

Data File : VT019041.D
Acq On : 8 May 2018 17:47
Operator : SY/MD
Sample : VSTDIC010
Misc : 5.00g/5mL/MSVOA_T/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

Quant Time: May 09 03:55:27 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	1076103	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1846434	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1513213	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	741234	50.00	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	100051	11.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.72%	
34) Dibromofluoromethane	7.35	113	104032	10.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.80%	
49) Toluene-d8	9.90	98	443828	10.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.20%	
61) 4-Bromofluorobenzene	12.22	95	154651	10.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.79	85	120385	12.03	ug/l	90
3) Chloromethane	1.96	50	39650	4.29	ug/l	91
4) Vinyl Chloride	2.10	62	61851	6.23	ug/l #	85
5) Bromomethane	2.46	94	57680	10.39	ug/l	85
6) Chloroethane	2.57	64	38231	7.40	ug/l #	74
7) Trichlorofluoromethane	2.94	101	94763	8.31	ug/l	87
8) Diethyl Ether	3.21	74	30827	7.48	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.60	101	100111	10.18	ug/l	96
10) Methyl Iodide	3.77	142	150539	9.86	ug/l #	86
11) Tert butyl alcohol	4.55	59	29549	62.76	ug/l #	90
12) 1,1-Dichloroethene	3.57	96	88186	8.67	ug/l	96
13) Acrolein	3.39	56	12515	19.26	ug/l	96
14) Allyl chloride	4.06	41	181649	10.21	ug/l	94
15) Acrylonitrile	4.69	53	97765	45.92	ug/l	99
16) Acetone	3.59	43	52363	24.63	ug/l	99
17) Carbon Disulfide	4.06	76	96747	3.46	ug/l	95
18) Methyl Acetate	4.08	43	52233	5.76	ug/l	97
19) Methyl tert-butyl Ether	4.76	73	208766	10.84	ug/l	96
20) Methylene Chloride	4.29	84	48229	4.07	ug/l #	75
21) trans-1,2-Dichloroethene	4.74	96	124952	11.43	ug/l	91
22) Diisopropyl ether	5.67	45	342507	10.90	ug/l	91
23) Vinyl Acetate	5.61	43	771821	66.08	ug/l	99
24) 1,1-Dichloroethane	5.56	63	248472	13.37	ug/l	98
25) 2-Butanone	6.57	43	120018	41.35	ug/l	97
26) 2,2-Dichloropropane	6.55	77	103237	11.80	ug/l	94
27) cis-1,2-Dichloroethene	6.56	96	125112	11.72	ug/l	89
28) Bromochloromethane	6.94	49	83985	11.05	ug/l	94
29) Chloroform	7.13	83	225696	13.26	ug/l	94
30) Cyclohexane	7.43	56	266304	12.59	ug/l #	90
31) 1,1,1-Trichloroethane	7.33	97	162192	12.45	ug/l	94
35) 1,1-Dichloropropene	7.56	75	205770	11.28	ug/l	96
36) Ethyl Acetate	6.68	43	51038	7.57	ug/l #	91
37) Carbon Tetrachloride	7.54	117	162025	10.62	ug/l	98
38) Methylcyclohexane	8.88	83	233961	10.04	ug/l	91

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MSVOA_T

ClientSampleId :

VSTDIC010

Quant Time: May 09 03:55:27 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)
39) Benzene	7.82	78	555446	11.02	ug/l	97
40) Methacrylonitrile	6.96	41	66771	16.78	ug/l #	43
41) 1,2-Dichloroethane	7.91	62	116486	9.60	ug/l	100
42) Isopropyl Acetate	7.96	43	86277	7.80	ug/l #	93
43) Trichloroethene	8.63	130	124996	9.78	ug/l	92
44) 1,2-Dichloropropane	8.92	63	131528	11.26	ug/l	96
45) Dibromomethane	9.01	93	49365	9.63	ug/l	97
46) Bromodichloromethane	9.21	83	139978	10.49	ug/l	99
47) Methyl methacrylate	9.01	41	45502	7.26	ug/l	94
48) 1,4-Dioxane	9.01	88	10326	149.42	ug/l	94
50) 4-Methyl-2-Pentanone	9.80	43	258224	39.37	ug/l	96
51) Toluene	9.97	92	325779	10.42	ug/l	99
52) t-1,3-Dichloropropene	10.21	75	121599	9.46	ug/l	99
53) cis-1,3-Dichloropropene	9.65	75	162936	10.04	ug/l	97
54) 1,1,2-Trichloroethane	10.38	97	70348	9.19	ug/l	96
55) Ethyl methacrylate	10.25	69	76627	8.20	ug/l	96
56) 1,3-Dichloropropane	10.53	76	132479	9.97	ug/l	94
57) 2-Chloroethyl Vinyl ether	9.51	63	204627	52.59	ug/l	95
58) 2-Hexanone	10.57	43	180535	36.45	ug/l	98
59) Dibromochloromethane	10.73	129	71405	8.08	ug/l	88
60) 1,2-Dibromoethane	10.82	107	60525	8.57	ug/l	86
63) Tetrachloroethene	10.45	164	105767	9.58	ug/l	95
64) Chlorobenzene	11.25	112	327214	10.04	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.33	131	98386	9.60	ug/l	92
66) Ethyl Benzene	11.33	91	665636	11.71	ug/l	99
67) m/p-Xylenes	11.45	106	481858	21.21	ug/l	93
68) o-Xylene	11.77	106	205896	9.95	ug/l	96
69) Styrene	11.78	104	336468	9.76	ug/l	96
70) Bromoform	11.95	173	33926	6.51	ug/l #	97
72) Isopropylbenzene	12.08	105	644457	11.77	ug/l	94
73) N-amyl acetate	11.90	43	91717	8.76	ug/l	91
74) 1,1,2,2-Tetrachloroethane	12.32	83	86958	10.42	ug/l	97
75) 1,2,3-Trichloropropane	12.37	75	109603	18.72	ug/l	95
76) Bromobenzene	12.35	156	118901	9.78	ug/l	94
77) n-propylbenzene	12.42	91	859024	13.01	ug/l	96
78) 2-Chlorotoluene	12.49	91	461061	12.43	ug/l	99
79) 1,3,5-Trimethylbenzene	12.56	105	561500	11.92	ug/l	100
80) trans-1,4-Dichloro-2-buten	12.12	75	19862	7.77	ug/l	89
81) 4-Chlorotoluene	12.60	91	564331	12.68	ug/l	99
82) tert-Butylbenzene	12.82	119	555128	13.28	ug/l	99
83) 1,2,4-Trimethylbenzene	12.86	105	572177	12.04	ug/l	94
84) sec-Butylbenzene	13.00	105	700722	11.84	ug/l	97
85) p-Isopropyltoluene	13.12	119	563331	10.82	ug/l	97
86) 1,3-Dichlorobenzene	13.10	146	260237	10.30	ug/l	95
87) 1,4-Dichlorobenzene	13.19	146	248718	9.90	ug/l	99
88) n-Butylbenzene	13.44	91	620869	12.86	ug/l	95
89) Hexachloroethane	13.70	117	85079	10.01	ug/l	95
90) 1,2-Dichlorobenzene	13.47	146	215374	9.90	ug/l	97
91) 1,2-Dibromo-3-Chloropropan	14.09	75	10896	8.61	ug/l	93
92) 1,2,4-Trichlorobenzene	14.73	180	132436	9.10	ug/l	91

Data Path : W:\HPCHEM1\MSVOA_T\DATA\VT050818\
Quantitation Report (Not Reviewed)

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Sample : VSTDICC010
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Instrument :
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ClientSampleId :
VSTDICC010

Quant Time: May 09 03:55:27 2018
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Quant Title : SW846 8260
QLast Update : Wed May 09 03:54:37 2018
Response via : Initial Calibration

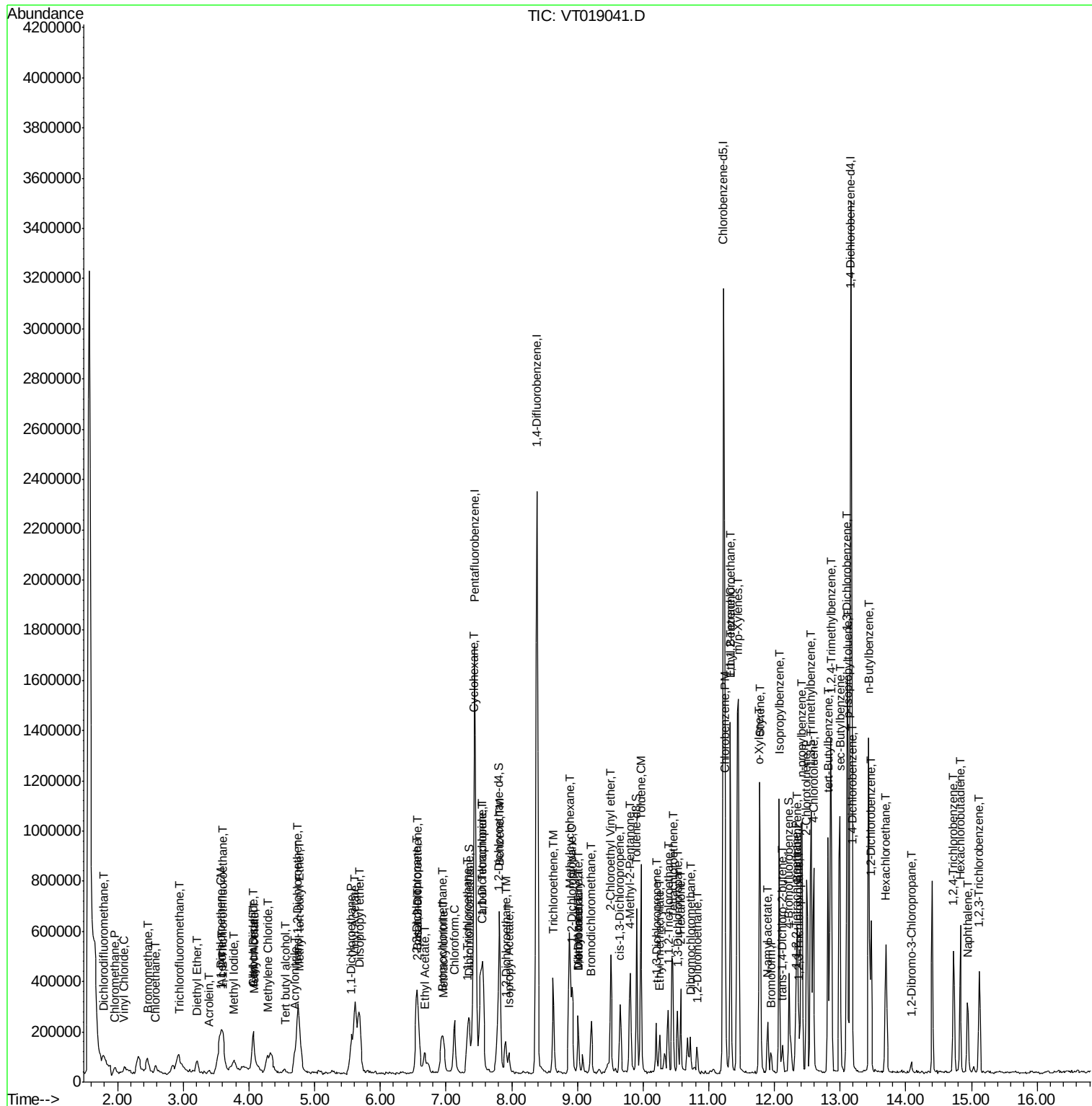
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	94498	9.87	ug/l	97
94) Naphthalene	14.94	128	211539	8.84	ug/l	98
95) 1,2,3-Trichlorobenzene	15.12	180	108279	8.69	ug/l	98

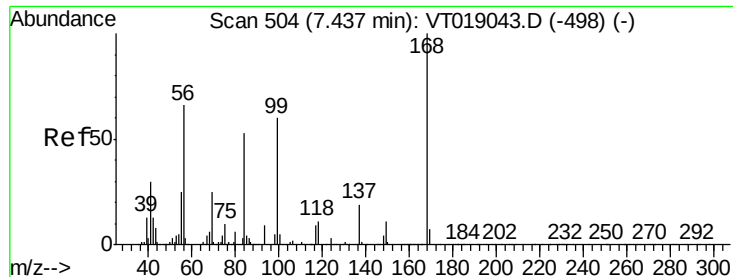
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 4      Sample Multiplier: 1
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VSTDICC010

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 504

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

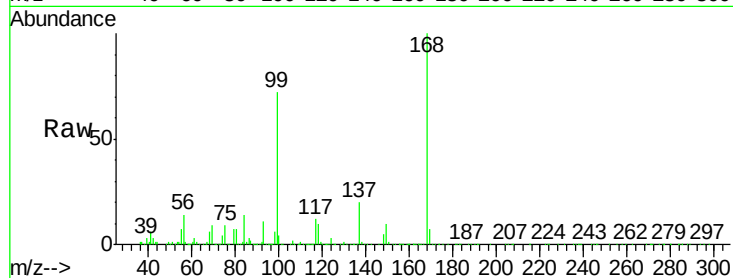
VSTDIC010

Tgt Ion:168 Resp: 1076103

Ion Ratio Lower Upper

168 100

99 71.9 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

400000

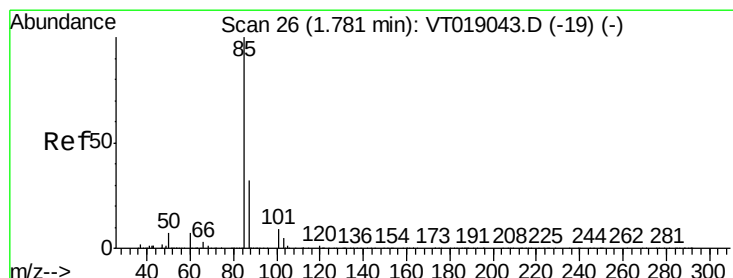
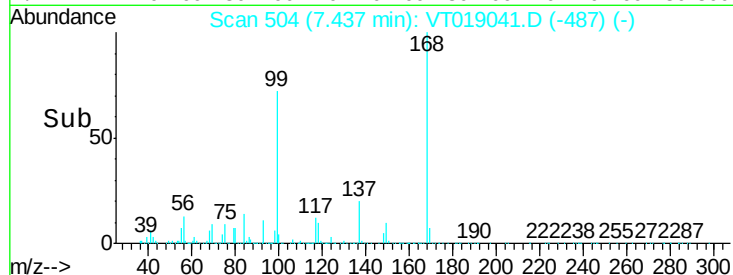
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200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 12.03 ug/l

RT: 1.79 min Scan# 27

Delta R.T. 0.01 min

Lab File: VT019041.D

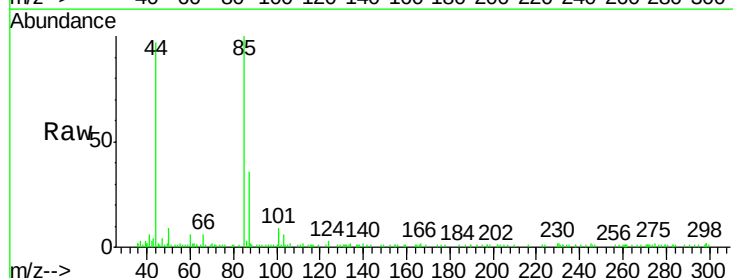
Acq: 8 May 2018 17:47

Tgt Ion: 85 Resp: 120385

Ion Ratio Lower Upper

85 100

87 38.0 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VT0

Ion 87.00 (86.70 to 87.70): VT0

1.79

25000

20000

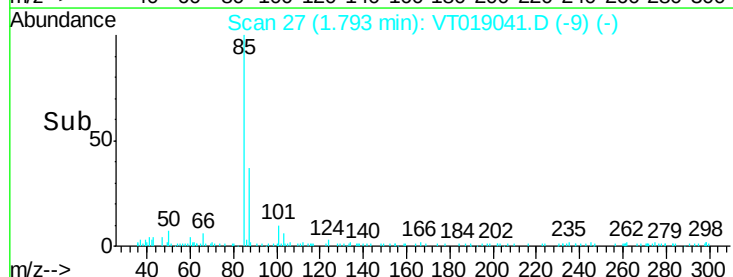
15000

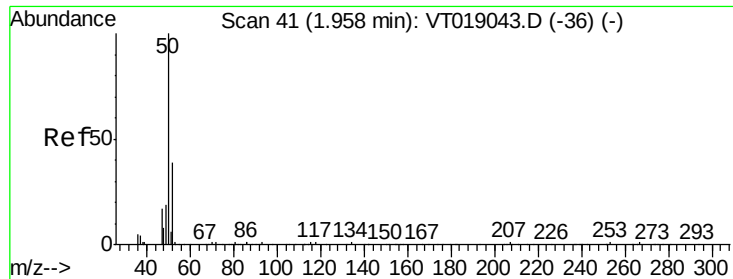
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5000

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Time-->

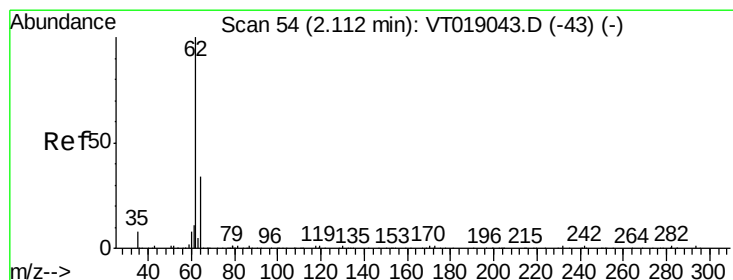
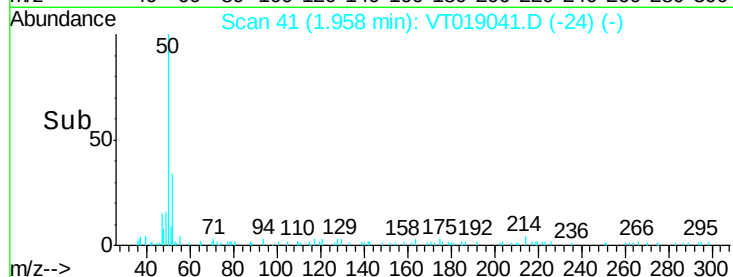
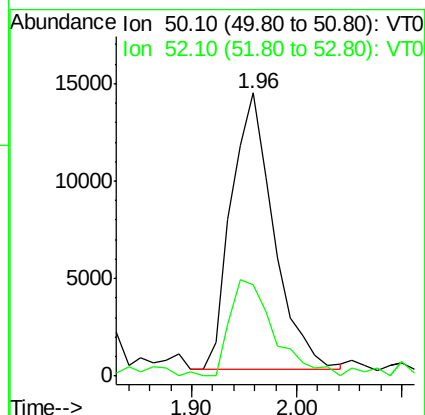
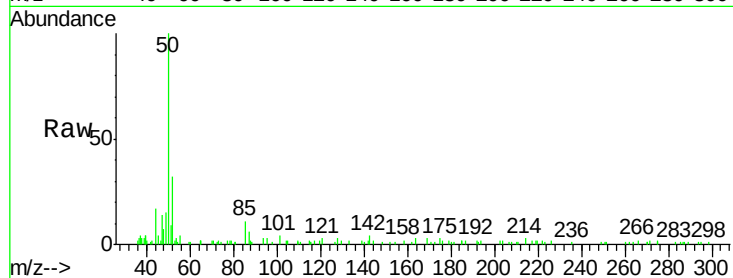




#3
Chloromethane
Concen: 4.29 ug/l
RT: 1.96 min Scan# 41
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

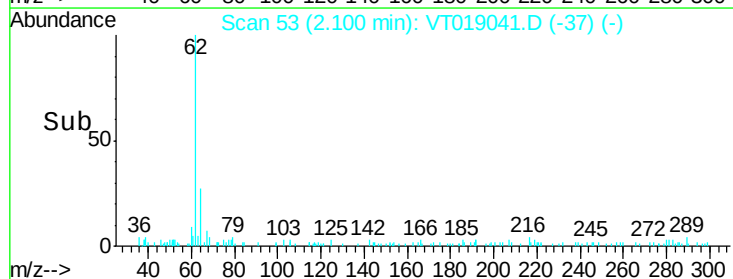
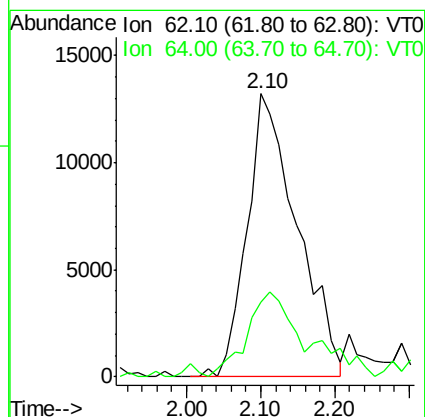
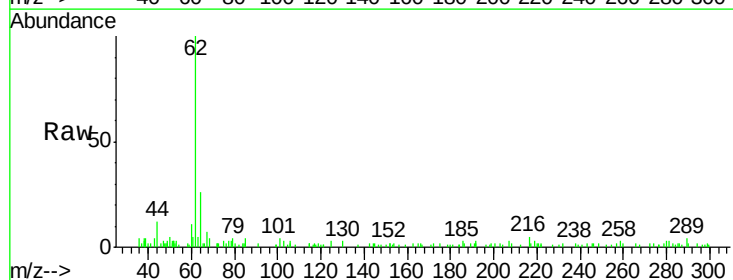
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

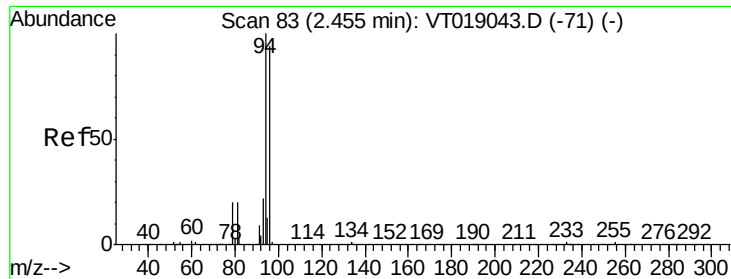
Tgt Ion: 50 Resp: 39650
Ion Ratio Lower Upper
50 100
52 32.4 30.1 45.1



#4
Vinyl Chloride
Concen: 6.23 ug/l
RT: 2.10 min Scan# 53
Delta R.T. -0.01 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion: 62 Resp: 61851
Ion Ratio Lower Upper
62 100
64 25.0 27.0 40.4#





#5

Bromomethane

Concen: 10.39 ug/l

RT: 2.46 min Scan# 83

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

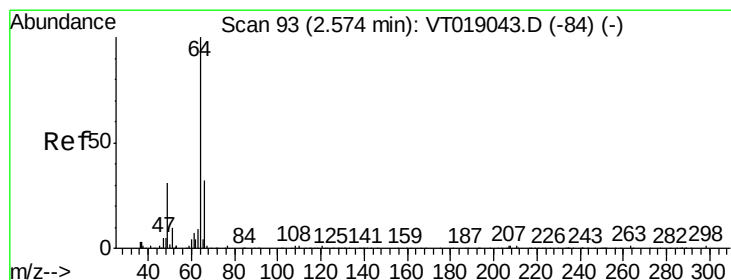
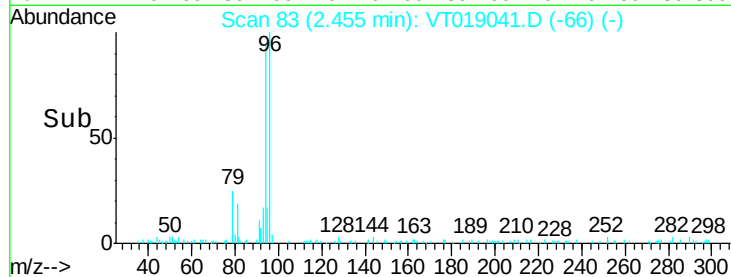
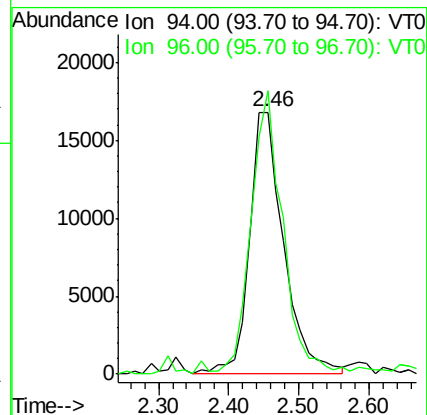
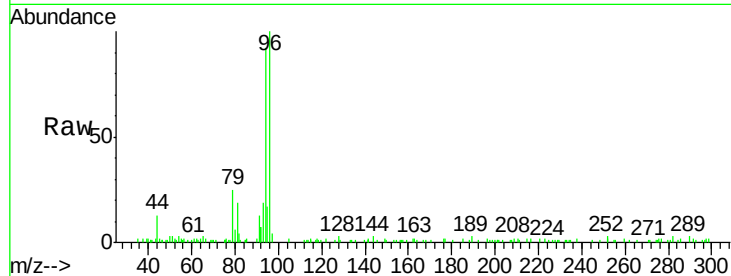
VSTDIC010

Tgt Ion: 94 Resp: 57680

Ion Ratio Lower Upper

94 100

96 108.1 75.3 112.9



#6

Chloroethane

Concen: 7.40 ug/l

RT: 2.57 min Scan# 93

Delta R.T. -0.00 min

Lab File: VT019041.D

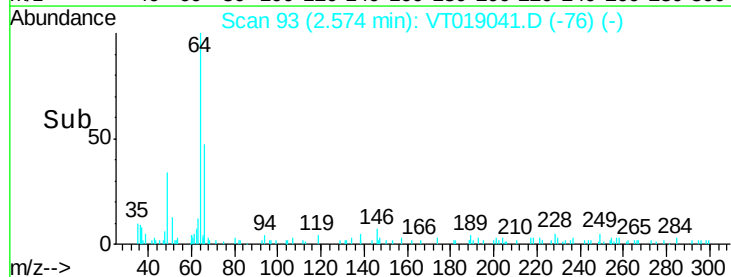
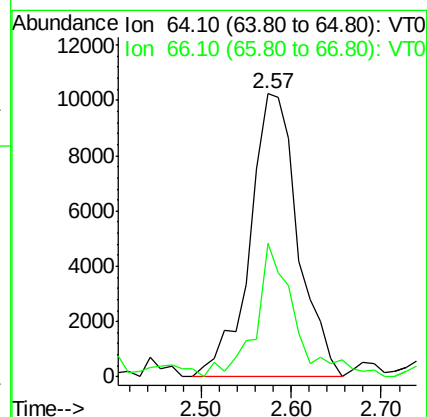
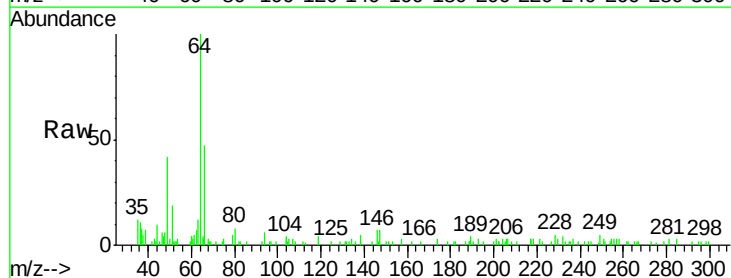
Acq: 8 May 2018 17:47

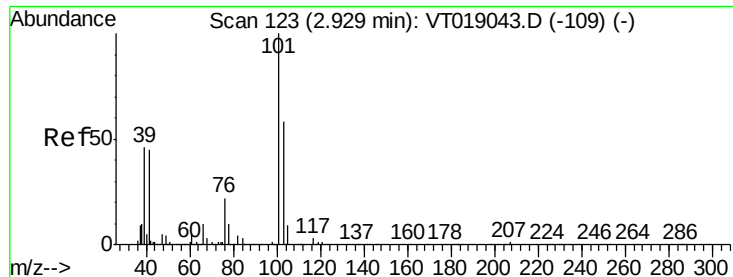
Tgt Ion: 64 Resp: 38231

Ion Ratio Lower Upper

64 100

66 47.0 25.8 38.8#



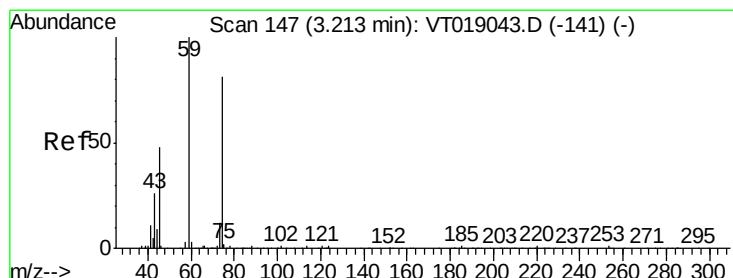
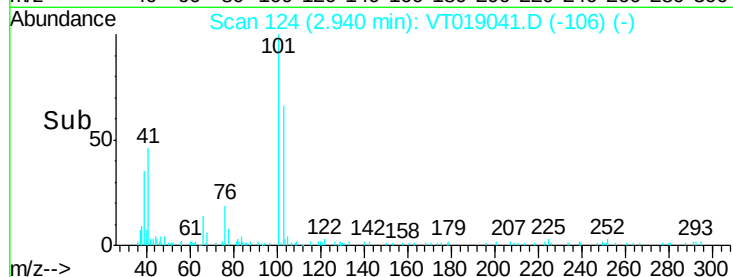
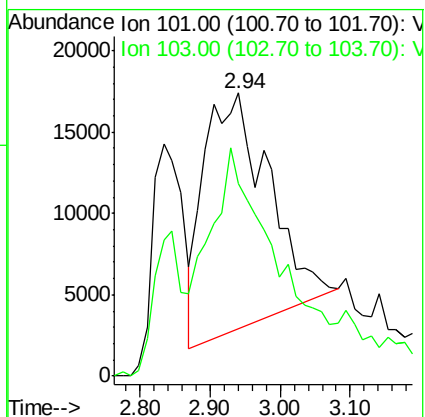
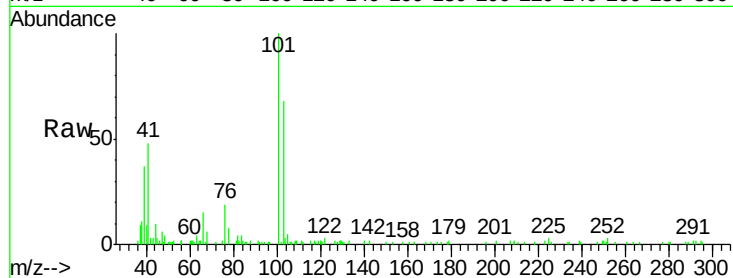


#7

Trichlorofluoromethane
 Concen: 8.31 ug/l
 RT: 2.94 min Scan# 124
 Delta R.T. 0.01 min
 Lab File: VT019041.D
 Acq: 8 May 2018 17:47

Instrument :
 MSVOA_T
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 VSTDIC010

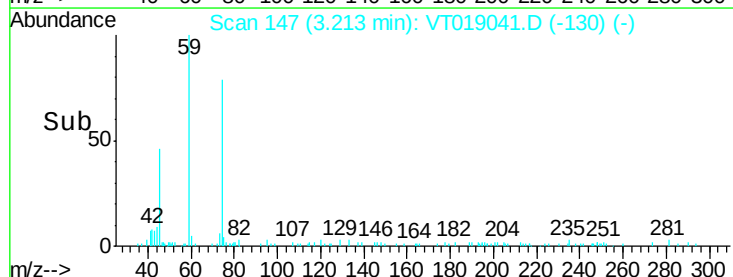
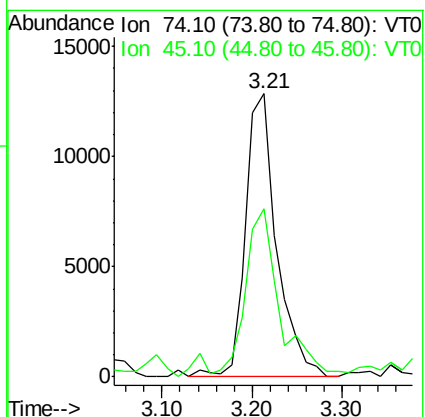
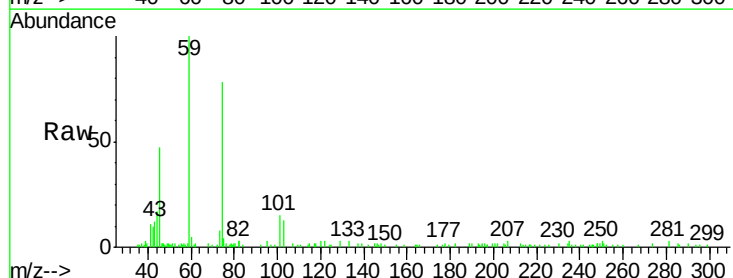
Tgt Ion:101 Resp: 94763
 Ion Ratio Lower Upper
 101 100
 103 68.1 46.5 69.7

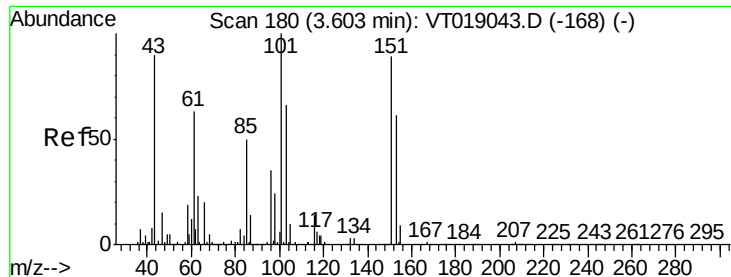


#8

Diethyl Ether
 Concen: 7.48 ug/l
 RT: 3.21 min Scan# 147
 Delta R.T. -0.00 min
 Lab File: VT019041.D
 Acq: 8 May 2018 17:47

Tgt Ion: 74 Resp: 30827
 Ion Ratio Lower Upper
 74 100
 45 59.5 29.8 89.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.18 ug/l

RT: 3.60 min Scan# 180

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

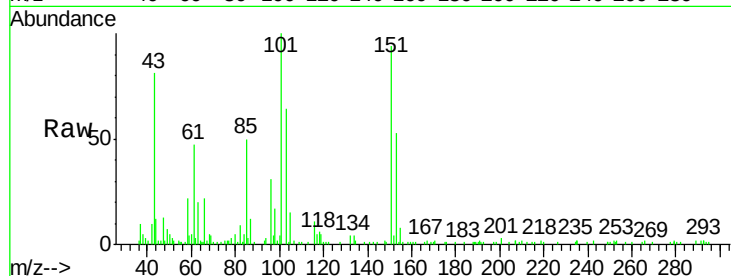
Tgt Ion:101 Resp: 100111

Ion Ratio Lower Upper

101 100

85 49.6 39.5 59.3

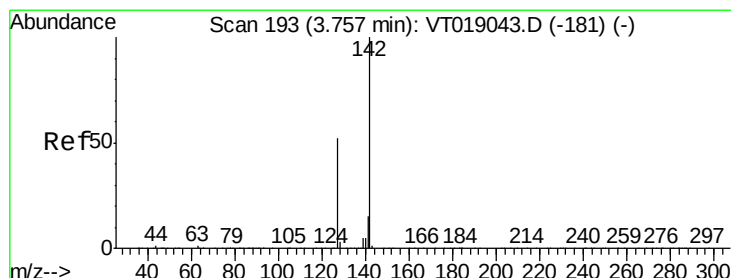
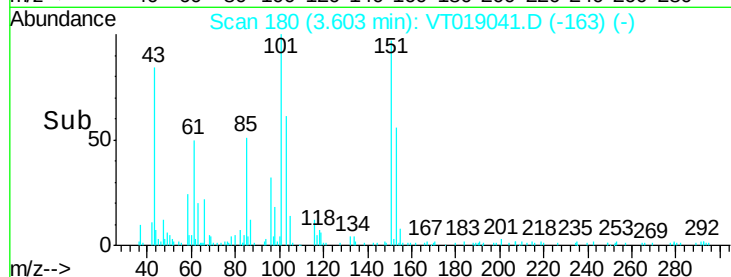
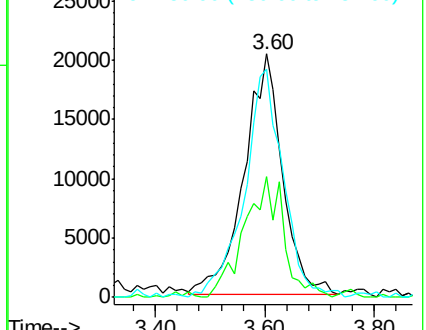
151 93.7 69.9 104.9



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: 9.86 ug/l

RT: 3.77 min Scan# 194

Delta R.T. 0.01 min

Lab File: VT019041.D

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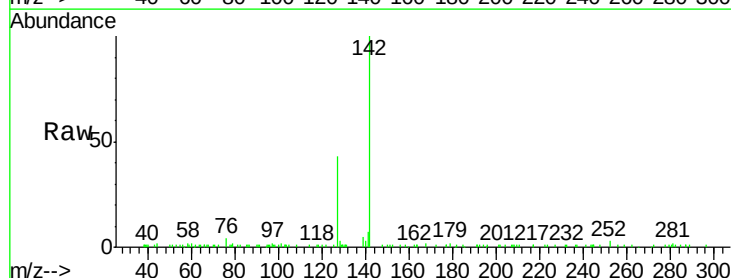
Tgt Ion:142 Resp: 150539

Ion Ratio Lower Upper

142 100

127 43.2 41.8 62.8

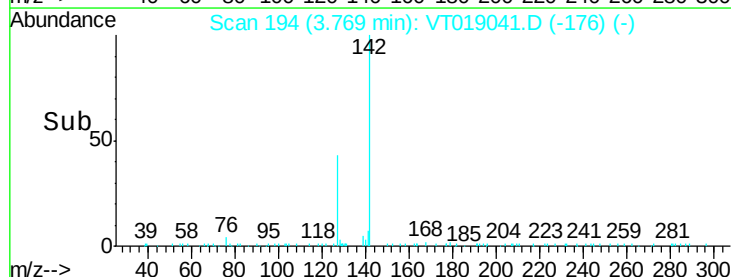
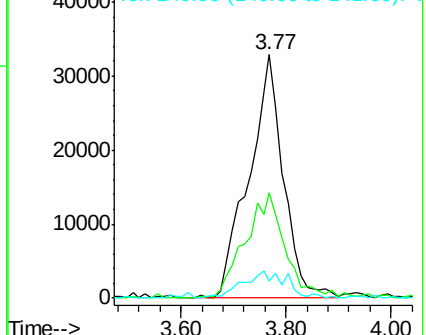
141 6.8 12.0 18.0#

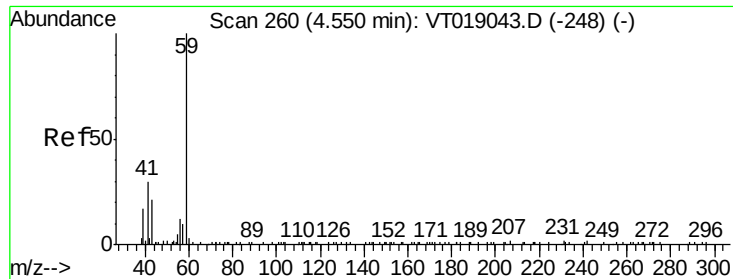


Abundance Ion 141.90 (141.60 to 142.60): V

Ion 126.90 (126.60 to 127.60): V

Ion 140.90 (140.60 to 141.60): V





#11

Tert butyl alcohol

Concen: 62.76 ug/l

RT: 4.55 min Scan# 260

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

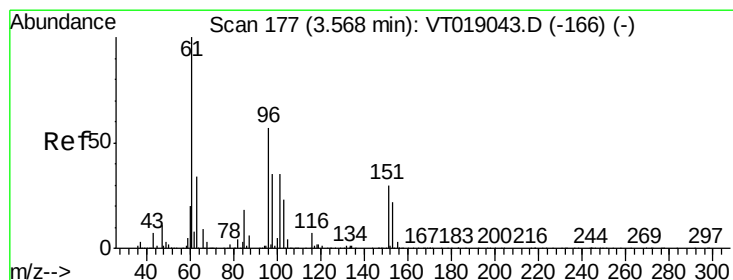
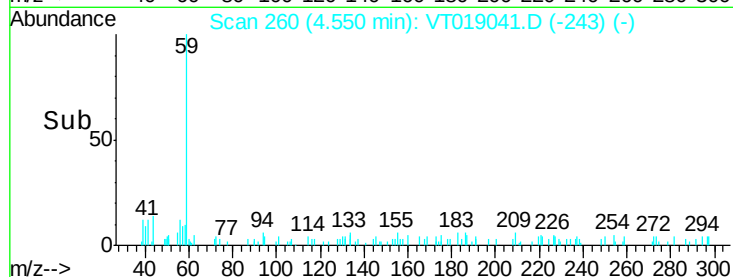
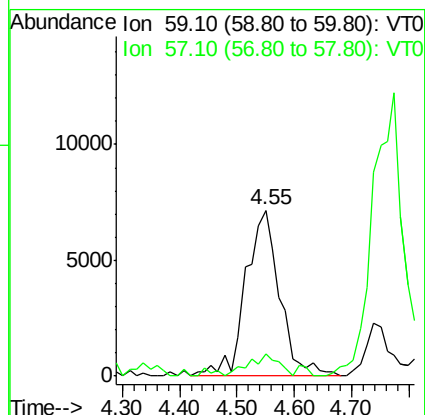
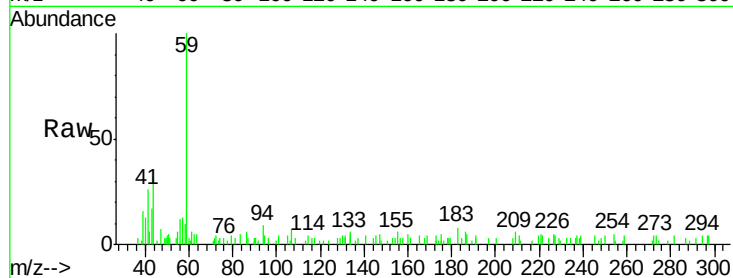
VSTDIC010

Tgt Ion: 59 Resp: 29549

Ion Ratio Lower Upper

59 100

57 13.1 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 8.67 ug/l

RT: 3.57 min Scan# 177

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

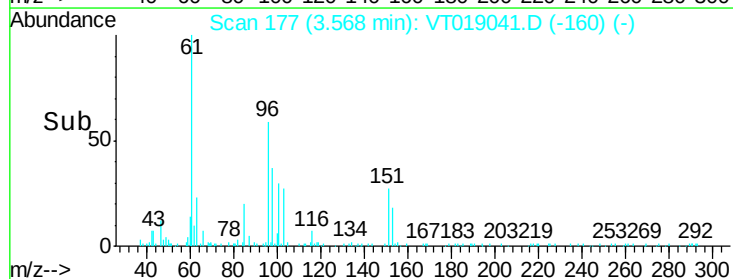
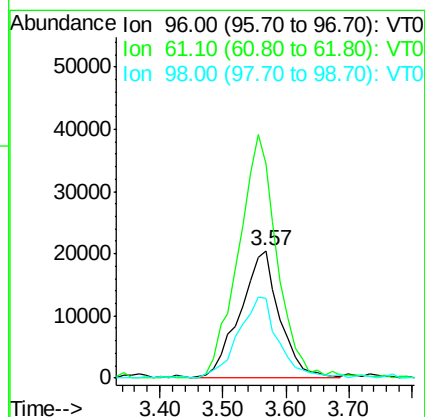
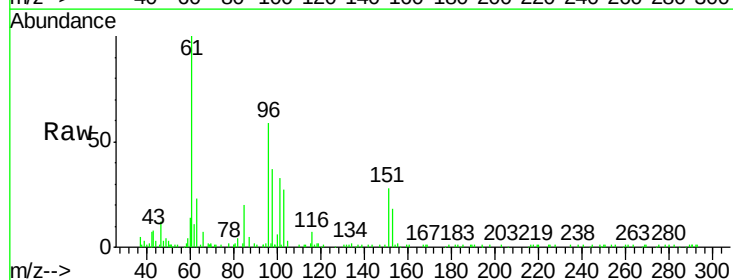
Tgt Ion: 96 Resp: 88186

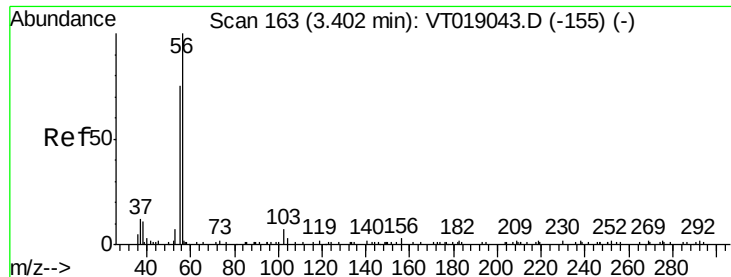
Ion Ratio Lower Upper

96 100

61 168.2 139.4 209.2

98 63.0 49.4 74.2





#13

Acrolein

Concen: 19.26 ug/l

RT: 3.39 min Scan# 162

Delta R.T. -0.01 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

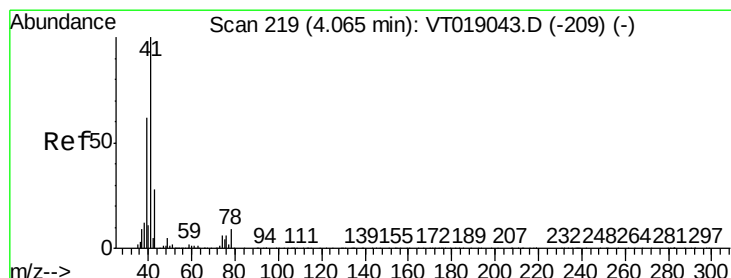
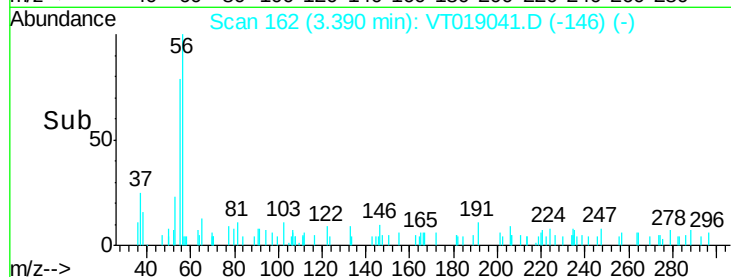
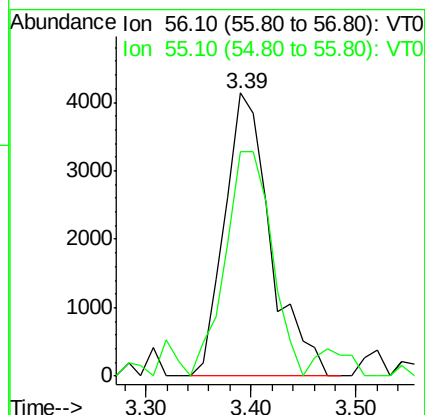
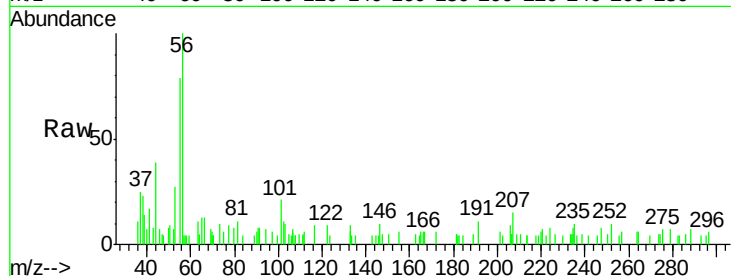
VSTDIC010

Tgt Ion: 56 Resp: 12515

Ion Ratio Lower Upper

56 100

55 79.2 60.8 91.2



#14

Allyl chloride

Concen: 10.21 ug/l

RT: 4.06 min Scan# 219

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

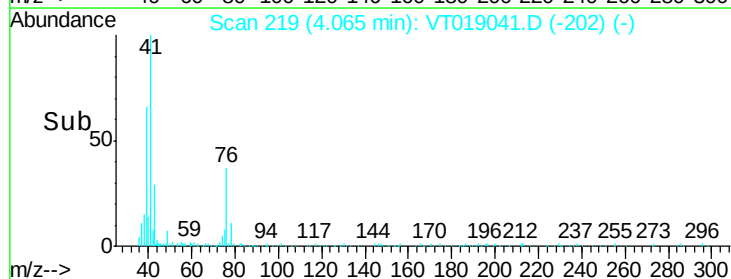
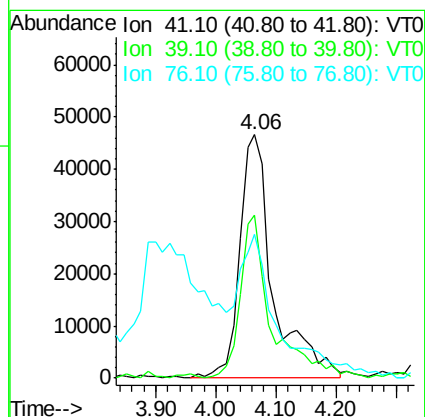
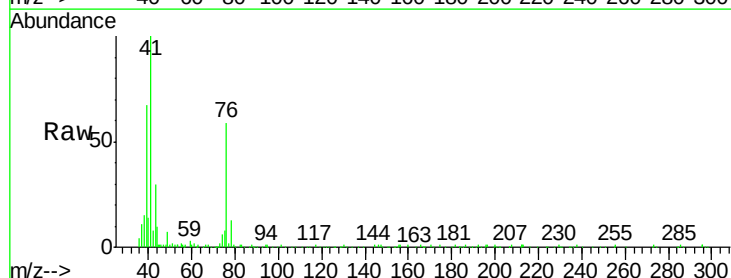
Tgt Ion: 41 Resp: 181649

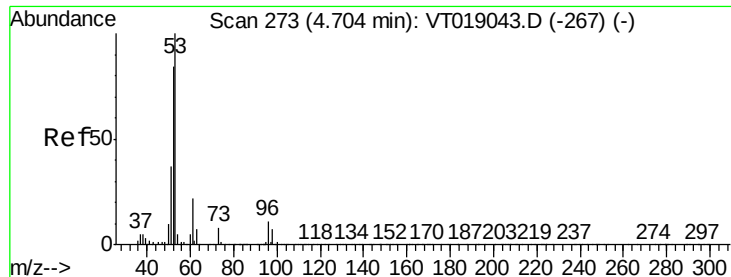
Ion Ratio Lower Upper

41 100

39 66.7 49.5 74.3

76 59.0 44.0 66.0





#15

Acrylonitrile

Concen: 45.92 ug/l

RT: 4.69 min Scan# 272

Delta R.T. -0.01 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

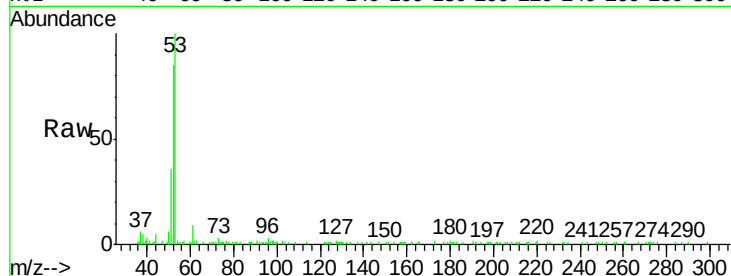
Tgt Ion: 53 Resp: 97765

Ion Ratio Lower Upper

53 100

52 83.4 67.4 101.0

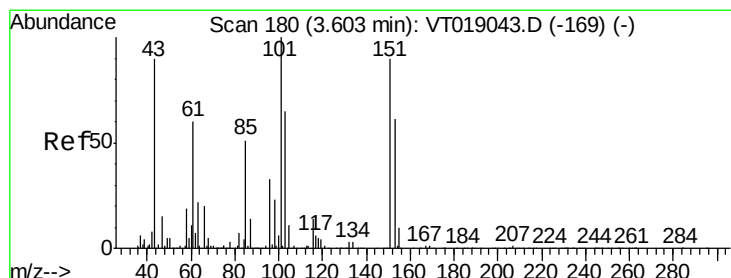
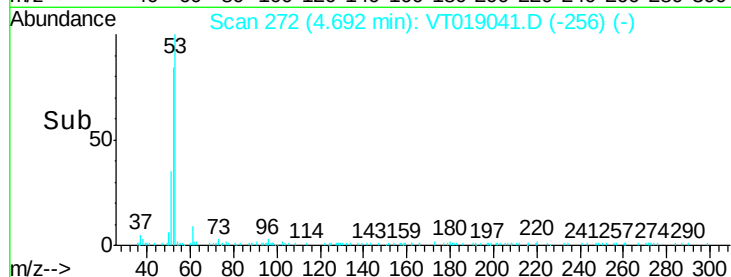
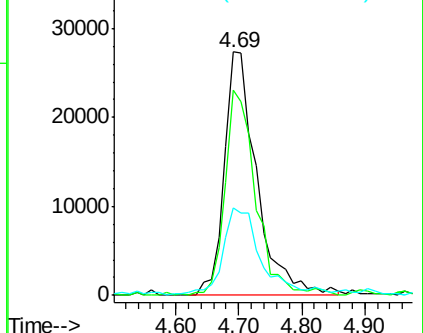
51 35.6 29.6 44.4



Abundance Ion 53.10 (52.80 to 53.80): VT0

Ion 52.10 (51.80 to 52.80): VT0

Ion 51.10 (50.80 to 51.80): VT0



#16

Acetone

Concen: 24.63 ug/l

RT: 3.59 min Scan# 179

Delta R.T. -0.01 min

Lab File: VT019041.D

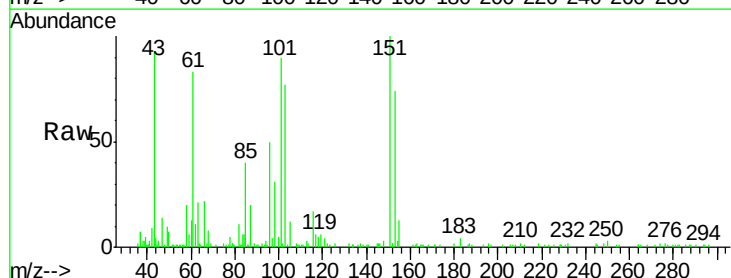
Acq: 8 May 2018 17:47

Tgt Ion: 43 Resp: 52363

Ion Ratio Lower Upper

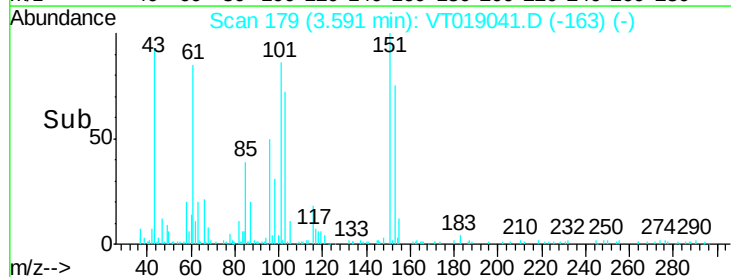
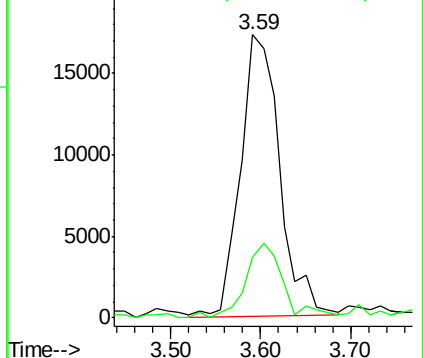
43 100

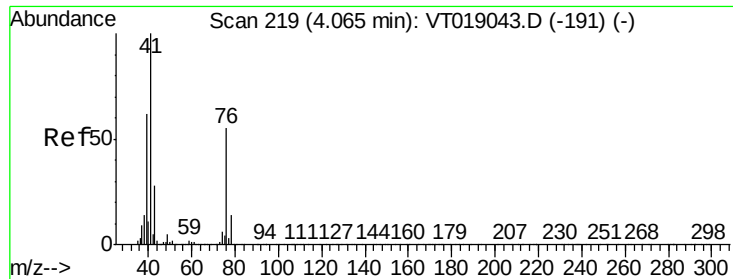
58 21.5 16.7 25.1



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 58.10 (57.80 to 58.80): VT0





#17

Carbon Disulfide

Concen: 3.46 ug/l

RT: 4.06 min Scan# 219

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

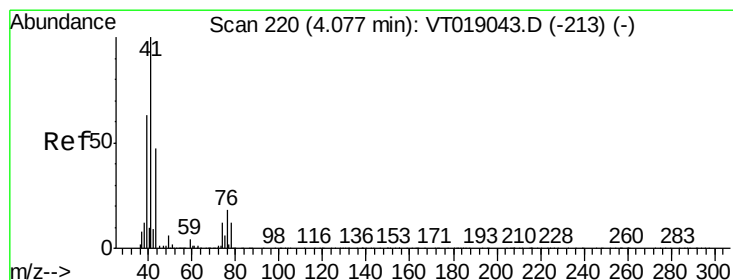
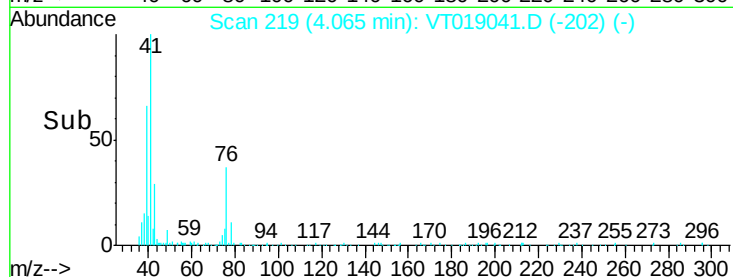
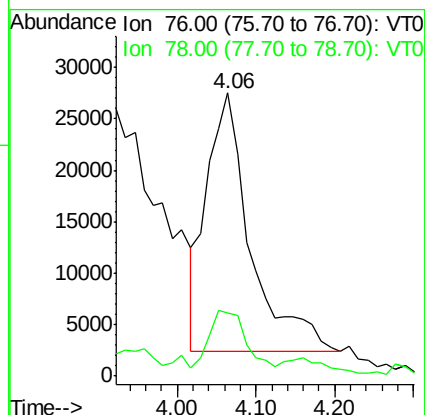
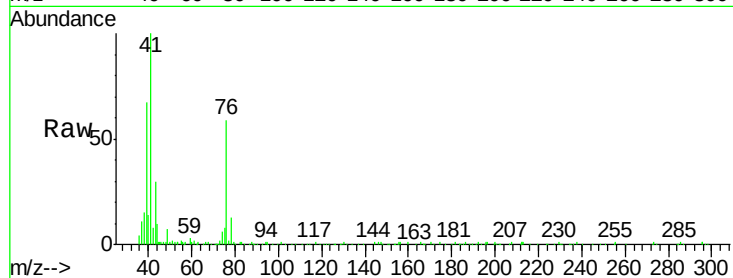
VSTDIC010

Tgt Ion: 76 Resp: 96747

Ion Ratio Lower Upper

76 100

78 22.3 19.8 29.8



#18

Methyl Acetate

Concen: 5.76 ug/l

RT: 4.08 min Scan# 220

Delta R.T. -0.00 min

Lab File: VT019041.D

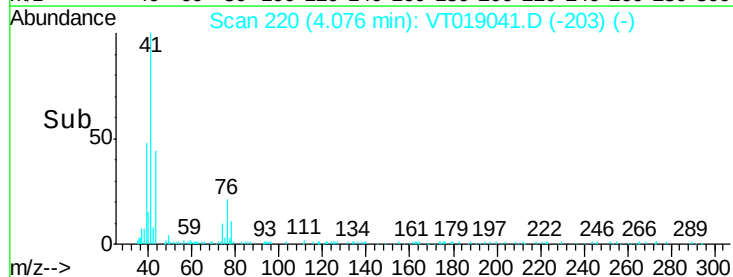
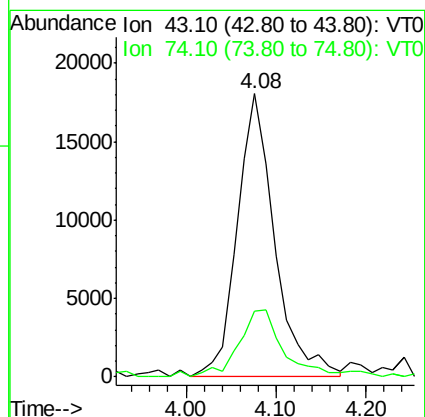
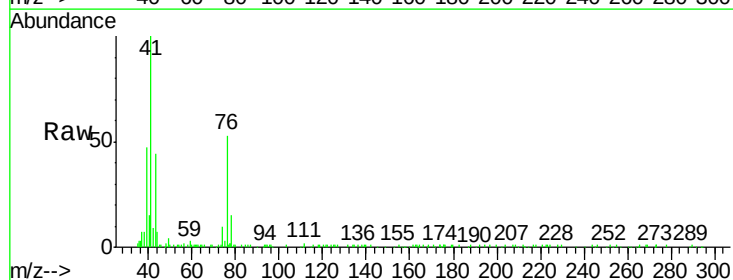
Acq: 8 May 2018 17:47

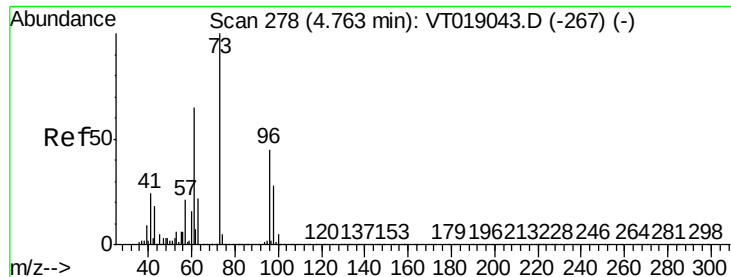
Tgt Ion: 43 Resp: 52233

Ion Ratio Lower Upper

43 100

74 23.3 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 10.84 ug/l

RT: 4.76 min Scan# 278

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

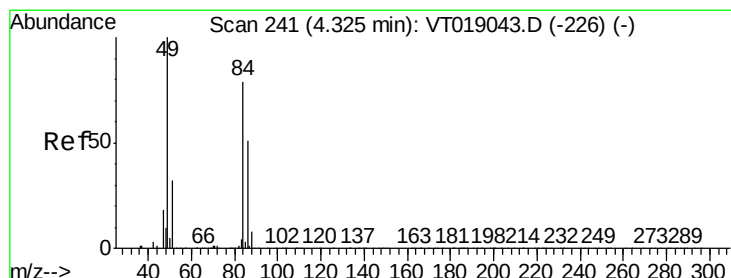
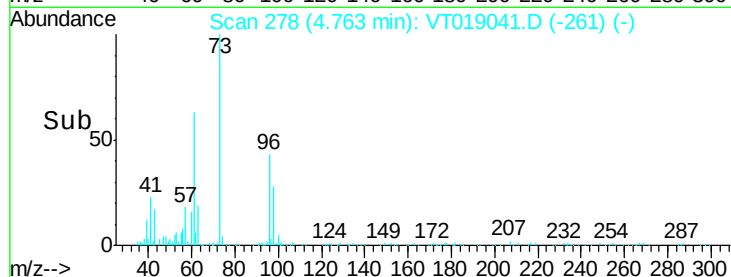
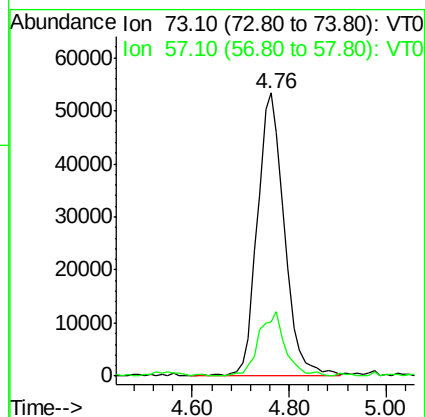
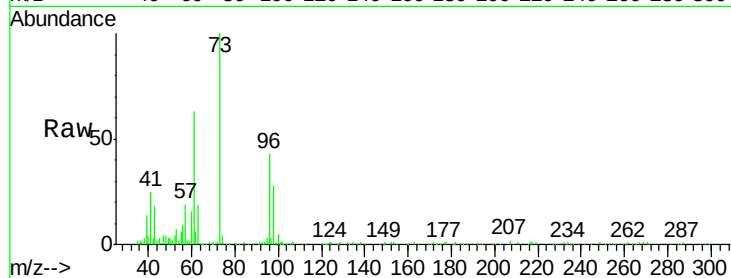
VSTDIC010

Tgt Ion: 73 Resp: 208766

Ion Ratio Lower Upper

73 100

57 19.0 16.6 25.0



#20

Methylene Chloride

Concen: 4.07 ug/l

RT: 4.29 min Scan# 238

Delta R.T. -0.04 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Tgt Ion: 84 Resp: 48229

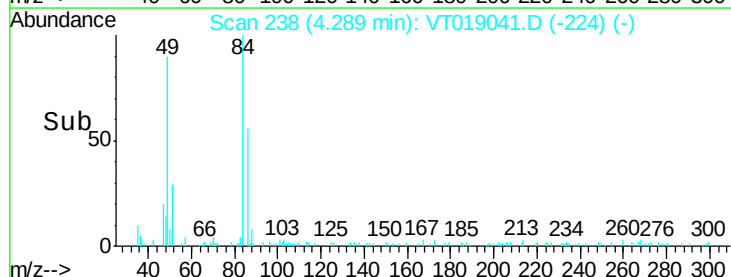
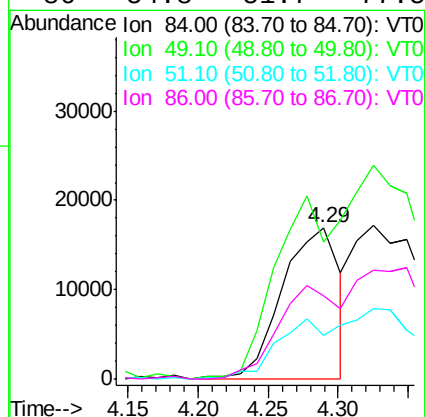
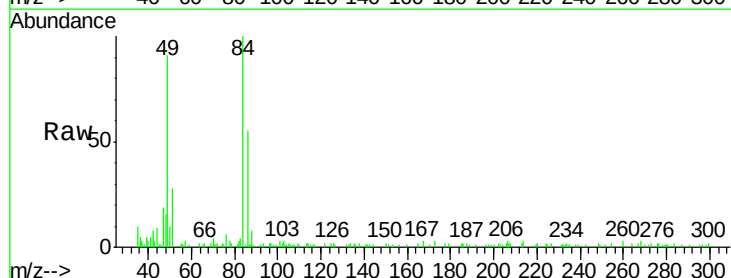
Ion Ratio Lower Upper

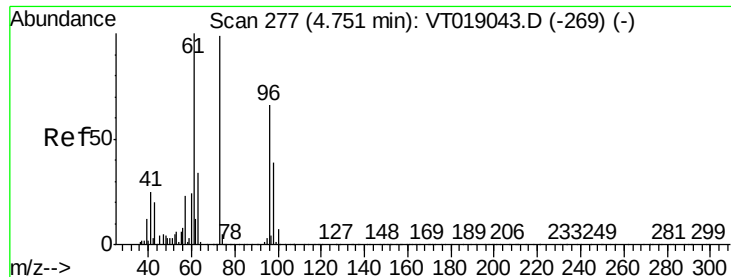
84 100

49 90.8 103.0 154.4#

51 28.3 33.3 49.9#

86 54.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 11.43 ug/l

RT: 4.74 min Scan# 276

Delta R.T. -0.01 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

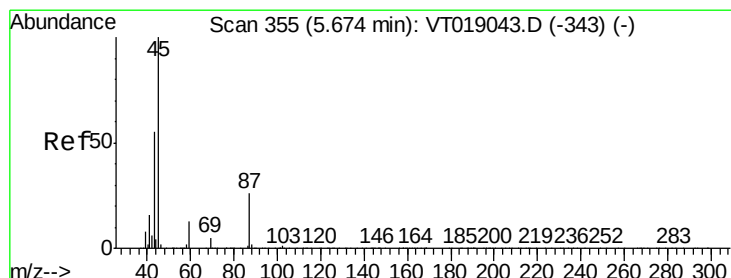
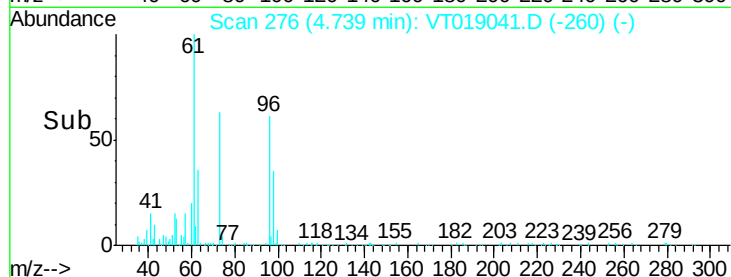
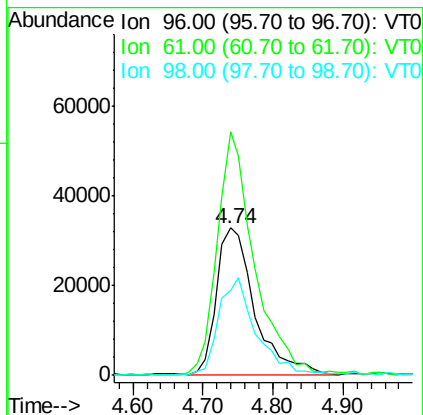
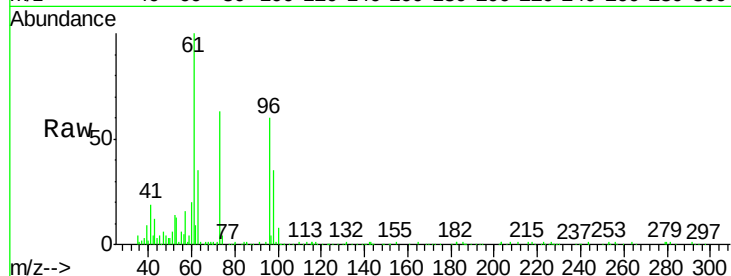
Tgt Ion: 96 Resp: 124952

Ion Ratio Lower Upper

96 100

61 165.3 120.8 181.2

98 57.6 47.4 71.2



#22

Diisopropyl ether

Concen: 10.90 ug/l

RT: 5.67 min Scan# 355

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Tgt Ion: 45 Resp: 342507

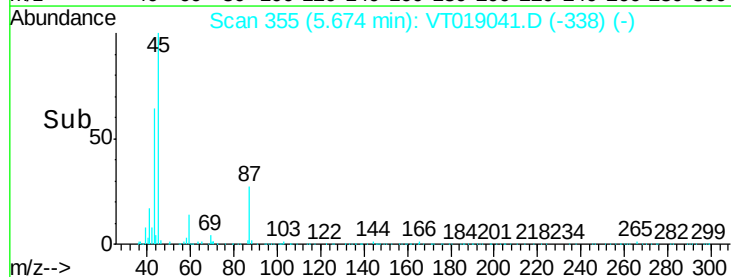
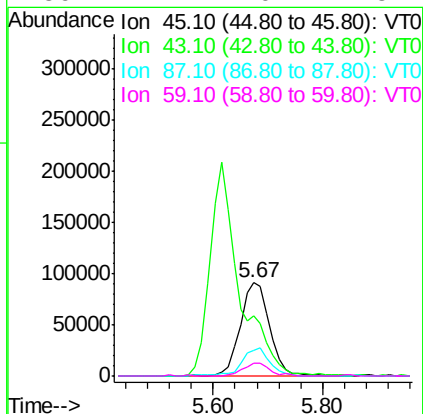
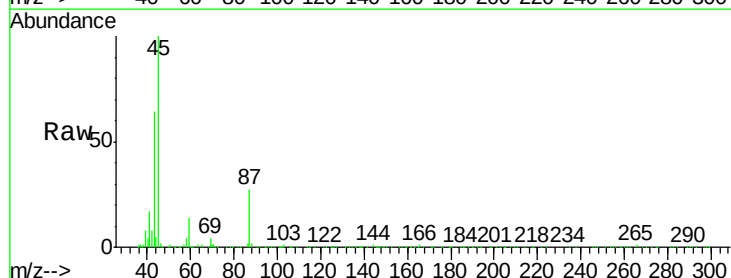
Ion Ratio Lower Upper

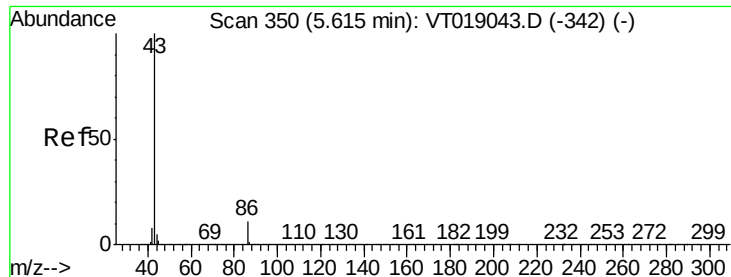
45 100

43 64.0 43.8 65.6

87 27.3 20.8 31.2

59 14.1 10.2 15.4





#23

Vinyl Acetate

Concen: 66.08 ug/l

RT: 5.61 min Scan# 350

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

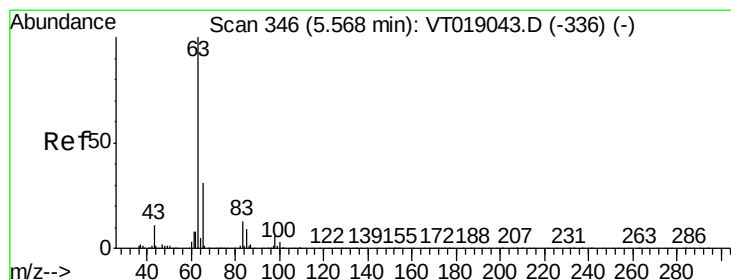
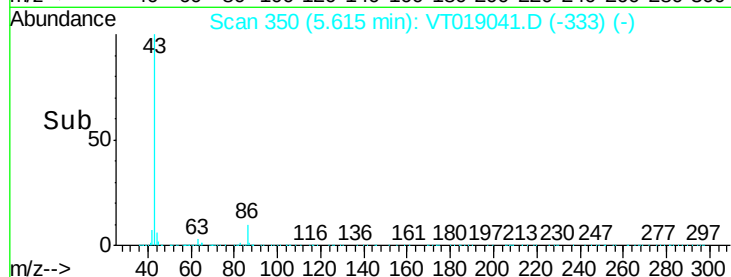
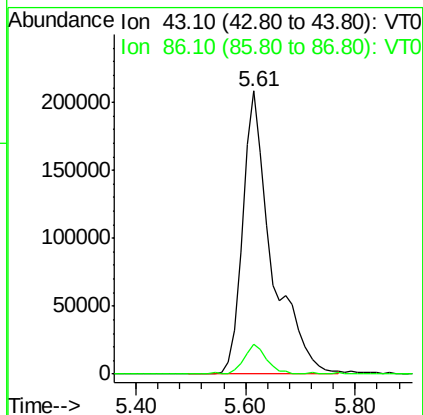
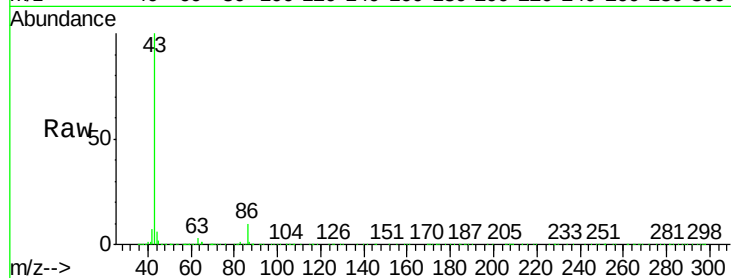
VSTDIC010

Tgt Ion: 43 Resp: 771821

Ion Ratio Lower Upper

43 100

86 10.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 13.37 ug/l

RT: 5.56 min Scan# 345

Delta R.T. -0.01 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

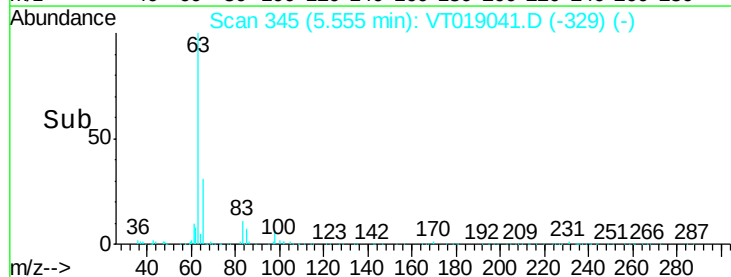
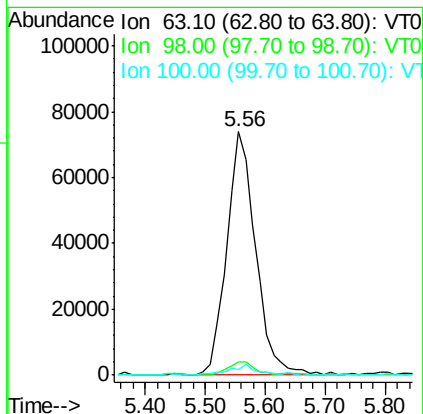
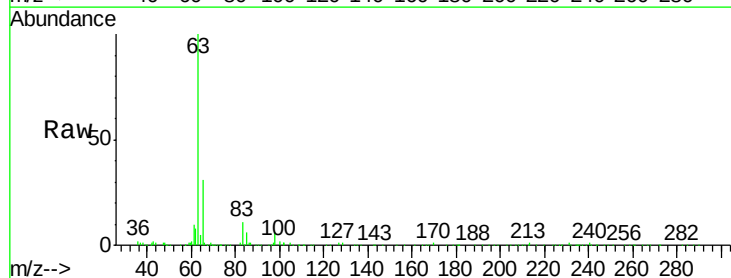
Tgt Ion: 63 Resp: 248472

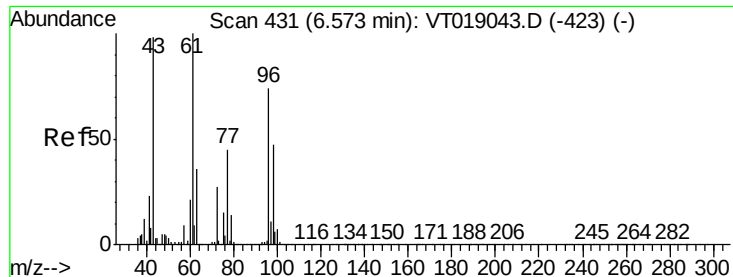
Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.4

100 2.1 1.7 5.1





#25

2-Butanone

Concen: 41.35 ug/l

RT: 6.57 min Scan# 431

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

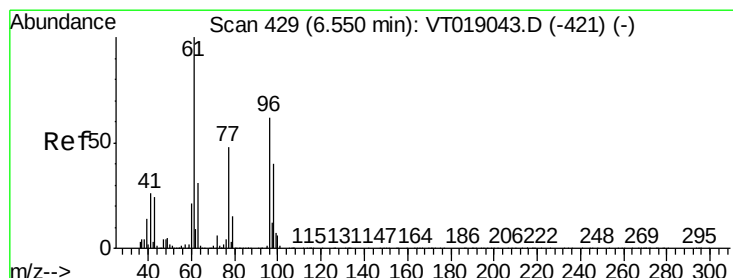
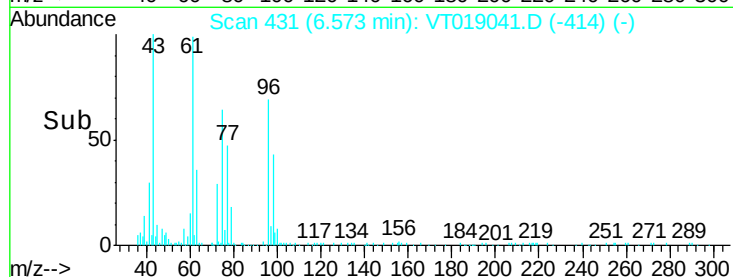
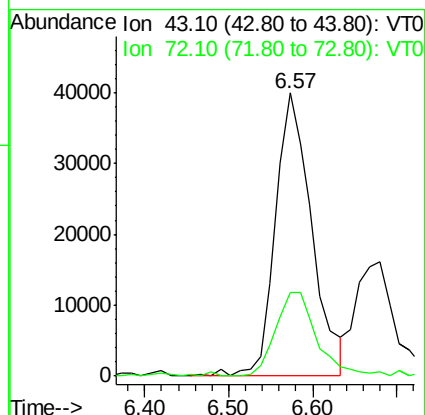
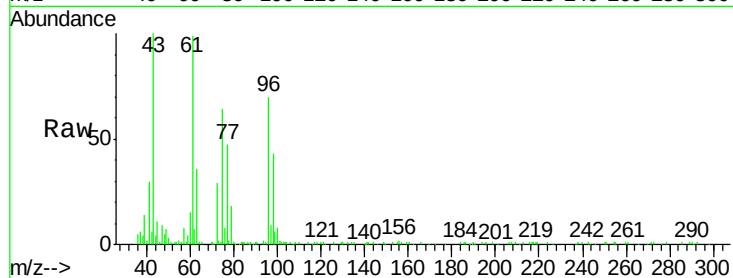
VSTDIC010

Tgt Ion: 43 Resp: 120018

Ion Ratio Lower Upper

43 100

72 29.4 22.1 33.1



#26

2,2-Dichloropropane

Concen: 11.80 ug/l

RT: 6.55 min Scan# 429

Delta R.T. -0.00 min

Lab File: VT019041.D

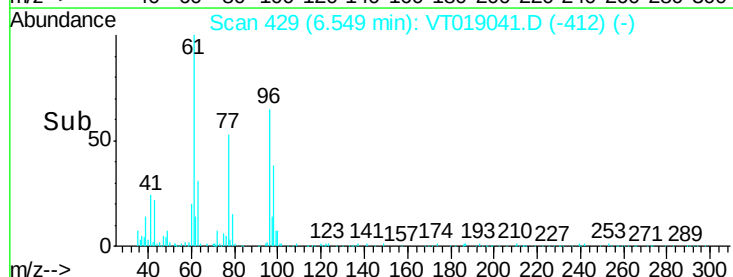
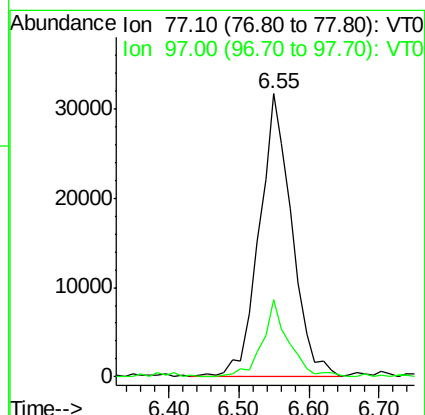
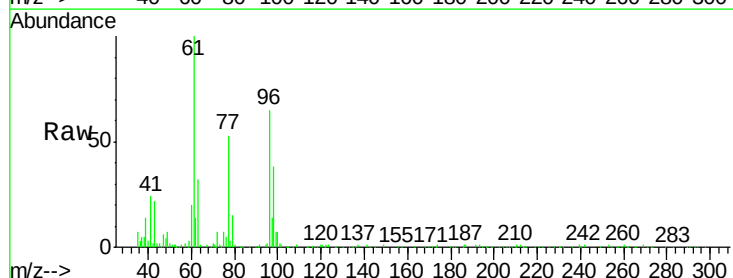
Acq: 8 May 2018 17:47

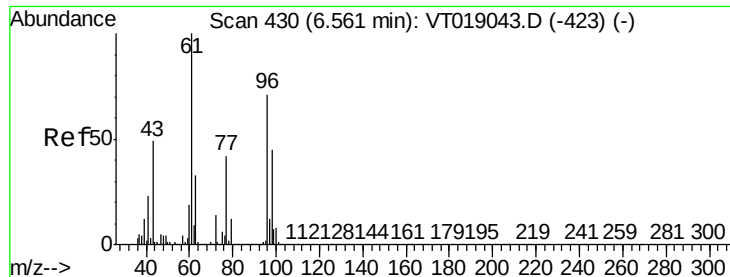
Tgt Ion: 77 Resp: 103237

Ion Ratio Lower Upper

77 100

97 27.1 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 11.72 ug/l

RT: 6.56 min Scan# 430

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

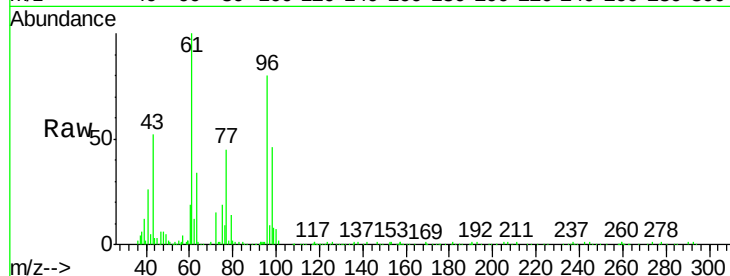
Tgt Ion: 96 Resp: 125112

Ion Ratio Lower Upper

96 100

61 125.3 0.0 282.0

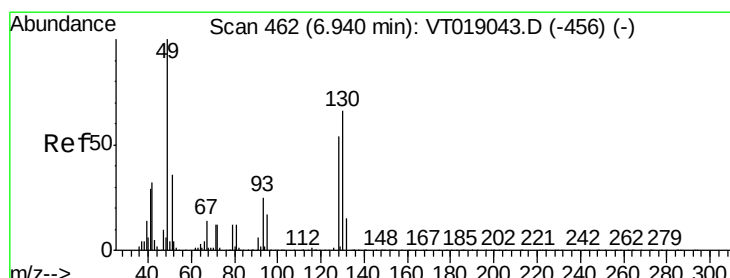
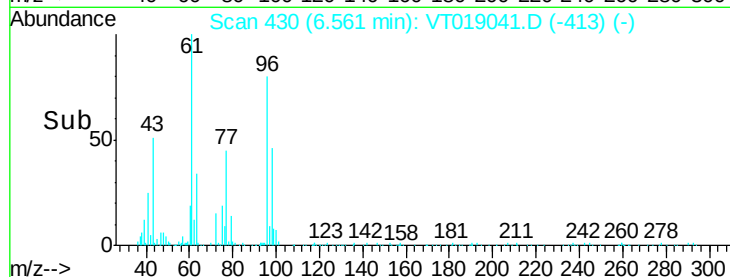
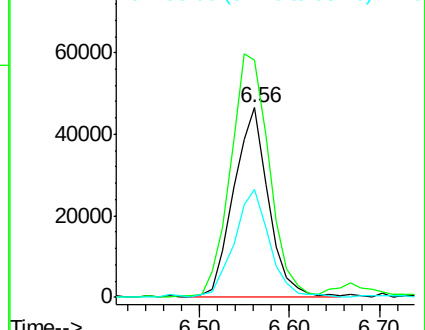
98 57.1 0.0 125.8



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: 11.05 ug/l

RT: 6.94 min Scan# 462

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

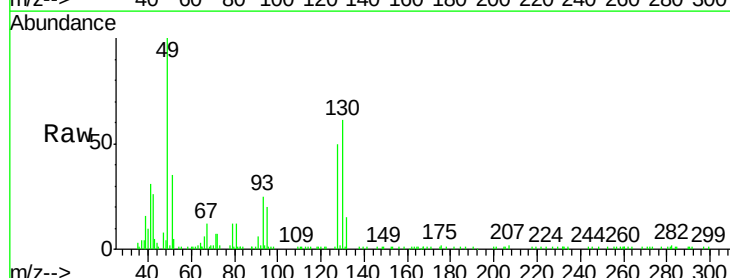
Tgt Ion: 49 Resp: 83985

Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

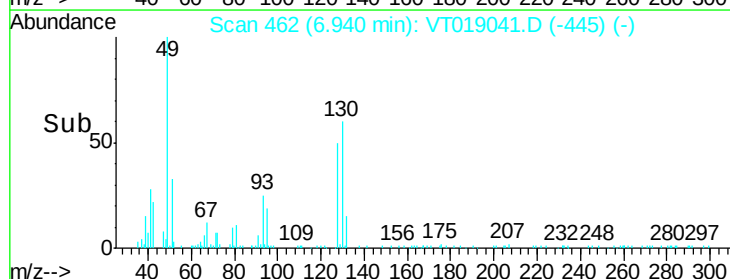
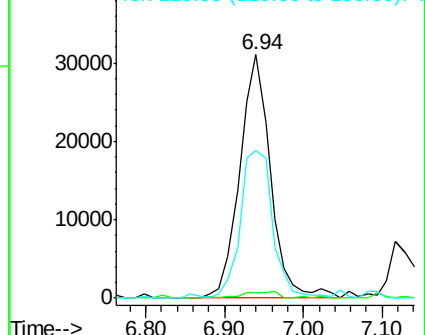
130 60.6 52.4 78.6

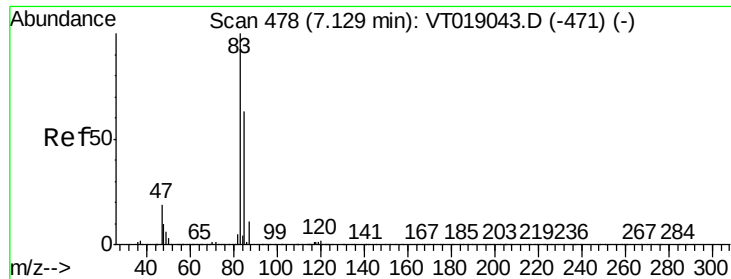


Abundance Ion 49.10 (48.80 to 49.80): VT0

Ion 129.00 (128.70 to 129.70): V

Ion 129.90 (129.60 to 130.60): V

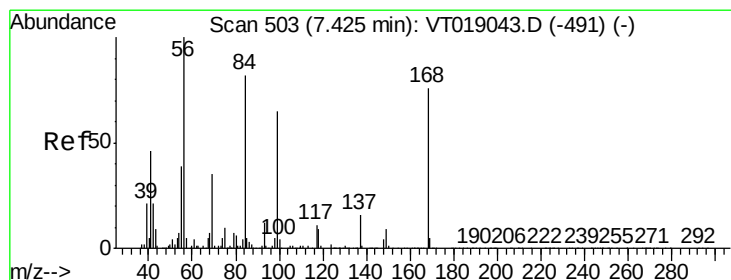
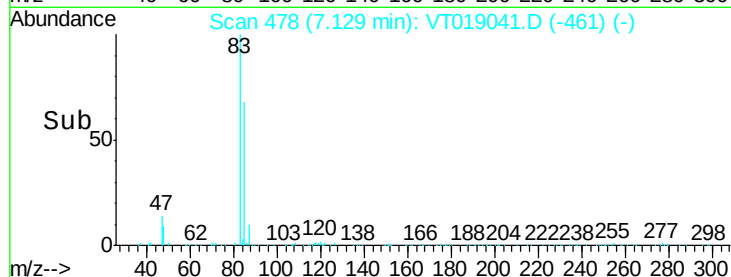
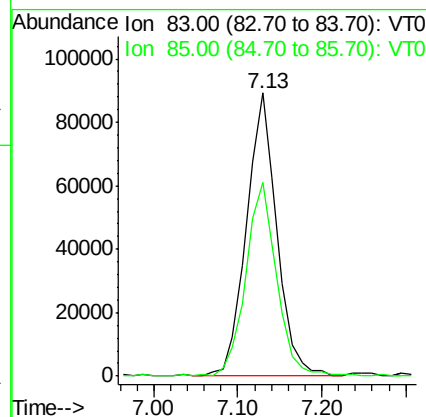
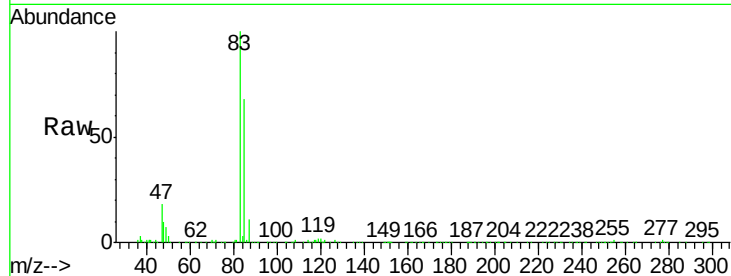




#29
Chloroform
Concen: 13.26 ug/l
RT: 7.13 min Scan# 478
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

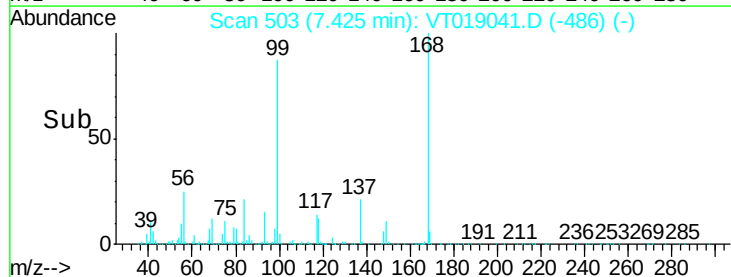
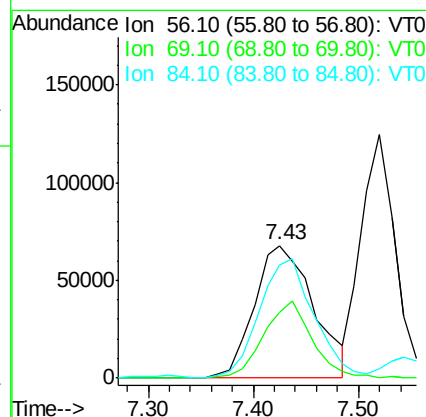
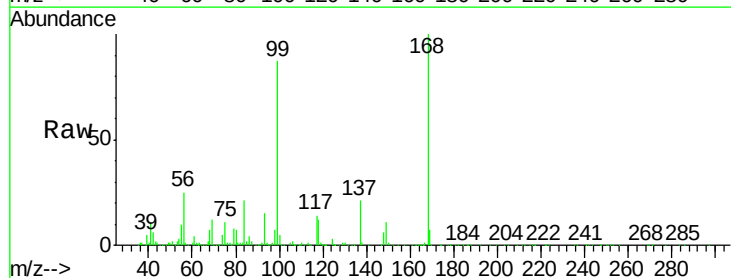
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

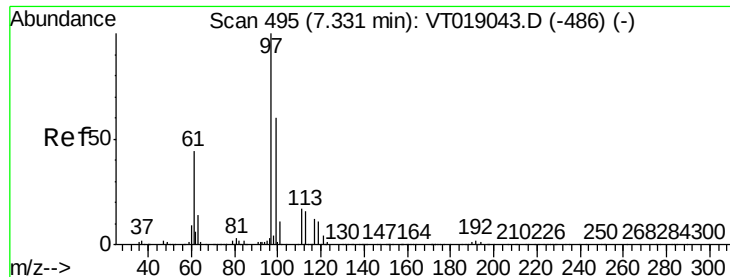
Tgt Ion: 83 Resp: 225696
Ion Ratio Lower Upper
83 100
85 68.3 50.6 76.0



#30
Cyclohexane
Concen: 12.59 ug/l
RT: 7.43 min Scan# 503
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion: 56 Resp: 266304
Ion Ratio Lower Upper
56 100
69 49.2 28.2 42.2#
84 84.9 65.6 98.4





#31

1,1,1-Trichloroethane

Concen: 12.45 ug/l

RT: 7.33 min Scan# 495

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

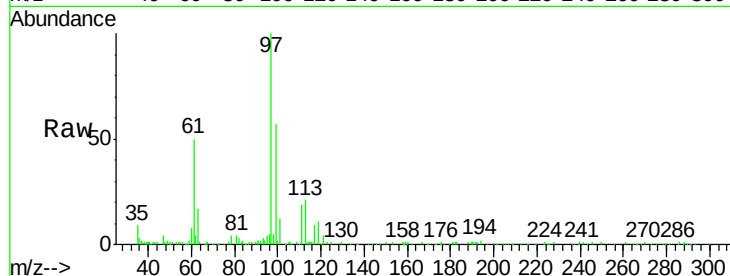
Tgt Ion: 97 Resp: 162192

Ion Ratio Lower Upper

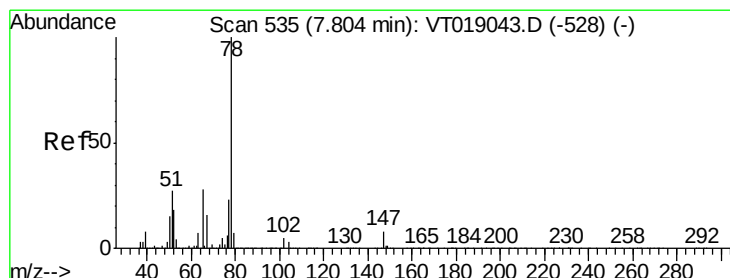
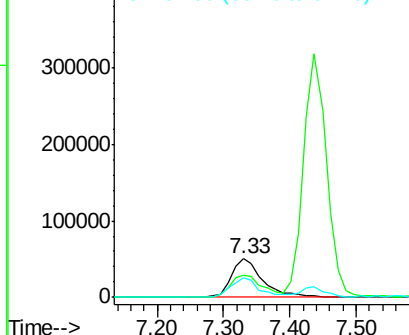
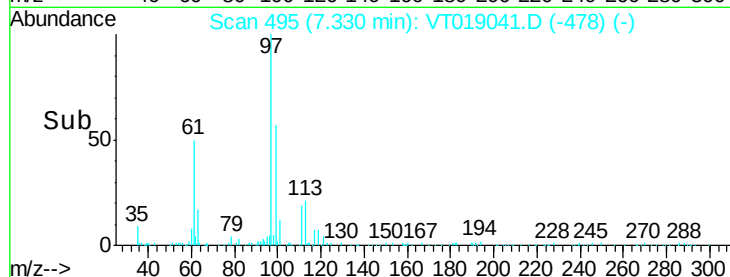
97 100

99 57.3 47.6 71.4

61 50.0 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: 11.36 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019041.D

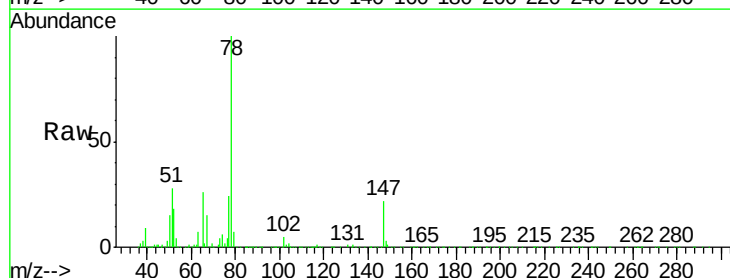
Acq: 8 May 2018 17:47

Tgt Ion: 65 Resp: 100051

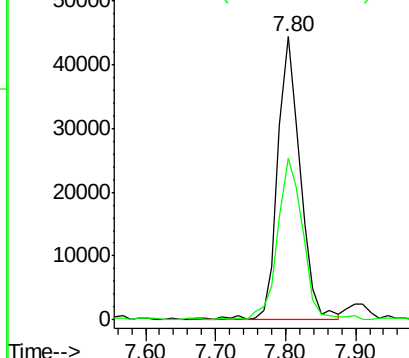
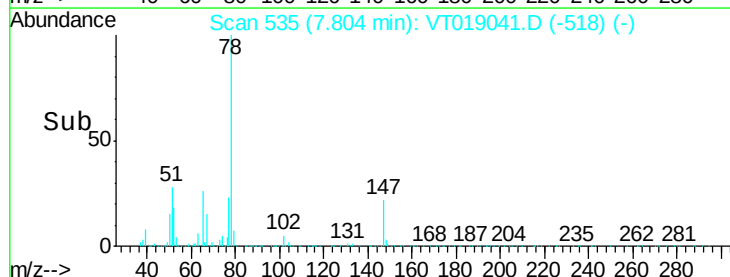
Ion Ratio Lower Upper

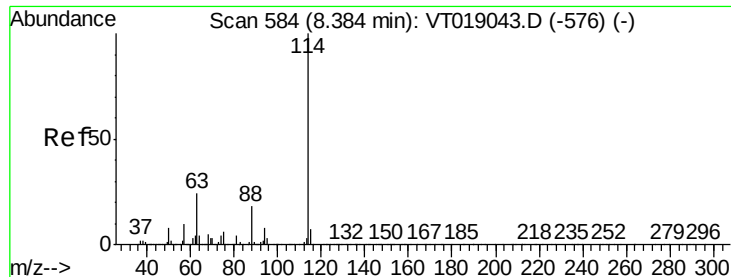
65 100

67 57.1 0.0 114.2



Abundance Ion 65.10 (64.80 to 65.80): VT0
Ion 67.10 (66.80 to 67.80): VT0

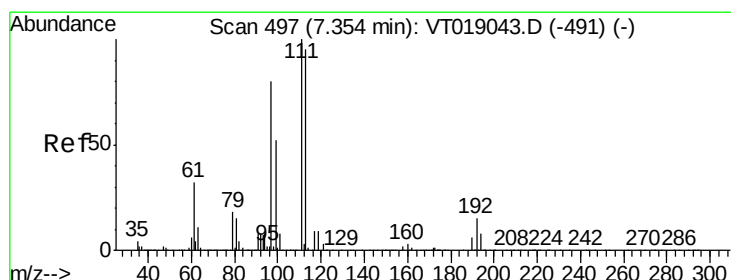
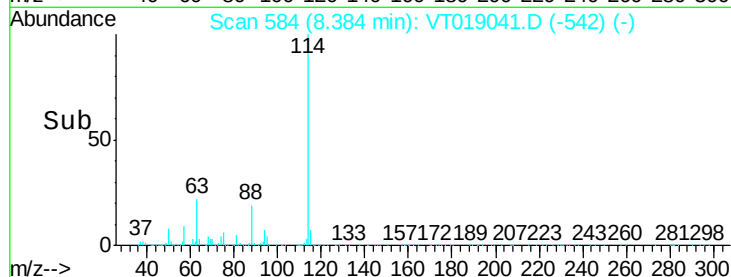
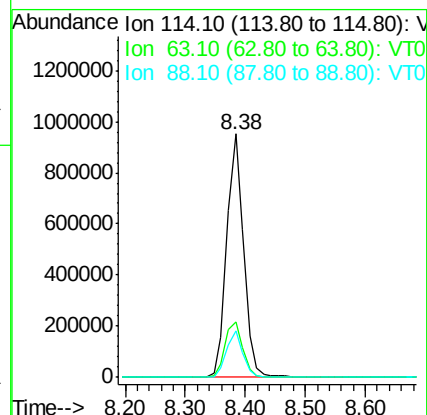
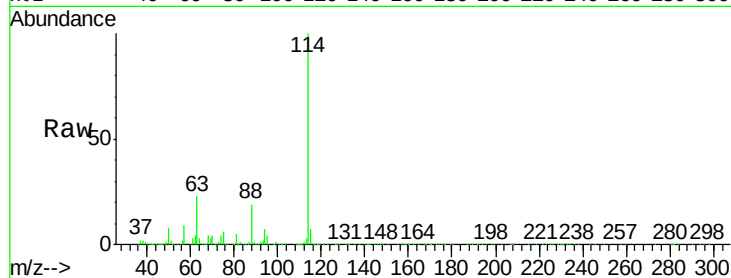




#33
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.38 min Scan# 584
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

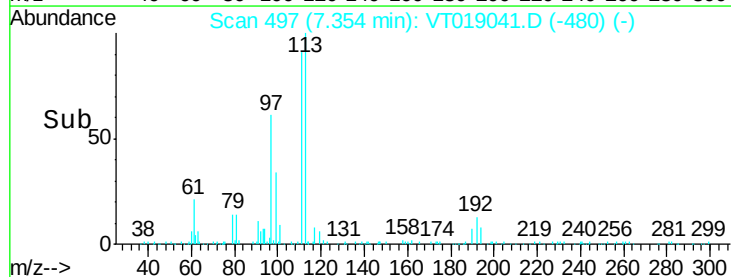
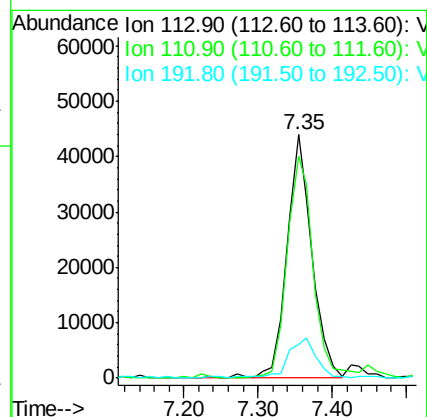
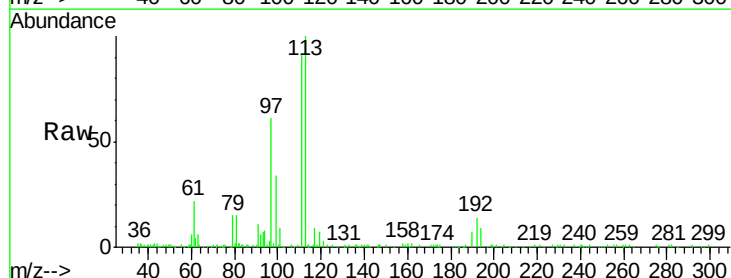
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

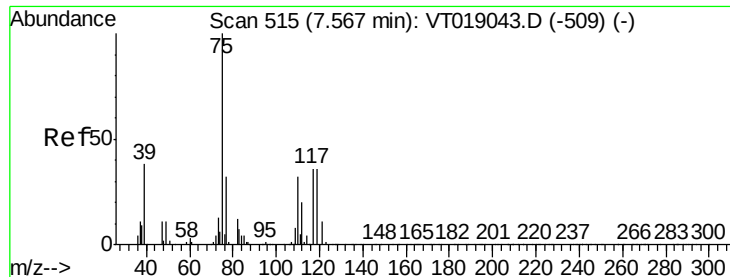
Tgt Ion:114 Resp: 1846434
Ion Ratio Lower Upper
114 100
63 22.6 0.0 48.8
88 19.1 0.0 37.0



#34
Dibromofluoromethane
Concen: 10.40 ug/l
RT: 7.35 min Scan# 497
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion:113 Resp: 104032
Ion Ratio Lower Upper
113 100
111 91.0 84.0 126.0
192 13.6 12.9 19.3





#35

1,1-Dichloropropene

Concen: 11.28 ug/l

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

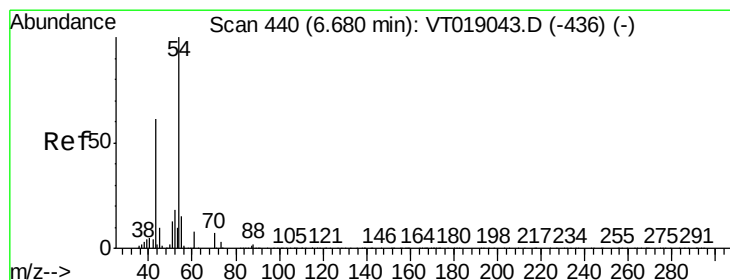
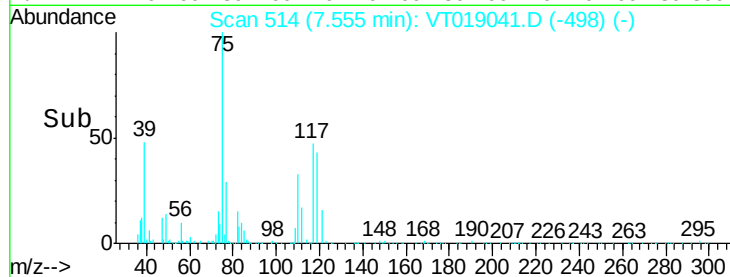
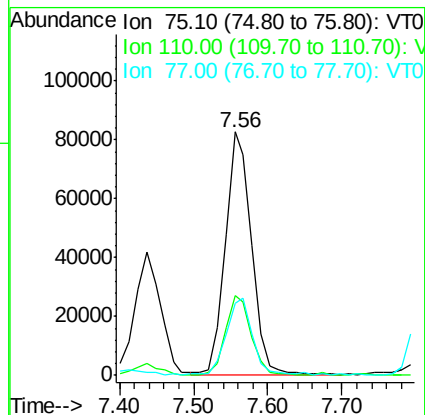
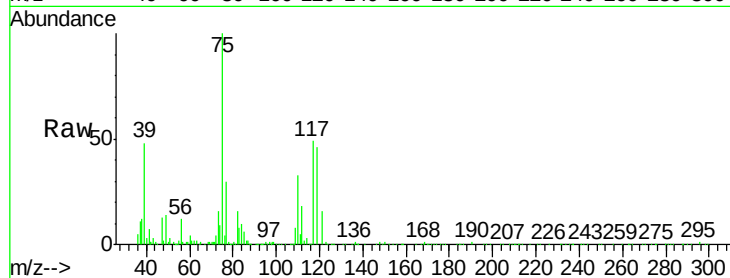
Tgt Ion: 75 Resp: 205770

Ion Ratio Lower Upper

75 100

110 33.0 15.9 47.6

77 29.7 25.9 38.9



#36

Ethyl Acetate

Concen: 7.57 ug/l

RT: 6.68 min Scan# 440

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

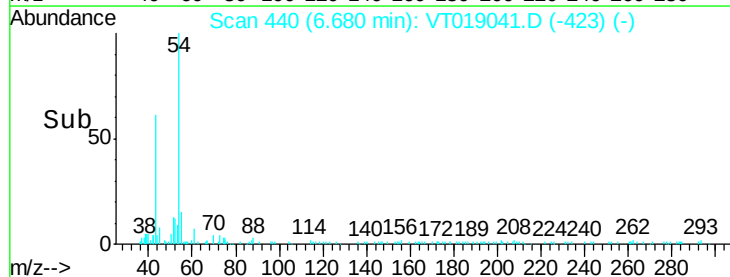
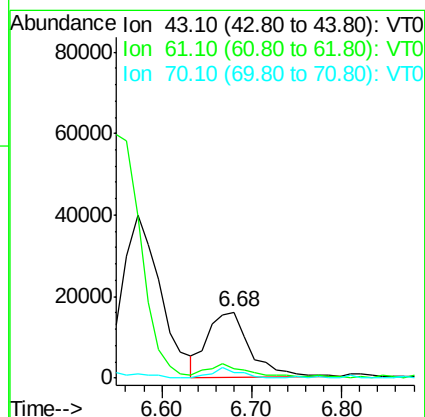
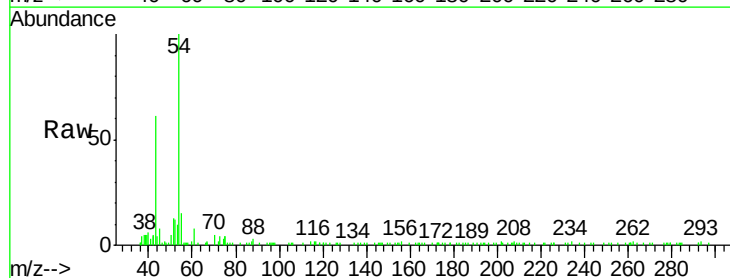
Tgt Ion: 43 Resp: 51038

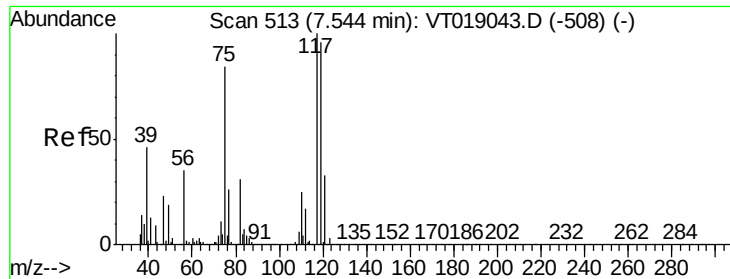
Ion Ratio Lower Upper

43 100

61 13.6 14.2 21.2#

70 7.7 8.4 12.6#





#37

Carbon Tetrachloride

Concen: 10.62 ug/l

RT: 7.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

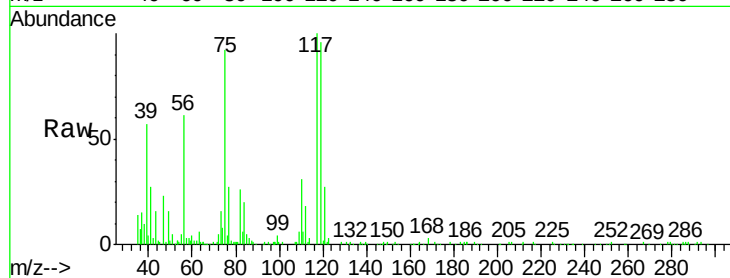
Tgt Ion: 117 Resp: 162025

Ion Ratio Lower Upper

117 100

119 95.7 76.5 114.7

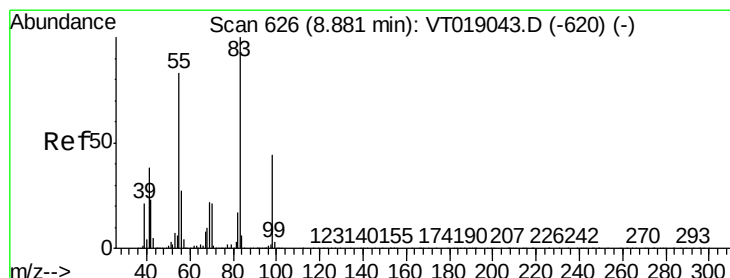
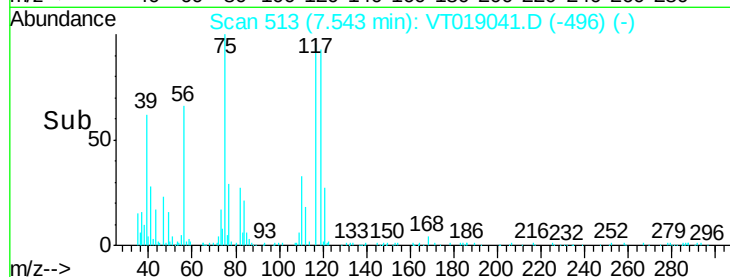
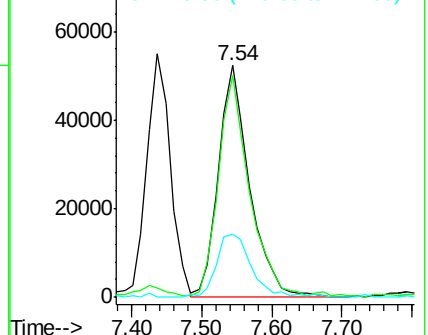
121 27.5 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

Ion 120.90 (120.60 to 121.60): V



#38

Methylcyclohexane

Concen: 10.04 ug/l

RT: 8.88 min Scan# 626

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

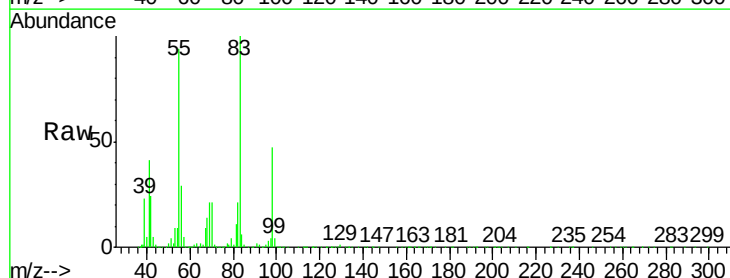
Tgt Ion: 83 Resp: 233961

Ion Ratio Lower Upper

83 100

55 94.2 66.7 100.1

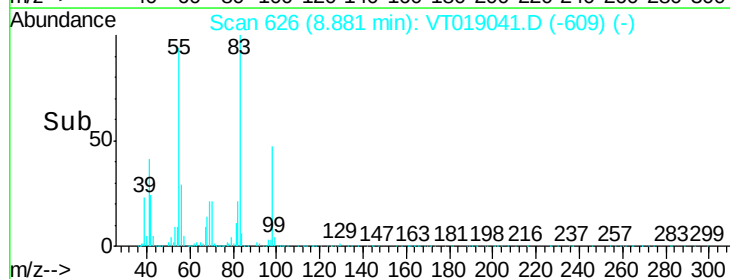
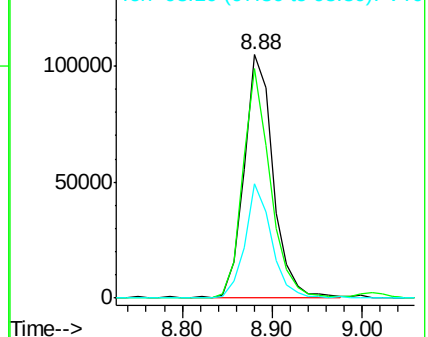
98 47.0 35.5 53.3

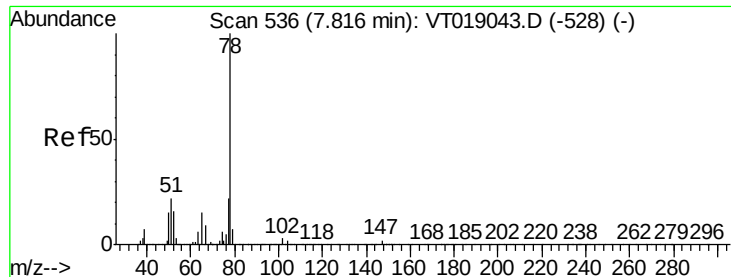


Abundance Ion 83.10 (82.80 to 83.80): VT0

Ion 55.10 (54.80 to 55.80): VT0

Ion 98.10 (97.80 to 98.80): VT0





#39

Benzene

Concen: 11.02 ug/l

RT: 7.82 min Scan# 536

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

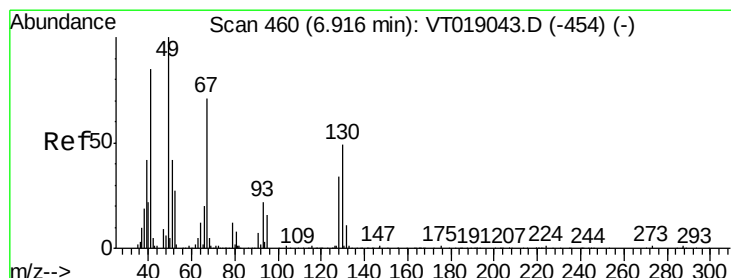
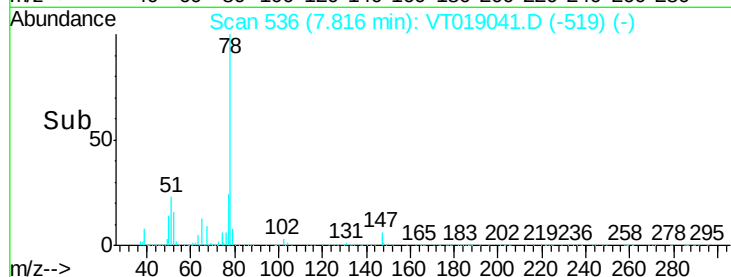
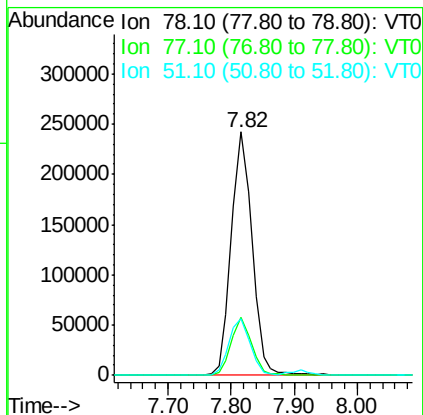
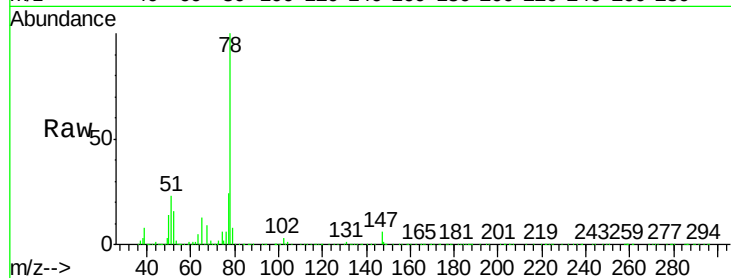
Tgt Ion: 78 Resp: 555446

Ion Ratio Lower Upper

78 100

77 23.9 18.0 27.0

51 23.1 17.3 25.9



#40

Methacrylonitrile

Concen: 16.78 ug/l

RT: 6.96 min Scan# 464

Delta R.T. 0.05 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Tgt Ion: 41 Resp: 66771

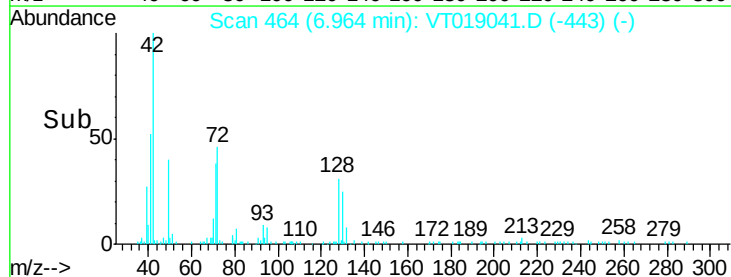
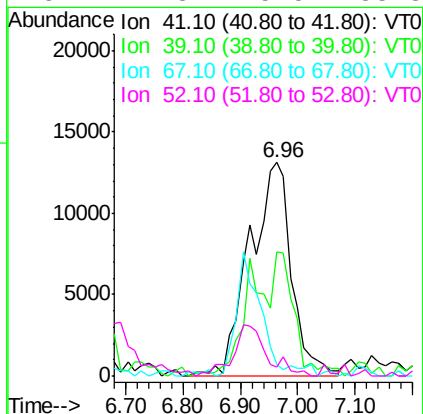
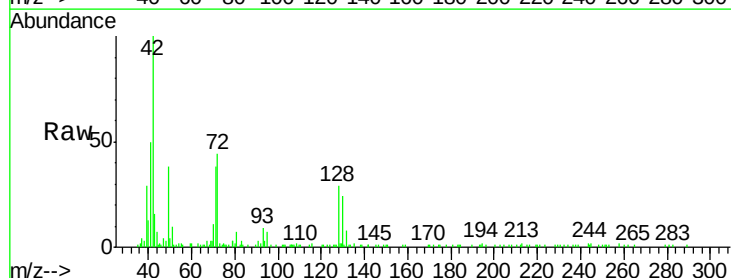
Ion Ratio Lower Upper

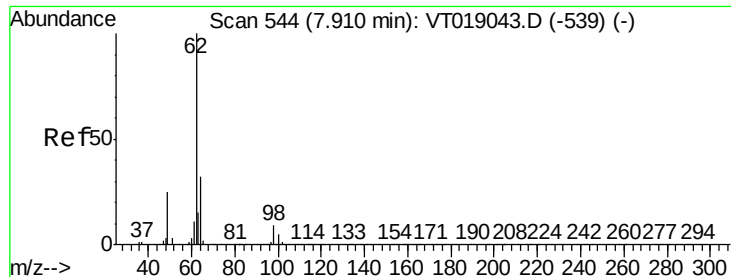
41 100

39 58.2 39.4 59.0

67 5.4 66.8 100.2#

52 4.3 25.5 38.3#





#41

1,2-Dichloroethane

Concen: 9.60 ug/l

RT: 7.91 min Scan# 544

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

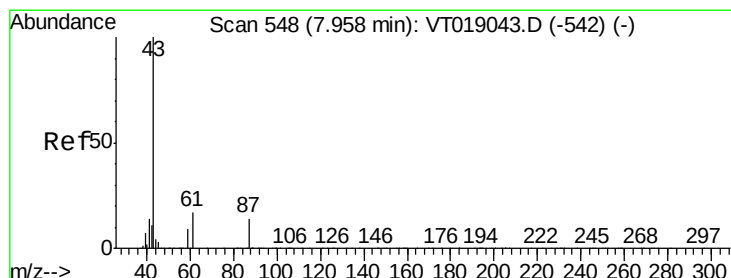
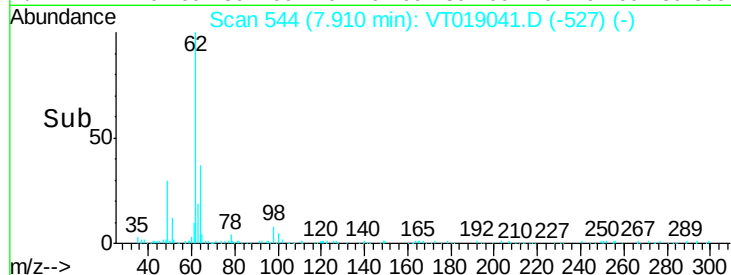
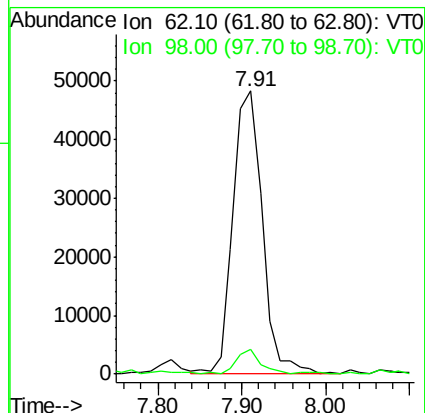
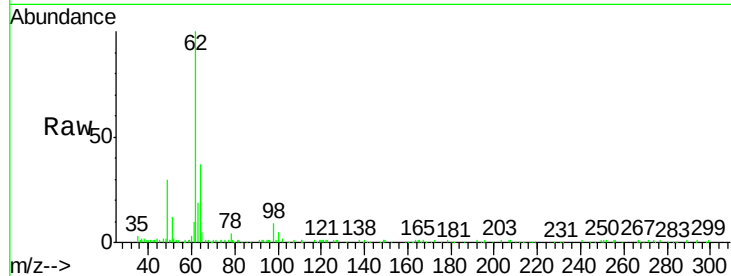
VSTDIC010

Tgt Ion: 62 Resp: 116486

Ion Ratio Lower Upper

62 100

98 8.8 0.0 17.4



#42

Isopropyl Acetate

Concen: 7.80 ug/l

RT: 7.96 min Scan# 548

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

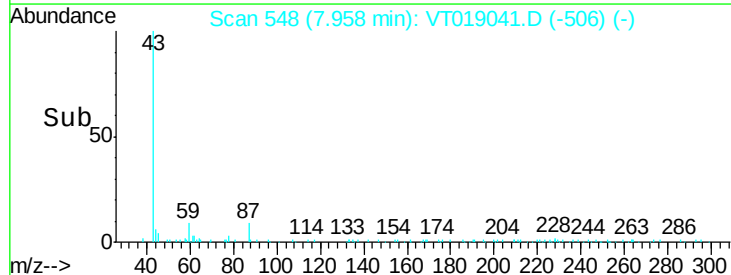
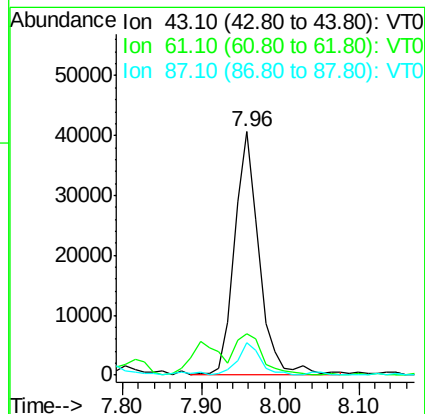
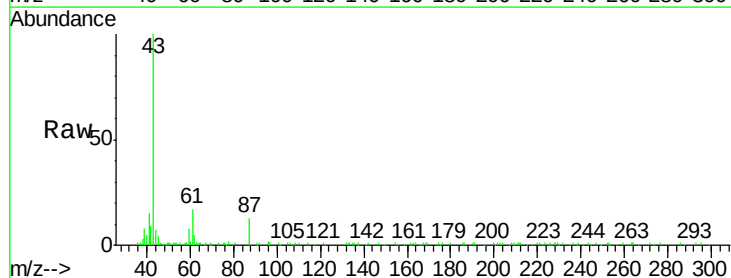
Tgt Ion: 43 Resp: 86277

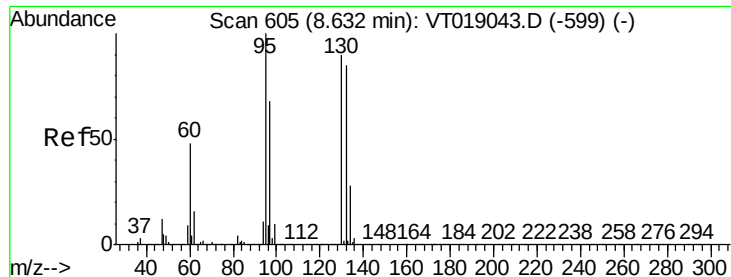
Ion Ratio Lower Upper

43 100

61 17.2 17.9 26.9#

87 13.1 11.0 16.6





#43

Trichloroethene

Concen: 9.78 ug/l

RT: 8.63 min Scan# 605

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

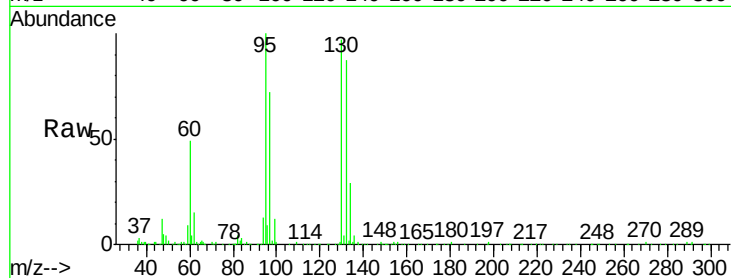
VSTDIC010

Tgt Ion:130 Resp: 124996

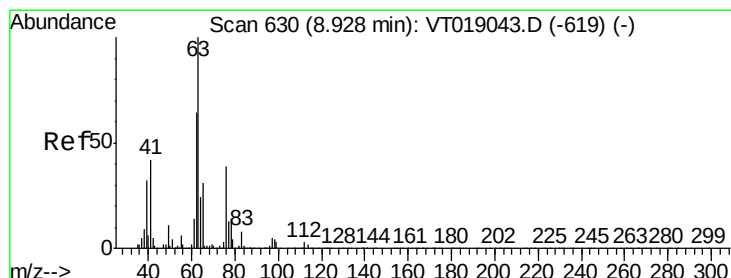
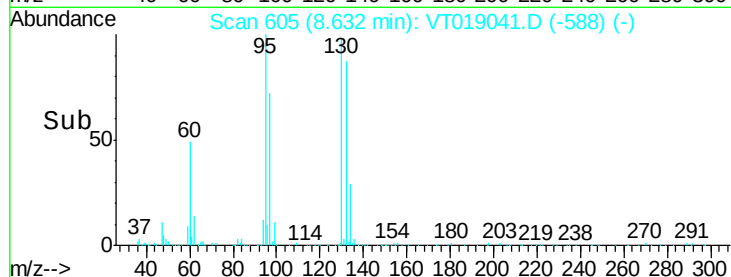
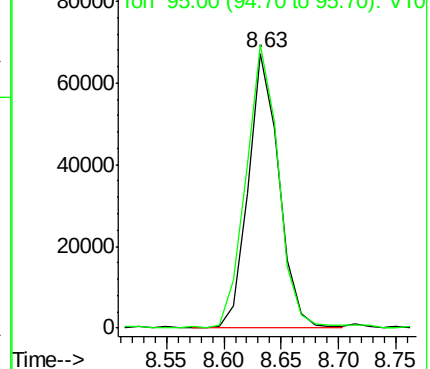
Ion Ratio Lower Upper

130 100

95 103.0 0.0 222.6



Abundance Ion 129.90 (129.60 to 130.60): VT0



#44

1,2-Dichloropropane

Concen: 11.26 ug/l

RT: 8.92 min Scan# 629

Delta R.T. -0.01 min

Lab File: VT019041.D

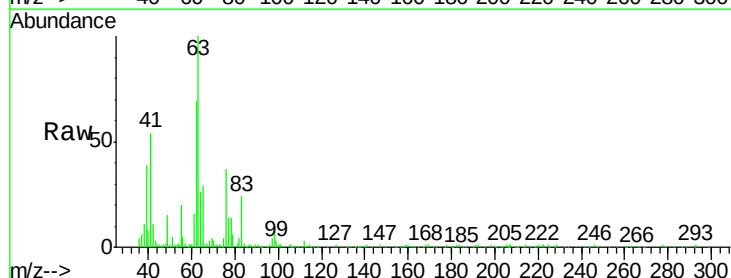
Acq: 8 May 2018 17:47

Tgt Ion: 63 Resp: 131528

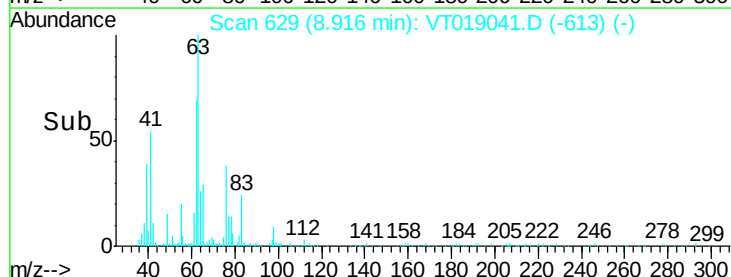
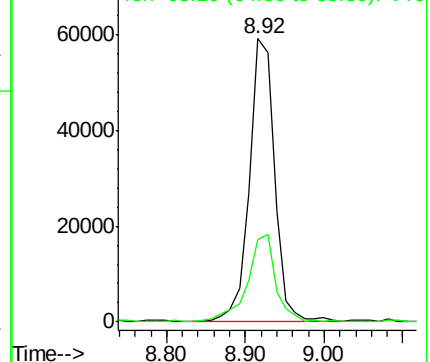
Ion Ratio Lower Upper

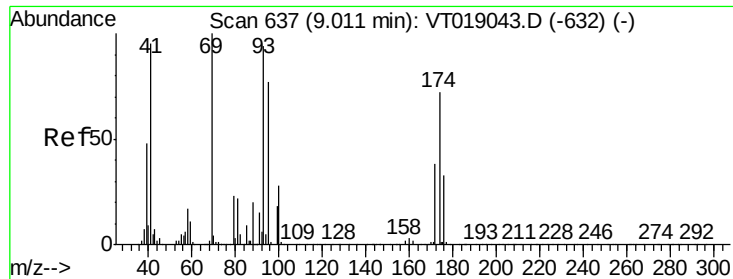
63 100

65 29.1 25.0 37.4



Abundance Ion 63.10 (62.80 to 63.80): VT0

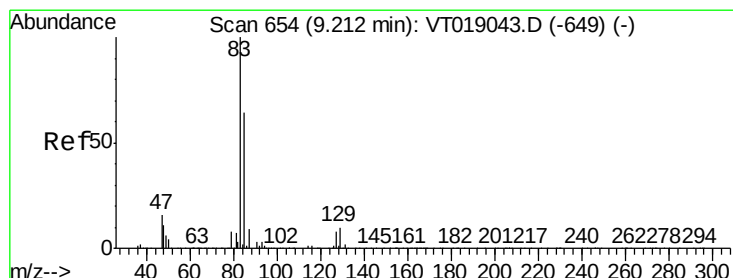
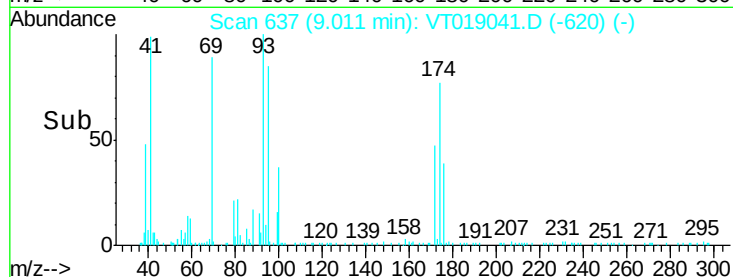
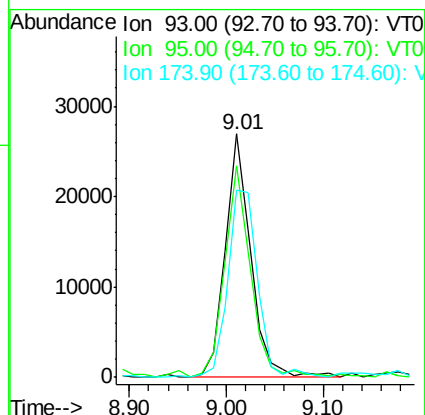
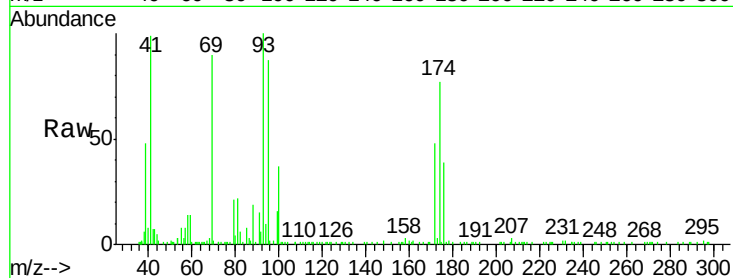




#45
Dibromomethane
Concen: 9.63 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

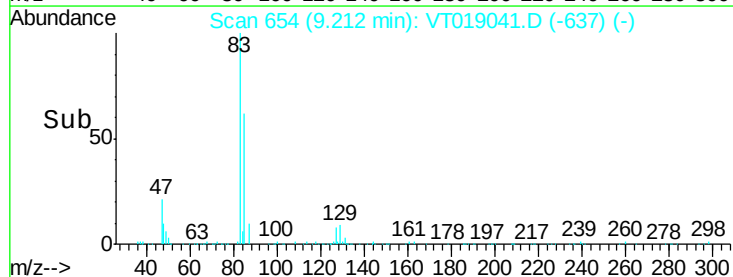
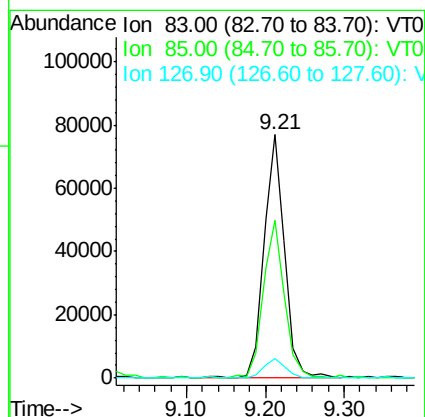
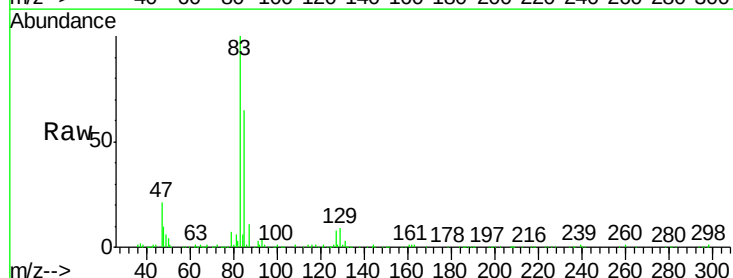
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

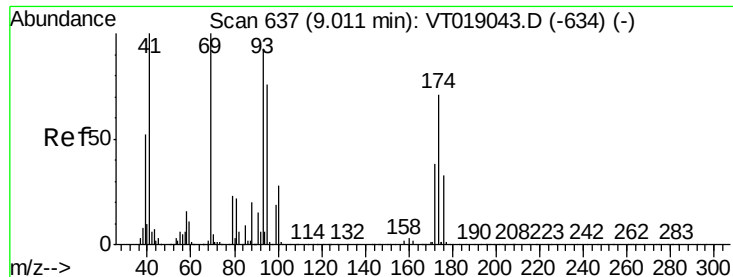
Tgt Ion: 93 Resp: 49365
Ion Ratio Lower Upper
93 100
95 86.8 65.5 98.3
174 76.9 60.9 91.3



#46
Bromodichloromethane
Concen: 10.49 ug/l
RT: 9.21 min Scan# 654
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion: 83 Resp: 139978
Ion Ratio Lower Upper
83 100
85 64.8 51.3 76.9
127 7.8 6.1 9.1

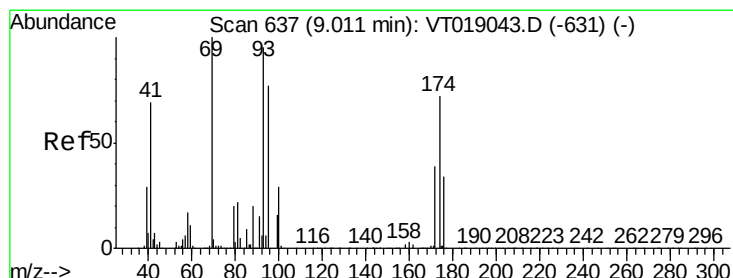
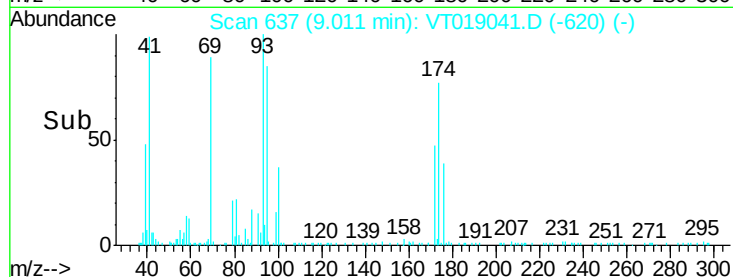
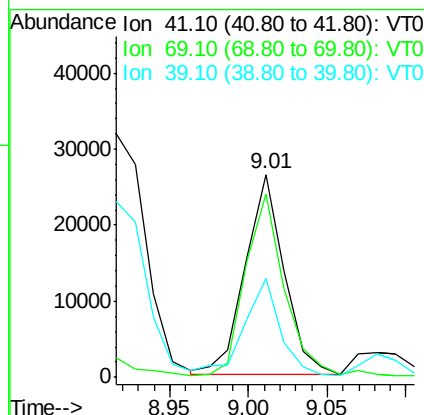
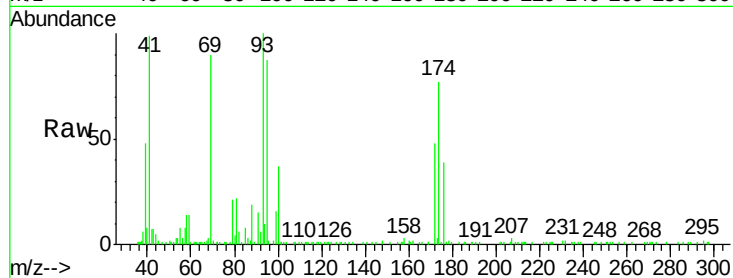




#47
Methyl methacrylate
Concen: 7.26 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

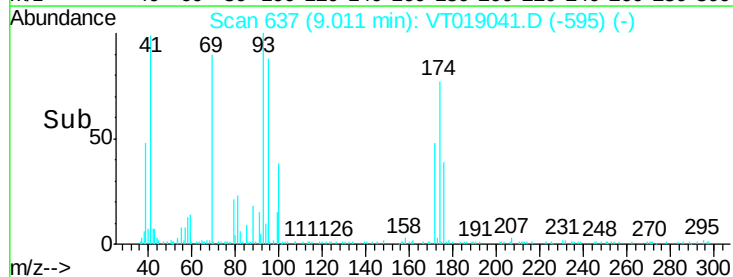
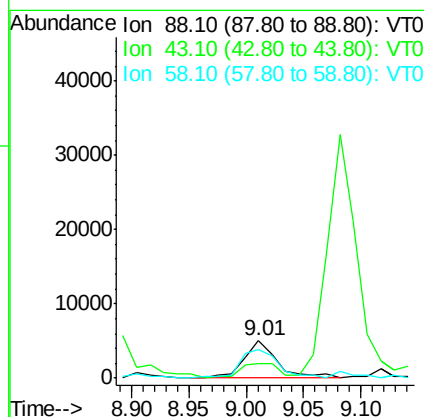
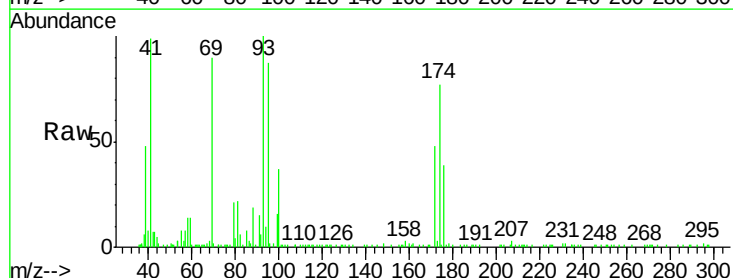
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

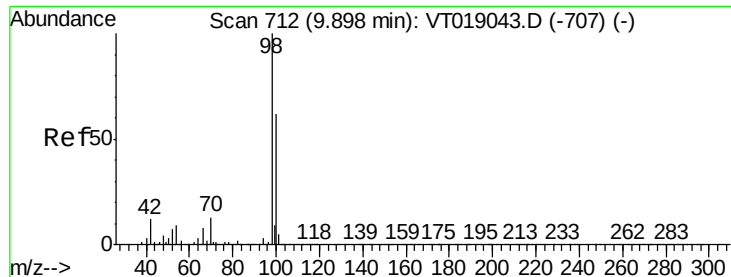
Tgt Ion: 41 Resp: 45502
Ion Ratio Lower Upper
41 100
69 90.6 78.4 117.6
39 48.6 41.4 62.2



#48
1,4-Dioxane
Concen: 149.42 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion: 88 Resp: 10326
Ion Ratio Lower Upper
88 100
43 37.3 30.5 45.7
58 77.1 67.5 101.3





#49

Toluene-d8

Concen: 10.10 ug/l

RT: 9.90 min Scan# 712

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

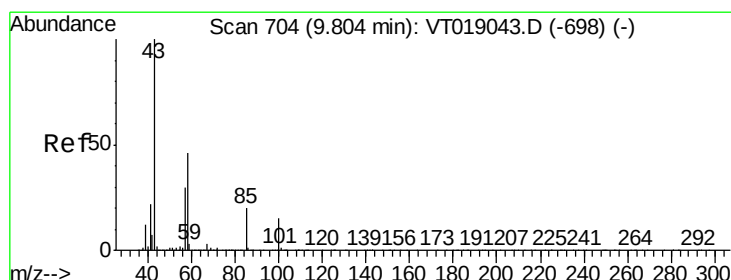
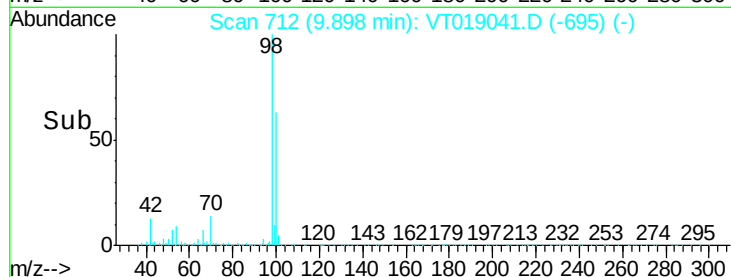
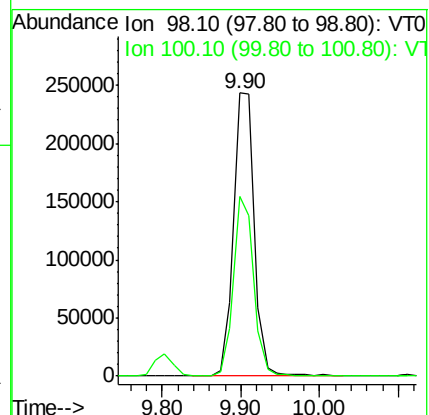
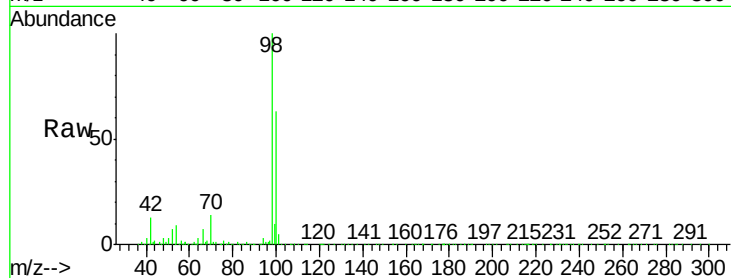
VSTDIC010

Tgt Ion: 98 Resp: 443828

Ion Ratio Lower Upper

98 100

100 63.4 50.0 75.0



#50

4-Methyl-2-Pentanone

Concen: 39.37 ug/l

RT: 9.80 min Scan# 704

Delta R.T. -0.00 min

Lab File: VT019041.D

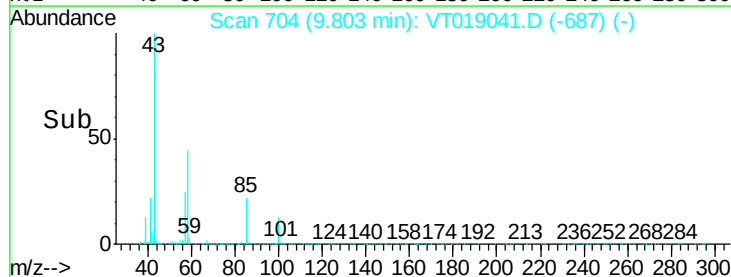
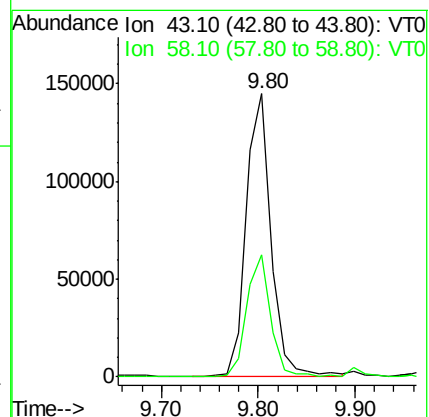
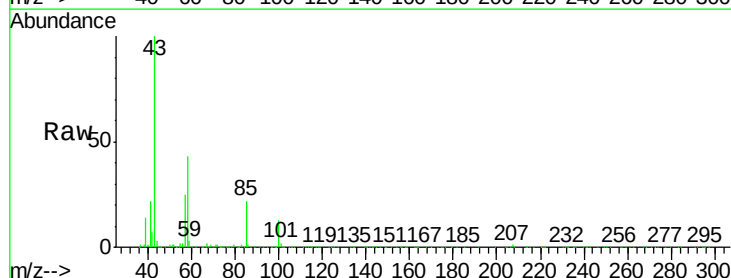
Acq: 8 May 2018 17:47

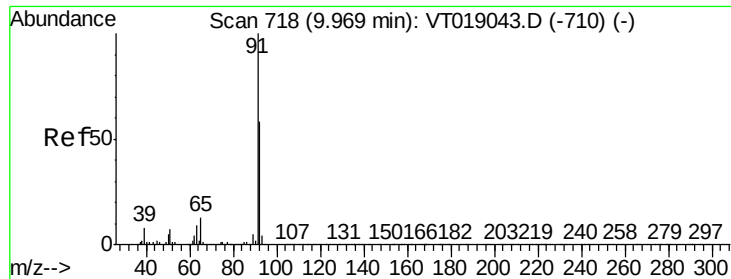
Tgt Ion: 43 Resp: 258224

Ion Ratio Lower Upper

43 100

58 43.3 36.6 54.8





#51

Toluene

Concen: 10.42 ug/l

RT: 9.97 min Scan# 718

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

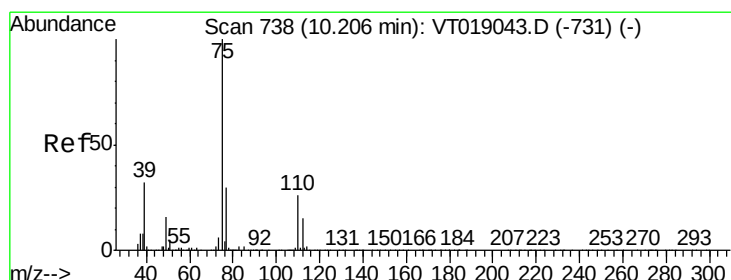
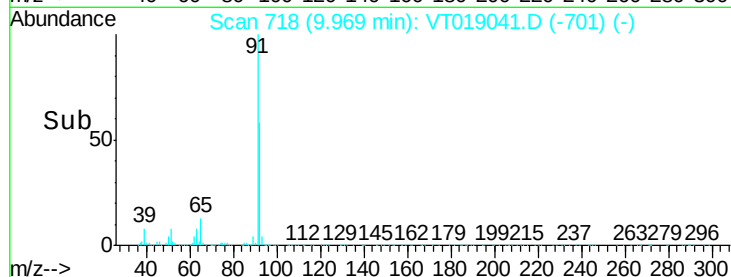
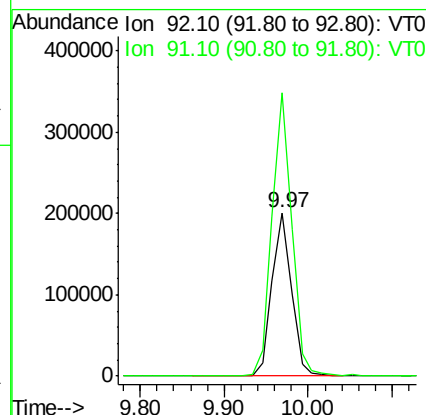
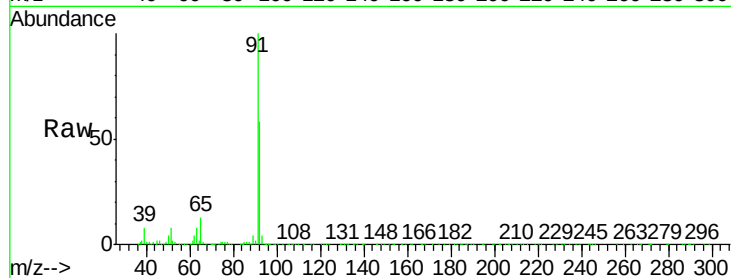
VSTDIC010

Tgt Ion: 92 Resp: 325779

Ion Ratio Lower Upper

92 100

91 173.2 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 9.46 ug/l

RT: 10.21 min Scan# 738

Delta R.T. -0.00 min

Lab File: VT019041.D

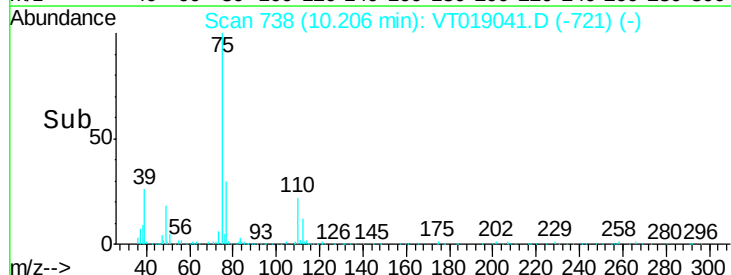
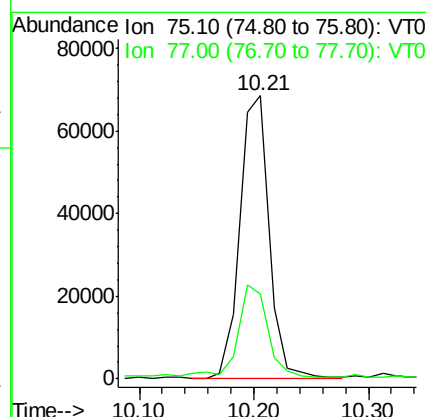
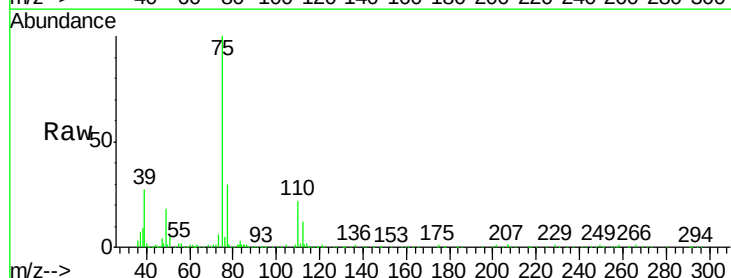
Acq: 8 May 2018 17:47

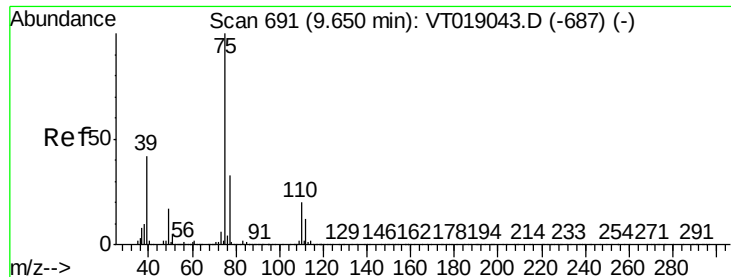
Tgt Ion: 75 Resp: 121599

Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8





#53

cis-1,3-Dichloropropene

Concen: 10.04 ug/l

RT: 9.65 min Scan# 691

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

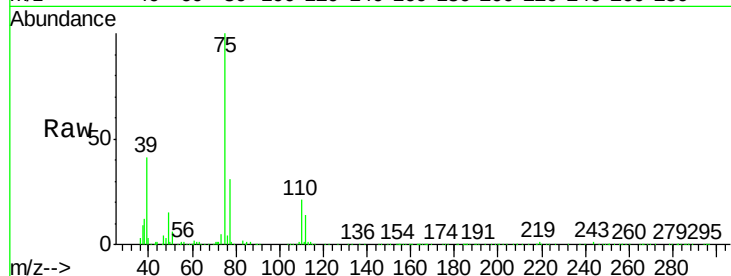
Tgt Ion: 75 Resp: 162936

Ion Ratio Lower Upper

75 100

77 31.0 26.6 39.8

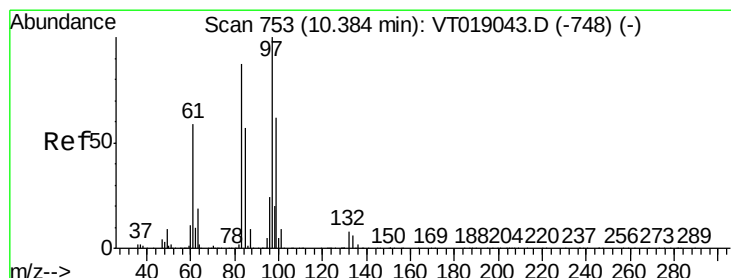
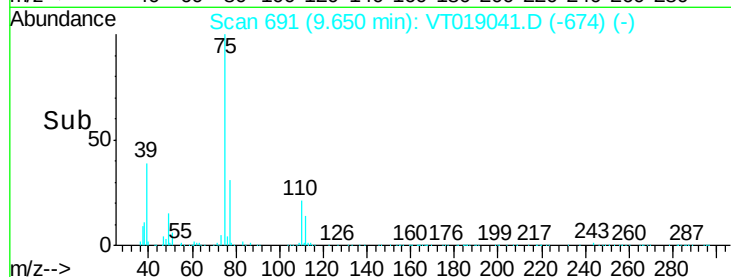
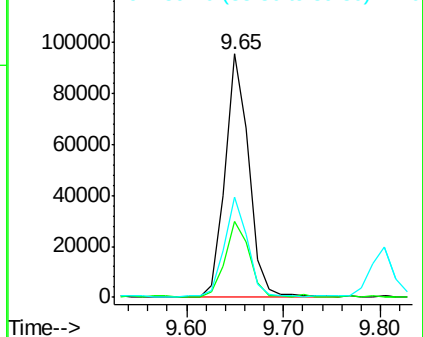
39 41.0 34.1 51.1



Abundance Ion 75.10 (74.80 to 75.80): VT0

Ion 77.00 (76.70 to 77.70): VT0

Ion 39.10 (38.80 to 39.80): VT0



#54

1,1,2-Trichloroethane

Concen: 9.19 ug/l

RT: 10.38 min Scan# 753

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Tgt Ion: 97 Resp: 70348

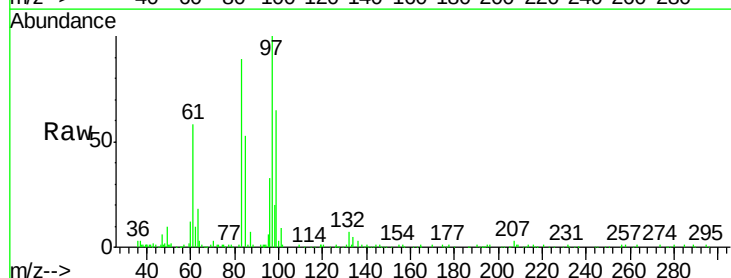
Ion Ratio Lower Upper

97 100

83 89.3 69.7 104.5

85 52.5 46.1 69.1

99 64.9 49.6 74.4

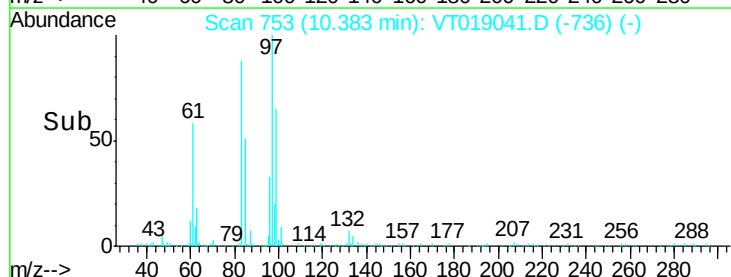
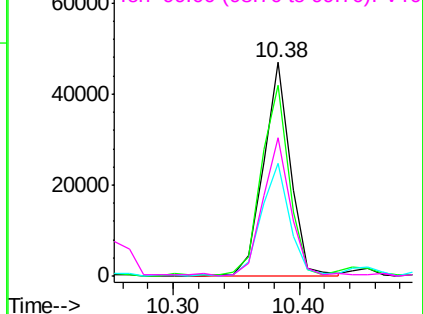


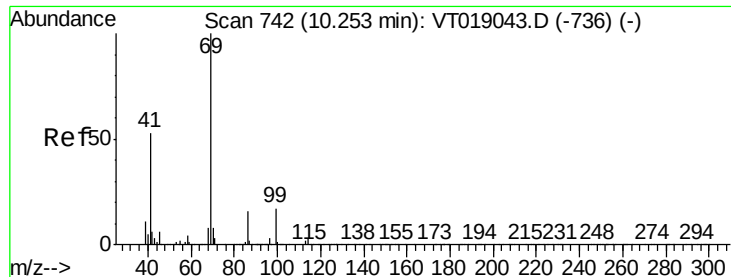
Abundance Ion 97.00 (96.70 to 97.70): VT0

Ion 83.00 (82.70 to 83.70): VT0

Ion 85.00 (84.70 to 85.70): VT0

Ion 99.00 (98.70 to 99.70): VT0





#55

Ethyl methacrylate

Concen: 8.20 ug/l

RT: 10.25 min Scan# 742

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

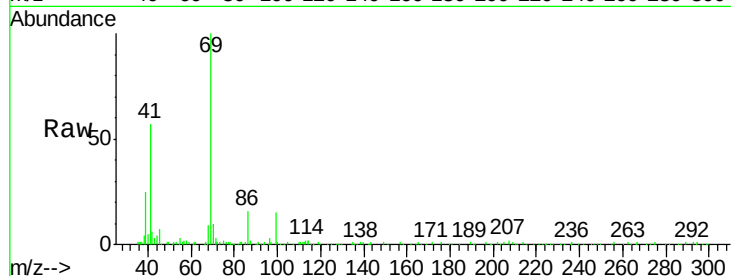
Tgt Ion: 69 Resp: 76627

Ion Ratio Lower Upper

69 100

41 57.4 42.9 64.3

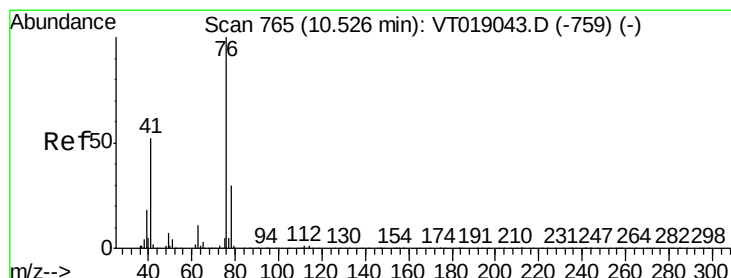
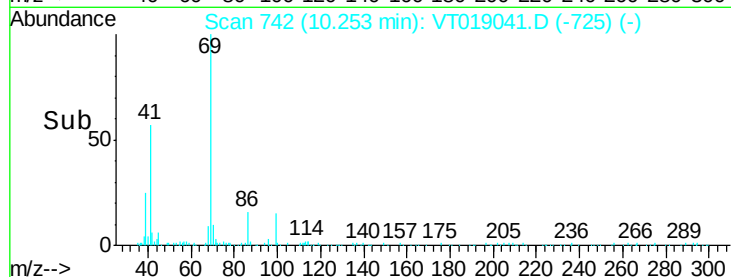
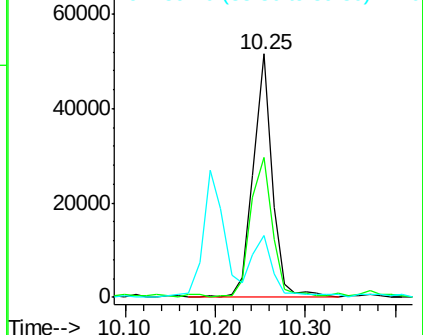
39 25.4 21.2 31.8



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



#56

1,3-Dichloropropane

Concen: 9.97 ug/l

RT: 10.53 min Scan# 765

Delta R.T. -0.00 min

Lab File: VT019041.D

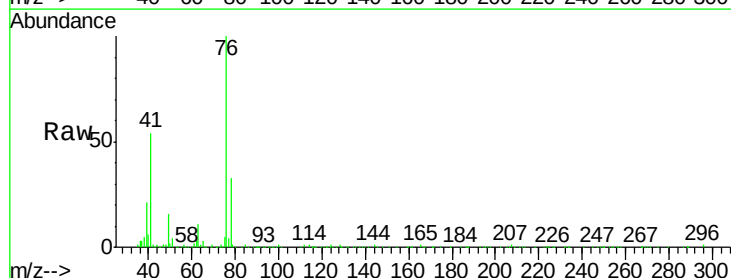
Acq: 8 May 2018 17:47

Tgt Ion: 76 Resp: 132479

Ion Ratio Lower Upper

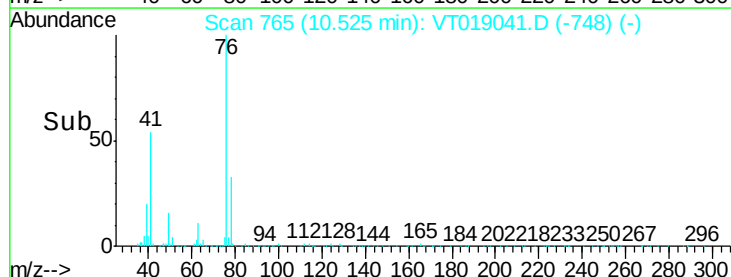
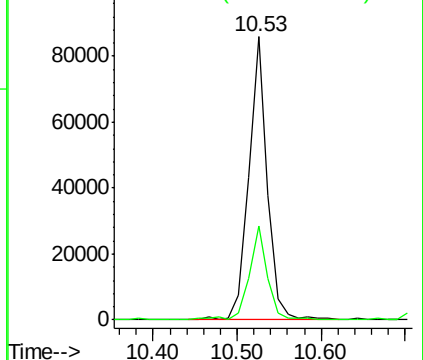
76 100

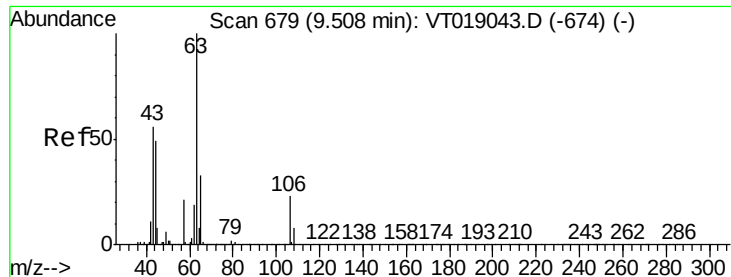
78 33.4 24.1 36.1



Abundance Ion 76.10 (75.80 to 76.80): VT0

Ion 78.10 (77.80 to 78.80): VT0





#57

2-Chloroethyl Vinyl ether

Concen: 52.59 ug/l

RT: 9.51 min Scan# 679

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

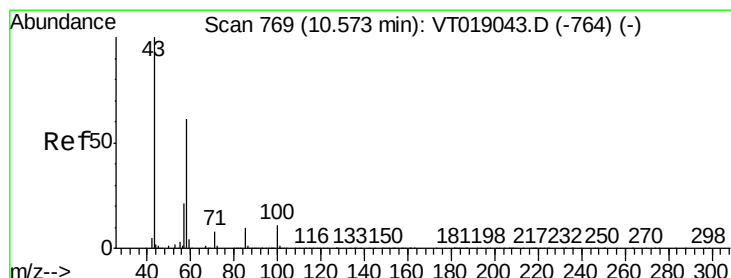
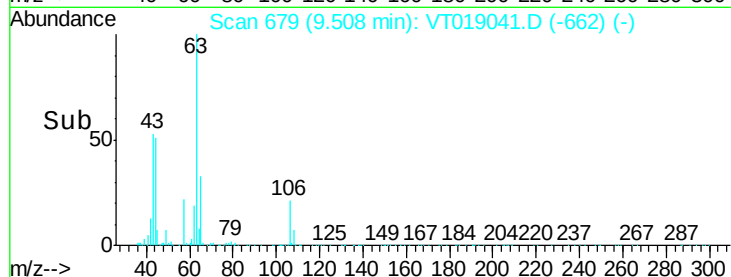
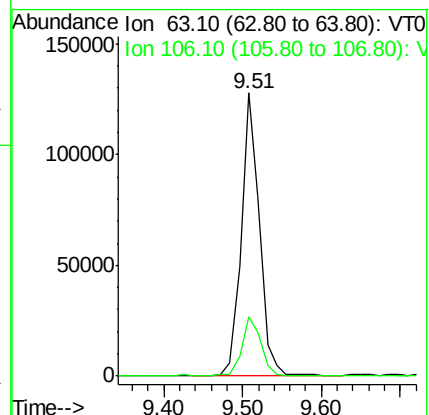
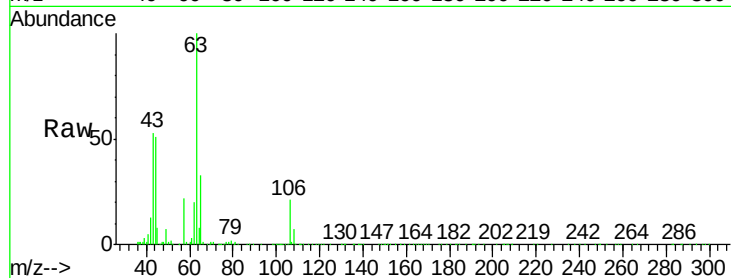
VSTDIC010

Tgt Ion: 63 Resp: 204627

Ion Ratio Lower Upper

63 100

106 21.2 18.7 28.1



#58

2-Hexanone

Concen: 36.45 ug/l

RT: 10.57 min Scan# 769

Delta R.T. -0.00 min

Lab File: VT019041.D

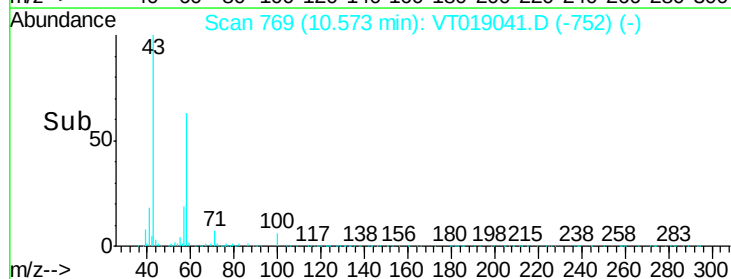
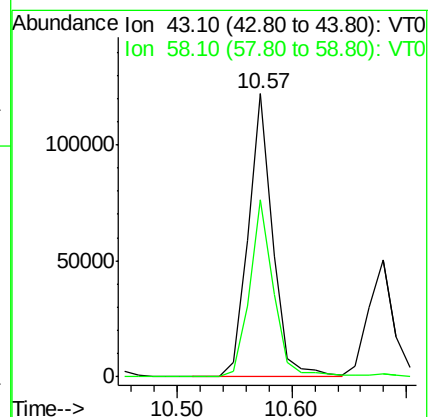
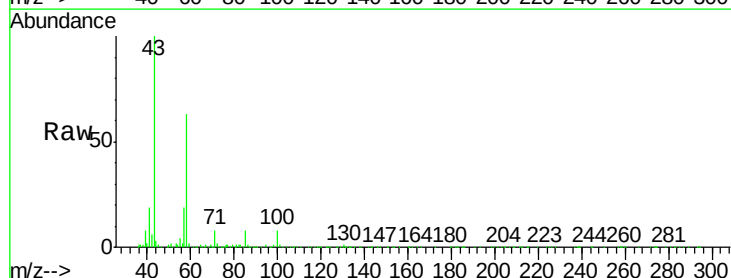
Acq: 8 May 2018 17:47

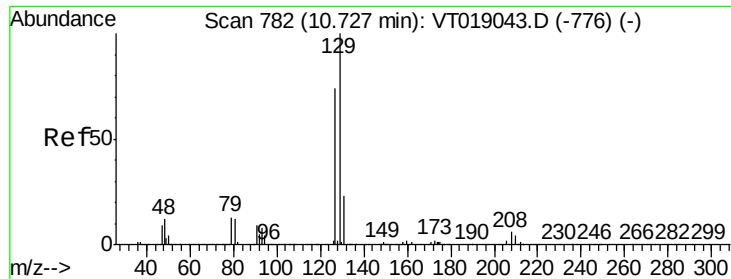
Tgt Ion: 43 Resp: 180535

Ion Ratio Lower Upper

43 100

58 62.6 30.6 92.0





#59

Dibromochloromethane

Concen: 8.08 ug/l

RT: 10.73 min Scan# 782

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

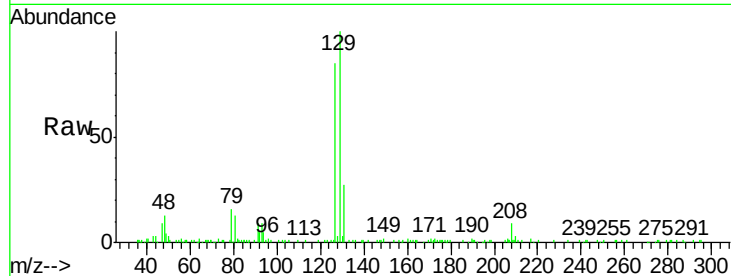
VSTDIC010

Tgt Ion:129 Resp: 71405

Ion Ratio Lower Upper

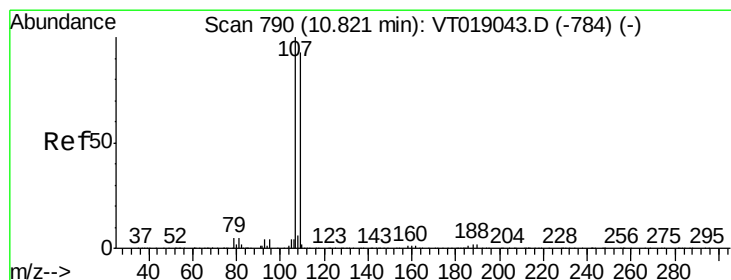
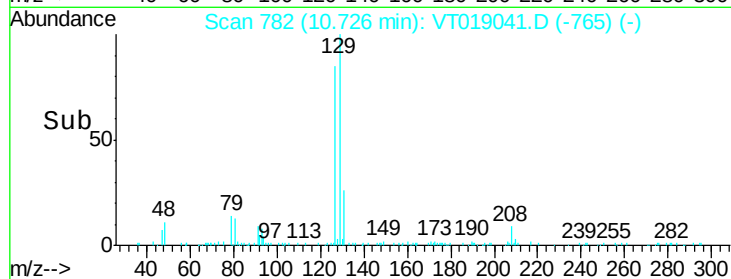
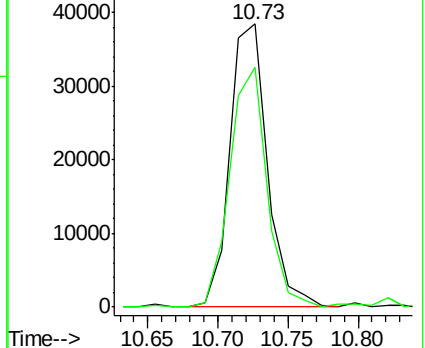
129 100

127 84.6 37.3 111.8



Abundance Ion 128.90 (128.60 to 129.60): V

Ion 126.90 (126.60 to 127.60): V



#60

1,2-Dibromoethane

Concen: 8.57 ug/l

RT: 10.82 min Scan# 790

Delta R.T. -0.00 min

Lab File: VT019041.D

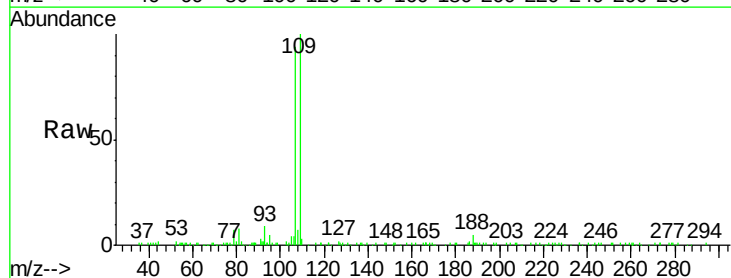
Acq: 8 May 2018 17:47

Tgt Ion:107 Resp: 60525

Ion Ratio Lower Upper

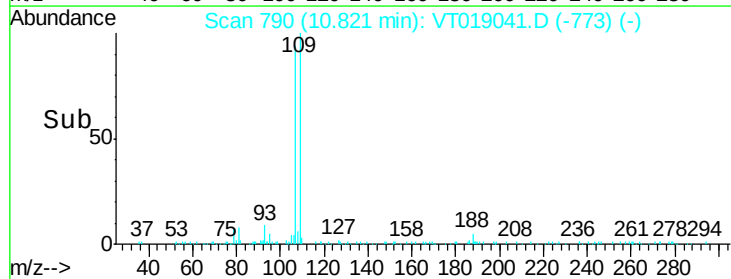
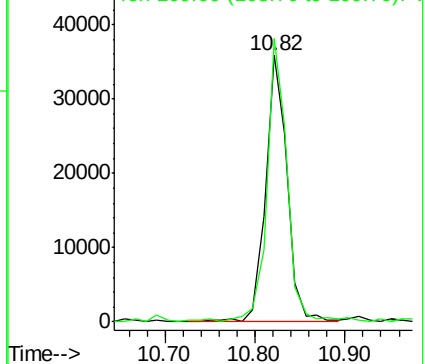
107 100

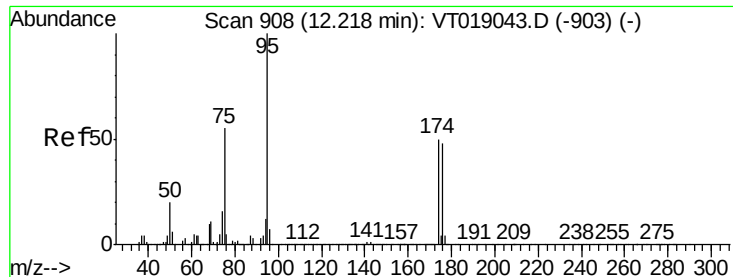
109 106.2 74.3 111.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

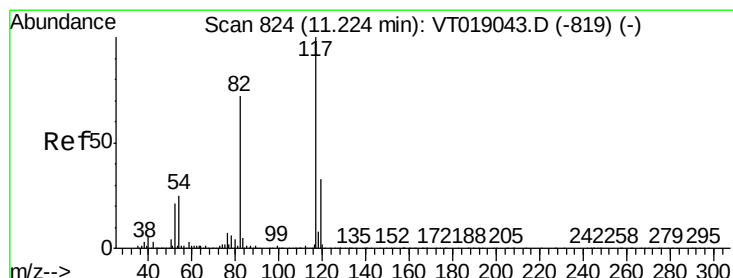
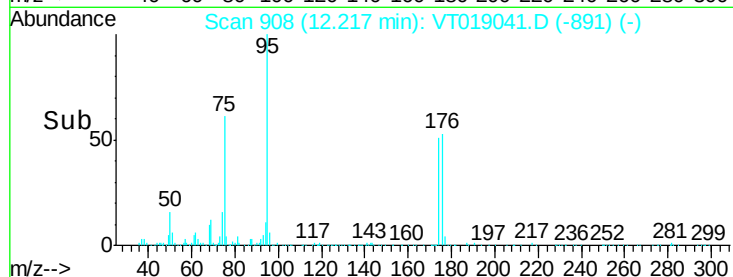
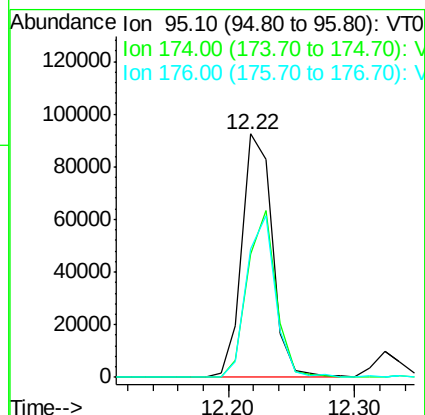
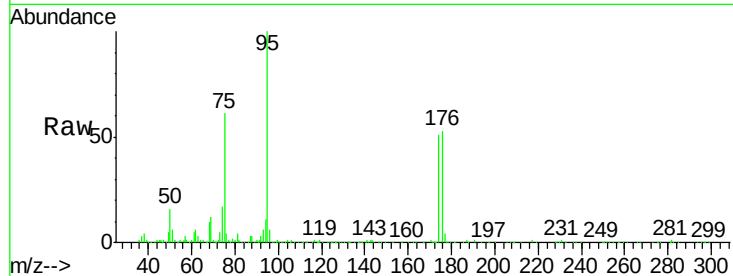




#61
4-Bromofluorobenzene
Concen: 10.16 ug/l
RT: 12.22 min Scan# 908
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

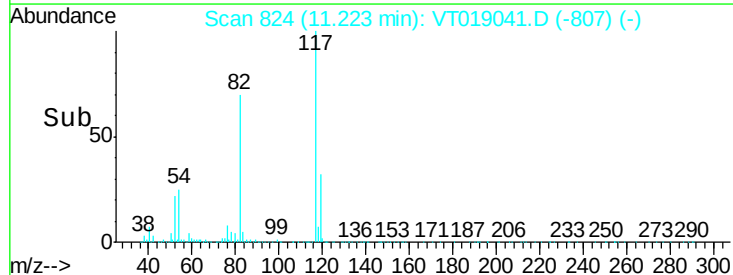
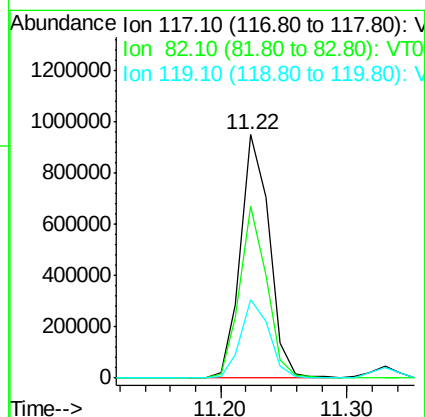
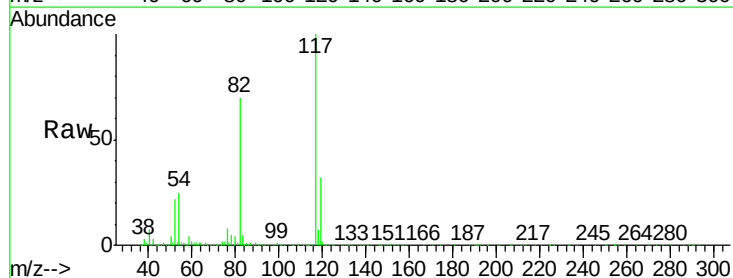
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

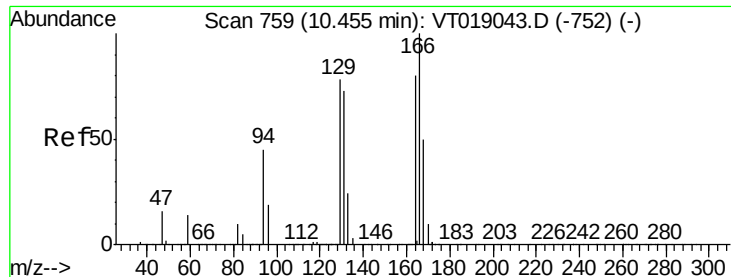
Tgt Ion: 95 Resp: 154651
Ion Ratio Lower Upper
95 100
174 50.6 0.0 100.0
176 52.9 0.0 96.6



#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.22 min Scan# 824
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion: 117 Resp: 1513213
Ion Ratio Lower Upper
117 100
82 70.5 57.6 86.4
119 32.3 26.6 40.0

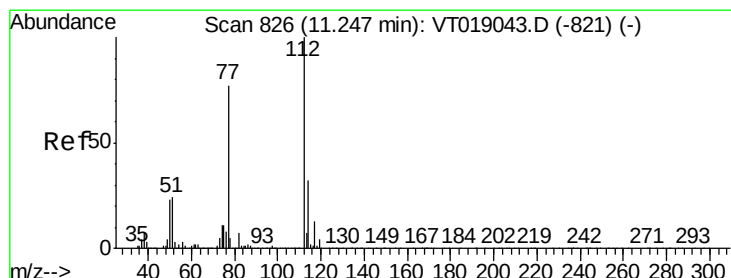
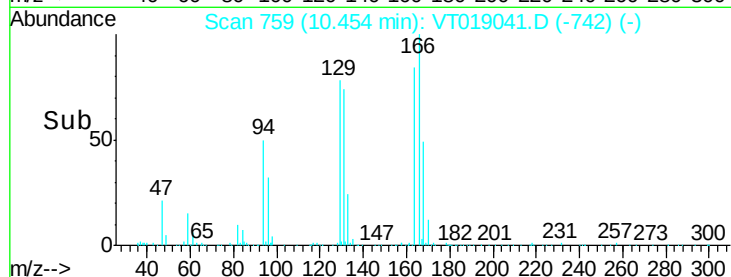
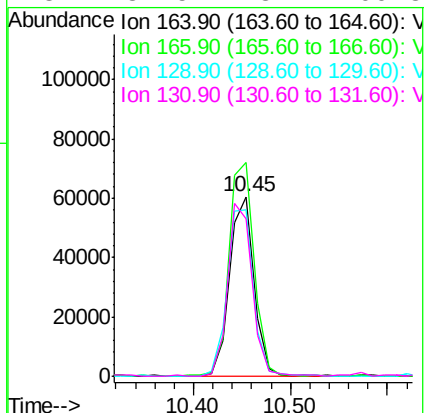
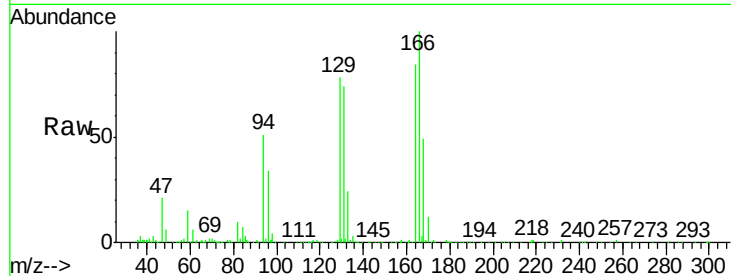




#63
Tetrachloroethene
Concen: 9.58 ug/l
RT: 10.45 min Scan# 759
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

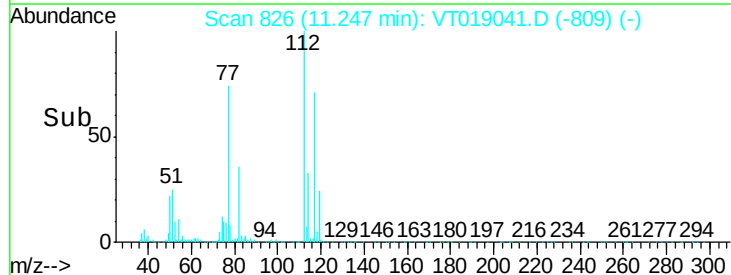
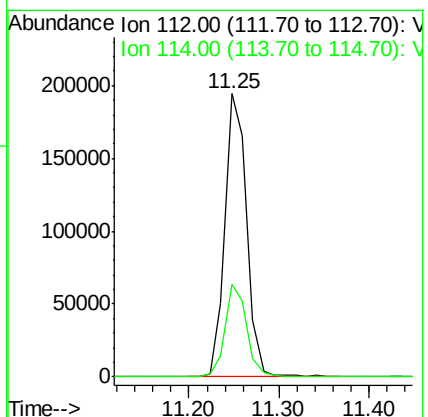
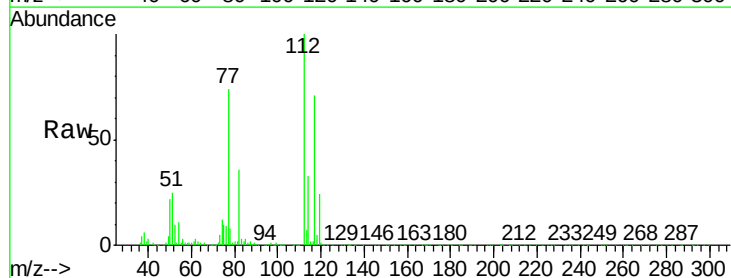
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

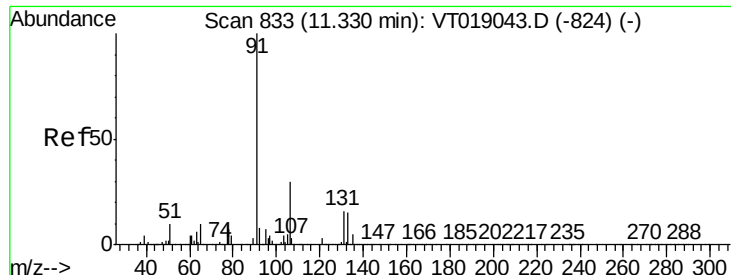
Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.1	100.6	151.0
129	92.6	78.1	117.1
131	87.5	73.2	109.8



#64
Chlorobenzene
Concen: 10.04 ug/l
RT: 11.25 min Scan# 826
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.5	38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 9.60 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

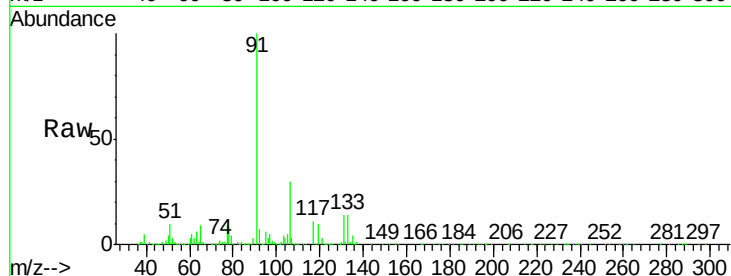
Tgt Ion:131 Resp: 98386

Ion Ratio Lower Upper

131 100

133 102.7 47.8 143.3

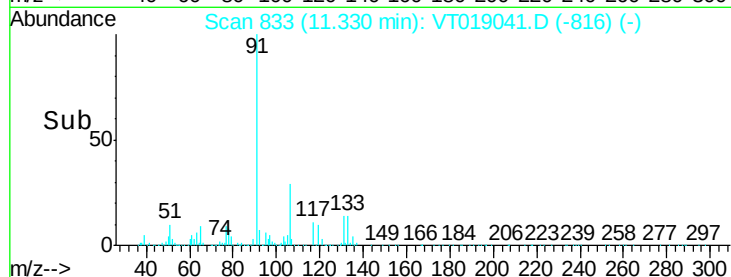
119 70.2 31.8 95.4



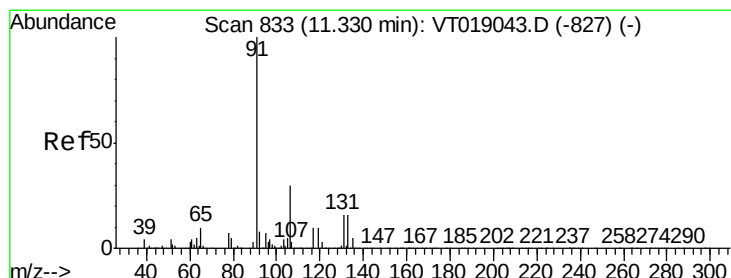
Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#66

Ethyl Benzene

Concen: 11.71 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019041.D

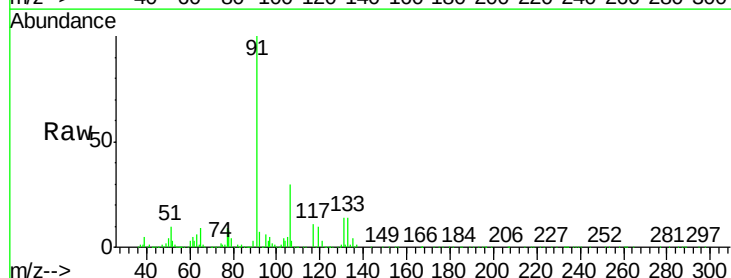
Acq: 8 May 2018 17:47

Tgt Ion: 91 Resp: 665636

Ion Ratio Lower Upper

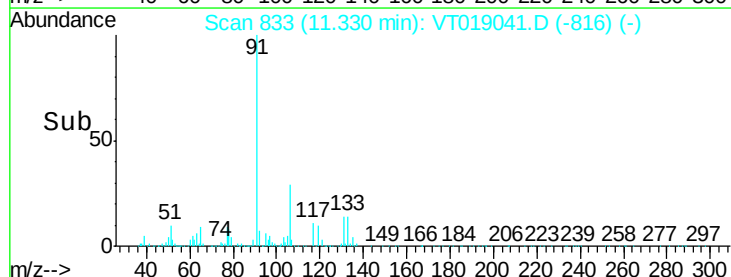
91 100

106 29.5 24.0 36.0

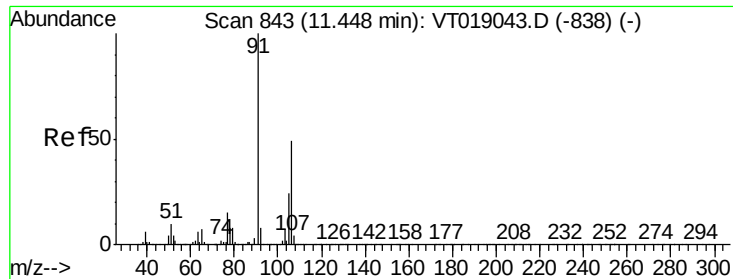


Abundance Ion 91.10 (90.80 to 91.80): VT0

Ion 106.10 (105.80 to 106.80): V



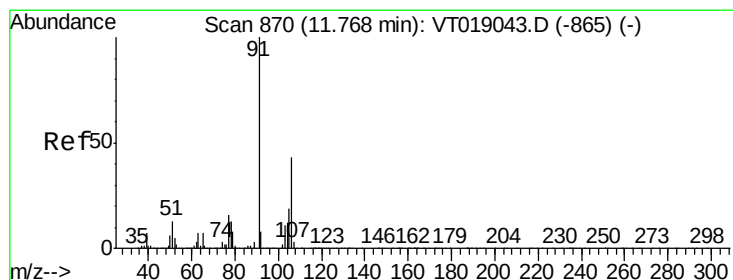
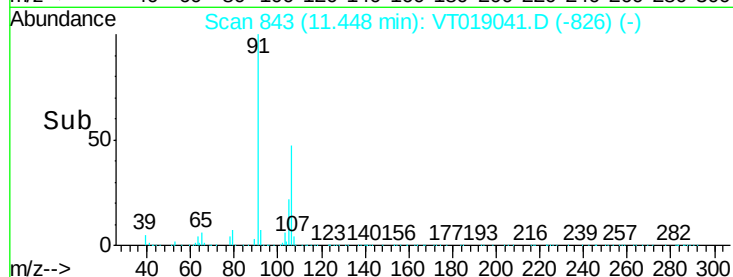
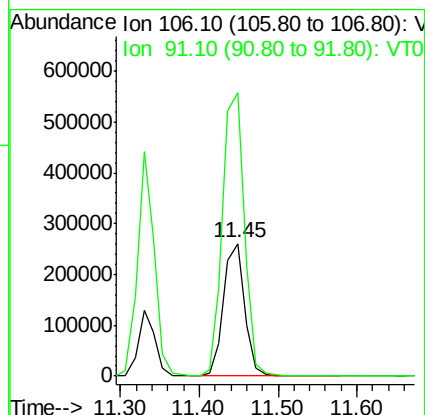
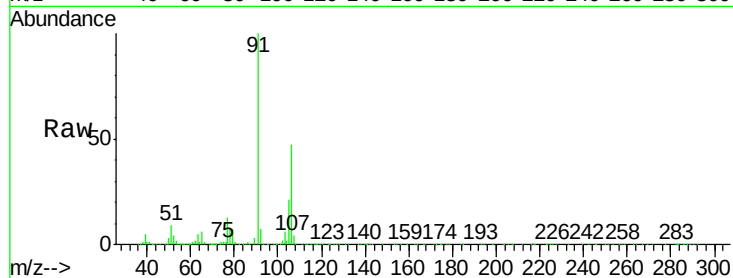
Time-->



#67
m/p-Xylenes
Concen: 21.21 ug/l
RT: 11.45 min Scan# 843
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

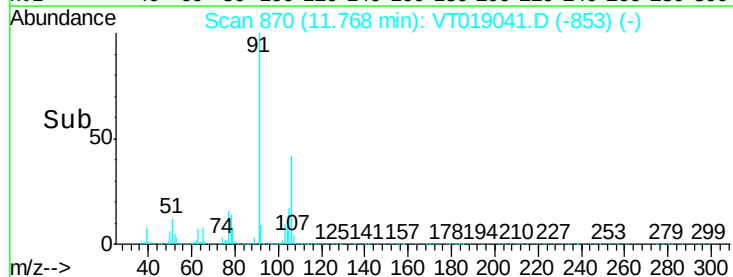
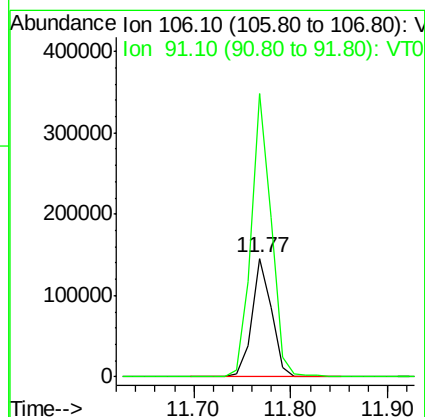
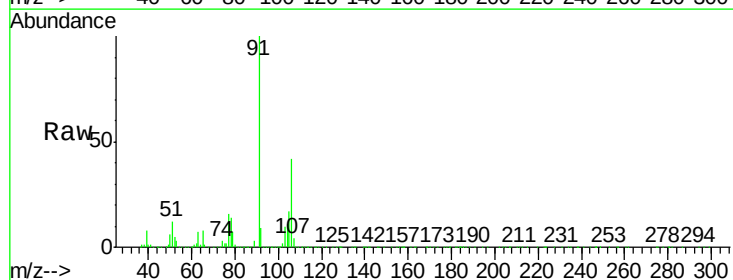
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

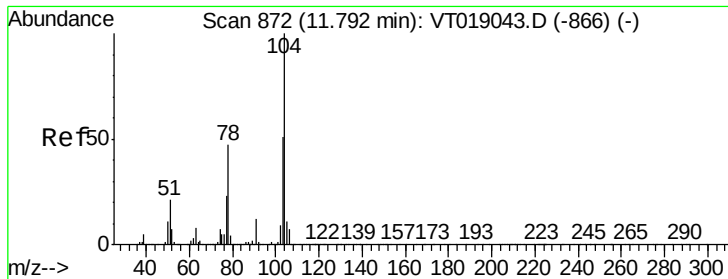
Tgt Ion:106 Resp: 481858
Ion Ratio Lower Upper
106 100
91 213.5 162.2 243.4



#68
o-Xylene
Concen: 9.95 ug/l
RT: 11.77 min Scan# 870
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion:106 Resp: 205896
Ion Ratio Lower Upper
106 100
91 238.9 116.0 348.0

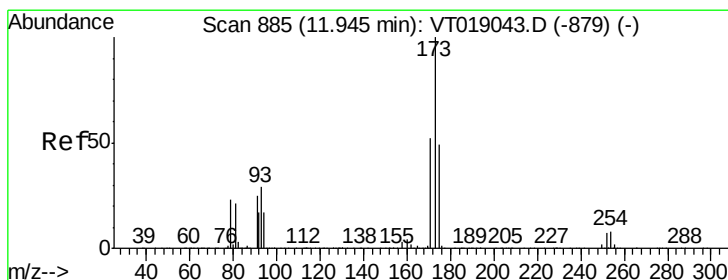
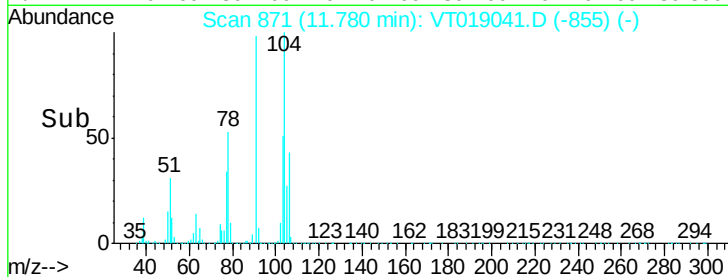
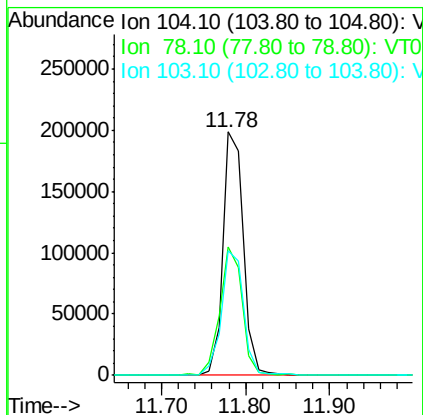
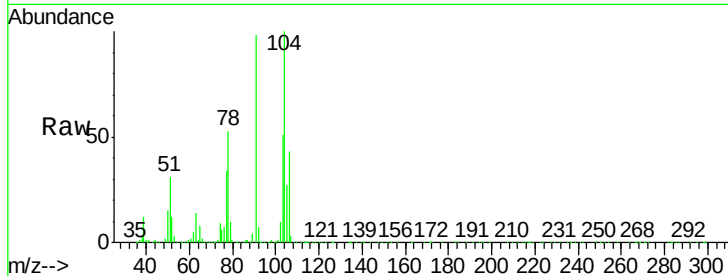




#69
Styrene
Concen: 9.76 ug/l
RT: 11.78 min Scan# 871
Delta R.T. -0.01 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

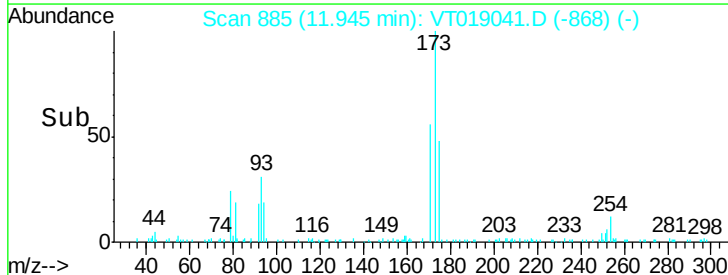
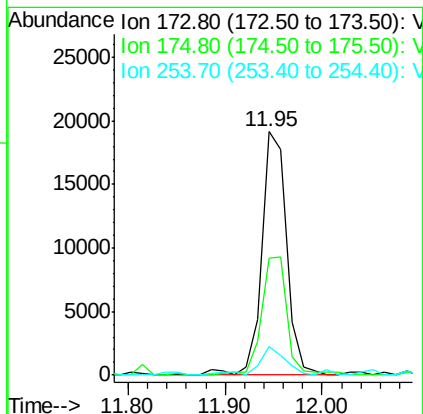
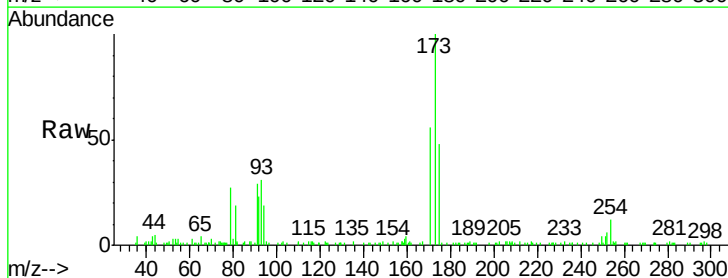
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

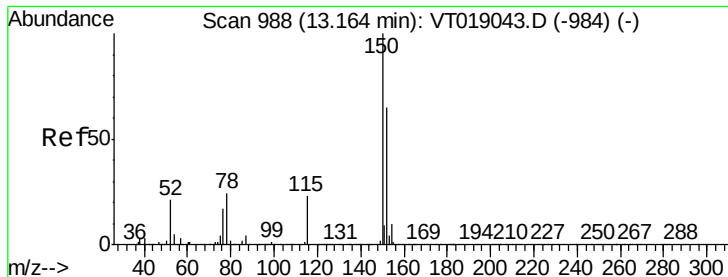
Tgt Ion:104 Resp: 336468
Ion Ratio Lower Upper
104 100
78 52.7 38.0 57.0
103 51.1 40.6 61.0



#70
Bromoform
Concen: 6.51 ug/l
RT: 11.95 min Scan# 885
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion:173 Resp: 33926
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 11.7 6.1 9.1#



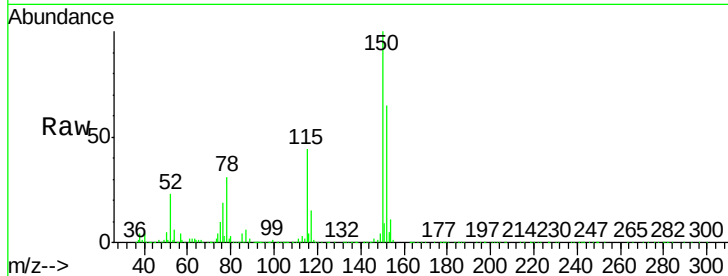


#71

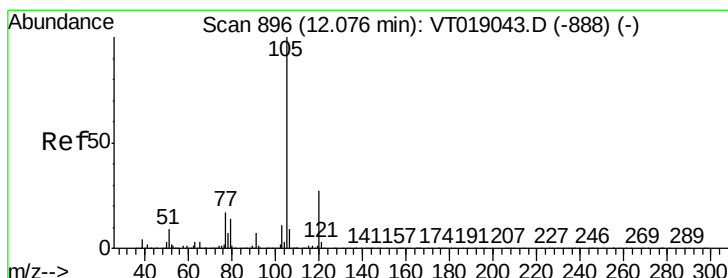
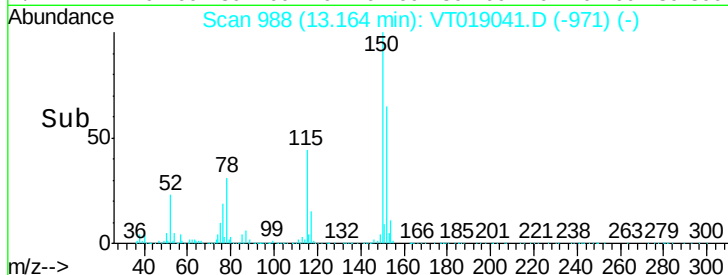
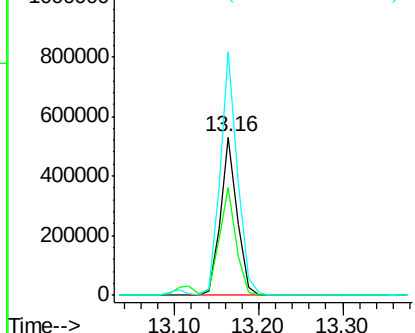
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.16 min Scan# 988
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.4	34.2	102.6
150	153.7	0.0	321.2



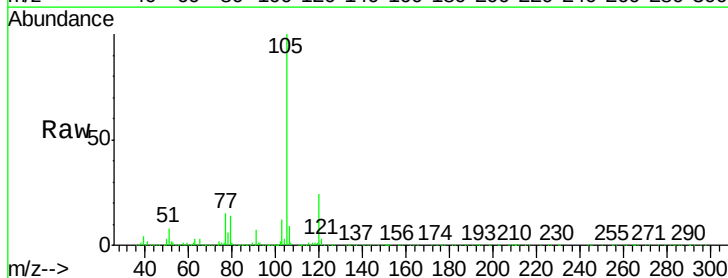
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



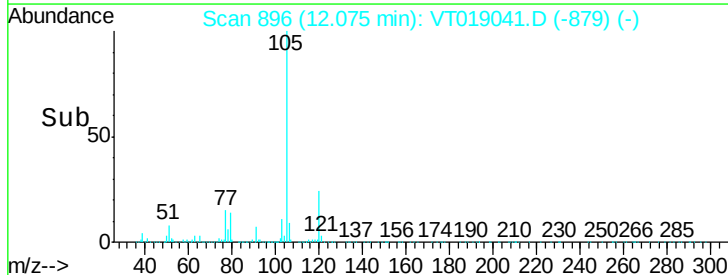
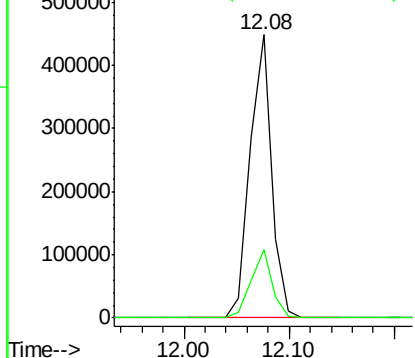
#72

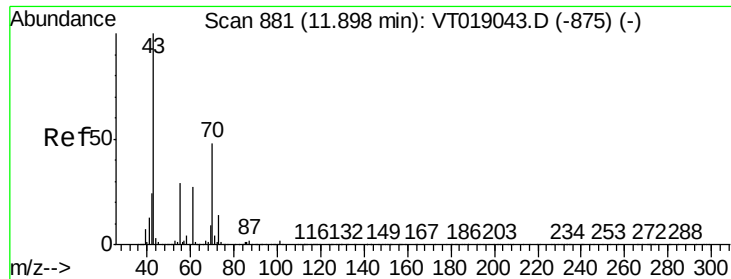
Isopropylbenzene
Concen: 11.77 ug/l
RT: 12.08 min Scan# 896
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.3	13.6	40.8



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.10 (119.80 to 120.80): V

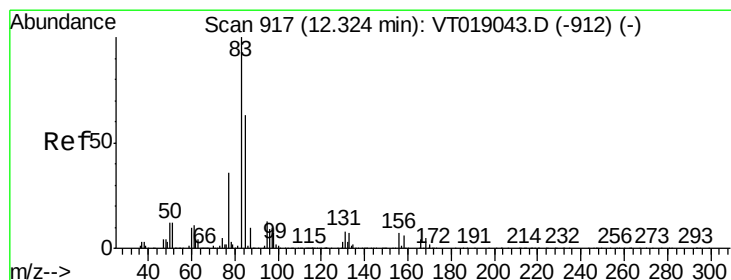
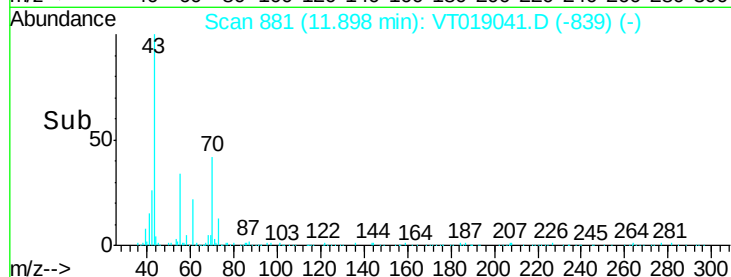
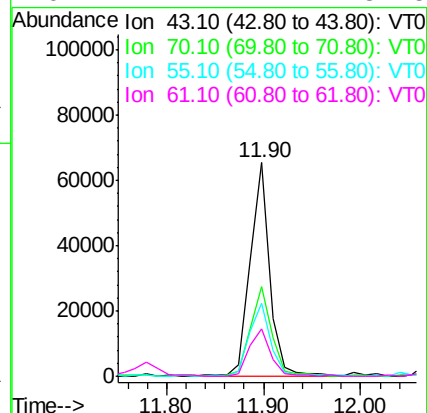
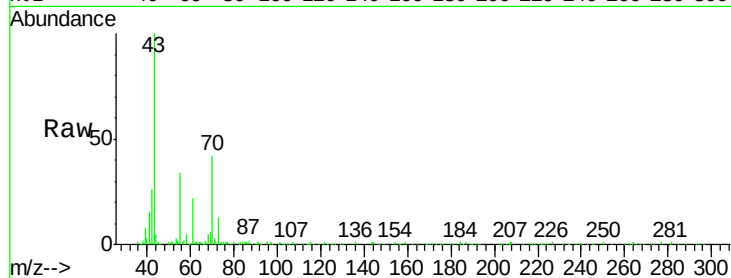




#73
N-amyI acetate
Concen: 8.76 ug/l
RT: 11.90 min Scan# 881
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

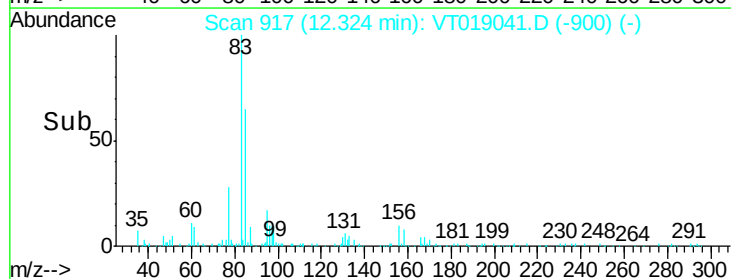
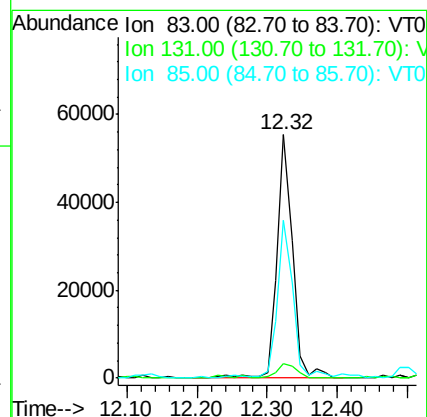
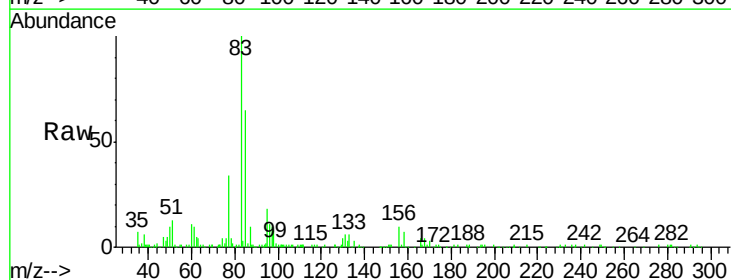
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

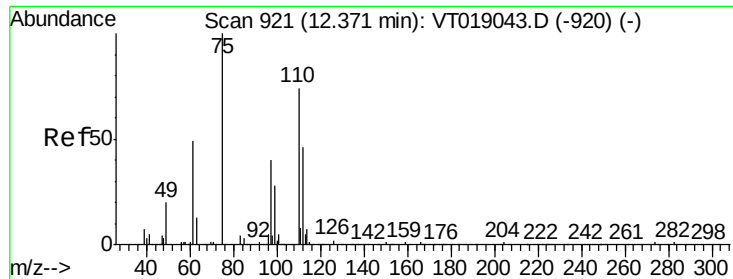
Tgt Ion:	43	Resp:	91717
Ion	Ratio	Lower	Upper
43	100		
70	42.1	38.2	57.4
55	34.2	23.5	35.3
61	22.1	21.7	32.5



#74
1,1,2,2-Tetrachloroethane
Concen: 10.42 ug/l
RT: 12.32 min Scan# 917
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion:	83	Resp:	86958
Ion	Ratio	Lower	Upper
83	100		
131	5.9	4.0	12.2
85	65.0	31.4	94.3

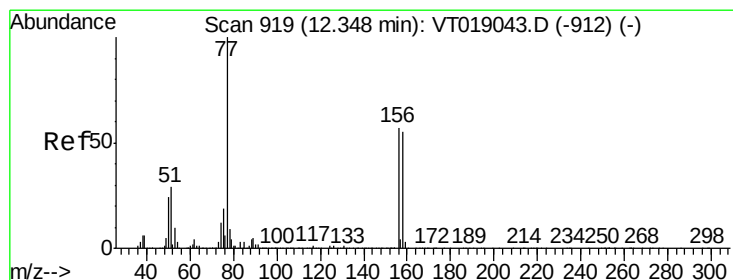
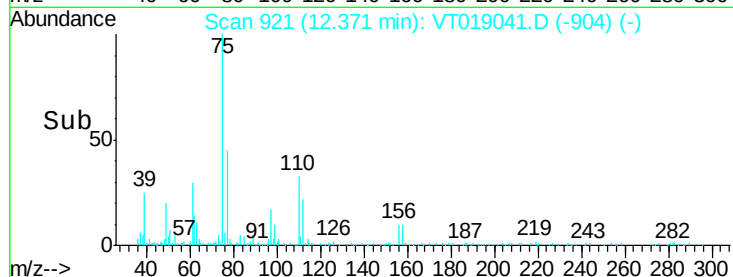
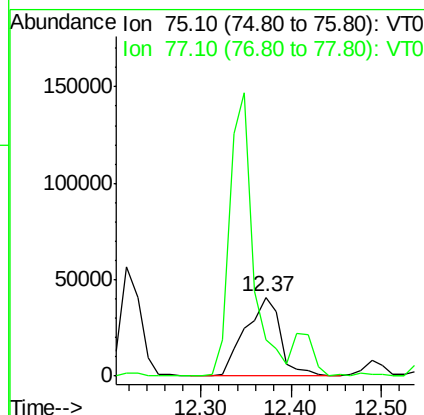
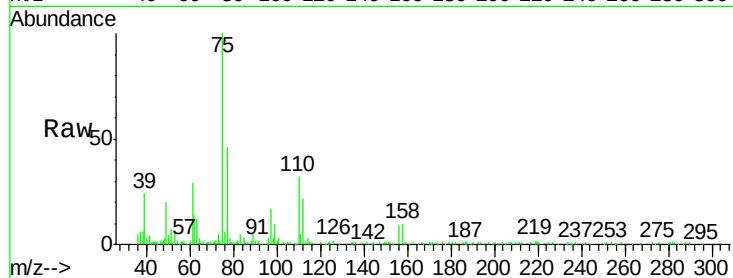




#75
1,2,3-Trichloropropane
Concen: 18.72 ug/l
RT: 12.37 min Scan# 921
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

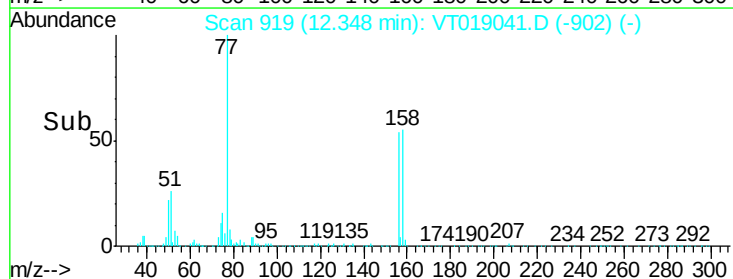
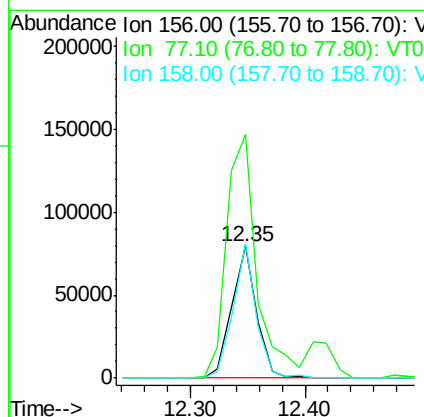
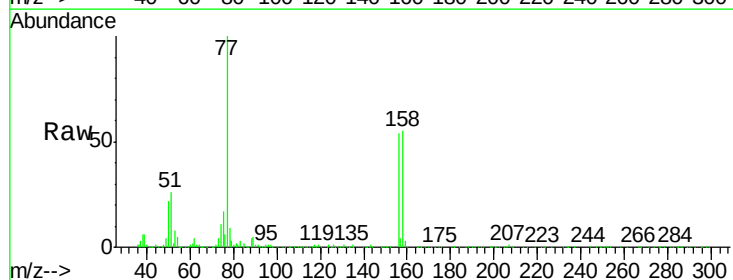
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

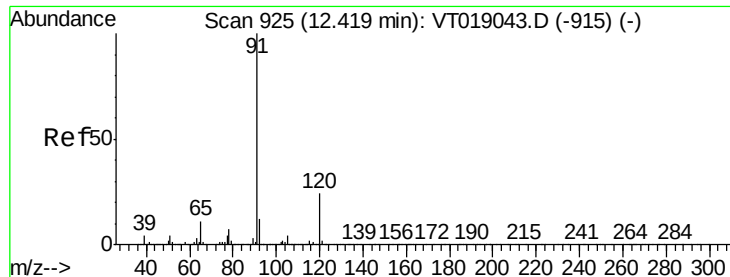
Tgt Ion: 75 Resp: 109603
Ion Ratio Lower Upper
75 100
77 45.5 21.1 63.1



#76
Bromobenzene
Concen: 9.78 ug/l
RT: 12.35 min Scan# 919
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion: 156 Resp: 118901
Ion Ratio Lower Upper
156 100
77 184.2 87.8 263.4
158 101.6 48.3 144.8





#77

n-propylbenzene

Concen: 13.01 ug/l

RT: 12.42 min Scan# 925

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

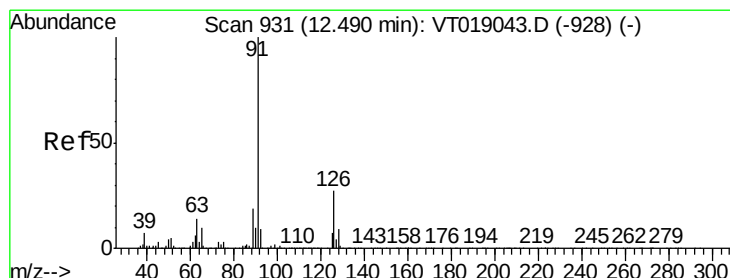
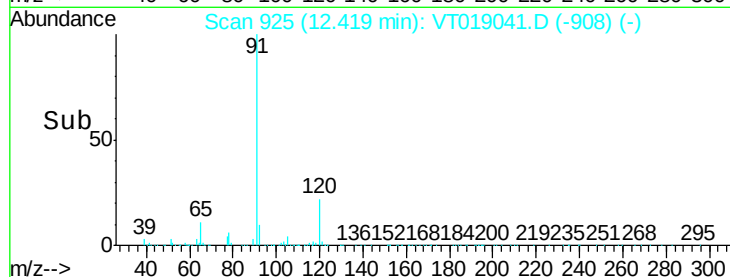
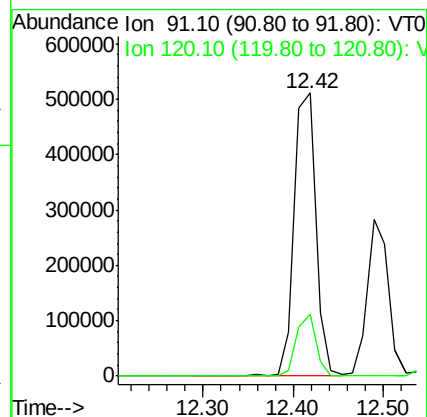
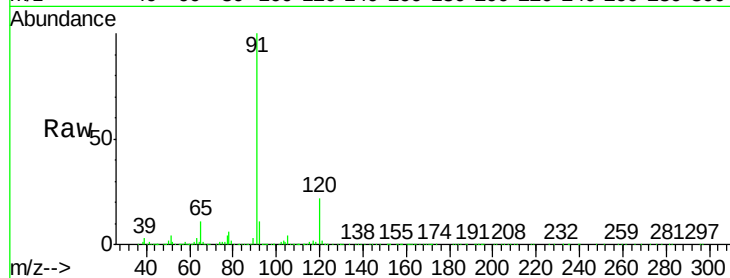
VSTDIC010

Tgt Ion: 91 Resp: 859024

Ion Ratio Lower Upper

91 100

120 22.0 12.0 36.1



#78

2-Chlorotoluene

Concen: 12.43 ug/l

RT: 12.49 min Scan# 931

Delta R.T. -0.00 min

Lab File: VT019041.D

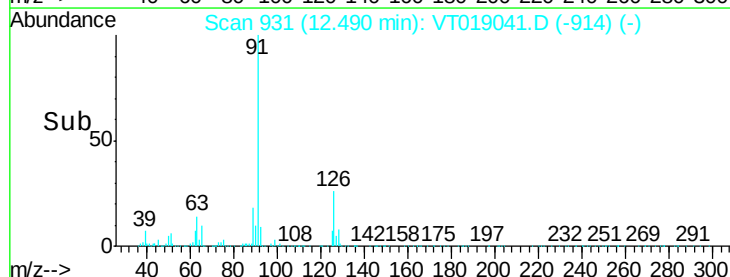
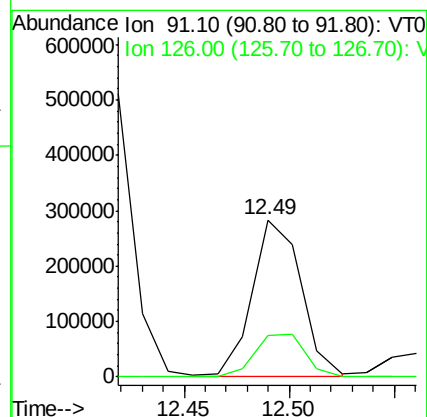
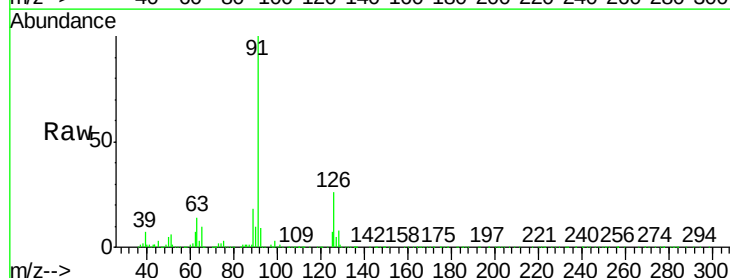
Acq: 8 May 2018 17:47

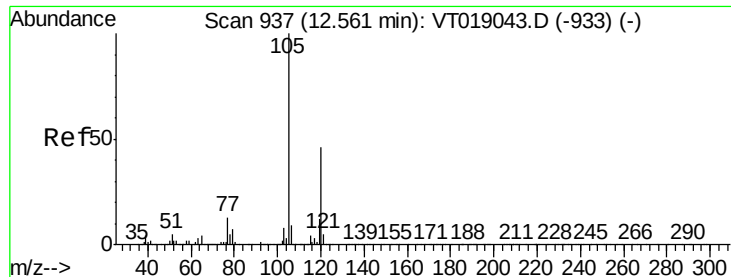
Tgt Ion: 91 Resp: 461061

Ion Ratio Lower Upper

91 100

126 26.2 13.5 40.5

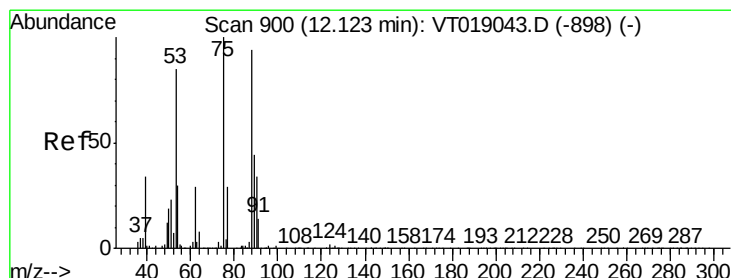
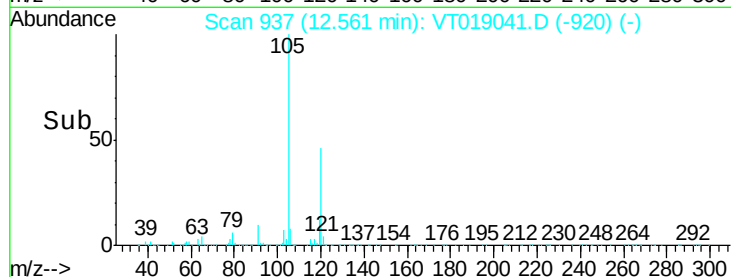
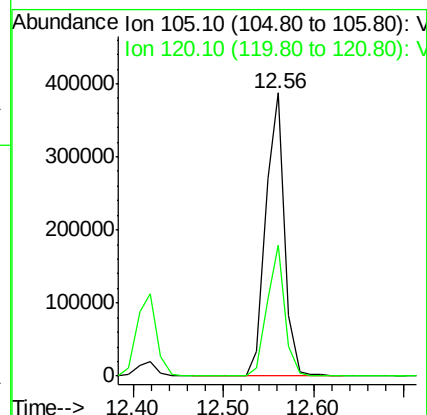
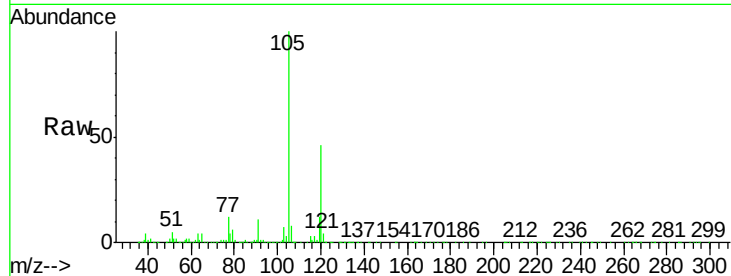




#79
 1,3,5-Trimethylbenzene
 Concen: 11.92 ug/l
 RT: 12.56 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VT019041.D
 Acq: 8 May 2018 17:47

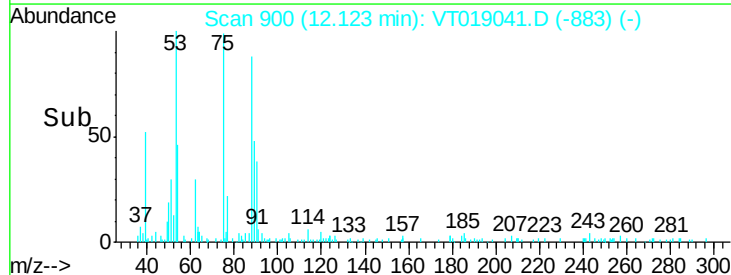
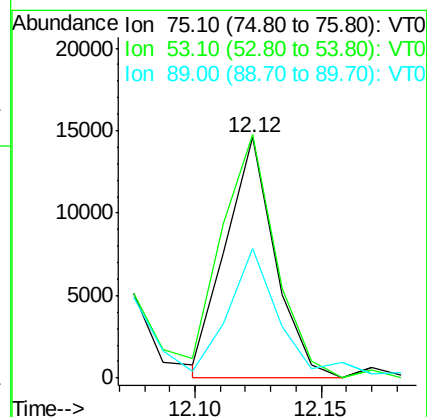
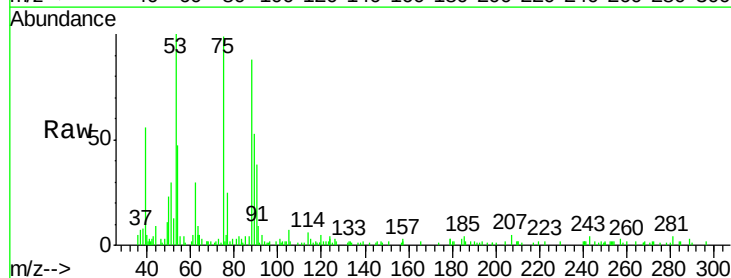
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC010

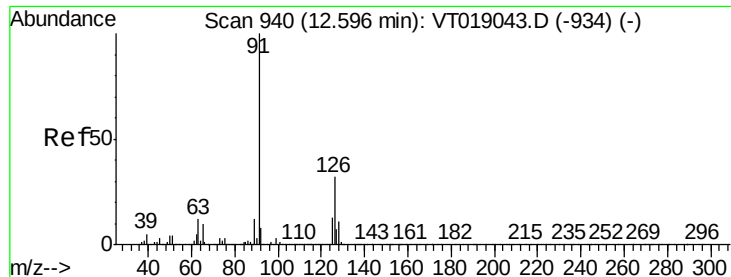
Tgt Ion: 105 Resp: 561500
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.5



#80
 trans-1,4-Dichloro-2-butene
 Concen: 7.77 ug/l
 RT: 12.12 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VT019041.D
 Acq: 8 May 2018 17:47

Tgt Ion: 75 Resp: 19862
 Ion Ratio Lower Upper
 75 100
 53 99.0 70.8 106.2
 89 52.6 35.8 53.8

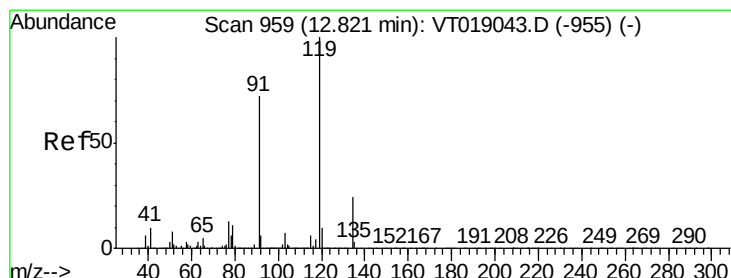
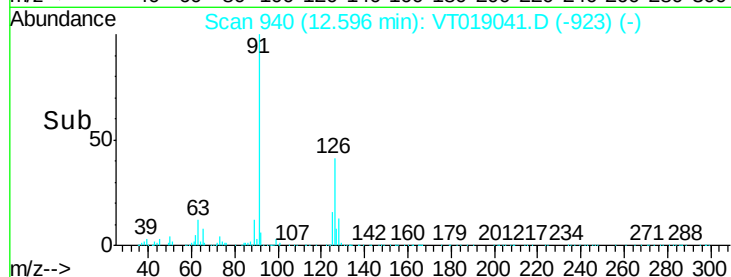
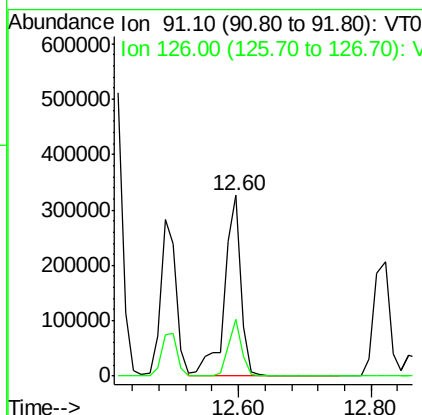
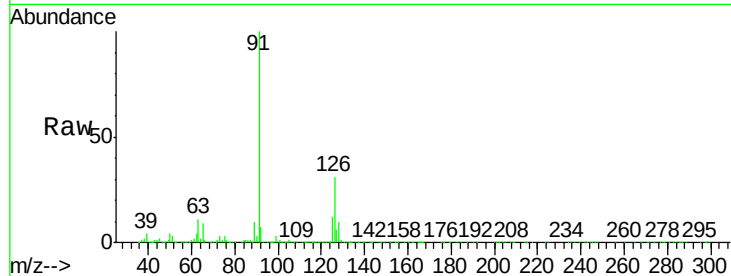




#81
4-Chlorotoluene
Concen: 12.68 ug/l
RT: 12.60 min Scan# 940
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

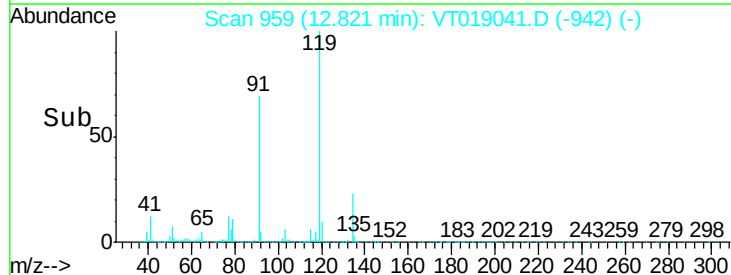
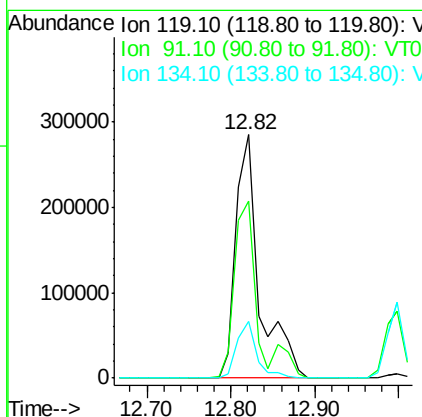
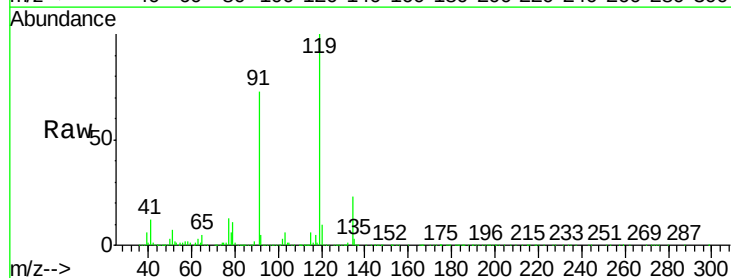
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

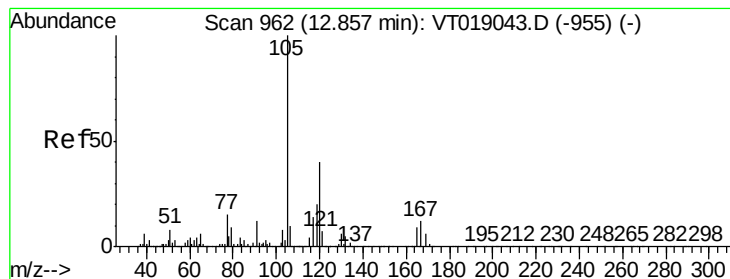
Tgt Ion: 91 Resp: 564331
Ion Ratio Lower Upper
91 100
126 31.3 16.0 47.9



#82
tert-Butylbenzene
Concen: 13.28 ug/l
RT: 12.82 min Scan# 959
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion: 119 Resp: 555128
Ion Ratio Lower Upper
119 100
91 72.5 36.1 108.3
134 23.1 12.0 36.1





#83

1,2,4-Trimethylbenzene

Concen: 12.04 ug/l

RT: 12.86 min Scan# 962

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

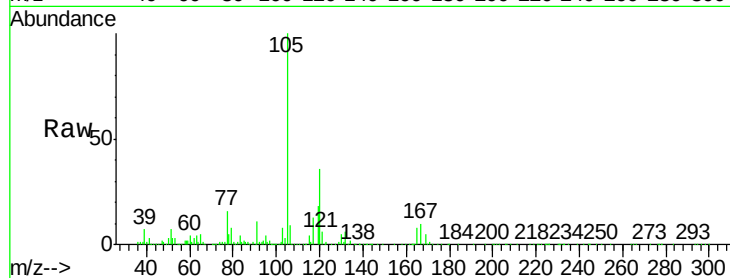
VSTDIC010

Tgt Ion:105 Resp: 572177

Ion Ratio Lower Upper

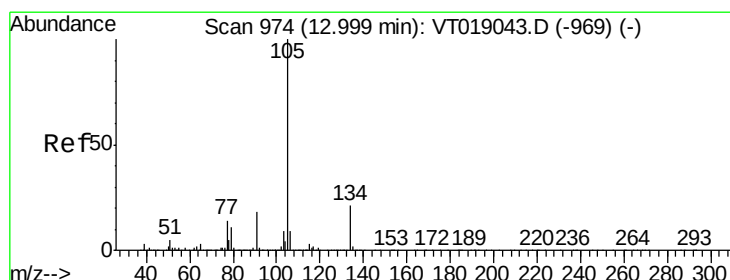
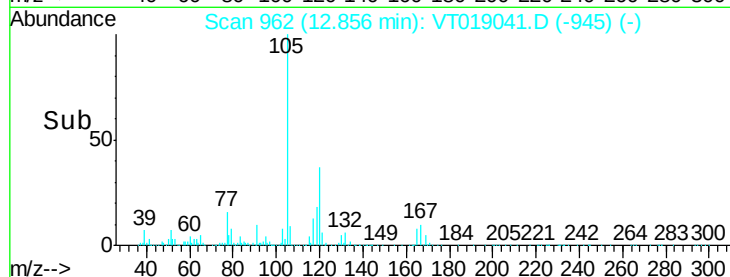
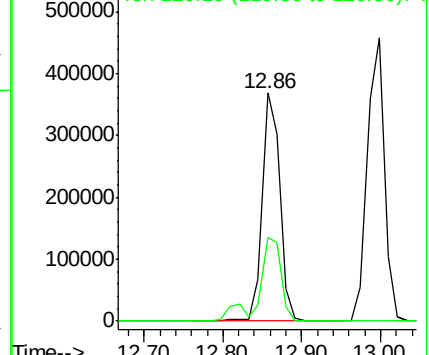
105 100

120 36.5 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: 11.84 ug/l

RT: 13.00 min Scan# 974

Delta R.T. -0.00 min

Lab File: VT019041.D

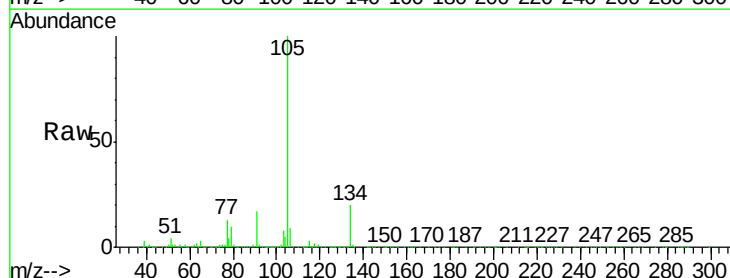
Acq: 8 May 2018 17:47

Tgt Ion:105 Resp: 700722

Ion Ratio Lower Upper

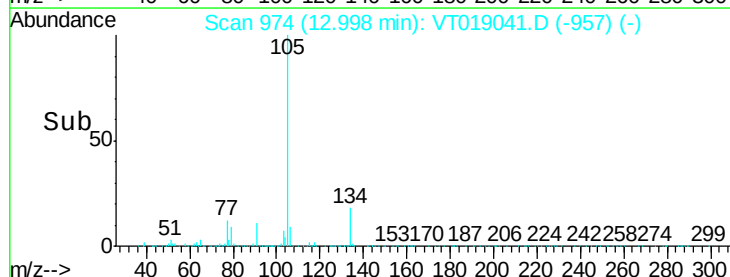
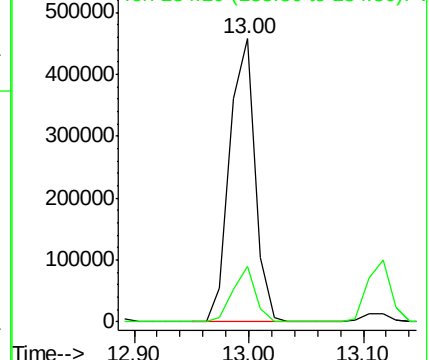
105 100

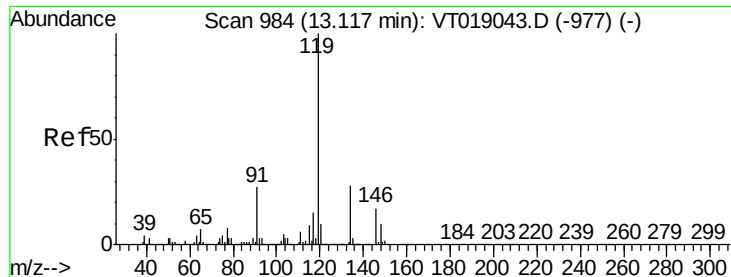
134 19.6 10.4 31.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.10 (133.80 to 134.80): V

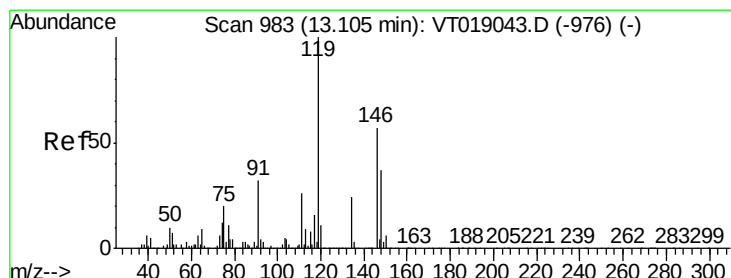
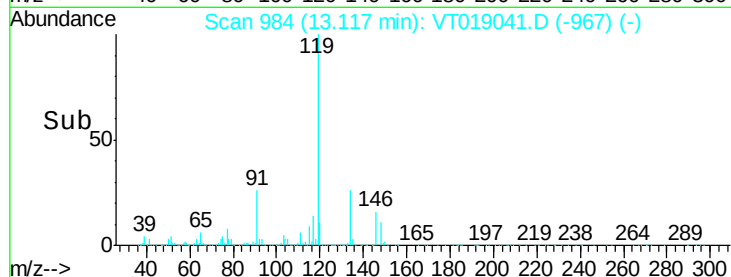
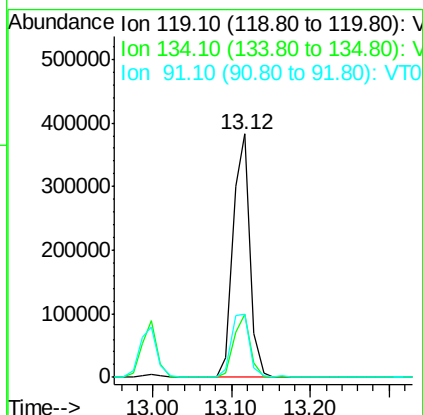
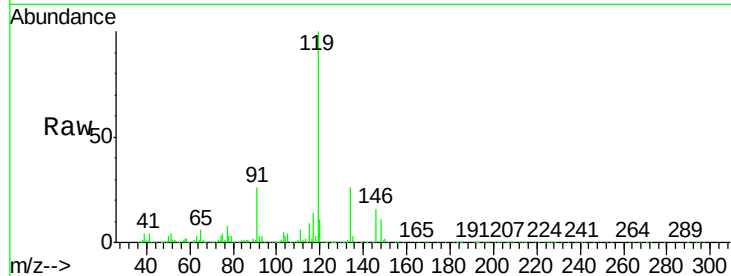




#85
p-Isopropyltoluene
Concen: 10.82 ug/l
RT: 13.12 min Scan# 984
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

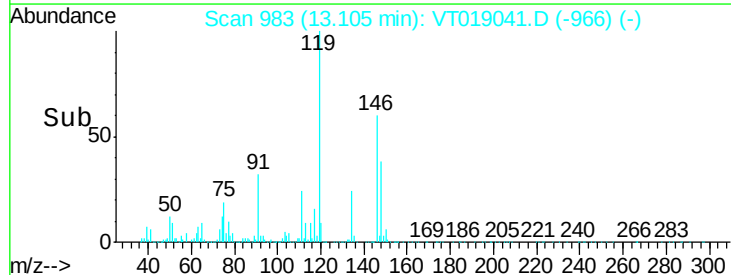
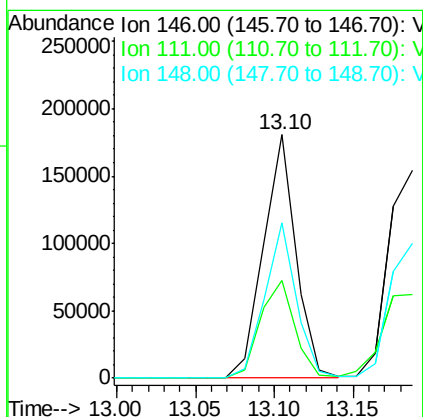
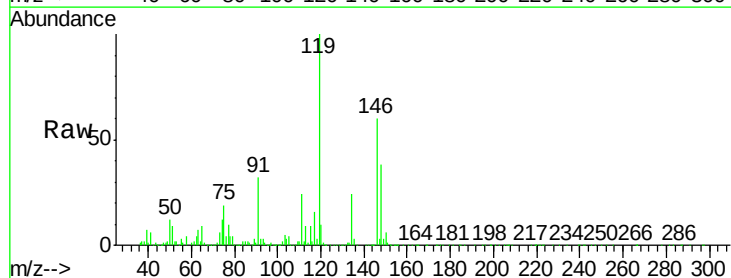
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

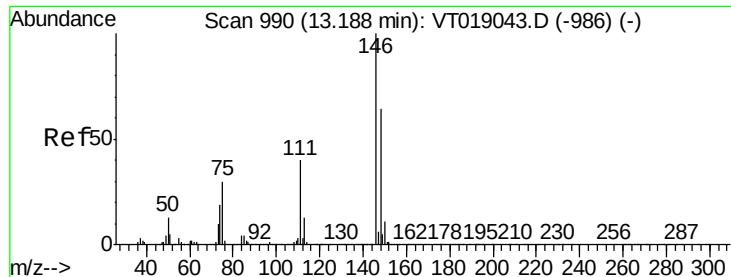
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	14.1	42.3
91	26.2	13.5	40.4



#86
1,3-Dichlorobenzene
Concen: 10.30 ug/l
RT: 13.10 min Scan# 983
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	23.1	69.2
148	64.0	32.5	97.5

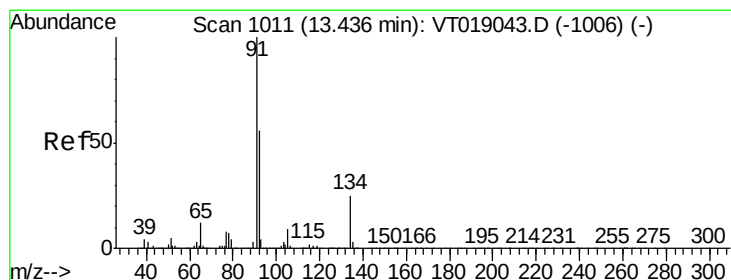
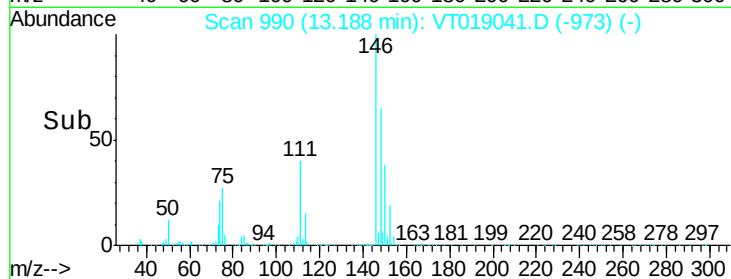
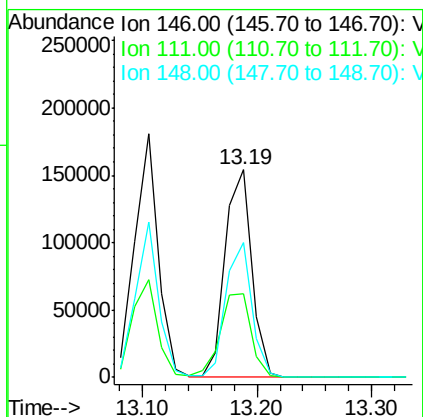
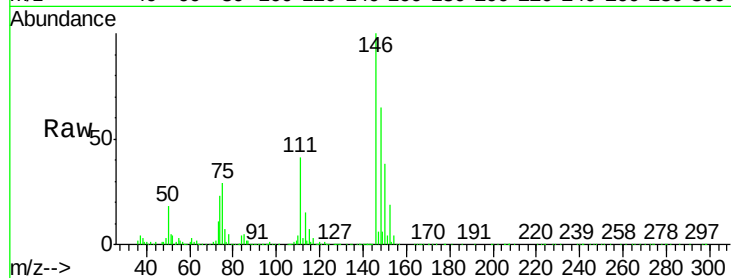




#87
 1,4-Dichlorobenzene
 Concen: 9.90 ug/l
 RT: 13.19 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VT019041.D
 Acq: 8 May 2018 17:47

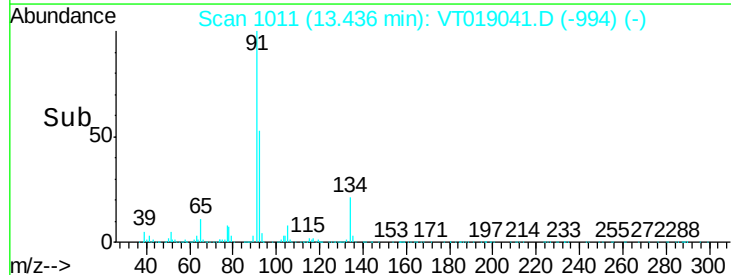
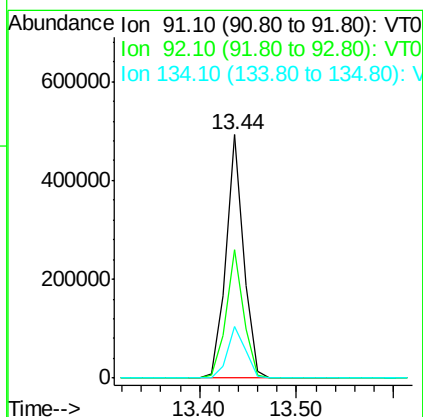
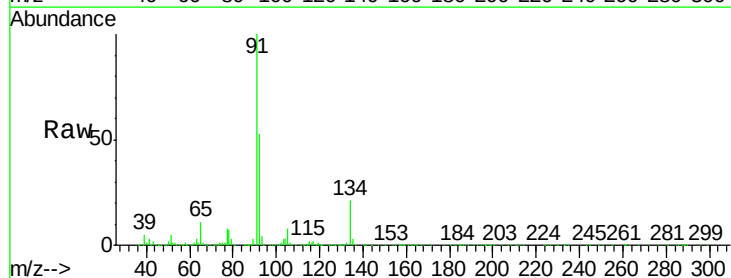
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC010

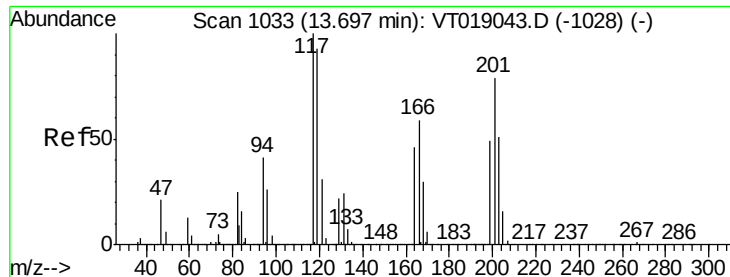
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	65.2	32.3	96.8



#88
 n-Butylbenzene
 Concen: 12.86 ug/l
 RT: 13.44 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VT019041.D
 Acq: 8 May 2018 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	28.0	84.0
134	21.4	12.4	37.0





#89

Hexachloroethane

Concen: 10.01 ug/l

RT: 13.70 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

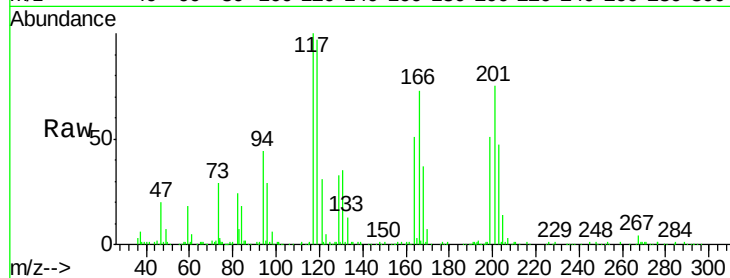
VSTDIC010

Tgt Ion:117 Resp: 85079

Ion Ratio Lower Upper

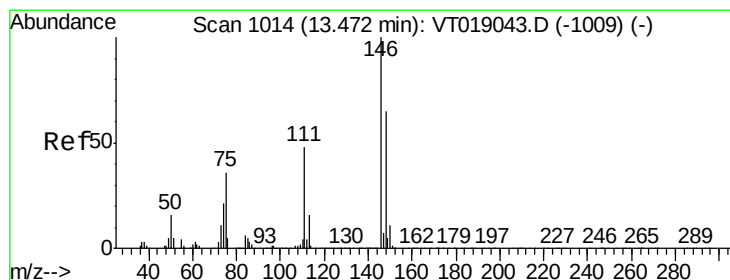
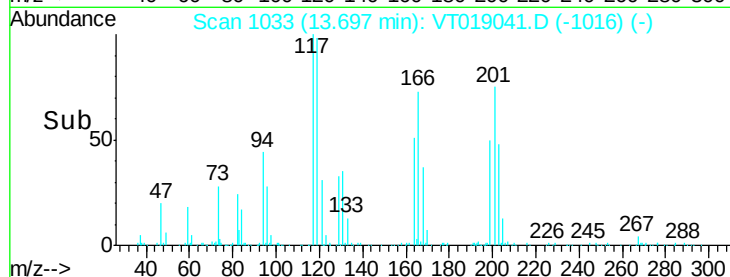
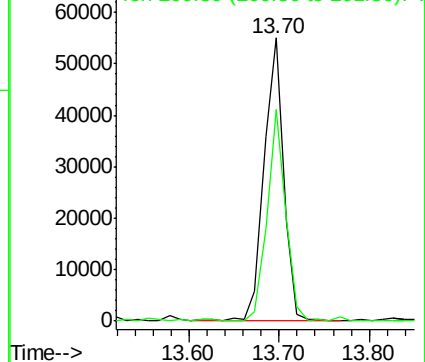
117 100

201 74.6 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: 9.90 ug/l

RT: 13.47 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

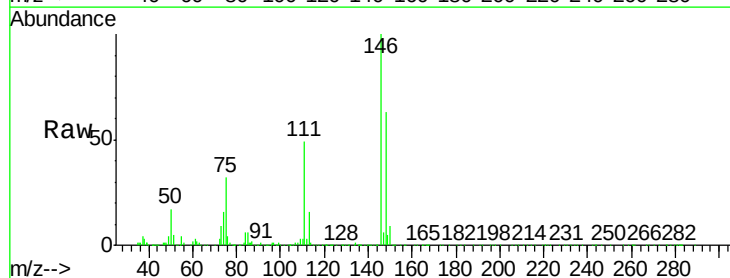
Tgt Ion:146 Resp: 215374

Ion Ratio Lower Upper

146 100

111 48.8 23.8 71.2

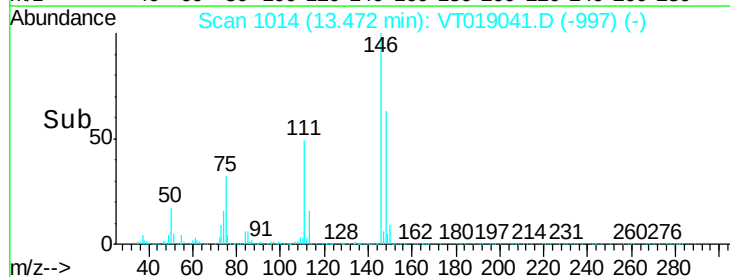
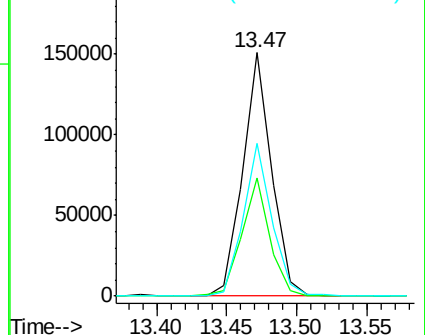
148 62.7 32.7 98.1

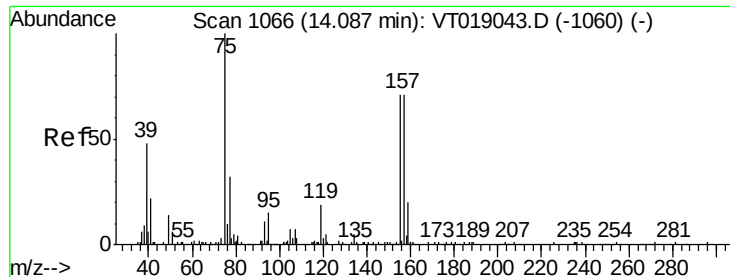


Abundance Ion 146.00 (145.70 to 146.70): V

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: 8.61 ug/l

RT: 14.09 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

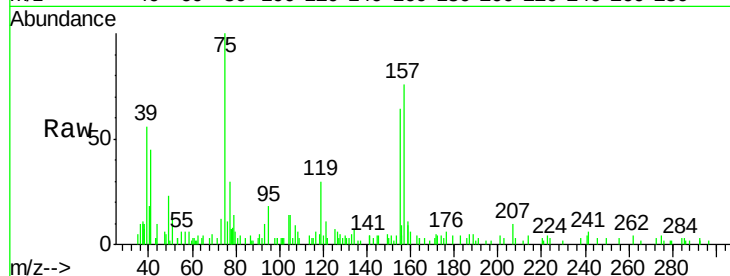
Tgt Ion: 75 Resp: 10896

Ion	Ratio	Lower	Upper
75	100		
155	64.2	35.6	106.8
157	76.0	35.8	107.3

75 100

155 64.2 35.6 106.8

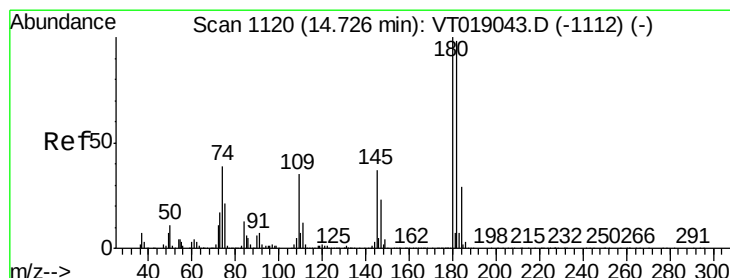
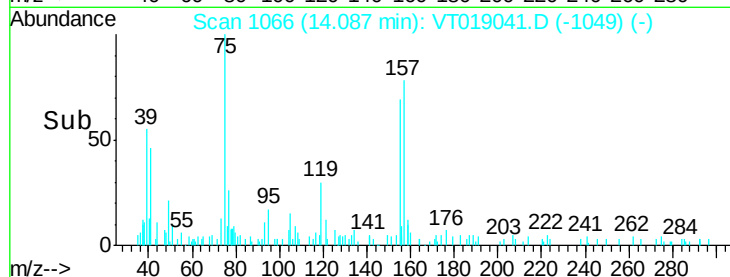
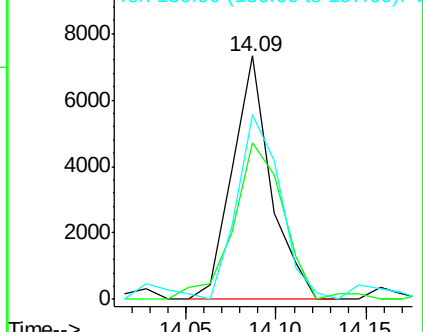
157 76.0 35.8 107.3



Abundance Ion 75.00 (74.70 to 75.70): VT019041.D (-1049) (-)

Ion 154.90 (154.60 to 155.60): VT019041.D (-1049) (-)

Ion 156.90 (156.60 to 157.60): VT019041.D (-1049) (-)



#92

1,2,4-Trichlorobenzene

Concen: 9.10 ug/l

RT: 14.73 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VT019041.D

Acq: 8 May 2018 17:47

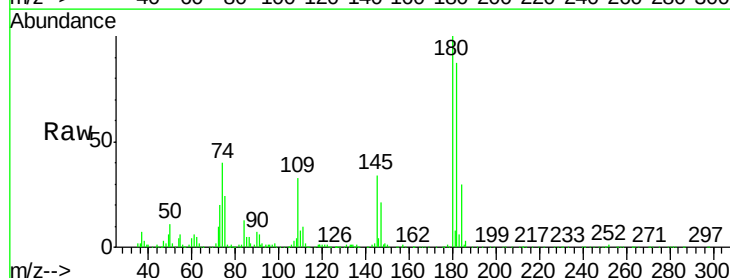
Tgt Ion: 180 Resp: 132436

Ion	Ratio	Lower	Upper
180	100		
182	86.9	49.0	147.0
145	34.2	18.3	54.9

180 100

182 86.9 49.0 147.0

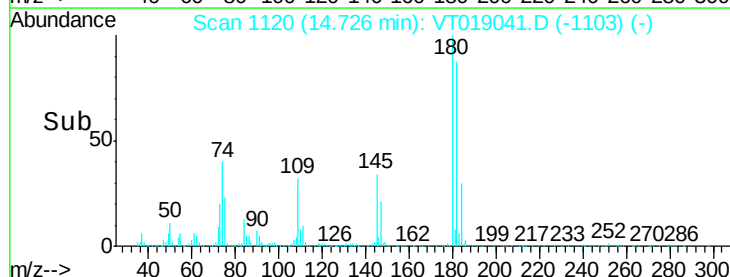
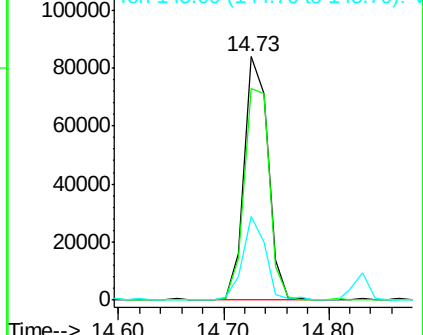
145 34.2 18.3 54.9

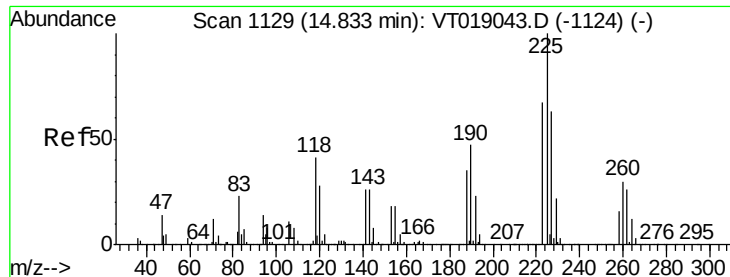


Abundance Ion 179.90 (179.60 to 180.60): VT019041.D (-1103) (-)

Ion 181.90 (181.60 to 182.60): VT019041.D (-1103) (-)

Ion 145.00 (144.70 to 145.70): VT019041.D (-1103) (-)

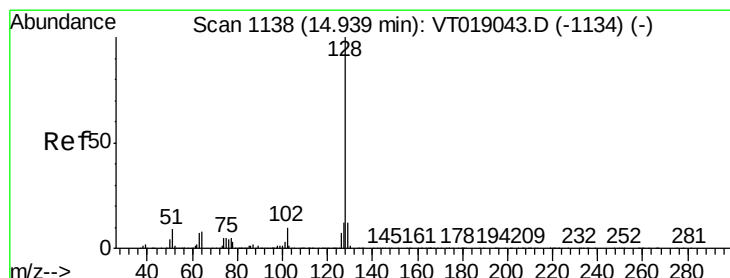
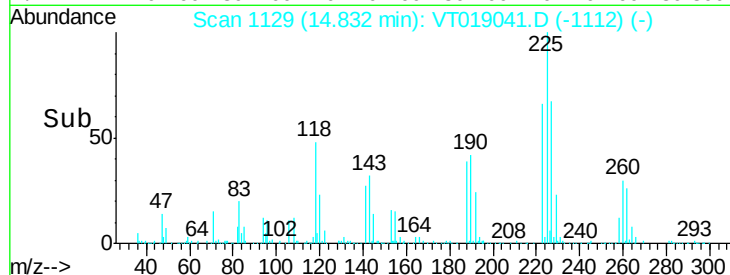
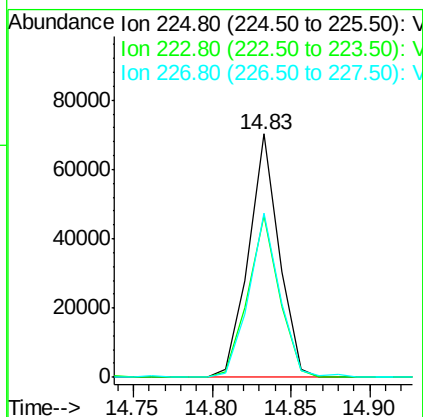
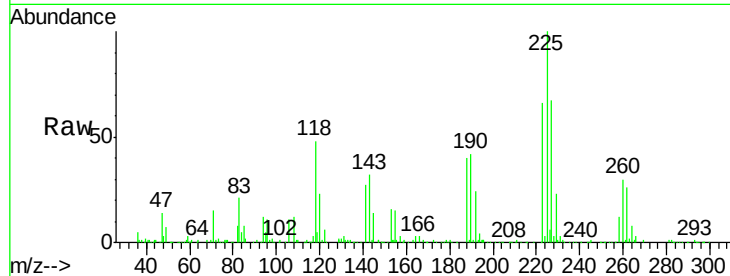




#93
Hexachlorobutadiene
Concen: 9.87 ug/l
RT: 14.83 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

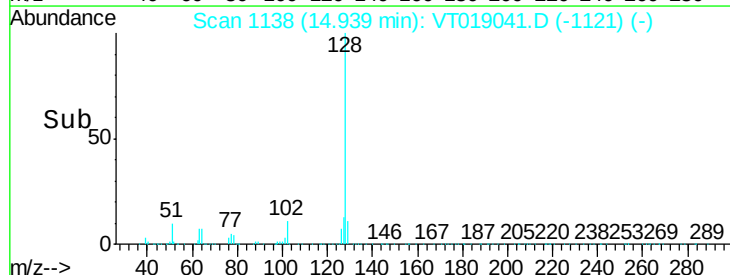
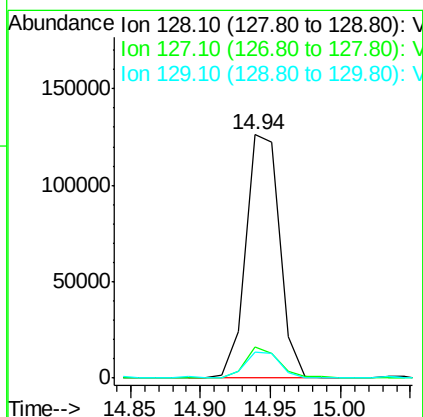
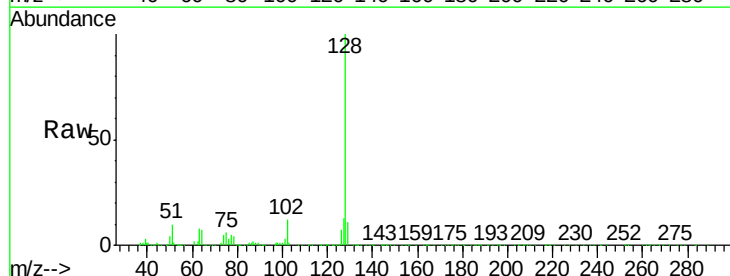
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

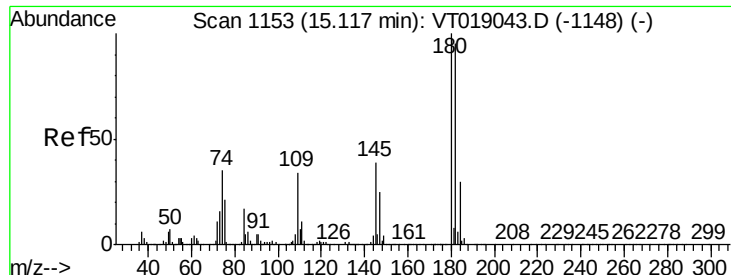
Tgt Ion: 225 Resp: 94498
Ion Ratio Lower Upper
225 100
223 66.5 33.5 100.4
227 67.4 31.7 95.1



#94
Naphthalene
Concen: 8.84 ug/l
RT: 14.94 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VT019041.D
Acq: 8 May 2018 17:47

Tgt Ion: 128 Resp: 211539
Ion Ratio Lower Upper
128 100
127 13.0 9.9 14.9
129 10.5 9.3 13.9

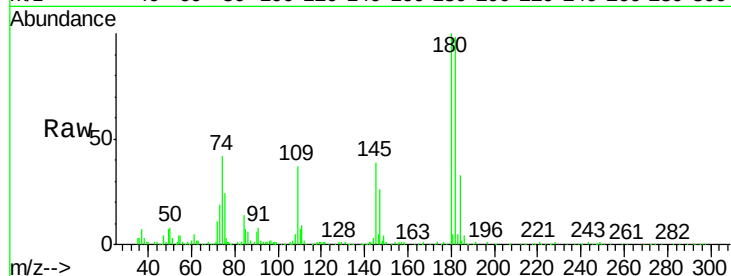




#95
 1,2,3-Trichlorobenzene
 Concen: 8.69 ug/l
 RT: 15.12 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VT019041.D
 Acq: 8 May 2018 17:47

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.7	143.1
145	38.7	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

