

Data File : VT019043.D

Acq On : 8 May 2018 18:48

Operator : SY/MD

Sample : VSTDICCC050

Misc : 5.00g/5mL/MSVOA_T/SOIL

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Quant Time: May 09 03:57:25 2018

Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M

Quant Title : SW846 8260

QLast Update : Wed May 09 03:54:37 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	1130857	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1892438	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1640253	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	792875	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	523521	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
34) Dibromofluoromethane	7.35	113	531725	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
49) Toluene-d8	9.90	98	2390635	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
61) 4-Bromofluorobenzene	12.22	95	910615	58.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	751056	71.43	ug/l	100
3) Chloromethane	1.96	50	235813	24.28	ug/l	100
4) Vinyl Chloride	2.11	62	396104	37.97	ug/l	100
5) Bromomethane	2.46	94	326358	55.95	ug/l	100
6) Chloroethane	2.57	64	225073	41.48	ug/l	100
7) Trichlorofluoromethane	2.93	101	574309	47.90	ug/l	100
8) Diethyl Ether	3.21	74	151799	35.03	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.60	101	506014	48.97	ug/l	100
10) Methyl Iodide	3.76	142	755501	47.08	ug/l	100
11) Tert butyl alcohol	4.55	59	120324	243.20	ug/l	100
12) 1,1-Dichloroethene	3.57	96	460082	43.03	ug/l	100
13) Acrolein	3.40	56	56951	83.40	ug/l	100
14) Allyl chloride	4.06	41	993172	53.11	ug/l	100
15) Acrylonitrile	4.70	53	520293	232.56	ug/l	100
16) Acetone	3.60	43	260109	116.44	ug/l	100
17) Carbon Disulfide	4.06	76	521034	17.73	ug/l	100
18) Methyl Acetate	4.08	43	281475	29.55	ug/l	100
19) Methyl tert-butyl Ether	4.76	73	1165623	57.58	ug/l	100
20) Methylene Chloride	4.33	84	581222	46.70	ug/l	100
21) trans-1,2-Dichloroethene	4.75	96	680582	59.22	ug/l	100
22) Diisopropyl ether	5.67	45	1901297	57.56	ug/l	100
23) Vinyl Acetate	5.61	43	4209229	342.92	ug/l	100
24) 1,1-Dichloroethane	5.57	63	1266800	64.85	ug/l	100
25) 2-Butanone	6.57	43	643486	210.99	ug/l	100
26) 2,2-Dichloropropane	6.55	77	513427	55.84	ug/l	100
27) cis-1,2-Dichloroethene	6.56	96	668168	59.54	ug/l	100
28) Bromochloromethane	6.94	49	432337	54.14	ug/l	100
29) Chloroform	7.13	83	1214769	67.91	ug/l	100
30) Cyclohexane	7.43	56	1385813	62.33	ug/l	100
31) 1,1,1-Trichloroethane	7.33	97	959886	70.11	ug/l	100
35) 1,1-Dichloropropene	7.57	75	1107148	59.22	ug/l	100
36) Ethyl Acetate	6.68	43	270011	39.07	ug/l	100
37) Carbon Tetrachloride	7.54	117	898891	57.46	ug/l	100
38) Methylcyclohexane	8.88	83	1343304	56.23	ug/l	100

Data File : VT019043.D

Acq On : 8 May 2018 18:48

Operator : SY/MD

Sample : VSTDICCC050

Misc : 5.00g/5mL/MSVOA_T/SOIL

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Quant Time: May 09 03:57:25 2018

Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M

Quant Title : SW846 8260

QLast Update : Wed May 09 03:54:37 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	2881409	55.76	ug/l	100
40) Methacrylonitrile	6.96	41	383773	94.08	ug/l #	40
41) 1,2-Dichloroethane	7.91	62	625035	50.27	ug/l	100
42) Isopropyl Acetate	7.96	43	492768	43.48	ug/l	100
43) Trichloroethene	8.63	130	658450	50.25	ug/l	100
44) 1,2-Dichloropropane	8.93	63	673605	56.26	ug/l	100
45) Dibromomethane	9.01	93	262354	49.92	ug/l	100
46) Bromodichloromethane	9.21	83	776429	56.77	ug/l	100
47) Methyl methacrylate	9.01	41	260511	40.54	ug/l	100
48) 1,4-Dioxane	9.01	88	62155	877.56	ug/l	100
50) 4-Methyl-2-Pentanone	9.80	43	1373925	204.40	ug/l	100
51) Toluene	9.97	92	1709189	53.33	ug/l	100
52) t-1,3-Dichloropropene	10.21	75	728197	55.25	ug/l	100
53) cis-1,3-Dichloropropene	9.65	75	919095	55.25	ug/l	100
54) 1,1,2-Trichloroethane	10.38	97	405228	51.63	ug/l	100
55) Ethyl methacrylate	10.25	69	508085	53.07	ug/l	100
56) 1,3-Dichloropropane	10.53	76	738719	54.22	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.51	63	1115584	279.73	ug/l	100
58) 2-Hexanone	10.57	43	1017643	200.47	ug/l	100
59) Dibromochloromethane	10.73	129	424160	46.84	ug/l	100
60) 1,2-Dibromoethane	10.82	107	350709	48.46	ug/l	100
63) Tetrachloroethene	10.45	164	575532	48.11	ug/l	100
64) Chlorobenzene	11.25	112	1744394	49.37	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.33	131	559542	50.37	ug/l	100
66) Ethyl Benzene	11.33	91	3570785	57.93	ug/l	100
67) m/p-Xylenes	11.45	106	2585971	105.02	ug/l	100
68) o-Xylene	11.77	106	1196822	53.34	ug/l	100
69) Styrene	11.79	104	1876930	50.25	ug/l	100
70) Bromoform	11.95	173	222690	39.42	ug/l	100
72) Isopropylbenzene	12.08	105	3537214	60.42	ug/l	100
73) N-amyl acetate	11.90	43	564182	50.40	ug/l	100
74) 1,1,2,2-Tetrachloroethane	12.32	83	484413	54.27	ug/l	100
75) 1,2,3-Trichloropropane	12.37	75	625087	99.80	ug/l	100
76) Bromobenzene	12.35	156	661420	50.87	ug/l	100
77) n-propylbenzene	12.42	91	4439020	62.84	ug/l	100
78) 2-Chlorotoluene	12.49	91	2511354	63.31	ug/l	100
79) 1,3,5-Trimethylbenzene	12.56	105	3056025	60.67	ug/l	100
80) trans-1,4-Dichloro-2-buten	12.12	75	133998	49.03	ug/l	100
81) 4-Chlorotoluene	12.60	91	2975325	62.48	ug/l	100
82) tert-Butylbenzene	12.82	119	3122224	69.84	ug/l	100
83) 1,2,4-Trimethylbenzene	12.86	105	3060545	60.20	ug/l	100
84) sec-Butylbenzene	13.00	105	3787636	59.81	ug/l	100
85) p-Isopropyltoluene	13.12	119	3170626	56.93	ug/l	100
86) 1,3-Dichlorobenzene	13.11	146	1370875	50.73	ug/l	100
87) 1,4-Dichlorobenzene	13.19	146	1335406	49.67	ug/l	100
88) n-Butylbenzene	13.44	91	3406993	65.96	ug/l	100
89) Hexachloroethane	13.70	117	534156	58.76	ug/l	100
90) 1,2-Dichlorobenzene	13.47	146	1136148	48.82	ug/l	100
91) 1,2-Dibromo-3-Chloropropan	14.09	75	74906	55.36	ug/l	100
92) 1,2,4-Trichlorobenzene	14.73	180	772687	49.64	ug/l	100

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

Data File : VT019043.D
Acq On : 8 May 2018 18:48
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_T/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Quant Time: May 09 03:57:25 2018
Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
Quant Title : SW846 8260
QLast Update : Wed May 09 03:54:37 2018
Response via : Initial Calibration

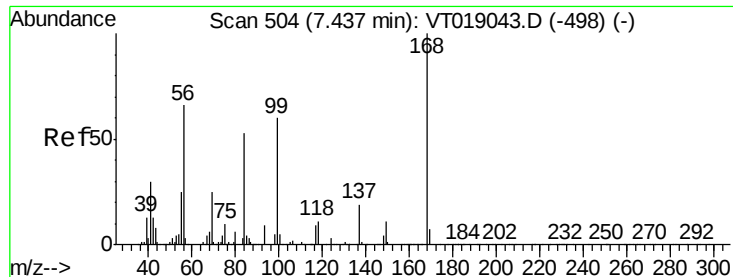
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	560776	54.77	ug/l	100
94) Naphthalene	14.94	128	1288372	50.31	ug/l	100
95) 1,2,3-Trichlorobenzene	15.12	180	630662	47.34	ug/l	100

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

```
ALS Vial      : 6      Sample Multiplier: 1
```

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 504

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

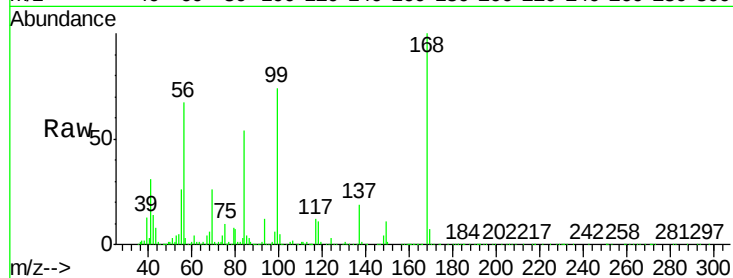
VSTDICCC050

Tgt Ion:168 Resp: 1130857

Ion Ratio Lower Upper

168 100

99 73.7 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

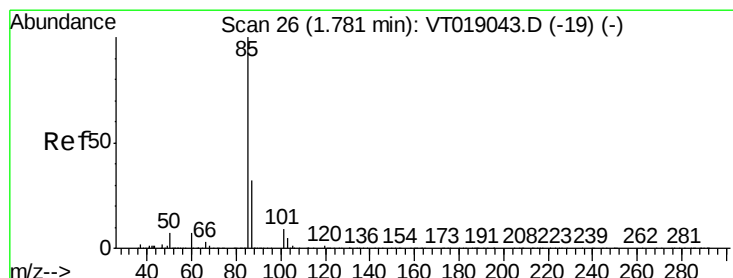
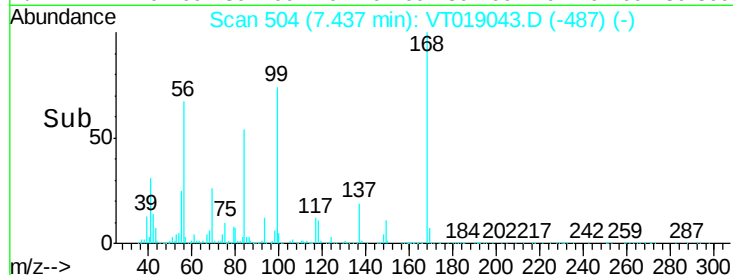
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 71.43 ug/l

RT: 1.78 min Scan# 26

Delta R.T. 0.00 min

Lab File: VT019043.D

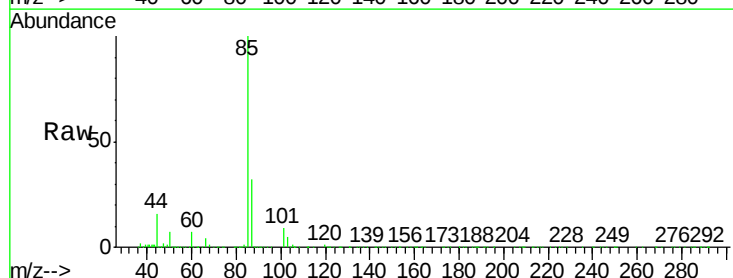
Acq: 8 May 2018 18:48

Tgt Ion: 85 Resp: 751056

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VT0

Ion 87.00 (86.70 to 87.70): VT0

1.78

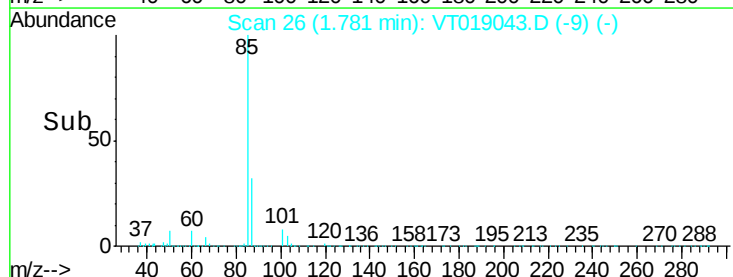
150000

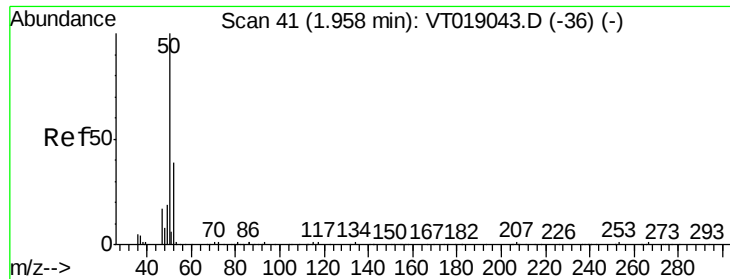
100000

50000

0

Time-->





#3

Chloromethane

Concen: 24.28 ug/l

RT: 1.96 min Scan# 41

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

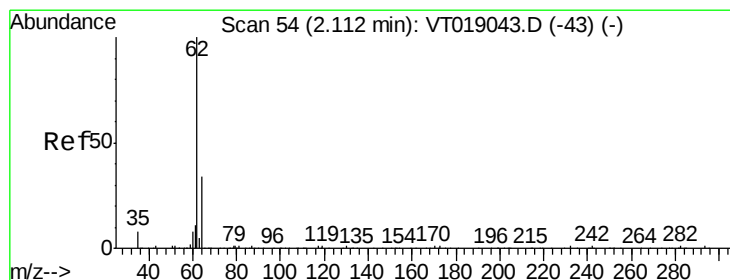
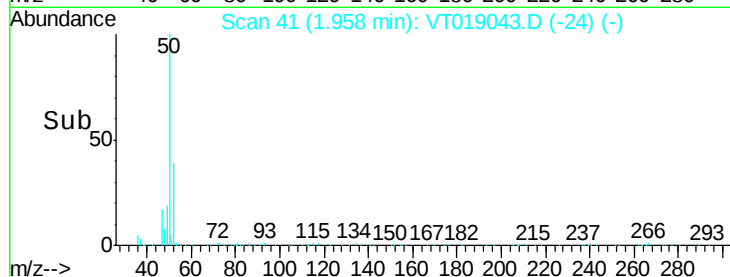
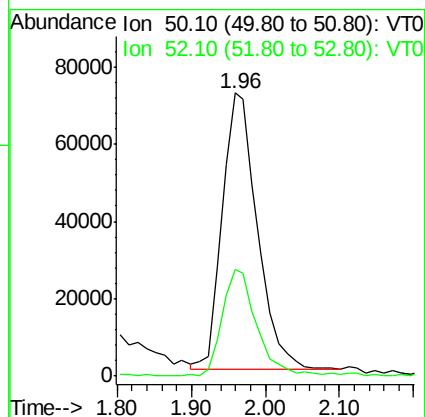
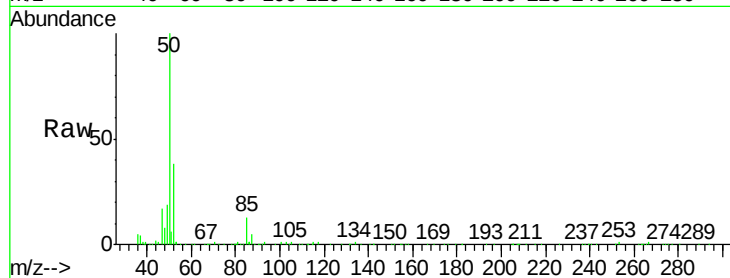
VSTDICCC050

Tgt Ion: 50 Resp: 235813

Ion Ratio Lower Upper

50 100

52 37.6 30.1 45.1



#4

Vinyl Chloride

Concen: 37.97 ug/l

RT: 2.11 min Scan# 54

Delta R.T. 0.00 min

Lab File: VT019043.D

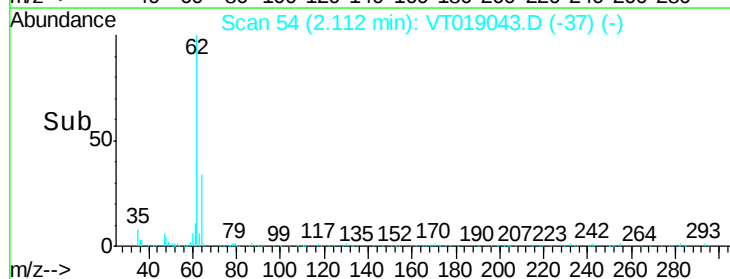
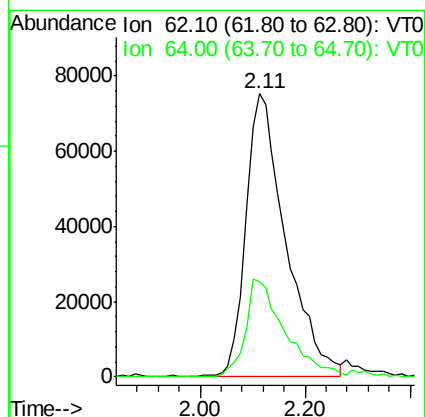
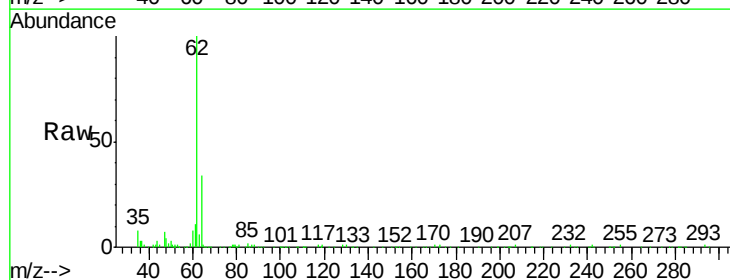
Acq: 8 May 2018 18:48

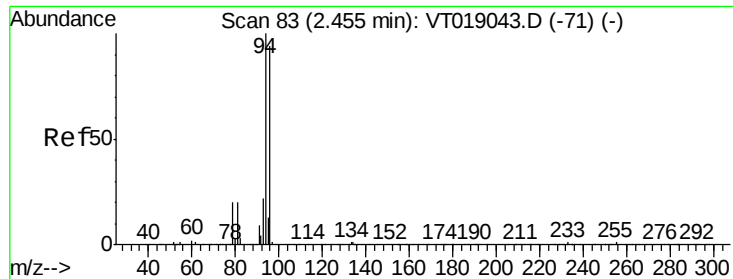
Tgt Ion: 62 Resp: 396104

Ion Ratio Lower Upper

62 100

64 33.7 27.0 40.4





#5

Bromomethane

Concen: 55.95 ug/l

RT: 2.46 min Scan# 83

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

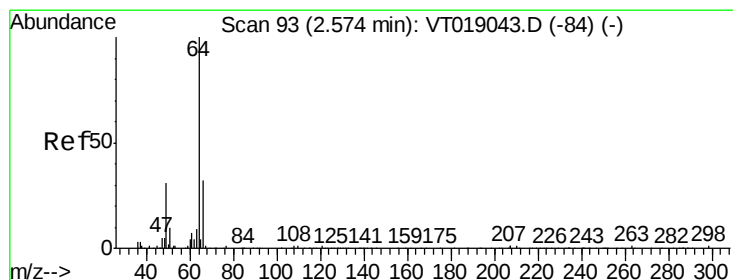
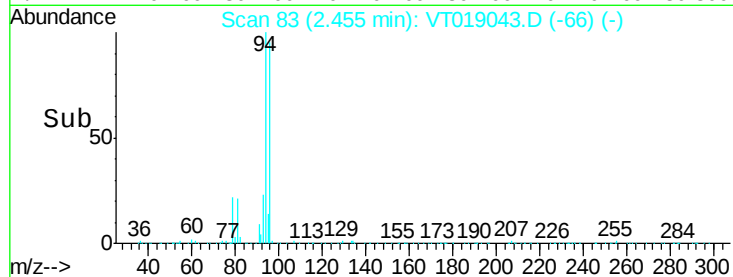
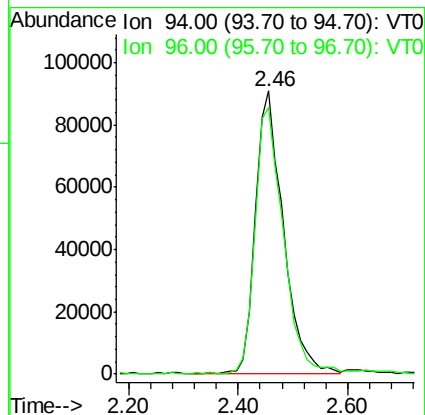
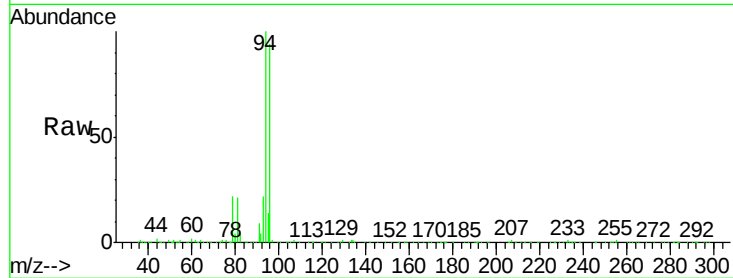
VSTDICCC050

Tgt Ion: 94 Resp: 326358

Ion Ratio Lower Upper

94 100

96 94.1 75.3 112.9



#6

Chloroethane

Concen: 41.48 ug/l

RT: 2.57 min Scan# 93

Delta R.T. 0.00 min

Lab File: VT019043.D

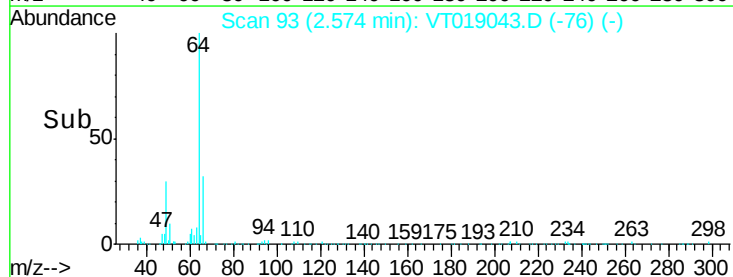
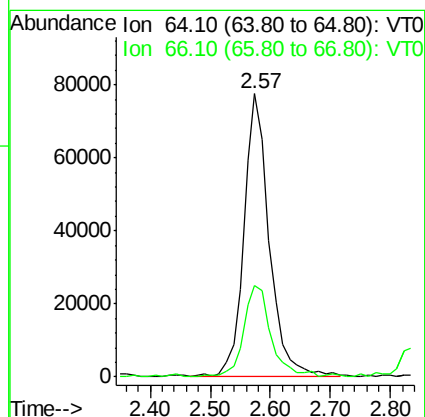
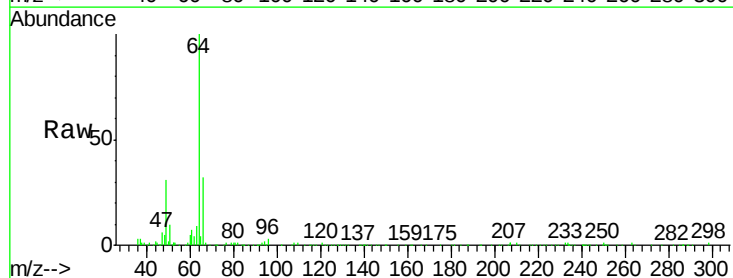
Acq: 8 May 2018 18:48

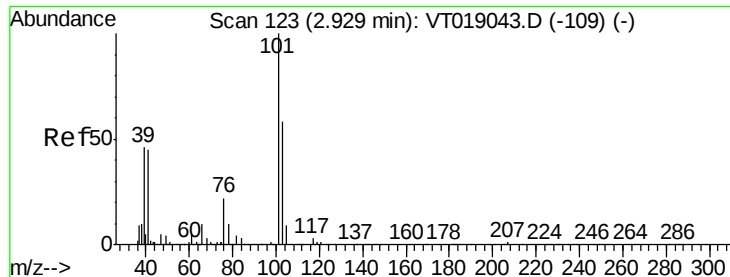
Tgt Ion: 64 Resp: 225073

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8



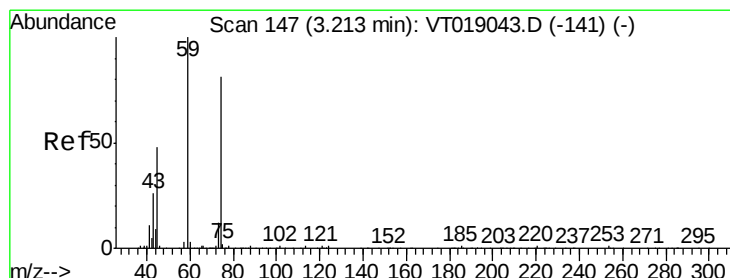
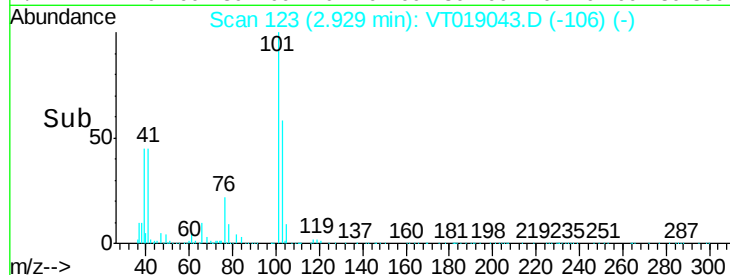
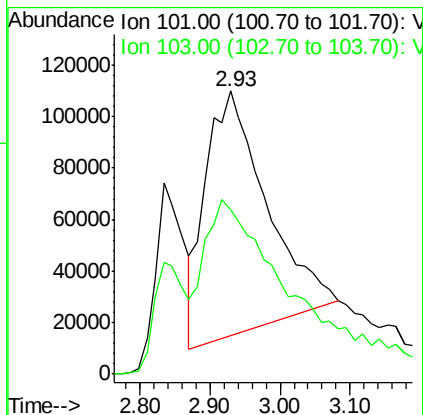
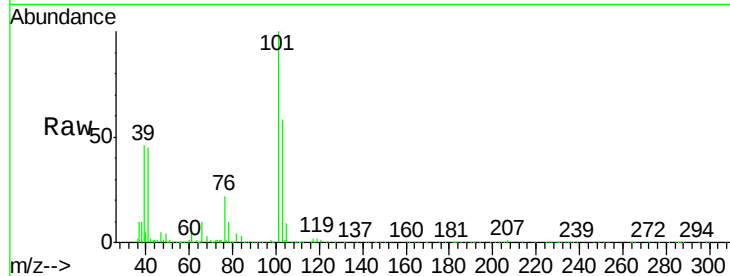


#7

Trichlorofluoromethane
 Concen: 47.90 ug/l
 RT: 2.93 min Scan# 123
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

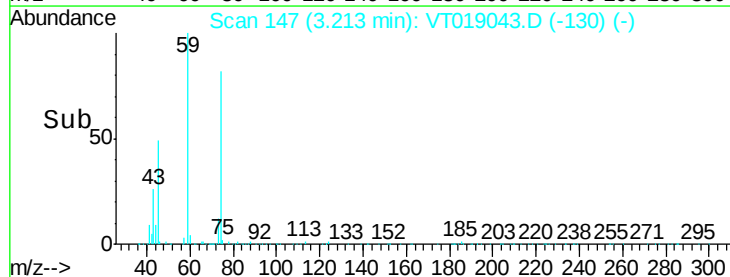
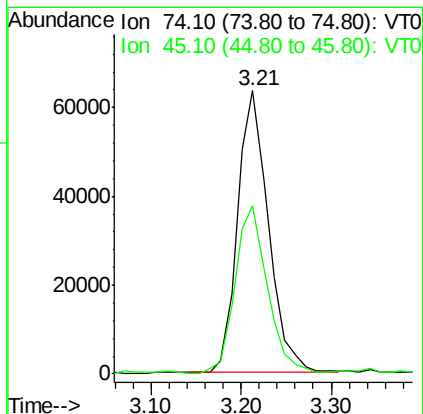
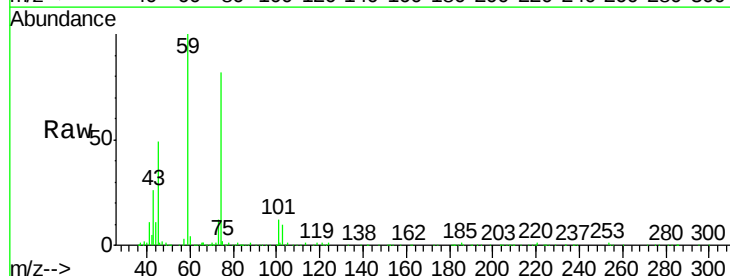
Tgt Ion:101 Resp: 574309
 Ion Ratio Lower Upper
 101 100
 103 58.1 46.5 69.7

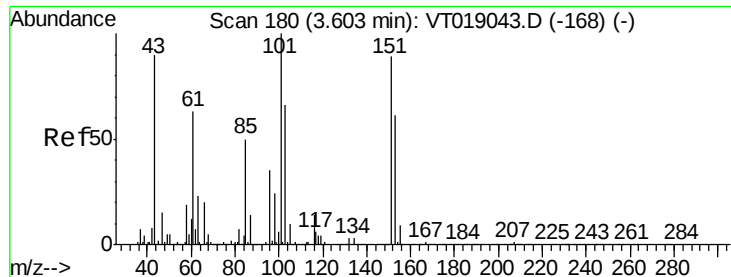


#8

Diethyl Ether
 Concen: 35.03 ug/l
 RT: 3.21 min Scan# 147
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

Tgt Ion: 74 Resp: 151799
 Ion Ratio Lower Upper
 74 100
 45 59.6 29.8 89.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.97 ug/l

RT: 3.60 min Scan# 180

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

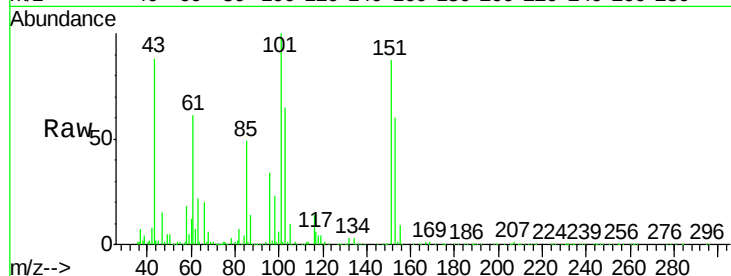
Tgt Ion:101 Resp: 506014

Ion Ratio Lower Upper

101 100

85 49.4 39.5 59.3

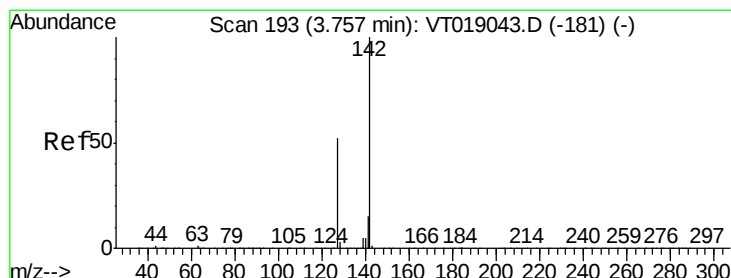
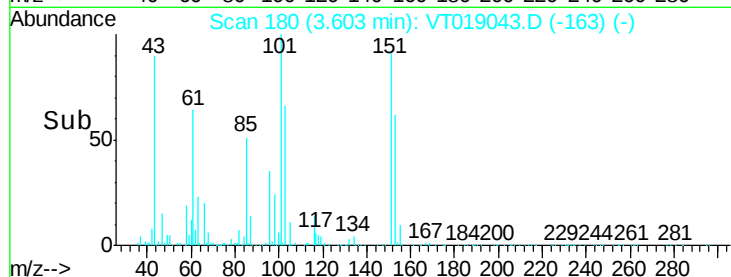
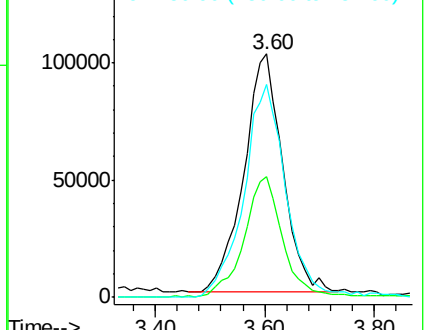
151 87.4 69.9 104.9



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: 47.08 ug/l

RT: 3.76 min Scan# 193

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

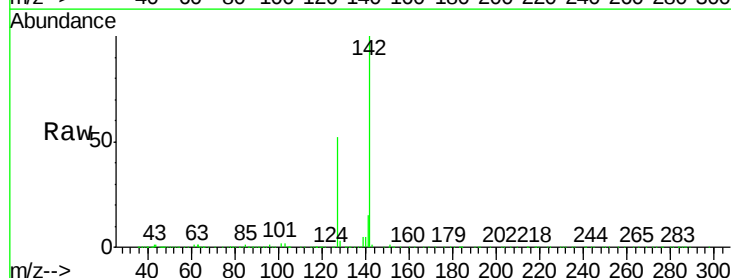
Tgt Ion:142 Resp: 755501

Ion Ratio Lower Upper

142 100

127 52.3 41.8 62.8

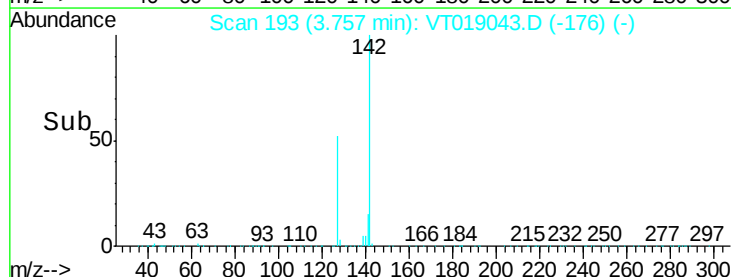
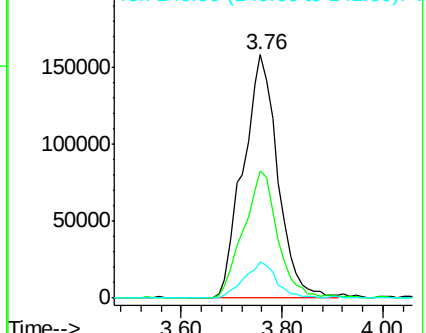
141 15.0 12.0 18.0

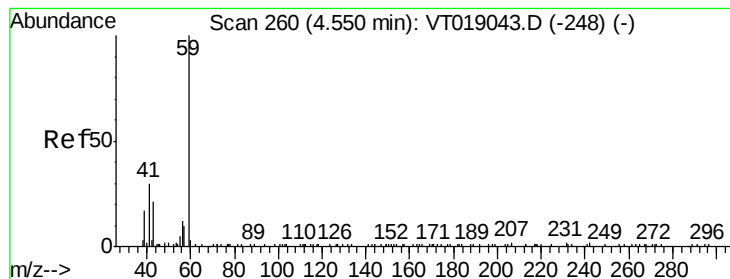


Abundance Ion 141.90 (141.60 to 142.60): V

Ion 126.90 (126.60 to 127.60): V

Ion 140.90 (140.60 to 141.60): V



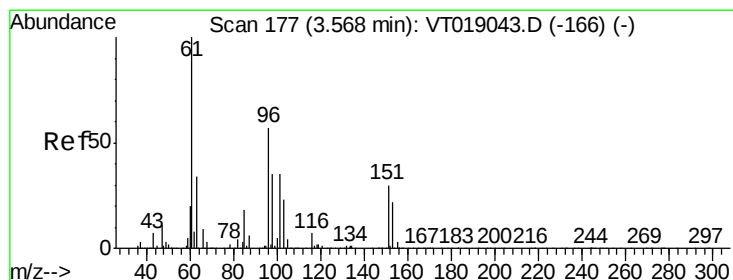
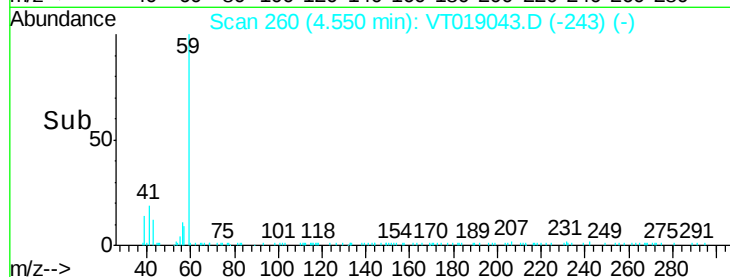
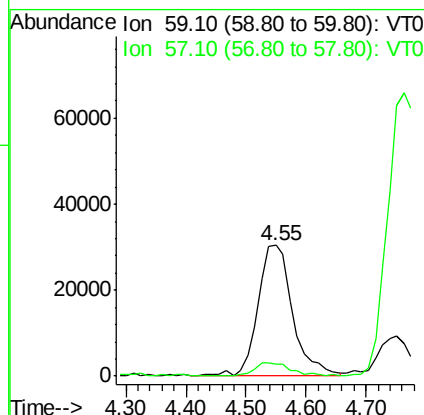
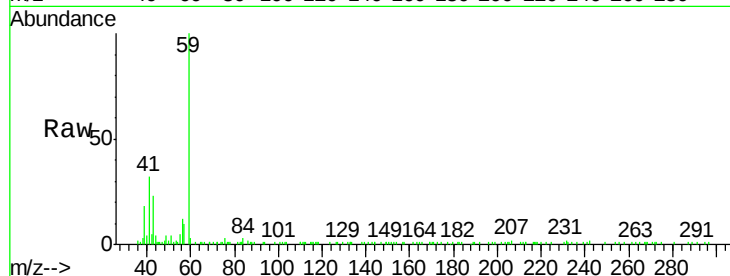


#11

Tert butyl alcohol
Concen: 243.20 ug/l
RT: 4.55 min Scan# 260
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

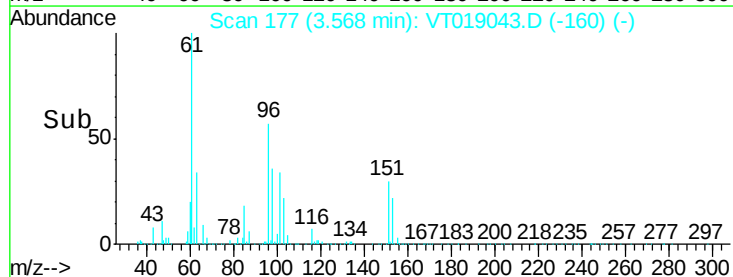
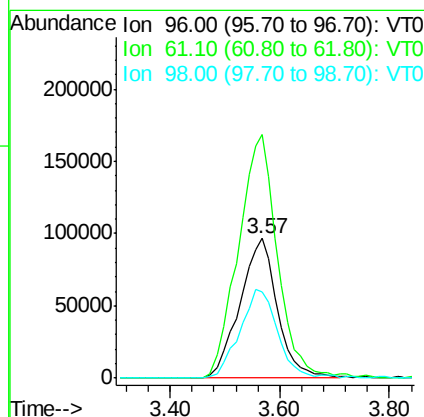
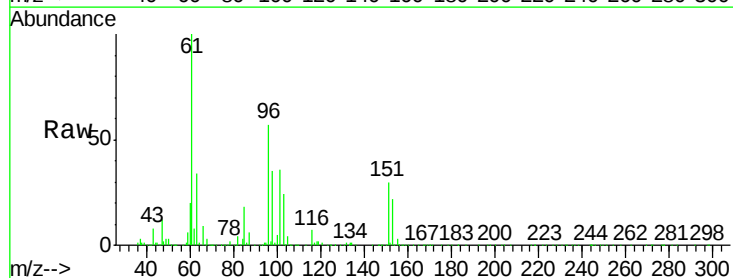
Tgt Ion: 59 Resp: 120324
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5

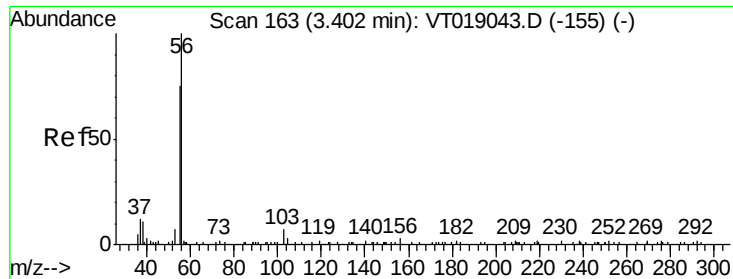


#12

1,1-Dichloroethene
Concen: 43.03 ug/l
RT: 3.57 min Scan# 177
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion: 96 Resp: 460082
Ion Ratio Lower Upper
96 100
61 174.3 139.4 209.2
98 61.8 49.4 74.2





#13

Acrolein

Concen: 83.40 ug/l

RT: 3.40 min Scan# 163

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

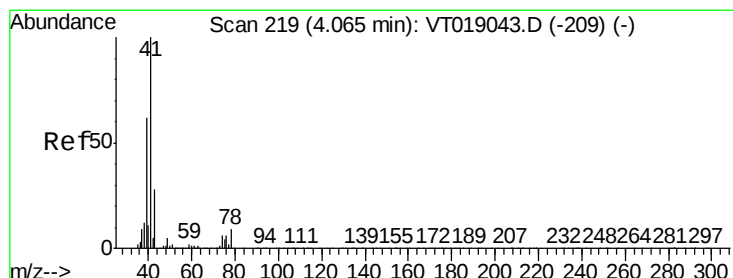
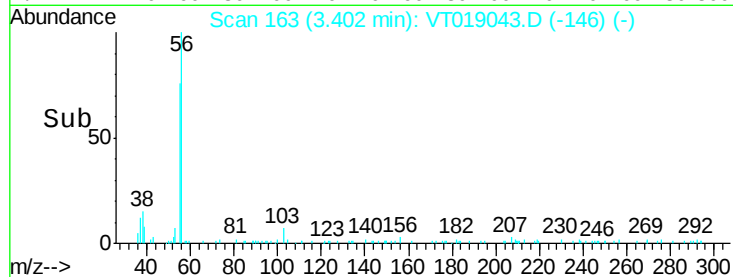
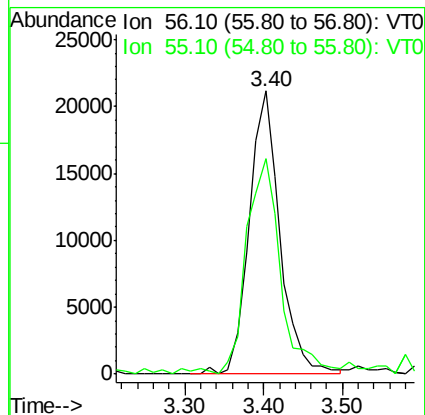
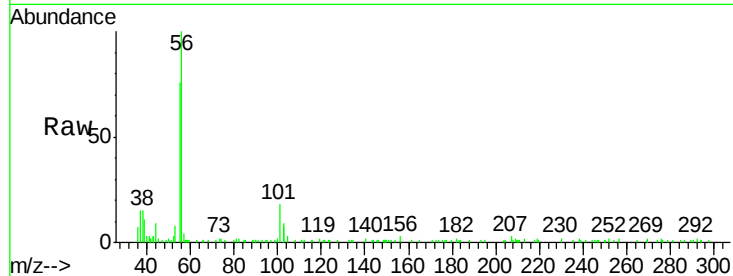
VSTDICCC050

Tgt Ion: 56 Resp: 56951

Ion Ratio Lower Upper

56 100

55 76.0 60.8 91.2



#14

Allyl chloride

Concen: 53.11 ug/l

RT: 4.06 min Scan# 219

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

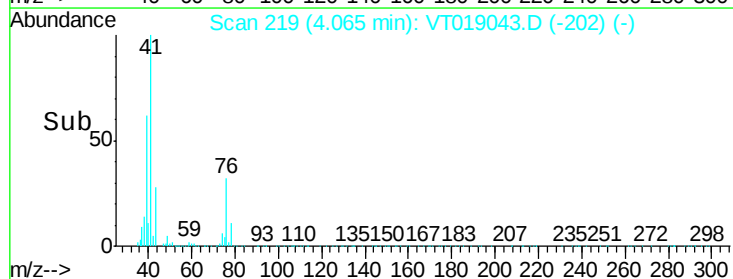
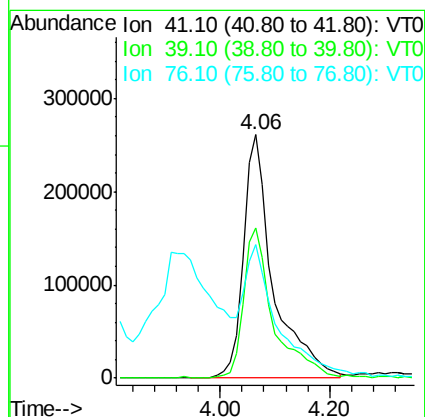
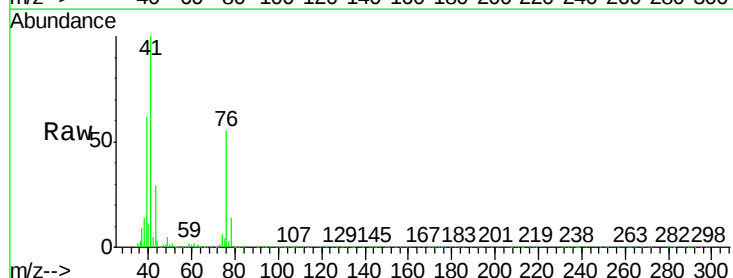
Tgt Ion: 41 Resp: 993172

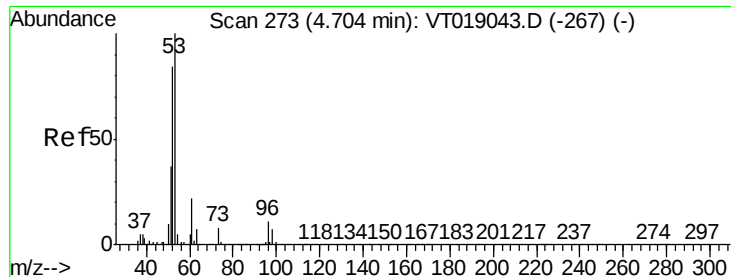
Ion Ratio Lower Upper

41 100

39 61.9 49.5 74.3

76 55.0 44.0 66.0





#15

Acrylonitrile

Concen: 232.56 ug/l

RT: 4.70 min Scan# 273

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

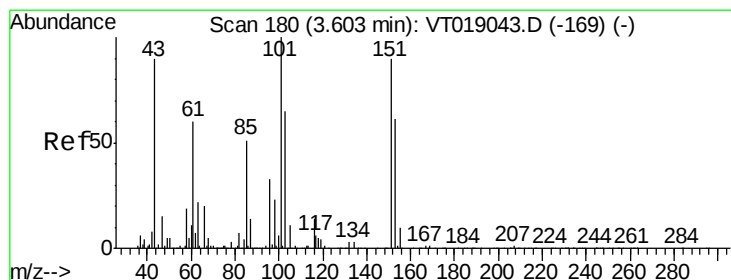
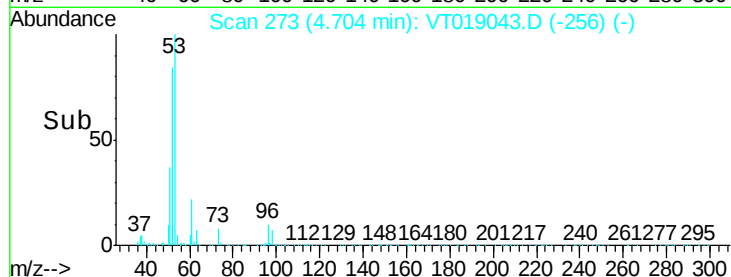
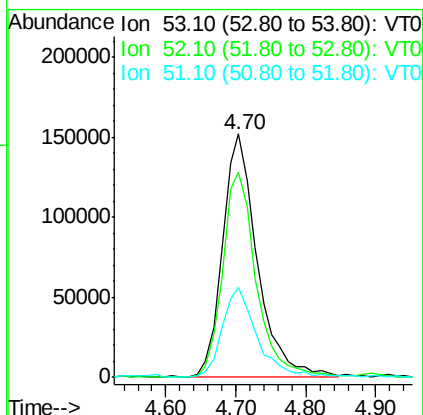
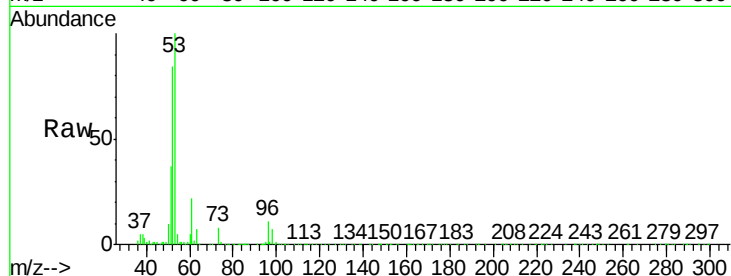
Tgt Ion: 53 Resp: 520293

Ion Ratio Lower Upper

53 100

52 84.2 67.4 101.0

51 37.0 29.6 44.4



#16

Acetone

Concen: 116.44 ug/l

RT: 3.60 min Scan# 180

Delta R.T. 0.00 min

Lab File: VT019043.D

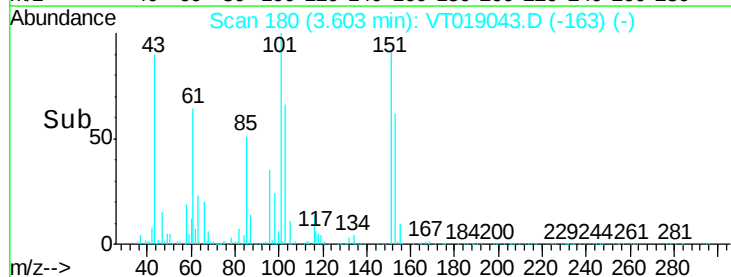
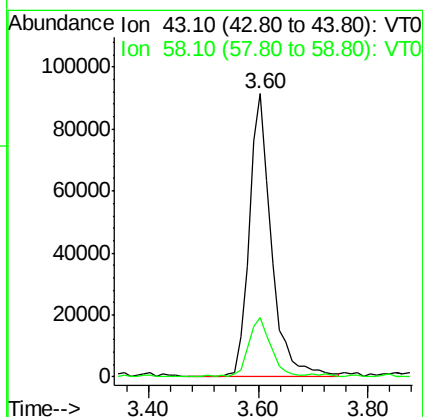
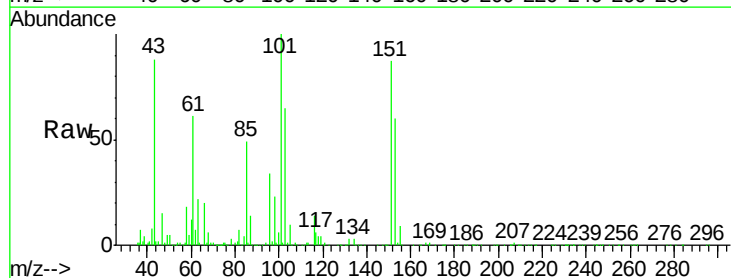
Acq: 8 May 2018 18:48

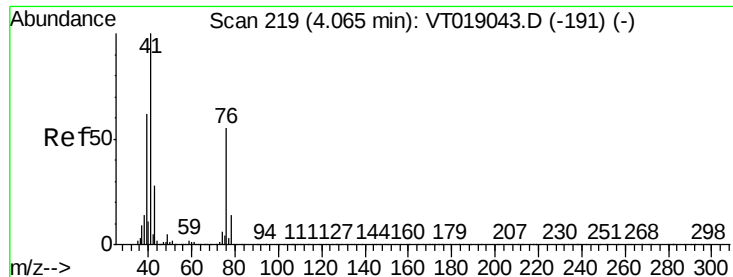
Tgt Ion: 43 Resp: 260109

Ion Ratio Lower Upper

43 100

58 20.9 16.7 25.1

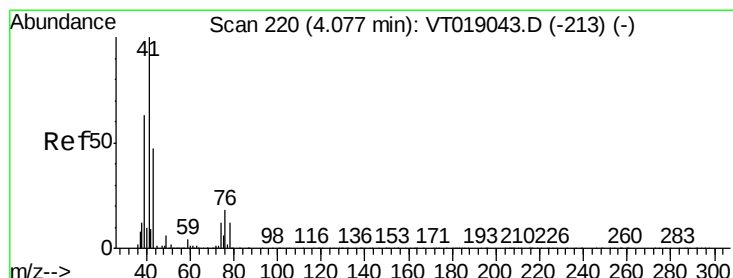
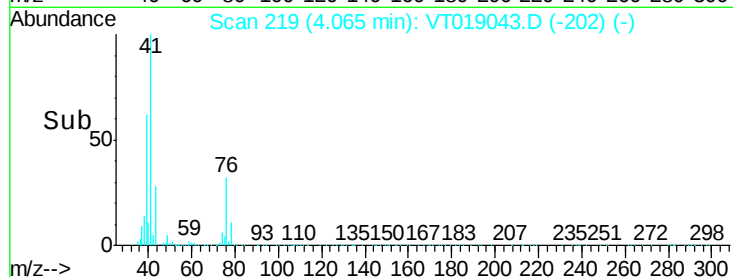
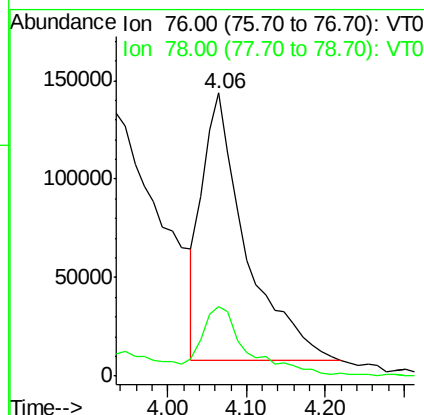
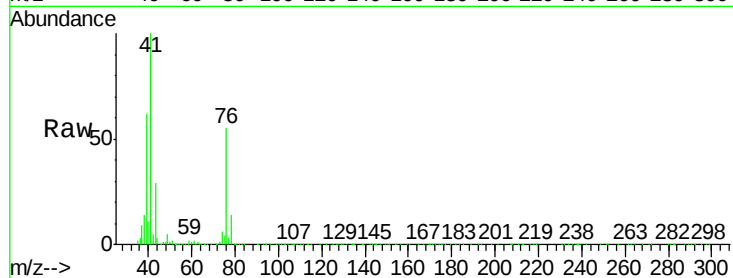




#17
Carbon Disulfide
Concen: 17.73 ug/l
RT: 4.06 min Scan# 219
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

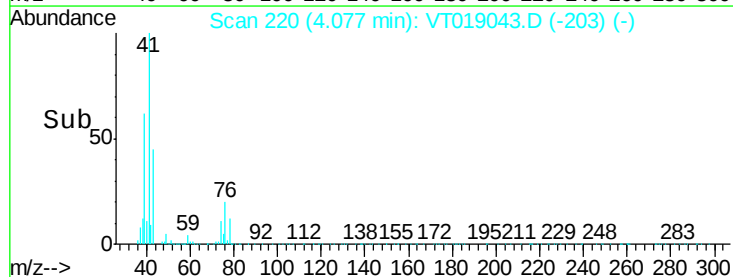
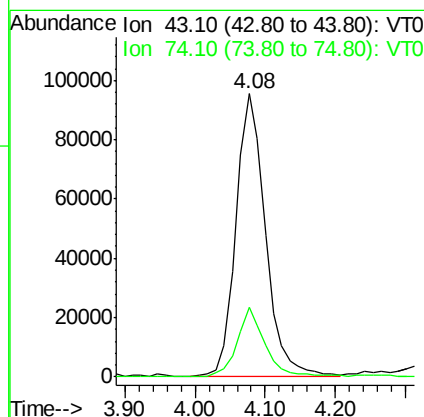
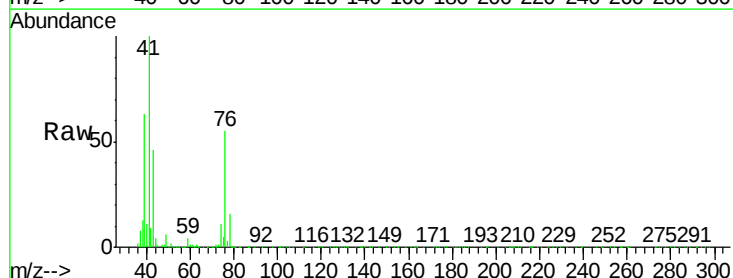
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

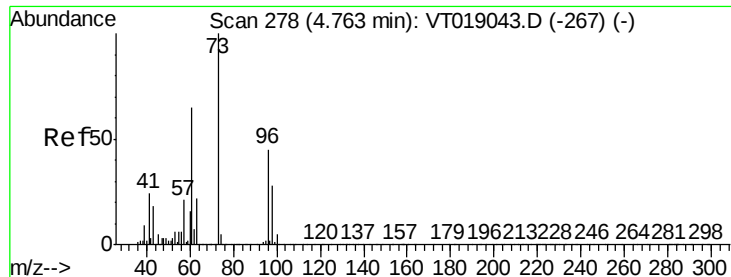
Tgt Ion: 76 Resp: 521034
Ion Ratio Lower Upper
76 100
78 24.8 19.8 29.8



#18
Methyl Acetate
Concen: 29.55 ug/l
RT: 4.08 min Scan# 220
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion: 43 Resp: 281475
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8

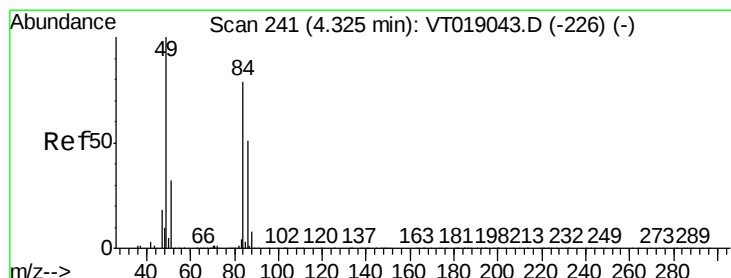
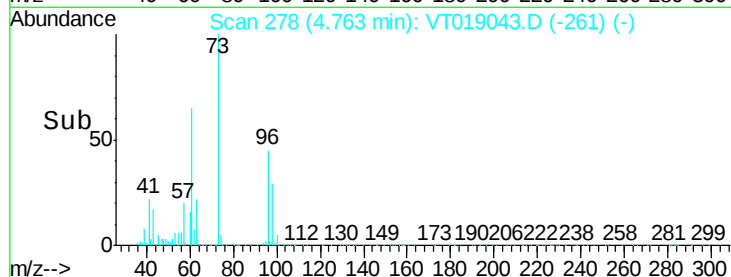
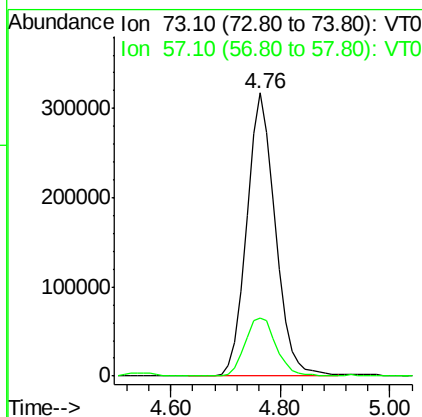
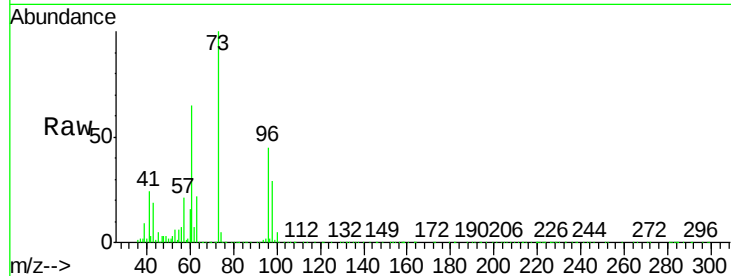




#19
Methyl tert-butyl Ether
Concen: 57.58 ug/l
RT: 4.76 min Scan# 278
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

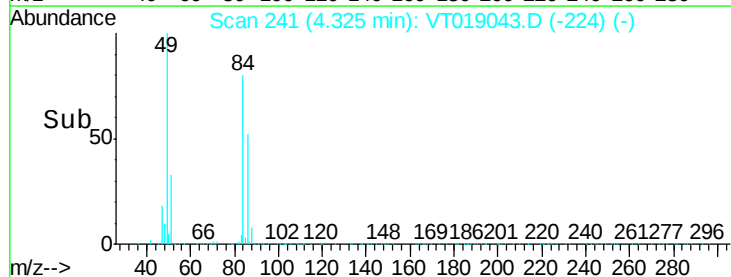
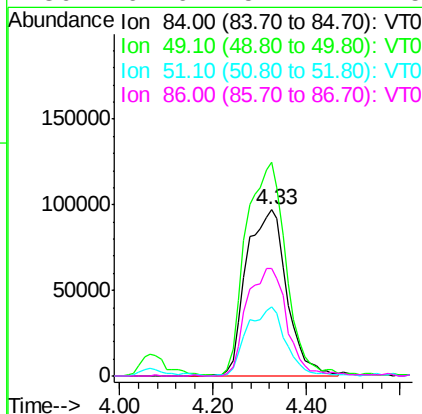
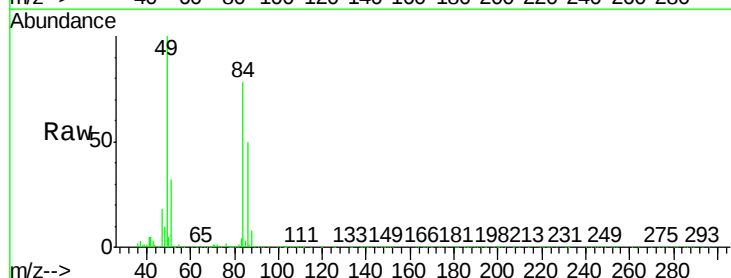
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

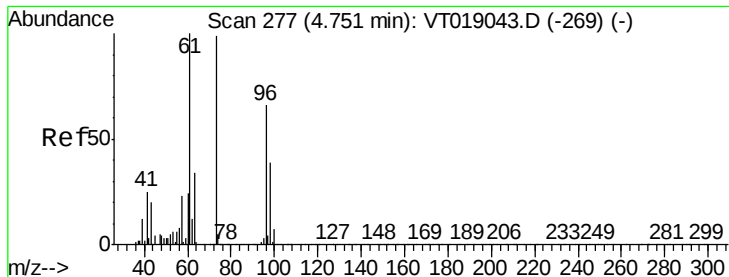
Tgt Ion: 73 Resp: 1165623
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0



#20
Methylene Chloride
Concen: 46.70 ug/l
RT: 4.33 min Scan# 241
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion: 84 Resp: 581222
Ion Ratio Lower Upper
84 100
49 128.7 103.0 154.4
51 41.6 33.3 49.9
86 64.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 59.22 ug/l

RT: 4.75 min Scan# 277

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

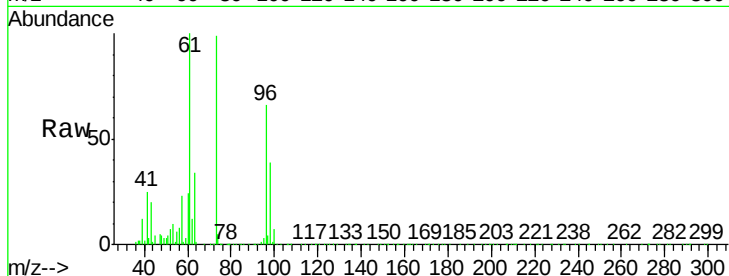
Tgt Ion: 96 Resp: 680582

Ion Ratio Lower Upper

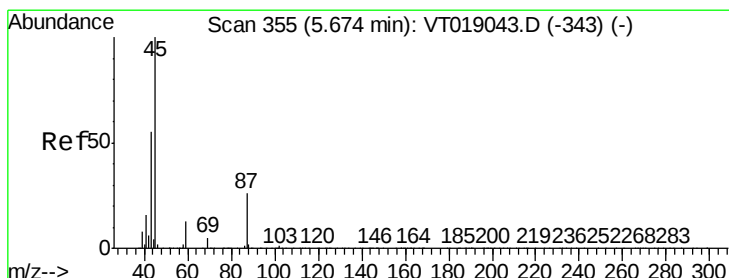
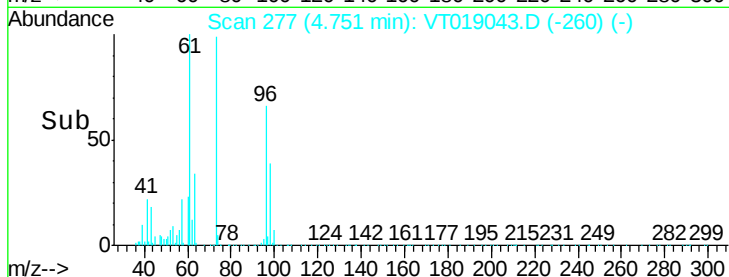
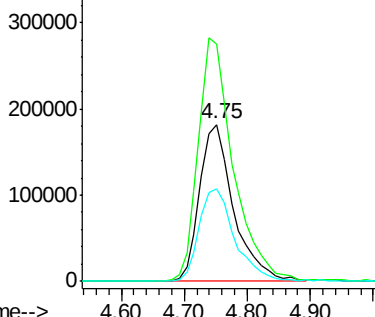
96 100

61 151.0 120.8 181.2

98 59.3 47.4 71.2



Abundance Ion 96.00 (95.70 to 96.70): VT0
Ion 61.00 (60.70 to 61.70): VT0
Ion 98.00 (97.70 to 98.70): VT0



#22

Diisopropyl ether

Concen: 57.56 ug/l

RT: 5.67 min Scan# 355

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Tgt Ion: 45 Resp: 1901297

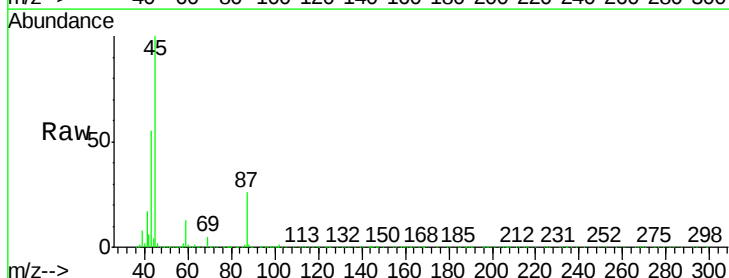
Ion Ratio Lower Upper

45 100

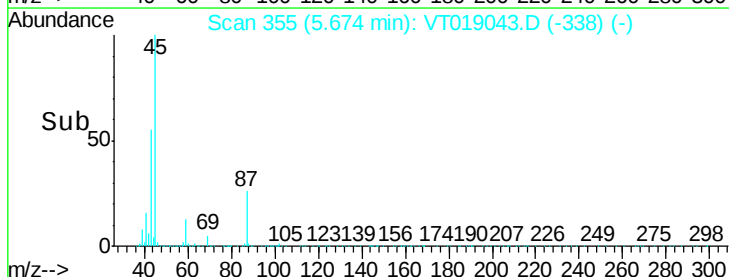
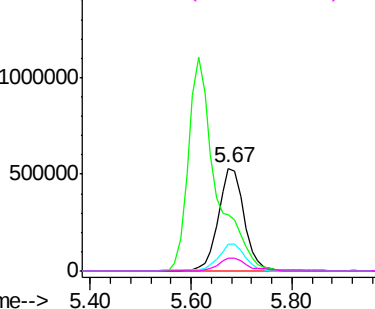
43 54.7 43.8 65.6

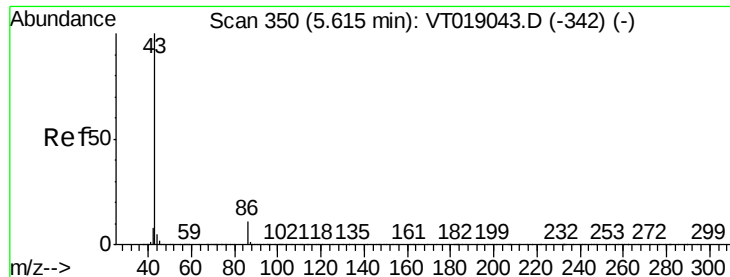
87 26.0 20.8 31.2

59 12.8 10.2 15.4



Abundance Ion 45.10 (44.80 to 45.80): VT0
Ion 43.10 (42.80 to 43.80): VT0
Ion 87.10 (86.80 to 87.80): VT0
Ion 59.10 (58.80 to 59.80): VT0





#23

Vinyl Acetate

Concen: 342.92 ug/l

RT: 5.61 min Scan# 350

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

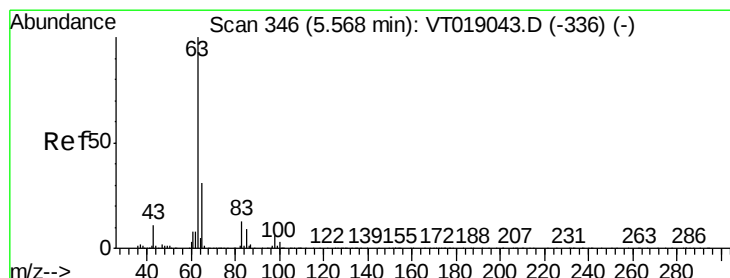
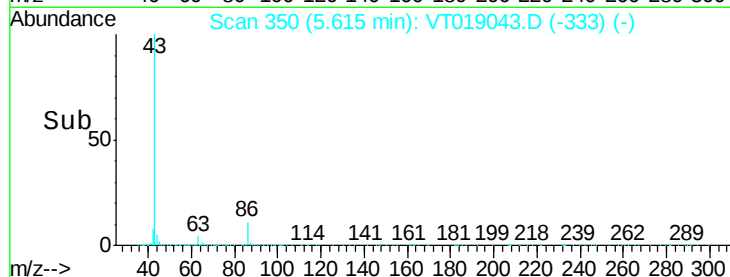
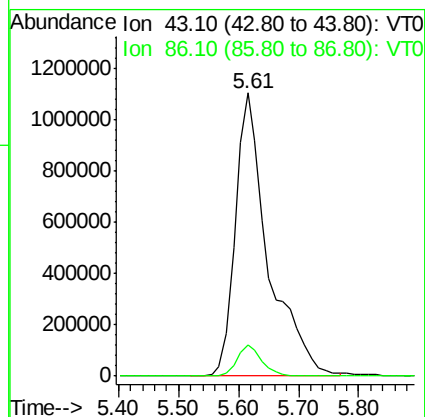
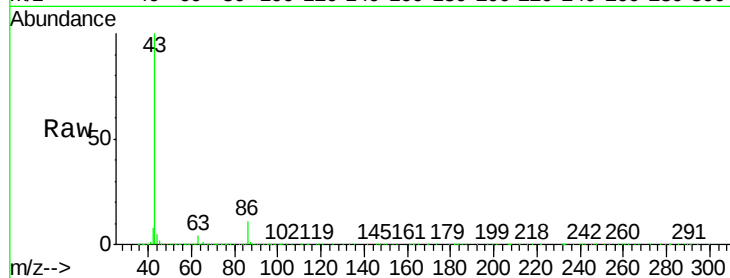
VSTDICCC050

Tgt Ion: 43 Resp: 4209229

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 64.85 ug/l

RT: 5.57 min Scan# 346

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

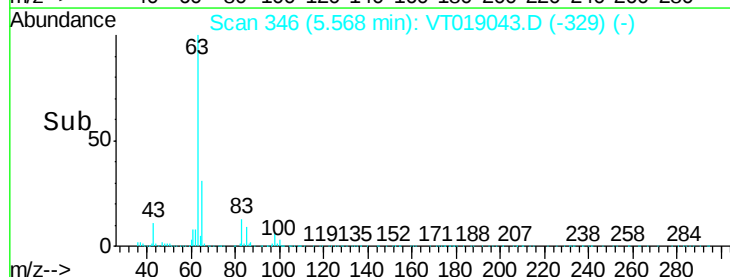
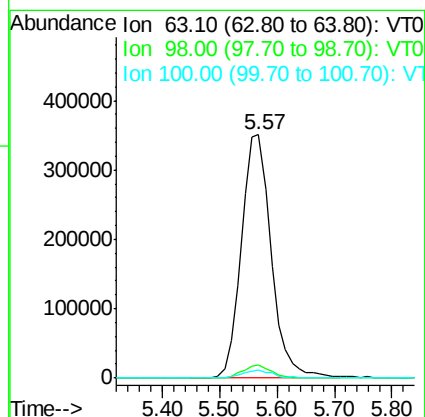
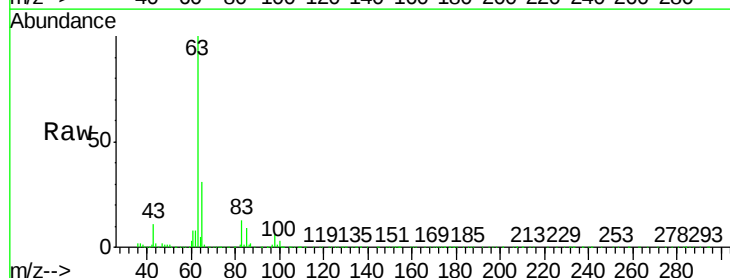
Tgt Ion: 63 Resp: 1266800

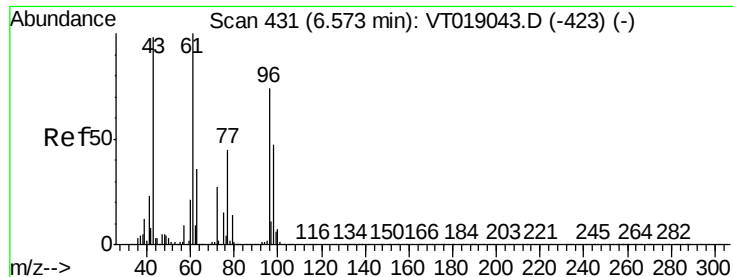
Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.4

100 3.4 1.7 5.1

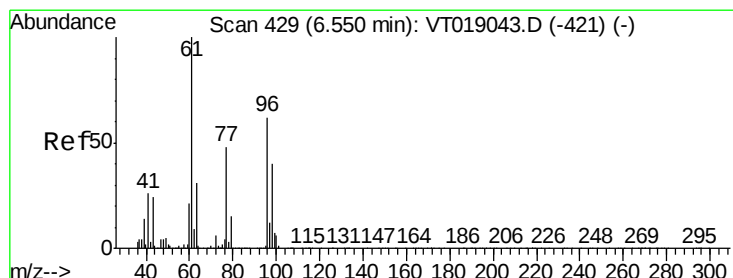
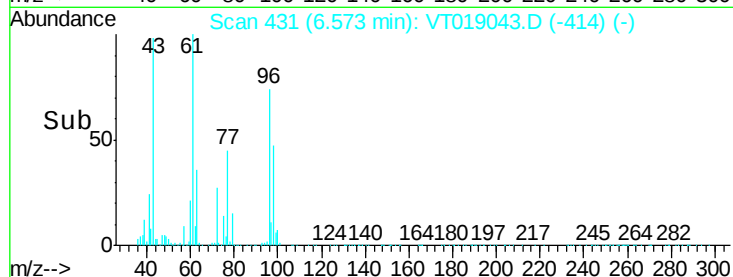
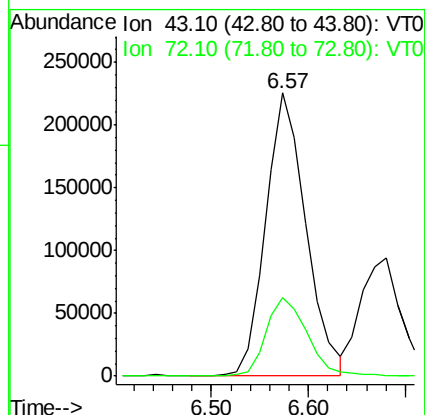
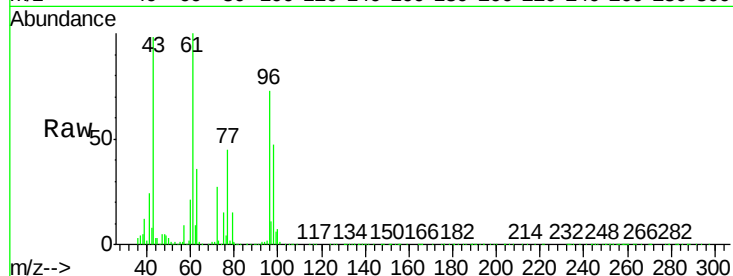




#25
2-Butanone
Concen: 210.99 ug/l
RT: 6.57 min Scan# 431
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

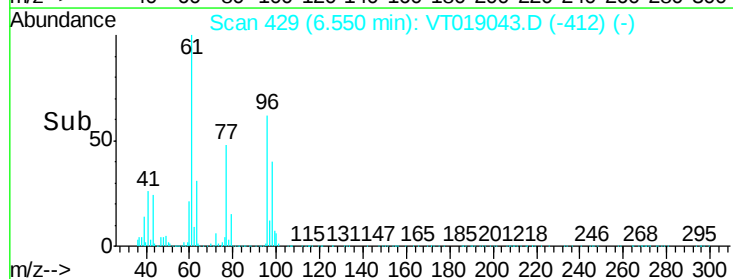
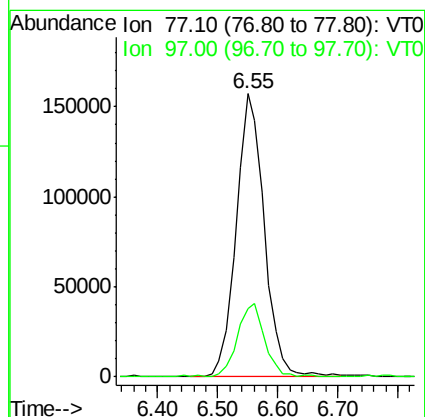
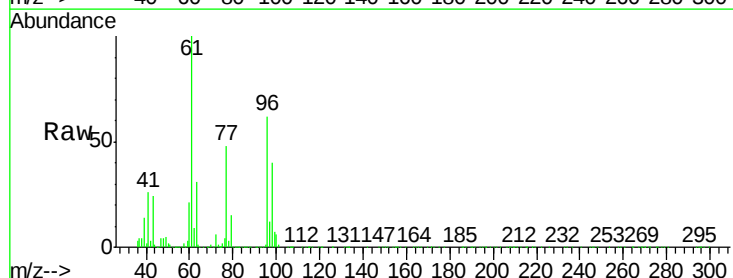
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

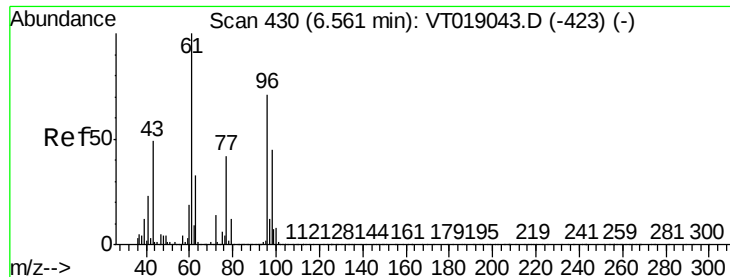
Tgt Ion: 43 Resp: 643486
Ion Ratio Lower Upper
43 100
72 27.6 22.1 33.1



#26
2,2-Dichloropropane
Concen: 55.84 ug/l
RT: 6.55 min Scan# 429
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion: 77 Resp: 513427
Ion Ratio Lower Upper
77 100
97 24.3 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 59.54 ug/l

RT: 6.56 min Scan# 430

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

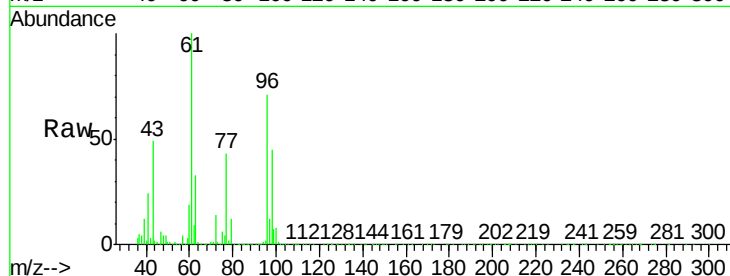
Tgt Ion: 96 Resp: 668168

Ion Ratio Lower Upper

96 100

61 141.0 0.0 282.0

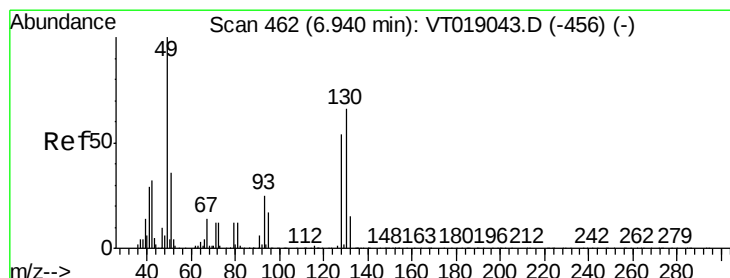
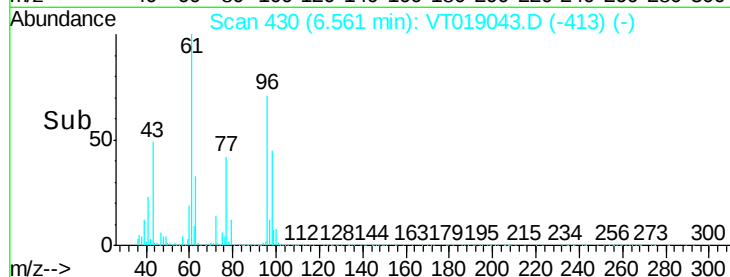
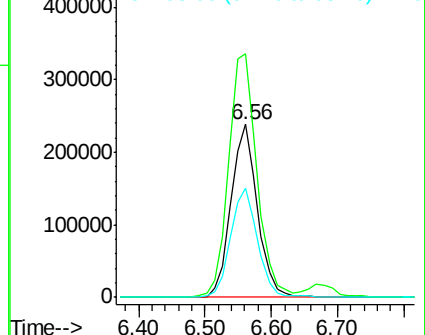
98 62.9 0.0 125.8



Abundance Ion 96.00 (95.70 to 96.70): VT0

Ion 61.10 (60.80 to 61.80): VT0

Ion 98.00 (97.70 to 98.70): VT0



#28

Bromochloromethane

Concen: 54.14 ug/l

RT: 6.94 min Scan# 462

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

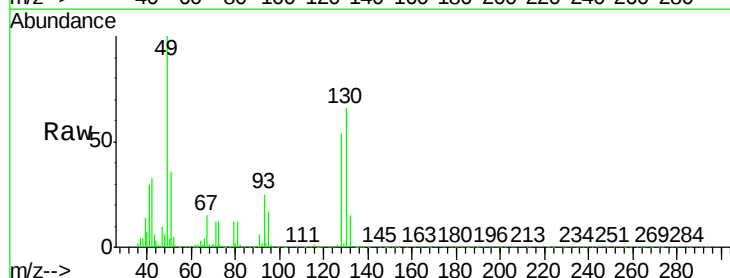
Tgt Ion: 49 Resp: 432337

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

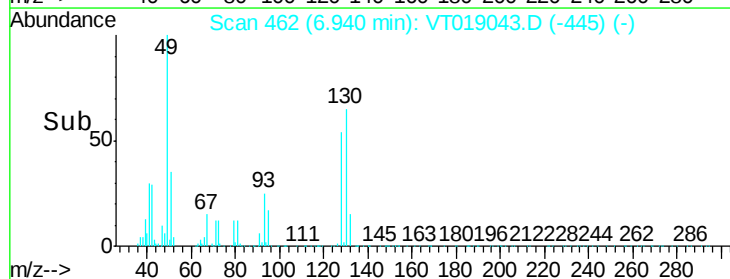
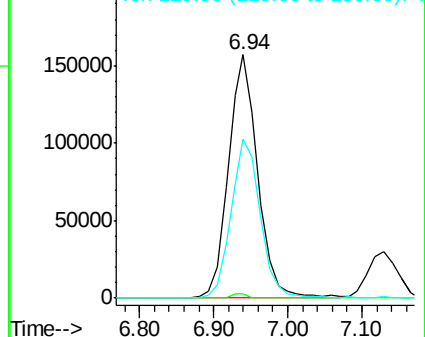
130 65.5 52.4 78.6

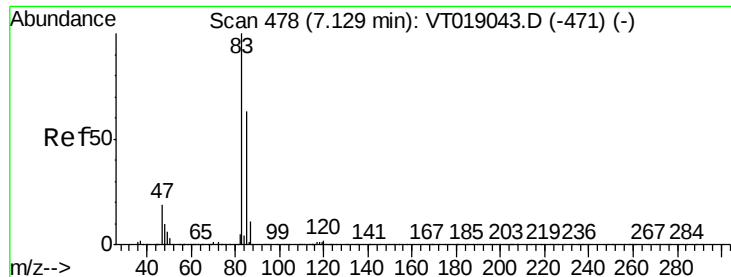


Abundance Ion 49.10 (48.80 to 49.80): VT0

Ion 129.00 (128.70 to 129.70): V

Ion 129.90 (129.60 to 130.60): V





#29

Chloroform

Concen: 67.91 ug/l

RT: 7.13 min Scan# 478

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

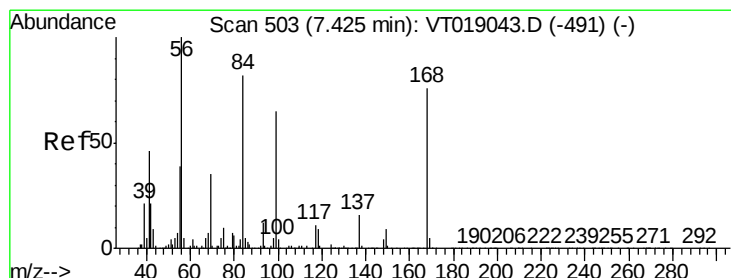
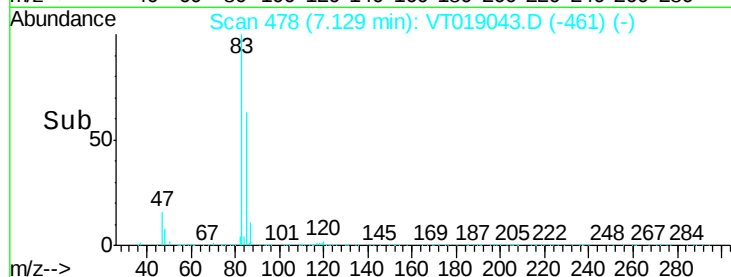
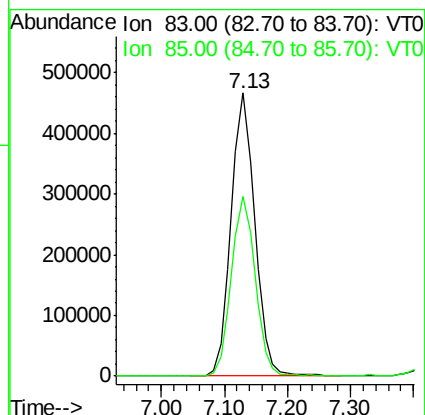
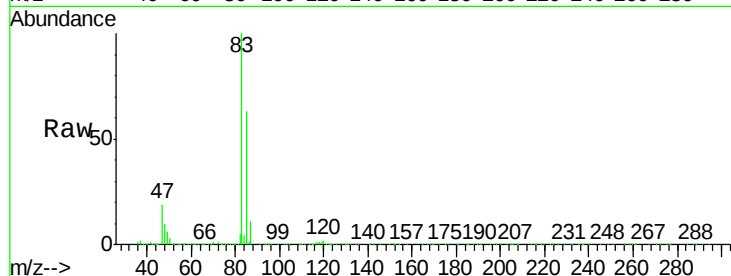
VSTDICCC050

Tgt Ion: 83 Resp: 1214769

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0



#30

Cyclohexane

Concen: 62.33 ug/l

RT: 7.43 min Scan# 503

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

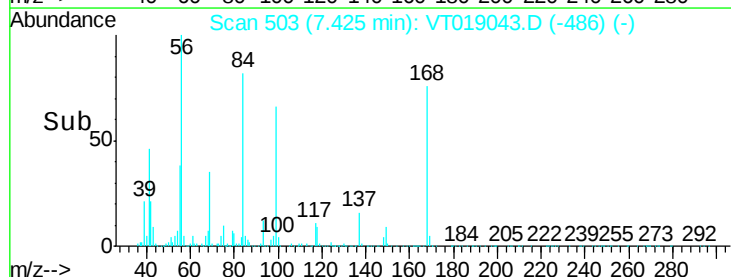
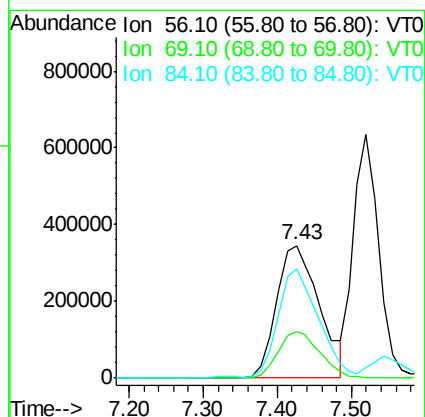
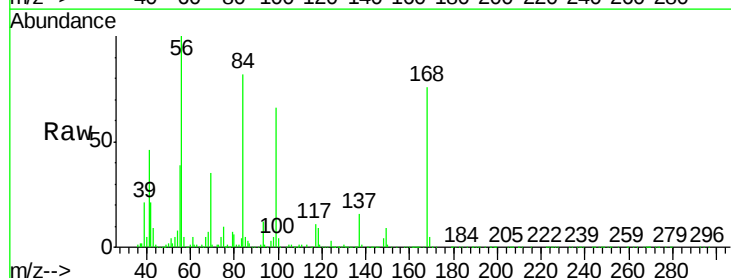
Tgt Ion: 56 Resp: 1385813

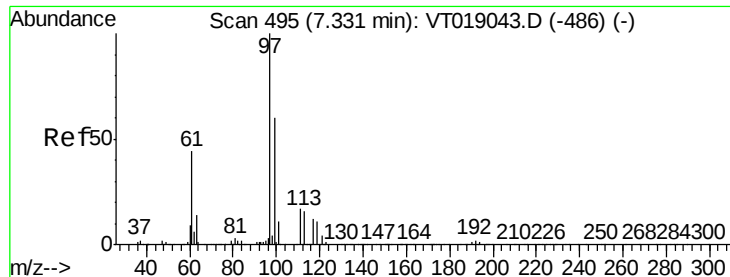
Ion Ratio Lower Upper

56 100

69 35.2 28.2 42.2

84 82.0 65.6 98.4





#31

1,1,1-Trichloroethane

Concen: 70.11 ug/l

RT: 7.33 min Scan# 495

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

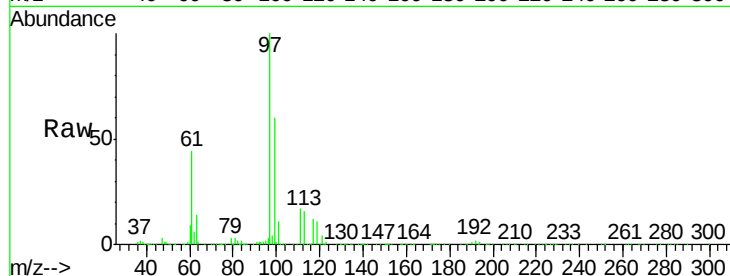
Tgt Ion: 97 Resp: 959886

Ion Ratio Lower Upper

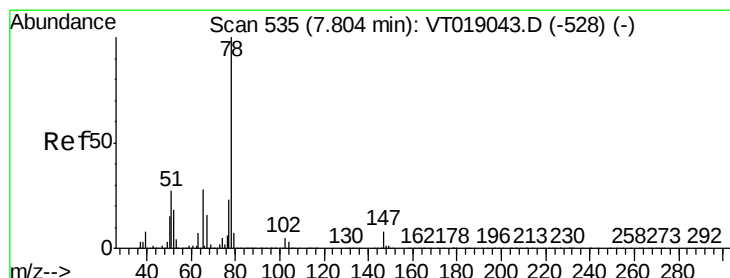
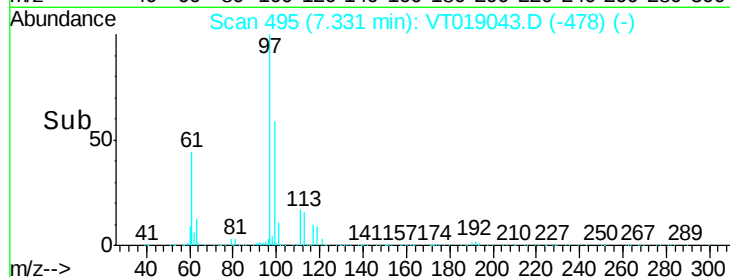
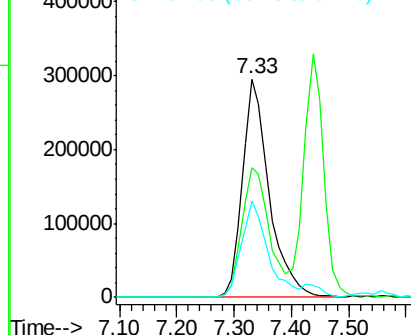
97 100

99 59.5 47.6 71.4

61 44.1 35.3 52.9



Abundance Ion 97.00 (96.70 to 97.70): VT0
Ion 99.00 (98.70 to 99.70): VT0
Ion 61.00 (60.70 to 61.70): VT0



#32

1,2-Dichloroethane-d4

Concen: 56.59 ug/l

RT: 7.80 min Scan# 535

Delta R.T. 0.00 min

Lab File: VT019043.D

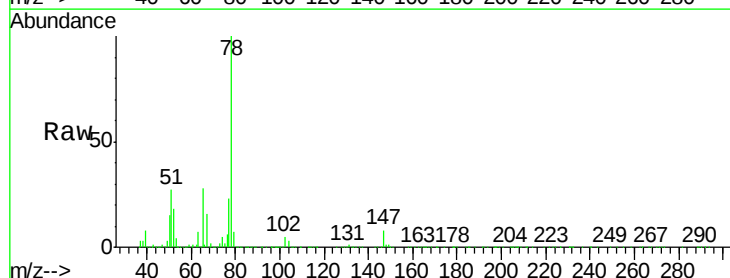
Acq: 8 May 2018 18:48

Tgt Ion: 65 Resp: 523521

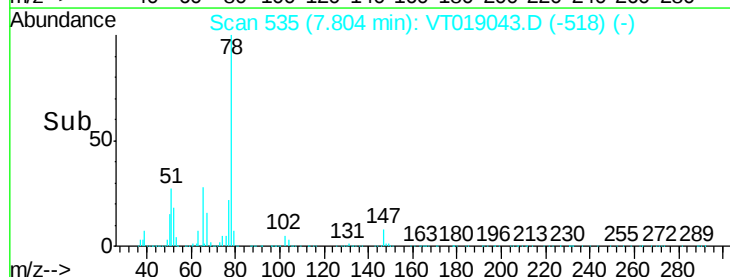
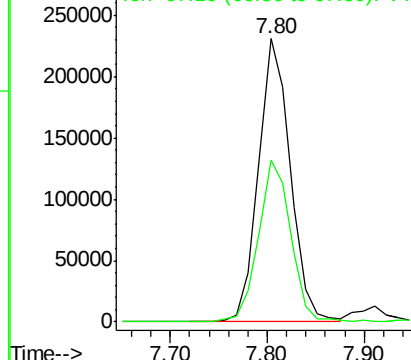
Ion Ratio Lower Upper

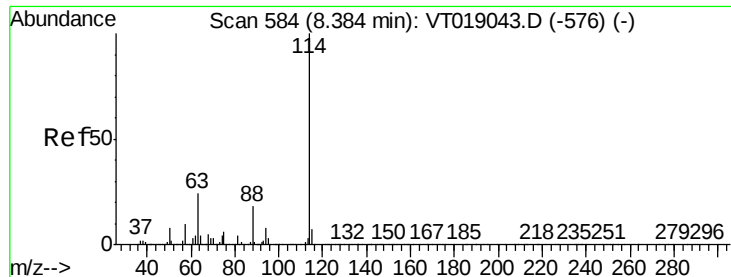
65 100

67 57.1 0.0 114.2



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

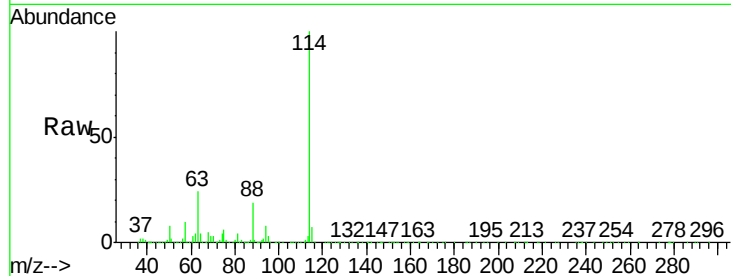




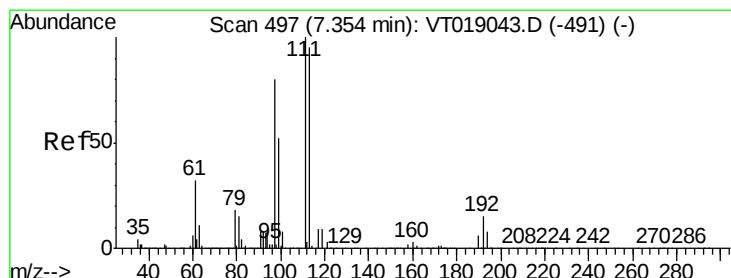
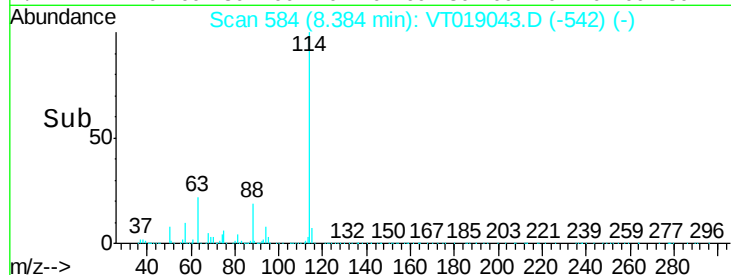
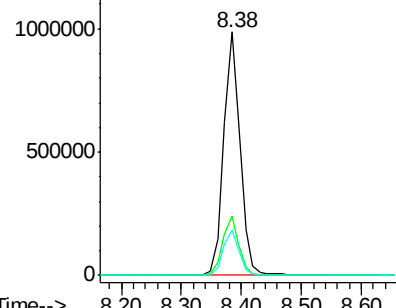
#33
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.38 min Scan# 584
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion:114 Resp: 1892438
Ion Ratio Lower Upper
114 100
63 24.4 0.0 48.8
88 18.5 0.0 37.0

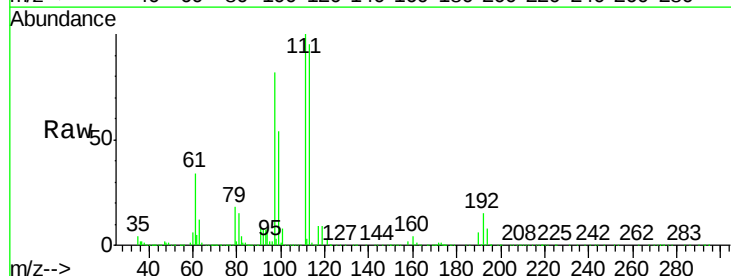


Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VT0
Ion 88.10 (87.80 to 88.80): VT0

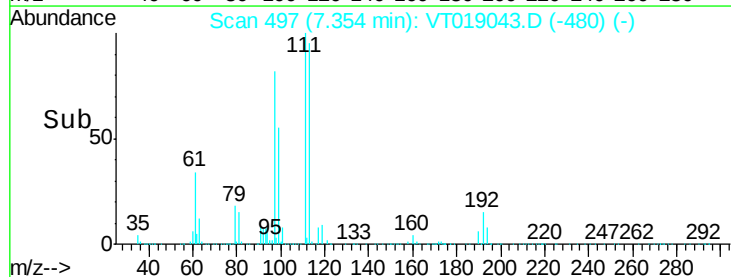
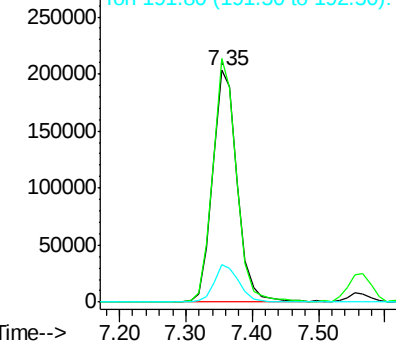


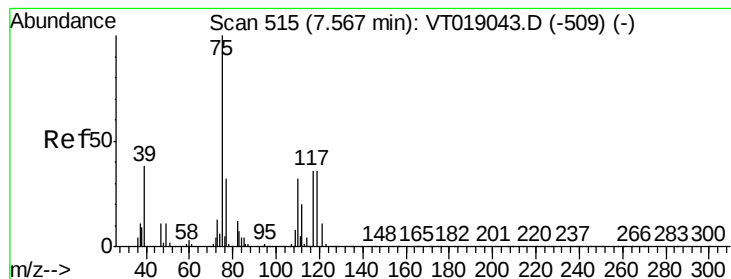
#34
Dibromofluoromethane
Concen: 51.88 ug/l
RT: 7.35 min Scan# 497
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion:113 Resp: 531725
Ion Ratio Lower Upper
113 100
111 105.0 84.0 126.0
192 16.1 12.9 19.3



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





#35

1,1-Dichloropropene

Concen: 59.22 ug/l

RT: 7.57 min Scan# 515

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

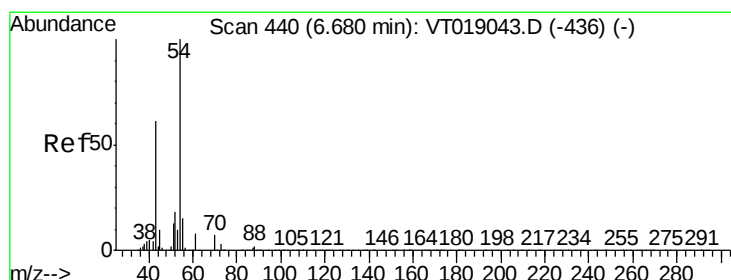
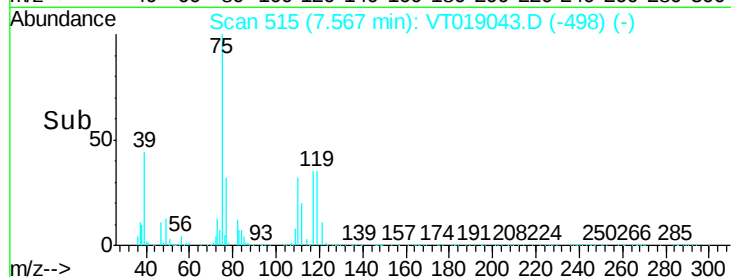
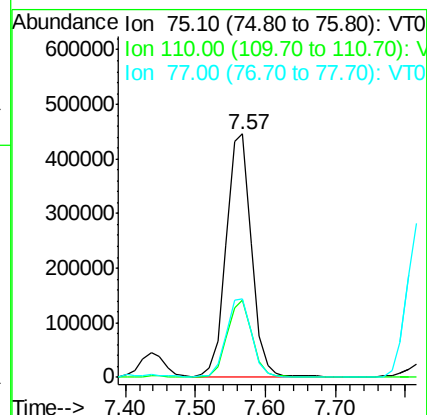
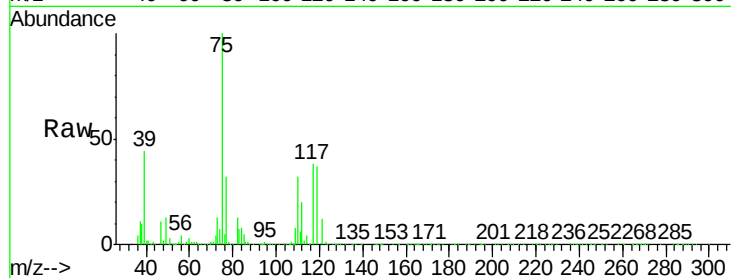
Tgt Ion: 75 Resp: 1107148

Ion Ratio Lower Upper

75 100

110 31.7 15.9 47.6

77 32.4 25.9 38.9



#36

Ethyl Acetate

Concen: 39.07 ug/l

RT: 6.68 min Scan# 440

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

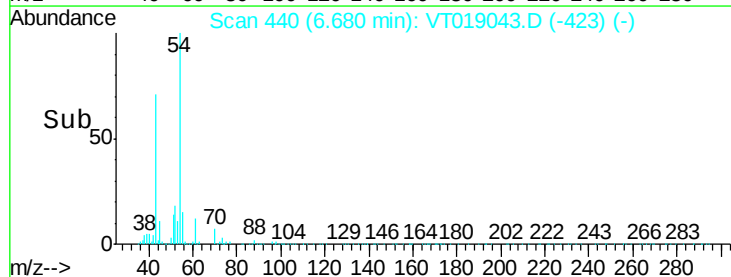
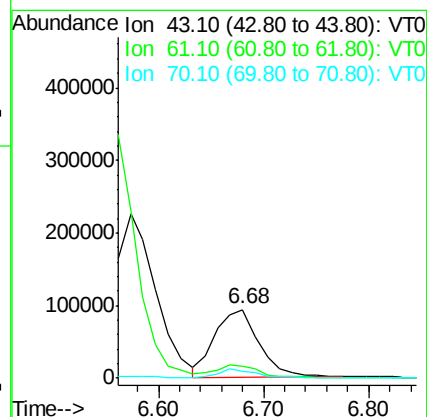
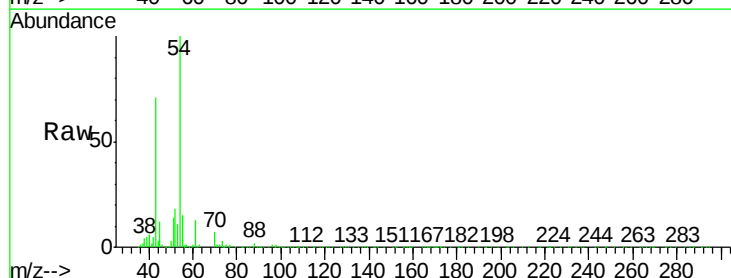
Tgt Ion: 43 Resp: 270011

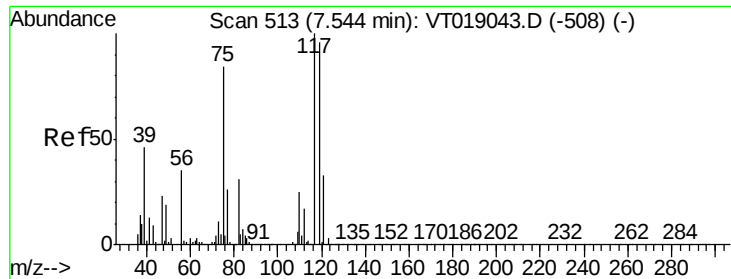
Ion Ratio Lower Upper

43 100

61 17.7 14.2 21.2

70 10.5 8.4 12.6





#37

Carbon Tetrachloride

Concen: 57.46 ug/l

RT: 7.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

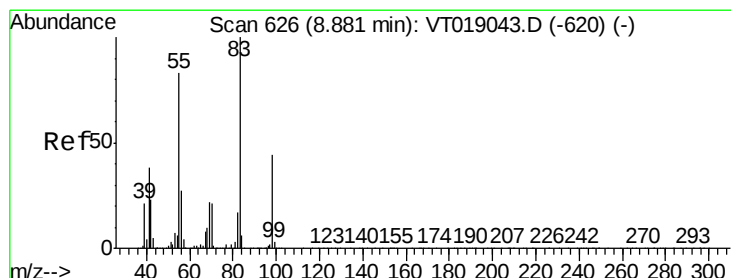
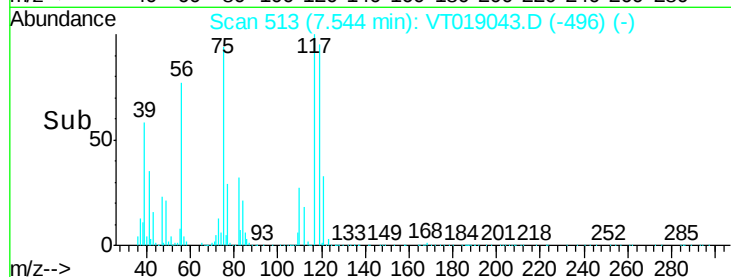
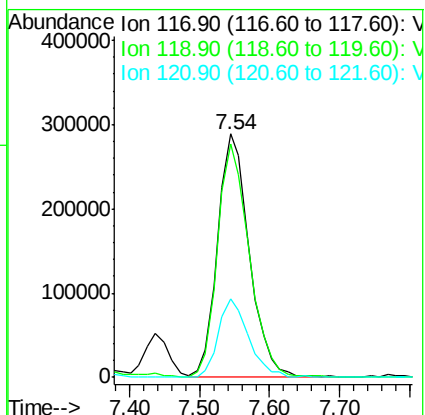
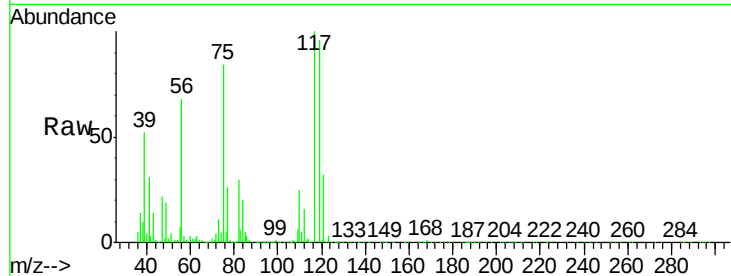
Tgt Ion:117 Resp: 898891

Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7

121 32.5 26.0 39.0



#38

Methylcyclohexane

Concen: 56.23 ug/l

RT: 8.88 min Scan# 626

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

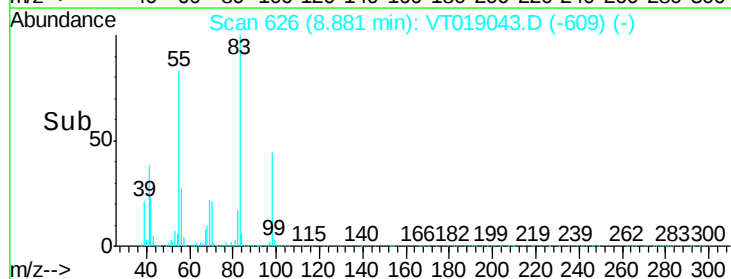
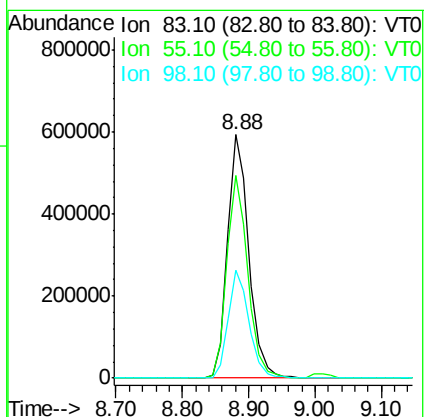
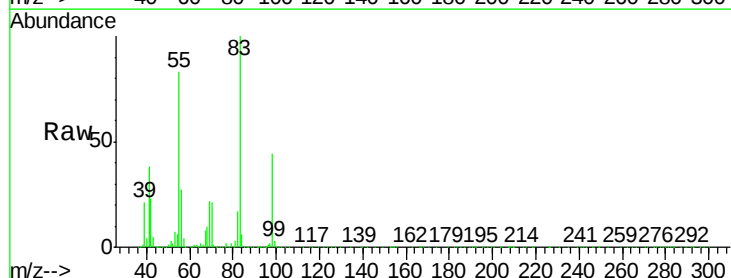
Tgt Ion: 83 Resp: 1343304

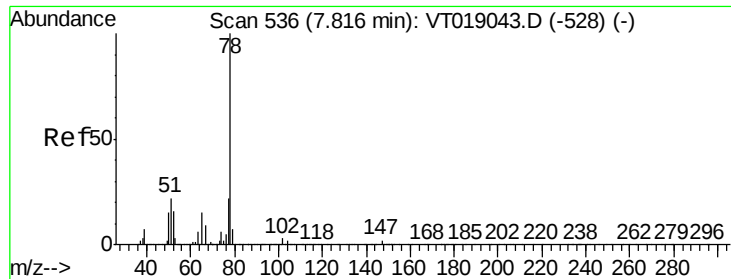
Ion Ratio Lower Upper

83 100

55 83.4 66.7 100.1

98 44.4 35.5 53.3





#39

Benzene

Concen: 55.76 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

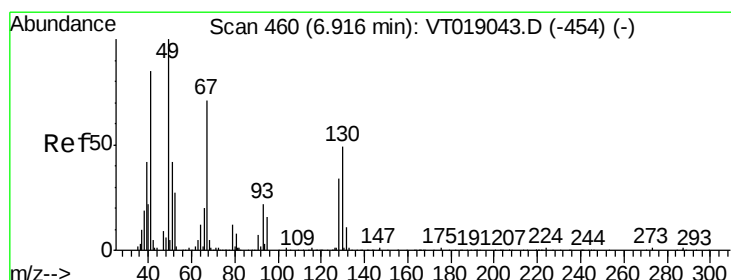
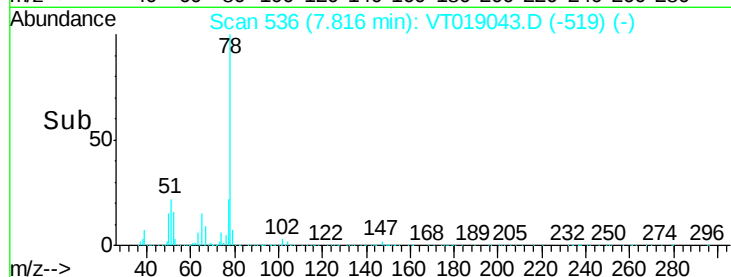
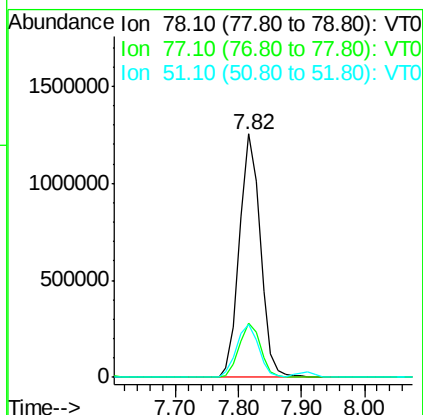
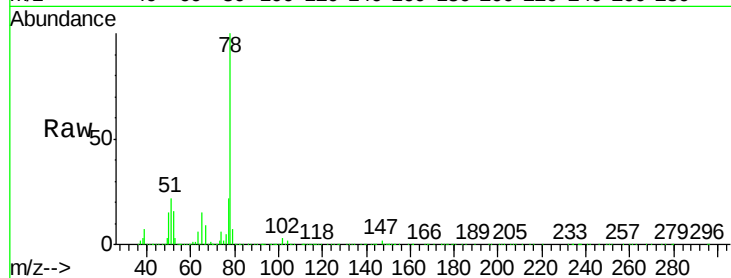
Tgt Ion: 78 Resp: 2881409

Ion Ratio Lower Upper

78 100

77 22.5 18.0 27.0

51 21.6 17.3 25.9



#40

Methacrylonitrile

Concen: 94.08 ug/l

RT: 6.96 min Scan# 464

Delta R.T. 0.05 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Tgt Ion: 41 Resp: 383773

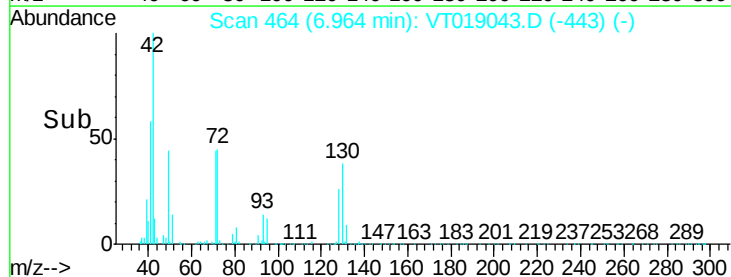
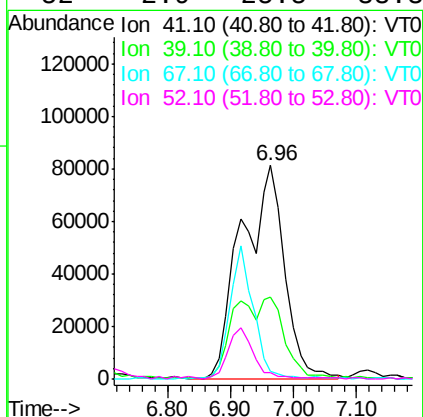
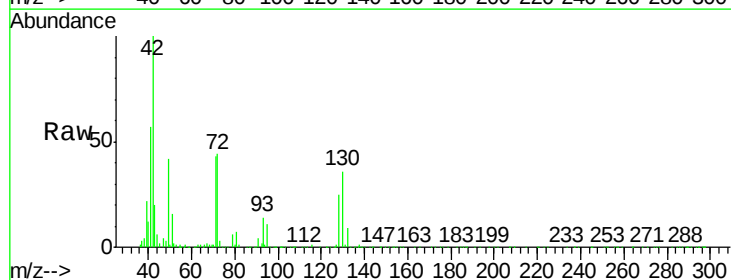
Ion Ratio Lower Upper

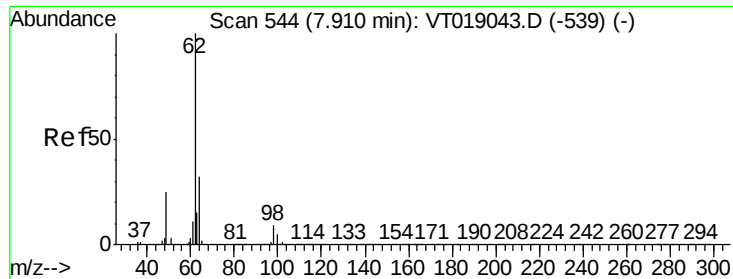
41 100

39 38.4 39.4 59.0#

67 3.8 66.8 100.2#

52 2.9 25.5 38.3#

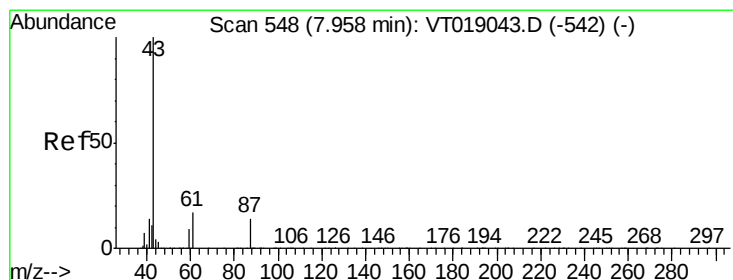
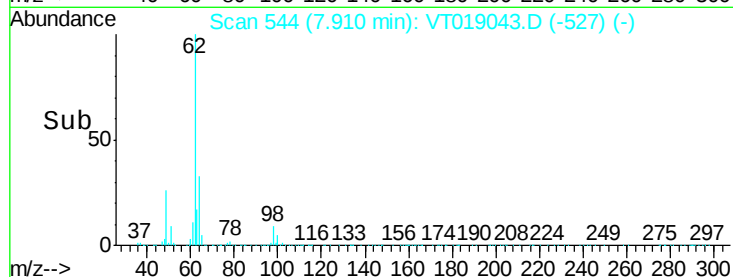
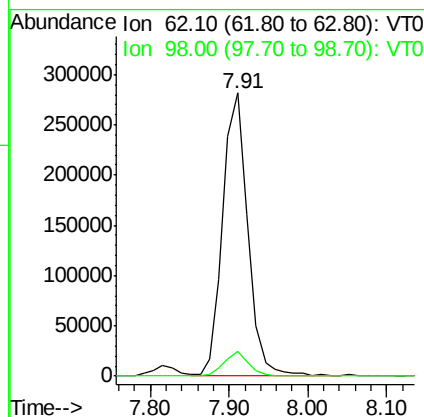
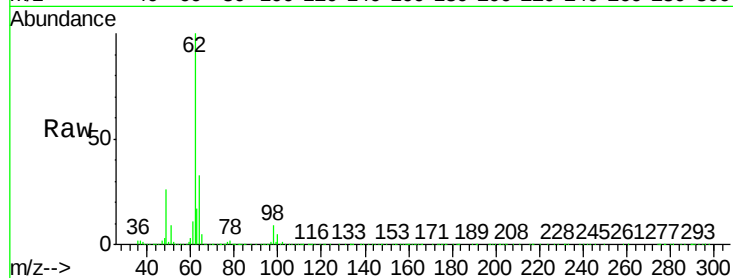




#41
 1,2-Dichloroethane
 Concen: 50.27 ug/l
 RT: 7.91 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

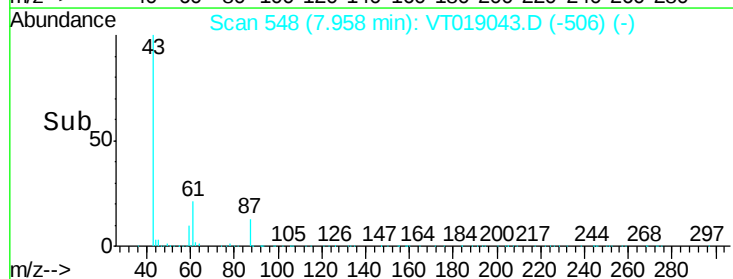
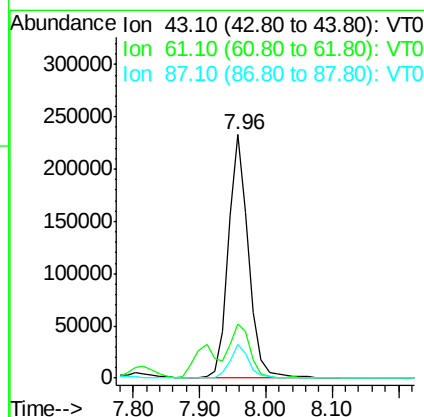
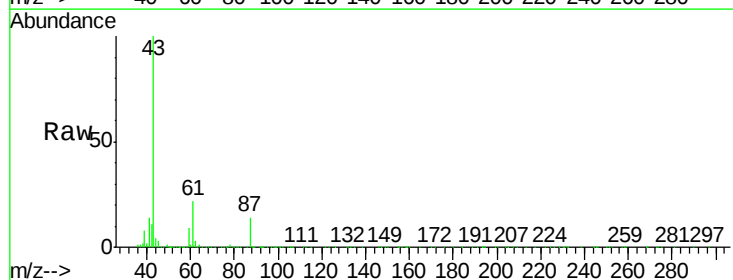
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

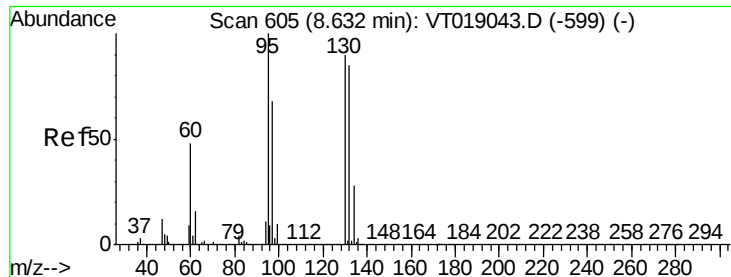
Tgt Ion: 62 Resp: 625035
 Ion Ratio Lower Upper
 62 100
 98 8.7 0.0 17.4



#42
 Isopropyl Acetate
 Concen: 43.48 ug/l
 RT: 7.96 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

Tgt Ion: 43 Resp: 492768
 Ion Ratio Lower Upper
 43 100
 61 22.4 17.9 26.9
 87 13.8 11.0 16.6





#43

Trichloroethene

Concen: 50.25 ug/l

RT: 8.63 min Scan# 605

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

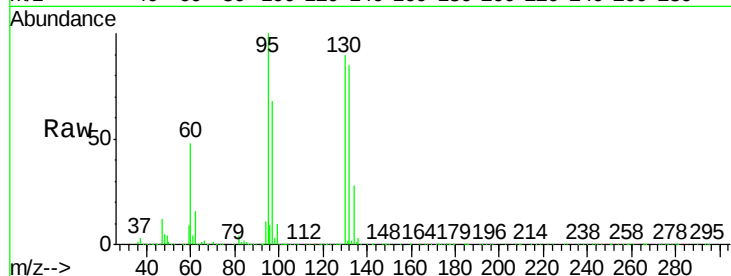
VSTDICCC050

Tgt Ion:130 Resp: 658450

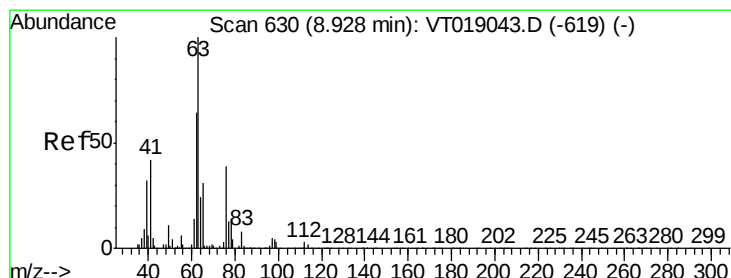
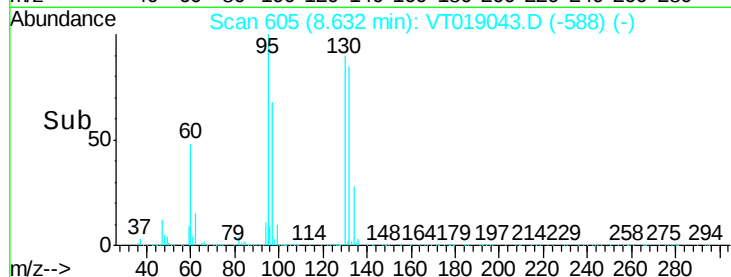
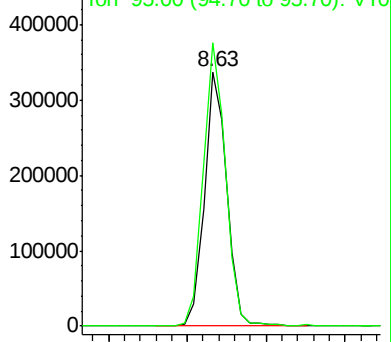
Ion Ratio Lower Upper

130 100

95 111.3 0.0 222.6



Abundance Ion 129.90 (129.60 to 130.60): VT0



#44

1,2-Dichloropropane

Concen: 56.26 ug/l

RT: 8.93 min Scan# 630

Delta R.T. 0.00 min

Lab File: VT019043.D

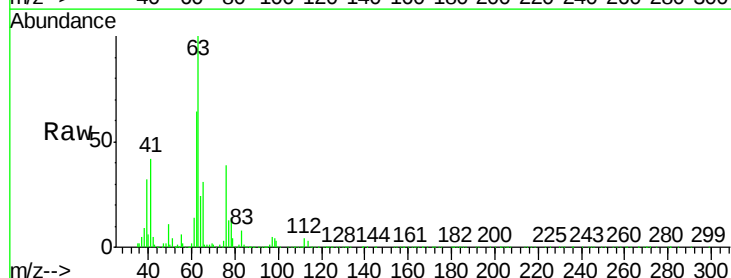
Acq: 8 May 2018 18:48

Tgt Ion: 63 Resp: 673605

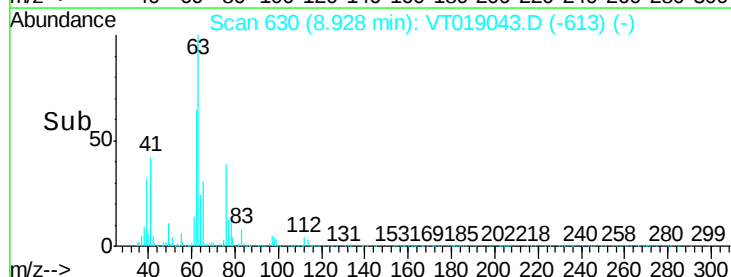
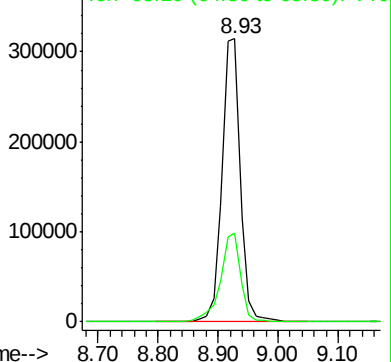
Ion Ratio Lower Upper

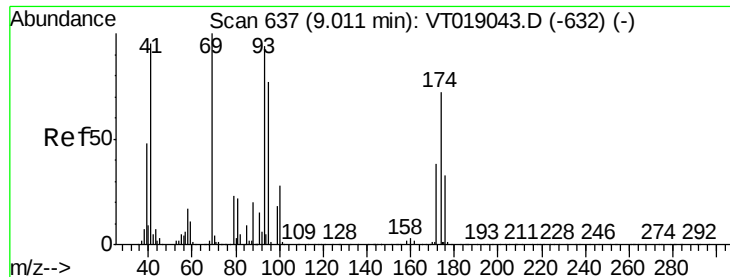
63 100

65 31.2 25.0 37.4



Abundance Ion 63.10 (62.80 to 63.80): VT0





#45

Dibromomethane

Concen: 49.92 ug/l

RT: 9.01 min Scan# 637

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

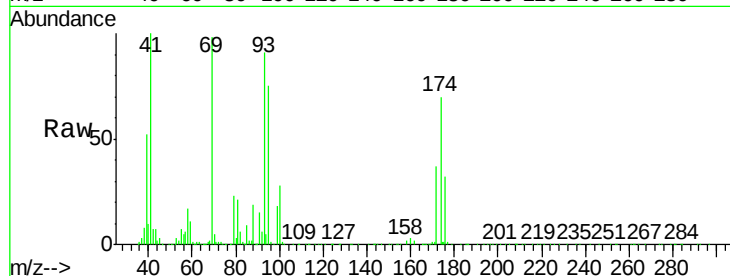
Tgt Ion: 93 Resp: 262354

Ion Ratio Lower Upper

93 100

95 81.9 65.5 98.3

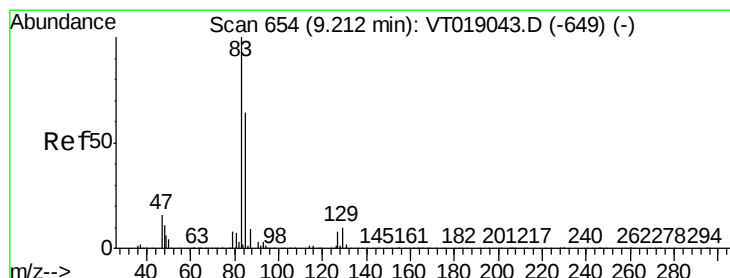
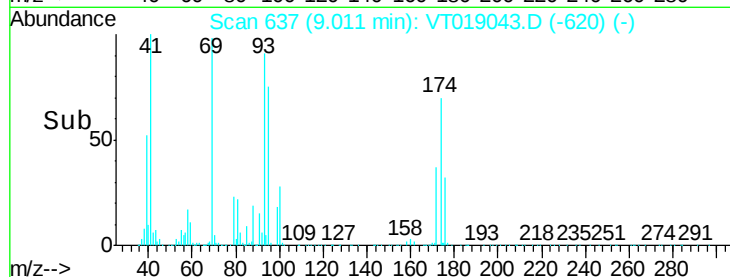
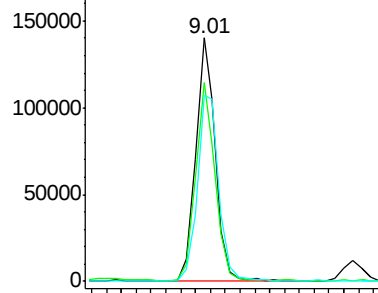
174 76.1 60.9 91.3



Abundance Ion 93.00 (92.70 to 93.70): VT0

Ion 95.00 (94.70 to 95.70): VT0

Ion 173.90 (173.60 to 174.60): V



#46

Bromodichloromethane

Concen: 56.77 ug/l

RT: 9.21 min Scan# 654

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

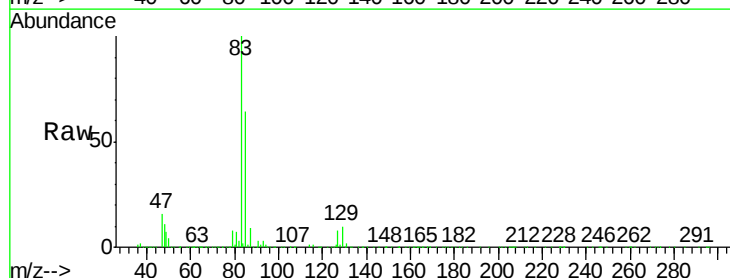
Tgt Ion: 83 Resp: 776429

Ion Ratio Lower Upper

83 100

85 64.1 51.3 76.9

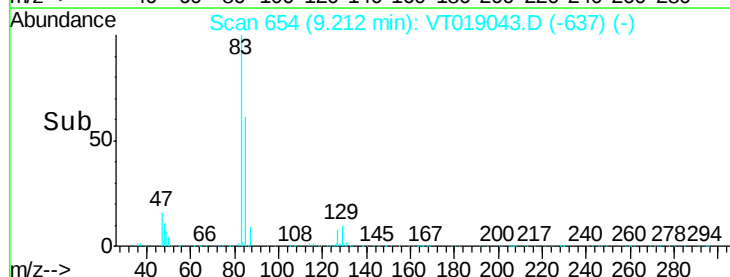
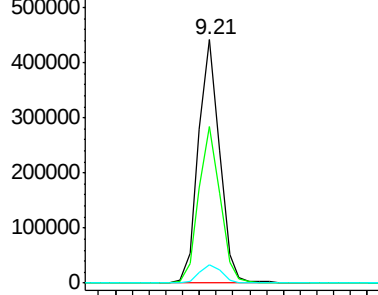
127 7.6 6.1 9.1

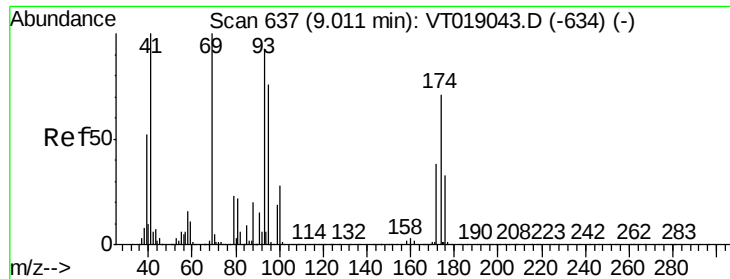


Abundance Ion 83.00 (82.70 to 83.70): VT0

Ion 85.00 (84.70 to 85.70): VT0

Ion 126.90 (126.60 to 127.60): V

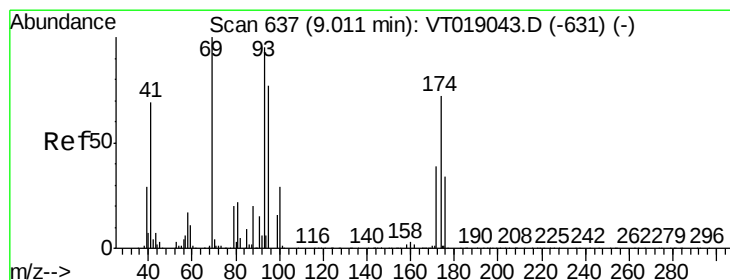
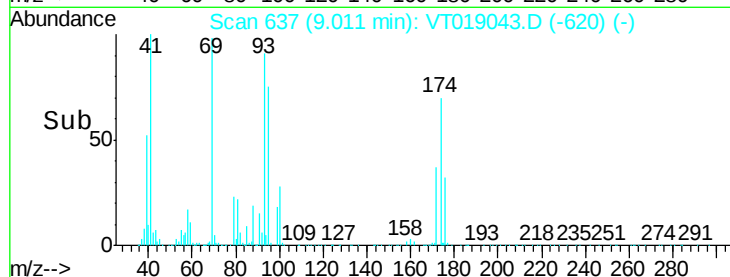
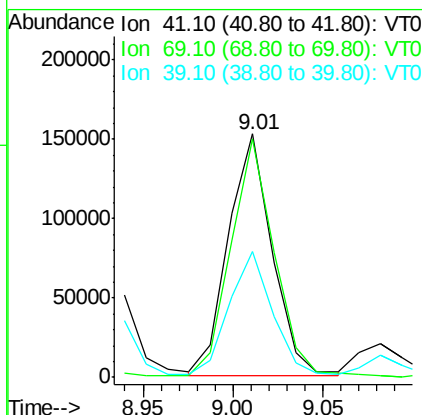
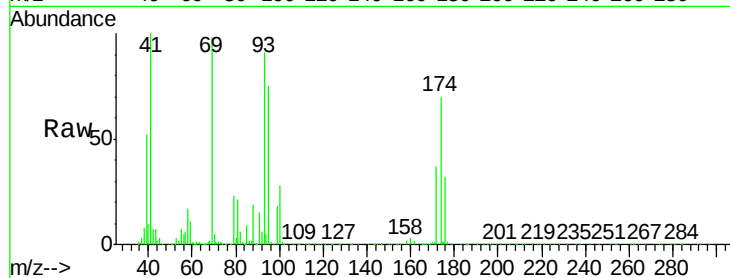




#47
Methyl methacrylate
Concen: 40.54 ug/l
RT: 9.01 min Scan# 637
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

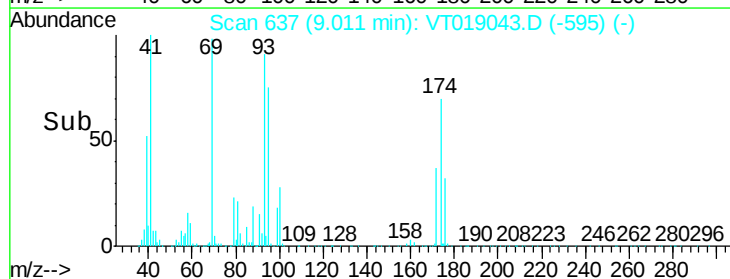
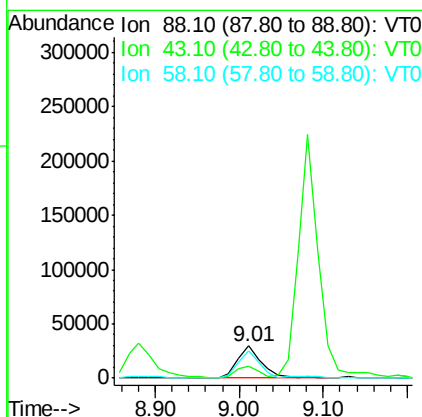
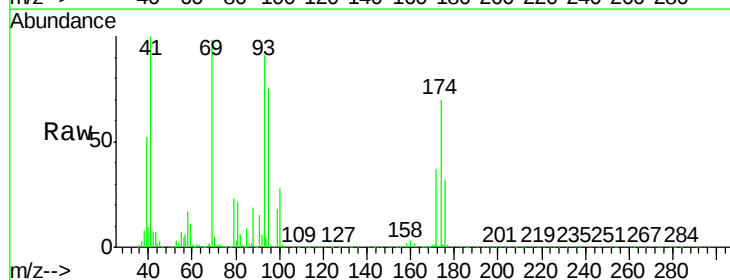
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

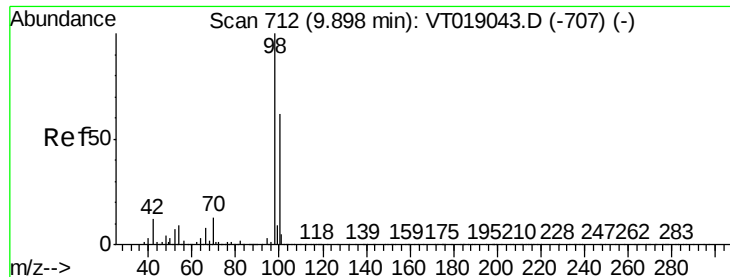
Tgt Ion: 41 Resp: 260511
Ion Ratio Lower Upper
41 100
69 98.0 78.4 117.6
39 51.8 41.4 62.2



#48
1,4-Dioxane
Concen: 877.56 ug/l
RT: 9.01 min Scan# 637
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion: 88 Resp: 62155
Ion Ratio Lower Upper
88 100
43 38.1 30.5 45.7
58 84.4 67.5 101.3





#49

Toluene-d8

Concen: 53.06 ug/l

RT: 9.90 min Scan# 712

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

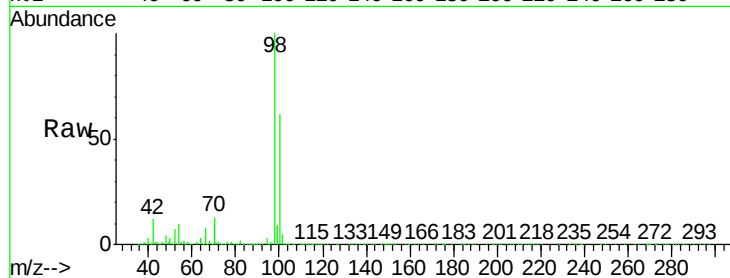
VSTDICCC050

Tgt Ion: 98 Resp: 2390635

Ion Ratio Lower Upper

98 100

100 62.5 50.0 75.0



Abundance Ion 98.10 (97.80 to 98.80): VT0

Ion 100.10 (99.80 to 100.80): VT0

1500000

9.90

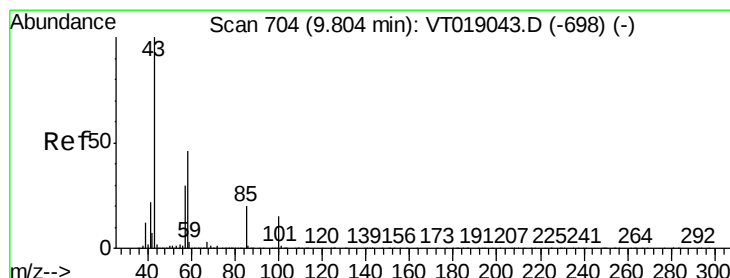
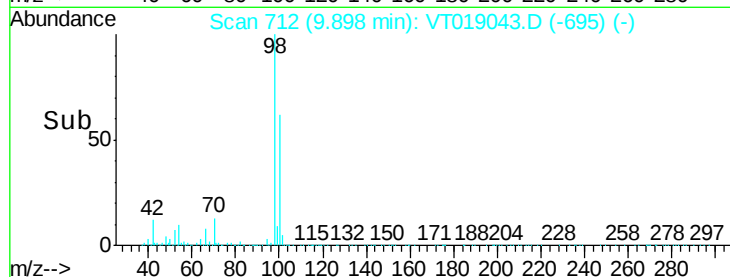
1000000

500000

0

9.80 9.90 10.00 10.10

Time-->



#50

4-Methyl-2-Pentanone

Concen: 204.40 ug/l

RT: 9.80 min Scan# 704

Delta R.T. 0.00 min

Lab File: VT019043.D

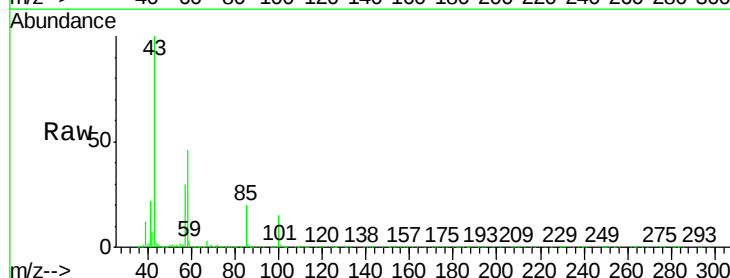
Acq: 8 May 2018 18:48

Tgt Ion: 43 Resp: 1373925

Ion Ratio Lower Upper

43 100

58 45.7 36.6 54.8



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 58.10 (57.80 to 58.80): VT0

800000

600000

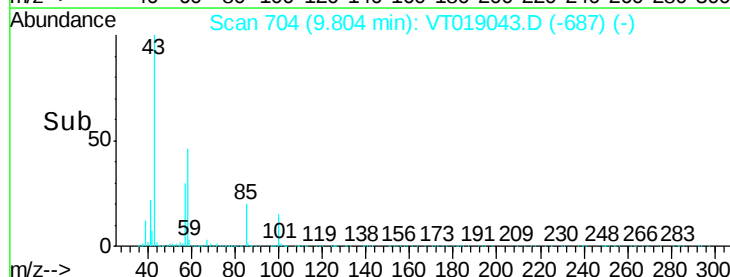
400000

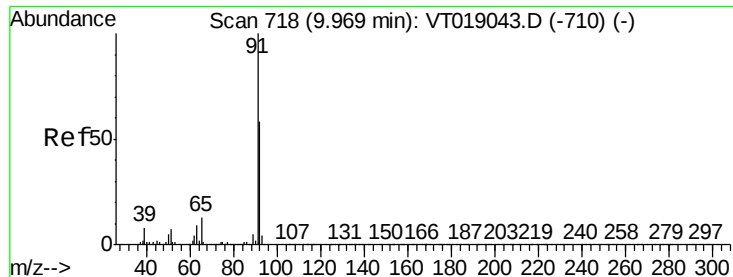
200000

0

9.70 9.80 9.90

Time-->





#51

Toluene

Concen: 53.33 ug/l

RT: 9.97 min Scan# 718

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

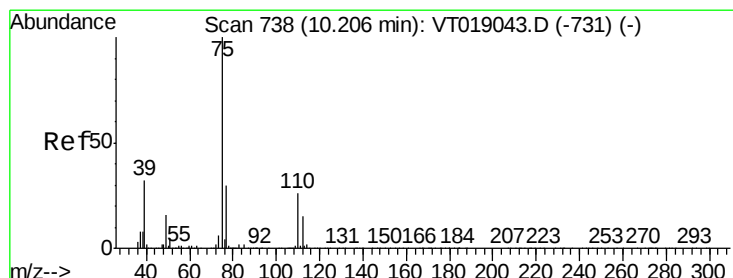
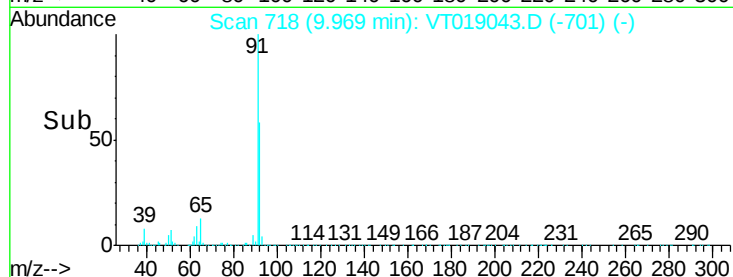
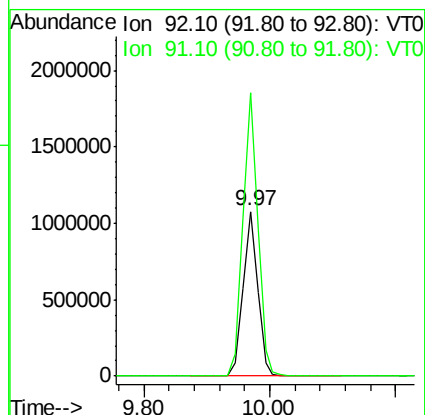
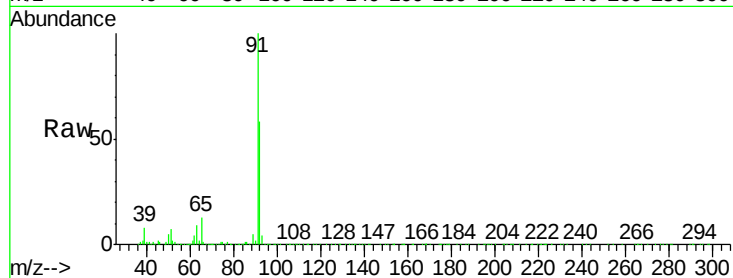
VSTDICCC050

Tgt Ion: 92 Resp: 1709189

Ion Ratio Lower Upper

92 100

91 172.2 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 55.25 ug/l

RT: 10.21 min Scan# 738

Delta R.T. 0.00 min

Lab File: VT019043.D

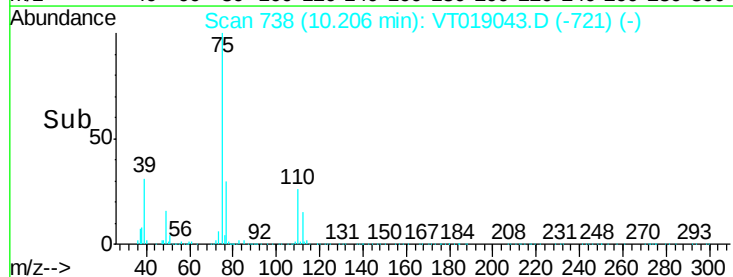
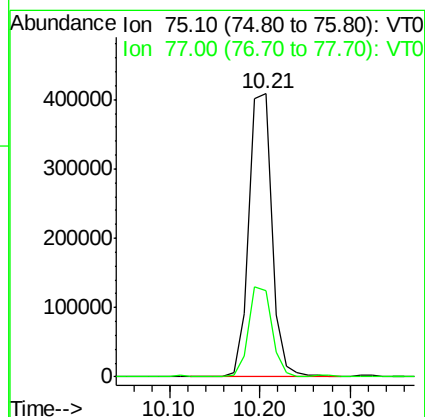
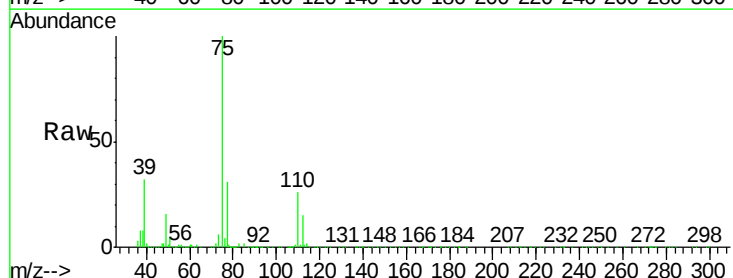
Acq: 8 May 2018 18:48

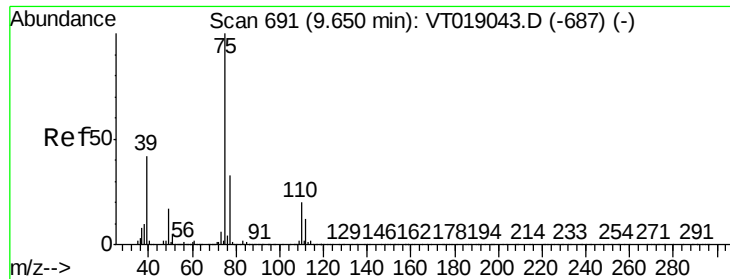
Tgt Ion: 75 Resp: 728197

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8





#53

cis-1,3-Dichloropropene

Concen: 55.25 ug/l

RT: 9.65 min Scan# 691

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

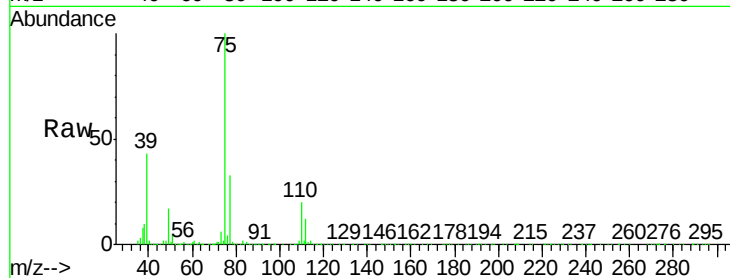
Tgt Ion: 75 Resp: 919095

Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

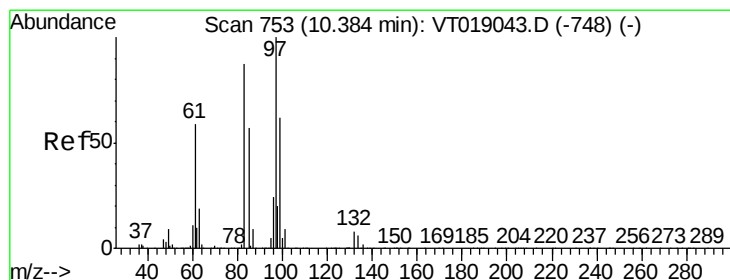
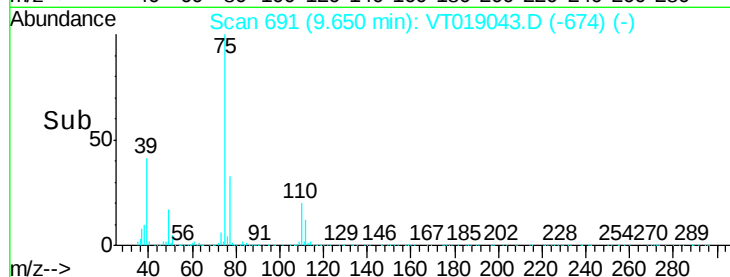
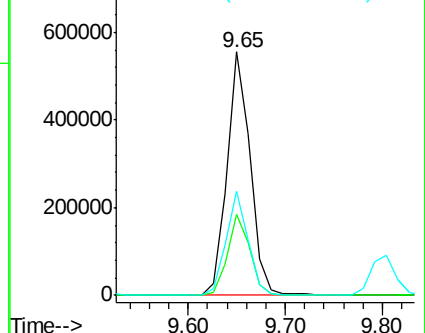
39 42.6 34.1 51.1



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: 51.63 ug/l

RT: 10.38 min Scan# 753

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Tgt Ion: 97 Resp: 405228

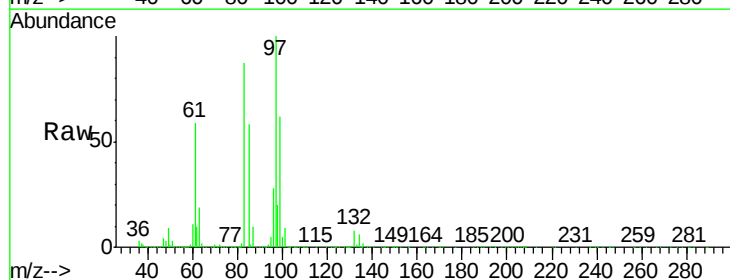
Ion Ratio Lower Upper

97 100

83 87.1 69.7 104.5

85 57.6 46.1 69.1

99 62.0 49.6 74.4

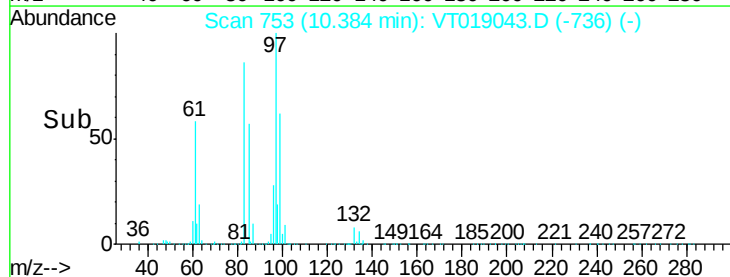
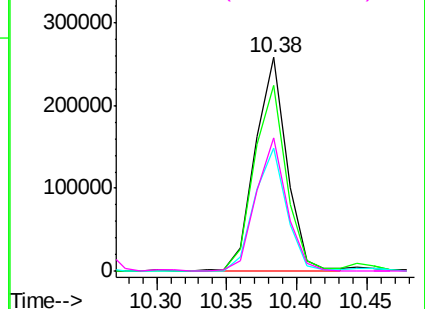


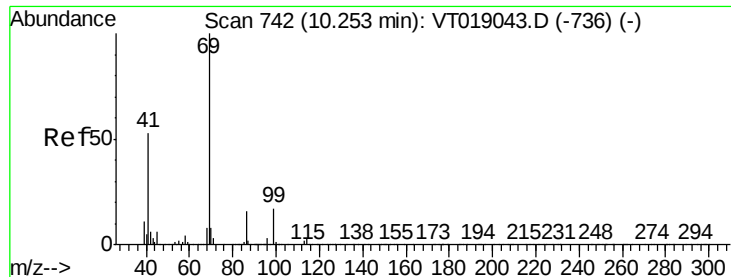
Abundance Ion 97.00 (96.70 to 97.70): VT0

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: 53.07 ug/l

RT: 10.25 min Scan# 742

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

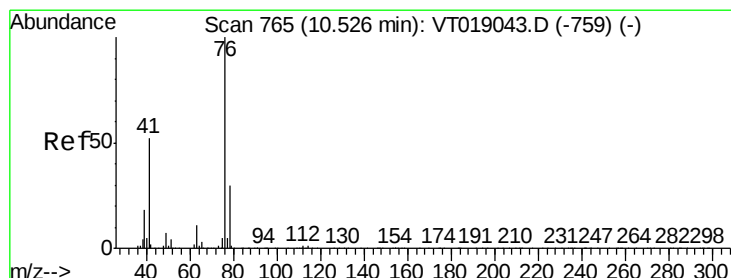
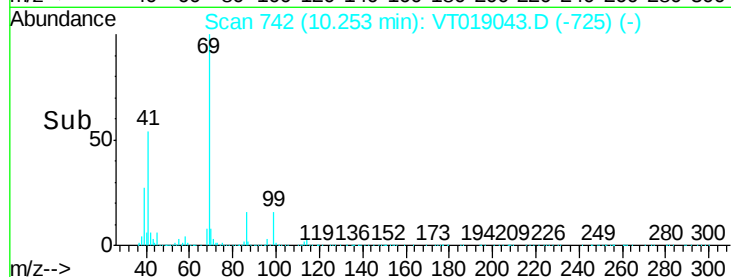
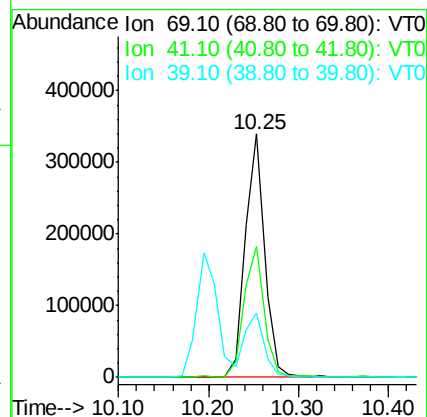
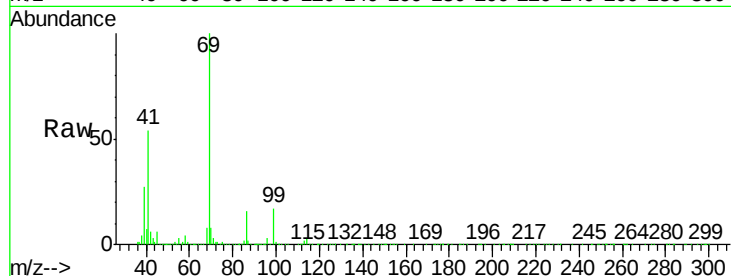
Tgt Ion: 69 Resp: 508085

Ion Ratio Lower Upper

69 100

41 53.6 42.9 64.3

39 26.5 21.2 31.8



#56

1,3-Dichloropropane

Concen: 54.22 ug/l

RT: 10.53 min Scan# 765

Delta R.T. 0.00 min

Lab File: VT019043.D

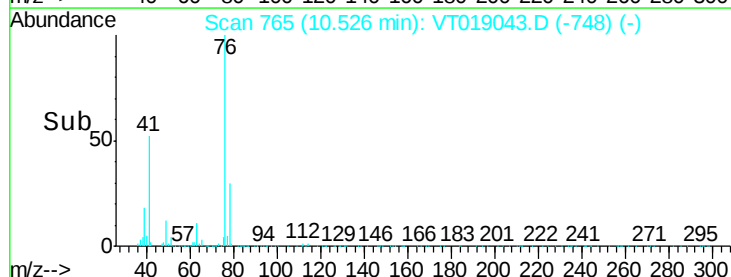
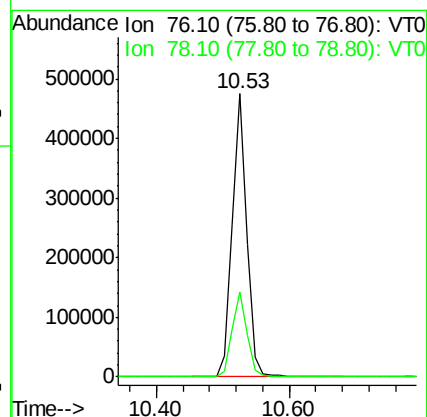
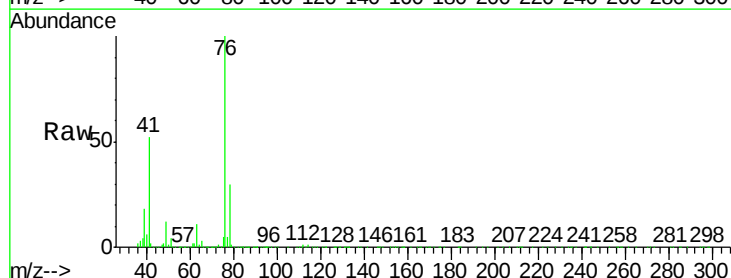
Acq: 8 May 2018 18:48

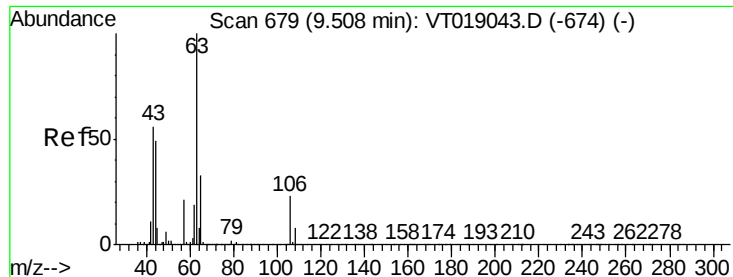
Tgt Ion: 76 Resp: 738719

Ion Ratio Lower Upper

76 100

78 30.1 24.1 36.1





#57

2-Chloroethyl Vinyl ether

Concen: 279.73 ug/l

RT: 9.51 min Scan# 679

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

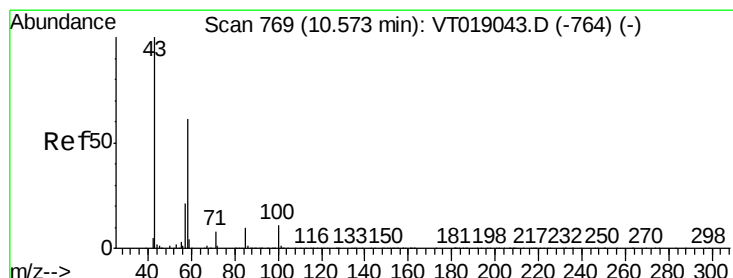
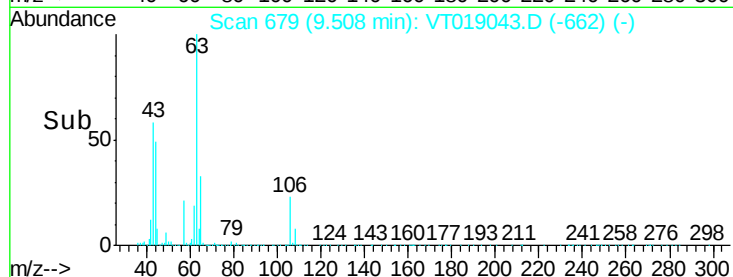
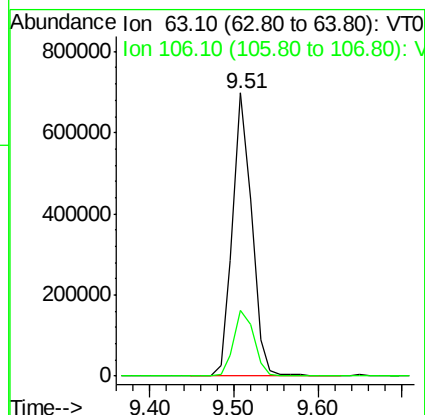
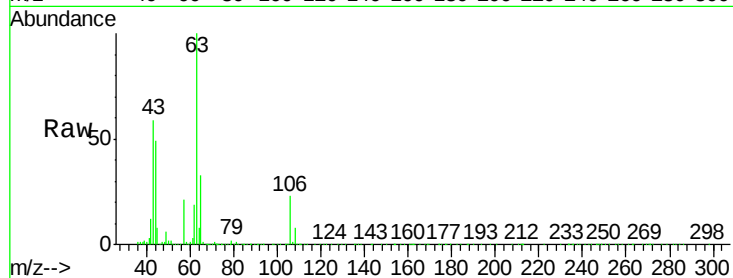
VSTDICCC050

Tgt Ion: 63 Resp: 111584

Ion Ratio Lower Upper

63 100

106 23.4 18.7 28.1



#58

2-Hexanone

Concen: 200.47 ug/l

RT: 10.57 min Scan# 769

Delta R.T. 0.00 min

Lab File: VT019043.D

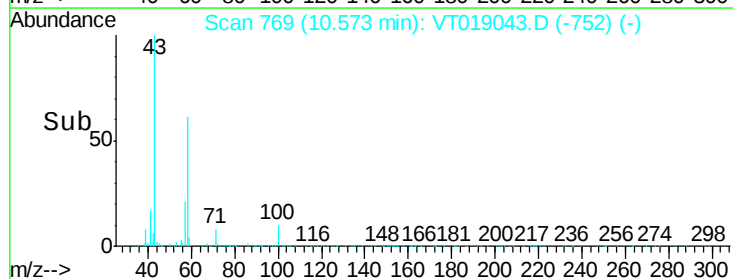
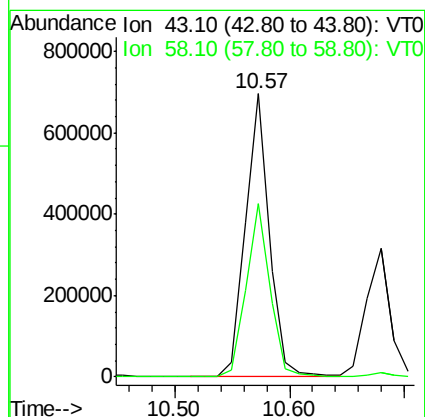
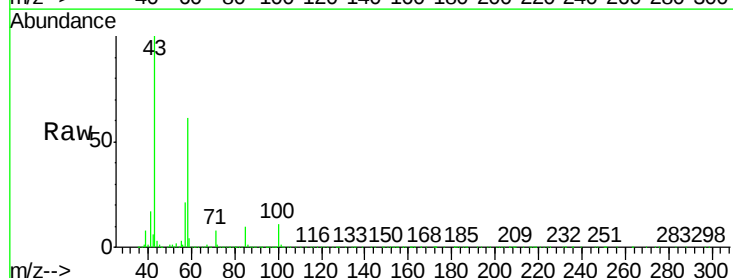
Acq: 8 May 2018 18:48

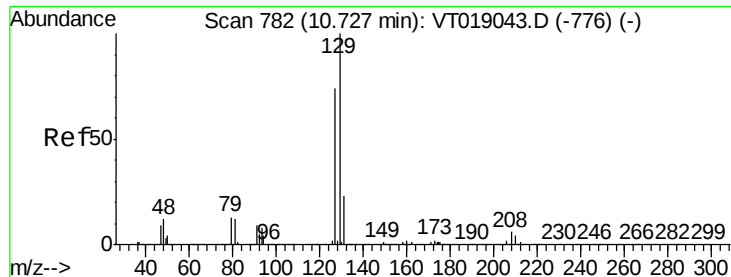
Tgt Ion: 43 Resp: 1017643

Ion Ratio Lower Upper

43 100

58 61.3 30.6 92.0

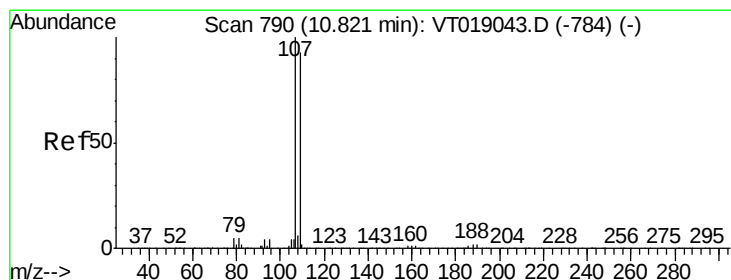
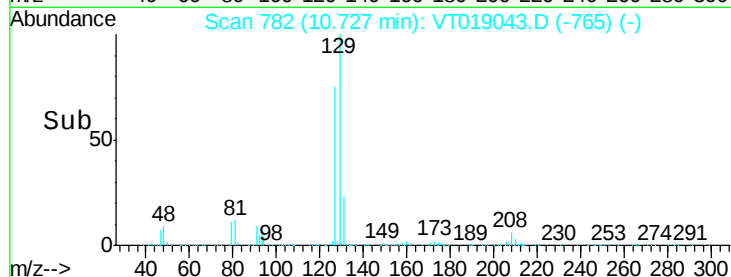
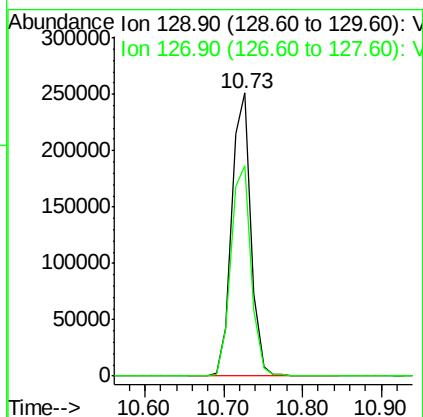
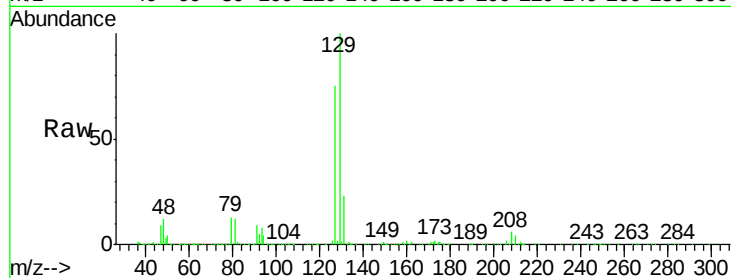




#59
 Dibromochloromethane
 Concen: 46.84 ug/l
 RT: 10.73 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

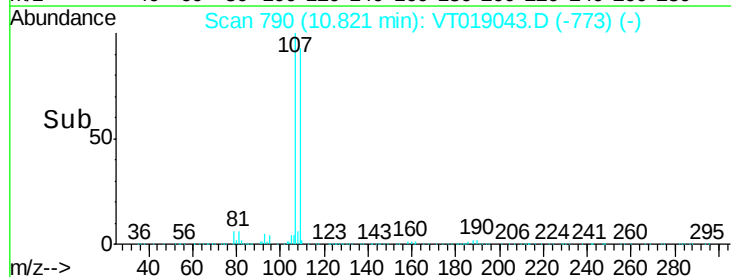
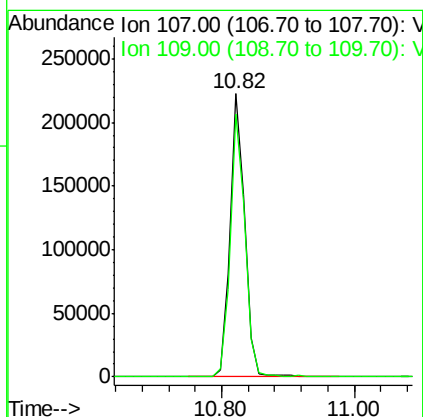
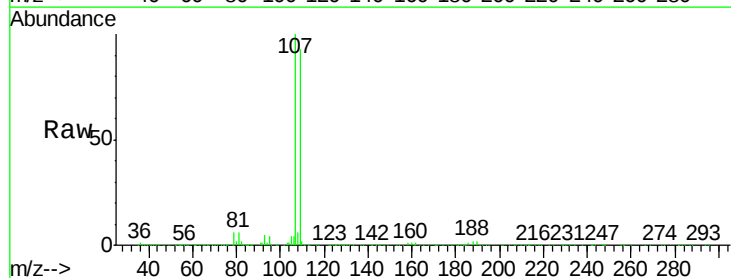
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

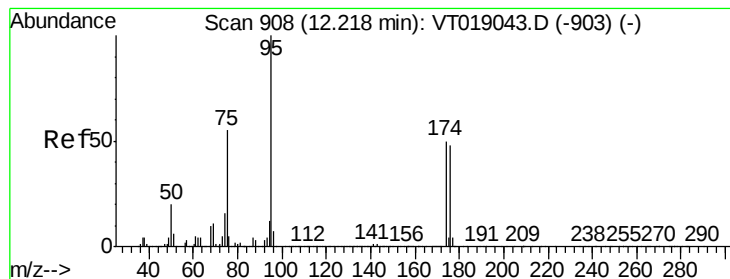
Tgt Ion:129 Resp: 424160
 Ion Ratio Lower Upper
 129 100
 127 74.5 37.3 111.8



#60
 1,2-Dibromoethane
 Concen: 48.46 ug/l
 RT: 10.82 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

Tgt Ion:107 Resp: 350709
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.3 111.5





#61

4-Bromofluorobenzene

Concen: 58.39 ug/l

RT: 12.22 min Scan# 908

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

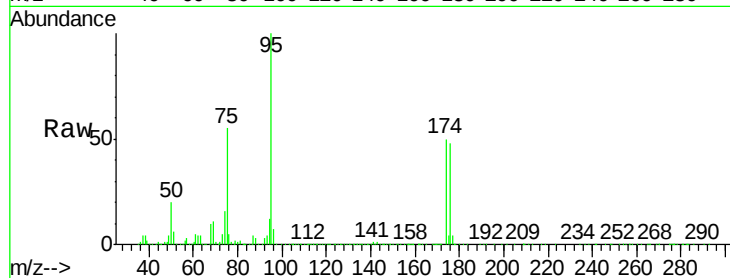
Tgt Ion: 95 Resp: 910615

Ion Ratio Lower Upper

95 100

174 50.0 0.0 100.0

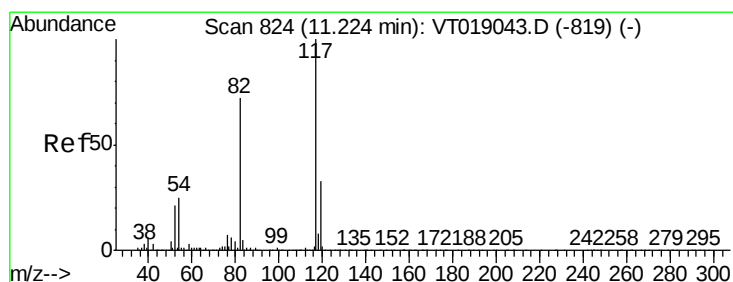
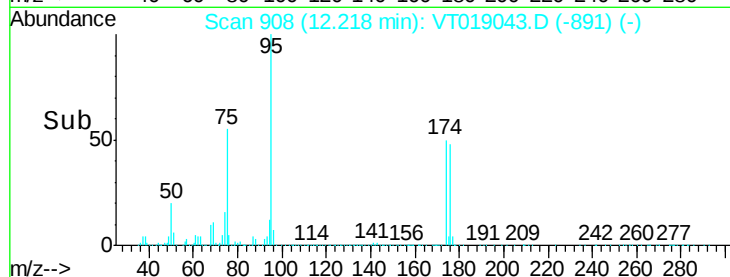
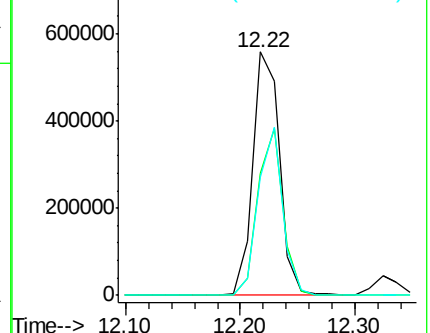
176 48.3 0.0 96.6



Abundance Ion 95.10 (94.80 to 95.80): VT0

Ion 174.00 (173.70 to 174.70): VT0

Ion 176.00 (175.70 to 176.70): VT0



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

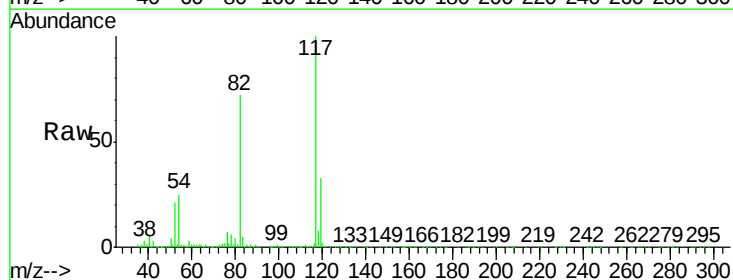
Tgt Ion: 117 Resp: 1640253

Ion Ratio Lower Upper

117 100

82 72.0 57.6 86.4

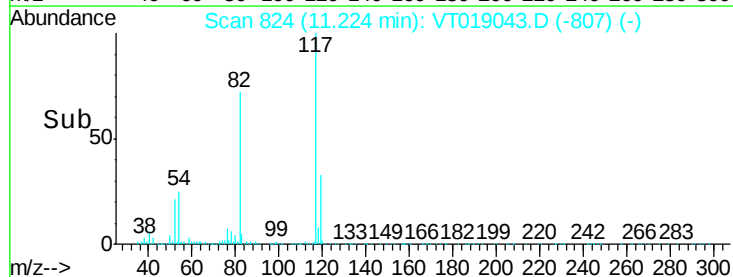
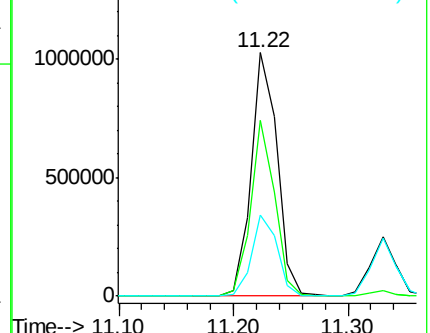
119 33.3 26.6 40.0

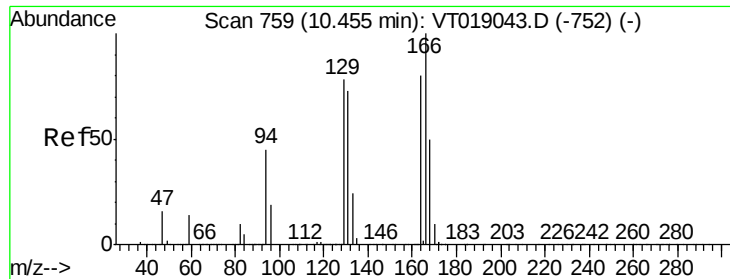


Abundance Ion 117.10 (116.80 to 117.80): VT0

Ion 82.10 (81.80 to 82.80): VT0

Ion 119.10 (118.80 to 119.80): VT0

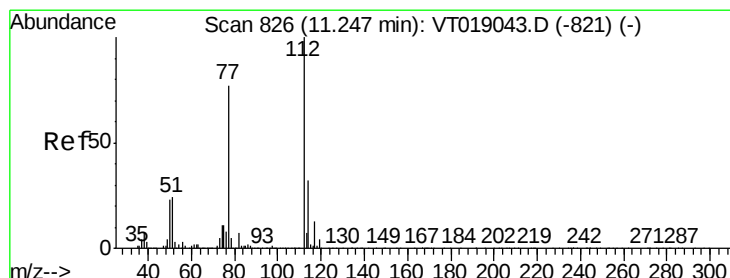
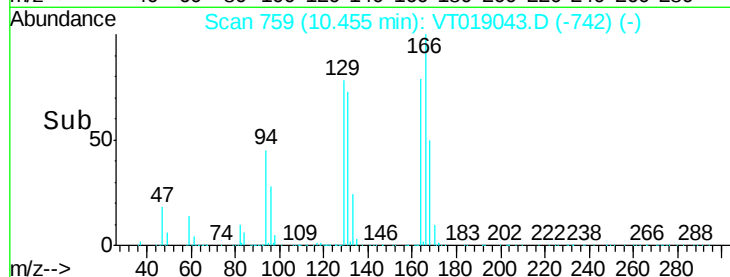
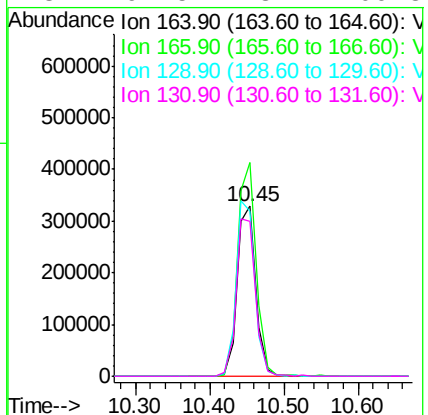
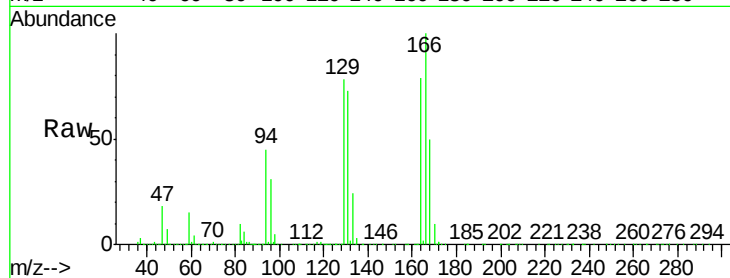




#63
Tetrachloroethene
Concen: 48.11 ug/l
RT: 10.45 min Scan# 759
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

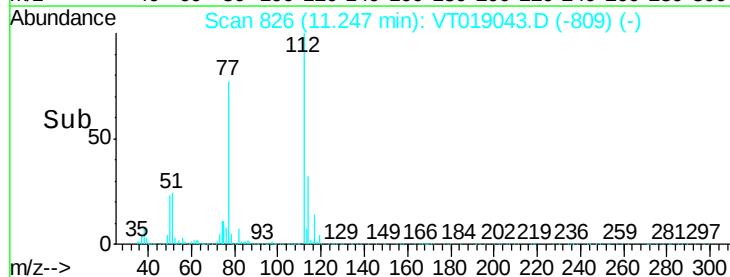
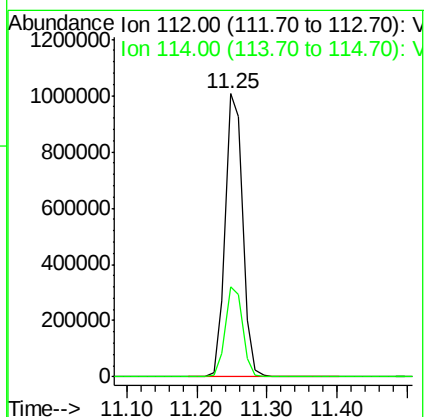
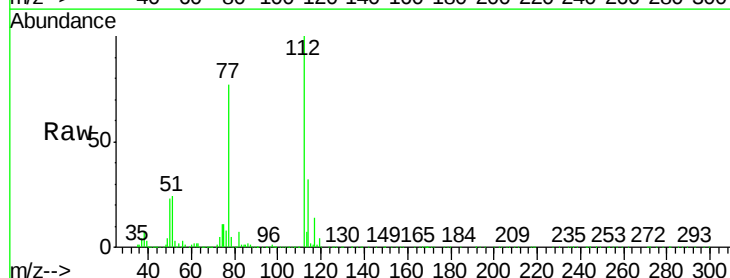
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

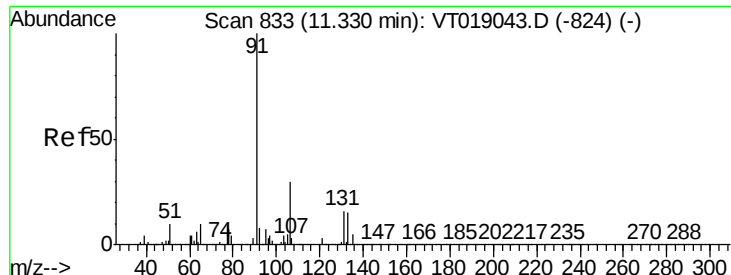
Tgt Ion:164 Resp: 575532
Ion Ratio Lower Upper
164 100
166 125.8 100.6 151.0
129 97.6 78.1 117.1
131 91.5 73.2 109.8



#64
Chlorobenzene
Concen: 49.37 ug/l
RT: 11.25 min Scan# 826
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion:112 Resp: 1744394
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 50.37 ug/l

RT: 11.33 min Scan# 833

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

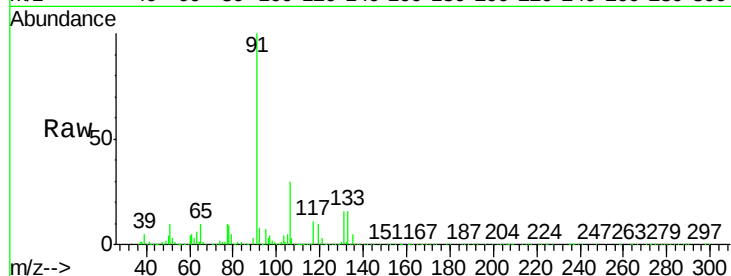
Tgt Ion:131 Resp: 559542

Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 63.6 31.8 95.4



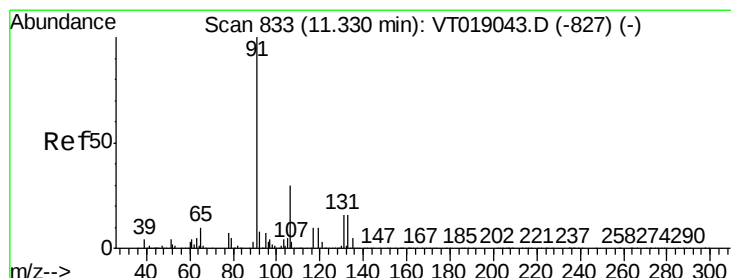
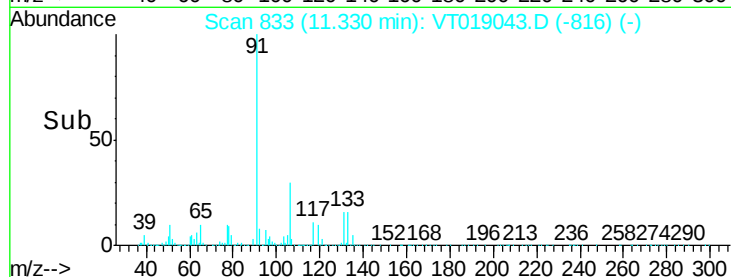
Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.90 (118.60 to 119.60): V

11.33

Time-->



#66

Ethyl Benzene

Concen: 57.93 ug/l

RT: 11.33 min Scan# 833

Delta R.T. 0.00 min

Lab File: VT019043.D

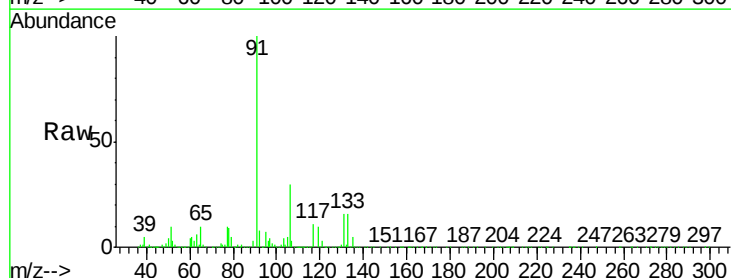
Acq: 8 May 2018 18:48

Tgt Ion: 91 Resp: 3570785

Ion Ratio Lower Upper

91 100

106 30.0 24.0 36.0

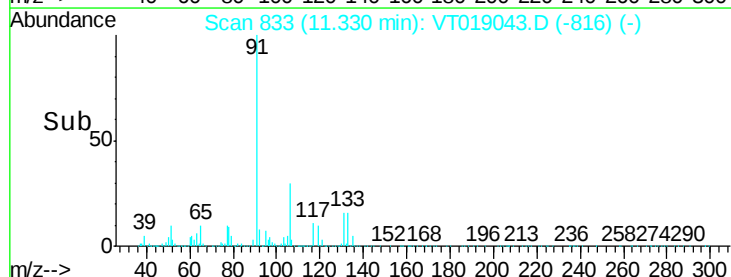


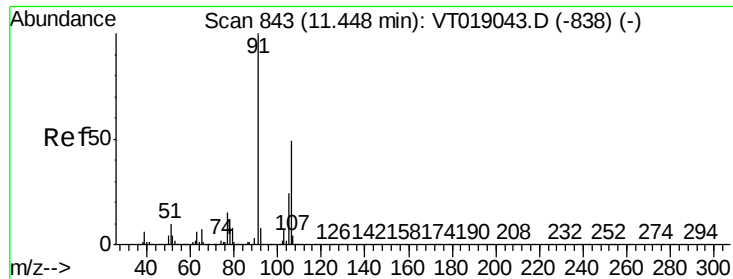
Abundance Ion 91.10 (90.80 to 91.80): VT0

Ion 106.10 (105.80 to 106.80): V

11.33

Time-->

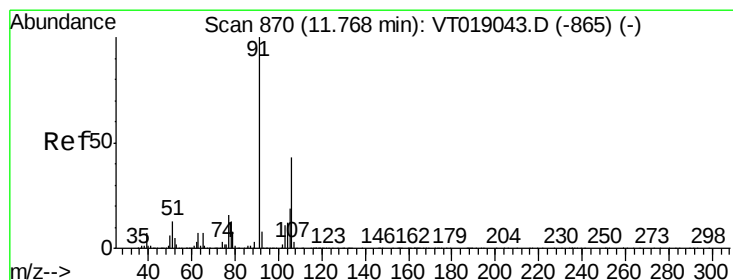
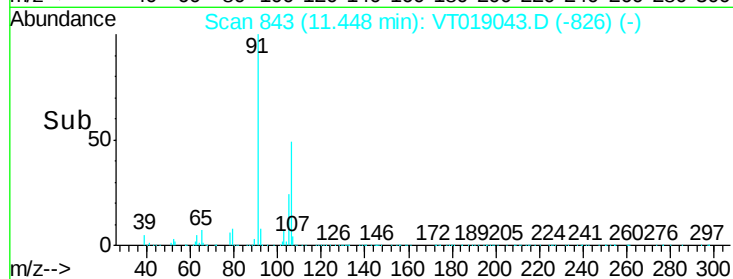
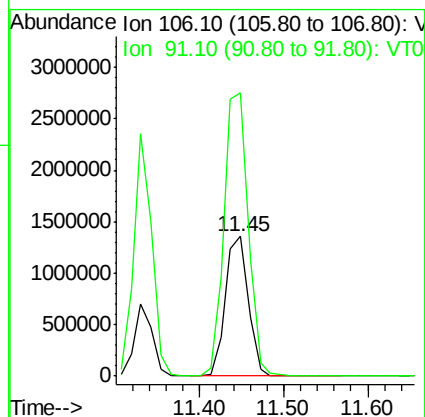
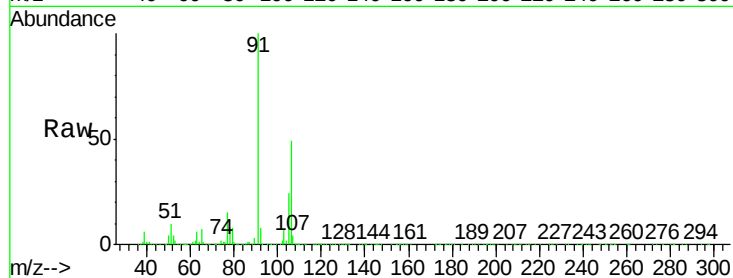




#67
m/p-Xylenes
Concen: 105.02 ug/l
RT: 11.45 min Scan# 843
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

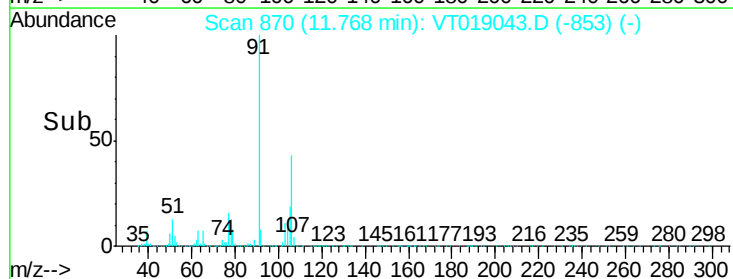
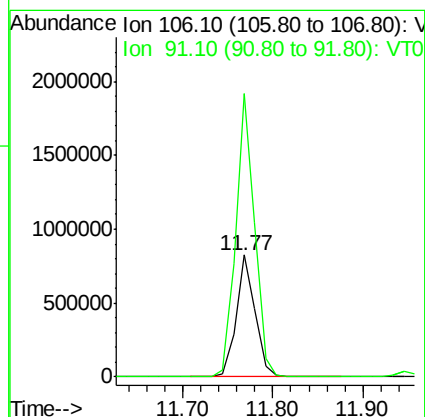
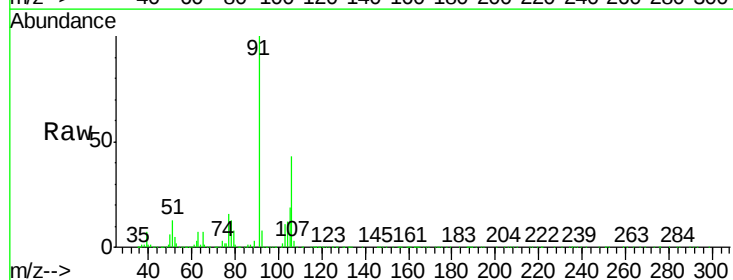
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

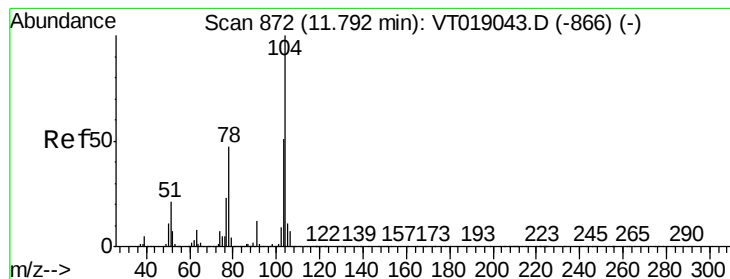
Tgt Ion:106 Resp: 2585971
Ion Ratio Lower Upper
106 100
91 202.8 162.2 243.4



#68
o-Xylene
Concen: 53.34 ug/l
RT: 11.77 min Scan# 870
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion:106 Resp: 1196822
Ion Ratio Lower Upper
106 100
91 232.0 116.0 348.0





#69

Styrene

Concen: 50.25 ug/l

RT: 11.79 min Scan# 872

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

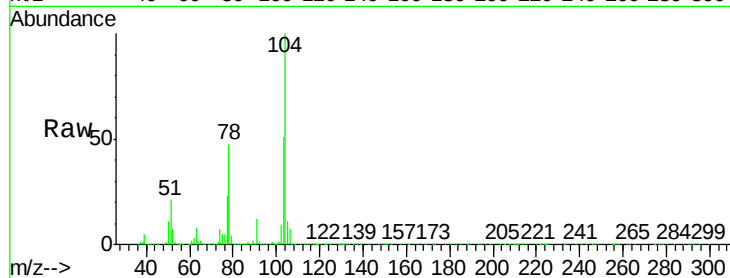
Tgt Ion:104 Resp: 1876930

Ion Ratio Lower Upper

104 100

78 47.5 38.0 57.0

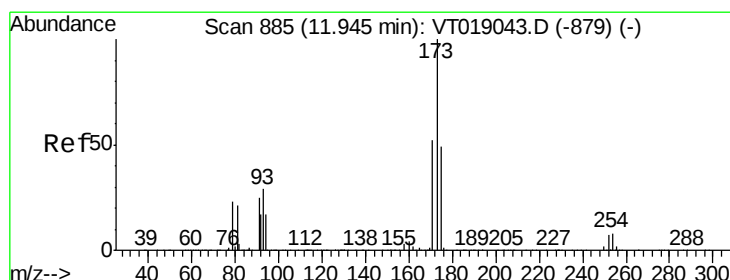
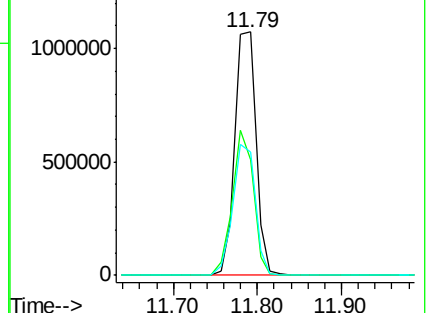
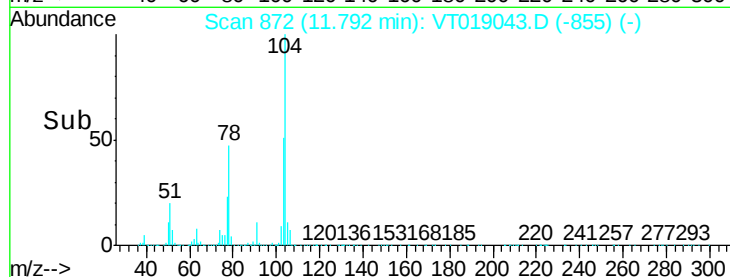
103 50.8 40.6 61.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): V

Ion 103.10 (102.80 to 103.80): V



#70

Bromoform

Concen: 39.42 ug/l

RT: 11.95 min Scan# 885

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

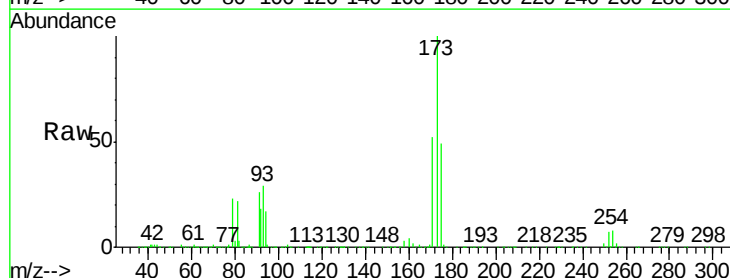
Tgt Ion:173 Resp: 222690

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

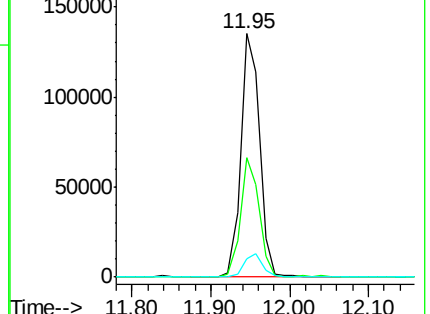
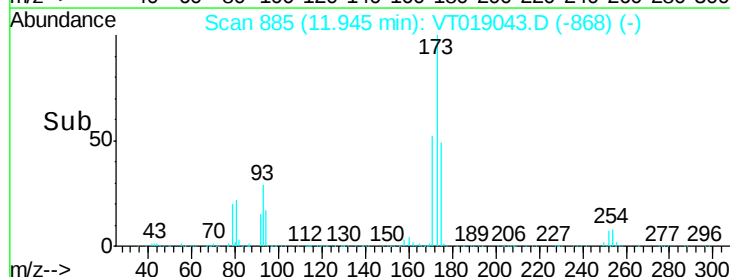
254 7.6 6.1 9.1

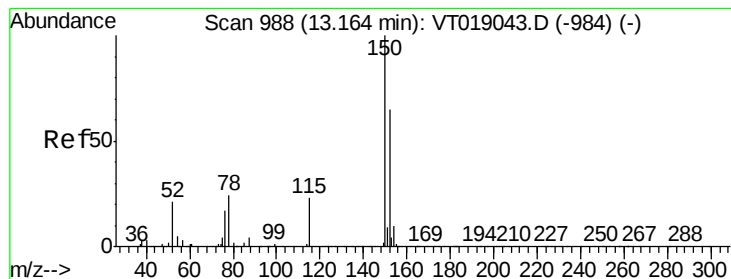


Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V





#71

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.16 min Scan# 988

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

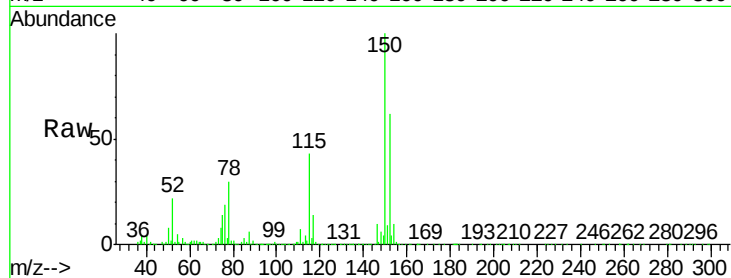
Tgt Ion:152 Resp: 792875

Ion Ratio Lower Upper

152 100

115 68.4 34.2 102.6

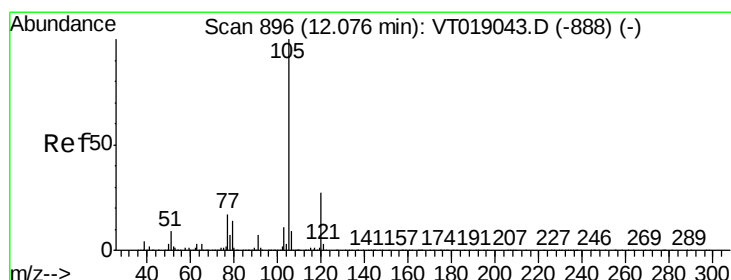
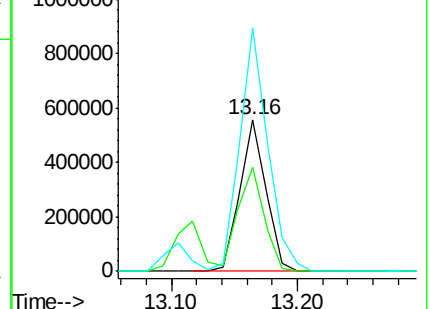
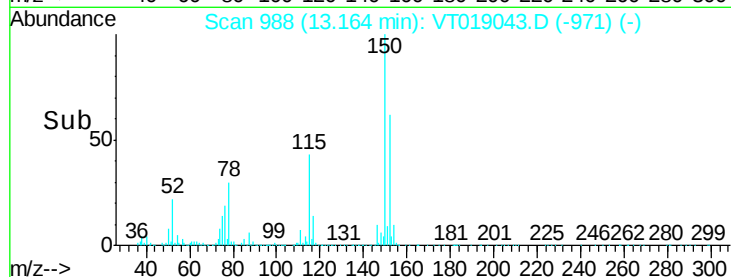
150 160.6 0.0 321.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#72

Isopropylbenzene

Concen: 60.42 ug/l

RT: 12.08 min Scan# 896

Delta R.T. 0.00 min

Lab File: VT019043.D

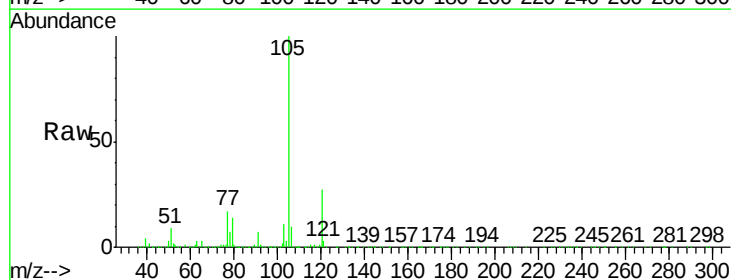
Acq: 8 May 2018 18:48

Tgt Ion:105 Resp: 3537214

Ion Ratio Lower Upper

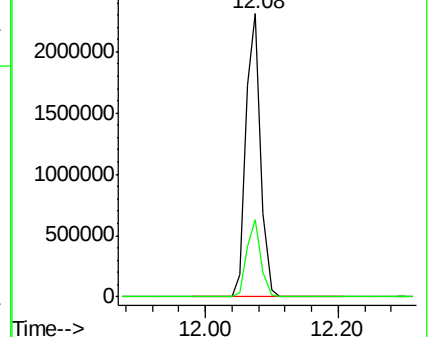
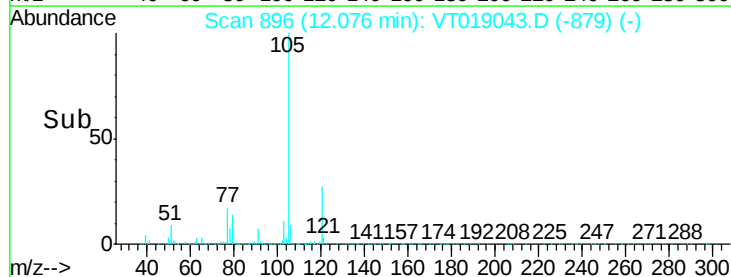
105 100

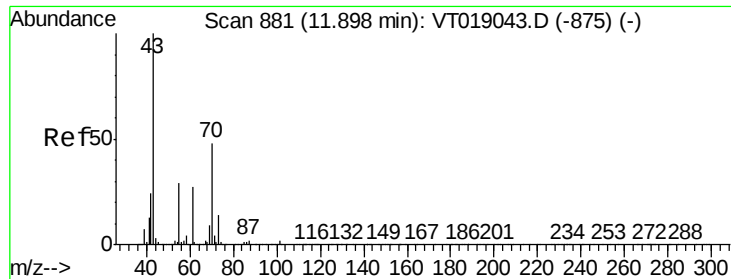
120 27.2 13.6 40.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.10 (119.80 to 120.80): V

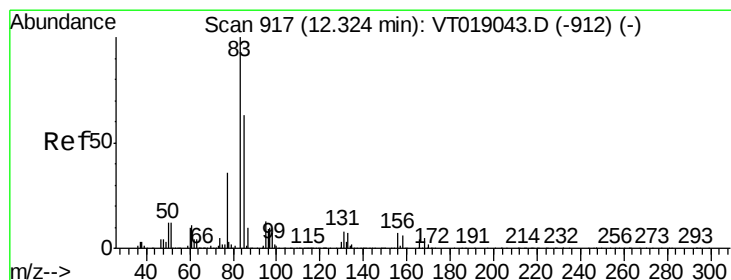
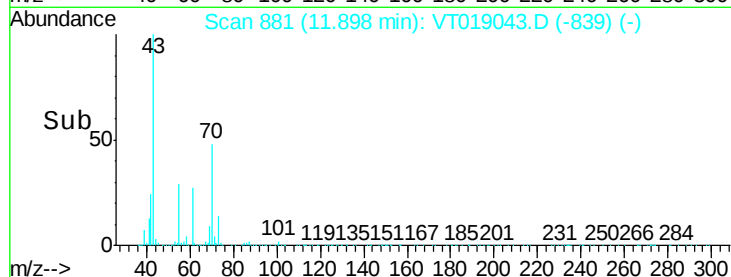
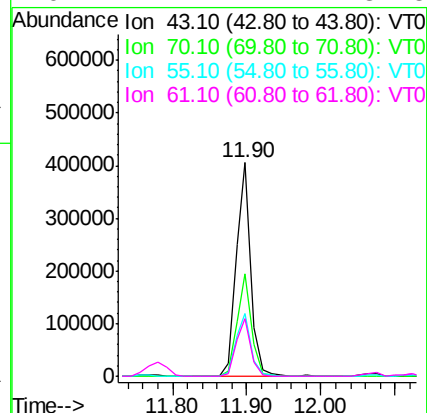
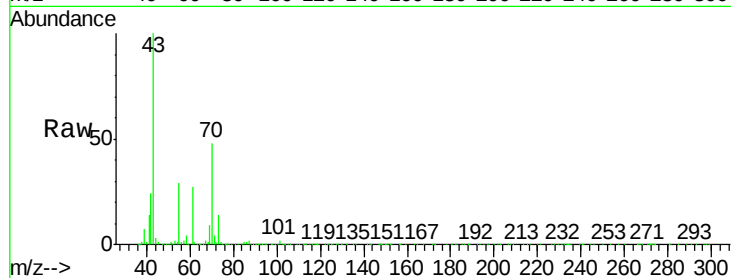




#73
N-amyI acetate
Concen: 50.40 ug/l
RT: 11.90 min Scan# 881
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

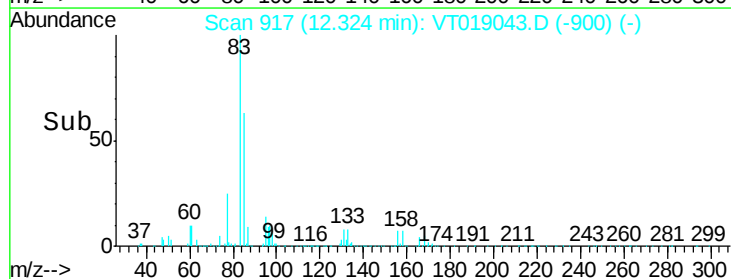
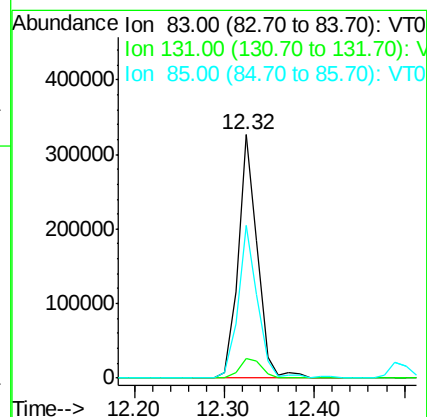
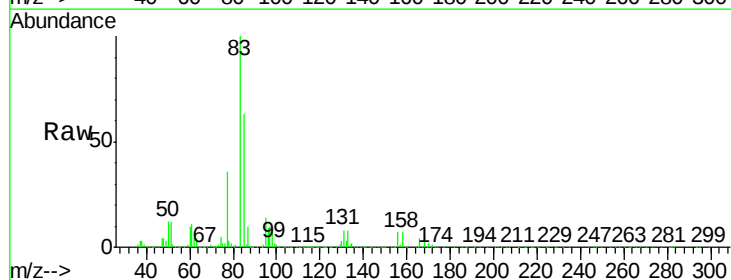
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

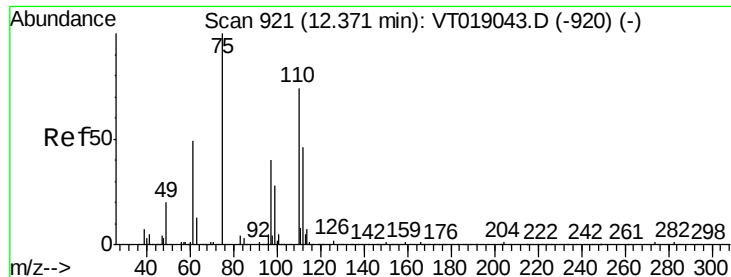
Tgt Ion:	43	Resp:	564182
Ion	Ratio	Lower	Upper
43	100		
70	47.8	38.2	57.4
55	29.4	23.5	35.3
61	27.1	21.7	32.5



#74
1,1,2,2-Tetrachloroethane
Concen: 54.27 ug/l
RT: 12.32 min Scan# 917
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion:	83	Resp:	484413
Ion	Ratio	Lower	Upper
83	100		
131	8.1	4.0	12.2
85	62.9	31.4	94.3





#75

1,2,3-Trichloropropane

Concen: 99.80 ug/l

RT: 12.37 min Scan# 921

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

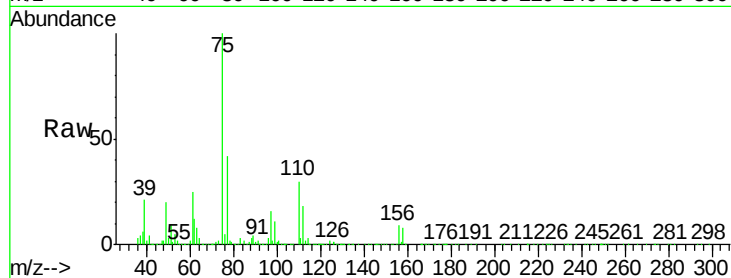
VSTDICCC050

Tgt Ion: 75 Resp: 625087

Ion Ratio Lower Upper

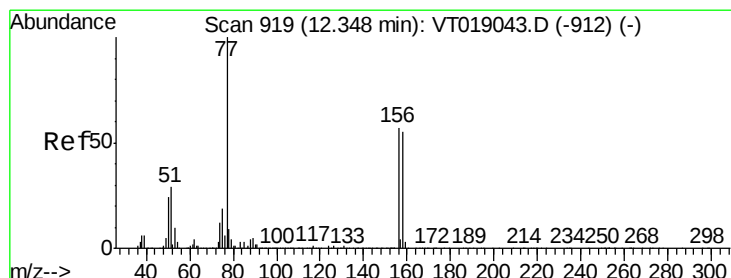
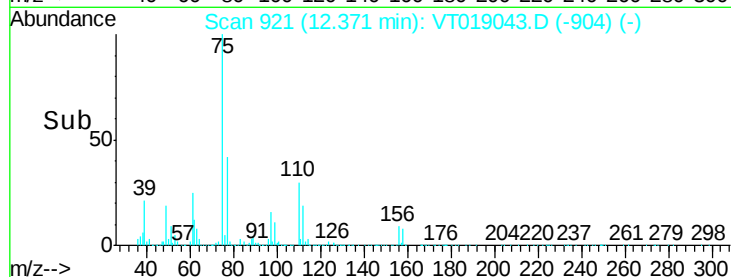
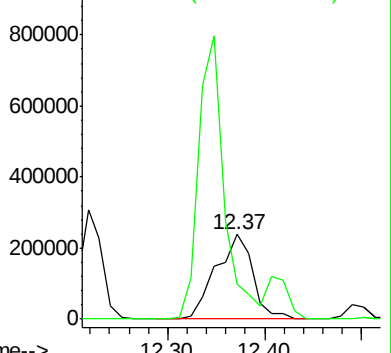
75 100

77 42.1 21.1 63.1



Abundance Ion 75.10 (74.80 to 75.80): VT0

Ion 77.10 (76.80 to 77.80): VT0



#76

Bromobenzene

Concen: 50.87 ug/l

RT: 12.35 min Scan# 919

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

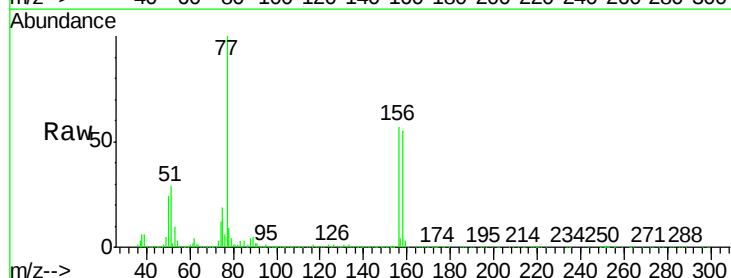
Tgt Ion: 156 Resp: 661420

Ion Ratio Lower Upper

156 100

77 175.6 87.8 263.4

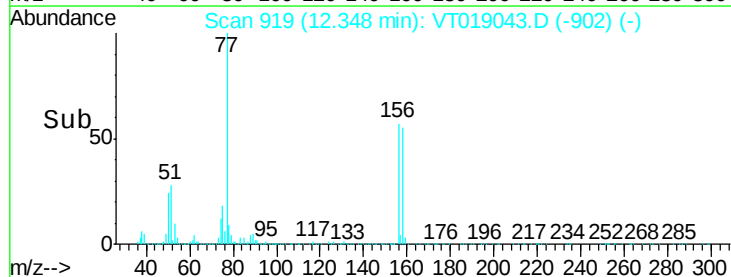
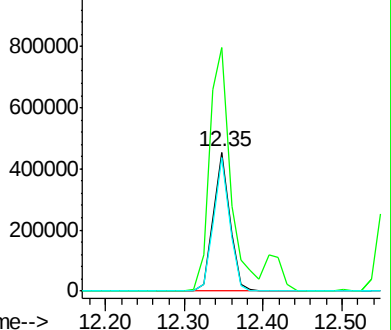
158 96.5 48.3 144.8

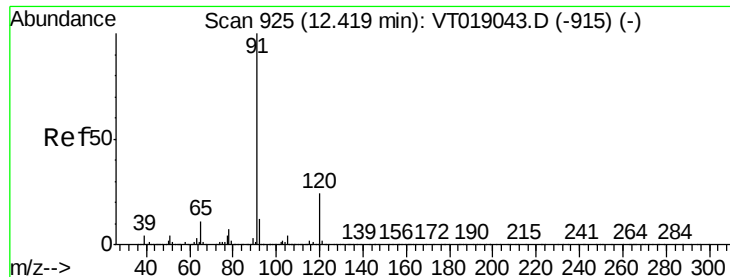


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.10 (76.80 to 77.80): VT0

Ion 158.00 (157.70 to 158.70): V





#77

n-propylbenzene

Concen: 62.84 ug/l

RT: 12.42 min Scan# 925

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

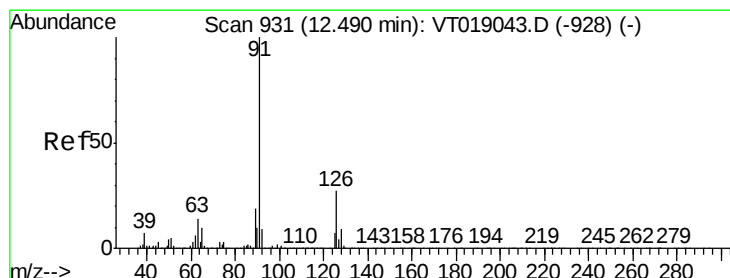
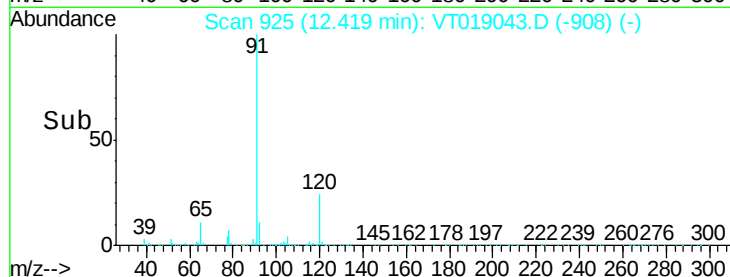
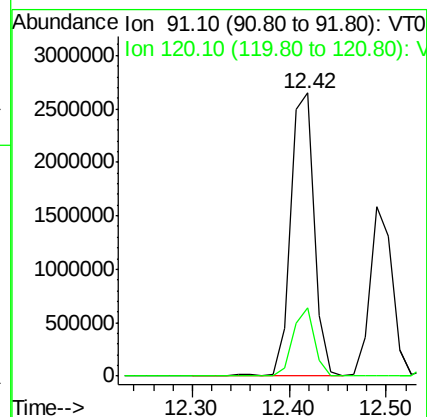
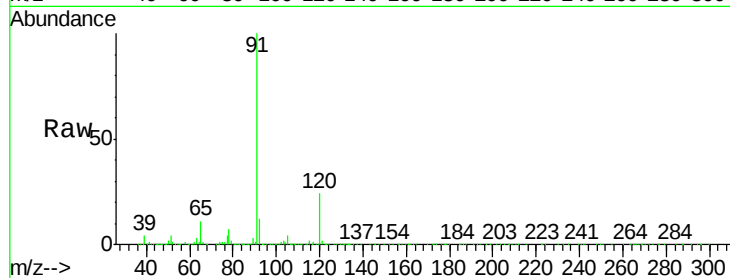
VSTDICCC050

Tgt Ion: 91 Resp: 4439020

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.1



#78

2-Chlorotoluene

Concen: 63.31 ug/l

RT: 12.49 min Scan# 931

Delta R.T. 0.00 min

Lab File: VT019043.D

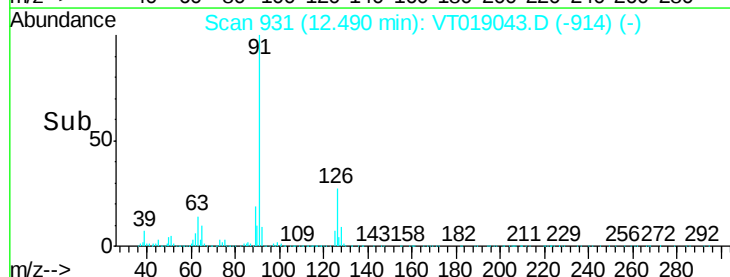
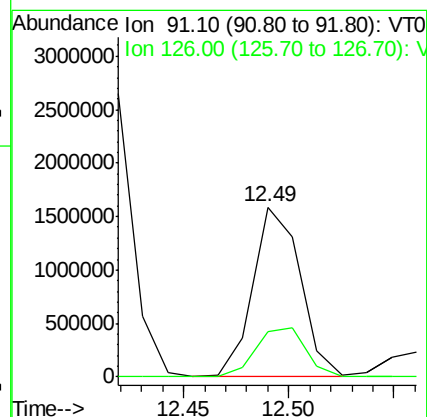
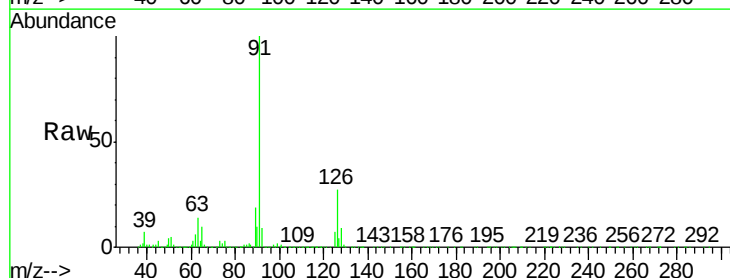
Acq: 8 May 2018 18:48

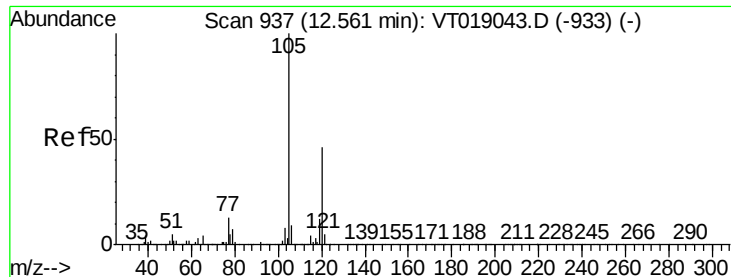
Tgt Ion: 91 Resp: 2511354

Ion Ratio Lower Upper

91 100

126 27.0 13.5 40.5

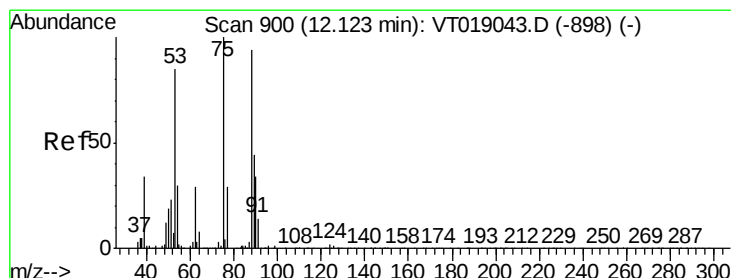
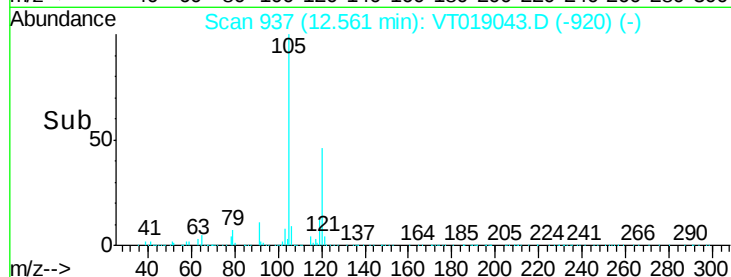
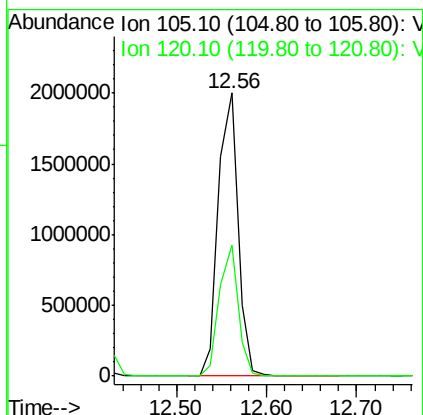
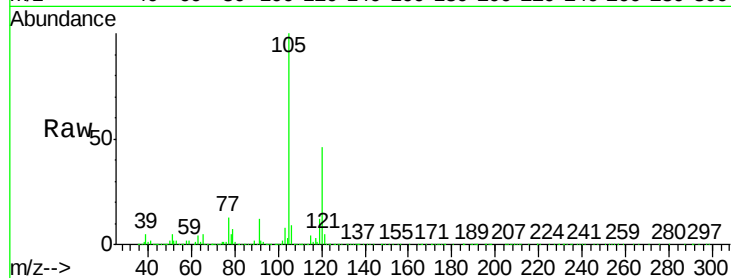




#79
 1,3,5-Trimethylbenzene
 Concen: 60.67 ug/l
 RT: 12.56 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

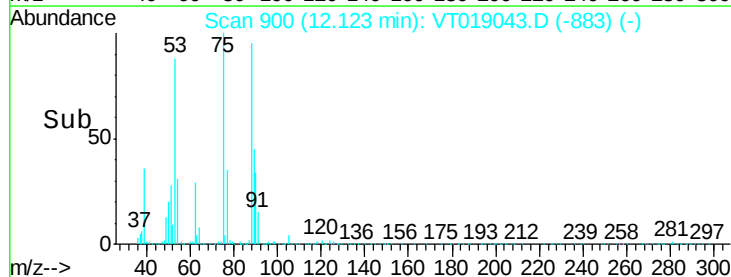
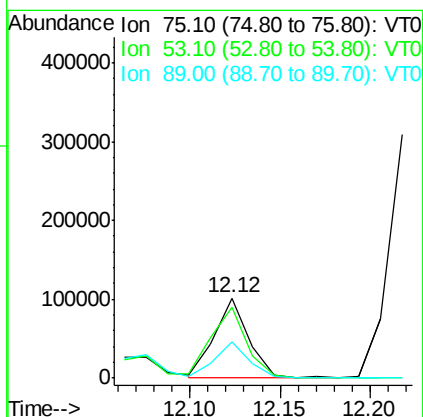
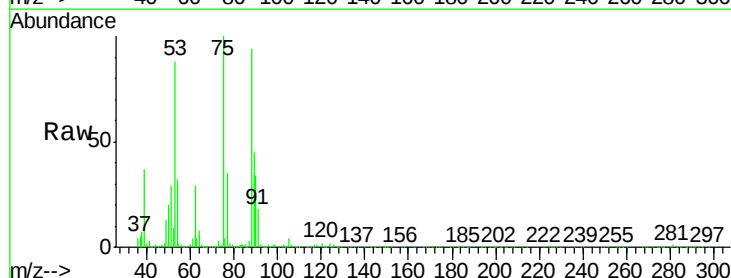
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

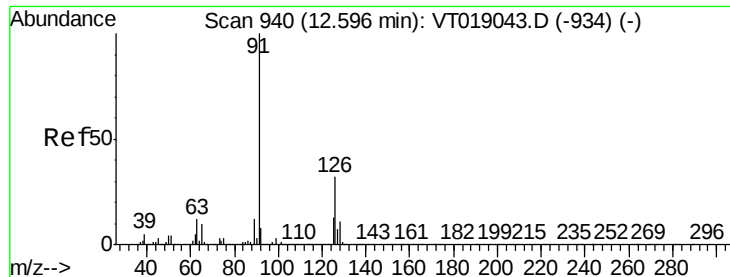
Tgt Ion:105 Resp: 3056025
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5



#80
 trans-1,4-Dichloro-2-butene
 Concen: 49.03 ug/l
 RT: 12.12 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

Tgt Ion: 75 Resp: 133998
 Ion Ratio Lower Upper
 75 100
 53 88.5 70.8 106.2
 89 44.8 35.8 53.8

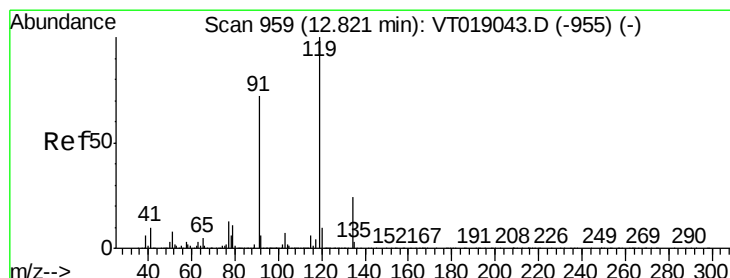
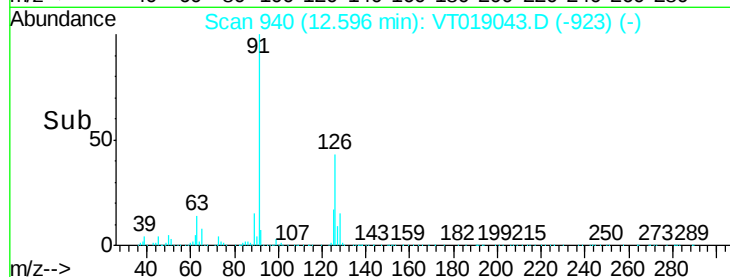
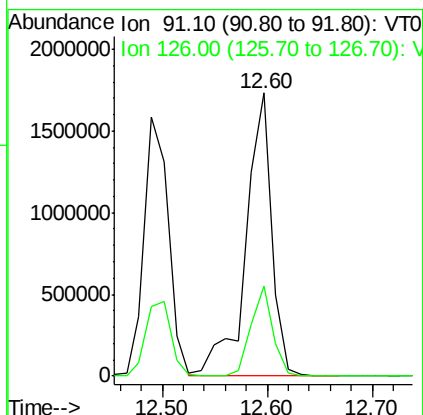
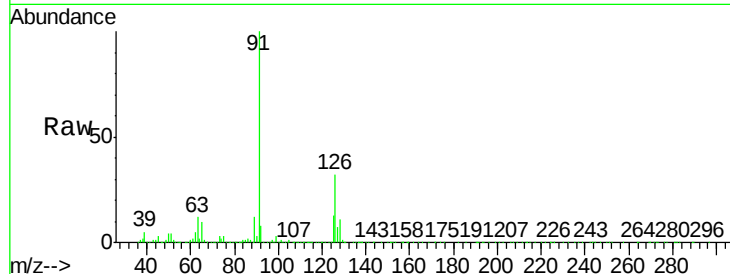




#81
4-Chlorotoluene
Concen: 62.48 ug/l
RT: 12.60 min Scan# 940
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

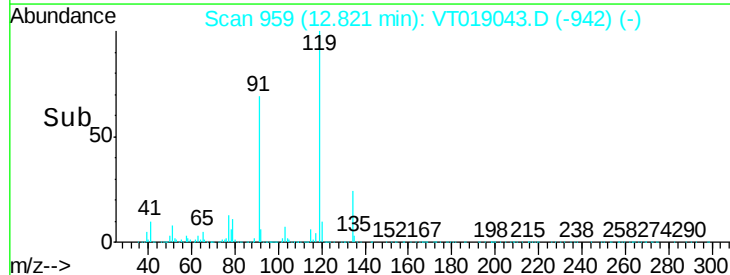
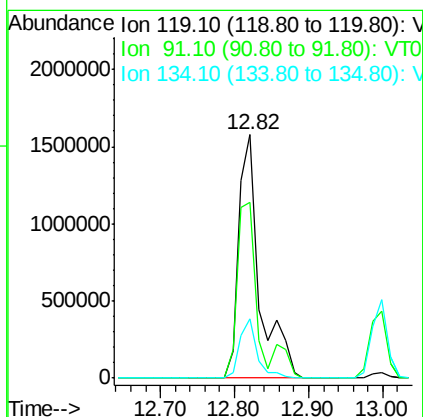
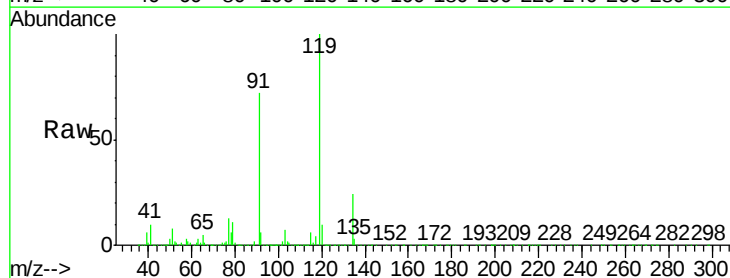
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

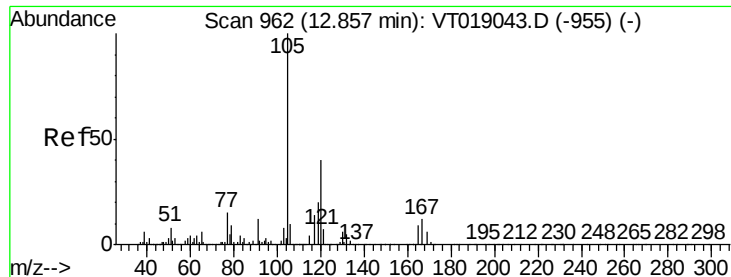
Tgt Ion: 91 Resp: 2975325
Ion Ratio Lower Upper
91 100
126 31.9 16.0 47.9



#82
tert-Butylbenzene
Concen: 69.84 ug/l
RT: 12.82 min Scan# 959
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion: 119 Resp: 3122224
Ion Ratio Lower Upper
119 100
91 72.2 36.1 108.3
134 24.1 12.0 36.1

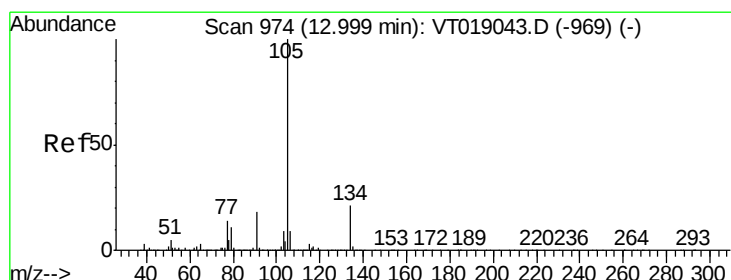
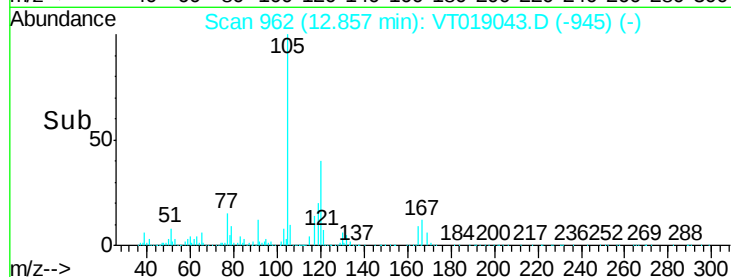
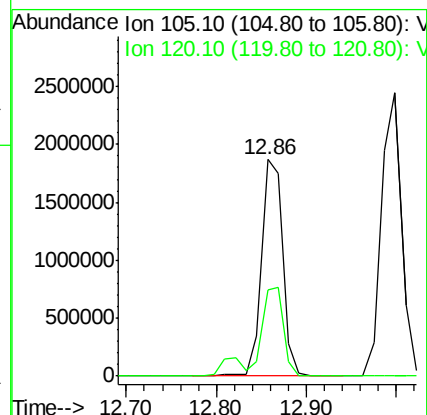
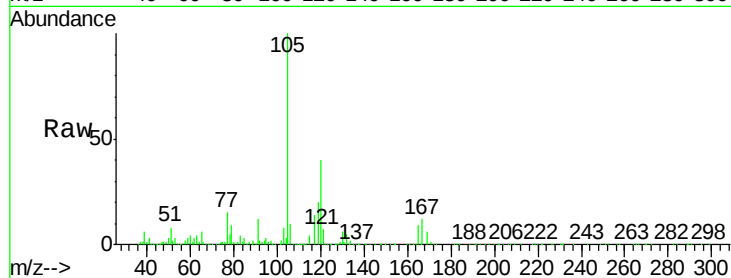




#83
 1,2,4-Trimethylbenzene
 Concen: 60.20 ug/l
 RT: 12.86 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

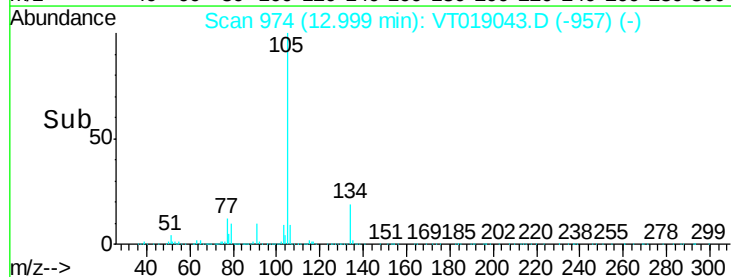
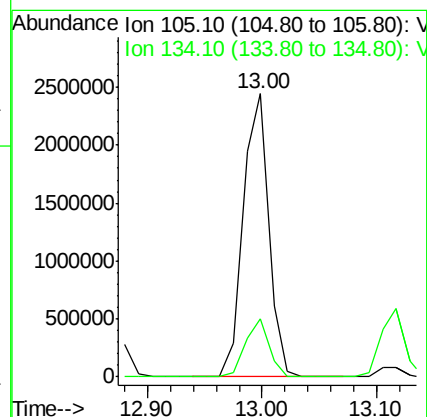
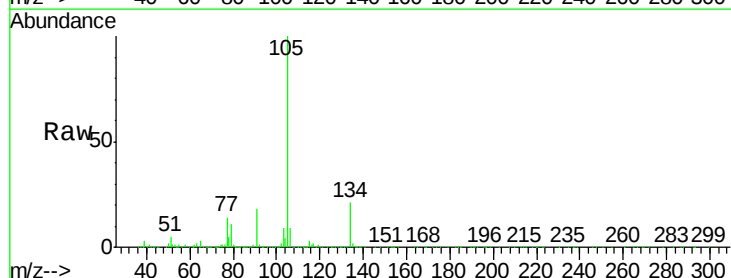
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

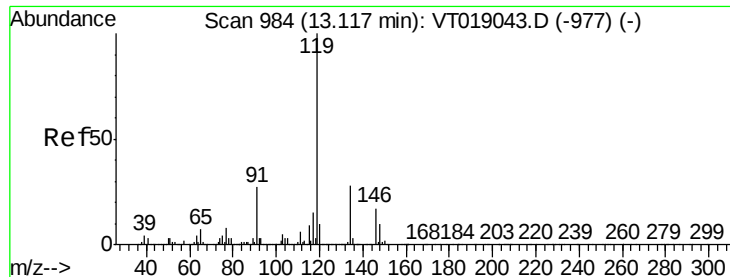
Tgt Ion:105 Resp: 3060545
 Ion Ratio Lower Upper
 105 100
 120 39.9 20.0 59.9



#84
 sec-Butylbenzene
 Concen: 59.81 ug/l
 RT: 13.00 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

Tgt Ion:105 Resp: 3787636
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2

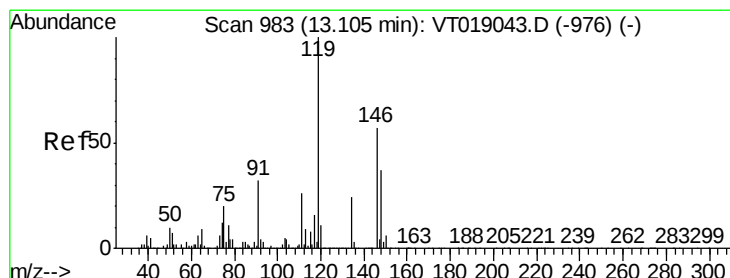
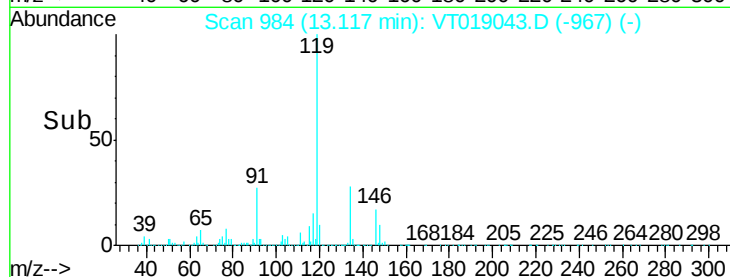
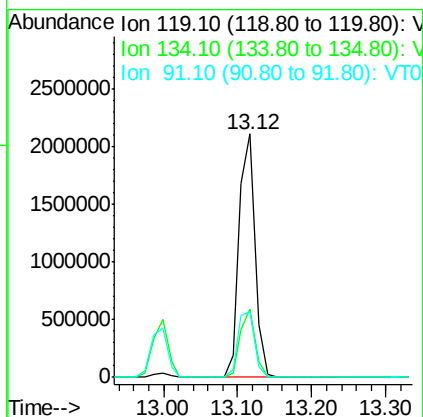
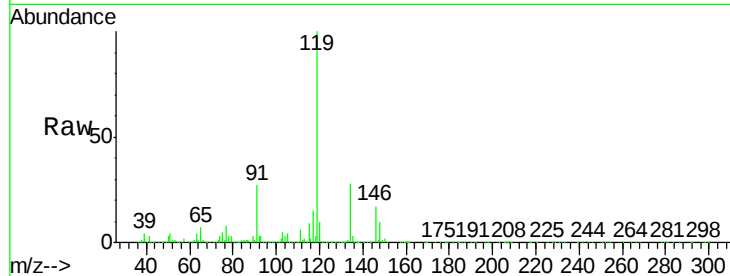




#85
p-Isopropyltoluene
Concen: 56.93 ug/l
RT: 13.12 min Scan# 984
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

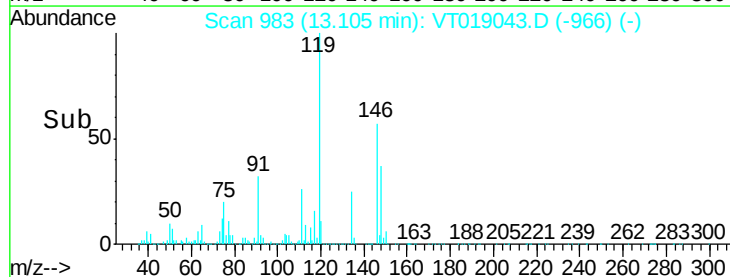
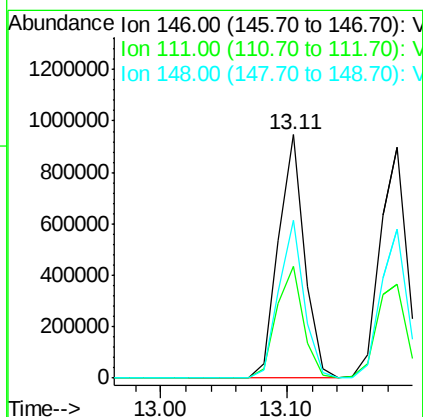
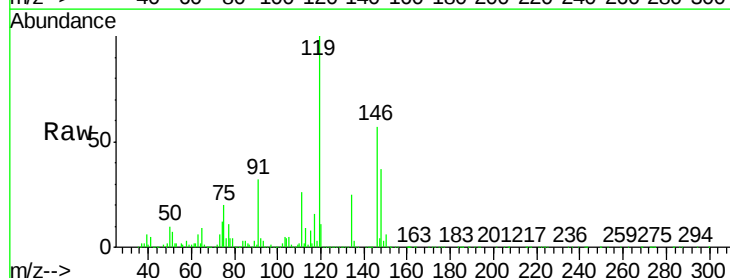
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

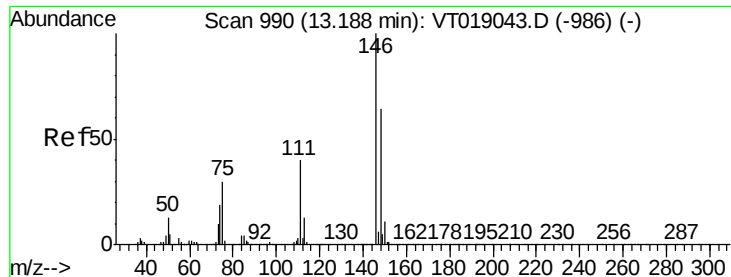
Tgt Ion:119 Resp: 3170626
Ion Ratio Lower Upper
119 100
134 28.2 14.1 42.3
91 26.9 13.5 40.4



#86
1,3-Dichlorobenzene
Concen: 50.73 ug/l
RT: 13.11 min Scan# 983
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion:146 Resp: 1370875
Ion Ratio Lower Upper
146 100
111 46.1 23.1 69.2
148 65.0 32.5 97.5

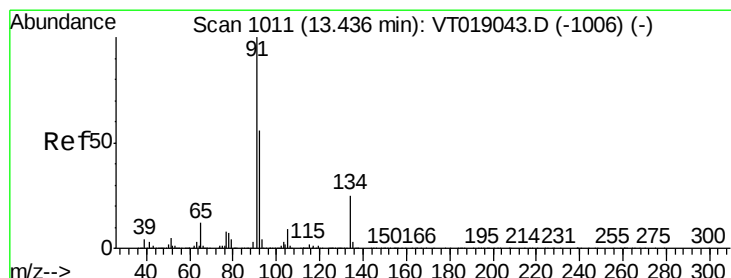
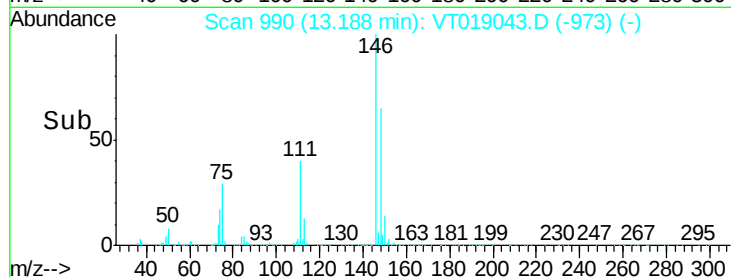
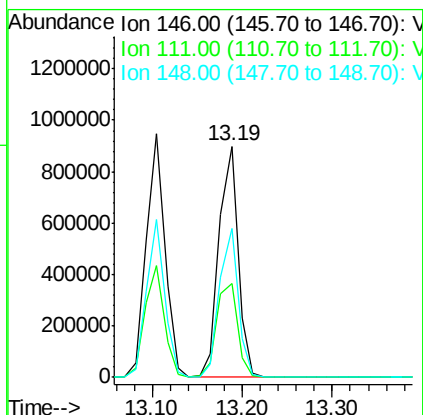
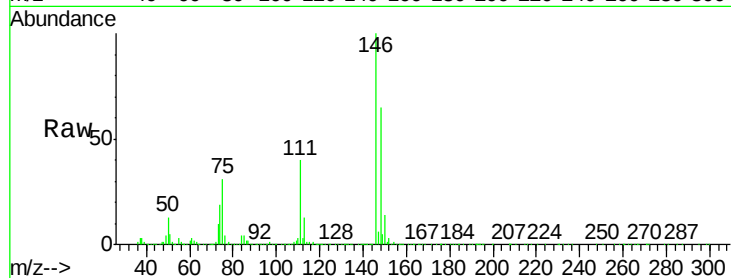




#87
 1,4-Dichlorobenzene
 Concen: 49.67 ug/l
 RT: 13.19 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

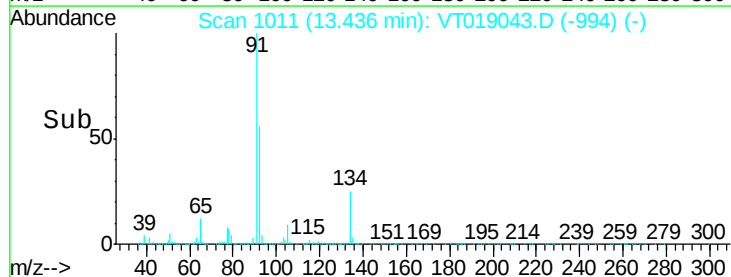
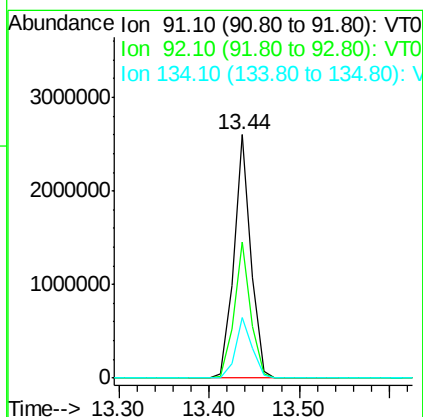
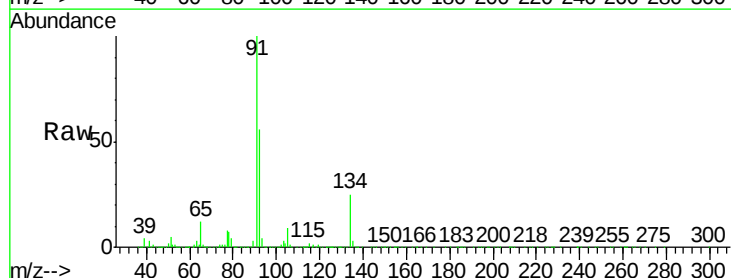
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

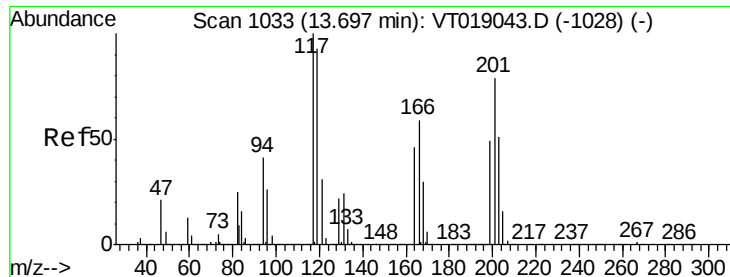
Tgt Ion:146 Resp: 1335406
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 64.5 32.3 96.8



#88
 n-Butylbenzene
 Concen: 65.96 ug/l
 RT: 13.44 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

Tgt Ion: 91 Resp: 3406993
 Ion Ratio Lower Upper
 91 100
 92 56.0 28.0 84.0
 134 24.7 12.4 37.0





#89

Hexachloroethane

Concen: 58.76 ug/l

RT: 13.70 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

Instrument :

MSVOA_T

ClientSampleId :

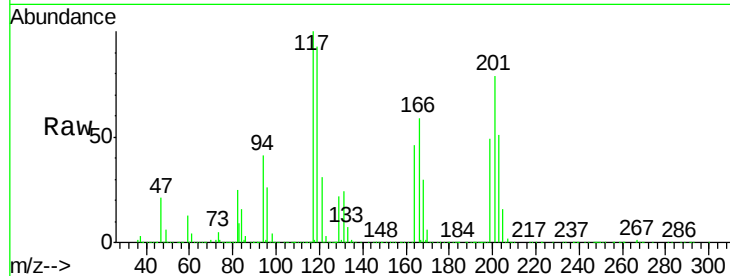
VSTDICCC050

Tgt Ion:117 Resp: 534156

Ion Ratio Lower Upper

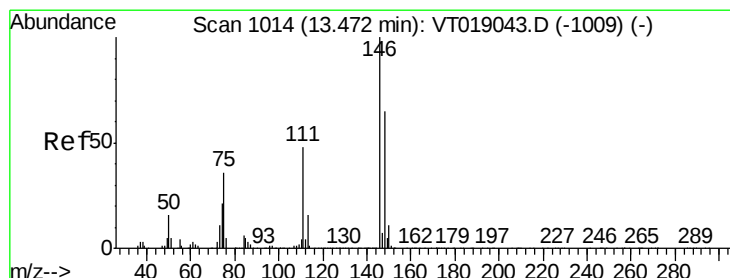
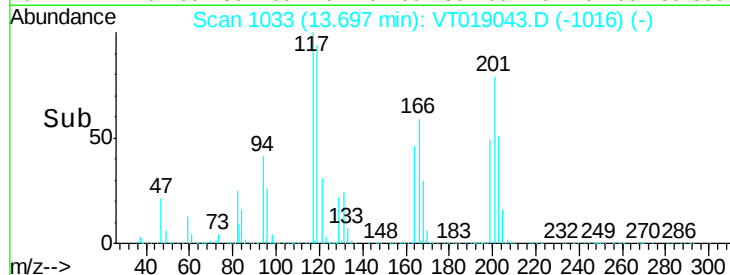
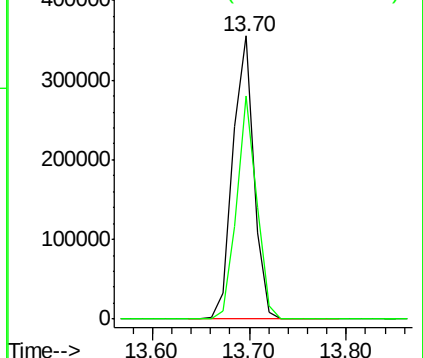
117 100

201 78.7 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: 48.82 ug/l

RT: 13.47 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VT019043.D

Acq: 8 May 2018 18:48

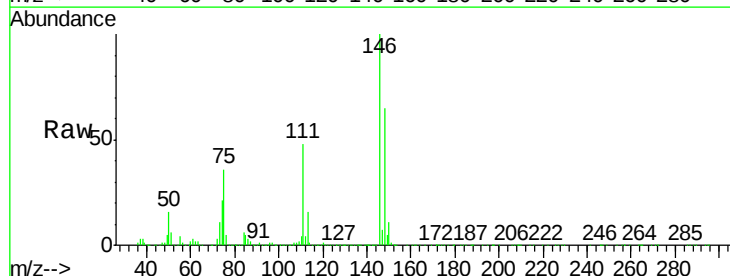
Tgt Ion:146 Resp: 1136148

Ion Ratio Lower Upper

146 100

111 47.5 23.8 71.2

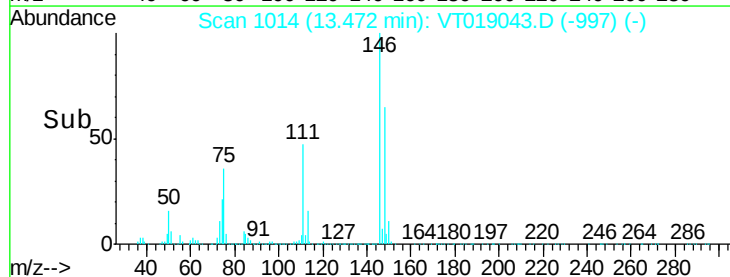
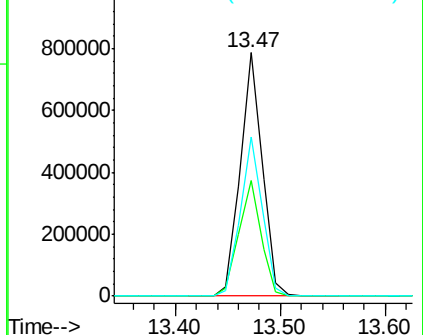
148 65.4 32.7 98.1

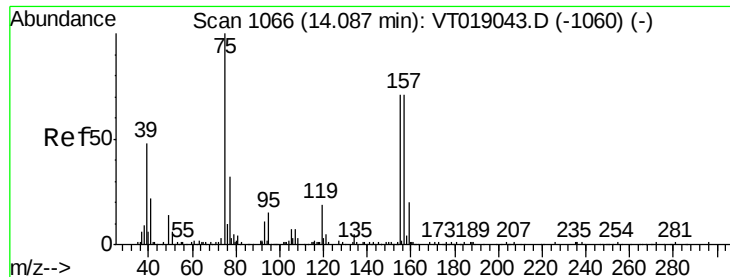


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

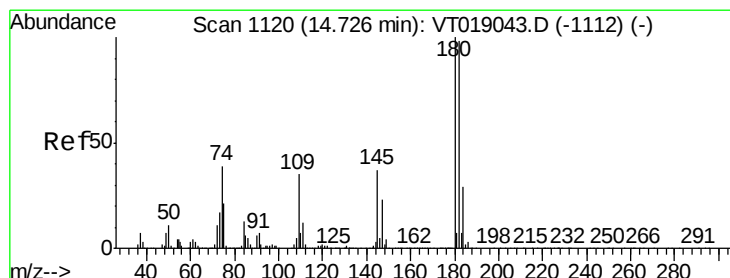
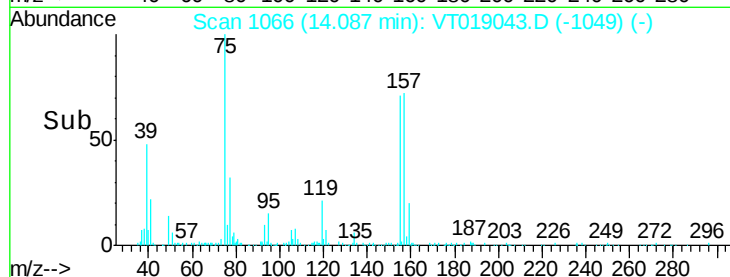
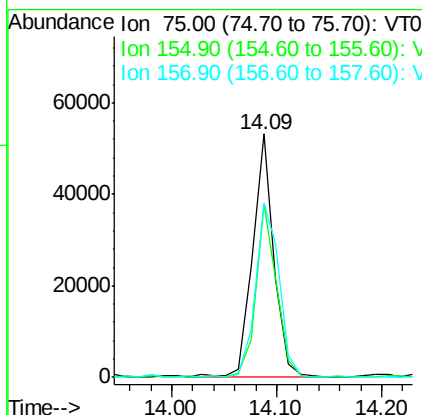
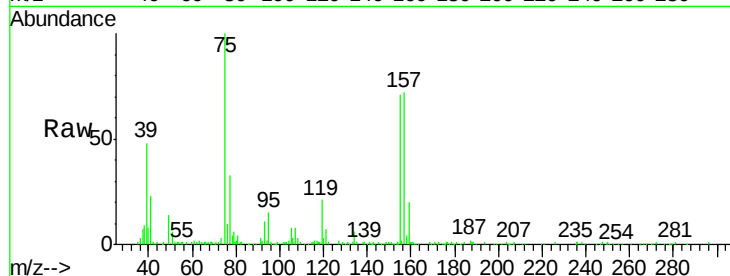




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 55.36 ug/l
 RT: 14.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

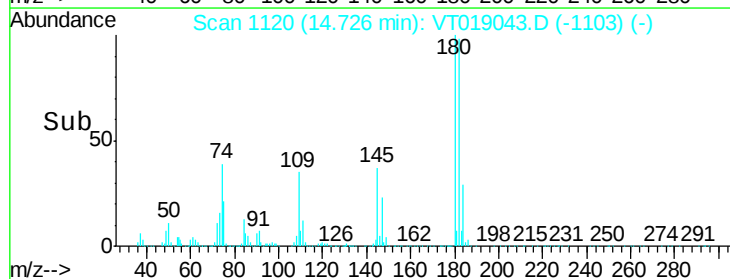
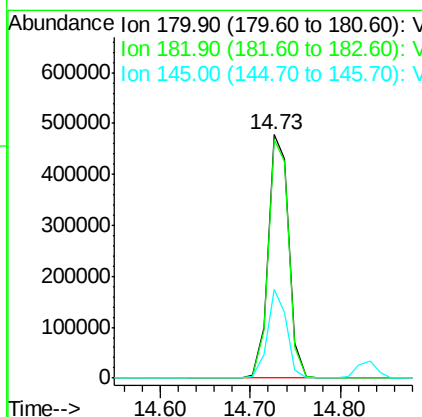
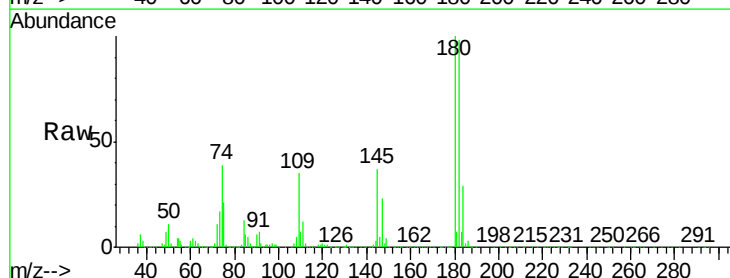
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

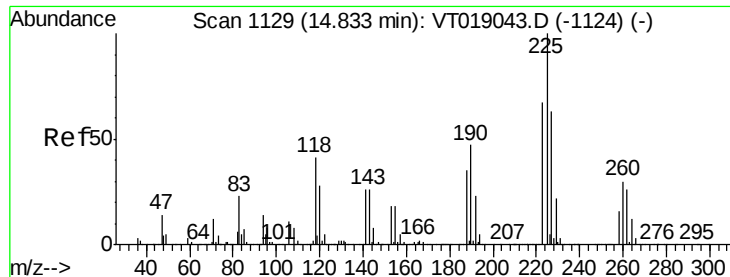
Tgt Ion: 75 Resp: 74906
 Ion Ratio Lower Upper
 75 100
 155 71.2 35.6 106.8
 157 71.5 35.8 107.3



#92
 1,2,4-Trichlorobenzene
 Concen: 49.64 ug/l
 RT: 14.73 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

Tgt Ion: 180 Resp: 772687
 Ion Ratio Lower Upper
 180 100
 182 98.0 49.0 147.0
 145 36.6 18.3 54.9

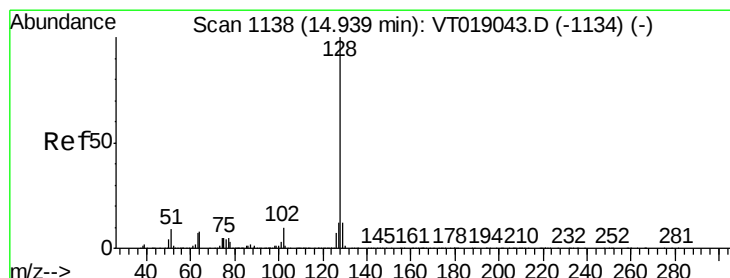
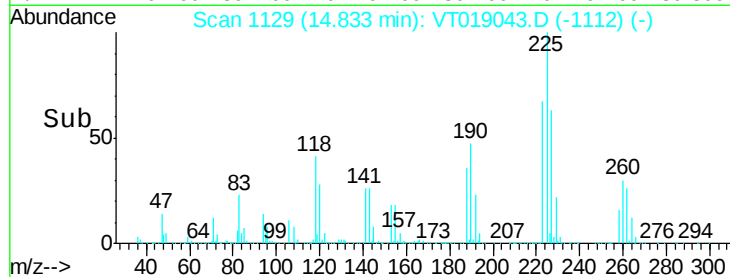
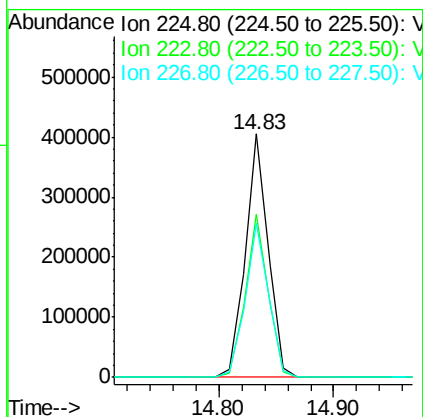
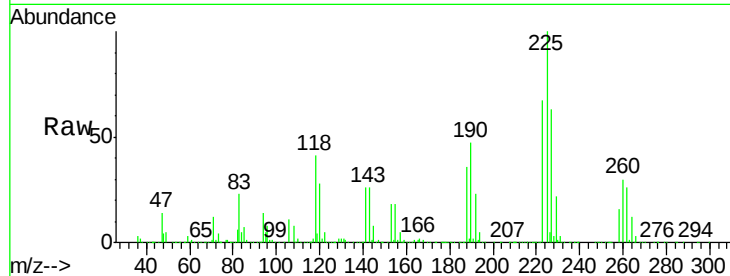




#93
Hexachlorobutadiene
Concen: 54.77 ug/l
RT: 14.83 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

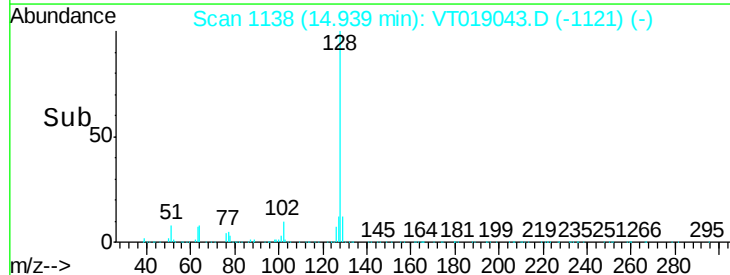
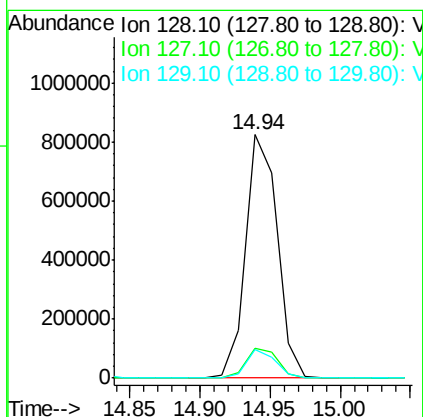
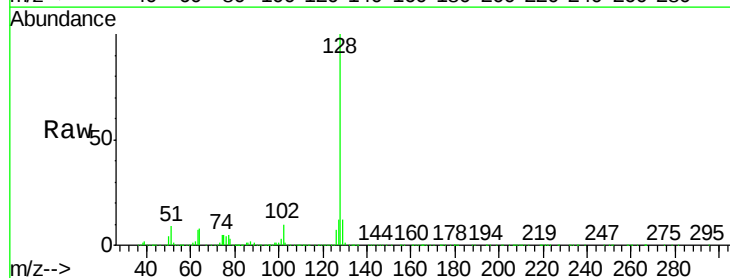
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

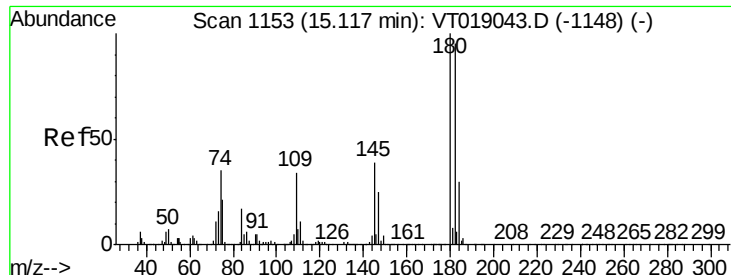
Tgt Ion:225 Resp: 560776
Ion Ratio Lower Upper
225 100
223 66.9 33.5 100.4
227 63.4 31.7 95.1



#94
Naphthalene
Concen: 50.31 ug/l
RT: 14.94 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VT019043.D
Acq: 8 May 2018 18:48

Tgt Ion:128 Resp: 1288372
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 11.6 9.3 13.9

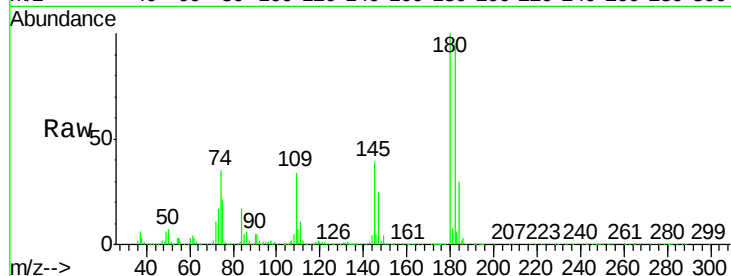




#95
 1,2,3-Trichlorobenzene
 Concen: 47.34 ug/l
 RT: 15.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VT019043.D
 Acq: 8 May 2018 18:48

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	38.7	19.4	58.1



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

