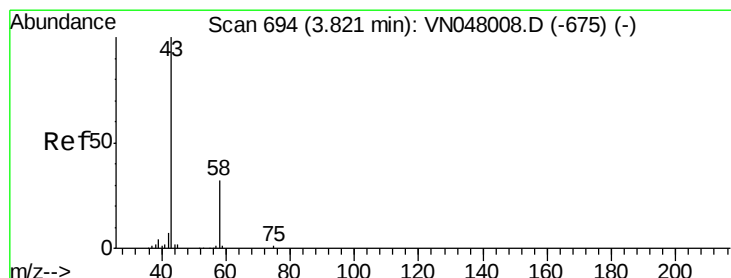
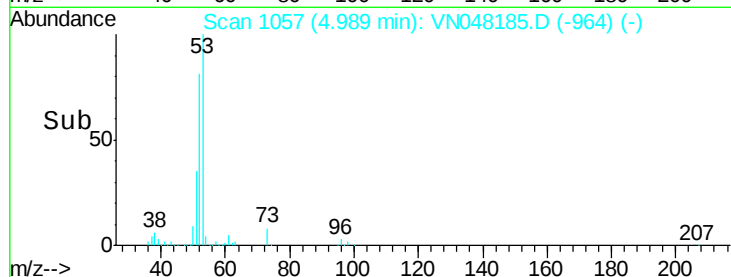
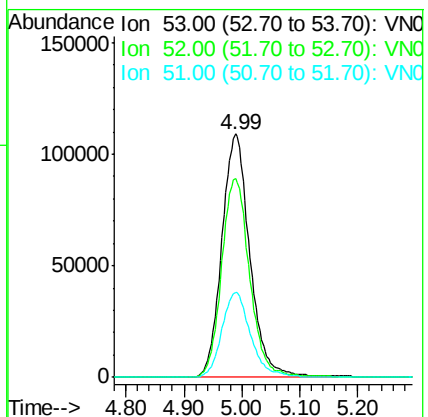
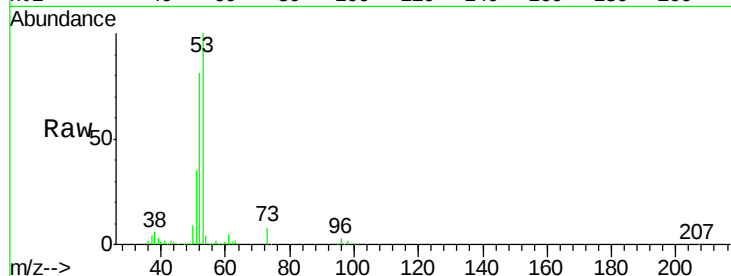
Tot Ion: 53 Resp: 365594

Ion Ratio Lower Upper

53 100

52 81.4 65.5 98.3

51 35.9 28.8 43.2



#16

Acetone

Concen: 254.52 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN048185.D

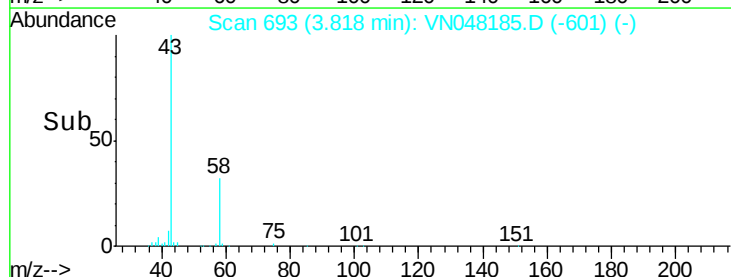
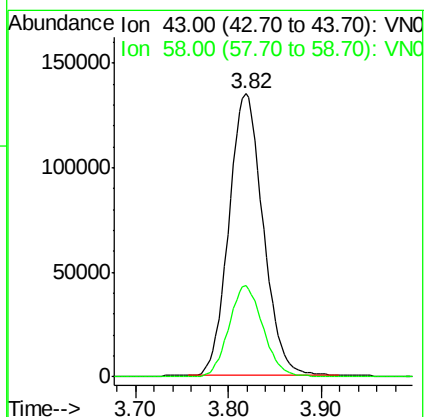
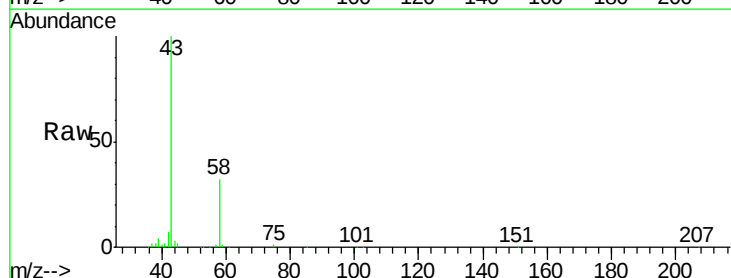
Acq: 10 May 2018 11:37

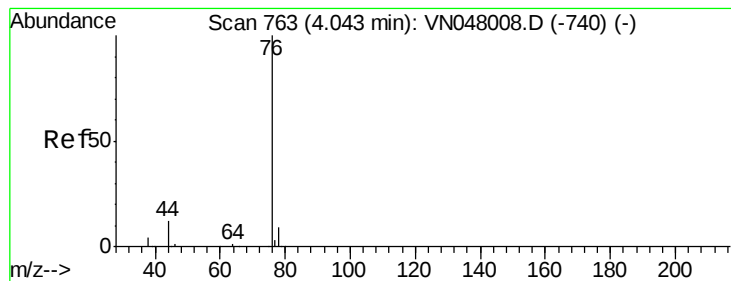
Tgt Ion: 43 Resp: 345121

Ion Ratio Lower Upper

43 100

58 32.1 25.4 38.0





#17

Carbon Disulfide

Concen: 50.09 ug/l

RT: 4.04 min Scan# 763

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

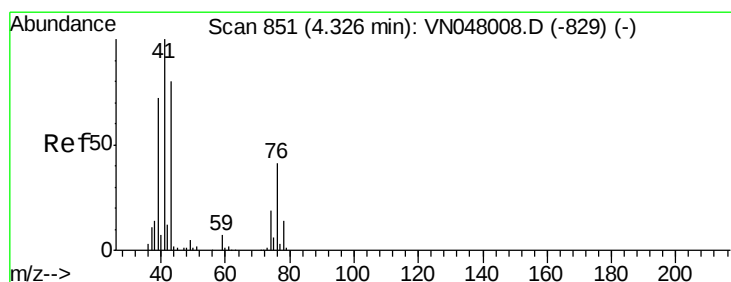
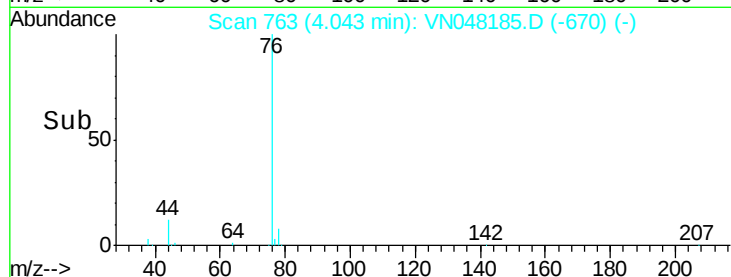
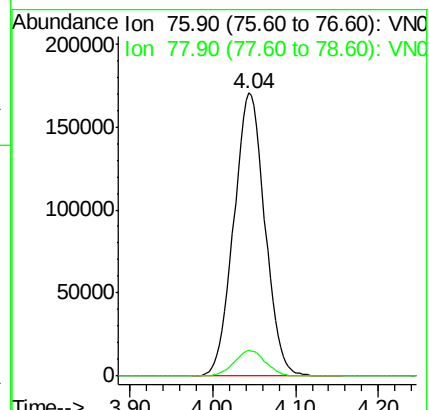
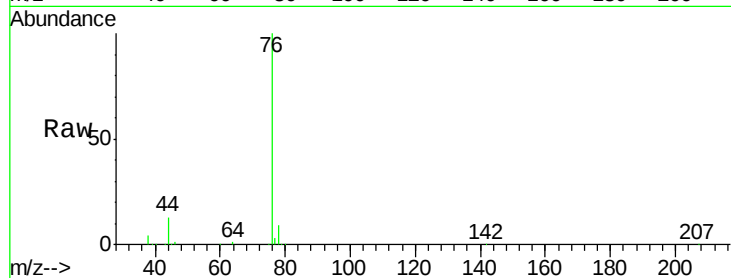
ClientSampleId :

Tot Ion: 76 Resp: 444928

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 57.74 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN048185.D

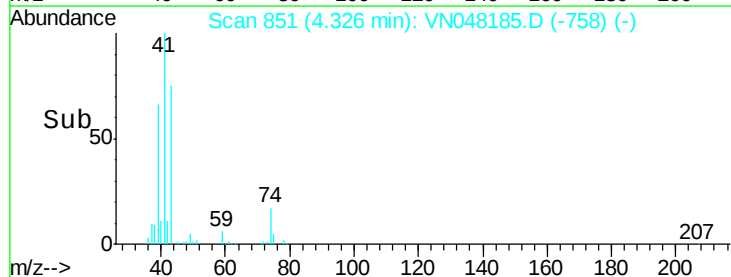
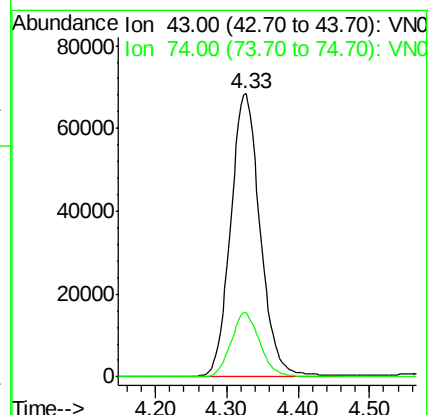
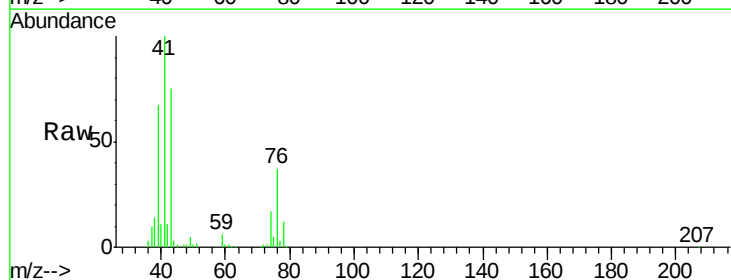
Acq: 10 May 2018 11:37

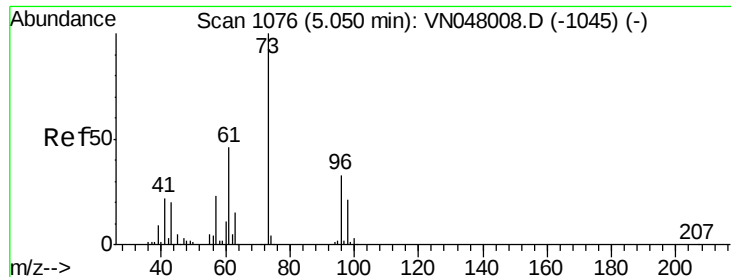
Tgt Ion: 43 Resp: 198049

Ion Ratio Lower Upper

43 100

74 22.0 18.4 27.6

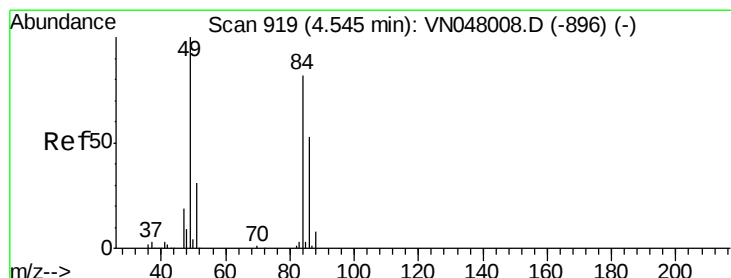
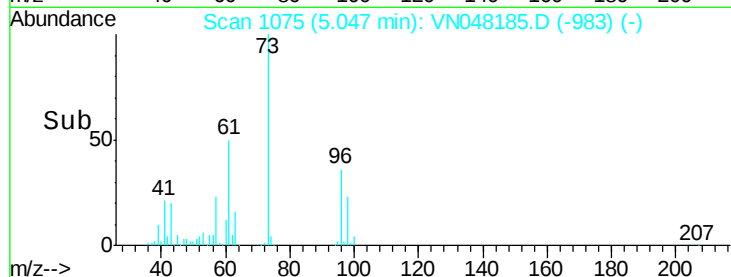
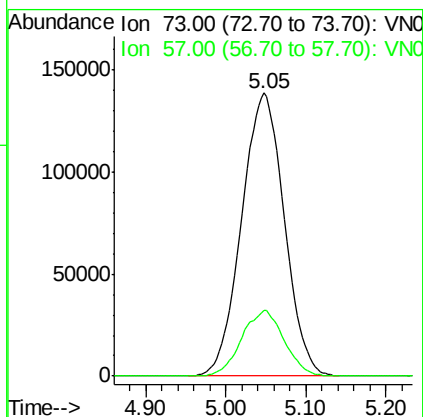
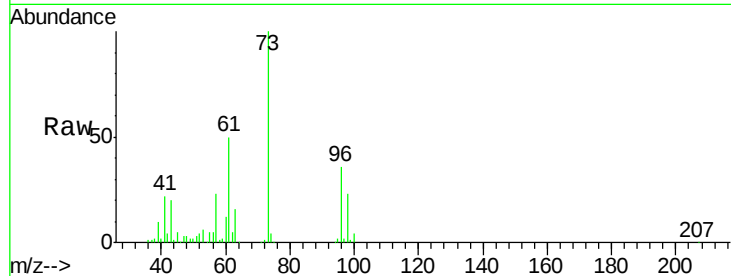




#19
Methyl tert-butyl Ether
Concen: 51.63 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

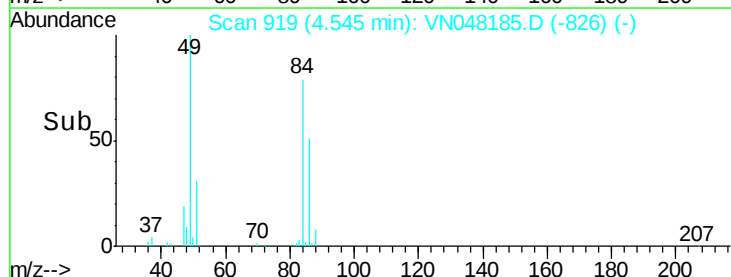
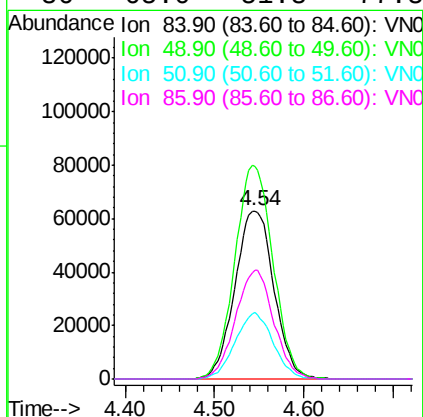
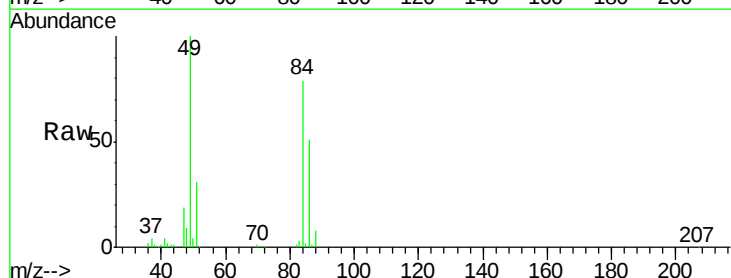
Instrument :
MSVOA_T
ClientSampleId :

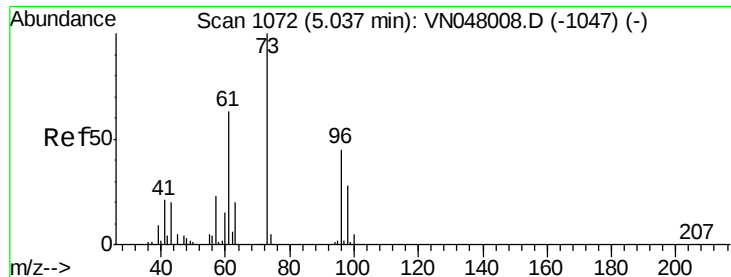
Tot Ion: 73 Resp: 505196
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0



#20
Methylene Chloride
Concen: 51.47 ug/l
RT: 4.54 min Scan# 919
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 84 Resp: 191202
Ion Ratio Lower Upper
84 100
49 126.7 97.7 146.5
51 39.3 30.4 45.6
86 65.0 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 52.42 ug/l

RT: 5.03 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :
MSVOA_T
ClientSampleId :

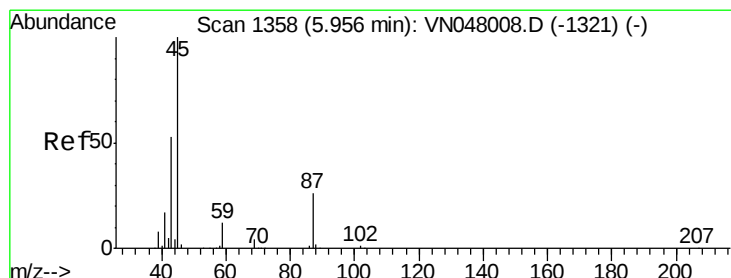
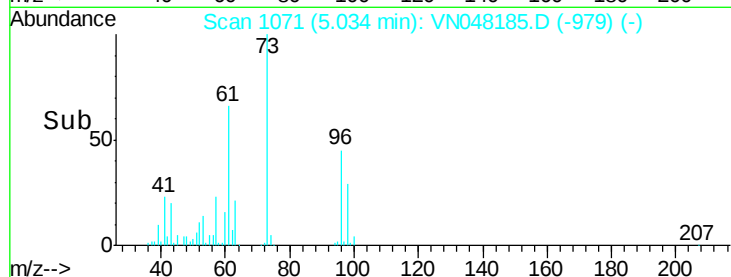
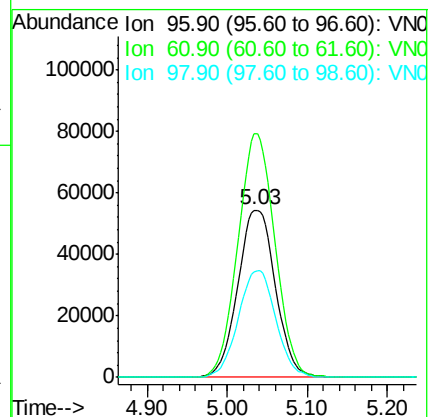
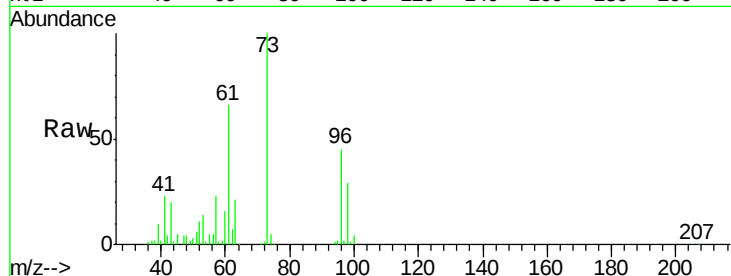
Tot Ion: 96 Resp: 173543

Ion Ratio Lower Upper

96 100

61 145.7 112.2 168.2

98 63.2 50.5 75.7



#22

Diisopropyl ether

Concen: 55.99 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Tgt Ion: 45 Resp: 623027

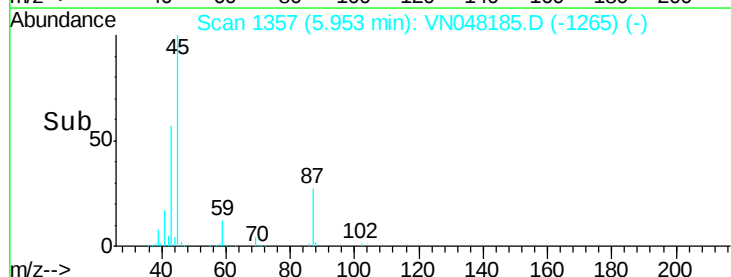
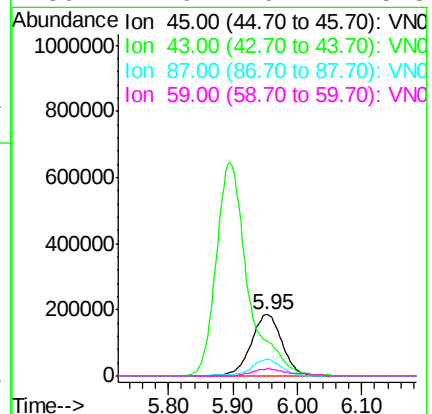
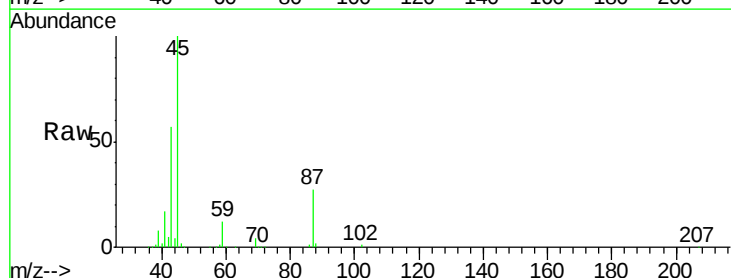
Ion Ratio Lower Upper

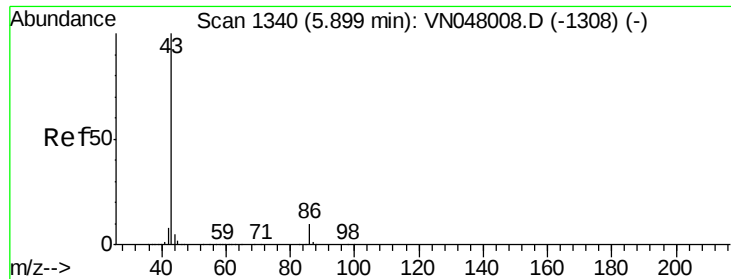
45 100

43 56.3 43.8 65.8

87 26.6 21.8 32.6

59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 286.07 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

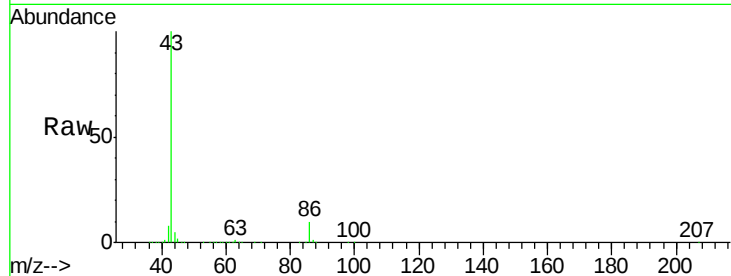
Instrument :
MSVOA_T
ClientSampleId :

Tot Ion: 43 Resp: 2204559

Ion Ratio Lower Upper

43 100

86 10.1 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VN048008.D (-1308) (-)

Ion 86.00 (85.70 to 86.70): VN048008.D (-1308) (-)

5.90

600000

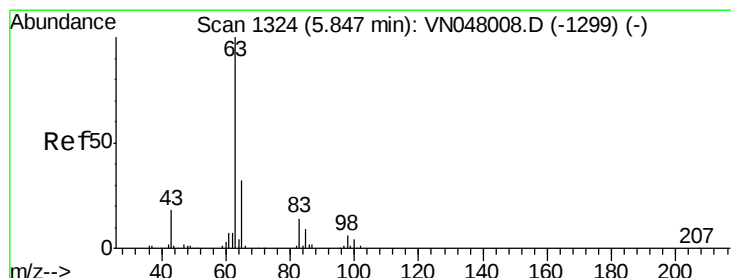
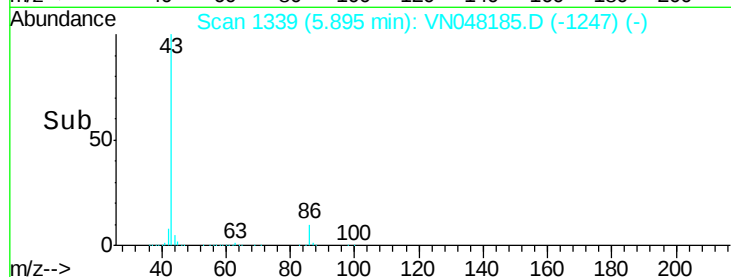
400000

200000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 53.37 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

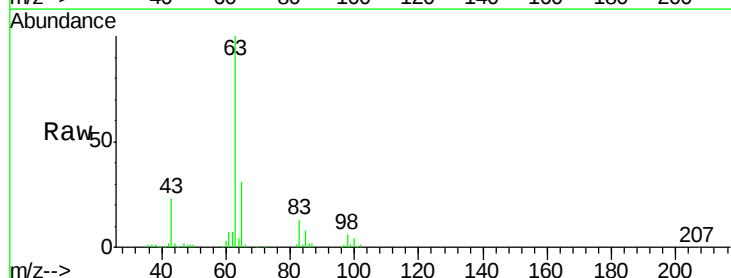
Tgt Ion: 63 Resp: 342666

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 3.9 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN048008.D (-1299) (-)

Ion 97.90 (97.60 to 98.60): VN048008.D (-1299) (-)

Ion 99.90 (99.60 to 100.60): VN048008.D (-1299) (-)

150000

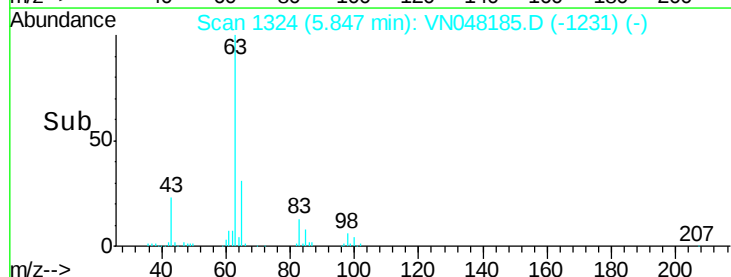
100000

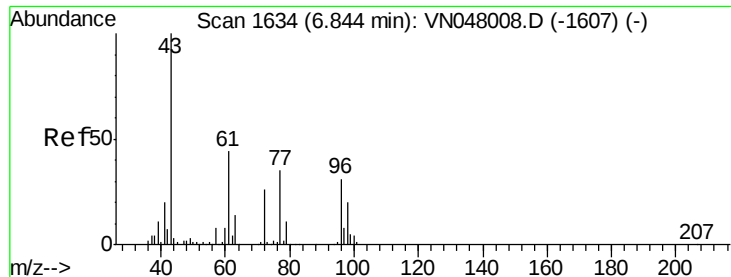
50000

0

Time-->

5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 244.06 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.01 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

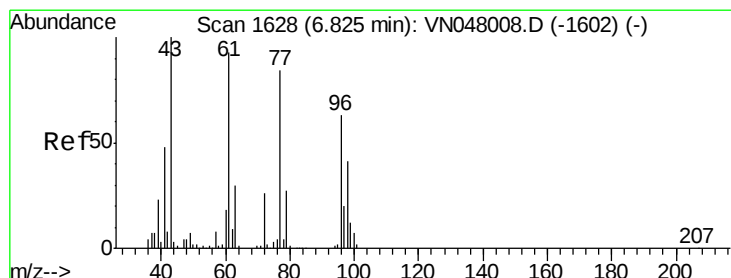
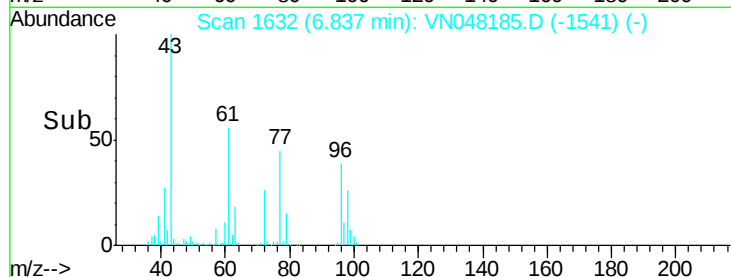
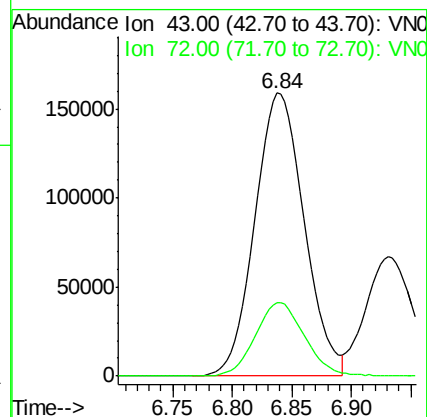
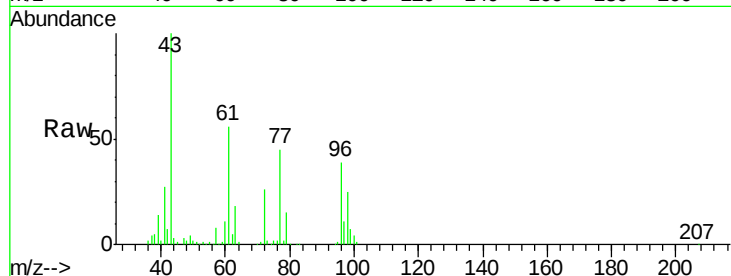
ClientSampled :

Tot Ion: 43 Resp: 454938

Ion Ratio Lower Upper

43 100

72 25.9 20.8 31.2



#26

2,2-Dichloropropane

Concen: 53.16 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN048185.D

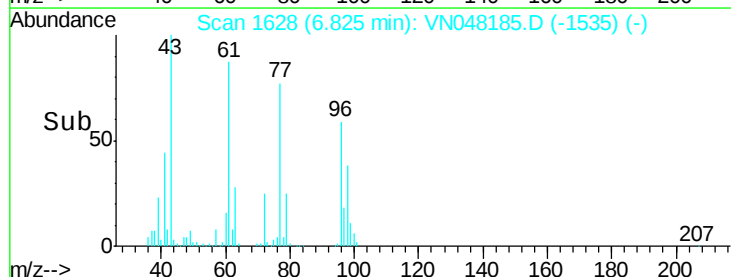
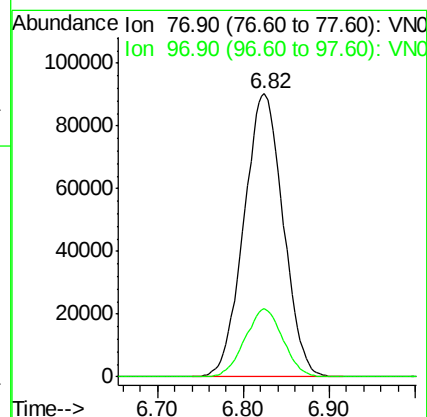
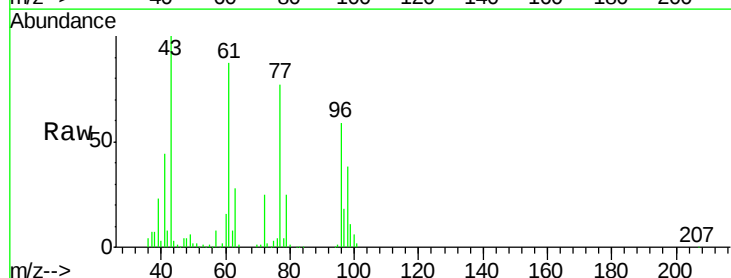
Acq: 10 May 2018 11:37

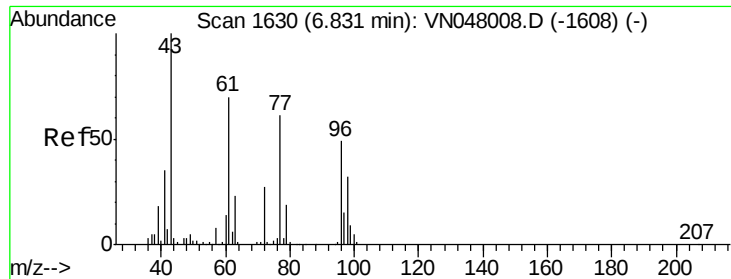
Tgt Ion: 77 Resp: 286630

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 52.62 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampleId :

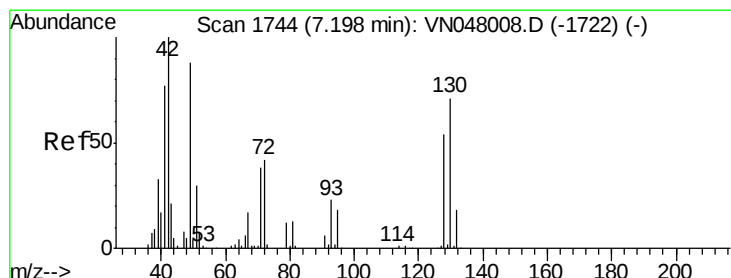
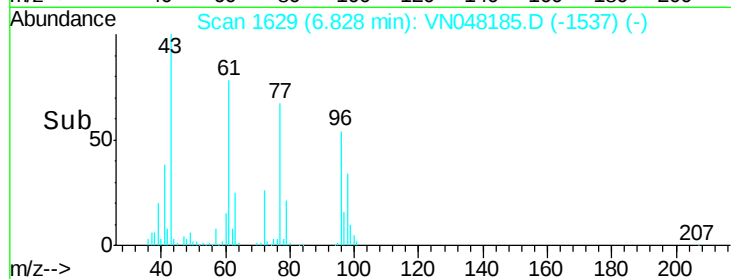
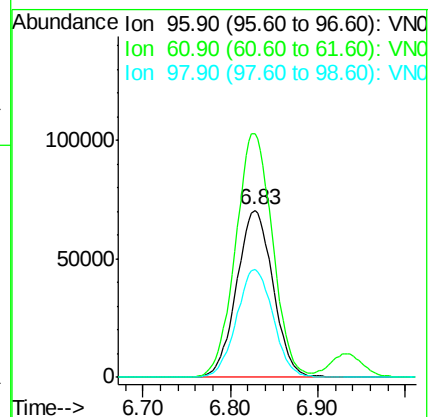
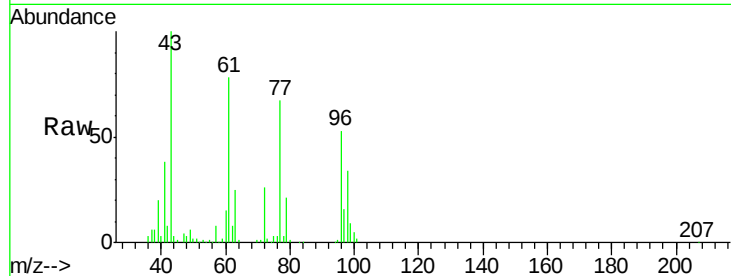
Tot Ion: 96 Resp: 203688

Ion Ratio Lower Upper

96 100

61 148.2 0.0 292.6

98 64.9 0.0 128.2



#28

Bromochloromethane

Concen: 54.70 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

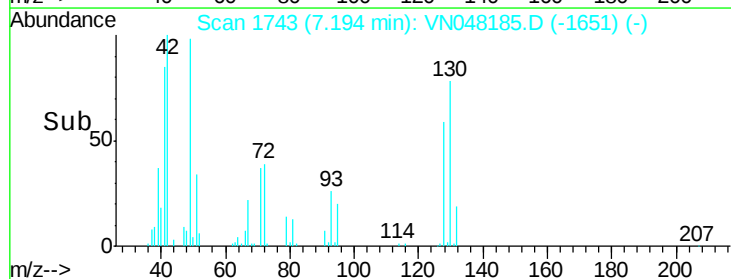
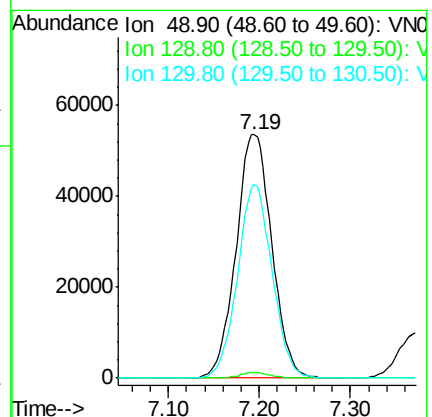
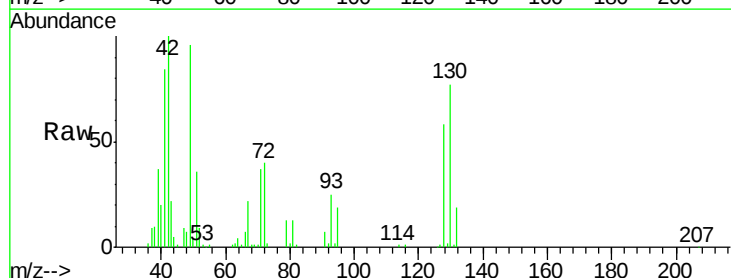
Tgt Ion: 49 Resp: 146487

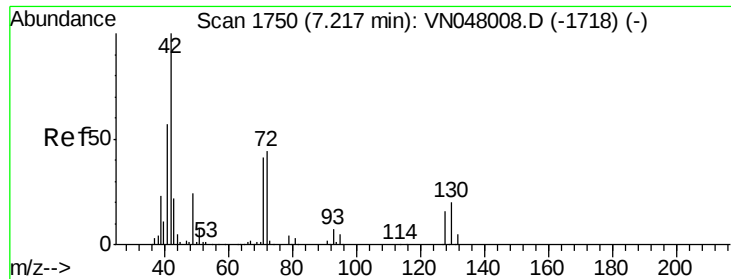
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 76.6 64.2 96.2

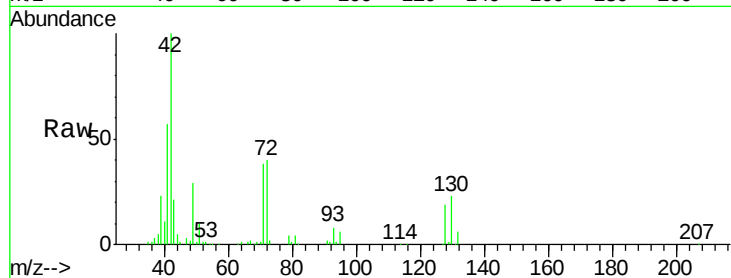




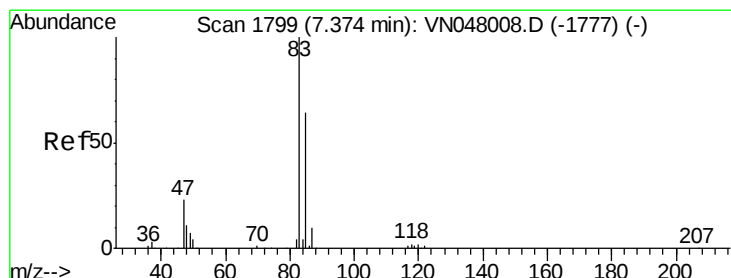
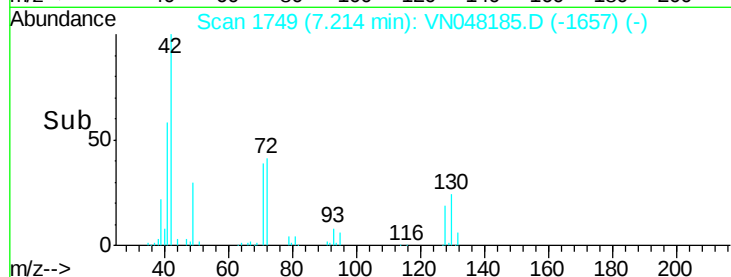
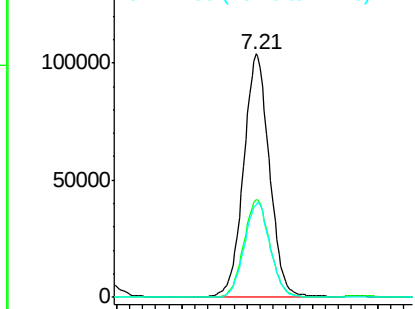
#29
Tetrahydrofuran
Concen: 246.69 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Instrument :
MSVOA_T
ClientSampled :

Tot Ion: 42 Resp: 287278
Ion Ratio Lower Upper
42 100
72 40.4 34.2 51.4
71 38.5 31.8 47.8

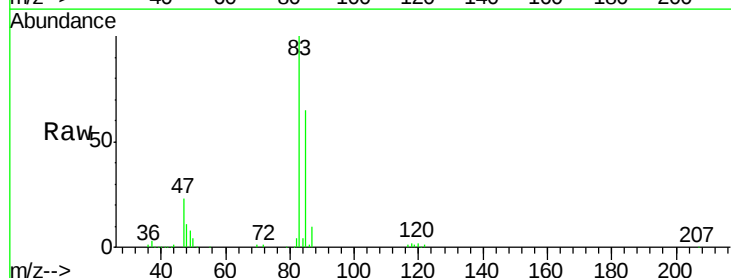


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

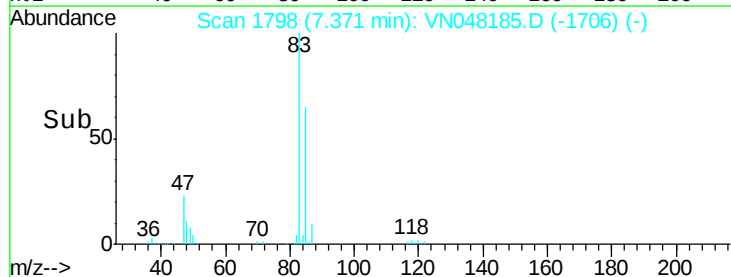
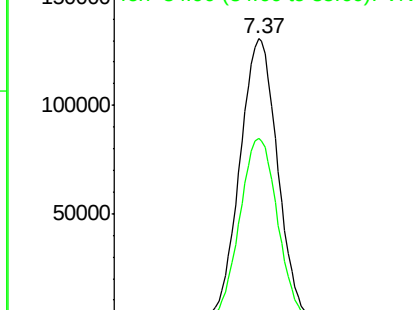


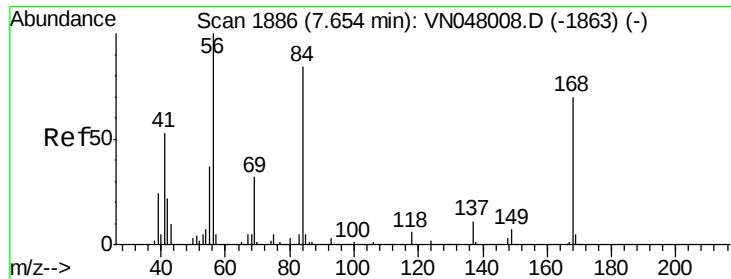
#30
Chloroform
Concen: 54.53 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 83 Resp: 336750
Ion Ratio Lower Upper
83 100
85 65.0 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 52.71 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :
MSVOA_T
ClientSampled :

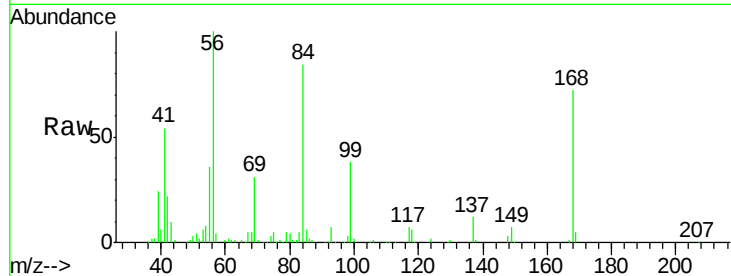
Tot Ion: 56 Resp: 308780

Ion Ratio Lower Upper

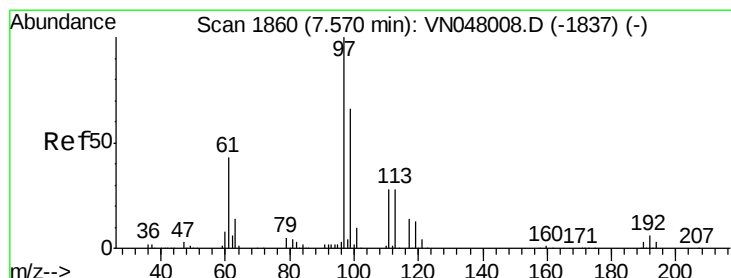
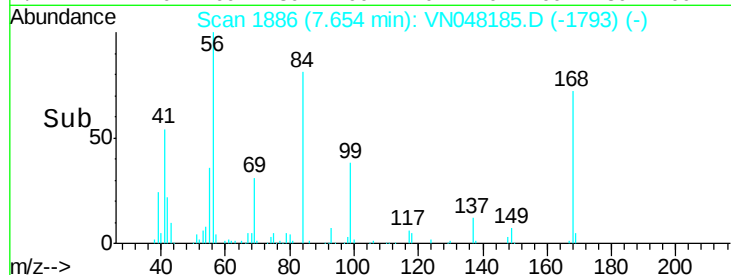
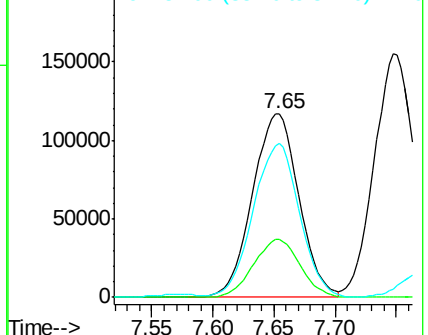
56 100

69 31.4 25.6 38.4

84 82.4 67.5 101.3



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 53.21 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

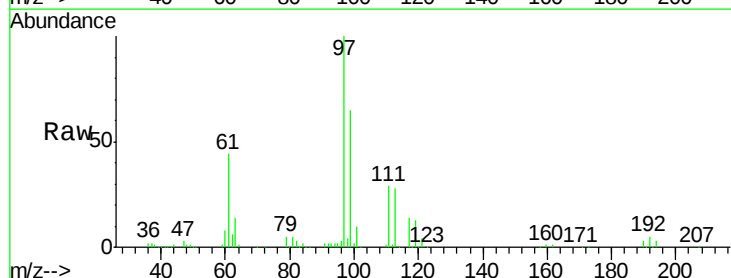
Tgt Ion: 97 Resp: 289301

Ion Ratio Lower Upper

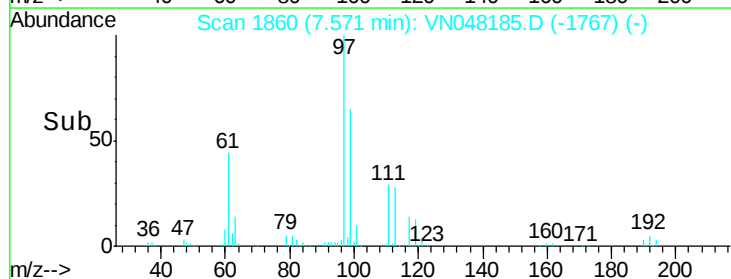
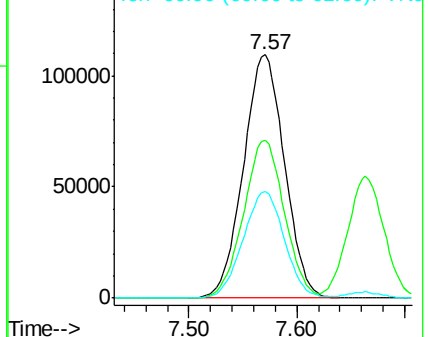
97 100

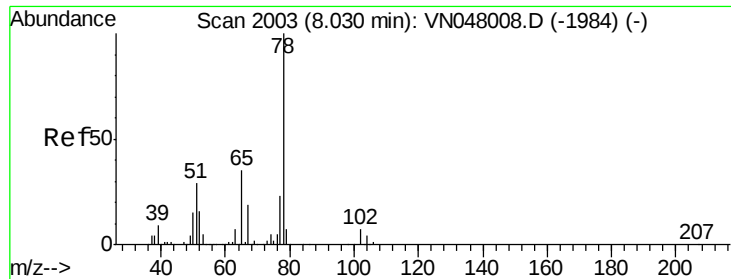
99 64.2 51.4 77.2

61 44.0 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.90 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

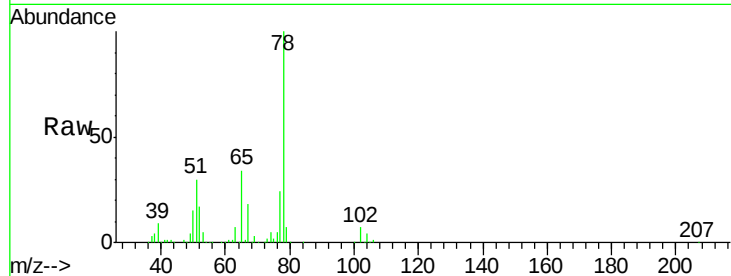
Instrument :
MSVOA_T
ClientSampleId :

Tot Ion: 65 Resp: 174500

Ion Ratio Lower Upper

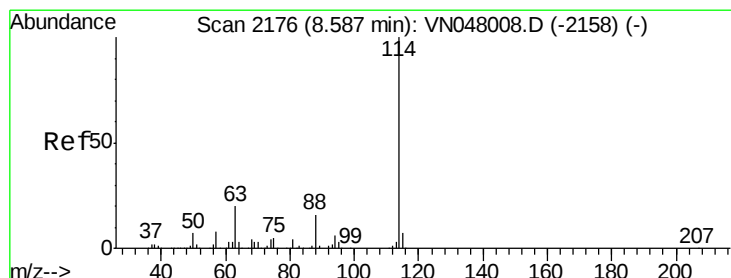
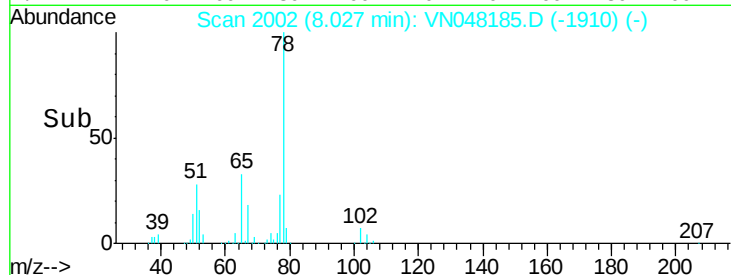
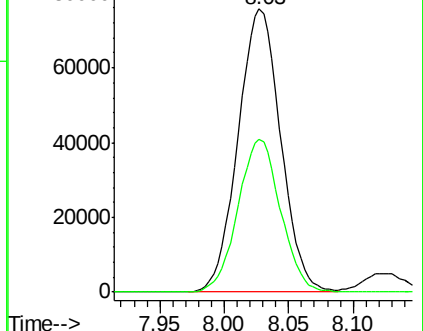
65 100

67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN048008.D (-1984) (-)

Ion 66.90 (66.60 to 67.60): VN048008.D (-1984) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

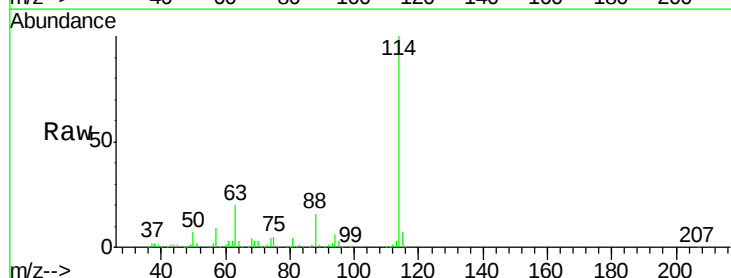
Tgt Ion: 114 Resp: 353751

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

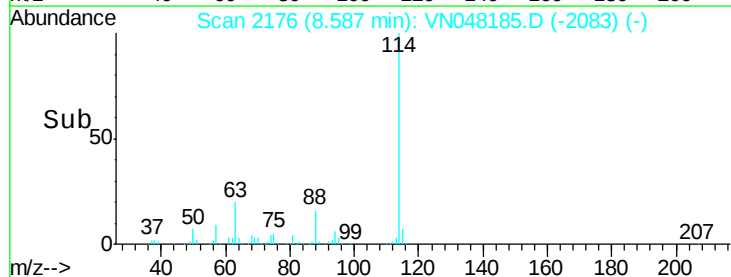
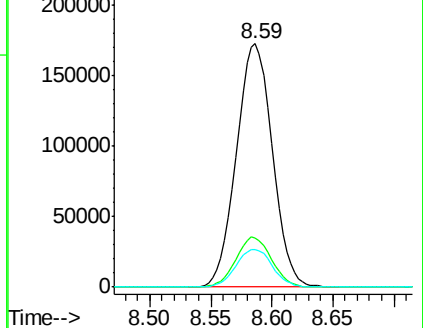
88 15.5 0.0 31.0

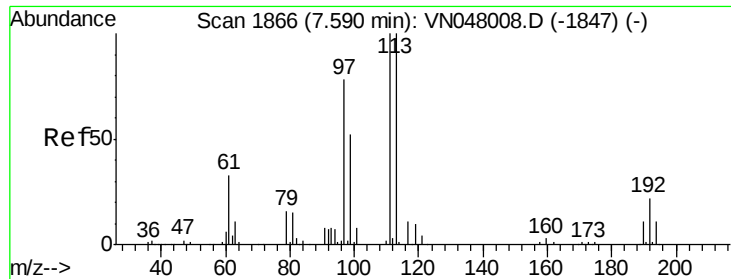


Abundance Ion 113.90 (113.60 to 114.60): VN048008.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN048008.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN048008.D (-2158) (-)

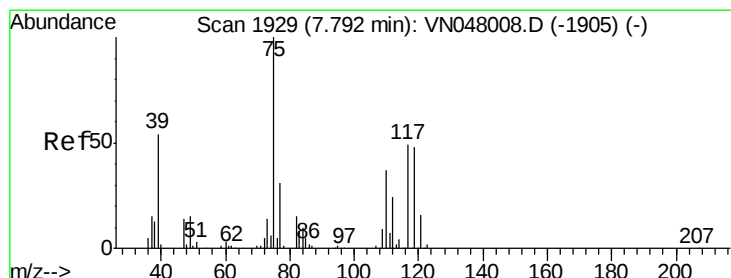
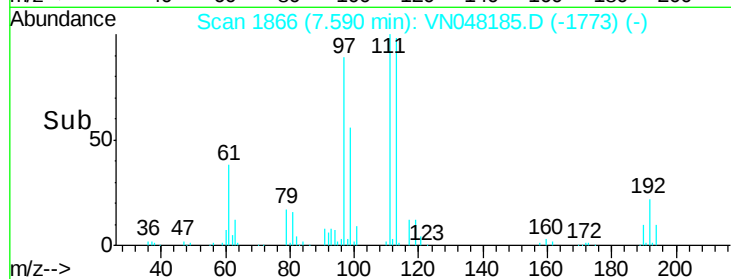
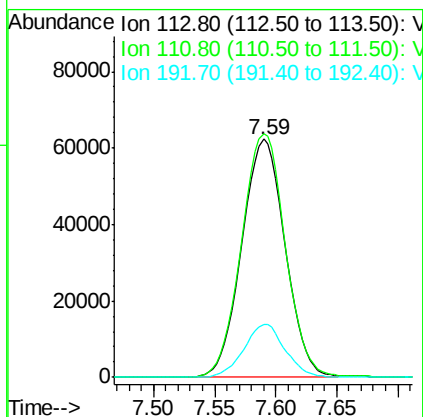
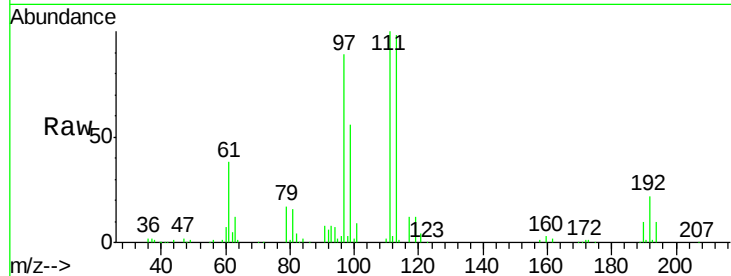




#35
 Dibromofluoromethane
 Concen: 49.98 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

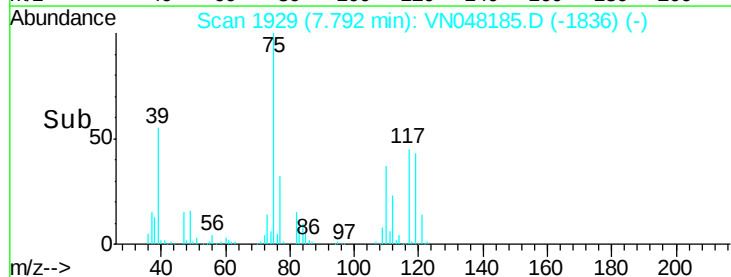
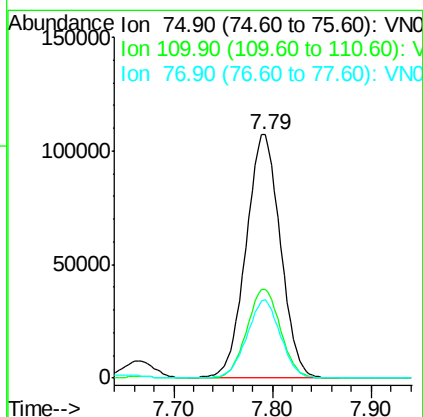
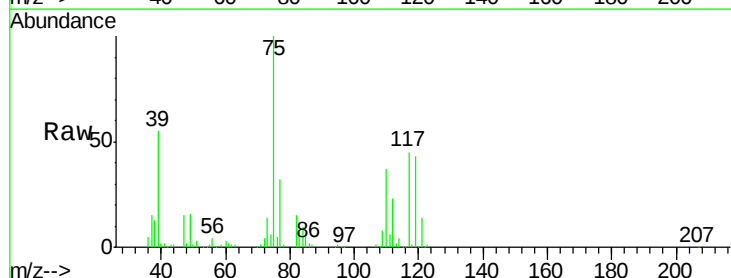
Instrument :
 MSVOA_T
 ClientSampleId :

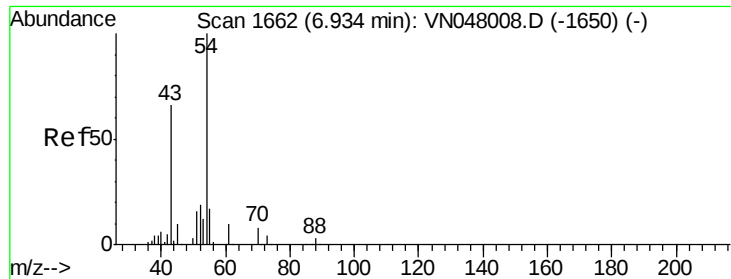
Tot Ion:113 Resp: 153362
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.7 122.5
 192 21.1 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 54.66 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion: 75 Resp: 257166
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.4 55.0
 77 31.4 25.0 37.4

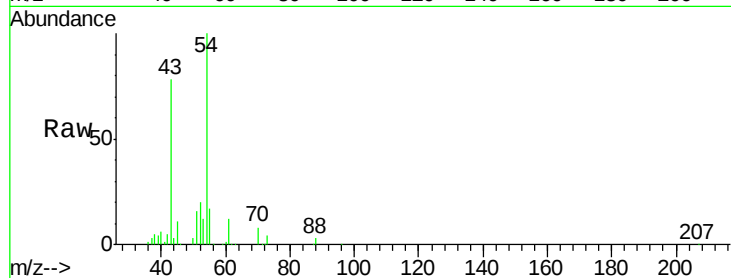




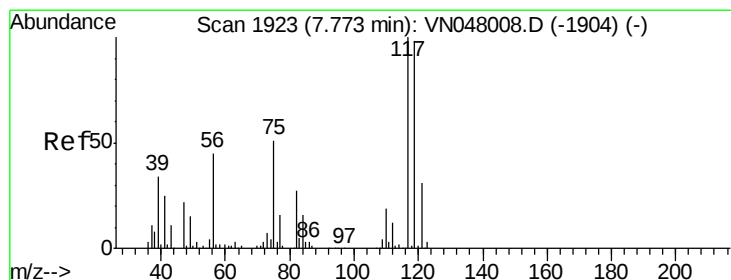
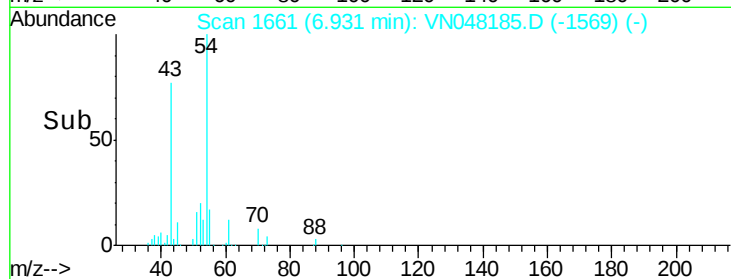
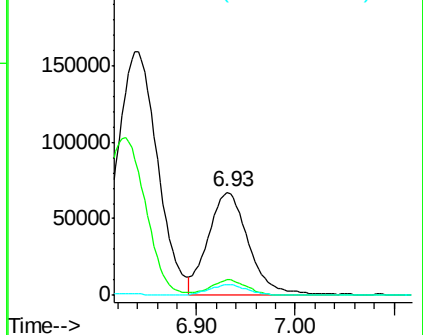
#37
Ethyl Acetate
Concen: 51.13 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Instrument :
MSVOA_T
ClientSampled :

Tot Ion: 43 Resp: 189189
Ion Ratio Lower Upper
43 100
61 13.8 11.4 17.2
70 10.1 8.6 12.8

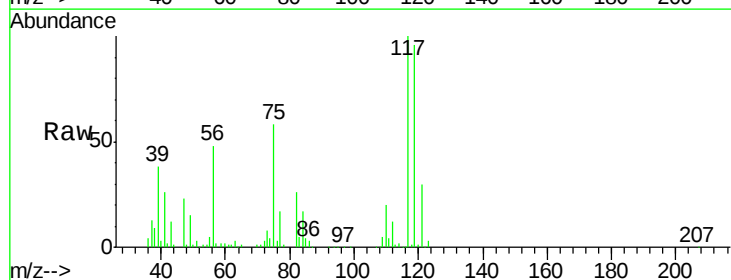


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

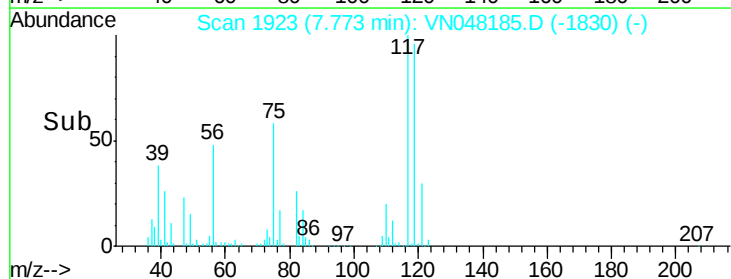
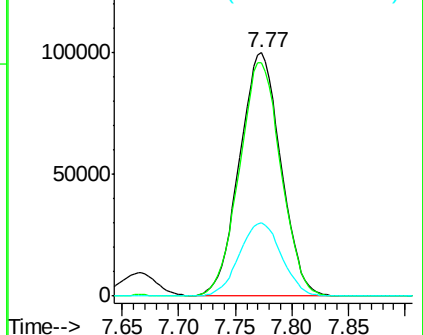


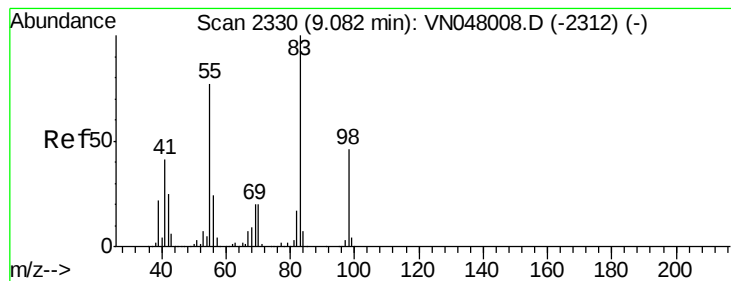
#38
Carbon Tetrachloride
Concen: 54.34 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 117 Resp: 254393
Ion Ratio Lower Upper
117 100
119 95.6 78.0 117.0
121 30.0 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

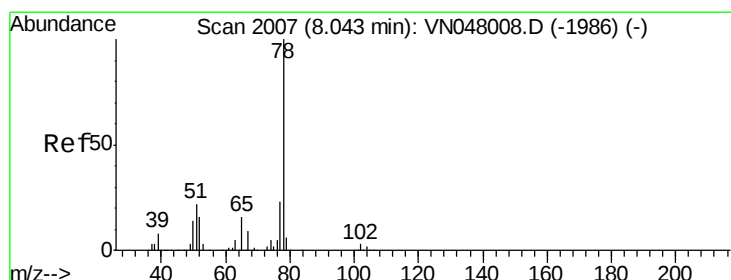
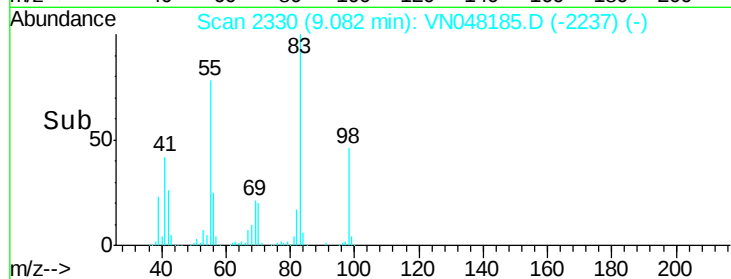
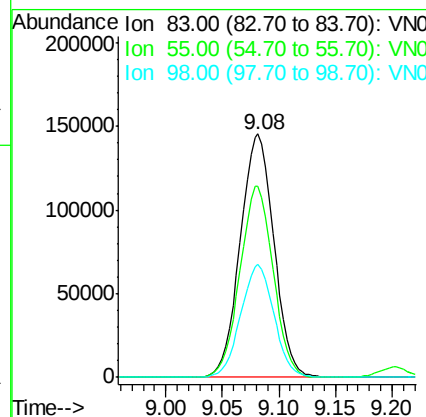
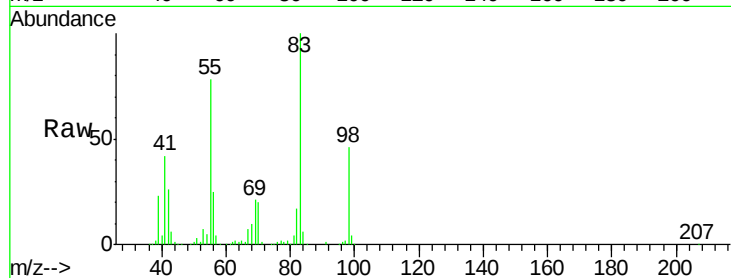




#39
Methvlcvclohexane
Concen: 52.51 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

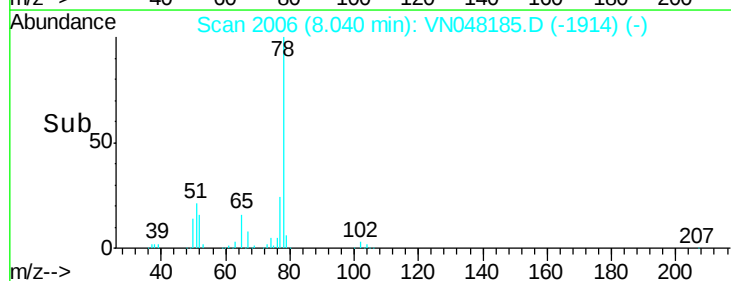
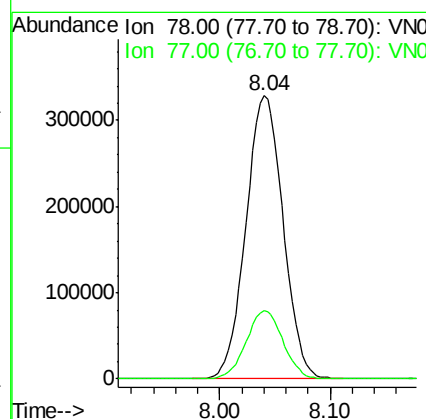
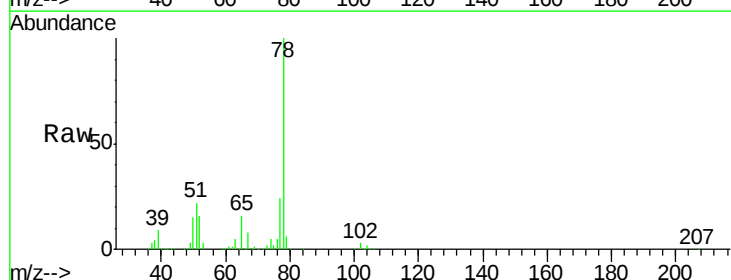
Instrument :
MSVOA_T
ClientSampleId :

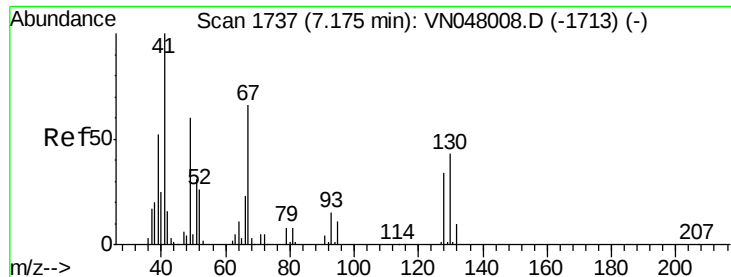
Tot Ion: 83 Resp: 302238
Ion Ratio Lower Upper
83 100
55 78.3 61.7 92.5
98 46.3 36.8 55.2



#40
Benzene
Concen: 54.58 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 78 Resp: 767206
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1

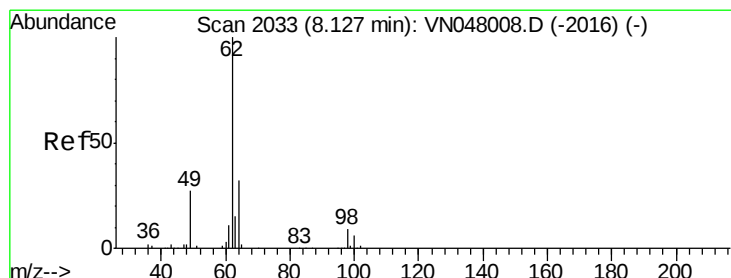
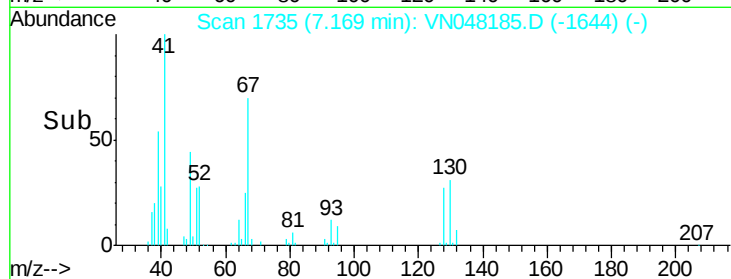
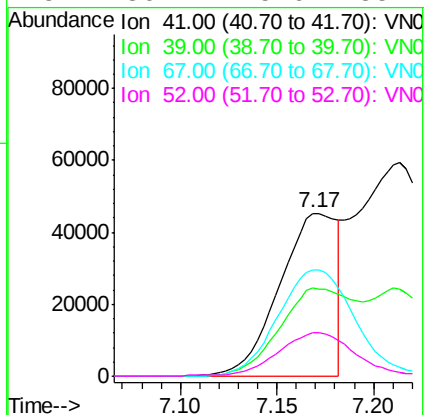
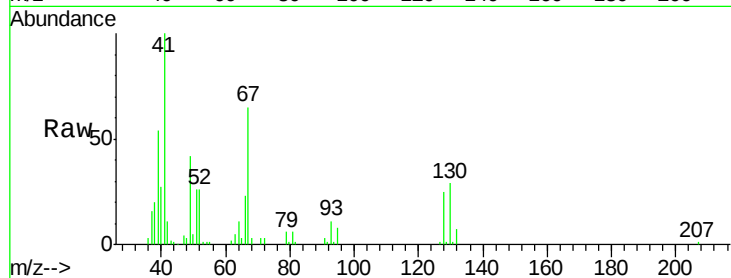




#41
Methacrylonitrile
Concen: 48.43 ug/l
RT: 7.17 min Scan# 1735
Delta R.T. -0.01 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

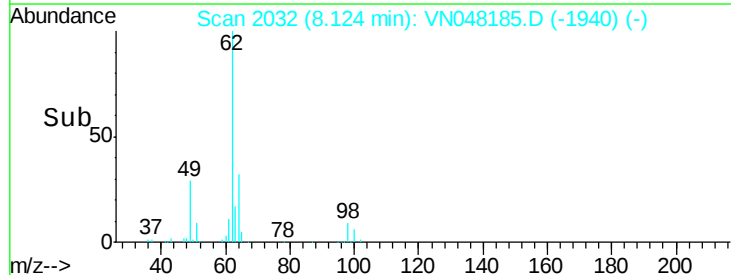
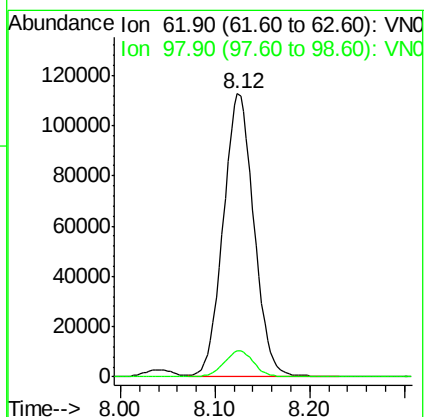
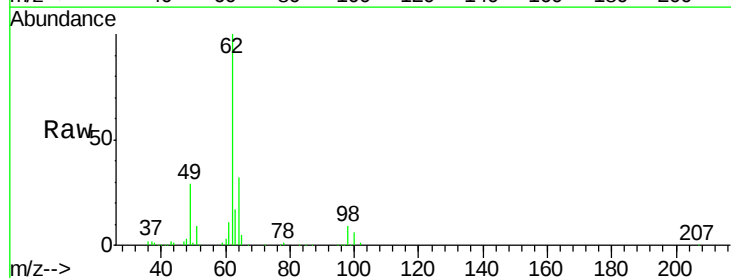
Instrument :
MSVOA_T
ClientSampleId :

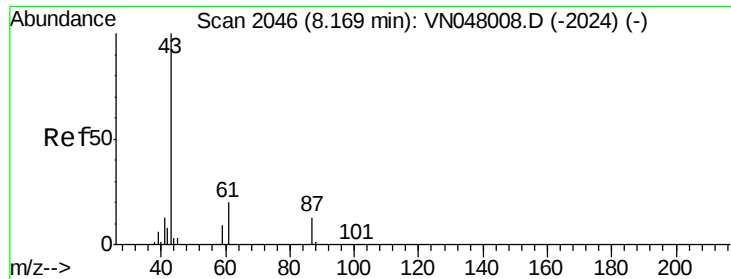
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	71.5	47.4	71.2#	
67	88.1	62.4	93.6	
52	36.1	25.6	38.4	



#42
1,2-Dichloroethane
Concen: 54.44 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	18.2	



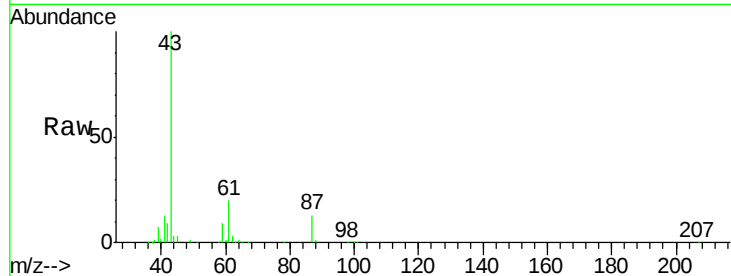


#43

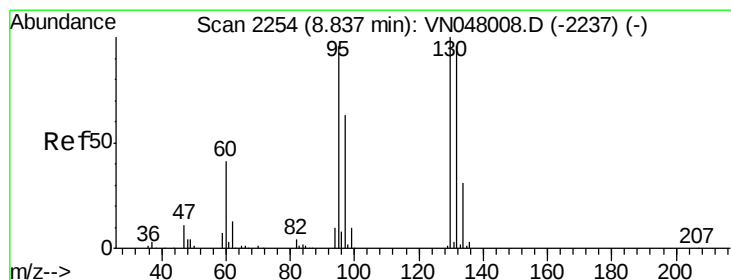
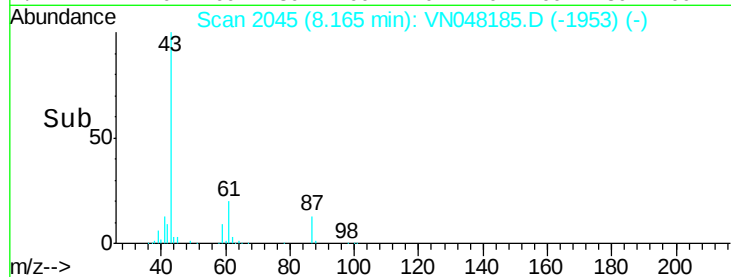
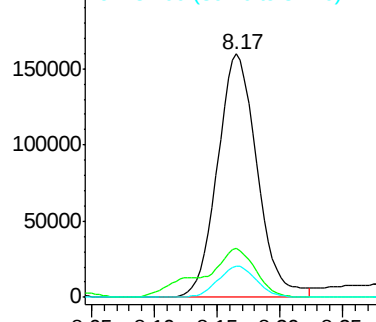
Isopropyl Acetate
 Concen: 53.42 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Instrument :
 MSVOA_T
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.8	22.2	33.2
87	12.5	10.6	15.8



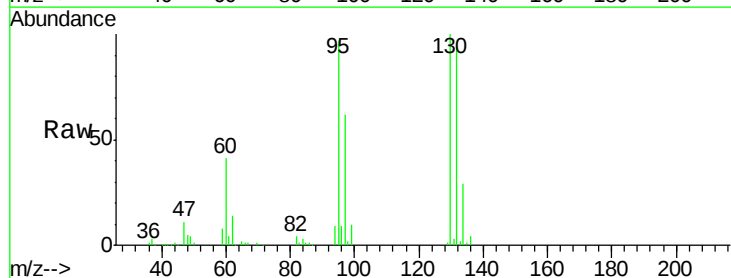
Abundance Ion 43.00 (42.70 to 43.70): VN048008.D (-2024) (-)



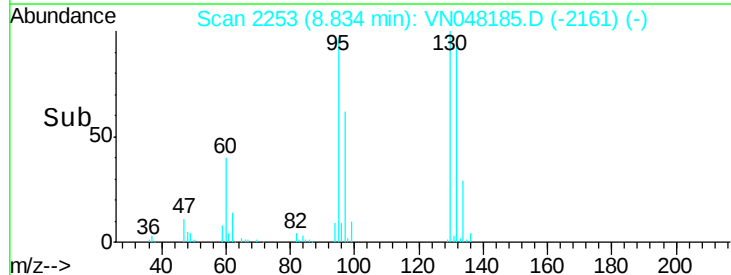
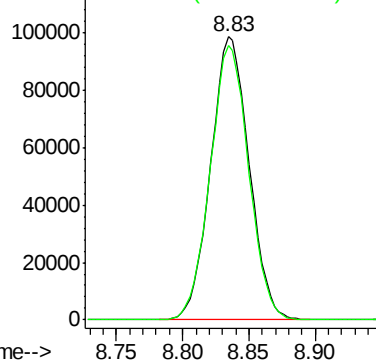
#44

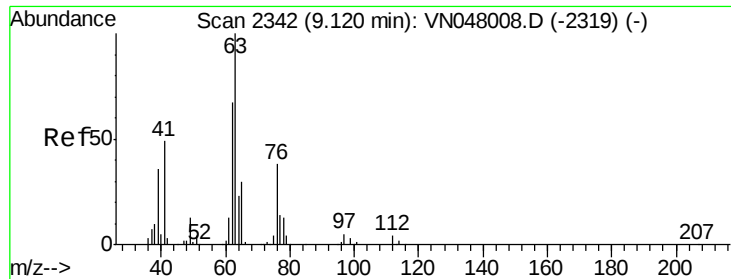
Trichloroethene
 Concen: 53.20 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	191.6



Abundance Ion 129.80 (129.50 to 130.50): VN048008.D (-2237) (-)





#45

1,2-Dichloropropane

Concen: 57.28 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

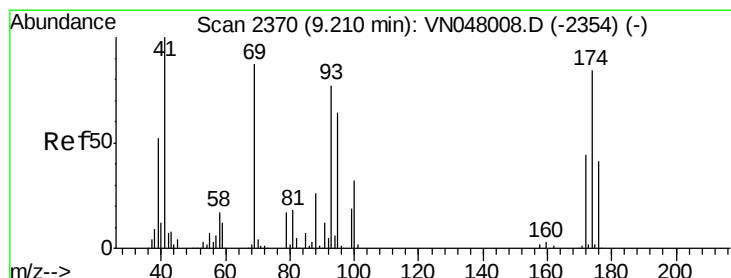
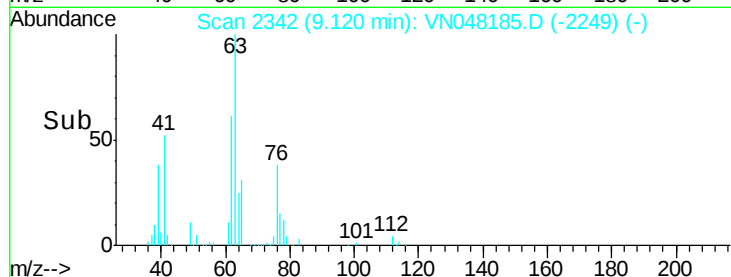
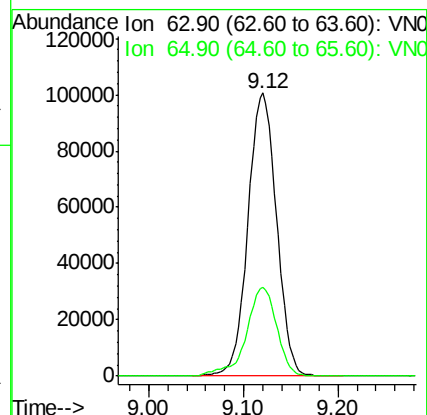
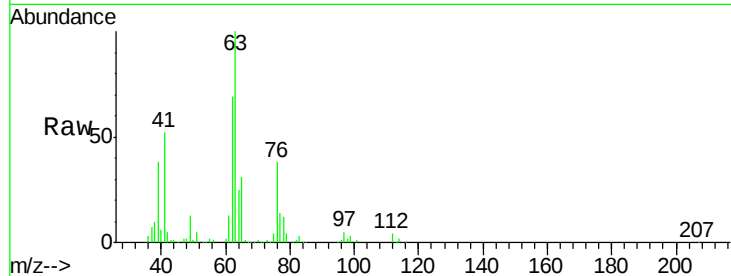
ClientSampled :

Tot Ion: 63 Resp: 211396

Ion Ratio Lower Upper

63 100

65 31.4 23.9 35.9



#46

Dibromomethane

Concen: 55.93 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

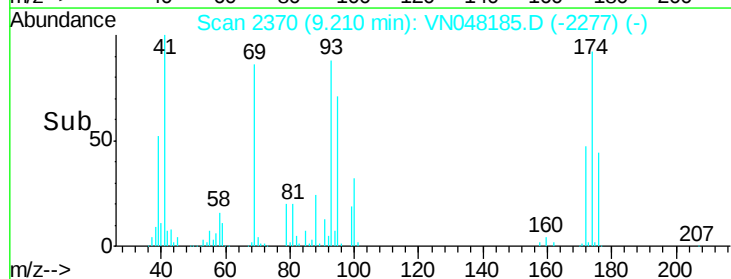
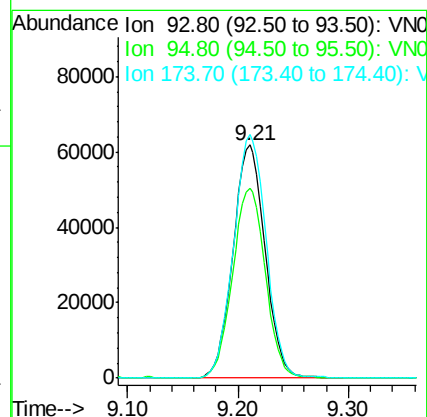
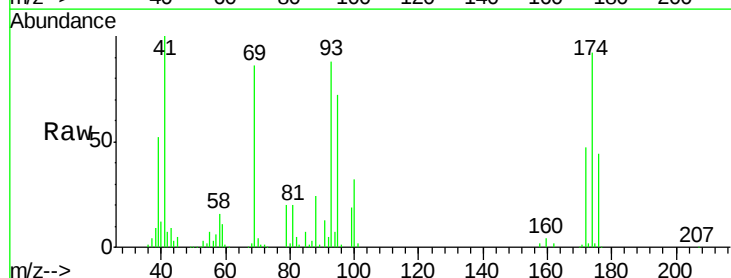
Tgt Ion: 93 Resp: 125123

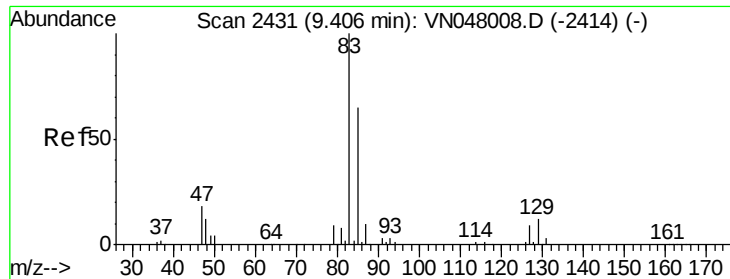
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 106.1 87.7 131.5





#47

Bromodichloromethane

Concen: 57.30 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampleId :

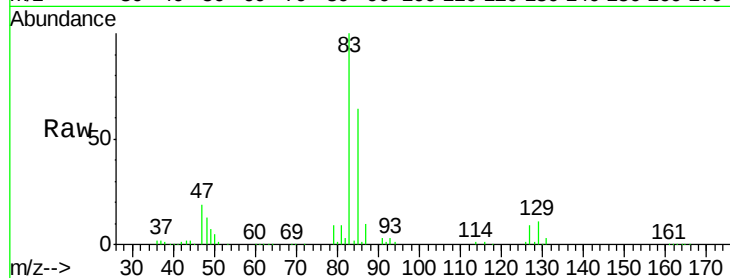
Tot Ion: 83 Resp: 261519

Ion Ratio Lower Upper

83 100

85 64.3 52.1 78.1

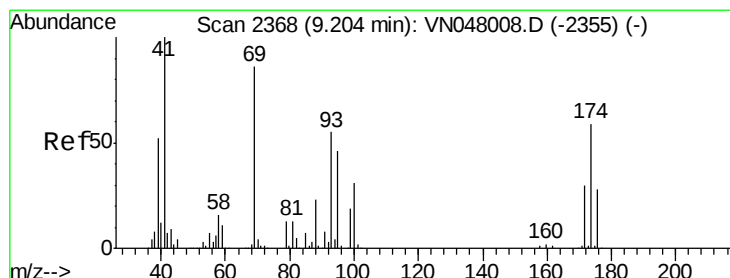
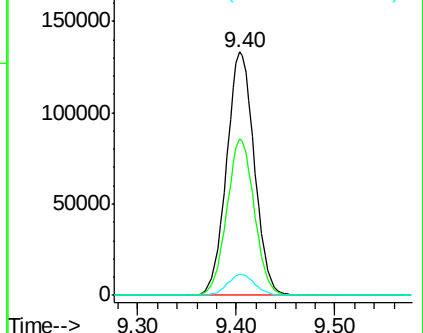
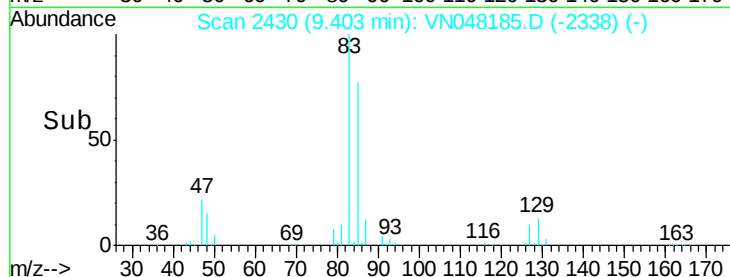
127 8.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN048185.D (-2338) (-)

Ion 84.90 (84.60 to 85.60): VN048185.D (-2338) (-)

Ion 126.80 (126.50 to 127.50): VN048185.D (-2338) (-)



#48

Methyl methacrylate

Concen: 51.30 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

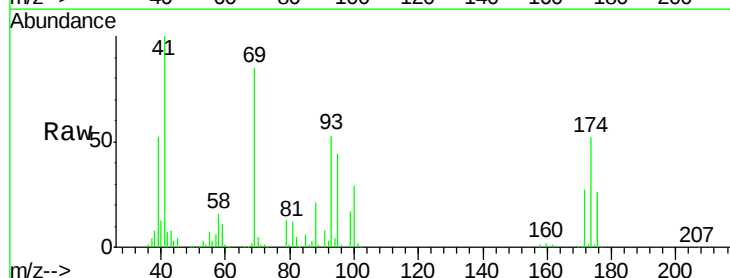
Tgt Ion: 41 Resp: 167532

Ion Ratio Lower Upper

41 100

69 86.4 68.6 103.0

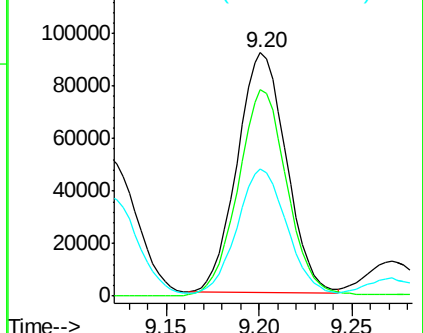
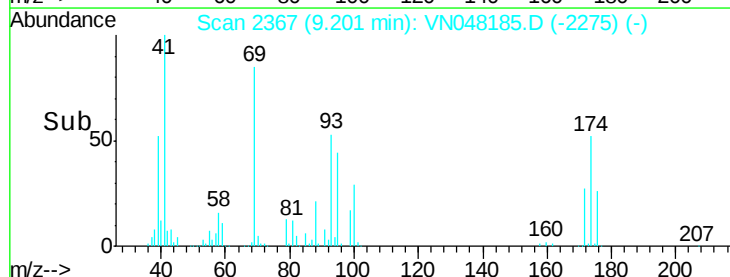
39 54.2 42.3 63.5

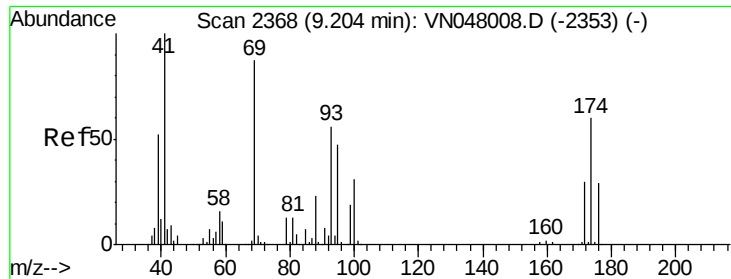


Abundance Ion 41.00 (40.70 to 41.70): VN048185.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN048185.D (-2275) (-)

Ion 39.00 (38.70 to 39.70): VN048185.D (-2275) (-)

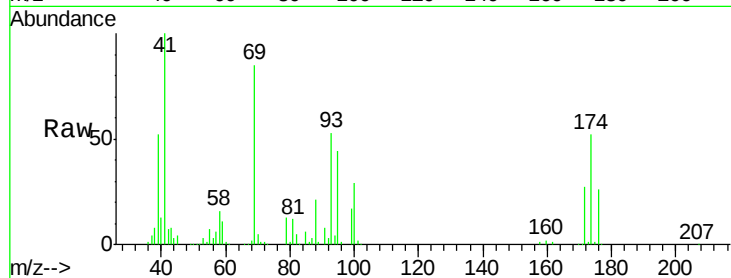




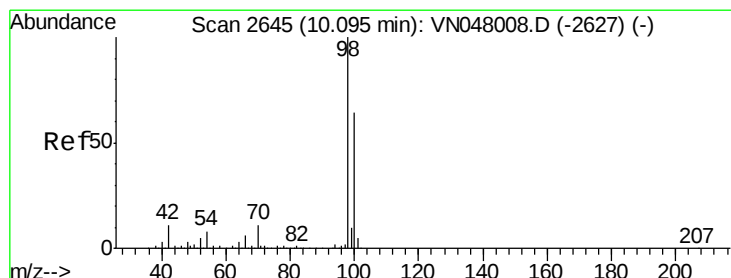
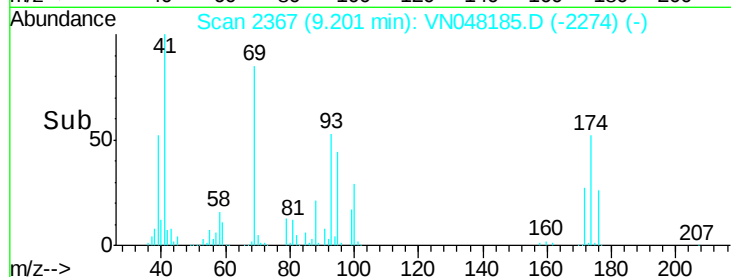
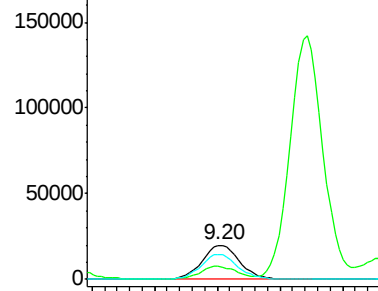
#49
1,4-Dioxane
Concen: 940.69 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Instrument :
MSVOA_T
ClientSampleId :

Tot Ion: 88 Resp: 41136
Ion Ratio Lower Upper
88 100
43 35.5 27.6 41.4
58 72.3 57.0 85.6

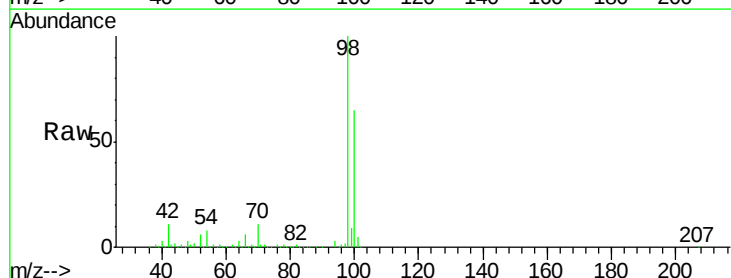


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

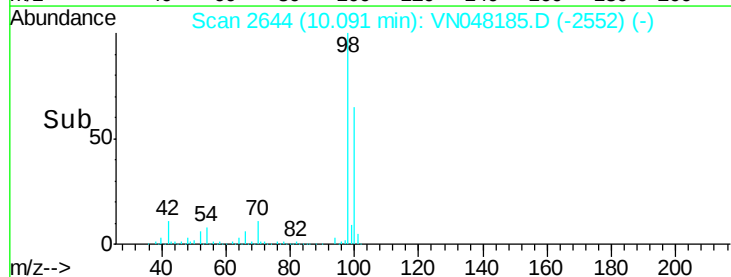
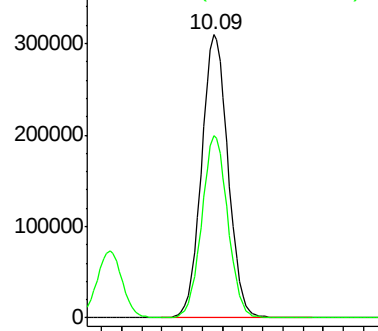


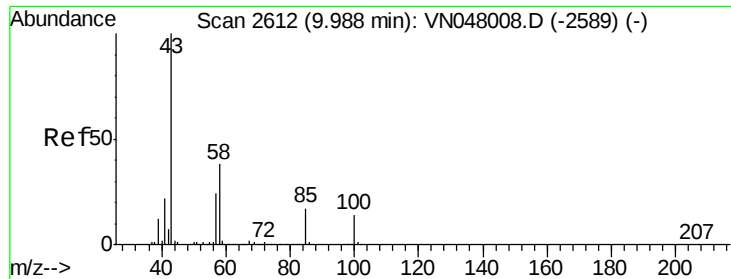
#50
Toluene-d8
Concen: 49.44 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 98 Resp: 566132
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



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

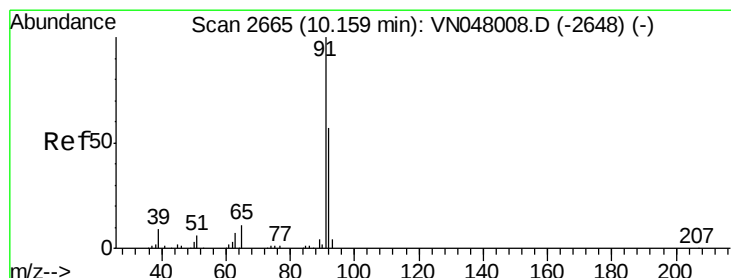
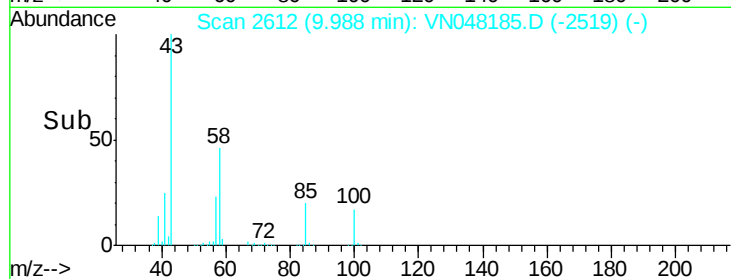
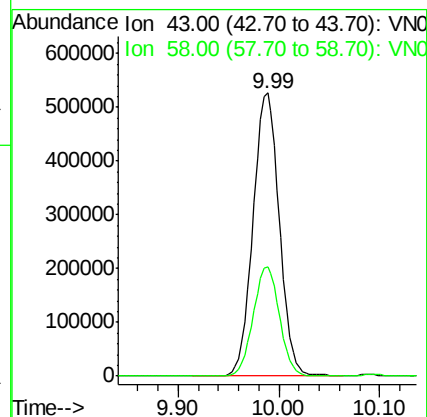
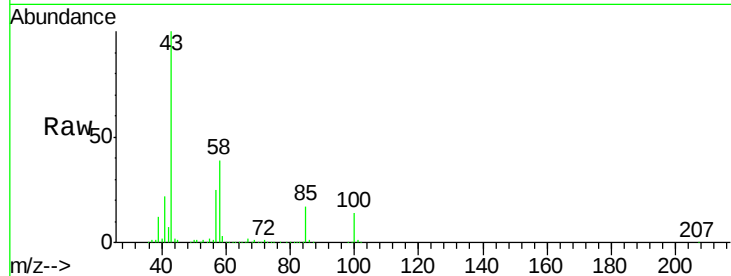




#51
 4-Methyl-2-Pentanone
 Concen: 256.48 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

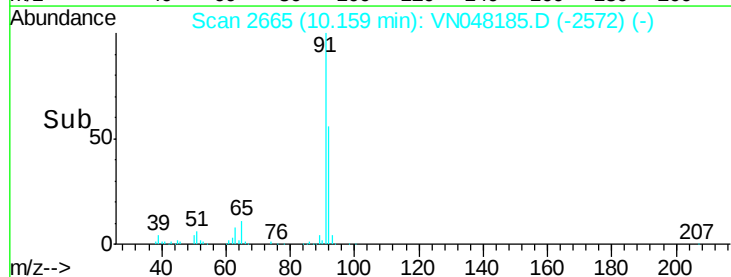
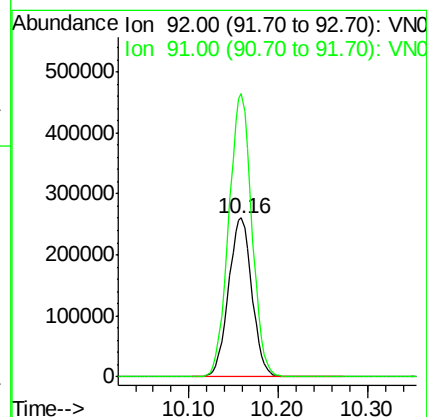
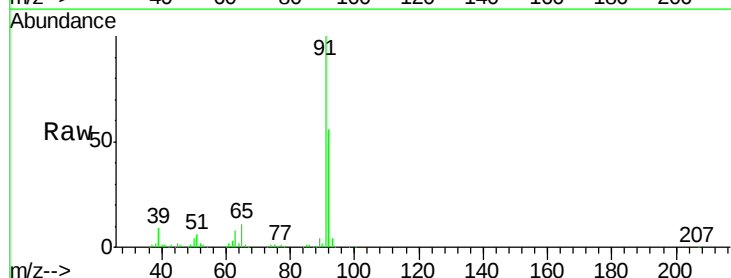
Instrument :
 MSVOA_T
 ClientSampled :

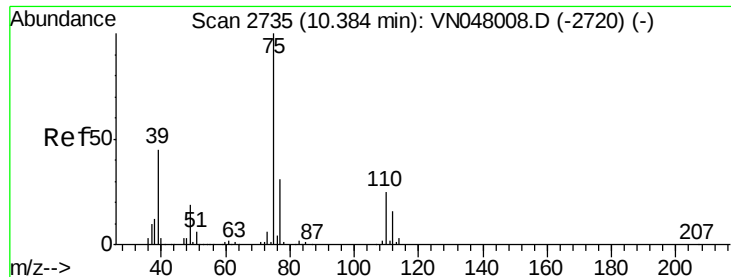
Tot Ion: 43 Resp: 943842
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.0 46.6



#52
 Toluene
 Concen: 54.94 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion: 92 Resp: 472823
 Ion Ratio Lower Upper
 92 100
 91 176.1 141.0 211.4

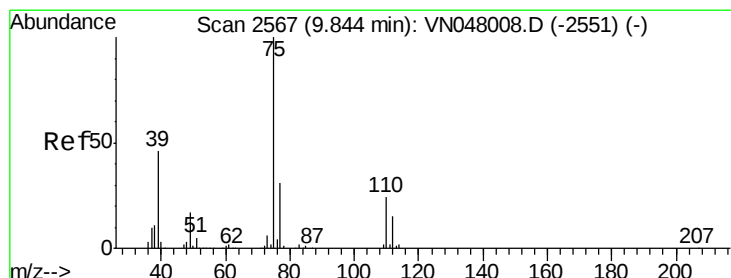
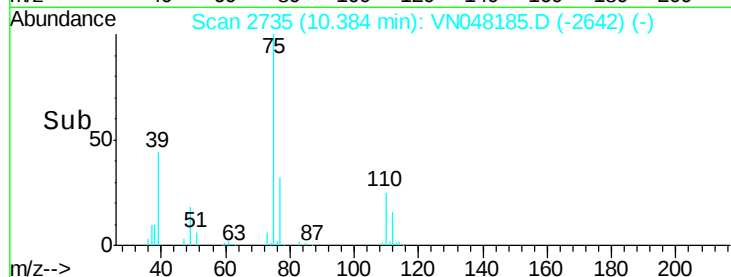
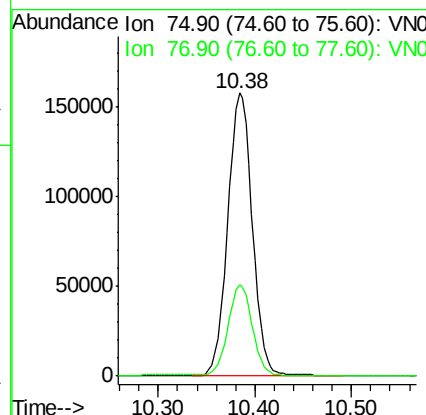
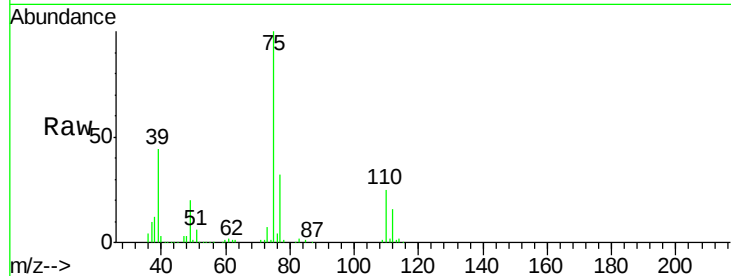




#53
t-1,3-Dichloropropene
Concen: 58.90 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

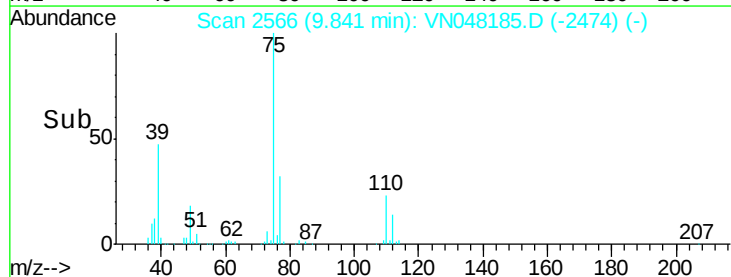
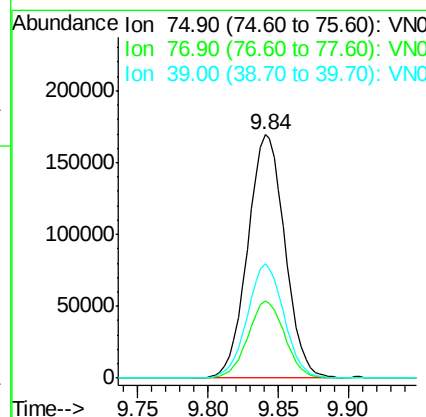
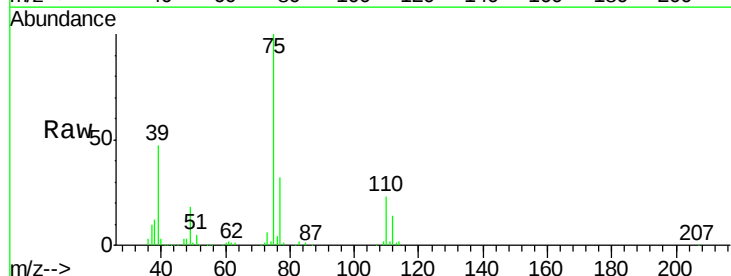
Instrument :
MSVOA_T
ClientSampleId :

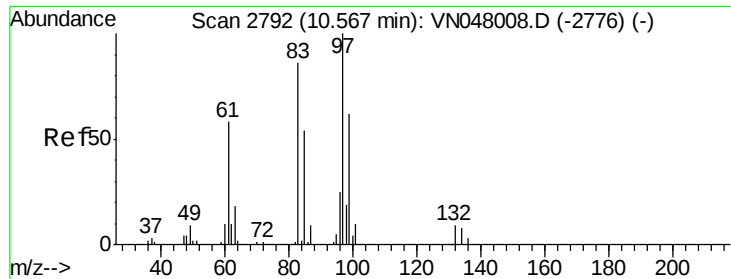
Tot Ion: 75 Resp: 279584
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 58.12 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 75 Resp: 312984
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7
39 46.8 36.7 55.1

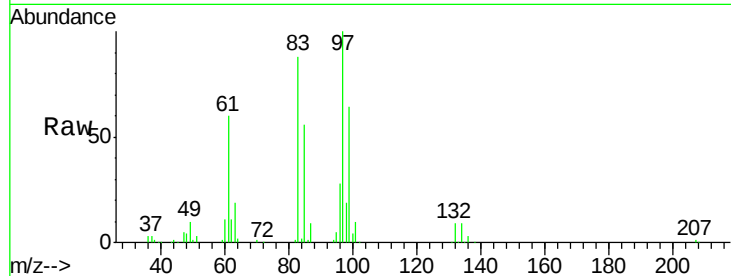




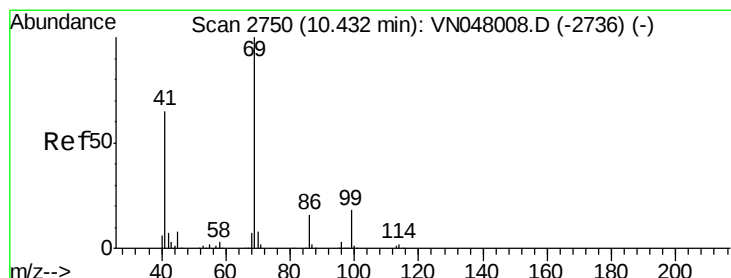
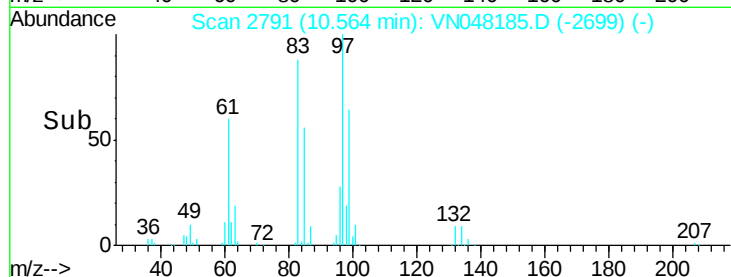
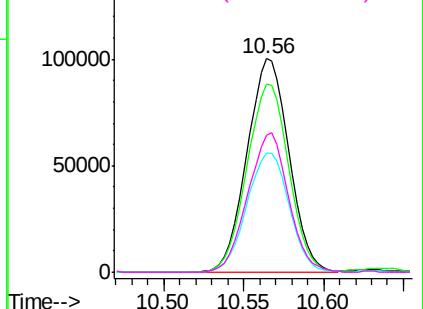
#55
 1,1,2-Trichloroethane
 Concen: 55.26 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Instrument :
 MSVOA_T
 ClientSampled :

Tot Ion:	97	Resp:	180137
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.7	103.1
85	55.6	43.4	65.2
99	64.4	49.6	74.4

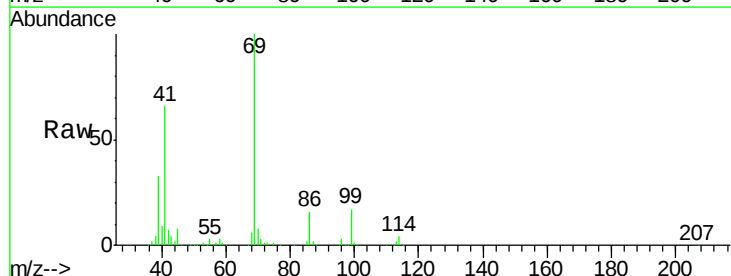


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

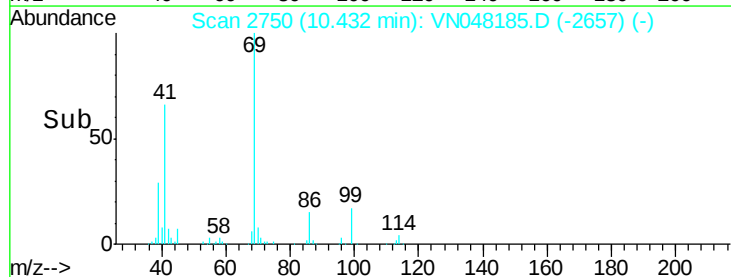
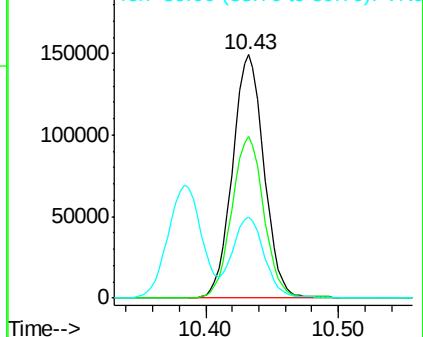


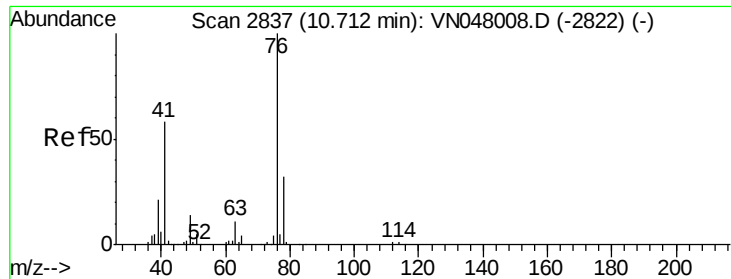
#56
 Ethyl methacrylate
 Concen: 52.83 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion:	69	Resp:	246522
Ion	Ratio	Lower	Upper
69	100		
41	66.3	52.3	78.5
39	33.2	26.4	39.6



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

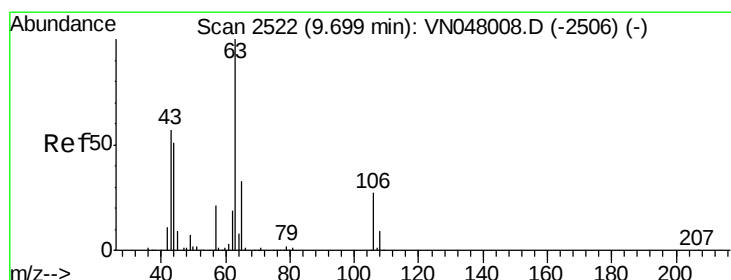
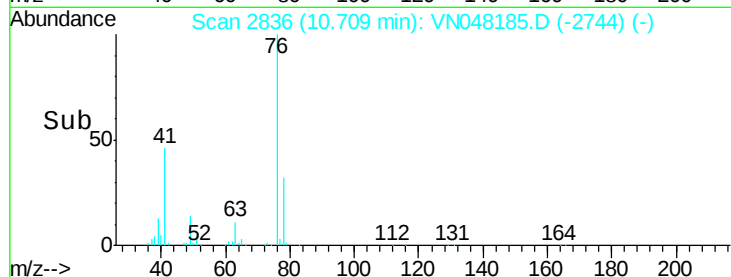
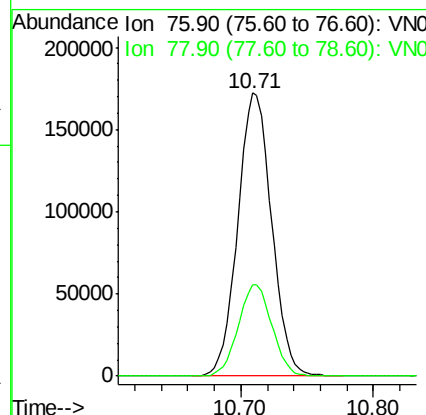
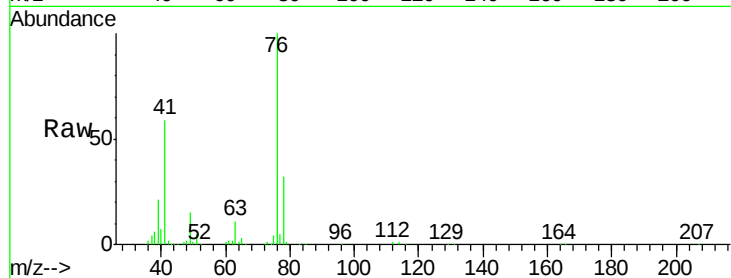




#57
 1,3-Dichloropropane
 Concen: 55.11 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

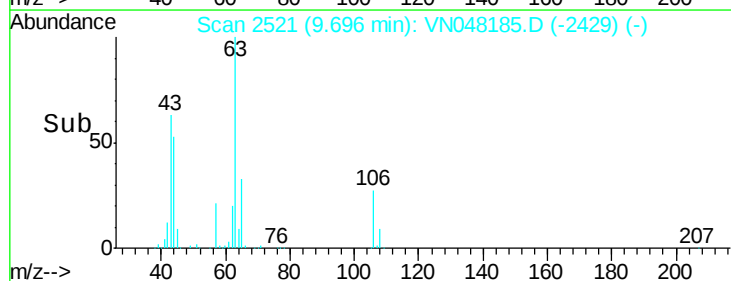
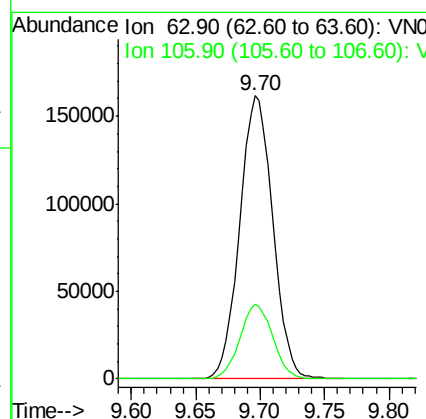
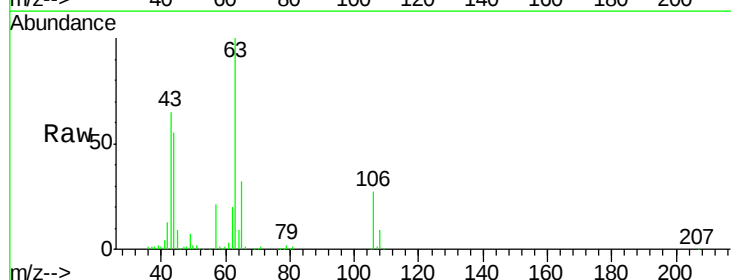
Instrument :
 MSVOA_T
 ClientSampled :

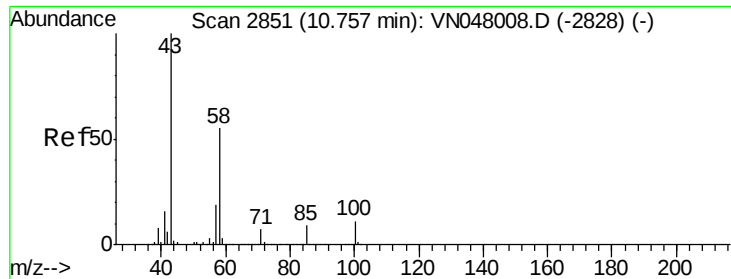
Tot Ion: 76 Resp: 305061
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.88 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion: 63 Resp: 288522
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.3 31.9

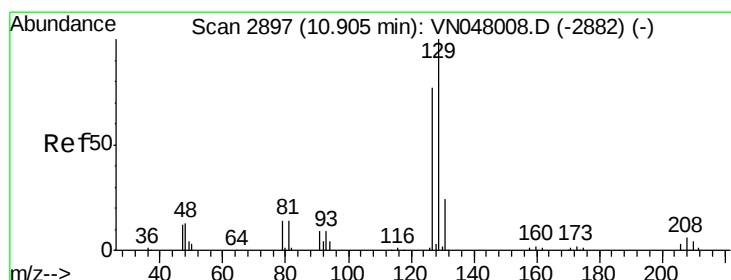
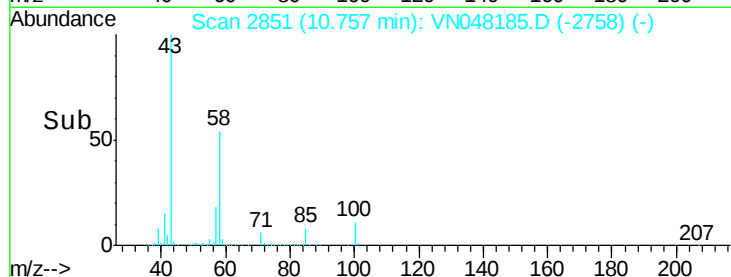
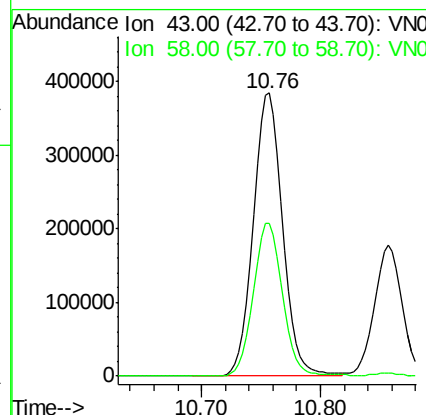
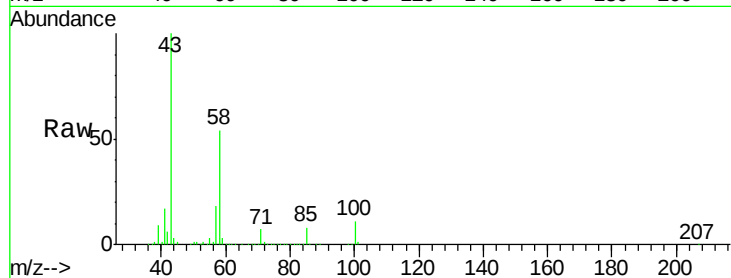




#59
2-Hexanone
Concen: 244.09 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

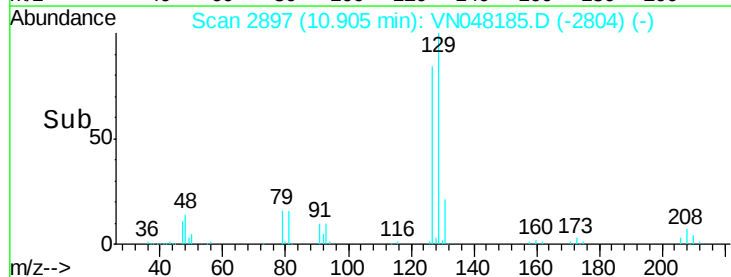
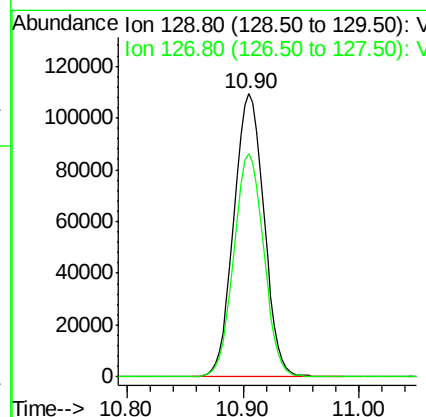
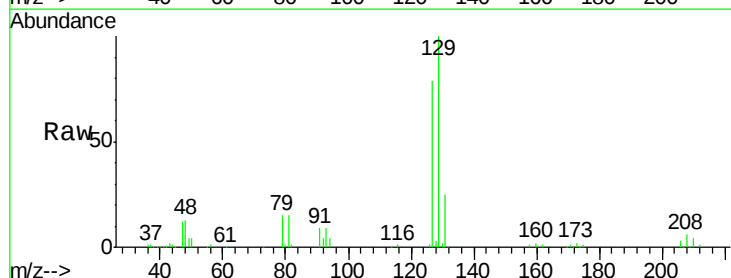
Instrument :
MSVOA_T
ClientSampleId :

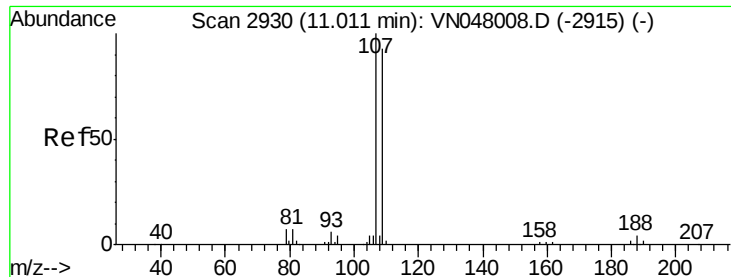
Tot Ion: 43 Resp: 653740
Ion Ratio Lower Upper
43 100
58 54.1 27.4 82.0



#60
Dibromochloromethane
Concen: 56.42 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 129 Resp: 196794
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4

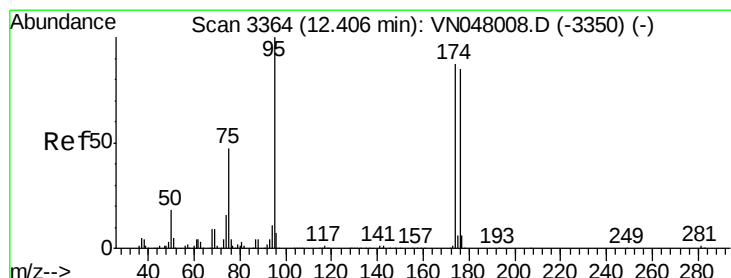
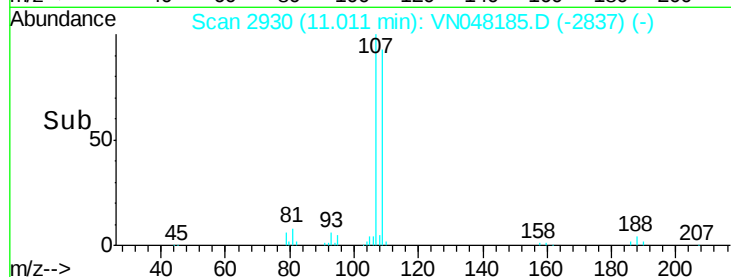
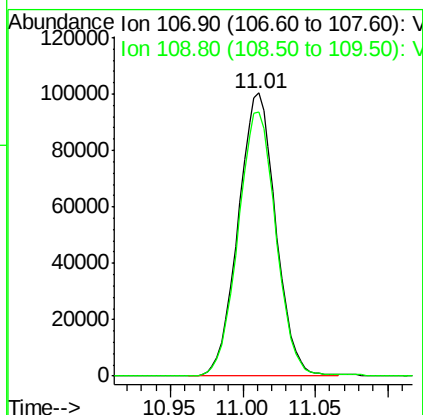
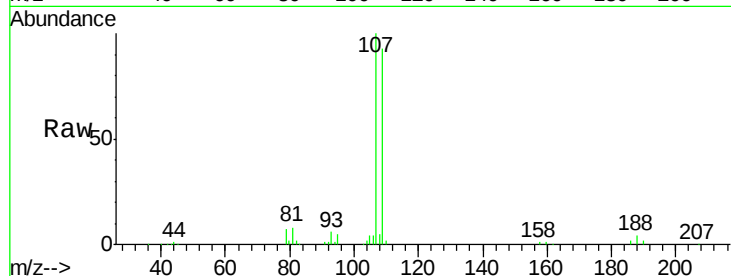




#61
 1,2-Dibromoethane
 Concen: 55.44 ug/l
 RT: 11.01 min Scan# 2930
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

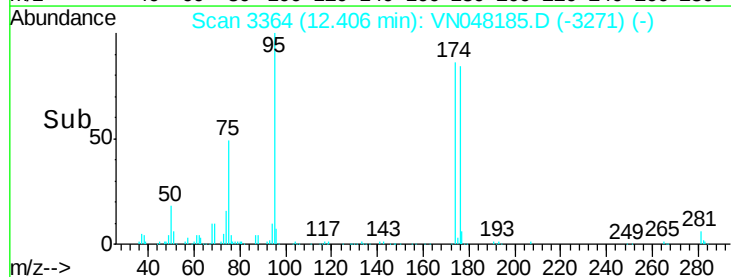
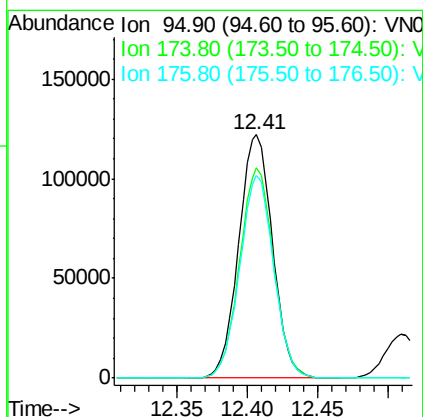
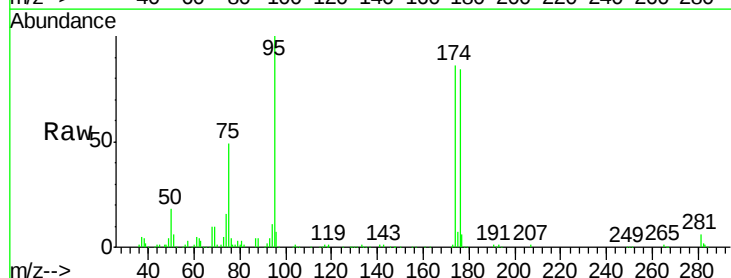
Instrument :
 MSVOA_T
 ClientSampled :

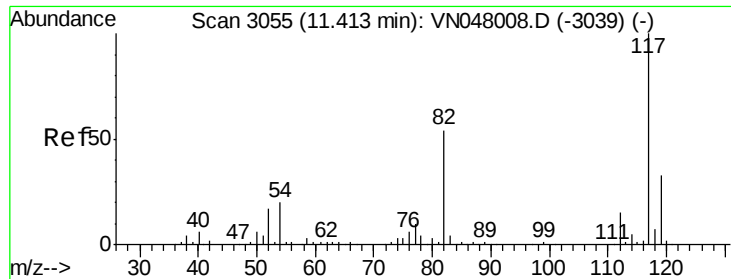
Tot Ion:107 Resp: 180144
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 50.75 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion: 95 Resp: 205400
 Ion Ratio Lower Upper
 95 100
 174 86.8 0.0 173.8
 176 83.8 0.0 170.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampleId :

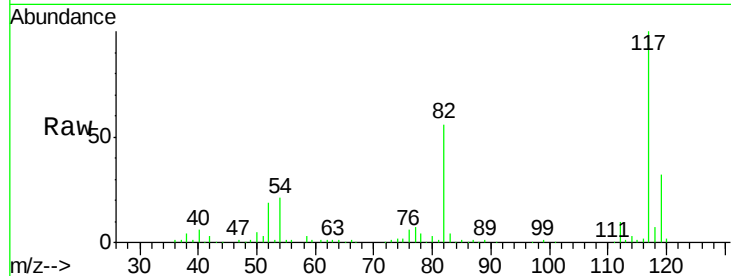
Tot Ion:117 Resp: 333597

Ion Ratio Lower Upper

117 100

82 56.0 42.8 64.2

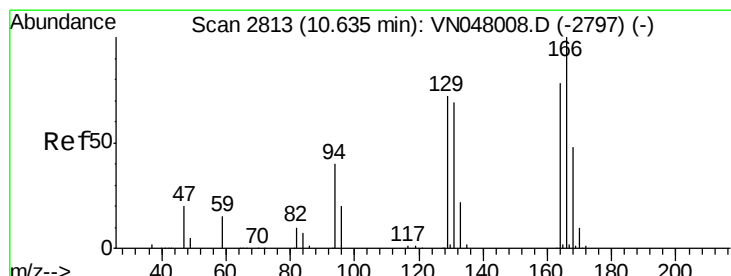
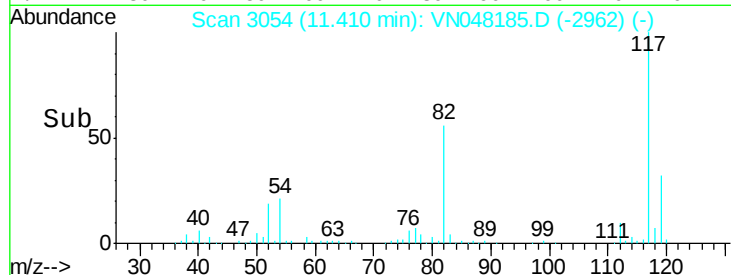
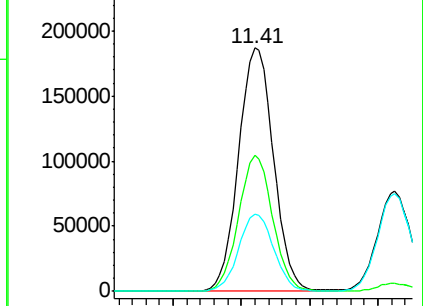
119 31.9 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.92 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Tgt Ion:164 Resp: 174123

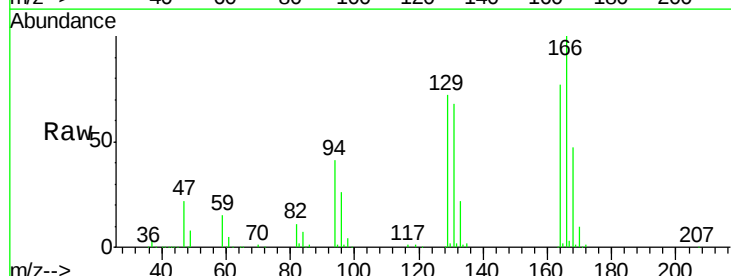
Ion Ratio Lower Upper

164 100

166 130.7 102.7 154.1

129 94.0 74.3 111.5

131 89.3 71.4 107.0

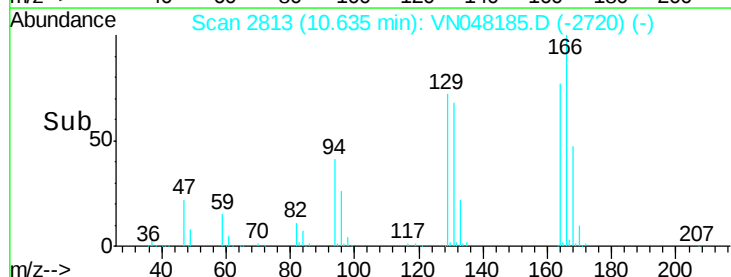
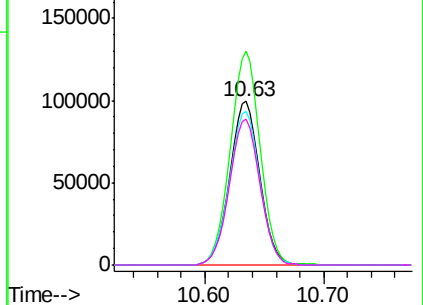


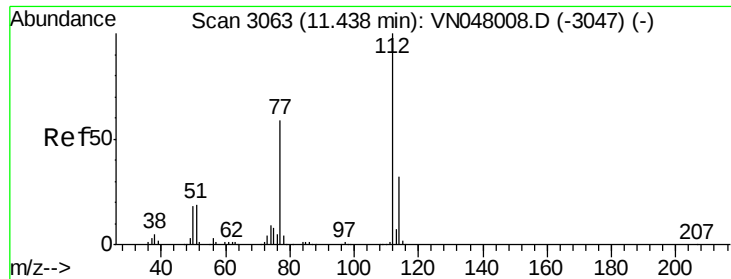
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

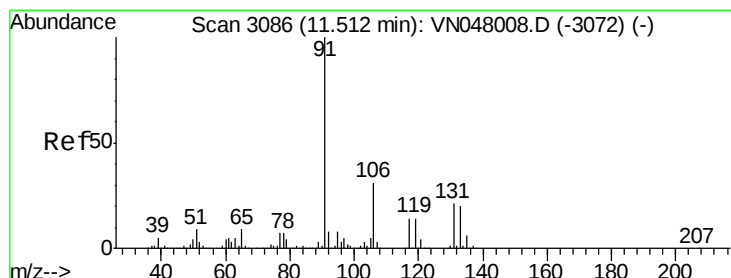
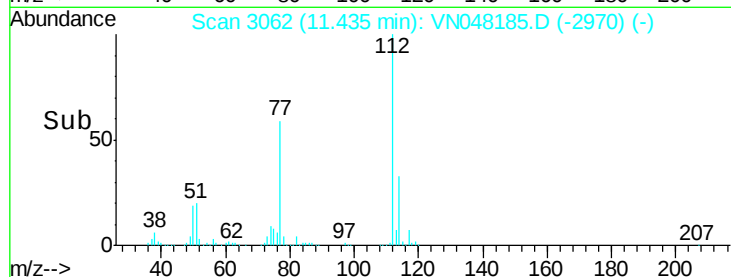
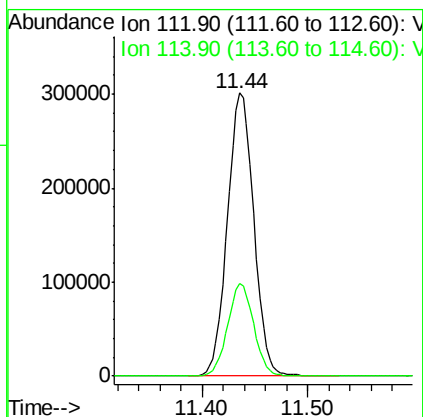
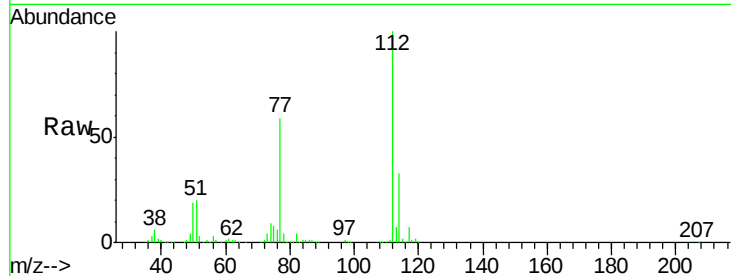




#65
Chlorobenzene
Concen: 52.97 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

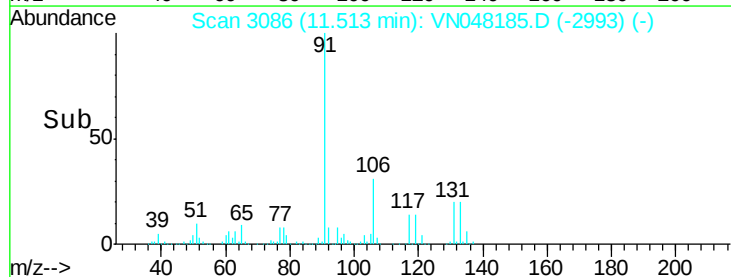
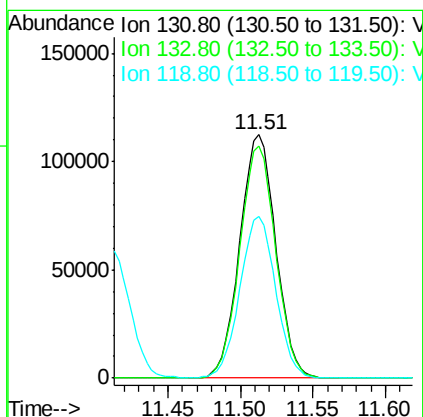
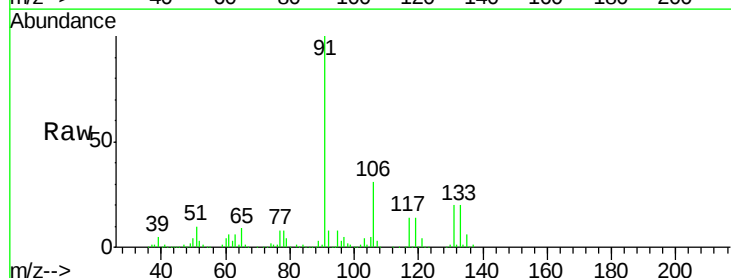
Instrument :
MSVOA_T
ClientSampled :

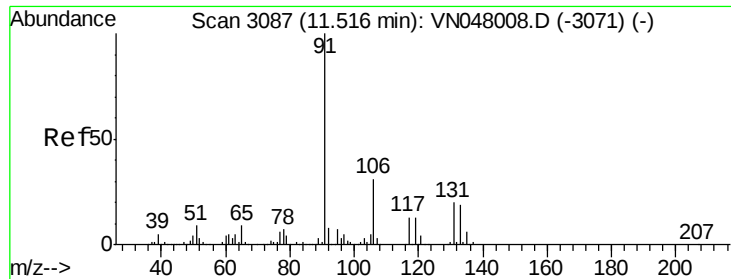
Tot Ion:112 Resp: 521435
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.05 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion:131 Resp: 194348
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 66.0 33.1 99.3

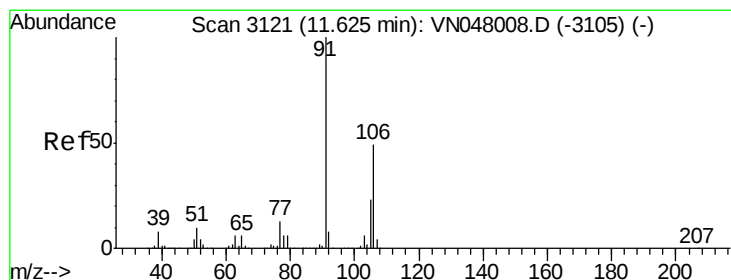
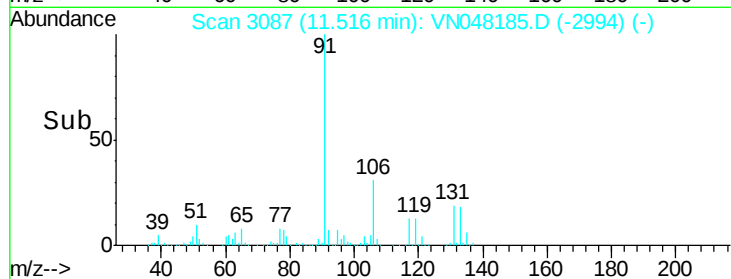
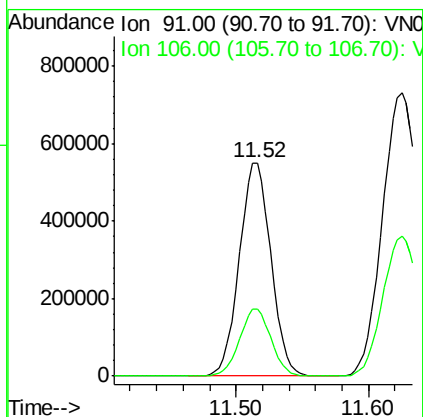
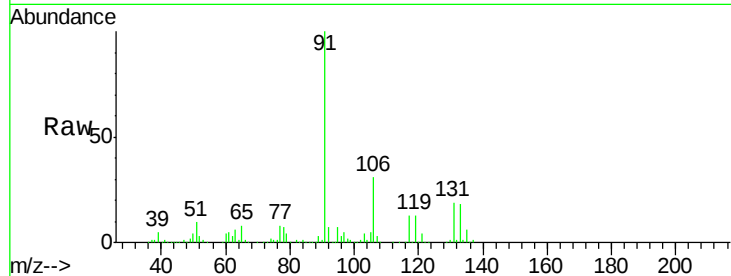




#67
Ethyl Benzene
Concen: 53.55 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

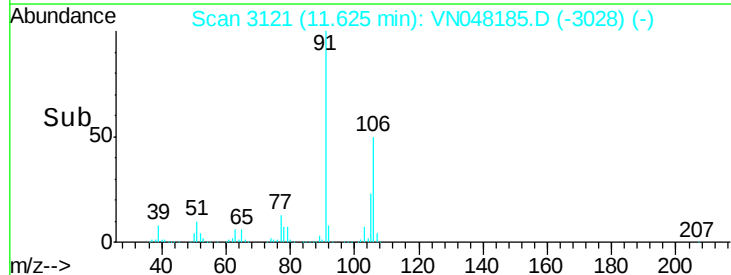
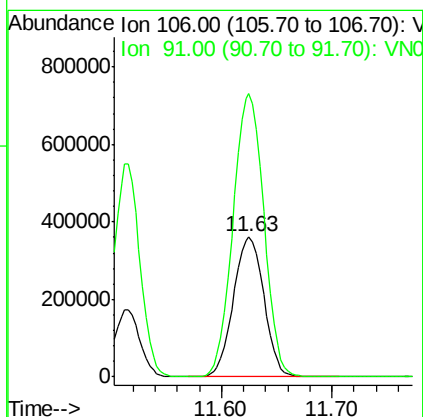
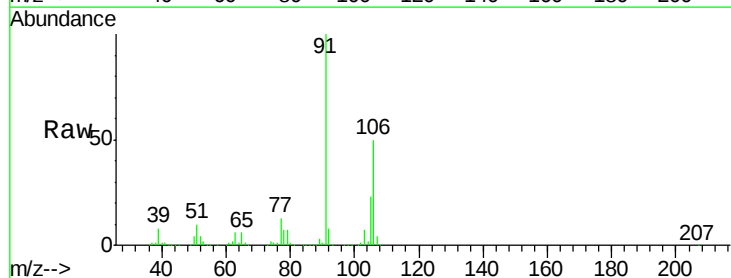
Instrument :
MSVOA_T
ClientSampled :

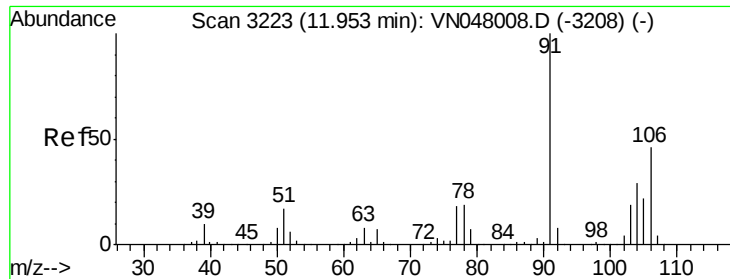
Tot Ion: 91 Resp: 911886
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 108.32 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 106 Resp: 694760
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.0

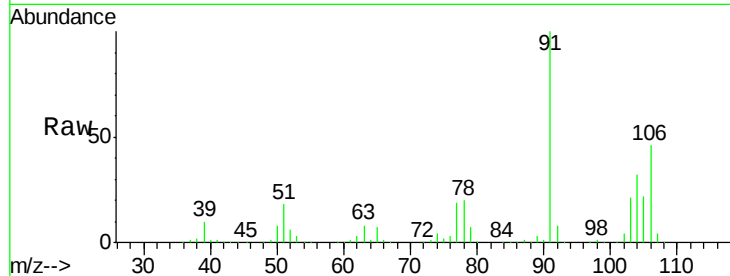




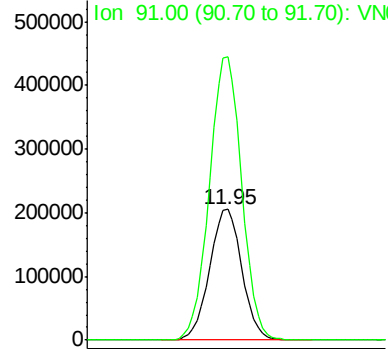
#69
o-Xylene
Concen: 53.12 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Instrument :
MSVOA_T
ClientSampleId :

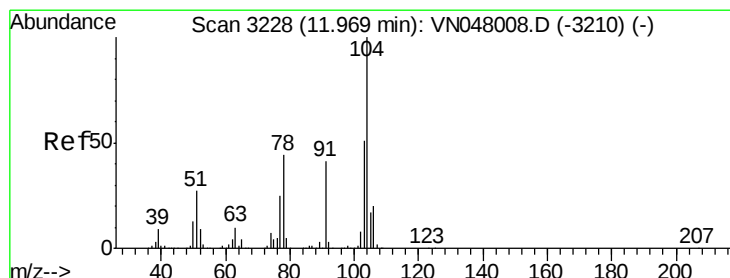
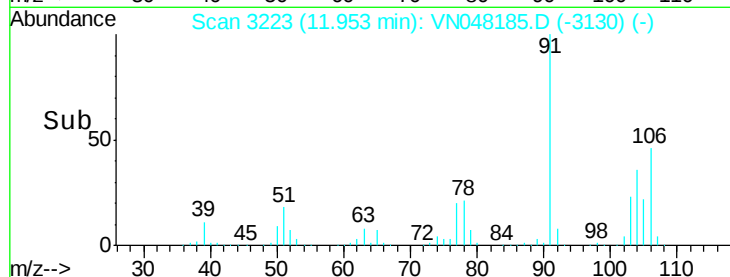
Tot Ion:106 Resp: 337079
Ion Ratio Lower Upper
106 100
91 216.5 107.9 323.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

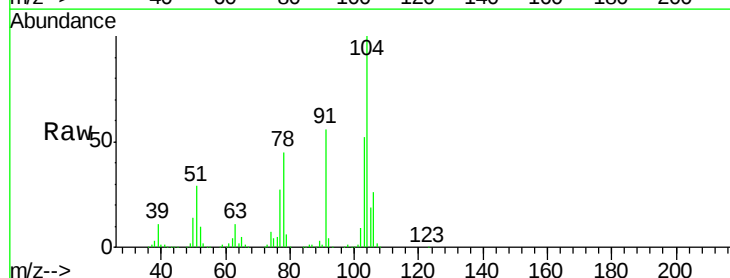


Time--> 11.90 11.95 12.00 12.05

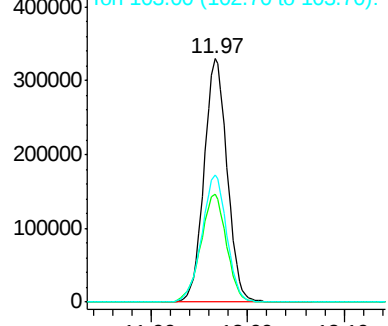


#70
Styrene
Concen: 55.33 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

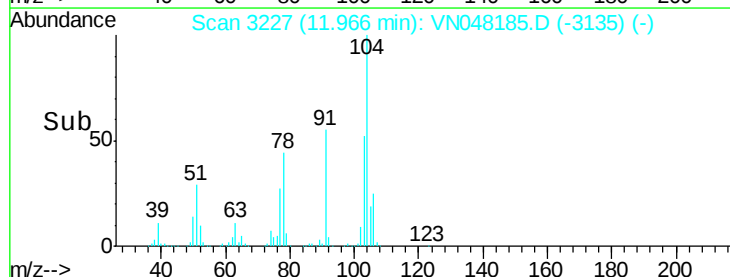
Tgt Ion:104 Resp: 548517
Ion Ratio Lower Upper
104 100
78 49.3 39.8 59.8
103 56.1 44.6 66.8

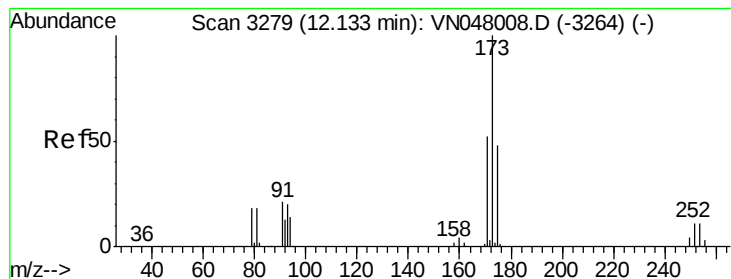


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



Time--> 11.90 12.00 12.10





#71

Bromoform

Concen: 53.33 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampled :

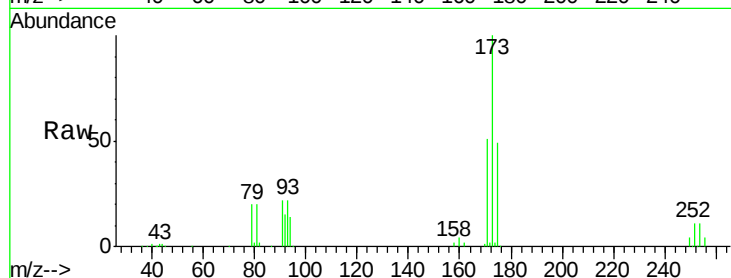
Tot Ion:173 Resp: 137053

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.8

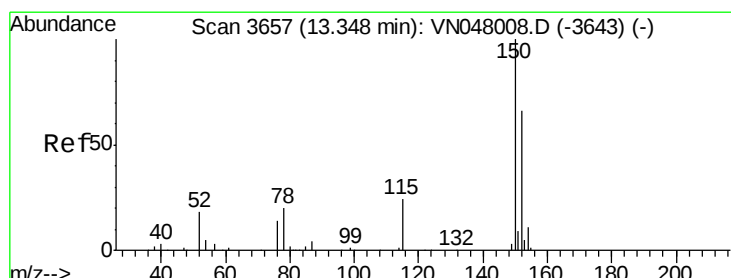
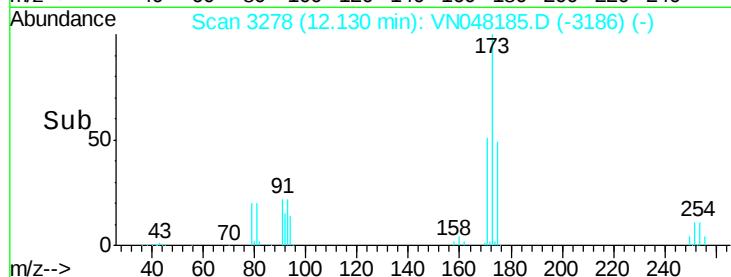
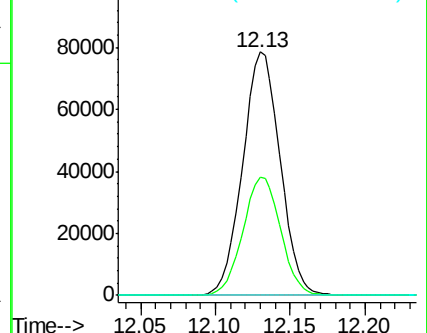
254 0.0 0.0 0.0



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# 3657

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

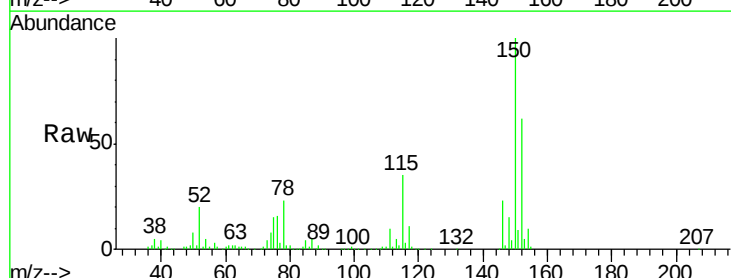
Tgt Ion:152 Resp: 201103

Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.4

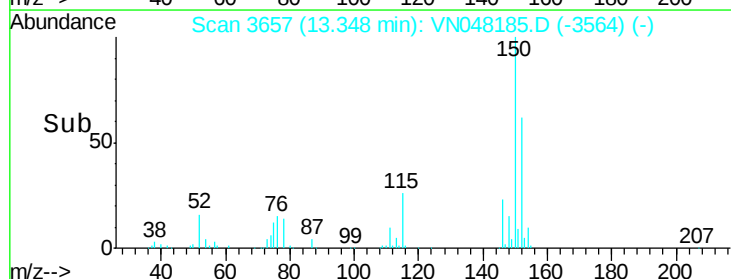
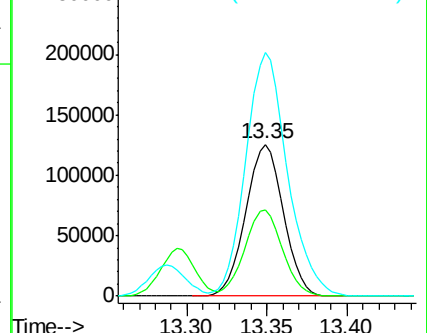
150 178.5 0.0 353.0

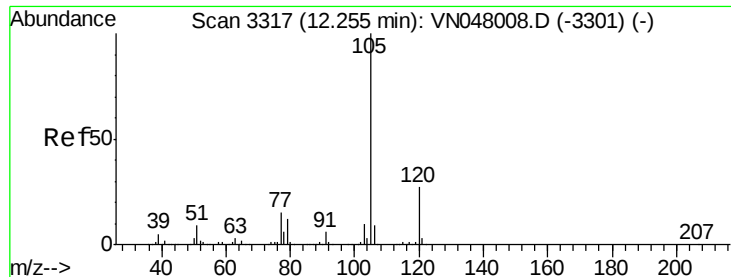


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

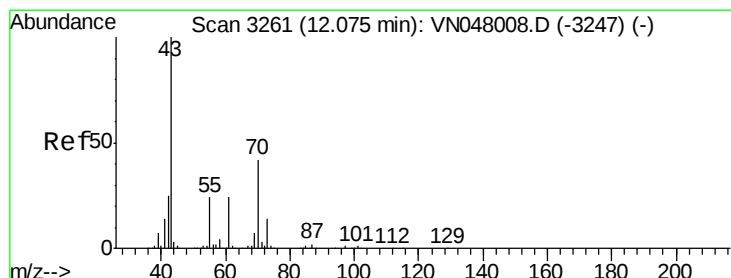
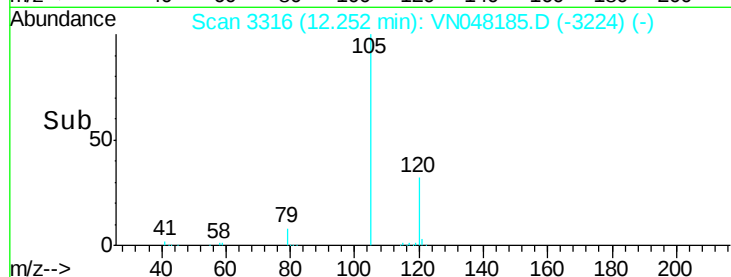
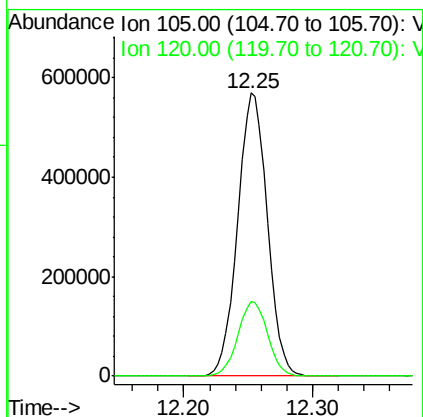
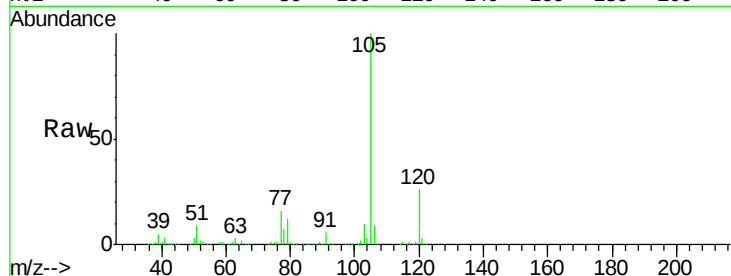




#73
Isopropylbenzene
Concen: 49.59 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

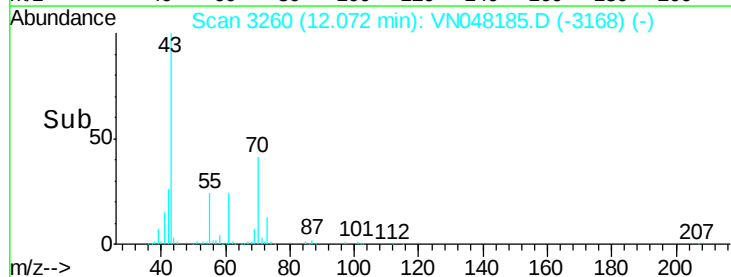
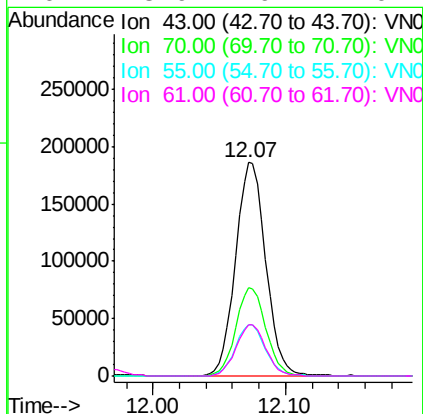
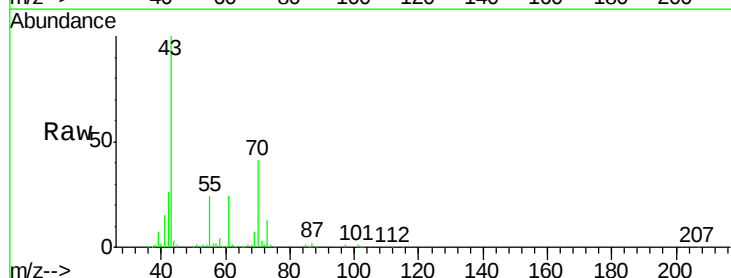
Instrument :
MSVOA_T
ClientSampleId :

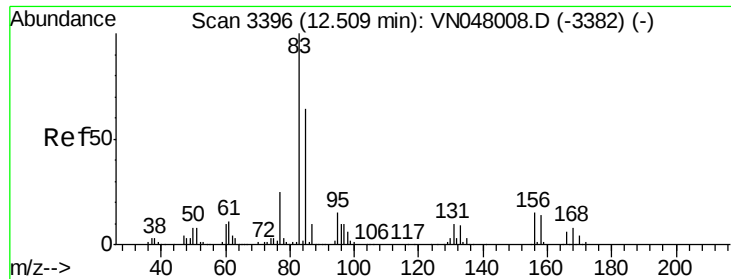
Tot Ion:105 Resp: 909793
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 50.37 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 43 Resp: 293733
Ion Ratio Lower Upper
43 100
70 41.4 33.7 50.5
55 24.1 19.3 28.9
61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.44 ug/l

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampleId :

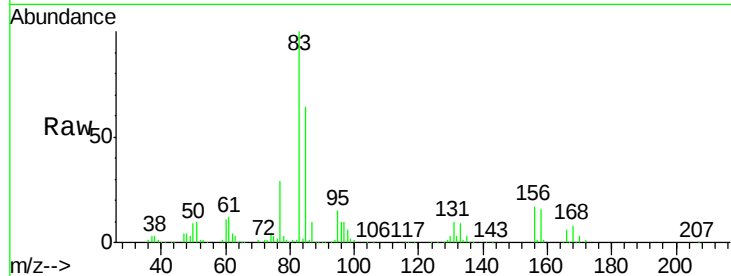
Tot Ion: 83 Resp: 242008

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

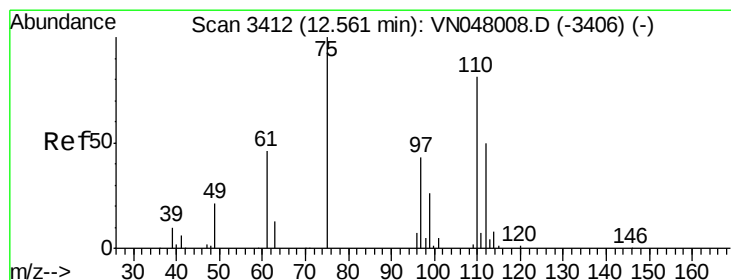
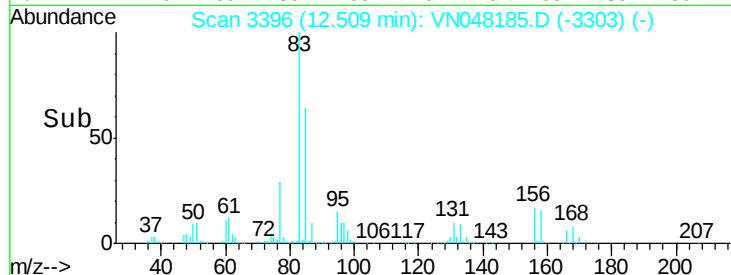
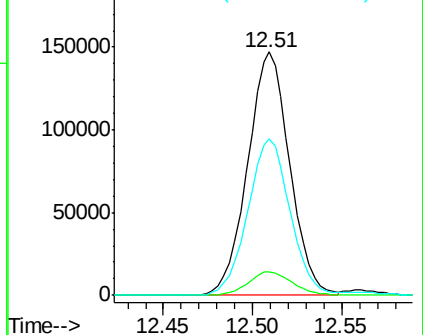
85 64.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN048185.D (-3303) (-)

Ion 130.80 (130.50 to 131.50): VN048185.D (-3303) (-)

Ion 84.90 (84.60 to 85.60): VN048185.D (-3303) (-)



#76

1,2,3-Trichloropropane

Concen: 89.56 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN048185.D

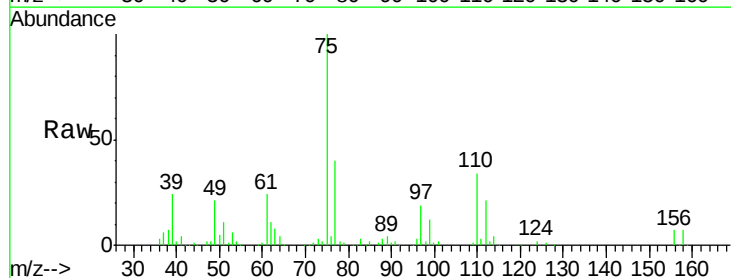
Acq: 10 May 2018 11:37

Tgt Ion: 75 Resp: 293496

Ion Ratio Lower Upper

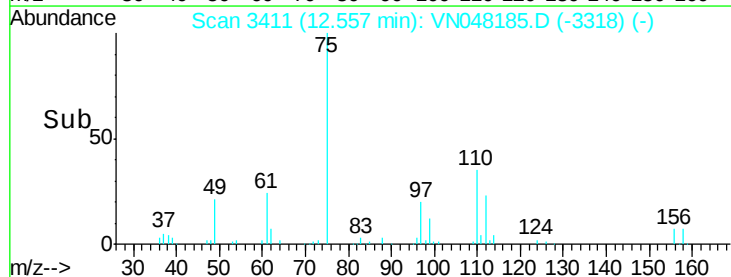
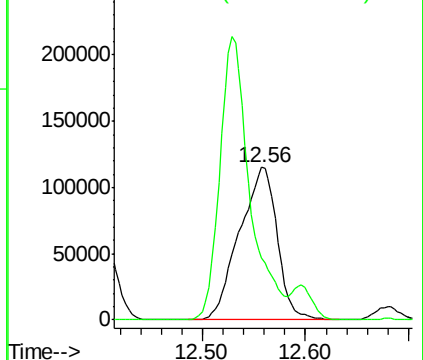
75 100

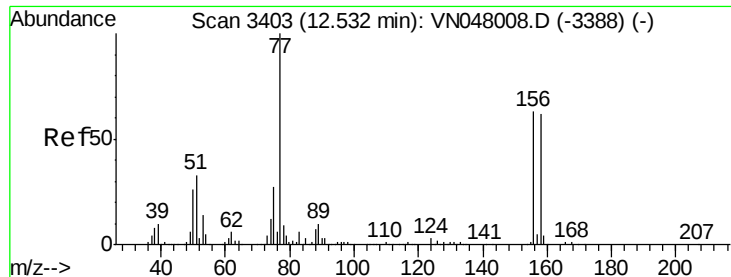
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN048185.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN048185.D (-3318) (-)





#77

Bromobenzene

Concen: 53.53 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampled :

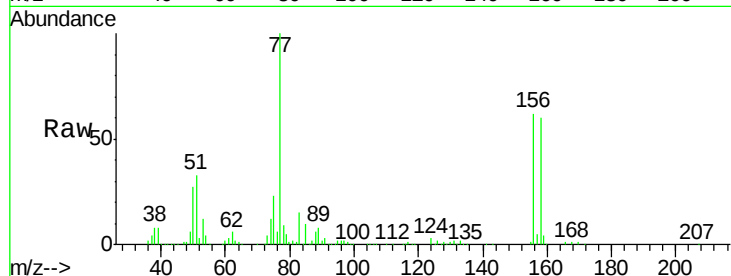
Tot Ion:156 Resp: 226538

Ion Ratio Lower Upper

156 100

77 190.4 93.3 280.1

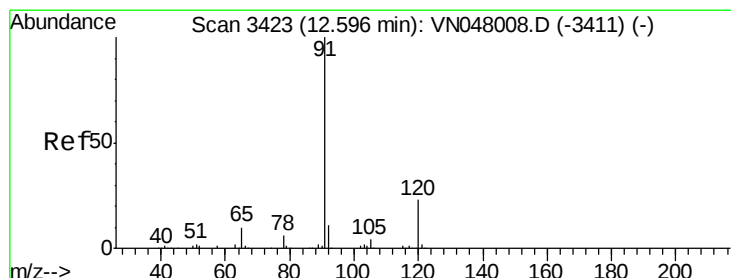
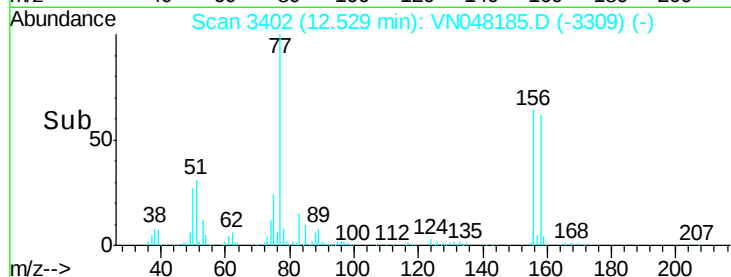
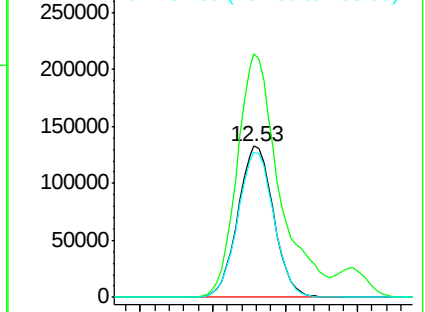
158 97.0 48.9 146.6



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: 51.85 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN048185.D

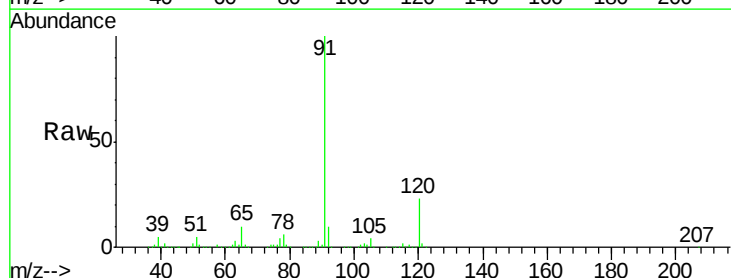
Acq: 10 May 2018 11:37

Tgt Ion: 91 Resp: 1067788

Ion Ratio Lower Upper

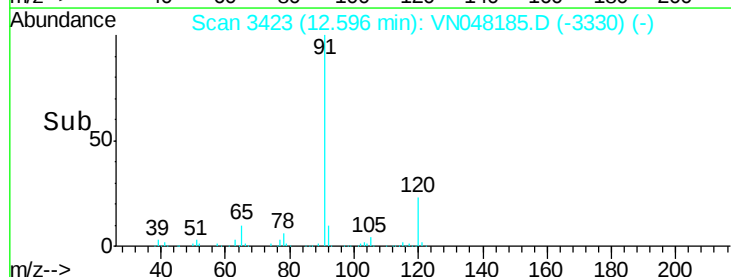
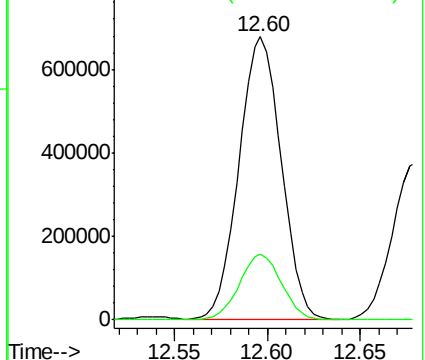
91 100

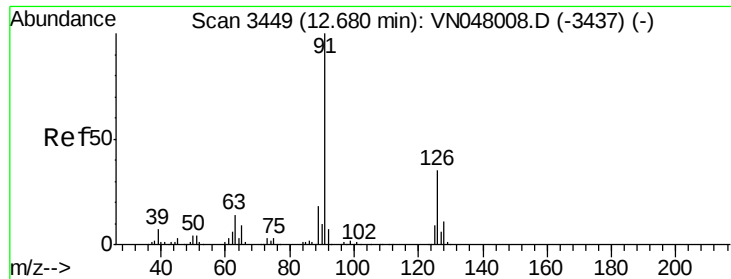
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.06 ug/l

RT: 12.68 min Scan# 3449

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

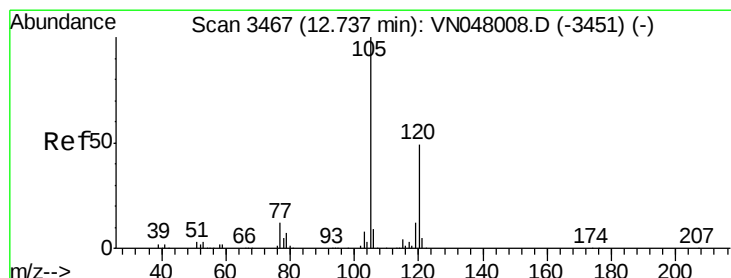
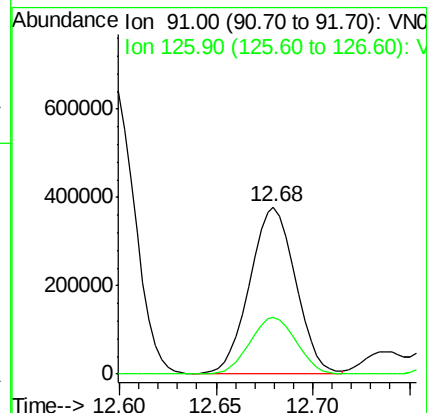
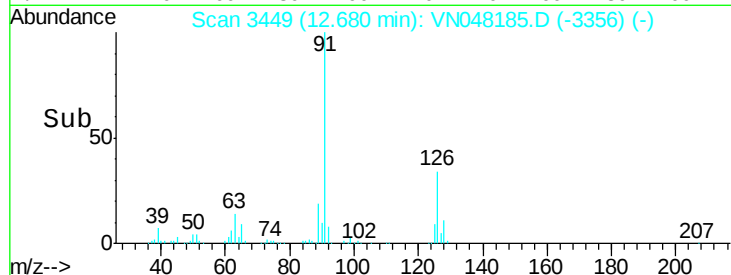
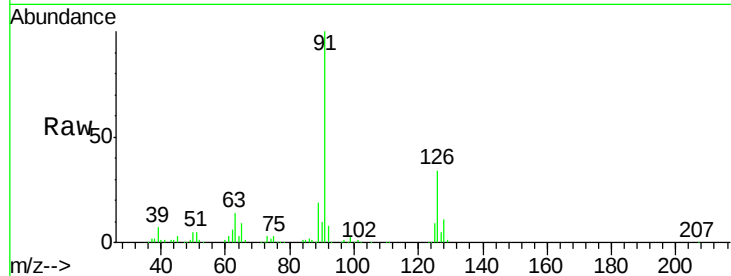
ClientSampleId :

Tot Ion: 91 Resp: 622870

Ion Ratio Lower Upper

91 100

126 34.5 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 50.76 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN048185.D

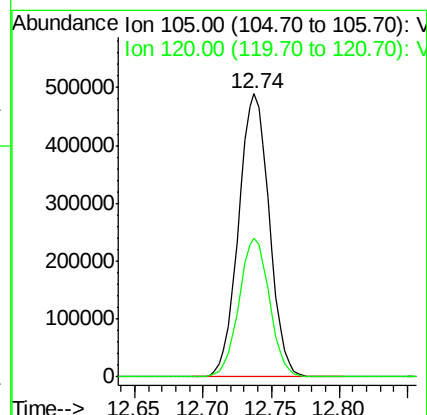
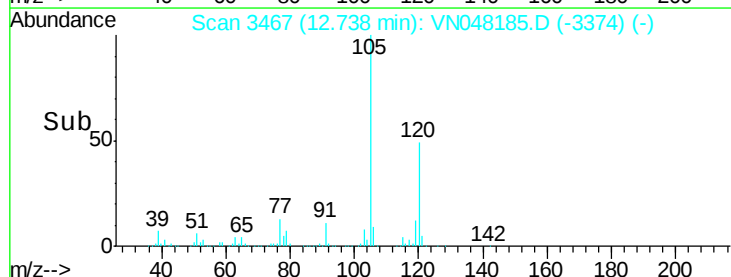
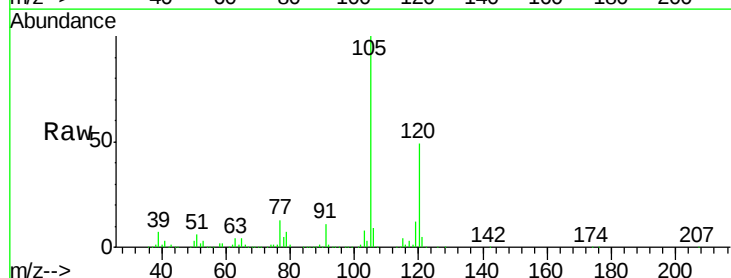
Acq: 10 May 2018 11:37

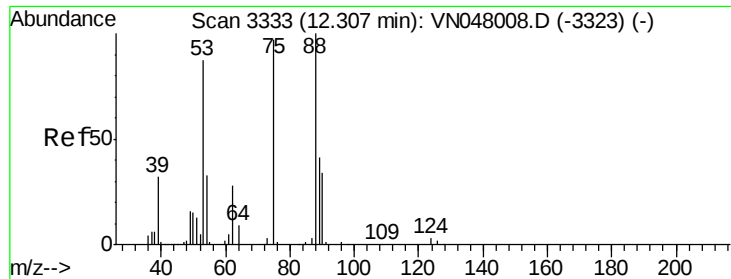
Tgt Ion: 105 Resp: 762745

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.11 ug/l

RT: 12.31 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampleId :

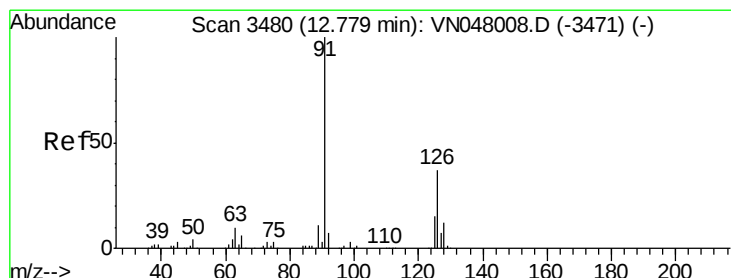
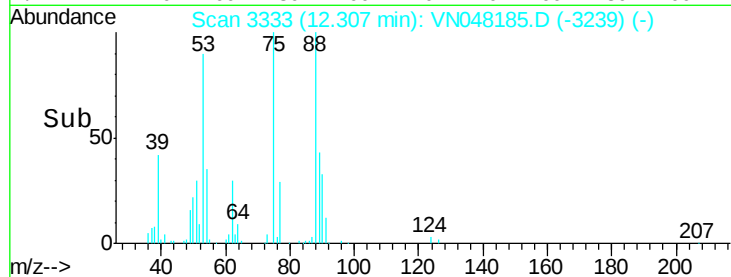
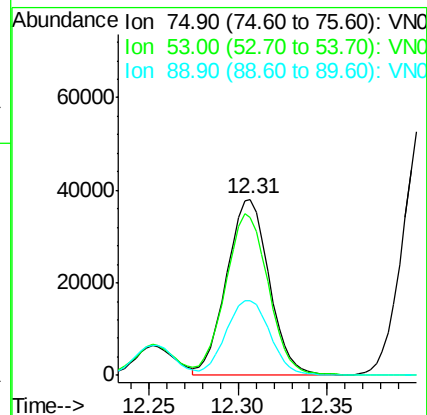
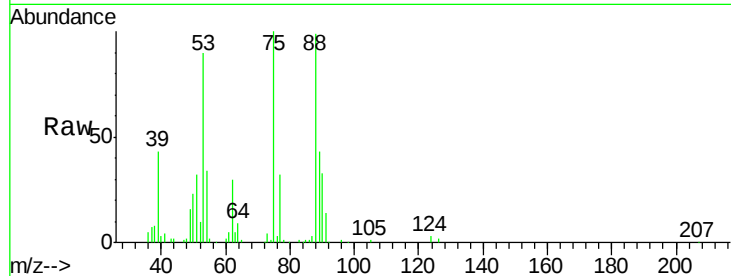
Tot Ion: 75 Resp: 63194

Ion Ratio Lower Upper

75 100

53 92.5 72.0 108.0

89 43.8 35.2 52.8



#82

4-Chlorotoluene

Concen: 51.53 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. -0.00 min

Lab File: VN048185.D

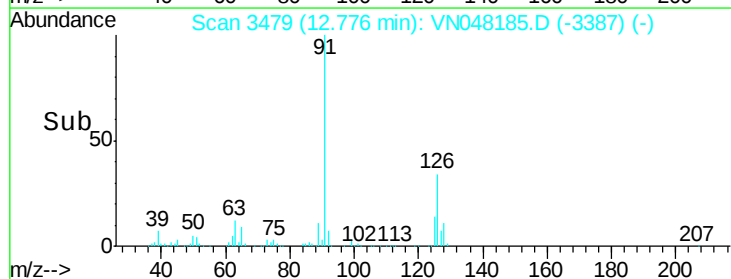
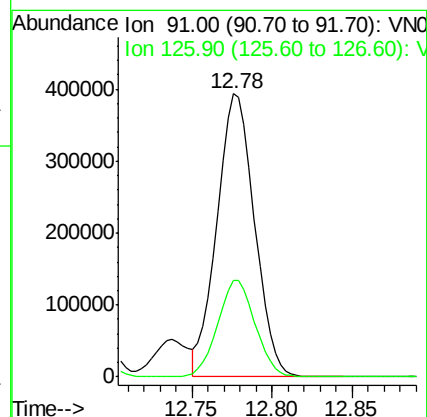
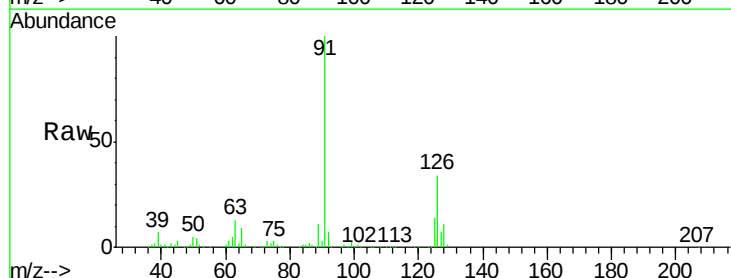
Acq: 10 May 2018 11:37

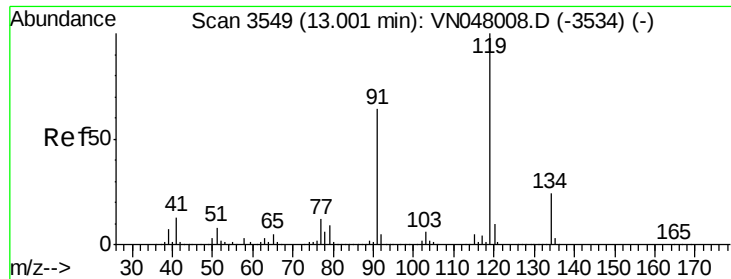
Tgt Ion: 91 Resp: 637331

Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.6

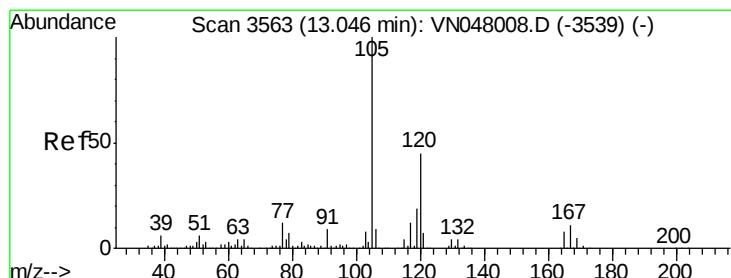
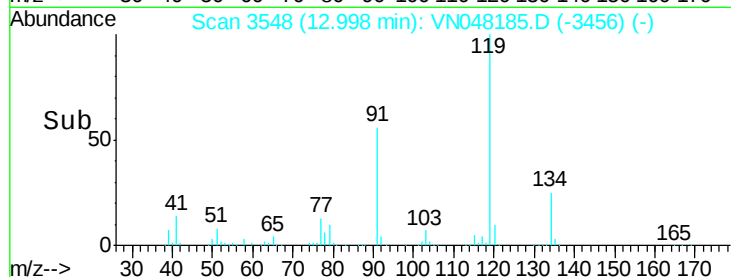
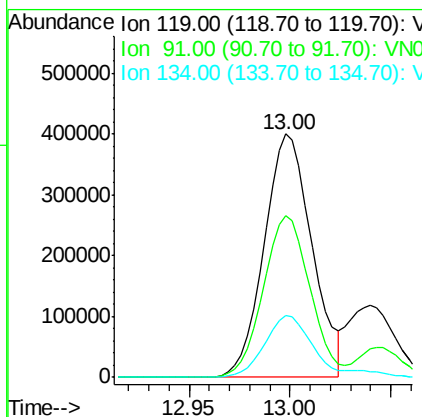
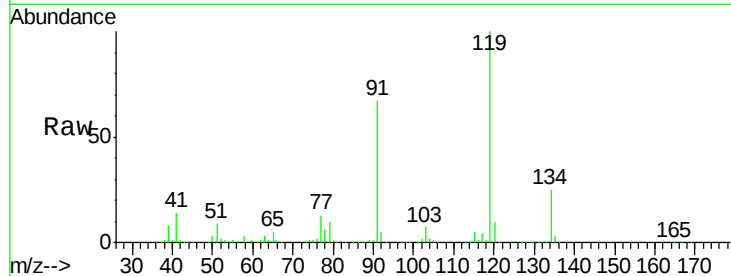




#83
 tert-Butylbenzene
 Concen: 48.75 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

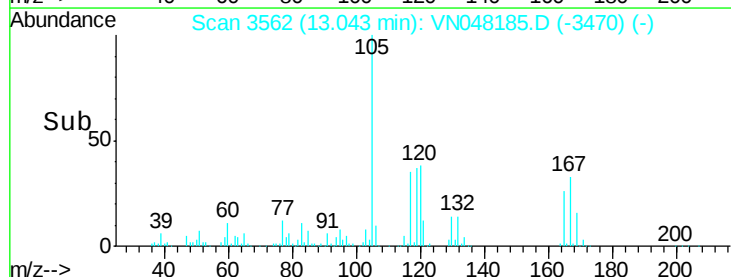
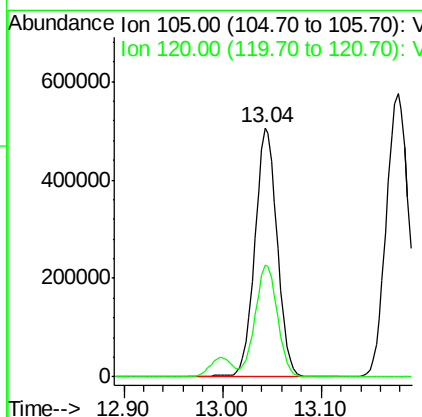
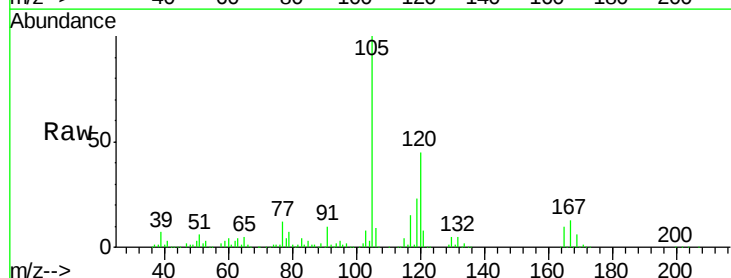
Instrument :
 MSVOA_T
 ClientSampleId :

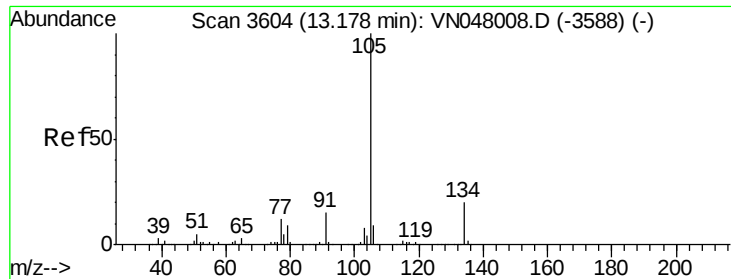
Tot Ion:119 Resp: 658606
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.2 96.6
 134 26.9 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.11 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion:105 Resp: 783896
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.0

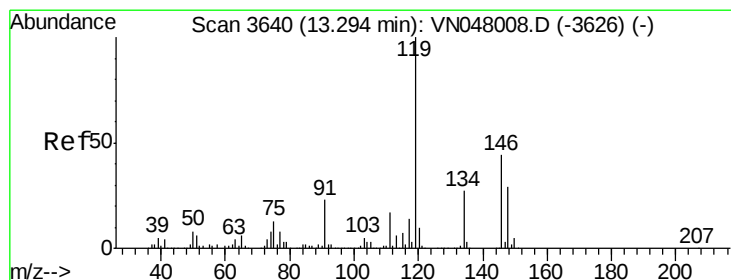
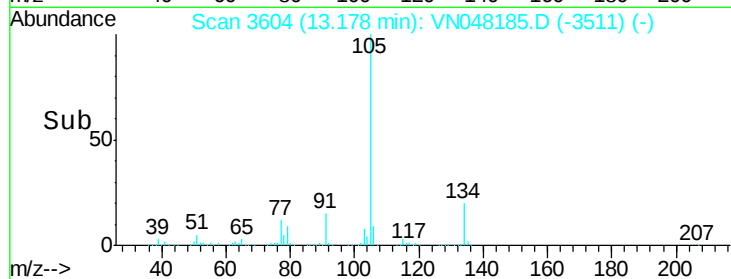
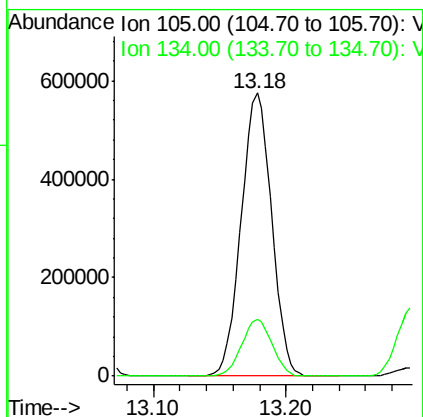
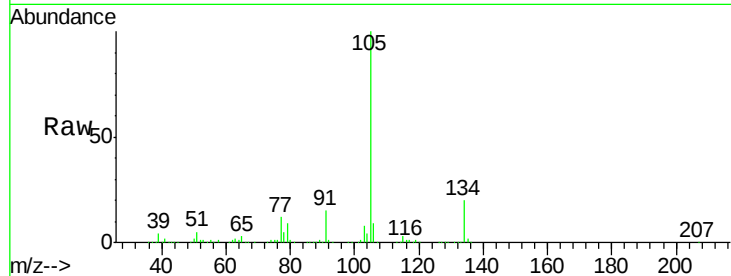




#85
 sec-Butylbenzene
 Concen: 50.75 ug/l
 RT: 13.18 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

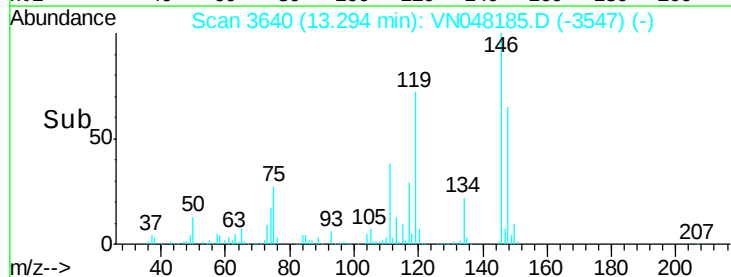
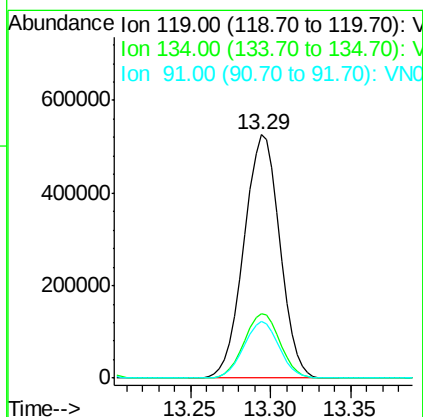
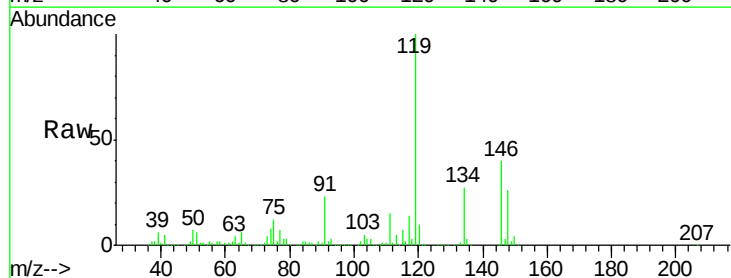
Instrument :
 MSVOA_T
 ClientSampleId :

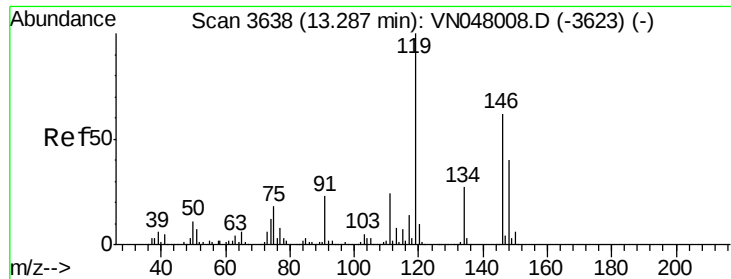
Tot Ion:105 Resp: 916358
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 51.15 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion:119 Resp: 801417
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 22.8 11.4 34.2

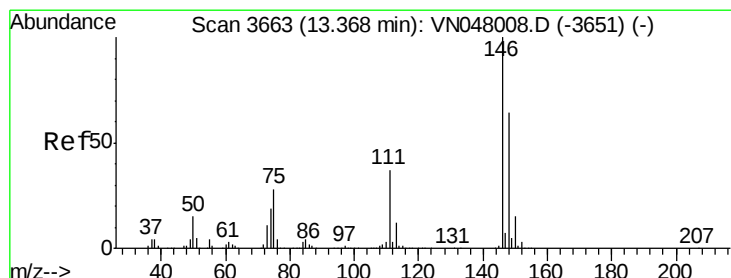
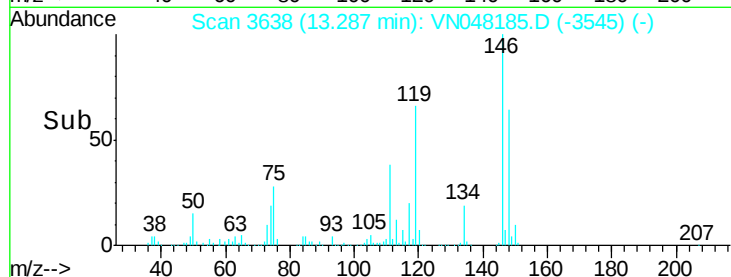
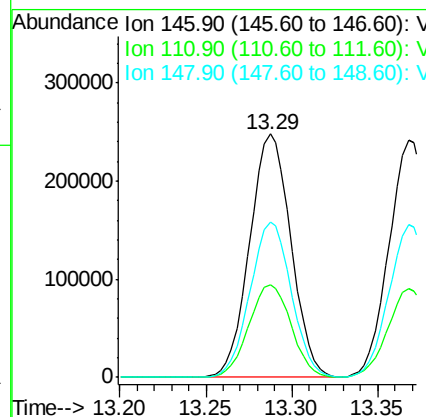
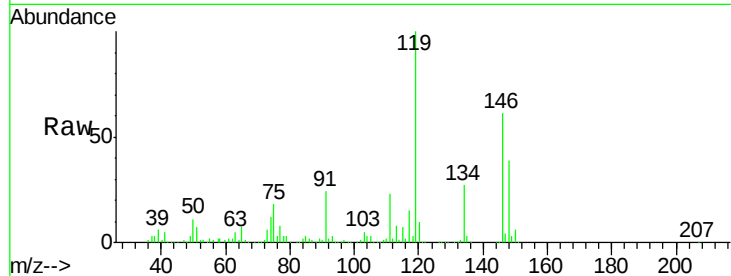




#87
 1,3-Dichlorobenzene
 Concen: 51.19 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

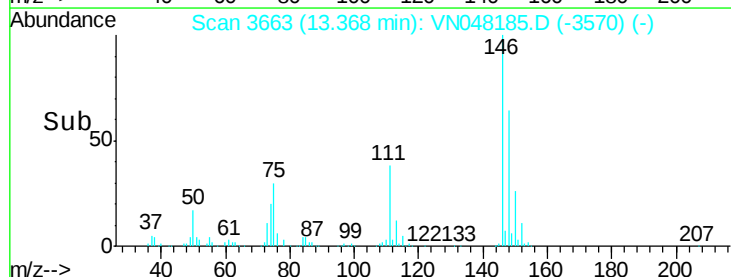
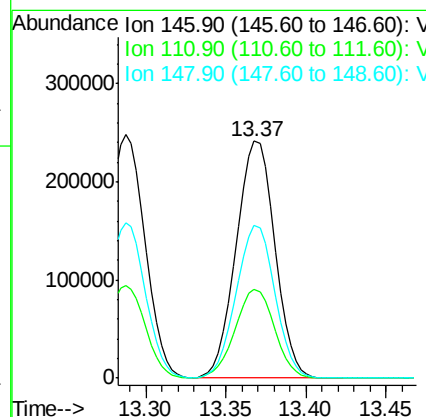
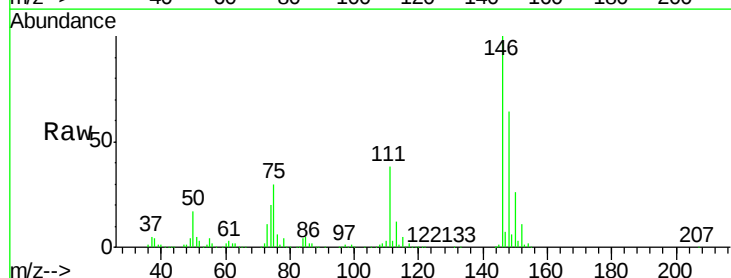
Instrument :
 MSVOA_T
 ClientSampleId :

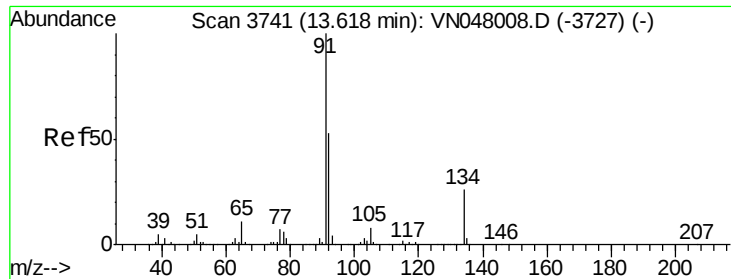
Tot Ion:146 Resp: 411632
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.9
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.60 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion:146 Resp: 398988
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.5
 148 64.3 32.2 96.6

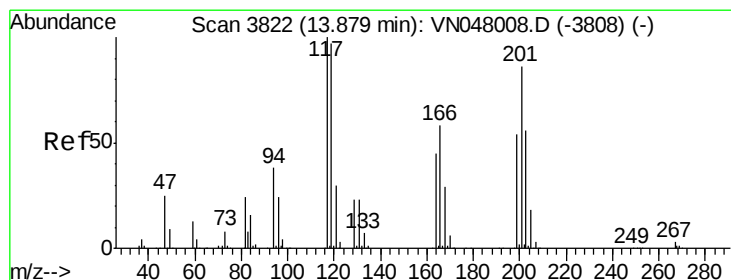
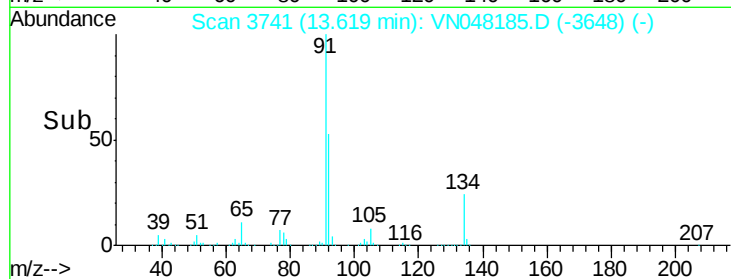
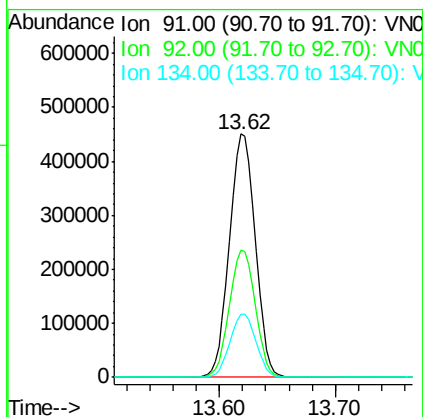
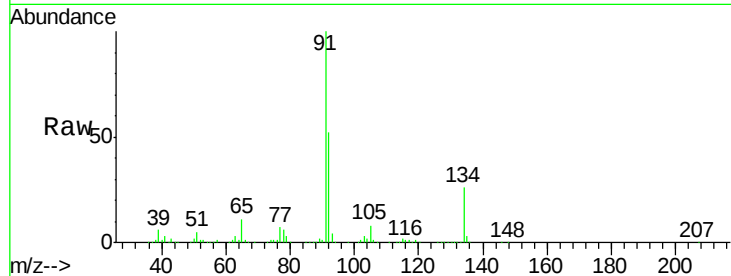




#89
n-Butylbenzene
Concen: 53.17 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

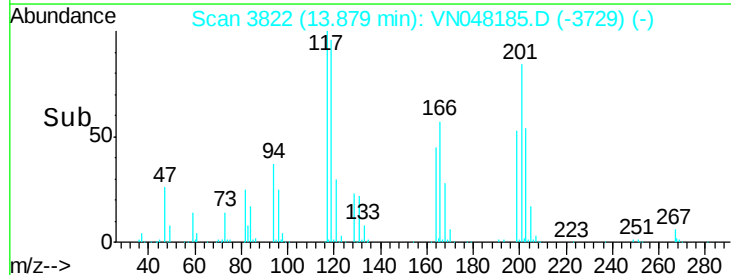
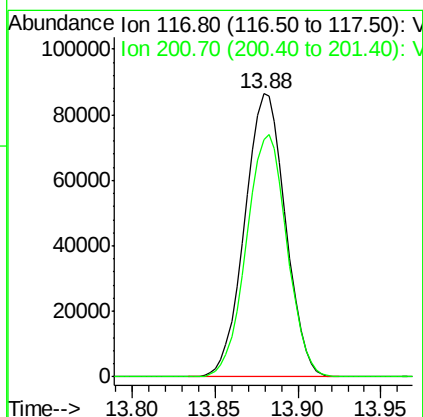
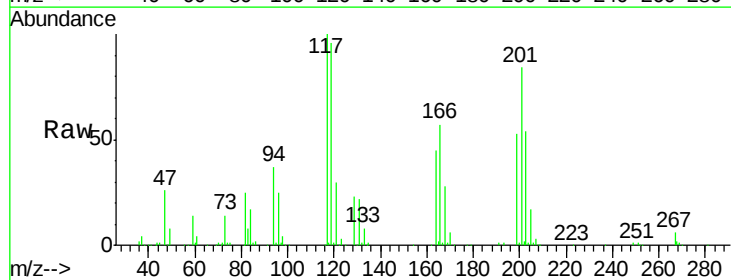
Instrument :
MSVOA_T
ClientSampleId :

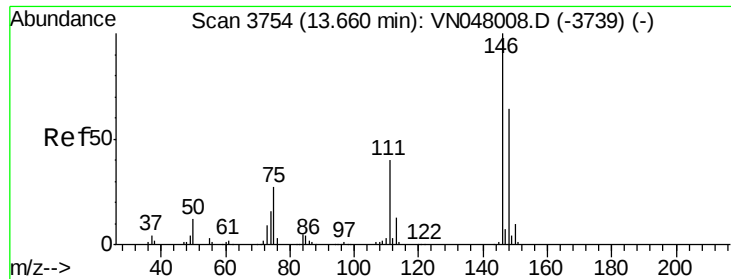
Tot Ion: 91 Resp: 689250
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.9
134 26.0 13.5 40.4



#90
Hexachloroethane
Concen: 53.33 ug/l
RT: 13.88 min Scan# 3822
Delta R.T. 0.00 min
Lab File: VN048185.D
Acq: 10 May 2018 11:37

Tgt Ion: 117 Resp: 147409
Ion Ratio Lower Upper
117 100
201 85.3 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 50.59 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampleId :

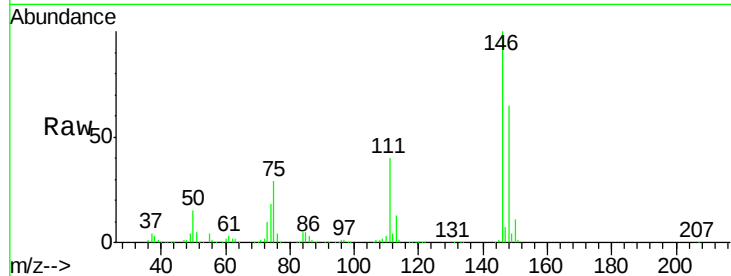
Tot Ion:146 Resp: 401571

Ion Ratio Lower Upper

146 100

111 40.0 19.9 59.6

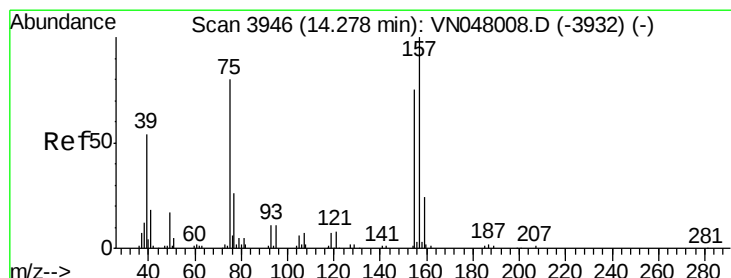
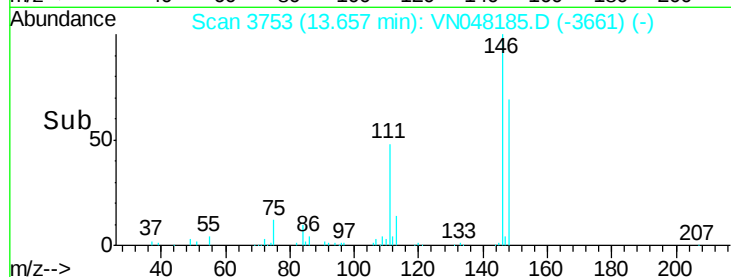
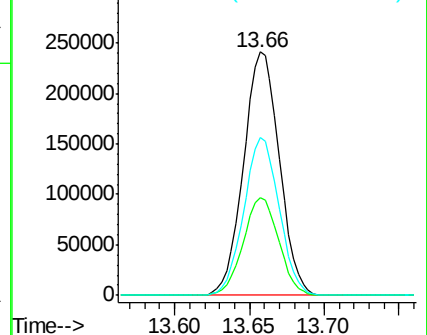
148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.06 ug/l

RT: 14.28 min Scan# 3946

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

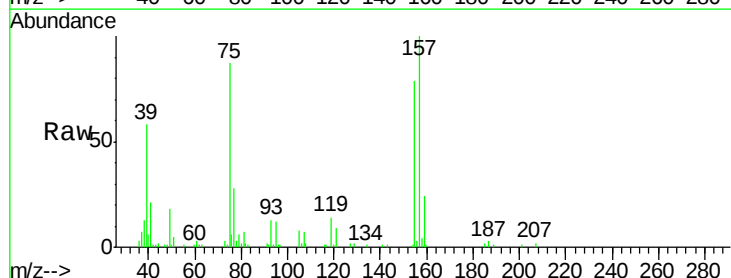
Tgt Ion: 75 Resp: 36947

Ion Ratio Lower Upper

75 100

155 90.9 47.1 141.4

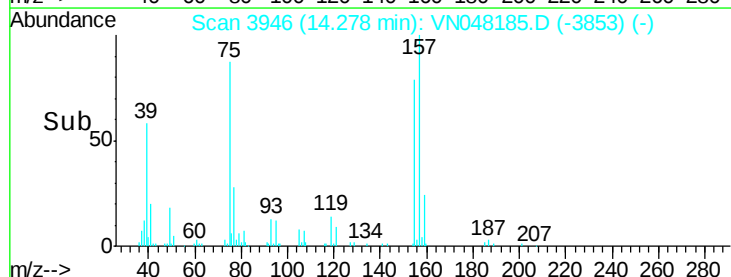
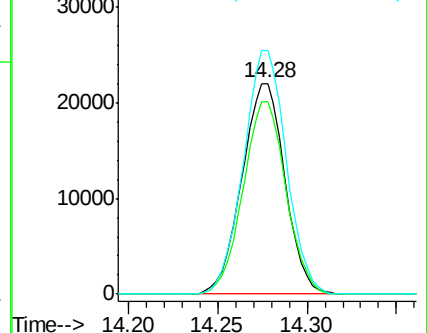
157 115.4 60.9 182.6

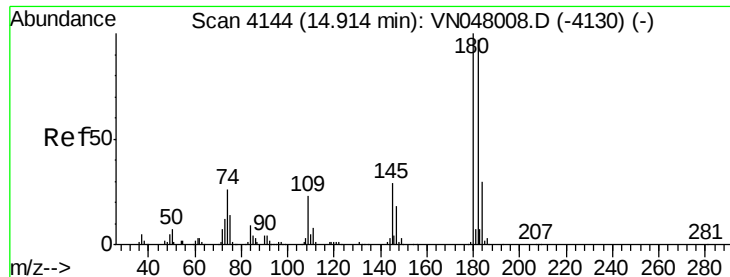


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

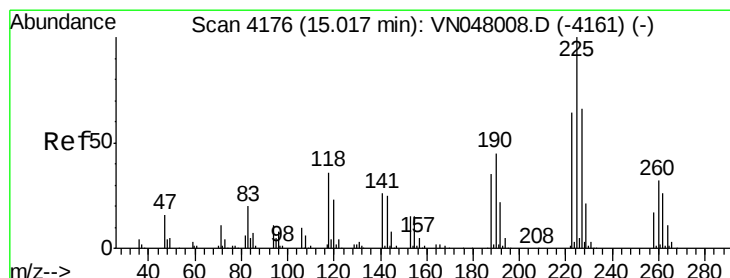
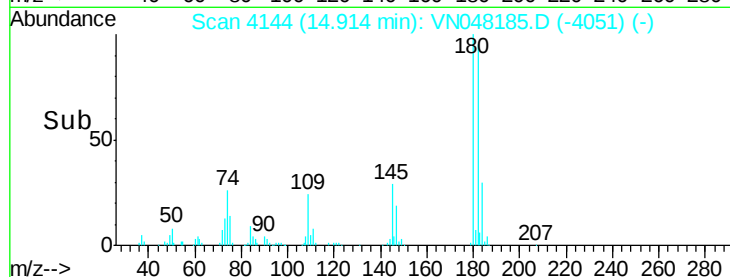
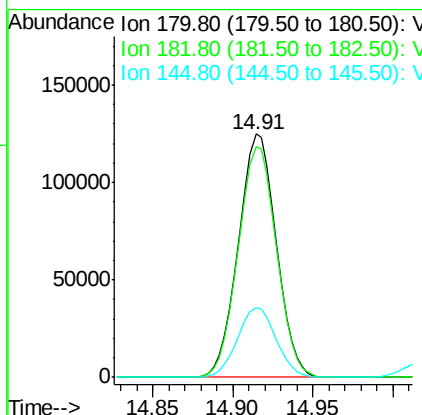
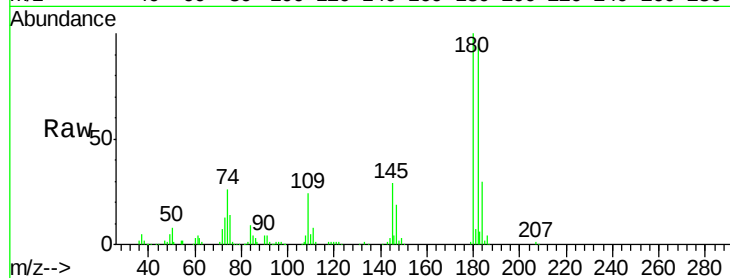




#93
 1,2,4-Trichlorobenzene
 Concen: 47.66 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

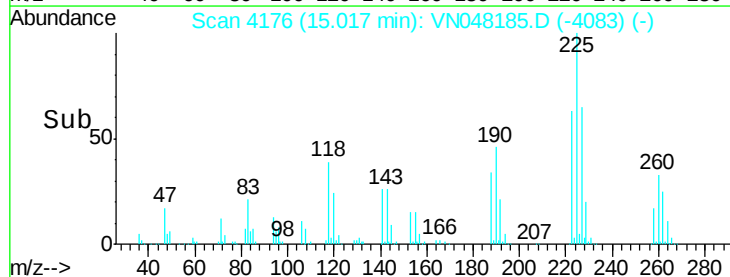
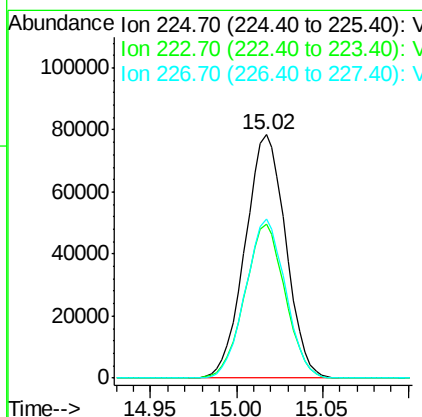
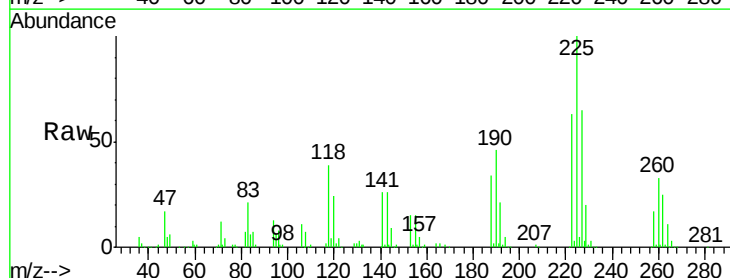
Instrument :
 MSVOA_T
 ClientSampleId :

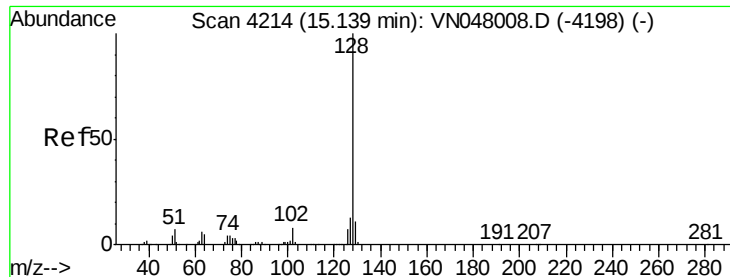
Tot Ion:180 Resp: 201085
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.8
 145 29.1 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 50.81 ug/l
 RT: 15.02 min Scan# 4176
 Delta R.T. 0.00 min
 Lab File: VN048185.D
 Acq: 10 May 2018 11:37

Tgt Ion:225 Resp: 128498
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.8
 227 64.1 31.9 95.5





#95

Naphthalene

Concen: 40.41 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

Instrument :

MSVOA_T

ClientSampleId :

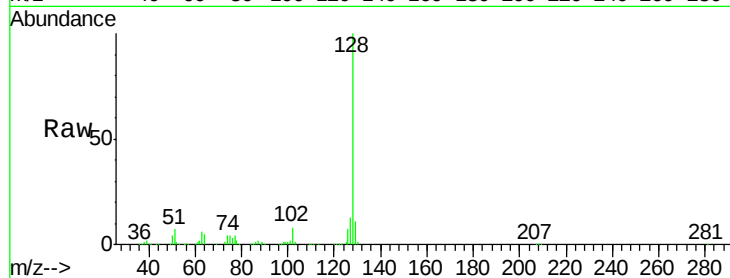
Tot Ion:128 Resp: 416154

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

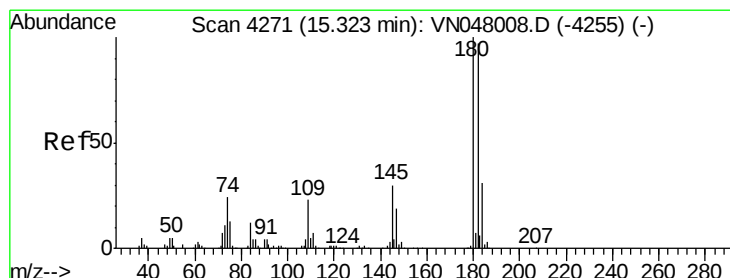
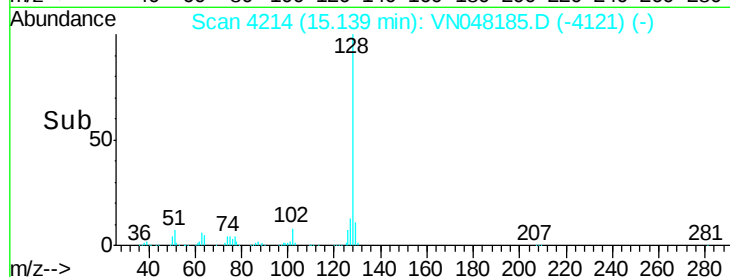
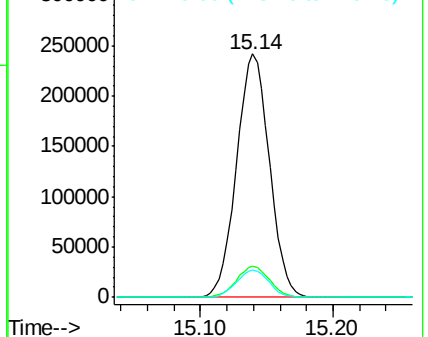
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.07 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. -0.00 min

Lab File: VN048185.D

Acq: 10 May 2018 11:37

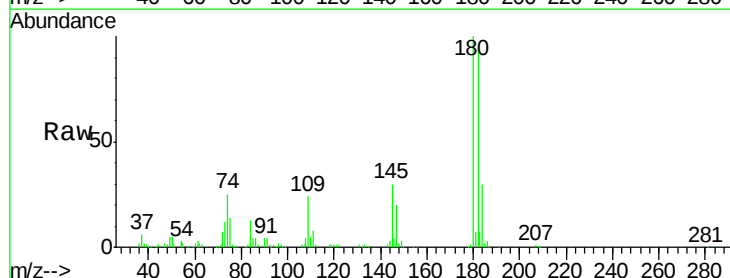
Tgt Ion:180 Resp: 196004

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

145 30.5 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

