

Data File : VT019042.D
Acq On : 8 May 2018 18:17
Operator : SY/MD
Sample : VSTDIC020
Misc : 5.00g/5mL/MSVOA_T/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

Quant Time: May 09 03:56:26 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	1057966	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1823934	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1576451	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	772095	50.00	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	210934	24.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.74%	
34) Dibromofluoromethane	7.35	113	210330	21.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.58%	
49) Toluene-d8	9.90	98	919170	21.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.34%	
61) 4-Bromofluorobenzene	12.22	95	348653	23.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.78	85	255842	26.01	ug/l	94
3) Chloromethane	1.96	50	89638	9.86	ug/l	98
4) Vinyl Chloride	2.10	62	138101	14.15	ug/l	89
5) Bromomethane	2.44	94	118114	21.65	ug/l	98
6) Chloroethane	2.57	64	92522	18.22	ug/l #	87
7) Trichlorofluoromethane	2.93	101	225742	20.13	ug/l	99
8) Diethyl Ether	3.20	74	59327	14.63	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.59	101	201964	20.89	ug/l	96
10) Methyl Iodide	3.76	142	286812	19.10	ug/l	90
11) Tert butyl alcohol	4.53	59	49843	107.68	ug/l #	89
12) 1,1-Dichloroethene	3.56	96	179716	17.97	ug/l	86
13) Acrolein	3.39	56	26145	40.93	ug/l #	80
14) Allyl chloride	4.06	41	384328	21.97	ug/l	93
15) Acrylonitrile	4.70	53	206311	98.57	ug/l	99
16) Acetone	3.60	43	106818	51.11	ug/l	99
17) Carbon Disulfide	4.05	76	205341	7.47	ug/l	98
18) Methyl Acetate	4.08	43	113043	12.68	ug/l	93
19) Methyl tert-butyl Ether	4.76	73	452141	23.87	ug/l	97
20) Methylene Chloride	4.32	84	234493	20.14	ug/l	94
21) trans-1,2-Dichloroethene	4.74	96	259419	24.13	ug/l	90
22) Diisopropyl ether	5.67	45	741612	24.00	ug/l	97
23) Vinyl Acetate	5.61	43	1681365	146.42	ug/l	98
24) 1,1-Dichloroethane	5.56	63	484130	26.49	ug/l	99
25) 2-Butanone	6.57	43	251517	88.15	ug/l	99
26) 2,2-Dichloropropane	6.55	77	201231	23.39	ug/l	100
27) cis-1,2-Dichloroethene	6.55	96	254592	24.25	ug/l	96
28) Bromochloromethane	6.94	49	168959	22.62	ug/l	99
29) Chloroform	7.13	83	458266	27.38	ug/l	99
30) Cyclohexane	7.41	56	526078	25.29	ug/l	96
31) 1,1,1-Trichloroethane	7.33	97	362000	28.26	ug/l	96
35) 1,1-Dichloropropene	7.56	75	422176	23.43	ug/l	96
36) Ethyl Acetate	6.67	43	111865	16.79	ug/l	98
37) Carbon Tetrachloride	7.54	117	337765	22.40	ug/l	98
38) Methylcyclohexane	8.88	83	519476	22.56	ug/l	96

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Quant Title : SW846 8260

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	1160445	23.30	ug/l	99
40) Methacrylonitrile	6.95	41	143868	36.59	ug/l #	47
41) 1,2-Dichloroethane	7.90	62	237244	19.80	ug/l	99
42) Isopropyl Acetate	7.96	43	188934	17.30	ug/l	98
43) Trichloroethene	8.63	130	254203	20.13	ug/l	97
44) 1,2-Dichloropropane	8.92	63	254783	22.08	ug/l	94
45) Dibromomethane	9.01	93	101879	20.11	ug/l	95
46) Bromodichloromethane	9.21	83	284709	21.60	ug/l	100
47) Methyl methacrylate	9.01	41	98486	15.90	ug/l	98
48) 1,4-Dioxane	9.01	88	22819	334.28	ug/l	97
50) 4-Methyl-2-Pentanone	9.80	43	538763	83.16	ug/l	95
51) Toluene	9.97	92	653914	21.17	ug/l	94
52) t-1,3-Dichloropropene	10.19	75	263978	20.78	ug/l	96
53) cis-1,3-Dichloropropene	9.65	75	335436	20.92	ug/l	98
54) 1,1,2-Trichloroethane	10.38	97	156904	20.74	ug/l	94
55) Ethyl methacrylate	10.25	69	191838	20.79	ug/l	99
56) 1,3-Dichloropropane	10.53	76	277667	21.15	ug/l	98
57) 2-Chloroethyl Vinyl ether	9.51	63	450205	117.13	ug/l	97
58) 2-Hexanone	10.57	43	391242	79.97	ug/l	96
59) Dibromochloromethane	10.73	129	163867	18.78	ug/l	99
60) 1,2-Dibromoethane	10.82	107	133647	19.16	ug/l	100
63) Tetrachloroethene	10.45	164	205370	17.86	ug/l	95
64) Chlorobenzene	11.25	112	674888	19.88	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.33	131	207568	19.44	ug/l	99
66) Ethyl Benzene	11.33	91	1375212	23.21	ug/l	98
67) m/p-Xylenes	11.45	106	977379	41.30	ug/l	91
68) o-Xylene	11.77	106	448261	20.79	ug/l	97
69) Styrene	11.79	104	714926	19.91	ug/l	98
70) Bromoform	11.95	173	77143	14.21	ug/l	98
72) Isopropylbenzene	12.08	105	1371599	24.06	ug/l	96
73) N-amyl acetate	11.90	43	200906	18.43	ug/l	94
74) 1,1,2,2-Tetrachloroethane	12.32	83	180642	20.78	ug/l	96
75) 1,2,3-Trichloropropane	12.37	75	238719	39.14	ug/l	96
76) Bromobenzene	12.35	156	243379	19.22	ug/l	94
77) n-propylbenzene	12.42	91	1741568	25.32	ug/l	98
78) 2-Chlorotoluene	12.49	91	962594	24.92	ug/l	98
79) 1,3,5-Trimethylbenzene	12.56	105	1158344	23.62	ug/l	100
80) trans-1,4-Dichloro-2-buten	12.12	75	46756	17.57	ug/l	99
81) 4-Chlorotoluene	12.60	91	1165943	25.14	ug/l	96
82) tert-Butylbenzene	12.82	119	1160462	26.66	ug/l	99
83) 1,2,4-Trimethylbenzene	12.86	105	1201459	24.27	ug/l	99
84) sec-Butylbenzene	13.00	105	1488897	24.14	ug/l	98
85) p-Isopropyltoluene	13.12	119	1232486	22.73	ug/l	96
86) 1,3-Dichlorobenzene	13.10	146	527688	20.05	ug/l	98
87) 1,4-Dichlorobenzene	13.19	146	522747	19.97	ug/l	98
88) n-Butylbenzene	13.44	91	1323185	26.31	ug/l	97
89) Hexachloroethane	13.70	117	181452	20.50	ug/l	100
90) 1,2-Dichlorobenzene	13.47	146	439246	19.38	ug/l	97
91) 1,2-Dibromo-3-Chloropropan	14.09	75	27187	20.63	ug/l	88
92) 1,2,4-Trichlorobenzene	14.73	180	295641	19.50	ug/l	91

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

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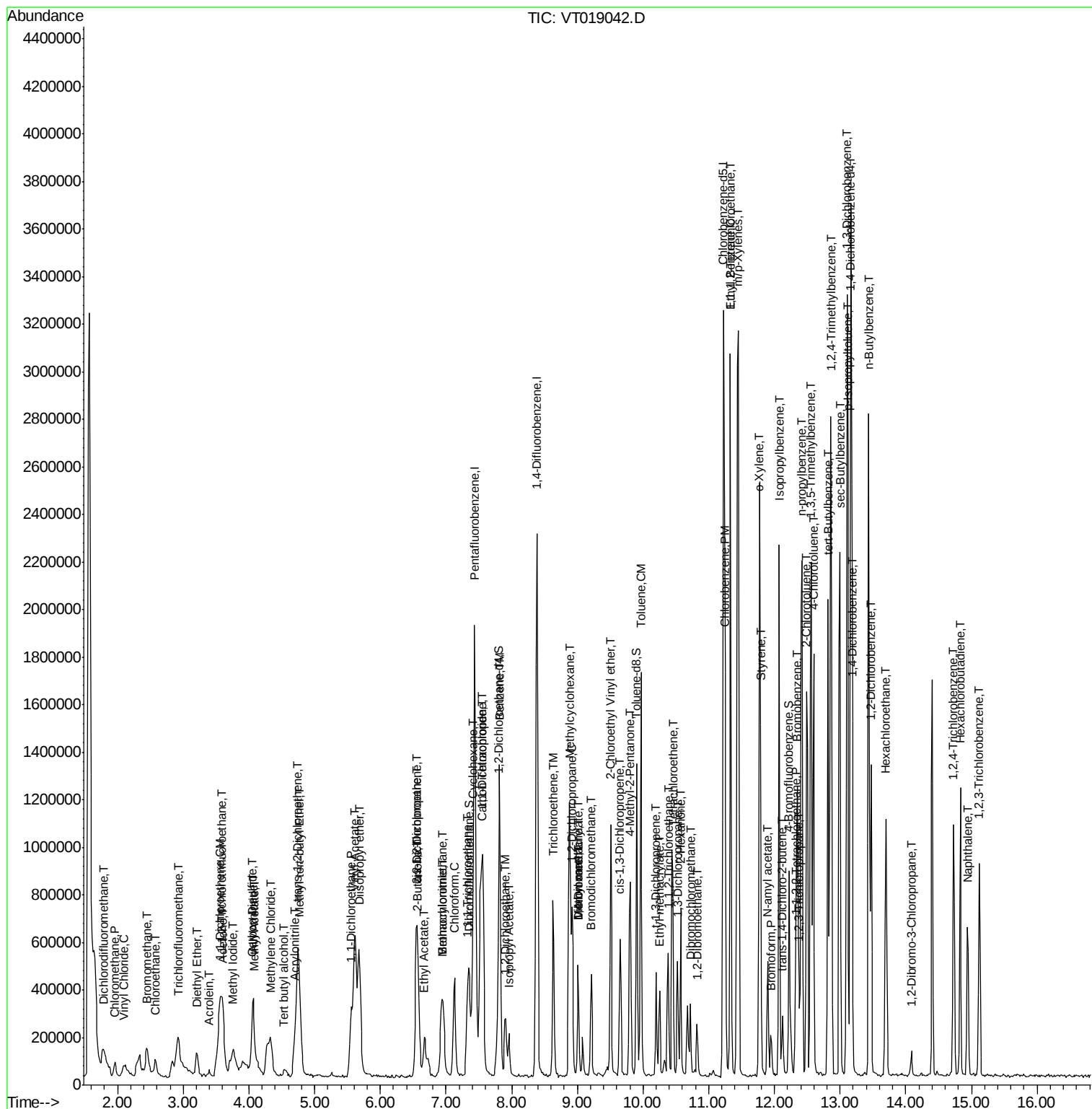
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	208487	20.91	ug/l	96
94) Naphthalene	14.94	128	472878	18.96	ug/l	96
95) 1,2,3-Trichlorobenzene	15.12	180	234323	18.06	ug/l	96

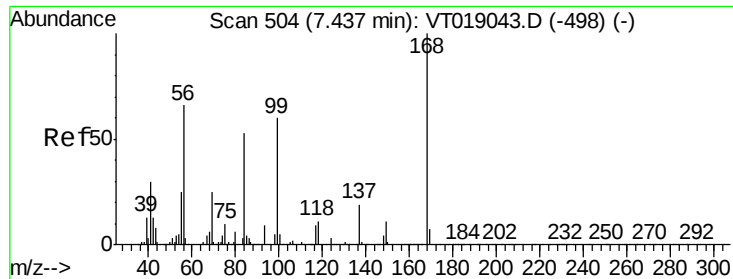
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 504

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

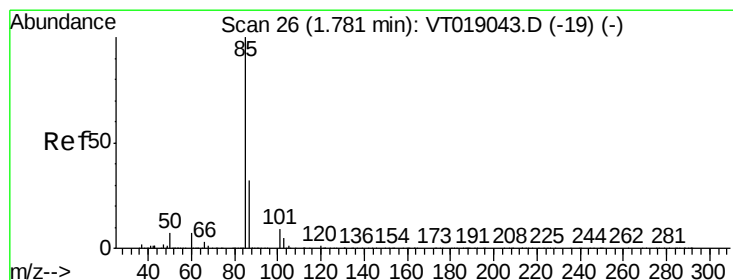
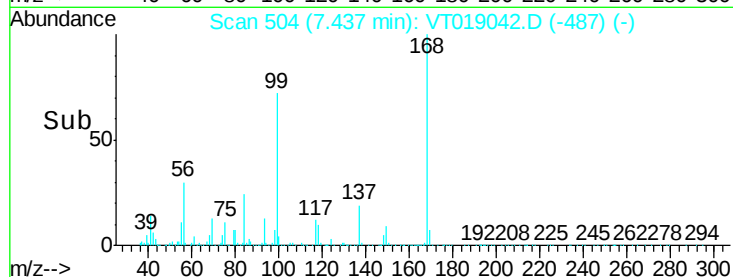
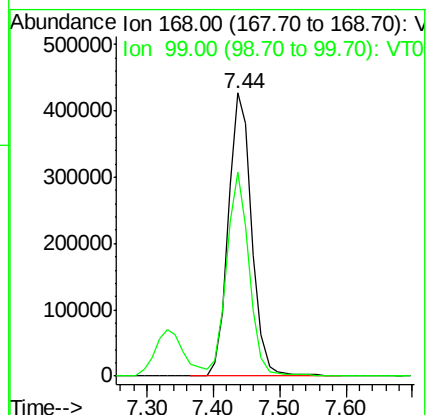
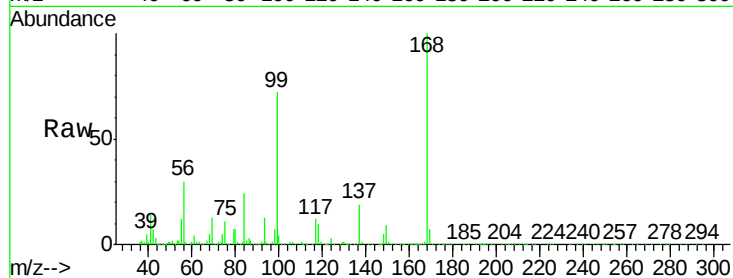
VSTDIC020

Tgt Ion:168 Resp: 1057966

Ion Ratio Lower Upper

168 100

99 72.1 59.0 88.4



#2

Dichlorodifluoromethane

Concen: 26.01 ug/l

RT: 1.78 min Scan# 26

Delta R.T. -0.00 min

Lab File: VT019042.D

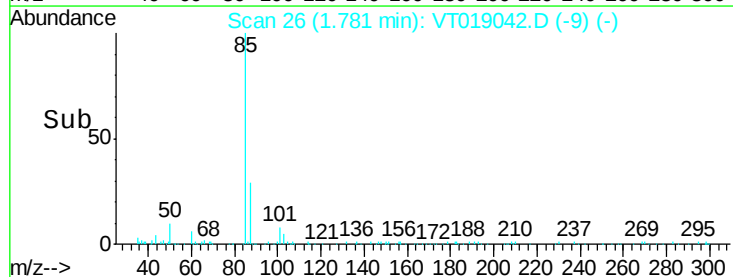
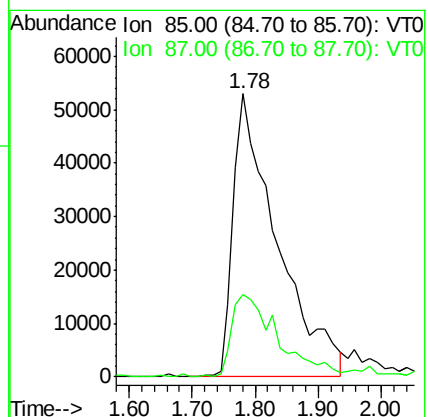
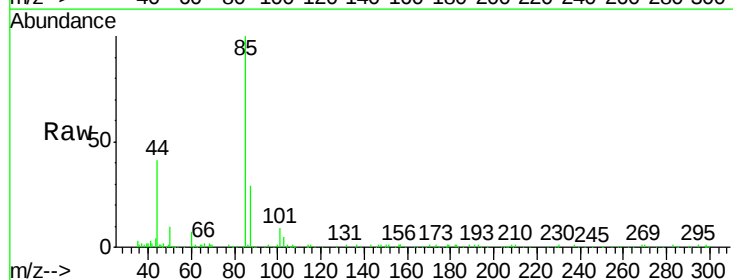
Acq: 8 May 2018 18:17

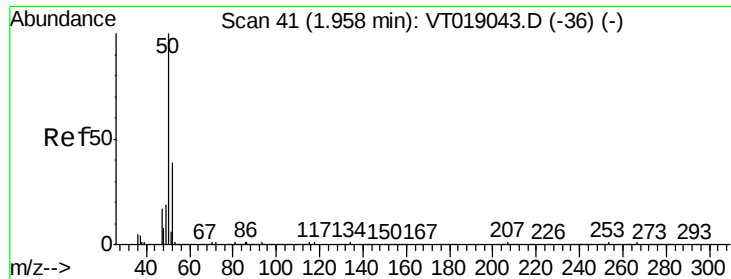
Tgt Ion: 85 Resp: 255842

Ion Ratio Lower Upper

85 100

87 29.3 16.3 48.8

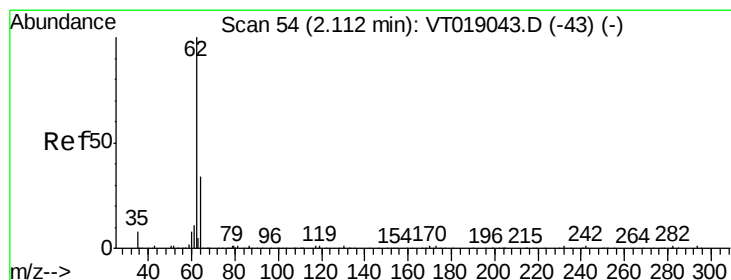
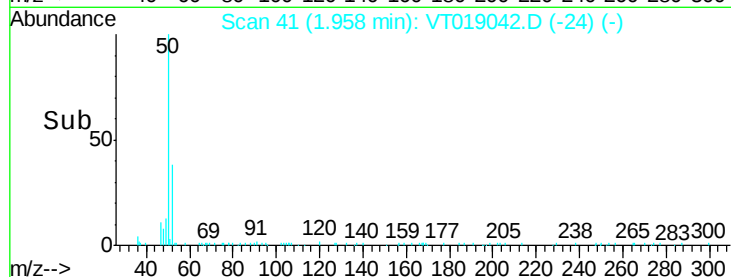
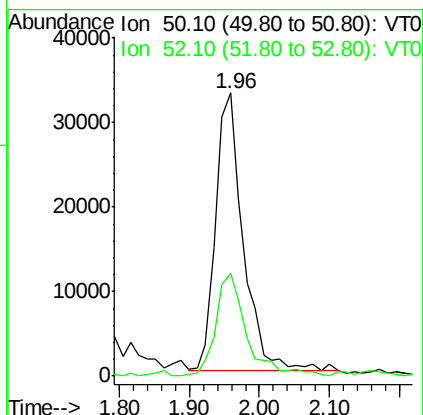
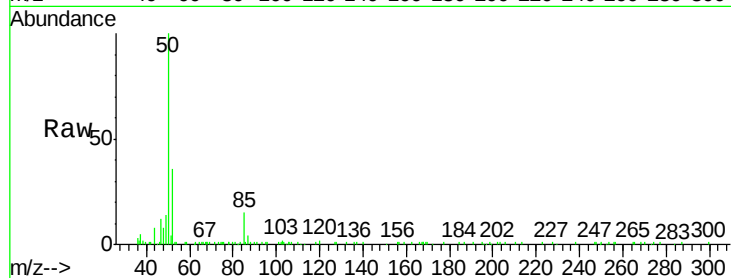




#3
Chloromethane
Concen: 9.86 ug/l
RT: 1.96 min Scan# 41
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

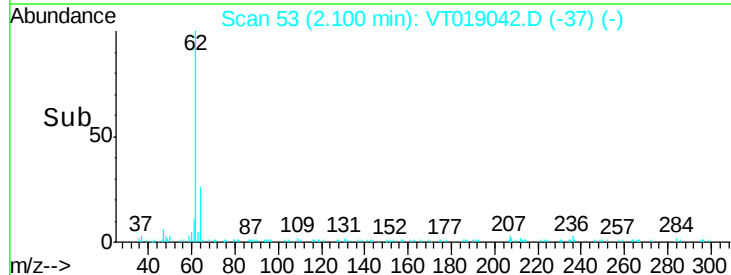
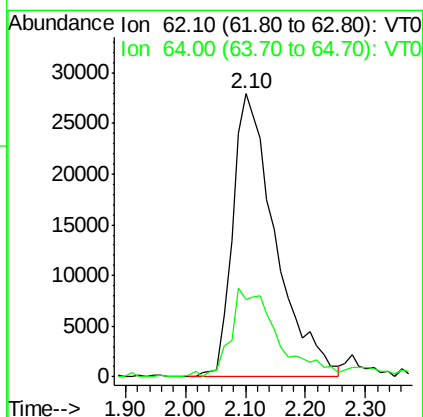
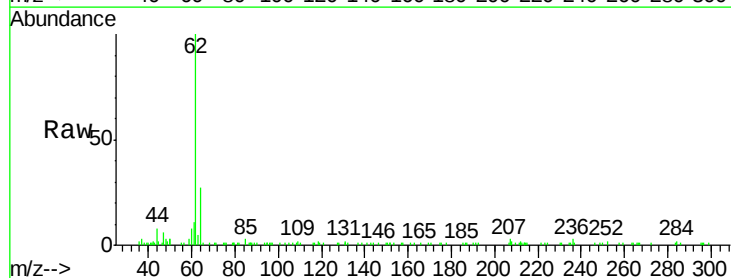
Instrument :
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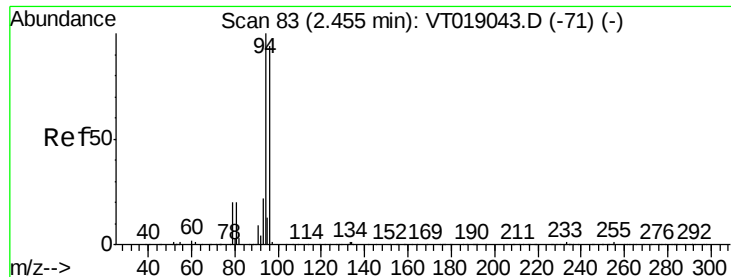
Tgt Ion: 50 Resp: 89638
Ion Ratio Lower Upper
50 100
52 36.2 30.1 45.1



#4
Vinyl Chloride
Concen: 14.15 ug/l
RT: 2.10 min Scan# 53
Delta R.T. -0.01 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion: 62 Resp: 138101
Ion Ratio Lower Upper
62 100
64 27.3 27.0 40.4





#5

Bromomethane

Concen: 21.65 ug/l

RT: 2.44 min Scan# 82

Delta R.T. -0.01 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

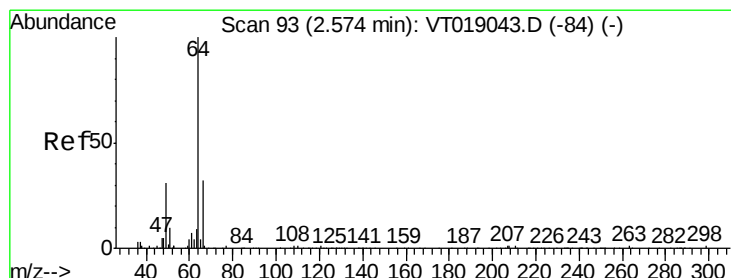
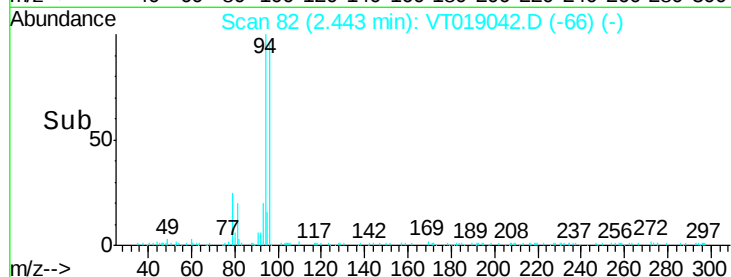
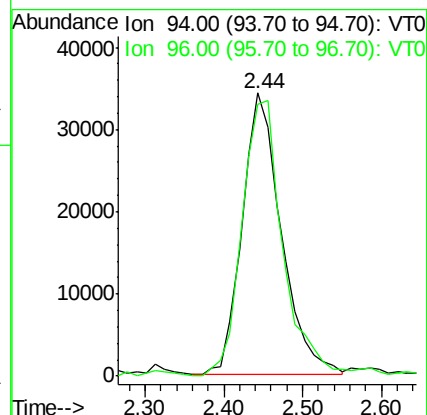
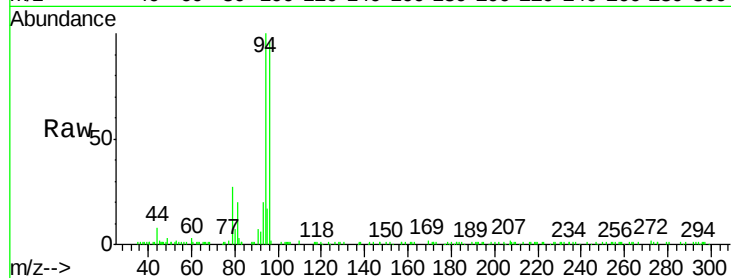
VSTDIC020

Tgt Ion: 94 Resp: 118114

Ion Ratio Lower Upper

94 100

96 95.9 75.3 112.9



#6

Chloroethane

Concen: 18.22 ug/l

RT: 2.57 min Scan# 93

Delta R.T. -0.00 min

Lab File: VT019042.D

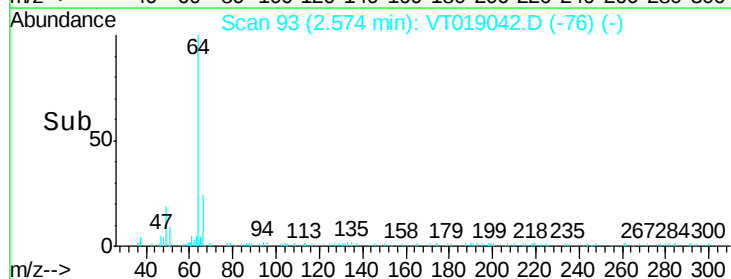
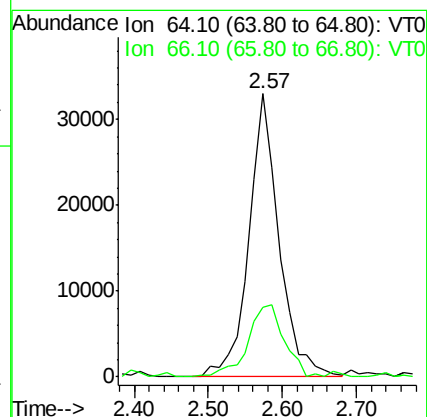
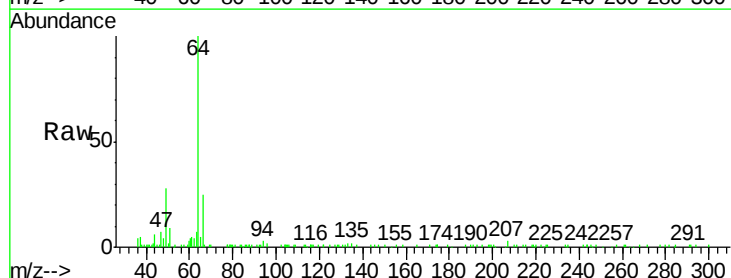
Acq: 8 May 2018 18:17

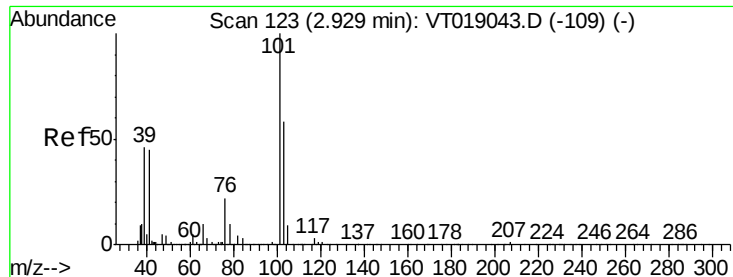
Tgt Ion: 64 Resp: 92522

Ion Ratio Lower Upper

64 100

66 24.8 25.8 38.8#



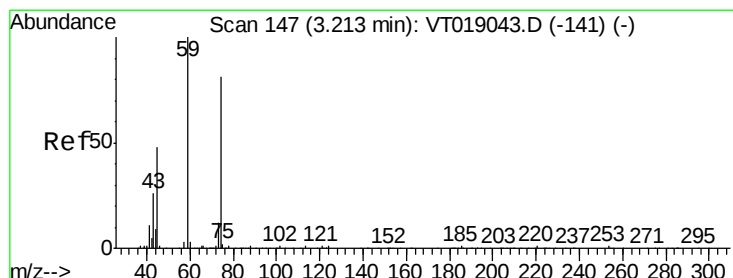
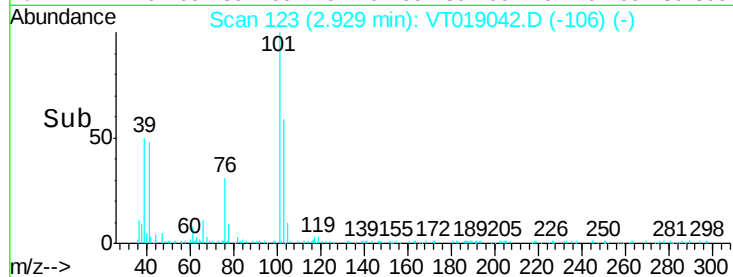
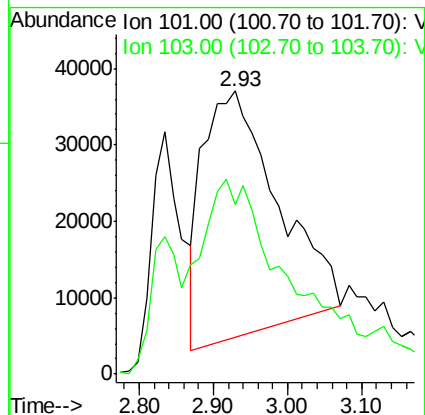
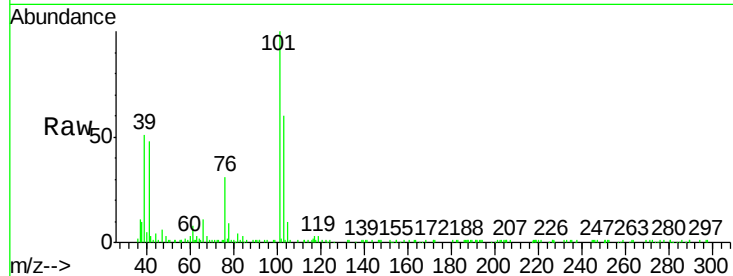


#7

Trichlorofluoromethane
 Concen: 20.13 ug/l
 RT: 2.93 min Scan# 123
 Delta R.T. -0.00 min
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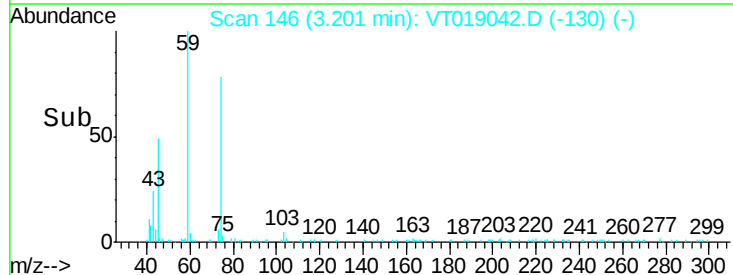
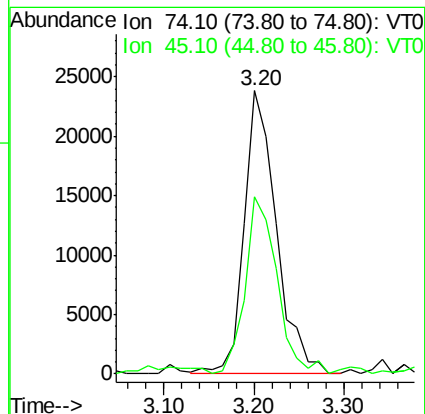
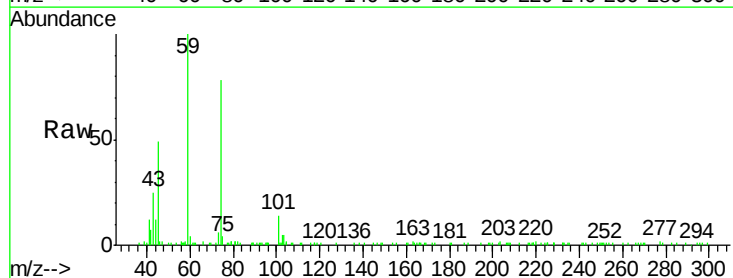
Tgt Ion:101 Resp: 225742
 Ion Ratio Lower Upper
 101 100
 103 59.0 46.5 69.7

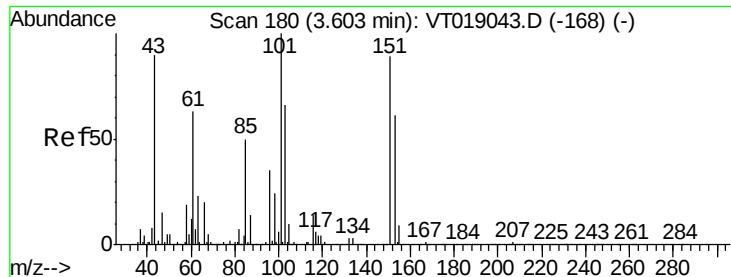


#8

Diethyl Ether
 Concen: 14.63 ug/l
 RT: 3.20 min Scan# 146
 Delta R.T. -0.01 min
 Lab File: VT019042.D
 Acq: 8 May 2018 18:17

Tgt Ion: 74 Resp: 59327
 Ion Ratio Lower Upper
 74 100
 45 62.6 29.8 89.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.89 ug/l

RT: 3.59 min Scan# 179

Delta R.T. -0.01 min

Lab File: VT019042.D

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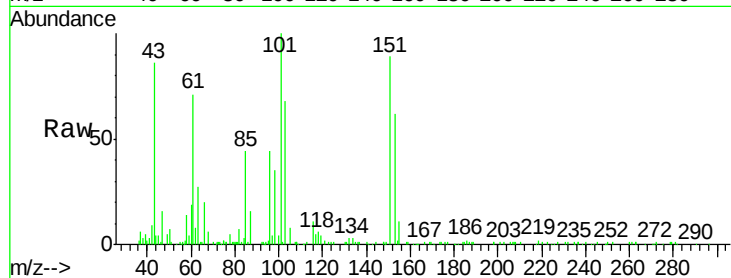
Tgt Ion:101 Resp: 201964

Ion Ratio Lower Upper

101 100

85 44.4 39.5 59.3

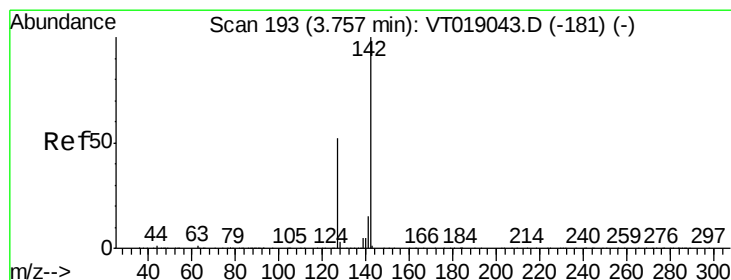
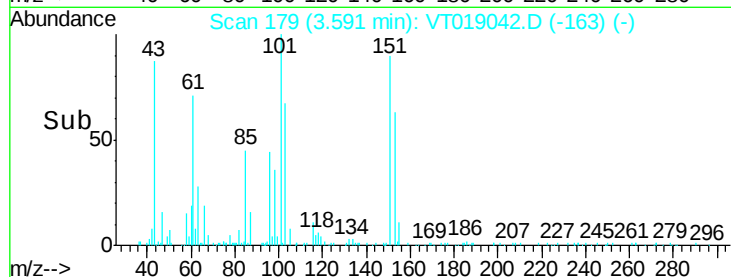
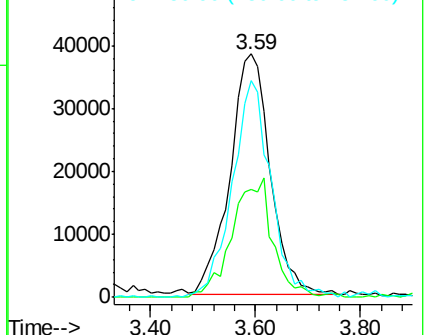
151 88.9 69.9 104.9



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: 19.10 ug/l

RT: 3.76 min Scan# 193

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

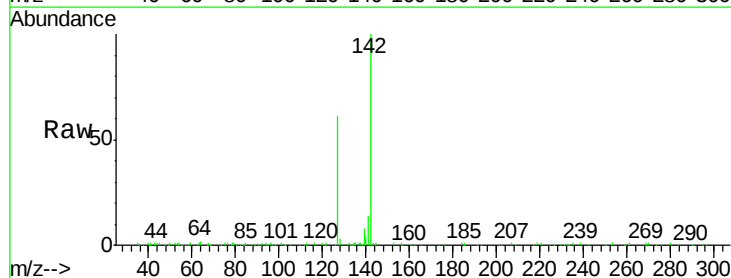
Tgt Ion:142 Resp: 286812

Ion Ratio Lower Upper

142 100

127 60.8 41.8 62.8

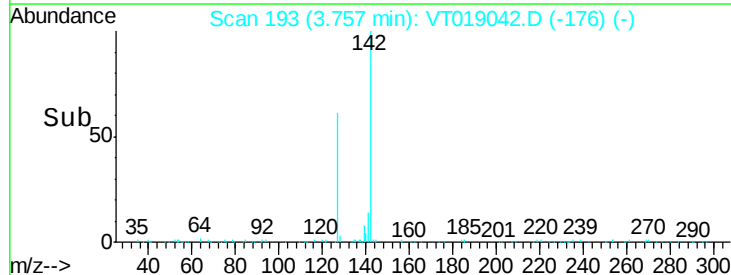
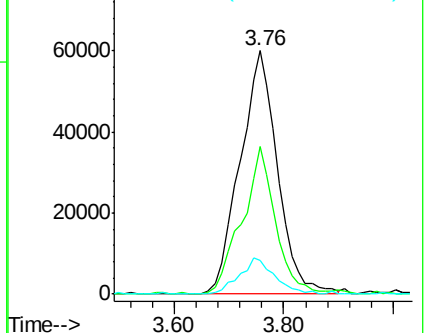
141 13.8 12.0 18.0

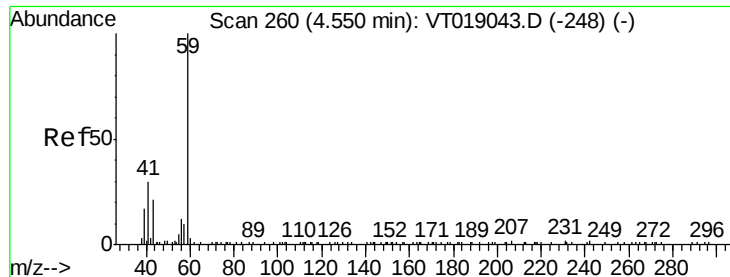


Abundance Ion 141.90 (141.60 to 142.60): V

Ion 126.90 (126.60 to 127.60): V

Ion 140.90 (140.60 to 141.60): V





#11

Tert butyl alcohol

Concen: 107.68 ug/l

RT: 4.53 min Scan# 258

Delta R.T. -0.02 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

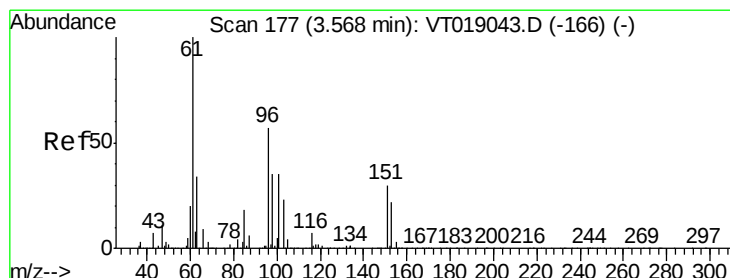
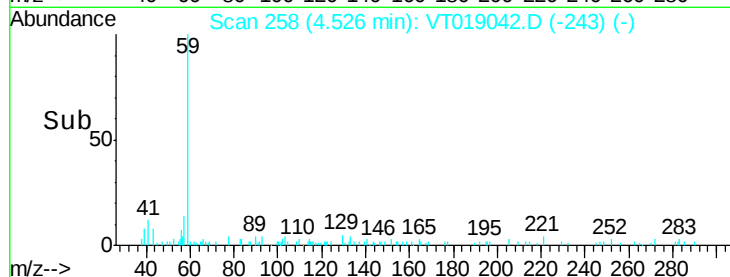
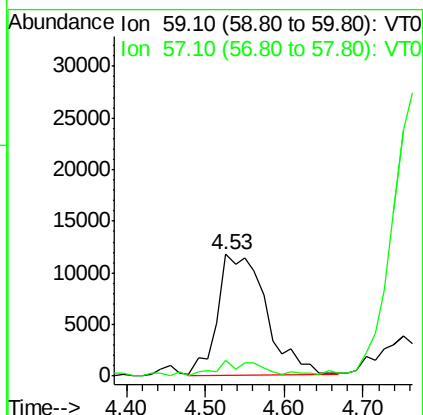
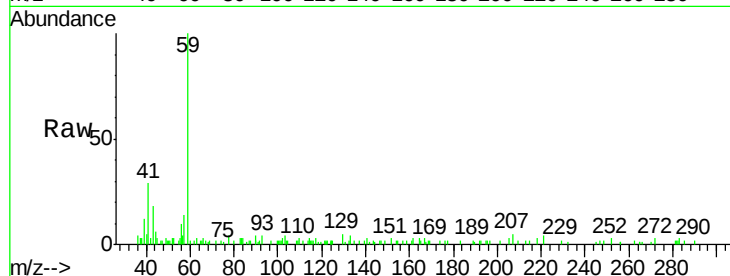
VSTDIC020

Tgt Ion: 59 Resp: 49843

Ion Ratio Lower Upper

59 100

57 13.5 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 17.97 ug/l

RT: 3.56 min Scan# 176

Delta R.T. -0.01 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

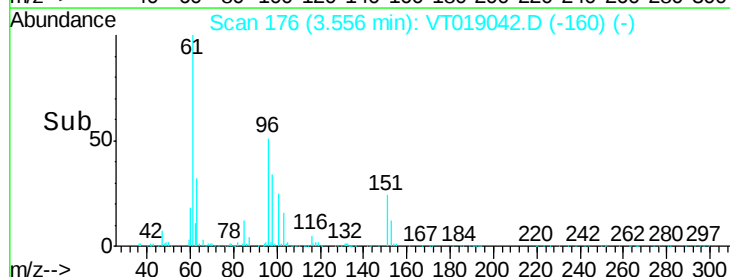
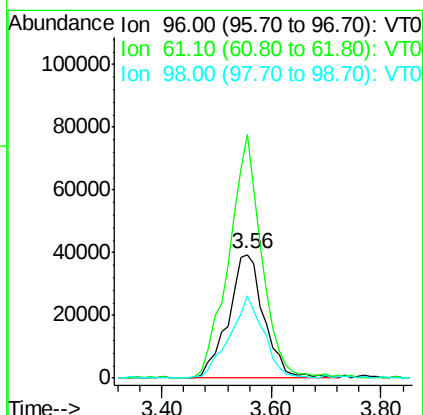
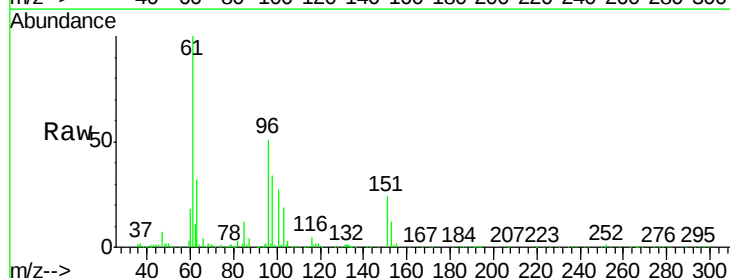
Tgt Ion: 96 Resp: 179716

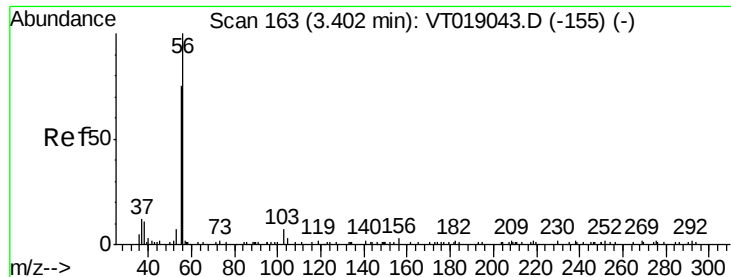
Ion Ratio Lower Upper

96 100

61 197.0 139.4 209.2

98 66.2 49.4 74.2





#13

Acrolein

Concen: 40.93 ug/l

RT: 3.39 min Scan# 162

Delta R.T. -0.01 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

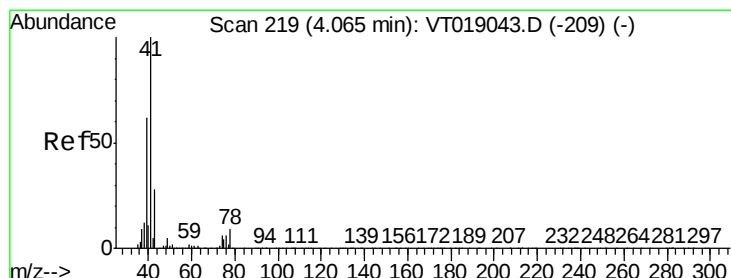
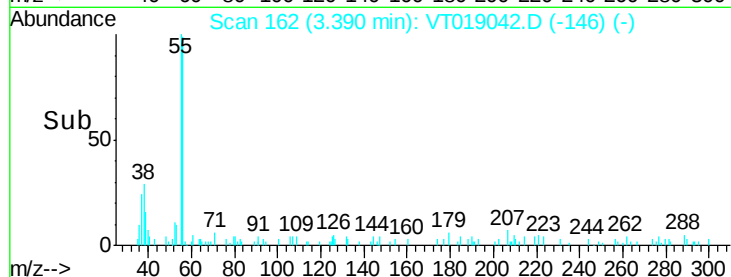
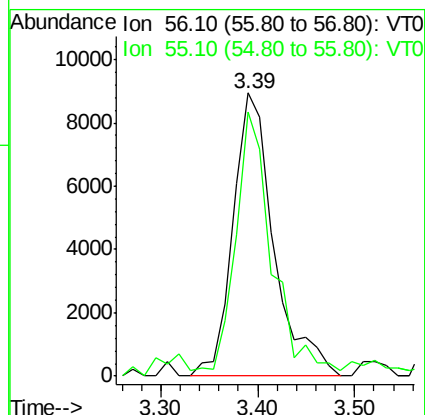
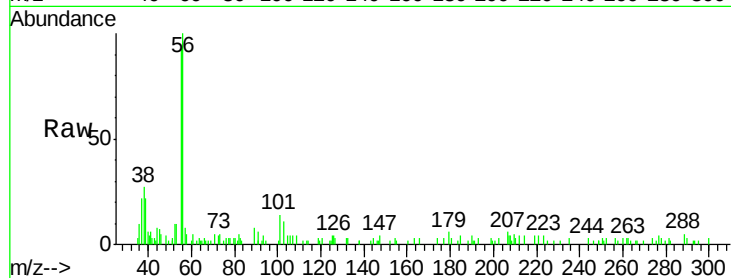
VSTDIC020

Tgt Ion: 56 Resp: 26145

Ion Ratio Lower Upper

56 100

55 93.4 60.8 91.2#



#14

Allyl chloride

Concen: 21.97 ug/l

RT: 4.06 min Scan# 219

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

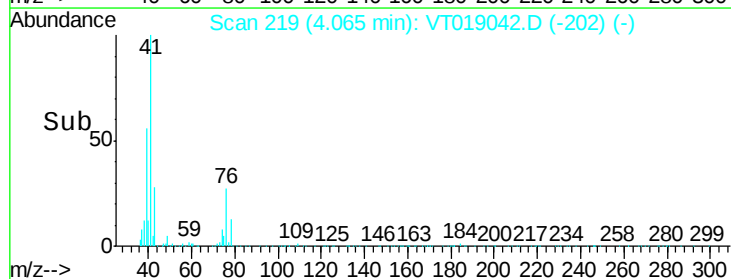
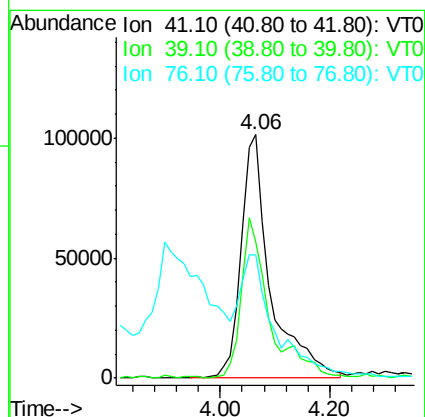
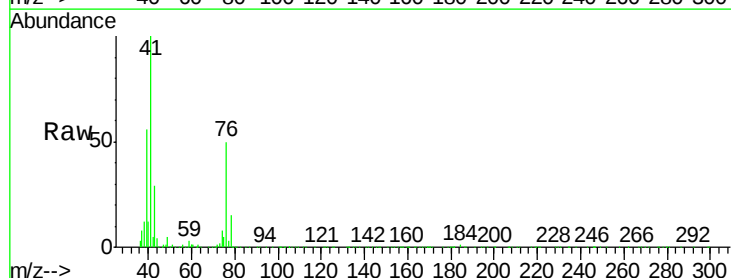
Tgt Ion: 41 Resp: 384328

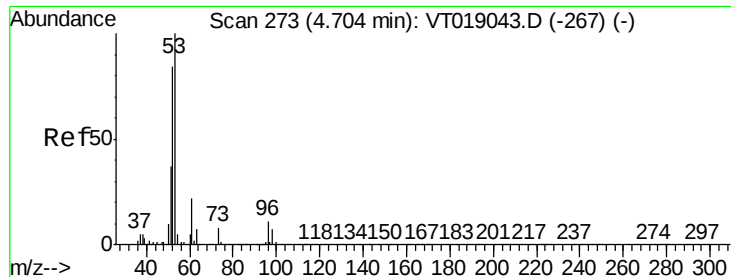
Ion Ratio Lower Upper

41 100

39 55.8 49.5 74.3

76 50.4 44.0 66.0





#15

Acrylonitrile

Concen: 98.57 ug/l

RT: 4.70 min Scan# 273

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

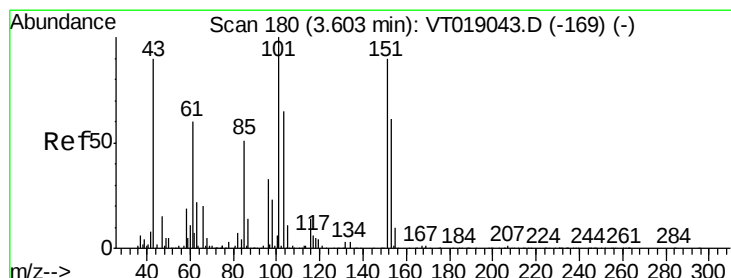
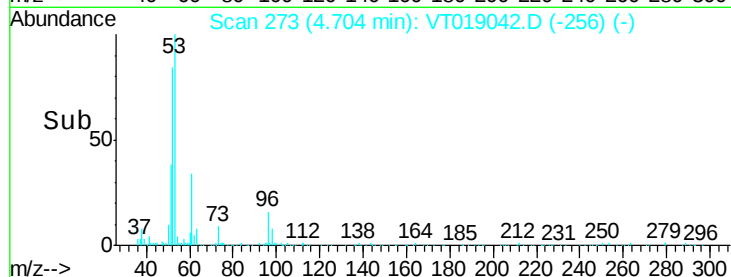
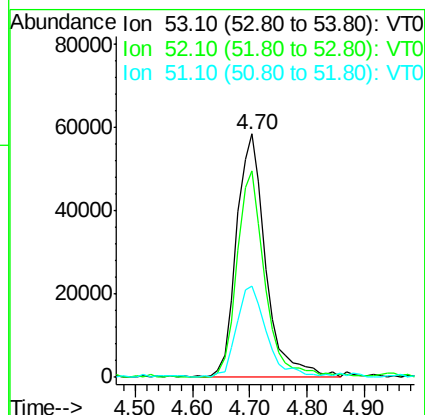
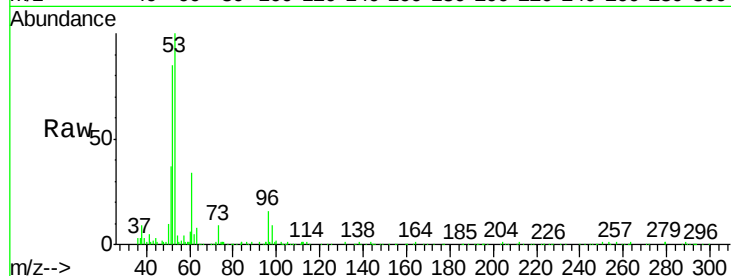
Tgt Ion: 53 Resp: 206311

Ion Ratio Lower Upper

53 100

52 84.6 67.4 101.0

51 37.4 29.6 44.4



#16

Acetone

Concen: 51.11 ug/l

RT: 3.60 min Scan# 180

Delta R.T. -0.00 min

Lab File: VT019042.D

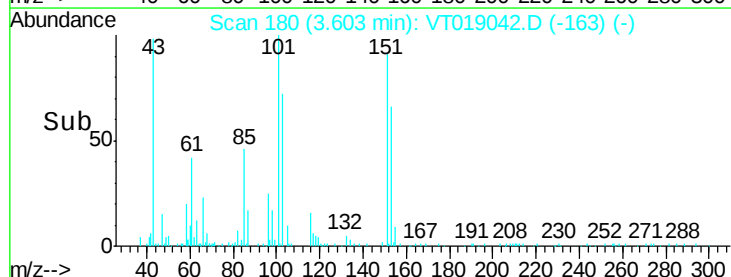
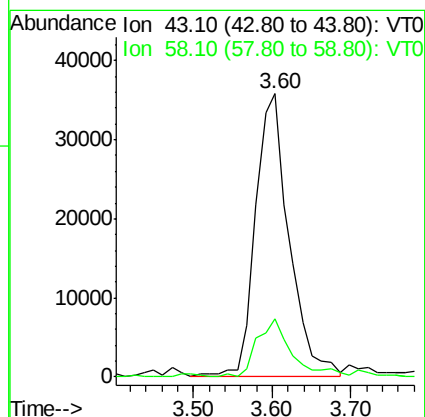
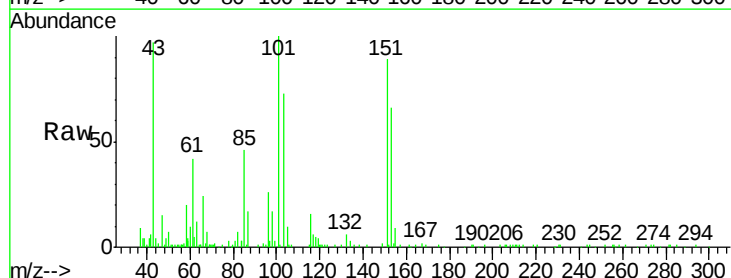
Acq: 8 May 2018 18:17

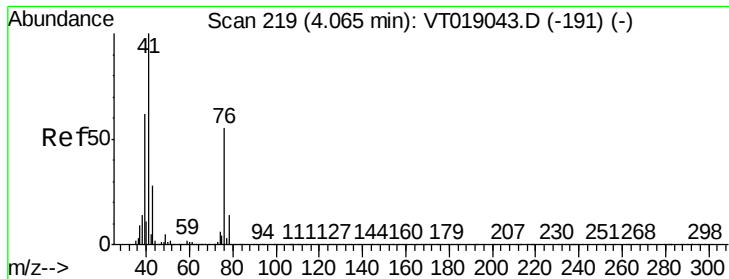
Tgt Ion: 43 Resp: 106818

Ion Ratio Lower Upper

43 100

58 20.4 16.7 25.1

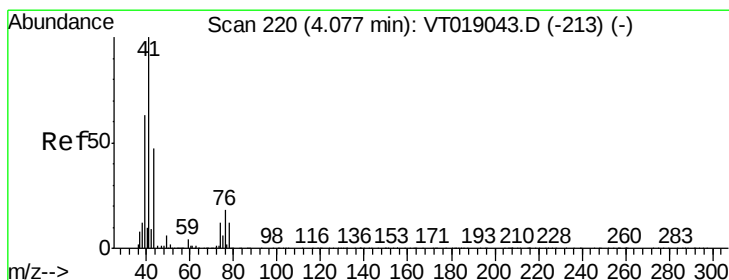
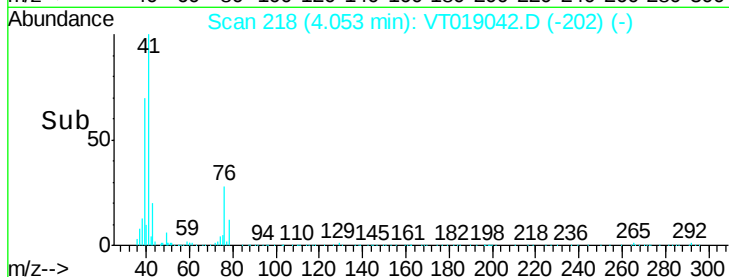
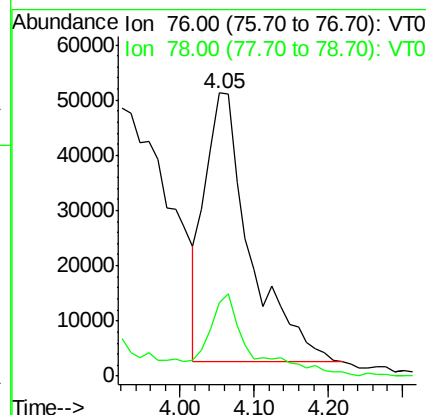
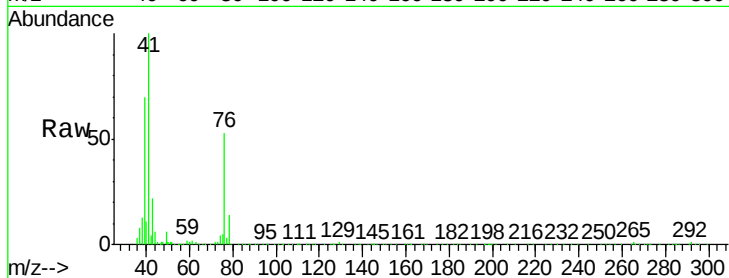




#17
Carbon Disulfide
Concen: 7.47 ug/l
RT: 4.05 min Scan# 218
Delta R.T. -0.01 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

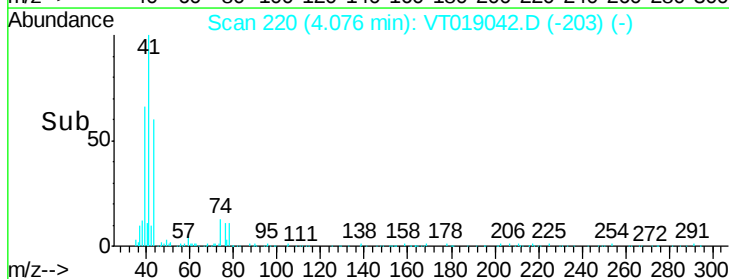
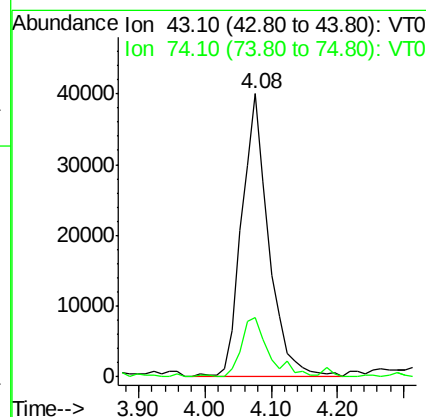
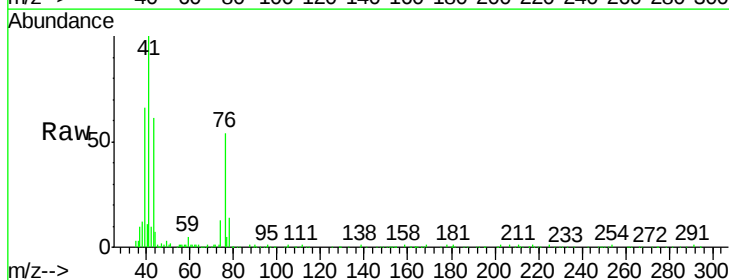
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

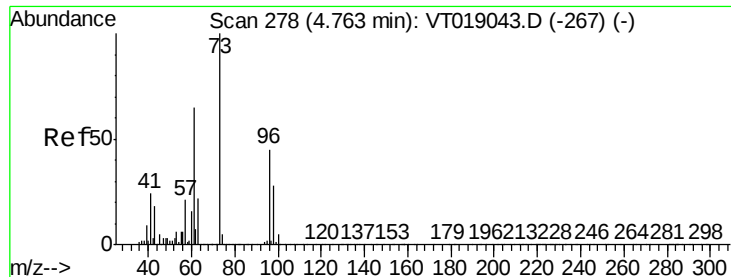
Tgt Ion: 76 Resp: 205341
Ion Ratio Lower Upper
76 100
78 25.7 19.8 29.8



#18
Methyl Acetate
Concen: 12.68 ug/l
RT: 4.08 min Scan# 220
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion: 43 Resp: 113043
Ion Ratio Lower Upper
43 100
74 21.1 19.8 29.8

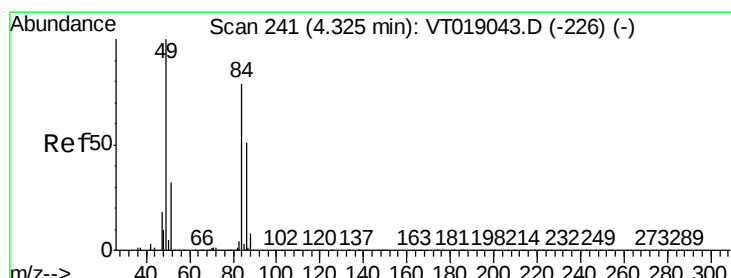
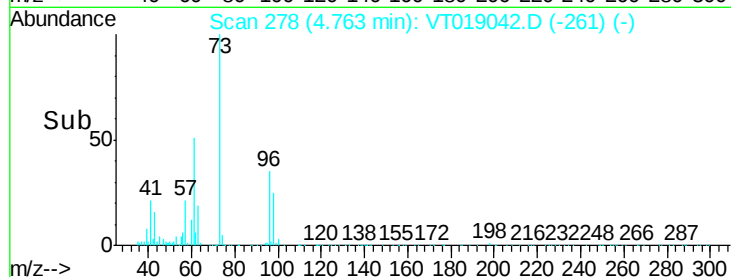
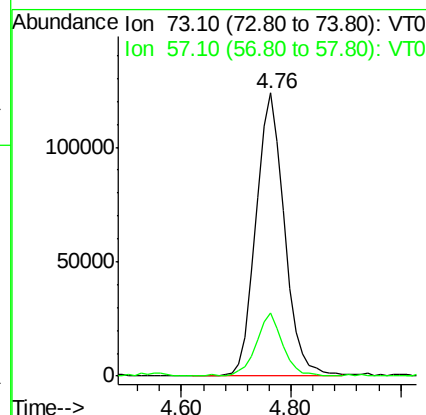
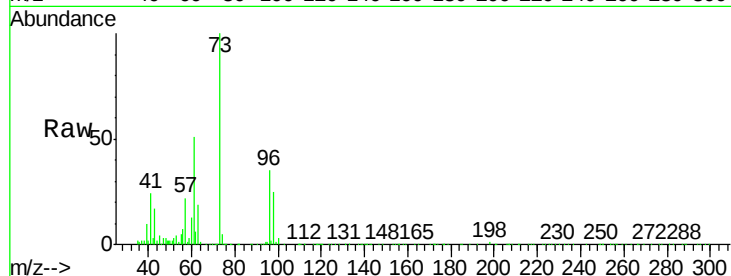




#19
Methyl tert-butyl Ether
Concen: 23.87 ug/l
RT: 4.76 min Scan# 278
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

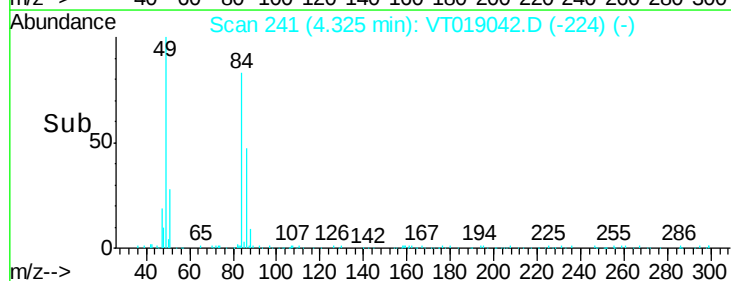
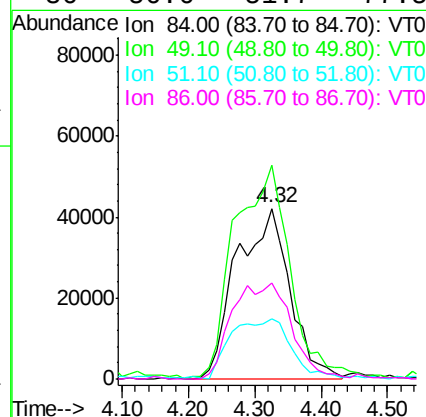
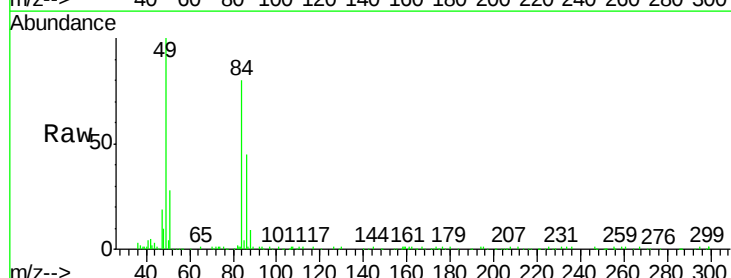
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

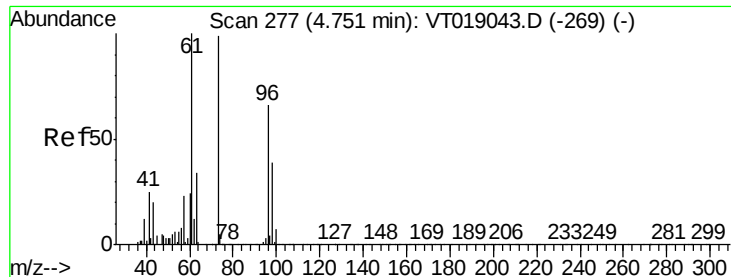
Tgt Ion: 73 Resp: 452141
Ion Ratio Lower Upper
73 100
57 22.2 16.6 25.0



#20
Methylene Chloride
Concen: 20.14 ug/l
RT: 4.32 min Scan# 241
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion: 84 Resp: 234493
Ion Ratio Lower Upper
84 100
49 125.4 103.0 154.4
51 35.1 33.3 49.9
86 56.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 24.13 ug/l

RT: 4.74 min Scan# 276

Delta R.T. -0.01 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

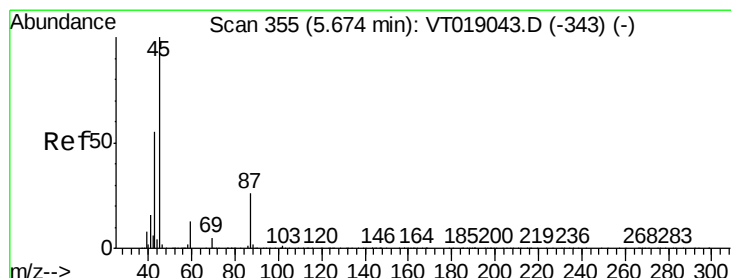
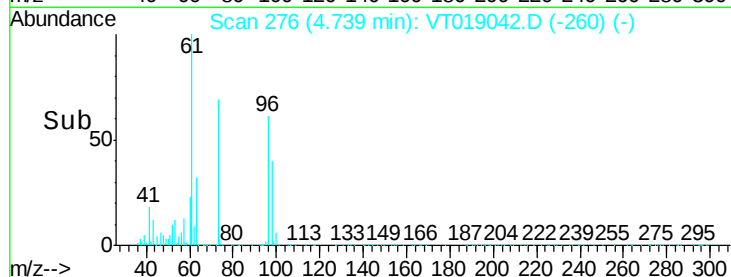
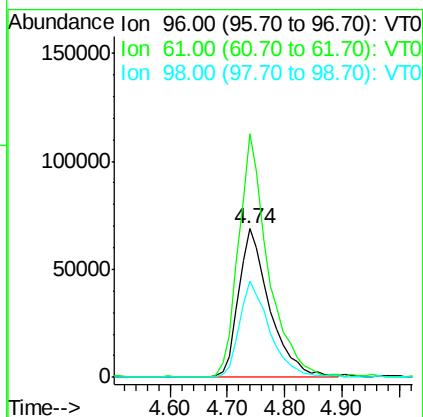
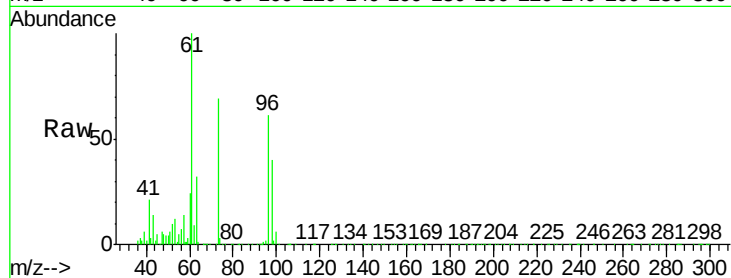
Tgt Ion: 96 Resp: 259419

Ion Ratio Lower Upper

96 100

61 164.1 120.8 181.2

98 65.1 47.4 71.2



#22

Diisopropyl ether

Concen: 24.00 ug/l

RT: 5.67 min Scan# 355

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Tgt Ion: 45 Resp: 741612

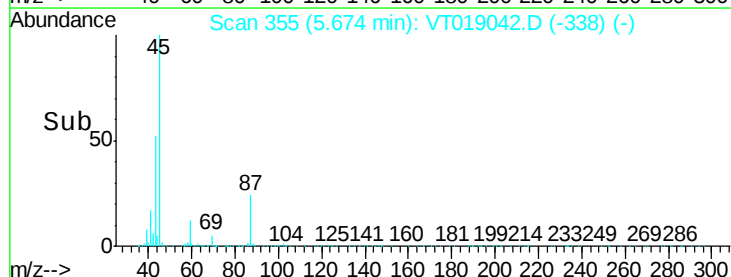
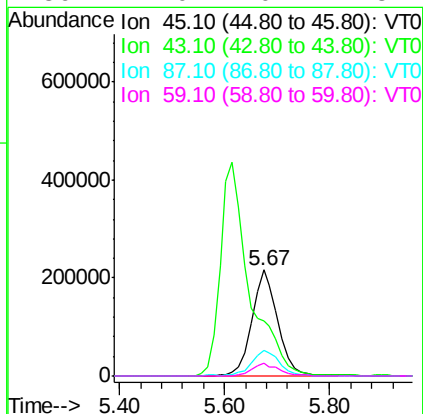
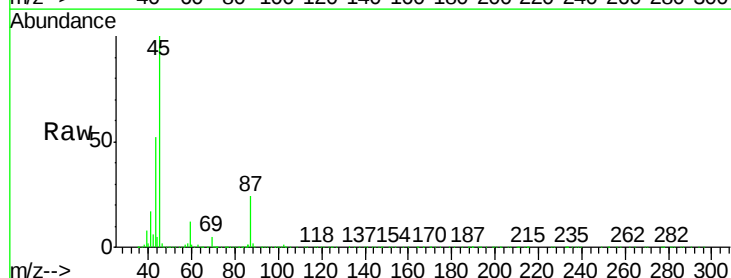
Ion Ratio Lower Upper

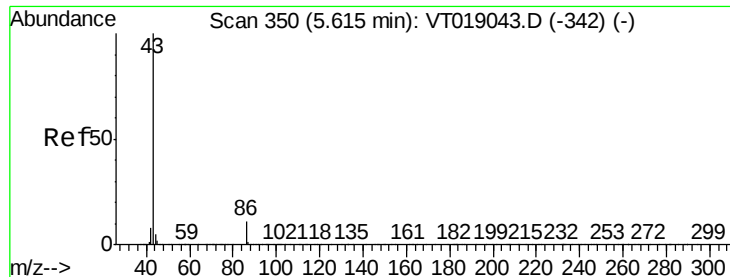
45 100

43 52.0 43.8 65.6

87 24.2 20.8 31.2

59 12.0 10.2 15.4





#23

Vinyl Acetate

Concen: 146.42 ug/l

RT: 5.61 min Scan# 350

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

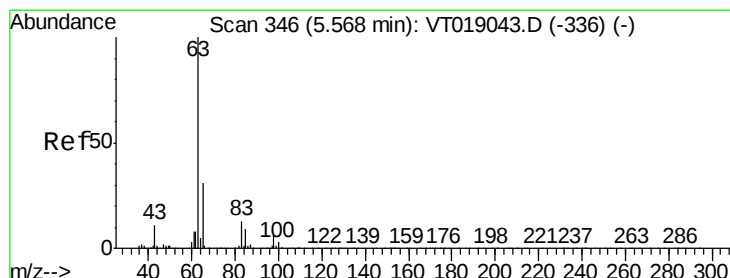
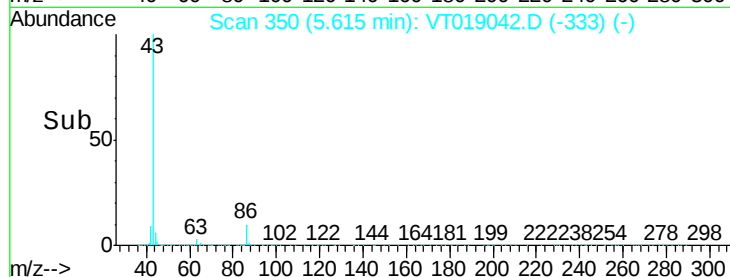
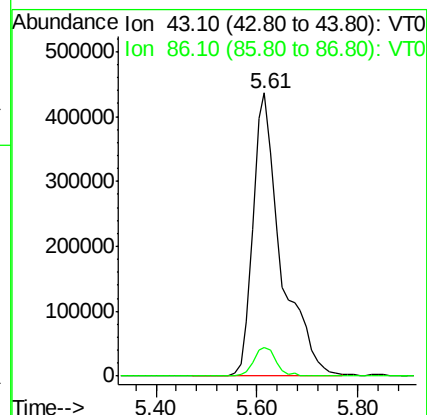
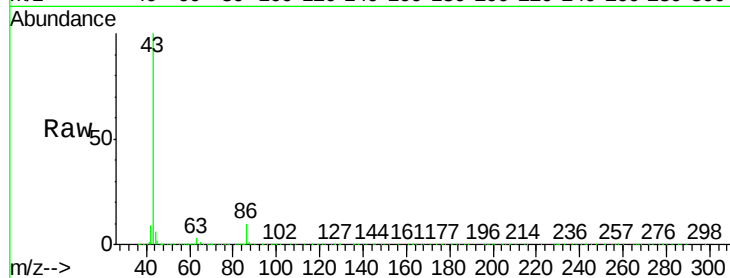
VSTDIC020

Tgt Ion: 43 Resp: 1681365

Ion Ratio Lower Upper

43 100

86 10.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 26.49 ug/l

RT: 5.56 min Scan# 345

Delta R.T. -0.01 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

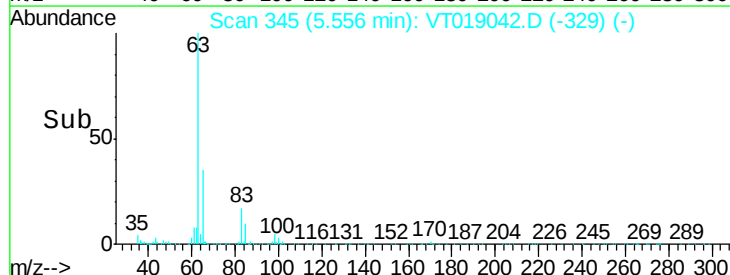
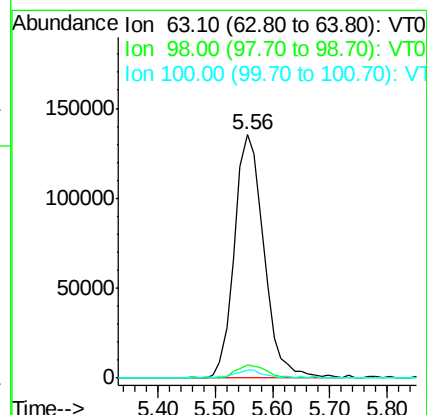
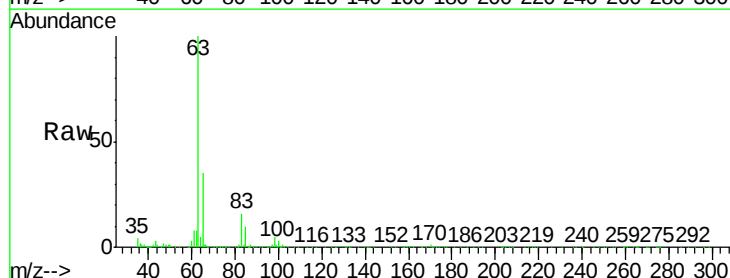
Tgt Ion: 63 Resp: 484130

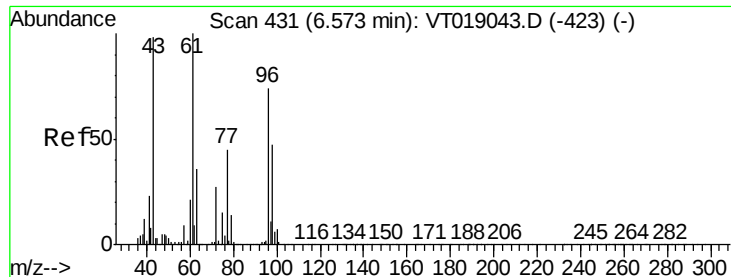
Ion Ratio Lower Upper

63 100

98 5.3 2.8 8.4

100 3.3 1.7 5.1





#25

2-Butanone

Concen: 88.15 ug/l

RT: 6.57 min Scan# 431

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

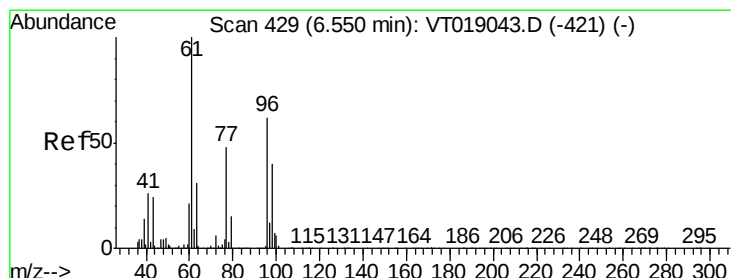
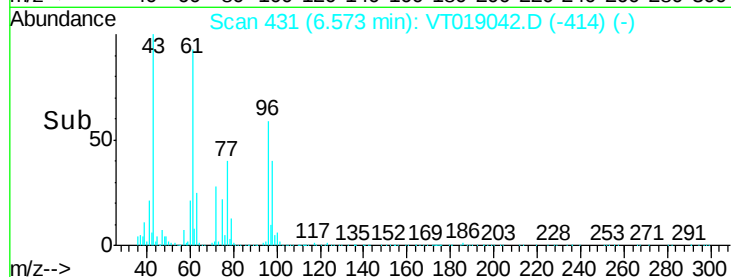
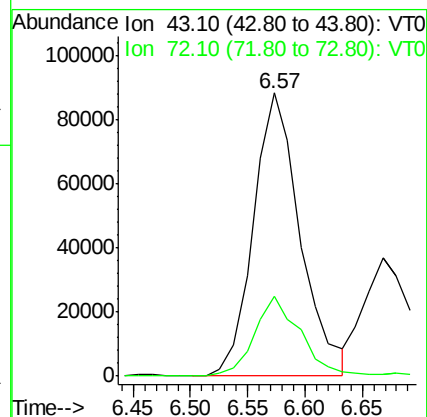
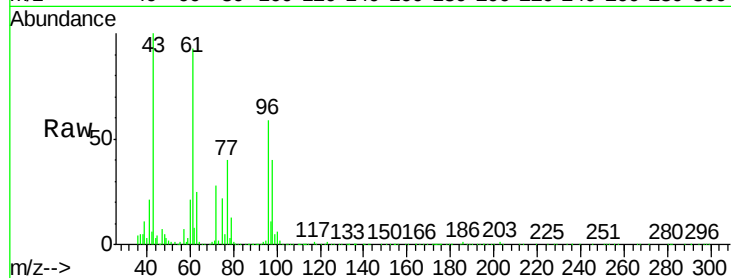
VSTDIC020

Tgt Ion: 43 Resp: 251517

Ion Ratio Lower Upper

43 100

72 28.1 22.1 33.1



#26

2,2-Dichloropropane

Concen: 23.39 ug/l

RT: 6.55 min Scan# 429

Delta R.T. -0.00 min

Lab File: VT019042.D

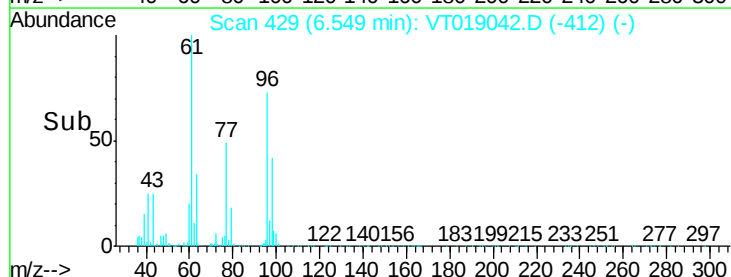
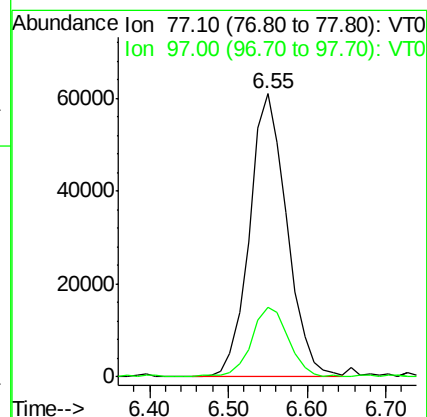
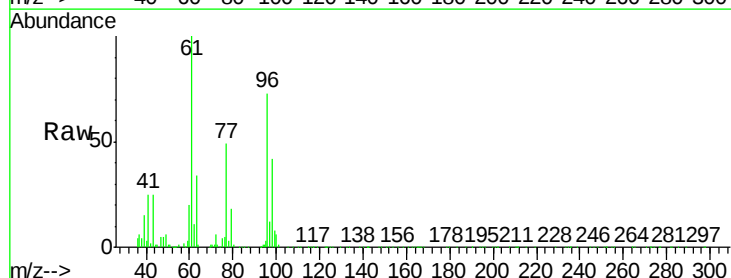
Acq: 8 May 2018 18:17

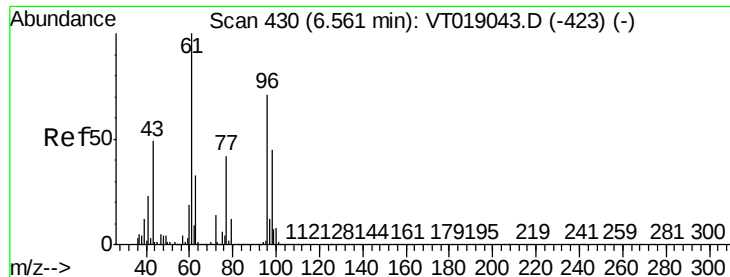
Tgt Ion: 77 Resp: 201231

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.4



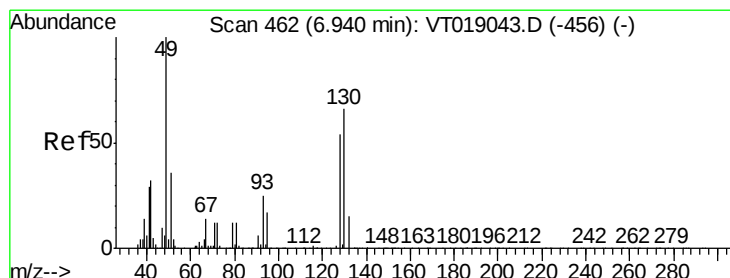
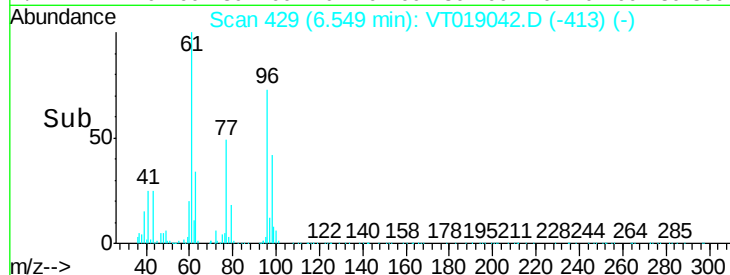
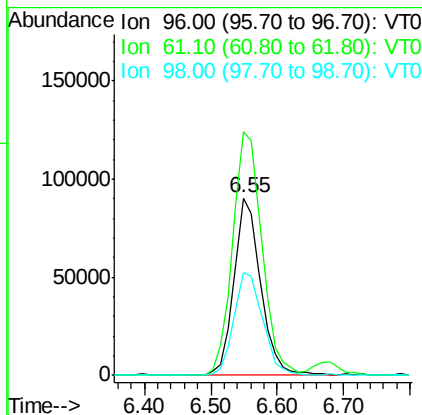
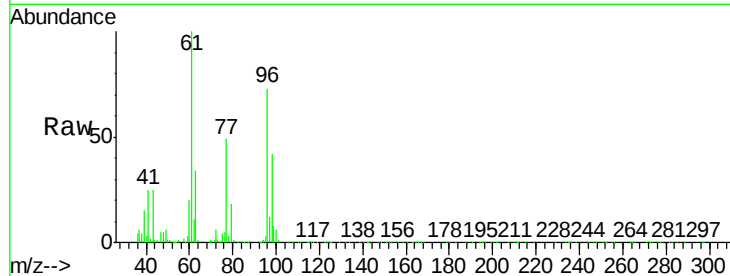


#27

cis-1,2-Dichloroethene
Concen: 24.25 ug/l
RT: 6.55 min Scan# 429
Delta R.T. -0.01 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

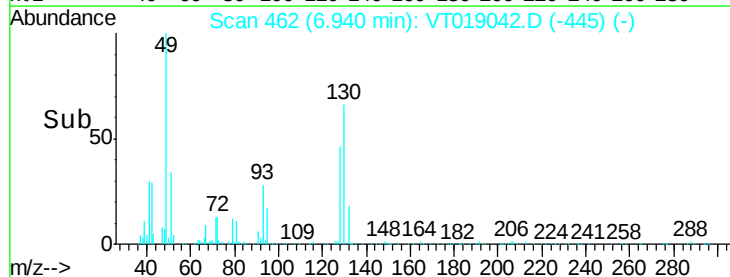
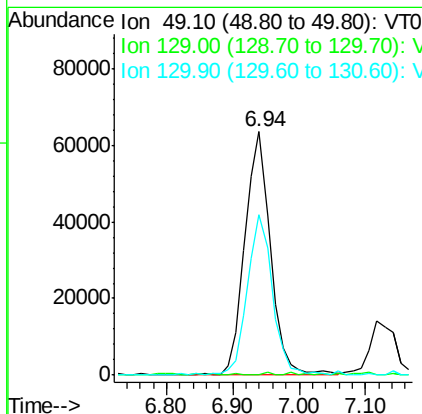
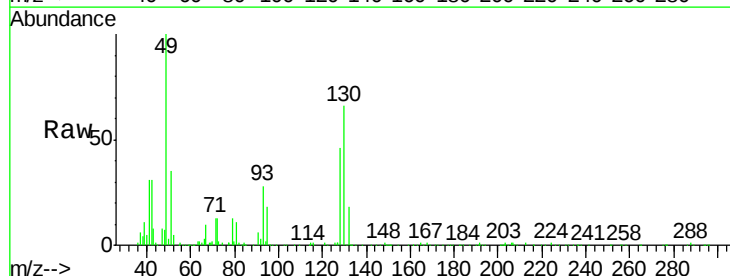
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	282.0
98	57.8	0.0	125.8

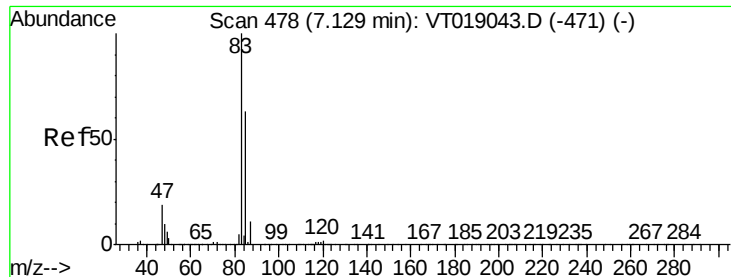


#28

Bromochloromethane
Concen: 22.62 ug/l
RT: 6.94 min Scan# 462
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	66.0	52.4	78.6

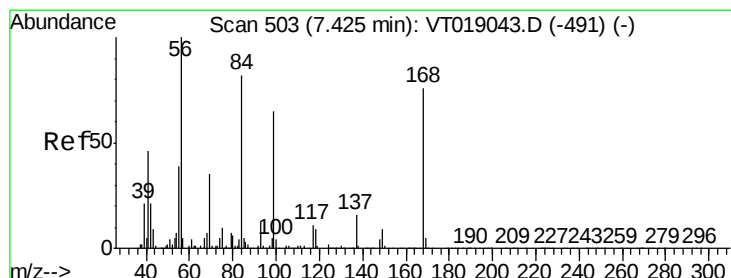
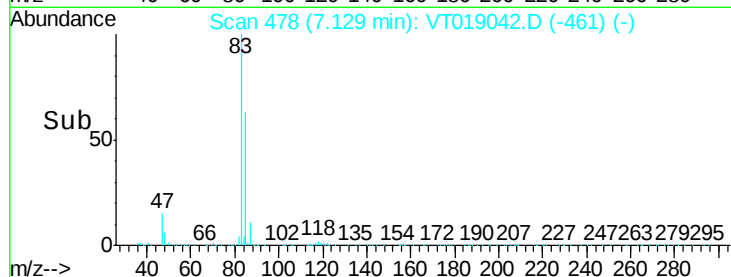
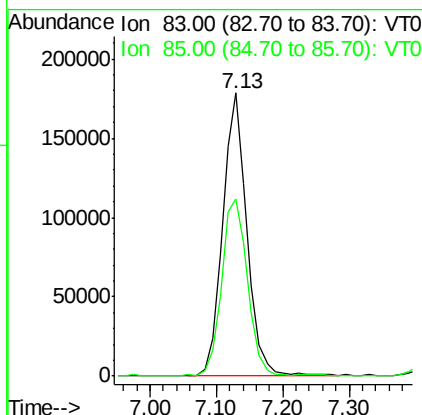
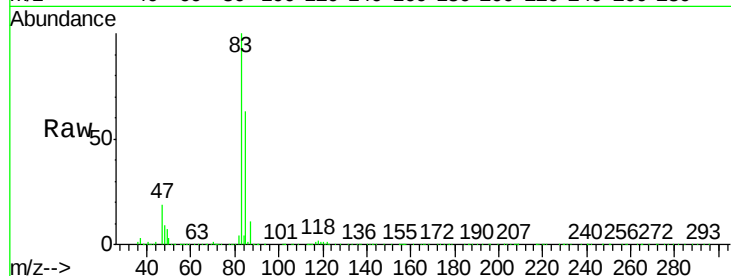




#29
Chloroform
Concen: 27.38 ug/l
RT: 7.13 min Scan# 478
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

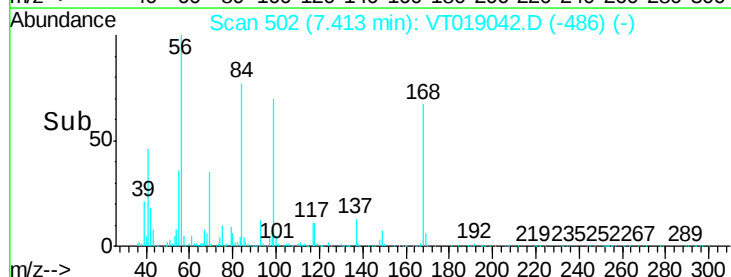
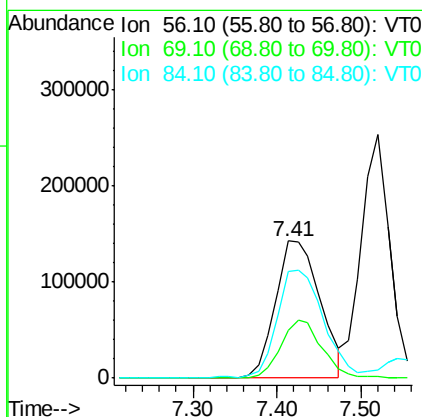
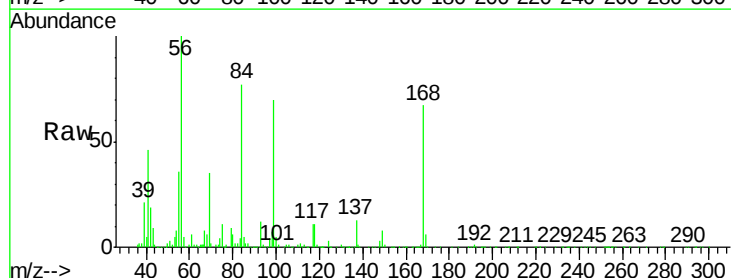
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

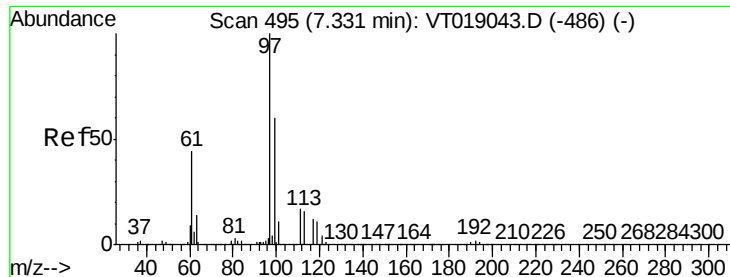
Tgt Ion: 83 Resp: 458266
Ion Ratio Lower Upper
83 100
85 62.6 50.6 76.0



#30
Cyclohexane
Concen: 25.29 ug/l
RT: 7.41 min Scan# 502
Delta R.T. -0.01 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion: 56 Resp: 526078
Ion Ratio Lower Upper
56 100
69 35.2 28.2 42.2
84 77.5 65.6 98.4





#31

1,1,1-Trichloroethane

Concen: 28.26 ug/l

RT: 7.33 min Scan# 495

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

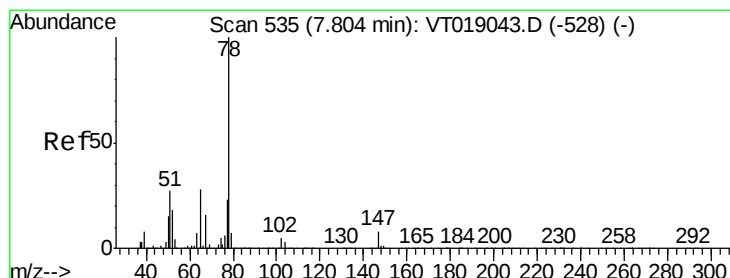
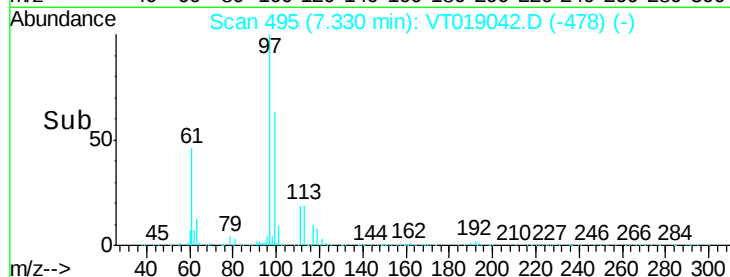
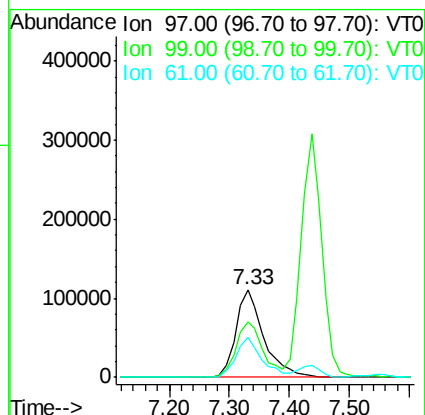
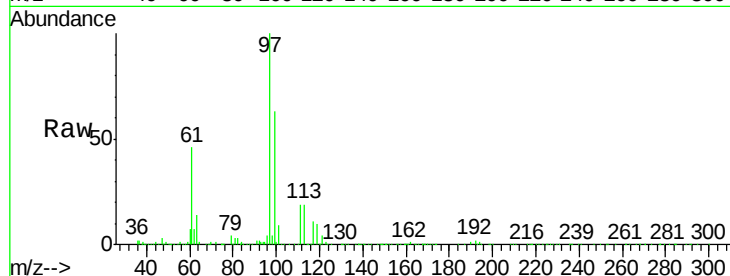
Tgt Ion: 97 Resp: 362000

Ion Ratio Lower Upper

97 100

99 63.5 47.6 71.4

61 45.9 35.3 52.9



#32

1,2-Dichloroethane-d4

Concen: 24.37 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019042.D

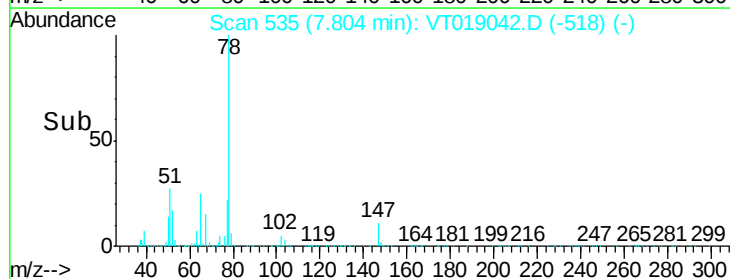
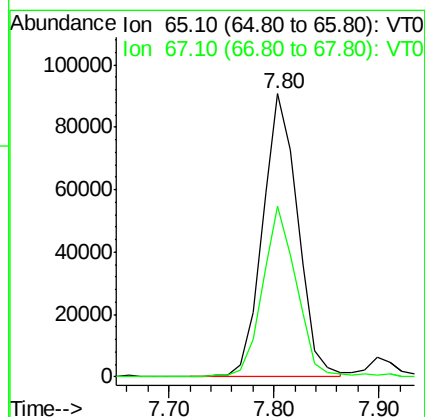
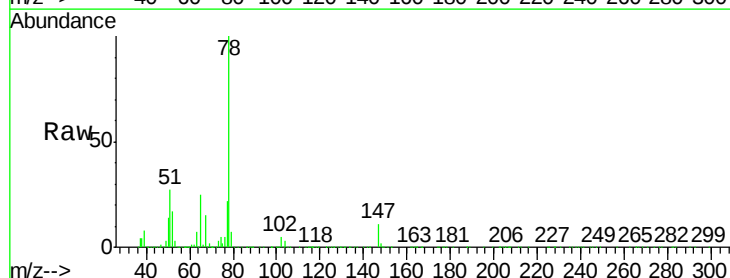
Acq: 8 May 2018 18:17

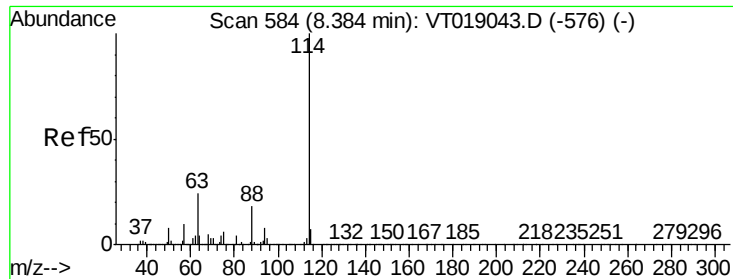
Tgt Ion: 65 Resp: 210934

Ion Ratio Lower Upper

65 100

67 60.4 0.0 114.2

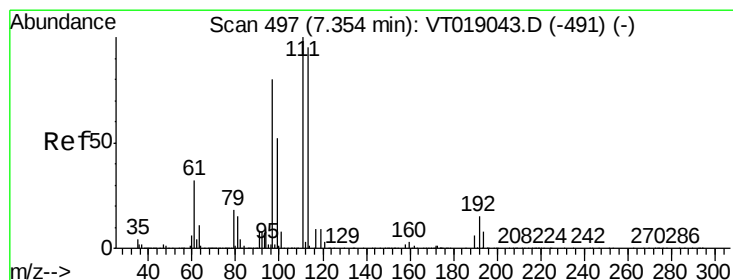
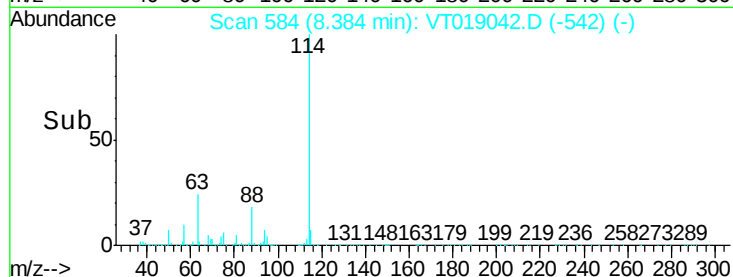
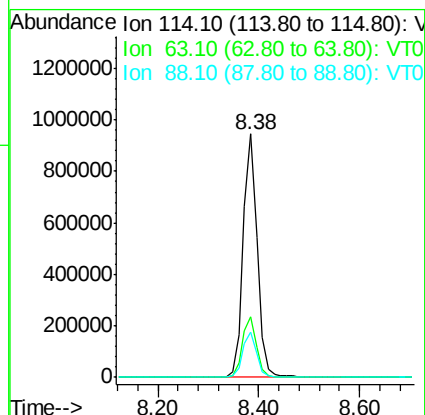
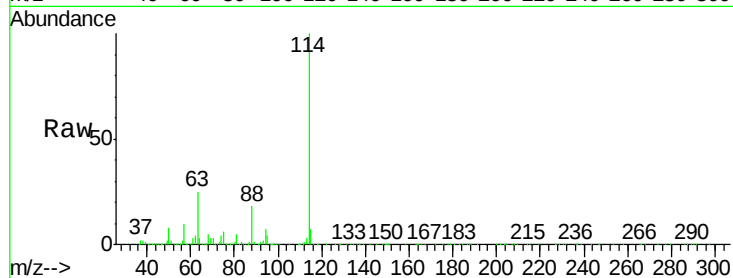




#33
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.38 min Scan# 584
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

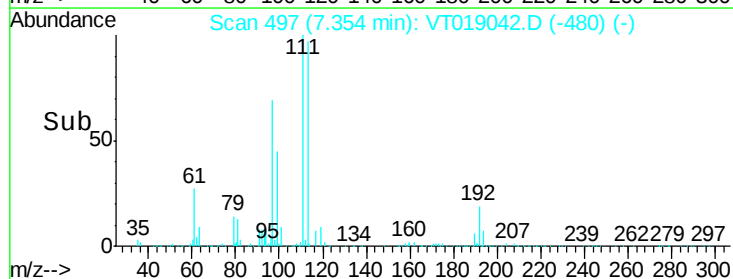
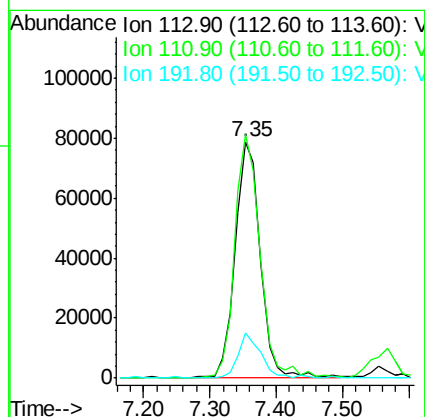
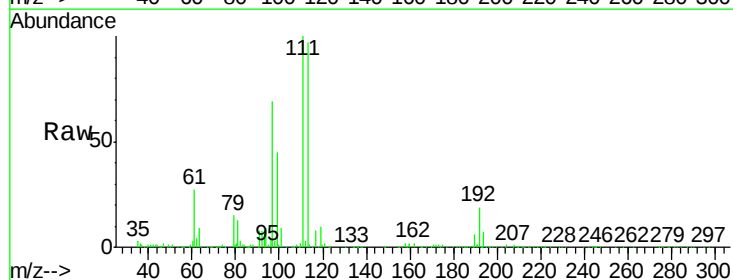
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

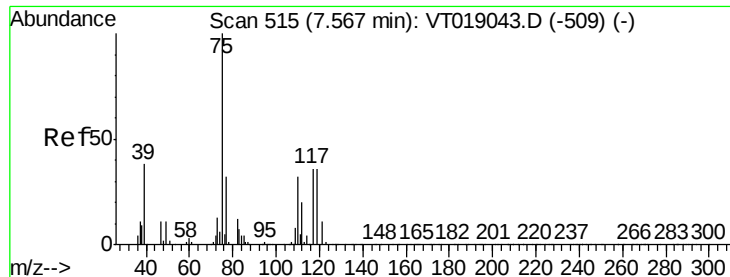
Tgt Ion:114 Resp: 1823934
Ion Ratio Lower Upper
114 100
63 24.7 0.0 48.8
88 18.4 0.0 37.0



#34
Dibromofluoromethane
Concen: 21.29 ug/l
RT: 7.35 min Scan# 497
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion:113 Resp: 210330
Ion Ratio Lower Upper
113 100
111 103.0 84.0 126.0
192 19.2 12.9 19.3





#35

1,1-Dichloropropene

Concen: 23.43 ug/l

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

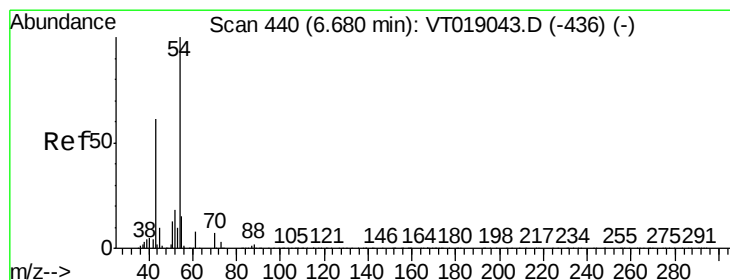
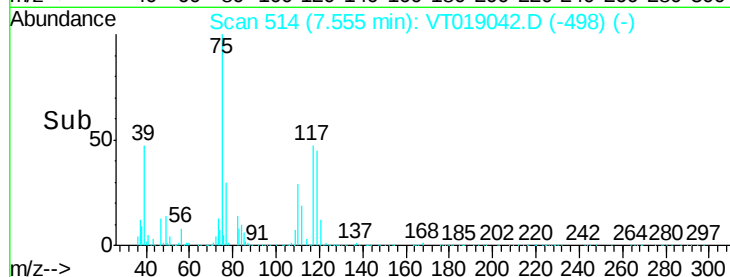
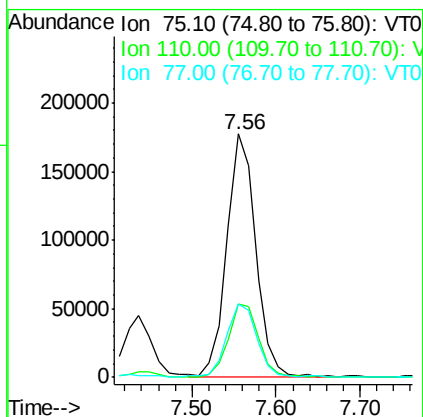
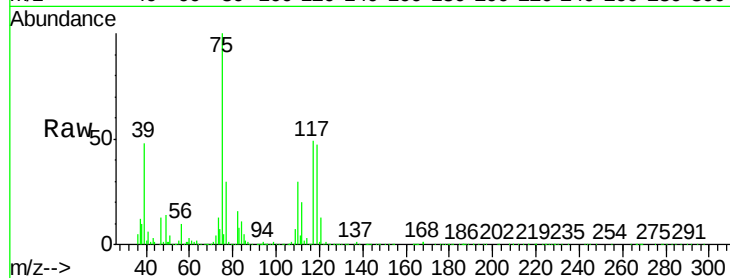
Tgt Ion: 75 Resp: 422176

Ion Ratio Lower Upper

75 100

110 30.0 15.9 47.6

77 30.0 25.9 38.9



#36

Ethyl Acetate

Concen: 16.79 ug/l

RT: 6.67 min Scan# 439

Delta R.T. -0.01 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

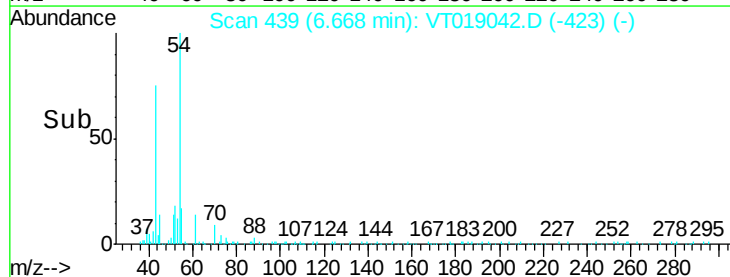
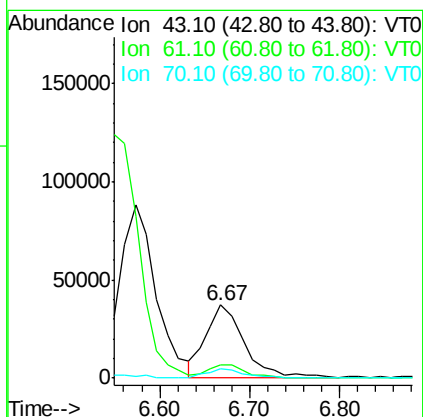
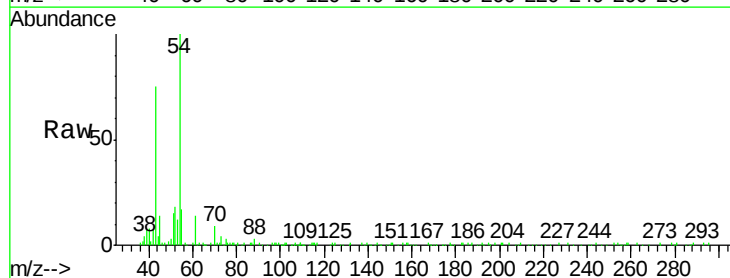
Tgt Ion: 43 Resp: 111865

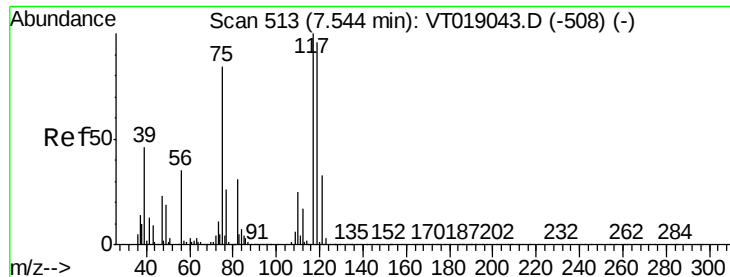
Ion Ratio Lower Upper

43 100

61 18.1 14.2 21.2

70 12.0 8.4 12.6





#37

Carbon Tetrachloride

Concen: 22.40 ug/l

RT: 7.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

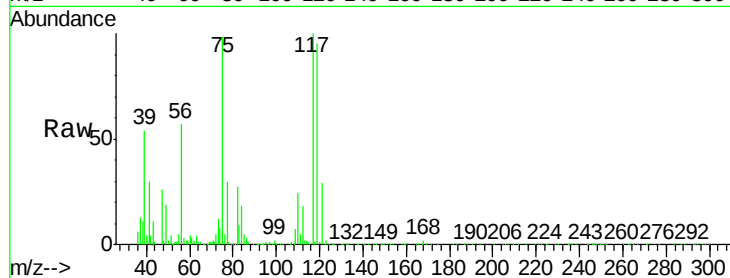
Tgt Ion: 117 Resp: 337765

Ion Ratio Lower Upper

117 100

119 94.6 76.5 114.7

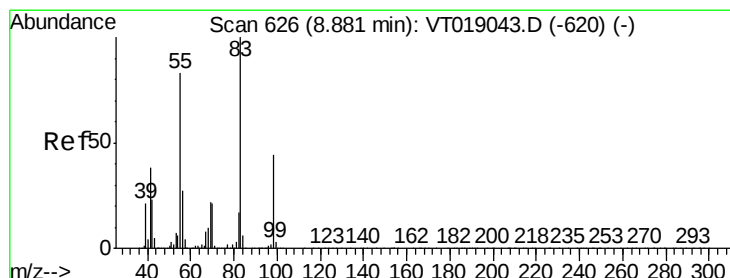
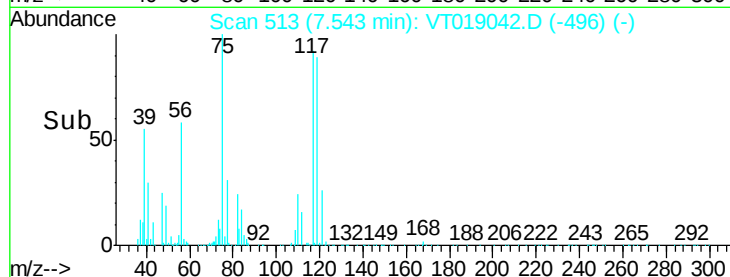
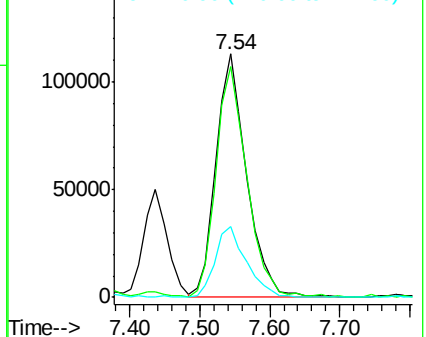
121 28.9 26.0 39.0



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: 22.56 ug/l

RT: 8.88 min Scan# 626

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

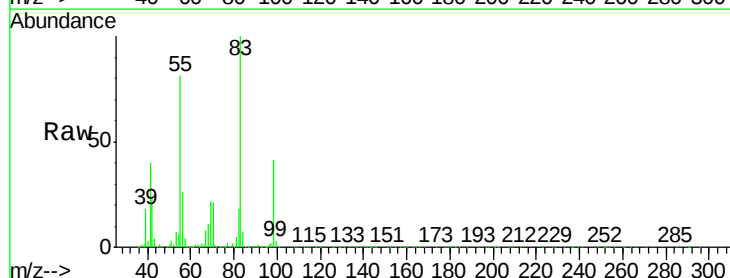
Tgt Ion: 83 Resp: 519476

Ion Ratio Lower Upper

83 100

55 81.0 66.7 100.1

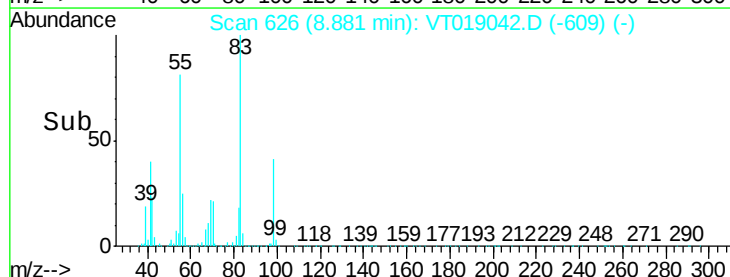
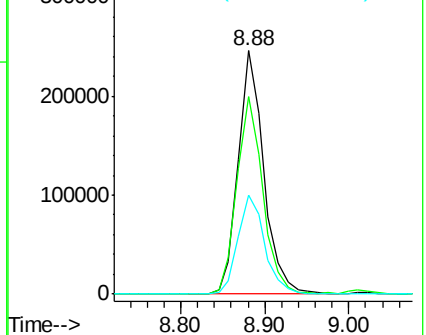
98 40.7 35.5 53.3

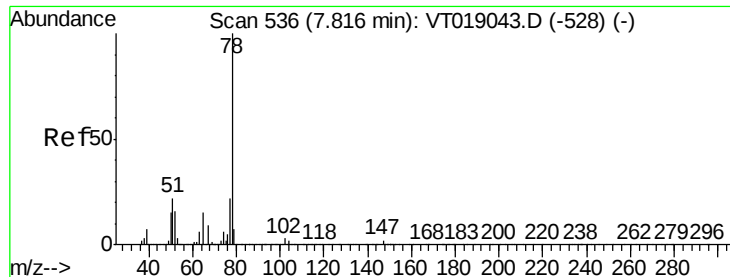


Abundance Ion 83.10 (82.80 to 83.80): VT0

Ion 55.10 (54.80 to 55.80): VT0

Ion 98.10 (97.80 to 98.80): VT0





#39

Benzene

Concen: 23.30 ug/l

RT: 7.82 min Scan# 536

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

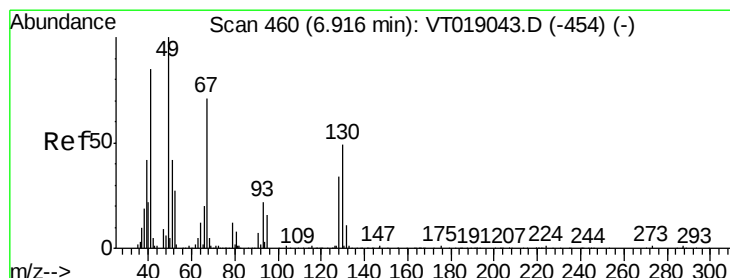
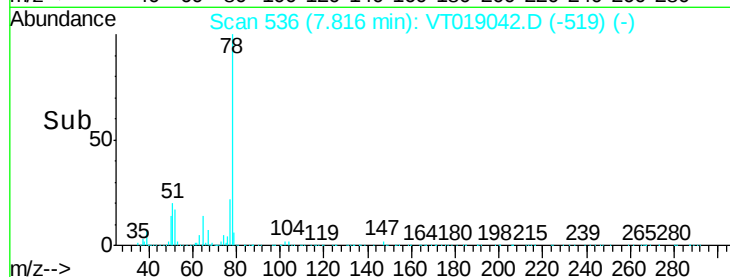
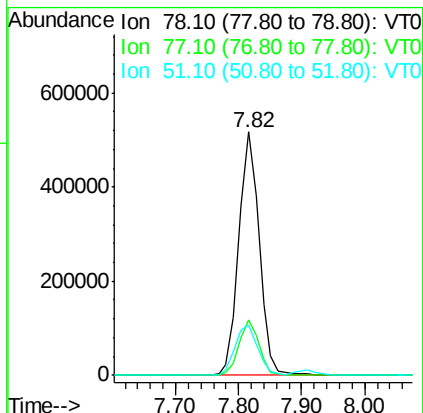
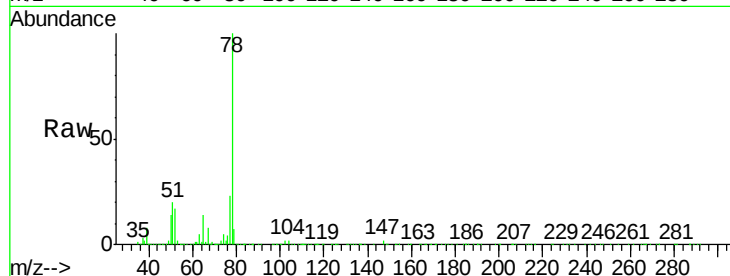
Tgt Ion: 78 Resp: 1160445

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.0	27.0
51	20.5	17.3	25.9

78 100

77 22.7 18.0 27.0

51 20.5 17.3 25.9



#40

Methacrylonitrile

Concen: 36.59 ug/l

RT: 6.95 min Scan# 463

Delta R.T. 0.04 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Tgt Ion: 41 Resp: 143868

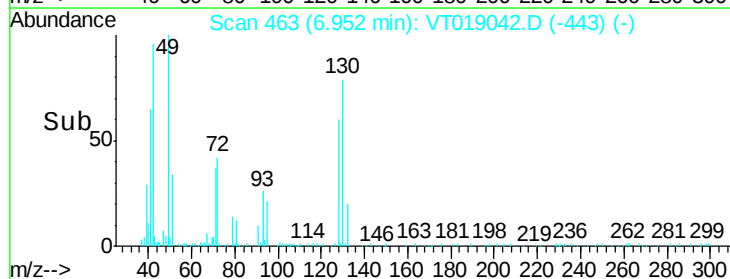
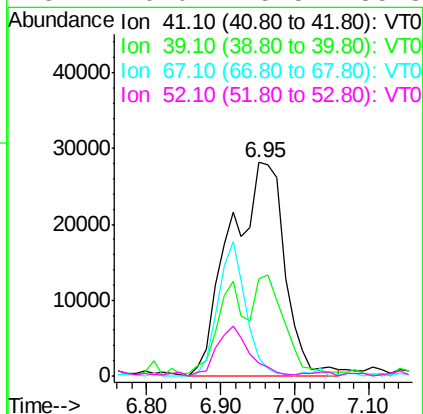
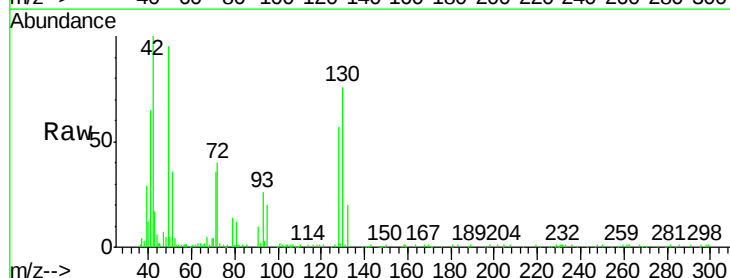
Ion	Ratio	Lower	Upper
41	100		
39	45.6	39.4	59.0
67	8.4	66.8	100.2#
52	6.0	25.5	38.3#

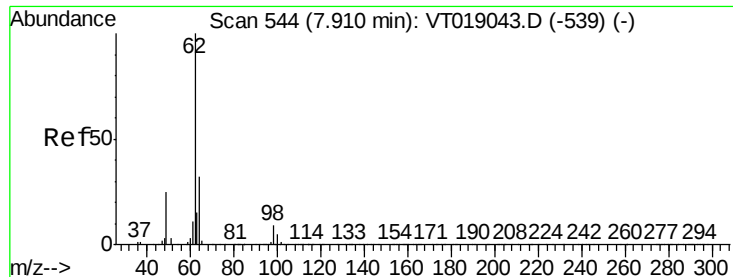
41 100

39 45.6 39.4 59.0

67 8.4 66.8 100.2#

52 6.0 25.5 38.3#





#41

1,2-Dichloroethane

Concen: 19.80 ug/l

RT: 7.90 min Scan# 543

Delta R.T. -0.01 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

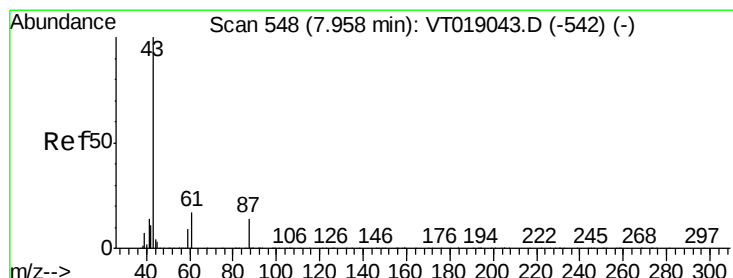
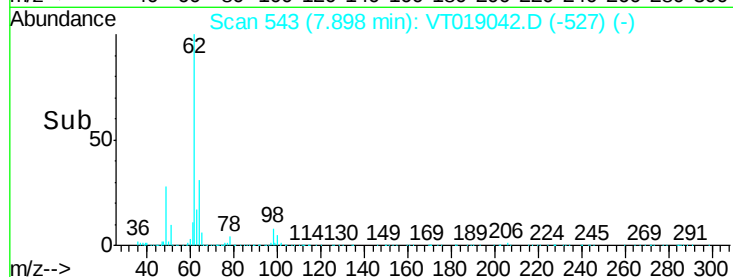
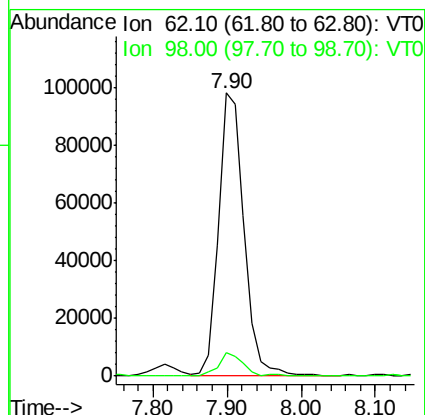
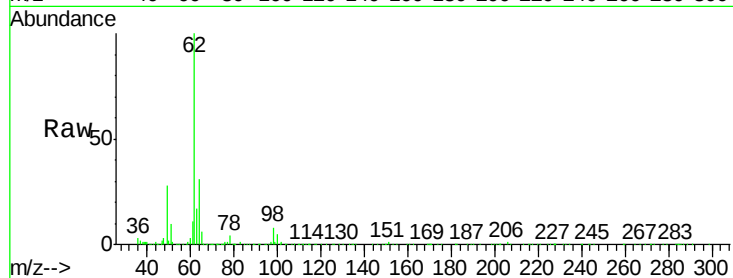
VSTDIC020

Tgt Ion: 62 Resp: 237244

Ion Ratio Lower Upper

62 100

98 8.2 0.0 17.4



#42

Isopropyl Acetate

Concen: 17.30 ug/l

RT: 7.96 min Scan# 548

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

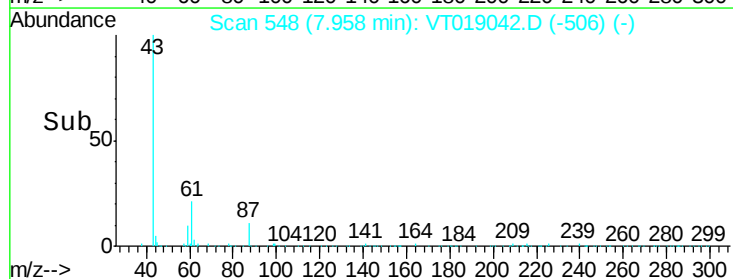
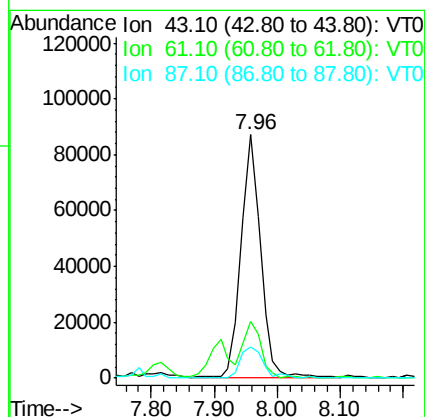
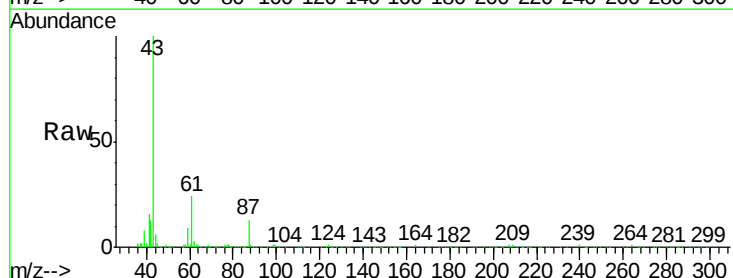
Tgt Ion: 43 Resp: 188934

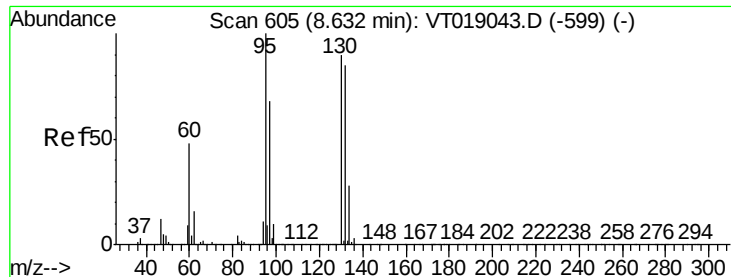
Ion Ratio Lower Upper

43 100

61 23.5 17.9 26.9

87 12.8 11.0 16.6





#43

Trichloroethene

Concen: 20.13 ug/l

RT: 8.63 min Scan# 605

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

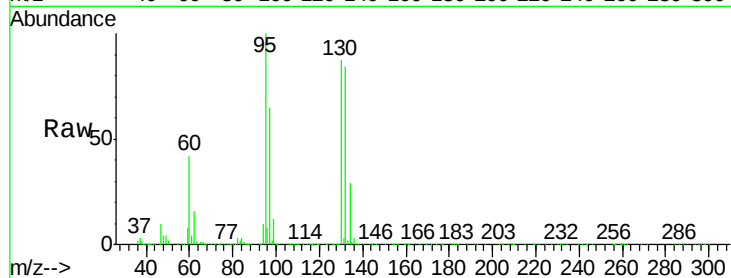
VSTDIC020

Tgt Ion:130 Resp: 254203

Ion Ratio Lower Upper

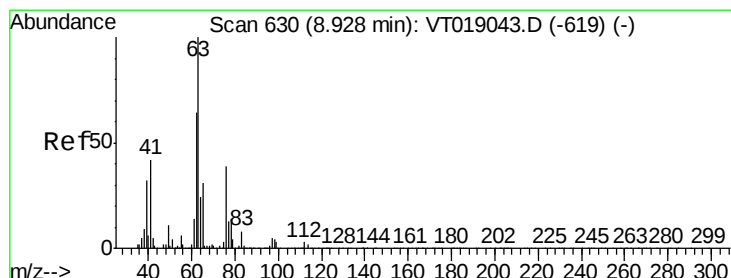
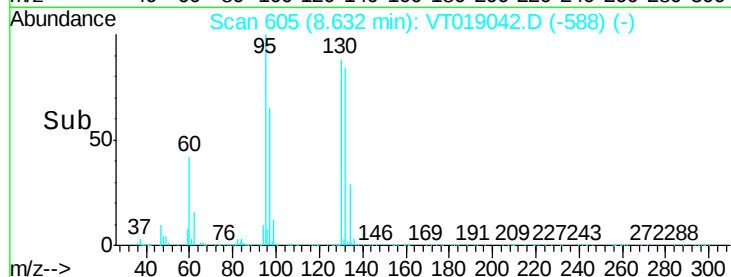
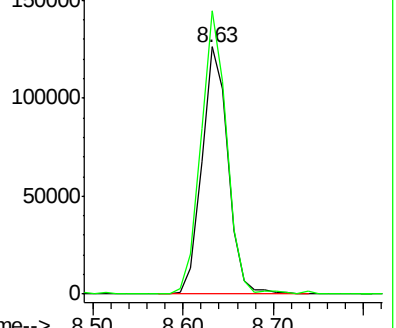
130 100

95 114.5 0.0 222.6



Abundance Ion 129.90 (129.60 to 130.60): VT0

Ion 95.00 (94.70 to 95.70): VT0



#44

1,2-Dichloropropane

Concen: 22.08 ug/l

RT: 8.92 min Scan# 629

Delta R.T. -0.01 min

Lab File: VT019042.D

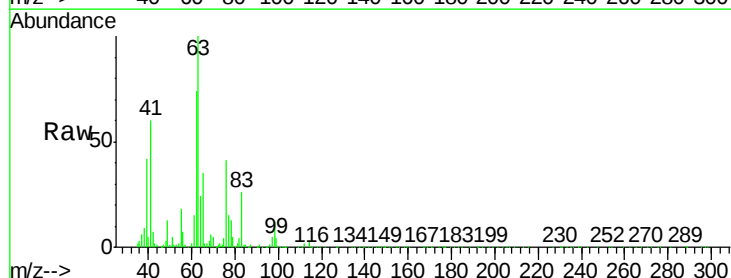
Acq: 8 May 2018 18:17

Tgt Ion: 63 Resp: 254783

Ion Ratio Lower Upper

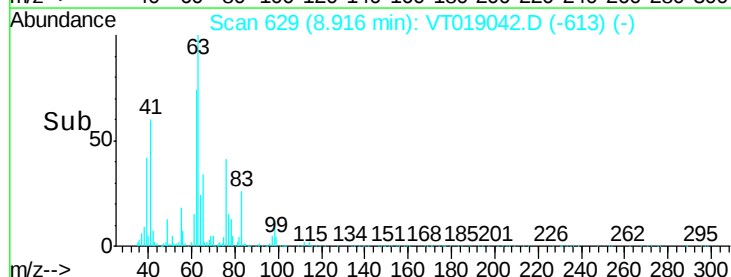
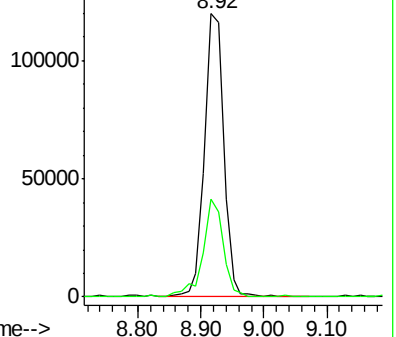
63 100

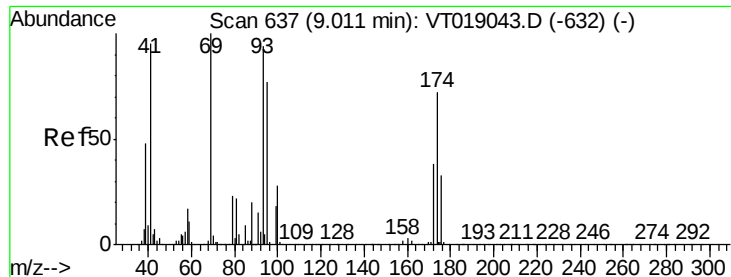
65 34.6 25.0 37.4



Abundance Ion 63.10 (62.80 to 63.80): VT0

Ion 65.10 (64.80 to 65.80): VT0

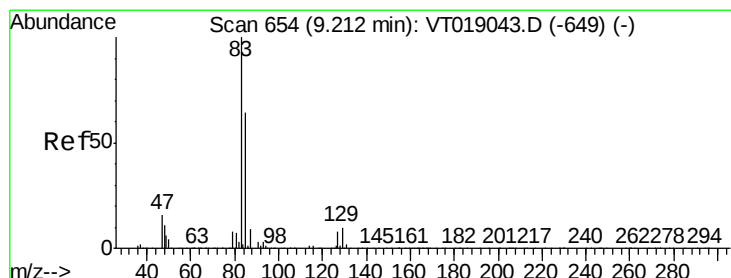
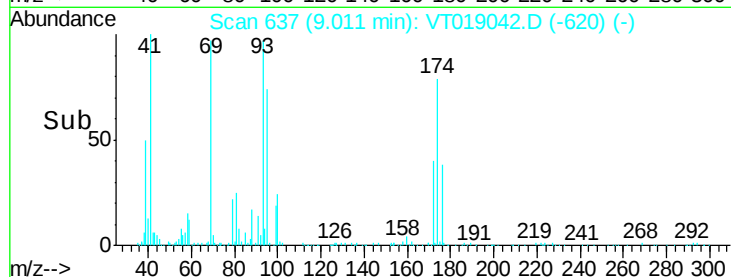
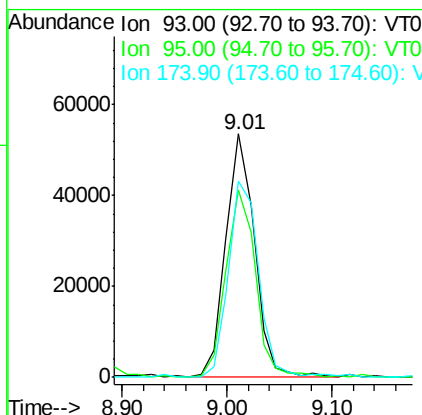
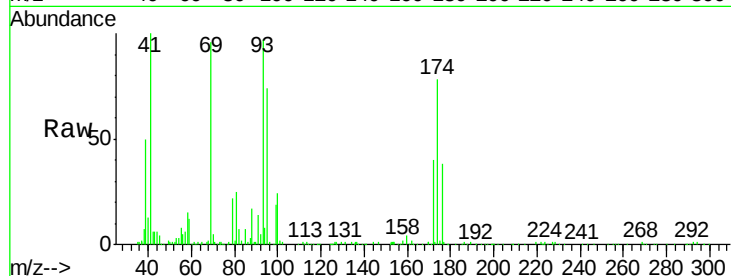




#45
Dibromomethane
Concen: 20.11 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

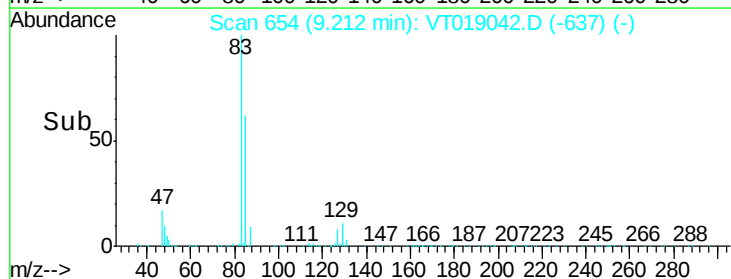
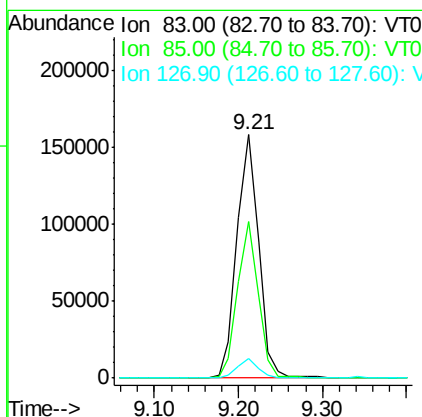
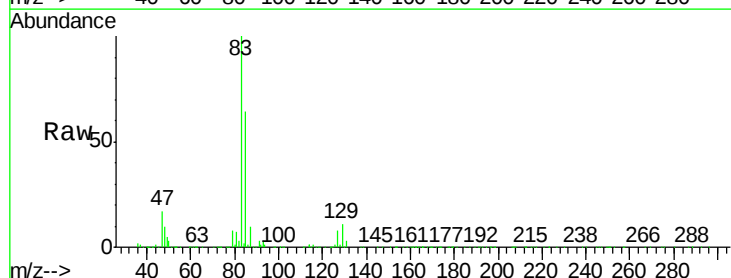
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

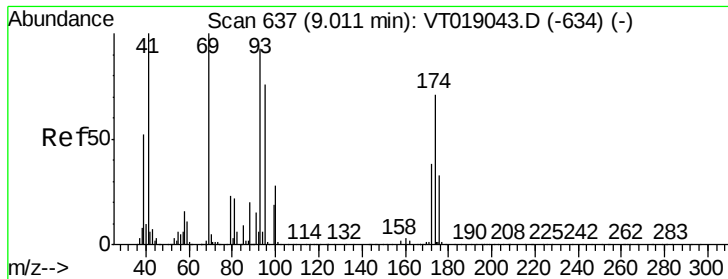
Tgt Ion: 93 Resp: 101879
Ion Ratio Lower Upper
93 100
95 76.9 65.5 98.3
174 80.6 60.9 91.3



#46
Bromodichloromethane
Concen: 21.60 ug/l
RT: 9.21 min Scan# 654
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion: 83 Resp: 284709
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9
127 8.3 6.1 9.1

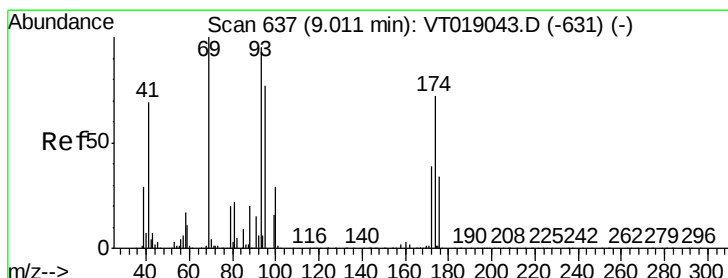
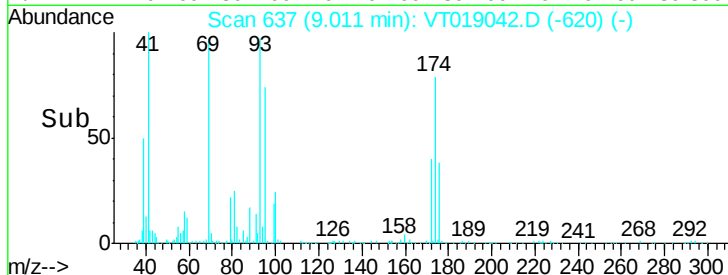
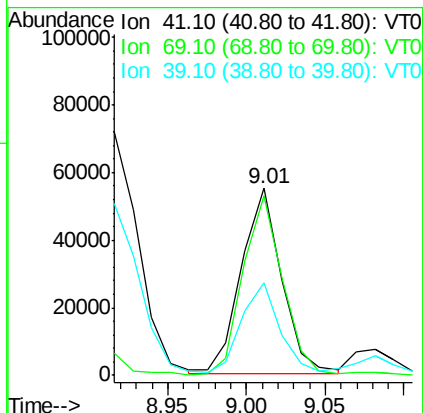
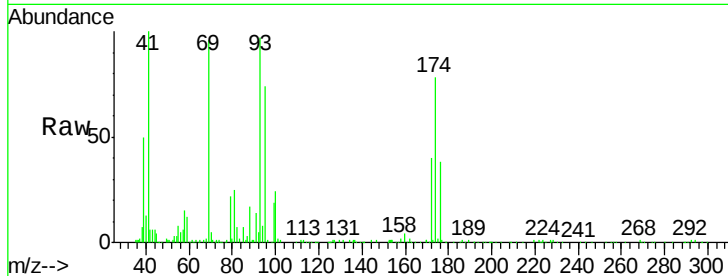




#47
Methyl methacrylate
Concen: 15.90 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

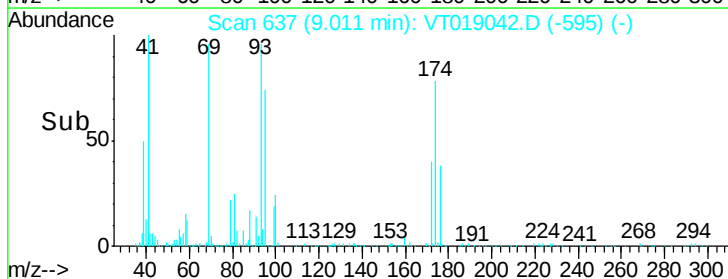
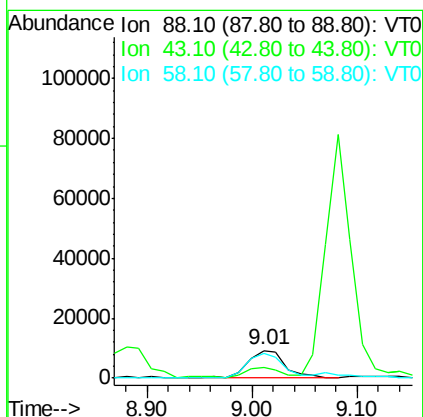
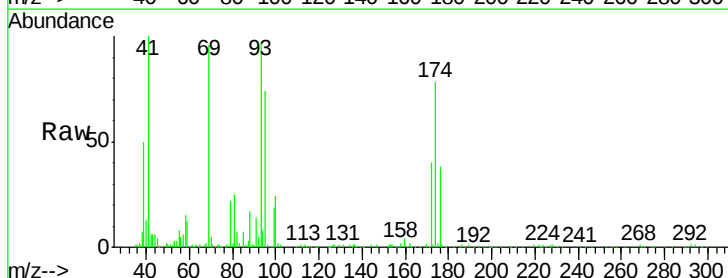
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

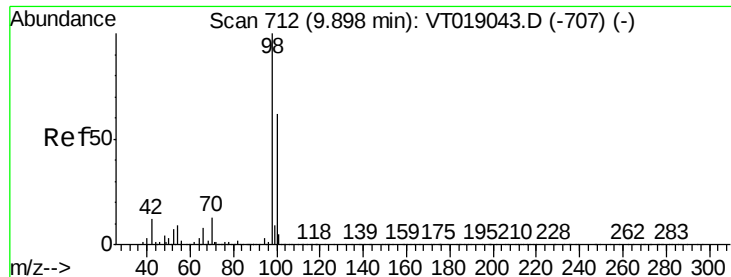
Tgt Ion: 41 Resp: 98486
Ion Ratio Lower Upper
41 100
69 96.0 78.4 117.6
39 49.7 41.4 62.2



#48
1,4-Dioxane
Concen: 334.28 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion: 88 Resp: 22819
Ion Ratio Lower Upper
88 100
43 38.6 30.5 45.7
58 88.4 67.5 101.3





#49

Toluene-d8

Concen: 21.17 ug/l

RT: 9.90 min Scan# 712

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

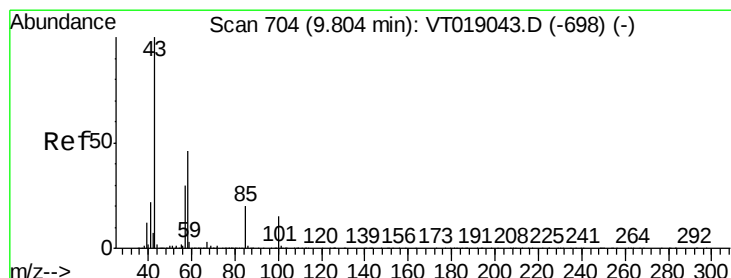
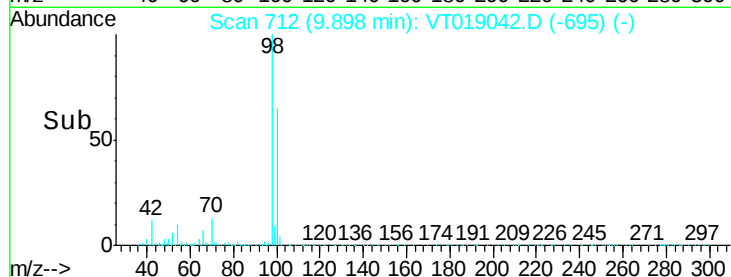
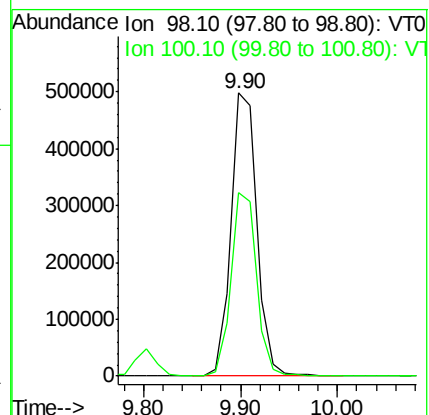
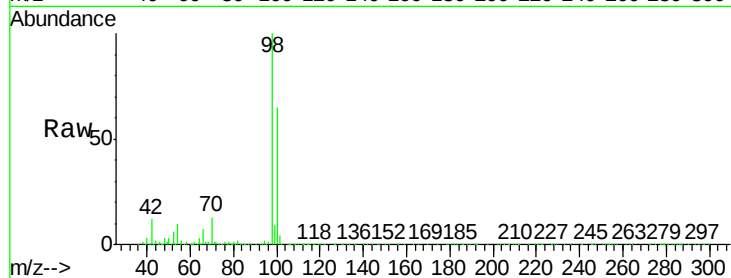
VSTDIC020

Tgt Ion: 98 Resp: 919170

Ion Ratio Lower Upper

98 100

100 64.9 50.0 75.0



#50

4-Methyl-2-Pentanone

Concen: 83.16 ug/l

RT: 9.80 min Scan# 704

Delta R.T. -0.00 min

Lab File: VT019042.D

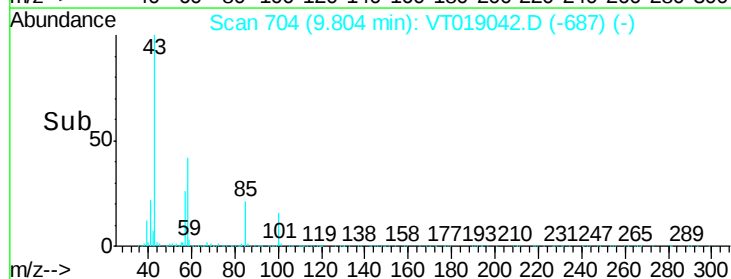
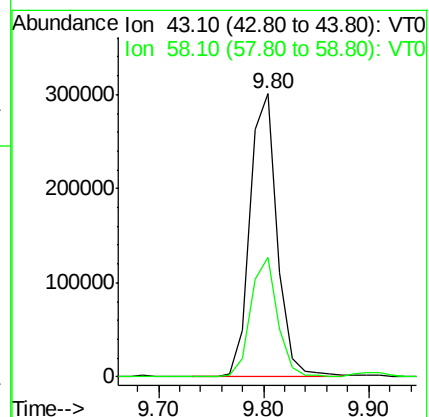
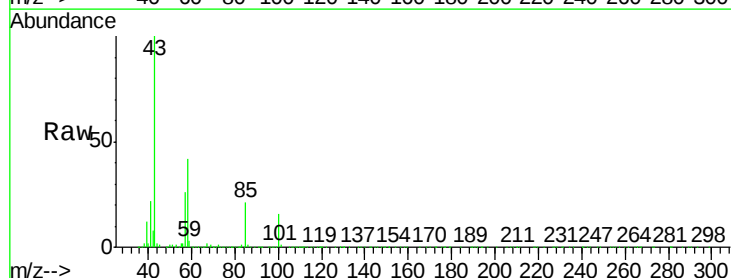
Acq: 8 May 2018 18:17

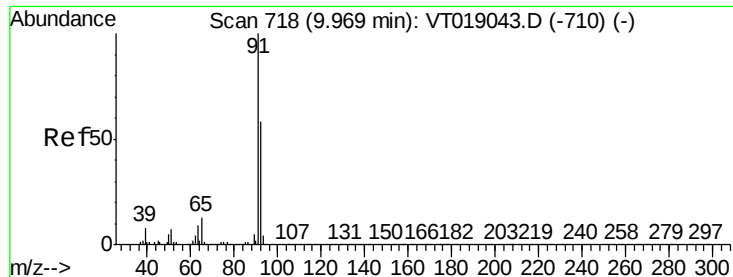
Tgt Ion: 43 Resp: 538763

Ion Ratio Lower Upper

43 100

58 42.3 36.6 54.8





#51

Toluene

Concen: 21.17 ug/l

RT: 9.97 min Scan# 718

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

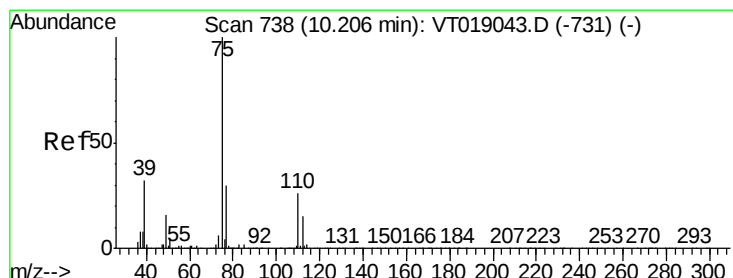
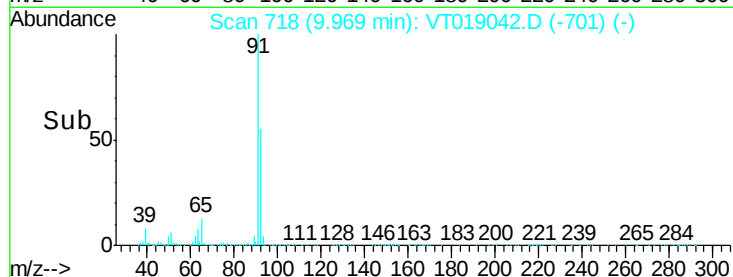
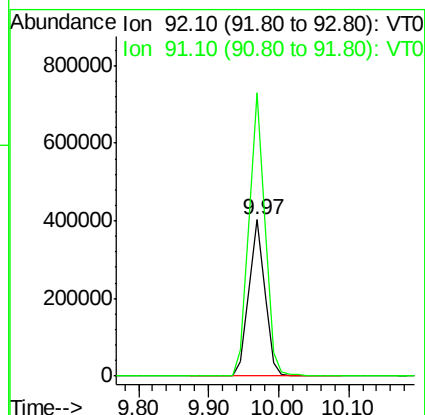
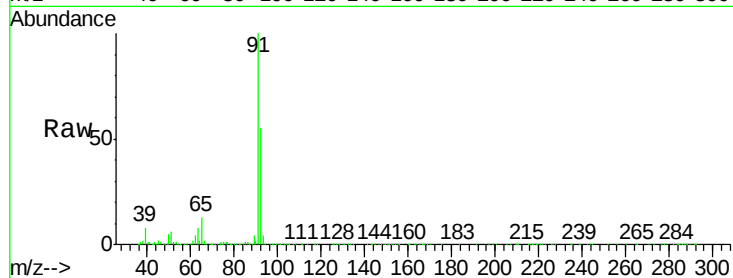
VSTDIC020

Tgt Ion: 92 Resp: 653914

Ion Ratio Lower Upper

92 100

91 181.1 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 20.78 ug/l

RT: 10.19 min Scan# 737

Delta R.T. -0.01 min

Lab File: VT019042.D

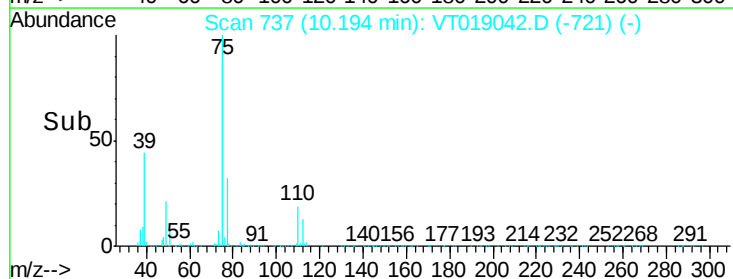
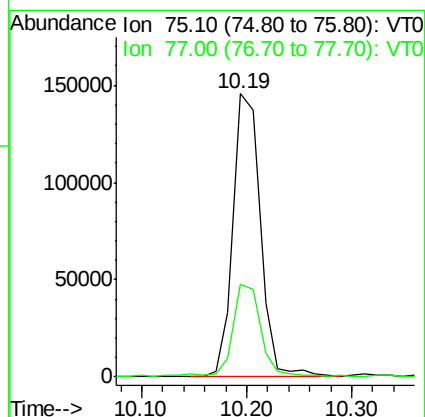
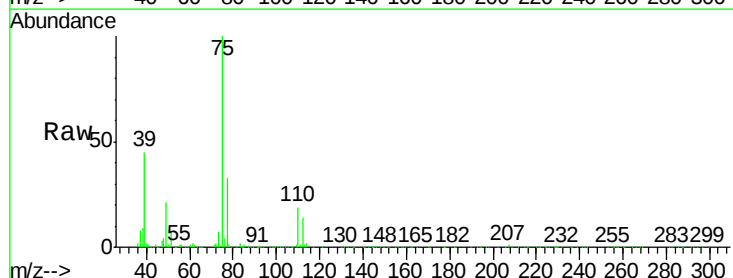
Acq: 8 May 2018 18:17

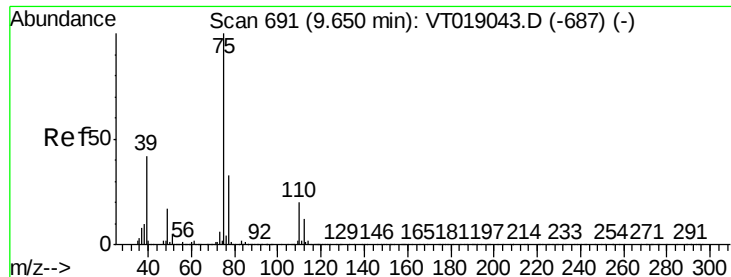
Tgt Ion: 75 Resp: 263978

Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8





#53

cis-1,3-Dichloropropene

Concen: 20.92 ug/l

RT: 9.65 min Scan# 691

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

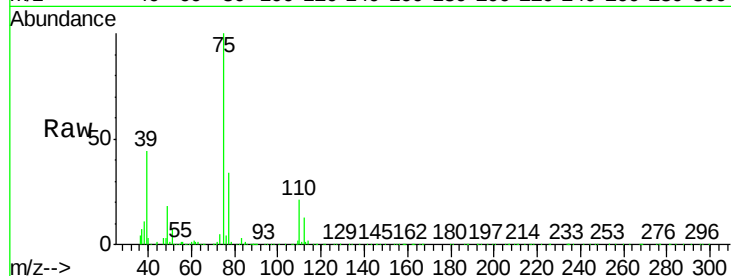
Tgt Ion: 75 Resp: 335436

Ion Ratio Lower Upper

75 100

77 34.3 26.6 39.8

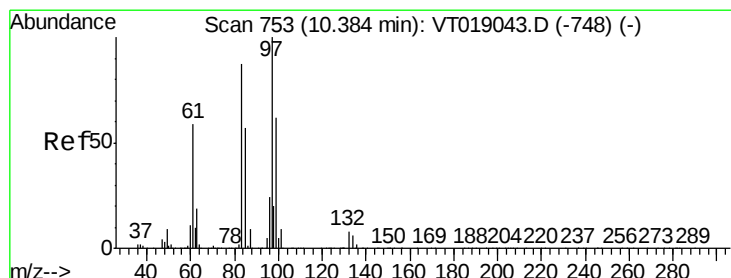
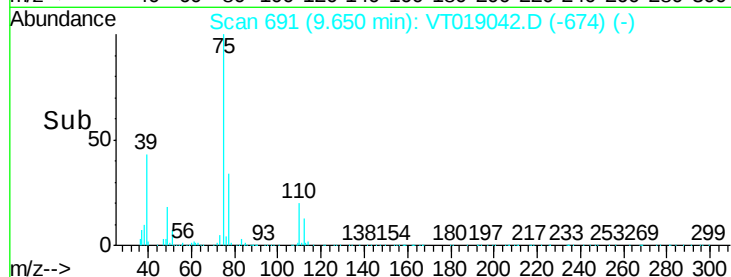
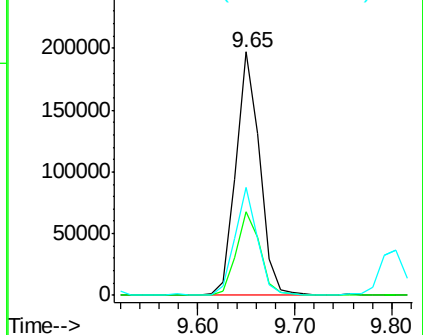
39 44.4 34.1 51.1



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: 20.74 ug/l

RT: 10.38 min Scan# 753

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Tgt Ion: 97 Resp: 156904

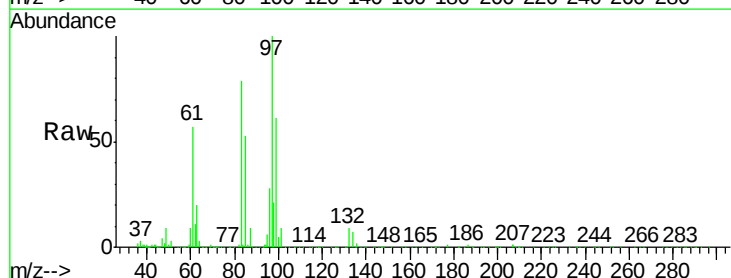
Ion Ratio Lower Upper

97 100

83 78.9 69.7 104.5

85 52.8 46.1 69.1

99 60.7 49.6 74.4

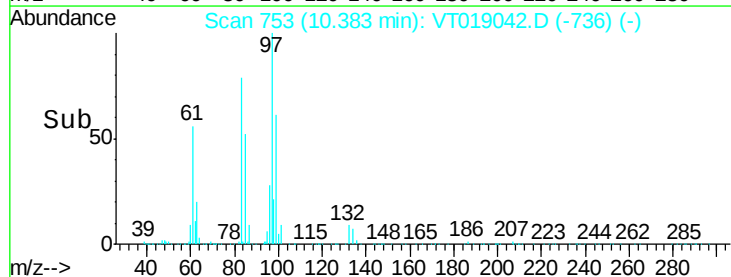
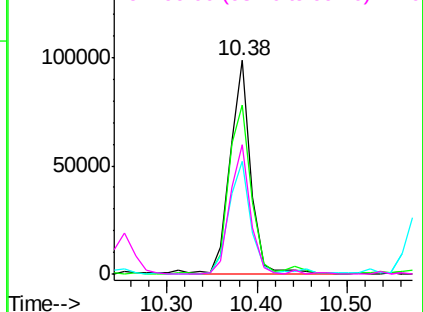


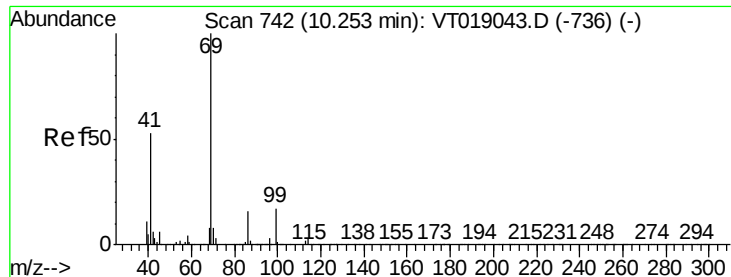
Abundance Ion 97.00 (96.70 to 97.70): VT0

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: 20.79 ug/l

RT: 10.25 min Scan# 742

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

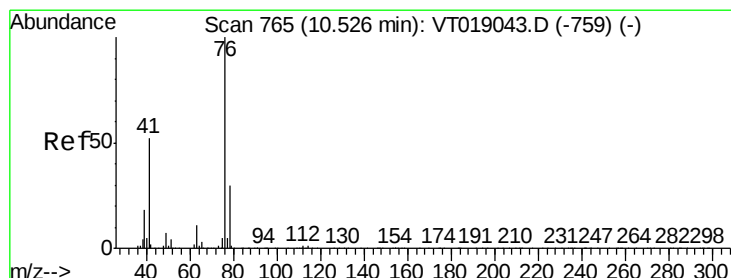
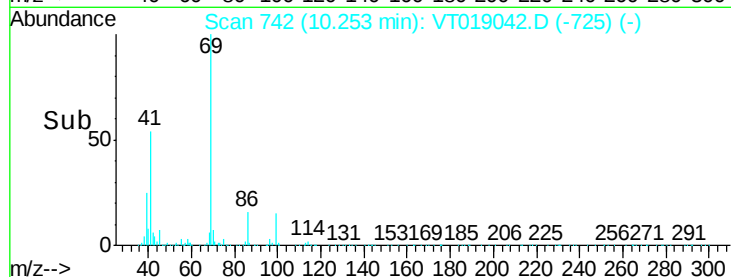
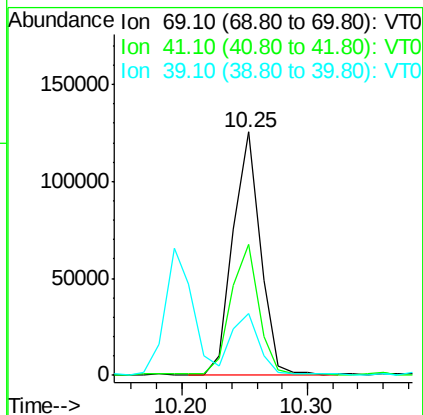
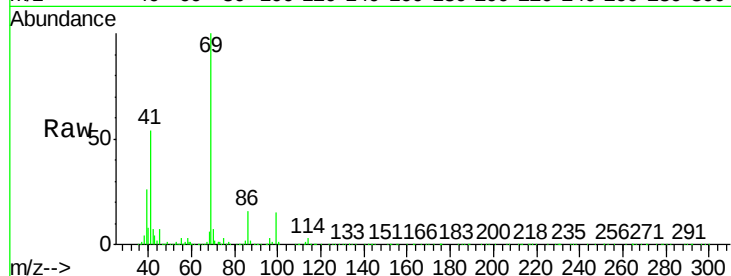
Tgt Ion: 69 Resp: 191838

Ion Ratio Lower Upper

69 100

41 54.0 42.9 64.3

39 25.7 21.2 31.8



#56

1,3-Dichloropropane

Concen: 21.15 ug/l

RT: 10.53 min Scan# 765

Delta R.T. -0.00 min

Lab File: VT019042.D

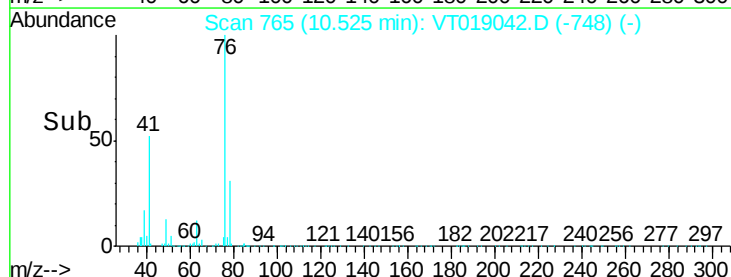
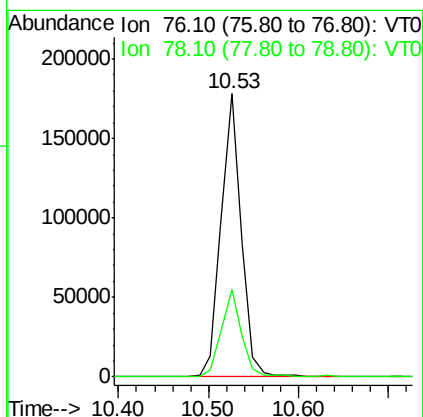
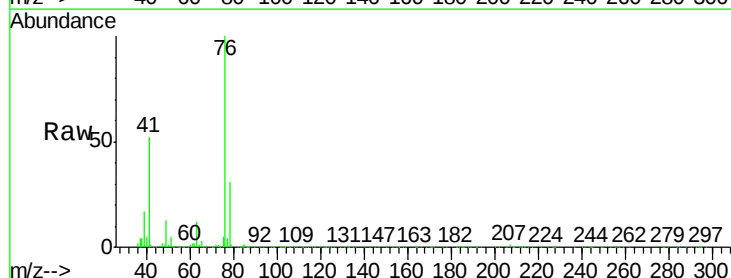
Acq: 8 May 2018 18:17

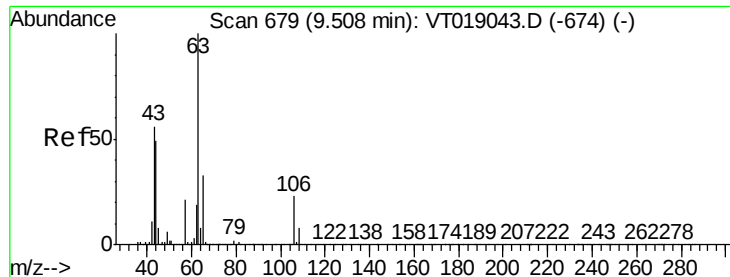
Tgt Ion: 76 Resp: 277667

Ion Ratio Lower Upper

76 100

78 31.1 24.1 36.1





#57

2-Chloroethyl Vinyl ether

Concen: 117.13 ug/l

RT: 9.51 min Scan# 679

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

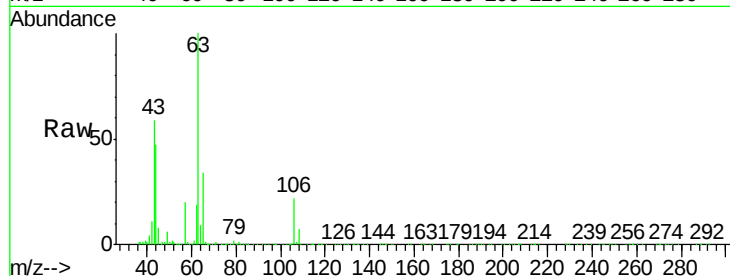
VSTDIC020

Tgt Ion: 63 Resp: 450205

Ion Ratio Lower Upper

63 100

106 22.1 18.7 28.1



Abundance Ion 63.10 (62.80 to 63.80): VT0

Ion 106.10 (105.80 to 106.80): VT0

9.51

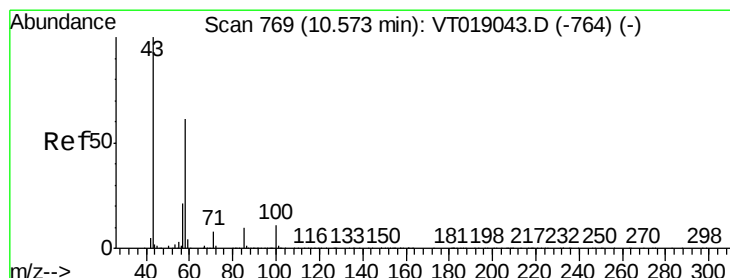
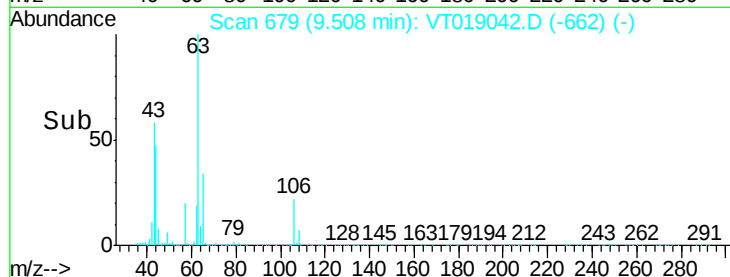
300000

200000

100000

0

Time-->



#58

2-Hexanone

Concen: 79.97 ug/l

RT: 10.57 min Scan# 769

Delta R.T. -0.00 min

Lab File: VT019042.D

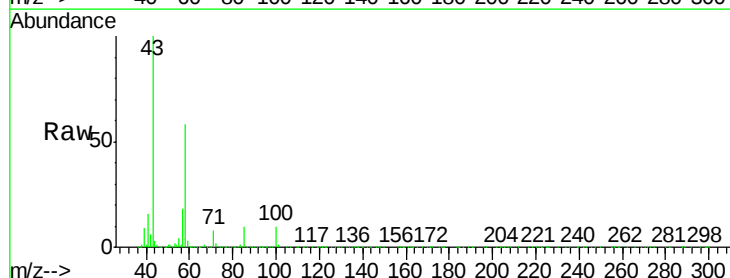
Acq: 8 May 2018 18:17

Tgt Ion: 43 Resp: 391242

Ion Ratio Lower Upper

43 100

58 58.1 30.6 92.0



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 58.10 (57.80 to 58.80): VT0

10.57

300000

250000

200000

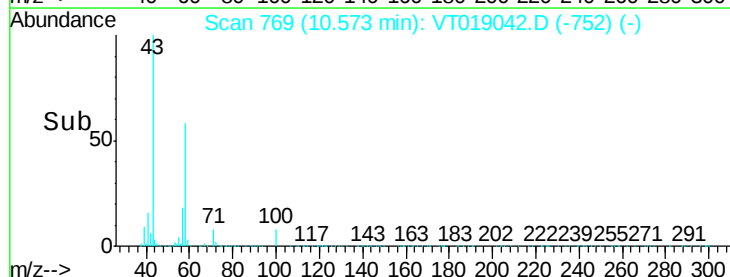
150000

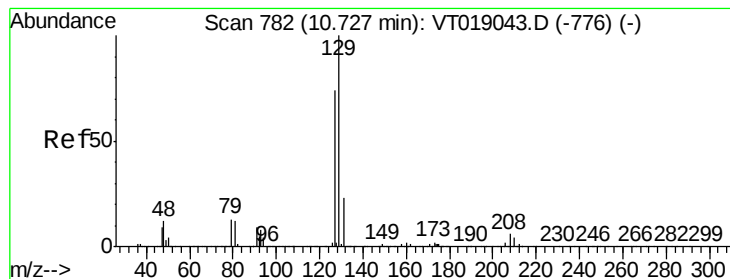
100000

50000

0

Time-->





#59

Dibromochloromethane

Concen: 18.78 ug/l

RT: 10.73 min Scan# 782

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

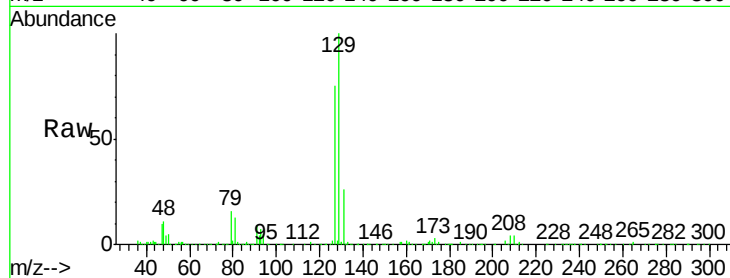
VSTDIC020

Tgt Ion:129 Resp: 163867

Ion Ratio Lower Upper

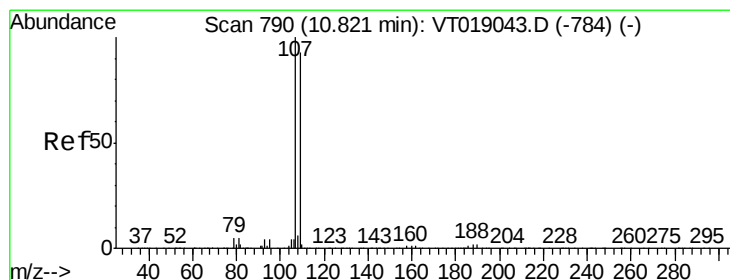
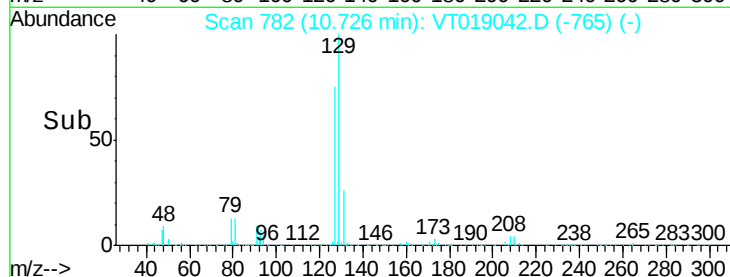
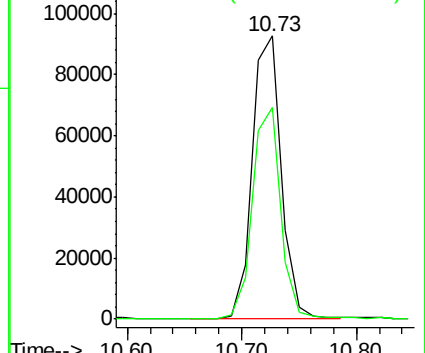
129 100

127 75.0 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: 19.16 ug/l

RT: 10.82 min Scan# 790

Delta R.T. -0.00 min

Lab File: VT019042.D

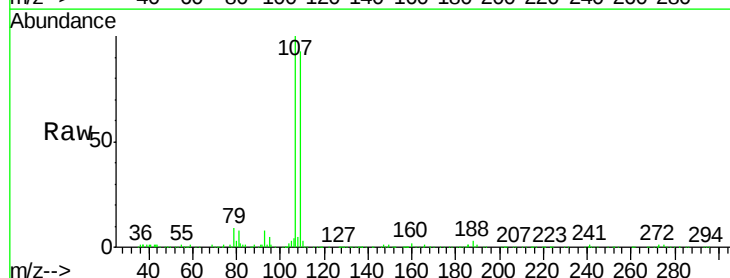
Acq: 8 May 2018 18:17

Tgt Ion:107 Resp: 133647

Ion Ratio Lower Upper

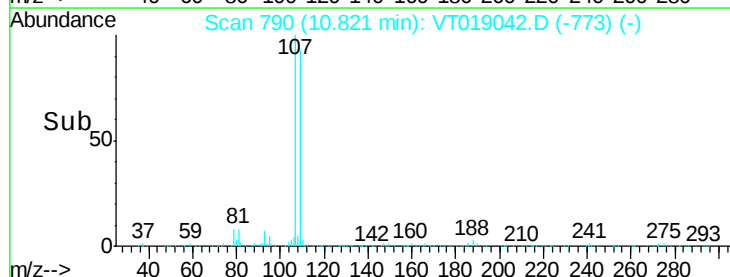
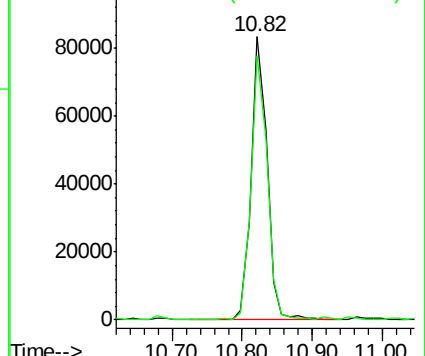
107 100

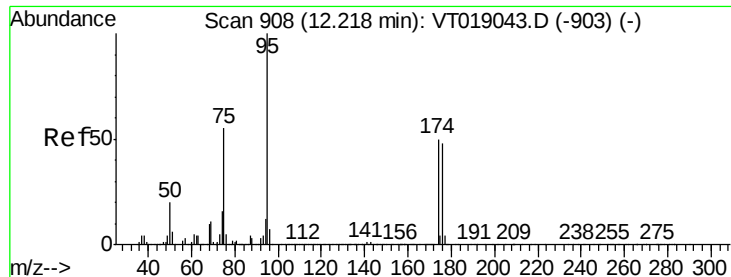
109 93.1 74.3 111.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#61

4-Bromofluorobenzene

Concen: 23.19 ug/l

RT: 12.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

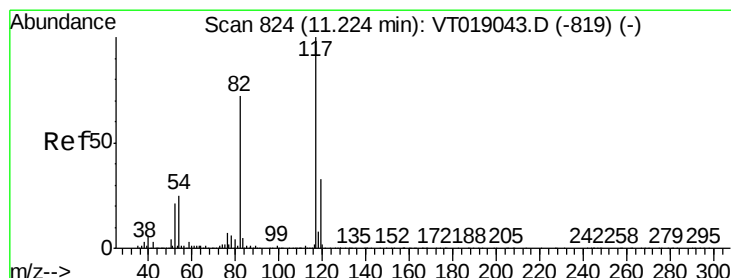
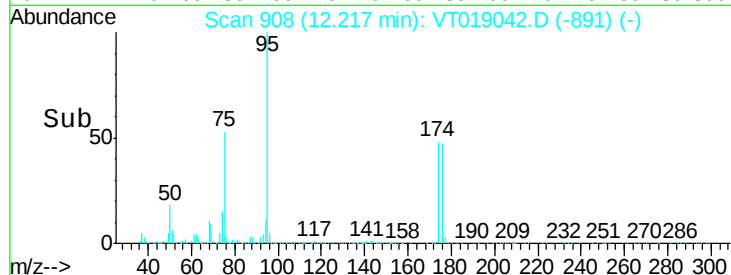
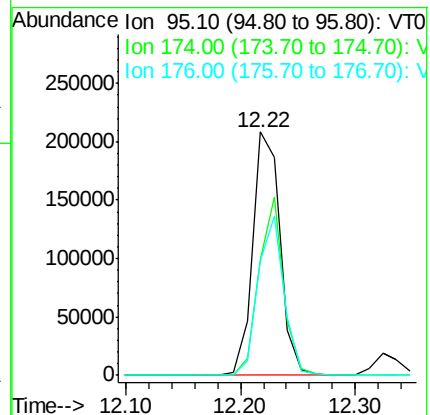
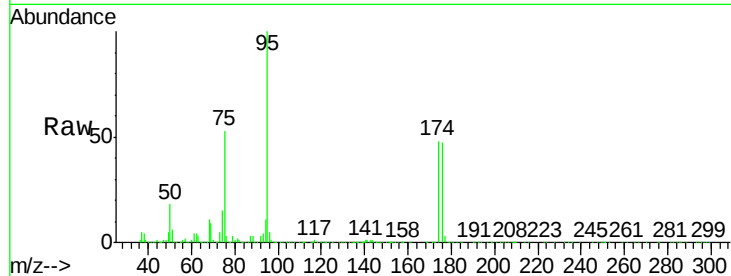
Tgt Ion: 95 Resp: 348653

Ion Ratio Lower Upper

95 100

174 47.5 0.0 100.0

176 47.2 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: VT019042.D

Acq: 8 May 2018 18:17

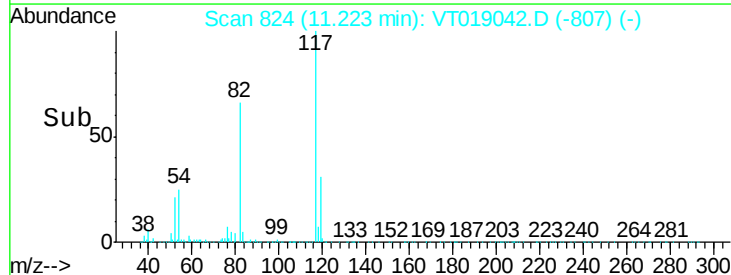
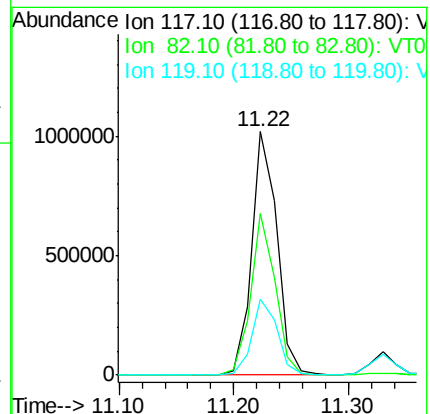
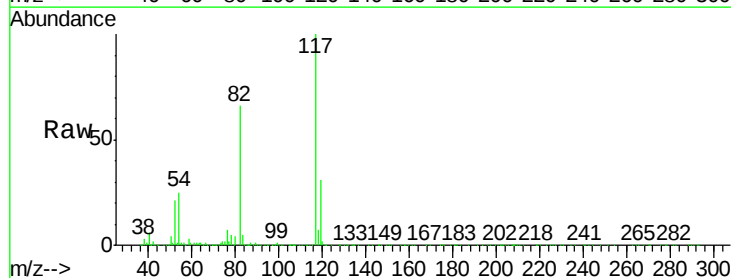
Tgt Ion: 117 Resp: 1576451

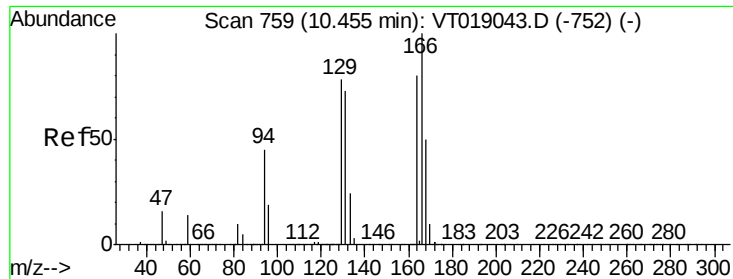
Ion Ratio Lower Upper

117 100

82 66.5 57.6 86.4

119 30.9 26.6 40.0

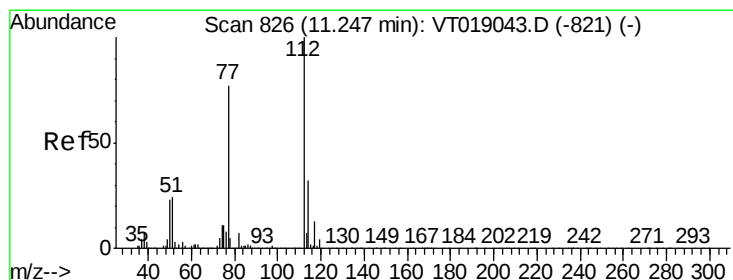
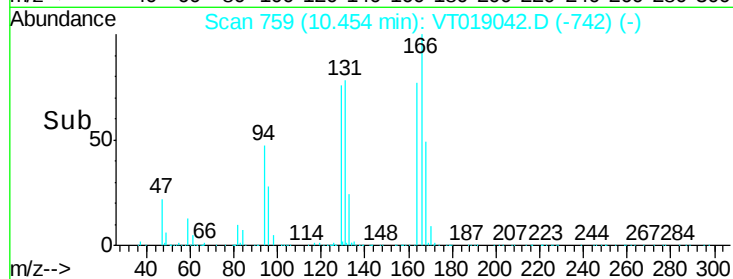
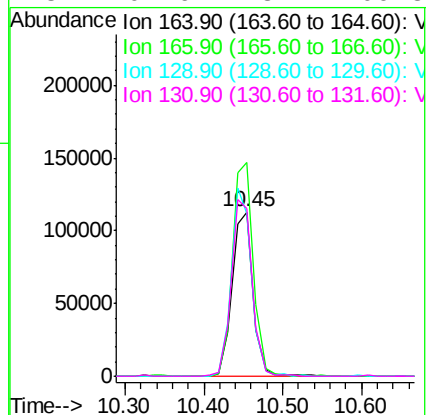
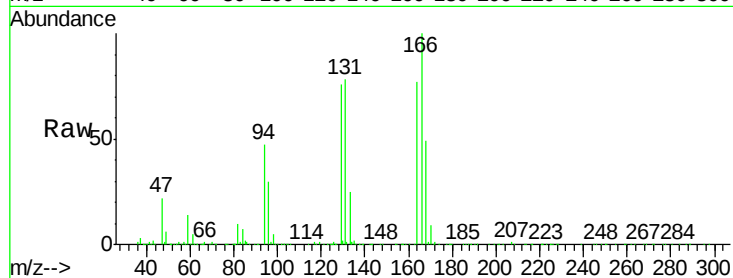




#63
Tetrachloroethene
Concen: 17.86 ug/l
RT: 10.45 min Scan# 759
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

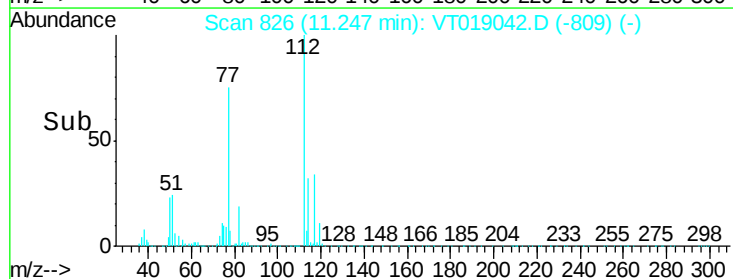
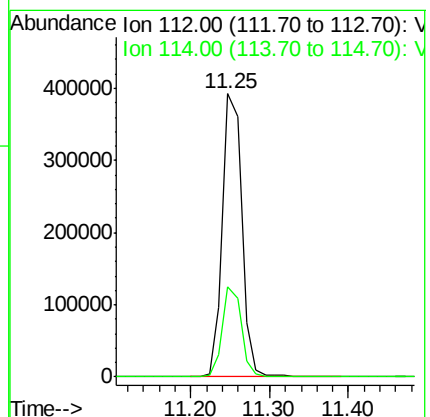
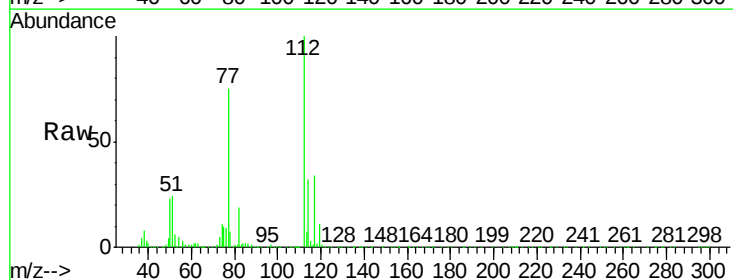
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

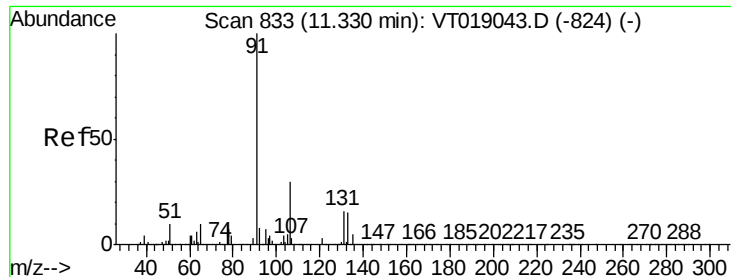
Tgt Ion:164 Resp: 205370
Ion Ratio Lower Upper
164 100
166 129.9 100.6 151.0
129 98.9 78.1 117.1
131 101.6 73.2 109.8



#64
Chlorobenzene
Concen: 19.88 ug/l
RT: 11.25 min Scan# 826
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion:112 Resp: 674888
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.44 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

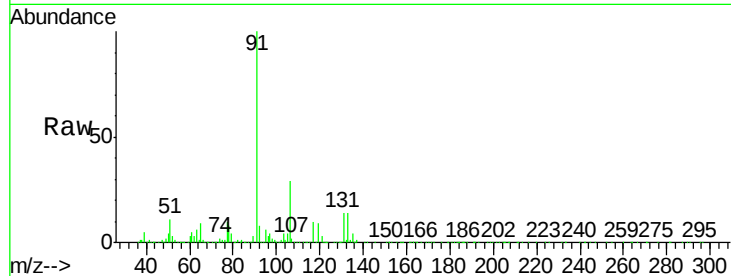
Tgt Ion:131 Resp: 207568

Ion Ratio Lower Upper

131 100

133 93.9 47.8 143.3

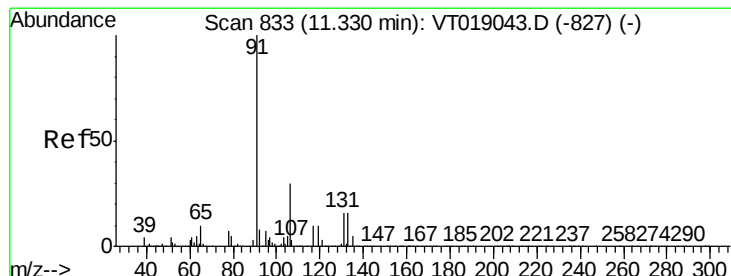
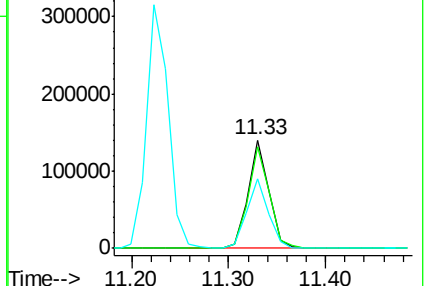
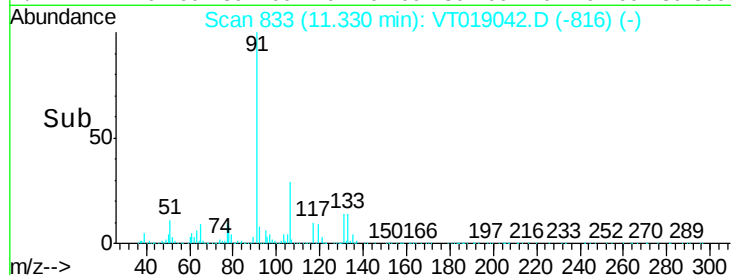
119 64.3 31.8 95.4



Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.90 (118.60 to 119.60): V



#66

Ethyl Benzene

Concen: 23.21 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019042.D

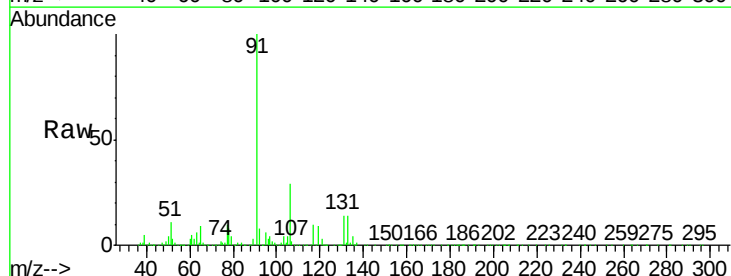
Acq: 8 May 2018 18:17

Tgt Ion: 91 Resp: 1375212

Ion Ratio Lower Upper

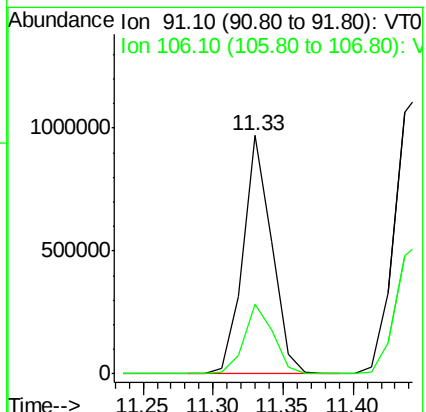
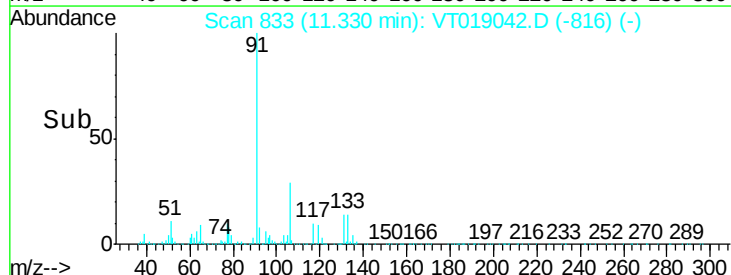
91 100

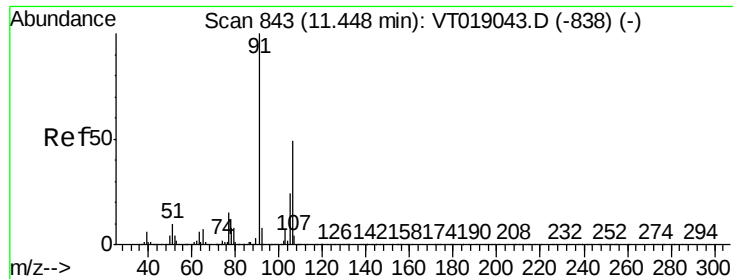
106 29.2 24.0 36.0



Abundance Ion 91.10 (90.80 to 91.80): VT0

Ion 106.10 (105.80 to 106.80): V

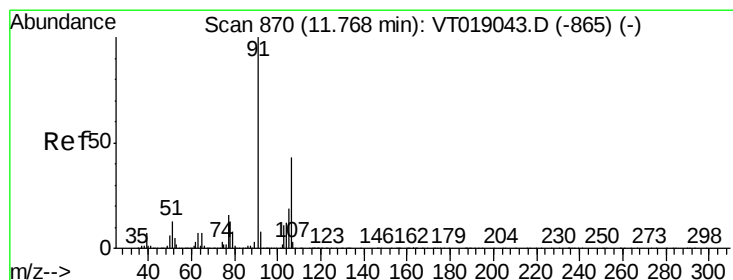
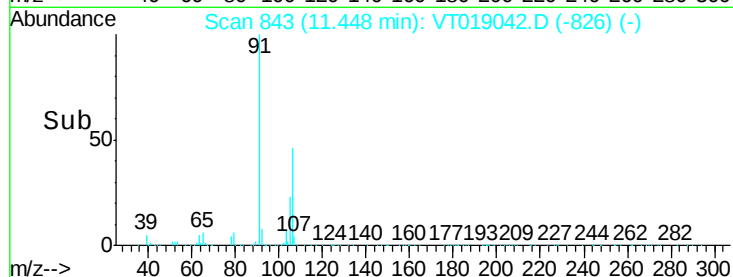
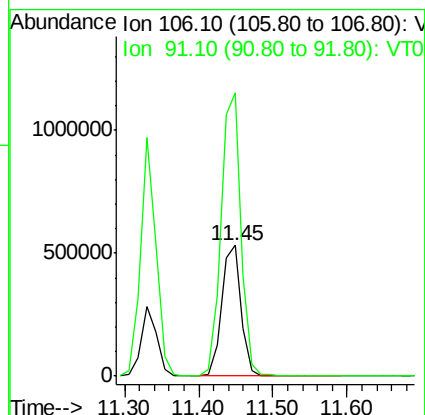
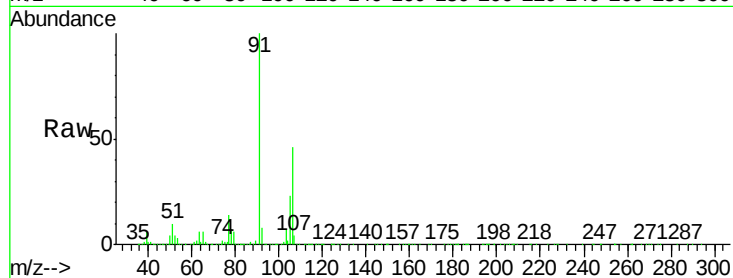




#67
m/p-Xylenes
Concen: 41.30 ug/l
RT: 11.45 min Scan# 843
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

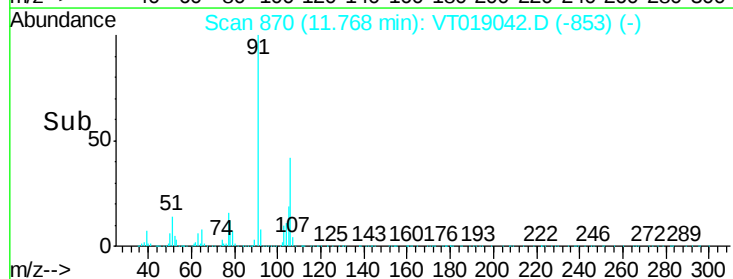
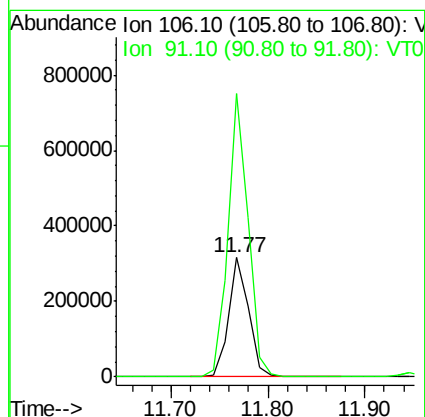
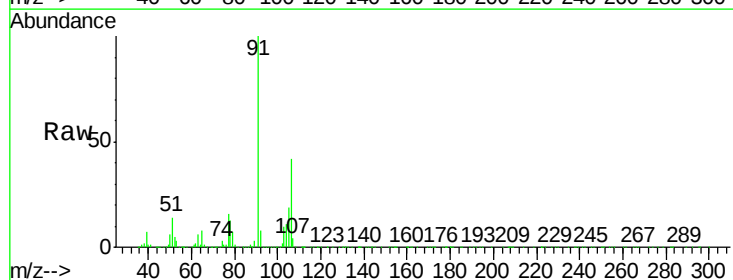
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

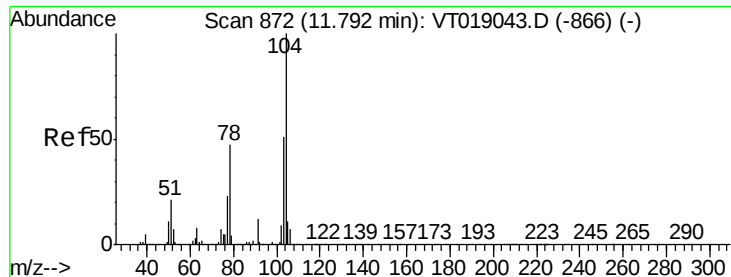
Tgt Ion:106 Resp: 977379
Ion Ratio Lower Upper
106 100
91 216.9 162.2 243.4



#68
o-Xylene
Concen: 20.79 ug/l
RT: 11.77 min Scan# 870
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion:106 Resp: 448261
Ion Ratio Lower Upper
106 100
91 237.7 116.0 348.0

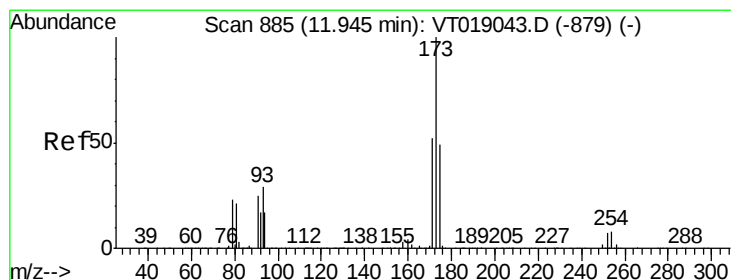
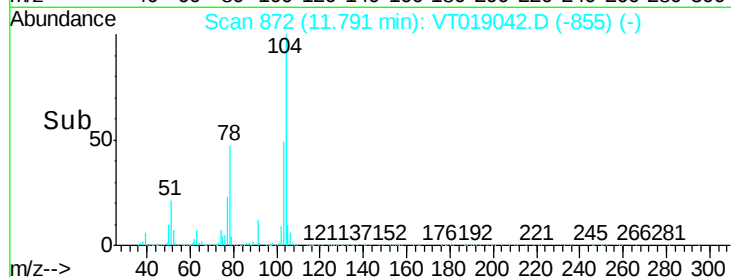
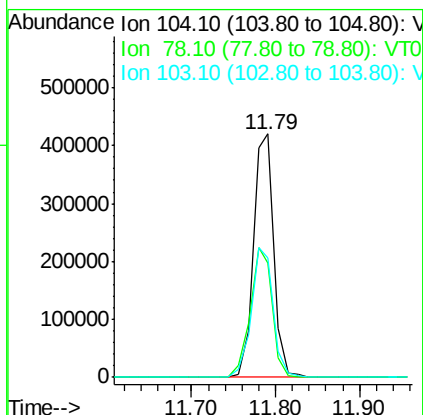
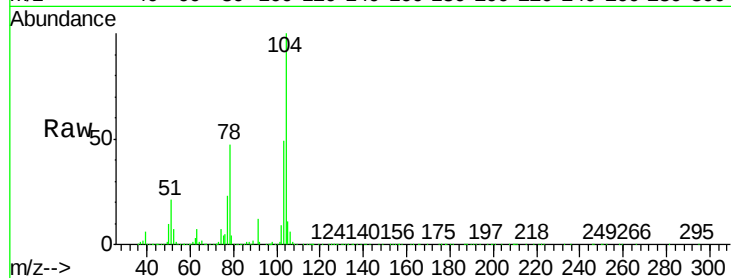




#69
Styrene
Concen: 19.91 ug/l
RT: 11.79 min Scan# 872
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

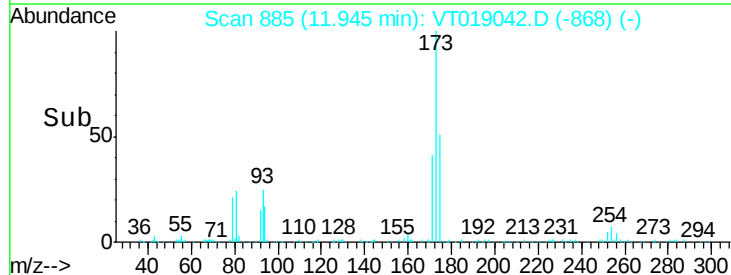
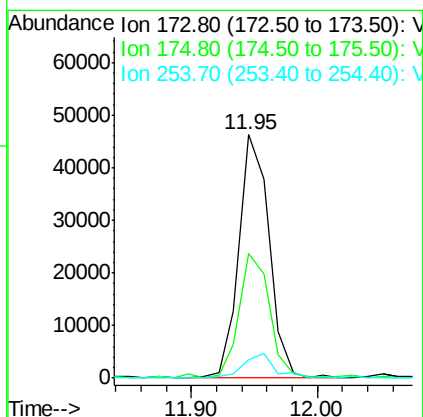
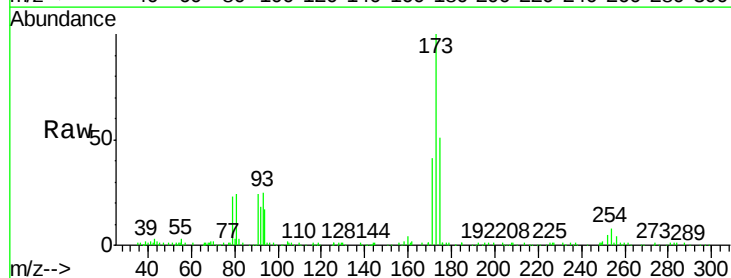
Instrument :
MSVOA_T
ClientSampled :
VSTDIC020

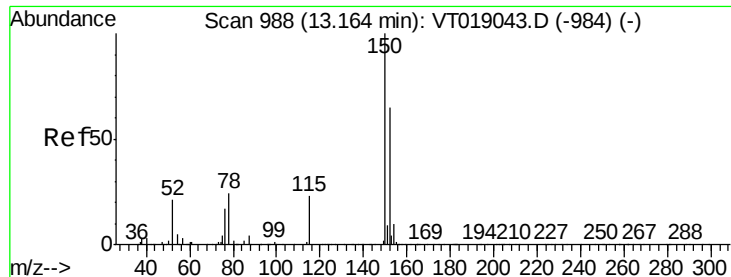
Tgt Ion:104 Resp: 714926
Ion Ratio Lower Upper
104 100
78 47.1 38.0 57.0
103 49.0 40.6 61.0



#70
Bromoform
Concen: 14.21 ug/l
RT: 11.95 min Scan# 885
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion:173 Resp: 77143
Ion Ratio Lower Upper
173 100
175 51.0 24.6 73.8
254 7.7 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: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

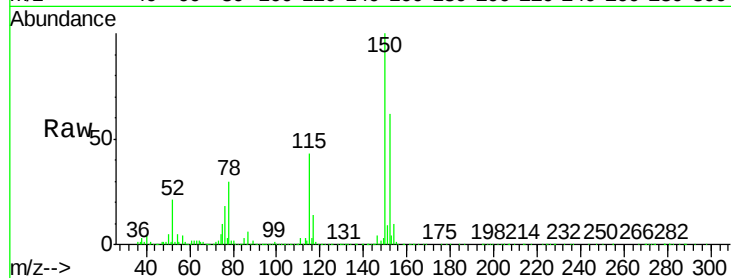
Tgt Ion:152 Resp: 772095

Ion Ratio Lower Upper

152 100

115 69.2 34.2 102.6

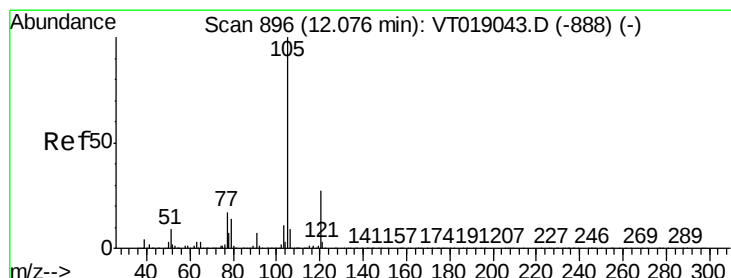
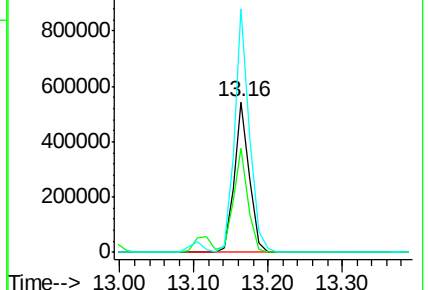
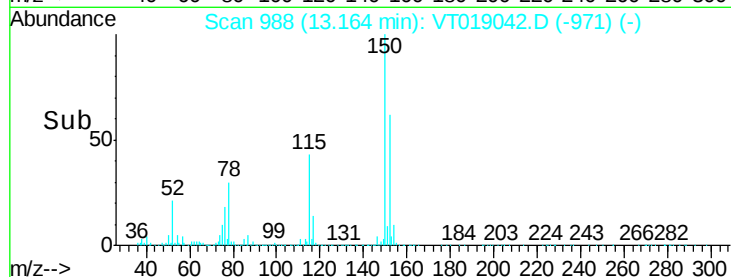
150 161.5 0.0 321.2



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: 24.06 ug/l

RT: 12.08 min Scan# 896

Delta R.T. -0.00 min

Lab File: VT019042.D

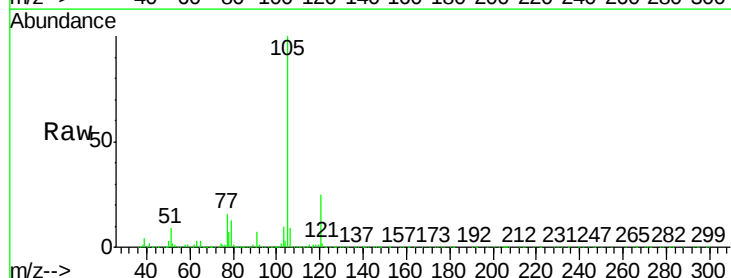
Acq: 8 May 2018 18:17

Tgt Ion:105 Resp: 1371599

Ion Ratio Lower Upper

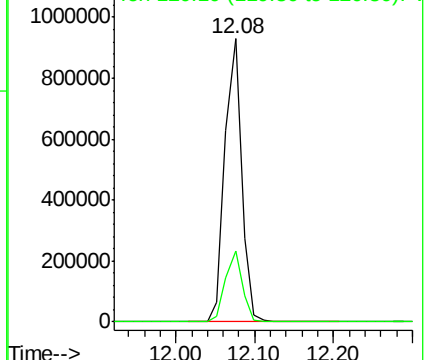
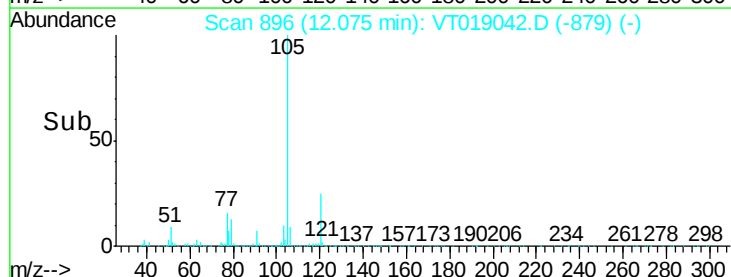
105 100

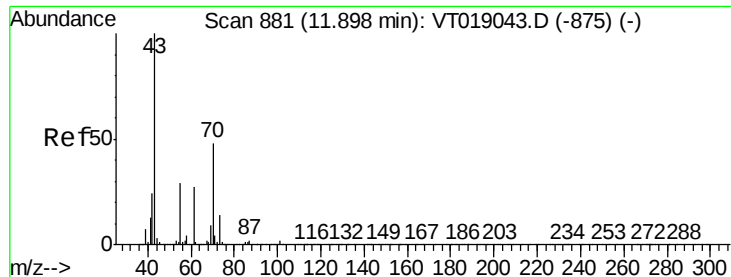
120 25.2 13.6 40.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.10 (119.80 to 120.80): V





#73

N-amyI acetate

Concen: 18.43 ug/l

RT: 11.90 min Scan# 881

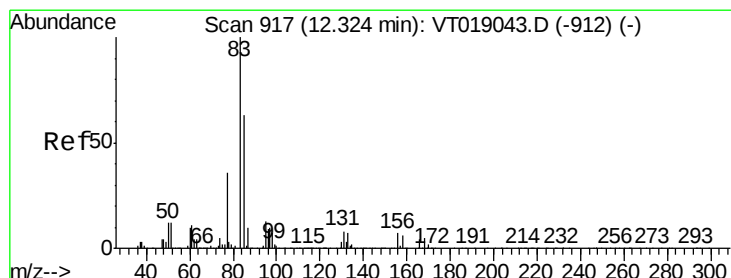
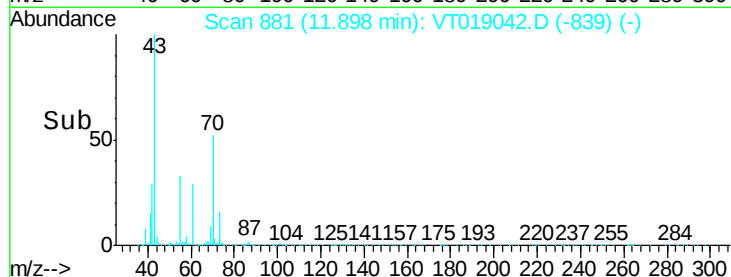
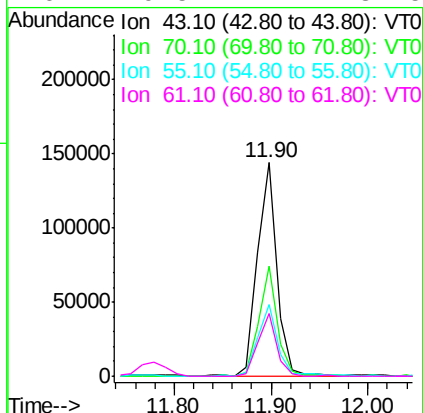
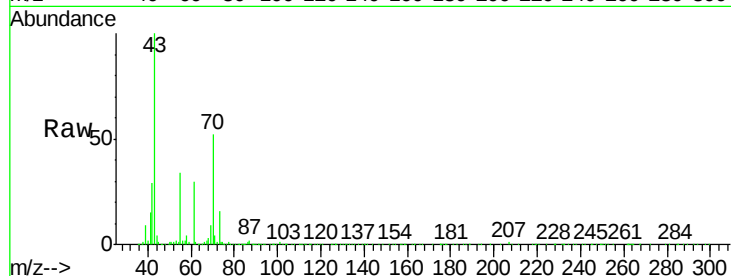
Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

Tgt Ion:	43	Resp:	200906
Ion	Ratio	Lower	Upper
43	100		
70	51.8	38.2	57.4
55	33.5	23.5	35.3
61	29.5	21.7	32.5



#74

1,1,2,2-Tetrachloroethane

Concen: 20.78 ug/l

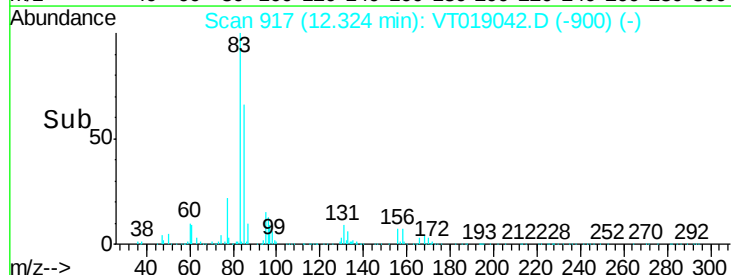
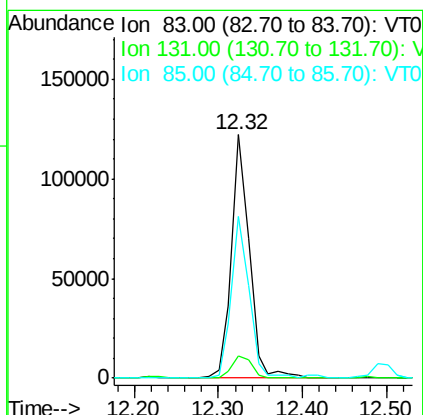
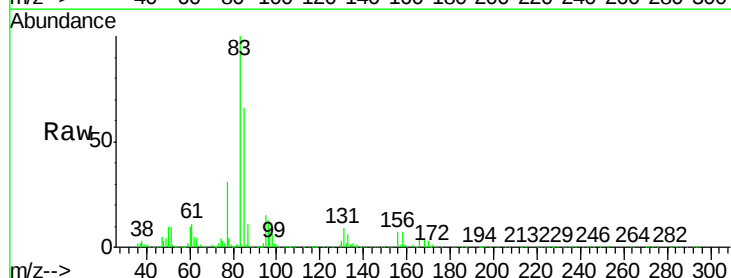
RT: 12.32 min Scan# 917

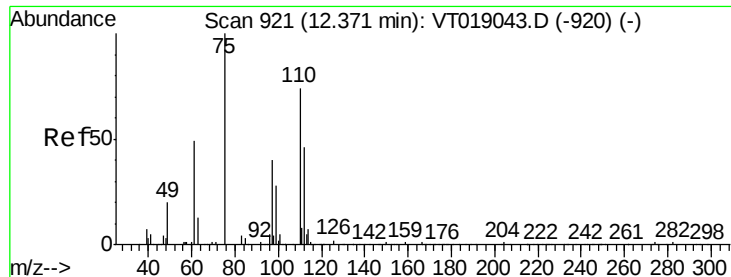
Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Tgt Ion:	83	Resp:	180642
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.0	12.2
85	66.5	31.4	94.3





#75

1,2,3-Trichloropropane

Concen: 39.14 ug/l

RT: 12.37 min Scan# 921

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

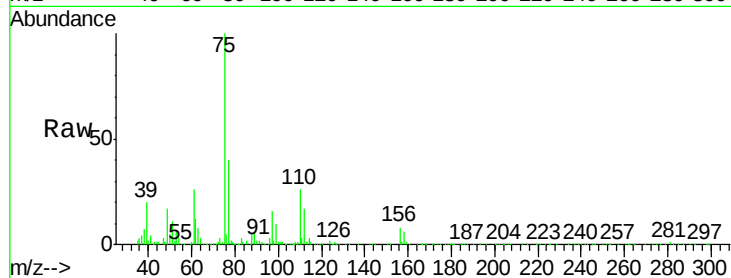
VSTDIC020

Tgt Ion: 75 Resp: 238719

Ion Ratio Lower Upper

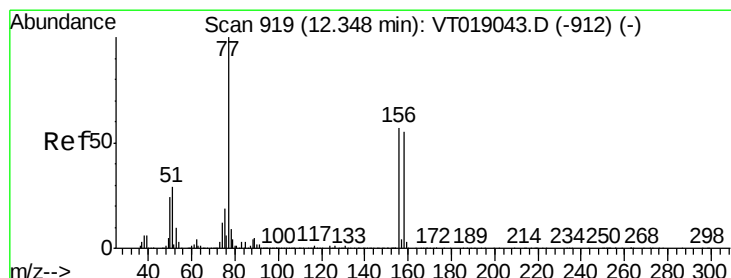
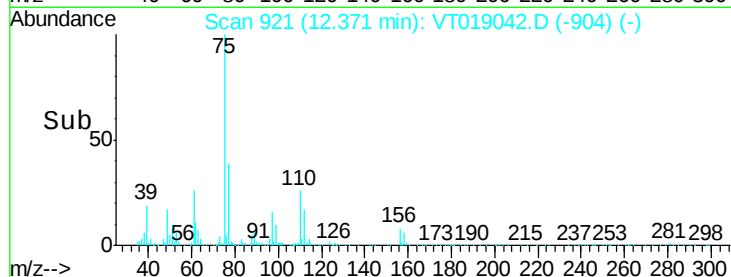
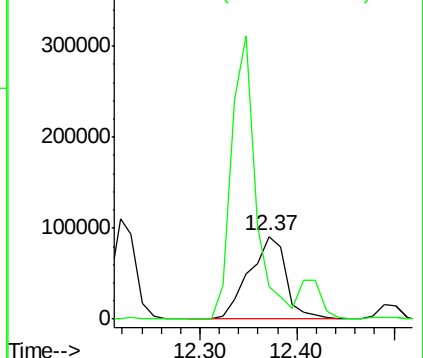
75 100

77 39.6 21.1 63.1



Abundance Ion 75.10 (74.80 to 75.80): VT0

Ion 77.10 (76.80 to 77.80): VT0



#76

Bromobenzene

Concen: 19.22 ug/l

RT: 12.35 min Scan# 919

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

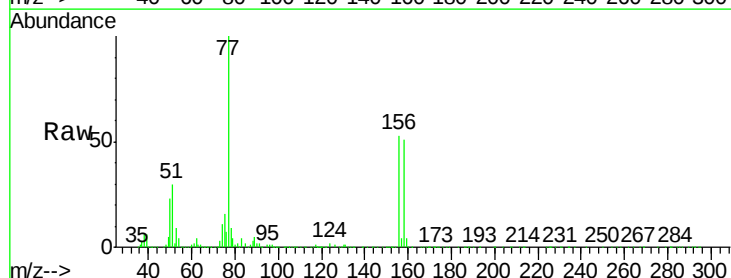
Tgt Ion: 156 Resp: 243379

Ion Ratio Lower Upper

156 100

77 186.9 87.8 263.4

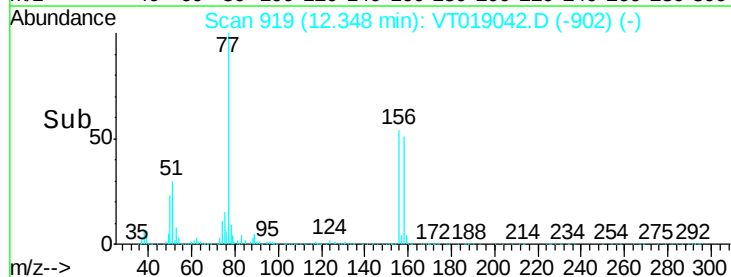
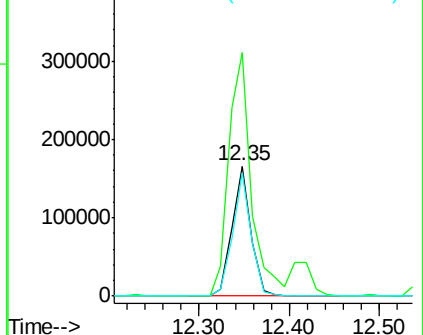
158 95.1 48.3 144.8

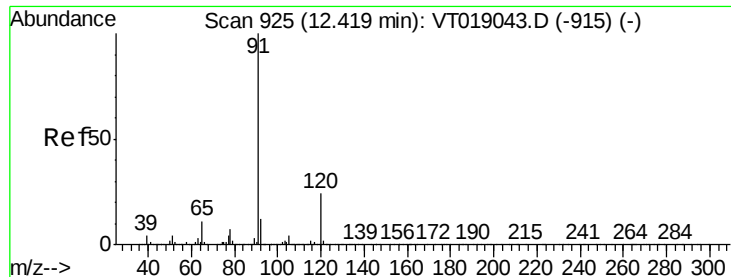


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.10 (76.80 to 77.80): VT0

Ion 158.00 (157.70 to 158.70): V





#77

n-propylbenzene

Concen: 25.32 ug/l

RT: 12.42 min Scan# 925

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

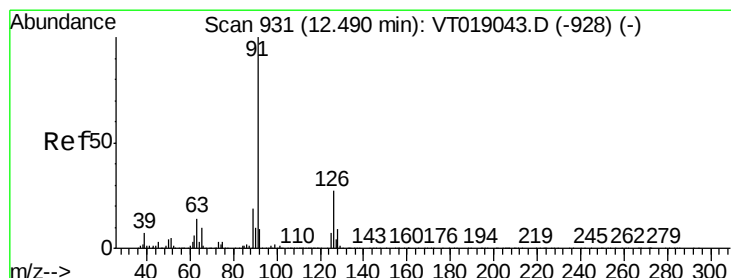
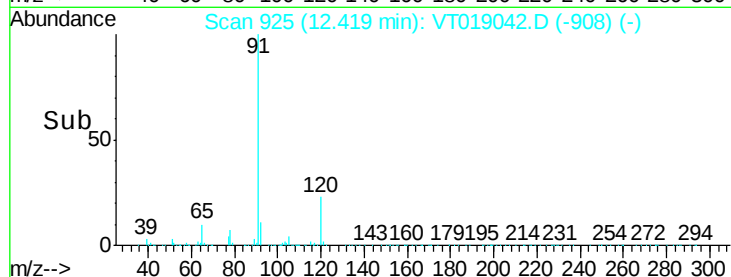
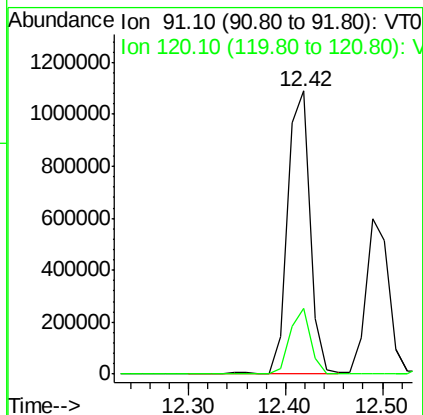
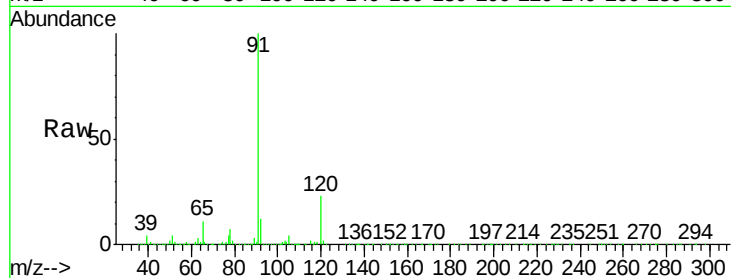
VSTDIC020

Tgt Ion: 91 Resp: 1741568

Ion Ratio Lower Upper

91 100

120 23.2 12.0 36.1



#78

2-Chlorotoluene

Concen: 24.92 ug/l

RT: 12.49 min Scan# 931

Delta R.T. -0.00 min

Lab File: VT019042.D

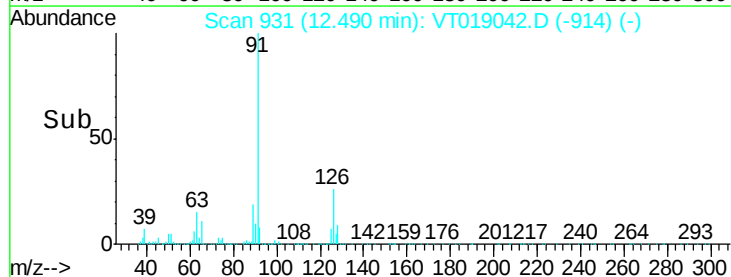
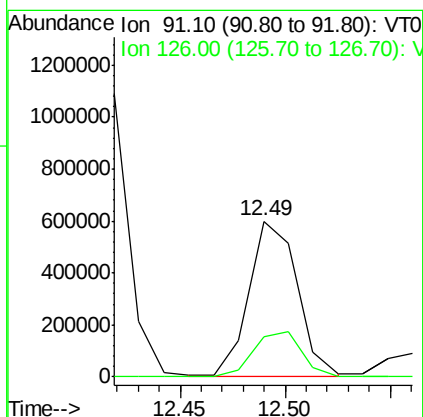
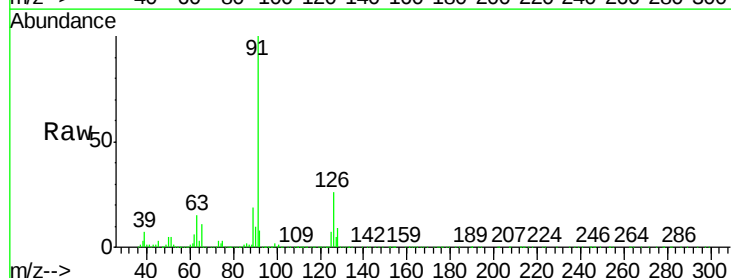
Acq: 8 May 2018 18:17

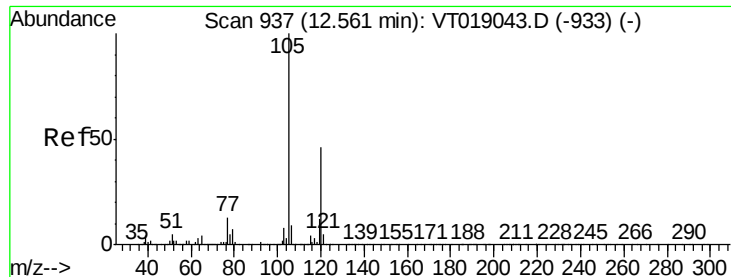
Tgt Ion: 91 Resp: 962594

Ion Ratio Lower Upper

91 100

126 26.2 13.5 40.5

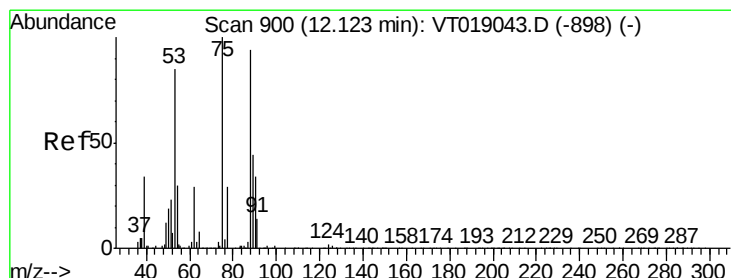
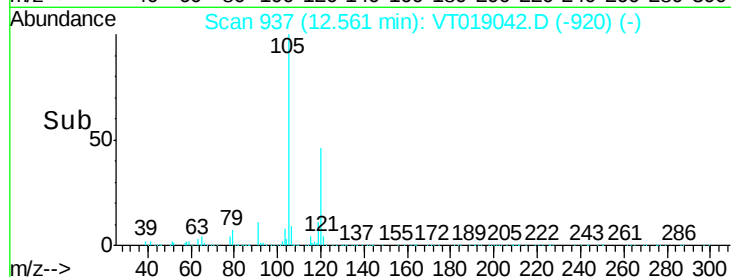
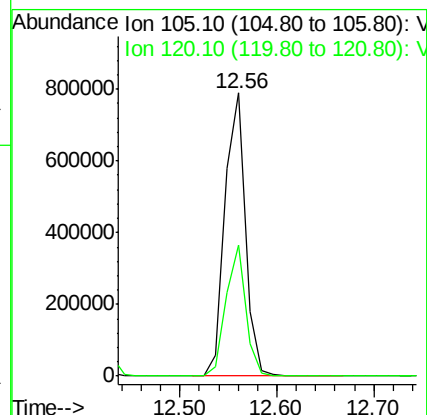
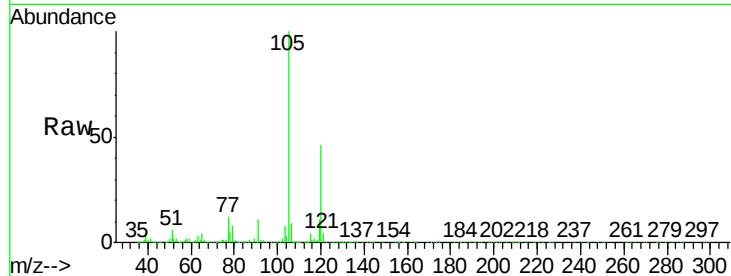




#79
 1,3,5-Trimethylbenzene
 Concen: 23.62 ug/l
 RT: 12.56 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VT019042.D
 Acq: 8 May 2018 18:17

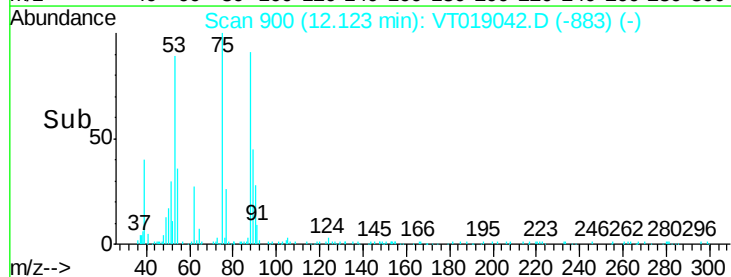
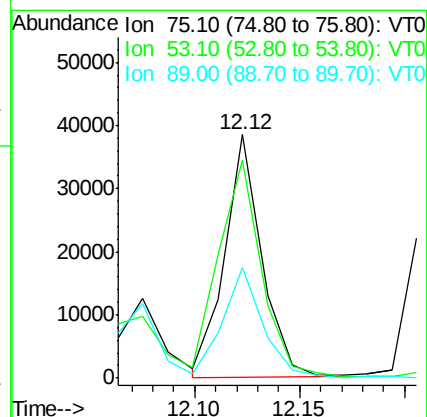
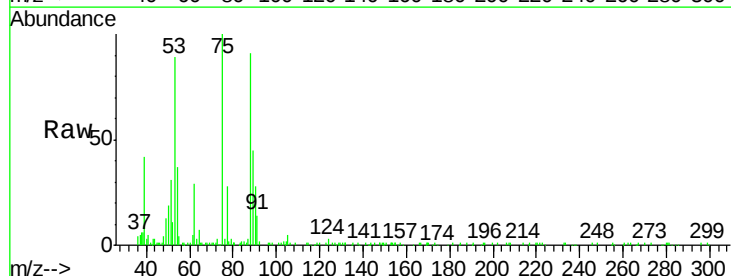
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC020

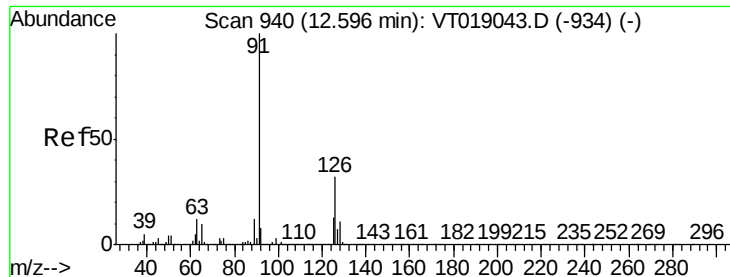
Tgt Ion:105 Resp: 1158344
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.5



#80
 trans-1,4-Dichloro-2-butene
 Concen: 17.57 ug/l
 RT: 12.12 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VT019042.D
 Acq: 8 May 2018 18:17

Tgt Ion: 75 Resp: 46756
 Ion Ratio Lower Upper
 75 100
 53 89.5 70.8 106.2
 89 45.4 35.8 53.8

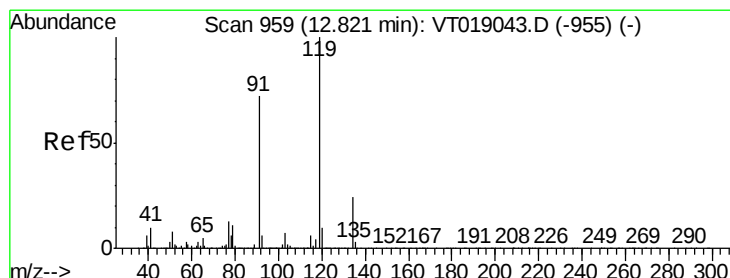
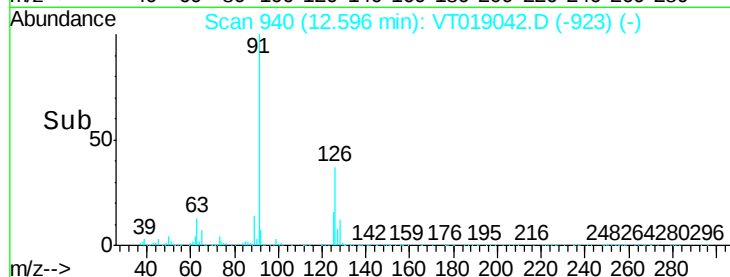
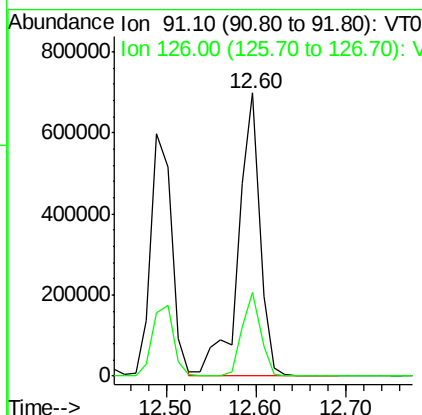
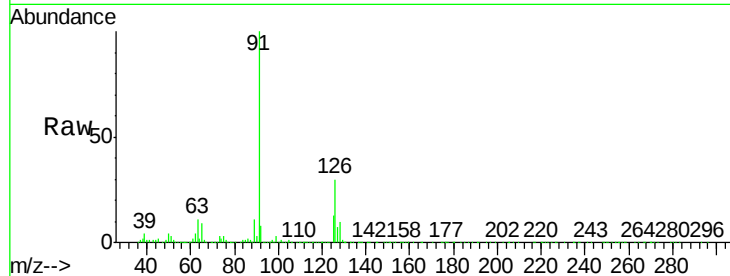




#81
4-Chlorotoluene
Concen: 25.14 ug/l
RT: 12.60 min Scan# 940
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

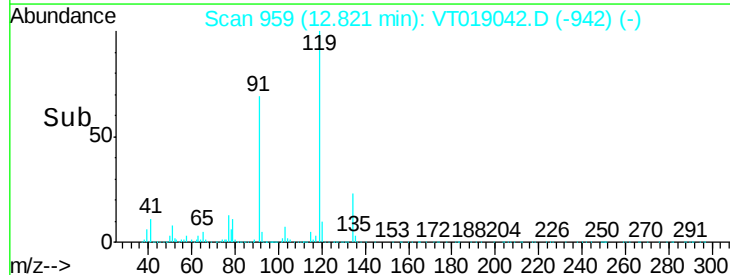
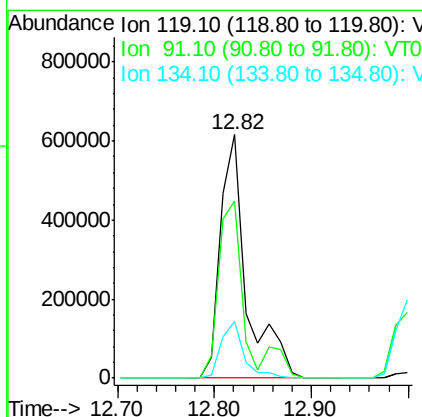
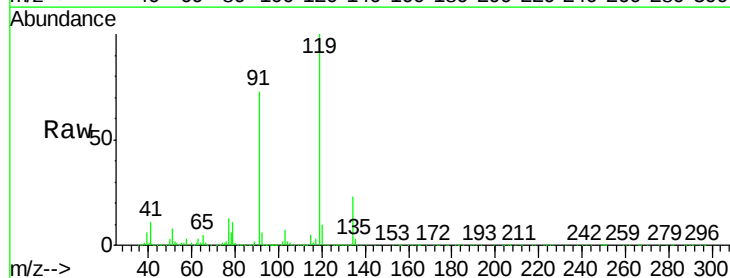
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

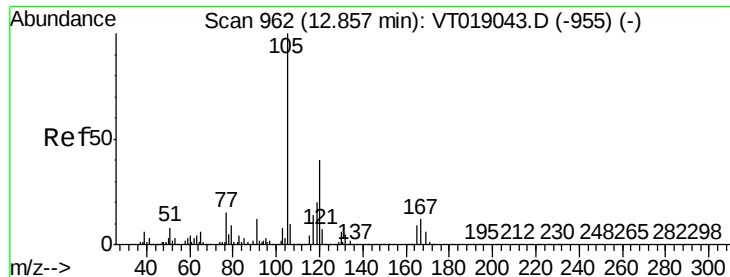
Tgt Ion: 91 Resp: 1165943
Ion Ratio Lower Upper
91 100
126 29.7 16.0 47.9



#82
tert-Butylbenzene
Concen: 26.66 ug/l
RT: 12.82 min Scan# 959
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion: 119 Resp: 1160462
Ion Ratio Lower Upper
119 100
91 72.9 36.1 108.3
134 23.5 12.0 36.1

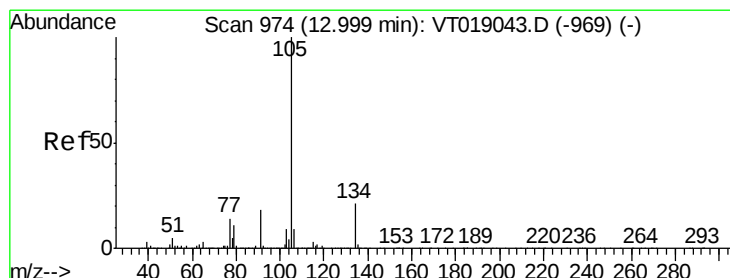
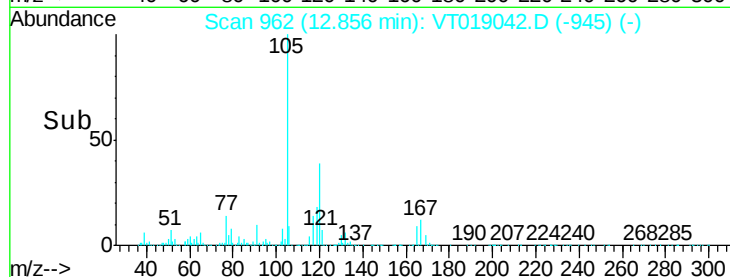
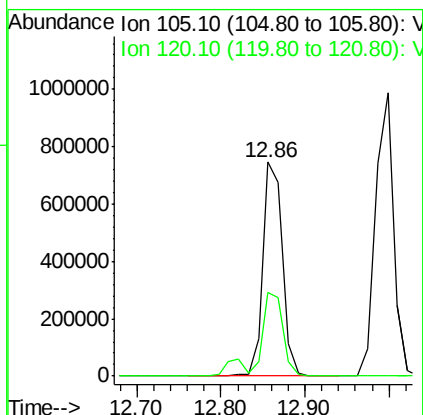
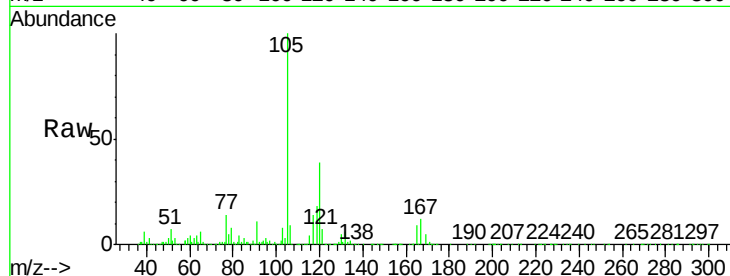




#83
 1,2,4-Trimethylbenzene
 Concen: 24.27 ug/l
 RT: 12.86 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: VT019042.D
 Acq: 8 May 2018 18:17

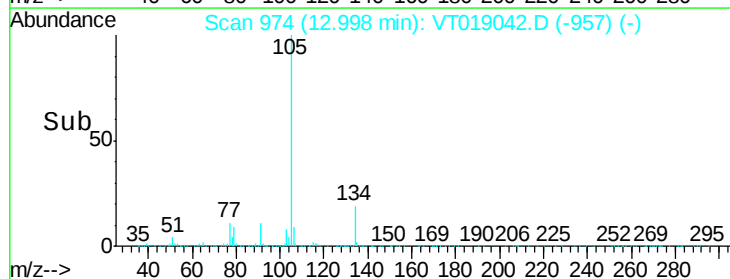
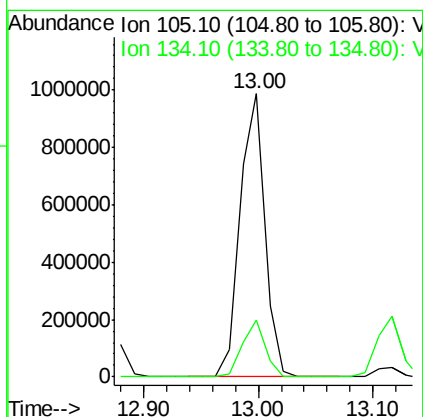
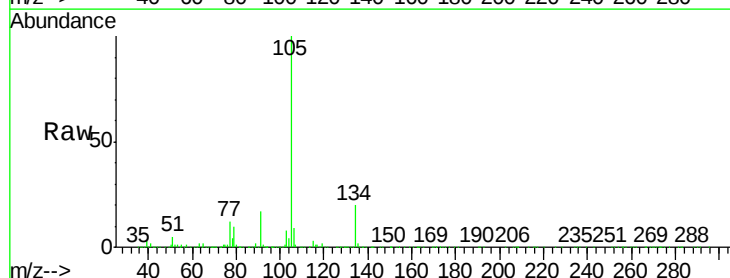
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC020

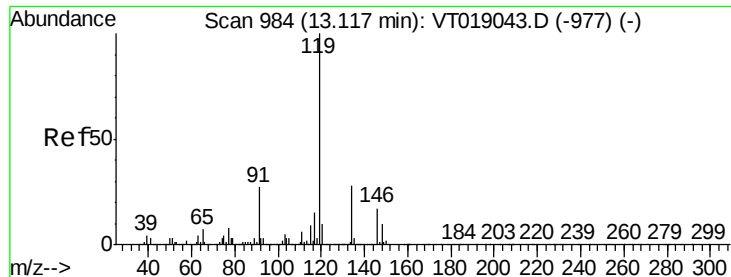
Tgt Ion:105 Resp: 1201459
 Ion Ratio Lower Upper
 105 100
 120 39.3 20.0 59.9



#84
 sec-Butylbenzene
 Concen: 24.14 ug/l
 RT: 13.00 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VT019042.D
 Acq: 8 May 2018 18:17

Tgt Ion:105 Resp: 1488897
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.2

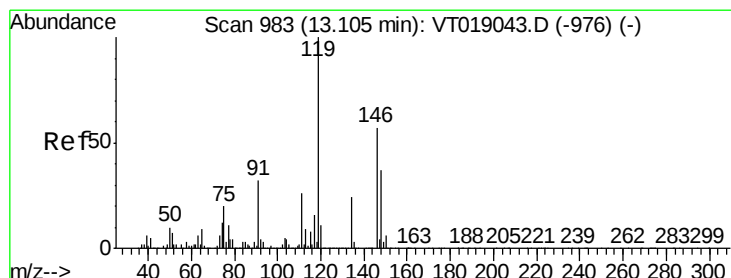
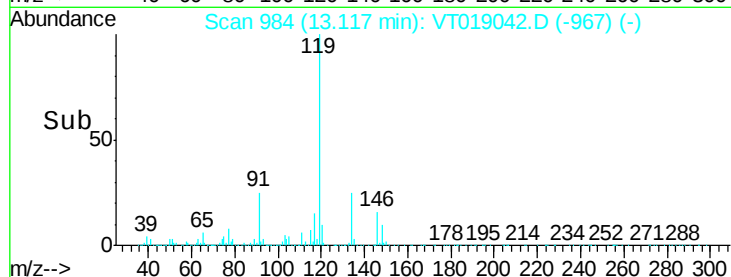
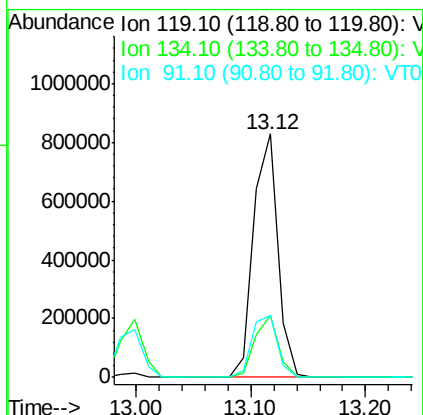
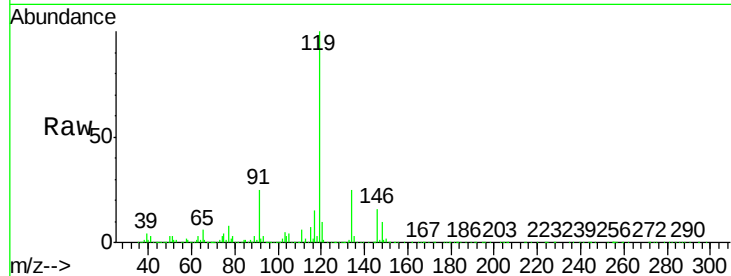




#85
p-Isopropyltoluene
Concen: 22.73 ug/l
RT: 13.12 min Scan# 984
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

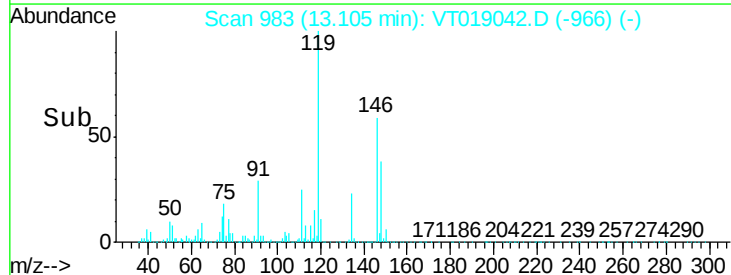
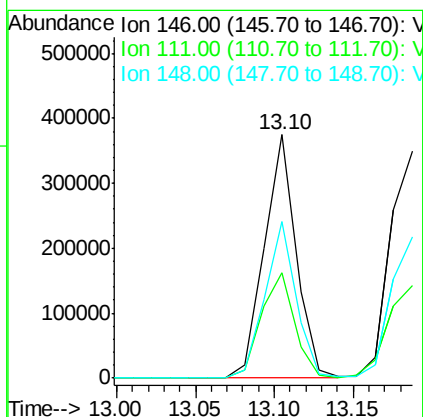
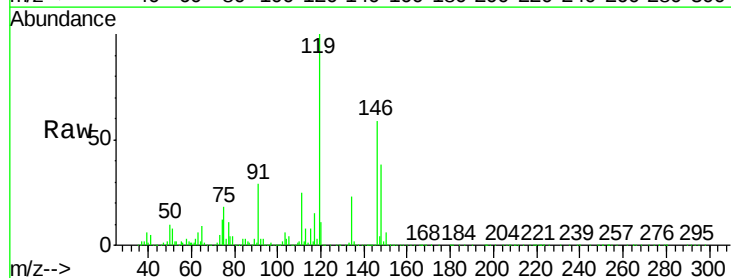
Instrument :
MSVOA_T
ClientSampled :
VSTDIC020

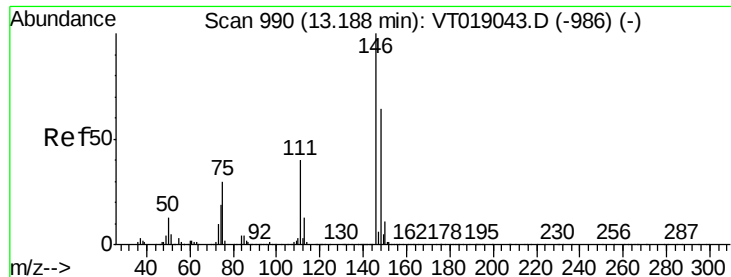
Tgt Ion:119 Resp: 1232486
Ion Ratio Lower Upper
119 100
134 25.4 14.1 42.3
91 25.3 13.5 40.4



#86
1,3-Dichlorobenzene
Concen: 20.05 ug/l
RT: 13.10 min Scan# 983
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion:146 Resp: 527688
Ion Ratio Lower Upper
146 100
111 43.1 23.1 69.2
148 64.3 32.5 97.5

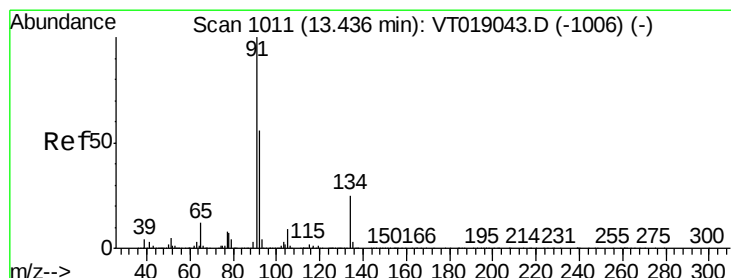
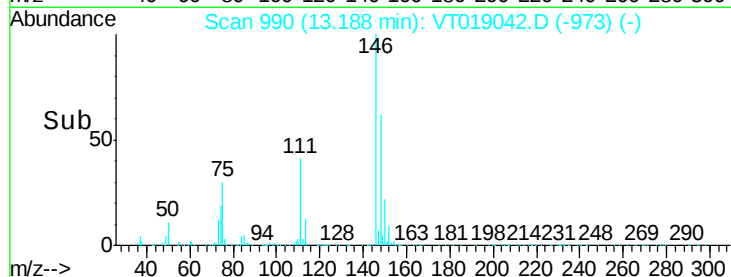
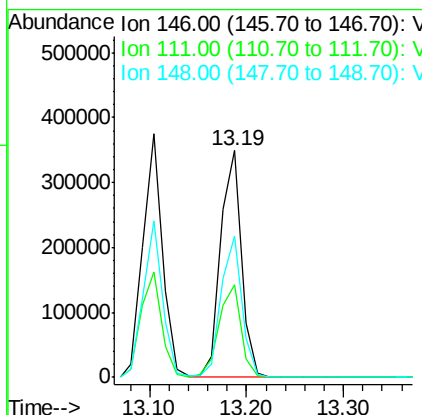
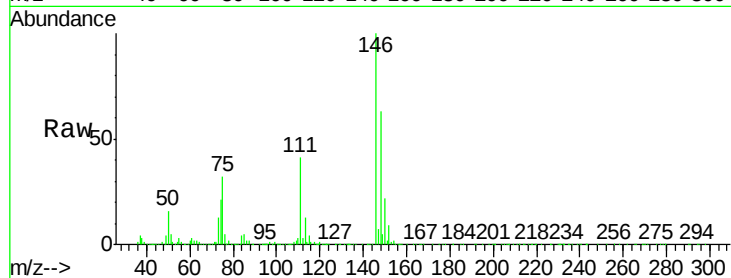




#87
 1,4-Dichlorobenzene
 Concen: 19.97 ug/l
 RT: 13.19 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VT019042.D
 Acq: 8 May 2018 18:17

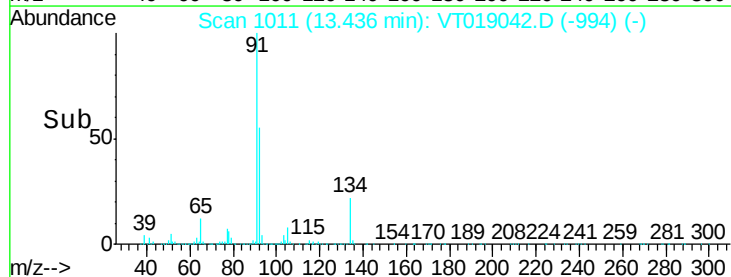
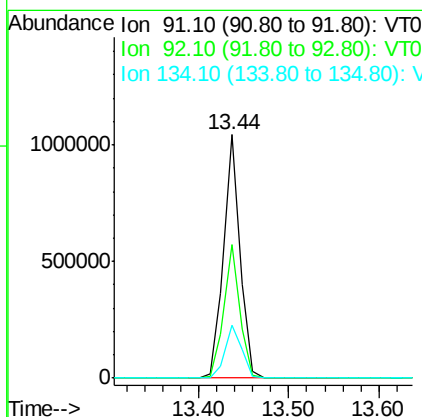
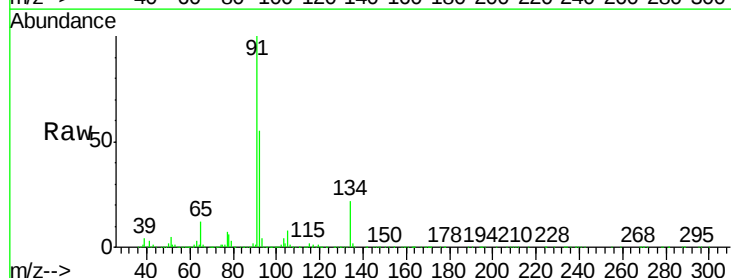
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC020

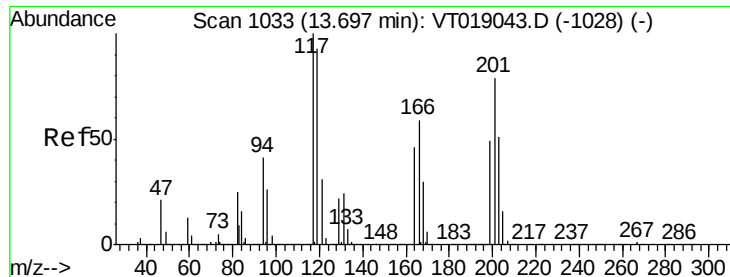
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	62.5	32.3	96.8



#88
 n-Butylbenzene
 Concen: 26.31 ug/l
 RT: 13.44 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VT019042.D
 Acq: 8 May 2018 18:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	28.0	84.0
134	21.6	12.4	37.0





#89

Hexachloroethane

Concen: 20.50 ug/l

RT: 13.70 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

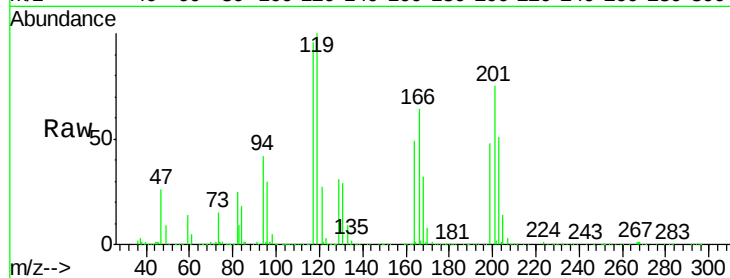
VSTDIC020

Tgt Ion:117 Resp: 181452

Ion Ratio Lower Upper

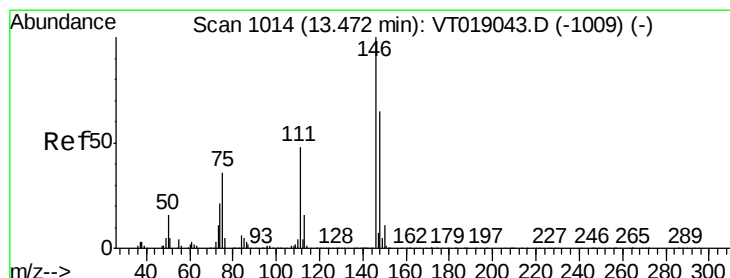
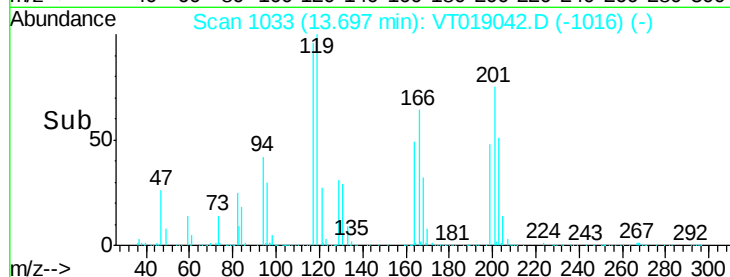
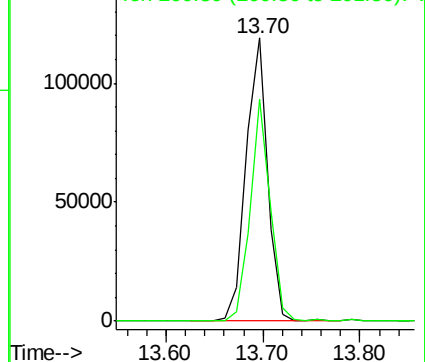
117 100

201 78.3 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: 19.38 ug/l

RT: 13.47 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

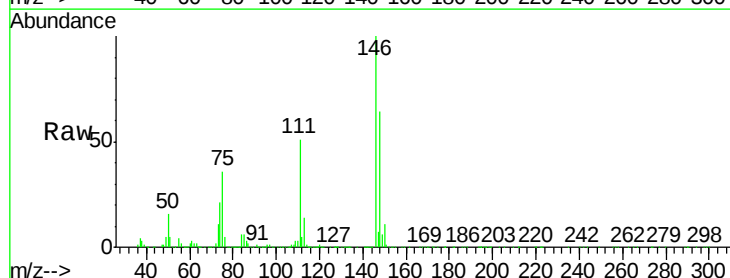
Tgt Ion:146 Resp: 439246

Ion Ratio Lower Upper

146 100

111 50.6 23.8 71.2

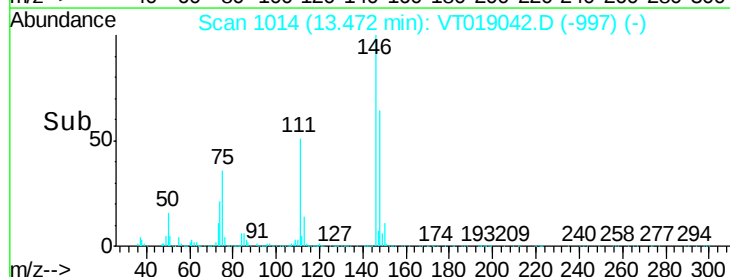
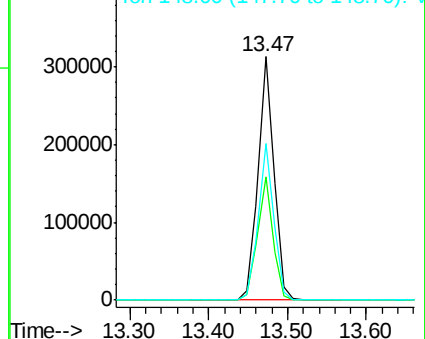
148 64.2 32.7 98.1

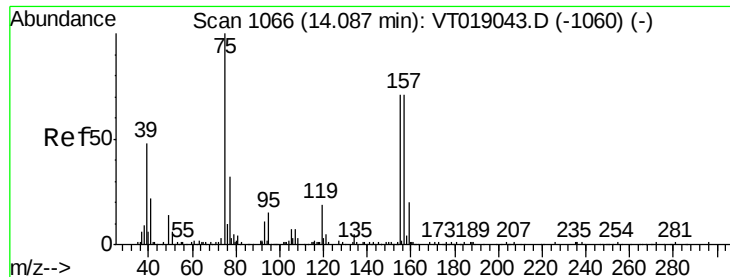


Abundance Ion 146.00 (145.70 to 146.70): V

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: 20.63 ug/l

RT: 14.09 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC020

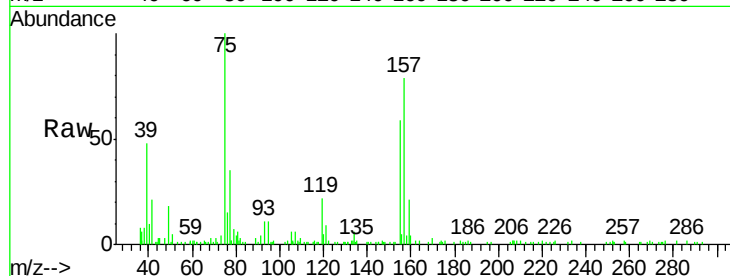
Tgt Ion: 75 Resp: 27187

Ion Ratio Lower Upper

75 100

155 58.9 35.6 106.8

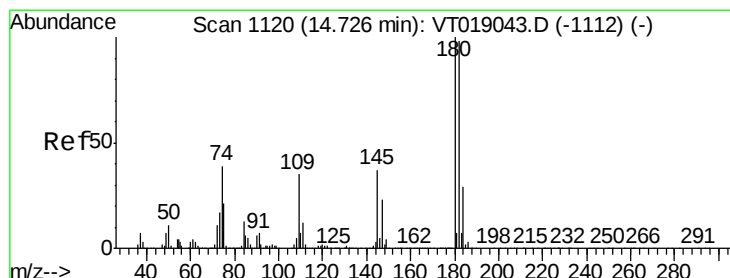
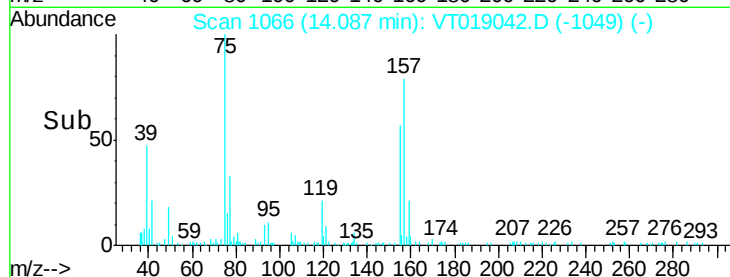
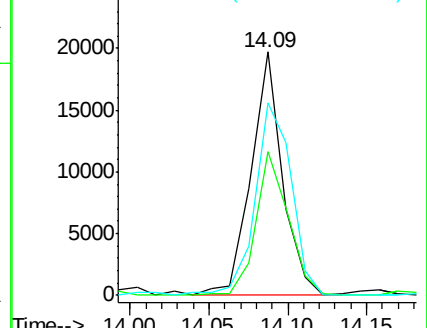
157 78.9 35.8 107.3



Abundance Ion 75.00 (74.70 to 75.70): VT0

Ion 154.90 (154.60 to 155.60): V

Ion 156.90 (156.60 to 157.60): V



#92

1,2,4-Trichlorobenzene

Concen: 19.50 ug/l

RT: 14.73 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VT019042.D

Acq: 8 May 2018 18:17

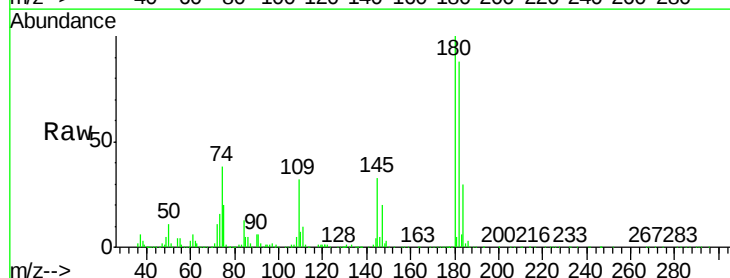
Tgt Ion: 180 Resp: 295641

Ion Ratio Lower Upper

180 100

182 88.4 49.0 147.0

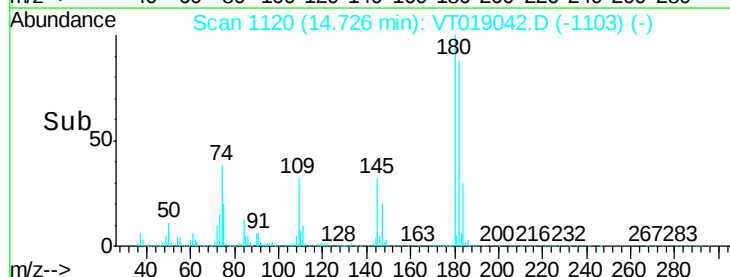
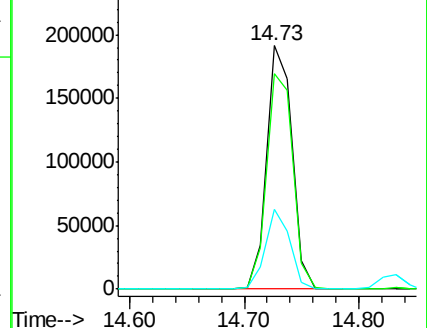
145 32.5 18.3 54.9

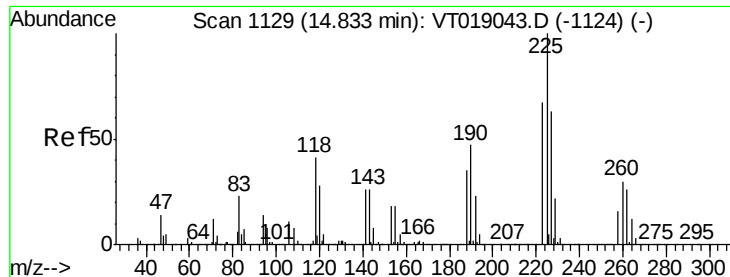


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 145.00 (144.70 to 145.70): V

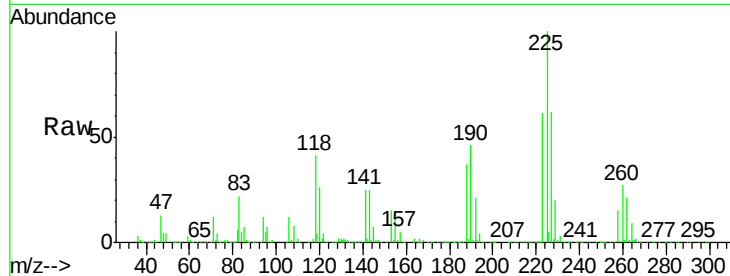




#93
Hexachlorobutadiene
Concen: 20.91 ug/l
RT: 14.83 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	33.5	100.4
227	61.9	31.7	95.1

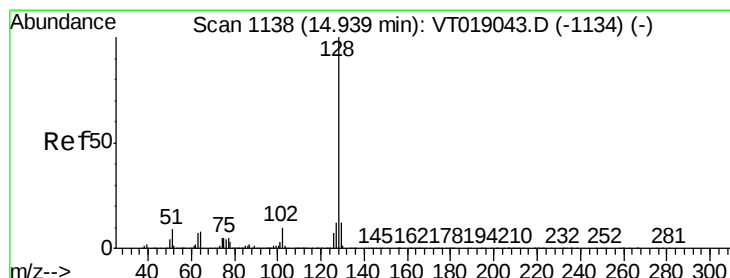
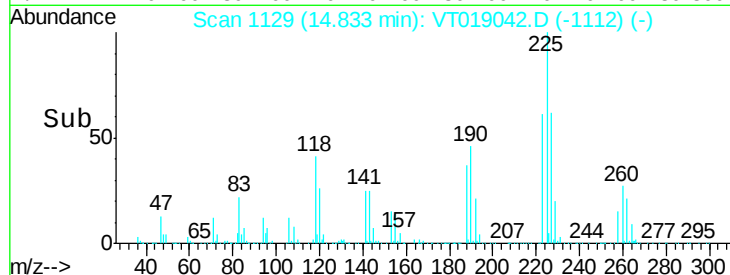
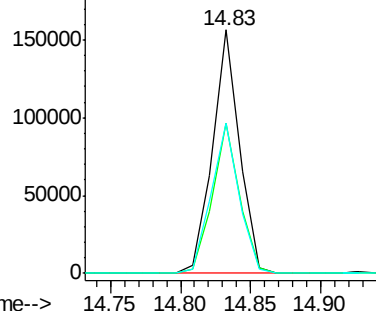


Abundance

Ion 224.80 (224.50 to 225.50): V

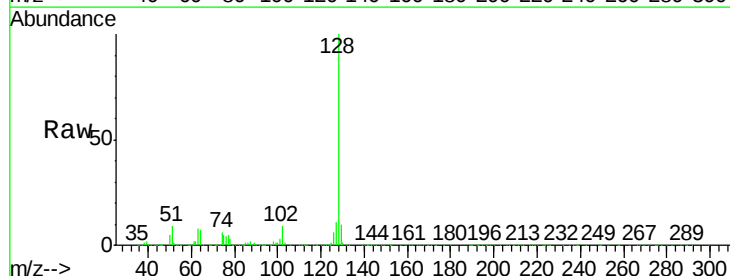
Ion 222.80 (222.50 to 223.50): V

Ion 226.80 (226.50 to 227.50): V



#94
Naphthalene
Concen: 18.96 ug/l
RT: 14.94 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VT019042.D
Acq: 8 May 2018 18:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.3	9.9	14.9
129	9.9	9.3	13.9

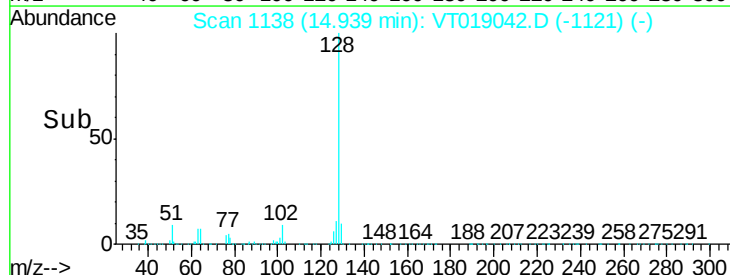
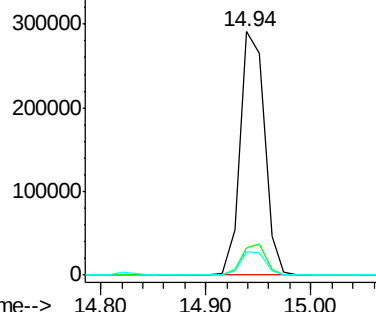


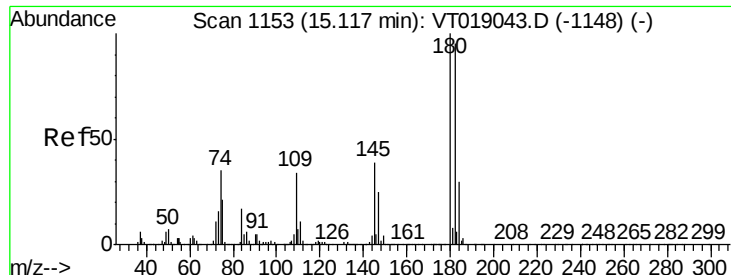
Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V





#95
 1,2,3-Trichlorobenzene
 Concen: 18.06 ug/l
 RT: 15.12 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VT019042.D
 Acq: 8 May 2018 18:17

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	47.7	143.1
145	39.5	19.4	58.1

