

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050818\
 Data File : VT019044.D
 Acq On : 8 May 2018 19:19
 Operator : SY/MD
 Sample : VSTDIC075
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC075

Quant Time: May 09 04:14:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 03:54:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	1157888	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1938269	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1712823	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	818733	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	788583	83.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.50%	
34) Dibromofluoromethane	7.35	113	785991	74.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.76%	
49) Toluene-d8	9.90	98	3509760	76.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.12%	
61) 4-Bromofluorobenzene	12.22	95	1339677	83.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	167.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	1062052	98.65	ug/l	93
3) Chloromethane	1.96	50	369426	37.15	ug/l	99
4) Vinyl Chloride	2.11	62	608343	56.96	ug/l	98
5) Bromomethane	2.46	94	480000	80.37	ug/l	97
6) Chloroethane	2.57	64	357401	64.32	ug/l	94
7) Trichlorofluoromethane	2.93	101	1570428m	127.94	ug/l	
8) Diethyl Ether	3.21	74	225533	50.83	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.60	101	744071	70.32	ug/l	99
10) Methyl Iodide	3.77	142	1086236	66.11	ug/l	95
11) Tert butyl alcohol	4.55	59	174426	344.31	ug/l	99
12) 1,1-Dichloroethene	3.57	96	663879	60.65	ug/l	98
13) Acrolein	3.40	56	76584	109.54	ug/l	99
14) Allyl chloride	4.06	41	1406684	73.47	ug/l	96
15) Acrylonitrile	4.70	53	736802	321.65	ug/l	98
16) Acetone	3.59	43	350263	153.14	ug/l	94
17) Carbon Disulfide	4.06	76	2568019m	85.37	ug/l	
18) Methyl Acetate	4.08	43	390378	40.03	ug/l	96
19) Methyl tert-butyl Ether	4.76	73	1644454	79.34	ug/l	96
20) Methylene Chloride	4.32	84	807684	63.38	ug/l	100
21) trans-1,2-Dichloroethene	4.74	96	961280	81.69	ug/l	93
22) Diisopropyl ether	5.67	45	2673683	79.06	ug/l	99
23) Vinyl Acetate	5.61	43	5872538	467.26	ug/l	99
24) 1,1-Dichloroethane	5.56	63	1815670	90.78	ug/l	98
25) 2-Butanone	6.57	43	859816	275.34	ug/l	98
26) 2,2-Dichloropropane	6.55	77	718173	76.28	ug/l	96
27) cis-1,2-Dichloroethene	6.56	96	961975	83.72	ug/l	96
28) Bromochloromethane	6.94	49	602054	73.64	ug/l	96
29) Chloroform	7.13	83	1670392	91.20	ug/l	95
30) Cyclohexane	7.43	56	1983763	87.15	ug/l	95
31) 1,1,1-Trichloroethane	7.33	97	1338623	95.49	ug/l	94
35) 1,1-Dichloropropene	7.56	75	1570036	81.99	ug/l	98
36) Ethyl Acetate	6.67	43	379812	53.66	ug/l	97
37) Carbon Tetrachloride	7.54	117	1286546	80.30	ug/l	98
38) Methylcyclohexane	8.88	83	1925843	78.70	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	4021143	75.97	ug/l	97
40) Methacrylonitrile	6.92	41	242669	58.08	ug/l	92
41) 1,2-Dichloroethane	7.91	62	862143	67.70	ug/l	99
42) Isopropyl Acetate	7.96	43	699028	60.23	ug/l	100
43) Trichloroethene	8.63	130	924402	68.88	ug/l	96
44) 1,2-Dichloropropane	8.92	63	946468	77.18	ug/l	97
45) Dibromomethane	9.01	93	360708	67.01	ug/l	93
46) Bromodichloromethane	9.21	83	1088348	77.69	ug/l	100
47) Methyl methacrylate	9.01	41	371155	56.39	ug/l	97
48) 1,4-Dioxane	9.01	88	80471	1109.30	ug/l	95
50) 4-Methyl-2-Pentanone	9.80	43	1854076	269.31	ug/l	97
51) Toluene	9.97	92	2417401	73.65	ug/l	96
52) t-1,3-Dichloropropene	10.19	75	1045237	77.44	ug/l	95
53) cis-1,3-Dichloropropene	9.65	75	1327379	77.91	ug/l	96
54) 1,1,2-Trichloroethane	10.38	97	541738	67.39	ug/l	99
55) Ethyl methacrylate	10.25	69	731681	74.62	ug/l	98
56) 1,3-Dichloropropane	10.53	76	1021703	73.22	ug/l	97
57) 2-Chloroethyl Vinyl ether	9.51	63	1601642	392.12	ug/l	99
58) 2-Hexanone	10.57	43	1383888	266.18	ug/l	100
59) Dibromochloromethane	10.73	129	603752	65.10	ug/l	99
60) 1,2-Dibromoethane	10.82	107	499422	67.37	ug/l	99
63) Tetrachloroethene	10.45	164	825800	66.11	ug/l	97
64) Chlorobenzene	11.25	112	2424418	65.71	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.33	131	811343	69.95	ug/l	98
66) Ethyl Benzene	11.33	91	4816757	74.83	ug/l	96
67) m/p-Xylenes	11.45	106	3551422	138.12	ug/l	94
68) o-Xylene	11.77	106	1694654	72.33	ug/l	96
69) Stvrene	11.79	104	2606880	66.83	ug/l	98
70) Bromoform	11.95	173	302062	51.20	ug/l	99
72) Isopropylbenzene	12.08	105	4787813	79.20	ug/l	98
73) N-amyl acetate	11.90	43	771852	66.78	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.32	83	656956	71.28	ug/l	98
75) 1,2,3-Trichloropropane	12.37	75	487878m	75.43	ug/l	
76) Bromobenzene	12.35	156	901588	67.15	ug/l	94
77) n-propylbenzene	12.42	91	5936913	81.39	ug/l	96
78) 2-Chlorotoluene	12.49	91	3479557	84.95	ug/l	97
79) 1,3,5-Trimethylbenzene	12.56	105	4184956	80.46	ug/l	97
80) trans-1,4-Dichloro-2-buten	12.12	75	189809	67.26	ug/l	96
81) 4-Chlorotoluene	12.60	91	4168416	84.77	ug/l	99
82) tert-Butylbenzene	12.82	119	3683166m	79.79	ug/l	
83) 1,2,4-Trimethylbenzene	12.86	105	4226087	80.50	ug/l	98
84) sec-Butylbenzene	13.00	105	5160464	78.91	ug/l	96
85) p-Isopropyltoluene	13.12	119	4416272	76.79	ug/l	99
86) 1,3-Dichlorobenzene	13.10	146	1934748	69.33	ug/l	98
87) 1,4-Dichlorobenzene	13.19	146	1862515	67.09	ug/l	99
88) n-Butylbenzene	13.44	91	4628846	86.78	ug/l	97
89) Hexachloroethane	13.70	117	783871	83.51	ug/l	98
90) 1,2-Dichlorobenzene	13.47	146	1630338	67.84	ug/l	99
91) 1,2-Dibromo-3-Chloropropan	14.09	75	98992	70.86	ug/l	91
92) 1,2,4-Trichlorobenzene	14.73	180	1104820	68.73	ug/l	96

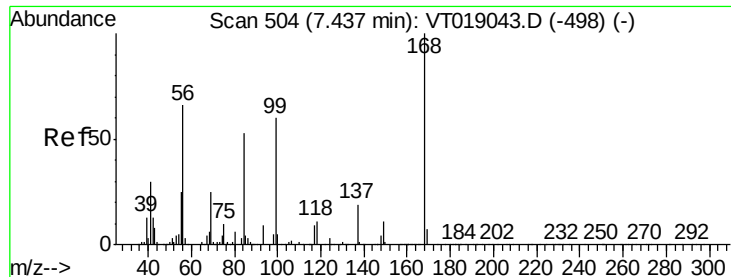
Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050818\
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Quant Title : SW846 8260
QLast Update : Wed May 09 03:54:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	826456	78.17	ug/l	95
94) Naphthalene	14.94	128	1798813	68.03	ug/l	99
95) 1,2,3-Trichlorobenzene	15.12	180	909281	66.10	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 504

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

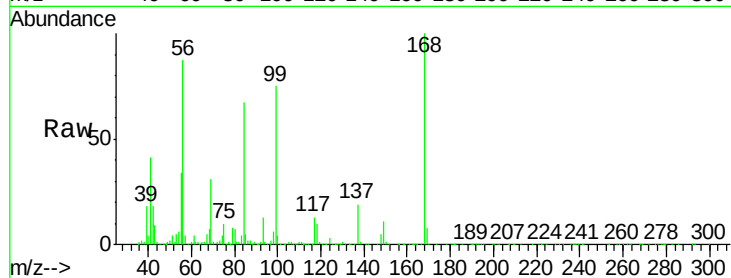
VSTDIC075

Tot Ion:168 Resp: 1157888

Ion Ratio Lower Upper

168 100

99 75.5 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.44

500000

400000

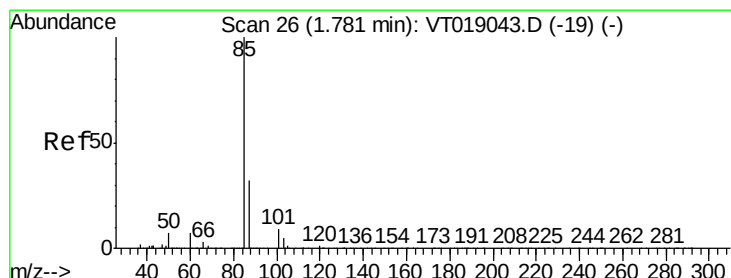
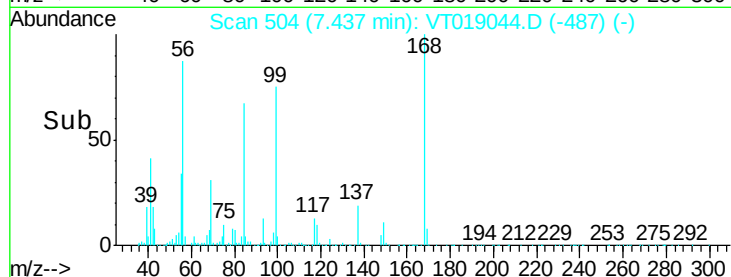
300000

200000

100000

0

Time--> 7.30 7.40 7.50



#2

Dichlorodifluoromethane

Concen: 98.65 ug/l

RT: 1.78 min Scan# 26

Delta R.T. -0.00 min

Lab File: VT019044.D

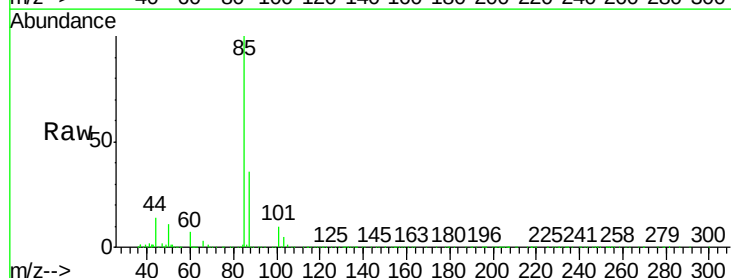
Acq: 8 May 2018 19:19

Tgt Ion: 85 Resp: 1062052

Ion Ratio Lower Upper

85 100

87 36.2 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VT0

Ion 87.00 (86.70 to 87.70): VT0

1.78

200000

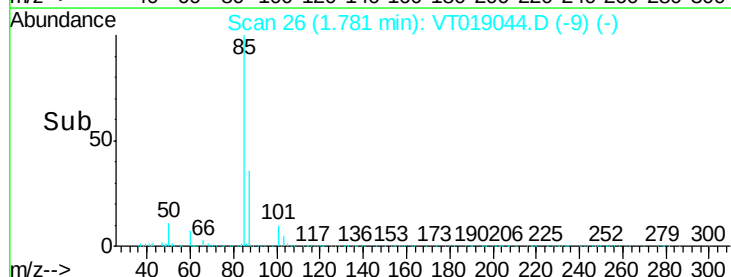
150000

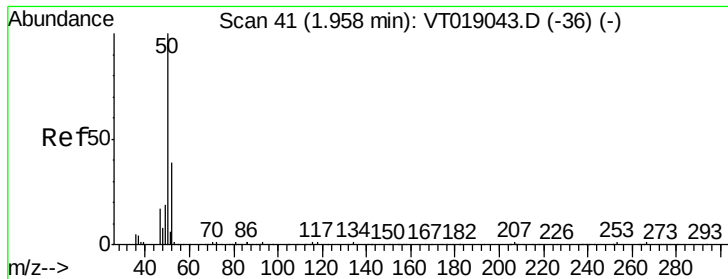
100000

50000

0

Time--> 1.60 1.70 1.80 1.90 2.00





#3

Chloromethane

Concen: 37.15 ug/l

RT: 1.96 min Scan# 41

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

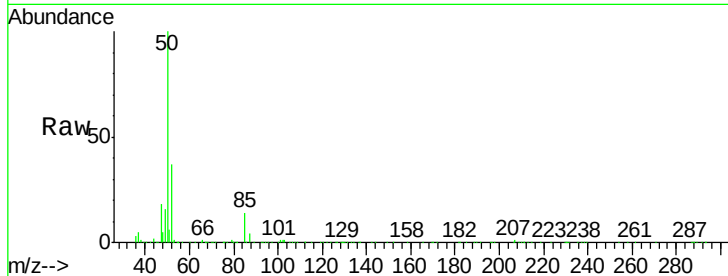
VSTDIC075

Tot Ion: 50 Resp: 369426

Ion Ratio Lower Upper

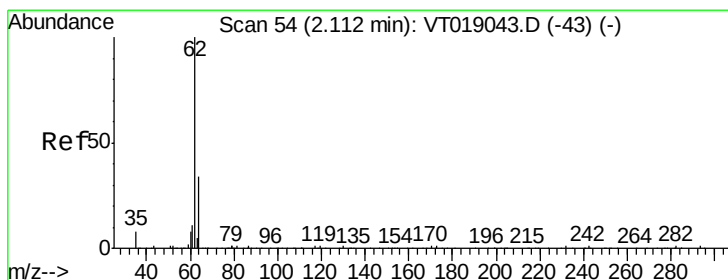
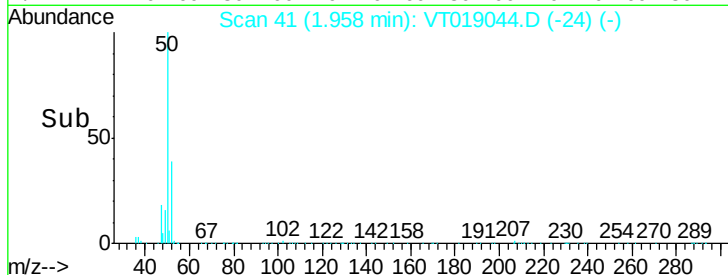
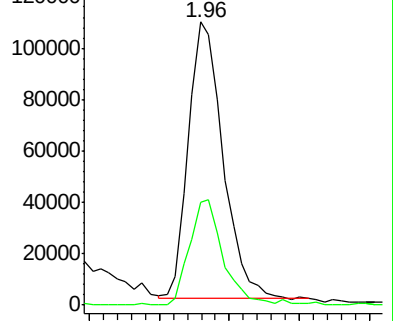
50 100

52 37.0 30.1 45.1



Abundance Ion 50.10 (49.80 to 50.80): VT0

Ion 52.10 (51.80 to 52.80): VT0



#4

Vinyl Chloride

Concen: 56.96 ug/l

RT: 2.11 min Scan# 54

Delta R.T. -0.00 min

Lab File: VT019044.D

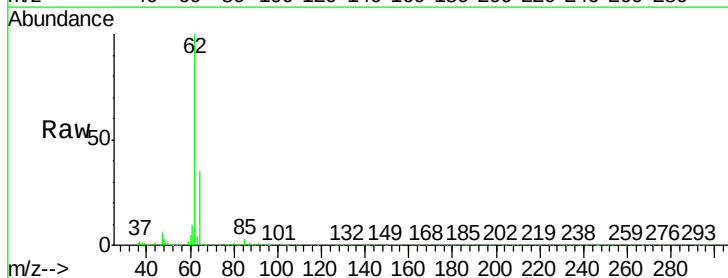
Acq: 8 May 2018 19:19

Tgt Ion: 62 Resp: 608343

Ion Ratio Lower Upper

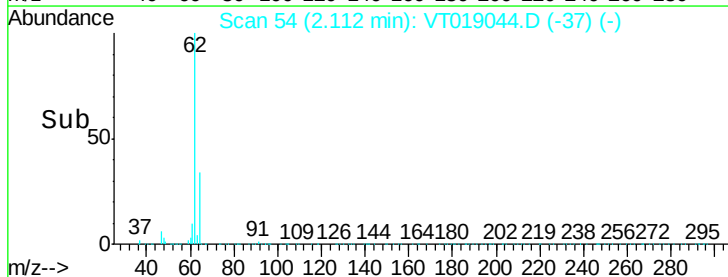
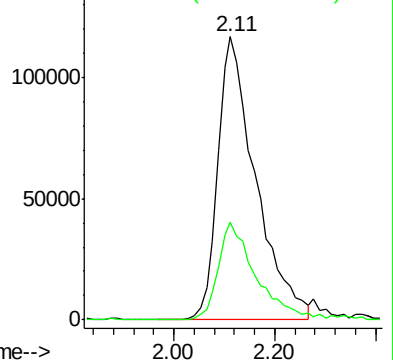
62 100

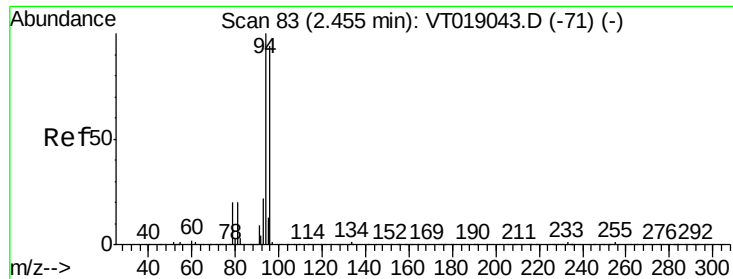
64 34.6 27.0 40.4



Abundance Ion 62.10 (61.80 to 62.80): VT0

Ion 64.00 (63.70 to 64.70): VT0





#5

Bromomethane

Concen: 80.37 ug/l

RT: 2.46 min Scan# 83

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

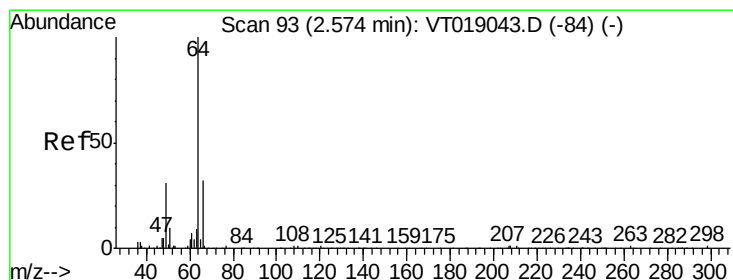
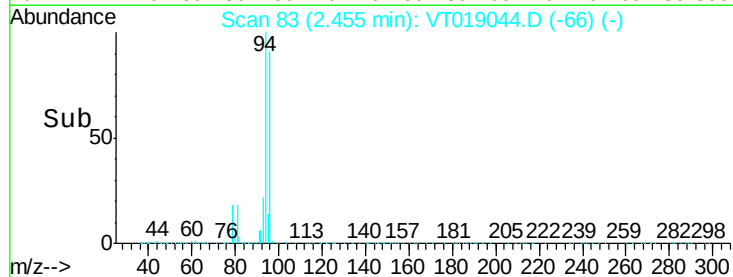
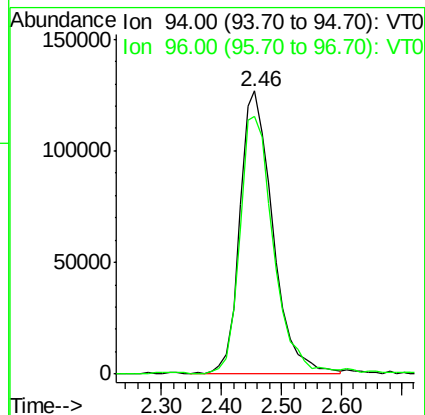
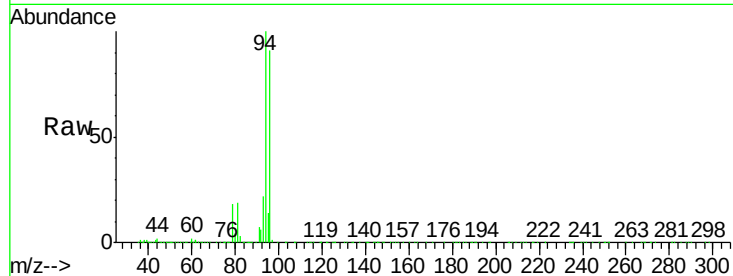
VSTDIC075

Tot Ion: 94 Resp: 480000

Ion Ratio Lower Upper

94 100

96 91.1 75.3 112.9



#6

Chloroethane

Concen: 64.32 ug/l

RT: 2.57 min Scan# 93

Delta R.T. -0.00 min

Lab File: VT019044.D

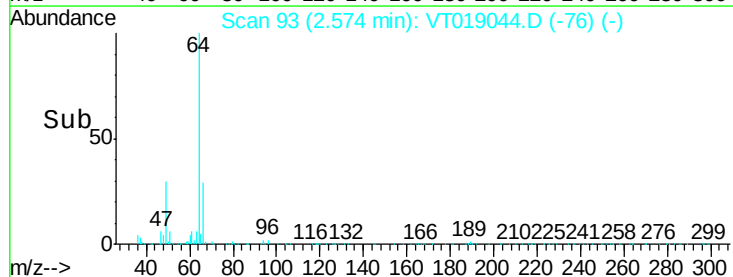
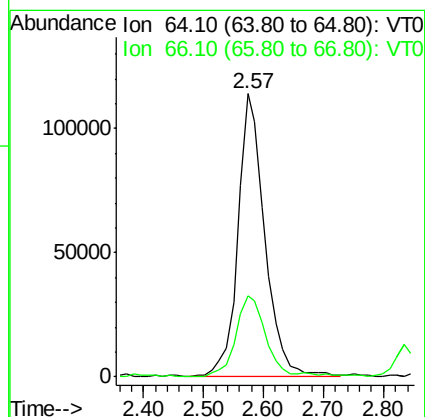
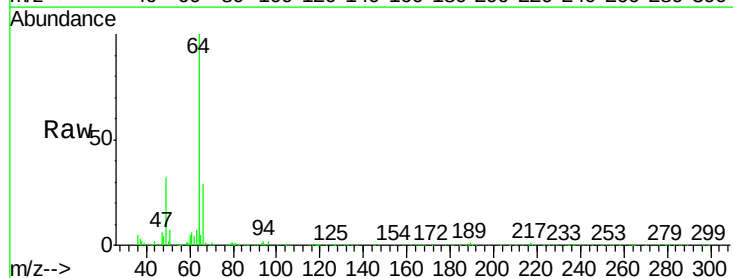
Acq: 8 May 2018 19:19

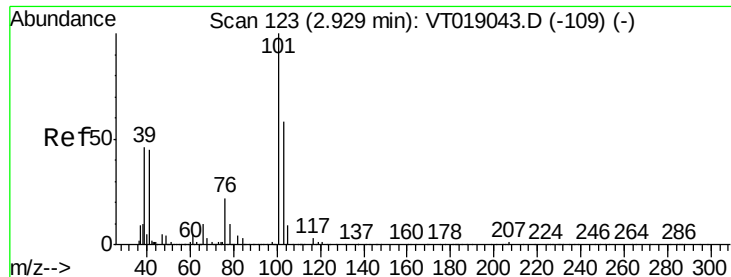
Tgt Ion: 64 Resp: 357401

Ion Ratio Lower Upper

64 100

66 28.9 25.8 38.8



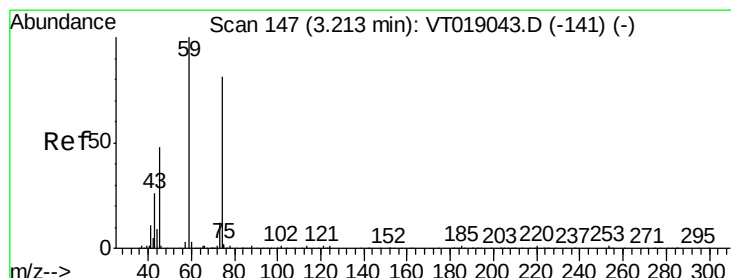
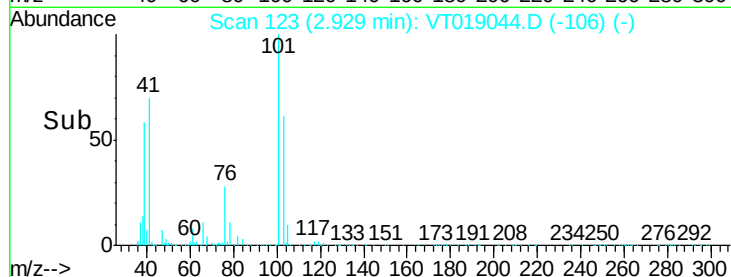
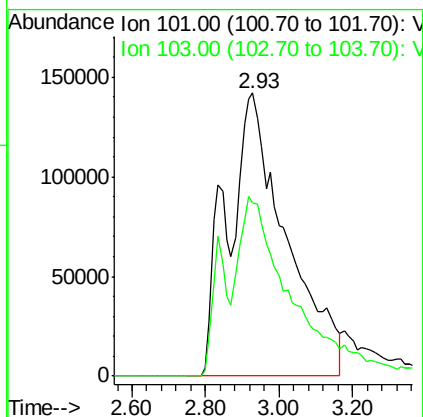
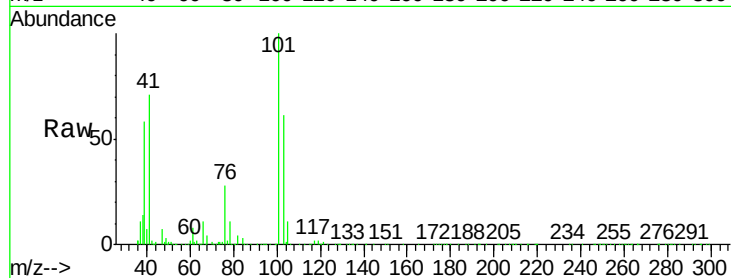


#7

Trichlorofluoromethane
 Concen: 127.94 ug/l m
 RT: 2.93 min Scan# 123
 Delta R.T. -0.00 min
 Lab File: VT019044.D
 Acq: 8 May 2018 19:19

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 ClientSampleId :
 VSTDIC075

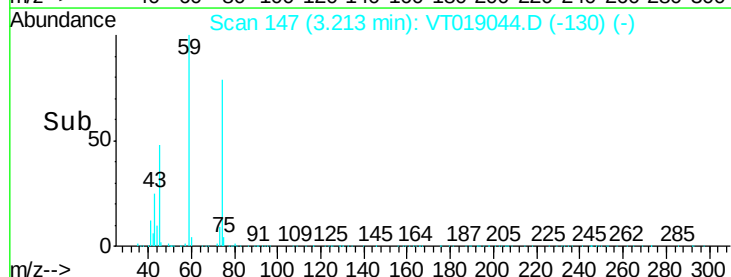
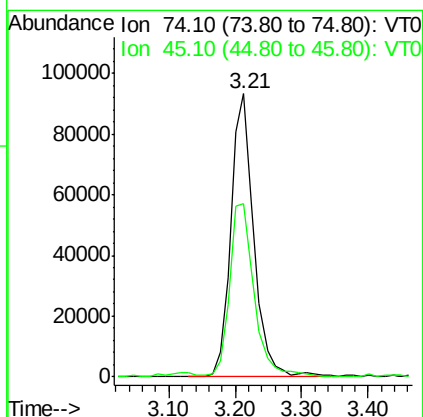
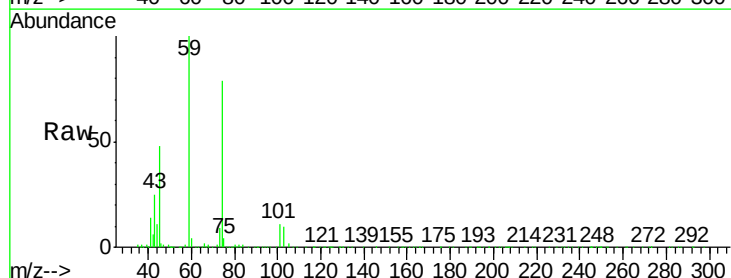
Tot Ion:101 Resp: 1570428
 Ion Ratio Lower Upper
 101 100
 103 61.3 46.5 69.7

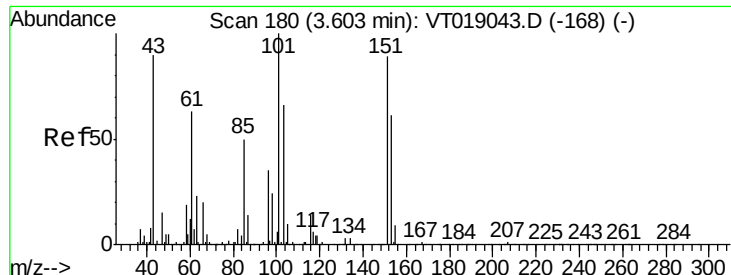


#8

Diethyl Ether
 Concen: 50.83 ug/l
 RT: 3.21 min Scan# 147
 Delta R.T. -0.00 min
 Lab File: VT019044.D
 Acq: 8 May 2018 19:19

Tgt Ion: 74 Resp: 225533
 Ion Ratio Lower Upper
 74 100
 45 61.1 29.8 89.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 70.32 ug/l

RT: 3.60 min Scan# 180

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

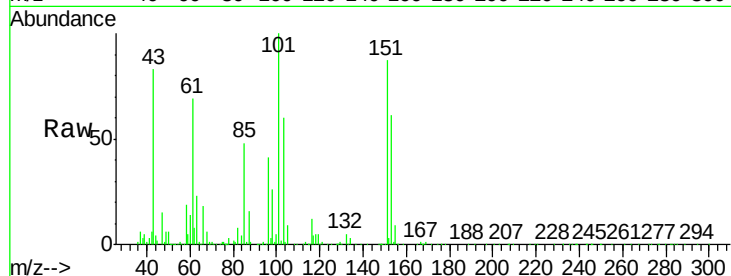
Tot Ion:101 Resp: 744071

Ion Ratio Lower Upper

101 100

85 47.6 39.5 59.3

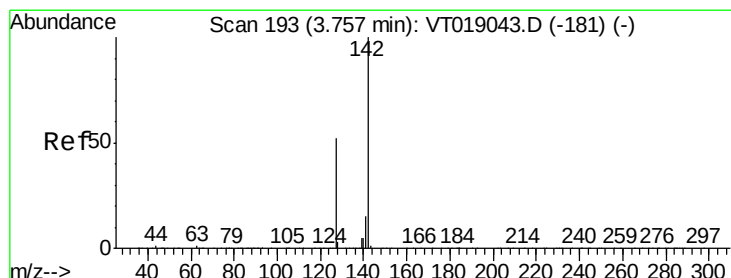
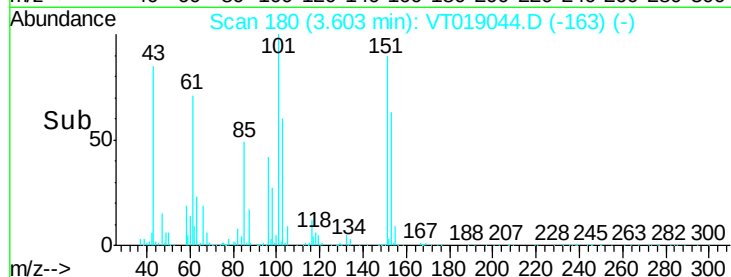
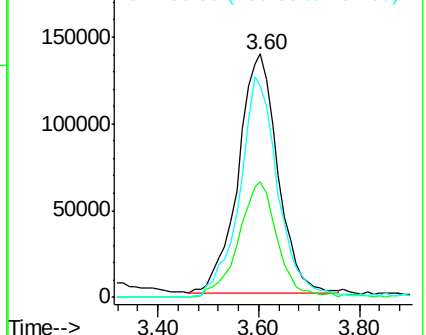
151 86.8 69.9 104.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VT0

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 66.11 ug/l

RT: 3.77 min Scan# 194

Delta R.T. 0.01 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

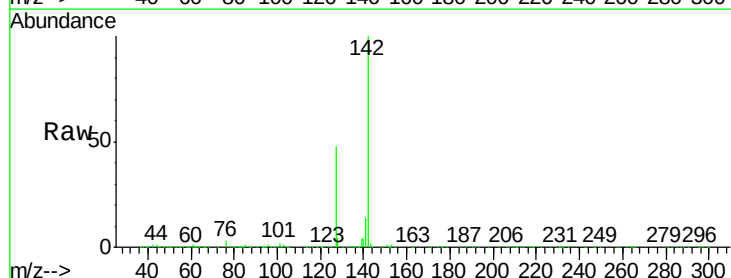
Tgt Ion:142 Resp: 1086236

Ion Ratio Lower Upper

142 100

127 48.2 41.8 62.8

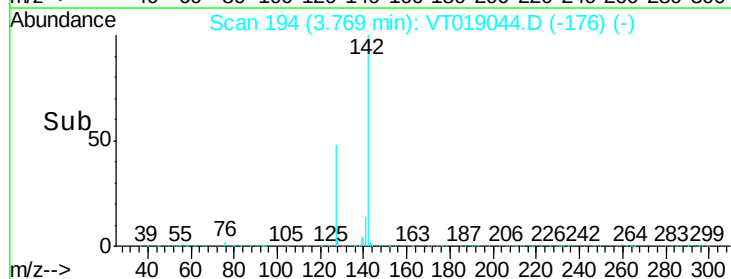
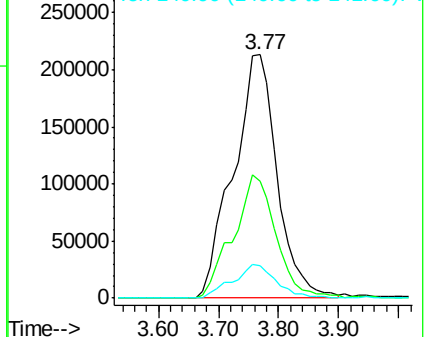
141 13.6 12.0 18.0

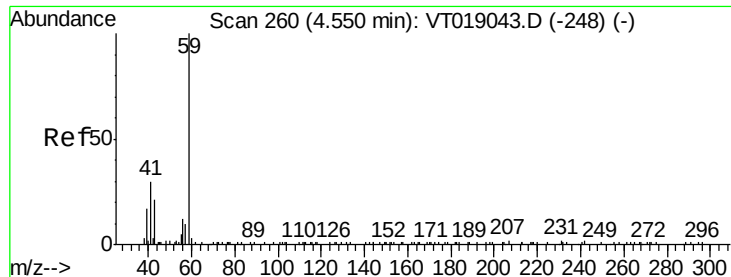


Abundance Ion 141.90 (141.60 to 142.60): V

Ion 126.90 (126.60 to 127.60): V

Ion 140.90 (140.60 to 141.60): V



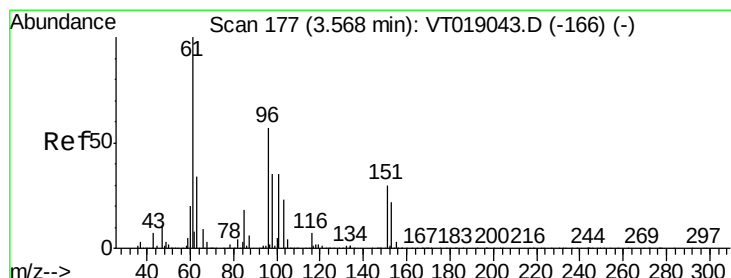
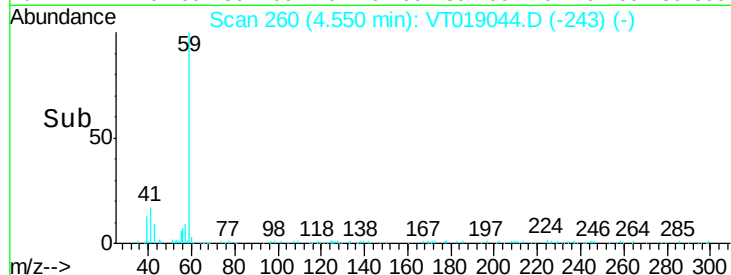
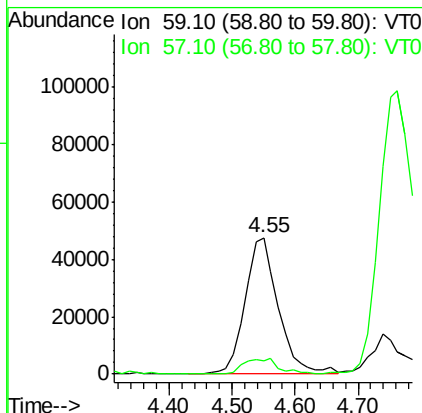
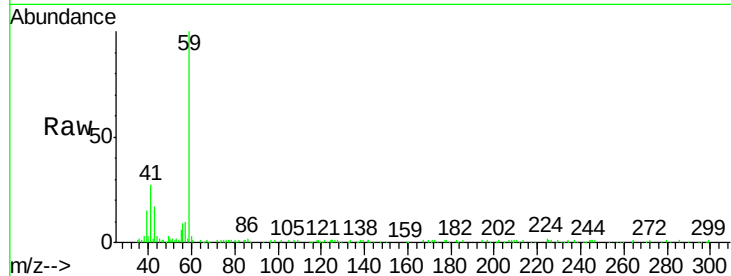


#11

Tert butyl alcohol
Concen: 344.31 ug/l
RT: 4.55 min Scan# 260
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

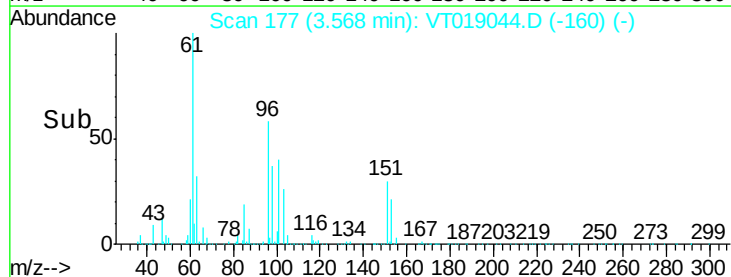
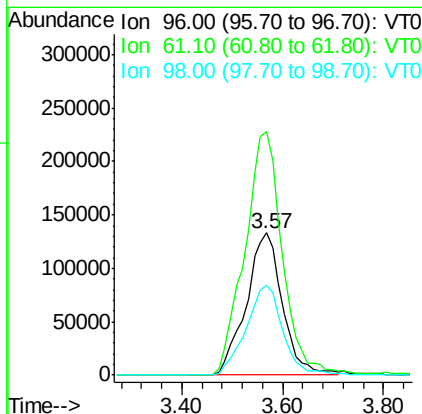
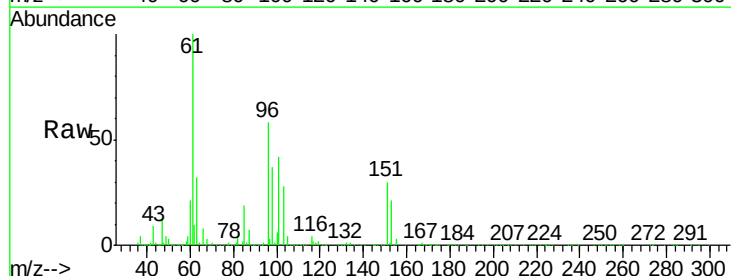
Tot Ion: 59 Resp: 174426
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5

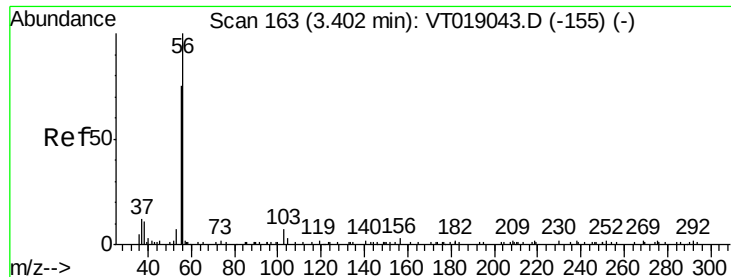


#12

1,1-Dichloroethene
Concen: 60.65 ug/l
RT: 3.57 min Scan# 177
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion: 96 Resp: 663879
Ion Ratio Lower Upper
96 100
61 171.3 139.4 209.2
98 63.2 49.4 74.2

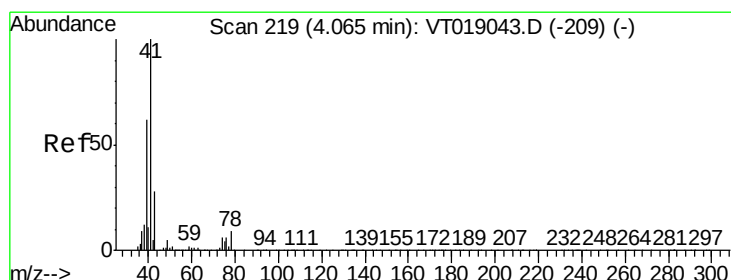
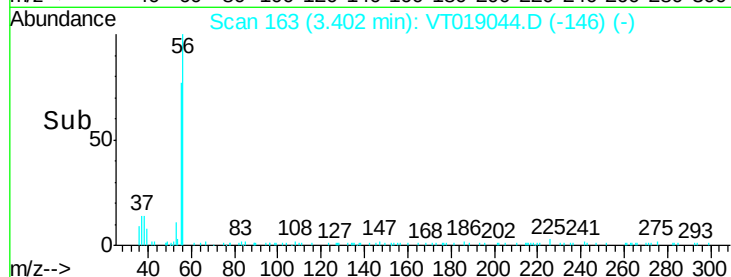
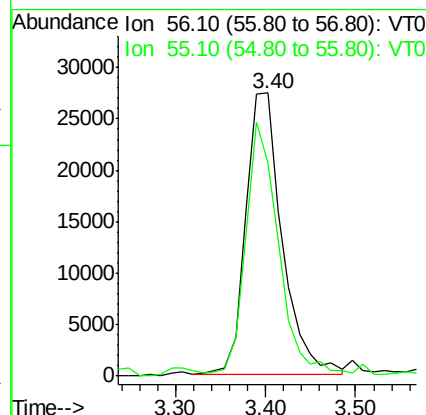
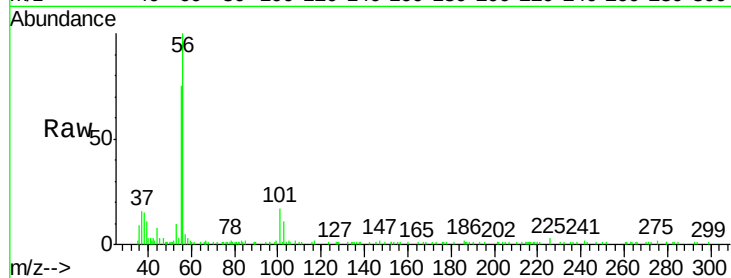




#13
Acrolein
Concen: 109.54 ug/l
RT: 3.40 min Scan# 163
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

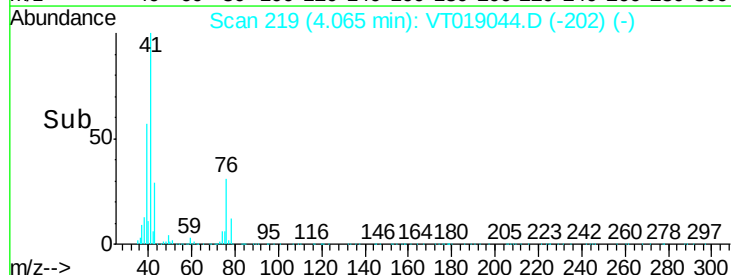
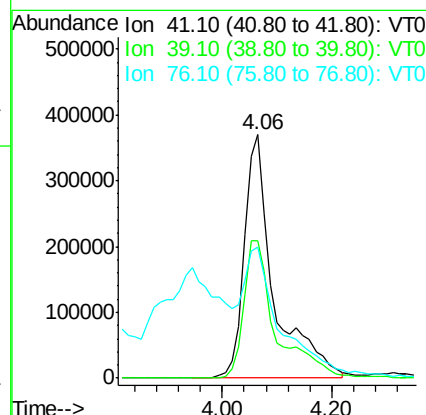
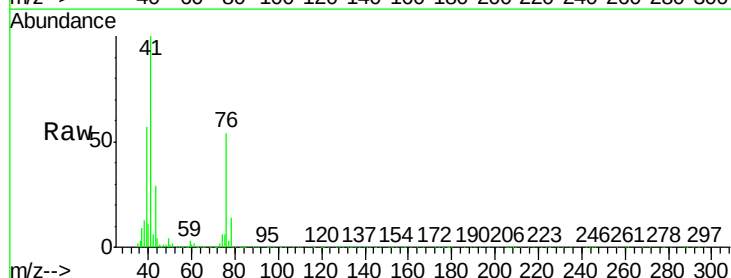
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

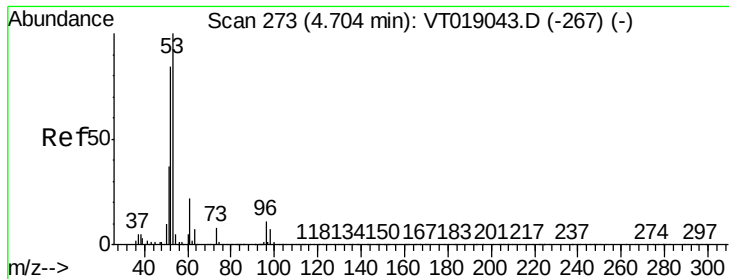
Tot Ion: 56 Resp: 76584
Ion Ratio Lower Upper
56 100
55 75.4 60.8 91.2



#14
Allyl chloride
Concen: 73.47 ug/l
RT: 4.06 min Scan# 219
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion: 41 Resp: 1406684
Ion Ratio Lower Upper
41 100
39 56.6 49.5 74.3
76 54.1 44.0 66.0





#15

Acrylonitrile

Concen: 321.65 ug/l

RT: 4.70 min Scan# 273

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

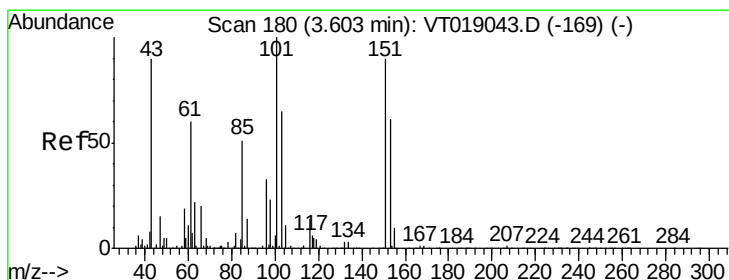
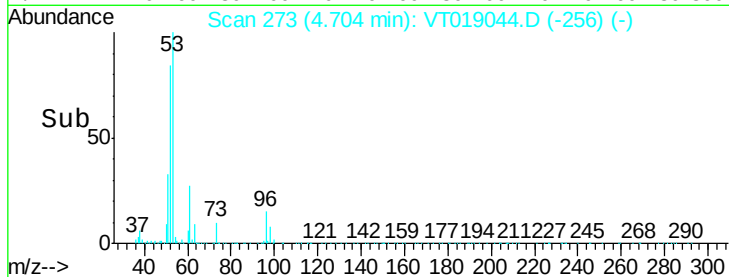
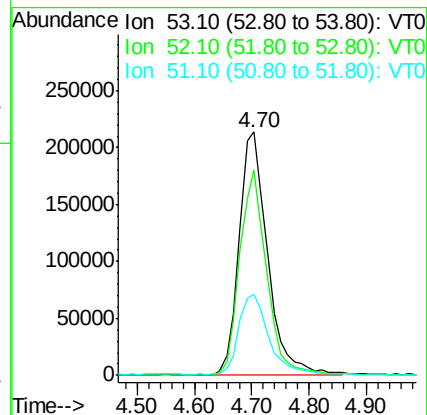
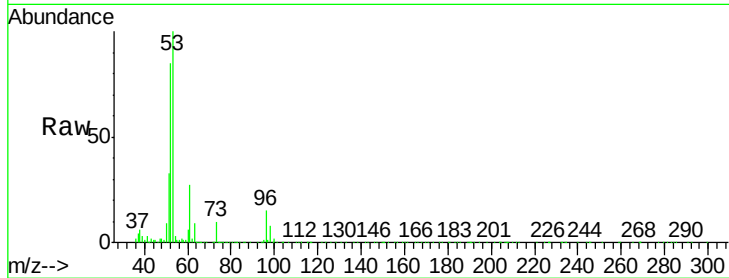
Tot Ion: 53 Resp: 736802

Ion Ratio Lower Upper

53 100

52 84.5 67.4 101.0

51 33.3 29.6 44.4



#16

Acetone

Concen: 153.14 ug/l

RT: 3.59 min Scan# 179

Delta R.T. -0.01 min

Lab File: VT019044.D

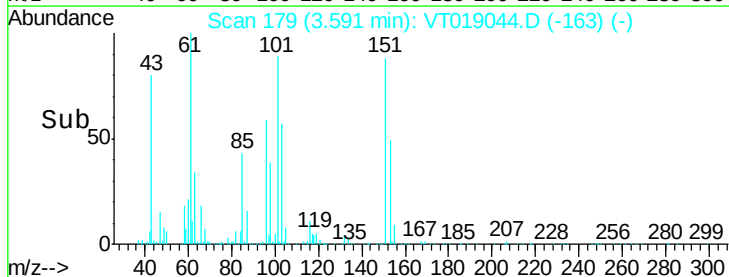
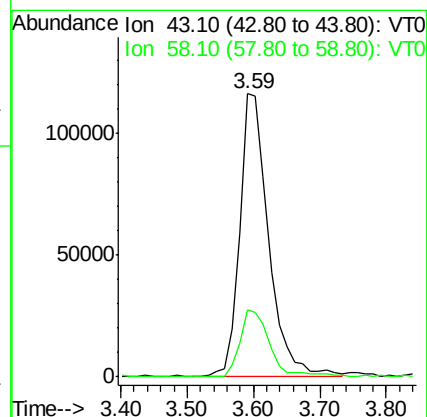
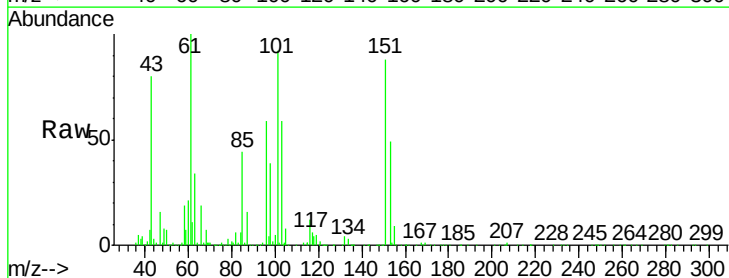
Acq: 8 May 2018 19:19

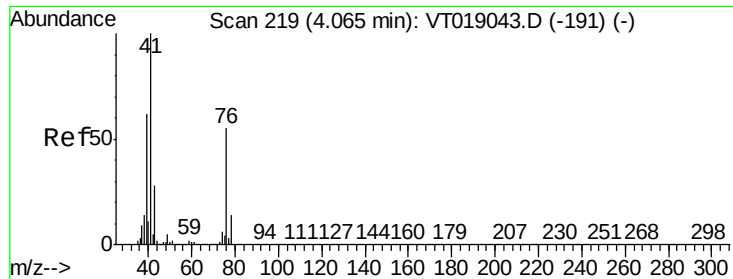
Tgt Ion: 43 Resp: 350263

Ion Ratio Lower Upper

43 100

58 23.7 16.7 25.1





#17

Carbon Disulfide

Concen: 85.37 ug/l m

RT: 4.06 min Scan# 219

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

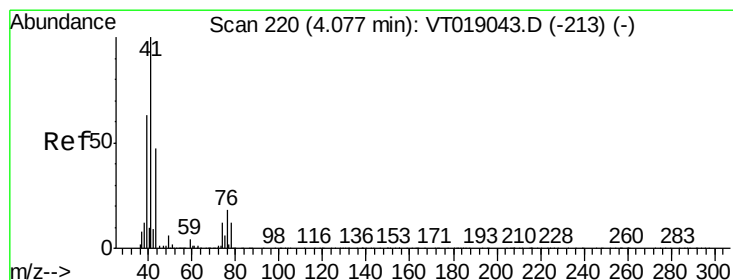
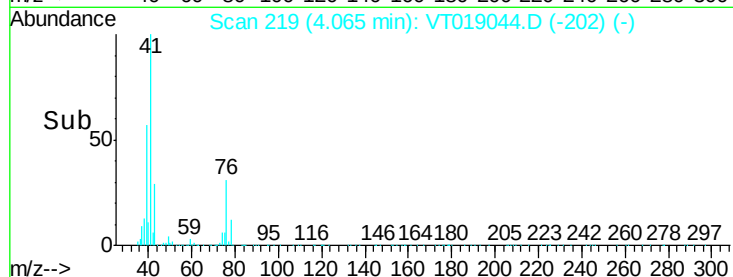
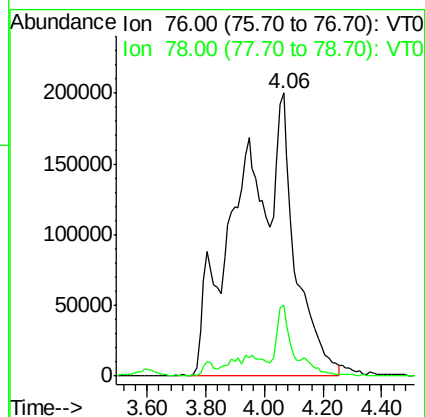
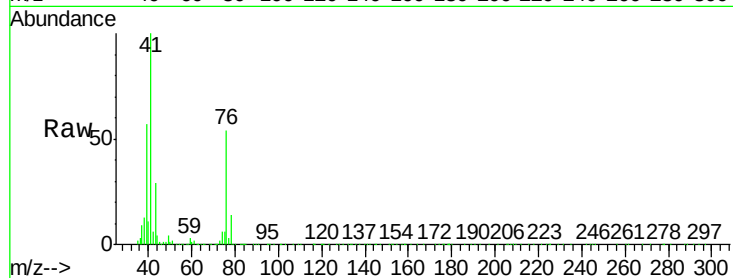
VSTDIC075

Tot Ion: 76 Resp: 2568019

Ion Ratio Lower Upper

76 100

78 25.2 19.8 29.8



#18

Methyl Acetate

Concen: 40.03 ug/l

RT: 4.08 min Scan# 220

Delta R.T. -0.00 min

Lab File: VT019044.D

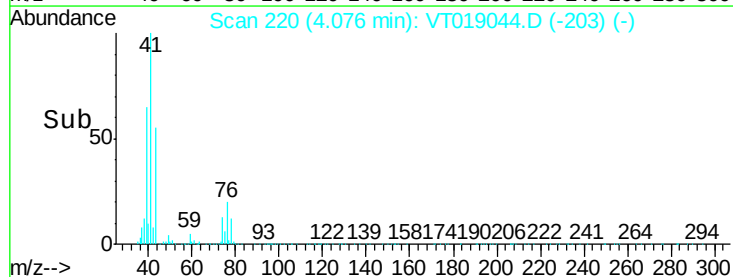
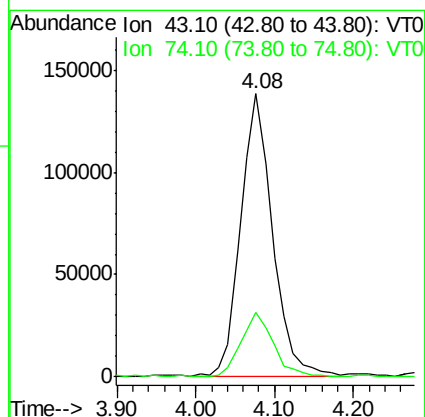
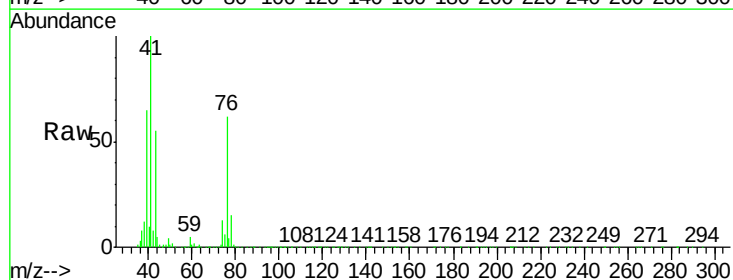
Acq: 8 May 2018 19:19

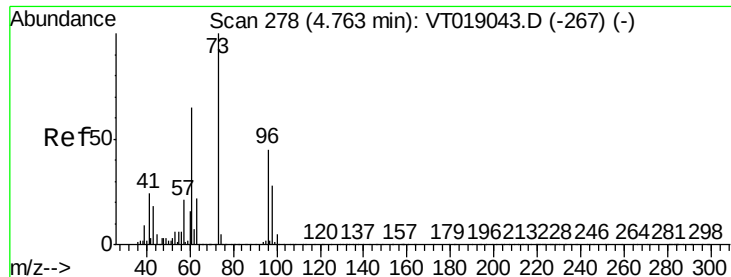
Tgt Ion: 43 Resp: 390378

Ion Ratio Lower Upper

43 100

74 22.9 19.8 29.8





#19

Methyl tert-butyl Ether
 Concen: 79.34 ug/l
 RT: 4.76 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VT019044.D
 Acq: 8 May 2018 19:19

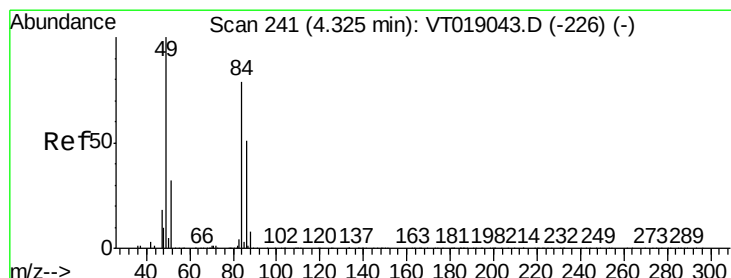
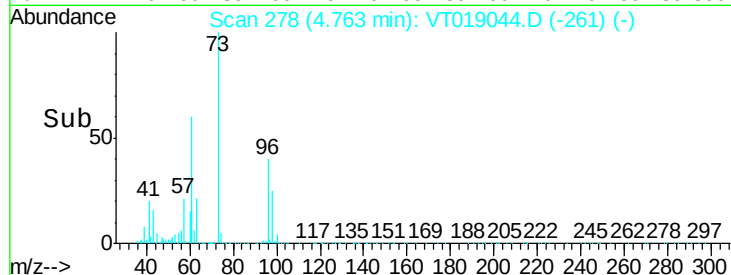
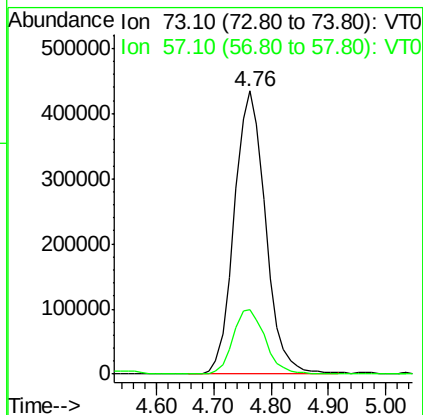
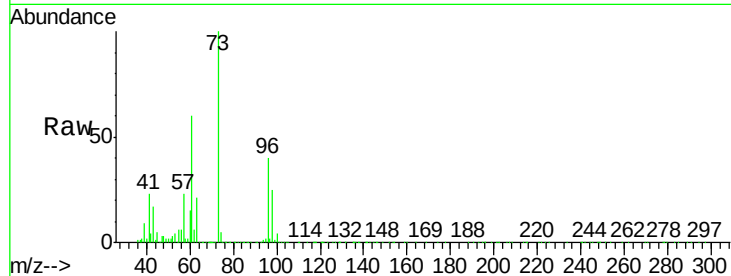
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC075

Tot Ion: 73 Resp: 1644454

Ion Ratio Lower Upper

73 100

57 22.7 16.6 25.0



#20

Methylene Chloride
 Concen: 63.38 ug/l
 RT: 4.32 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VT019044.D
 Acq: 8 May 2018 19:19

Tgt Ion: 84 Resp: 807684

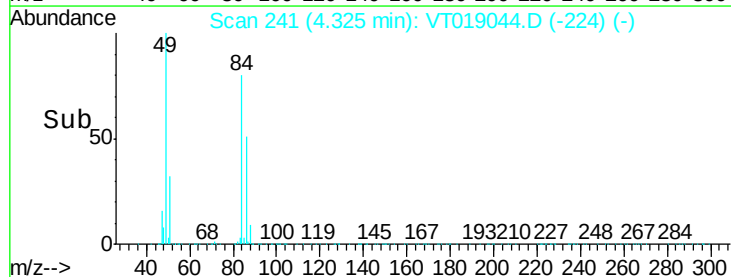
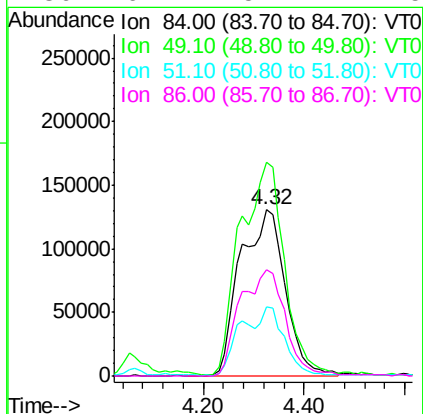
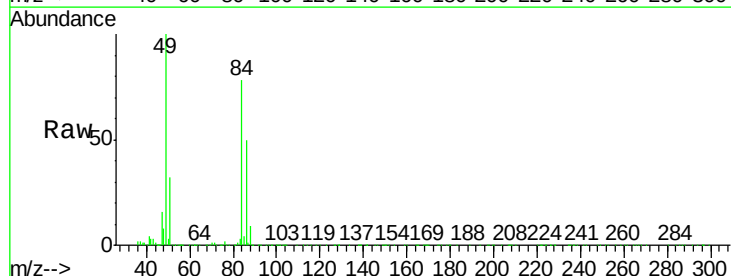
Ion Ratio Lower Upper

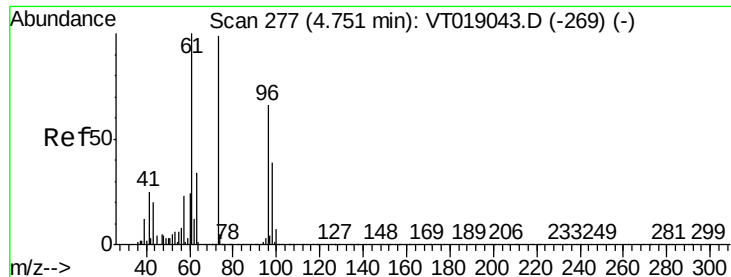
84 100

49 128.7 103.0 154.4

51 41.7 33.3 49.9

86 64.1 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 81.69 ug/l

RT: 4.74 min Scan# 276

Delta R.T. -0.01 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

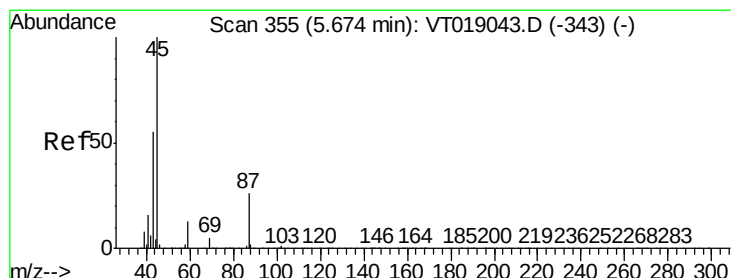
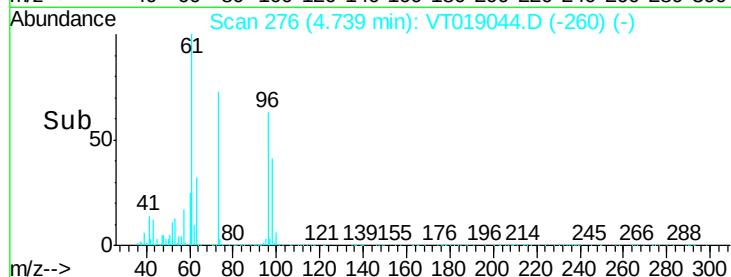
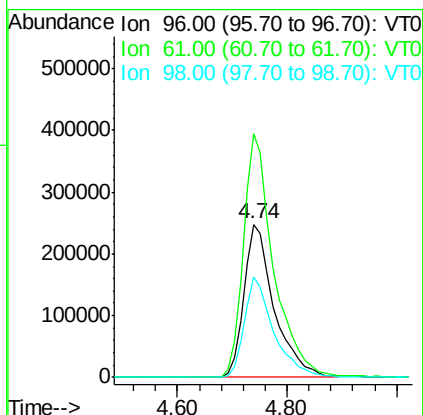
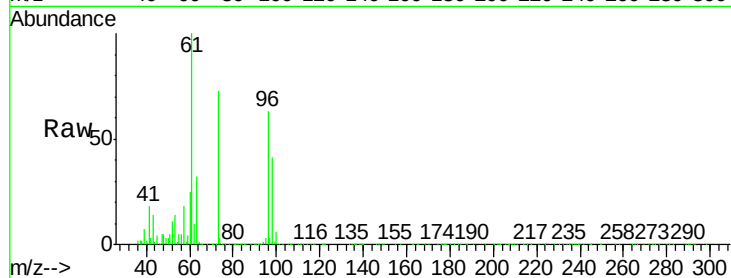
Tot Ion: 96 Resp: 961280

Ion Ratio Lower Upper

96 100

61 158.8 120.8 181.2

98 65.6 47.4 71.2



#22

Diisopropyl ether

Concen: 79.06 ug/l

RT: 5.67 min Scan# 355

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Tgt Ion: 45 Resp: 2673683

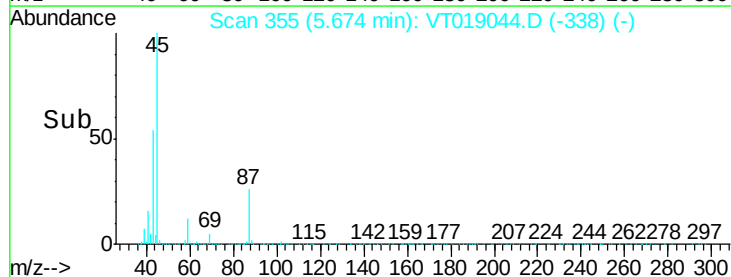
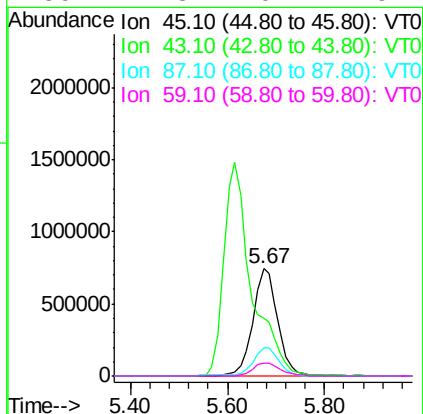
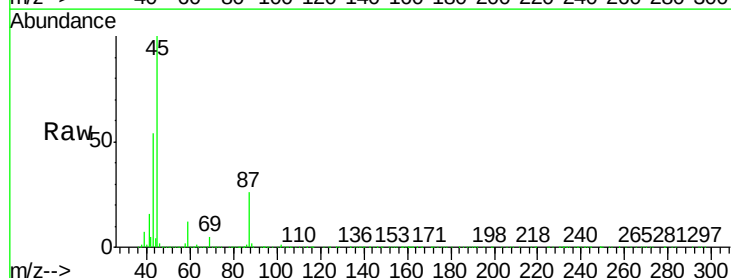
Ion Ratio Lower Upper

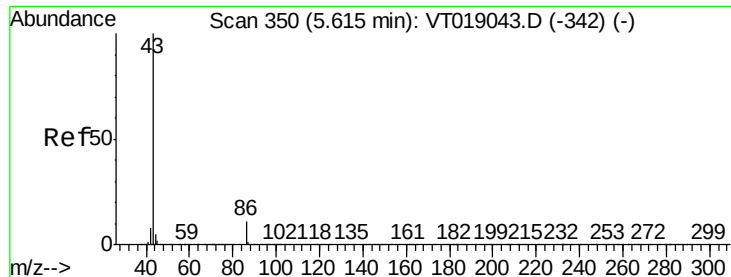
45 100

43 53.8 43.8 65.6

87 26.1 20.8 31.2

59 12.3 10.2 15.4





#23

Vinyl Acetate

Concen: 467.26 ug/l

RT: 5.61 min Scan# 350

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

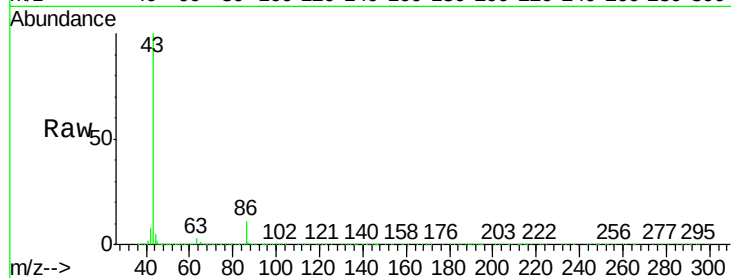
VSTDIC075

Tot Ion: 43 Resp: 5872538

Ion Ratio Lower Upper

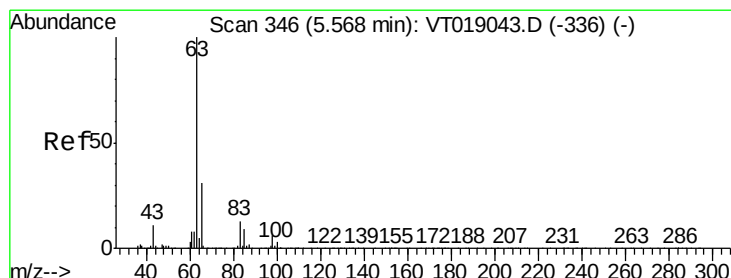
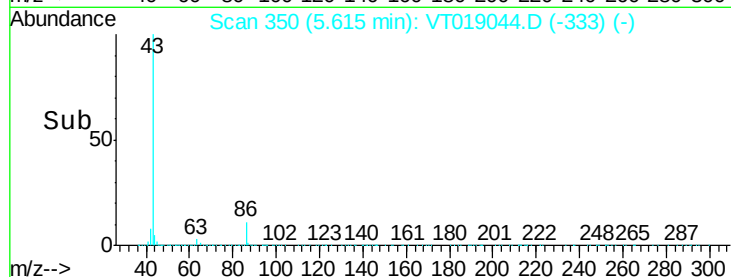
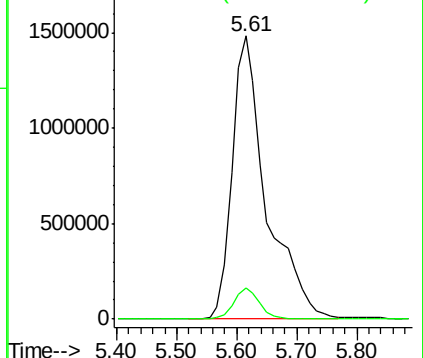
43 100

86 11.1 8.6 13.0



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 86.10 (85.80 to 86.80): VT0



#24

1,1-Dichloroethane

Concen: 90.78 ug/l

RT: 5.56 min Scan# 345

Delta R.T. -0.01 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

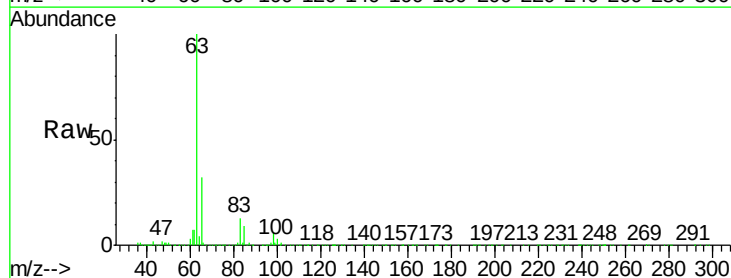
Tgt Ion: 63 Resp: 1815670

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

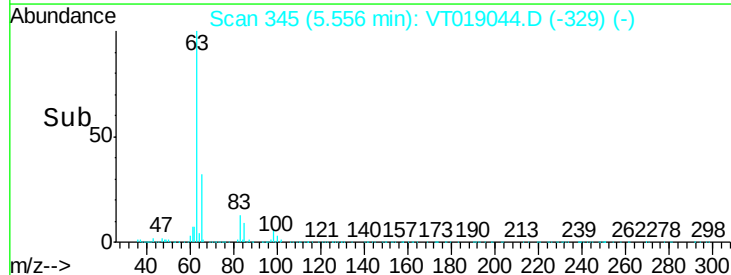
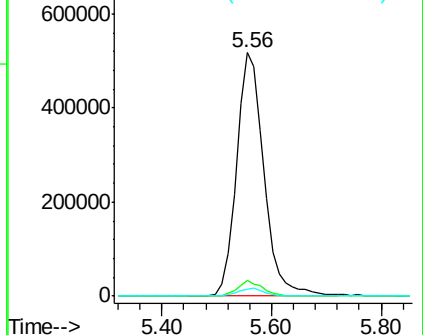
100 3.0 1.7 5.1

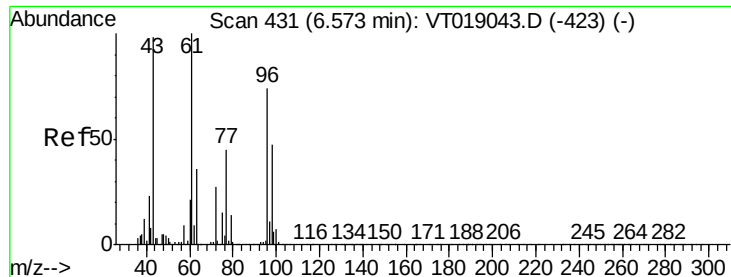


Abundance Ion 63.10 (62.80 to 63.80): VT0

Ion 98.00 (97.70 to 98.70): VT0

Ion 100.00 (99.70 to 100.70): VT0

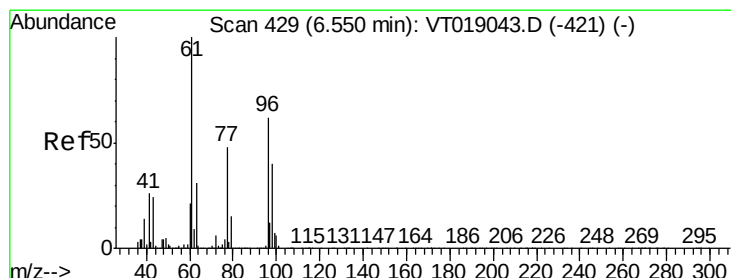
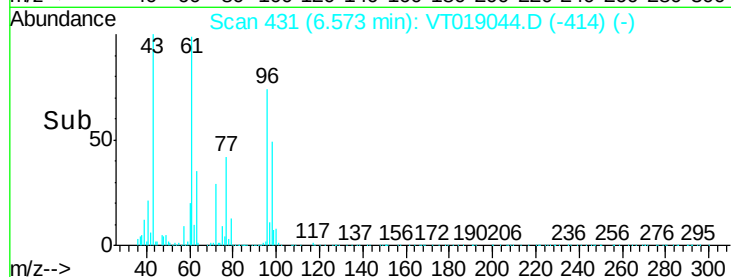
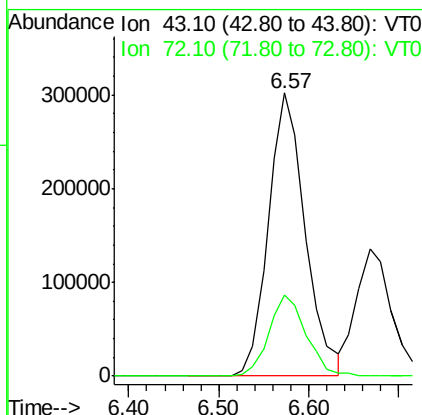
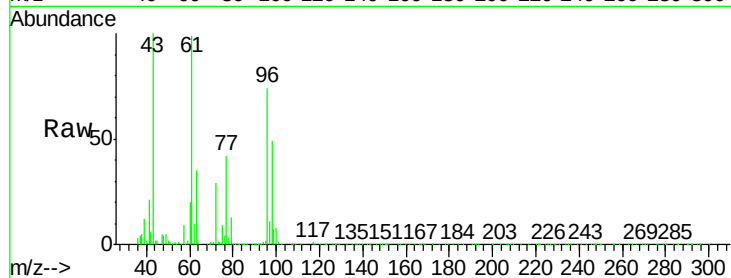




#25
2-Butanone
Concen: 275.34 ug/l
RT: 6.57 min Scan# 431
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

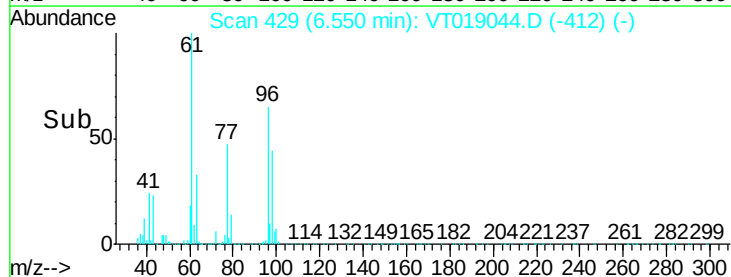
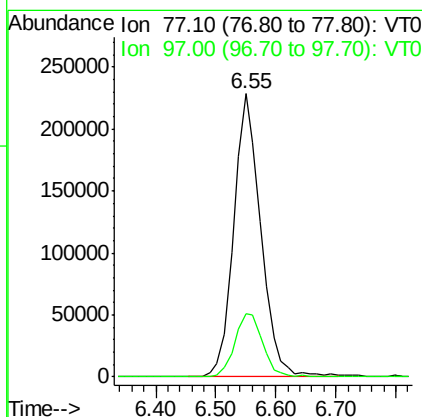
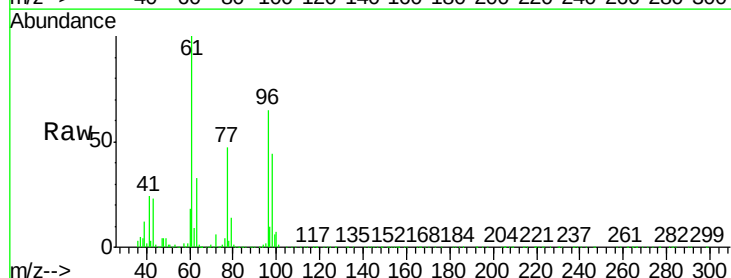
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

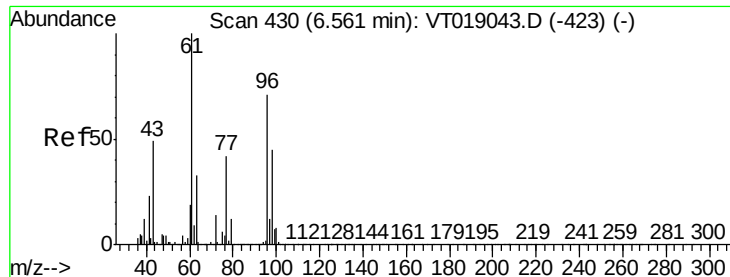
Tot Ion: 43 Resp: 859816
Ion Ratio Lower Upper
43 100
72 28.6 22.1 33.1



#26
2,2-Dichloropropane
Concen: 76.28 ug/l
RT: 6.55 min Scan# 429
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion: 77 Resp: 718173
Ion Ratio Lower Upper
77 100
97 22.2 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 83.72 ug/l

RT: 6.56 min Scan# 430

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

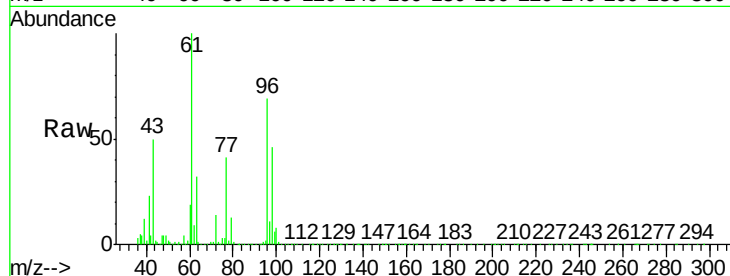
Tot Ion: 96 Resp: 961975

Ion Ratio Lower Upper

96 100

61 145.2 0.0 282.0

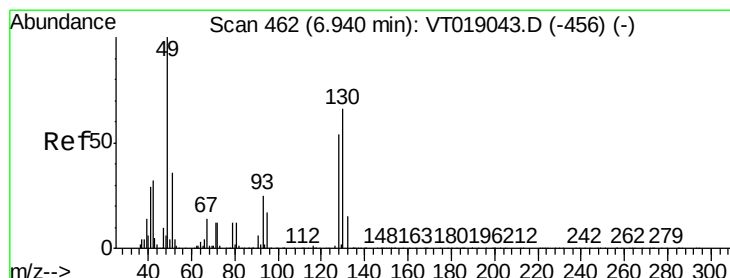
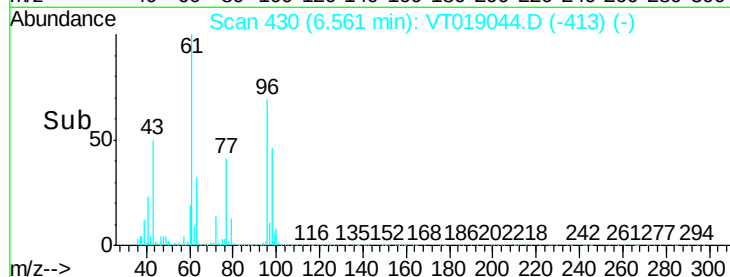
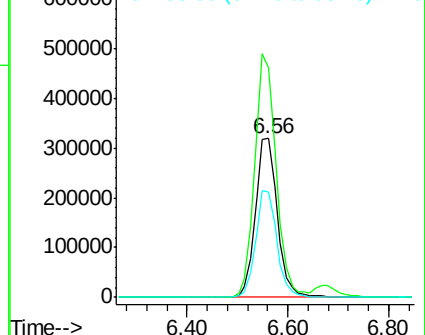
98 66.7 0.0 125.8



Abundance Ion 96.00 (95.70 to 96.70): VT0

Ion 61.10 (60.80 to 61.80): VT0

Ion 98.00 (97.70 to 98.70): VT0



#28

Bromochloromethane

Concen: 73.64 ug/l

RT: 6.94 min Scan# 462

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

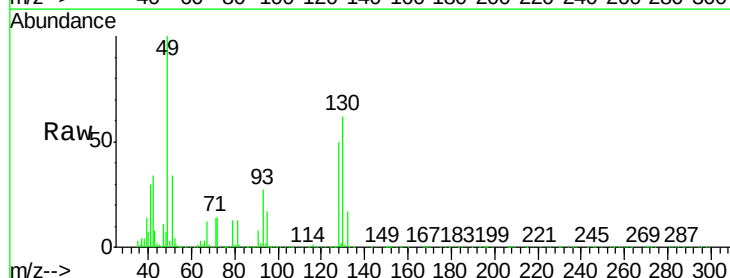
Tgt Ion: 49 Resp: 602054

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

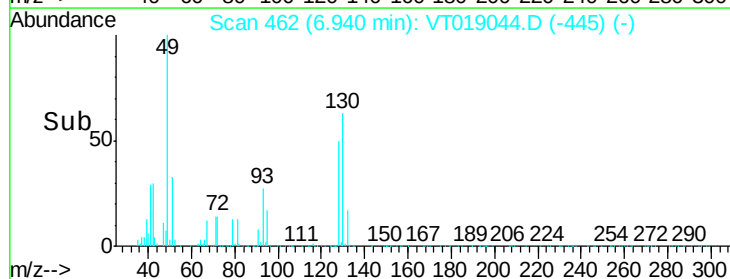
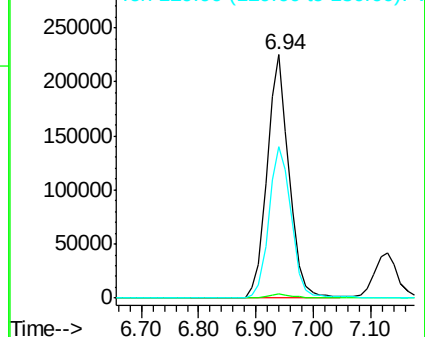
130 62.4 52.4 78.6

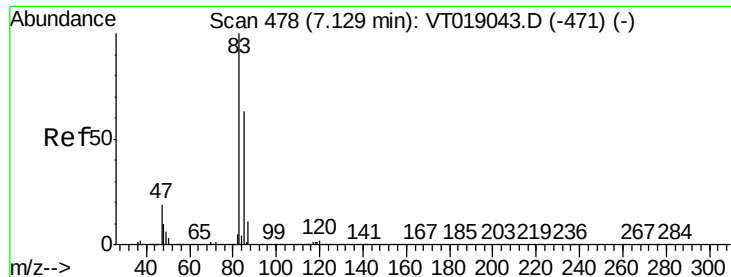


Abundance Ion 49.10 (48.80 to 49.80): VT0

Ion 129.00 (128.70 to 129.70): V

Ion 129.90 (129.60 to 130.60): V

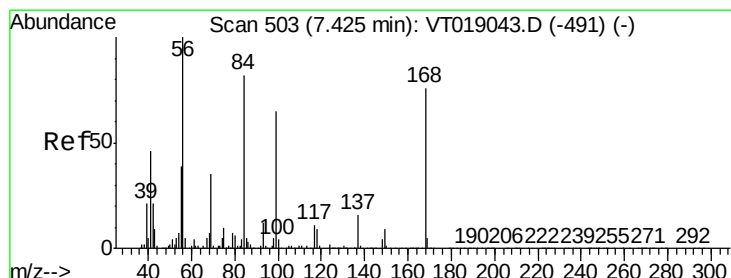
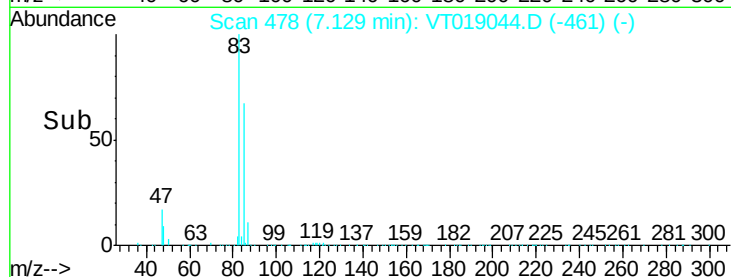
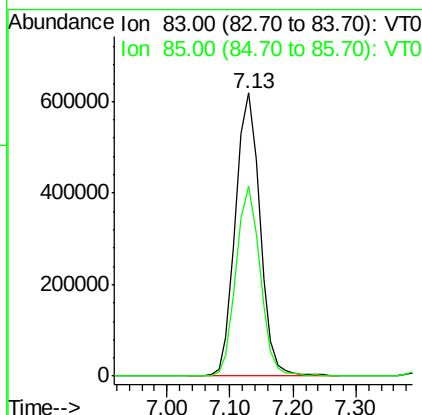
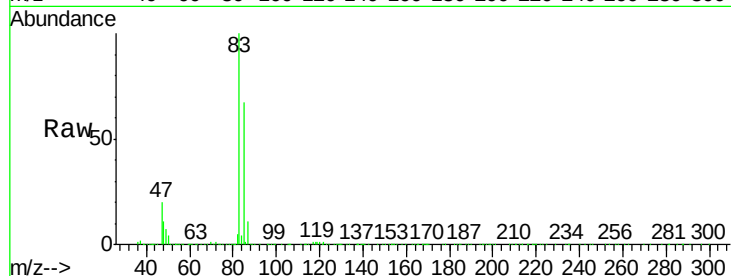




#29
Chloroform
Concen: 91.20 ug/l
RT: 7.13 min Scan# 478
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

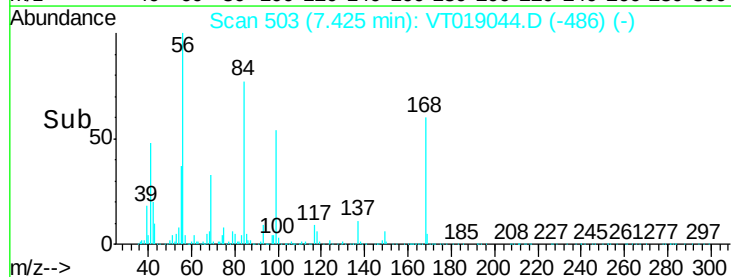
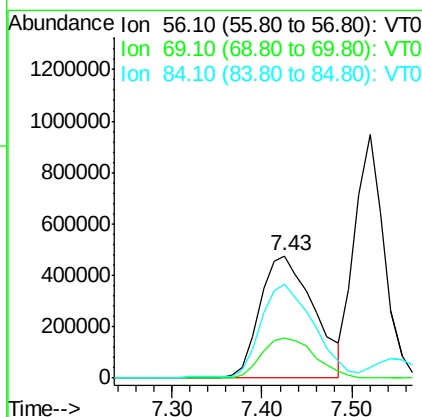
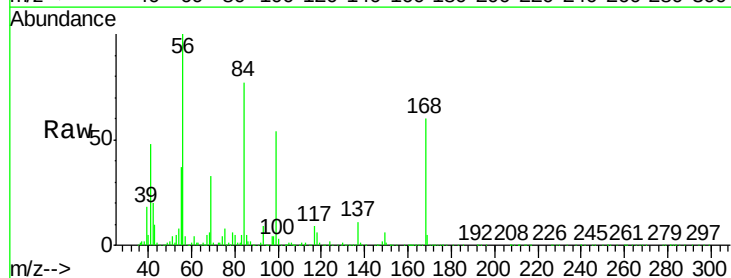
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

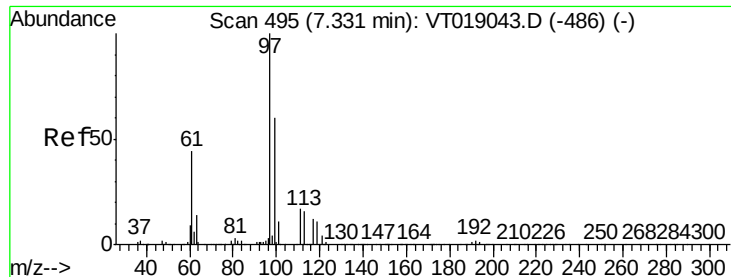
Tot Ion: 83 Resp: 1670392
Ion Ratio Lower Upper
83 100
85 67.1 50.6 76.0



#30
Cyclohexane
Concen: 87.15 ug/l
RT: 7.43 min Scan# 503
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion: 56 Resp: 1983763
Ion Ratio Lower Upper
56 100
69 33.0 28.2 42.2
84 76.9 65.6 98.4





#31

1,1,1-Trichloroethane

Concen: 95.49 ug/l

RT: 7.33 min Scan# 495

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

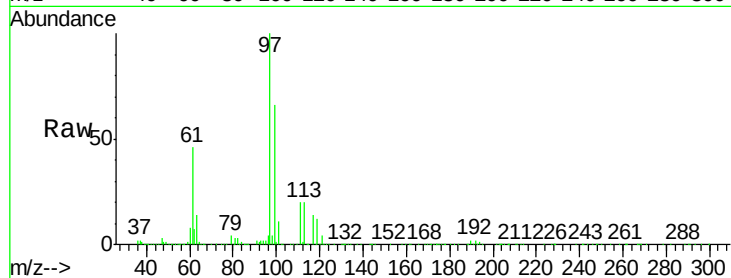
MSVOA_T

ClientSampleId :

VSTDIC075

Tot Ion: 97 Resp: 1338623

Ion	Ratio	Lower	Upper
97	100		
99	65.7	47.6	71.4
61	46.1	35.3	52.9

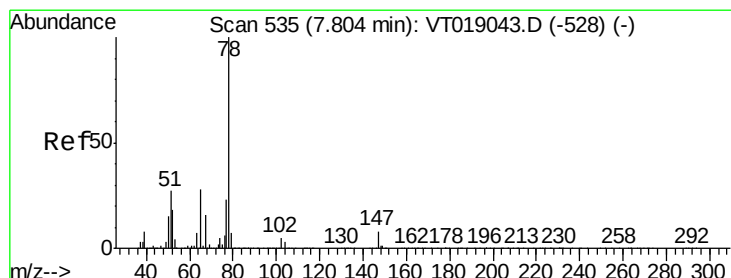
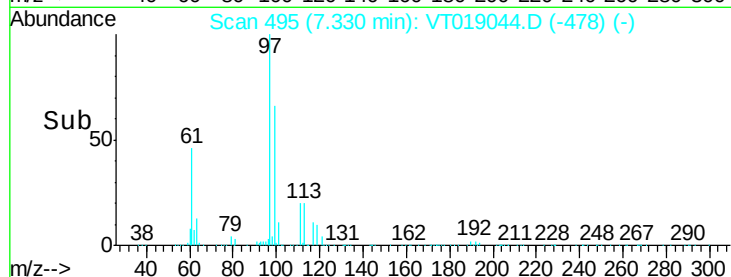
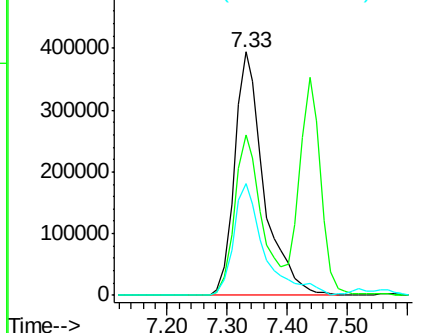


Abundance

Ion 97.00 (96.70 to 97.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

Ion 61.00 (60.70 to 61.70): VT0



#32

1,2-Dichloroethane-d4

Concen: 83.25 ug/l

RT: 7.80 min Scan# 535

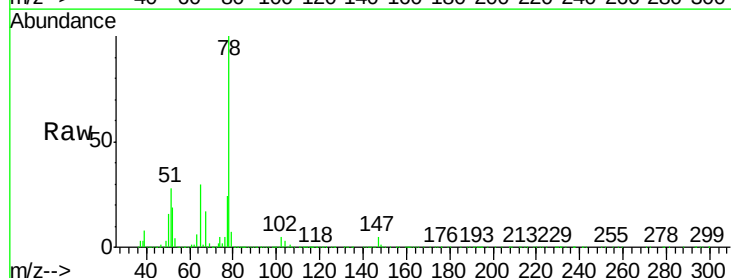
Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Tgt Ion: 65 Resp: 788583

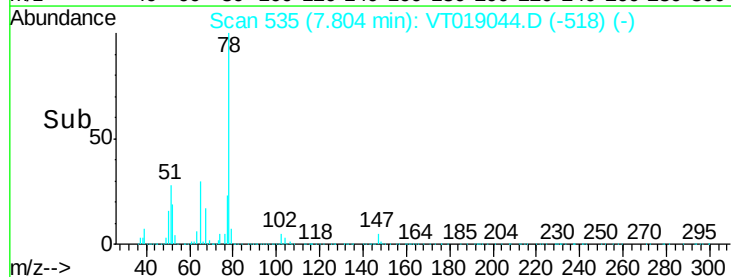
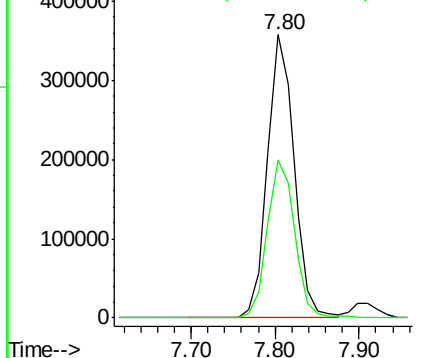
Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	114.2

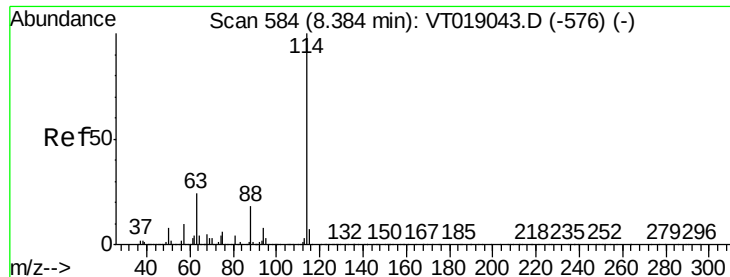


Abundance

Ion 65.10 (64.80 to 65.80): VT0

Ion 67.10 (66.80 to 67.80): VT0

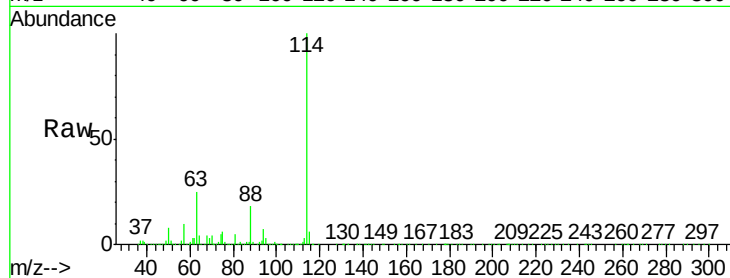




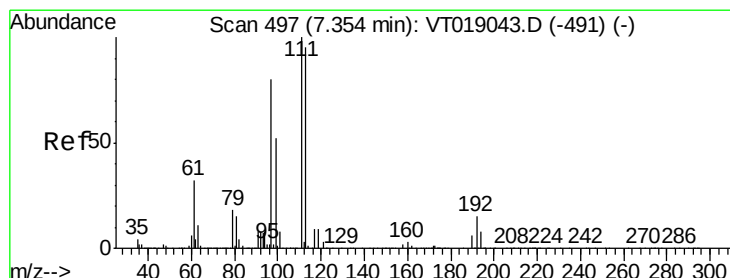
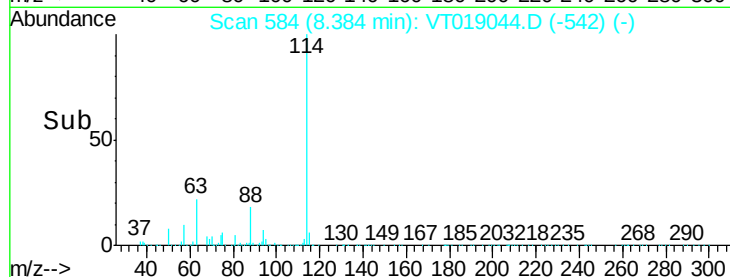
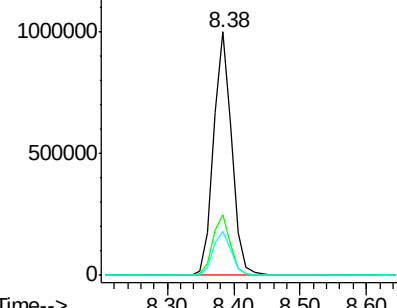
#33
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.38 min Scan# 584
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

Tot Ion:114 Resp: 1938269
Ion Ratio Lower Upper
114 100
63 24.7 0.0 48.8
88 18.3 0.0 37.0

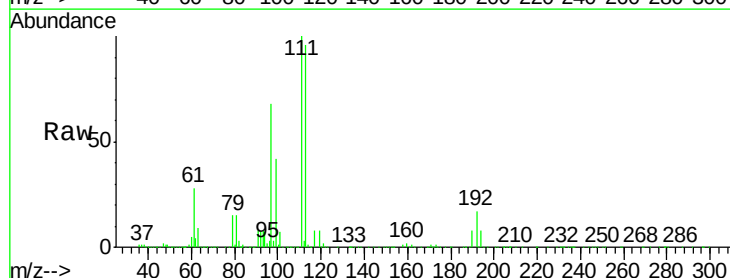


Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VT0
Ion 88.10 (87.80 to 88.80): VT0

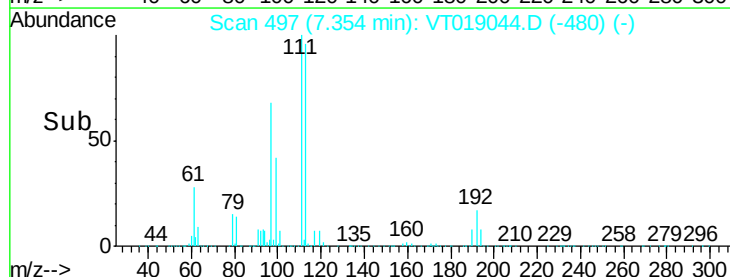
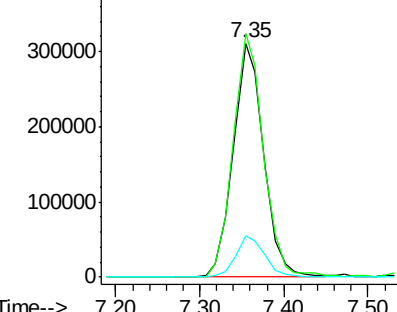


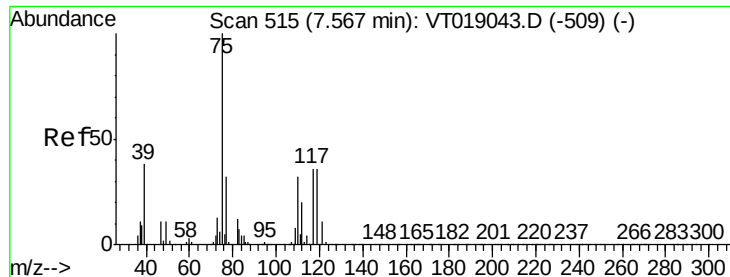
#34
Dibromofluoromethane
Concen: 74.88 ug/l
RT: 7.35 min Scan# 497
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion:113 Resp: 785991
Ion Ratio Lower Upper
113 100
111 104.3 84.0 126.0
192 17.7 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V





#35

1,1-Dichloropropene

Concen: 81.99 ug/l

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

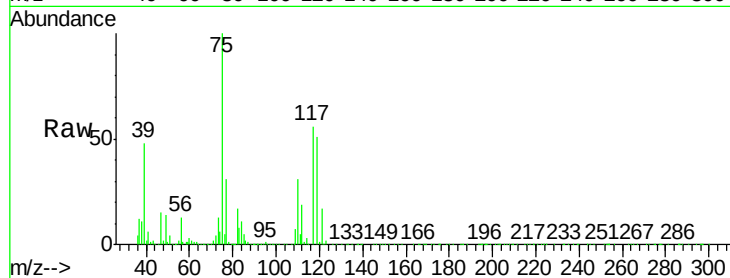
Tot Ion: 75 Resp: 1570036

Ion Ratio Lower Upper

75 100

110 30.9 15.9 47.6

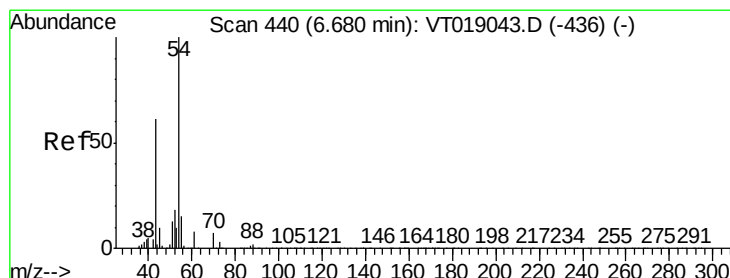
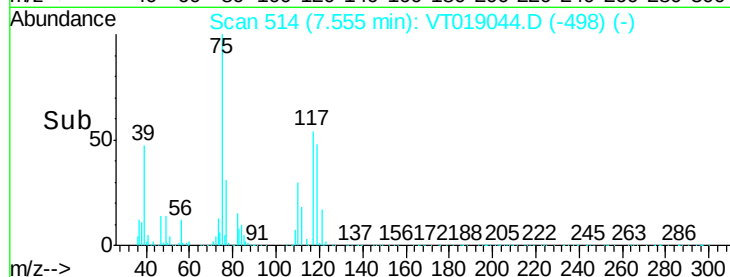
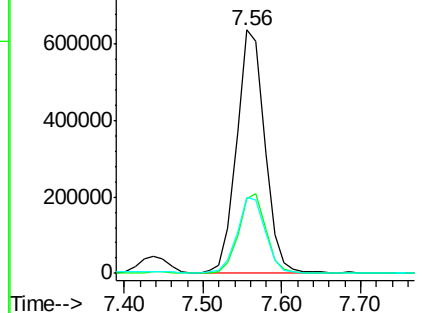
77 31.2 25.9 38.9



Abundance Ion 75.10 (74.80 to 75.80): VT0

Ion 110.00 (109.70 to 110.70): VT0

Ion 77.00 (76.70 to 77.70): VT0



#36

Ethyl Acetate

Concen: 53.66 ug/l

RT: 6.67 min Scan# 439

Delta R.T. -0.01 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

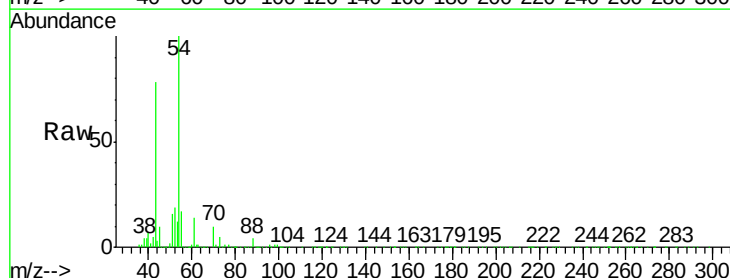
Tgt Ion: 43 Resp: 379812

Ion Ratio Lower Upper

43 100

61 18.4 14.2 21.2

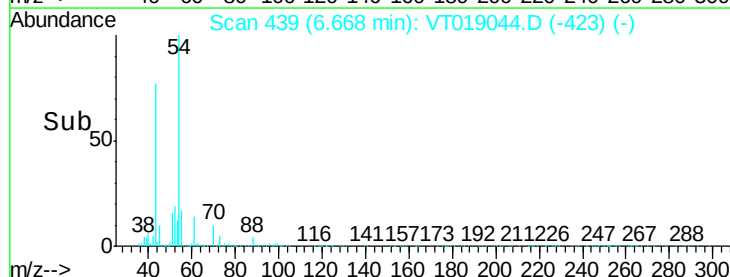
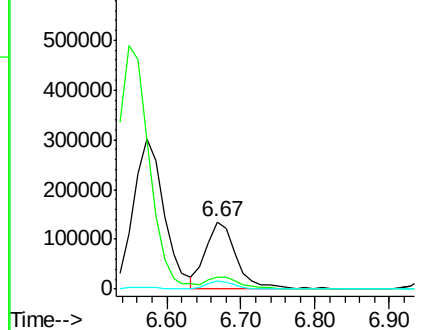
70 12.5 8.4 12.6

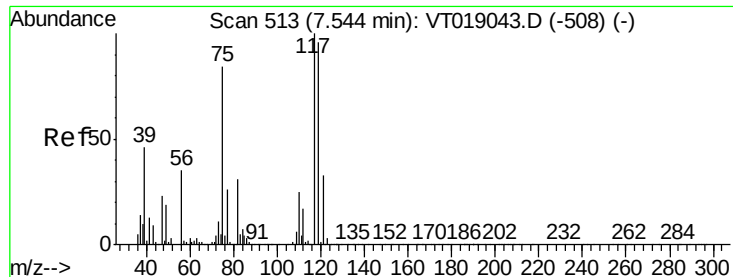


Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 61.10 (60.80 to 61.80): VT0

Ion 70.10 (69.80 to 70.80): VT0





#37

Carbon Tetrachloride

Concen: 80.30 ug/l

RT: 7.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

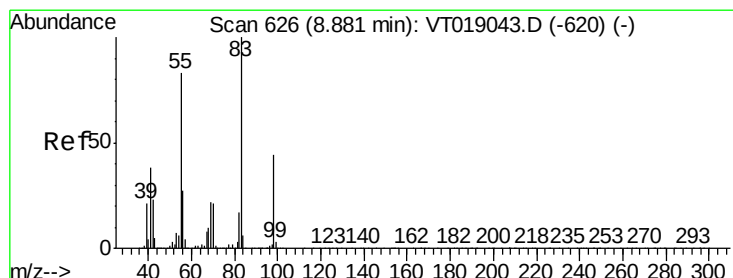
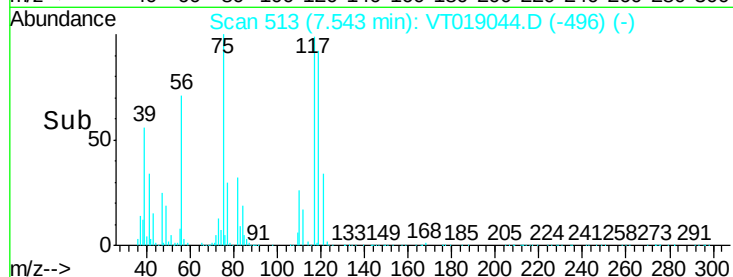
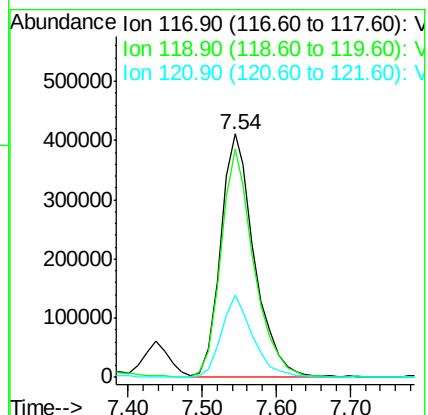
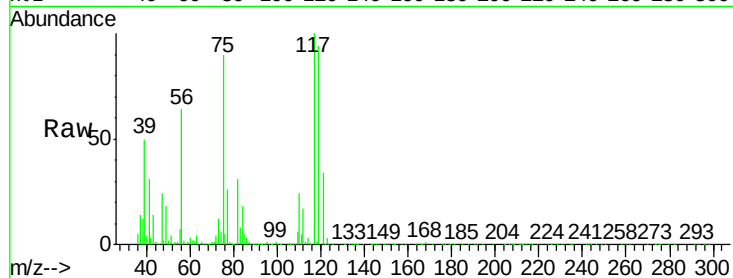
Tot Ion:117 Resp: 1286546

Ion Ratio Lower Upper

117 100

119 93.6 76.5 114.7

121 34.0 26.0 39.0



#38

Methylcyclohexane

Concen: 78.70 ug/l

RT: 8.88 min Scan# 626

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

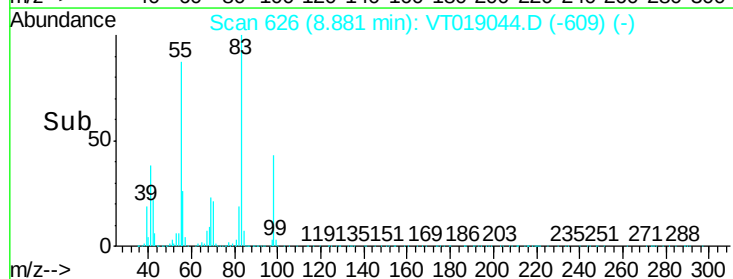
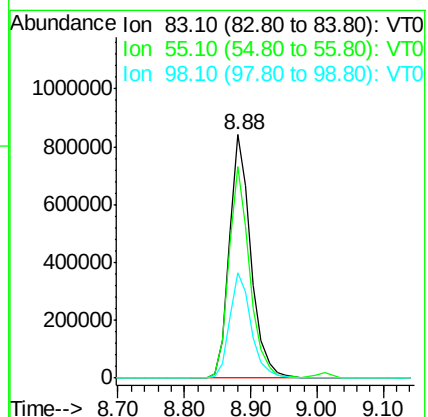
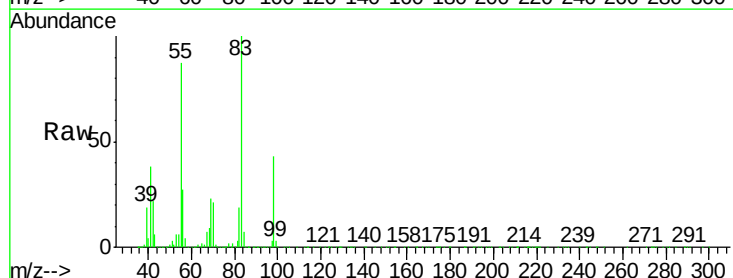
Tgt Ion: 83 Resp: 1925843

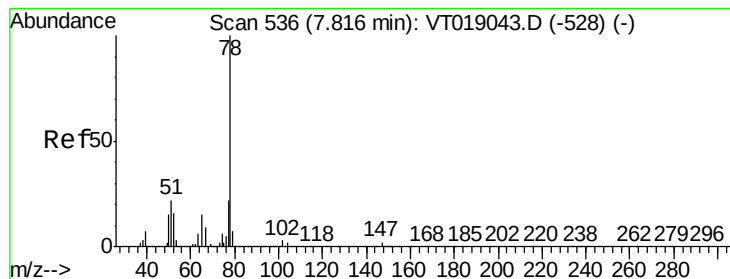
Ion Ratio Lower Upper

83 100

55 87.1 66.7 100.1

98 43.5 35.5 53.3





#39

Benzene

Concen: 75.97 ug/l

RT: 7.82 min Scan# 536

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

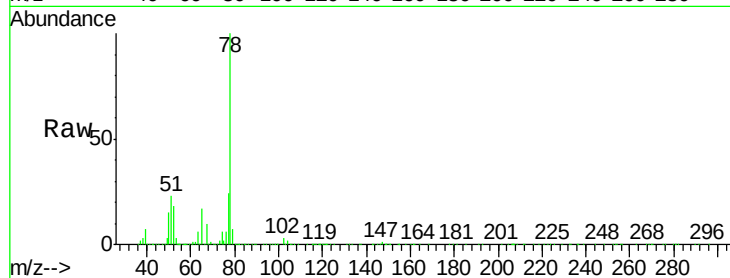
Tot Ion: 78 Resp: 4021143

Ion Ratio Lower Upper

78 100

77 23.8 18.0 27.0

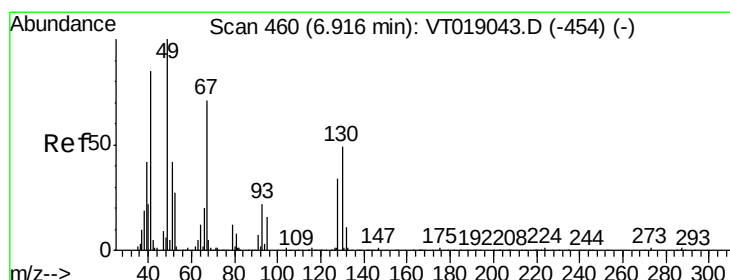
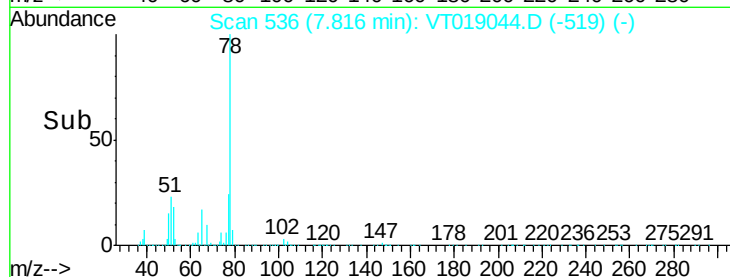
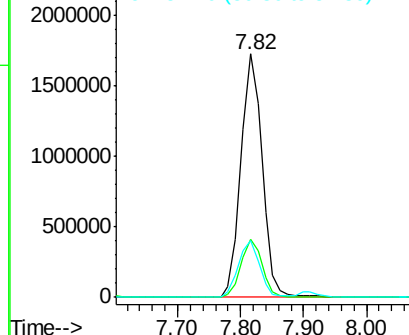
51 23.1 17.3 25.9



Abundance Ion 78.10 (77.80 to 78.80): VT0

Ion 77.10 (76.80 to 77.80): VT0

Ion 51.10 (50.80 to 51.80): VT0



#40

Methacrylonitrile

Concen: 58.08 ug/l

RT: 6.92 min Scan# 460

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Tgt Ion: 41 Resp: 242669

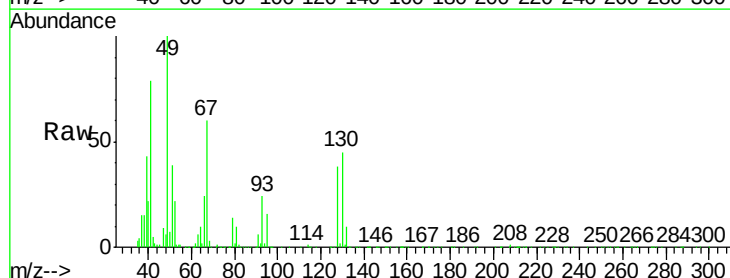
Ion Ratio Lower Upper

41 100

39 54.5 39.4 59.0

67 75.4 66.8 100.2

52 27.7 25.5 38.3

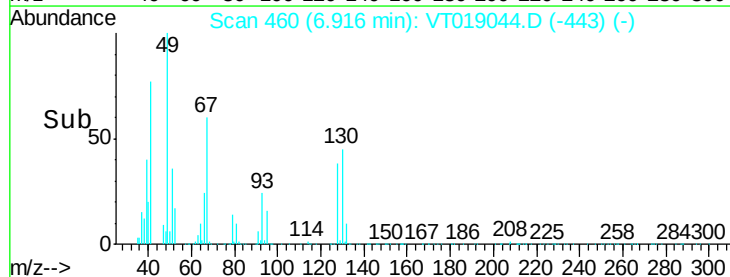
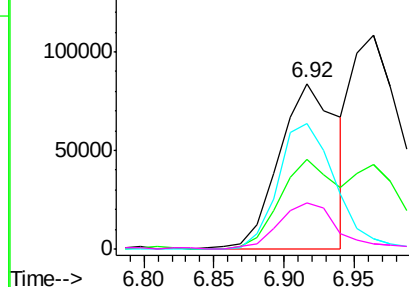


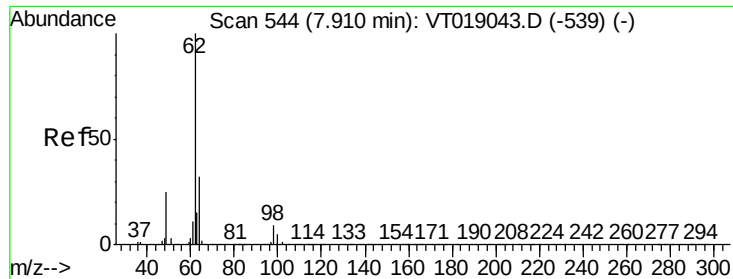
Abundance Ion 41.10 (40.80 to 41.80): VT0

Ion 39.10 (38.80 to 39.80): VT0

Ion 67.10 (66.80 to 67.80): VT0

Ion 52.10 (51.80 to 52.80): VT0





#41

1,2-Dichloroethane

Concen: 67.70 ug/l

RT: 7.91 min Scan# 544

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

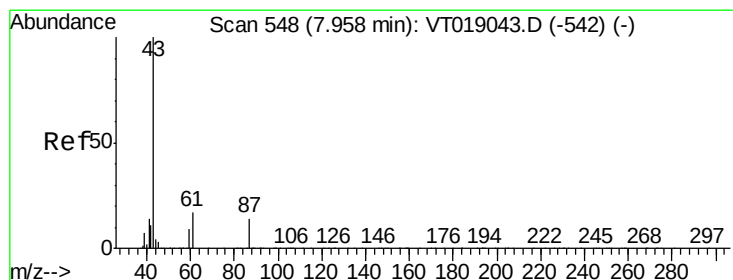
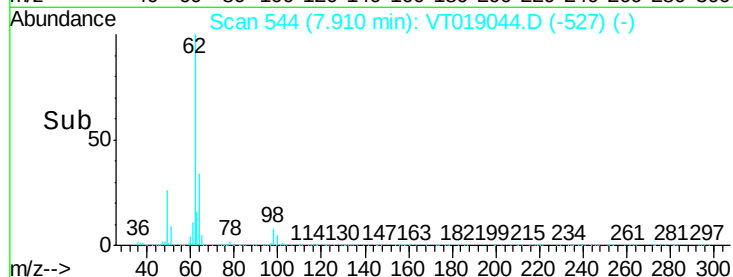
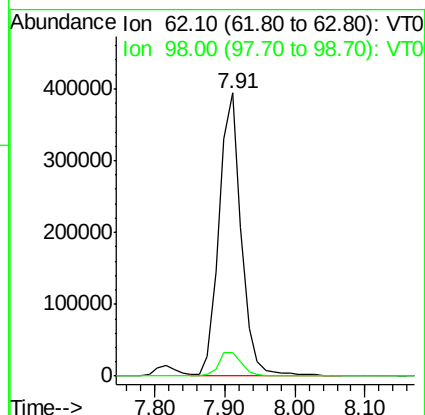
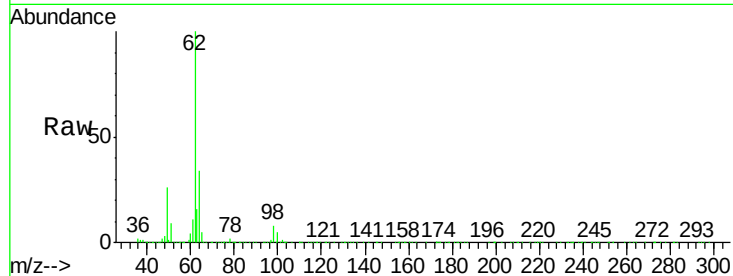
VSTDIC075

Tot Ion: 62 Resp: 862143

Ion Ratio Lower Upper

62 100

98 8.4 0.0 17.4



#42

Isopropyl Acetate

Concen: 60.23 ug/l

RT: 7.96 min Scan# 548

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

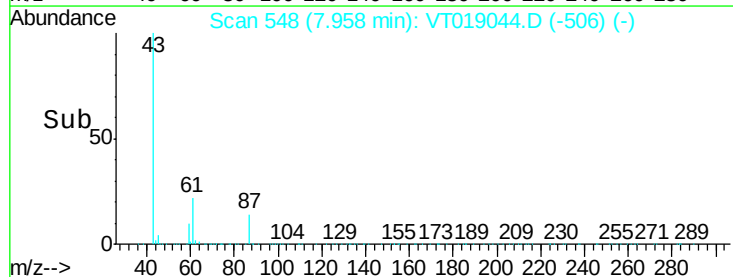
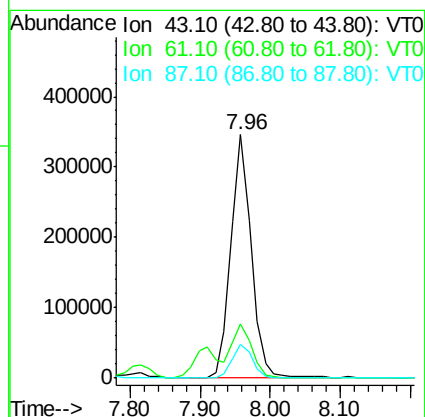
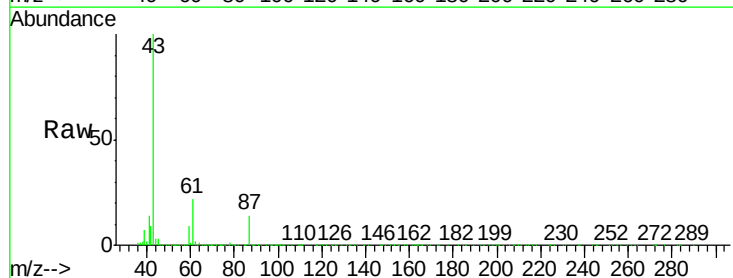
Tgt Ion: 43 Resp: 699028

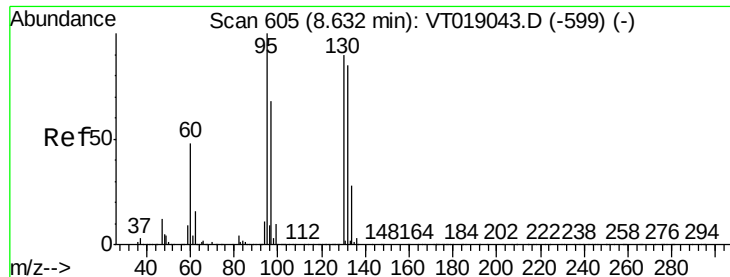
Ion Ratio Lower Upper

43 100

61 22.4 17.9 26.9

87 14.1 11.0 16.6





#43

Trichloroethene

Concen: 68.88 ug/l

RT: 8.63 min Scan# 605

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

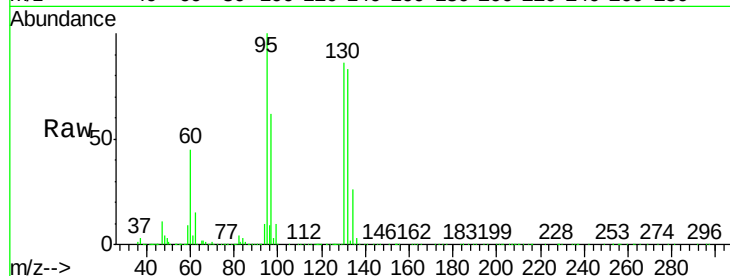
VSTDIC075

Tot Ion:130 Resp: 924402

Ion Ratio Lower Upper

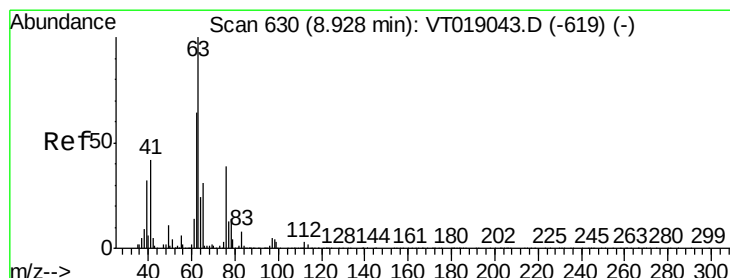
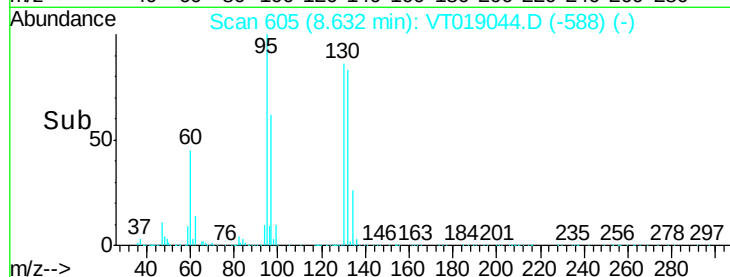
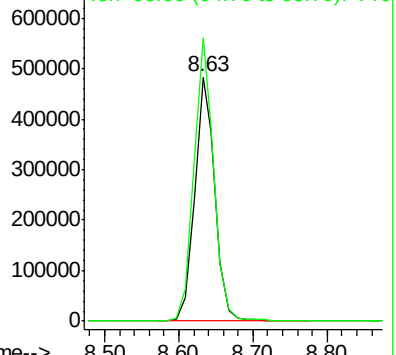
130 100

95 115.9 0.0 222.6



Abundance Ion 129.90 (129.60 to 130.60): VT0

Ion 95.00 (94.70 to 95.70): VT0



#44

1,2-Dichloropropane

Concen: 77.18 ug/l

RT: 8.92 min Scan# 629

Delta R.T. -0.01 min

Lab File: VT019044.D

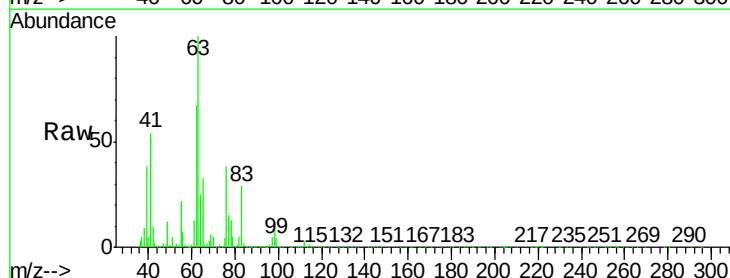
Acq: 8 May 2018 19:19

Tgt Ion: 63 Resp: 946468

Ion Ratio Lower Upper

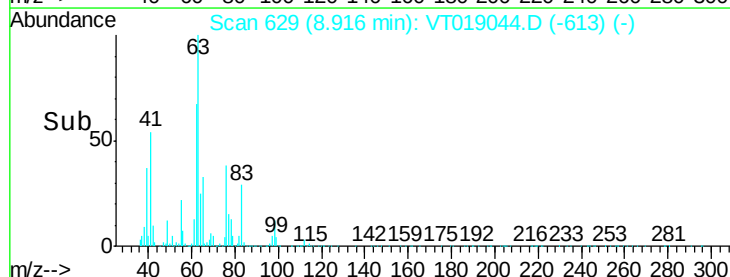
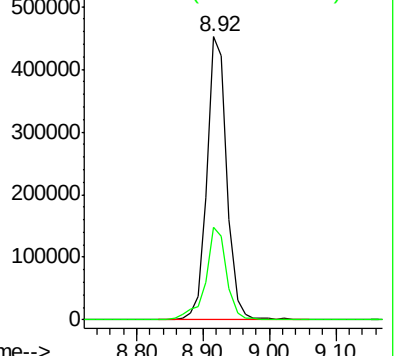
63 100

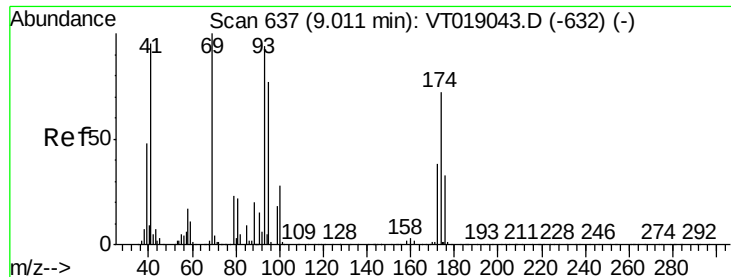
65 32.7 25.0 37.4



Abundance Ion 63.10 (62.80 to 63.80): VT0

Ion 65.10 (64.80 to 65.80): VT0

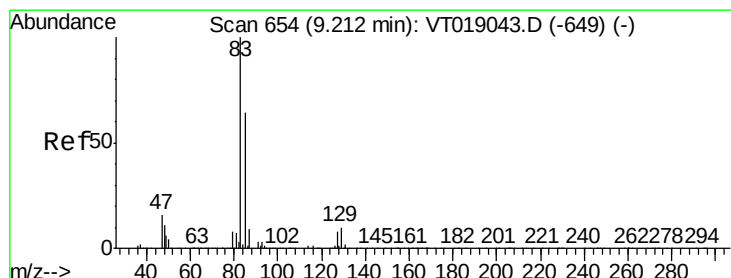
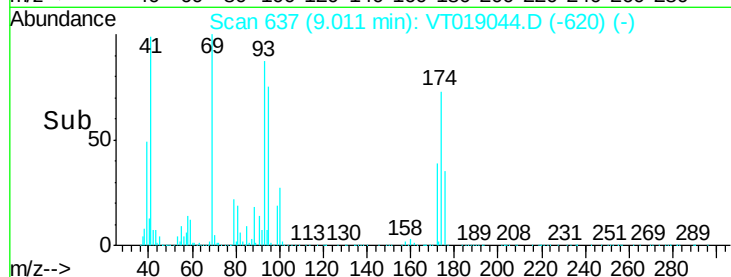
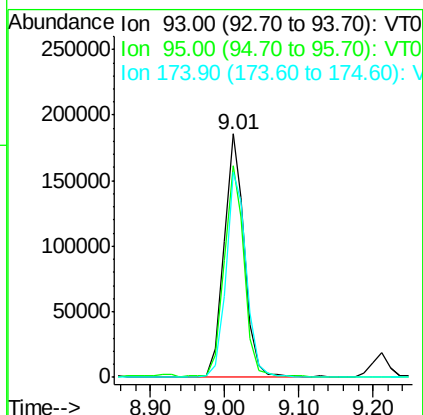
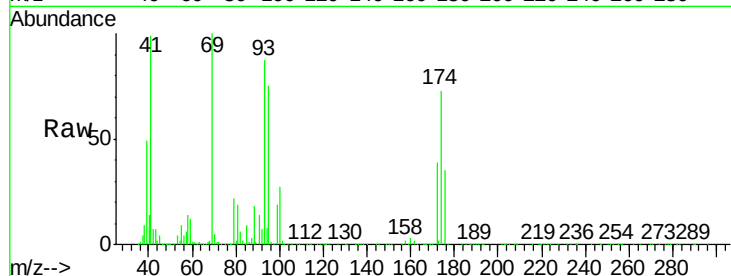




#45
Dibromomethane
Concen: 67.01 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

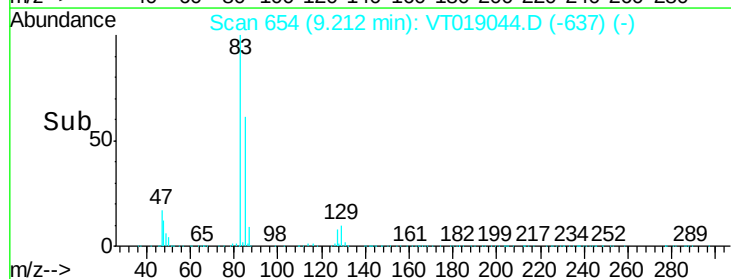
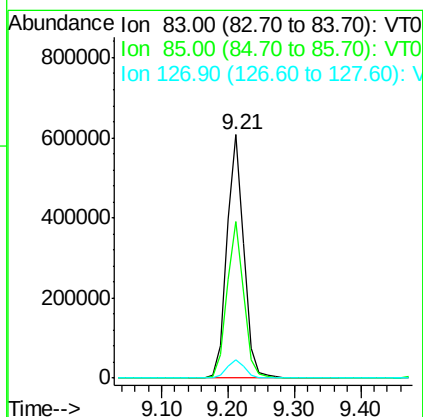
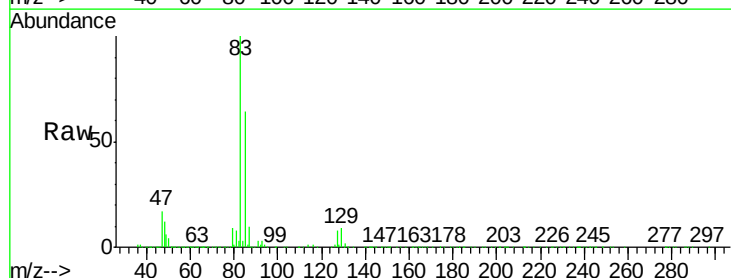
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

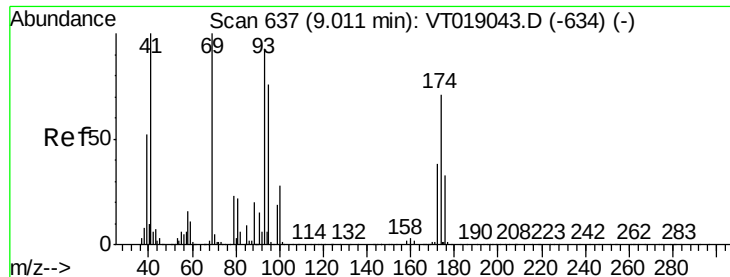
Tot Ion: 93 Resp: 360708
Ion Ratio Lower Upper
93 100
95 86.7 65.5 98.3
174 84.1 60.9 91.3



#46
Bromodichloromethane
Concen: 77.69 ug/l
RT: 9.21 min Scan# 654
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion: 83 Resp: 1088348
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9
127 7.7 6.1 9.1





#47

Methvl methacrylate

Concen: 56.39 ug/l

RT: 9.01 min Scan# 637

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

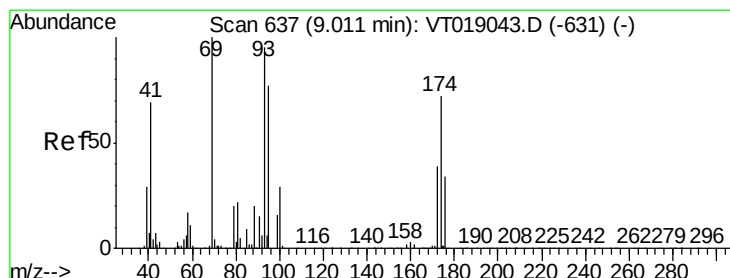
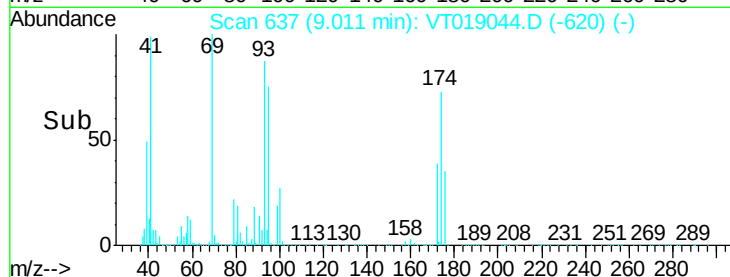
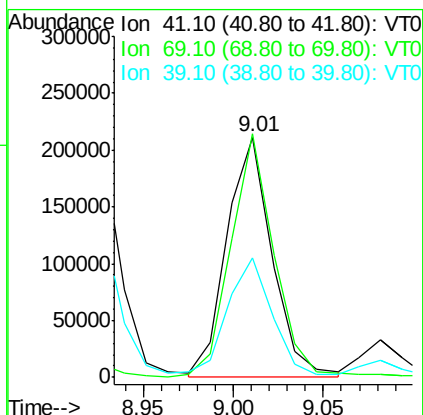
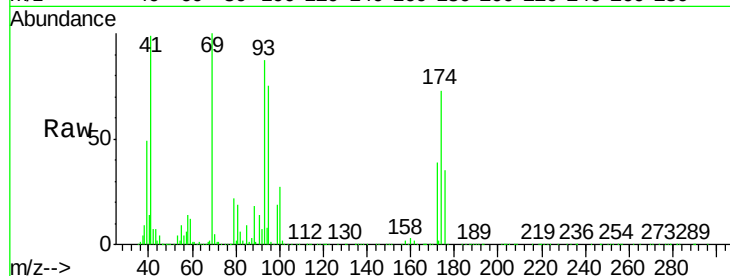
Tot Ion: 41 Resp: 371155

Ion Ratio Lower Upper

41 100

69 101.4 78.4 117.6

39 49.5 41.4 62.2



#48

1,4-Dioxane

Concen: 1109.30 ug/l

RT: 9.01 min Scan# 637

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

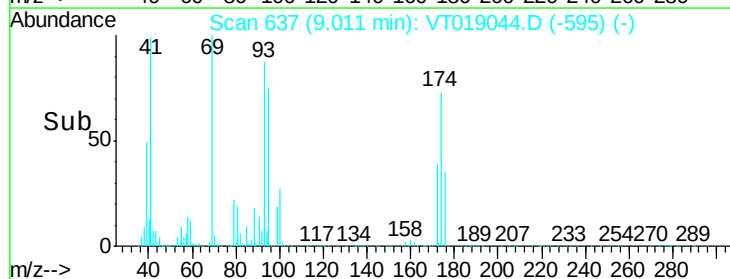
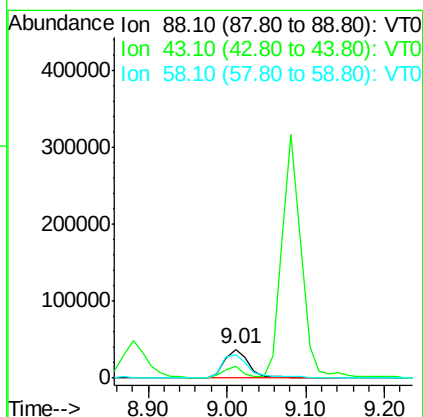
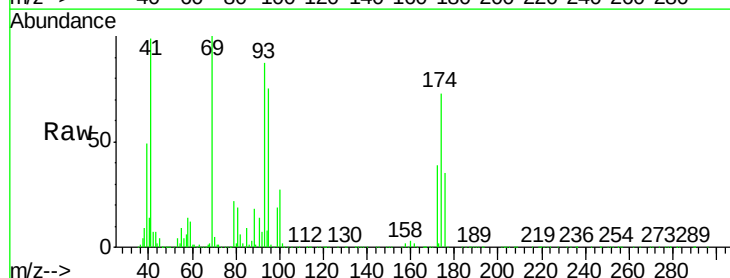
Tgt Ion: 88 Resp: 80471

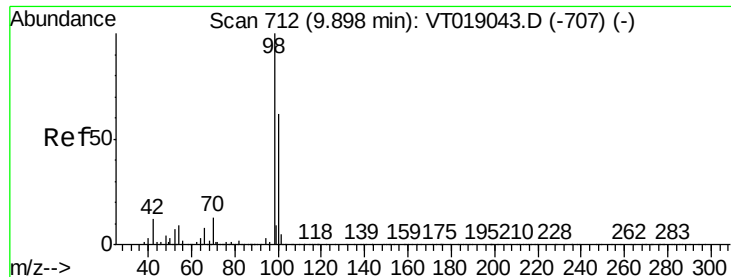
Ion Ratio Lower Upper

88 100

43 39.3 30.5 45.7

58 78.6 67.5 101.3





#49

Toluene-d8

Concen: 76.06 ug/l

RT: 9.90 min Scan# 712

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

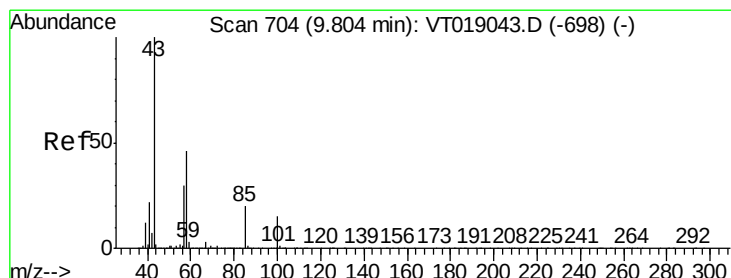
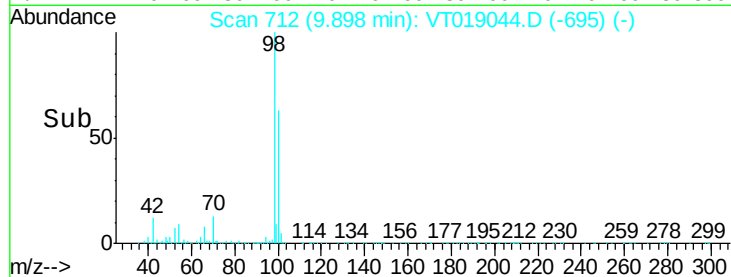
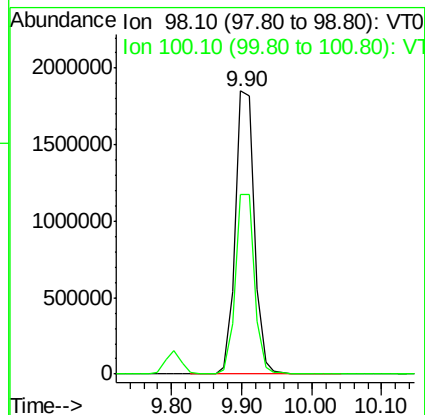
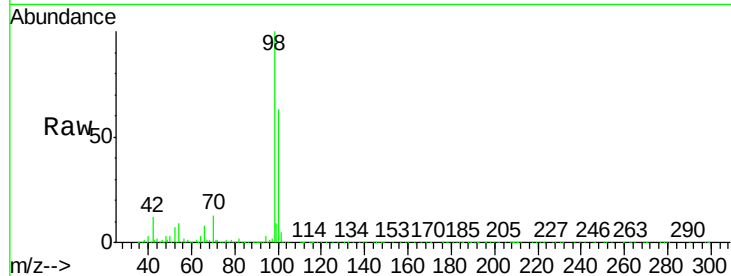
VSTDIC075

Tot Ion: 98 Resp: 3509760

Ion Ratio Lower Upper

98 100

100 63.3 50.0 75.0



#50

4-Methyl-2-Pentanone

Concen: 269.31 ug/l

RT: 9.80 min Scan# 704

Delta R.T. -0.00 min

Lab File: VT019044.D

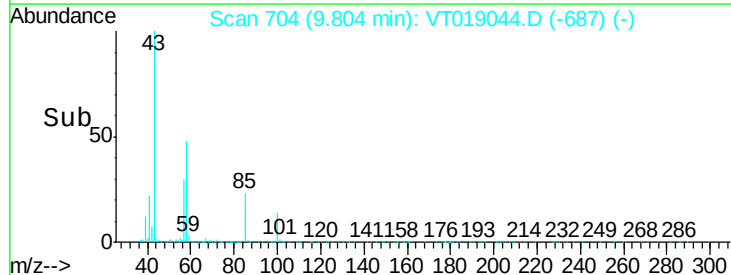
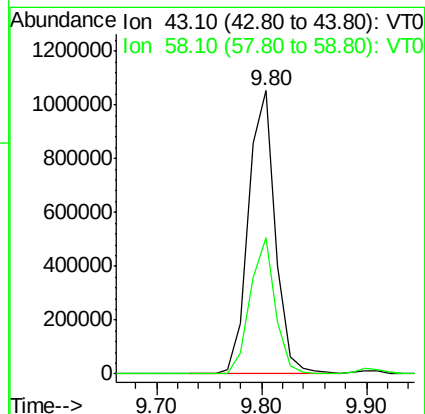
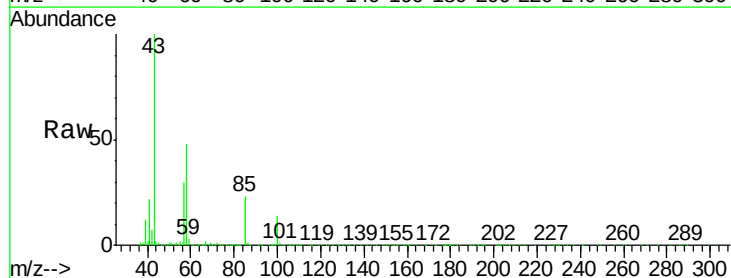
Acq: 8 May 2018 19:19

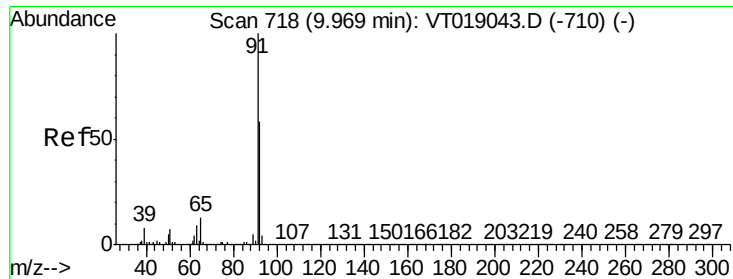
Tgt Ion: 43 Resp: 1854076

Ion Ratio Lower Upper

43 100

58 48.0 36.6 54.8





#51

Toluene

Concen: 73.65 ug/l

RT: 9.97 min Scan# 718

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

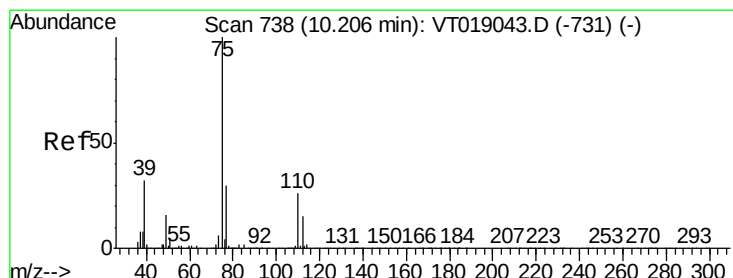
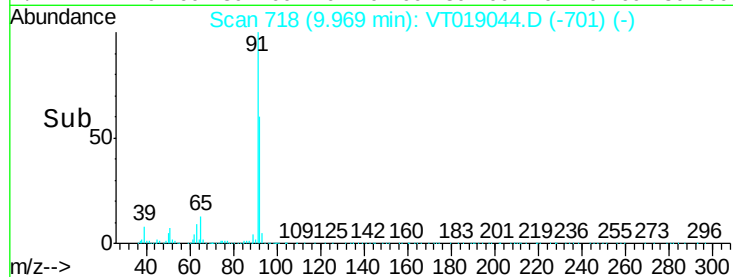
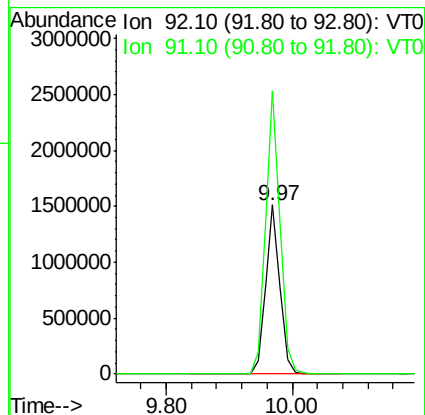
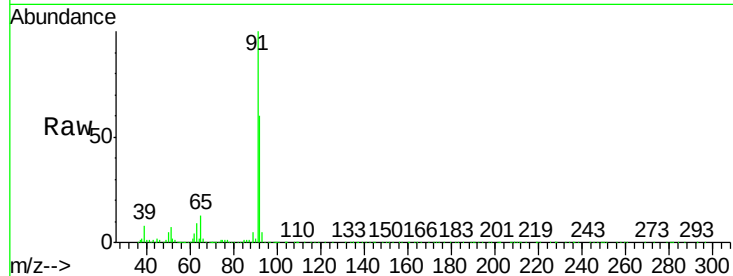
VSTDIC075

Tot Ion: 92 Resp: 2417401

Ion Ratio Lower Upper

92 100

91 167.2 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 77.44 ug/l

RT: 10.19 min Scan# 737

Delta R.T. -0.01 min

Lab File: VT019044.D

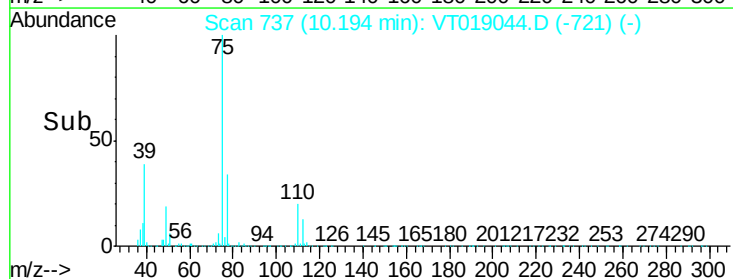
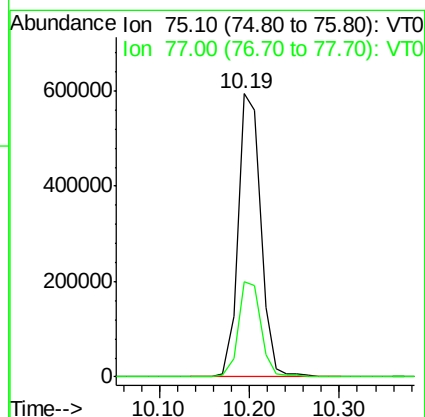
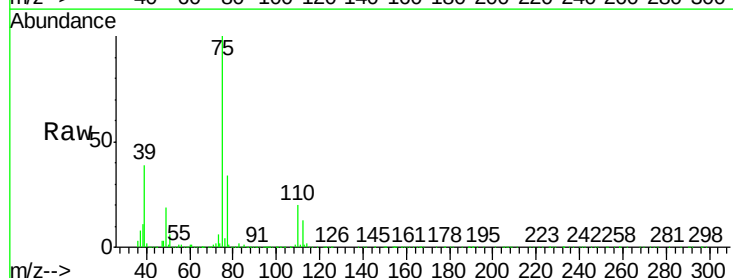
Acq: 8 May 2018 19:19

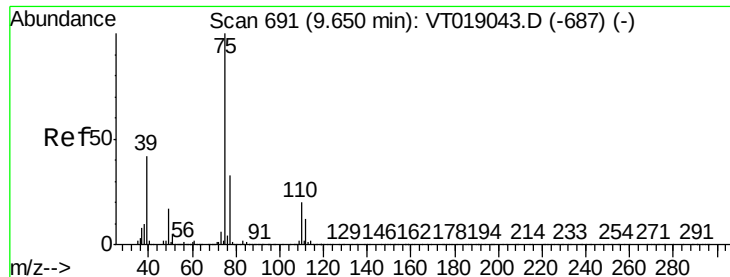
Tgt Ion: 75 Resp: 1045237

Ion Ratio Lower Upper

75 100

77 33.7 24.6 36.8





#53

cis-1,3-Dichloropropene

Concen: 77.91 ug/l

RT: 9.65 min Scan# 691

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

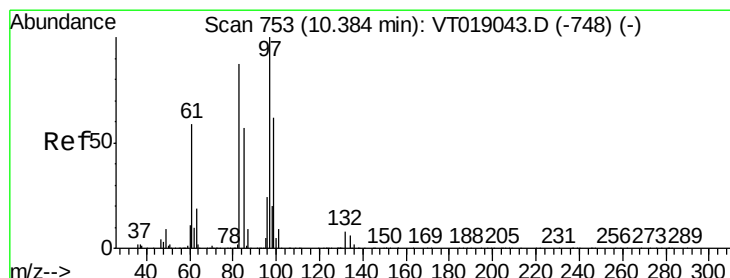
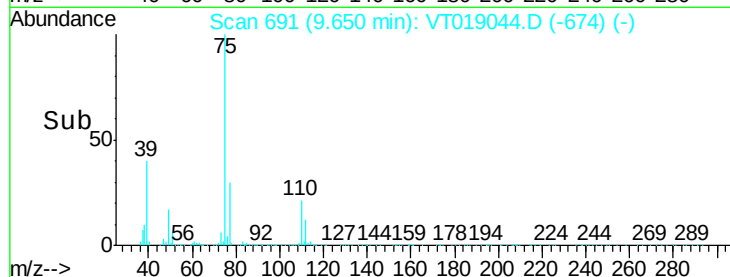
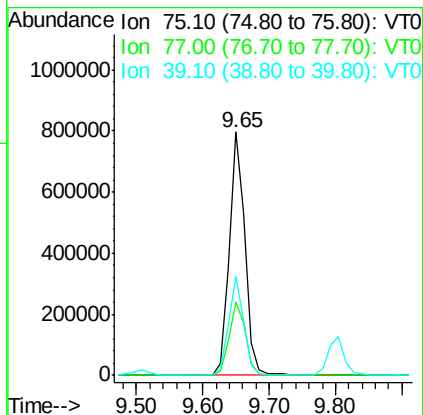
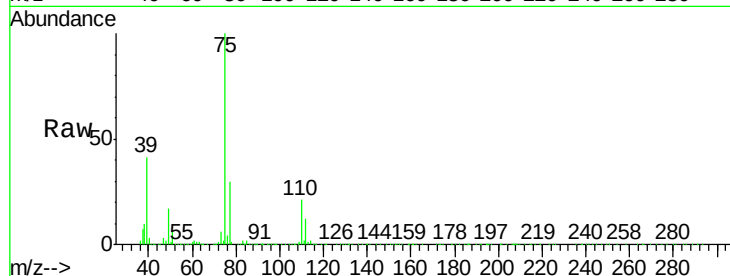
MSVOA_T

ClientSampleId :

VSTDIC075

Tot Ion: 75 Resp: 1327379

Ion	Ratio	Lower	Upper
75	100		
77	30.1	26.6	39.8
39	40.6	34.1	51.1



#54

1,1,2-Trichloroethane

Concen: 67.39 ug/l

RT: 10.38 min Scan# 753

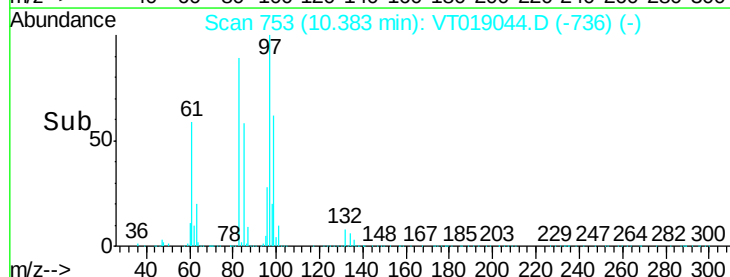
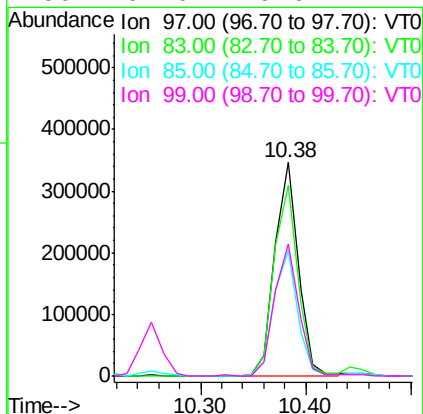
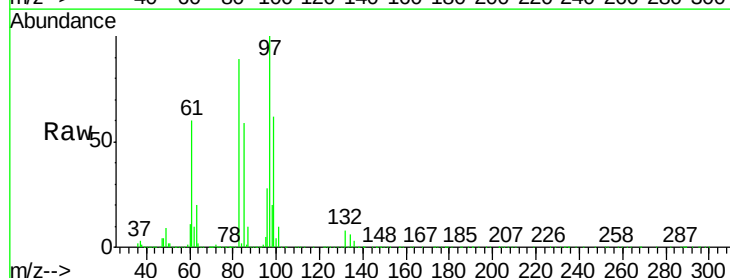
Delta R.T. -0.00 min

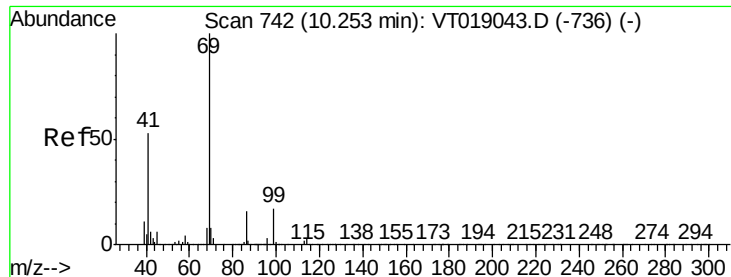
Lab File: VT019044.D

Acq: 8 May 2018 19:19

Tgt Ion: 97 Resp: 541738

Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.7	104.5
85	58.6	46.1	69.1
99	61.6	49.6	74.4





#55

Ethyl methacrylate

Concen: 74.62 ug/l

RT: 10.25 min Scan# 742

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

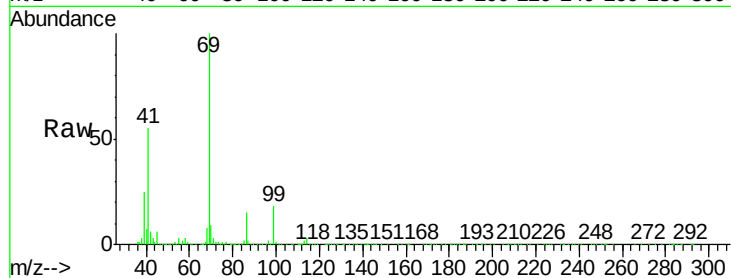
Tot Ion: 69 Resp: 731681

Ion	Ratio	Lower	Upper
69	100		
41	54.7	42.9	64.3
39	25.1	21.2	31.8

69 100

41 54.7 42.9 64.3

39 25.1 21.2 31.8



Abundance Ion 69.10 (68.80 to 69.80): VT0

Ion 41.10 (40.80 to 41.80): VT0

Ion 39.10 (38.80 to 39.80): VT0

600000

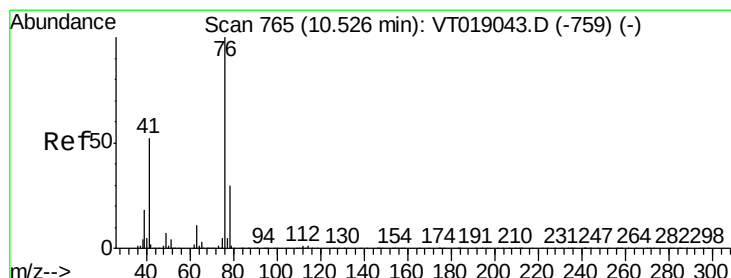
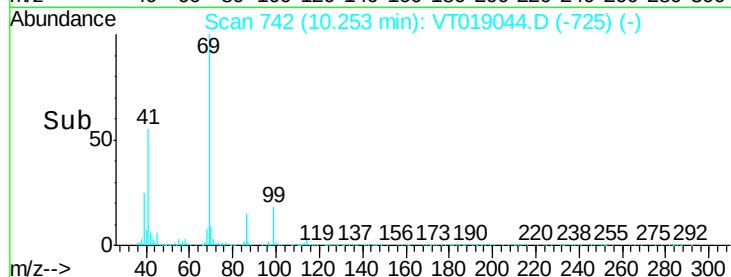
400000

200000

0

10.10 10.20 10.30 10.40

Time-->



#56

1,3-Dichloropropane

Concen: 73.22 ug/l

RT: 10.53 min Scan# 765

Delta R.T. -0.00 min

Lab File: VT019044.D

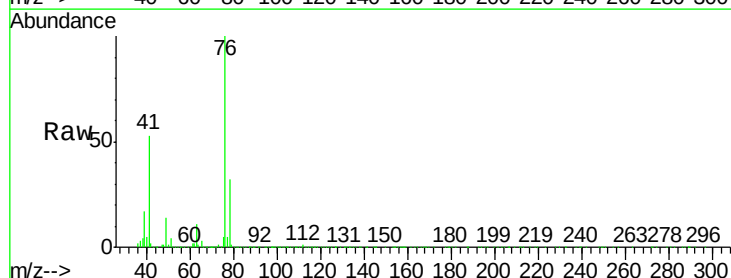
Acq: 8 May 2018 19:19

Tgt Ion: 76 Resp: 1021703

Ion	Ratio	Lower	Upper
76	100		
78	32.0	24.1	36.1

76 100

78 32.0 24.1 36.1



Abundance Ion 76.10 (75.80 to 76.80): VT0

Ion 78.10 (77.80 to 78.80): VT0

600000

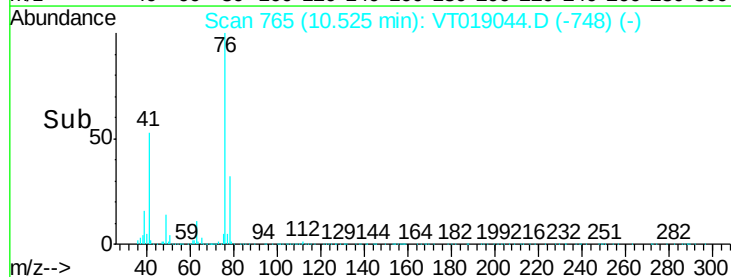
400000

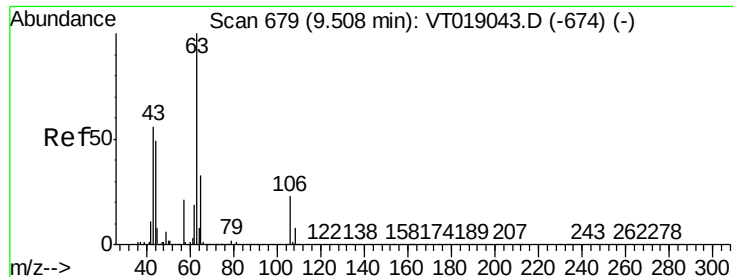
200000

0

10.40 10.50 10.60 10.70

Time-->

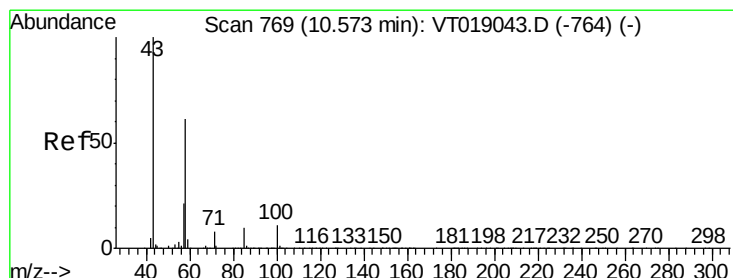
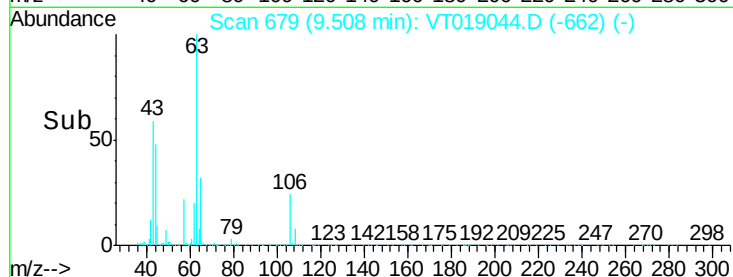
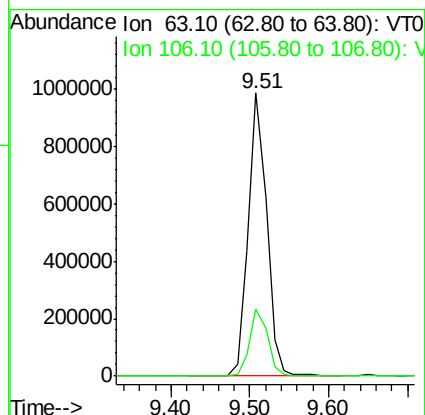
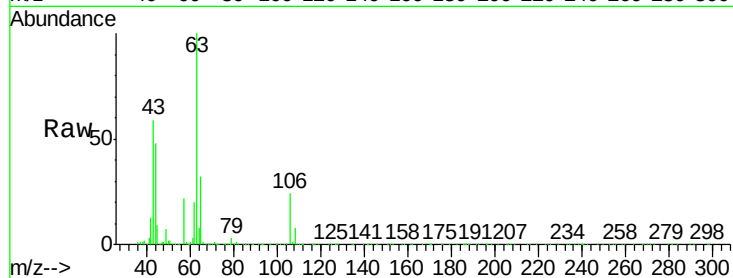




#57
2-Chloroethyl Vinyl ether
Concen: 392.12 ug/l
RT: 9.51 min Scan# 679
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

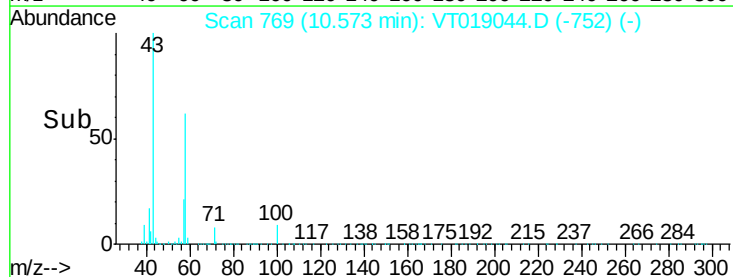
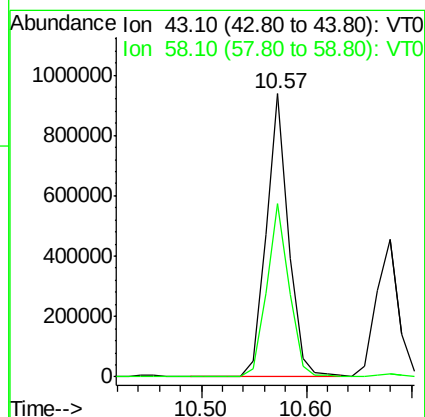
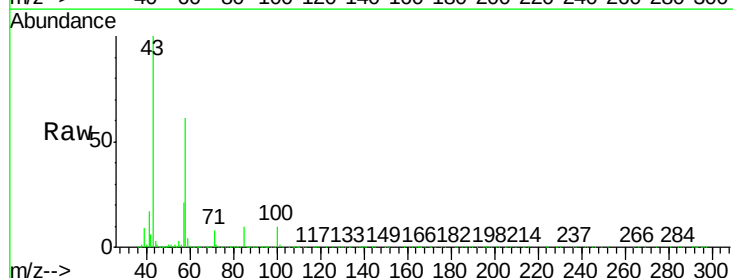
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

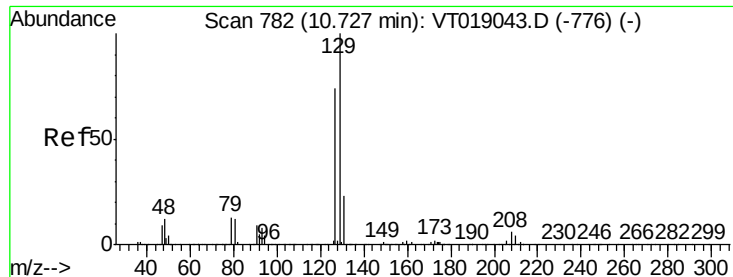
Tot Ion: 63 Resp: 1601642
Ion Ratio Lower Upper
63 100
106 23.7 18.7 28.1



#58
2-Hexanone
Concen: 266.18 ug/l
RT: 10.57 min Scan# 769
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion: 43 Resp: 1383888
Ion Ratio Lower Upper
43 100
58 61.4 30.6 92.0





#59

Dibromochloromethane

Concen: 65.10 ug/l

RT: 10.73 min Scan# 782

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

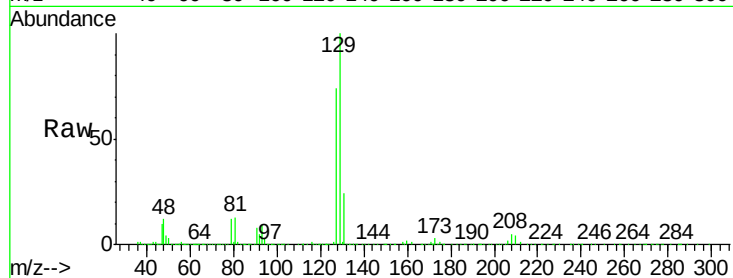
VSTDIC075

Tot Ion:129 Resp: 603752

Ion Ratio Lower Upper

129 100

127 74.0 37.3 111.8



Abundance Ion 128.90 (128.60 to 129.60): V

Ion 126.90 (126.60 to 127.60): V

10.73

400000

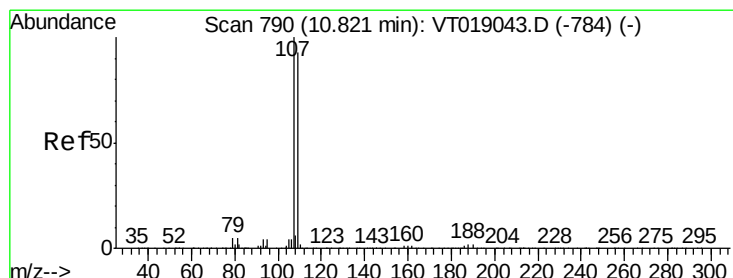
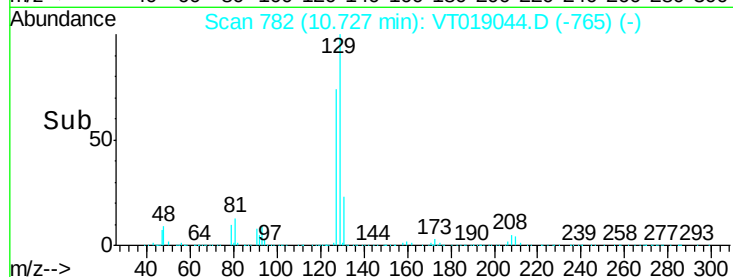
300000

200000

100000

0

Time-->



#60

1,2-Dibromoethane

Concen: 67.37 ug/l

RT: 10.82 min Scan# 790

Delta R.T. -0.00 min

Lab File: VT019044.D

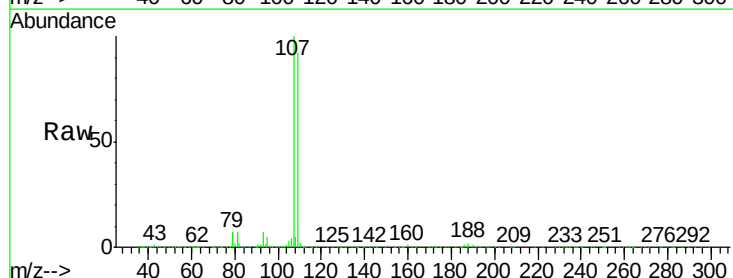
Acq: 8 May 2018 19:19

Tgt Ion:107 Resp: 499422

Ion Ratio Lower Upper

107 100

109 92.0 74.3 111.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.82

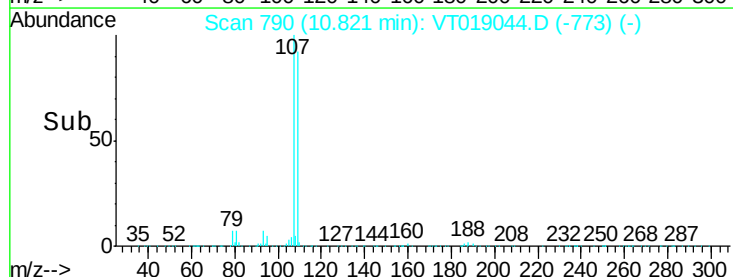
300000

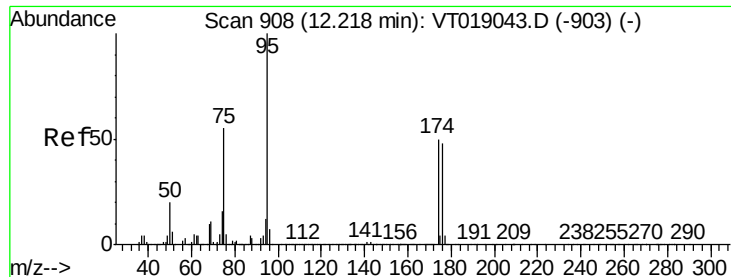
200000

100000

0

Time-->





#61

4-Bromofluorobenzene

Concen: 83.87 ug/l

RT: 12.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

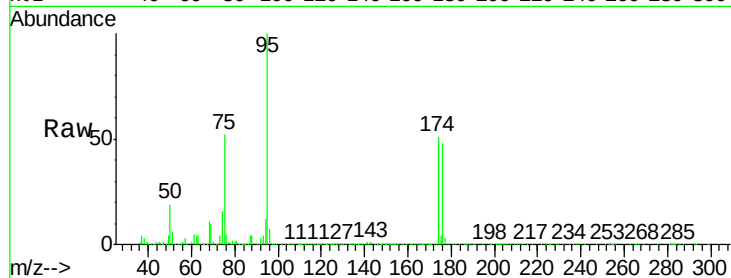
MSVOA_T

ClientSampleId :

VSTDIC075

Tot Ion: 95 Resp: 1339677

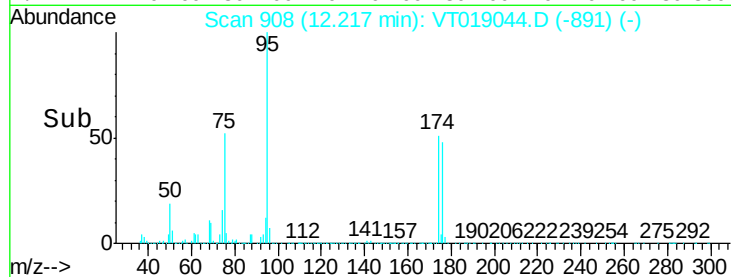
Ion	Ratio	Lower	Upper
95	100		
174	51.1	0.0	100.0
176	47.8	0.0	96.6



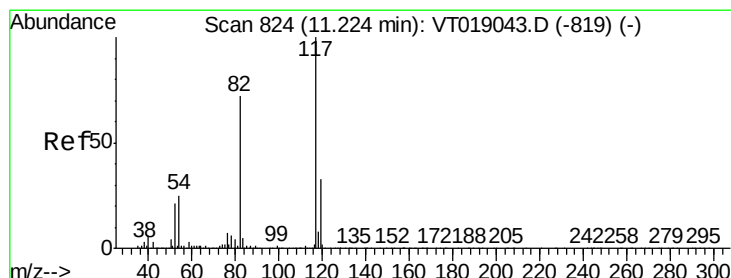
Abundance Ion 95.10 (94.80 to 95.80): VT0

Ion 174.00 (173.70 to 174.70): VT0

Ion 176.00 (175.70 to 176.70): VT0



Time-->



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

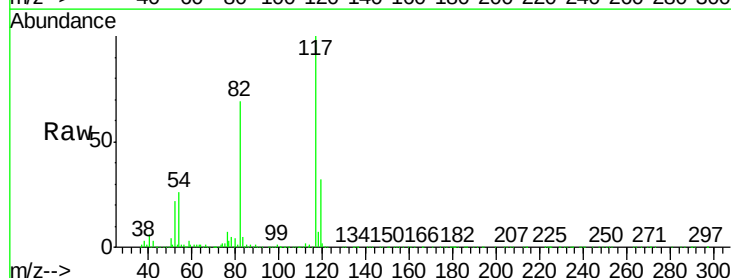
Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Tgt Ion: 117 Resp: 1712823

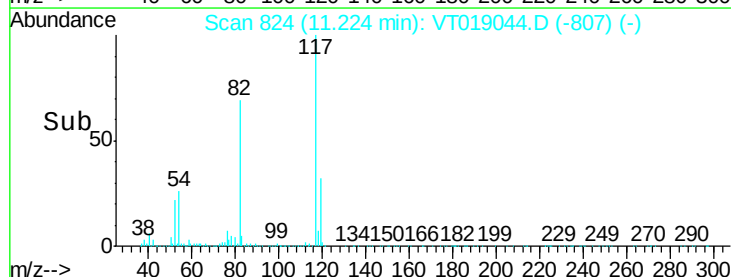
Ion	Ratio	Lower	Upper
117	100		
82	68.6	57.6	86.4
119	32.4	26.6	40.0



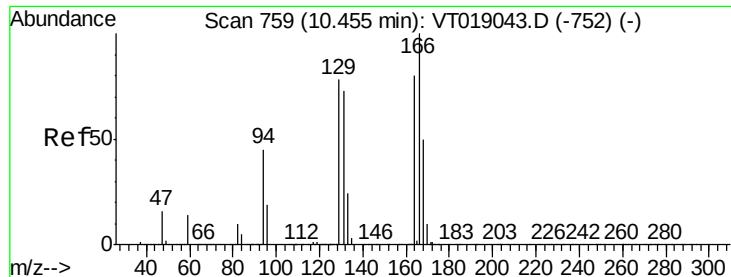
Abundance Ion 117.10 (116.80 to 117.80): VT0

Ion 82.10 (81.80 to 82.80): VT0

Ion 119.10 (118.80 to 119.80): VT0



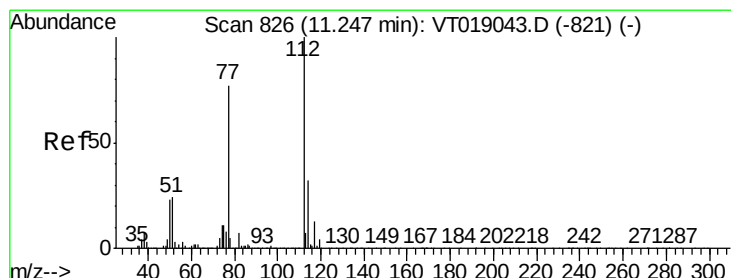
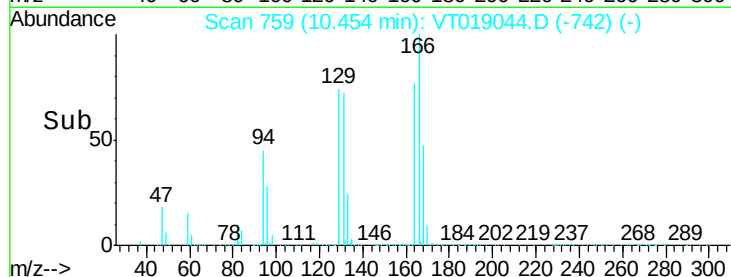
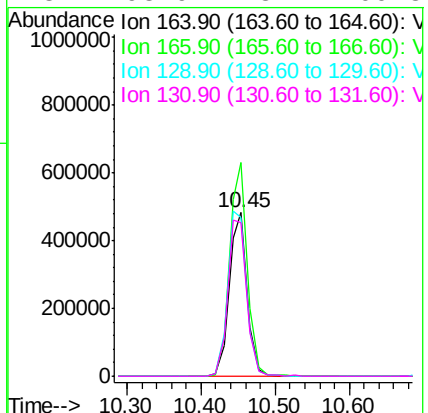
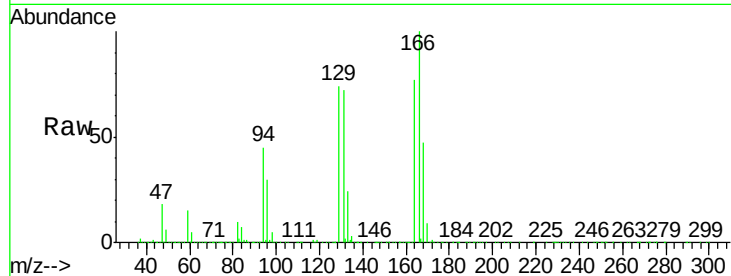
Time-->



#63
Tetrachloroethene
Concen: 66.11 ug/l
RT: 10.45 min Scan# 759
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

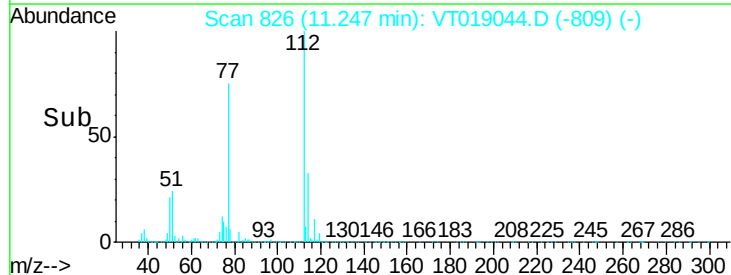
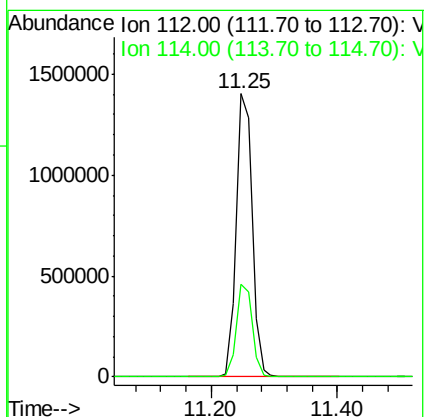
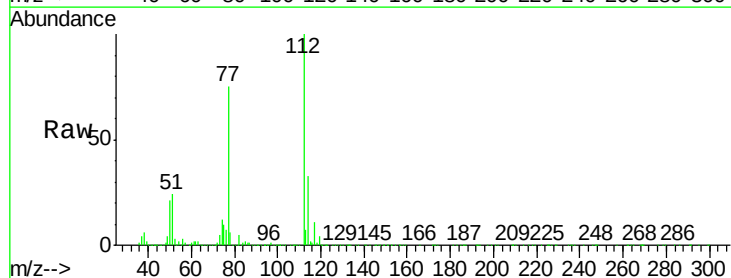
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

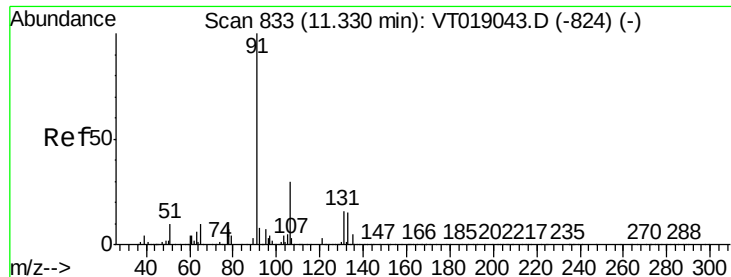
Tot Ion	Ratio	Lower	Upper
164	100		
166	130.7	100.6	151.0
129	97.1	78.1	117.1
131	93.9	73.2	109.8



#64
Chlorobenzene
Concen: 65.71 ug/l
RT: 11.25 min Scan# 826
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.5	38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 69.95 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

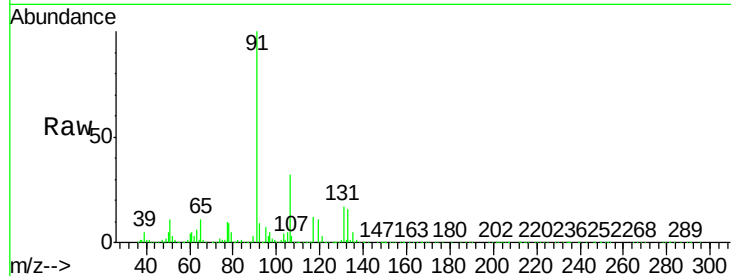
Tot Ion:131 Resp: 811343

Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.3

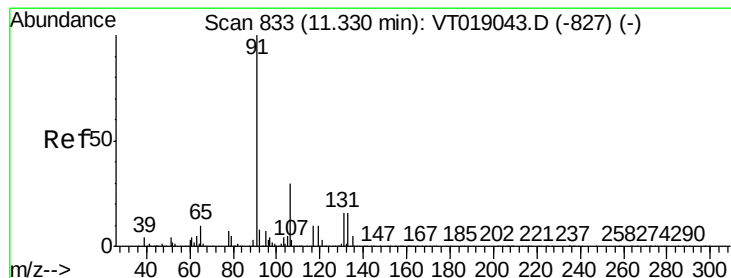
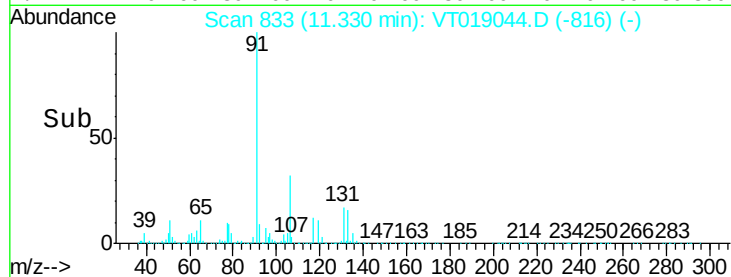
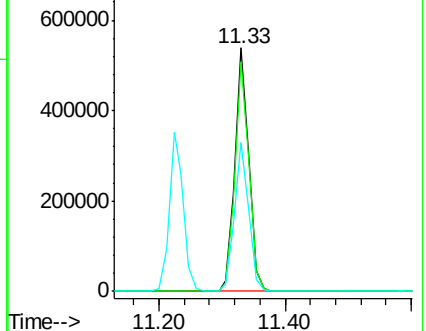
119 61.2 31.8 95.4



Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.90 (118.60 to 119.60): V



#66

Ethyl Benzene

Concen: 74.83 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019044.D

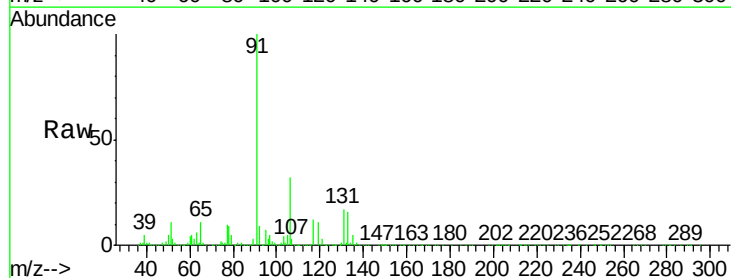
Acq: 8 May 2018 19:19

Tgt Ion: 91 Resp: 4816757

Ion Ratio Lower Upper

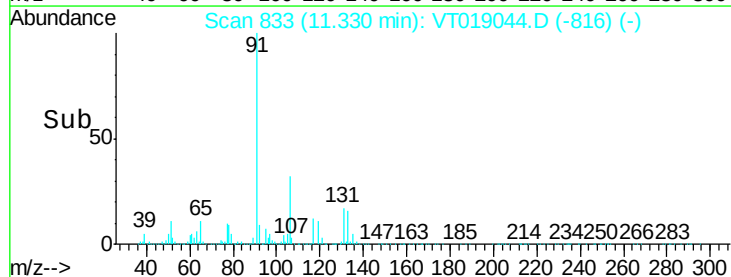
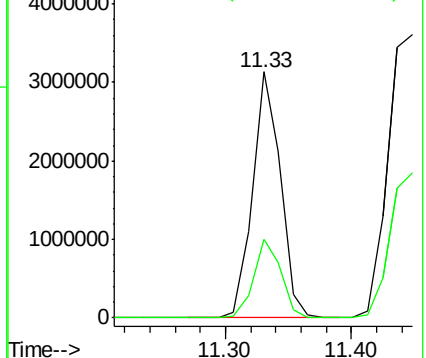
91 100

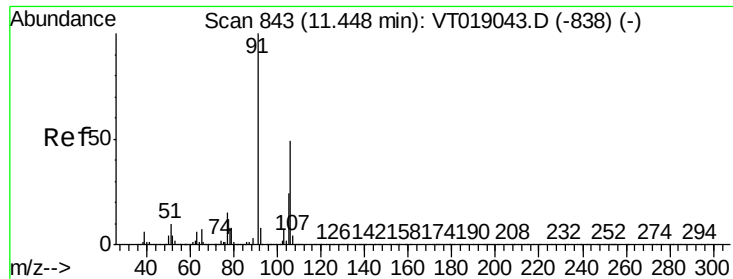
106 32.1 24.0 36.0



Abundance Ion 91.10 (90.80 to 91.80): VT0

Ion 106.10 (105.80 to 106.80): V

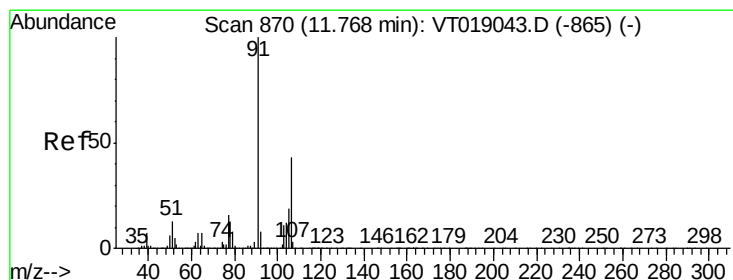
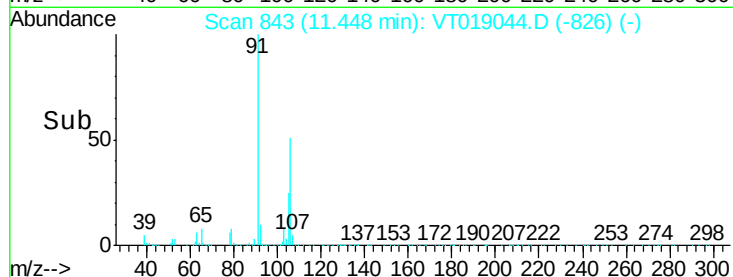
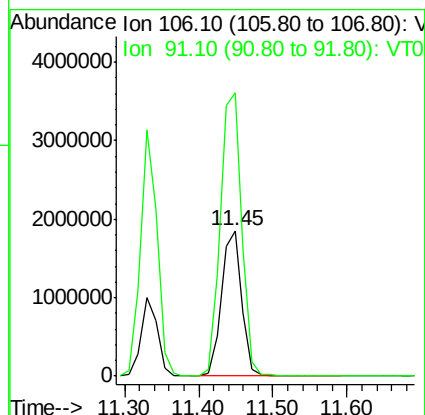
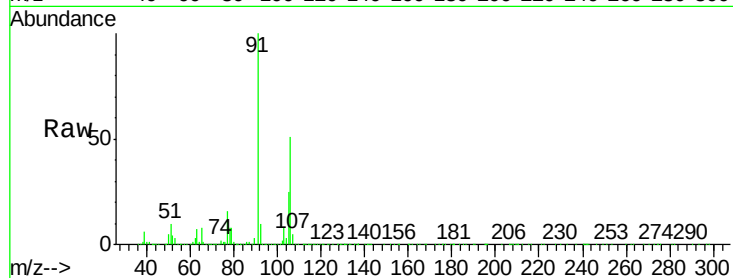




#67
m/p-Xylenes
Concen: 138.12 ug/l
RT: 11.45 min Scan# 843
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

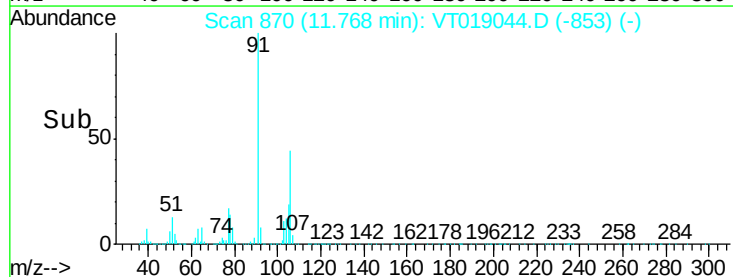
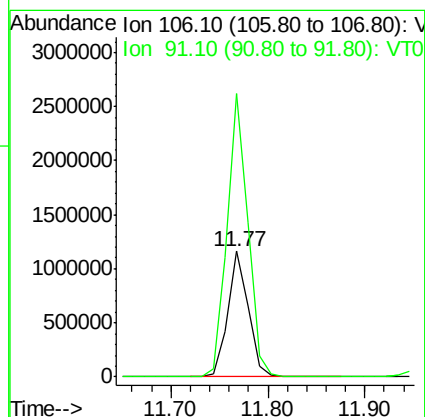
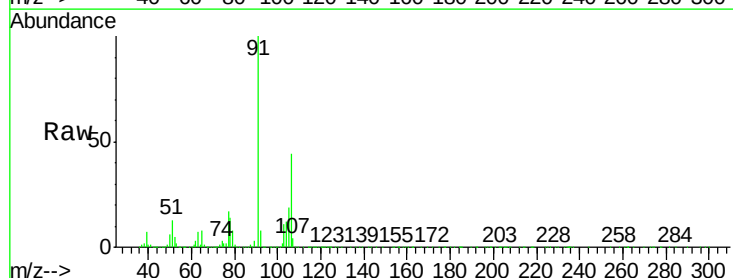
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

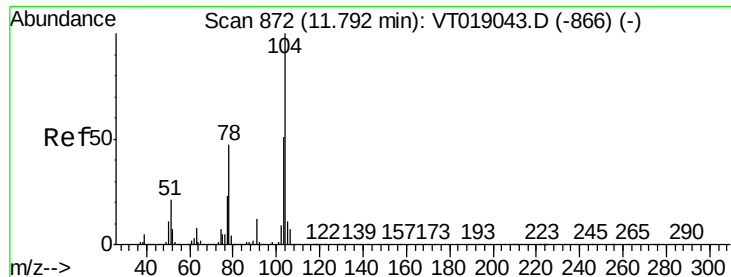
Tot Ion:106 Resp: 3551422
Ion Ratio Lower Upper
106 100
91 194.3 162.2 243.4



#68
o-Xylene
Concen: 72.33 ug/l
RT: 11.77 min Scan# 870
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion:106 Resp: 1694654
Ion Ratio Lower Upper
106 100
91 225.4 116.0 348.0

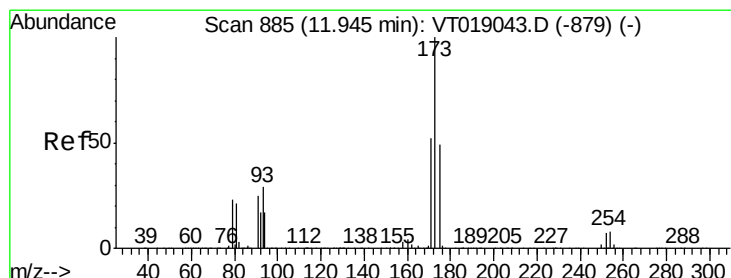
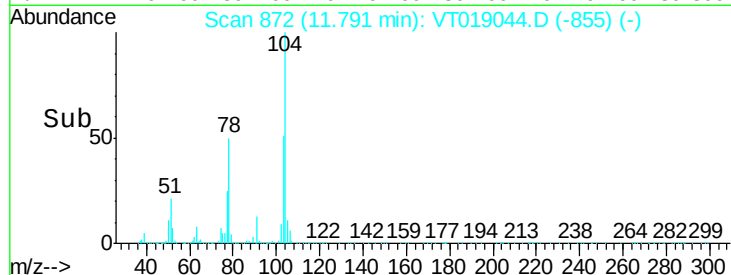
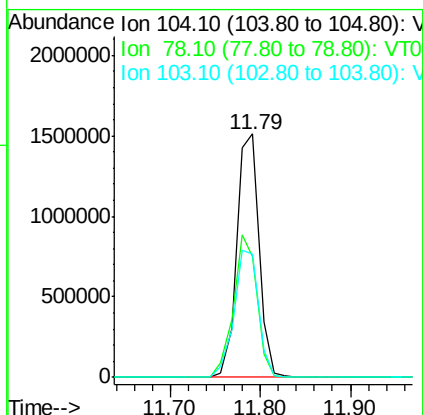
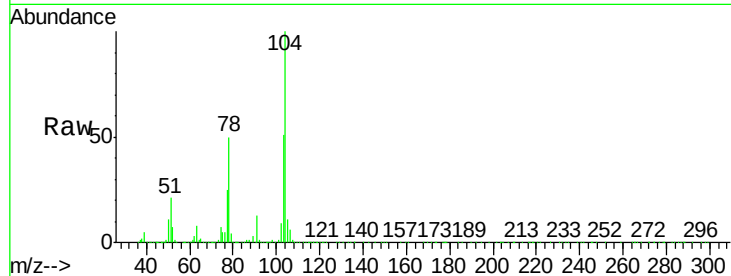




#69
Stvrene
Concen: 66.83 ug/l
RT: 11.79 min Scan# 872
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

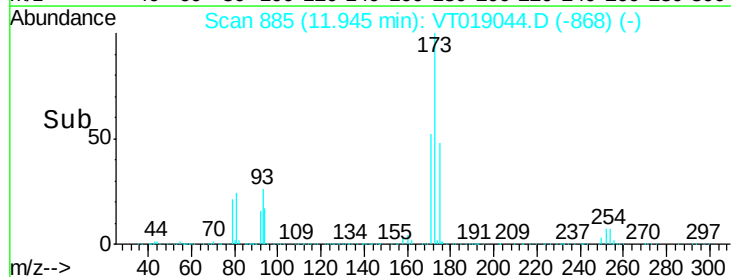
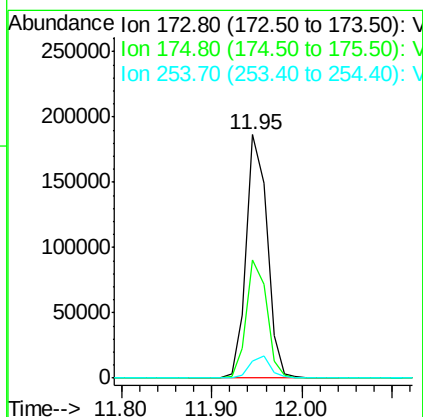
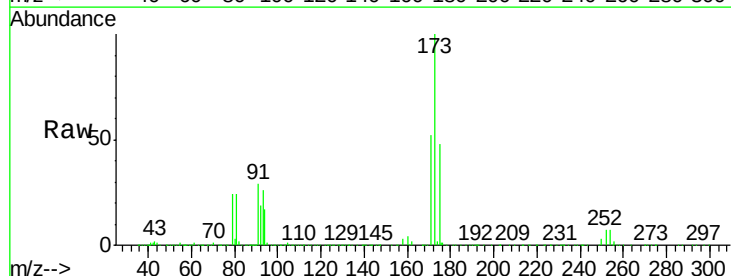
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

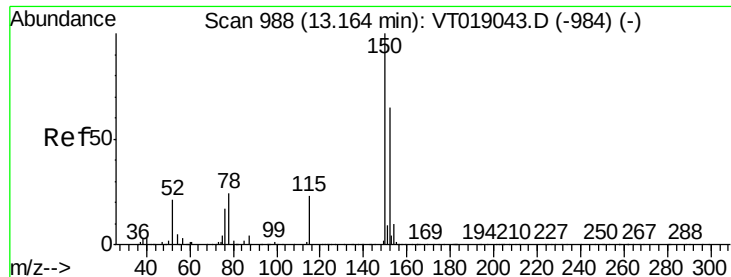
Tot Ion:104 Resp: 2606880
Ion Ratio Lower Upper
104 100
78 49.8 38.0 57.0
103 50.9 40.6 61.0



#70
Bromoform
Concen: 51.20 ug/l
RT: 11.95 min Scan# 885
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion:173 Resp: 302062
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 7.0 6.1 9.1



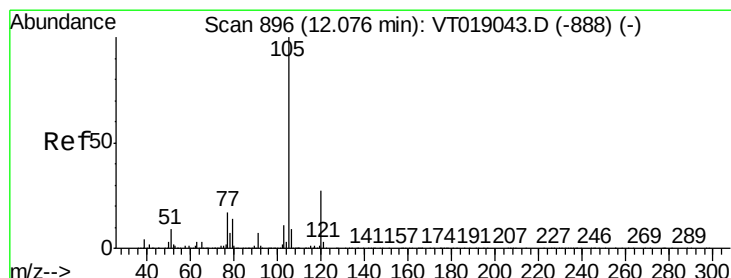
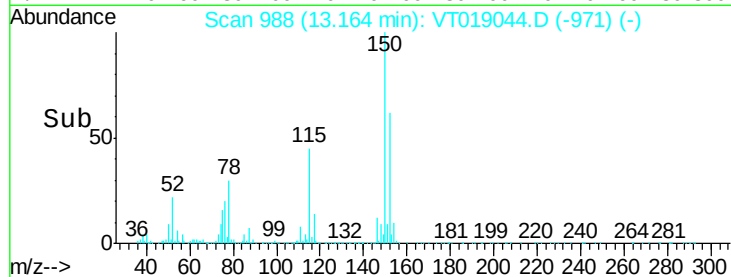
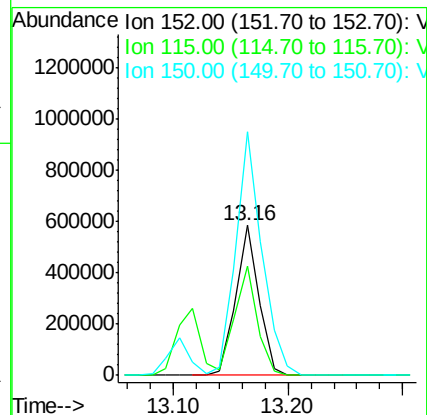
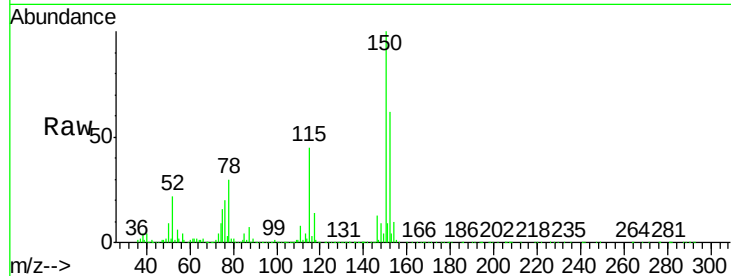


#71

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.16 min Scan# 988
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

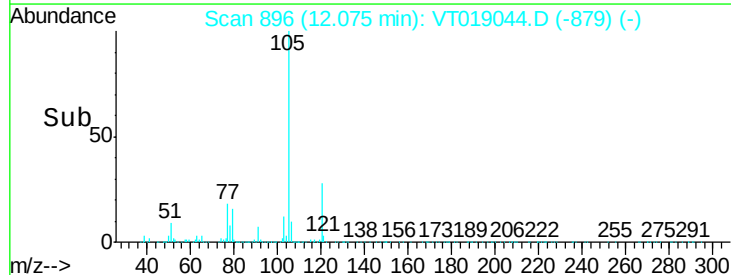
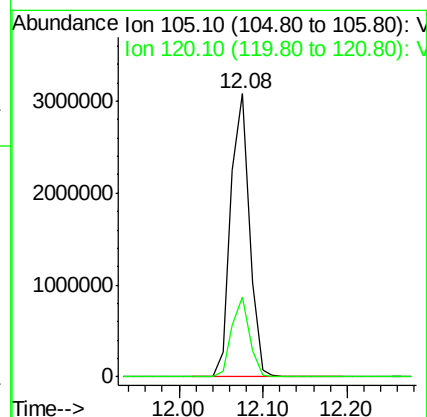
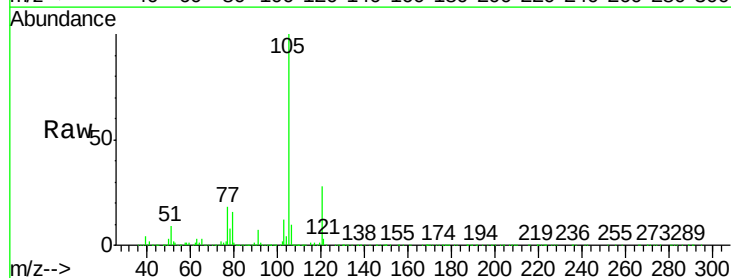
Tot Ion	Ratio	Lower	Upper
152	100		
115	73.1	34.2	102.6
150	162.3	0.0	321.2

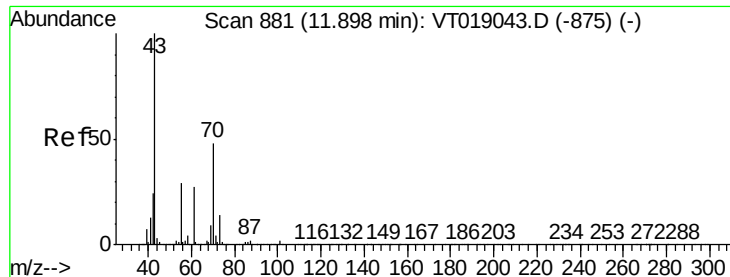


#72

Isopropylbenzene
Concen: 79.20 ug/l
RT: 12.08 min Scan# 896
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.6	40.8





#73

N-amvl acetate

Concen: 66.78 ug/l

RT: 11.90 min Scan# 881

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 771852

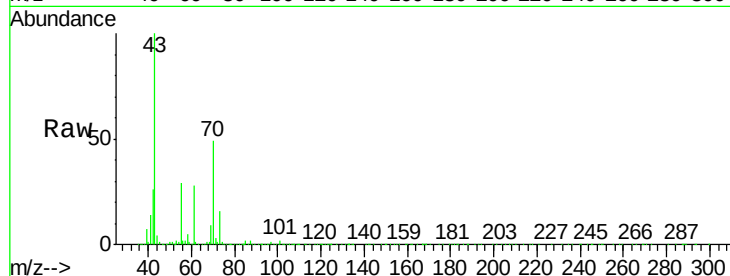
Ion Ratio Lower Upper

43 100

70 49.2 38.2 57.4

55 29.0 23.5 35.3

61 28.3 21.7 32.5

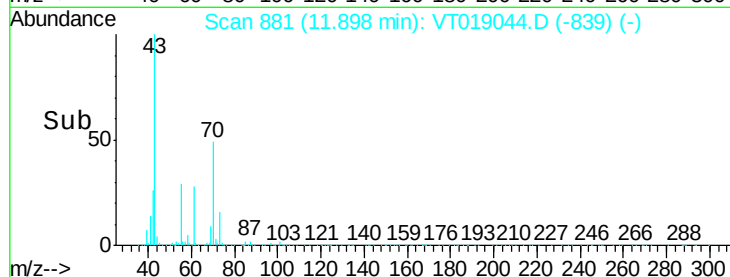


Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 70.10 (69.80 to 70.80): VT0

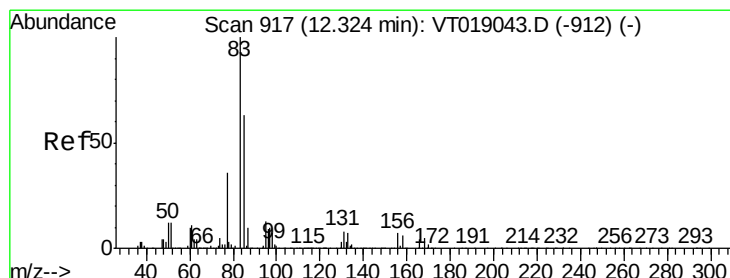
Ion 55.10 (54.80 to 55.80): VT0

Ion 61.10 (60.80 to 61.80): VT0



Time-->

11.80 11.90 12.00



#74

1,1,2,2-Tetrachloroethane

Concen: 71.28 ug/l

RT: 12.32 min Scan# 917

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

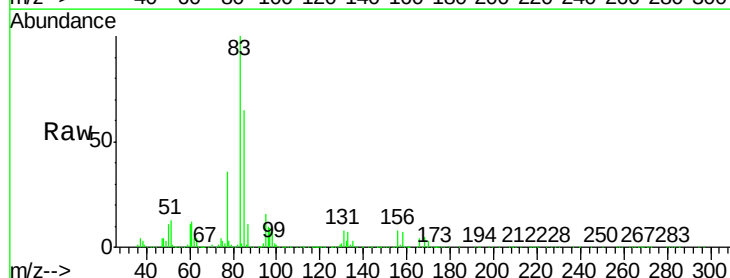
Tgt Ion: 83 Resp: 656956

Ion Ratio Lower Upper

83 100

131 8.2 4.0 12.2

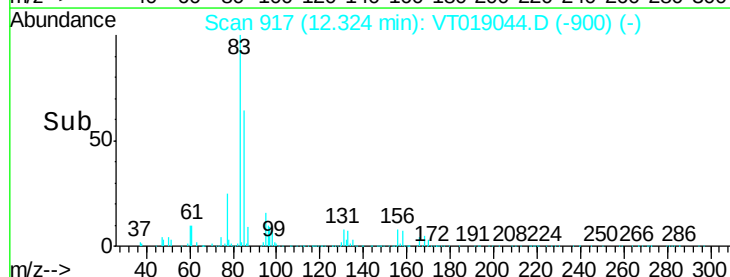
85 64.7 31.4 94.3



Abundance Ion 83.00 (82.70 to 83.70): VT0

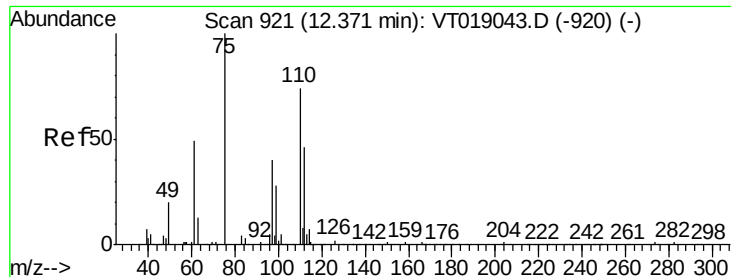
Ion 131.00 (130.70 to 131.70): VT0

Ion 85.00 (84.70 to 85.70): VT0



Time-->

12.20 12.30 12.40 12.50



#75

1,2,3-Trichloropropane

Concen: 75.43 ug/l m

RT: 12.37 min Scan# 921

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

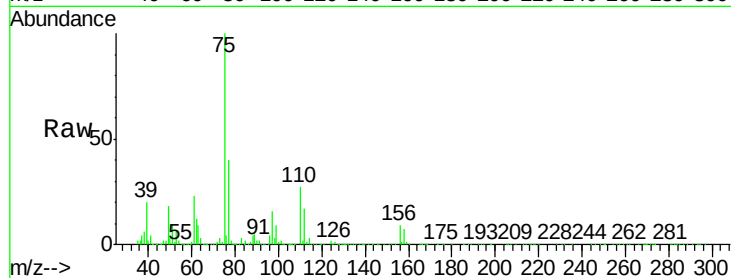
VSTDIC075

Tot Ion: 75 Resp: 487878

Ion Ratio Lower Upper

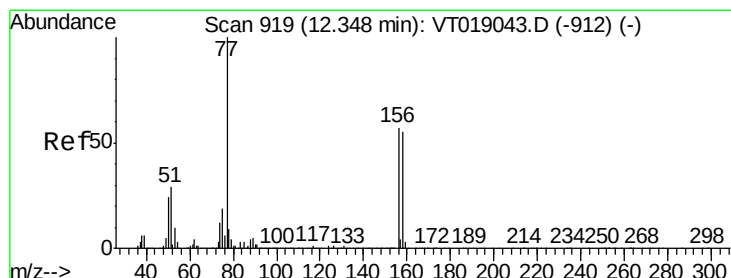
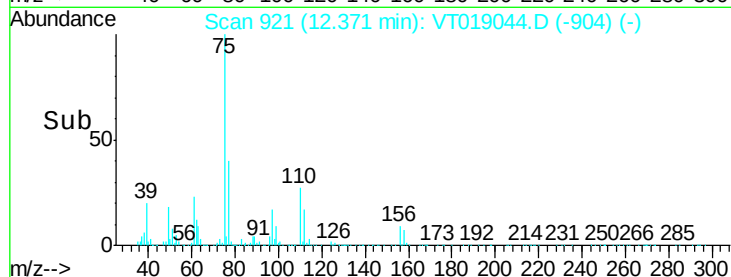
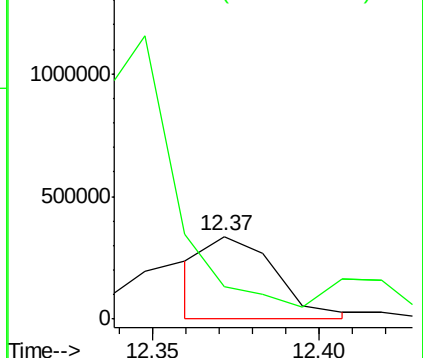
75 100

77 39.8 21.1 63.1



Abundance Ion 75.10 (74.80 to 75.80): VT0

Ion 77.10 (76.80 to 77.80): VT0



#76

Bromobenzene

Concen: 67.15 ug/l

RT: 12.35 min Scan# 919

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

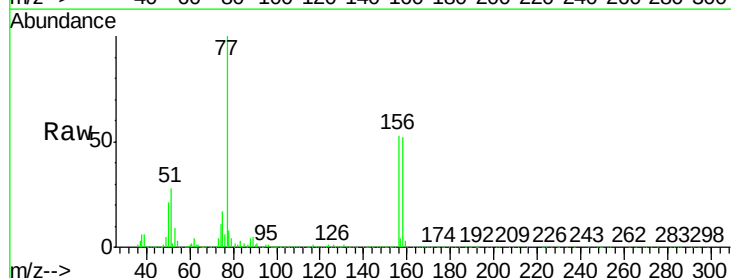
Tgt Ion: 156 Resp: 901588

Ion Ratio Lower Upper

156 100

77 187.1 87.8 263.4

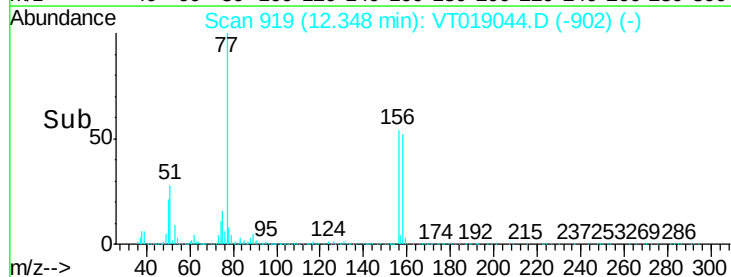
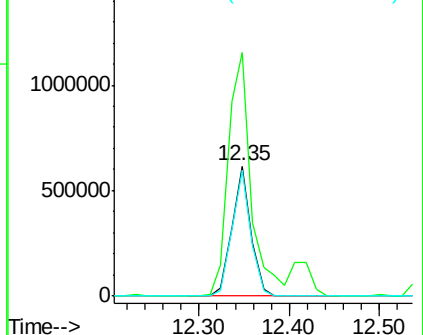
158 97.1 48.3 144.8

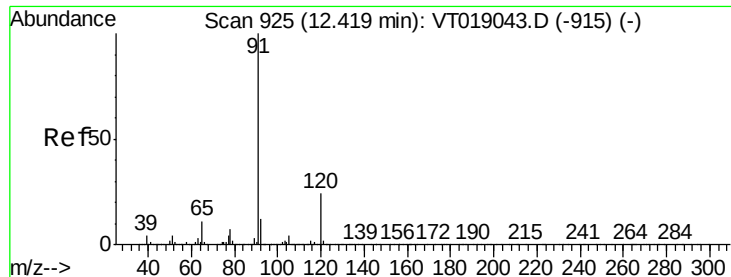


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.10 (76.80 to 77.80): VT0

Ion 158.00 (157.70 to 158.70): V





#77

n-propylbenzene

Concen: 81.39 ug/l

RT: 12.42 min Scan# 925

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

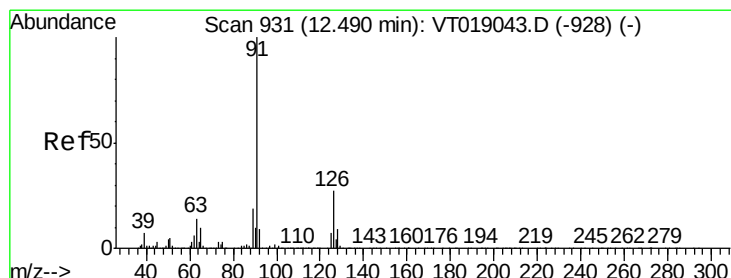
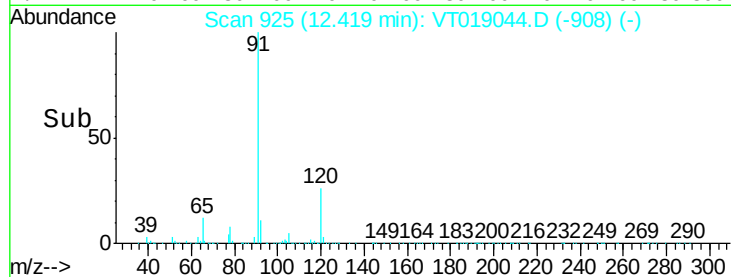
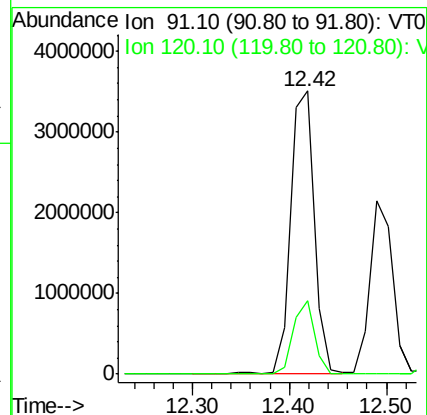
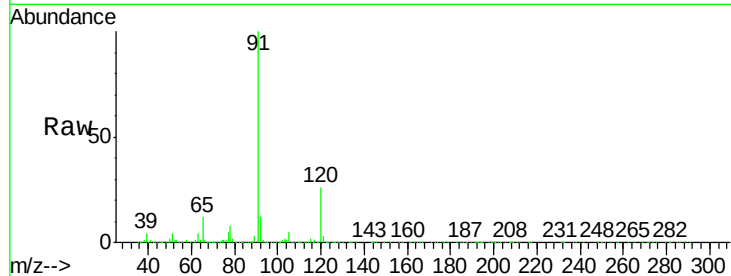
VSTDIC075

Tot Ion: 91 Resp: 5936913

Ion Ratio Lower Upper

91 100

120 25.9 12.0 36.1



#78

2-Chlorotoluene

Concen: 84.95 ug/l

RT: 12.49 min Scan# 931

Delta R.T. -0.00 min

Lab File: VT019044.D

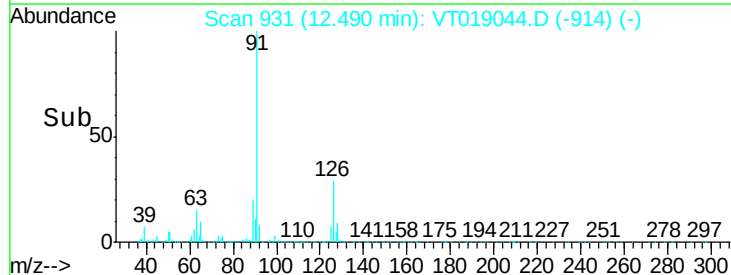
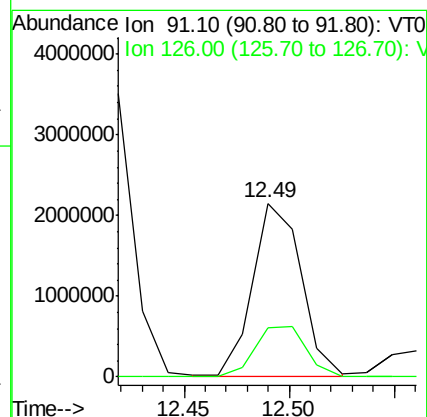
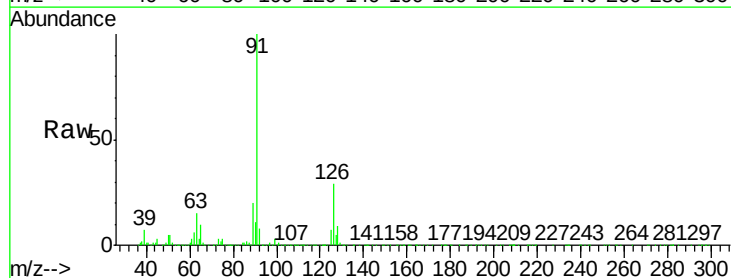
Acq: 8 May 2018 19:19

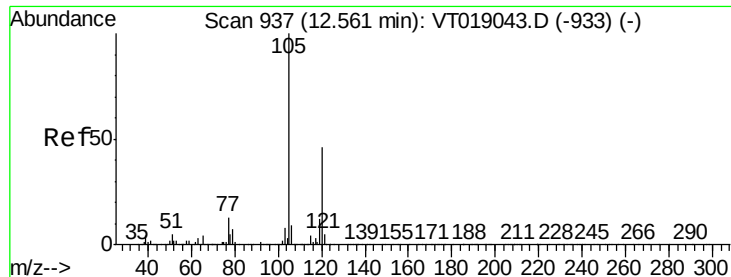
Tgt Ion: 91 Resp: 3479557

Ion Ratio Lower Upper

91 100

126 28.7 13.5 40.5

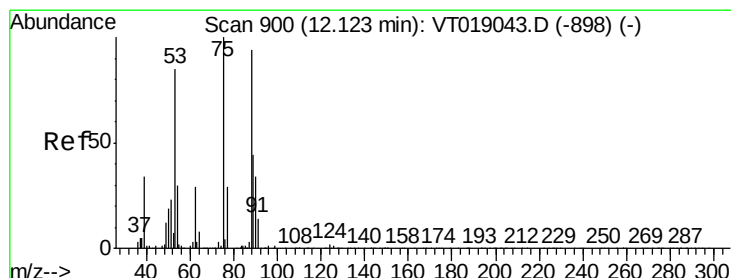
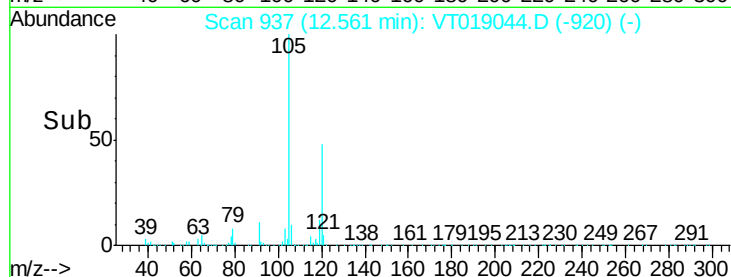
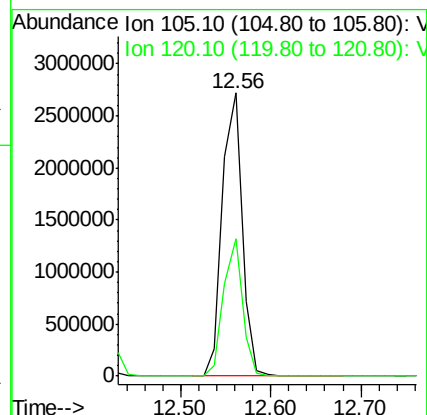
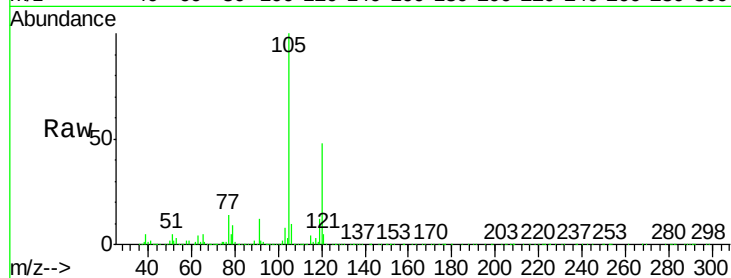




#79
 1,3,5-Trimethylbenzene
 Concen: 80.46 ug/l
 RT: 12.56 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VT019044.D
 Acq: 8 May 2018 19:19

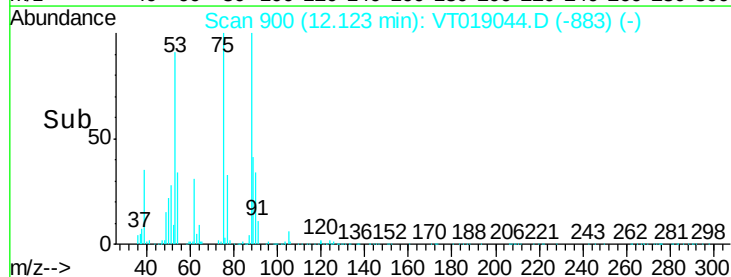
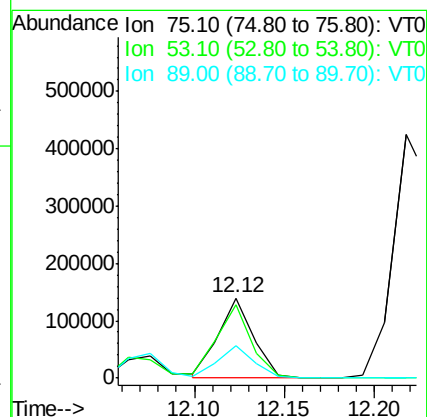
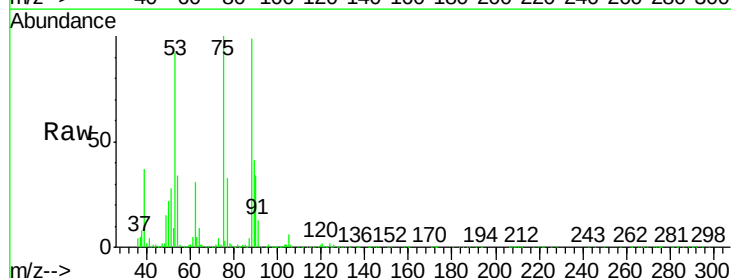
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC075

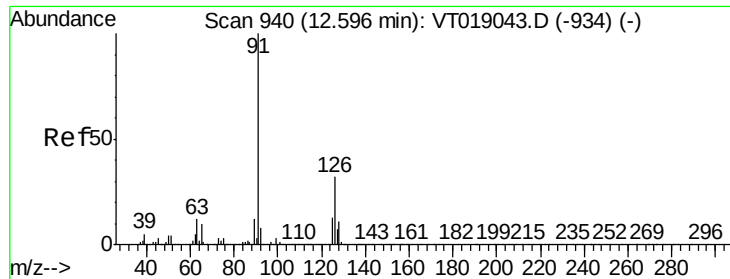
Tot Ion:105 Resp: 4184956
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.2 69.5



#80
 trans-1,4-Dichloro-2-butene
 Concen: 67.26 ug/l
 RT: 12.12 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VT019044.D
 Acq: 8 May 2018 19:19

Tgt Ion: 75 Resp: 189809
 Ion Ratio Lower Upper
 75 100
 53 91.8 70.8 106.2
 89 41.2 35.8 53.8

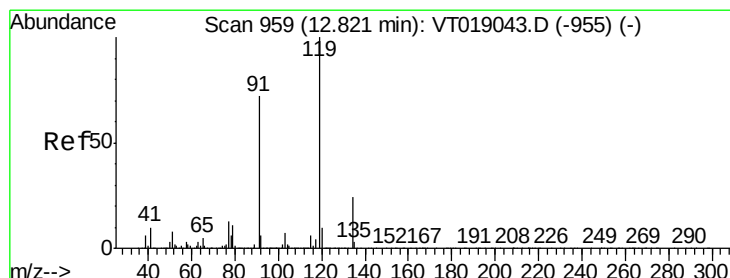
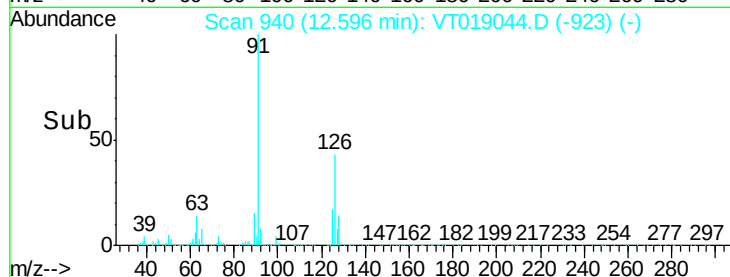
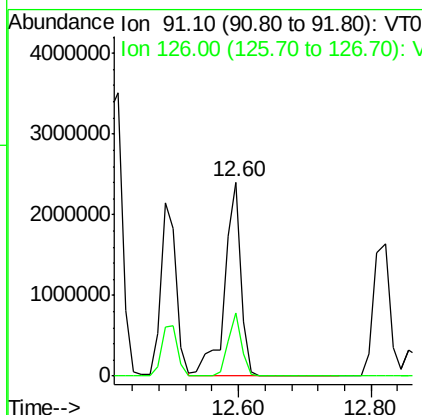
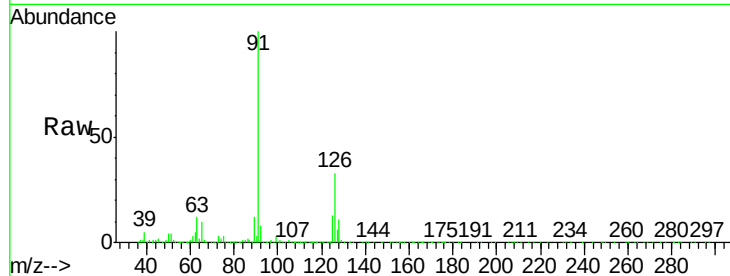




#81
4-Chlorotoluene
Concen: 84.77 ug/l
RT: 12.60 min Scan# 940
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

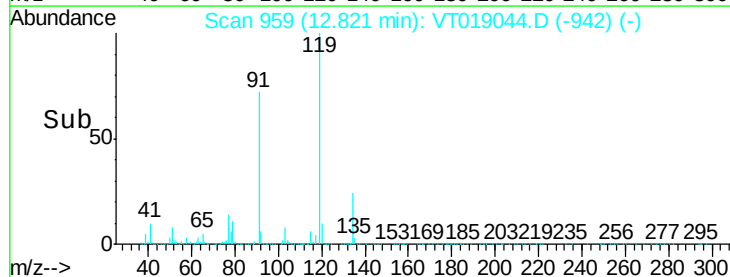
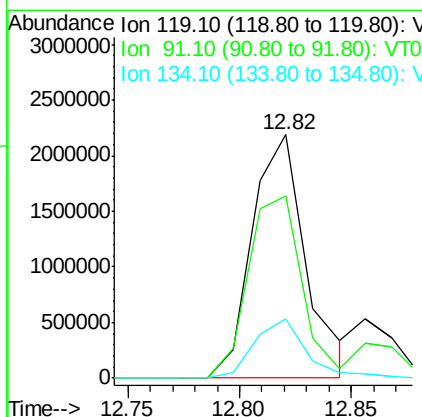
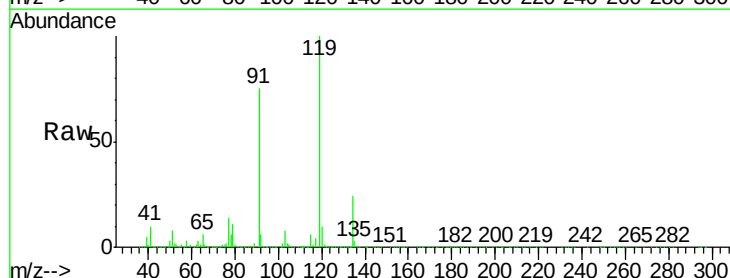
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

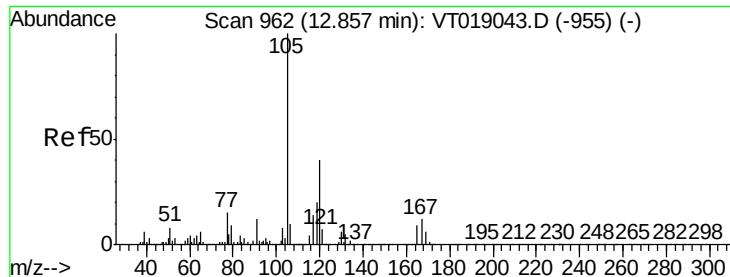
Tot Ion: 91 Resp: 4168416
Ion Ratio Lower Upper
91 100
126 32.6 16.0 47.9



#82
tert-Butylbenzene
Concen: 79.79 ug/l m
RT: 12.82 min Scan# 959
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion: 119 Resp: 3683166
Ion Ratio Lower Upper
119 100
91 74.8 36.1 108.3
134 24.2 12.0 36.1





#83

1,2,4-Trimethylbenzene

Concen: 80.50 ug/l

RT: 12.86 min Scan# 962

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

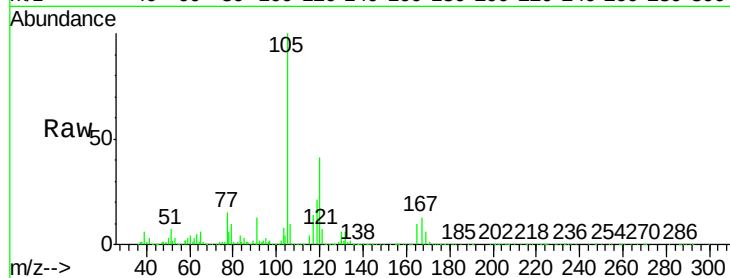
VSTDIC075

Tot Ion:105 Resp: 4226087

Ion Ratio Lower Upper

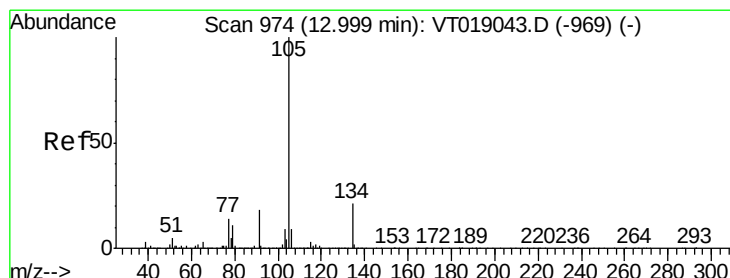
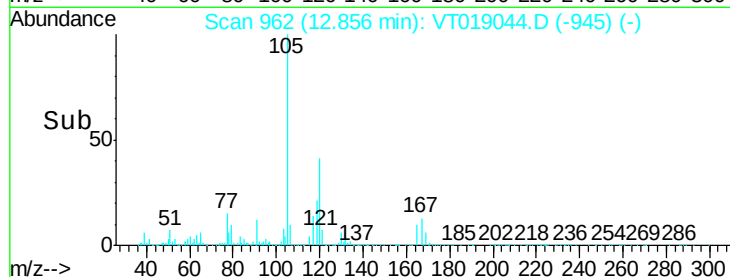
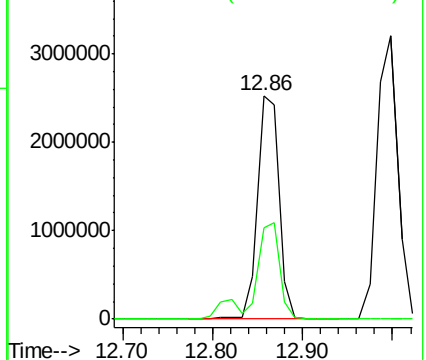
105 100

120 41.0 20.0 59.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.10 (119.80 to 120.80): V



#84

sec-Butylbenzene

Concen: 78.91 ug/l

RT: 13.00 min Scan# 974

Delta R.T. -0.00 min

Lab File: VT019044.D

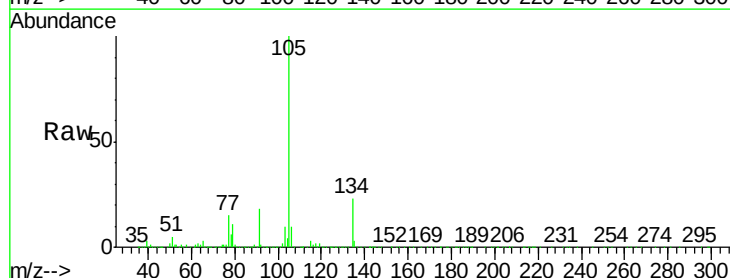
Acq: 8 May 2018 19:19

Tgt Ion:105 Resp: 5160464

Ion Ratio Lower Upper

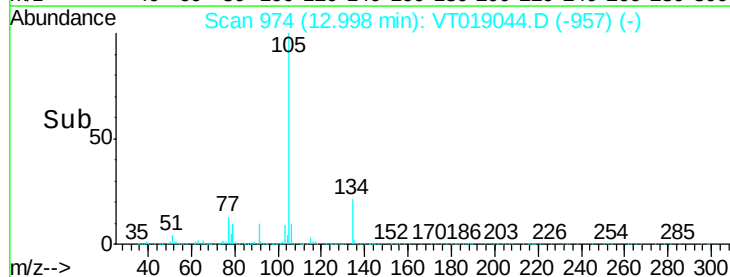
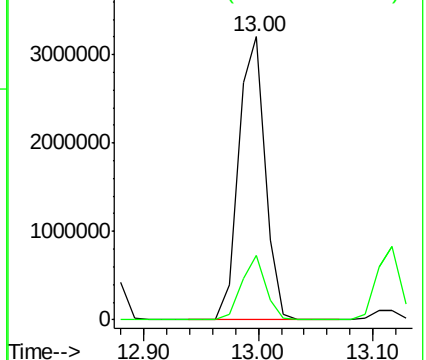
105 100

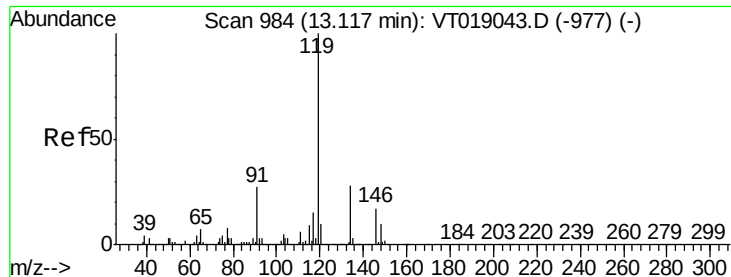
134 22.6 10.4 31.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.10 (133.80 to 134.80): V

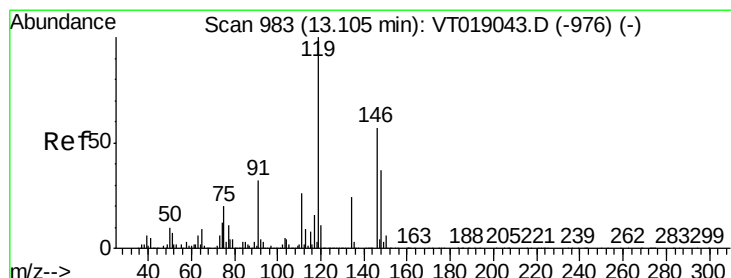
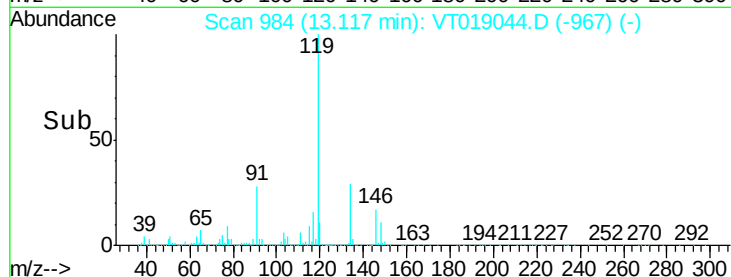
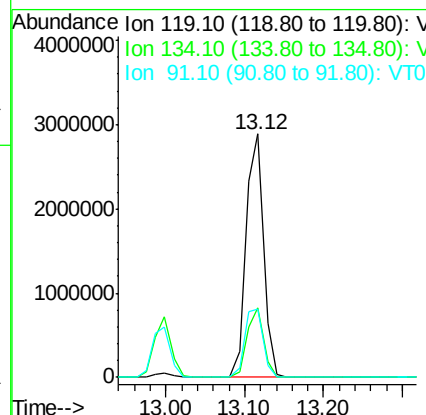
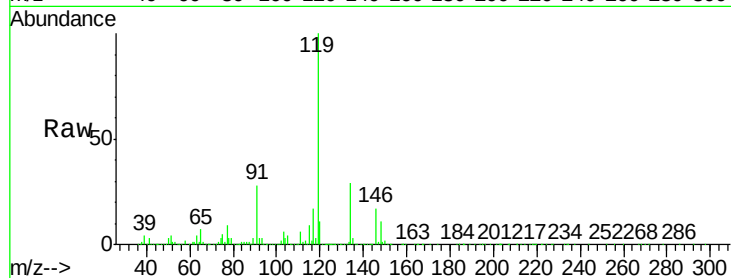




#85
p-Isopropyltoluene
Concen: 76.79 ug/l
RT: 13.12 min Scan# 984
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

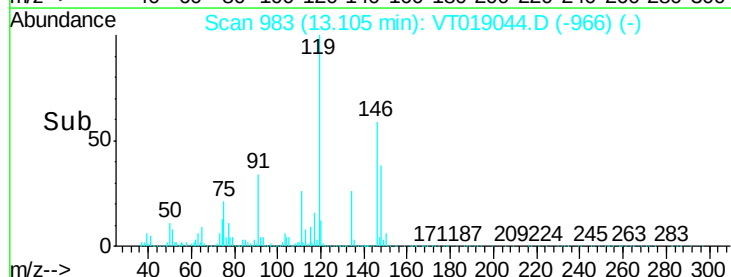
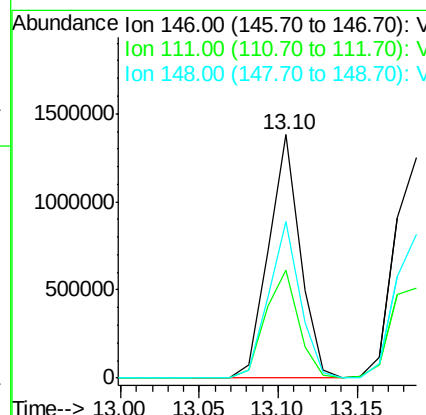
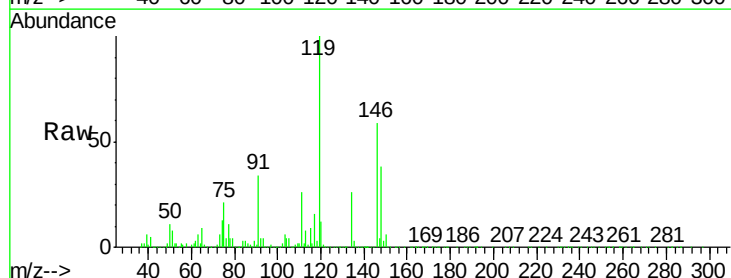
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC075

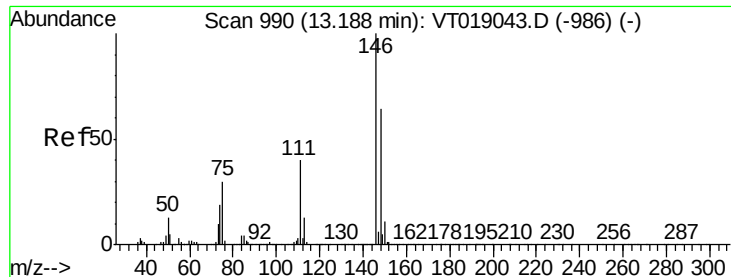
Tot Ion:119 Resp: 4416272
Ion Ratio Lower Upper
119 100
134 28.7 14.1 42.3
91 28.0 13.5 40.4



#86
1,3-Dichlorobenzene
Concen: 69.33 ug/l
RT: 13.10 min Scan# 983
Delta R.T. -0.00 min
Lab File: VT019044.D
Acq: 8 May 2018 19:19

Tgt Ion:146 Resp: 1934748
Ion Ratio Lower Upper
146 100
111 44.4 23.1 69.2
148 64.1 32.5 97.5

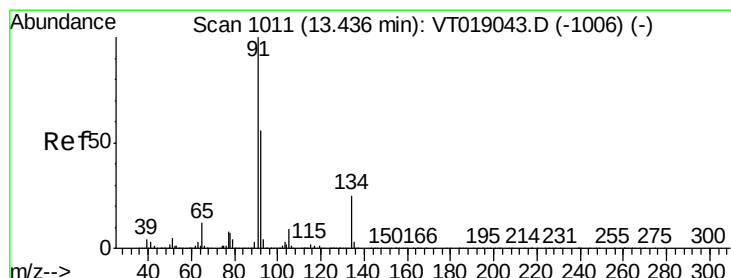
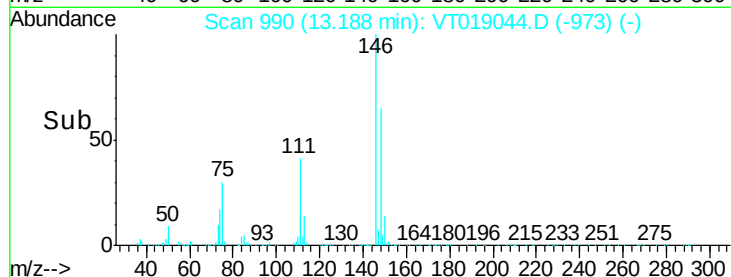
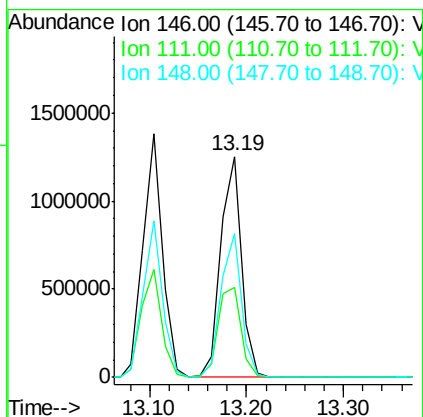
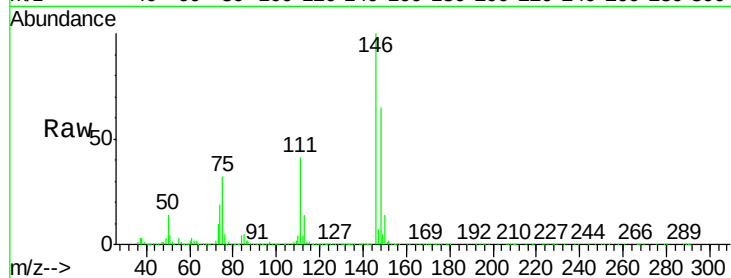




#87
 1,4-Dichlorobenzene
 Concen: 67.09 ug/l
 RT: 13.19 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VT019044.D
 Acq: 8 May 2018 19:19

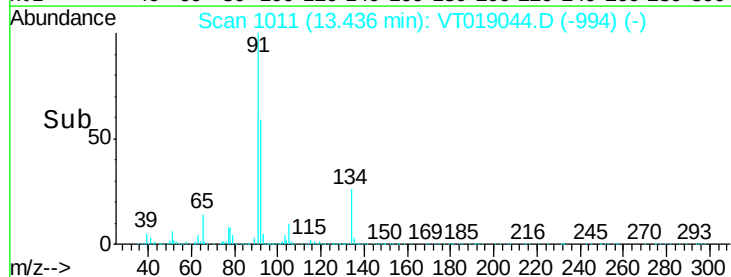
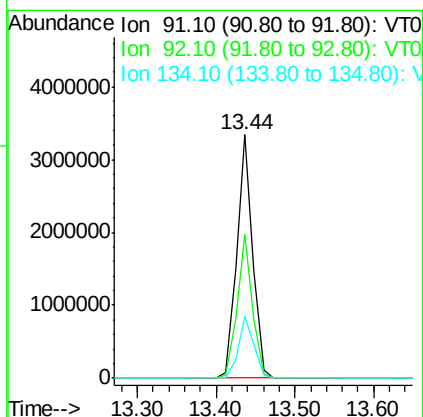
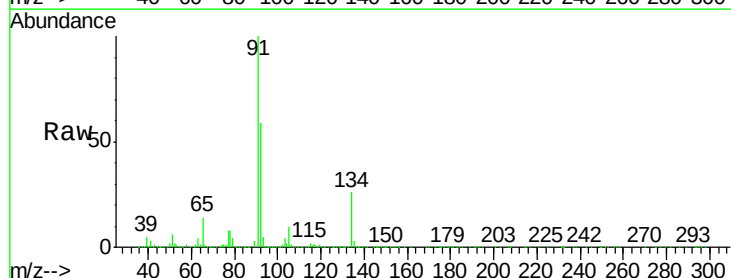
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC075

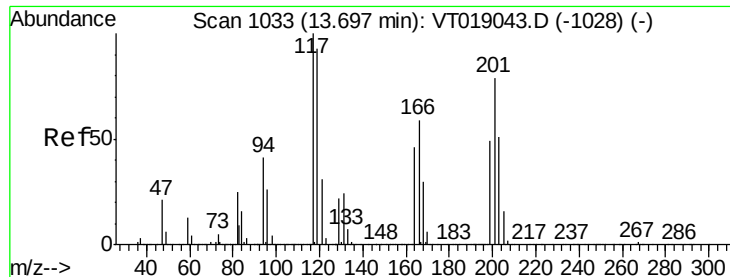
Tot Ion:146 Resp: 1862515
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.8
 148 64.8 32.3 96.8



#88
 n-Butylbenzene
 Concen: 86.78 ug/l
 RT: 13.44 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VT019044.D
 Acq: 8 May 2018 19:19

Tgt Ion: 91 Resp: 4628846
 Ion Ratio Lower Upper
 91 100
 92 58.8 28.0 84.0
 134 25.7 12.4 37.0





#89

Hexachloroethane

Concen: 83.51 ug/l

RT: 13.70 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

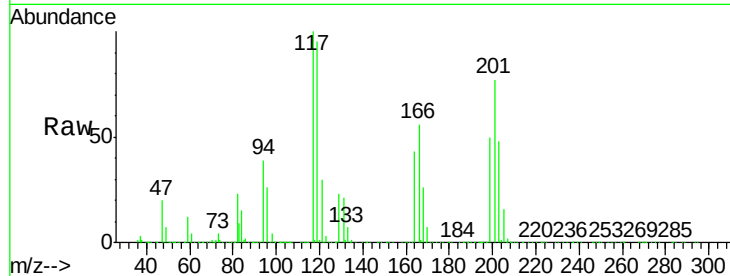
VSTDIC075

Tot Ion:117 Resp: 783871

Ion Ratio Lower Upper

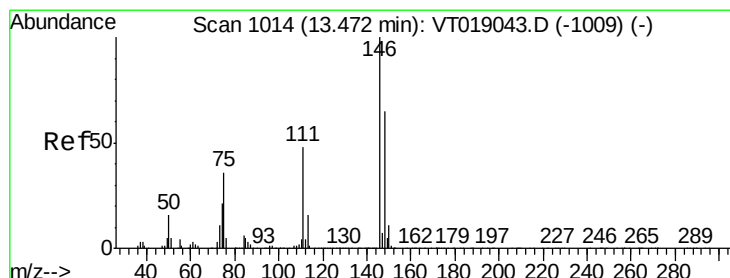
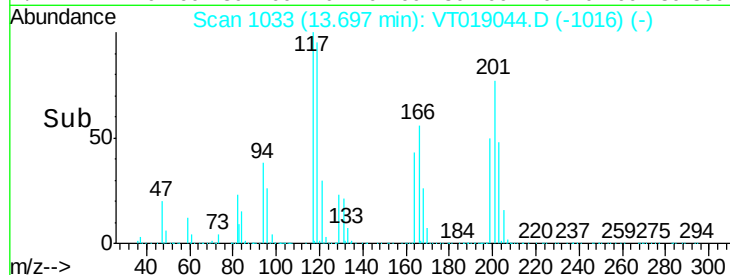
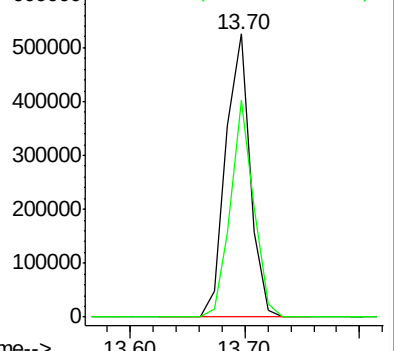
117 100

201 76.8 39.4 118.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 200.80 (200.50 to 201.50): V



#90

1,2-Dichlorobenzene

Concen: 67.84 ug/l

RT: 13.47 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

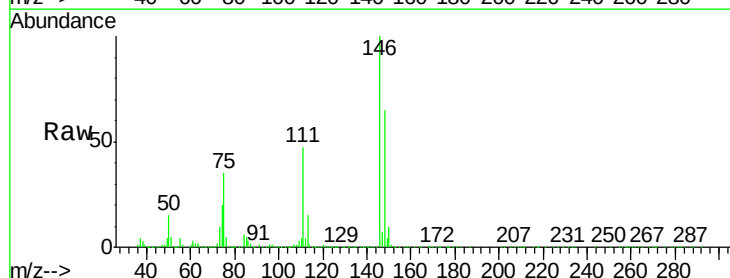
Tgt Ion:146 Resp: 1630338

Ion Ratio Lower Upper

146 100

111 46.9 23.8 71.2

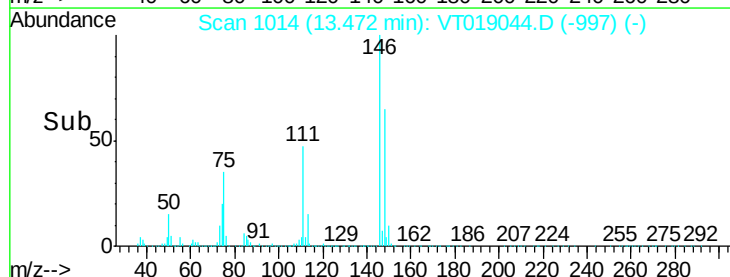
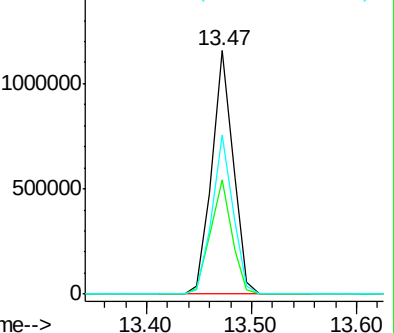
148 65.1 32.7 98.1

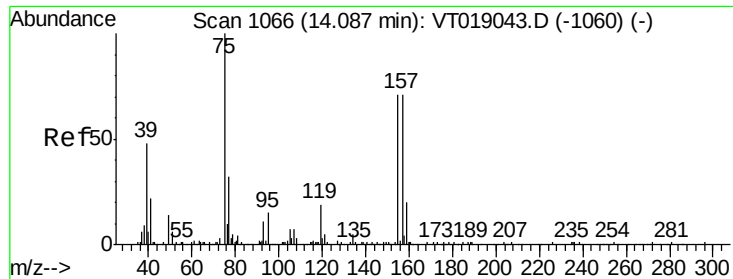


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#91

1,2-Dibromo-3-Chloropropane

Concen: 70.86 ug/l

RT: 14.09 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

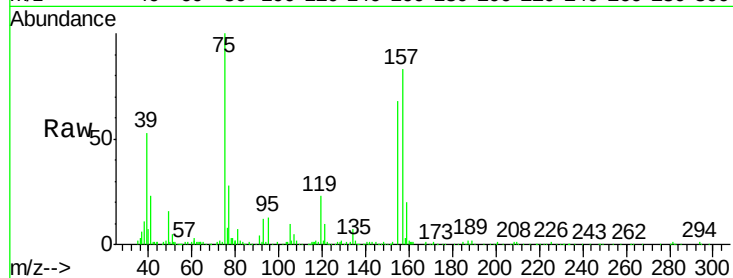
Tot Ion: 75 Resp: 98992

Ion Ratio Lower Upper

75 100

155 68.0 35.6 106.8

157 83.3 35.8 107.3

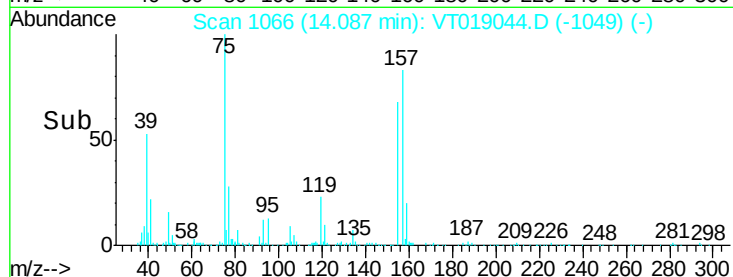


Abundance Ion 75.00 (74.70 to 75.70): VT019043.D (-1060) (-)

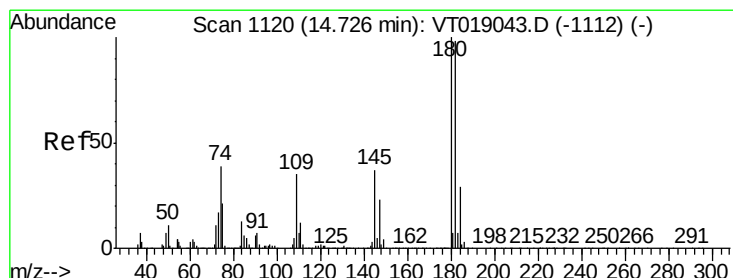
Ion 154.90 (154.60 to 155.60): VT019043.D (-1060) (-)

Ion 156.90 (156.60 to 157.60): VT019043.D (-1060) (-)

Time-->



Time-->



#92

1,2,4-Trichlorobenzene

Concen: 68.73 ug/l

RT: 14.73 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

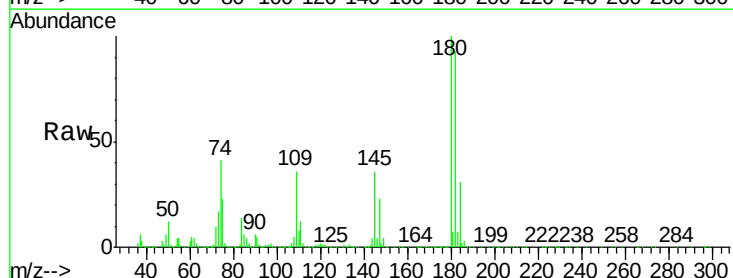
Tgt Ion:180 Resp: 1104820

Ion Ratio Lower Upper

180 100

182 93.3 49.0 147.0

145 36.1 18.3 54.9

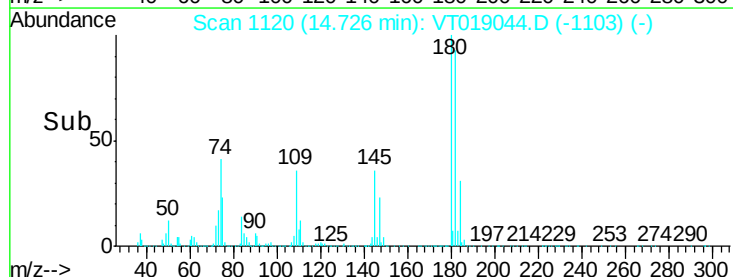


Abundance Ion 179.90 (179.60 to 180.60): VT019043.D (-1112) (-)

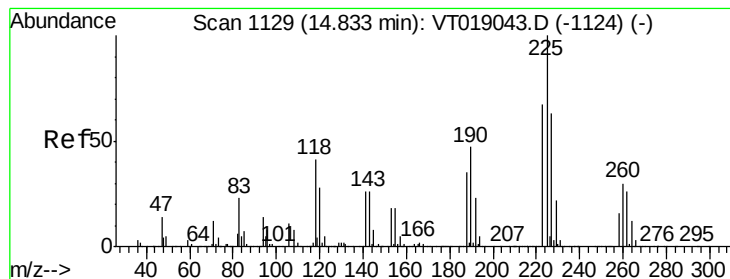
Ion 181.90 (181.60 to 182.60): VT019043.D (-1112) (-)

Ion 145.00 (144.70 to 145.70): VT019043.D (-1112) (-)

Time-->



Time-->



#93

Hexachlorobutadiene

Concen: 78.17 ug/l

RT: 14.83 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

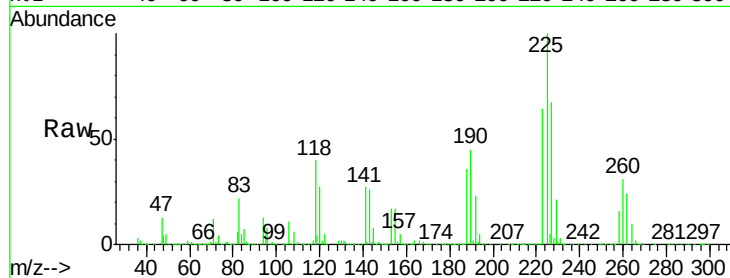
Tot Ion:225 Resp: 826456

Ion Ratio Lower Upper

225 100

223 63.6 33.5 100.4

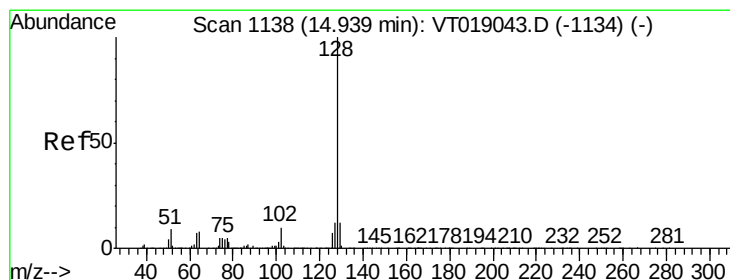
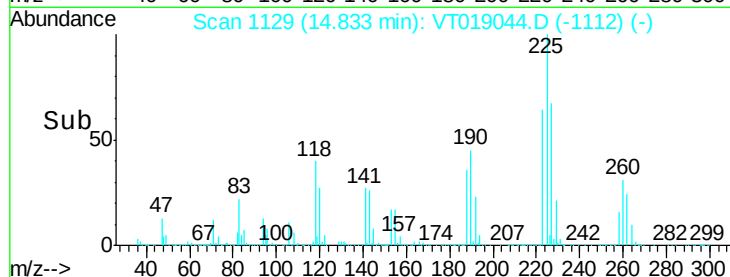
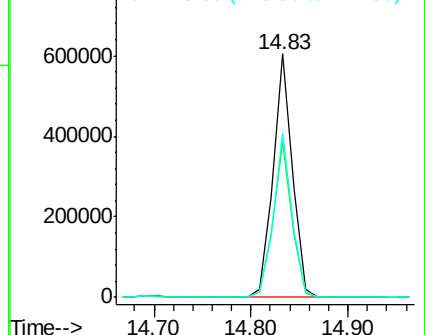
227 67.4 31.7 95.1



Abundance Ion 224.80 (224.50 to 225.50): V

Ion 222.80 (222.50 to 223.50): V

Ion 226.80 (226.50 to 227.50): V



#94

Naphthalene

Concen: 68.03 ug/l

RT: 14.94 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

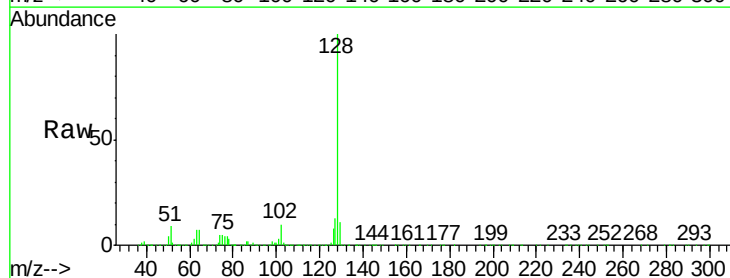
Tgt Ion:128 Resp: 1798813

Ion Ratio Lower Upper

128 100

127 12.9 9.9 14.9

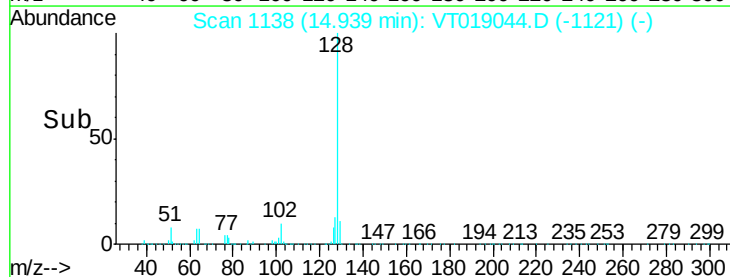
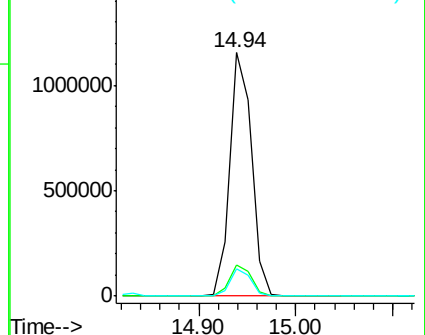
129 11.1 9.3 13.9

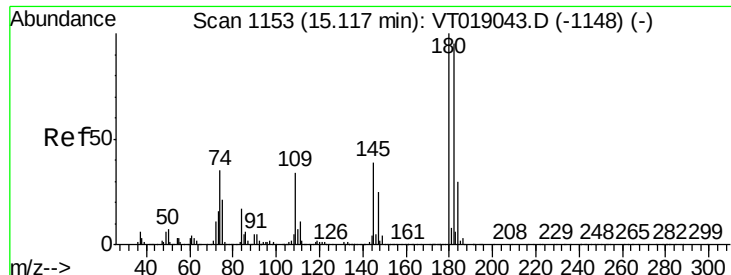


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V





#95

1,2,3-Trichlorobenzene

Concen: 66.10 ug/l

RT: 15.12 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VT019044.D

Acq: 8 May 2018 19:19

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC075

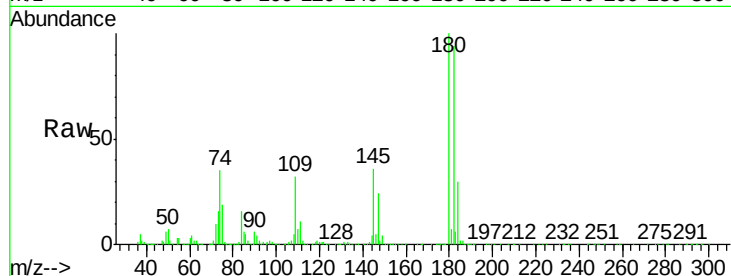
Tot Ion:180 Resp: 909281

Ion Ratio Lower Upper

180 100

182 94.4 47.7 143.1

145 36.5 19.4 58.1



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 145.00 (144.70 to 145.70): V

