

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019069.D
 Acq On : 10 May 2018 11:32
 Operator : SY/MD
 Sample : VT0510SBS01
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

Quant Time: May 25 17:36:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 10 07:01:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	880838	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1499688	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1263512	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	601200	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	451453	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
34) Dibromofluoromethane	7.35	113	448429	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
49) Toluene-d8	9.90	98	1969347	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
61) 4-Bromofluorobenzene	12.22	95	728654	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.79	85	219071	19.44	ug/l	99
3) Chloromethane	1.95	50	94625	24.64	ug/l	88
4) Vinyl Chloride	2.09	62	131242	21.12	ug/l	88
5) Bromomethane	2.44	94	111448	21.98	ug/l	97
6) Chloroethane	2.57	64	80800	21.19	ug/l	94
7) Trichlorofluoromethane	2.92	101	404136m	24.22	ug/l	
8) Diethyl Ether	3.21	74	57388	22.66	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.59	101	215844	26.69	ug/l	92
10) Methyl Iodide	3.76	142	290575	24.76	ug/l	99
11) Tert butyl alcohol	4.53	59	33565	79.38	ug/l #	88
12) 1,1-Dichloroethene	3.56	96	185620	25.85	ug/l	92
13) Acrolein	3.39	56	23897	115.77	ug/l	84
14) Allyl chloride	4.06	41	366562	23.66	ug/l	91
15) Acrylonitrile	4.69	53	161877	99.38	ug/l	93
16) Acetone	3.59	43	104362	117.58	ug/l #	87
17) Carbon Disulfide	4.06	76	634043m	21.39	ug/l	
18) Methyl Acetate	4.08	43	87870	19.27	ug/l	94
19) Methyl tert-butyl Ether	4.75	73	331387	18.42	ug/l	95
20) Methylene Chloride	4.29	84	203255	21.26	ug/l	94
21) trans-1,2-Dichloroethene	4.74	96	235329	22.20	ug/l	98
22) Diisopropyl ether	5.67	45	601226	20.92	ug/l	96
23) Vinyl Acetate	5.61	43	1343195	105.31	ug/l	99
24) 1,1-Dichloroethane	5.56	63	429559	21.38	ug/l	99
25) 2-Butanone	6.57	43	205203	102.66	ug/l	98
26) 2,2-Dichloropropane	6.55	77	196276	24.21	ug/l	98
27) cis-1,2-Dichloroethene	6.56	96	215980	20.73	ug/l	94
28) Bromochloromethane	6.94	49	138208	20.72	ug/l	98
29) Chloroform	7.13	83	410140	21.81	ug/l	97
30) Cyclohexane	7.43	56	466489	21.42	ug/l	98
31) 1,1,1-Trichloroethane	7.33	97	331291	22.80	ug/l	94
35) 1,1-Dichloropropene	7.56	75	388326	22.47	ug/l	97
36) Ethyl Acetate	6.67	43	79979	17.96	ug/l #	85
37) Carbon Tetrachloride	7.54	117	302269	21.40	ug/l	98
38) Methylcyclohexane	8.88	83	467822	22.68	ug/l	97

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Instrument :
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Quant Time: May 25 17:36:09 2018
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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	970974	21.51	ug/l #	90
40) Methacrylonitrile	6.92	41	39853	16.45	ug/l #	81
41) 1,2-Dichloroethane	7.91	62	196295	20.02	ug/l	99
42) Isopropyl Acetate	7.96	43	136454	17.79	ug/l	96
43) Trichloroethene	8.63	130	220843	21.27	ug/l	99
44) 1,2-Dichloropropane	8.92	63	222867	21.06	ug/l	99
45) Dibromomethane	9.01	93	87942	21.13	ug/l	94
46) Bromodichloromethane	9.21	83	252225	20.86	ug/l #	99
47) Methyl methacrylate	9.01	41	77764	19.62	ug/l	94
48) 1,4-Dioxane	9.00	88	16359	334.45	ug/l #	74
50) 4-Methyl-2-Pentanone	9.80	43	404446	96.18	ug/l	96
51) Toluene	9.97	92	551863	21.15	ug/l	94
52) t-1,3-Dichloropropene	10.19	75	212095	19.29	ug/l	96
53) cis-1,3-Dichloropropene	9.65	75	281795	20.12	ug/l	98
54) 1,1,2-Trichloroethane	10.38	97	125582	19.88	ug/l	96
55) Ethyl methacrylate	10.25	69	139910	18.48	ug/l	100
56) 1,3-Dichloropropane	10.53	76	228684	20.23	ug/l	95
57) 2-Chloroethyl Vinyl ether	9.51	63	354716	101.69	ug/l	99
58) 2-Hexanone	10.57	43	320305	105.05	ug/l	97
59) Dibromochloromethane	10.73	129	118372	18.02	ug/l	94
60) 1,2-Dibromoethane	10.82	107	106804	19.56	ug/l	100
63) Tetrachloroethene	10.45	164	169082	19.56	ug/l	92
64) Chlorobenzene	11.25	112	561099	21.44	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.33	131	175962	20.71	ug/l	97
66) Ethyl Benzene	11.33	91	1222427	24.36	ug/l	99
67) m/p-Xylenes	11.45	106	844777	45.27	ug/l	87
68) o-Xylene	11.77	106	382921	21.87	ug/l	93
69) Stvrene	11.79	104	603219	22.25	ug/l	99
70) Bromoform	11.95	173	60827	18.85	ug/l	96
72) Isopropylbenzene	12.08	105	1210500	24.94	ug/l	98
73) N-amyl acetate	11.90	43	163782	20.47	ug/l	97
74) 1,1,2,2-Tetrachloroethane	12.32	83	152754	21.38	ug/l	92
75) 1,2,3-Trichloropropane	12.37	75	108435m	21.21	ug/l	
76) Bromobenzene	12.35	156	199440	20.75	ug/l	90
77) n-propylbenzene	12.42	91	1584780	22.34	ug/l	96
78) 2-Chlorotoluene	12.49	91	843809	23.69	ug/l	100
79) 1,3,5-Trimethylbenzene	12.56	105	1020663	24.22	ug/l	96
80) trans-1,4-Dichloro-2-buten	12.12	75	35646	18.54	ug/l	85
81) 4-Chlorotoluene	12.60	91	1017421	23.50	ug/l	96
82) tert-Butylbenzene	12.82	119	1039574	28.31	ug/l	98
83) 1,2,4-Trimethylbenzene	12.86	105	1030746	24.12	ug/l	96
84) sec-Butylbenzene	13.00	105	1320099	25.51	ug/l	95
85) p-Isopropyltoluene	13.12	119	1075382	24.72	ug/l	97
86) 1,3-Dichlorobenzene	13.10	146	438732	21.63	ug/l	99
87) 1,4-Dichlorobenzene	13.19	146	427290	21.68	ug/l	98
88) n-Butylbenzene	13.44	91	1158460	24.86	ug/l	97
89) Hexachloroethane	13.70	117	150862	19.99	ug/l	96
90) 1,2-Dichlorobenzene	13.47	146	367420	21.67	ug/l	99
91) 1,2-Dibromo-3-Chloropropan	14.09	75	18498	17.97	ug/l	93
92) 1,2,4-Trichlorobenzene	14.73	180	224539	19.82	ug/l	92

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Misc : 5.00g/5mL/MSVOA T/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

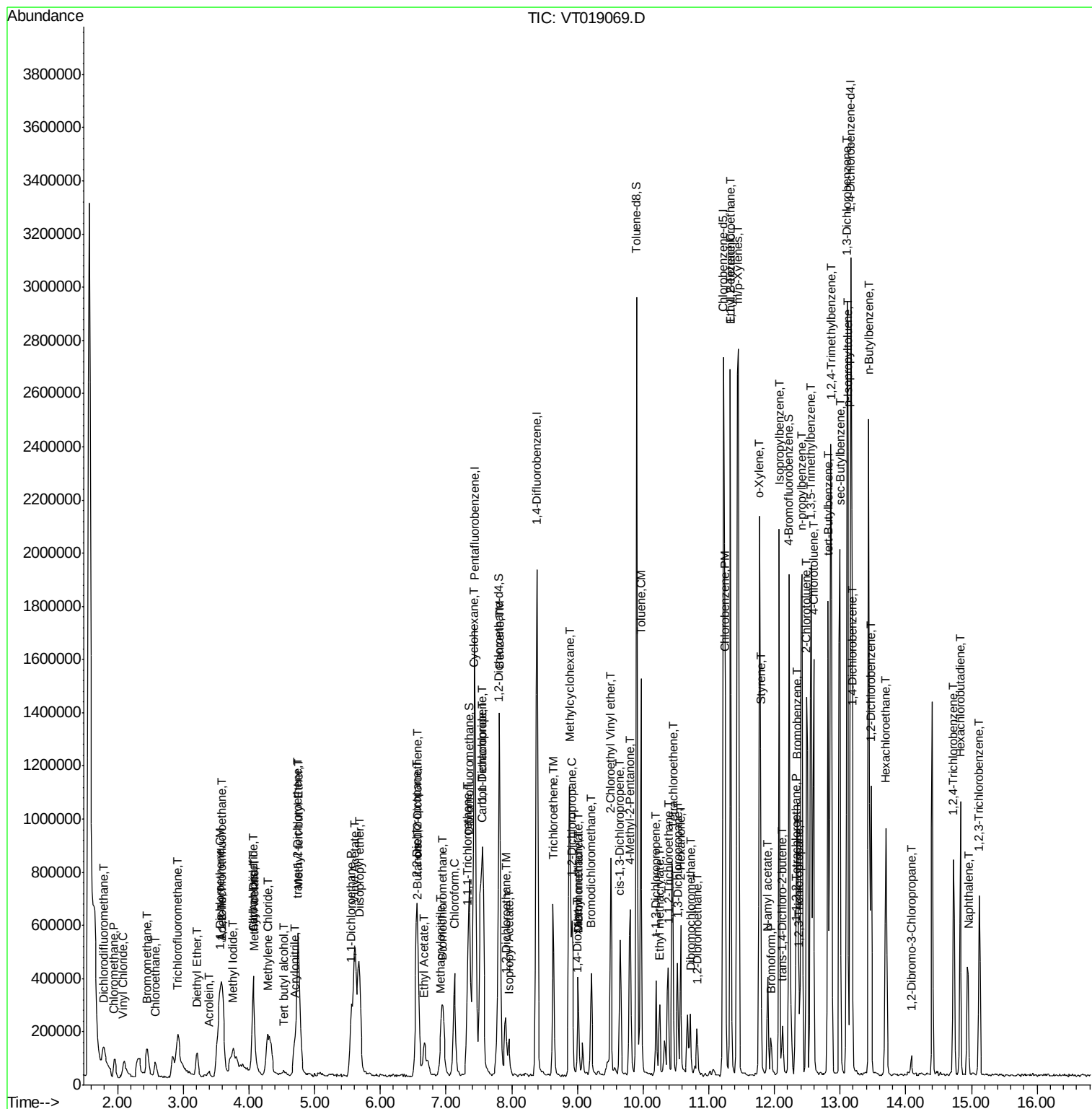
Quant Time: May 25 17:36:09 2018
Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
Quant Title : SW846 8260
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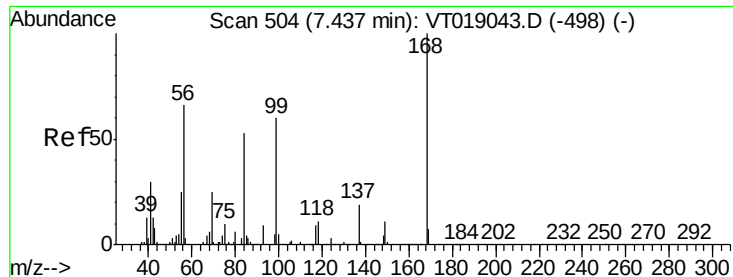
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	167427	20.23	ug/l	98
94) Naphthalene	14.95	128	318791	17.42	ug/l	96
95) 1,2,3-Trichlorobenzene	15.12	180	175599	18.77	ug/l	93

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

Instrument :
MSVOA_T
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VT0510SBS01

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Quant Title : SW846 8260
QLast Update : Thu May 10 07:01:04 2018
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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: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

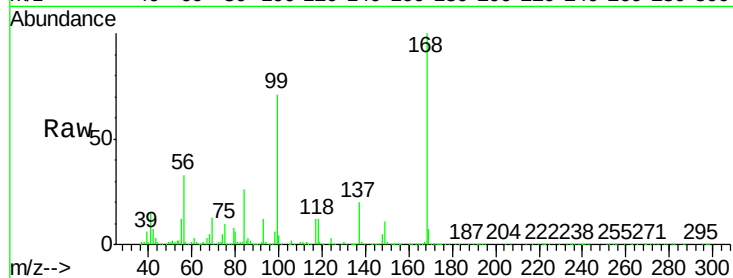
VT0510SBS01

Tot Ion:168 Resp: 880838

Ion Ratio Lower Upper

168 100

99 71.4 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.44

400000

300000

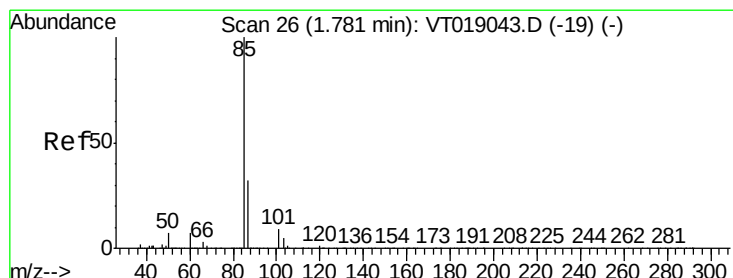
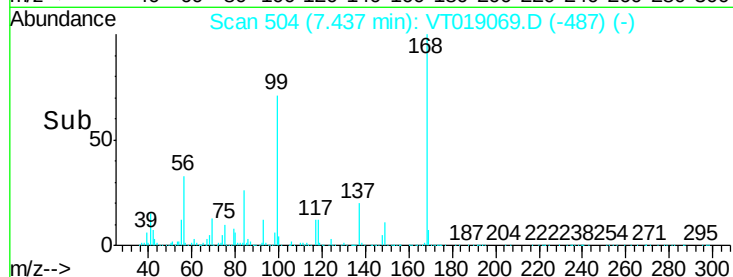
200000

100000

0

7.30 7.40 7.50 7.60

Time-->



#2

Dichlorodifluoromethane

Concen: 19.44 ug/l

RT: 1.79 min Scan# 27

Delta R.T. 0.01 min

Lab File: VT019069.D

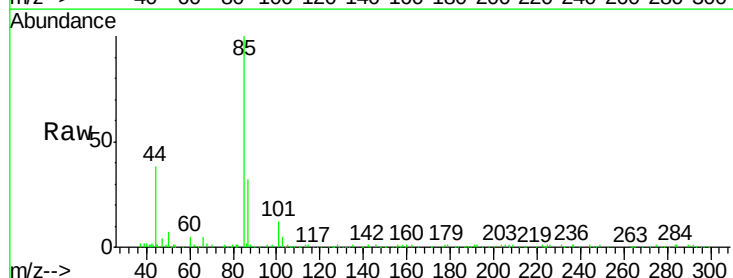
Acq: 10 May 2018 11:32

Tgt Ion: 85 Resp: 219071

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VT0

Ion 87.00 (86.70 to 87.70): VT0

1.79

50000

40000

30000

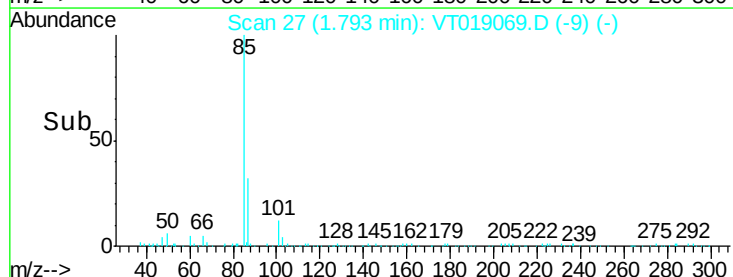
20000

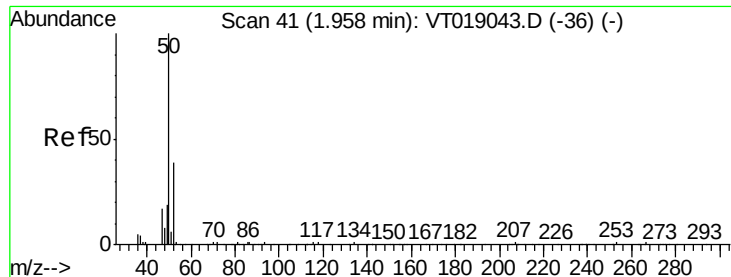
10000

0

1.60 1.70 1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 24.64 ug/l

RT: 1.95 min Scan# 40

Delta R.T. -0.01 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

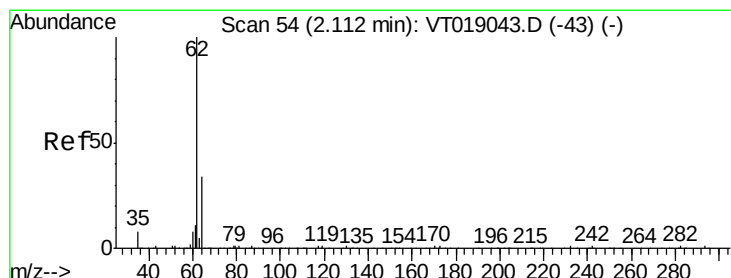
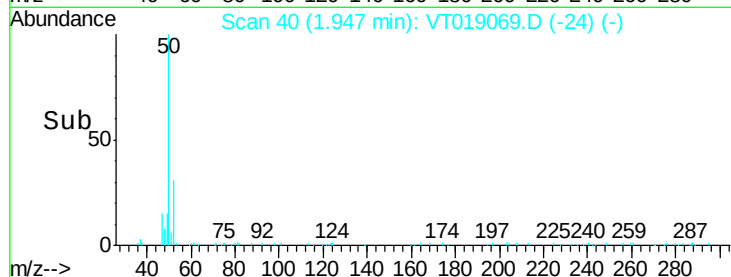
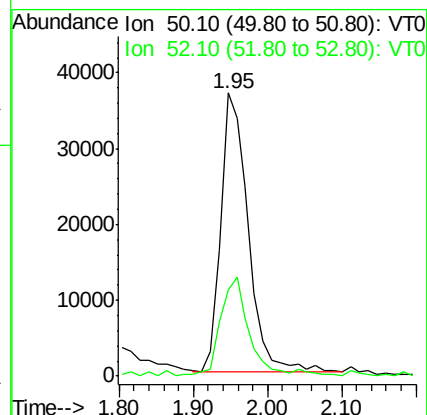
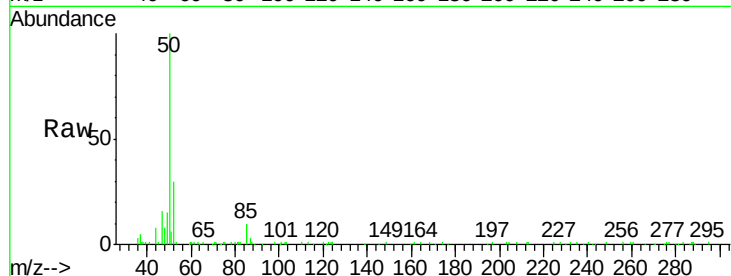
VT0510SBS01

Tot Ion: 50 Resp: 94625

Ion Ratio Lower Upper

50 100

52 30.3 30.1 45.1



#4

Vinyl Chloride

Concen: 21.12 ug/l

RT: 2.09 min Scan# 52

Delta R.T. -0.02 min

Lab File: VT019069.D

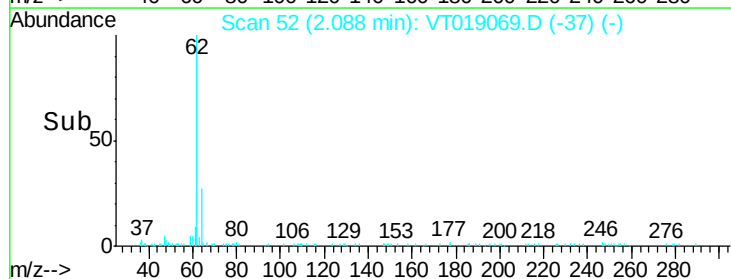
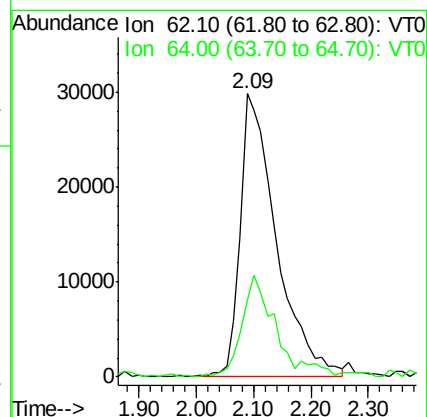
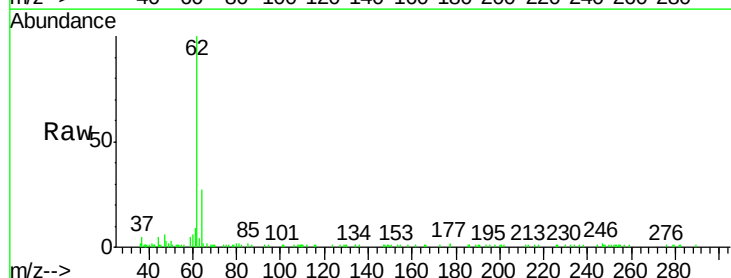
Acq: 10 May 2018 11:32

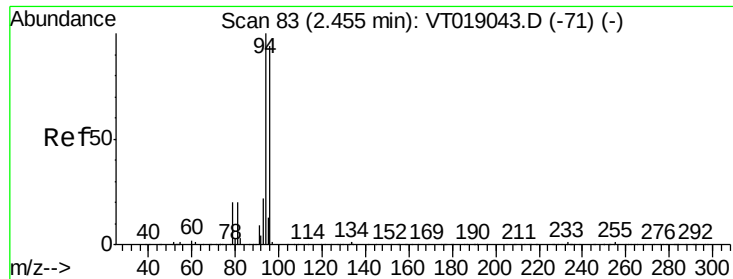
Tgt Ion: 62 Resp: 131242

Ion Ratio Lower Upper

62 100

64 27.1 27.0 40.4





#5

Bromomethane

Concen: 21.98 ug/l

RT: 2.44 min Scan# 82

Delta R.T. -0.01 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

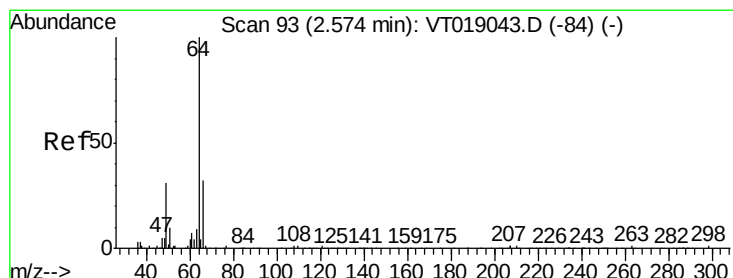
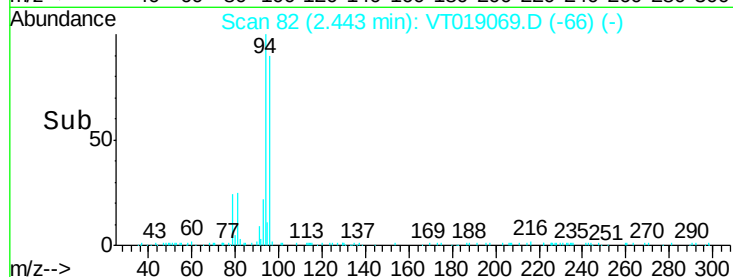
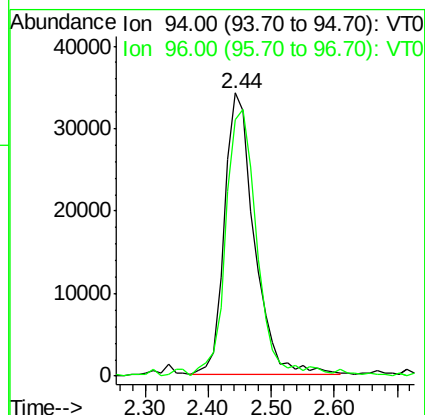
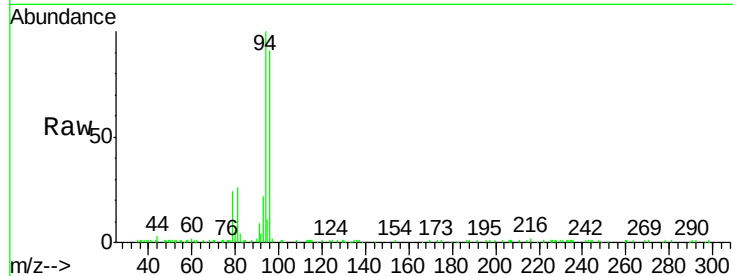
VT0510SBS01

Tot Ion: 94 Resp: 111448

Ion Ratio Lower Upper

94 100

96 90.8 75.3 112.9



#6

Chloroethane

Concen: 21.19 ug/l

RT: 2.57 min Scan# 93

Delta R.T. -0.00 min

Lab File: VT019069.D

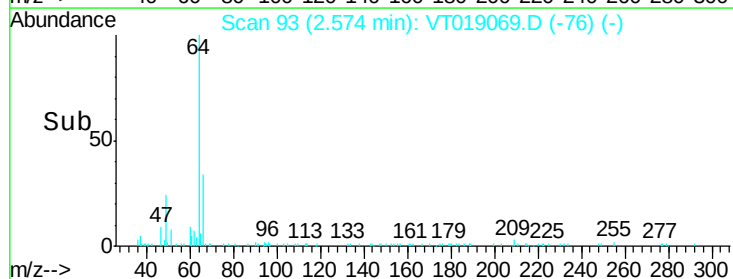
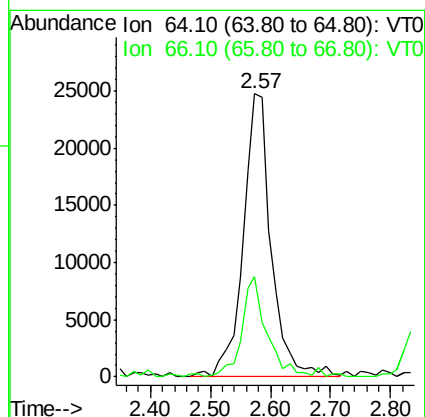
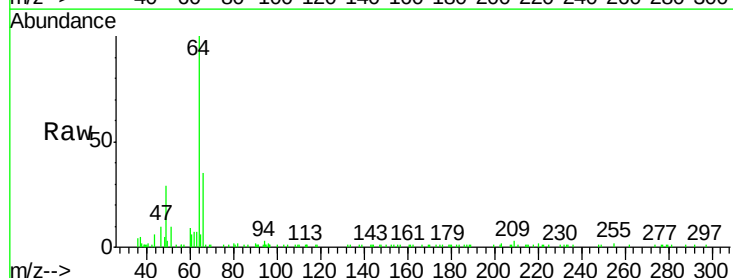
Acq: 10 May 2018 11:32

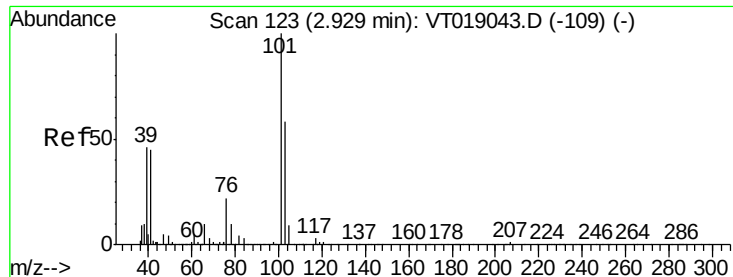
Tgt Ion: 64 Resp: 80800

Ion Ratio Lower Upper

64 100

66 35.4 25.8 38.8



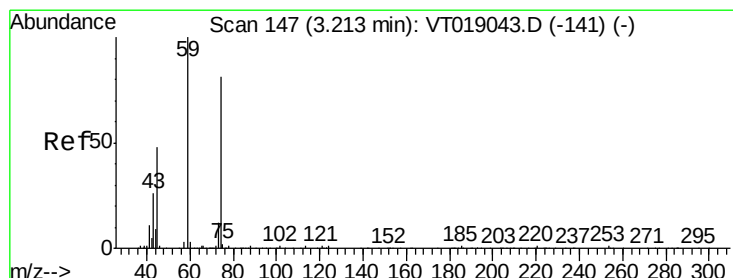
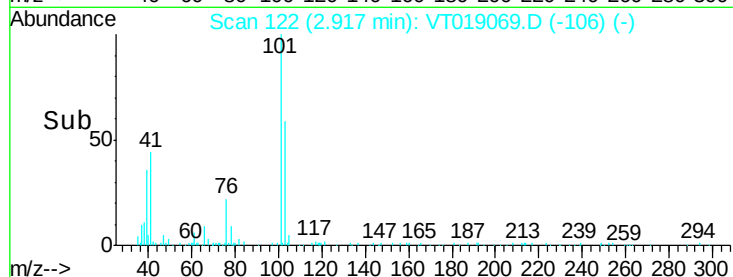
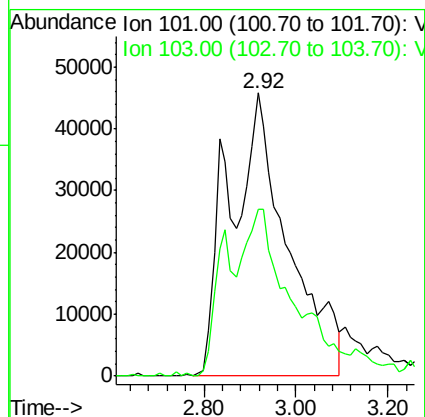
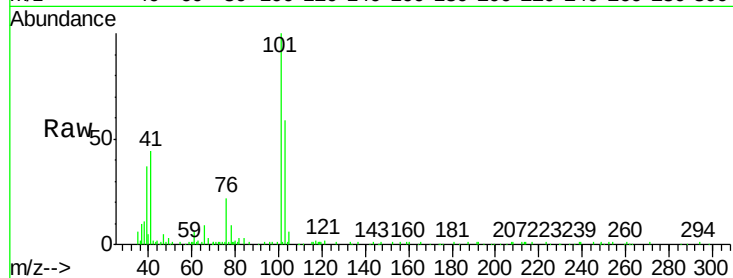


#7

Trichlorofluoromethane
 Concen: 24.22 ug/l m
 RT: 2.92 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

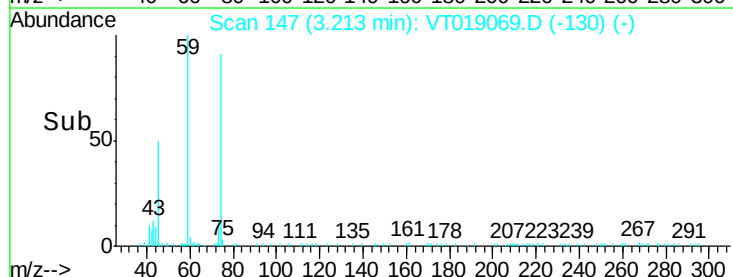
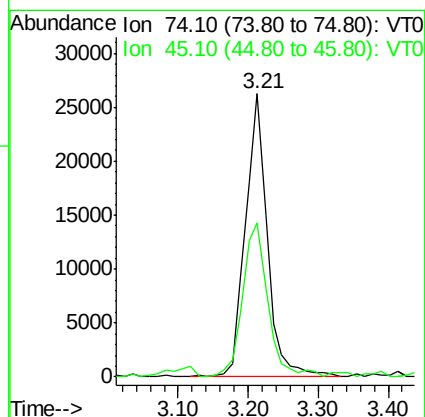
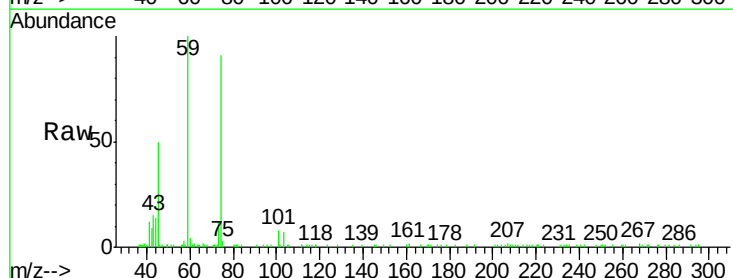
Tot Ion:101 Resp: 404136
 Ion Ratio Lower Upper
 101 100
 103 58.7 46.5 69.7

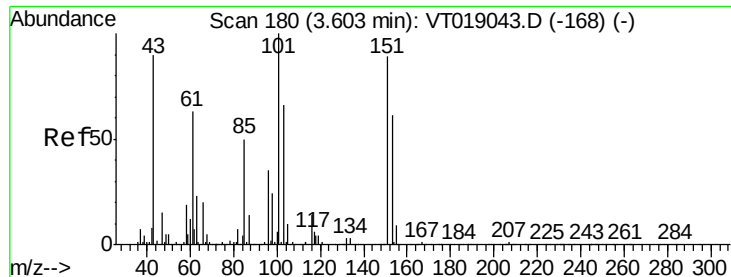


#8

Diethyl Ether
 Concen: 22.66 ug/l
 RT: 3.21 min Scan# 147
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

Tgt Ion: 74 Resp: 57388
 Ion Ratio Lower Upper
 74 100
 45 54.7 29.8 89.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.69 ug/l

RT: 3.59 min Scan# 179

Delta R.T. -0.01 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

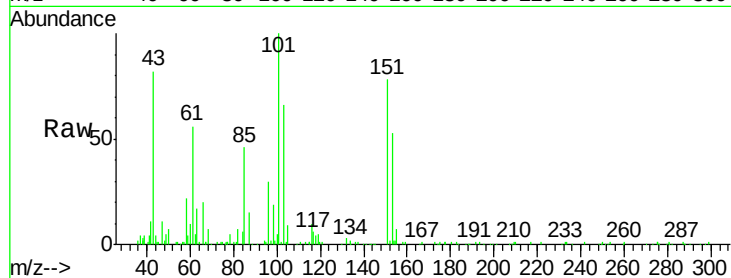
Tot Ion:101 Resp: 215844

Ion Ratio Lower Upper

101 100

85 45.7 39.5 59.3

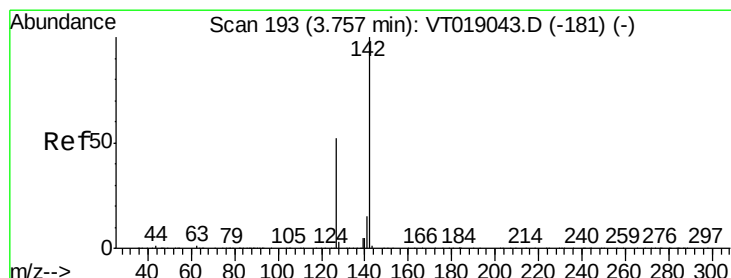
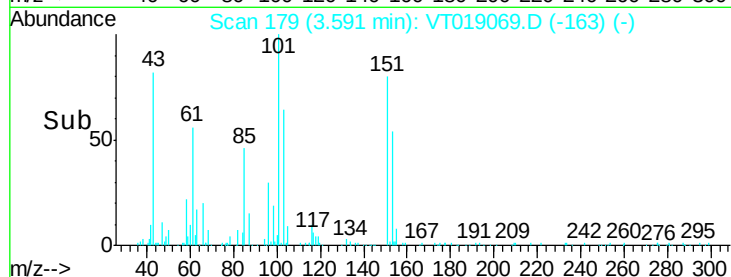
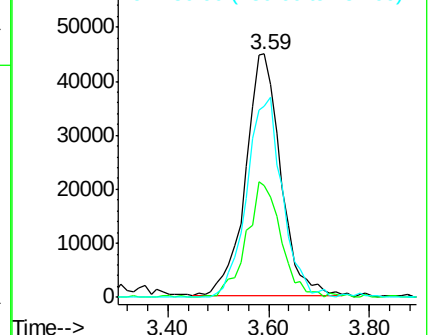
151 78.4 69.9 104.9



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: 24.76 ug/l

RT: 3.76 min Scan# 193

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

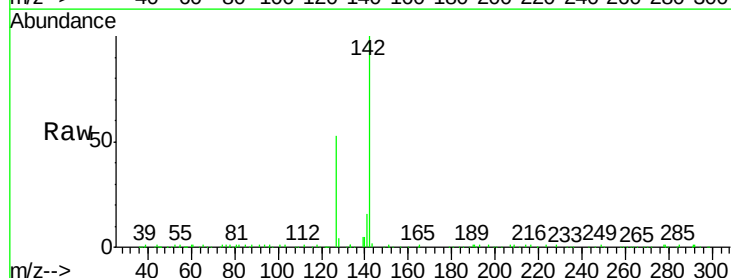
Tgt Ion:142 Resp: 290575

Ion Ratio Lower Upper

142 100

127 52.9 41.8 62.8

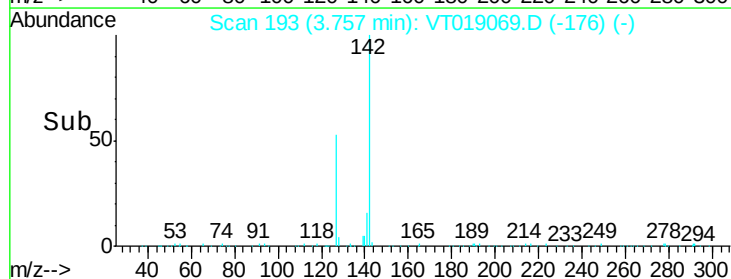
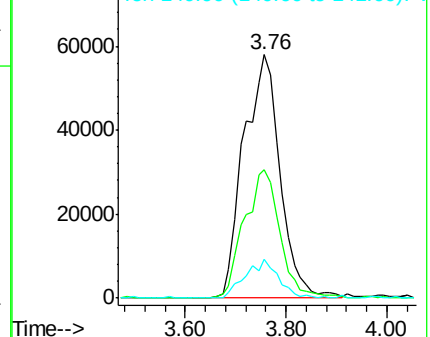
141 15.8 12.0 18.0

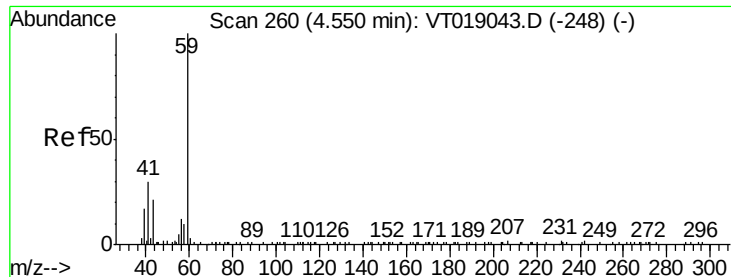


Abundance Ion 141.90 (141.60 to 142.60): V

Ion 126.90 (126.60 to 127.60): V

Ion 140.90 (140.60 to 141.60): V



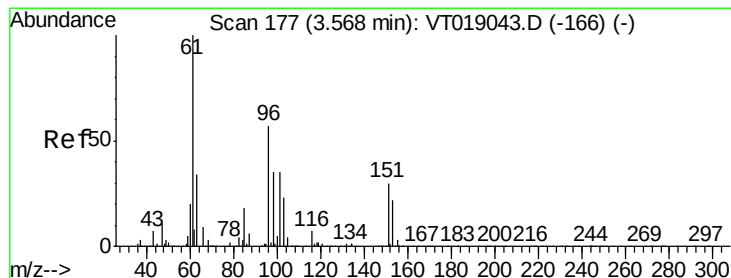
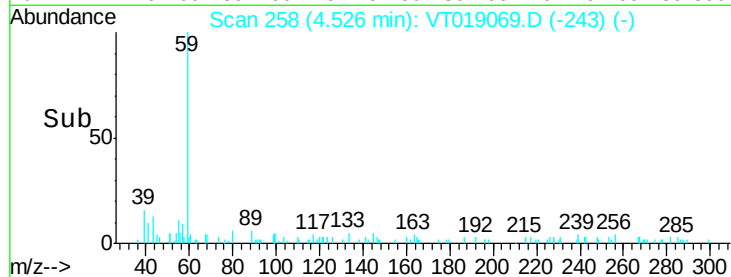
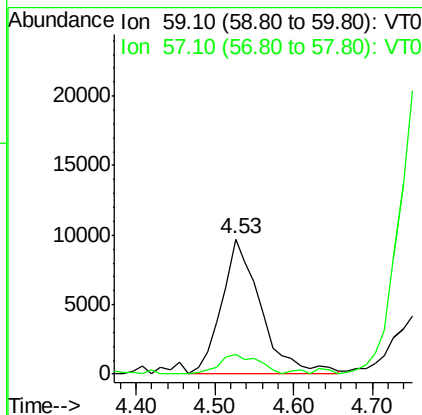
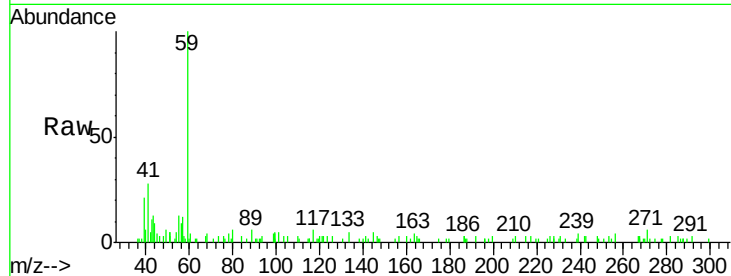


#11

Tert butyl alcohol
Concen: 79.38 ug/l
RT: 4.53 min Scan# 258
Delta R.T. -0.02 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

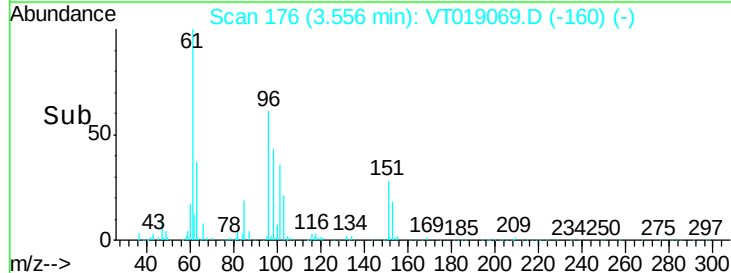
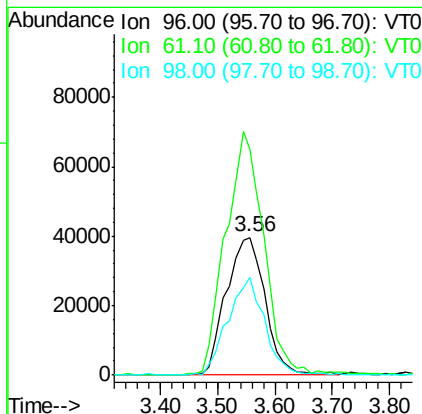
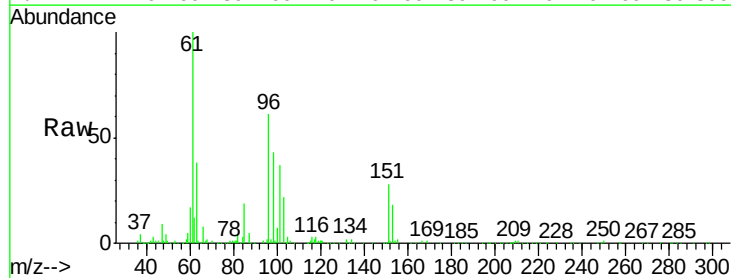
Tot Ion: 59 Resp: 33565
Ion Ratio Lower Upper
59 100
57 13.9 7.7 11.5#

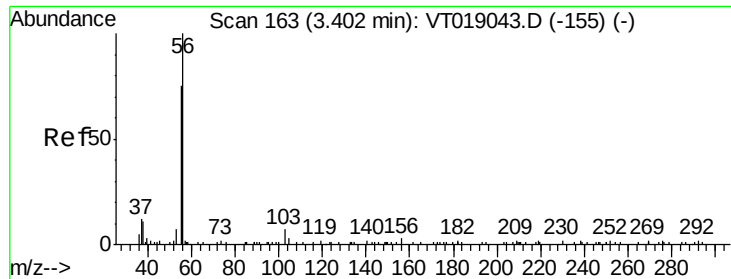


#12

1,1-Dichloroethene
Concen: 25.85 ug/l
RT: 3.56 min Scan# 176
Delta R.T. -0.01 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

Tgt Ion: 96 Resp: 185620
Ion Ratio Lower Upper
96 100
61 164.4 139.4 209.2
98 71.1 49.4 74.2





#13

Acrolein

Concen: 115.77 ug/l

RT: 3.39 min Scan# 162

Delta R.T. -0.01 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

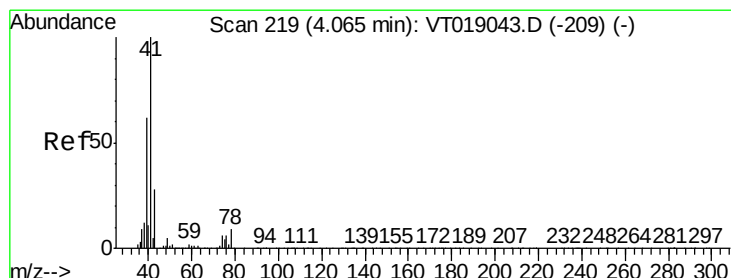
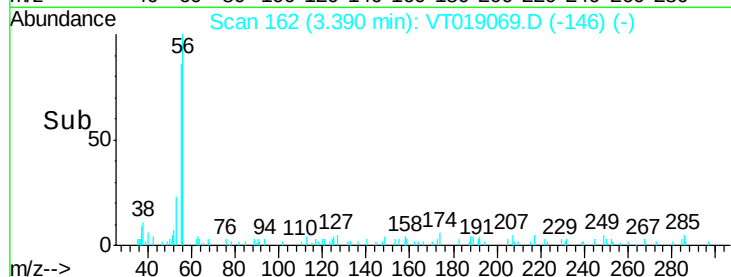
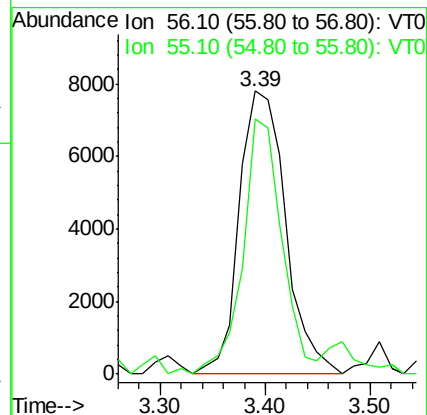
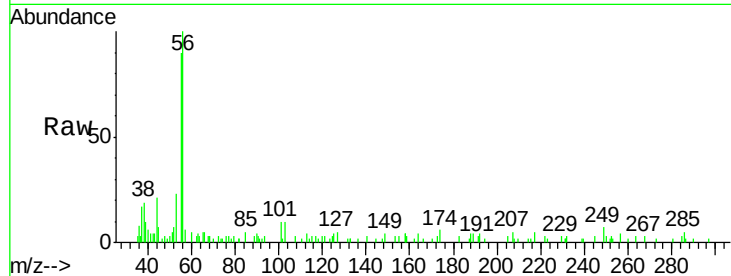
VT0510SBS01

Tot Ion: 56 Resp: 23897

Ion Ratio Lower Upper

56 100

55 90.0 60.8 91.2



#14

Allyl chloride

Concen: 23.66 ug/l

RT: 4.06 min Scan# 219

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

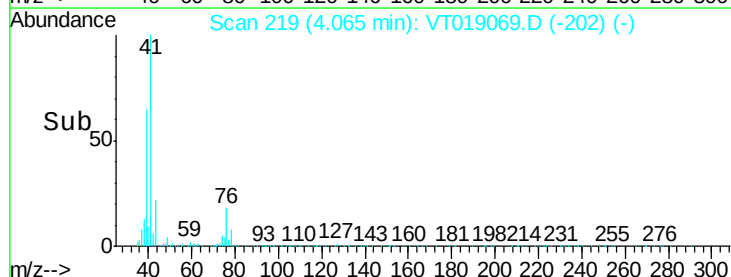
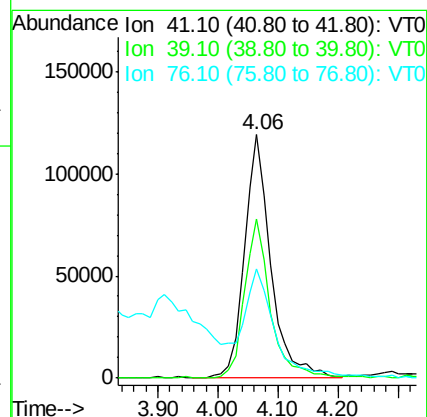
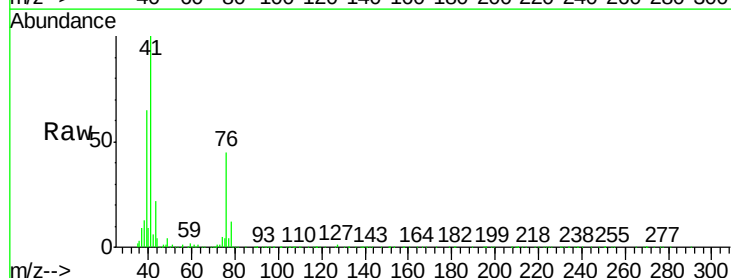
Tgt Ion: 41 Resp: 366562

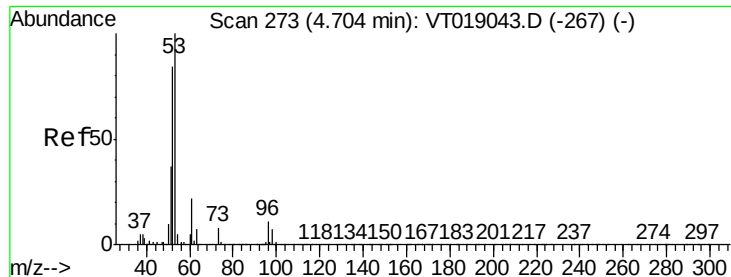
Ion Ratio Lower Upper

41 100

39 65.4 49.5 74.3

76 44.7 44.0 66.0





#15

Acrylonitrile

Concen: 99.38 ug/l

RT: 4.69 min Scan# 272

Delta R.T. -0.01 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

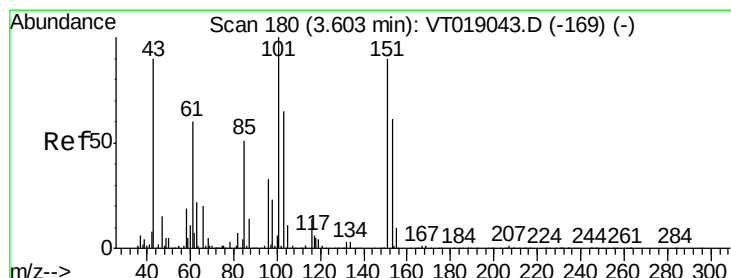
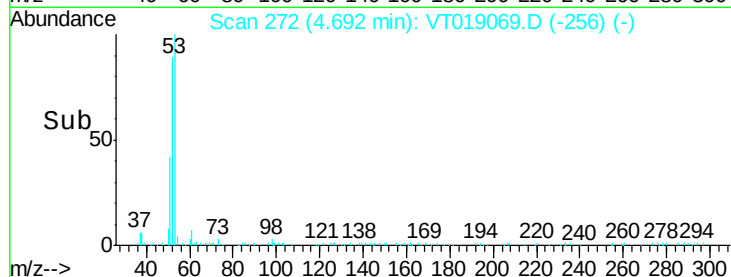
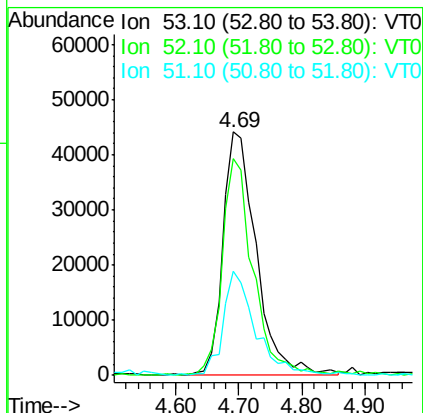
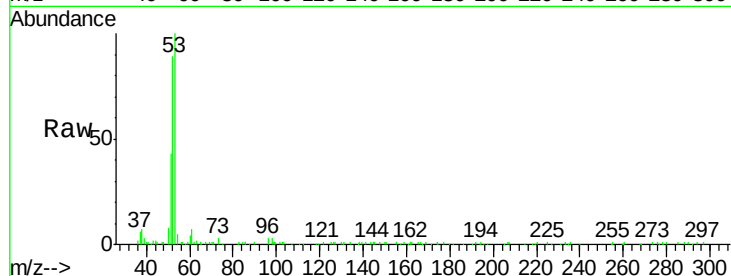
Tot Ion: 53 Resp: 161877

Ion Ratio Lower Upper

53 100

52 88.9 67.4 101.0

51 42.8 29.6 44.4



#16

Acetone

Concen: 117.58 ug/l

RT: 3.59 min Scan# 179

Delta R.T. -0.01 min

Lab File: VT019069.D

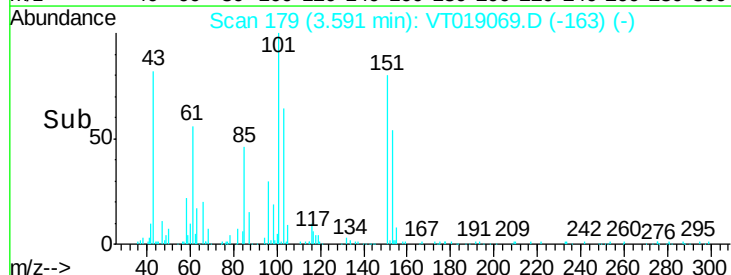
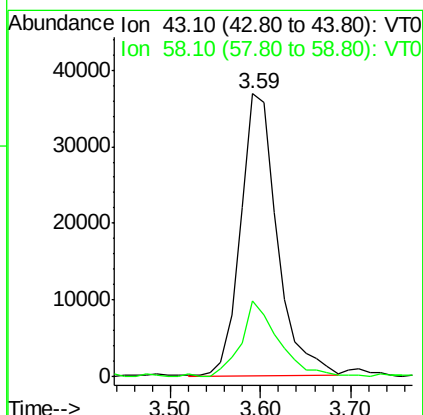
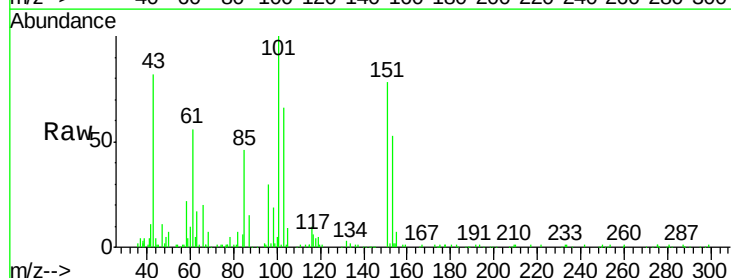
Acq: 10 May 2018 11:32

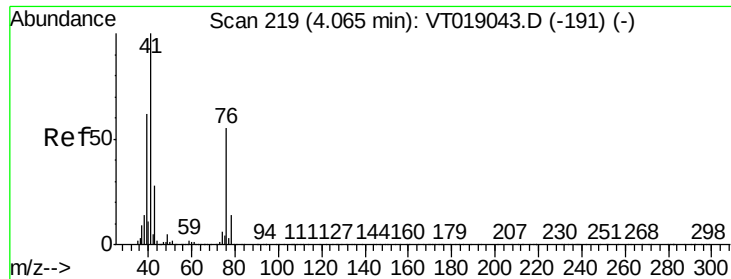
Tgt Ion: 43 Resp: 104362

Ion Ratio Lower Upper

43 100

58 26.8 16.7 25.1#

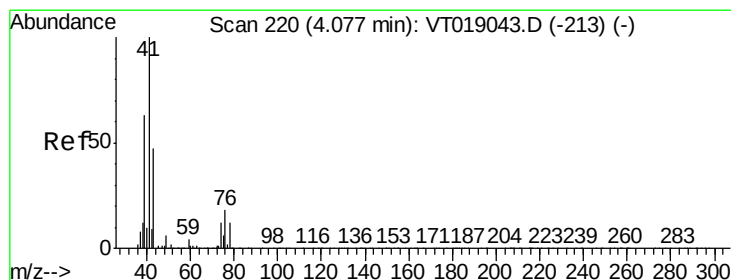
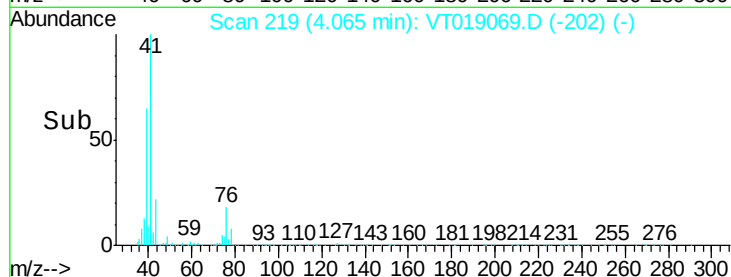
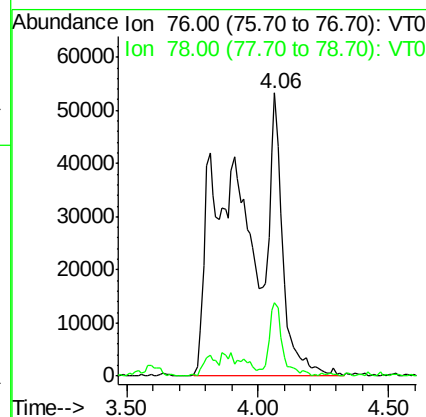
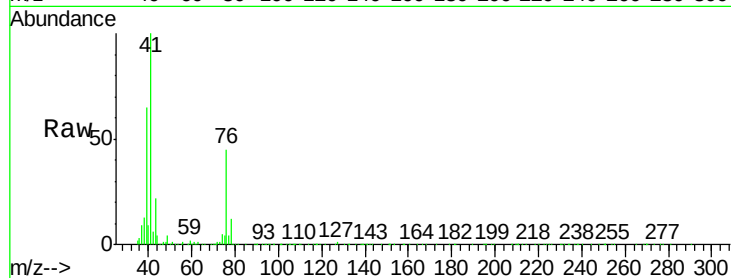




#17
Carbon Disulfide
Concen: 21.39 ug/l m
RT: 4.06 min Scan# 219
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

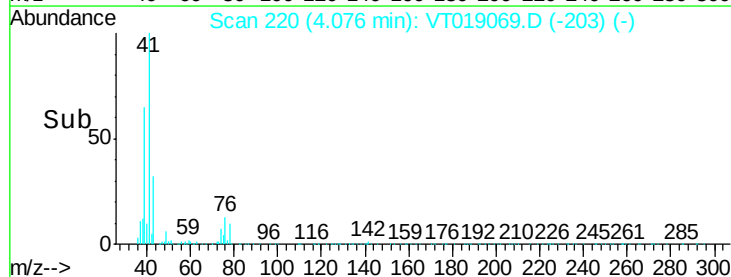
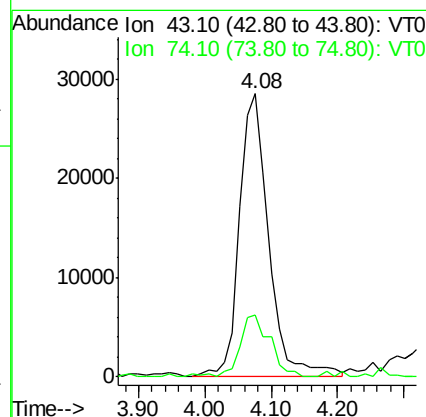
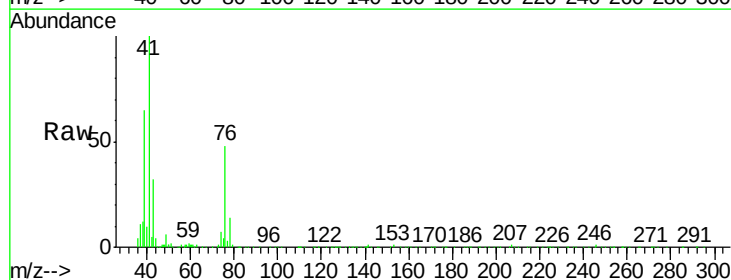
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

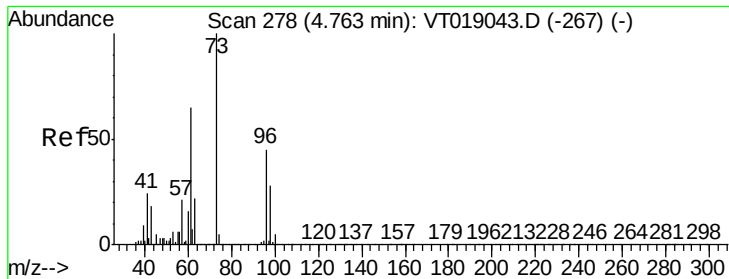
Tot Ion: 76 Resp: 634043
Ion Ratio Lower Upper
76 100
78 26.0 19.8 29.8



#18
Methyl Acetate
Concen: 19.27 ug/l
RT: 4.08 min Scan# 220
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

Tgt Ion: 43 Resp: 87870
Ion Ratio Lower Upper
43 100
74 21.8 19.8 29.8

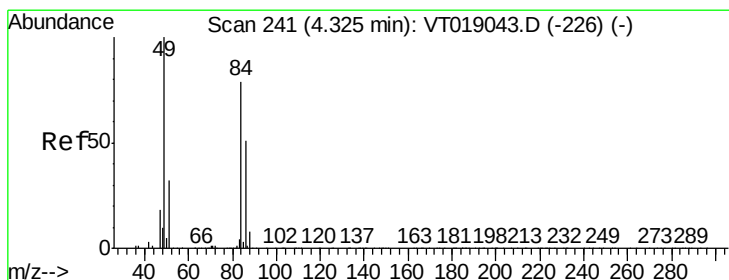
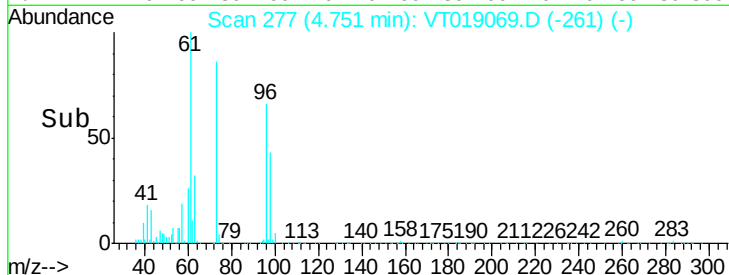
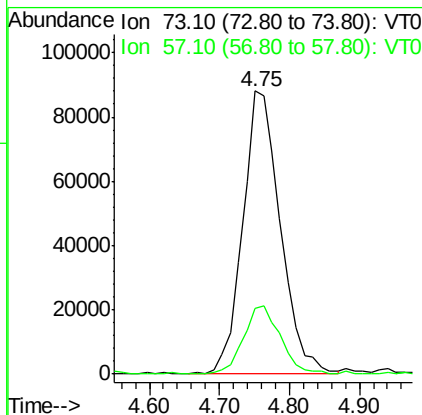
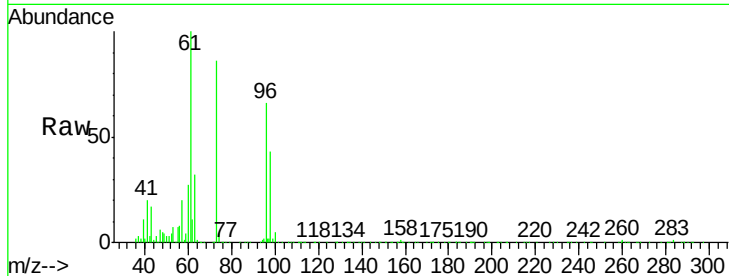




#19
Methyl tert-butyl Ether
Concen: 18.42 ug/l
RT: 4.75 min Scan# 277
Delta R.T. -0.01 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

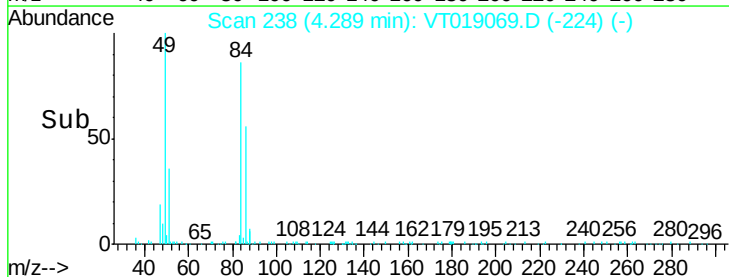
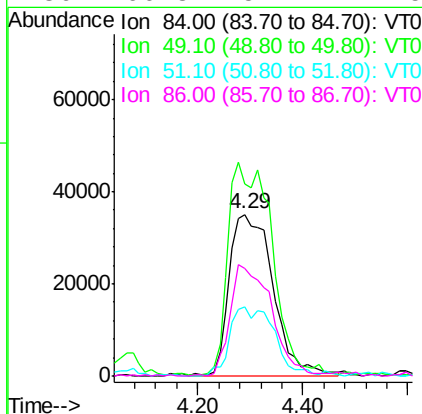
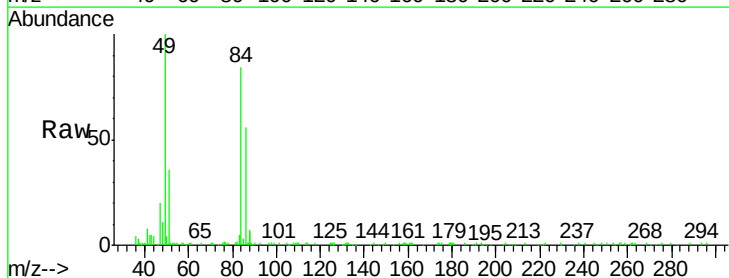
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

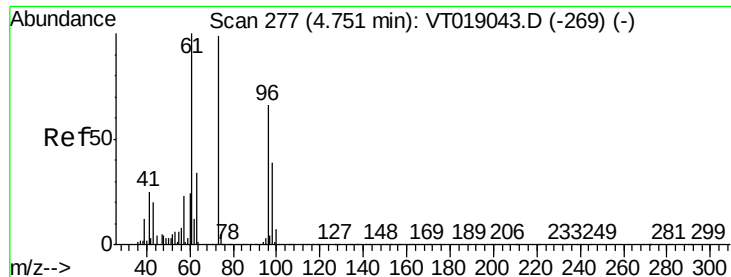
Tot Ion: 73 Resp: 331387
Ion Ratio Lower Upper
73 100
57 23.1 16.6 25.0



#20
Methylene Chloride
Concen: 21.26 ug/l
RT: 4.29 min Scan# 238
Delta R.T. -0.04 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

Tgt Ion: 84 Resp: 203255
Ion Ratio Lower Upper
84 100
49 118.7 103.0 154.4
51 43.4 33.3 49.9
86 66.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 22.20 ug/l

RT: 4.74 min Scan# 276

Delta R.T. -0.01 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

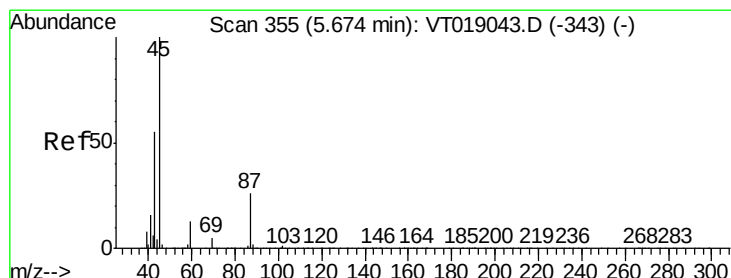
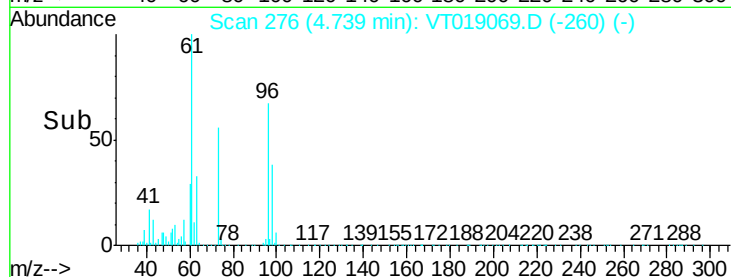
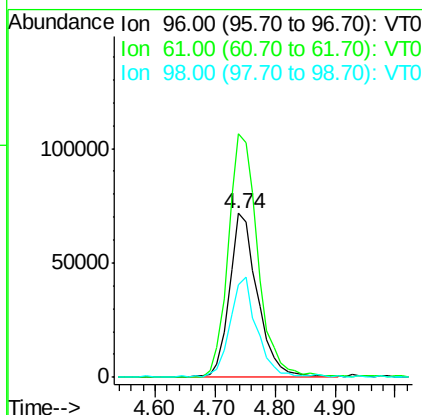
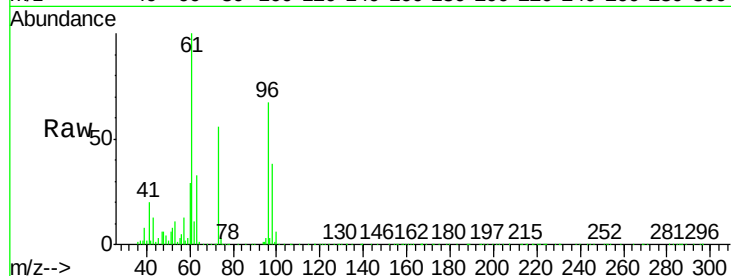
Tot Ion: 96 Resp: 235329

Ion Ratio Lower Upper

96 100

61 148.7 120.8 181.2

98 56.3 47.4 71.2



#22

Diisopropyl ether

Concen: 20.92 ug/l

RT: 5.67 min Scan# 355

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Tgt Ion: 45 Resp: 601226

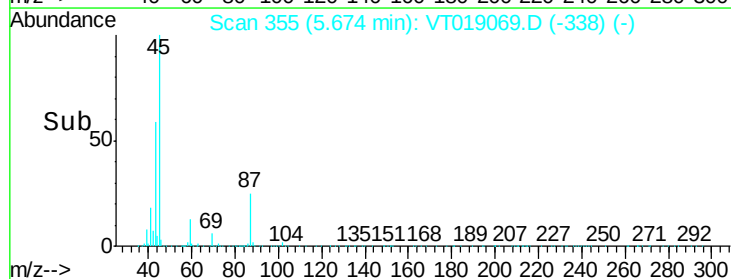
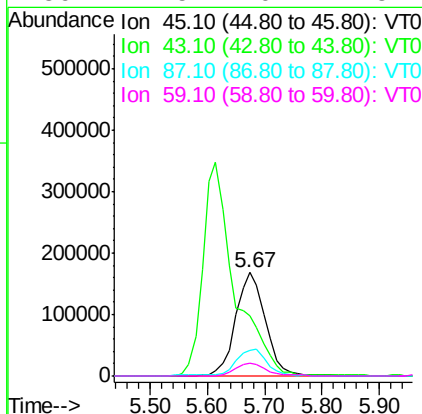
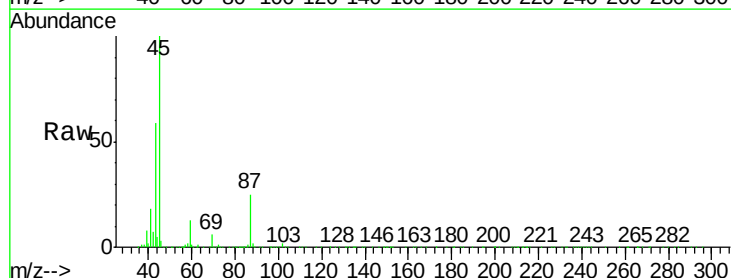
Ion Ratio Lower Upper

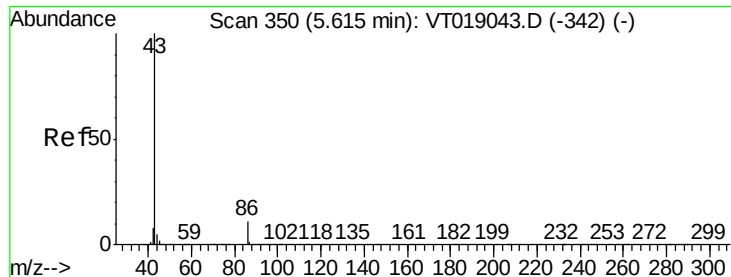
45 100

43 58.6 43.8 65.6

87 25.1 20.8 31.2

59 12.5 10.2 15.4





#23

Vinyl Acetate

Concen: 105.31 ug/l

RT: 5.61 min Scan# 350

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

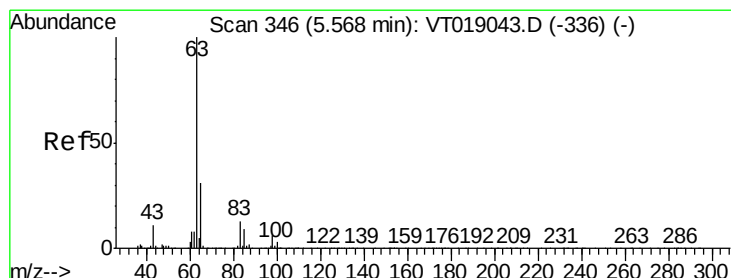
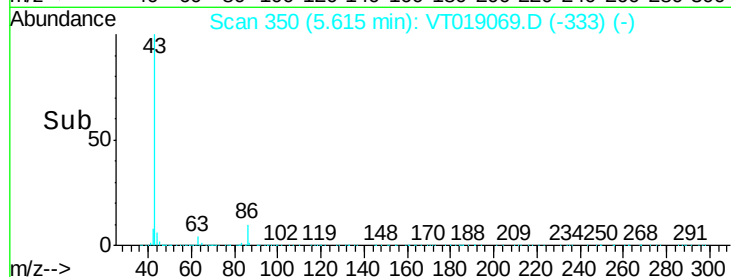
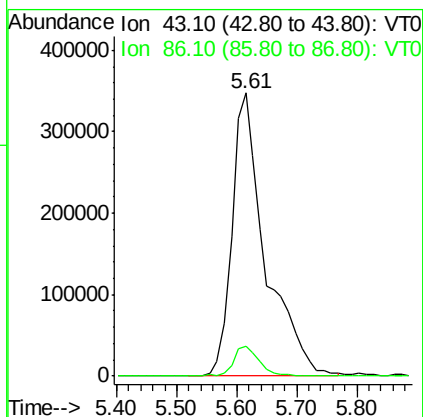
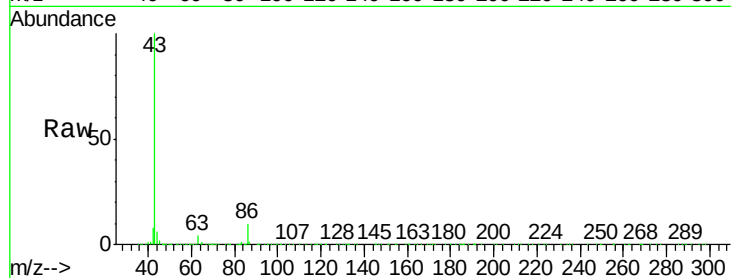
VT0510SBS01

Tot Ion: 43 Resp: 1343195

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.38 ug/l

RT: 5.56 min Scan# 345

Delta R.T. -0.01 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

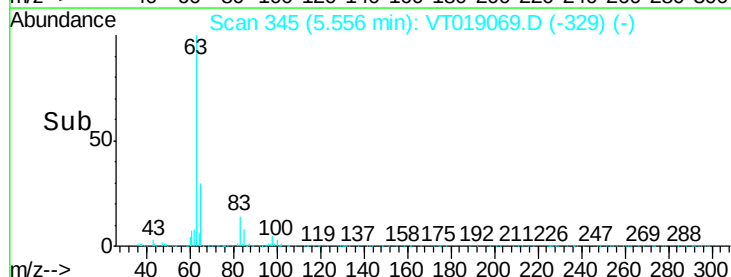
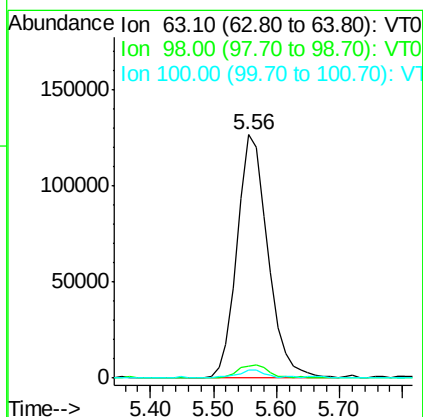
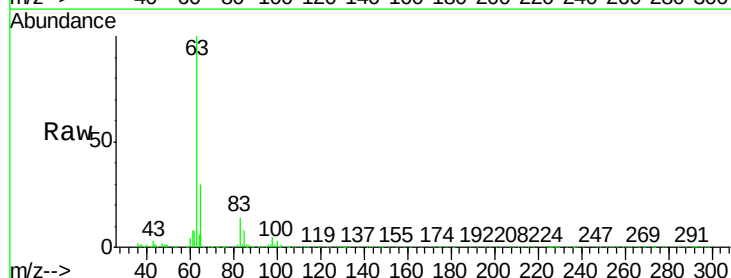
Tgt Ion: 63 Resp: 429559

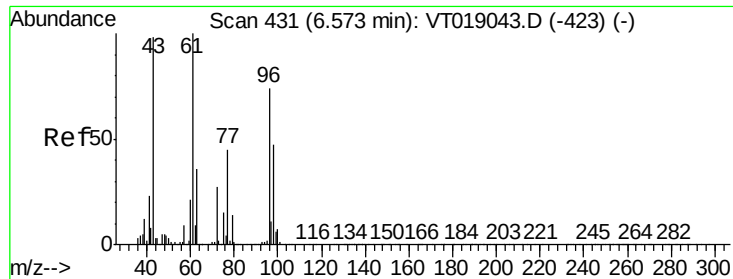
Ion Ratio Lower Upper

63 100

98 5.1 2.8 8.4

100 3.4 1.7 5.1

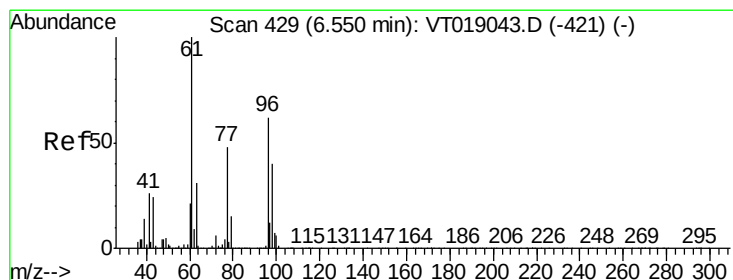
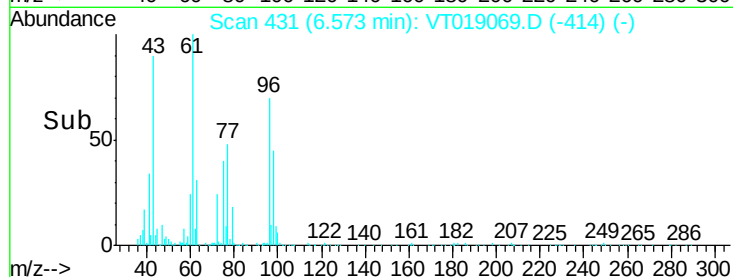
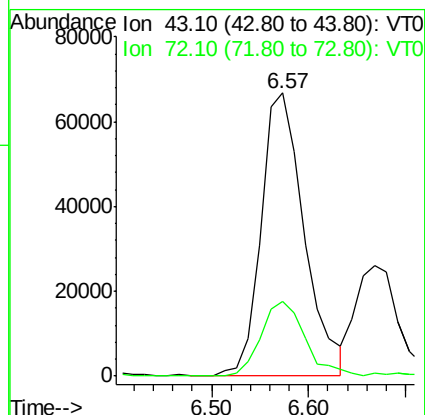
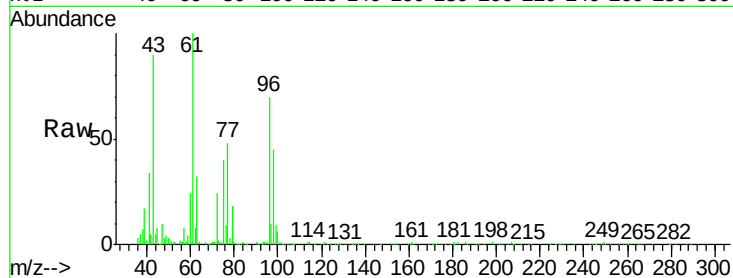




#25
2-Butanone
Concen: 102.66 ug/l
RT: 6.57 min Scan# 431
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

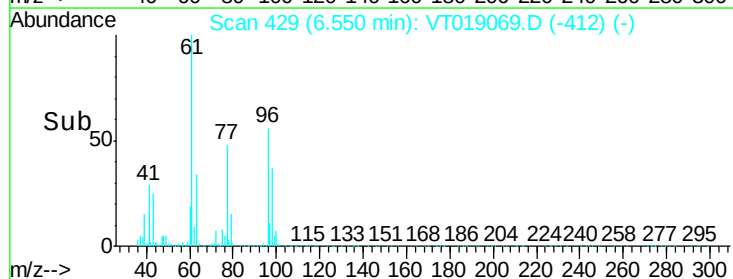
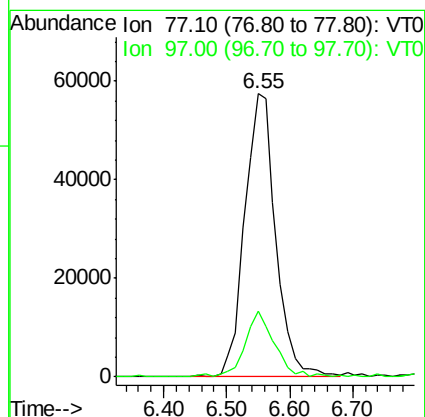
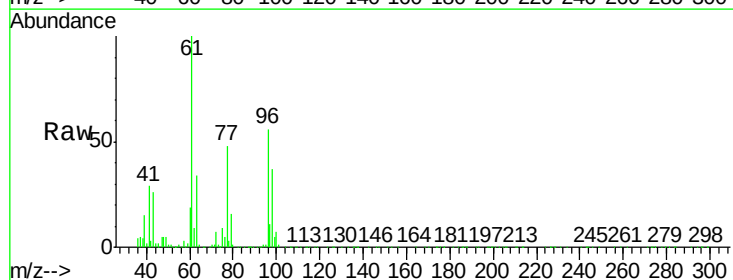
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

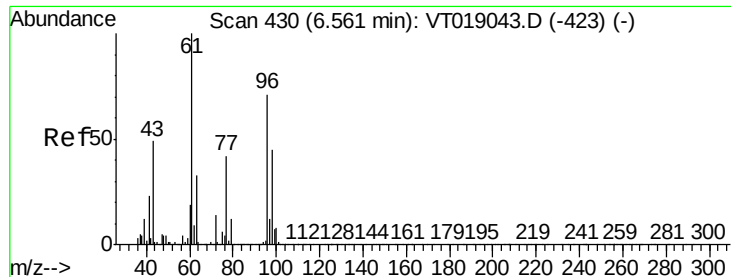
Tot Ion: 43 Resp: 205203
Ion Ratio Lower Upper
43 100
72 26.3 22.1 33.1



#26
2,2-Dichloropropane
Concen: 24.21 ug/l
RT: 6.55 min Scan# 429
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

Tgt Ion: 77 Resp: 196276
Ion Ratio Lower Upper
77 100
97 23.3 12.2 36.4



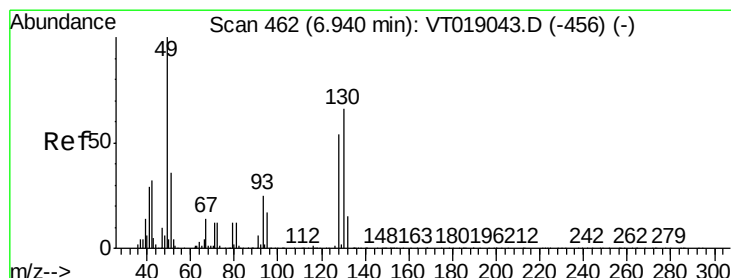
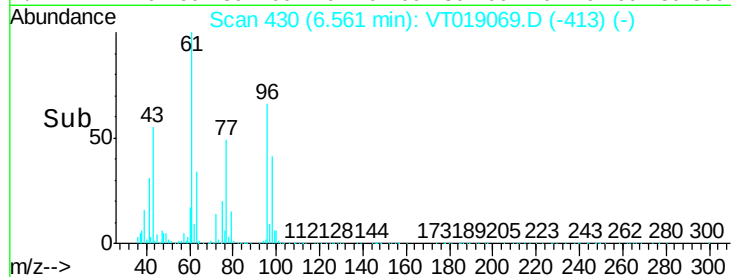
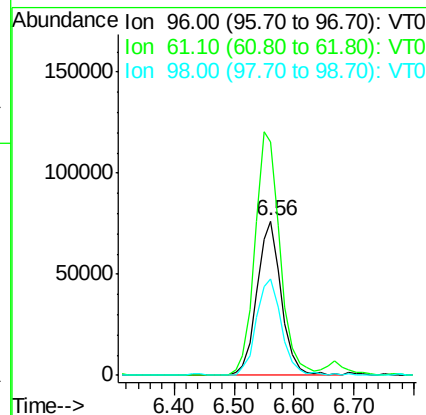
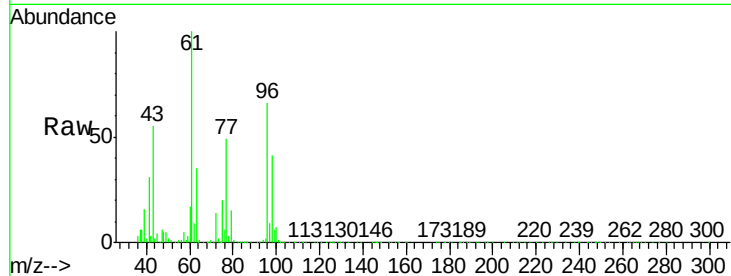


#27

cis-1,2-Dichloroethene
 Concen: 20.73 ug/l
 RT: 6.56 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

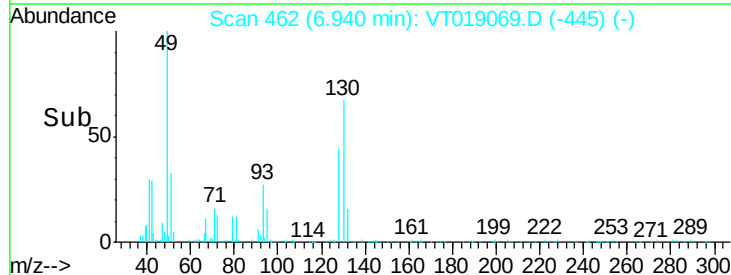
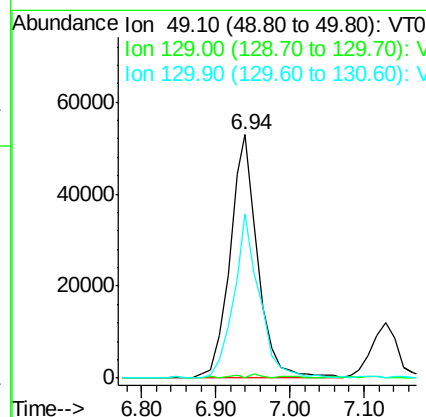
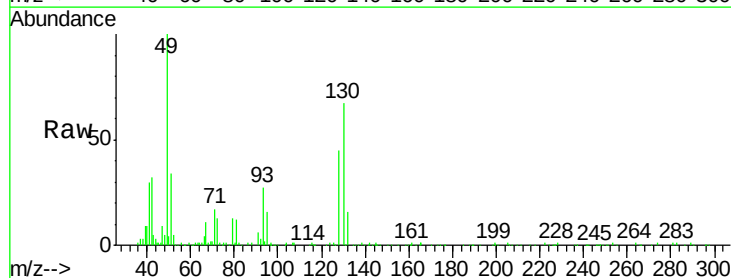
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	282.0
98	62.4	0.0	125.8

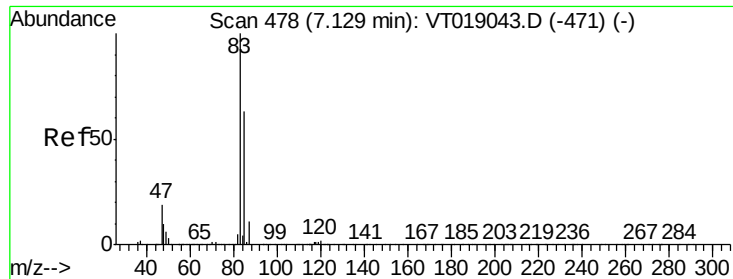


#28

Bromochloromethane
 Concen: 20.72 ug/l
 RT: 6.94 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	67.3	52.4	78.6

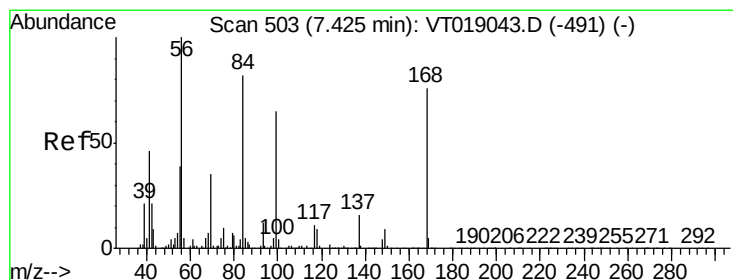
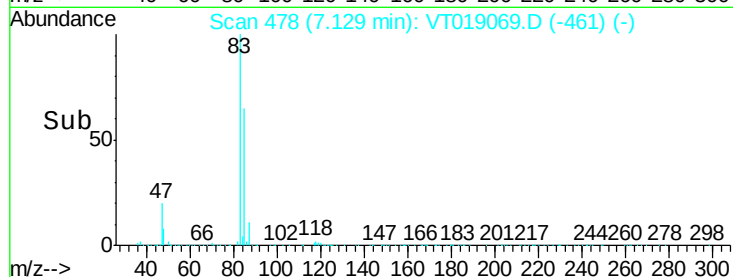
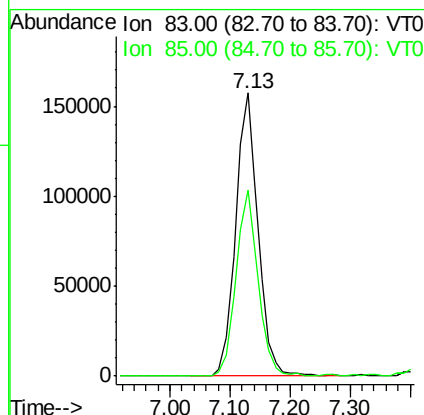
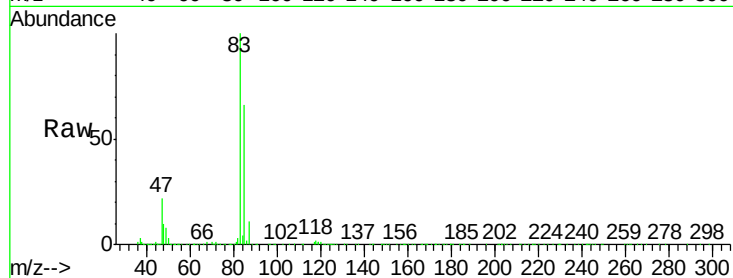




#29
Chloroform
Concen: 21.81 ug/l
RT: 7.13 min Scan# 478
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

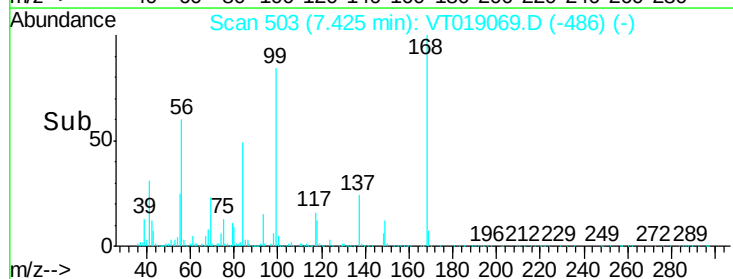
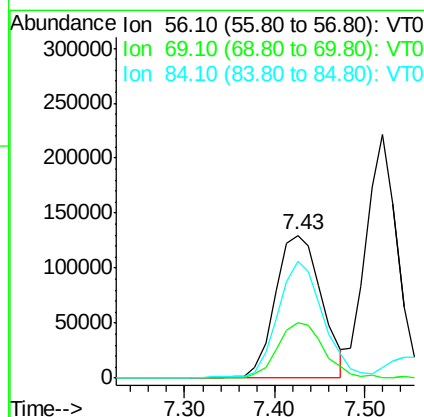
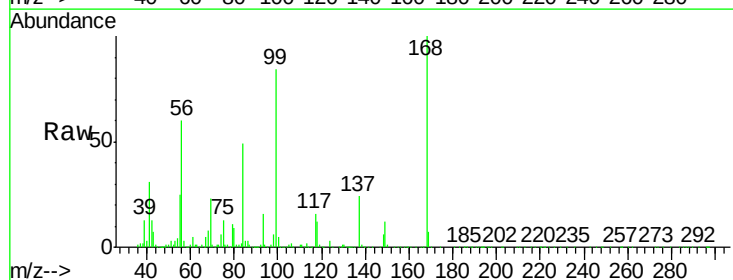
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

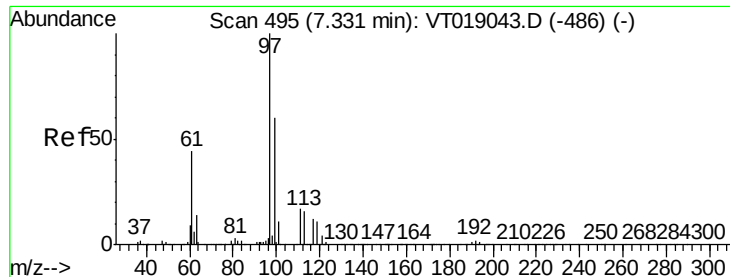
Tot Ion: 83 Resp: 410140
Ion Ratio Lower Upper
83 100
85 65.7 50.6 76.0



#30
Cyclohexane
Concen: 21.42 ug/l
RT: 7.43 min Scan# 503
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

Tgt Ion: 56 Resp: 466489
Ion Ratio Lower Upper
56 100
69 38.8 28.2 42.2
84 81.5 65.6 98.4





#31

1,1,1-Trichloroethane

Concen: 22.80 ug/l

RT: 7.33 min Scan# 495

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

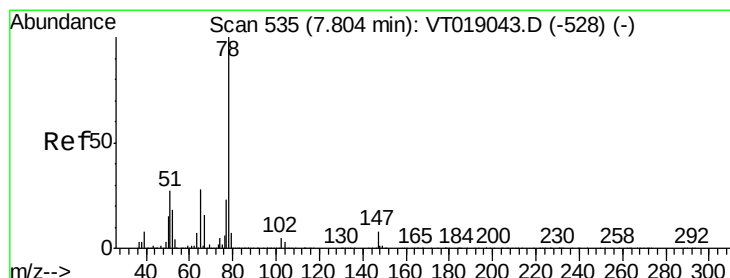
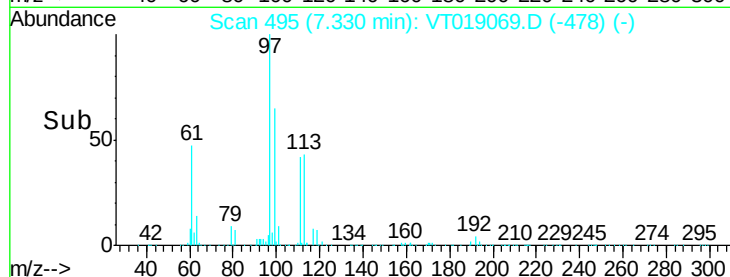
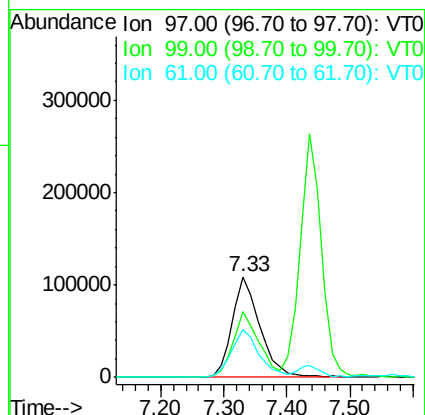
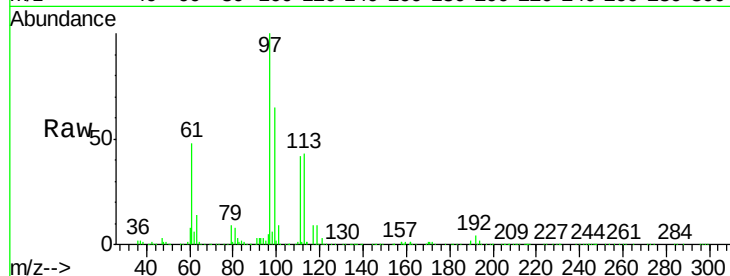
Tot Ion: 97 Resp: 331291

Ion Ratio Lower Upper

97 100

99 65.1 47.6 71.4

61 47.5 35.3 52.9



#32

1,2-Dichloroethane-d4

Concen: 53.99 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019069.D

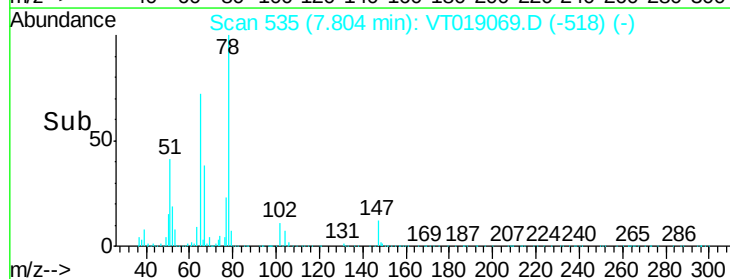
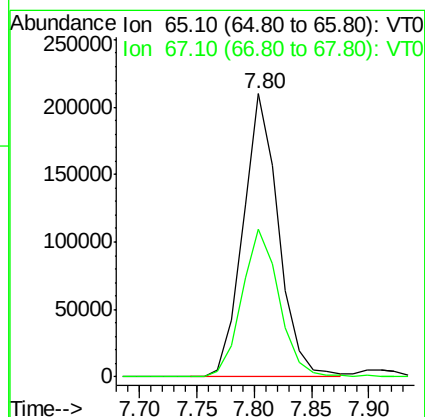
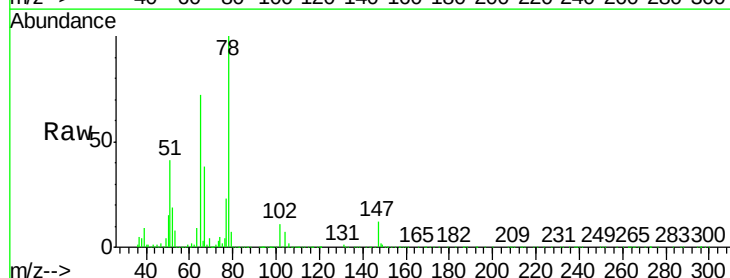
Acq: 10 May 2018 11:32

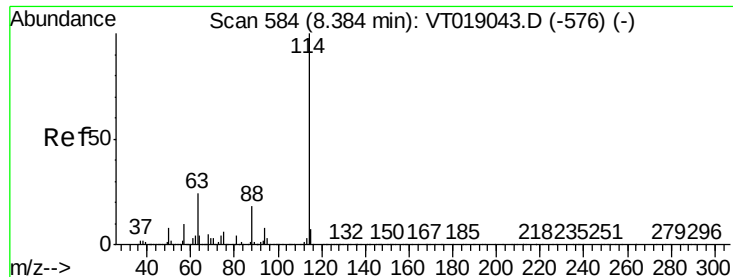
Tgt Ion: 65 Resp: 451453

Ion Ratio Lower Upper

65 100

67 52.3 0.0 114.2

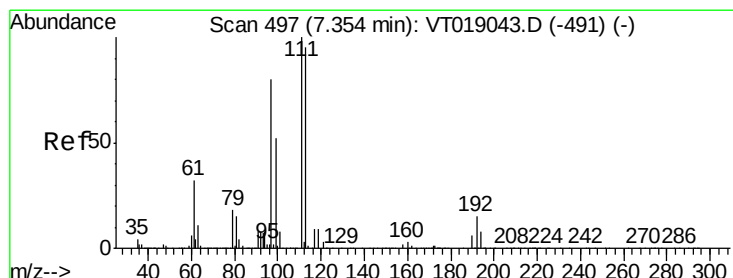
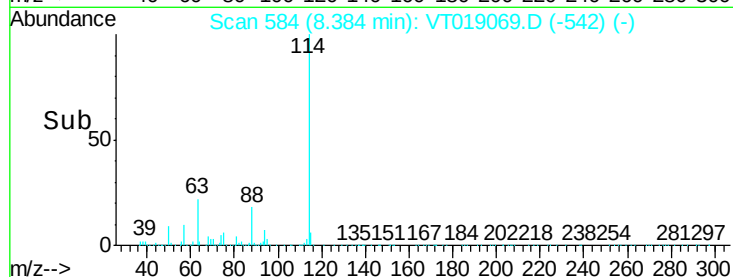
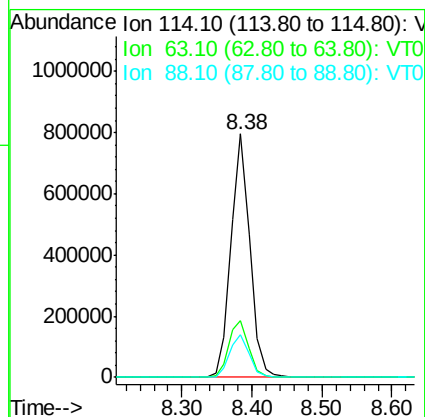
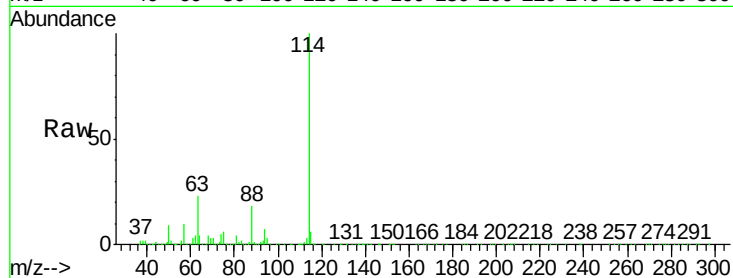




#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.38 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

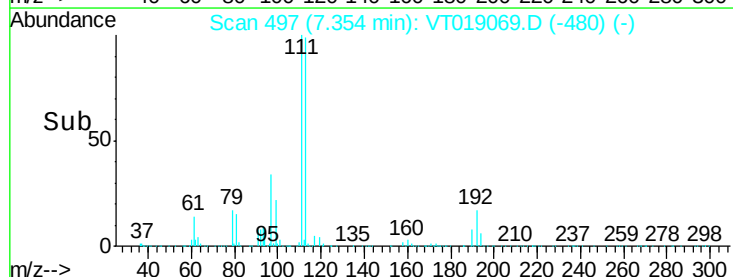
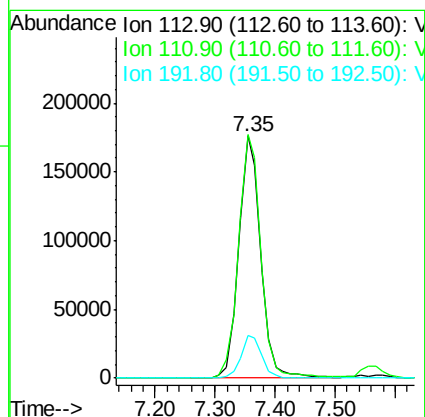
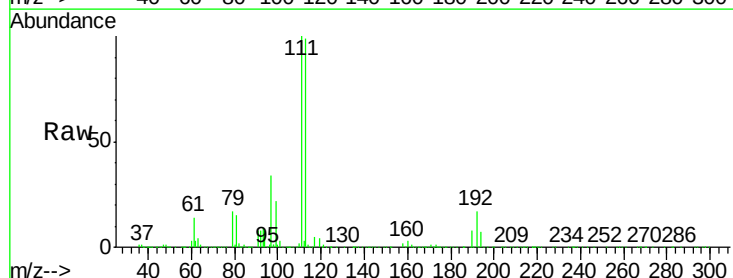
Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

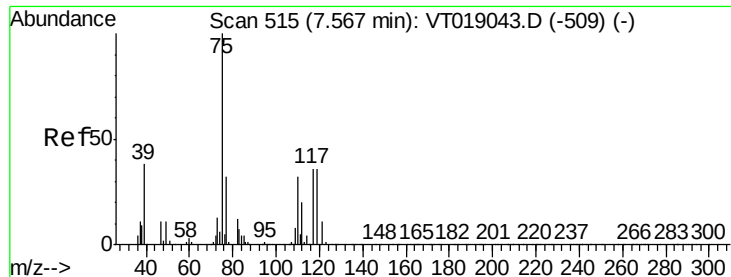
Tot Ion:114 Resp: 1499688
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 48.8
 88 17.5 0.0 37.0



#34
 Dibromofluoromethane
 Concen: 53.40 ug/l
 RT: 7.35 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

Tgt Ion:113 Resp: 448429
 Ion Ratio Lower Upper
 113 100
 111 100.7 84.0 126.0
 192 17.6 12.9 19.3





#35

1,1-Dichloropropene

Concen: 22.47 ug/l

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

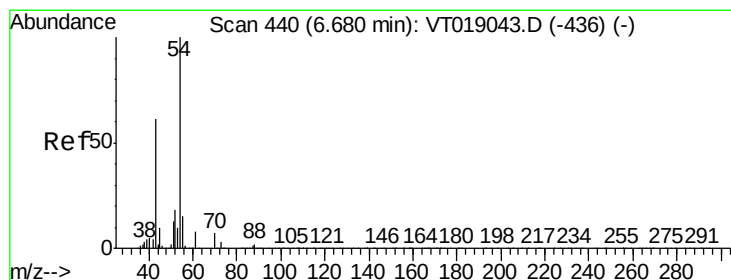
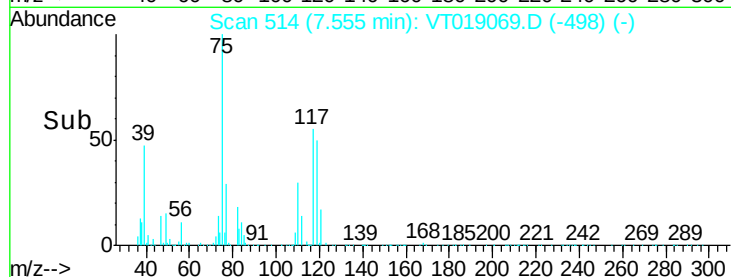
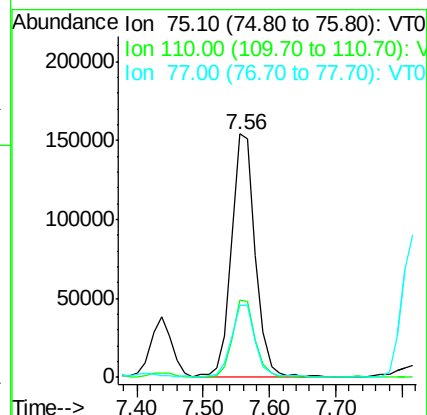
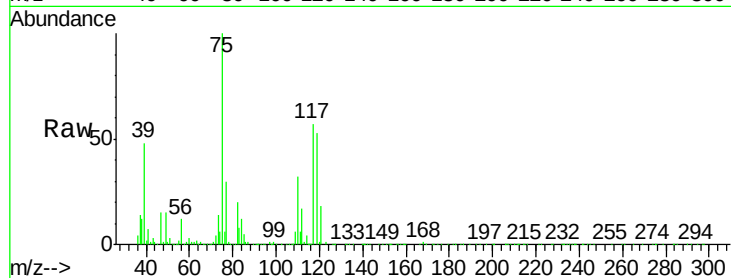
Tot Ion: 75 Resp: 388326

Ion Ratio Lower Upper

75 100

110 31.9 15.9 47.6

77 29.8 25.9 38.9



#36

Ethyl Acetate

Concen: 17.96 ug/l

RT: 6.67 min Scan# 439

Delta R.T. -0.01 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

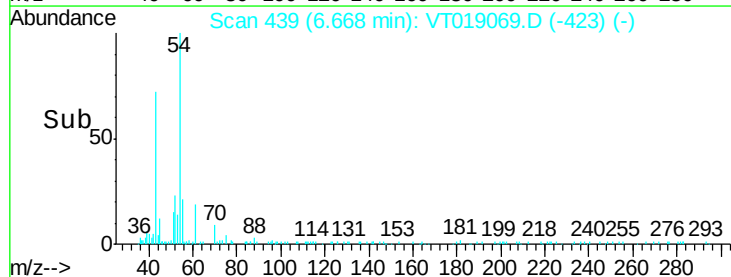
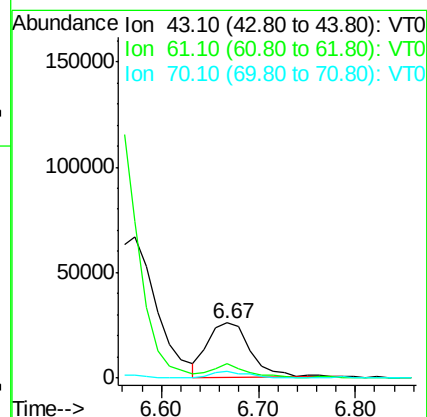
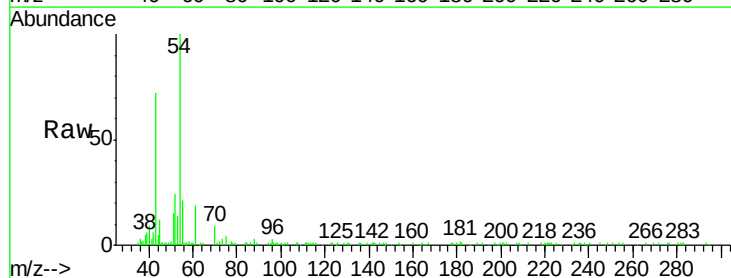
Tgt Ion: 43 Resp: 79979

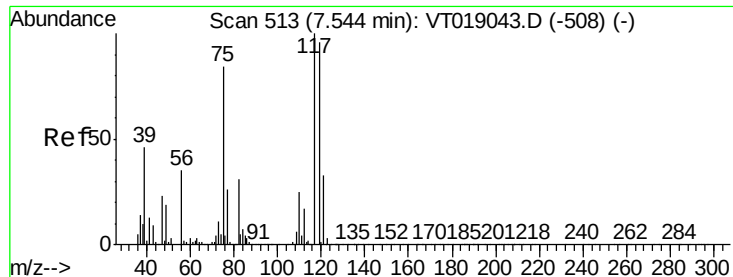
Ion Ratio Lower Upper

43 100

61 26.6 14.2 21.2#

70 12.6 8.4 12.6





#37

Carbon Tetrachloride

Concen: 21.40 ug/l

RT: 7.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

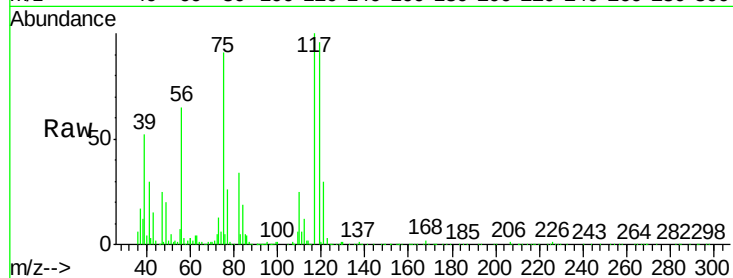
Tot Ion:117 Resp: 302269

Ion Ratio Lower Upper

117 100

119 96.4 76.5 114.7

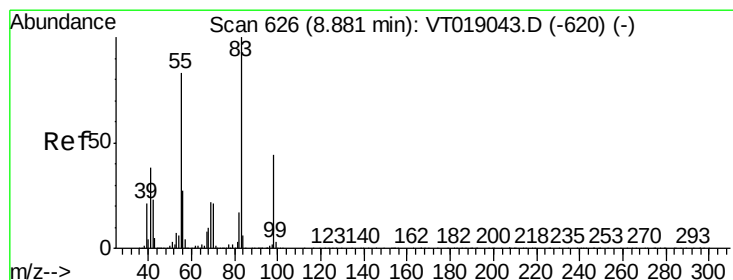
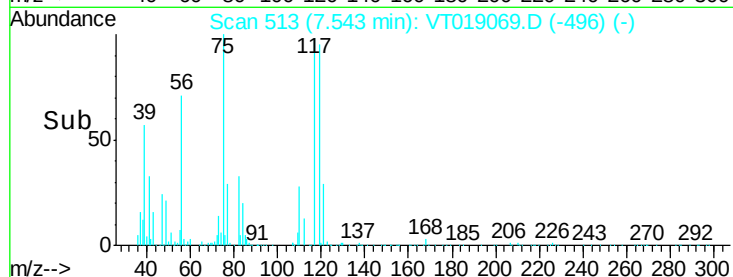
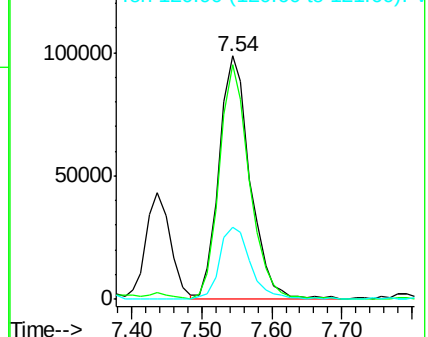
121 29.8 26.0 39.0



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: 22.68 ug/l

RT: 8.88 min Scan# 626

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

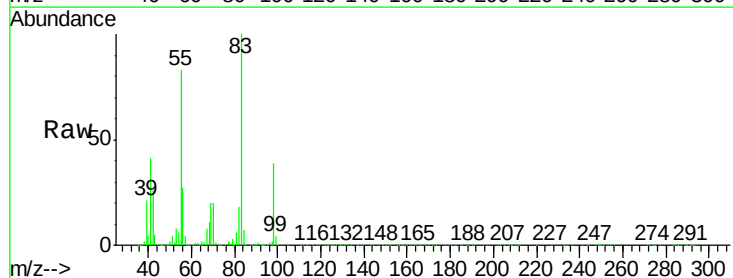
Tgt Ion: 83 Resp: 467822

Ion Ratio Lower Upper

83 100

55 82.6 66.7 100.1

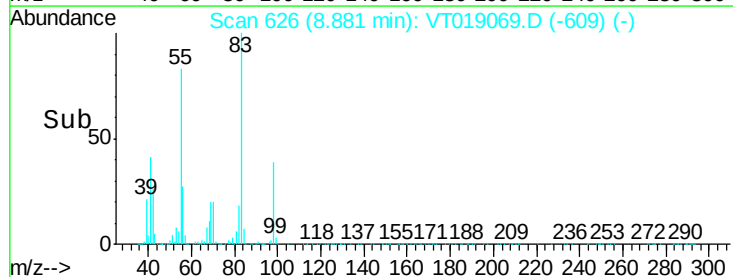
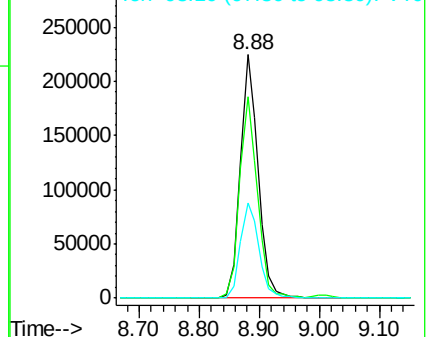
98 39.0 35.5 53.3

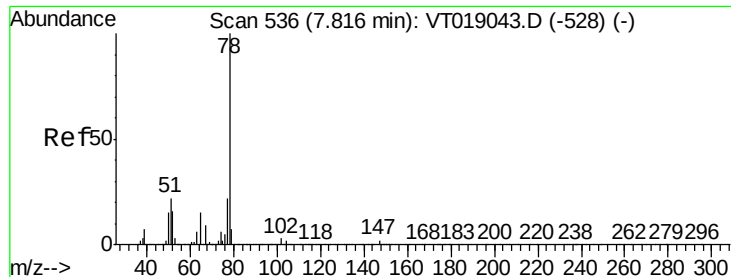


Abundance Ion 83.10 (82.80 to 83.80): VT0

Ion 55.10 (54.80 to 55.80): VT0

Ion 98.10 (97.80 to 98.80): VT0





#39

Benzene

Concen: 21.51 ug/l

RT: 7.82 min Scan# 536

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

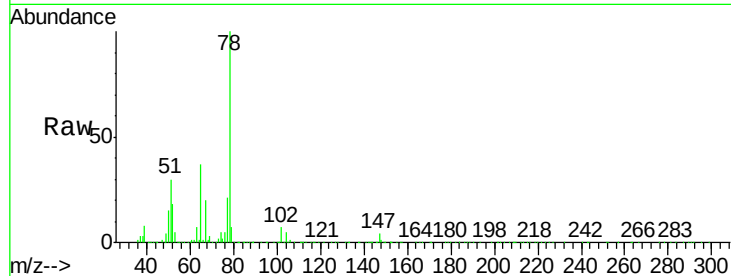
Tot Ion: 78 Resp: 970974

Ion Ratio Lower Upper

78 100

77 21.3 18.0 27.0

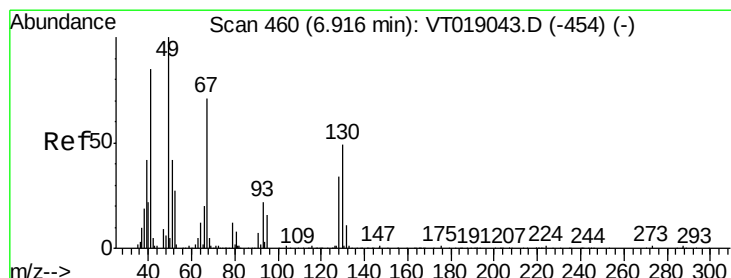
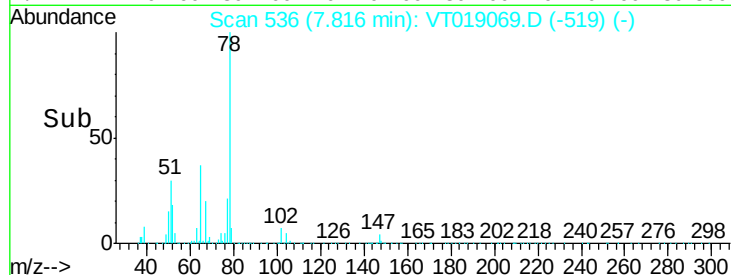
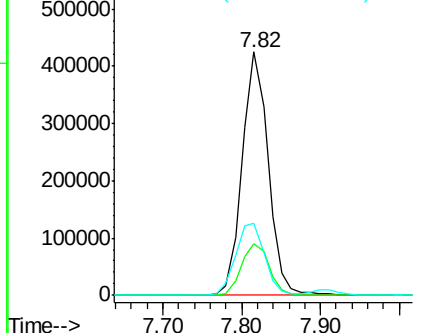
51 29.8 17.3 25.9#



Abundance Ion 78.10 (77.80 to 78.80): VT0

Ion 77.10 (76.80 to 77.80): VT0

Ion 51.10 (50.80 to 51.80): VT0



#40

Methacrylonitrile

Concen: 16.45 ug/l

RT: 6.92 min Scan# 460

Delta R.T. 0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Tgt Ion: 41 Resp: 39853

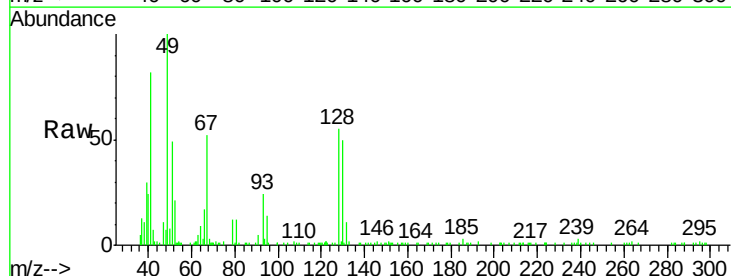
Ion Ratio Lower Upper

41 100

39 37.3 39.4 59.0#

67 63.2 66.8 100.2#

52 26.3 25.5 38.3

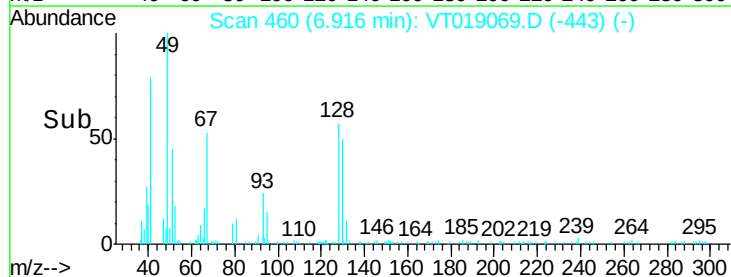
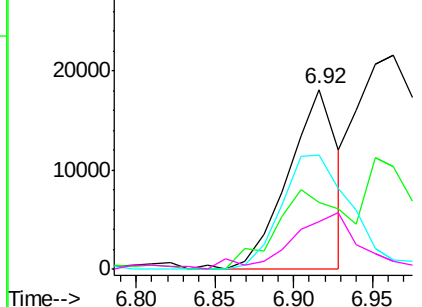


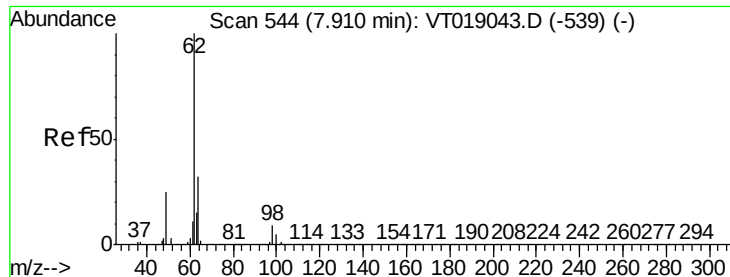
Abundance Ion 41.10 (40.80 to 41.80): VT0

Ion 39.10 (38.80 to 39.80): VT0

Ion 67.10 (66.80 to 67.80): VT0

Ion 52.10 (51.80 to 52.80): VT0





#41

1,2-Dichloroethane

Concen: 20.02 ug/l

RT: 7.91 min Scan# 544

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

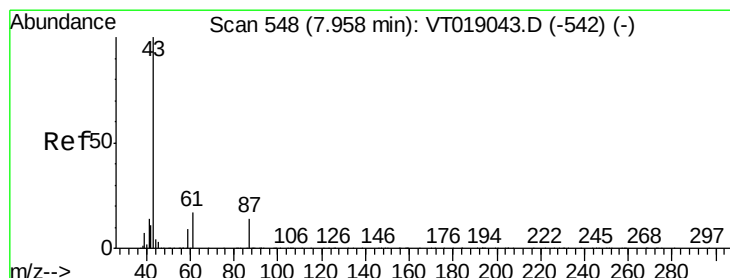
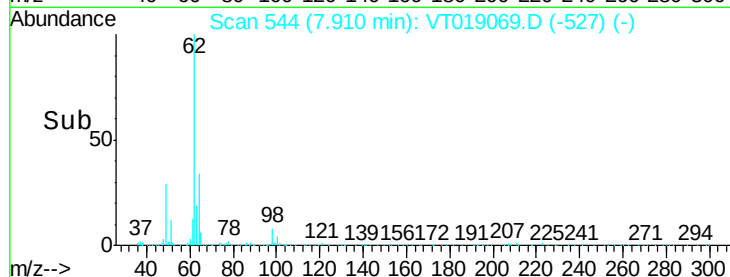
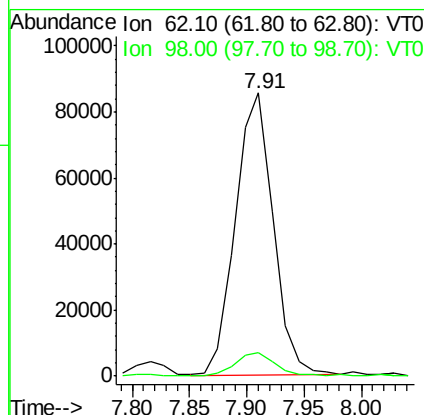
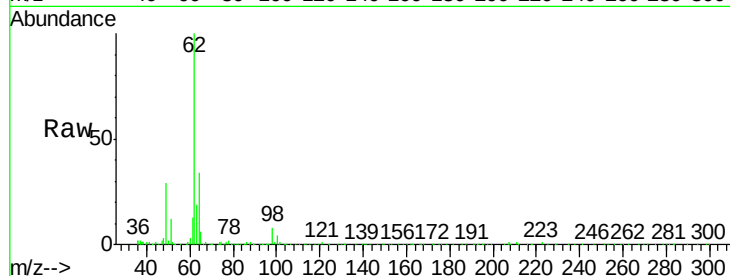
VT0510SBS01

Tot Ion: 62 Resp: 196295

Ion Ratio Lower Upper

62 100

98 8.5 0.0 17.4



#42

Isopropyl Acetate

Concen: 17.79 ug/l

RT: 7.96 min Scan# 548

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

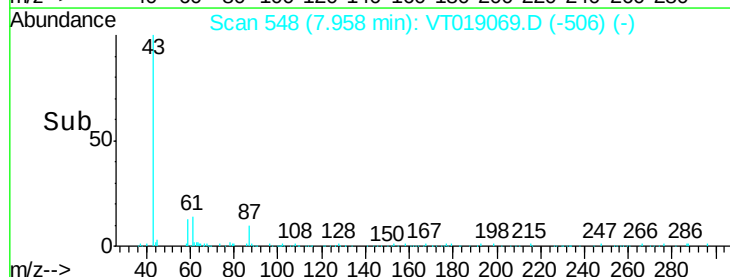
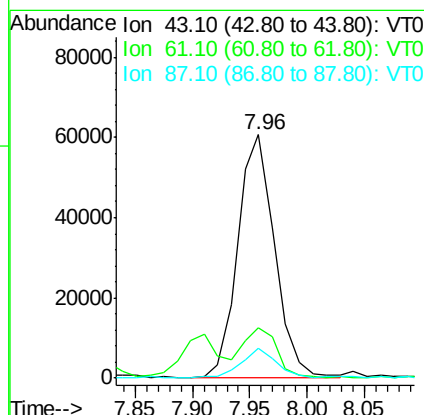
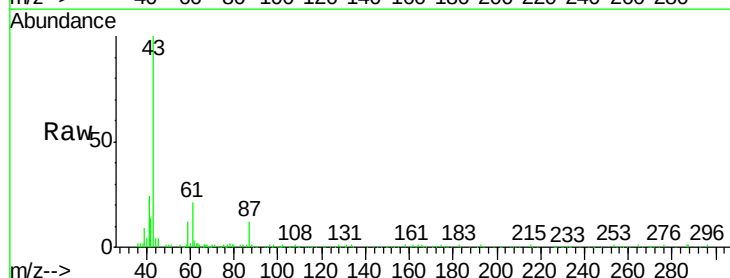
Tgt Ion: 43 Resp: 136454

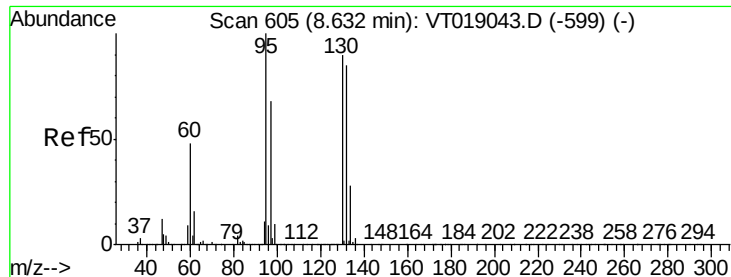
Ion Ratio Lower Upper

43 100

61 20.7 17.9 26.9

87 12.3 11.0 16.6





#43

Trichloroethene

Concen: 21.27 ug/l

RT: 8.63 min Scan# 605

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

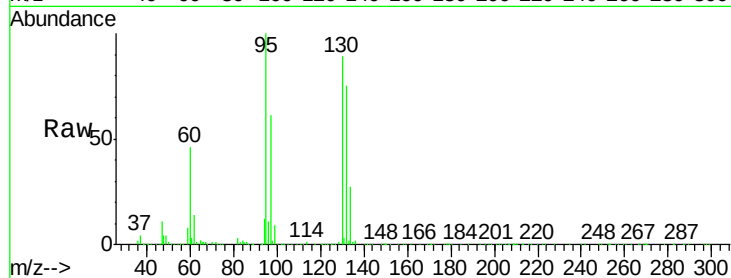
VT0510SBS01

Tot Ion:130 Resp: 220843

Ion Ratio Lower Upper

130 100

95 112.1 0.0 222.6



Abundance Ion 129.90 (129.60 to 130.60): VT0

Ion 95.00 (94.70 to 95.70): VT0

8.63

150000

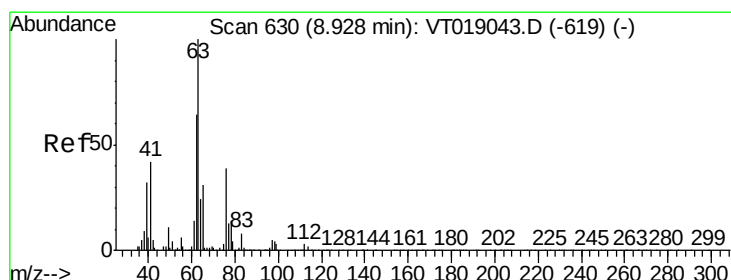
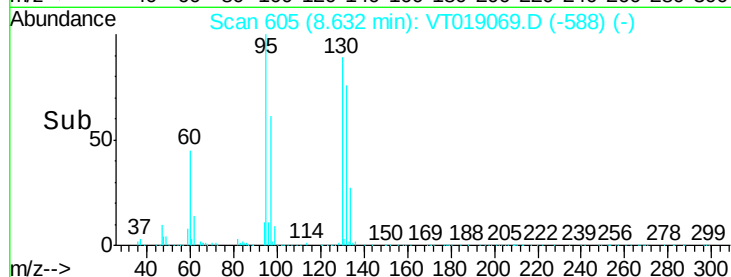
100000

50000

0

8.50 8.60 8.70 8.80

Time-->



#44

1,2-Dichloropropane

Concen: 21.06 ug/l

RT: 8.92 min Scan# 629

Delta R.T. -0.01 min

Lab File: VT019069.D

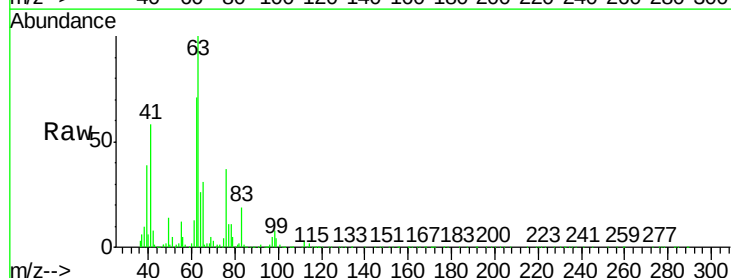
Acq: 10 May 2018 11:32

Tgt Ion: 63 Resp: 222867

Ion Ratio Lower Upper

63 100

65 30.6 25.0 37.4



Abundance Ion 63.10 (62.80 to 63.80): VT0

Ion 65.10 (64.80 to 65.80): VT0

8.92

120000

100000

80000

60000

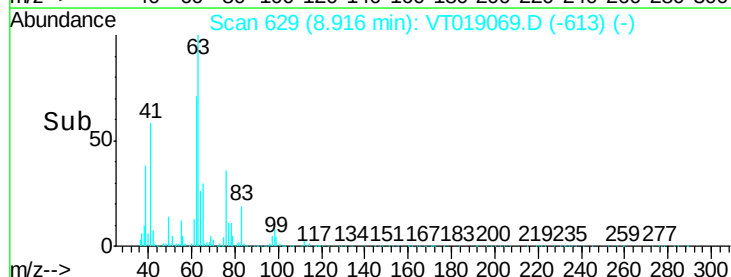
40000

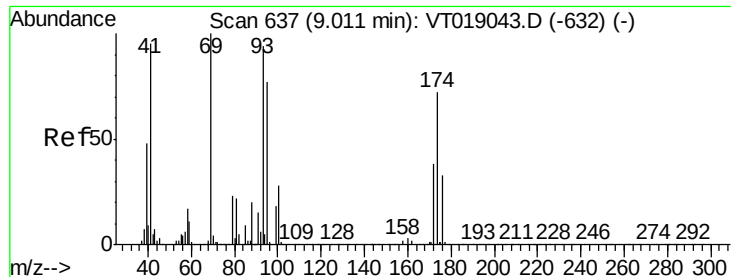
20000

0

8.70 8.80 8.90 9.00 9.10

Time-->





#45

Dibromomethane

Concen: 21.13 ug/l

RT: 9.01 min Scan# 637

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

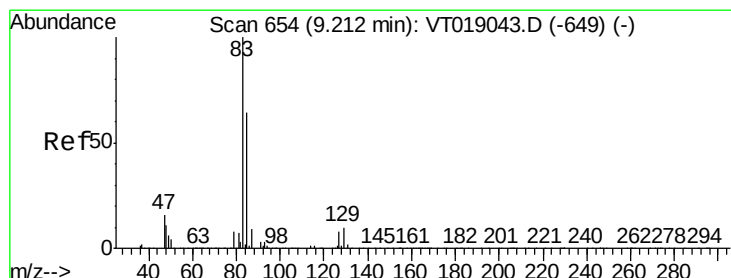
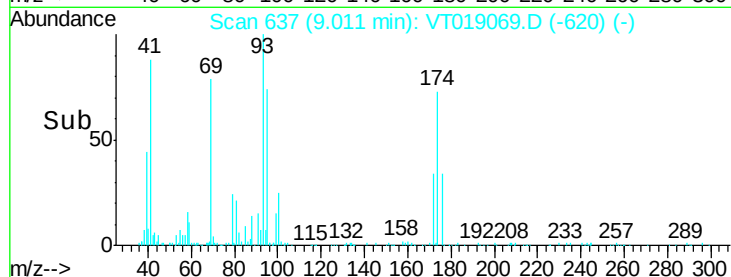
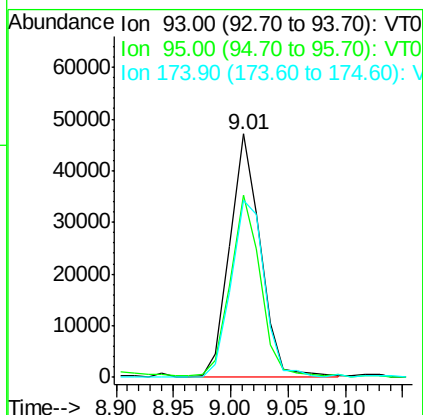
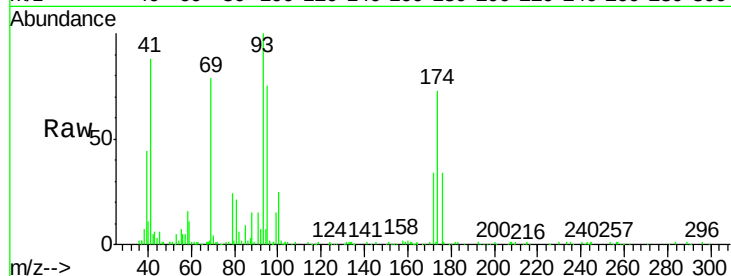
Tot Ion: 93 Resp: 87942

Ion Ratio Lower Upper

93 100

95 74.7 65.5 98.3

174 72.7 60.9 91.3



#46

Bromodichloromethane

Concen: 20.86 ug/l

RT: 9.21 min Scan# 654

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

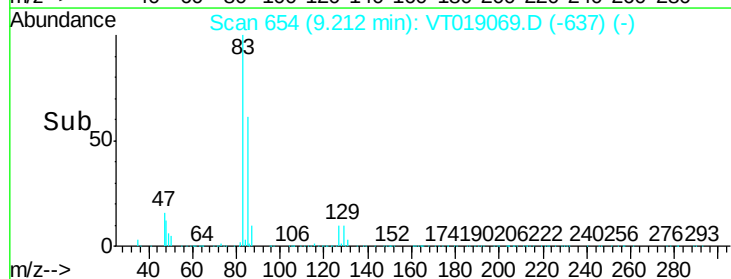
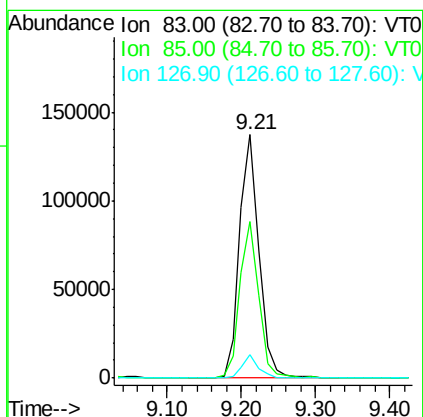
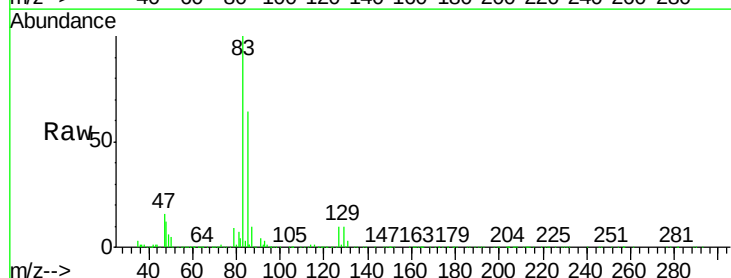
Tgt Ion: 83 Resp: 252225

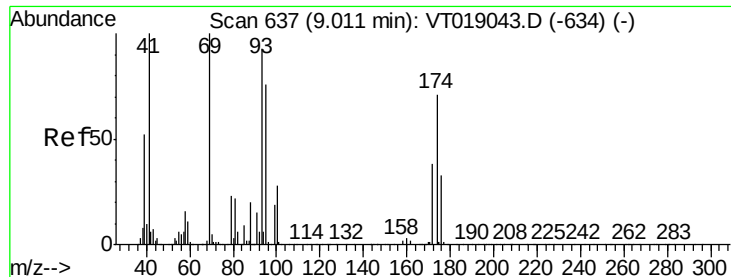
Ion Ratio Lower Upper

83 100

85 64.4 51.3 76.9

127 9.5 6.1 9.1#

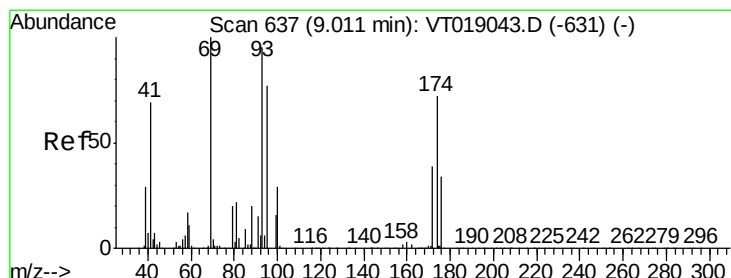
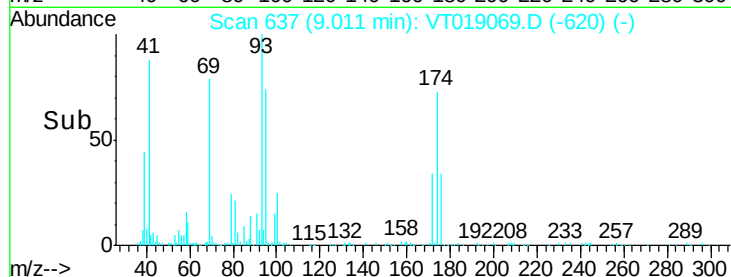
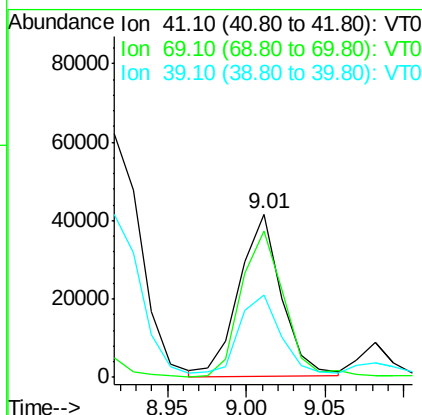
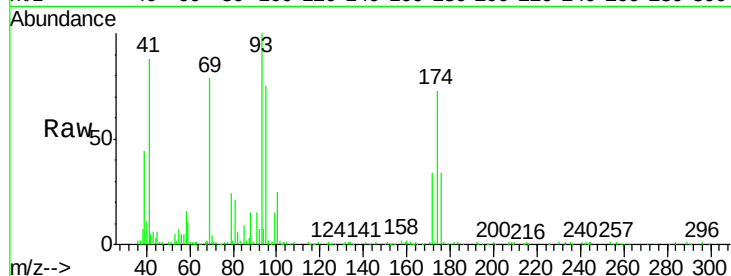




#47
Methvl methacrylate
Concen: 19.62 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

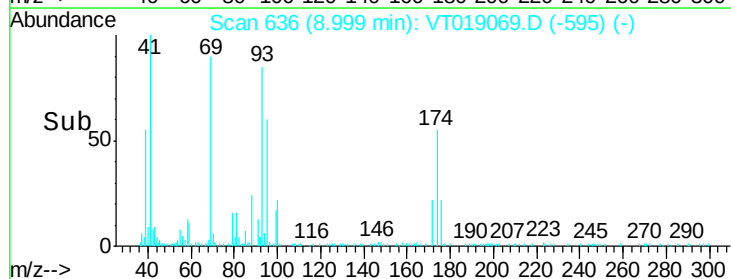
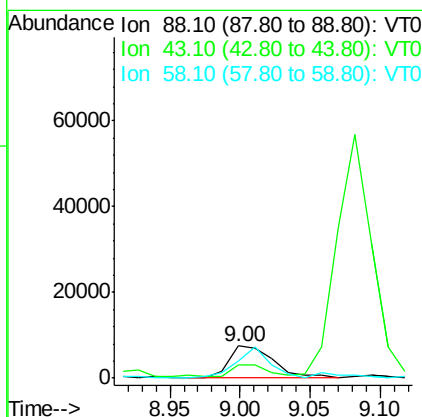
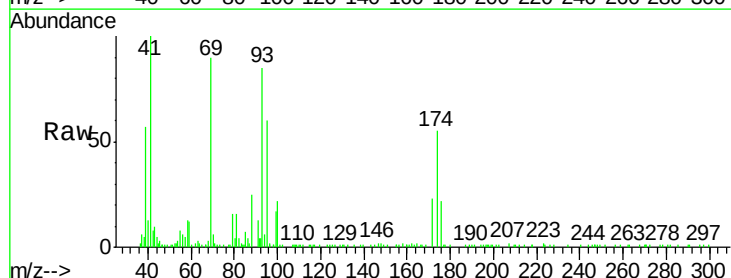
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

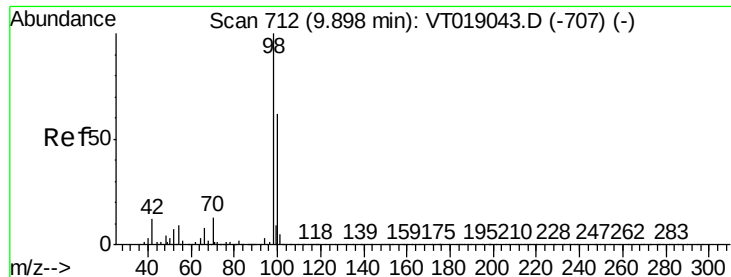
Tot Ion: 41 Resp: 77764
Ion Ratio Lower Upper
41 100
69 89.8 78.4 117.6
39 50.1 41.4 62.2



#48
1,4-Dioxane
Concen: 334.45 ug/l
RT: 9.00 min Scan# 636
Delta R.T. -0.01 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

Tgt Ion: 88 Resp: 16359
Ion Ratio Lower Upper
88 100
43 40.1 30.5 45.7
58 51.6 67.5 101.3#





#49

Toluene-d8

Concen: 54.66 ug/l

RT: 9.90 min Scan# 712

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

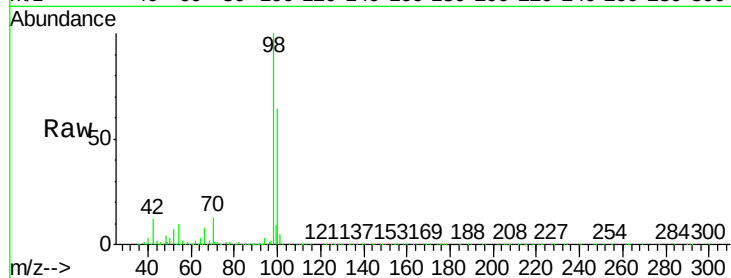
VT0510SBS01

Tot Ion: 98 Resp: 1969347

Ion Ratio Lower Upper

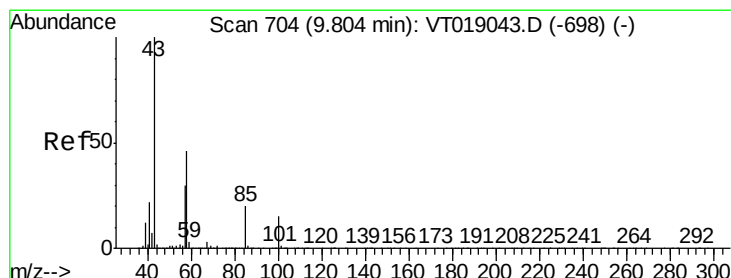
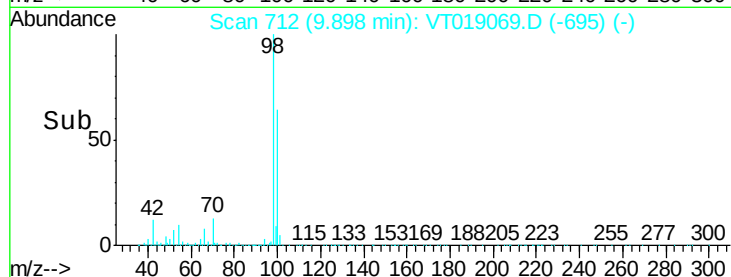
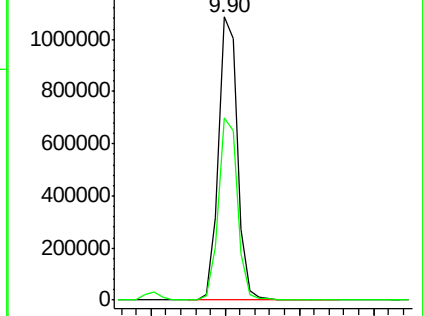
98 100

100 64.3 50.0 75.0



Abundance Ion 98.10 (97.80 to 98.80): VT0

Ion 100.10 (99.80 to 100.80): VT0



#50

4-Methyl-2-Pentanone

Concen: 96.18 ug/l

RT: 9.80 min Scan# 704

Delta R.T. -0.00 min

Lab File: VT019069.D

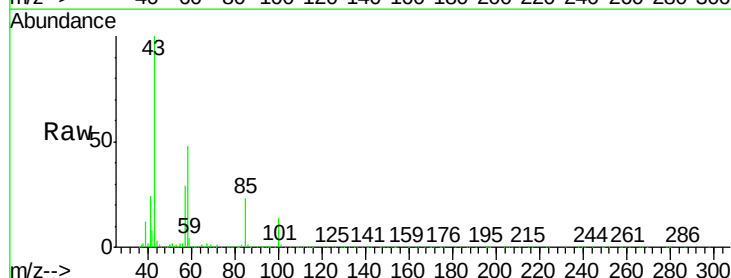
Acq: 10 May 2018 11:32

Tgt Ion: 43 Resp: 404446

Ion Ratio Lower Upper

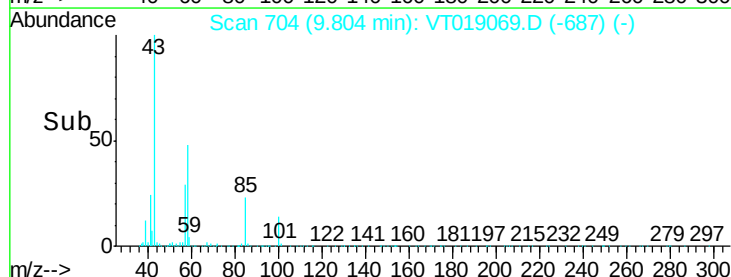
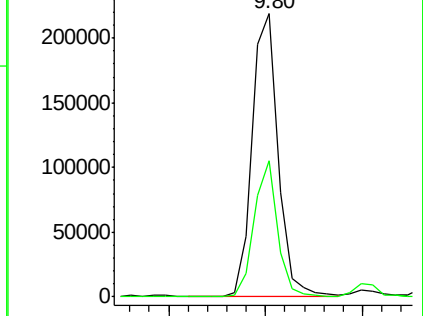
43 100

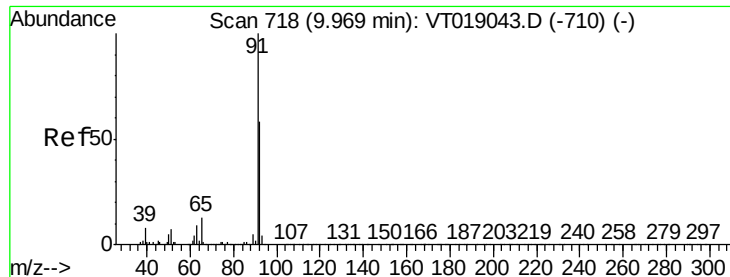
58 48.2 36.6 54.8



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 58.10 (57.80 to 58.80): VT0





#51

Toluene

Concen: 21.15 ug/l

RT: 9.97 min Scan# 718

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

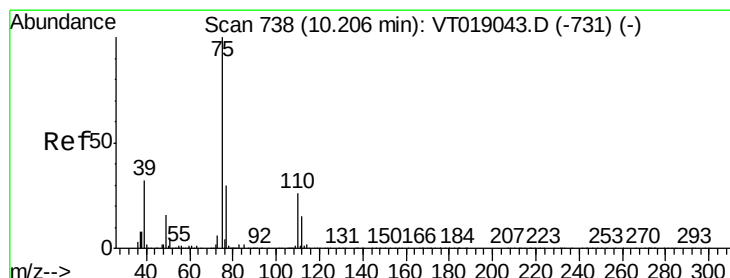
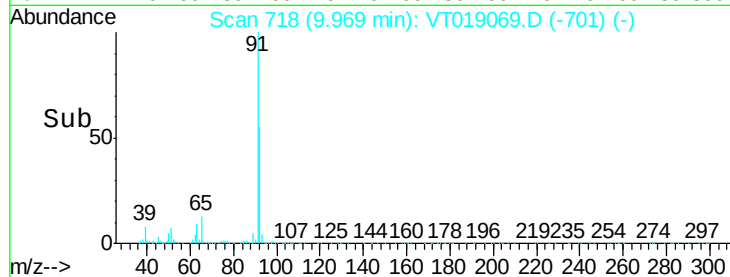
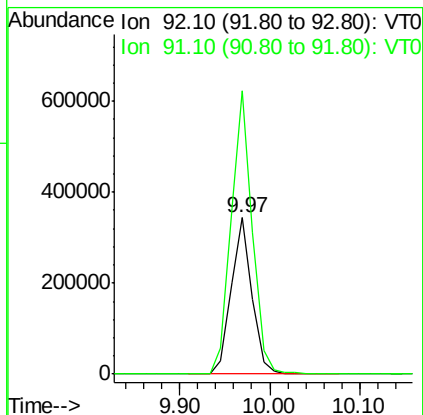
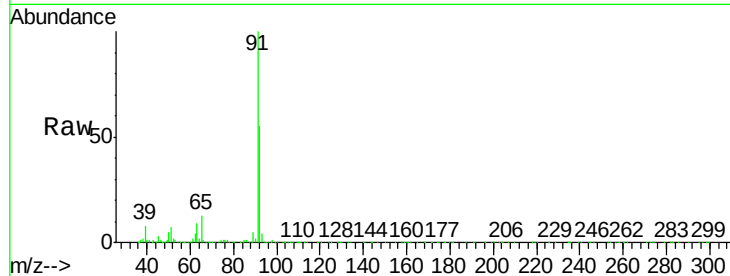
VT0510SBS01

Tot Ion: 92 Resp: 551863

Ion Ratio Lower Upper

92 100

91 180.9 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 19.29 ug/l

RT: 10.19 min Scan# 737

Delta R.T. -0.01 min

Lab File: VT019069.D

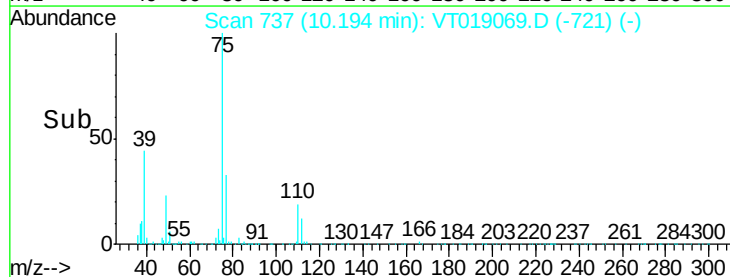
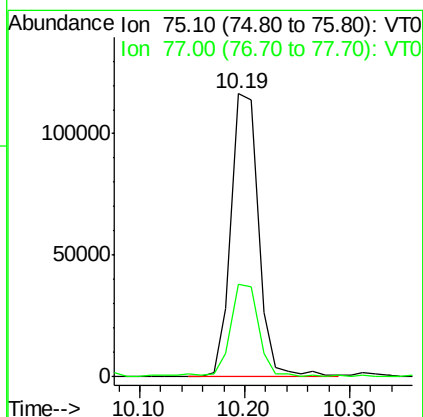
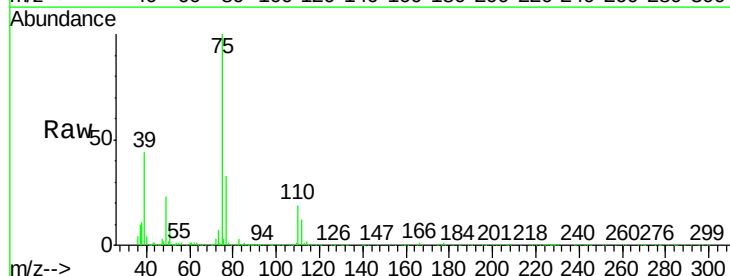
Acq: 10 May 2018 11:32

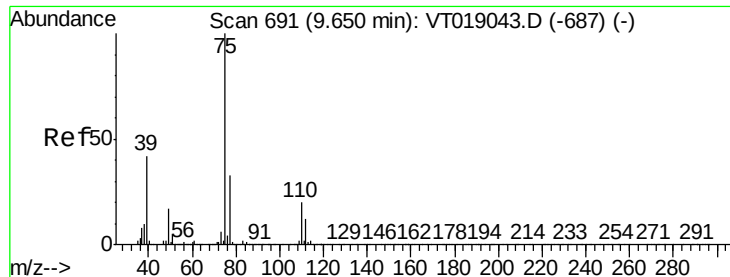
Tgt Ion: 75 Resp: 212095

Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8





#53

cis-1,3-Dichloropropene

Concen: 20.12 ug/l

RT: 9.65 min Scan# 691

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

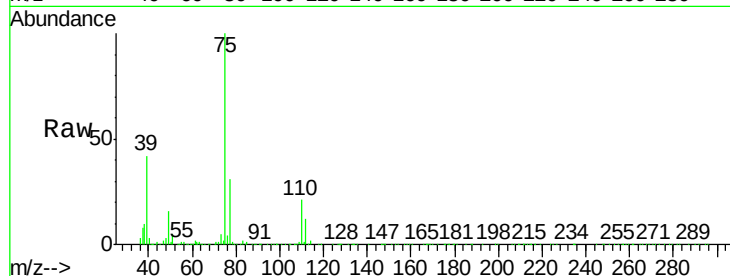
Tot Ion: 75 Resp: 281795

Ion Ratio Lower Upper

75 100

77 31.3 26.6 39.8

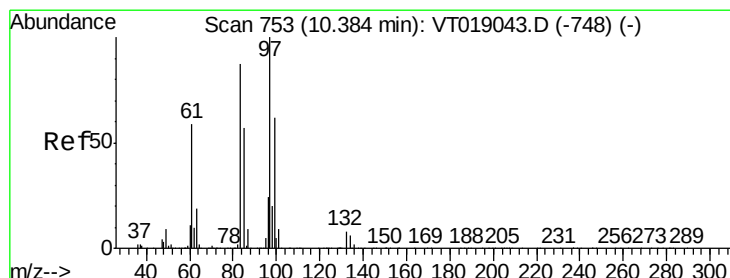
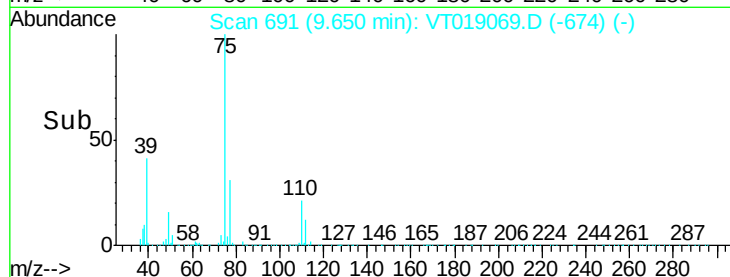
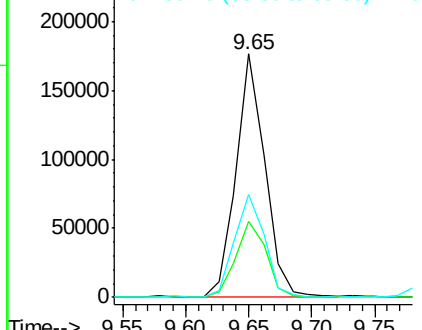
39 42.4 34.1 51.1



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: 19.88 ug/l

RT: 10.38 min Scan# 753

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Tgt Ion: 97 Resp: 125582

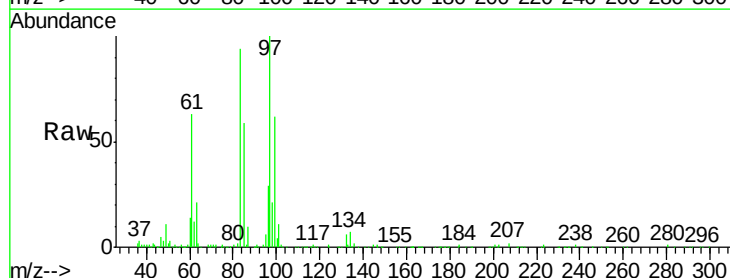
Ion Ratio Lower Upper

97 100

83 93.6 69.7 104.5

85 59.2 46.1 69.1

99 61.8 49.6 74.4

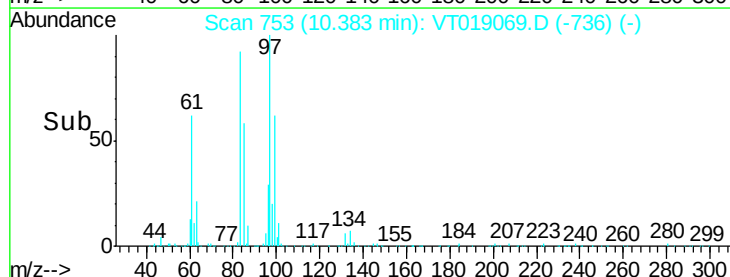
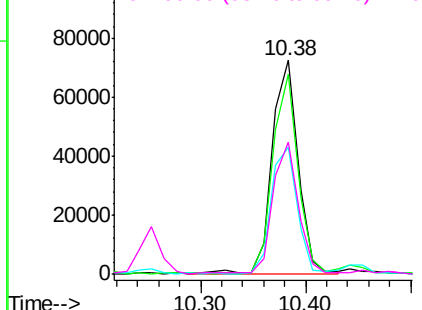


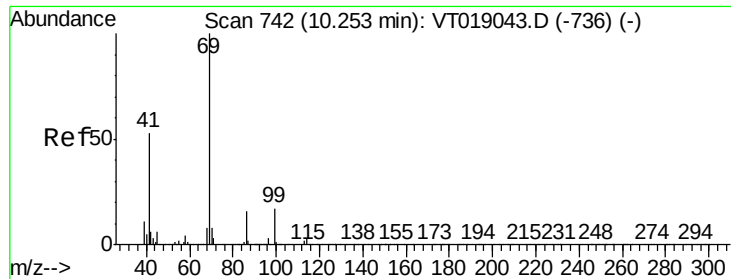
Abundance Ion 97.00 (96.70 to 97.70): VT0

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: 18.48 ug/l

RT: 10.25 min Scan# 742

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

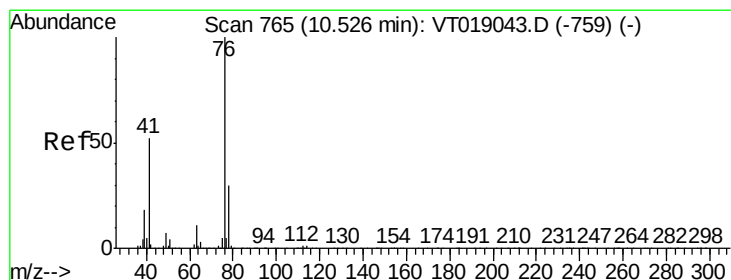
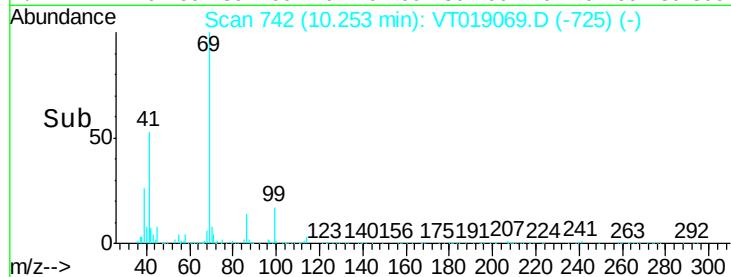
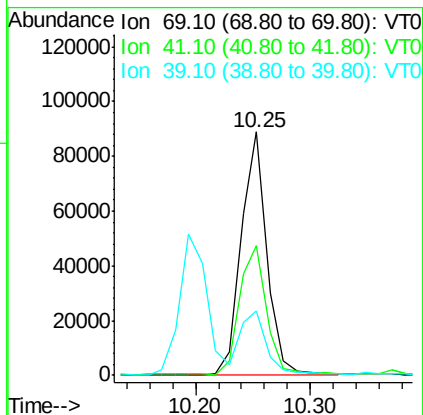
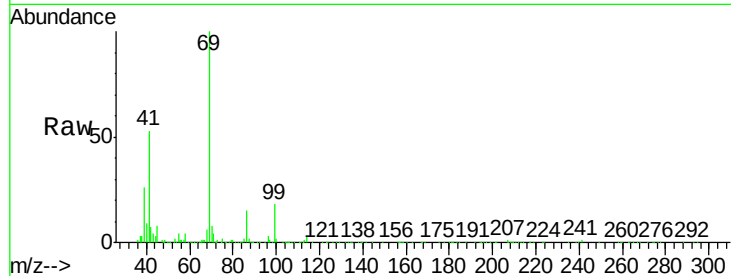
Tot Ion: 69 Resp: 139910

Ion Ratio Lower Upper

69 100

41 53.3 42.9 64.3

39 26.4 21.2 31.8



#56

1,3-Dichloropropane

Concen: 20.23 ug/l

RT: 10.53 min Scan# 765

Delta R.T. -0.00 min

Lab File: VT019069.D

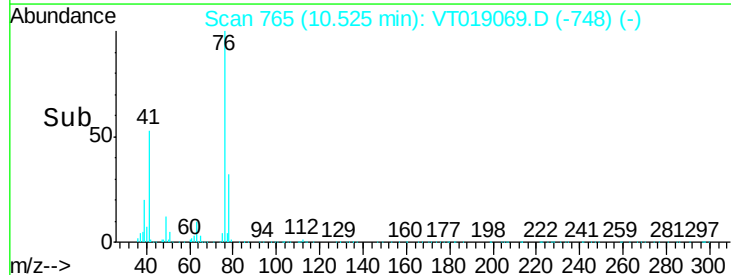
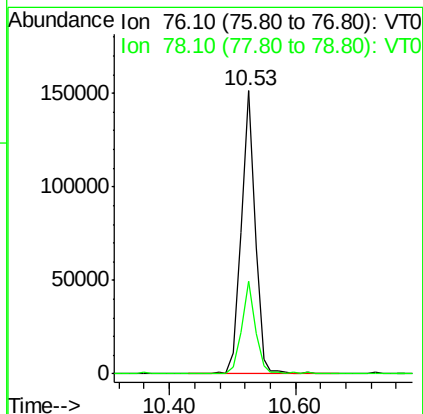
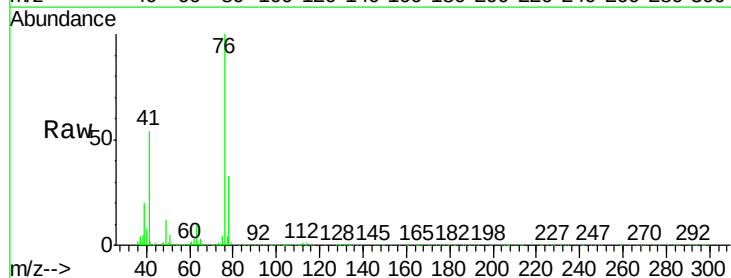
Acq: 10 May 2018 11:32

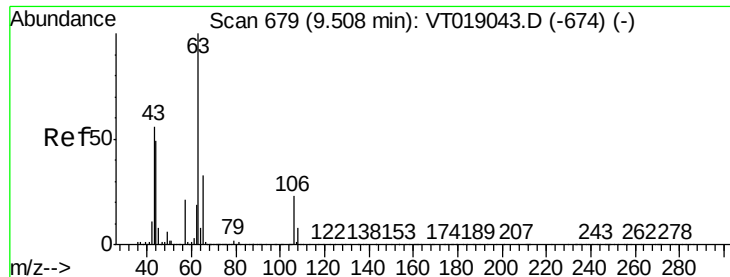
Tgt Ion: 76 Resp: 228684

Ion Ratio Lower Upper

76 100

78 32.6 24.1 36.1





#57

2-Chloroethyl Vinyl ether

Concen: 101.69 ug/l

RT: 9.51 min Scan# 679

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

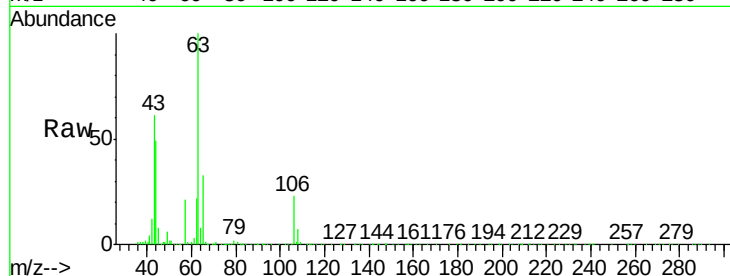
VT0510SBS01

Tot Ion: 63 Resp: 354716

Ion Ratio Lower Upper

63 100

106 22.8 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

200000

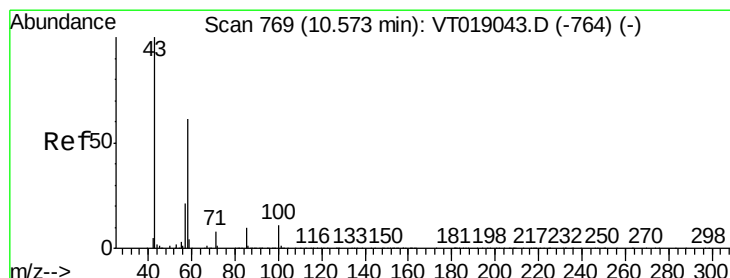
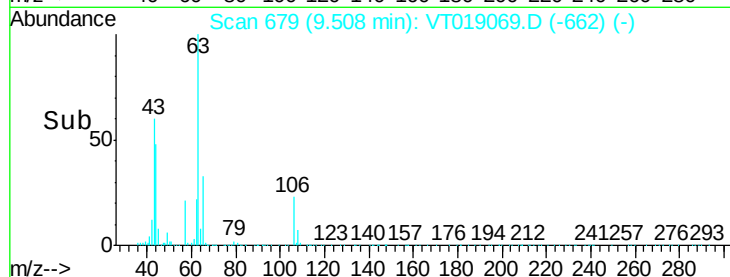
150000

100000

50000

0

Time-->



#58

2-Hexanone

Concen: 105.05 ug/l

RT: 10.57 min Scan# 769

Delta R.T. -0.00 min

Lab File: VT019069.D

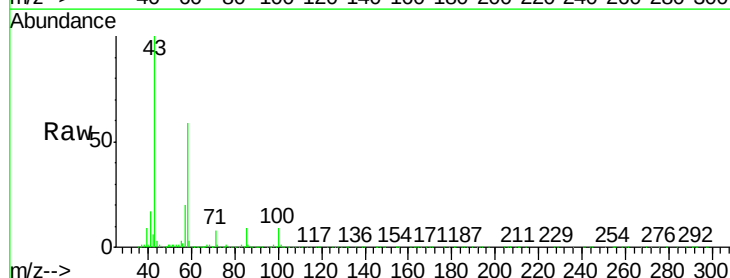
Acq: 10 May 2018 11:32

Tgt Ion: 43 Resp: 320305

Ion Ratio Lower Upper

43 100

58 58.6 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

200000

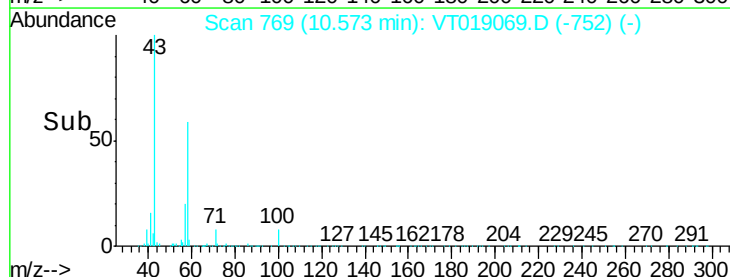
150000

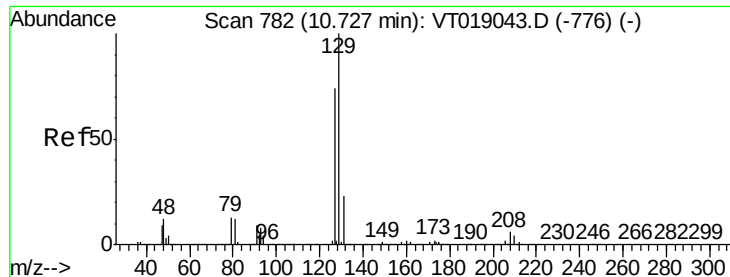
100000

50000

0

Time-->





#59

Dibromochloromethane

Concen: 18.02 ug/l

RT: 10.73 min Scan# 782

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

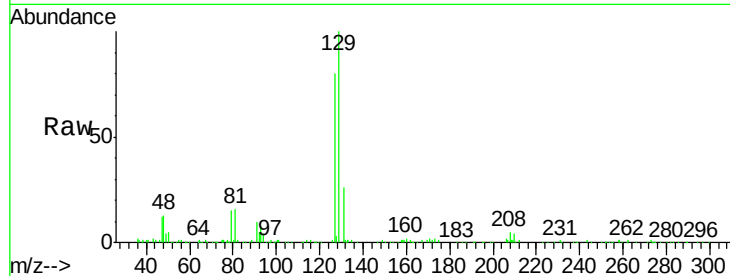
VT0510SBS01

Tot Ion:129 Resp: 118372

Ion Ratio Lower Upper

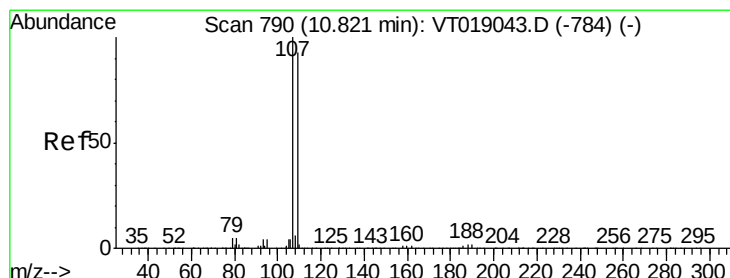
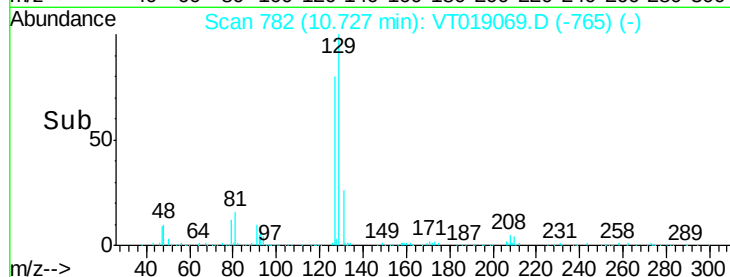
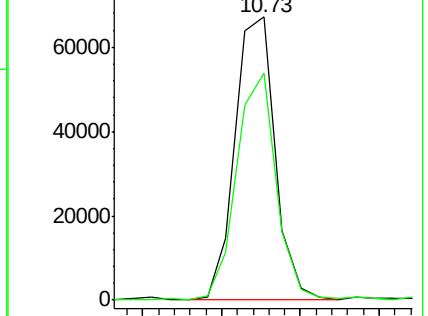
129 100

127 80.0 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: 19.56 ug/l

RT: 10.82 min Scan# 790

Delta R.T. -0.00 min

Lab File: VT019069.D

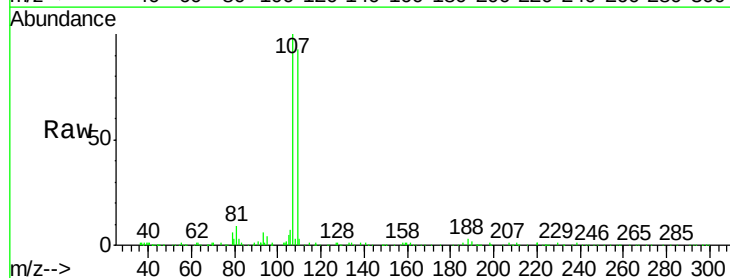
Acq: 10 May 2018 11:32

Tgt Ion:107 Resp: 106804

Ion Ratio Lower Upper

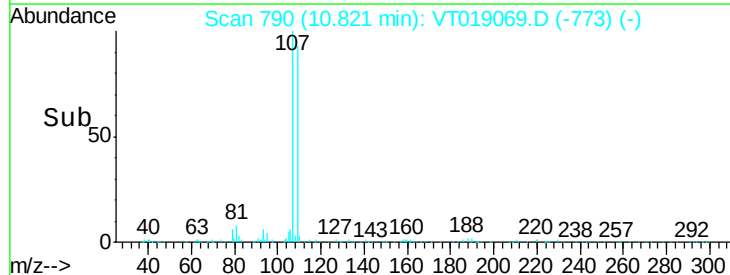
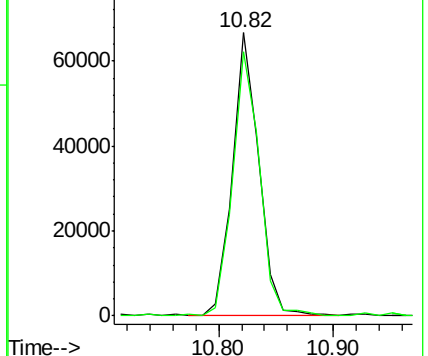
107 100

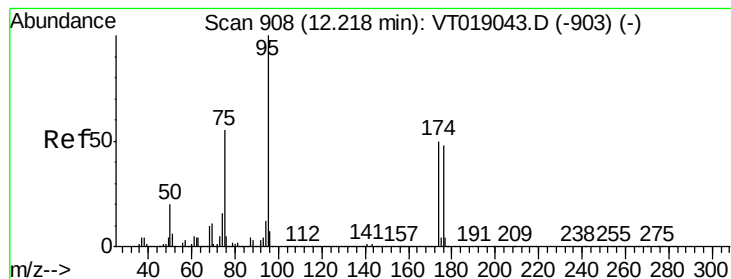
109 93.3 74.3 111.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#61

4-Bromofluorobenzene

Concen: 53.72 ug/l

RT: 12.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

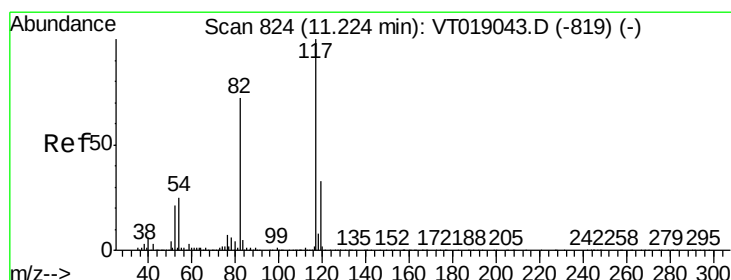
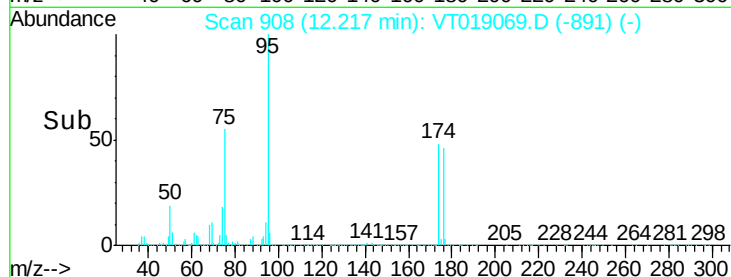
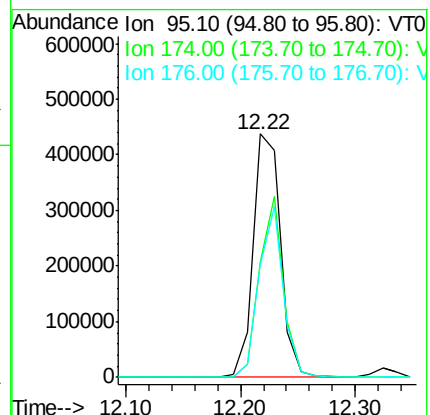
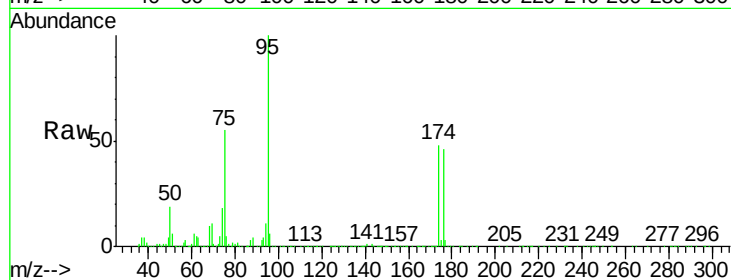
Tot Ion: 95 Resp: 728654

Ion Ratio Lower Upper

95 100

174 47.7 0.0 100.0

176 46.2 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: VT019069.D

Acq: 10 May 2018 11:32

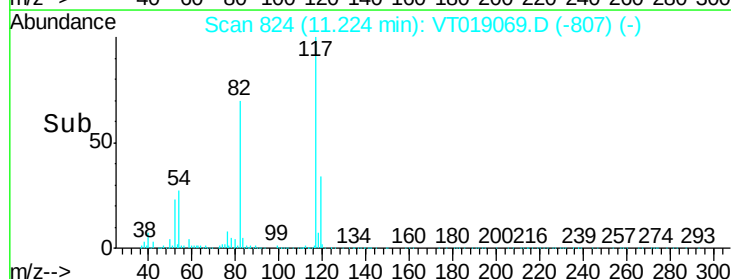
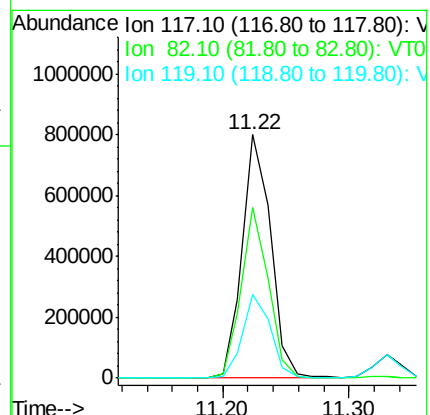
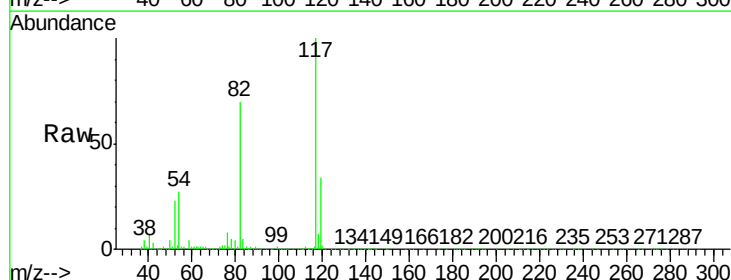
Tgt Ion: 117 Resp: 1263512

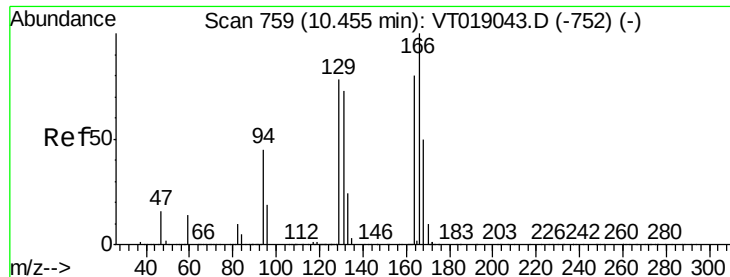
Ion Ratio Lower Upper

117 100

82 70.0 57.6 86.4

119 34.3 26.6 40.0





#63

Tetrachloroethene

Concen: 19.56 ug/l

RT: 10.45 min Scan# 759

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

Tot Ion:164 Resp: 169082

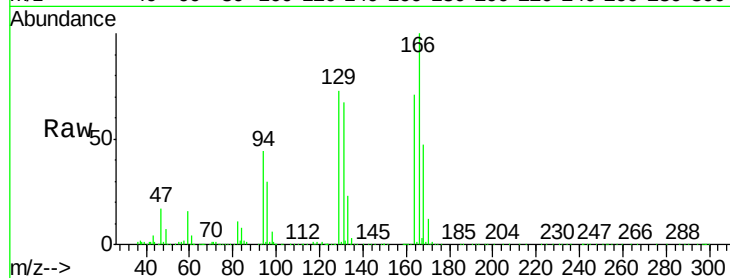
Ion Ratio Lower Upper

164 100

166 141.3 100.6 151.0

129 102.9 78.1 117.1

131 94.2 73.2 109.8

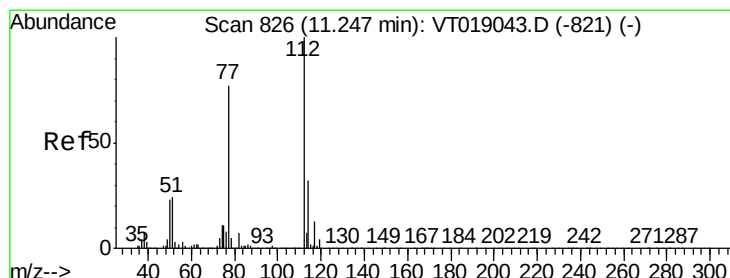
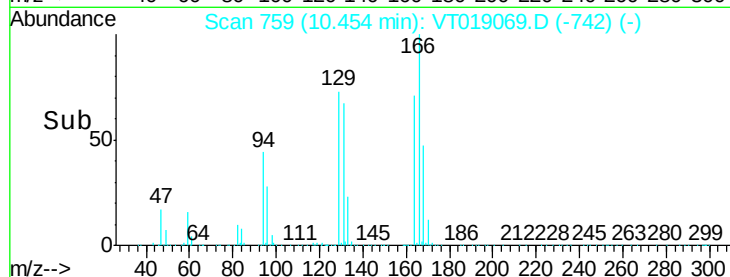
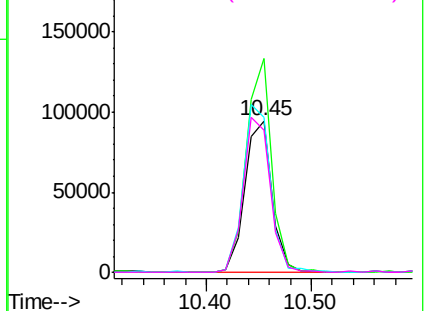


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#64

Chlorobenzene

Concen: 21.44 ug/l

RT: 11.25 min Scan# 826

Delta R.T. -0.00 min

Lab File: VT019069.D

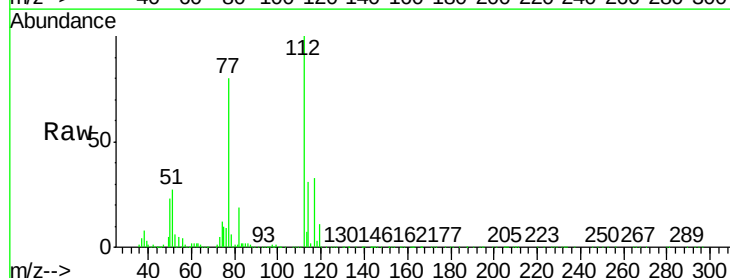
Acq: 10 May 2018 11:32

Tgt Ion:112 Resp: 561099

Ion Ratio Lower Upper

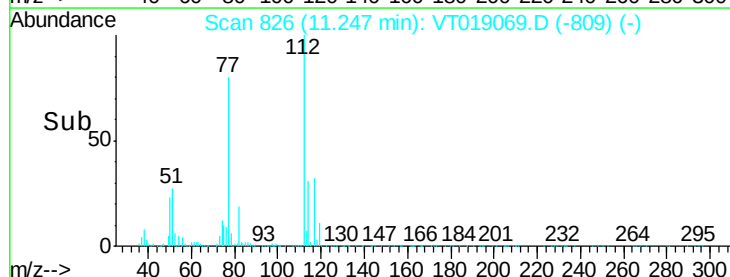
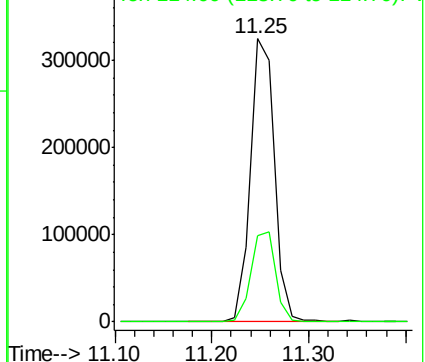
112 100

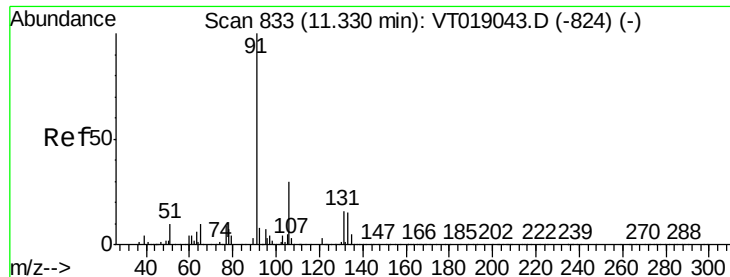
114 30.5 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.71 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

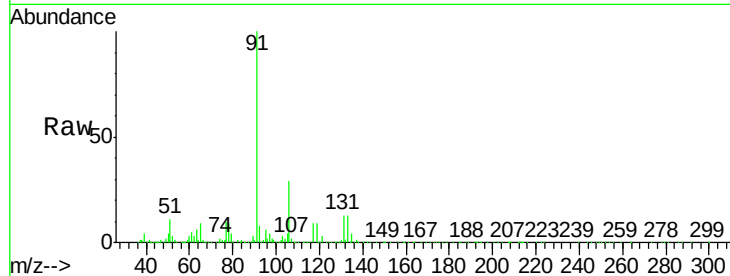
Tot Ion:131 Resp: 175962

Ion Ratio Lower Upper

131 100

133 96.5 47.8 143.3

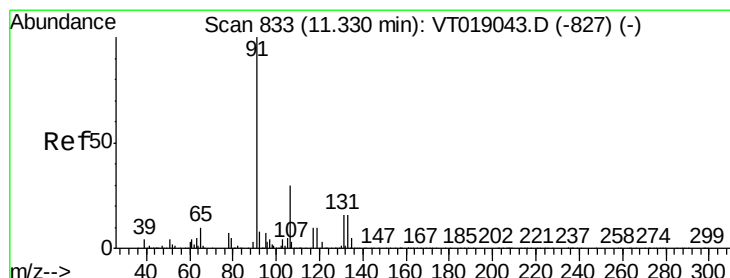
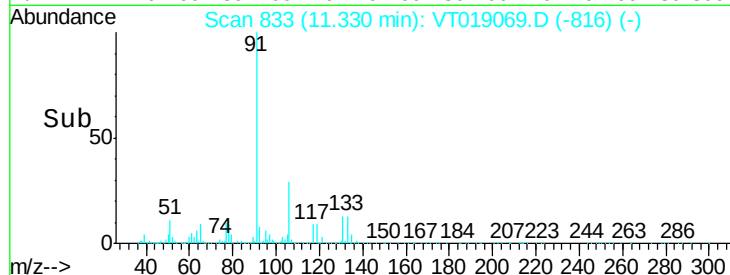
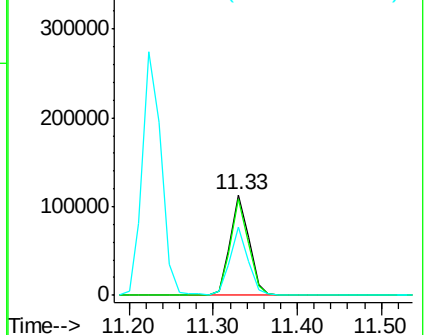
119 67.4 31.8 95.4



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: 24.36 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019069.D

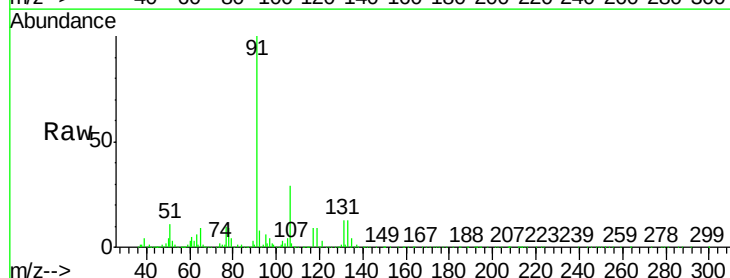
Acq: 10 May 2018 11:32

Tgt Ion: 91 Resp: 1222427

Ion Ratio Lower Upper

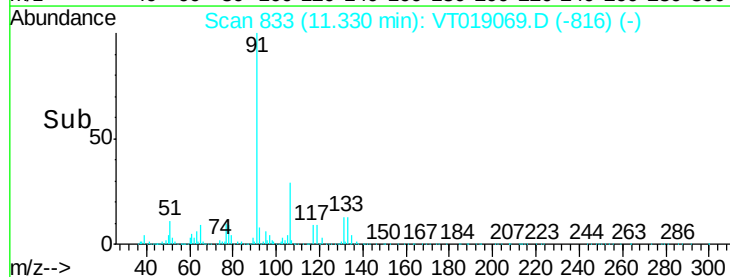
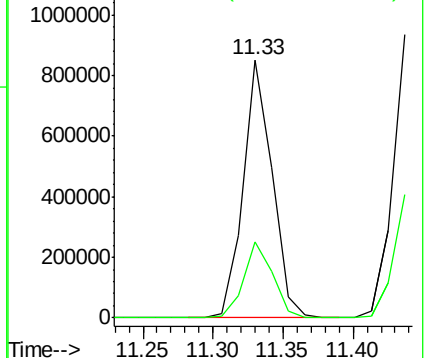
91 100

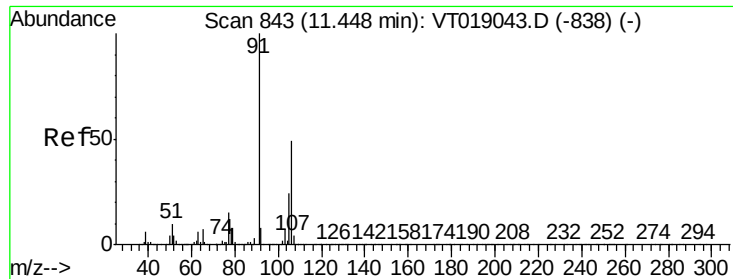
106 29.4 24.0 36.0



Abundance Ion 91.10 (90.80 to 91.80): VT0

Ion 106.10 (105.80 to 106.80): V

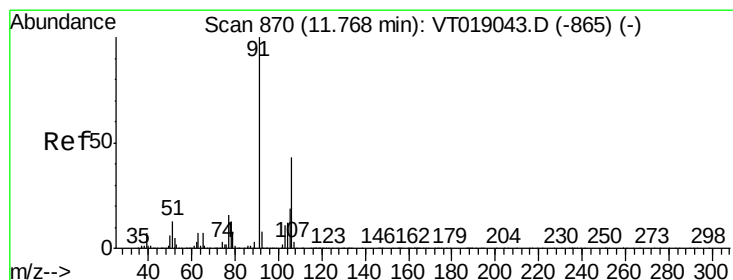
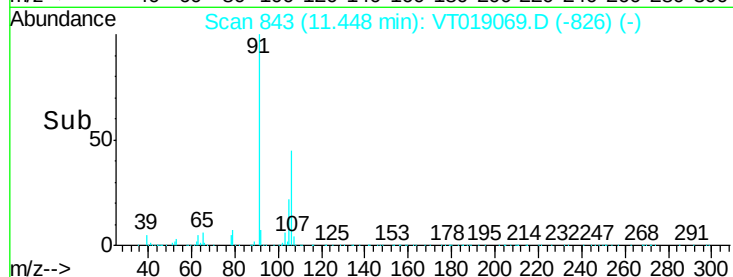
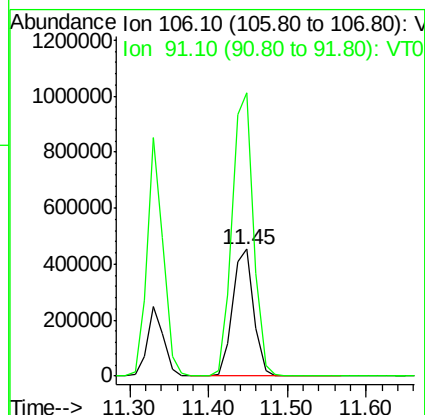
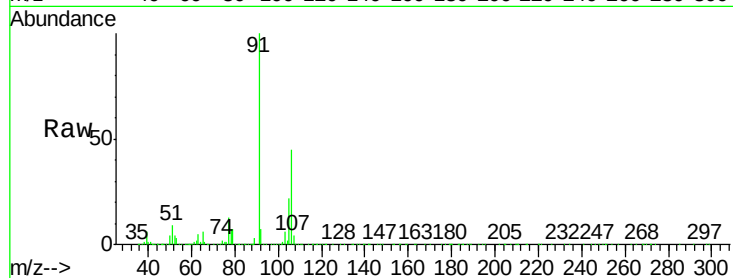




#67
m/p-Xylenes
Concen: 45.27 ug/l
RT: 11.45 min Scan# 843
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

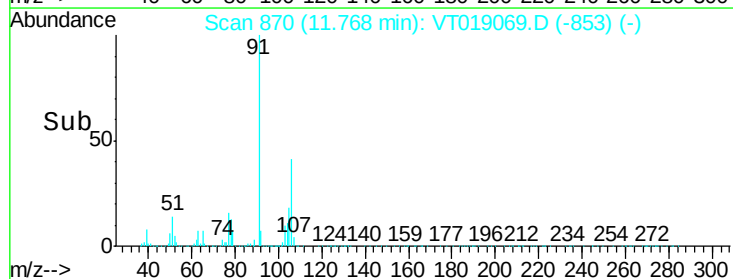
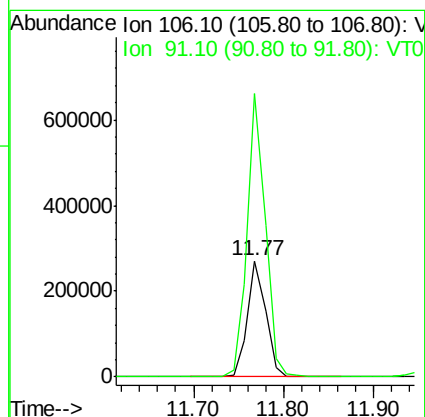
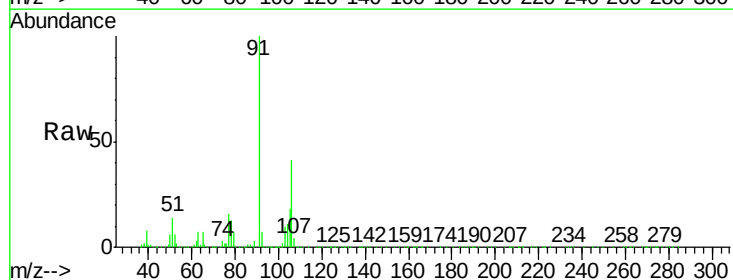
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

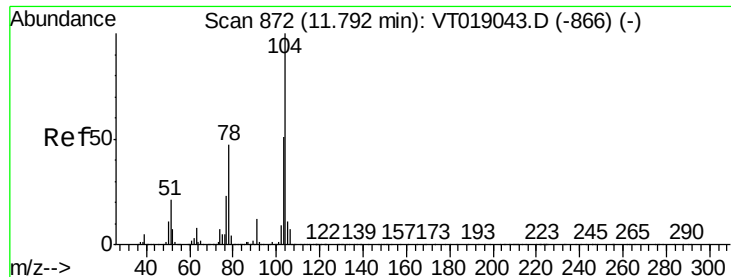
Tot Ion:106 Resp: 844777
Ion Ratio Lower Upper
106 100
91 223.2 162.2 243.4



#68
o-Xylene
Concen: 21.87 ug/l
RT: 11.77 min Scan# 870
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

Tgt Ion:106 Resp: 382921
Ion Ratio Lower Upper
106 100
91 244.1 116.0 348.0

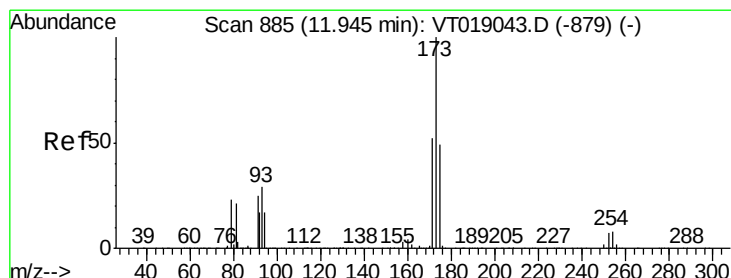
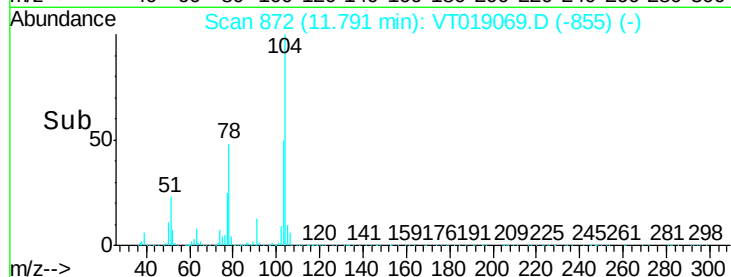
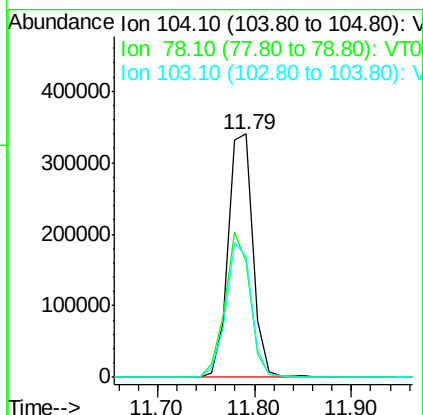
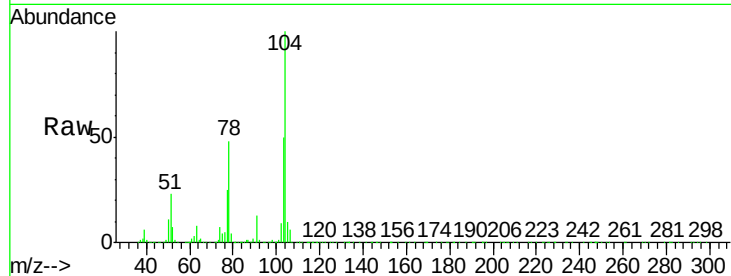




#69
Stvrene
Concen: 22.25 ug/l
RT: 11.79 min Scan# 872
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

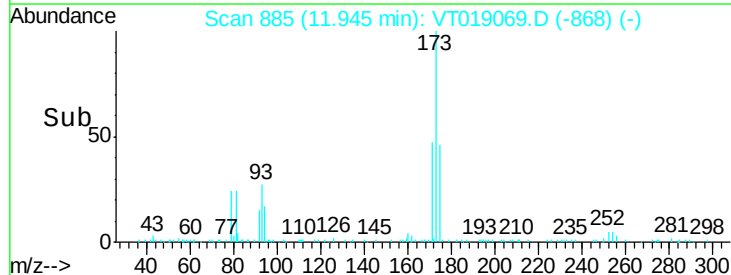
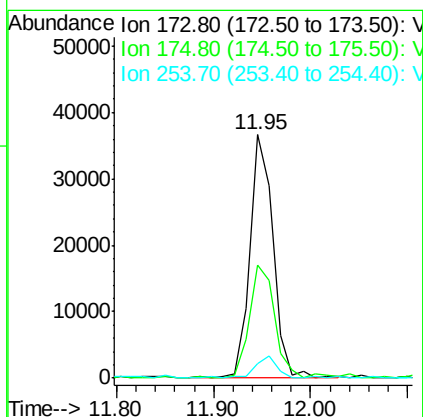
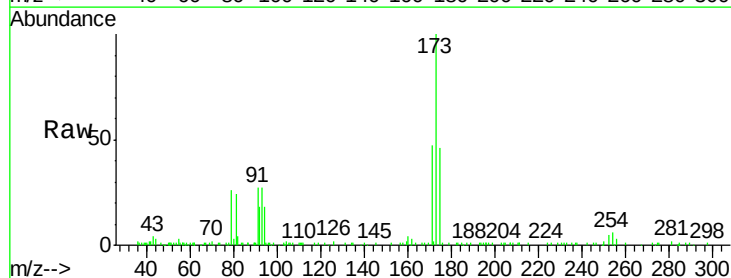
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

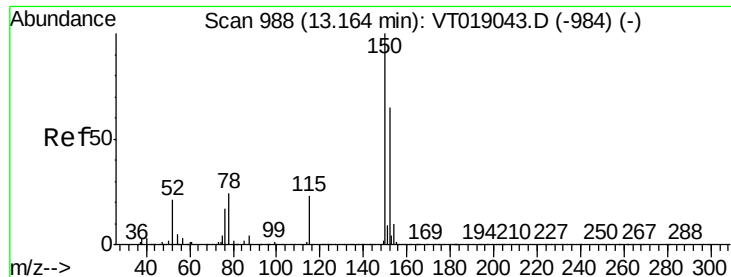
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.5	38.0	57.0
103	49.6	40.6	61.0



#70
Bromoform
Concen: 18.85 ug/l
RT: 11.95 min Scan# 885
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.4	24.6	73.8
254	6.1	6.1	9.1

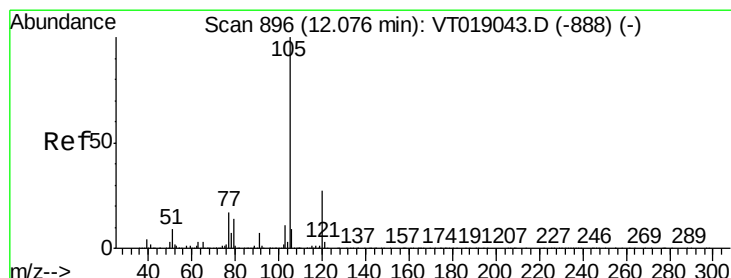
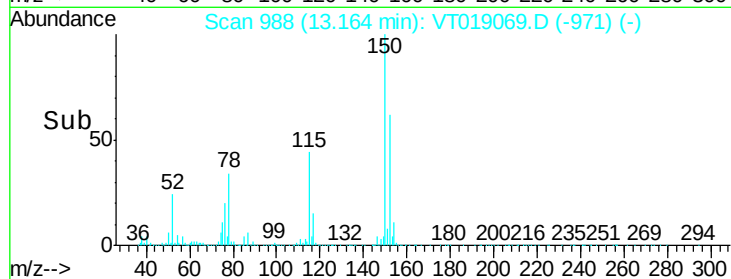
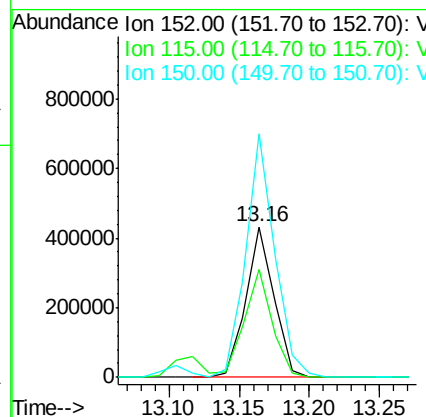
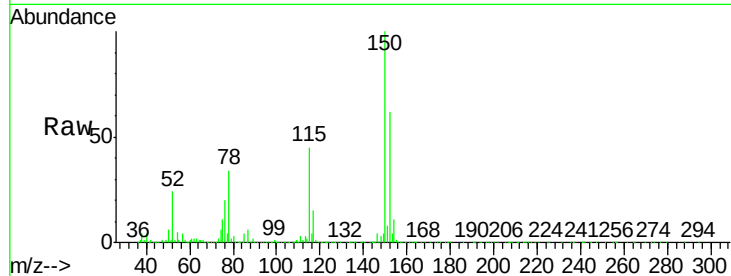




#71
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.16 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

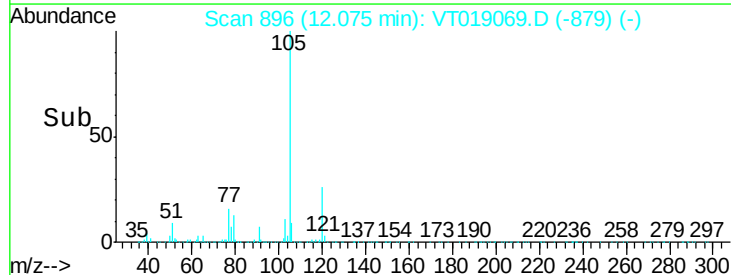
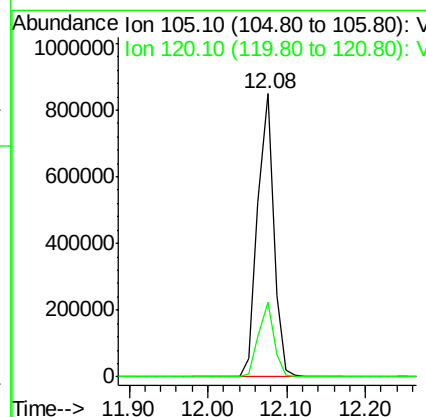
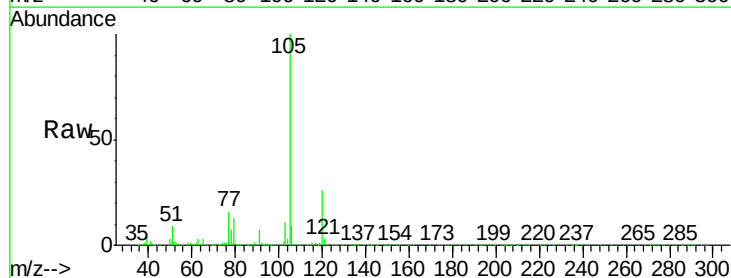
Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

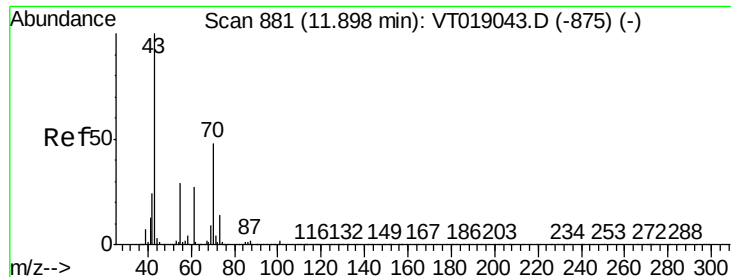
Tot Ion	Ratio	Lower	Upper
152	100		
115	72.1	34.2	102.6
150	161.9	0.0	321.2



#72
 Isopropylbenzene
 Concen: 24.94 ug/l
 RT: 12.08 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.6	40.8





#73

N-amvl acetate

Concen: 20.47 ug/l

RT: 11.90 min Scan# 881

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

Tot Ion: 43 Resp: 163782

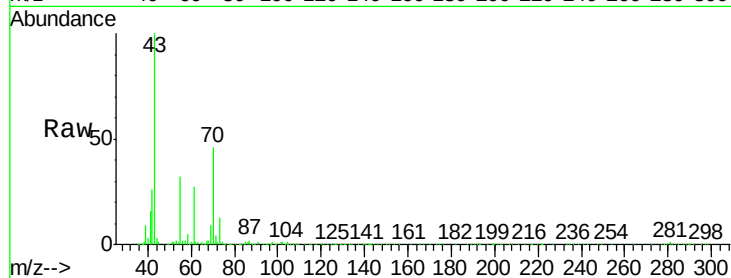
Ion	Ratio	Lower	Upper
43	100		
70	46.0	38.2	57.4
55	31.9	23.5	35.3
61	27.2	21.7	32.5

43 100

70 46.0 38.2 57.4

55 31.9 23.5 35.3

61 27.2 21.7 32.5



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 70.10 (69.80 to 70.80): VT0

Ion 55.10 (54.80 to 55.80): VT0

Ion 61.10 (60.80 to 61.80): VT0

150000

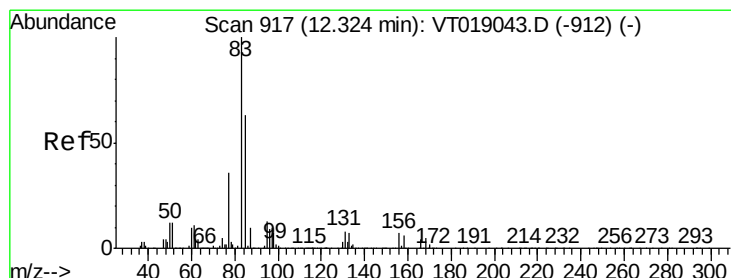
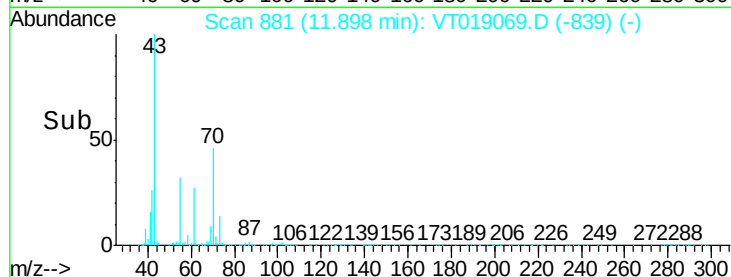
100000

50000

0

11.80 11.90 12.00

Time-->



#74

1,1,2,2-Tetrachloroethane

Concen: 21.38 ug/l

RT: 12.32 min Scan# 917

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

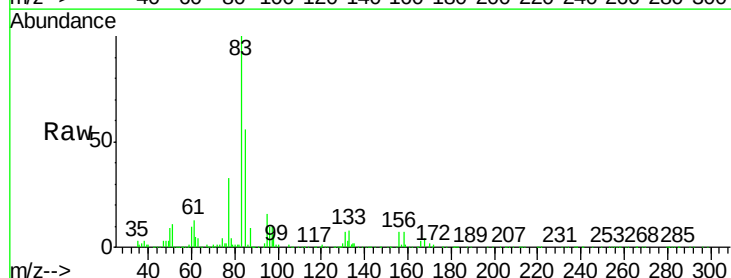
Tgt Ion: 83 Resp: 152754

Ion	Ratio	Lower	Upper
83	100		
131	6.7	4.0	12.2
85	56.1	31.4	94.3

83 100

131 6.7 4.0 12.2

85 56.1 31.4 94.3



Abundance Ion 83.00 (82.70 to 83.70): VT0

Ion 131.00 (130.70 to 131.70): VT0

Ion 85.00 (84.70 to 85.70): VT0

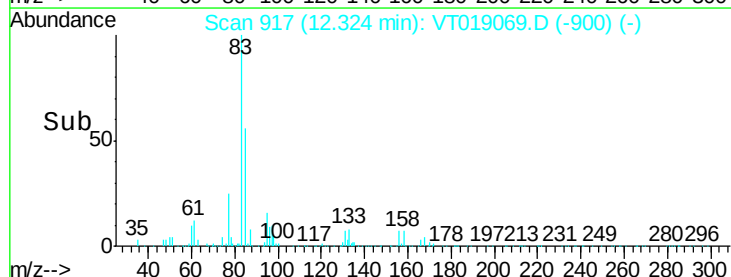
100000

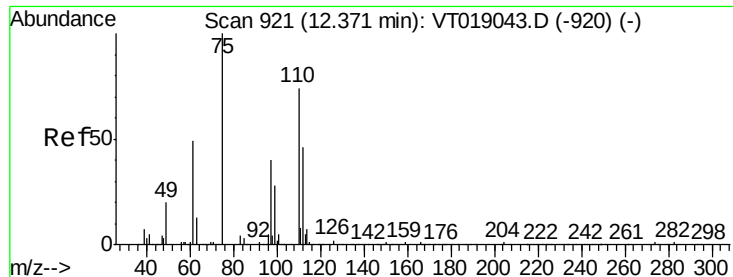
50000

0

12.20 12.30 12.40

Time-->

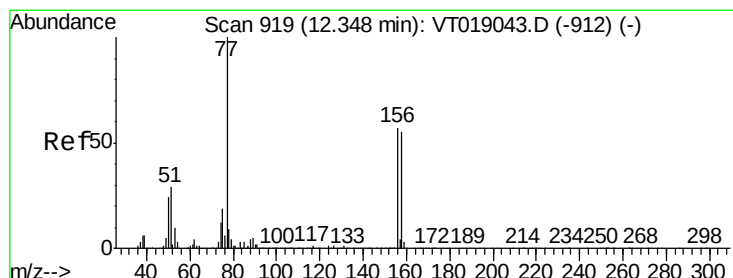
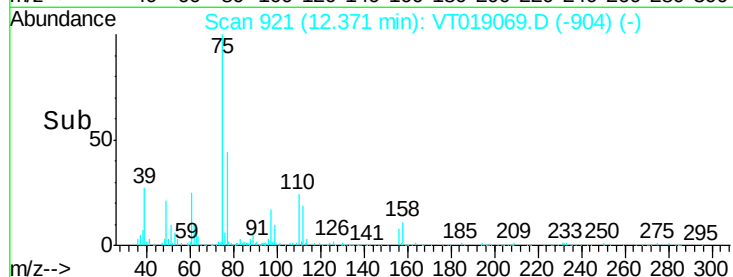
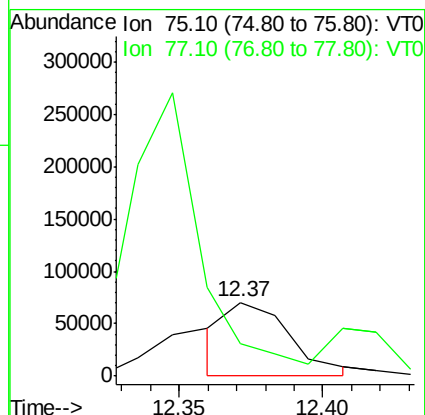
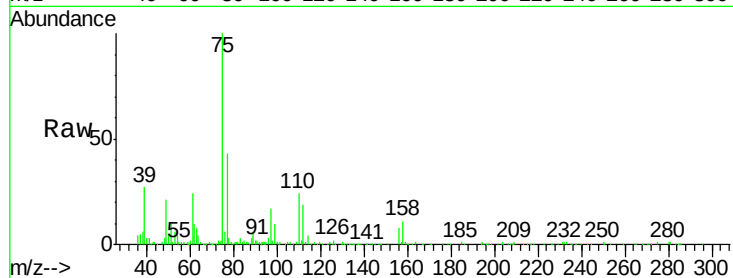




#75
1,2,3-Trichloropropane
Concen: 21.21 ug/l m
RT: 12.37 min Scan# 921
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

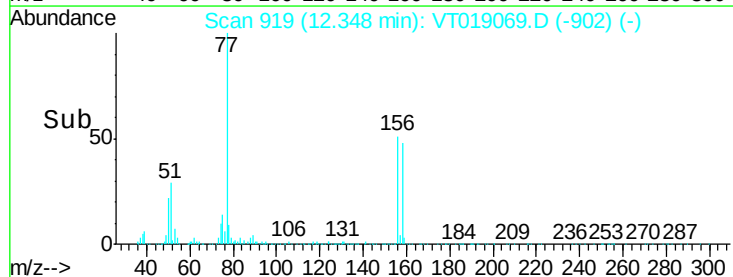
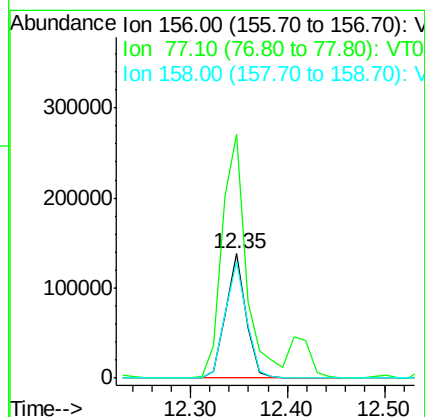
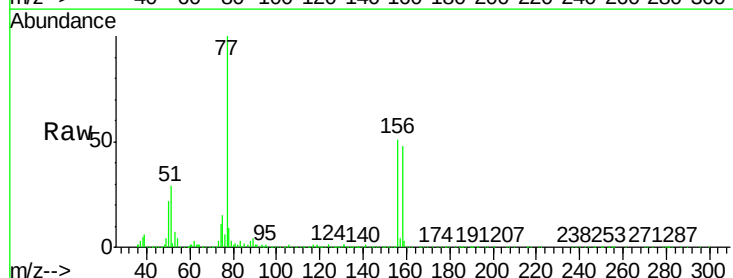
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

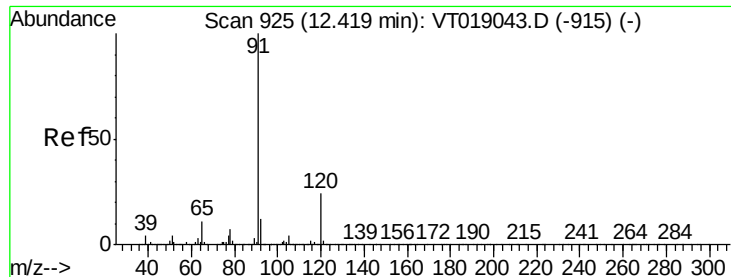
Tot Ion: 75 Resp: 108435
Ion Ratio Lower Upper
75 100
77 43.5 21.1 63.1



#76
Bromobenzene
Concen: 20.75 ug/l
RT: 12.35 min Scan# 919
Delta R.T. -0.00 min
Lab File: VT019069.D
Acq: 10 May 2018 11:32

Tgt Ion: 156 Resp: 199440
Ion Ratio Lower Upper
156 100
77 195.7 87.8 263.4
158 93.9 48.3 144.8





#77

n-propylbenzene

Concen: 22.34 ug/l

RT: 12.42 min Scan# 925

Delta R.T. 0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

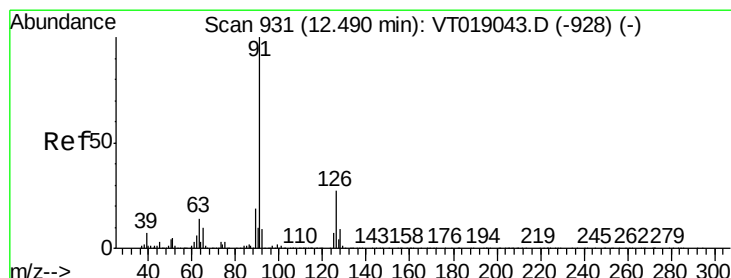
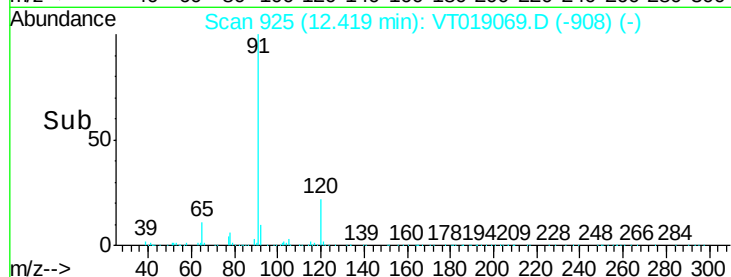
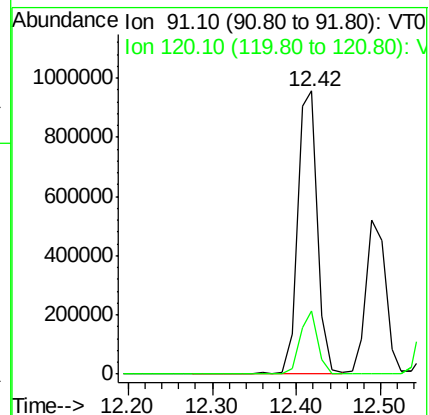
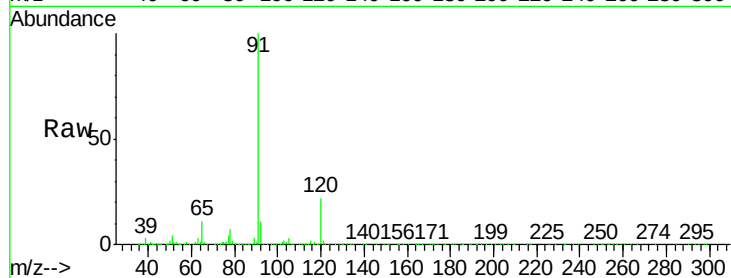
VT0510SBS01

Tot Ion: 91 Resp: 1584780

Ion Ratio Lower Upper

91 100

120 22.4 12.0 36.1



#78

2-Chlorotoluene

Concen: 23.69 ug/l

RT: 12.49 min Scan# 931

Delta R.T. -0.00 min

Lab File: VT019069.D

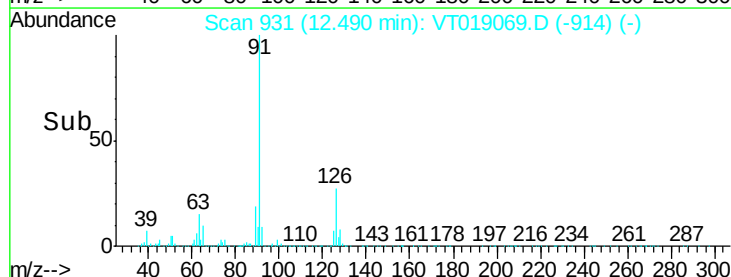
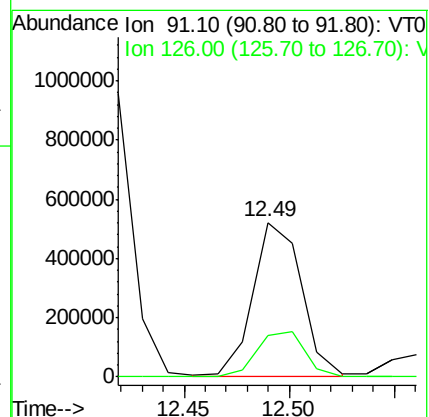
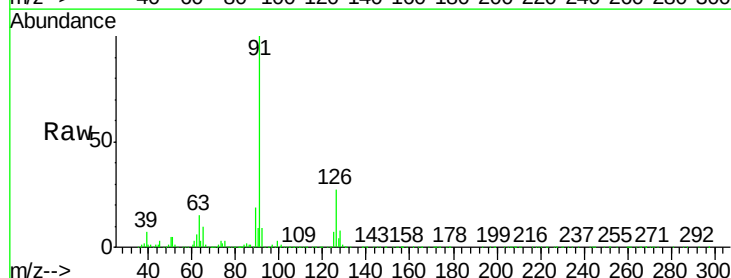
Acq: 10 May 2018 11:32

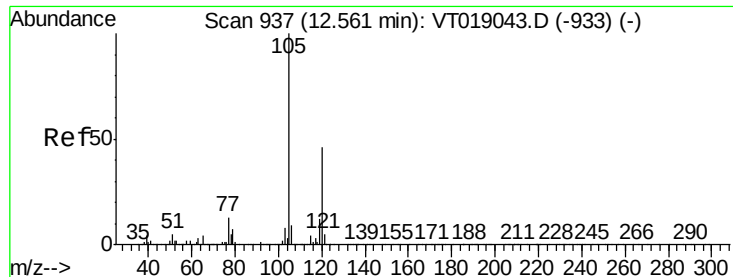
Tgt Ion: 91 Resp: 843809

Ion Ratio Lower Upper

91 100

126 26.9 13.5 40.5





#79

1,3,5-Trimethylbenzene

Concen: 24.22 ug/l

RT: 12.56 min Scan# 937

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

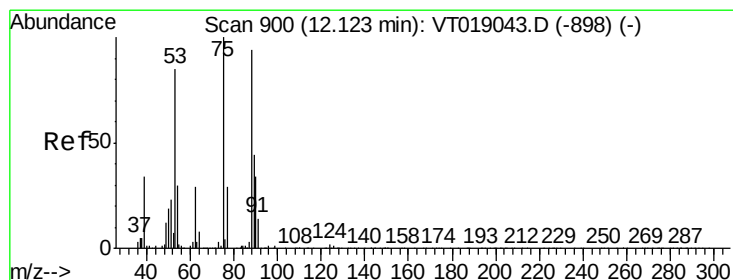
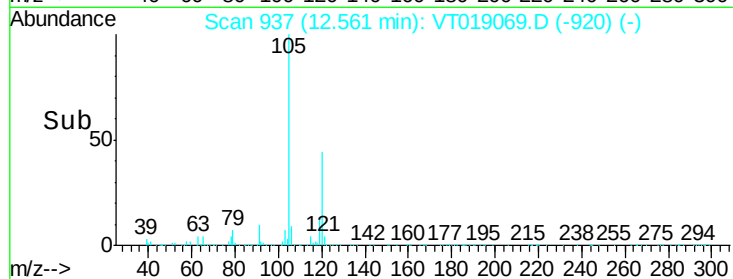
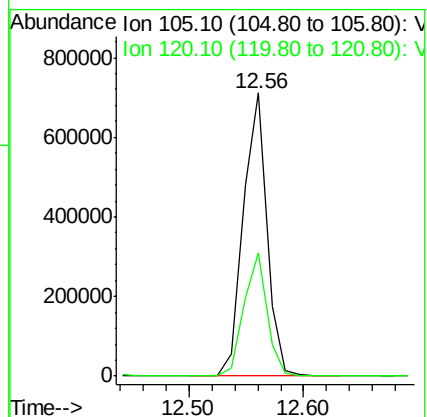
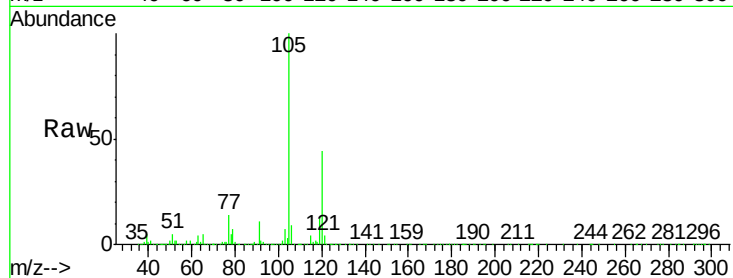
VT0510SBS01

Tot Ion:105 Resp: 1020663

Ion Ratio Lower Upper

105 100

120 43.5 23.2 69.5



#80

trans-1,4-Dichloro-2-butene

Concen: 18.54 ug/l

RT: 12.12 min Scan# 900

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

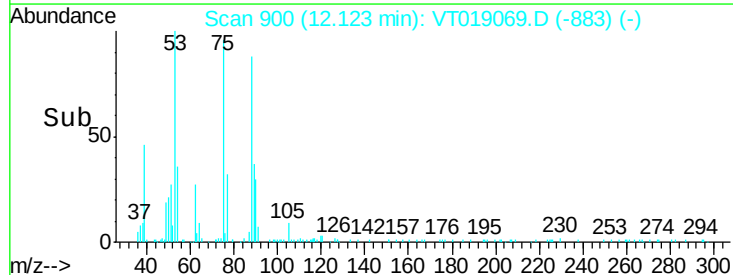
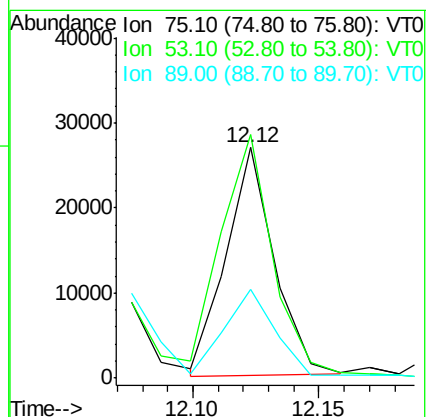
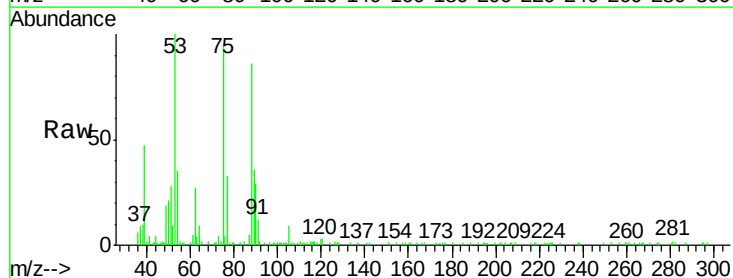
Tgt Ion: 75 Resp: 35646

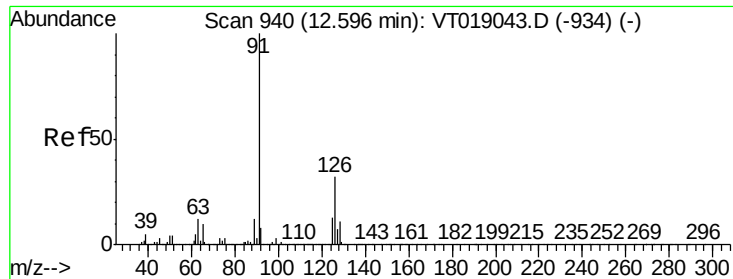
Ion Ratio Lower Upper

75 100

53 105.6 70.8 106.2

89 38.3 35.8 53.8





#81

4-Chlorotoluene

Concen: 23.50 ug/l

RT: 12.60 min Scan# 940

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

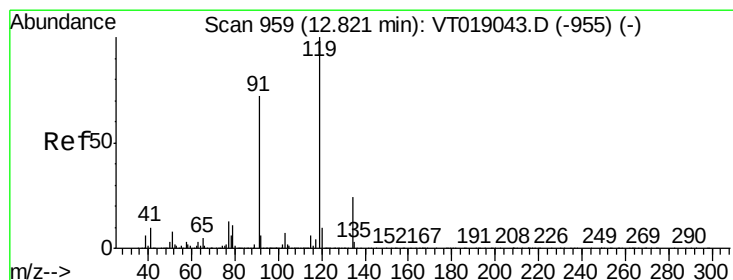
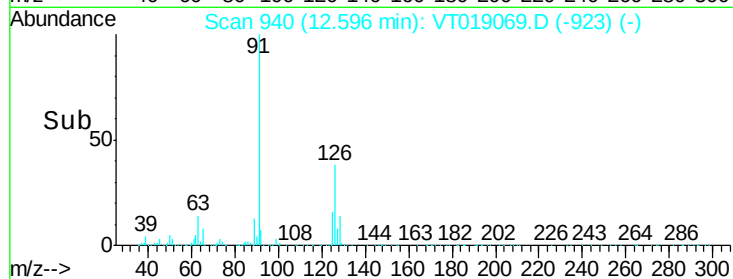
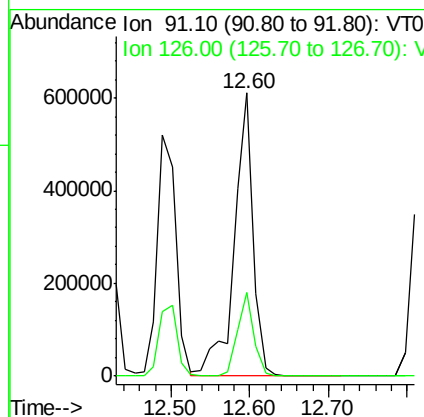
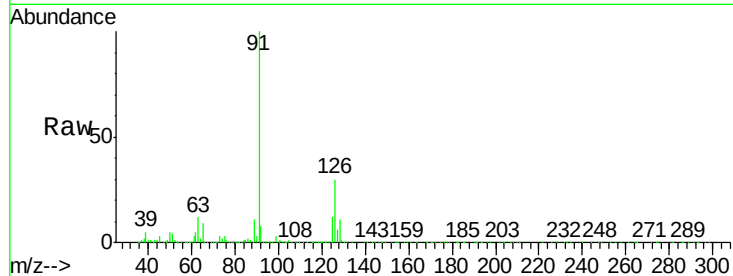
VT0510SBS01

Tot Ion: 91 Resp: 1017421

Ion Ratio Lower Upper

91 100

126 29.8 16.0 47.9



#82

tert-Butylbenzene

Concen: 28.31 ug/l

RT: 12.82 min Scan# 959

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

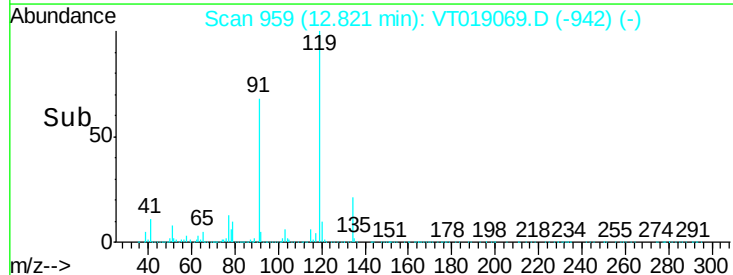
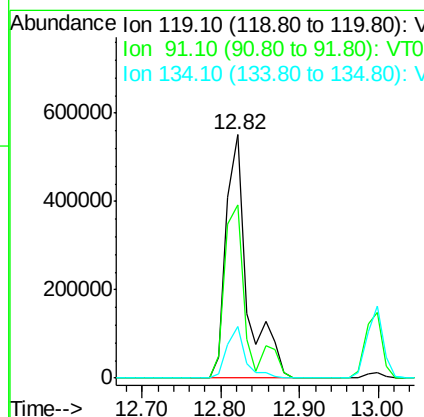
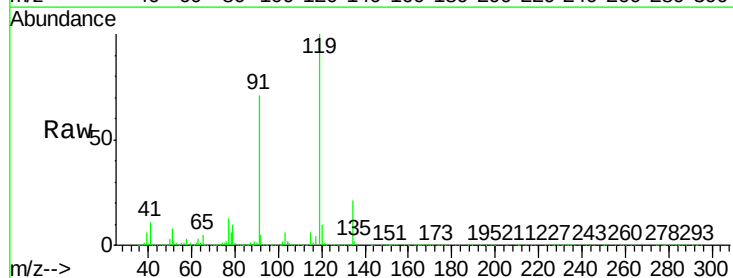
Tgt Ion: 119 Resp: 1039574

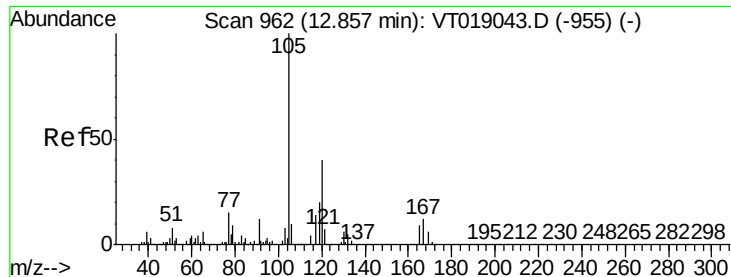
Ion Ratio Lower Upper

119 100

91 71.2 36.1 108.3

134 21.3 12.0 36.1

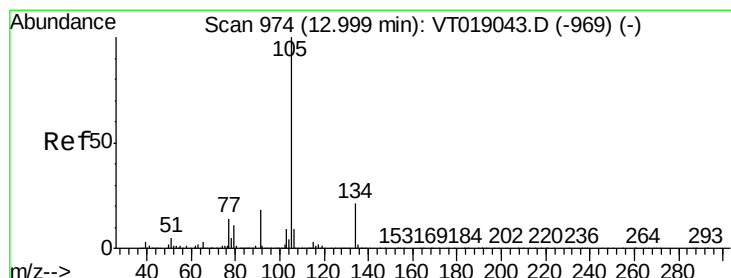
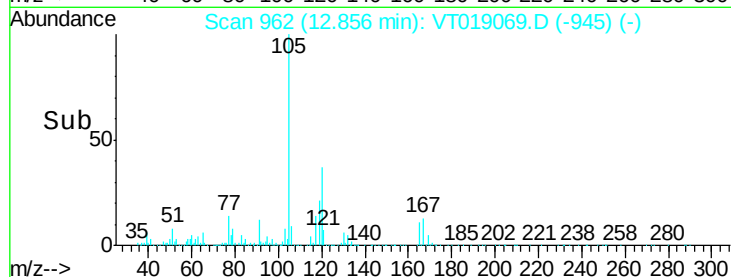
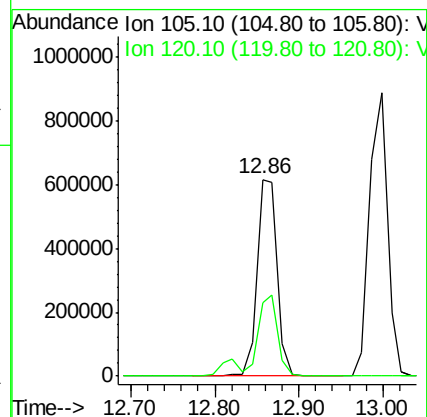
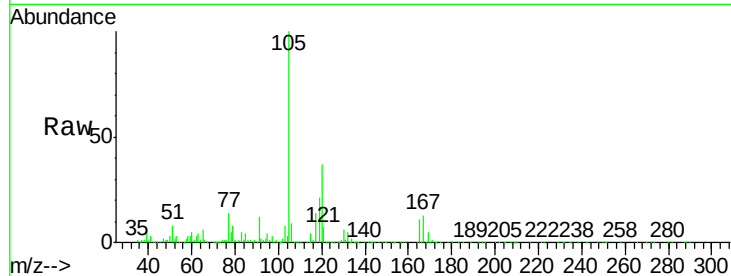




#83
 1,2,4-Trimethylbenzene
 Concen: 24.12 ug/l
 RT: 12.86 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

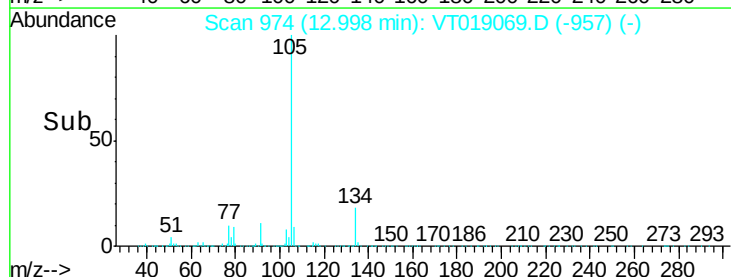
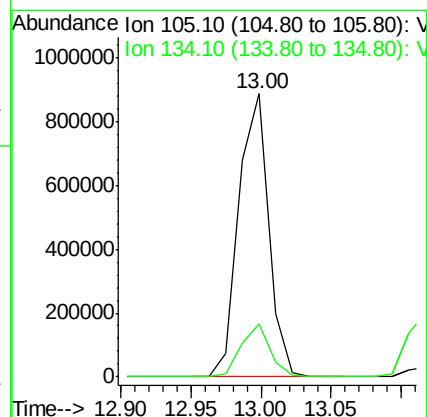
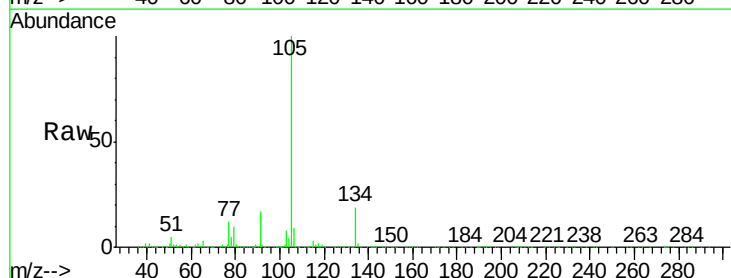
Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

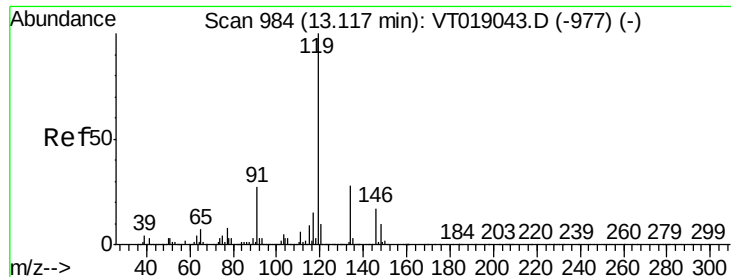
Tot Ion:105 Resp: 1030746
 Ion Ratio Lower Upper
 105 100
 120 37.5 20.0 59.9



#84
 sec-Butylbenzene
 Concen: 25.51 ug/l
 RT: 13.00 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

Tgt Ion:105 Resp: 1320099
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.4 31.2

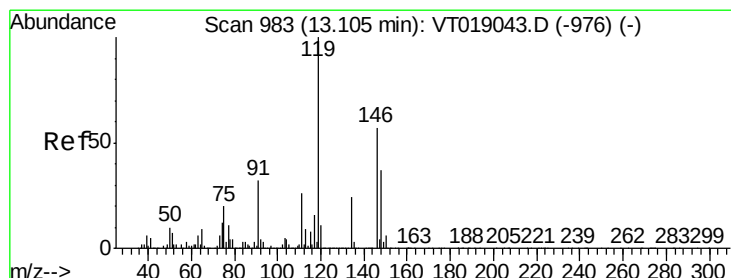
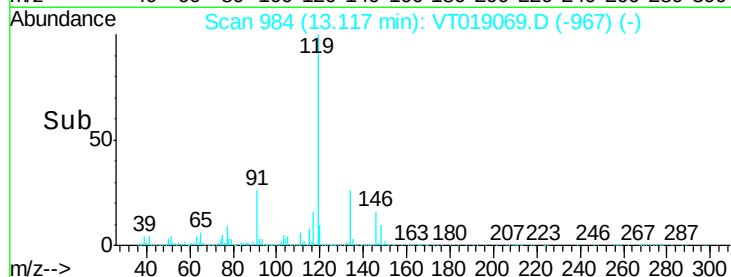
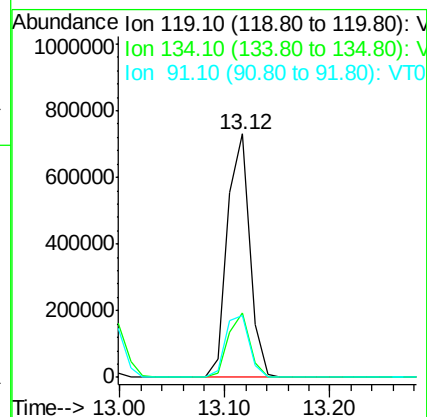
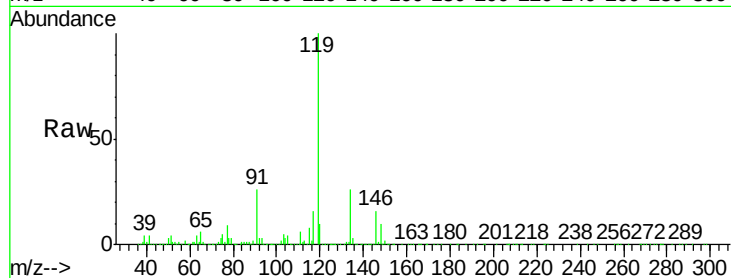




#85
 p-Isopropyltoluene
 Concen: 24.72 ug/l
 RT: 13.12 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

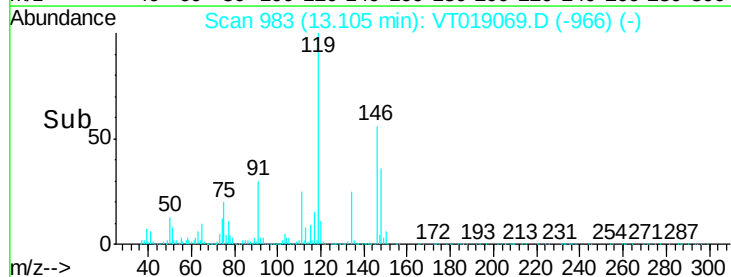
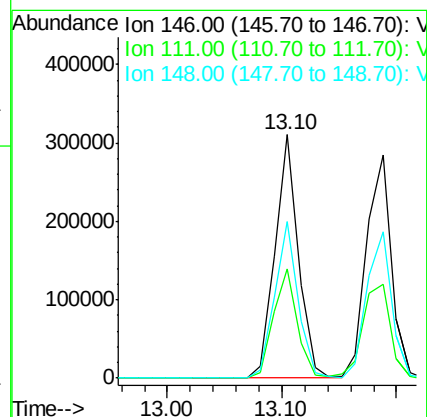
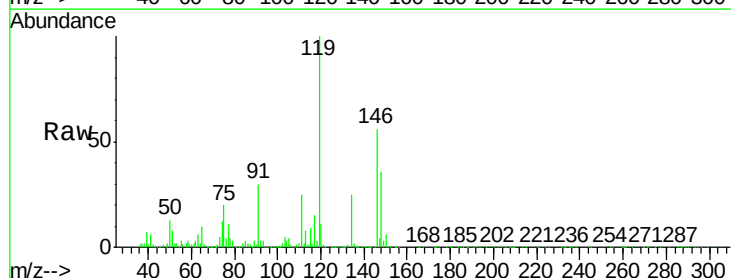
Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

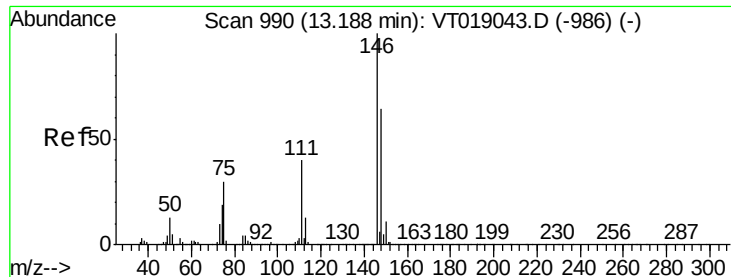
Tot Ion:119 Resp: 1075382
 Ion Ratio Lower Upper
 119 100
 134 26.2 14.1 42.3
 91 25.7 13.5 40.4



#86
 1,3-Dichlorobenzene
 Concen: 21.63 ug/l
 RT: 13.10 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

Tgt Ion:146 Resp: 438732
 Ion Ratio Lower Upper
 146 100
 111 44.7 23.1 69.2
 148 64.4 32.5 97.5

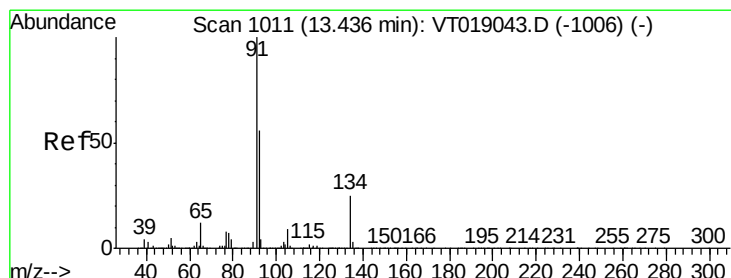
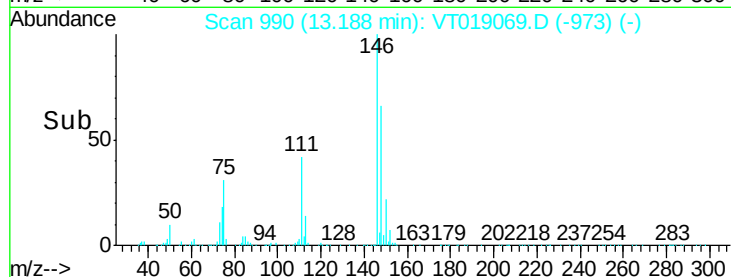
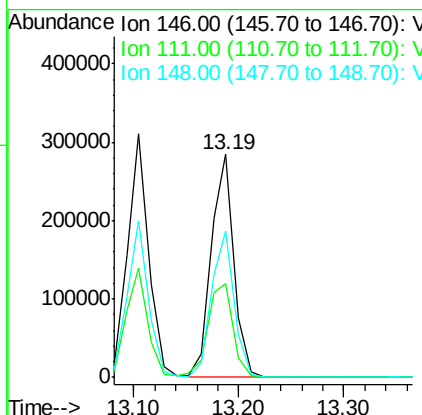
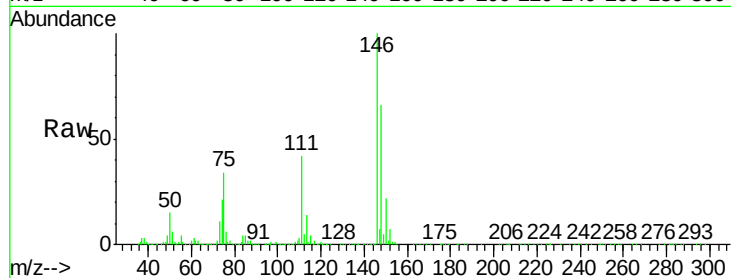




#87
 1,4-Dichlorobenzene
 Concen: 21.68 ug/l
 RT: 13.19 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

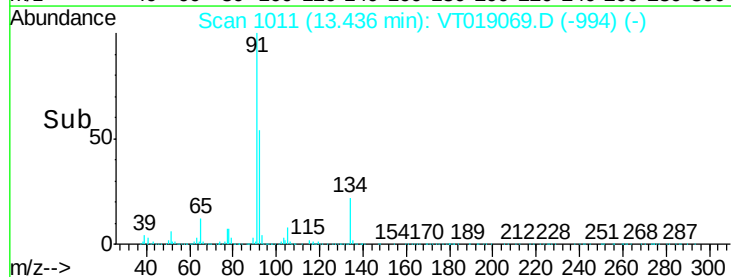
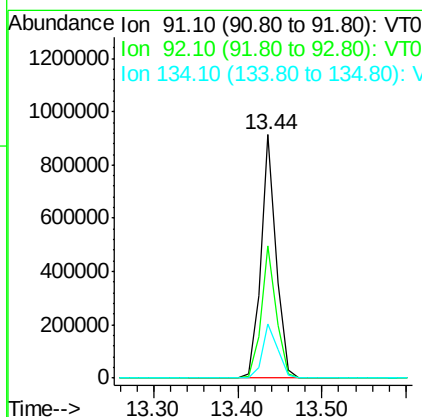
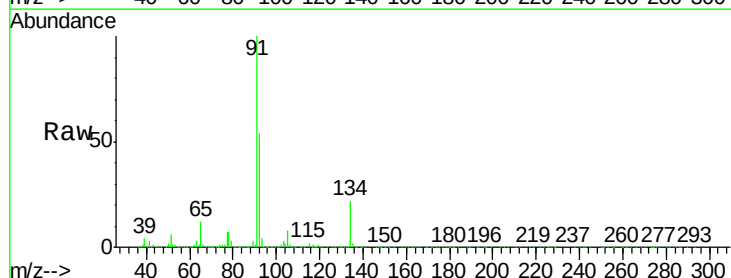
Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

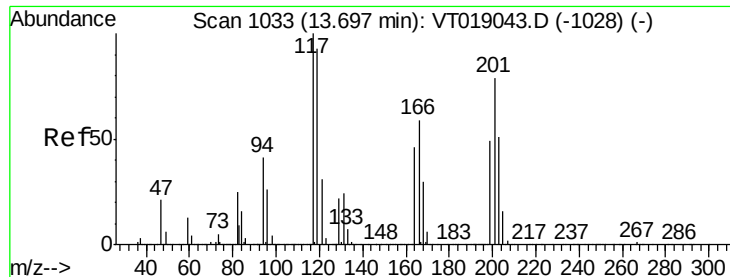
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	60.8
148	65.6	32.3	96.8



#88
 n-Butylbenzene
 Concen: 24.86 ug/l
 RT: 13.44 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	28.0	84.0
134	22.3	12.4	37.0





#89

Hexachloroethane

Concen: 19.99 ug/l

RT: 13.70 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

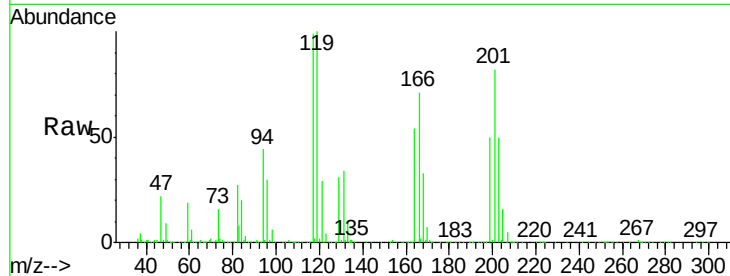
VT0510SBS01

Tot Ion:117 Resp: 150862

Ion Ratio Lower Upper

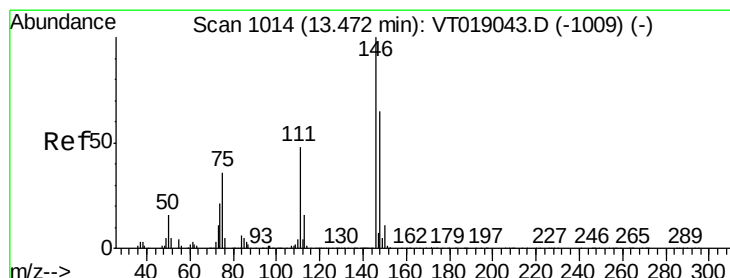
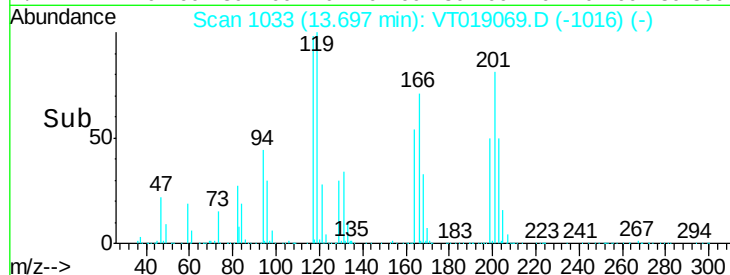
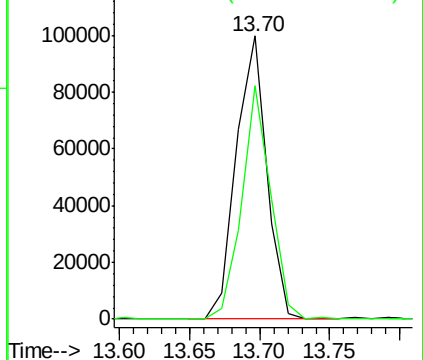
117 100

201 82.4 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: 21.67 ug/l

RT: 13.47 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

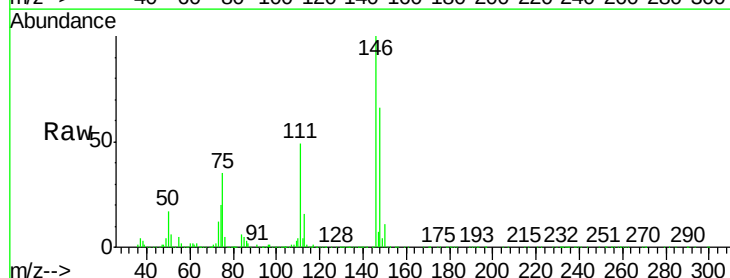
Tgt Ion:146 Resp: 367420

Ion Ratio Lower Upper

146 100

111 49.4 23.8 71.2

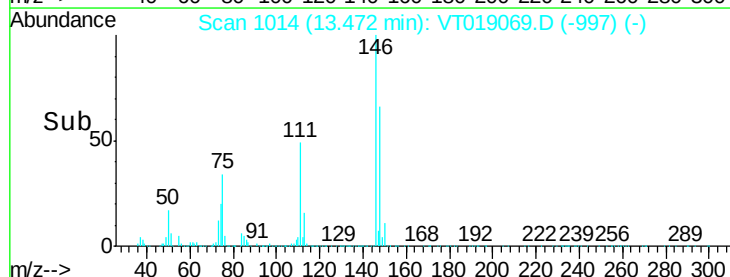
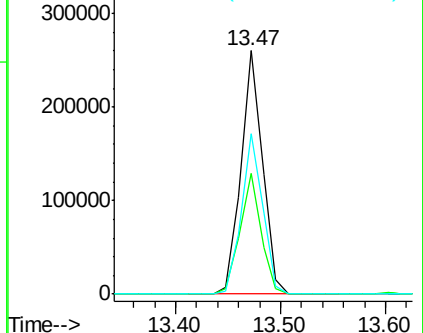
148 65.7 32.7 98.1

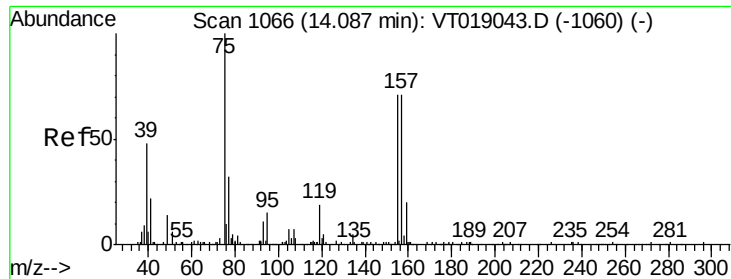


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#91

1,2-Dibromo-3-Chloropropane

Concen: 17.97 ug/l

RT: 14.09 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

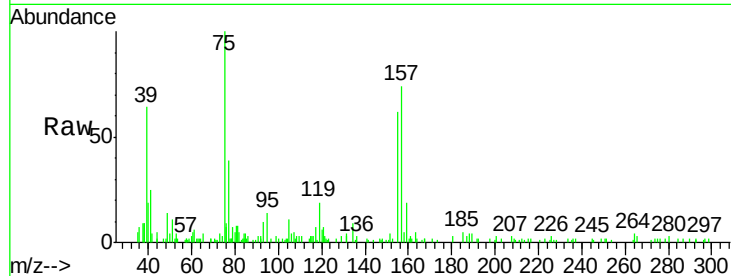
Tot Ion: 75 Resp: 18498

Ion Ratio Lower Upper

75 100

155 62.0 35.6 106.8

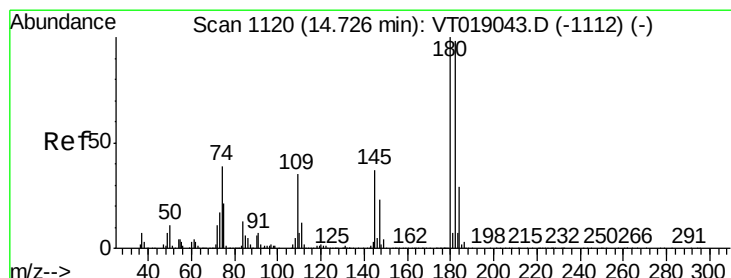
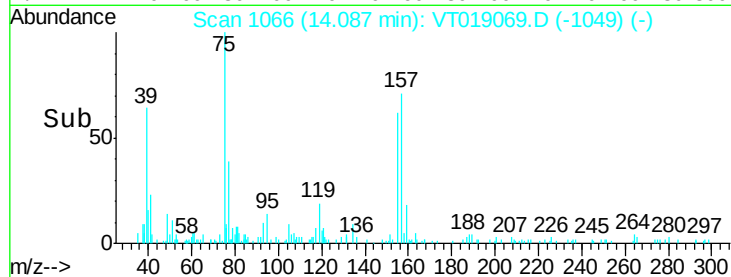
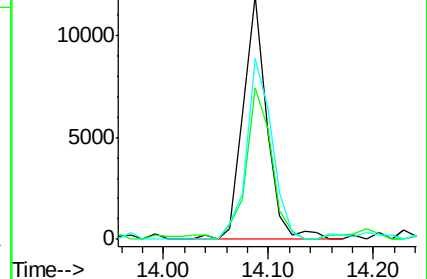
157 74.2 35.8 107.3



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: 19.82 ug/l

RT: 14.73 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

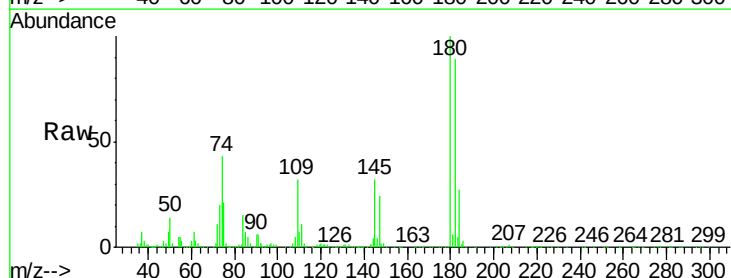
Tgt Ion:180 Resp: 224539

Ion Ratio Lower Upper

180 100

182 89.3 49.0 147.0

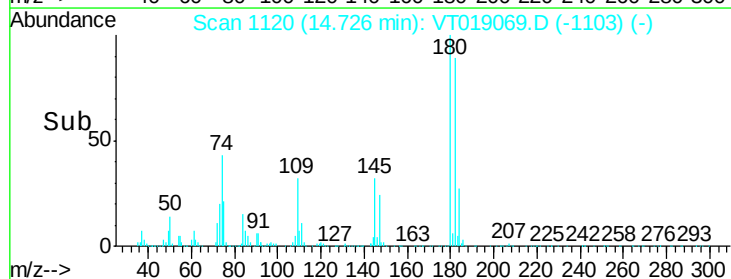
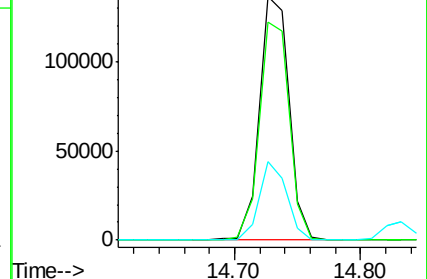
145 32.1 18.3 54.9

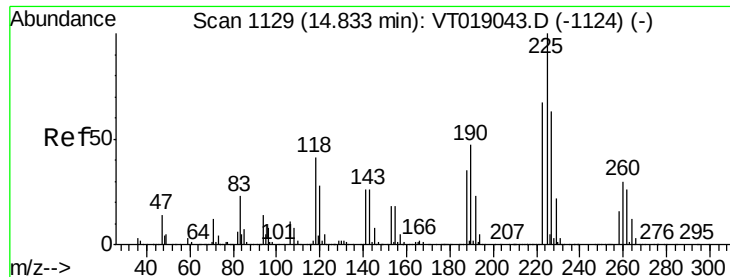


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 145.00 (144.70 to 145.70): V





#93

Hexachlorobutadiene

Concen: 20.23 ug/l

RT: 14.83 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

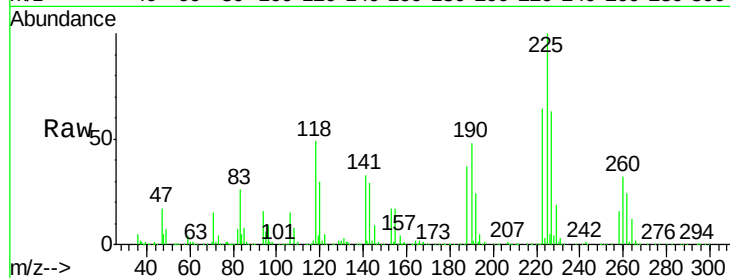
Tot Ion:225 Resp: 167427

Ion Ratio Lower Upper

225 100

223 64.0 33.5 100.4

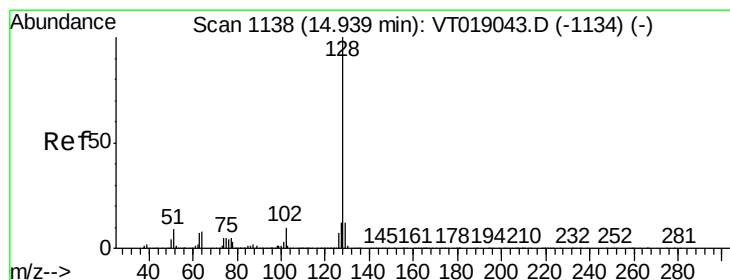
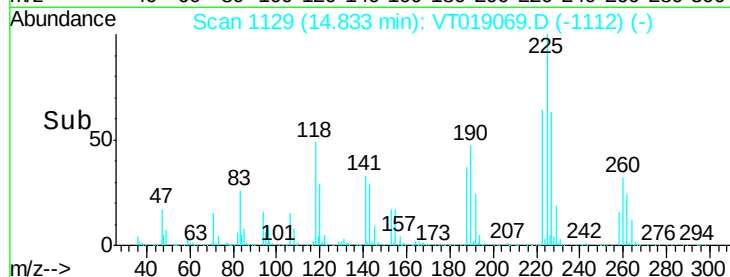
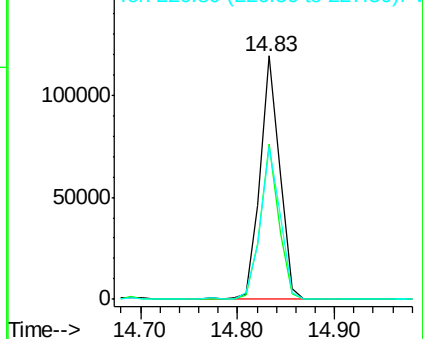
227 62.7 31.7 95.1



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: 17.42 ug/l

RT: 14.95 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VT019069.D

Acq: 10 May 2018 11:32

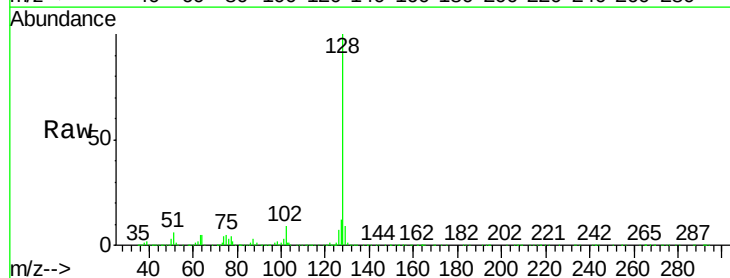
Tgt Ion:128 Resp: 318791

Ion Ratio Lower Upper

128 100

127 11.8 9.9 14.9

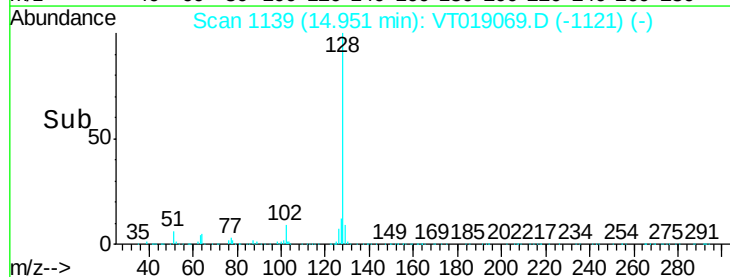
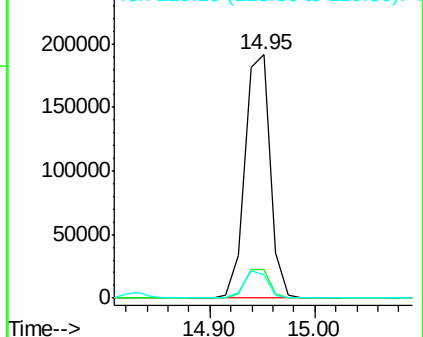
129 9.5 9.3 13.9

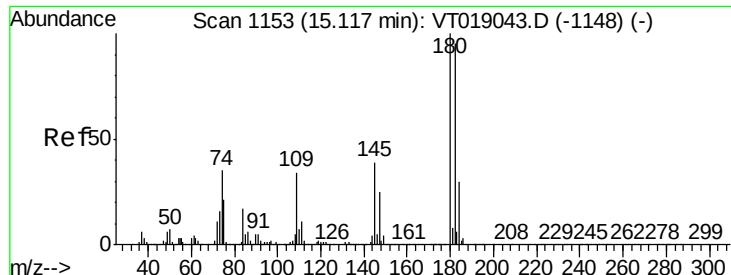


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

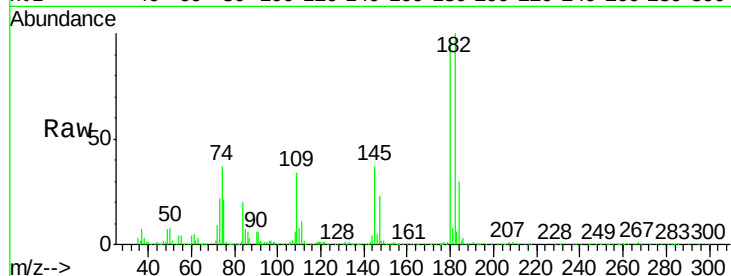




#95
 1,2,3-Trichlorobenzene
 Concen: 18.77 ug/l
 RT: 15.12 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VT019069.D
 Acq: 10 May 2018 11:32

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	105.0	47.7	143.1
145	38.4	19.4	58.1



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 145.00 (144.70 to 145.70): V

