

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019049.D
 Acq On : 9 May 2018 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 14:27:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 04:36:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	1266219	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	2107715	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1750266	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	804691	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	568784	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
34) Dibromofluoromethane	7.35	113	602942	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
49) Toluene-d8	9.91	98	2652471	52.39	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.78%	
61) 4-Bromofluorobenzene	12.22	95	943609	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	828118	51.12	ug/l	96
3) Chloromethane	1.96	50	286294	51.86	ug/l	94
4) Vinyl Chloride	2.11	62	467153	52.30	ug/l	96
5) Bromomethane	2.46	94	345080	47.34	ug/l	92
6) Chloroethane	2.59	64	266014	48.54	ug/l	100
7) Trichlorofluoromethane	2.85	101	1265226m	52.75	ug/l	
8) Diethyl Ether	3.21	74	177984	48.89	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.59	101	623904	53.66	ug/l	97
10) Methyl Iodide	3.77	142	866122	51.34	ug/l	93
11) Tert butyl alcohol	4.53	59	110231	181.34	ug/l #	89
12) 1,1-Dichloroethene	3.56	96	549118	53.20	ug/l	97
13) Acrolein	3.39	56	64481	217.30	ug/l	95
14) Allyl chloride	4.06	41	1218800	54.72	ug/l	95
15) Acrylonitrile	4.70	53	546627	233.45	ug/l	97
16) Acetone	3.60	43	345497	270.78	ug/l	95
17) Carbon Disulfide	4.06	76	2466257m	57.89	ug/l	
18) Methyl Acetate	4.08	43	281339	42.92	ug/l	100
19) Methyl tert-butyl Ether	4.76	73	1238217	47.87	ug/l	97
20) Methylene Chloride	4.28	84	649042	47.23	ug/l	97
21) trans-1,2-Dichloroethene	4.75	96	824050	54.07	ug/l	95
22) Diisopropyl ether	5.67	45	2052128	49.67	ug/l	99
23) Vinyl Acetate	5.61	43	4493331	245.07	ug/l	99
24) 1,1-Dichloroethane	5.56	63	1489338	51.57	ug/l	98
25) 2-Butanone	6.57	43	703568	244.87	ug/l	94
26) 2,2-Dichloropropane	6.55	77	704983	60.49	ug/l	99
27) cis-1,2-Dichloroethene	6.56	96	800129	53.44	ug/l	98
28) Bromochloromethane	6.94	49	490262	51.12	ug/l	97
29) Chloroform	7.13	83	1351289	49.99	ug/l	99
30) Cyclohexane	7.43	56	1573590	50.27	ug/l	97
31) 1,1,1-Trichloroethane	7.33	97	1145148	54.83	ug/l	97
35) 1,1-Dichloropropene	7.56	75	1311152	53.99	ug/l	98
36) Ethyl Acetate	6.67	43	270768	43.26	ug/l #	97
37) Carbon Tetrachloride	7.54	117	1006919	50.73	ug/l	98
38) Methylcyclohexane	8.88	83	1595891	55.05	ug/l	99

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019049.D
 Acq On : 9 May 2018 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA T/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 14:27:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 04:36:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	3293622	51.91	ug/l	99
40) Methacrylonitrile	6.92	41	154183	44.61	ug/l	96
41) 1,2-Dichloroethane	7.91	62	651754	47.29	ug/l	99
42) Isopropyl Acetate	7.96	43	483533	44.86	ug/l	97
43) Trichloroethene	8.63	130	770464	52.79	ug/l	99
44) 1,2-Dichloropropane	8.92	63	752674	50.60	ug/l	99
45) Dibromomethane	9.01	93	279263	47.75	ug/l	98
46) Bromodichloromethane	9.21	83	851674	50.11	ug/l	95
47) Methyl methacrylate	9.01	41	260103	46.69	ug/l	96
48) 1,4-Dioxane	9.01	88	58282	865.25	ug/l	94
50) 4-Methyl-2-Pentanone	9.80	43	1334248	225.76	ug/l	99
51) Toluene	9.97	92	1961224	53.48	ug/l	99
52) t-1,3-Dichloropropene	10.19	75	793291	51.34	ug/l	97
53) cis-1,3-Dichloropropene	9.65	75	1033204	52.50	ug/l	94
54) 1,1,2-Trichloroethane	10.38	97	410267	46.20	ug/l	99
55) Ethyl methacrylate	10.25	69	512965	48.21	ug/l	96
56) 1,3-Dichloropropane	10.53	76	769166	48.42	ug/l	95
57) 2-Chloroethyl Vinyl ether	9.51	63	1169385	238.52	ug/l	98
58) 2-Hexanone	10.57	43	1053817	245.92	ug/l	95
59) Dibromochloromethane	10.73	129	447803	48.49	ug/l	95
60) 1,2-Dibromoethane	10.82	107	374043	48.73	ug/l	97
63) Tetrachloroethene	10.45	164	622353	51.96	ug/l	97
64) Chlorobenzene	11.25	112	1902449	52.48	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.33	131	616910	52.43	ug/l	100
66) Ethyl Benzene	11.33	91	3955551	56.90	ug/l	99
67) m/p-Xylenes	11.45	106	2829621	109.46	ug/l	99
68) o-Xylene	11.77	106	1318738	54.38	ug/l	96
69) Stvrene	11.79	104	2041940	54.38	ug/l	99
70) Bromoform	11.95	173	221227	49.48	ug/l	99
72) Isopropylbenzene	12.08	105	3856037	59.35	ug/l	99
73) N-amyl acetate	11.90	43	523649	48.89	ug/l	97
74) 1,1,2,2-Tetrachloroethane	12.32	83	471747	49.34	ug/l	100
75) 1,2,3-Trichloropropane	12.37	75	342691m	50.07	ug/l	
76) Bromobenzene	12.35	156	676391	52.57	ug/l	96
77) n-propylbenzene	12.42	91	4794893	55.03	ug/l	99
78) 2-Chlorotoluene	12.49	91	2717774	57.00	ug/l	99
79) 1,3,5-Trimethylbenzene	12.56	105	3285482	58.25	ug/l	99
80) trans-1,4-Dichloro-2-buten	12.12	75	133383	51.82	ug/l	96
81) 4-Chlorotoluene	12.60	91	3246153	56.03	ug/l	99
82) tert-Butylbenzene	12.82	119	3461532	70.42	ug/l	100
83) 1,2,4-Trimethylbenzene	12.86	105	3276654	57.29	ug/l	99
84) sec-Butylbenzene	13.00	105	4077137	58.87	ug/l	100
85) p-Isopropyltoluene	13.12	119	3460311	59.43	ug/l	98
86) 1,3-Dichlorobenzene	13.11	146	1428938	52.64	ug/l	98
87) 1,4-Dichlorobenzene	13.19	146	1387072	52.57	ug/l	99
88) n-Butylbenzene	13.44	91	3679643	58.98	ug/l	99
89) Hexachloroethane	13.70	117	572658	56.70	ug/l	96
90) 1,2-Dichlorobenzene	13.47	146	1161639	51.19	ug/l	98
91) 1,2-Dibromo-3-Chloropropan	14.09	75	67492	48.98	ug/l	92
92) 1,2,4-Trichlorobenzene	14.73	180	767901	50.64	ug/l	96

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
Data File : VT019049.D
Acq On : 9 May 2018 10:08
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA T/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

Quant Time: May 09 14:27:56 2018
Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
Quant Title : SW846 8260
QLast Update : Wed May 09 04:36:54 2018
Response via : Initial Calibration

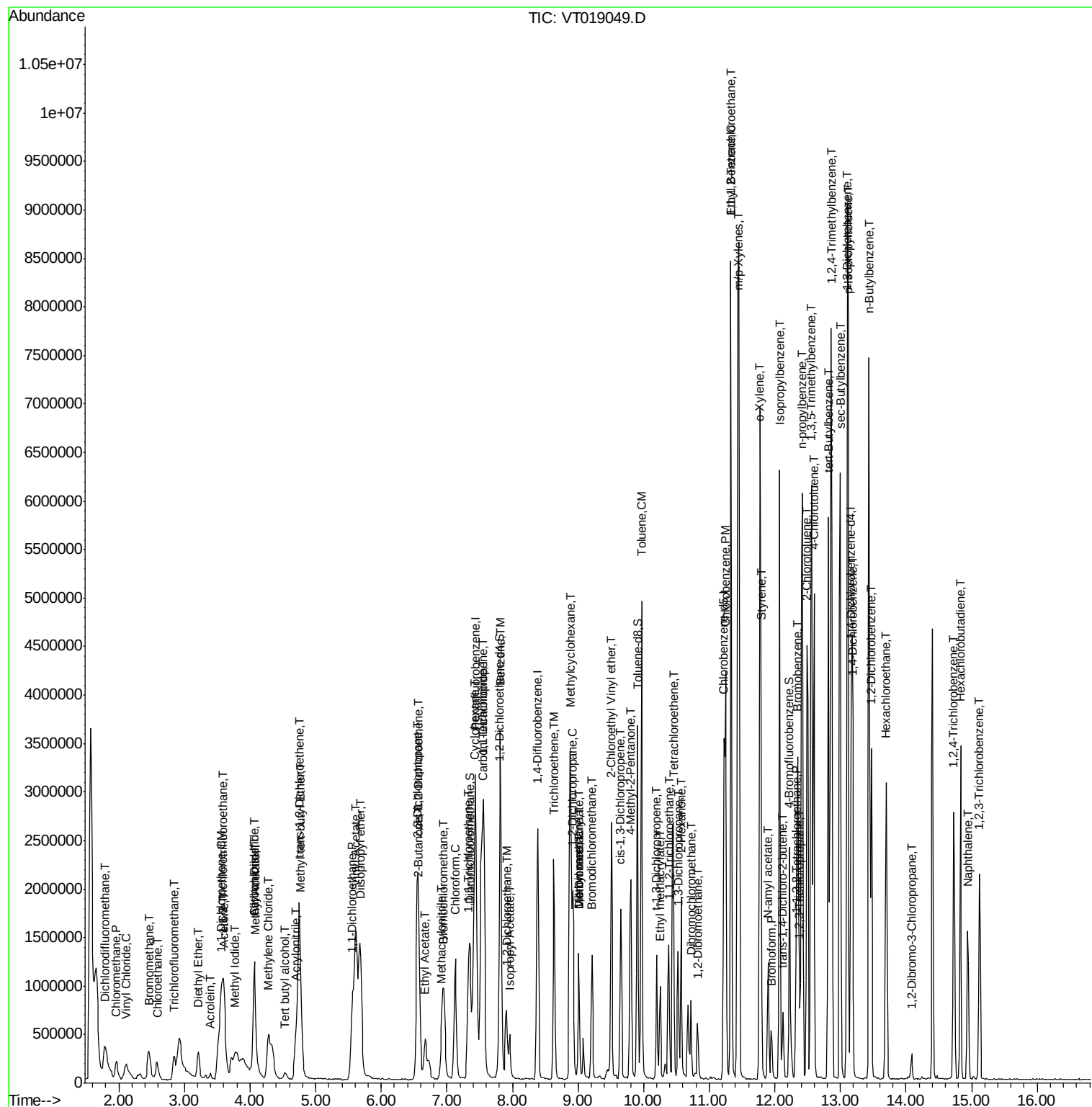
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	589392	53.20	ug/l	96
94) Naphthalene	14.94	128	1143116	46.66	ug/l	98
95) 1,2,3-Trichlorobenzene	15.12	180	590991	47.21	ug/l	99

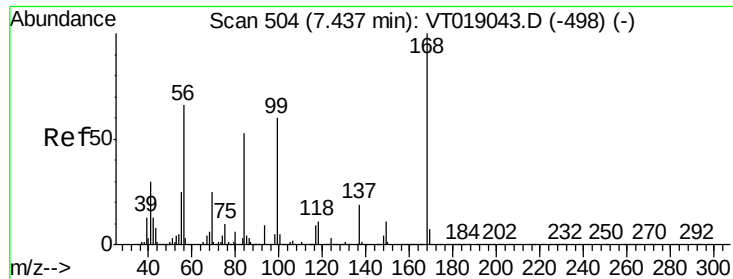
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019049.D
 Acq On : 9 May 2018 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA T/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 14:27:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 04:36:54 2018
 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: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

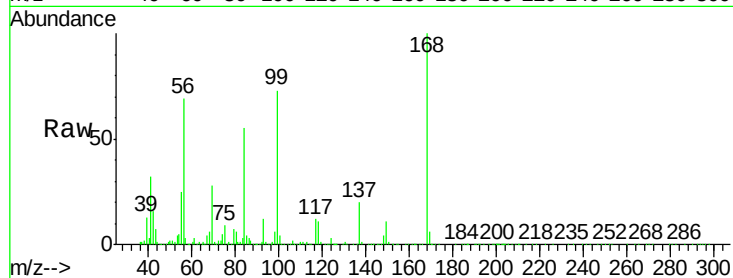
VSTDCCC050

Tot Ion:168 Resp: 1266219

Ion Ratio Lower Upper

168 100

99 72.5 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.44

600000

500000

400000

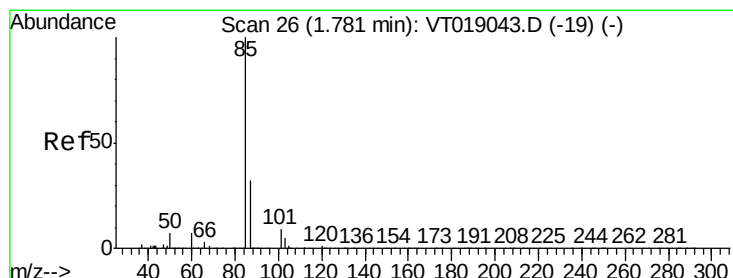
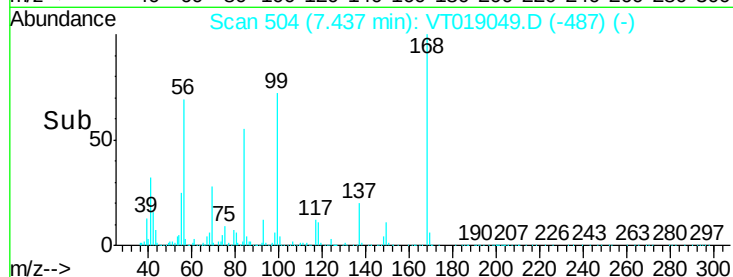
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.12 ug/l

RT: 1.78 min Scan# 26

Delta R.T. -0.00 min

Lab File: VT019049.D

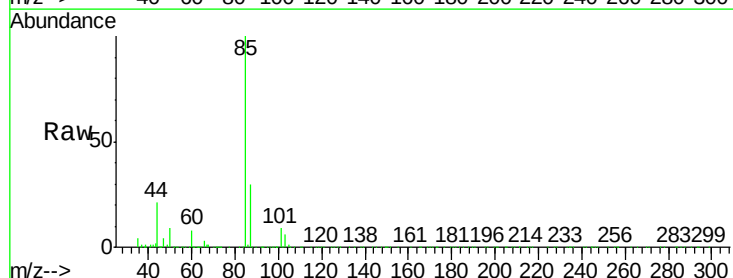
Acq: 9 May 2018 10:08

Tgt Ion: 85 Resp: 828118

Ion Ratio Lower Upper

85 100

87 30.0 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VT0

Ion 87.00 (86.70 to 87.70): VT0

1.78

200000

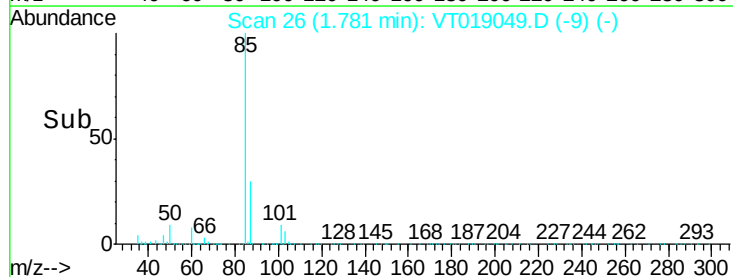
150000

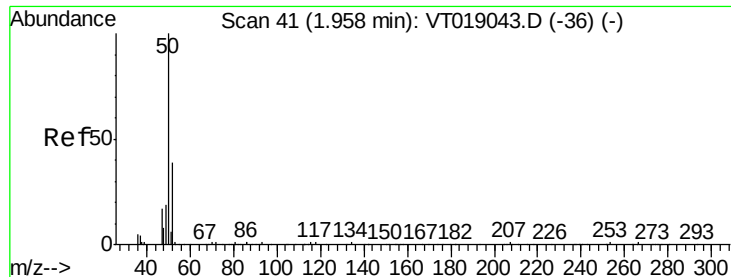
100000

50000

0

Time-->

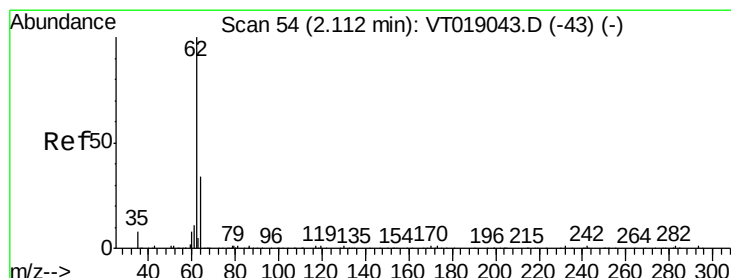
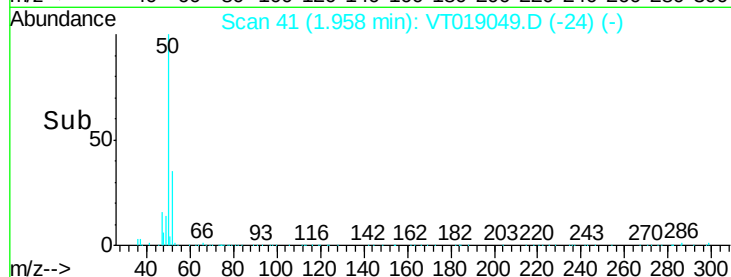
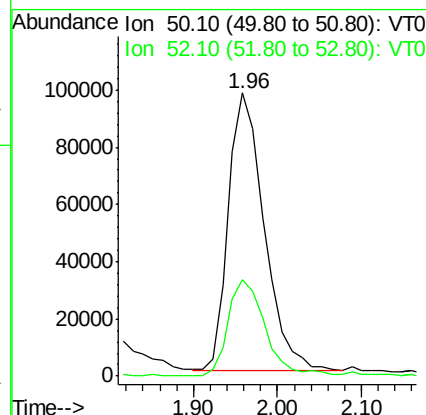
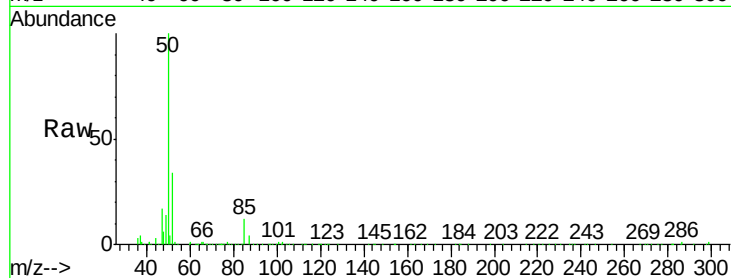




#3
Chloromethane
Concen: 51.86 ug/l
RT: 1.96 min Scan# 41
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

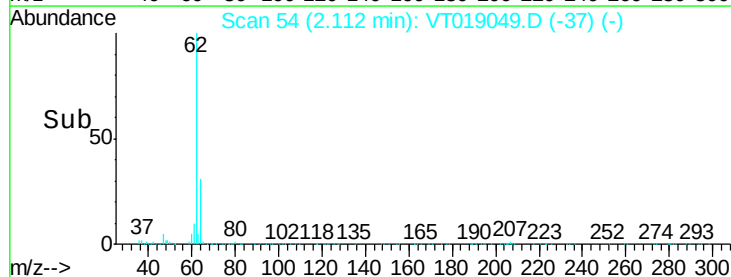
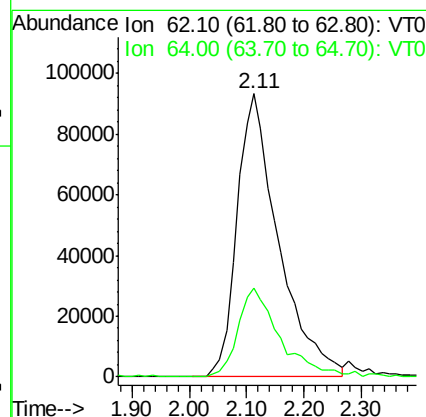
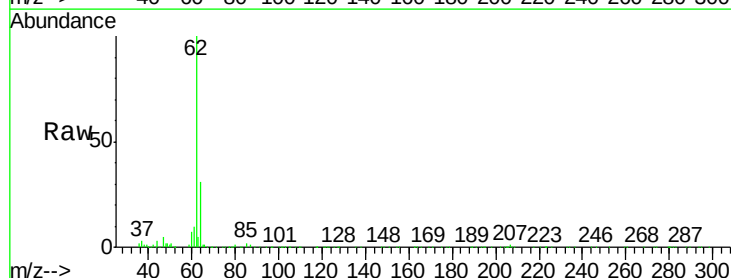
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

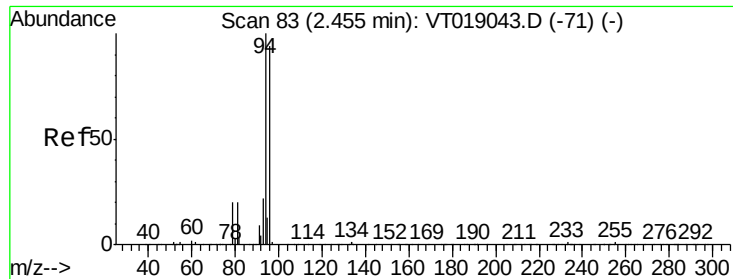
Tot Ion: 50 Resp: 286294
Ion Ratio Lower Upper
50 100
52 34.0 30.1 45.1



#4
Vinyl Chloride
Concen: 52.30 ug/l
RT: 2.11 min Scan# 54
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion: 62 Resp: 467153
Ion Ratio Lower Upper
62 100
64 31.4 27.0 40.4





#5

Bromomethane

Concen: 47.34 ug/l

RT: 2.46 min Scan# 83

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

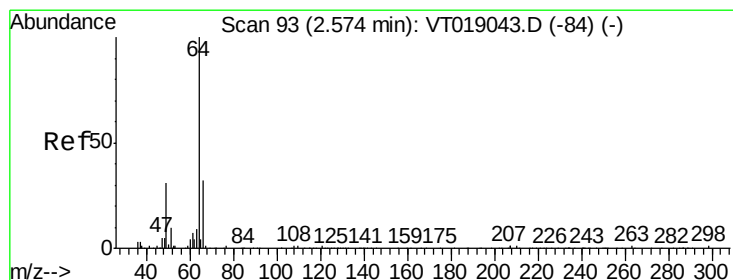
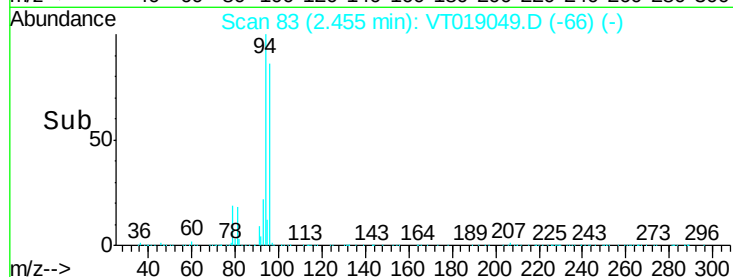
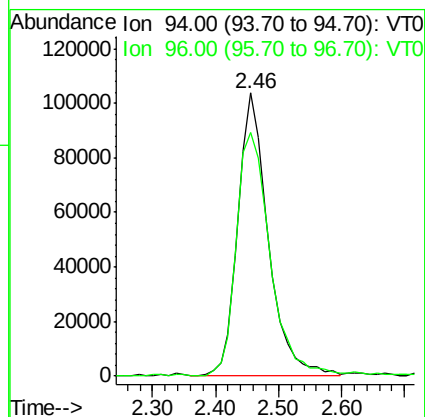
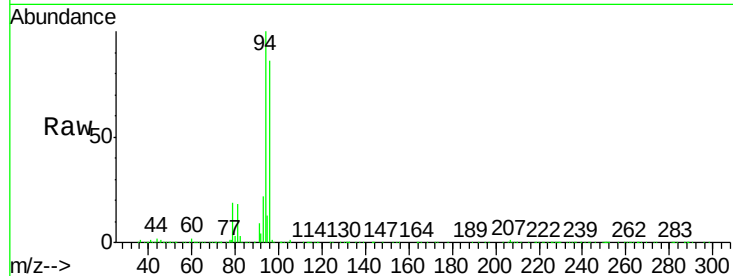
VSTDCCC050

Tot Ion: 94 Resp: 345080

Ion Ratio Lower Upper

94 100

96 85.9 75.3 112.9



#6

Chloroethane

Concen: 48.54 ug/l

RT: 2.59 min Scan# 94

Delta R.T. 0.01 min

Lab File: VT019049.D

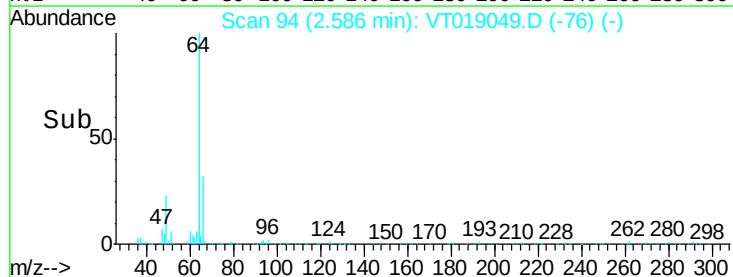
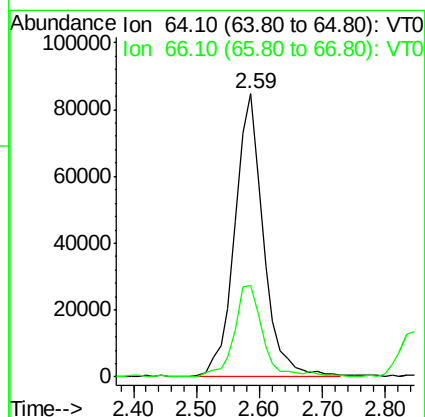
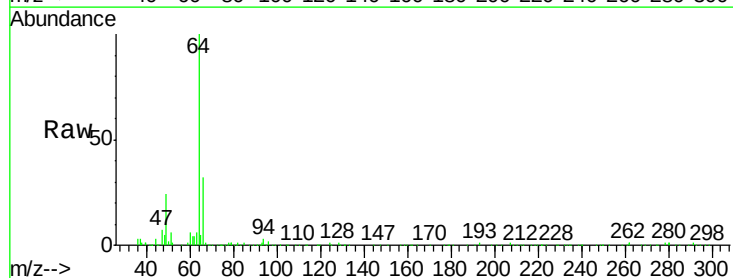
Acq: 9 May 2018 10:08

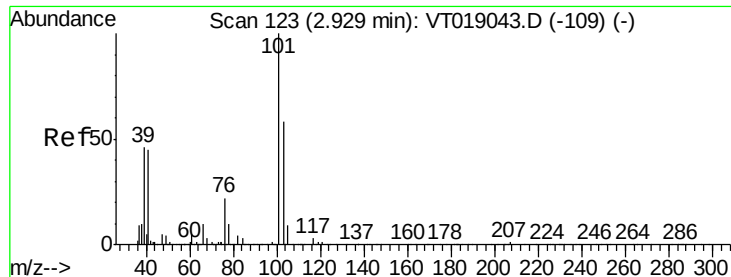
Tgt Ion: 64 Resp: 266014

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8



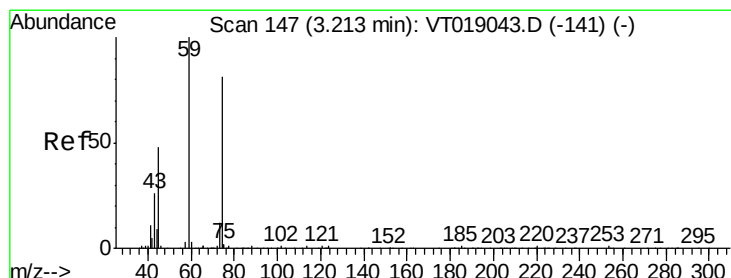
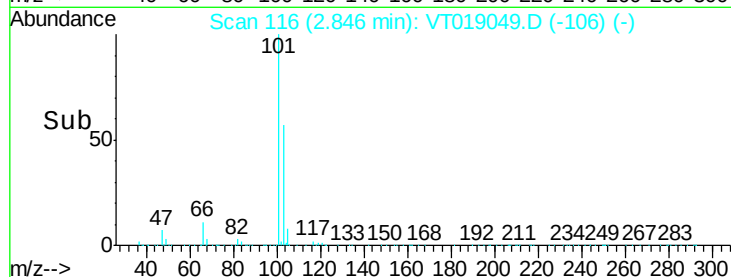
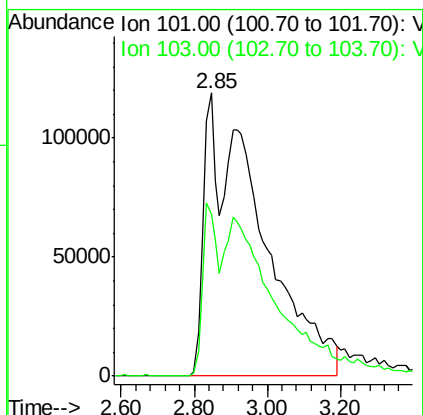
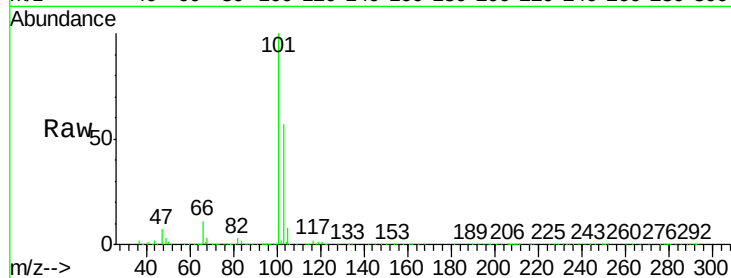


#7

Trichlorofluoromethane
Concen: 52.75 ug/l m
RT: 2.85 min Scan# 116
Delta R.T. -0.08 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

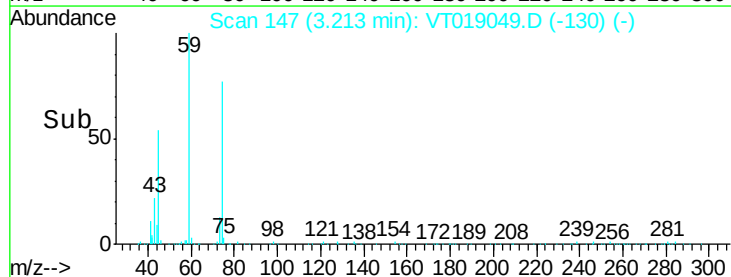
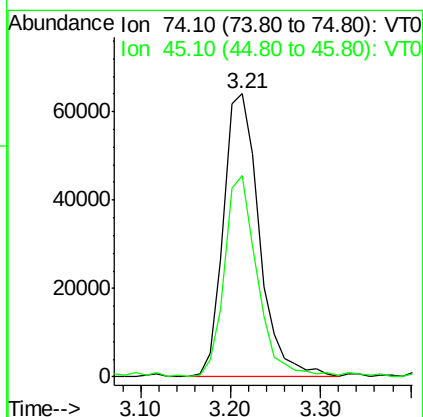
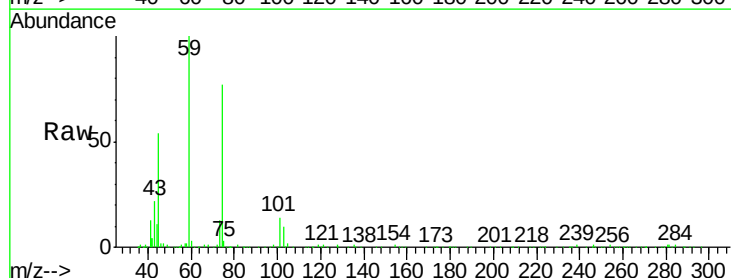
Tot Ion:101 Resp: 1265226
Ion Ratio Lower Upper
101 100
103 57.0 46.5 69.7

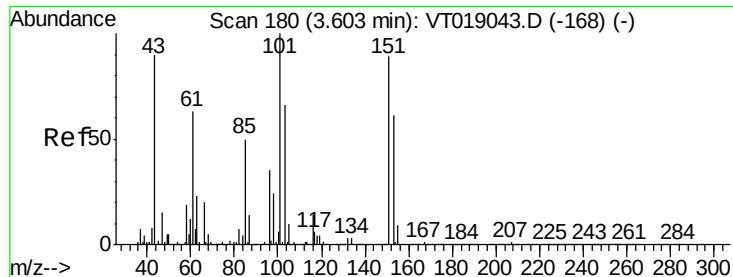


#8

Diethyl Ether
Concen: 48.89 ug/l
RT: 3.21 min Scan# 147
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion: 74 Resp: 177984
Ion Ratio Lower Upper
74 100
45 71.1 29.8 89.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.66 ug/l

RT: 3.59 min Scan# 179

Delta R.T. -0.01 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

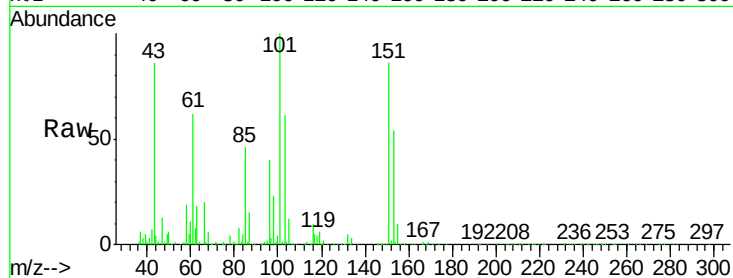
Tot Ion:101 Resp: 623904

Ion Ratio Lower Upper

101 100

85 45.8 39.5 59.3

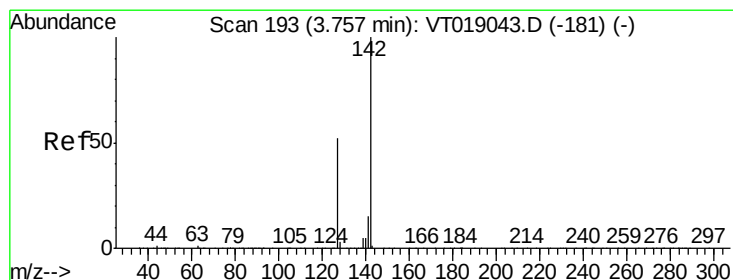
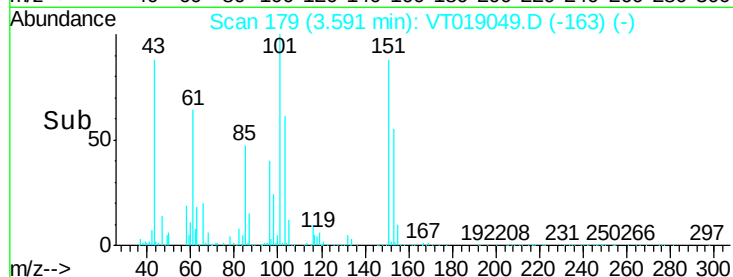
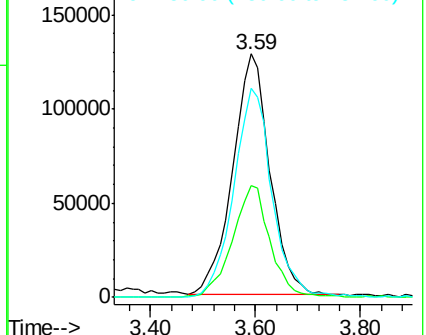
151 86.0 69.9 104.9



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: 51.34 ug/l

RT: 3.77 min Scan# 194

Delta R.T. 0.01 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

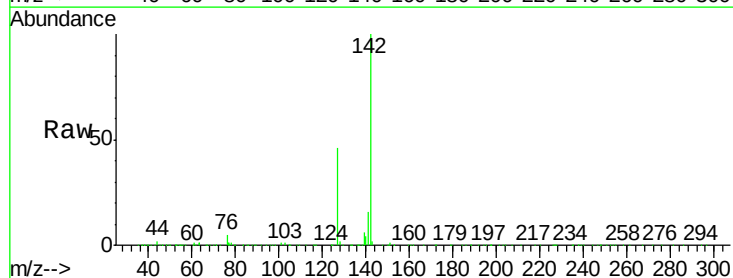
Tgt Ion:142 Resp: 866122

Ion Ratio Lower Upper

142 100

127 46.1 41.8 62.8

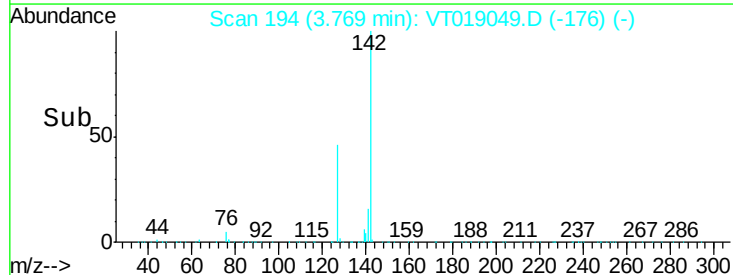
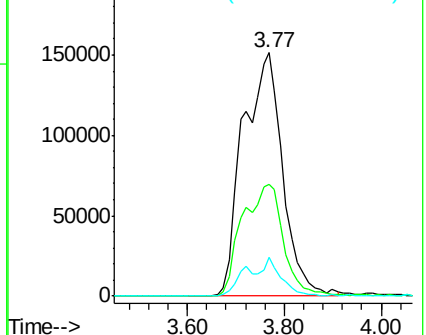
141 15.8 12.0 18.0

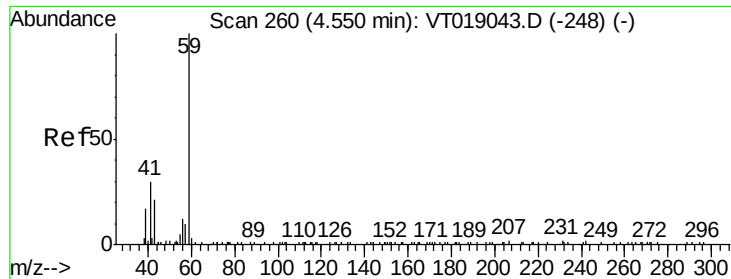


Abundance Ion 141.90 (141.60 to 142.60): V

Ion 126.90 (126.60 to 127.60): V

Ion 140.90 (140.60 to 141.60): V



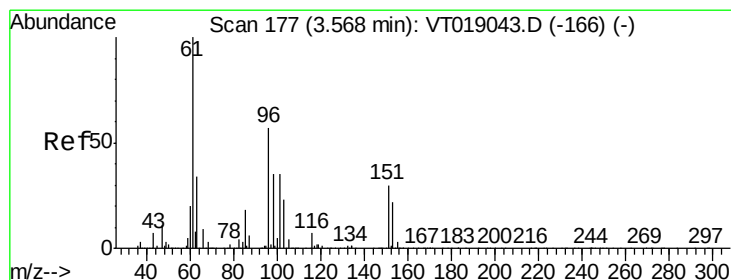
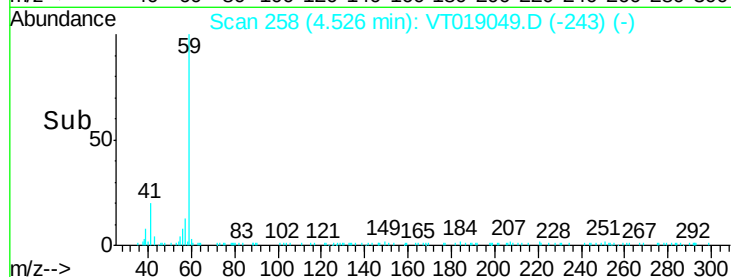
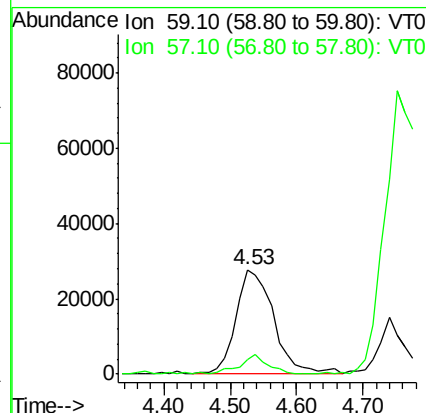
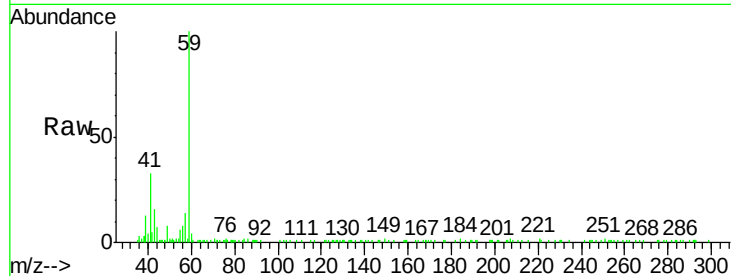


#11

Tert butyl alcohol
 Concen: 181.34 ug/l
 RT: 4.53 min Scan# 258
 Delta R.T. -0.02 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

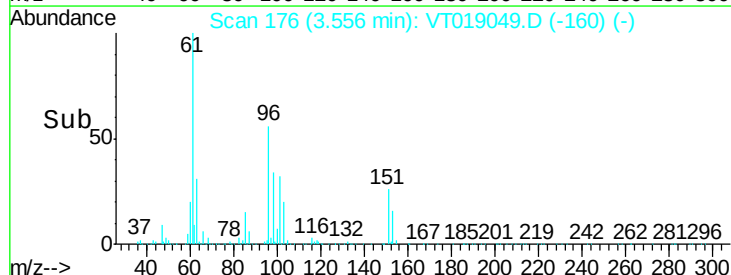
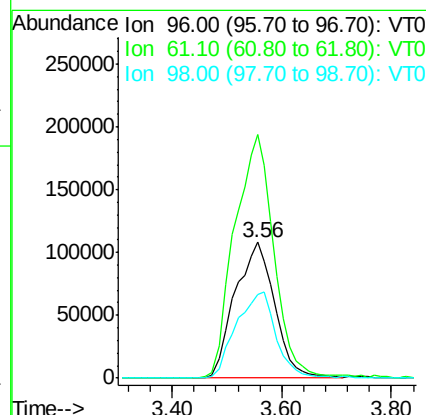
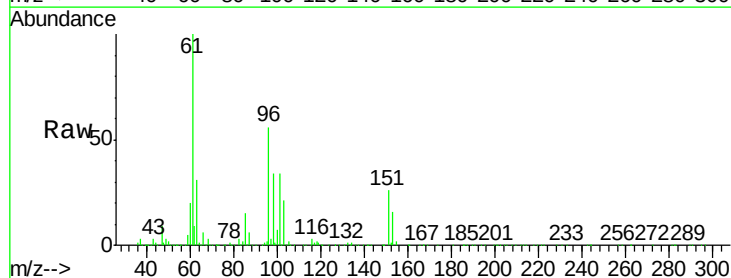
Tot Ion: 59 Resp: 110231
 Ion Ratio Lower Upper
 59 100
 57 13.7 7.7 11.5#

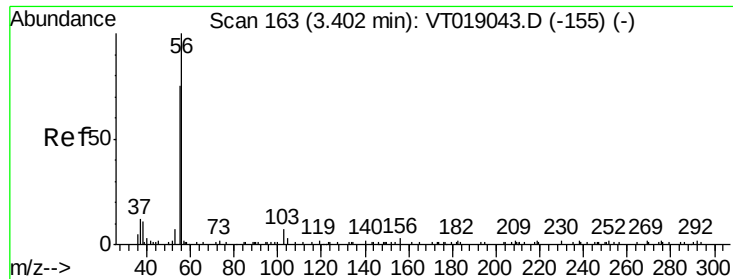


#12

1,1-Dichloroethene
 Concen: 53.20 ug/l
 RT: 3.56 min Scan# 176
 Delta R.T. -0.01 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

Tgt Ion: 96 Resp: 549118
 Ion Ratio Lower Upper
 96 100
 61 179.0 139.4 209.2
 98 61.1 49.4 74.2

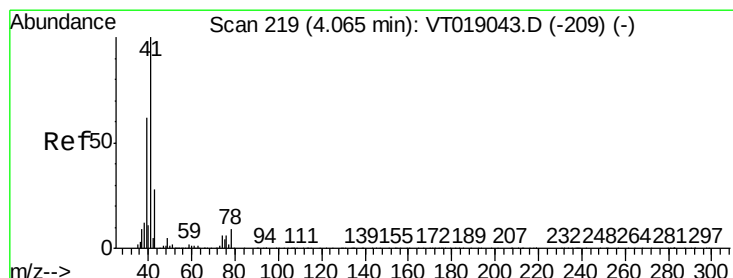
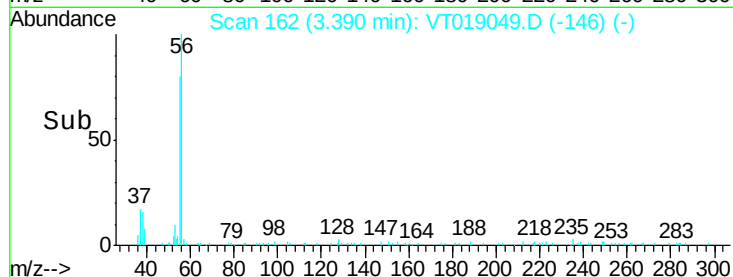
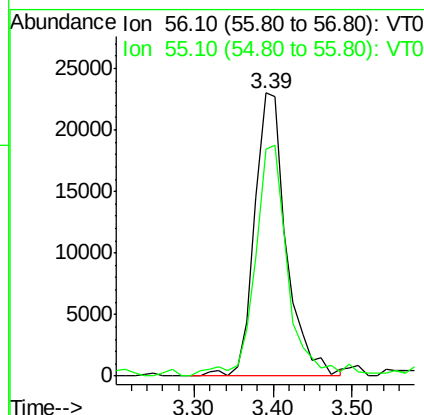
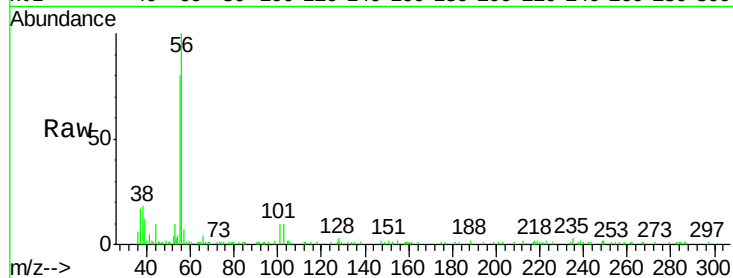




#13
Acrolein
Concen: 217.30 ug/l
RT: 3.39 min Scan# 162
Delta R.T. -0.01 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

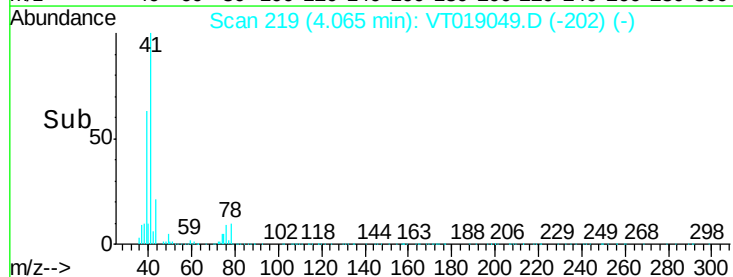
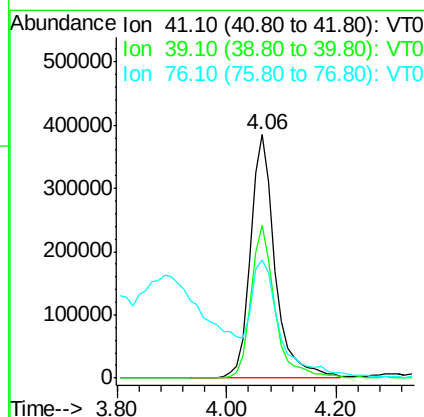
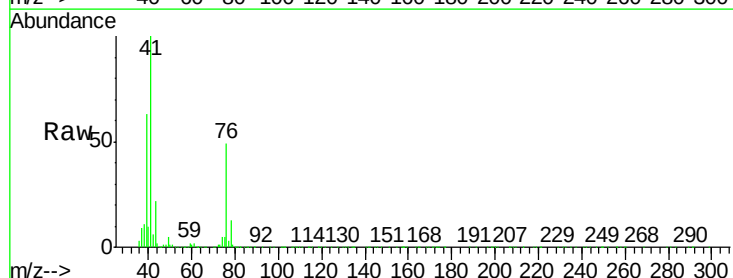
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

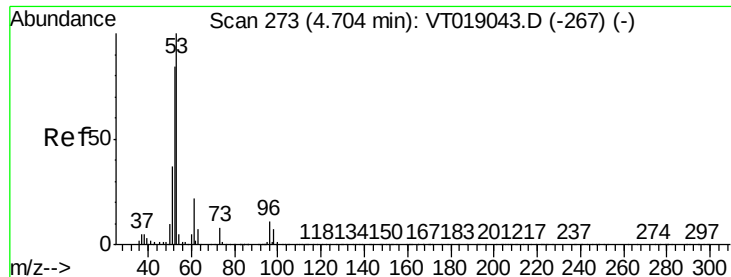
Tot Ion: 56 Resp: 64481
Ion Ratio Lower Upper
56 100
55 80.1 60.8 91.2



#14
Allyl chloride
Concen: 54.72 ug/l
RT: 4.06 min Scan# 219
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion: 41 Resp: 1218800
Ion Ratio Lower Upper
41 100
39 63.0 49.5 74.3
76 48.6 44.0 66.0





#15

Acrylonitrile

Concen: 233.45 ug/l

RT: 4.70 min Scan# 273

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

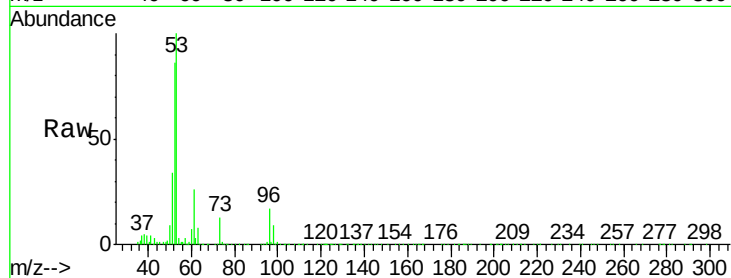
Tot Ion: 53 Resp: 546627

Ion Ratio Lower Upper

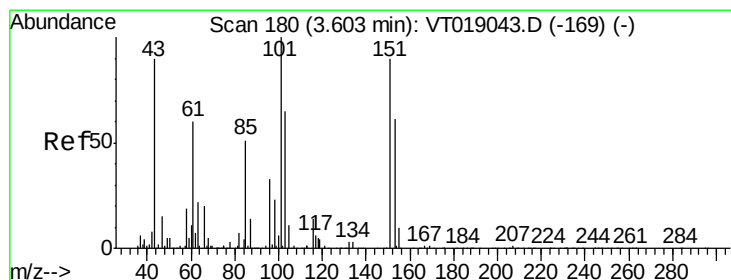
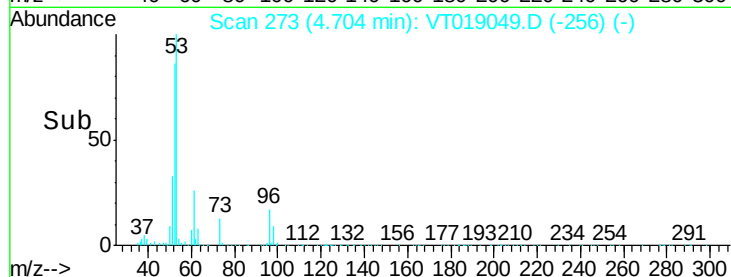
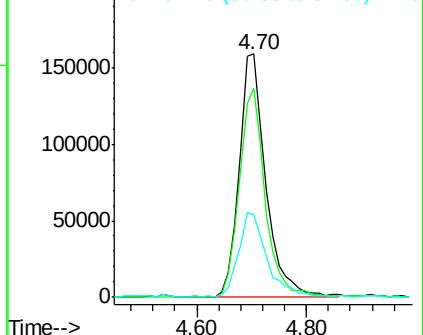
53 100

52 85.7 67.4 101.0

51 33.9 29.6 44.4



Abundance Ion 53.10 (52.80 to 53.80): VT0
Ion 52.10 (51.80 to 52.80): VT0
Ion 51.10 (50.80 to 51.80): VT0



#16

Acetone

Concen: 270.78 ug/l

RT: 3.60 min Scan# 180

Delta R.T. -0.00 min

Lab File: VT019049.D

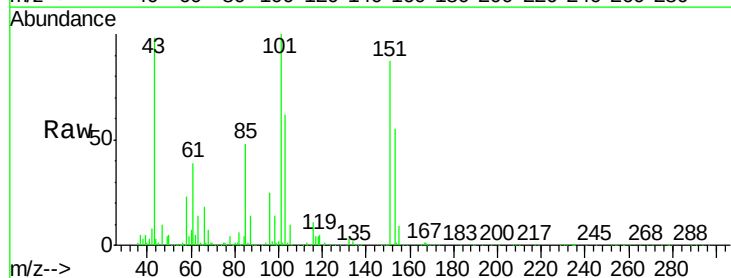
Acq: 9 May 2018 10:08

Tgt Ion: 43 Resp: 345497

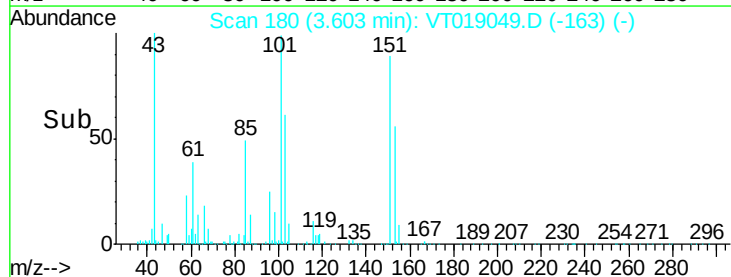
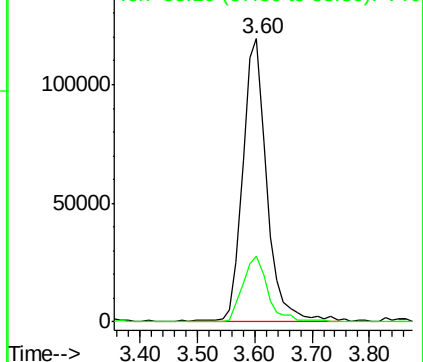
Ion Ratio Lower Upper

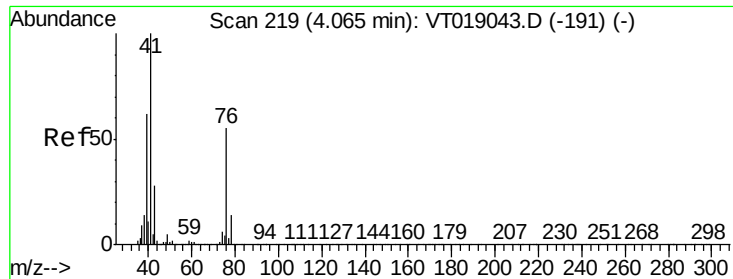
43 100

58 23.4 16.7 25.1



Abundance Ion 43.10 (42.80 to 43.80): VT0
Ion 58.10 (57.80 to 58.80): VT0

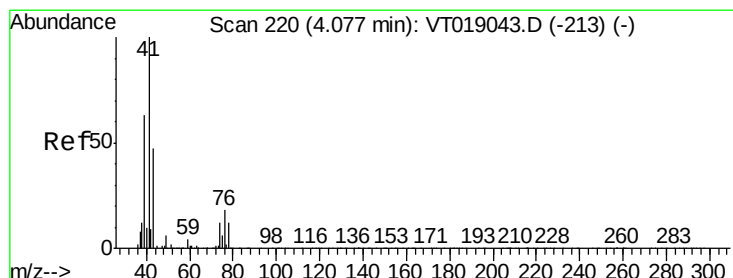
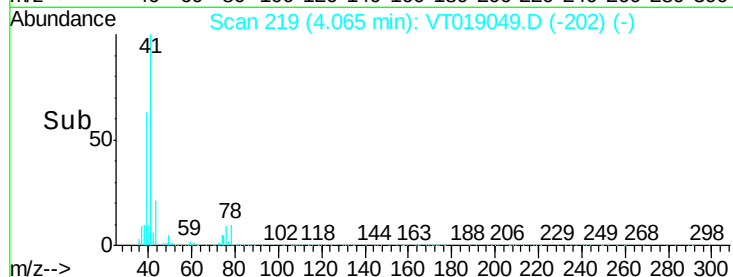
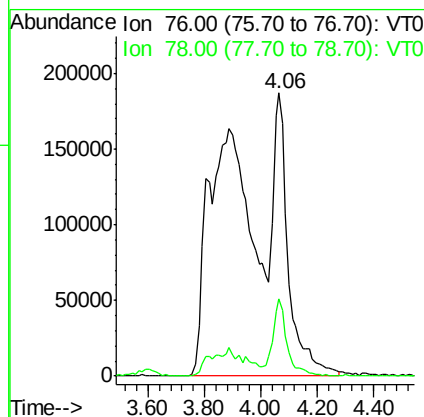
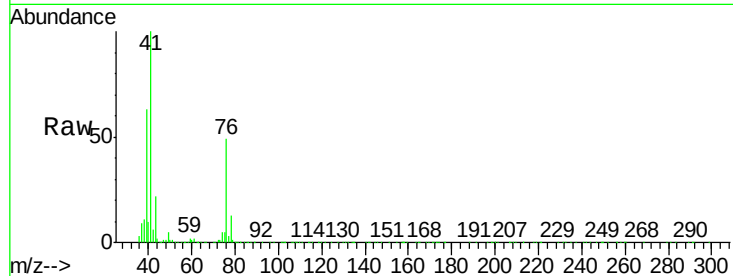




#17
Carbon Disulfide
Concen: 57.89 ug/l m
RT: 4.06 min Scan# 219
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

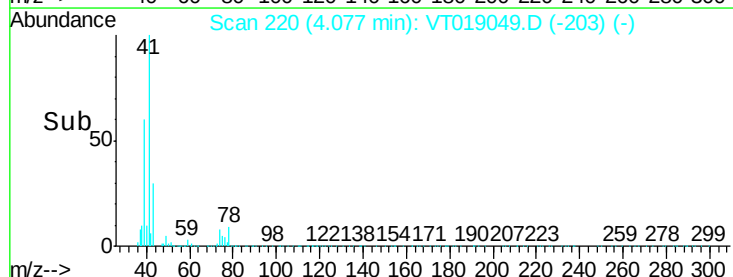
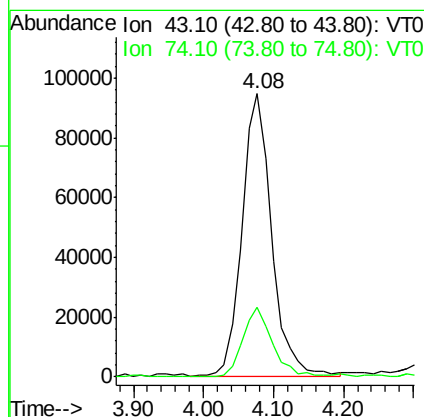
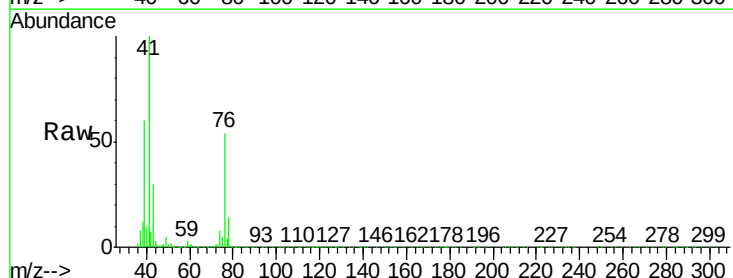
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

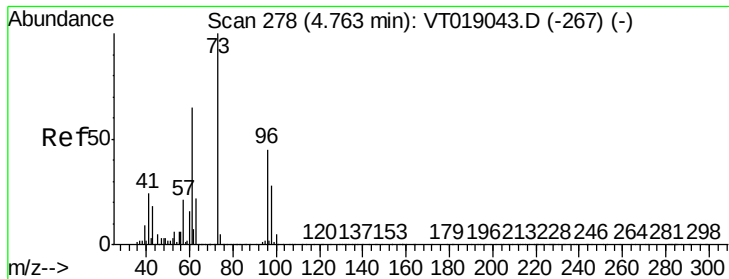
Tot Ion: 76 Resp: 2466257
Ion Ratio Lower Upper
76 100
78 27.3 19.8 29.8



#18
Methyl Acetate
Concen: 42.92 ug/l
RT: 4.08 min Scan# 220
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion: 43 Resp: 281339
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.8

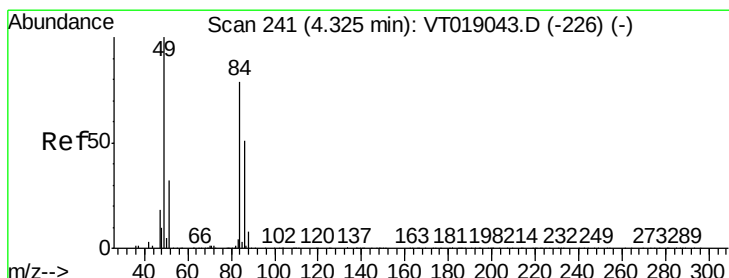
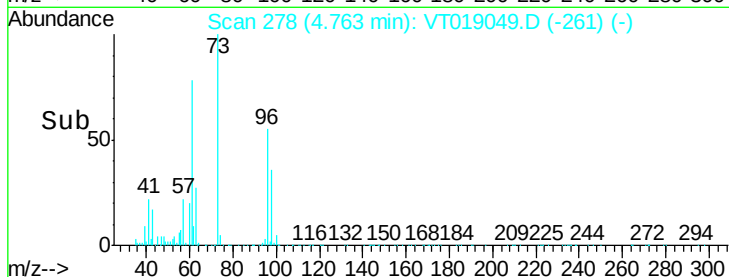
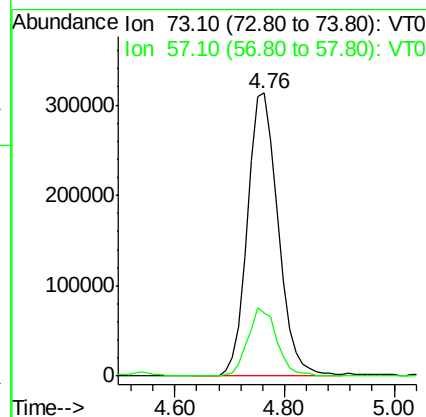
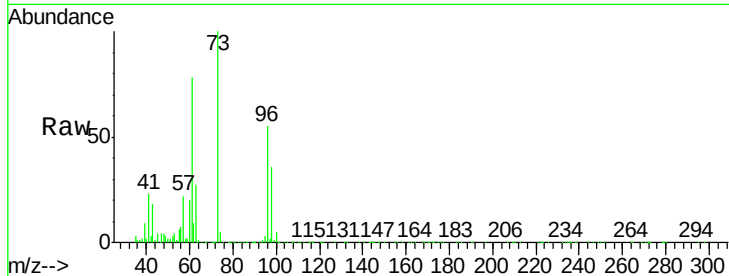




#19
Methyl tert-butyl Ether
Concen: 47.87 ug/l
RT: 4.76 min Scan# 278
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

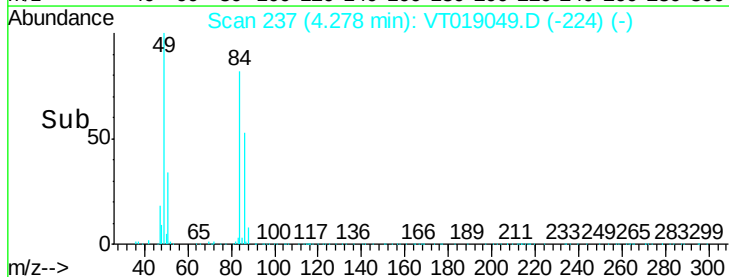
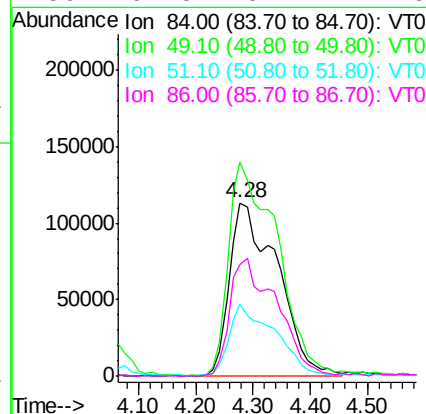
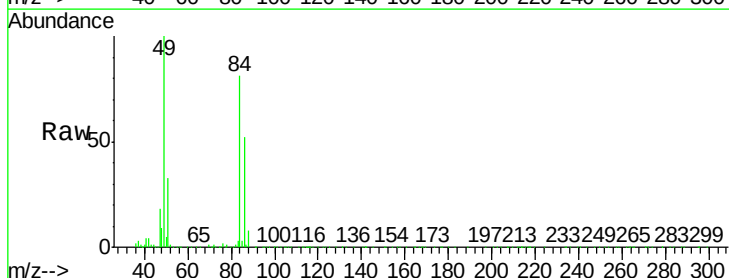
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

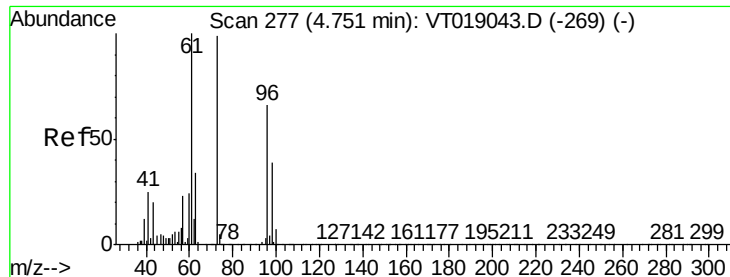
Tot Ion: 73 Resp: 1238217
Ion Ratio Lower Upper
73 100
57 22.2 16.6 25.0



#20
Methylene Chloride
Concen: 47.23 ug/l
RT: 4.28 min Scan# 237
Delta R.T. -0.05 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion: 84 Resp: 649042
Ion Ratio Lower Upper
84 100
49 123.4 103.0 154.4
51 41.1 33.3 49.9
86 64.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 54.07 ug/l

RT: 4.75 min Scan# 277

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

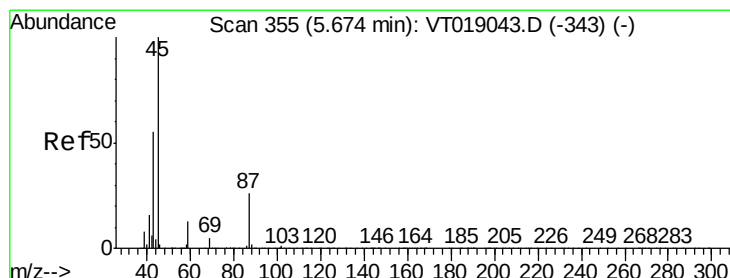
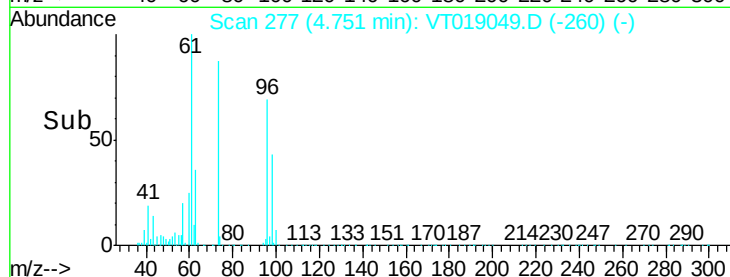
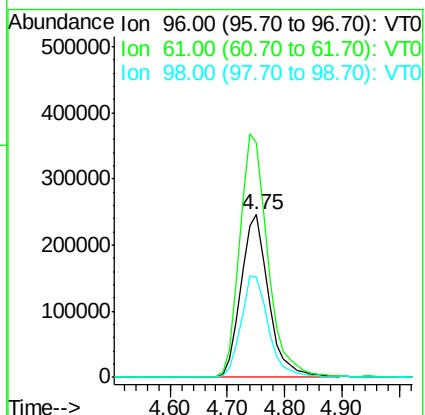
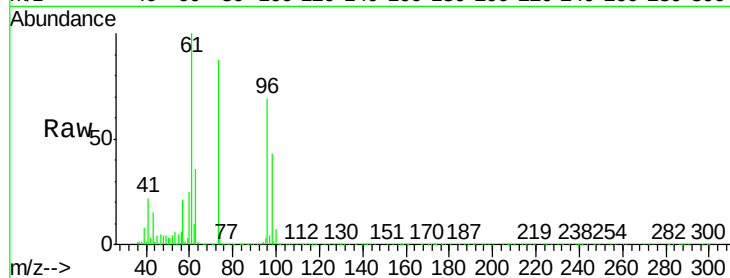
MSVOA_T

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 824050

Ion	Ratio	Lower	Upper
96	100		
61	144.1	120.8	181.2
98	61.5	47.4	71.2



#22

Diisopropyl ether

Concen: 49.67 ug/l

RT: 5.67 min Scan# 355

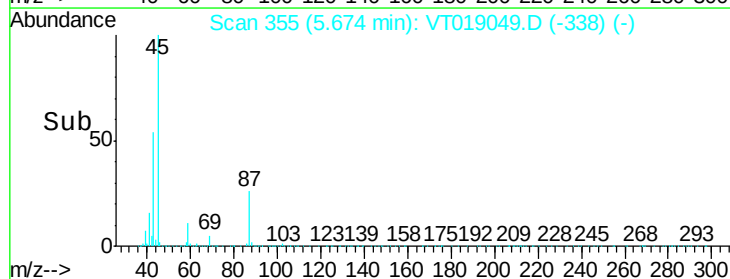
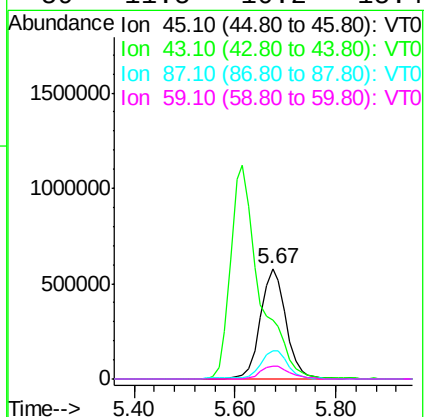
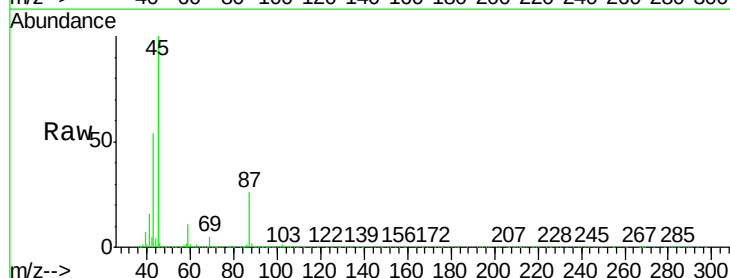
Delta R.T. -0.00 min

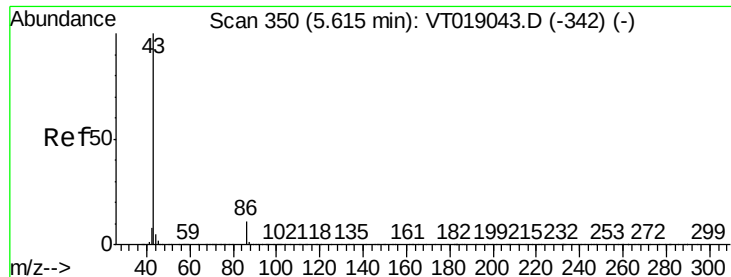
Lab File: VT019049.D

Acq: 9 May 2018 10:08

Tgt Ion: 45 Resp: 2052128

Ion	Ratio	Lower	Upper
45	100		
43	53.8	43.8	65.6
87	26.0	20.8	31.2
59	11.5	10.2	15.4





#23

Vinyl Acetate

Concen: 245.07 ug/l

RT: 5.61 min Scan# 350

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

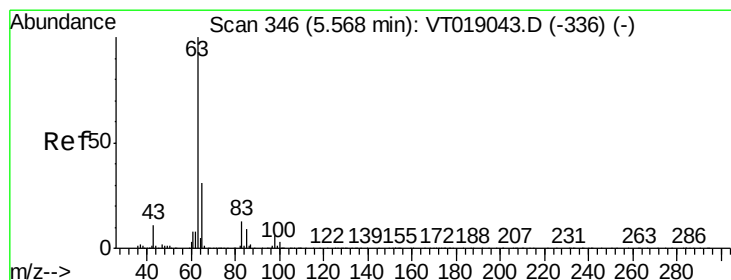
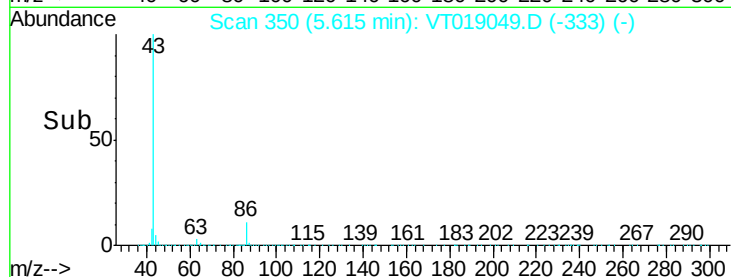
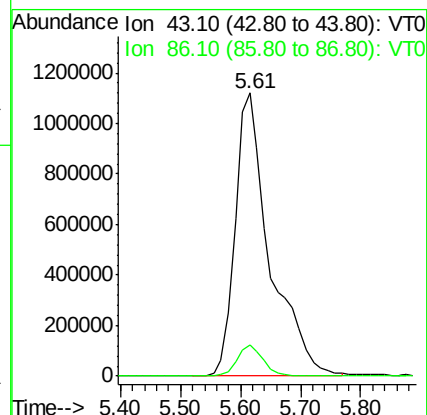
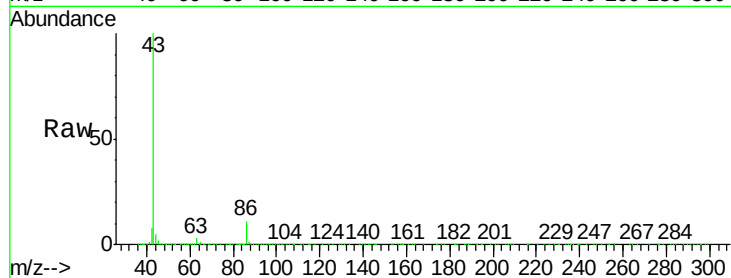
VSTDCCC050

Tot Ion: 43 Resp: 4493331

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 51.57 ug/l

RT: 5.56 min Scan# 345

Delta R.T. -0.01 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

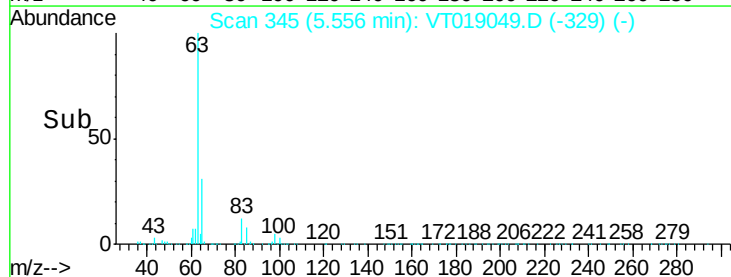
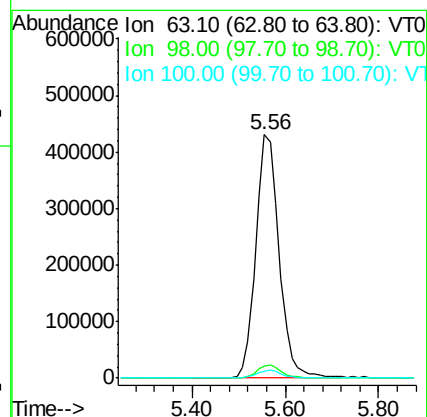
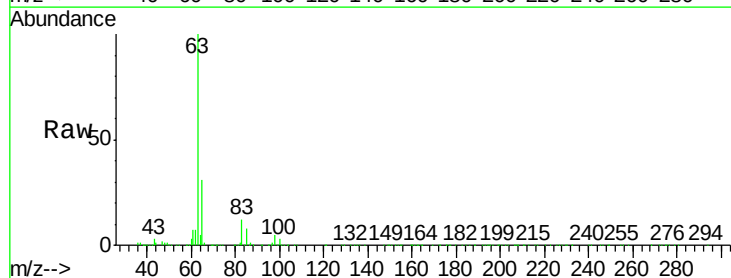
Tgt Ion: 63 Resp: 1489338

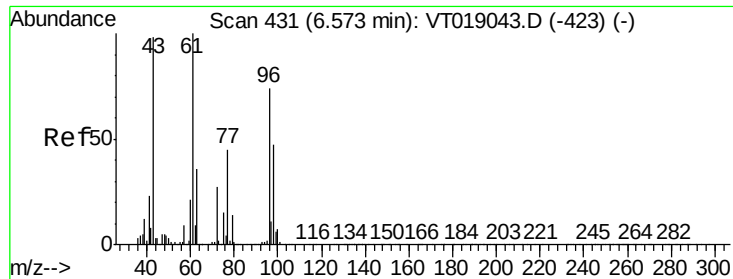
Ion Ratio Lower Upper

63 100

98 4.9 2.8 8.4

100 2.9 1.7 5.1

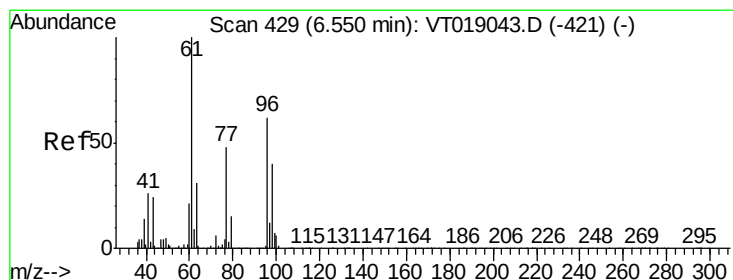
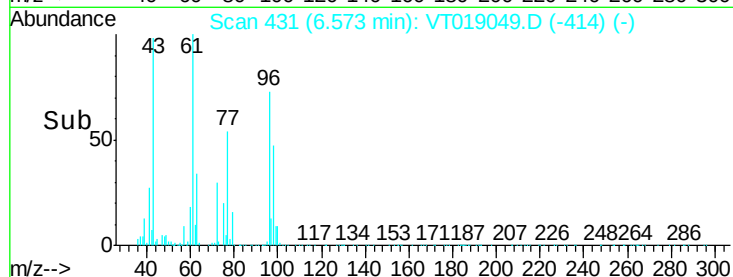
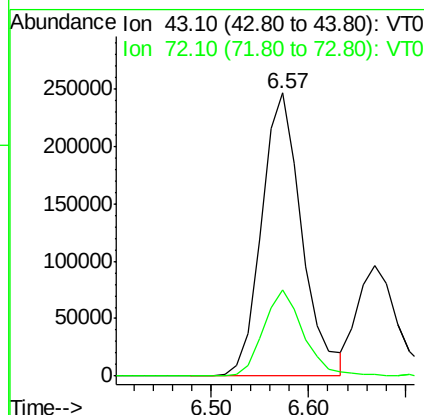
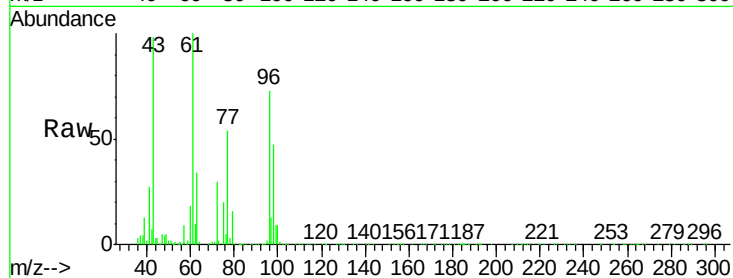




#25
2-Butanone
Concen: 244.87 ug/l
RT: 6.57 min Scan# 431
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

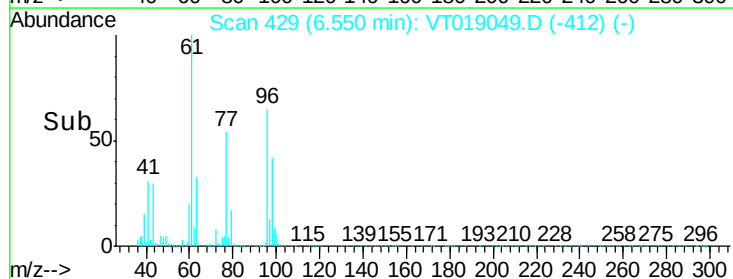
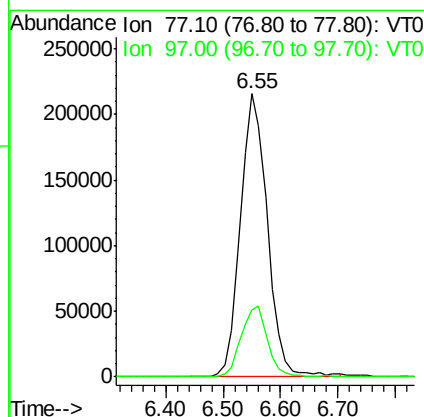
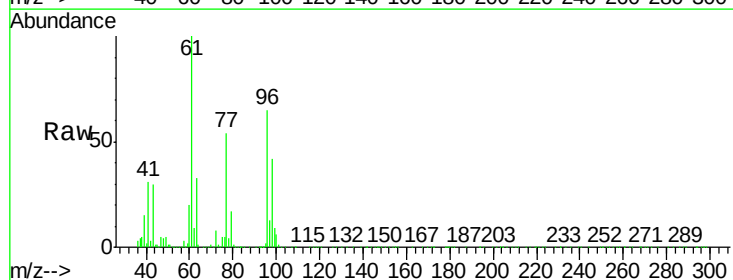
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

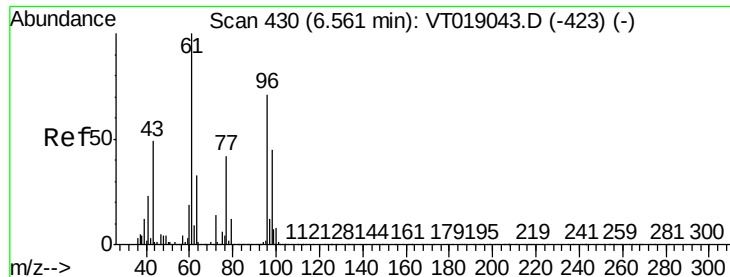
Tot Ion: 43 Resp: 703568
Ion Ratio Lower Upper
43 100
72 30.6 22.1 33.1



#26
2,2-Dichloropropane
Concen: 60.49 ug/l
RT: 6.55 min Scan# 429
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion: 77 Resp: 704983
Ion Ratio Lower Upper
77 100
97 23.8 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 53.44 ug/l

RT: 6.56 min Scan# 430

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

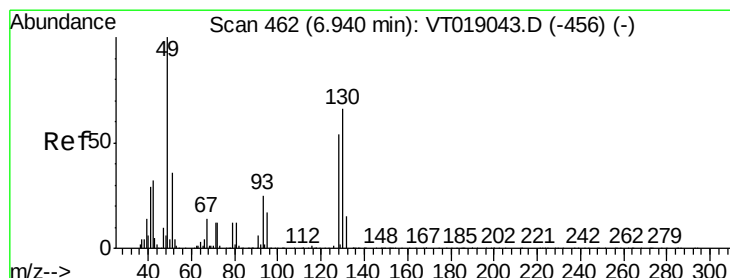
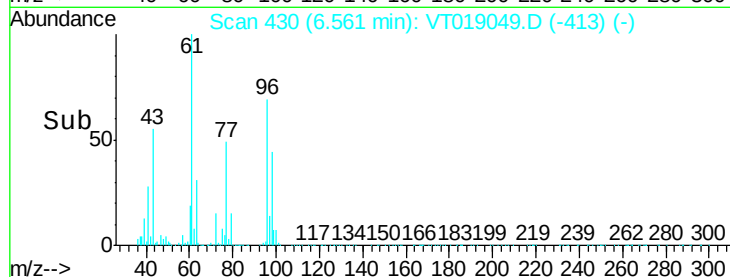
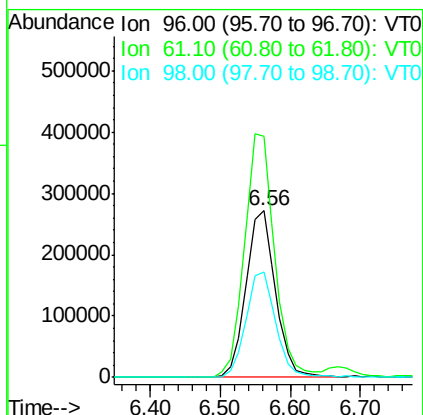
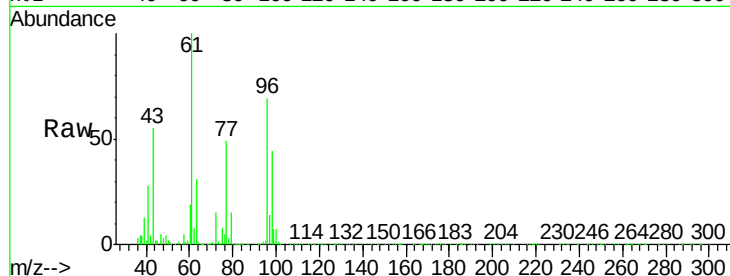
Tot Ion: 96 Resp: 800129

Ion Ratio Lower Upper

96 100

61 144.7 0.0 282.0

98 63.8 0.0 125.8



#28

Bromochloromethane

Concen: 51.12 ug/l

RT: 6.94 min Scan# 462

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

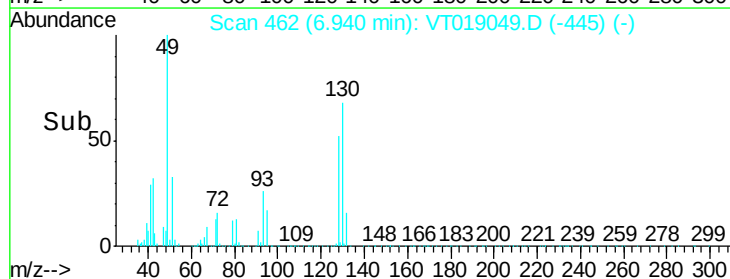
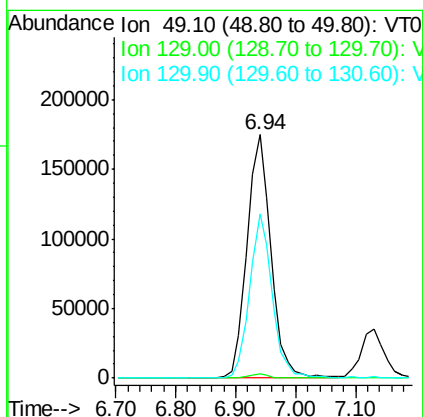
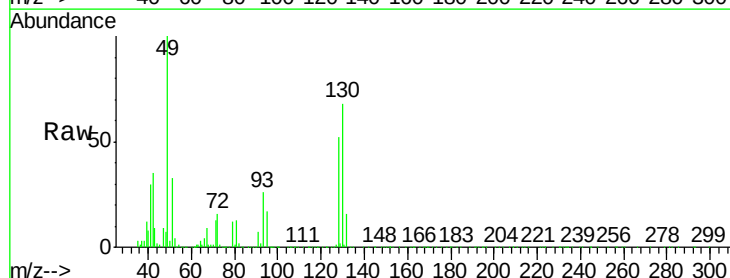
Tgt Ion: 49 Resp: 490262

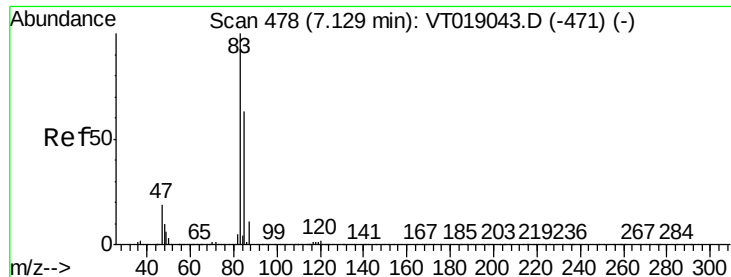
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 67.6 52.4 78.6

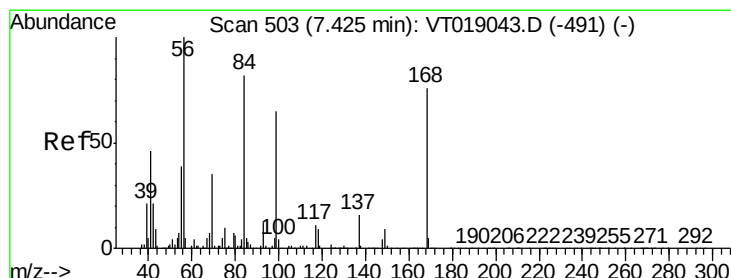
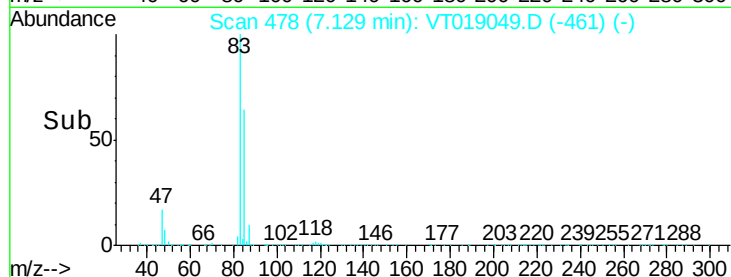
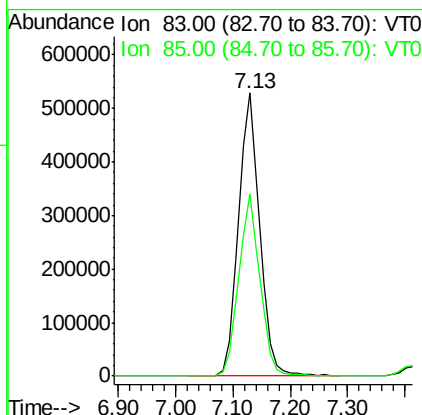
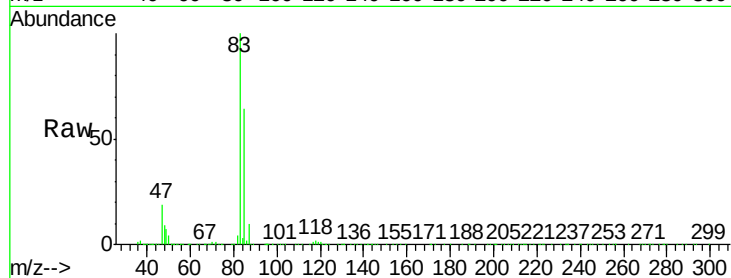




#29
Chloroform
Concen: 49.99 ug/l
RT: 7.13 min Scan# 478
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

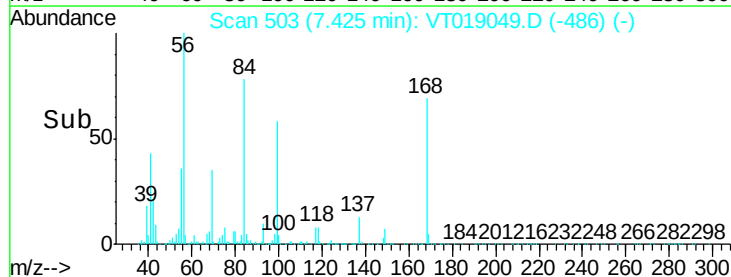
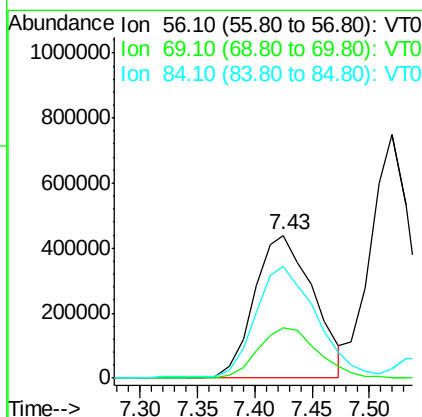
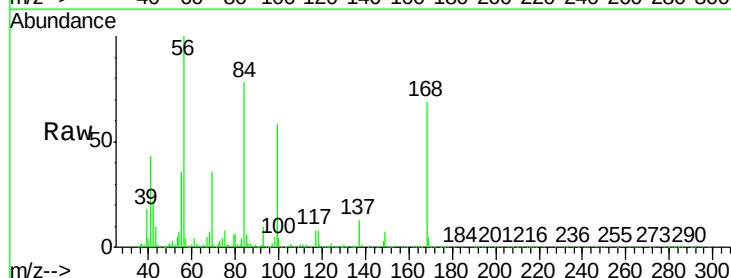
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

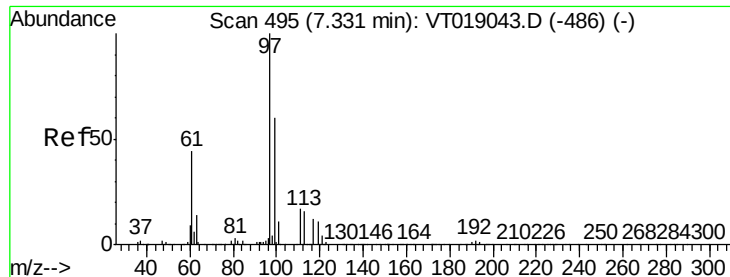
Tot Ion: 83 Resp: 1351289
Ion Ratio Lower Upper
83 100
85 64.4 50.6 76.0



#30
Cyclohexane
Concen: 50.27 ug/l
RT: 7.43 min Scan# 503
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion: 56 Resp: 1573590
Ion Ratio Lower Upper
56 100
69 35.5 28.2 42.2
84 77.9 65.6 98.4





#31

1,1,1-Trichloroethane

Concen: 54.83 ug/l

RT: 7.33 min Scan# 495

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

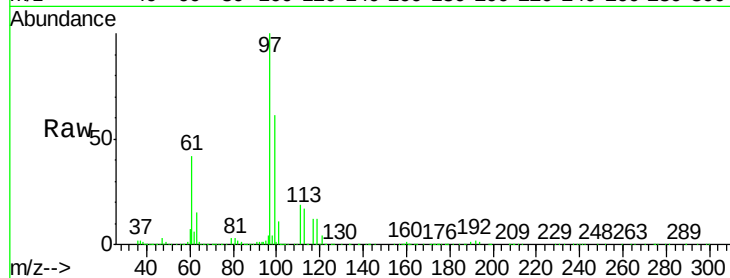
MSVOA_T

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 1145148

Ion	Ratio	Lower	Upper
97	100		
99	61.4	47.6	71.4
61	42.1	35.3	52.9

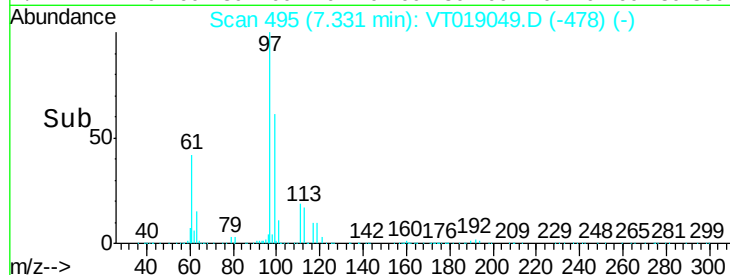


Abundance

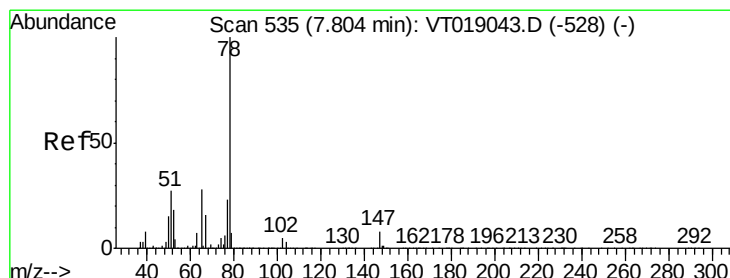
Ion 97.00 (96.70 to 97.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

Ion 61.00 (60.70 to 61.70): VT0



Time-->



#32

1,2-Dichloroethane-d4

Concen: 47.32 ug/l

RT: 7.80 min Scan# 535

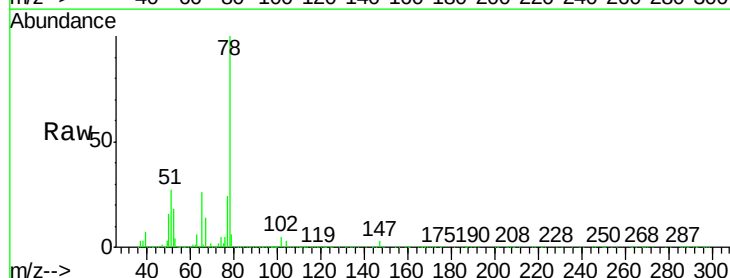
Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Tgt Ion: 65 Resp: 568784

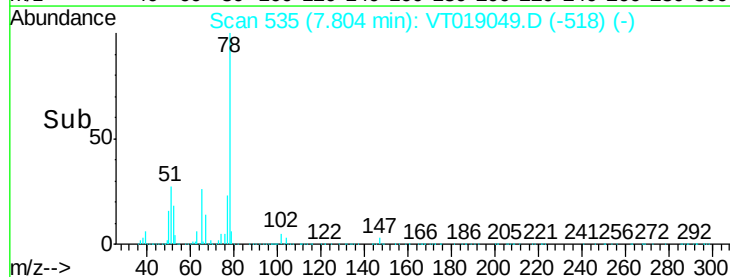
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	114.2



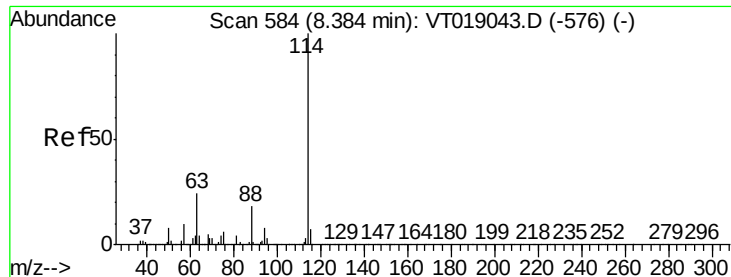
Abundance

Ion 65.10 (64.80 to 65.80): VT0

Ion 67.10 (66.80 to 67.80): VT0



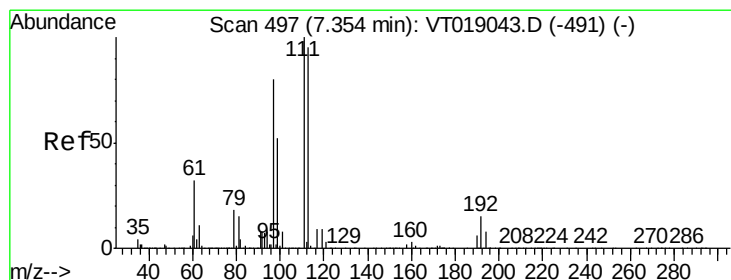
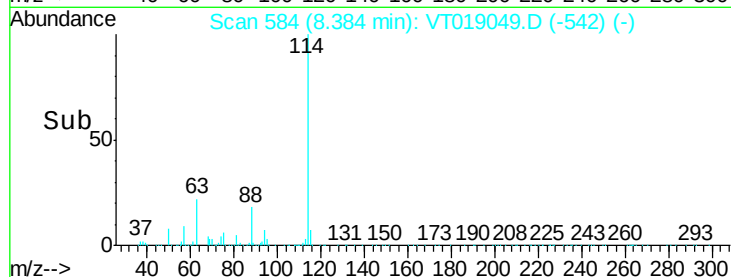
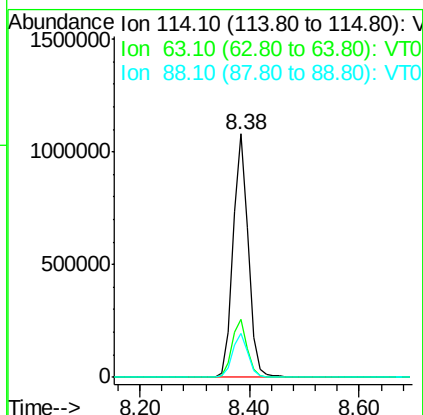
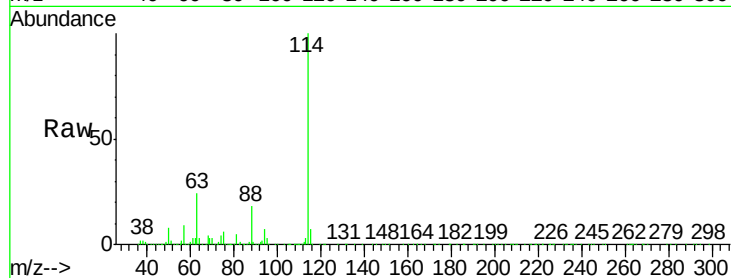
Time-->



#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.38 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

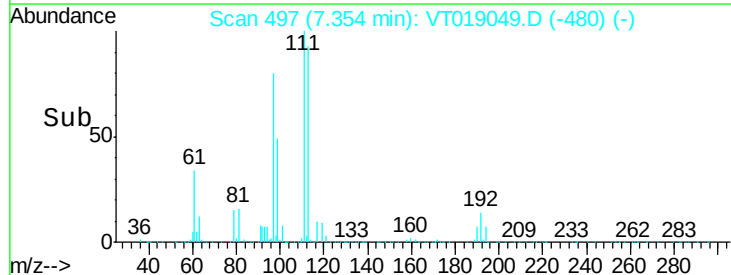
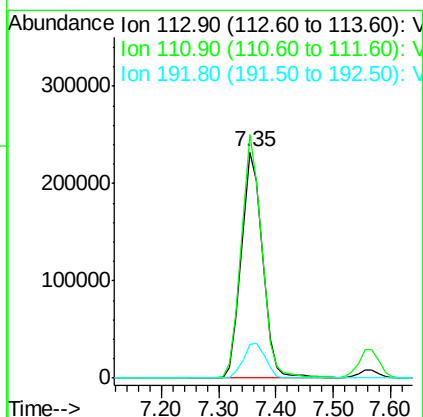
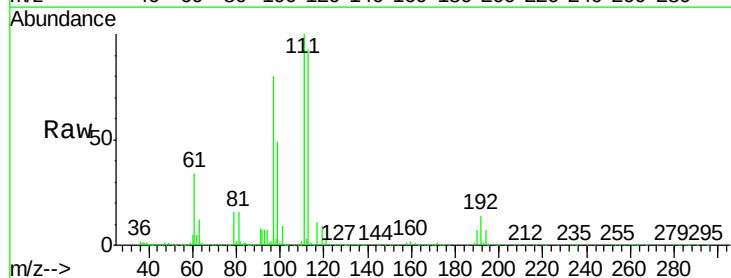
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

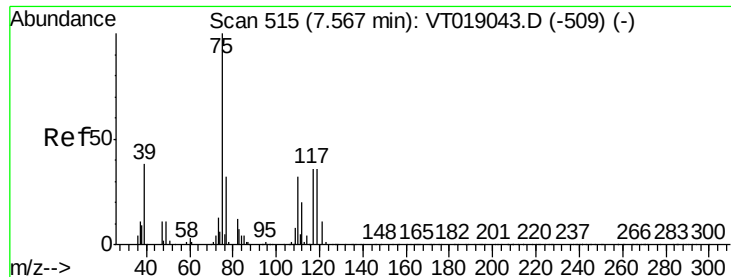
Tot Ion:114 Resp: 2107715
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.8
 88 18.3 0.0 37.0



#34
 Dibromofluoromethane
 Concen: 51.09 ug/l
 RT: 7.35 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

Tgt Ion:113 Resp: 602942
 Ion Ratio Lower Upper
 113 100
 111 107.6 84.0 126.0
 192 14.9 12.9 19.3





#35

1,1-Dichloropropene

Concen: 53.99 ug/l

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

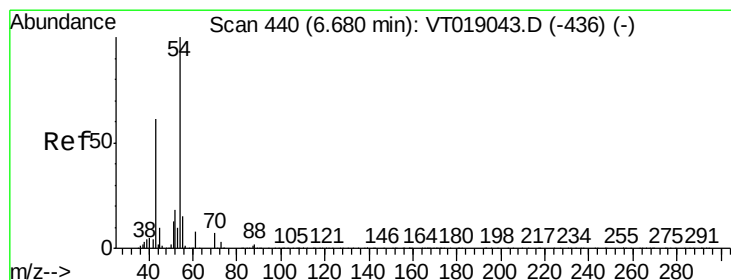
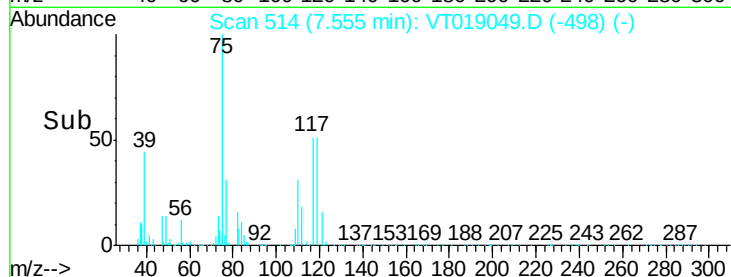
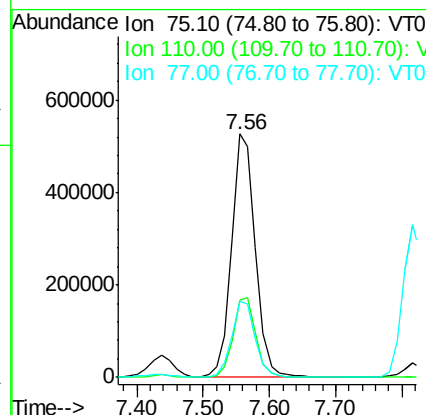
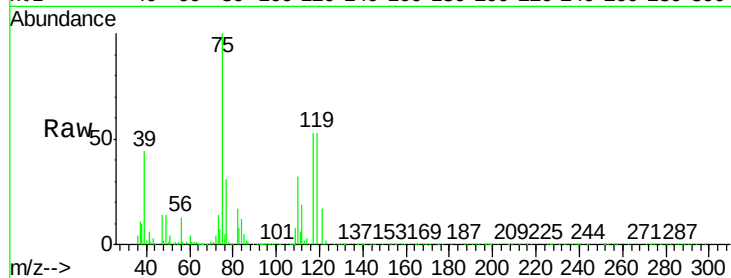
Tot Ion: 75 Resp: 1311152

Ion Ratio Lower Upper

75 100

110 32.0 15.9 47.6

77 31.0 25.9 38.9



#36

Ethyl Acetate

Concen: 43.26 ug/l

RT: 6.67 min Scan# 439

Delta R.T. -0.01 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

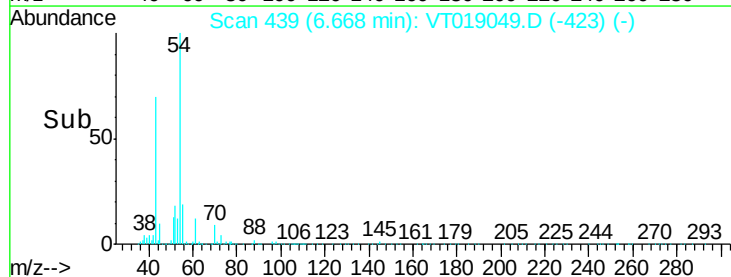
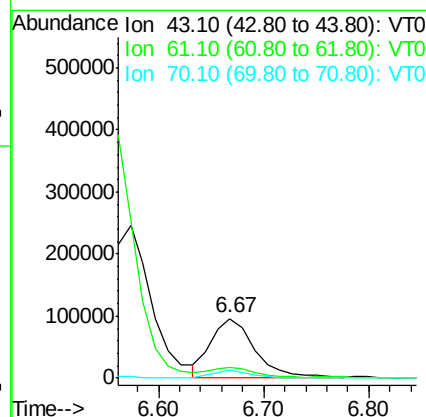
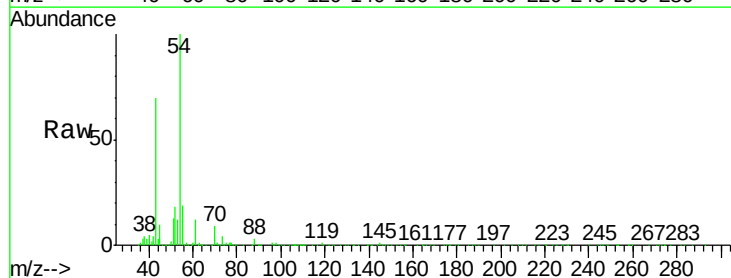
Tgt Ion: 43 Resp: 270768

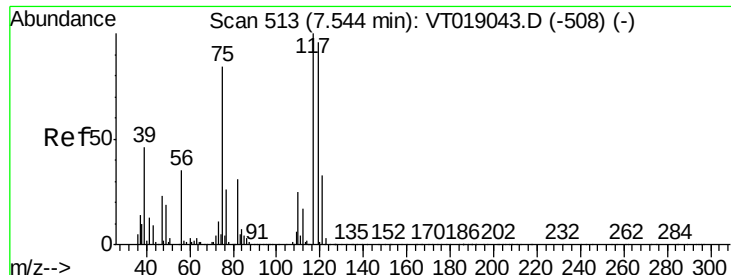
Ion Ratio Lower Upper

43 100

61 17.0 14.2 21.2

70 12.9 8.4 12.6#





#37

Carbon Tetrachloride

Concen: 50.73 ug/l

RT: 7.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

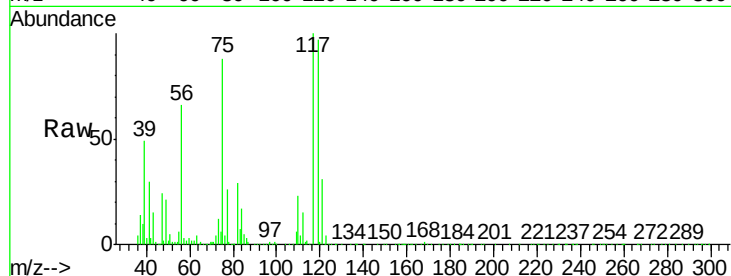
Tot Ion:117 Resp: 1006919

Ion Ratio Lower Upper

117 100

119 96.9 76.5 114.7

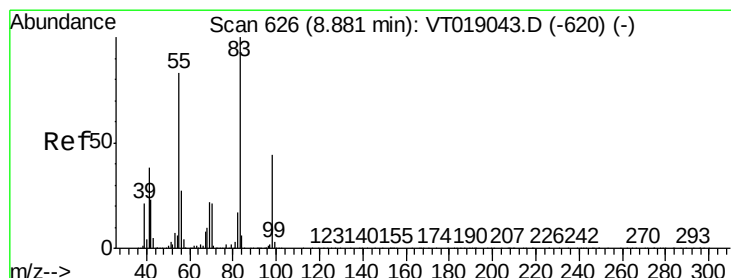
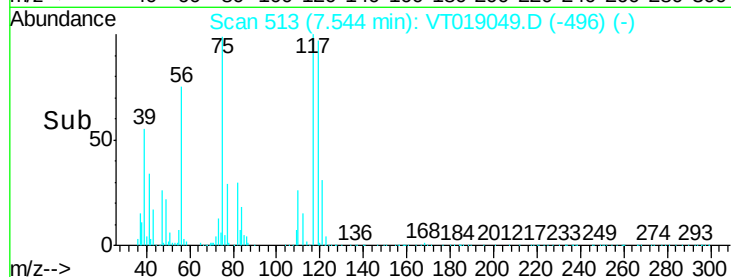
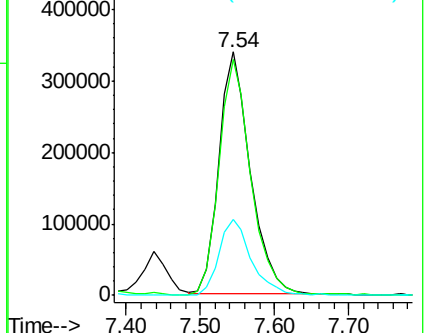
121 31.1 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

Ion 120.90 (120.60 to 121.60): V



#38

Methylcyclohexane

Concen: 55.05 ug/l

RT: 8.88 min Scan# 626

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

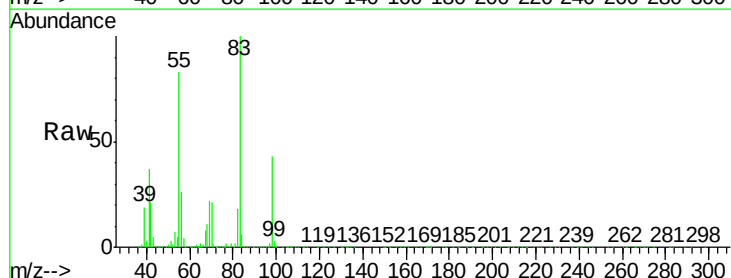
Tgt Ion: 83 Resp: 1595891

Ion Ratio Lower Upper

83 100

55 82.8 66.7 100.1

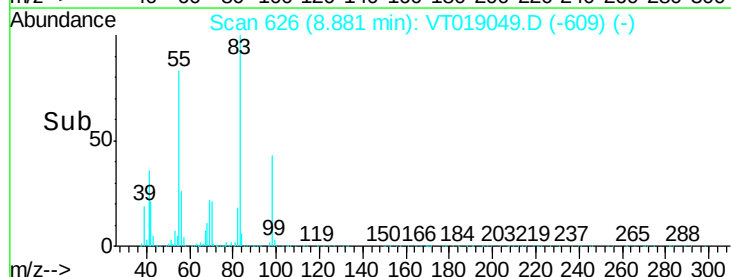
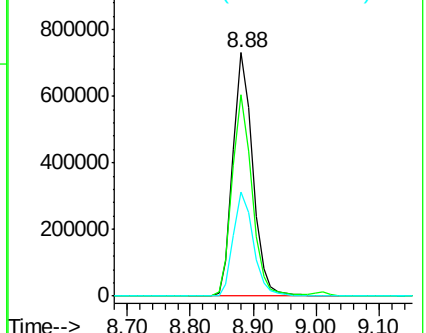
98 42.7 35.5 53.3

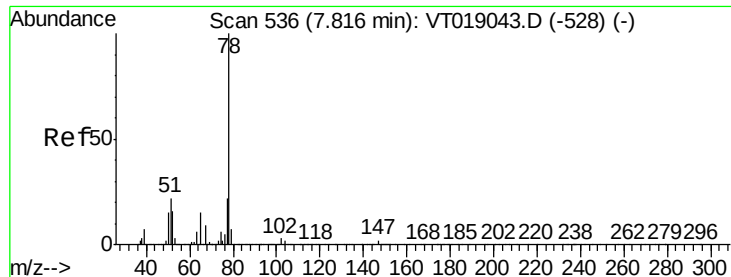


Abundance Ion 83.10 (82.80 to 83.80): VT0

Ion 55.10 (54.80 to 55.80): VT0

Ion 98.10 (97.80 to 98.80): VT0





#39

Benzene

Concen: 51.91 ug/l

RT: 7.82 min Scan# 536

Delta R.T. -0.00 min

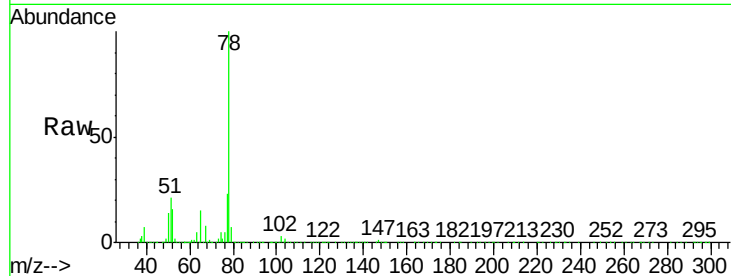
Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

Tot Ion: 78 Resp: 3293622

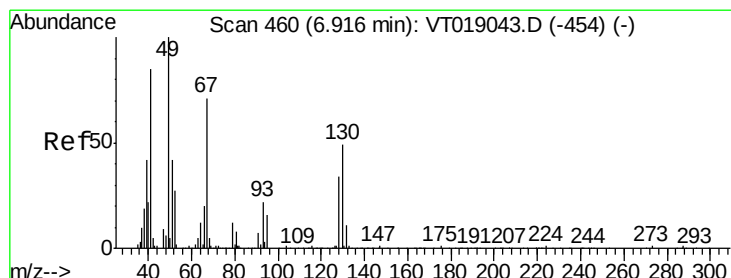
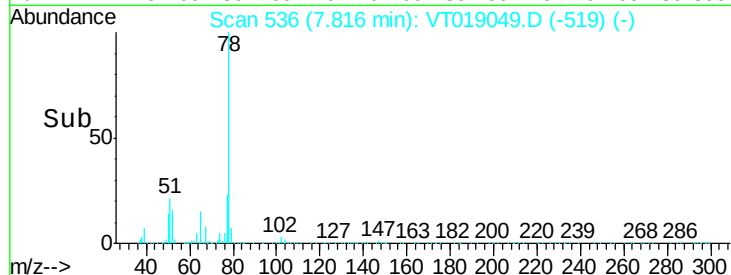
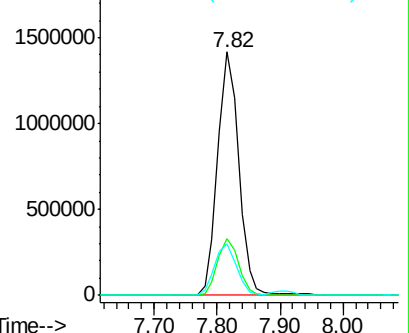
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.0	27.0
51	21.2	17.3	25.9



Abundance Ion 78.10 (77.80 to 78.80): VT0

Ion 77.10 (76.80 to 77.80): VT0

Ion 51.10 (50.80 to 51.80): VT0



#40

Methacrylonitrile

Concen: 44.61 ug/l

RT: 6.92 min Scan# 460

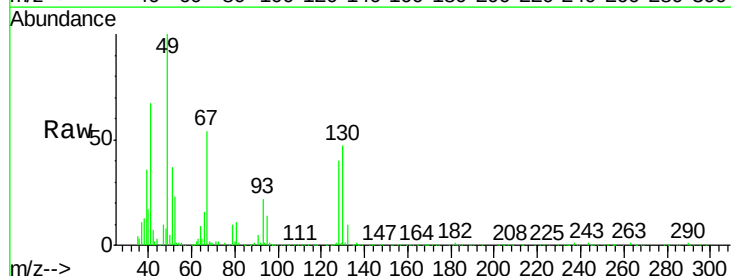
Delta R.T. 0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Tgt Ion: 41 Resp: 154183

Ion	Ratio	Lower	Upper
41	100		
39	54.1	39.4	59.0
67	80.6	66.8	100.2
52	34.1	25.5	38.3

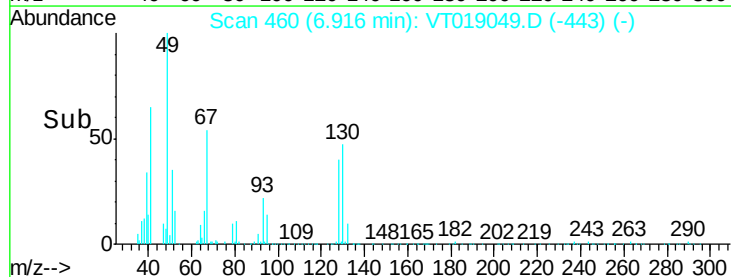
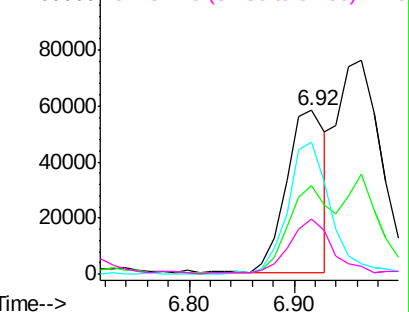


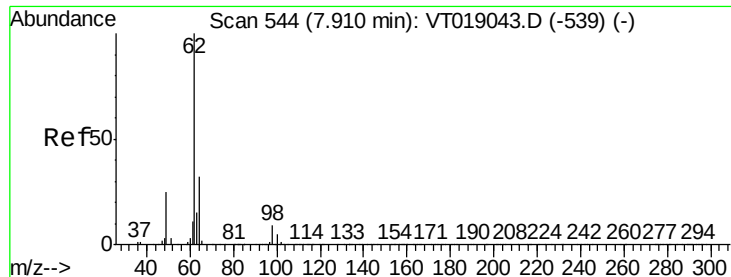
Abundance Ion 41.10 (40.80 to 41.80): VT0

Ion 39.10 (38.80 to 39.80): VT0

Ion 67.10 (66.80 to 67.80): VT0

Ion 52.10 (51.80 to 52.80): VT0





#41

1,2-Dichloroethane

Concen: 47.29 ug/l

RT: 7.91 min Scan# 544

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

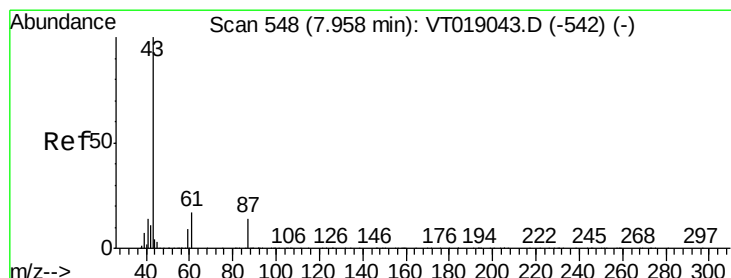
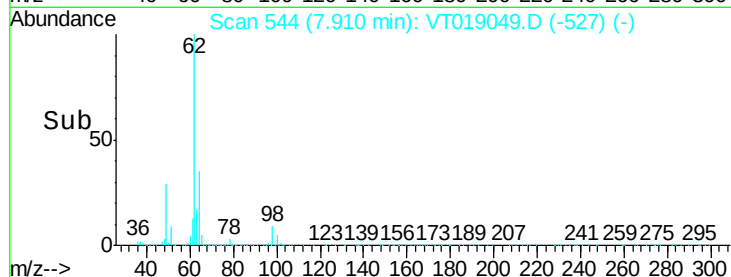
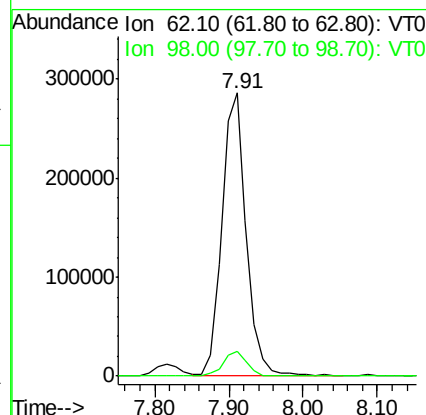
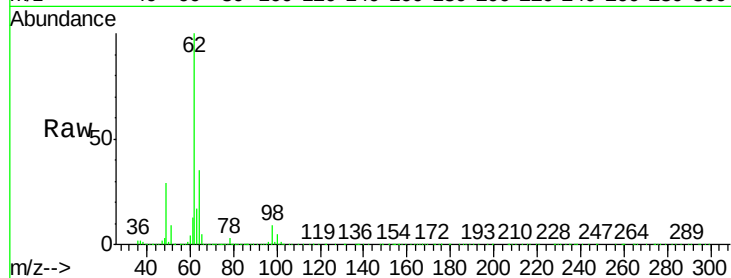
VSTDCCC050

Tot Ion: 62 Resp: 651754

Ion Ratio Lower Upper

62 100

98 8.9 0.0 17.4



#42

Isopropyl Acetate

Concen: 44.86 ug/l

RT: 7.96 min Scan# 548

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

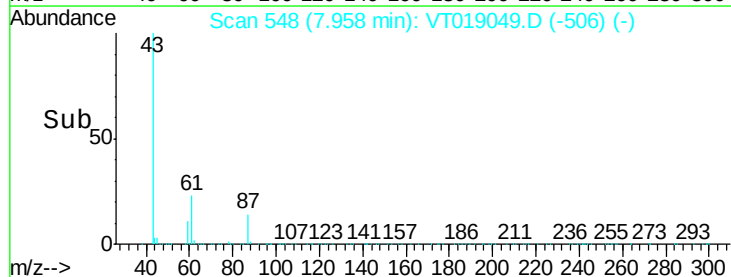
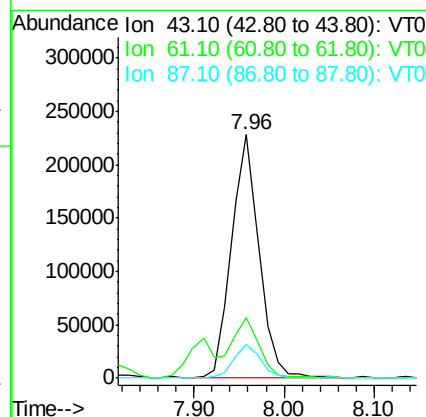
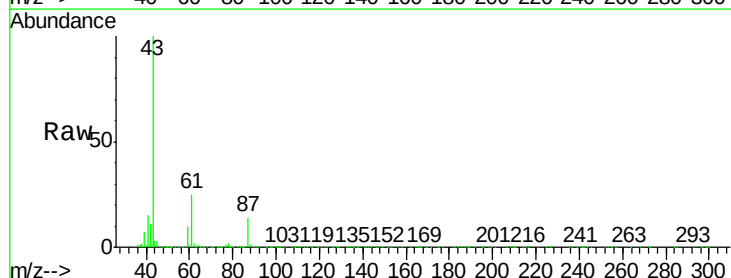
Tgt Ion: 43 Resp: 483533

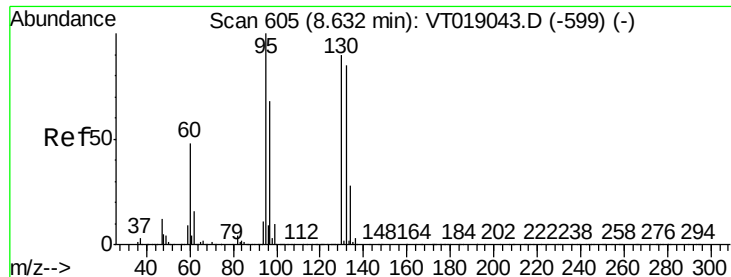
Ion Ratio Lower Upper

43 100

61 24.7 17.9 26.9

87 13.8 11.0 16.6





#43

Trichloroethene

Concen: 52.79 ug/l

RT: 8.63 min Scan# 605

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

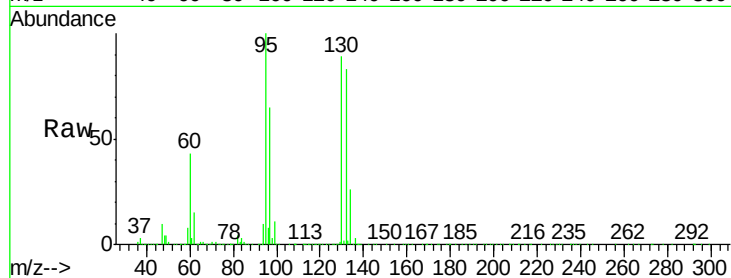
VSTDCCC050

Tot Ion:130 Resp: 770464

Ion Ratio Lower Upper

130 100

95 112.6 0.0 222.6



Abundance Ion 129.90 (129.60 to 130.60): VT0

Ion 95.00 (94.70 to 95.70): VT0

8.63

400000

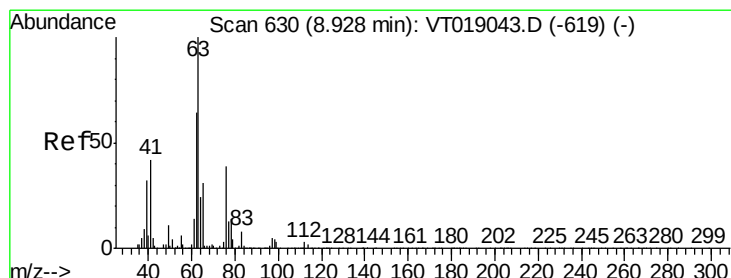
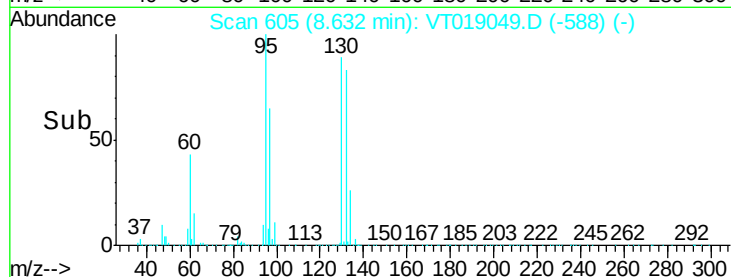
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#44

1,2-Dichloropropane

Concen: 50.60 ug/l

RT: 8.92 min Scan# 629

Delta R.T. -0.01 min

Lab File: VT019049.D

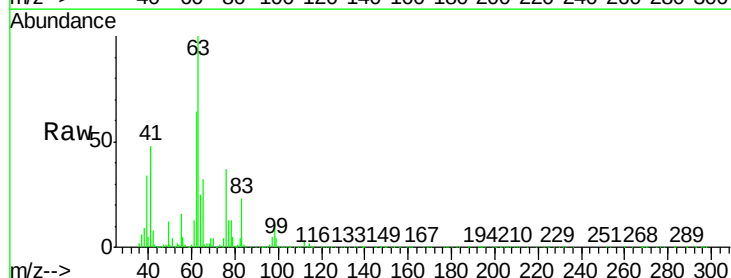
Acq: 9 May 2018 10:08

Tgt Ion: 63 Resp: 752674

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4



Abundance Ion 63.10 (62.80 to 63.80): VT0

Ion 65.10 (64.80 to 65.80): VT0

8.92

400000

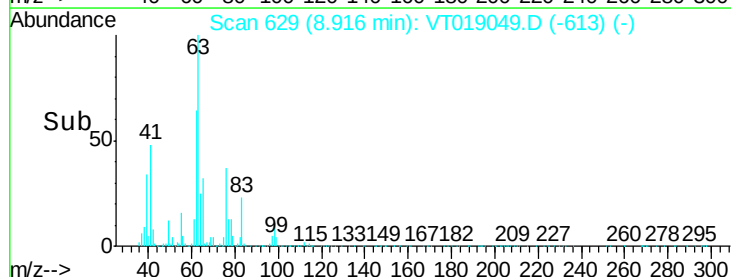
300000

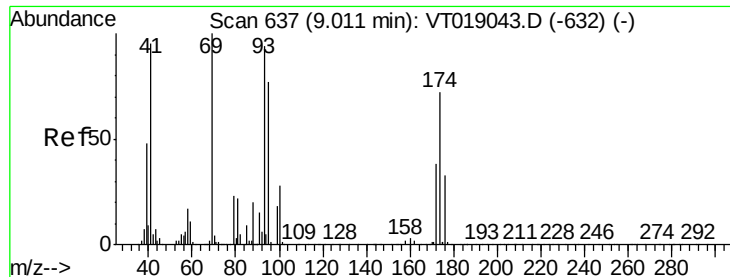
200000

100000

0

Time--> 8.70 8.80 8.90 9.00 9.10

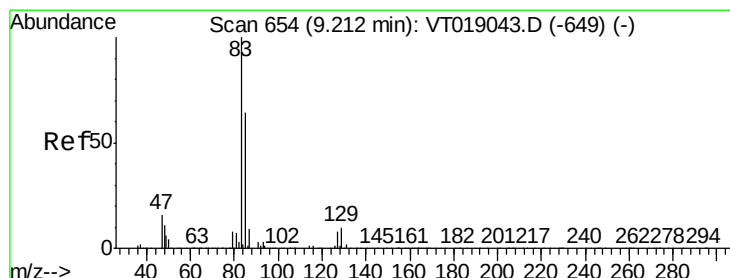
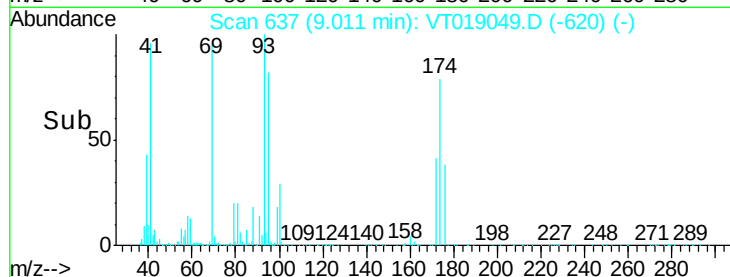
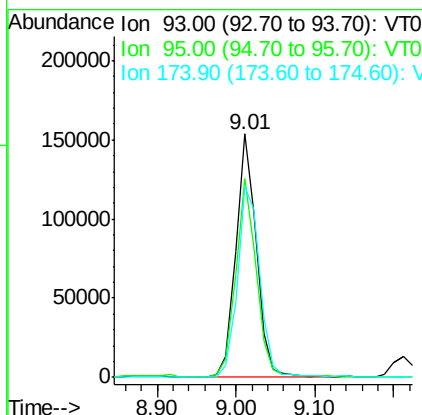
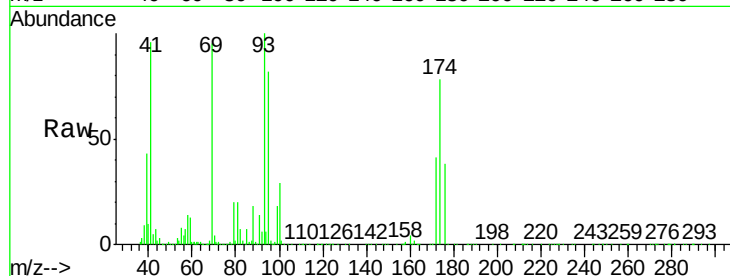




#45
Dibromomethane
Concen: 47.75 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

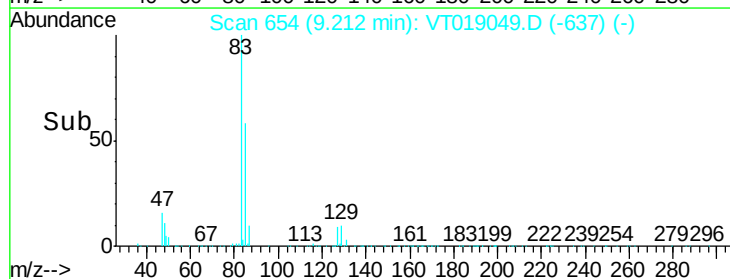
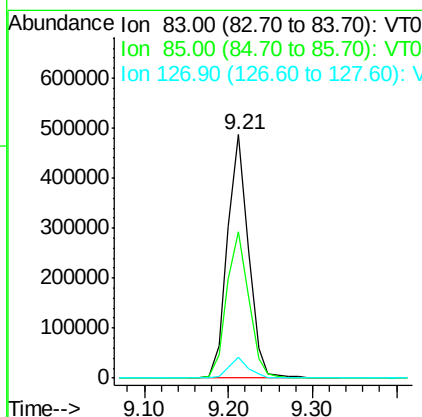
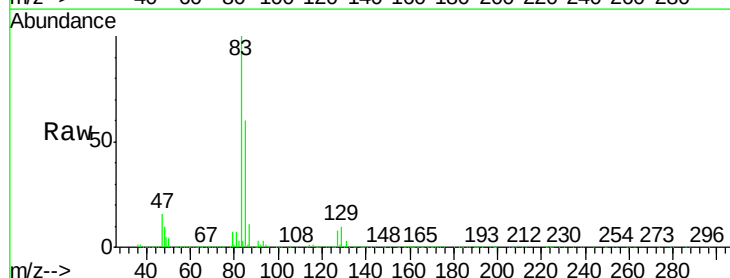
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

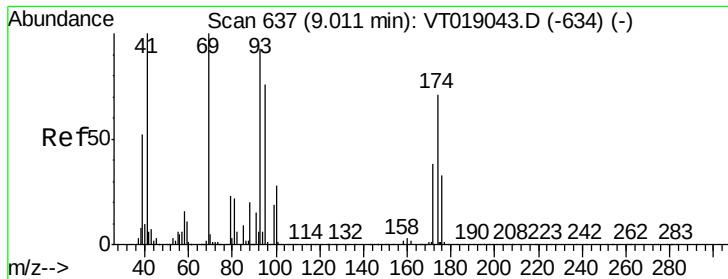
Tot Ion: 93 Resp: 279263
Ion Ratio Lower Upper
93 100
95 81.6 65.5 98.3
174 78.5 60.9 91.3



#46
Bromodichloromethane
Concen: 50.11 ug/l
RT: 9.21 min Scan# 654
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion: 83 Resp: 851674
Ion Ratio Lower Upper
83 100
85 60.0 51.3 76.9
127 8.5 6.1 9.1





#47

Methvl methacrylate

Concen: 46.69 ug/l

RT: 9.01 min Scan# 637

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

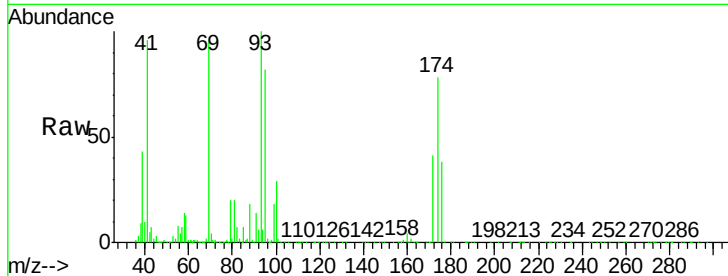
Tot Ion: 41 Resp: 260103

Ion Ratio Lower Upper

41 100

69 99.0 78.4 117.6

39 44.4 41.4 62.2



Abundance Ion 41.10 (40.80 to 41.80): VT0

Ion 69.10 (68.80 to 69.80): VT0

Ion 39.10 (38.80 to 39.80): VT0

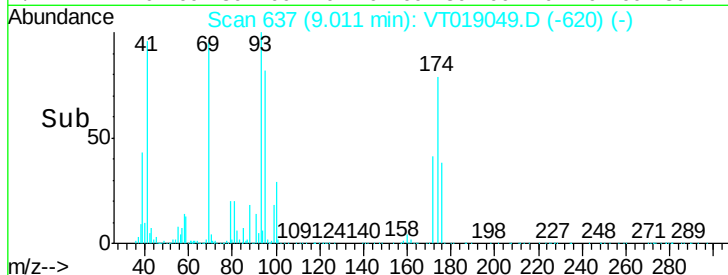
150000

100000

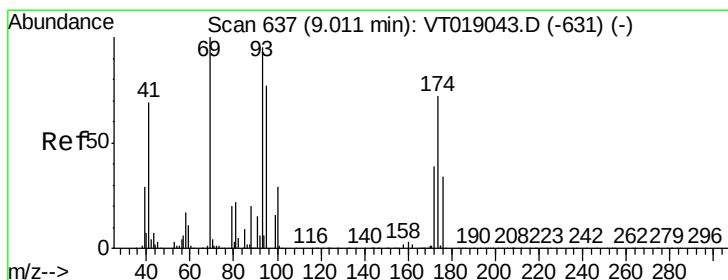
50000

0

8.95 9.00 9.05



Time-->



#48

1,4-Dioxane

Concen: 865.25 ug/l

RT: 9.01 min Scan# 637

Delta R.T. 0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

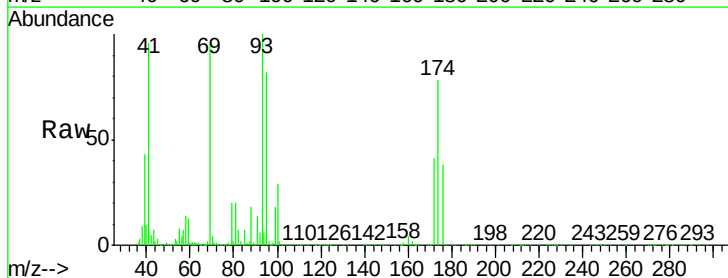
Tgt Ion: 88 Resp: 58282

Ion Ratio Lower Upper

88 100

43 37.6 30.5 45.7

58 77.2 67.5 101.3



Abundance Ion 88.10 (87.80 to 88.80): VT0

Ion 43.10 (42.80 to 43.80): VT0

Ion 58.10 (57.80 to 58.80): VT0

300000

250000

200000

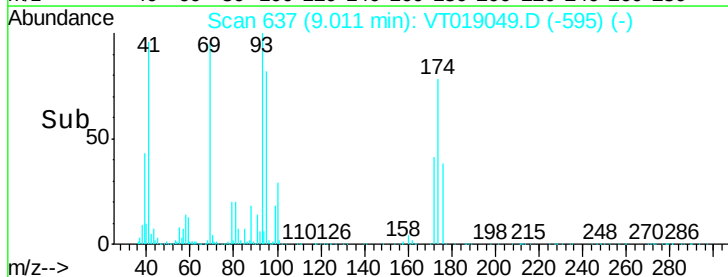
150000

100000

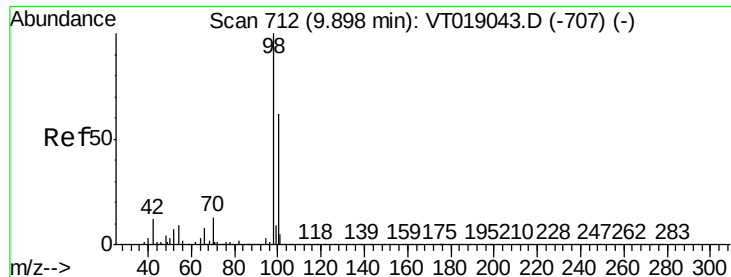
50000

0

8.90 8.95 9.00 9.05 9.10



Time-->



#49

Toluene-d8

Concen: 52.39 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.01 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

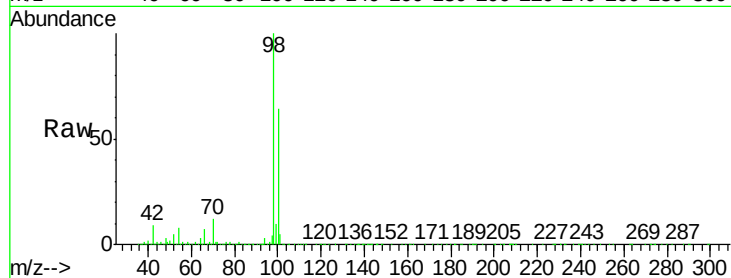
VSTDCCC050

Tot Ion: 98 Resp: 2652471

Ion Ratio Lower Upper

98 100

100 64.0 50.0 75.0



Abundance Ion 98.10 (97.80 to 98.80): VT0

Ion 100.10 (99.80 to 100.80): VT0

1500000

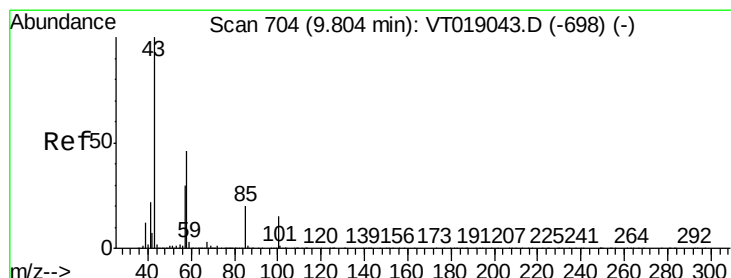
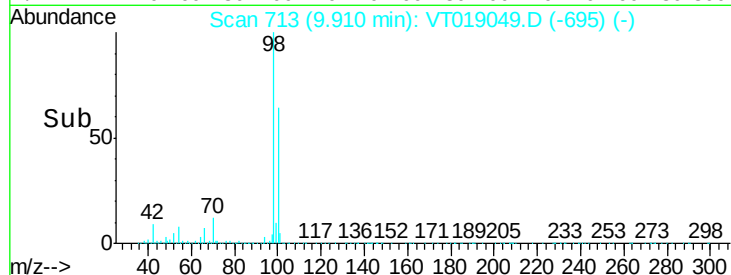
1000000

500000

0

9.80 9.90 10.00 10.10

Time-->



#50

4-Methyl-2-Pentanone

Concen: 225.76 ug/l

RT: 9.80 min Scan# 704

Delta R.T. -0.00 min

Lab File: VT019049.D

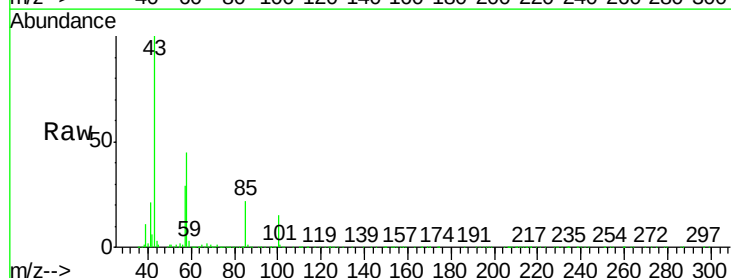
Acq: 9 May 2018 10:08

Tgt Ion: 43 Resp: 1334248

Ion Ratio Lower Upper

43 100

58 45.1 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

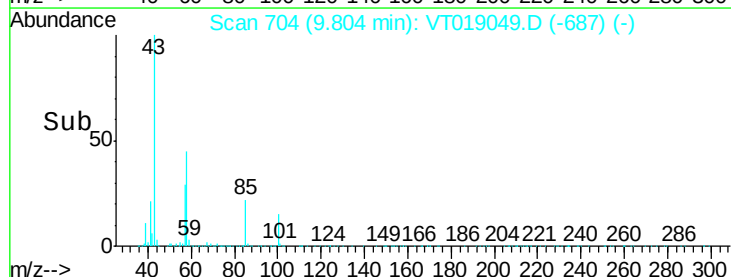
400000

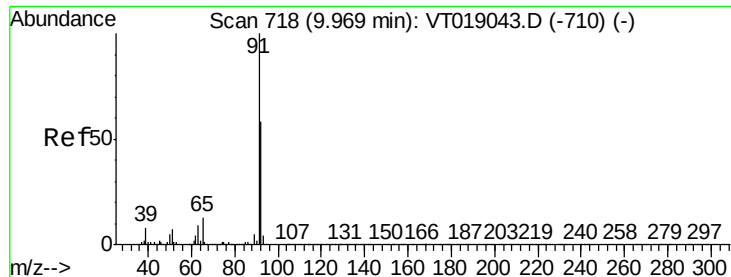
200000

0

9.70 9.80 9.90

Time-->





#51

Toluene

Concen: 53.48 ug/l

RT: 9.97 min Scan# 718

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

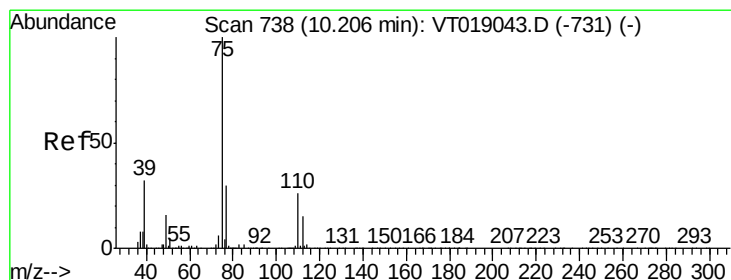
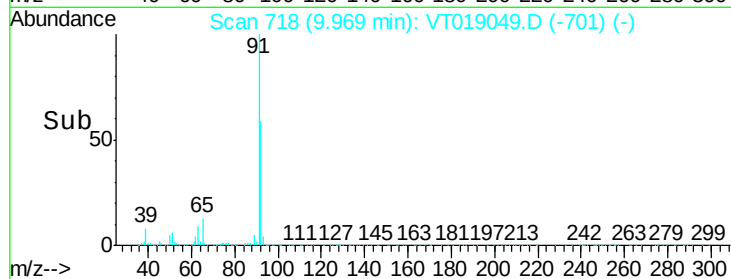
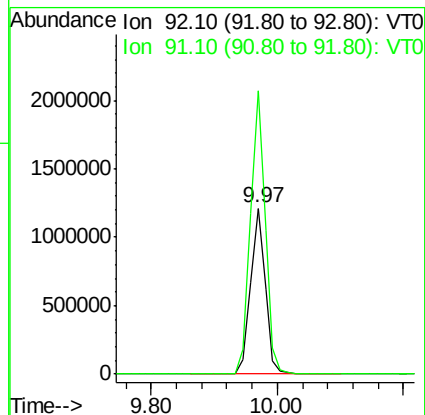
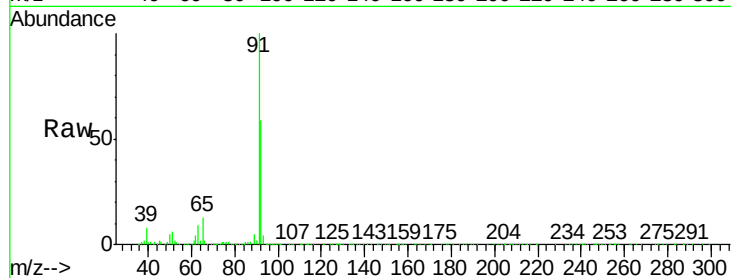
VSTDCCC050

Tot Ion: 92 Resp: 1961224

Ion Ratio Lower Upper

92 100

91 170.8 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 51.34 ug/l

RT: 10.19 min Scan# 737

Delta R.T. -0.01 min

Lab File: VT019049.D

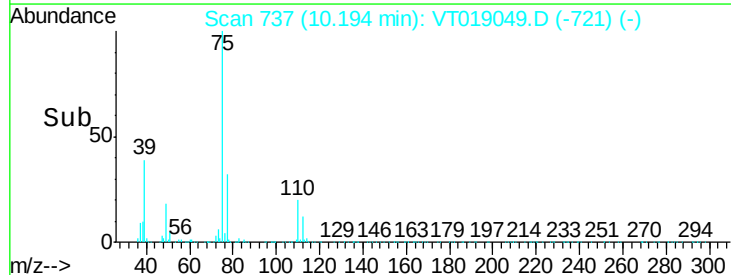
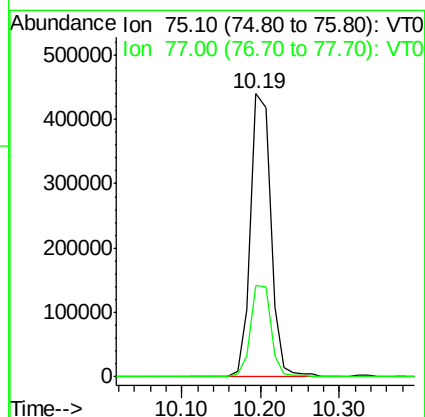
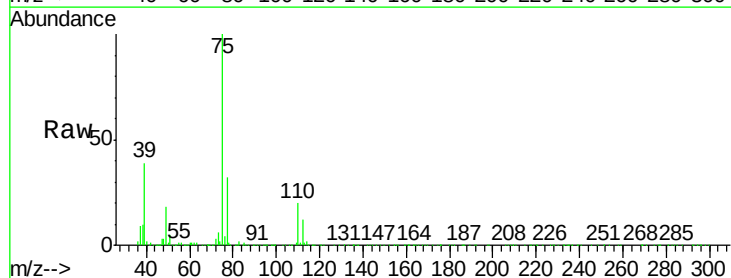
Acq: 9 May 2018 10:08

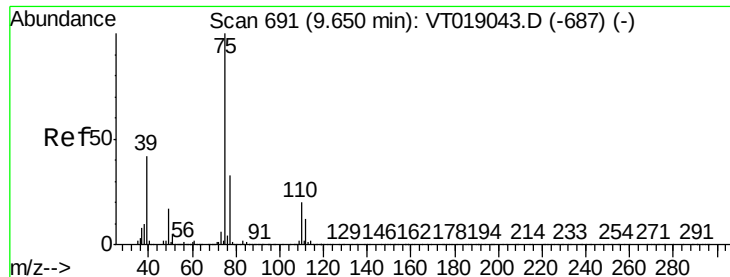
Tgt Ion: 75 Resp: 793291

Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8





#53

cis-1,3-Dichloropropene

Concen: 52.50 ug/l

RT: 9.65 min Scan# 691

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

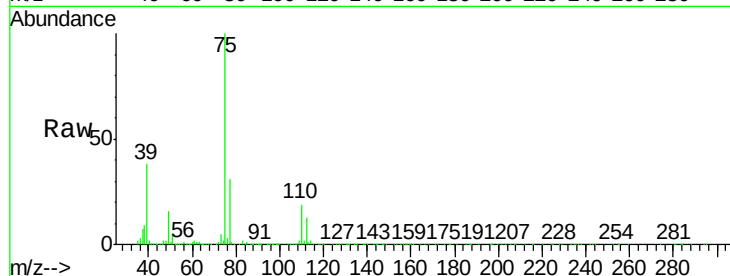
Tot Ion: 75 Resp: 1033204

Ion Ratio Lower Upper

75 100

77 30.5 26.6 39.8

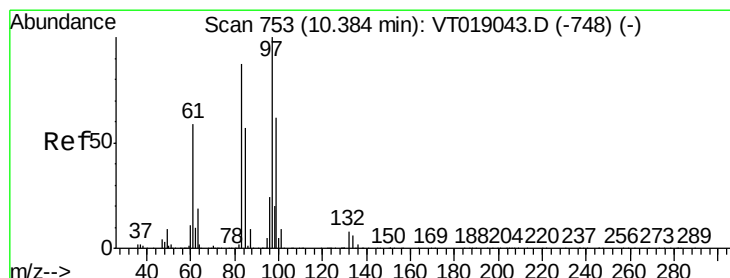
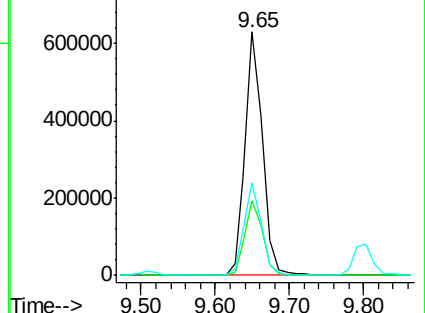
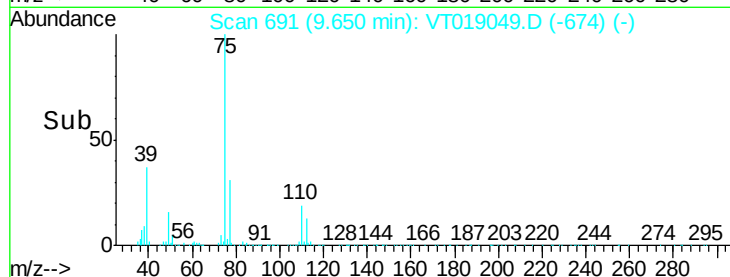
39 38.2 34.1 51.1



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: 46.20 ug/l

RT: 10.38 min Scan# 753

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Tgt Ion: 97 Resp: 410267

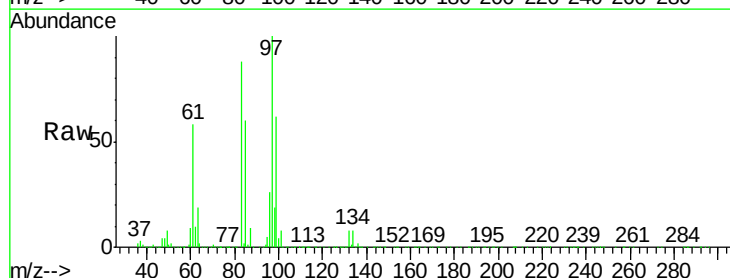
Ion Ratio Lower Upper

97 100

83 87.9 69.7 104.5

85 60.1 46.1 69.1

99 62.5 49.6 74.4

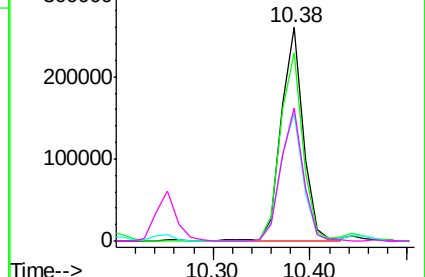
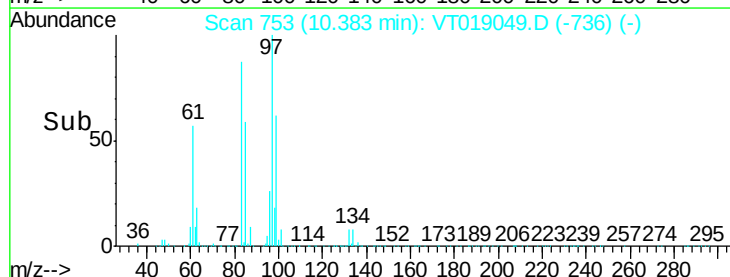


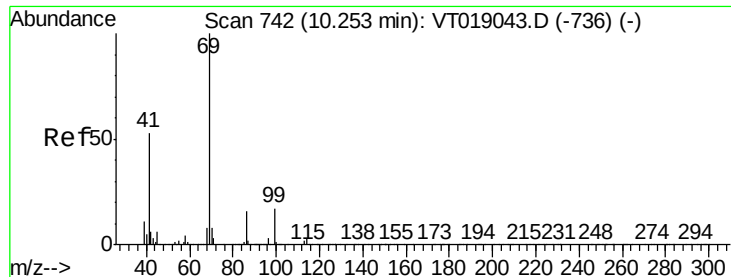
Abundance Ion 97.00 (96.70 to 97.70): VT0

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: 48.21 ug/l

RT: 10.25 min Scan# 742

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

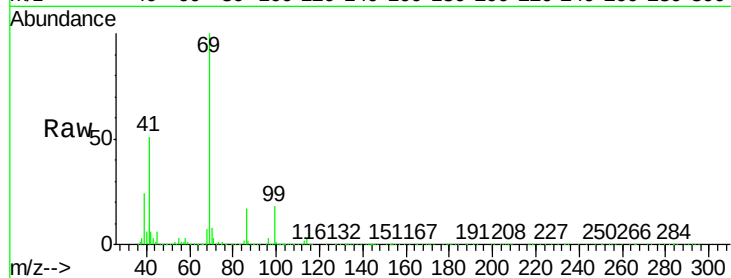
Tot Ion: 69 Resp: 512965

Ion Ratio Lower Upper

69 100

41 50.7 42.9 64.3

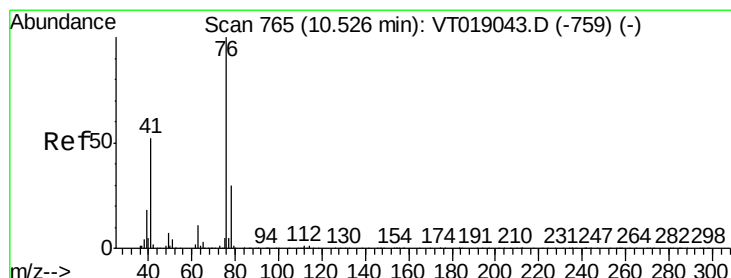
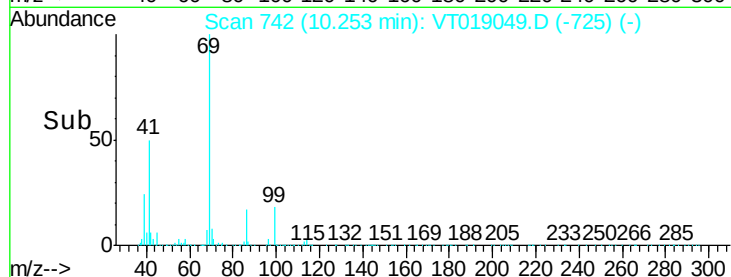
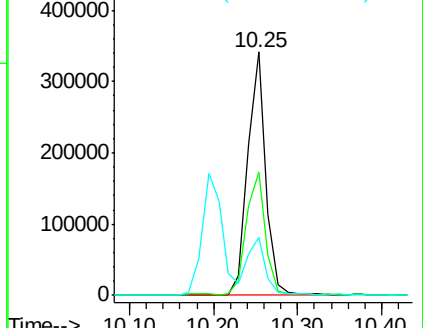
39 24.0 21.2 31.8



Abundance Ion 69.10 (68.80 to 69.80): VT0

Ion 41.10 (40.80 to 41.80): VT0

Ion 39.10 (38.80 to 39.80): VT0



#56

1,3-Dichloropropane

Concen: 48.42 ug/l

RT: 10.53 min Scan# 765

Delta R.T. -0.00 min

Lab File: VT019049.D

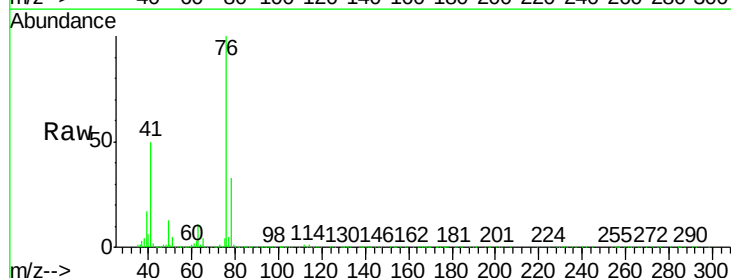
Acq: 9 May 2018 10:08

Tgt Ion: 76 Resp: 769166

Ion Ratio Lower Upper

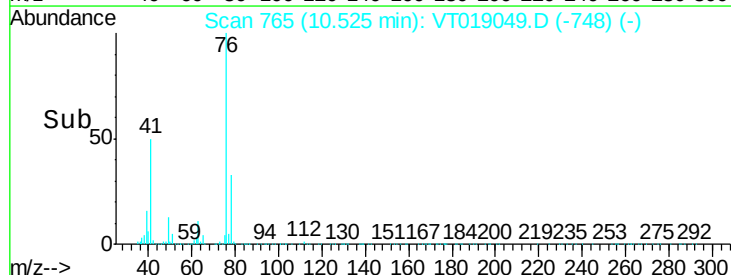
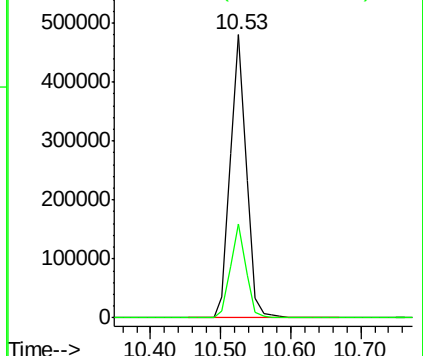
76 100

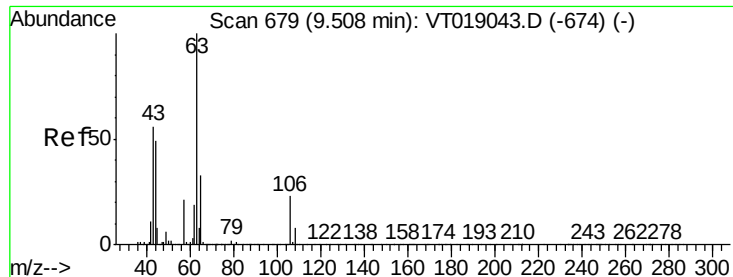
78 33.0 24.1 36.1



Abundance Ion 76.10 (75.80 to 76.80): VT0

Ion 78.10 (77.80 to 78.80): VT0





#57

2-Chloroethyl Vinyl ether

Concen: 238.52 ug/l

RT: 9.51 min Scan# 679

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

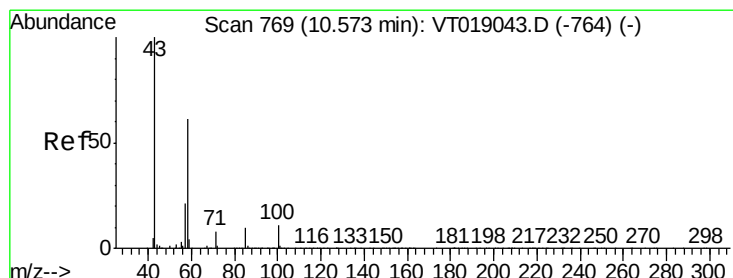
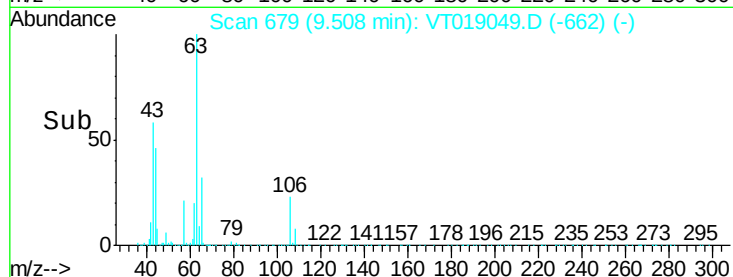
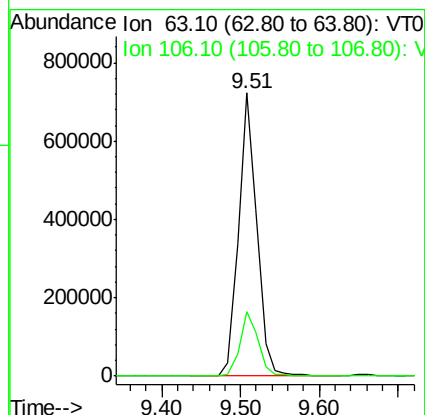
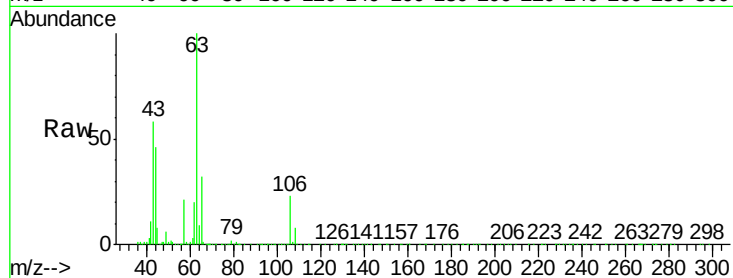
VSTDCCC050

Tot Ion: 63 Resp: 1169385

Ion Ratio Lower Upper

63 100

106 22.6 18.7 28.1



#58

2-Hexanone

Concen: 245.92 ug/l

RT: 10.57 min Scan# 769

Delta R.T. -0.00 min

Lab File: VT019049.D

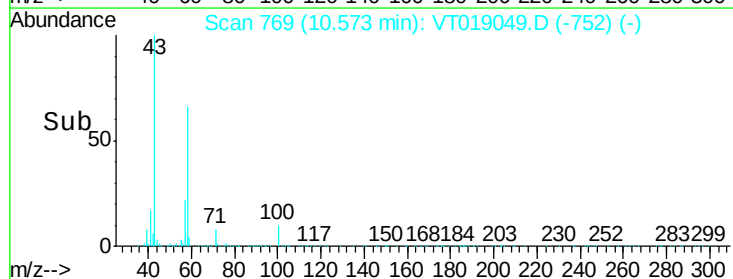
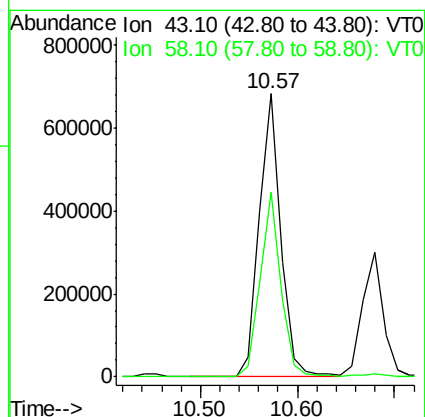
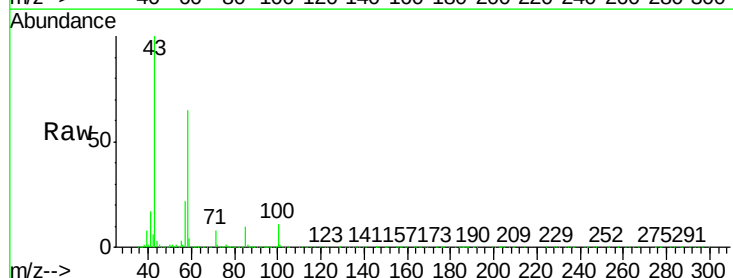
Acq: 9 May 2018 10:08

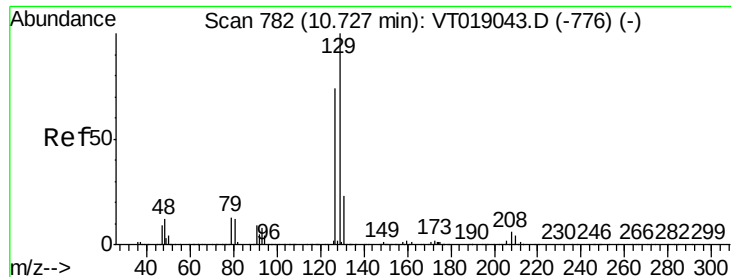
Tgt Ion: 43 Resp: 1053817

Ion Ratio Lower Upper

43 100

58 65.4 30.6 92.0





#59

Dibromochloromethane

Concen: 48.49 ug/l

RT: 10.73 min Scan# 782

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

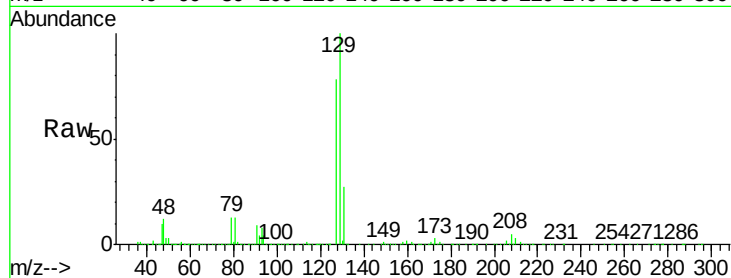
VSTDCCC050

Tot Ion:129 Resp: 447803

Ion Ratio Lower Upper

129 100

127 78.4 37.3 111.8



Abundance Ion 128.90 (128.60 to 129.60): V

Ion 126.90 (126.60 to 127.60): V

10.73

250000

200000

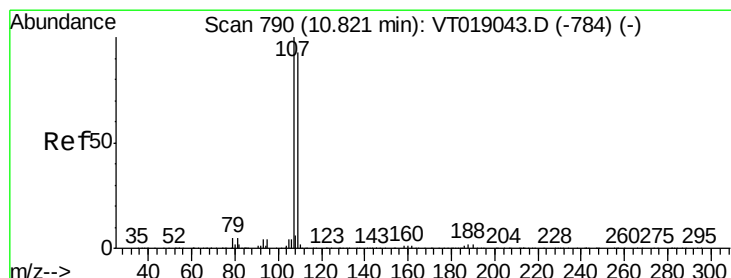
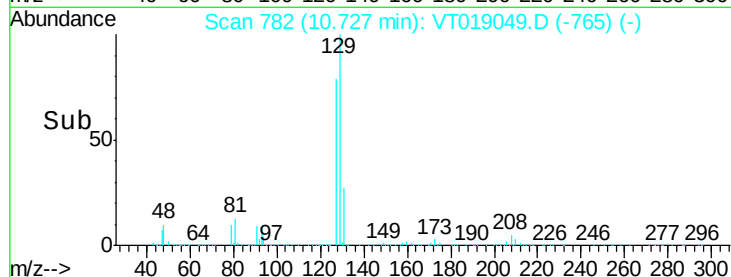
150000

100000

50000

0

Time-->



#60

1,2-Dibromoethane

Concen: 48.73 ug/l

RT: 10.82 min Scan# 790

Delta R.T. -0.00 min

Lab File: VT019049.D

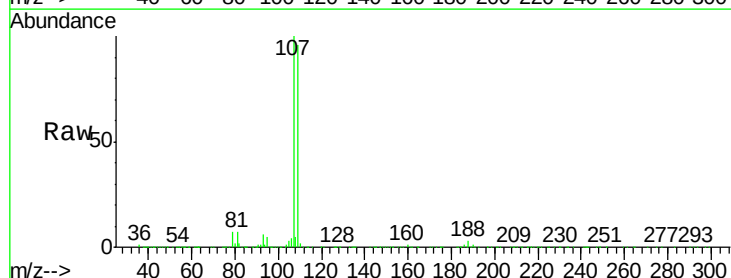
Acq: 9 May 2018 10:08

Tgt Ion:107 Resp: 374043

Ion Ratio Lower Upper

107 100

109 96.0 74.3 111.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.82

250000

200000

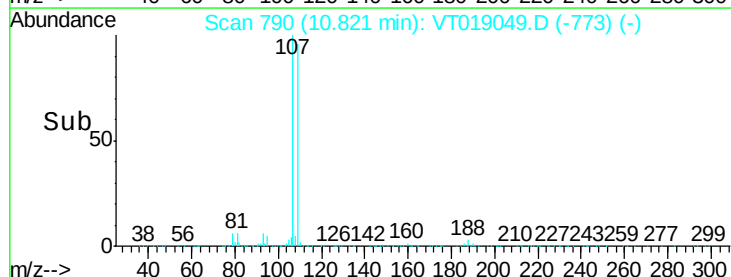
150000

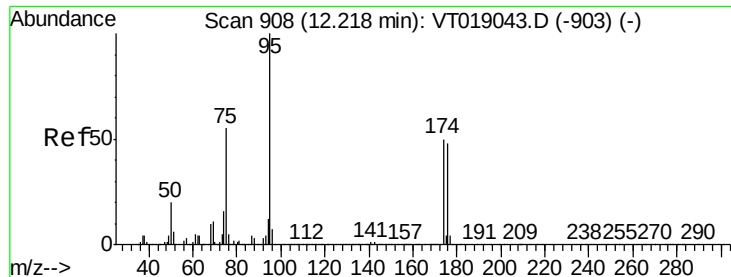
100000

50000

0

Time-->





#61

4-Bromofluorobenzene

Concen: 49.50 ug/l

RT: 12.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

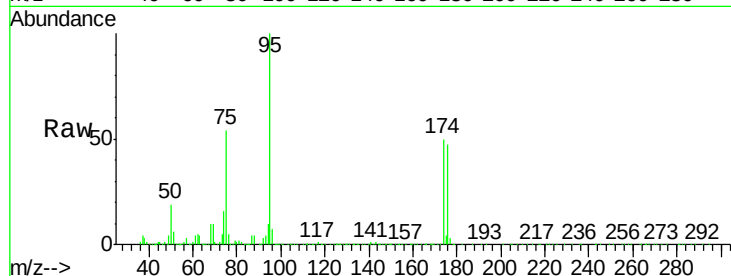
Tot Ion: 95 Resp: 943609

Ion Ratio Lower Upper

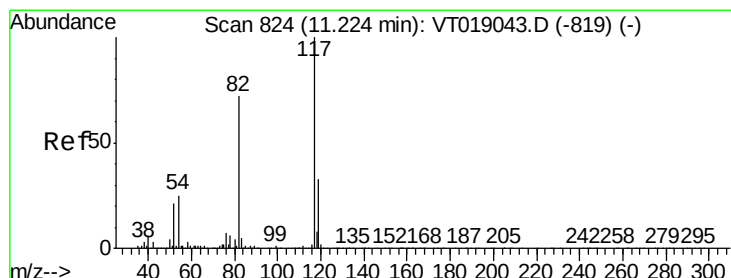
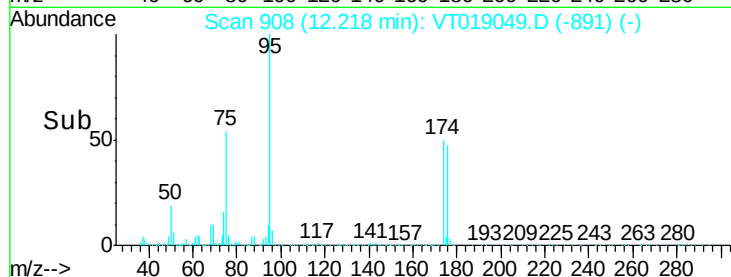
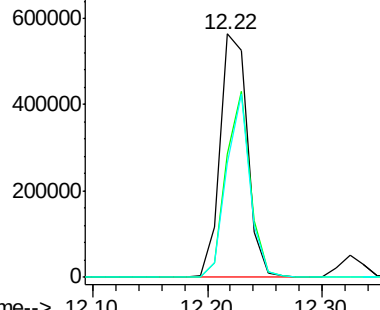
95 100

174 50.4 0.0 100.0

176 47.2 0.0 96.6



Abundance Ion 95.10 (94.80 to 95.80): VT0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

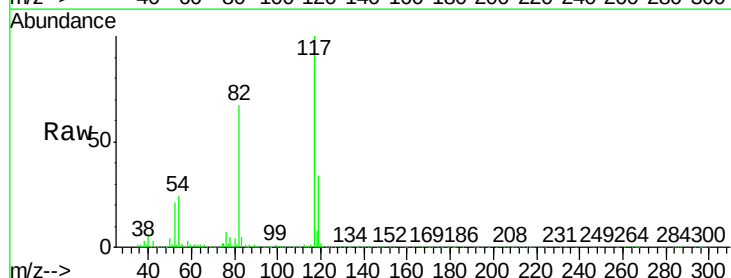
Tgt Ion: 117 Resp: 1750266

Ion Ratio Lower Upper

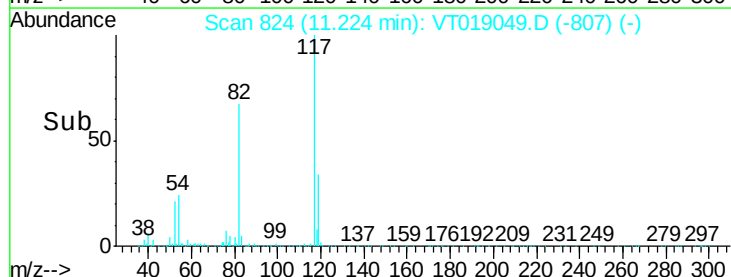
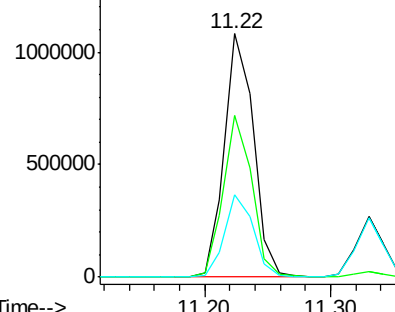
117 100

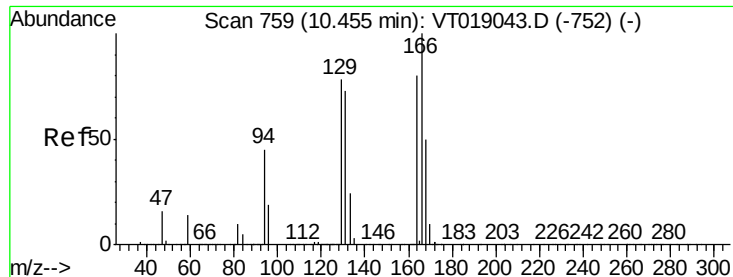
82 66.7 57.6 86.4

119 33.9 26.6 40.0



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VT0
Ion 119.10 (118.80 to 119.80): V

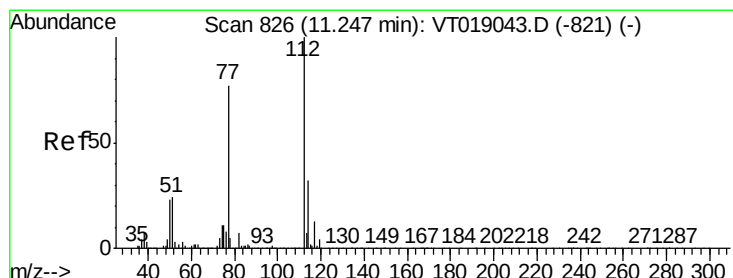
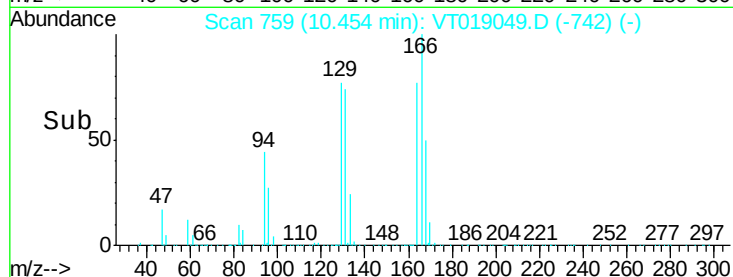
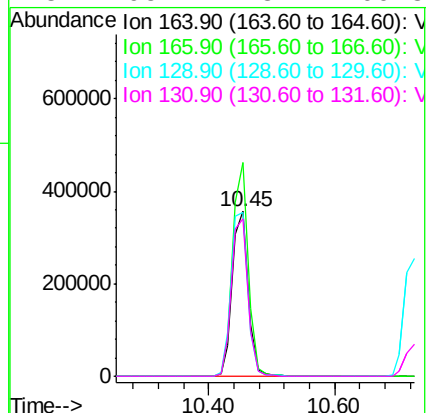
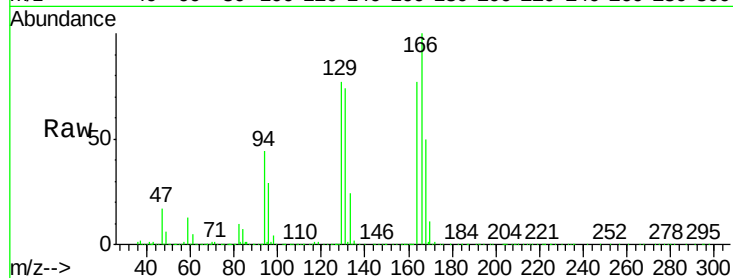




#63
Tetrachloroethene
Concen: 51.96 ug/l
RT: 10.45 min Scan# 759
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

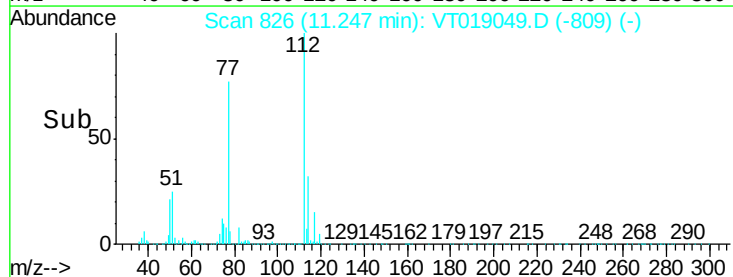
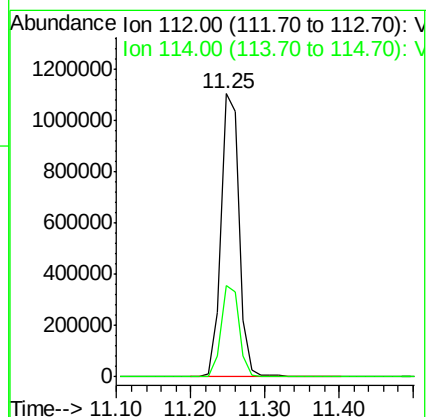
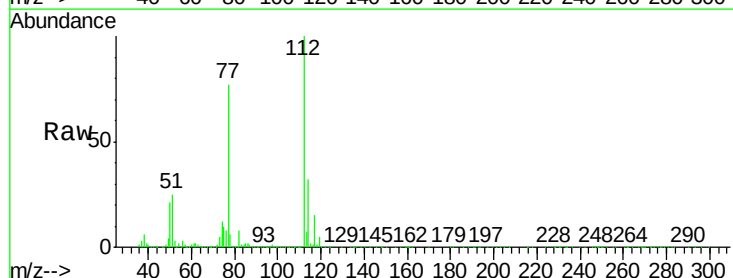
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

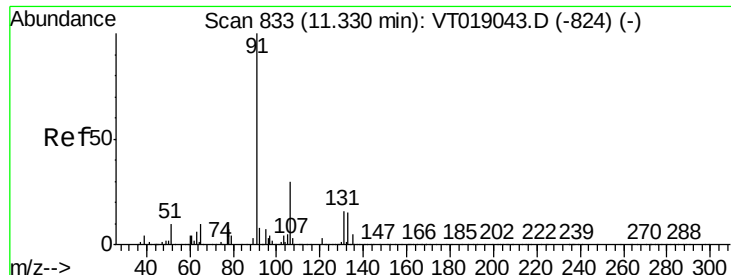
Tot Ion	Ratio	Lower	Upper
164	100		
166	129.6	100.6	151.0
129	99.7	78.1	117.1
131	95.4	73.2	109.8



#64
Chlorobenzene
Concen: 52.48 ug/l
RT: 11.25 min Scan# 826
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.5	38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 52.43 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

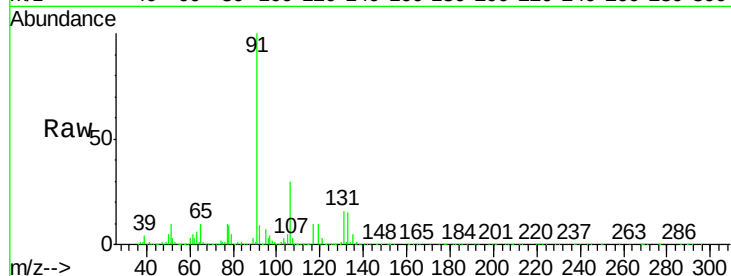
Tot Ion:131 Resp: 616910

Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

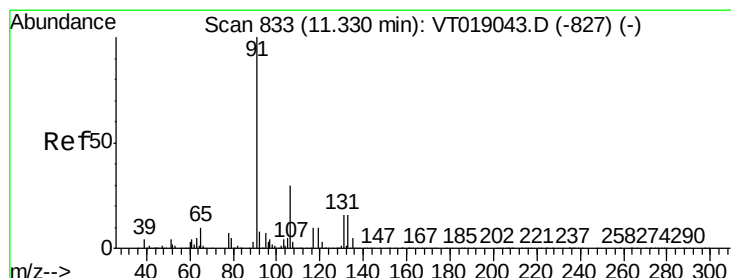
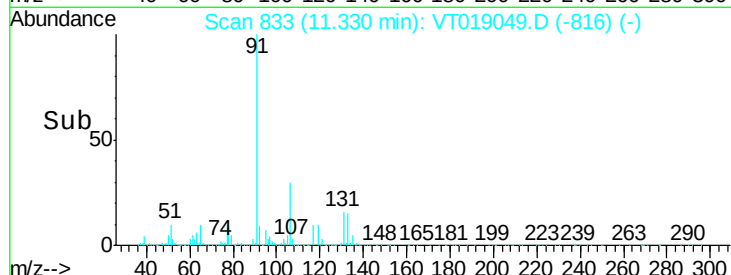
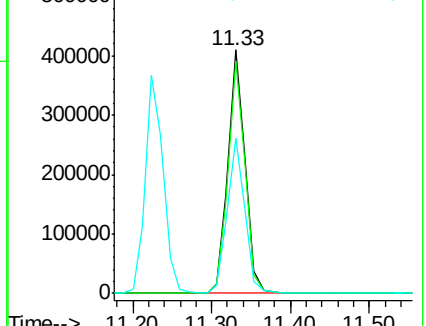
119 63.8 31.8 95.4



Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.90 (118.60 to 119.60): V



#66

Ethyl Benzene

Concen: 56.90 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019049.D

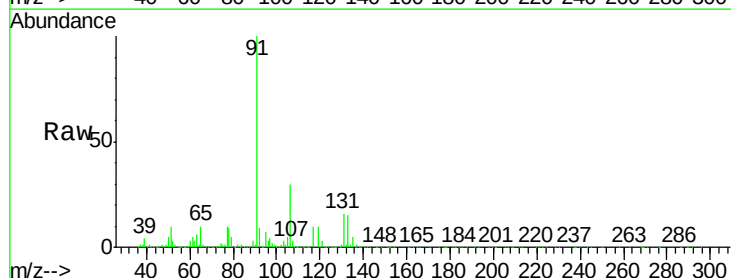
Acq: 9 May 2018 10:08

Tgt Ion: 91 Resp: 3955551

Ion Ratio Lower Upper

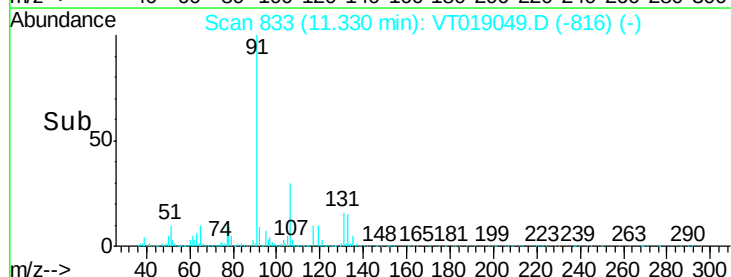
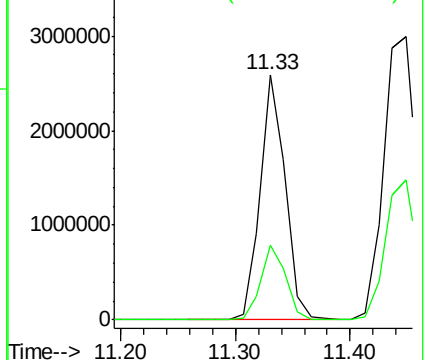
91 100

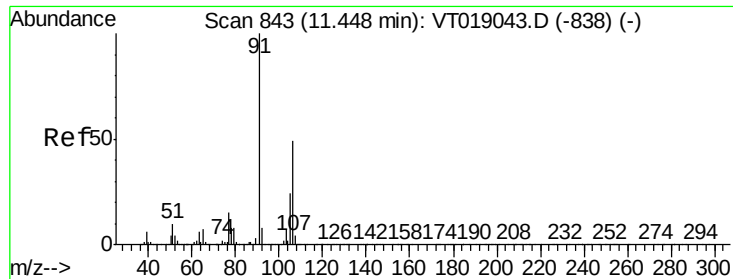
106 30.4 24.0 36.0



Abundance Ion 91.10 (90.80 to 91.80): VT0

Ion 106.10 (105.80 to 106.80): V

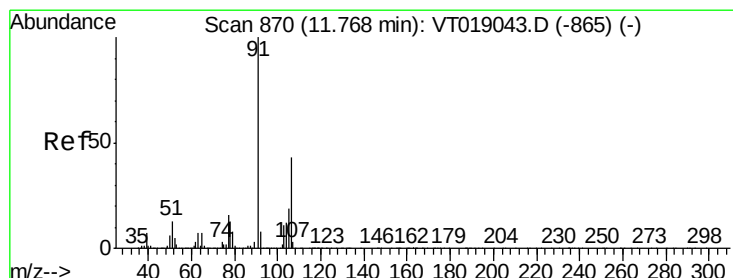
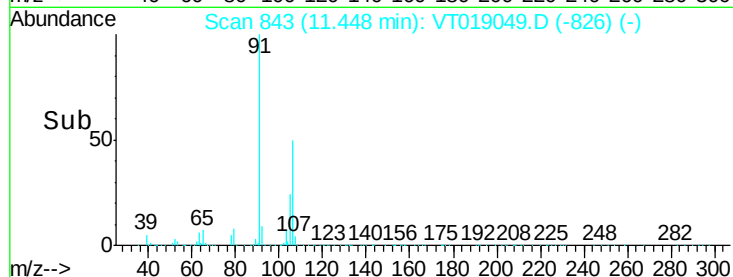
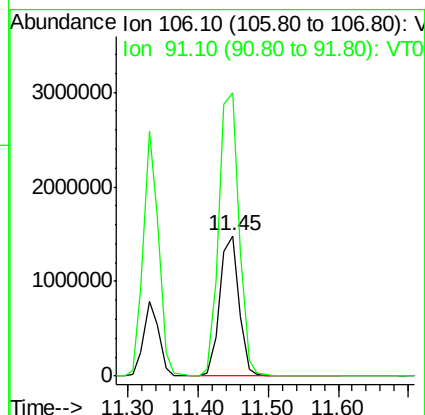
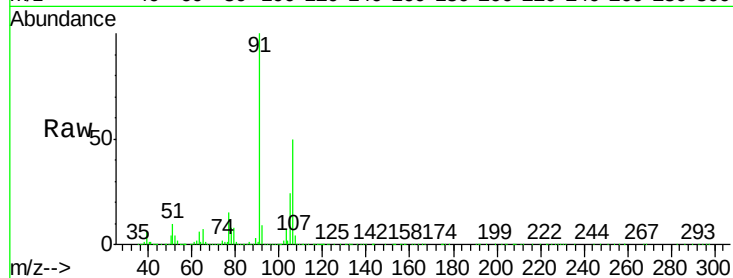




#67
m/p-Xylenes
Concen: 109.46 ug/l
RT: 11.45 min Scan# 843
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

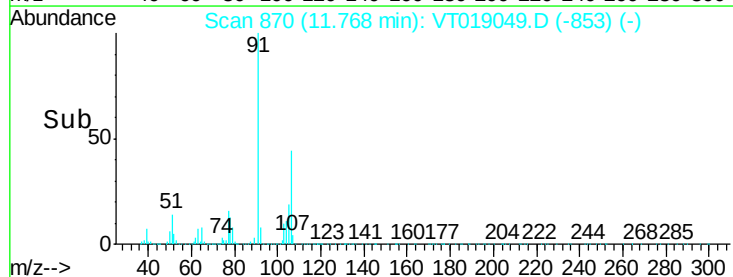
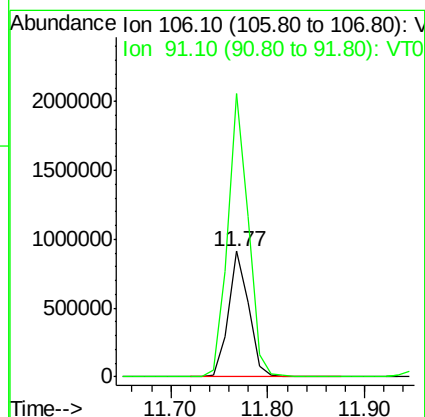
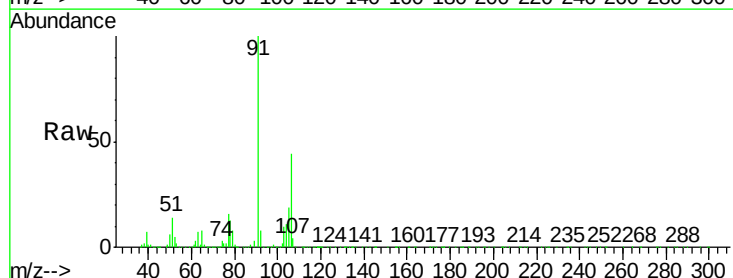
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

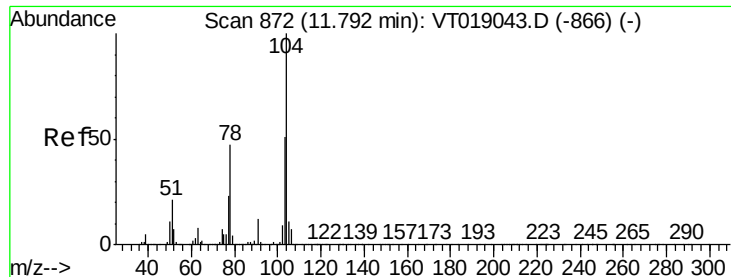
Tot Ion:106 Resp: 2829621
Ion Ratio Lower Upper
106 100
91 201.6 162.2 243.4



#68
o-Xylene
Concen: 54.38 ug/l
RT: 11.77 min Scan# 870
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion:106 Resp: 1318738
Ion Ratio Lower Upper
106 100
91 225.7 116.0 348.0





#69

Stvrene

Concen: 54.38 ug/l

RT: 11.79 min Scan# 872

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

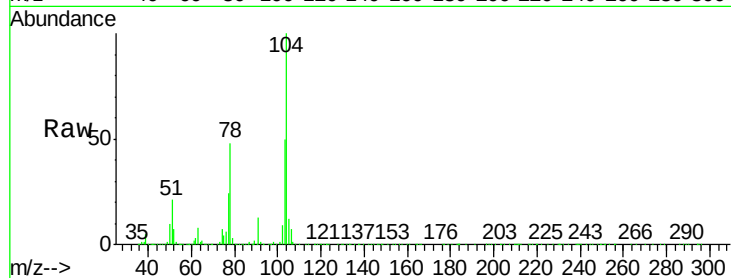
Tot Ion:104 Resp: 2041940

Ion Ratio Lower Upper

104 100

78 48.2 38.0 57.0

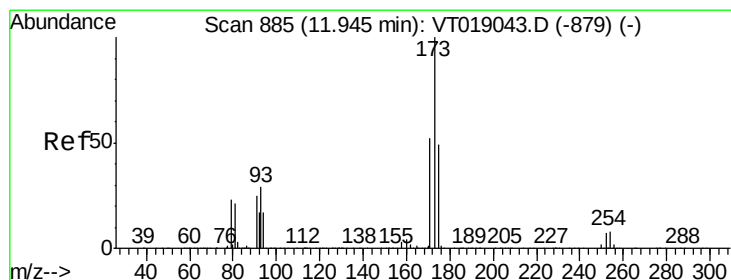
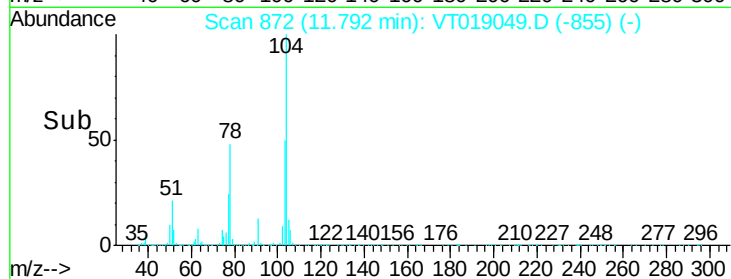
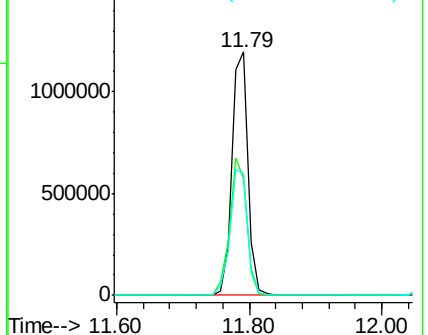
103 50.0 40.6 61.0



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: 49.48 ug/l

RT: 11.95 min Scan# 885

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

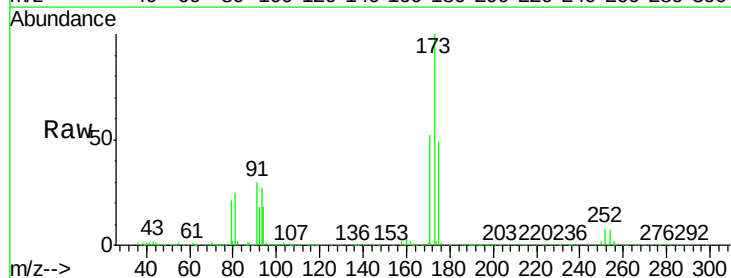
Tgt Ion:173 Resp: 221227

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

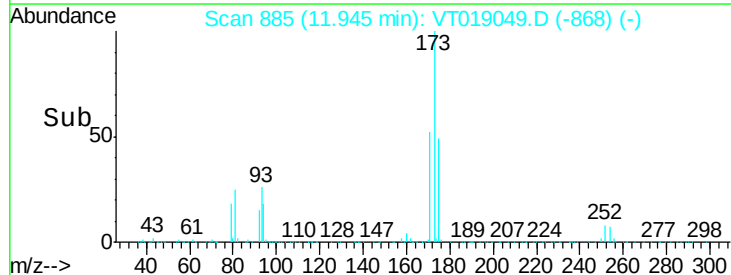
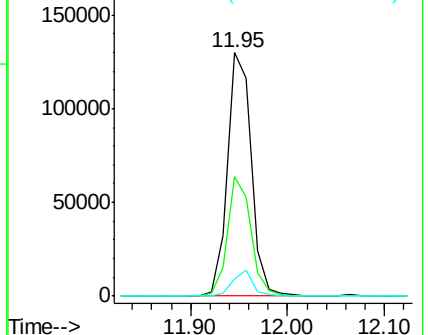
254 6.9 6.1 9.1

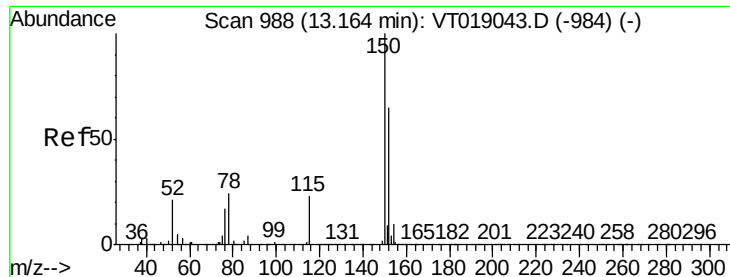


Abundance Ion 172.80 (172.50 to 173.50): V

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: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

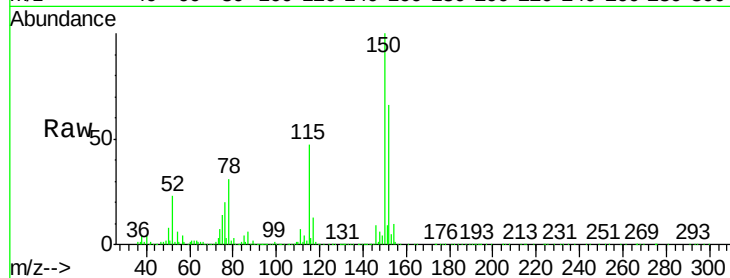
Tot Ion:152 Resp: 804691

Ion Ratio Lower Upper

152 100

115 70.8 34.2 102.6

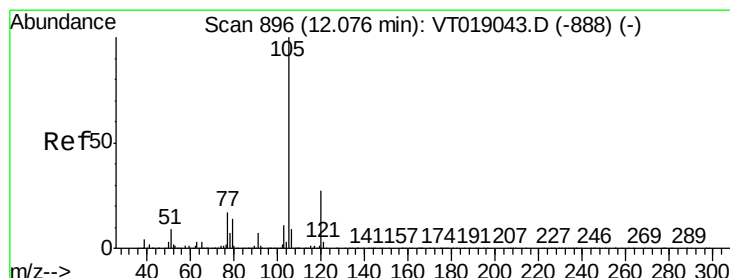
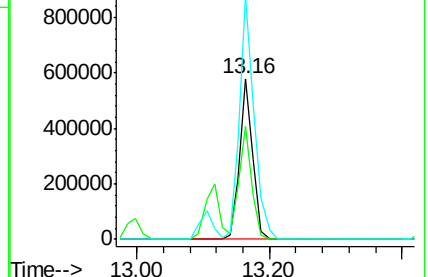
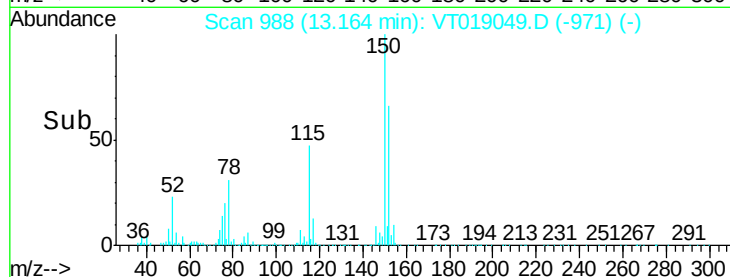
150 151.8 0.0 321.2



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: 59.35 ug/l

RT: 12.08 min Scan# 896

Delta R.T. -0.00 min

Lab File: VT019049.D

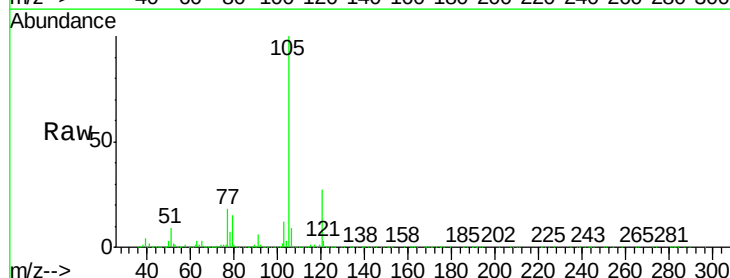
Acq: 9 May 2018 10:08

Tgt Ion:105 Resp: 3856037

Ion Ratio Lower Upper

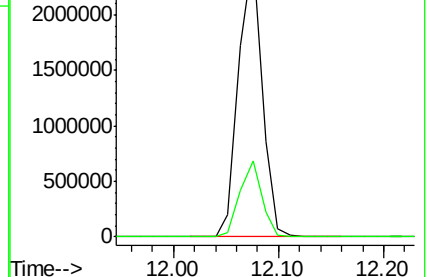
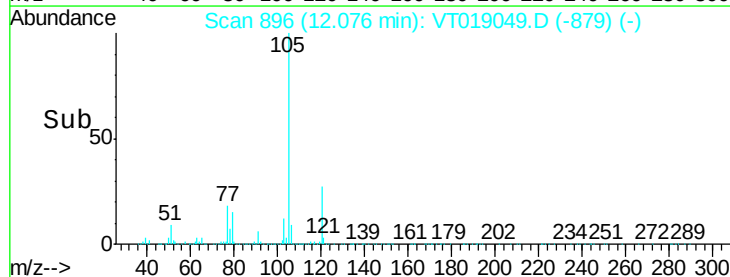
105 100

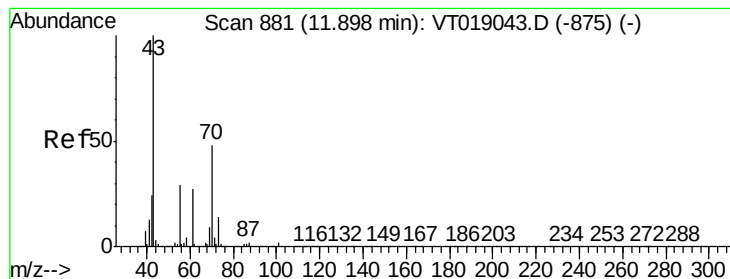
120 26.8 13.6 40.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.10 (119.80 to 120.80): V





#73

N-amvl acetate

Concen: 48.89 ug/l

RT: 11.90 min Scan# 881

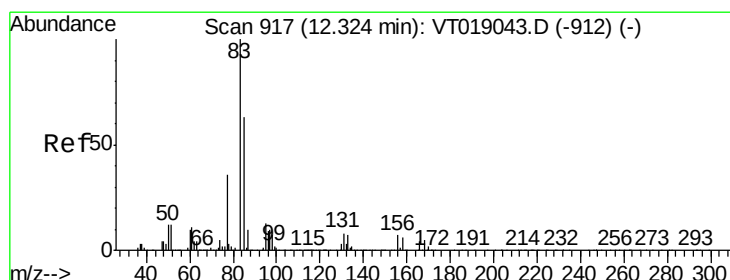
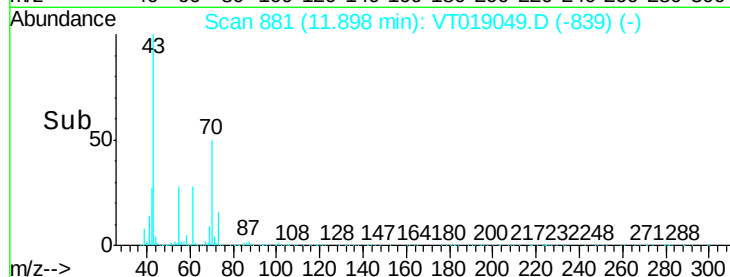
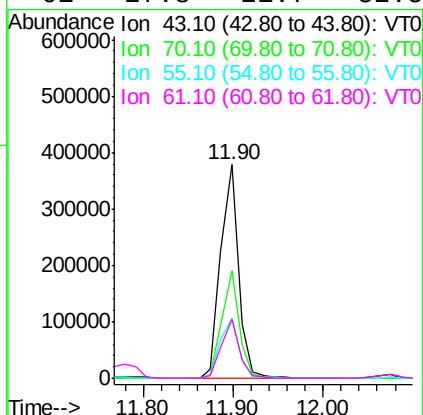
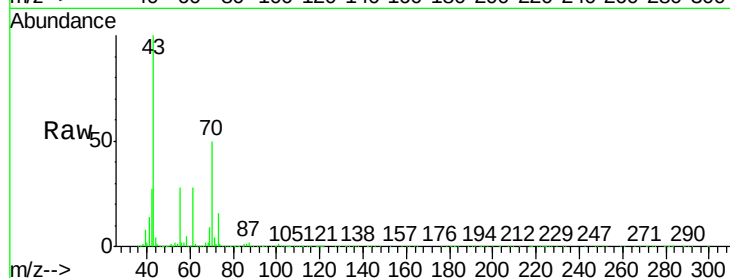
Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	523649
Ion	Ratio	Lower	Upper
43	100		
70	50.4	38.2	57.4
55	28.0	23.5	35.3
61	27.8	21.7	32.5



#74

1,1,2,2-Tetrachloroethane

Concen: 49.34 ug/l

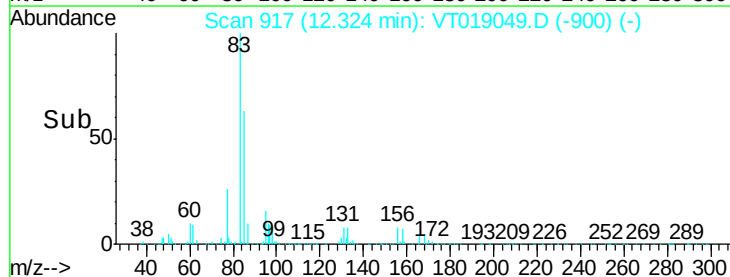
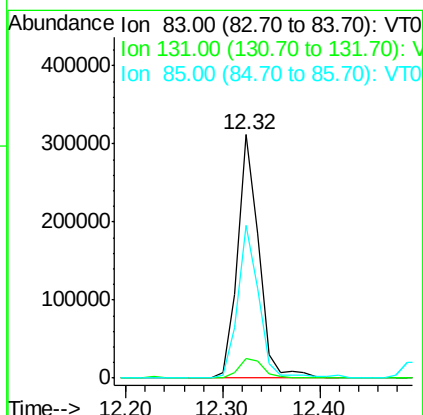
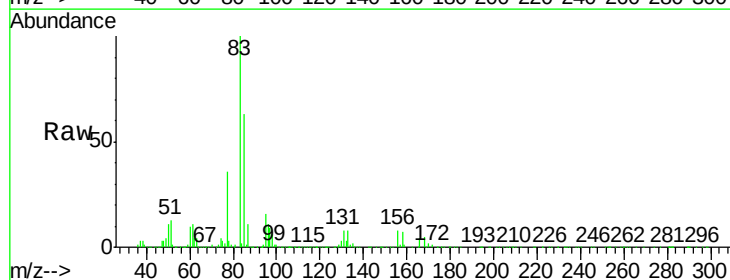
RT: 12.32 min Scan# 917

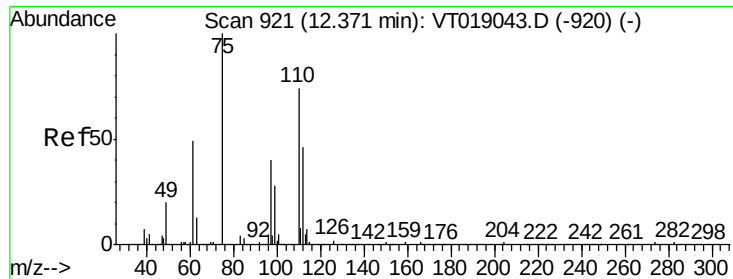
Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Tgt Ion:	83	Resp:	471747
Ion	Ratio	Lower	Upper
83	100		
131	8.2	4.0	12.2
85	63.0	31.4	94.3

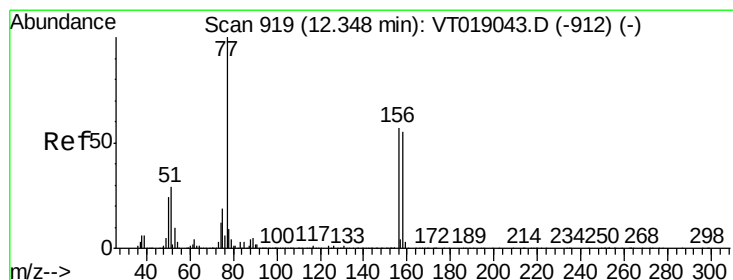
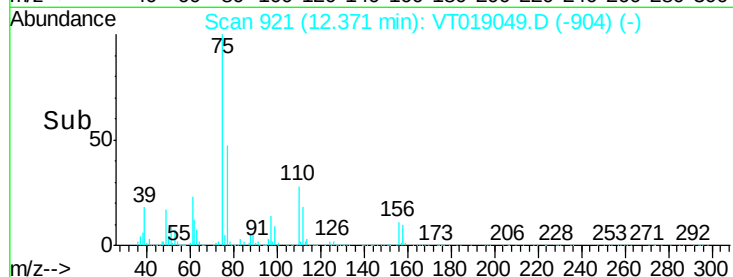
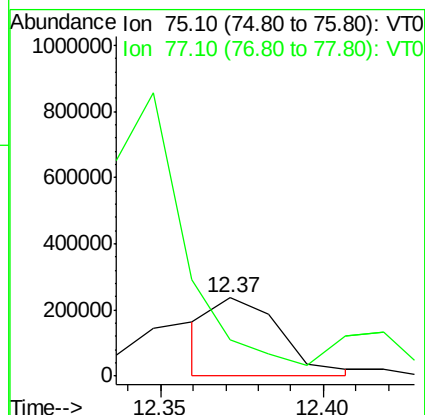
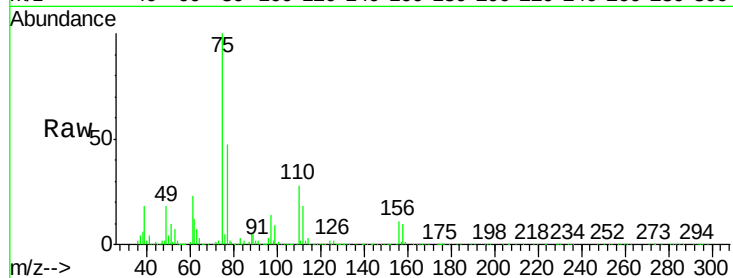




#75
 1,2,3-Trichloropropane
 Concen: 50.07 ug/l m
 RT: 12.37 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

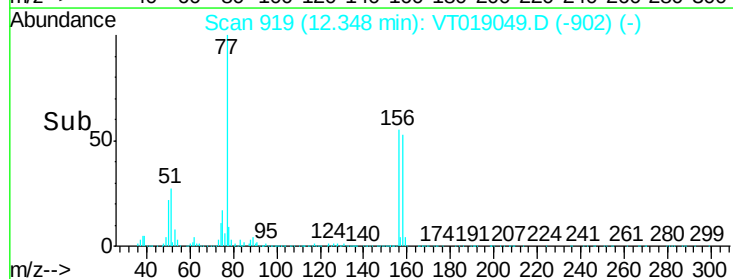
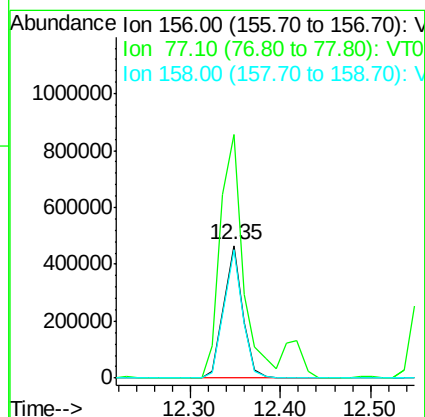
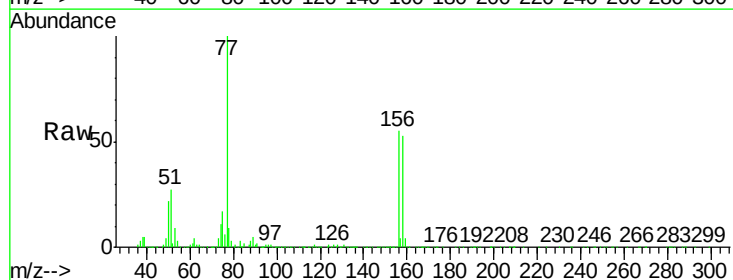
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

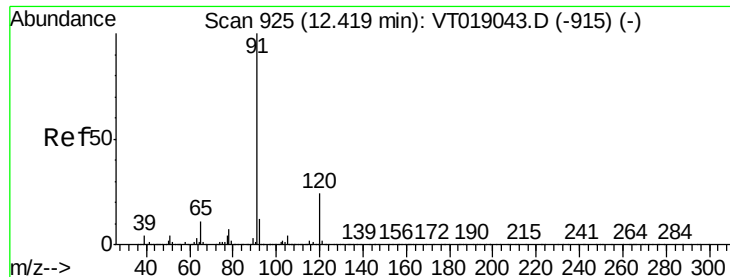
Tot Ion: 75 Resp: 342691
 Ion Ratio Lower Upper
 75 100
 77 46.8 21.1 63.1



#76
 Bromobenzene
 Concen: 52.57 ug/l
 RT: 12.35 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

Tgt Ion: 156 Resp: 676391
 Ion Ratio Lower Upper
 156 100
 77 183.3 87.8 263.4
 158 97.0 48.3 144.8





#77

n-propylbenzene

Concen: 55.03 ug/l

RT: 12.42 min Scan# 925

Delta R.T. 0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

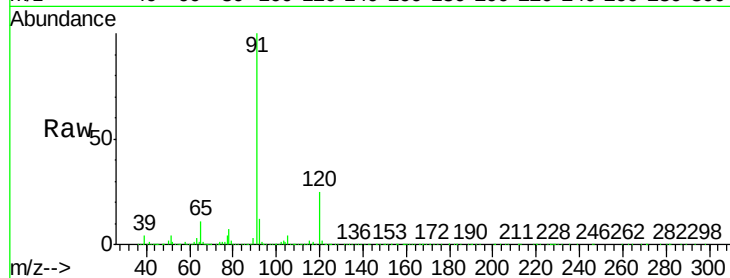
VSTDCCC050

Tot Ion: 91 Resp: 4794893

Ion Ratio Lower Upper

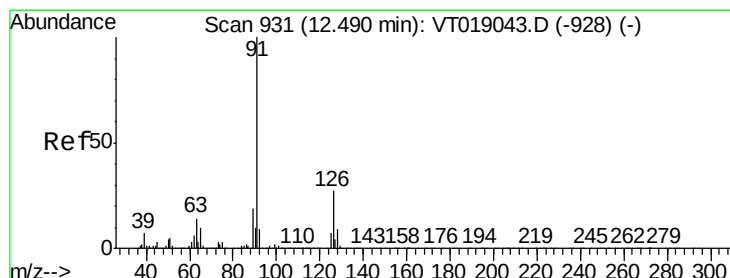
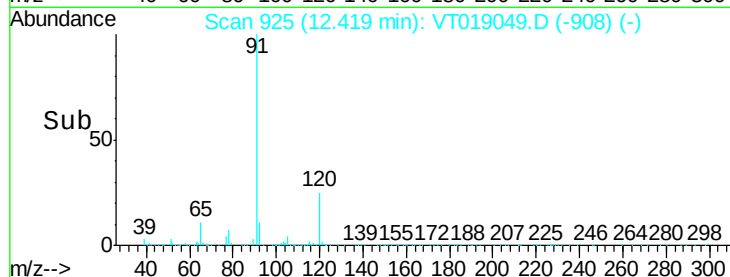
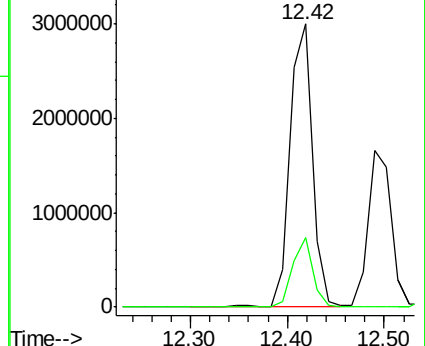
91 100

120 24.7 12.0 36.1



Abundance Ion 91.10 (90.80 to 91.80): VT0

Ion 120.10 (119.80 to 120.80): V



#78

2-Chlorotoluene

Concen: 57.00 ug/l

RT: 12.49 min Scan# 931

Delta R.T. -0.00 min

Lab File: VT019049.D

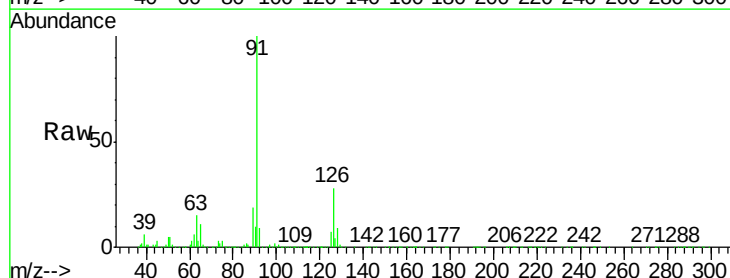
Acq: 9 May 2018 10:08

Tgt Ion: 91 Resp: 2717774

Ion Ratio Lower Upper

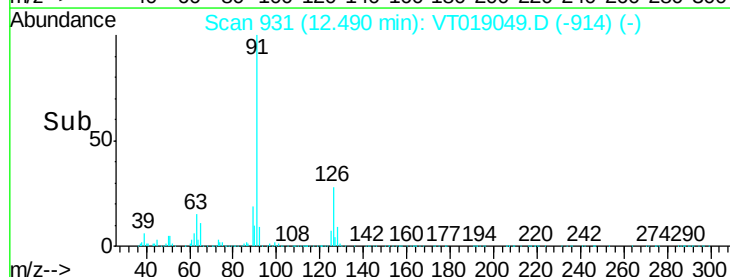
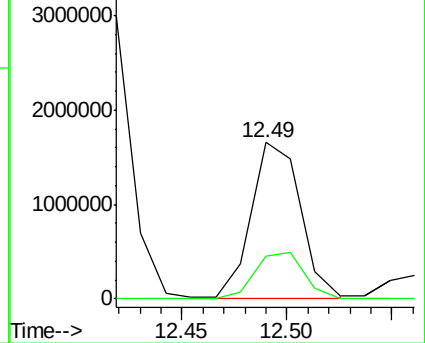
91 100

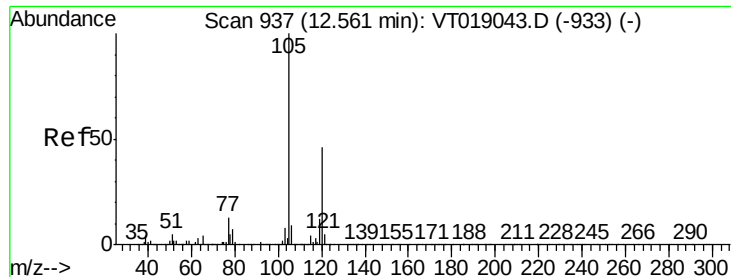
126 27.7 13.5 40.5



Abundance Ion 91.10 (90.80 to 91.80): VT0

Ion 126.00 (125.70 to 126.70): V

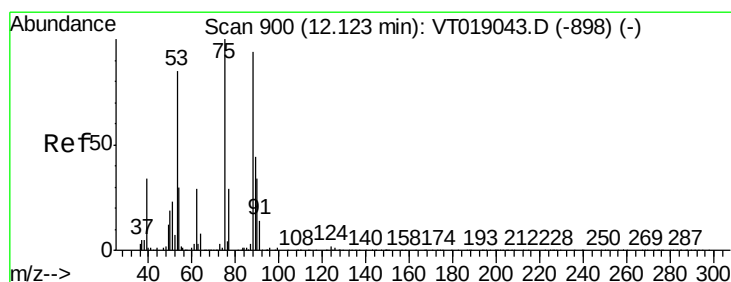
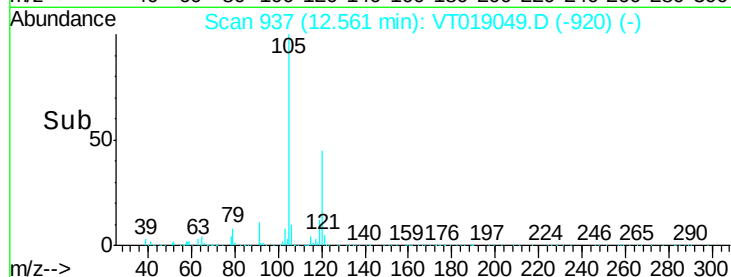
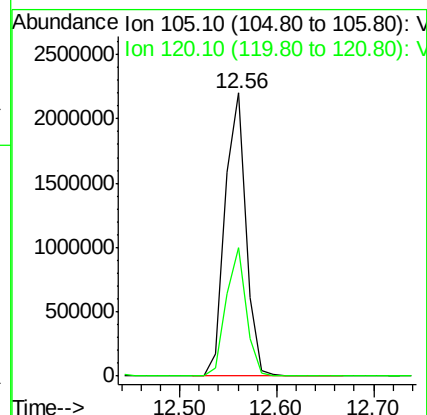
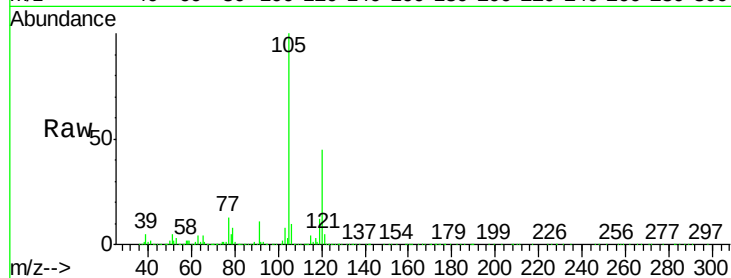




#79
 1,3,5-Trimethylbenzene
 Concen: 58.25 ug/l
 RT: 12.56 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

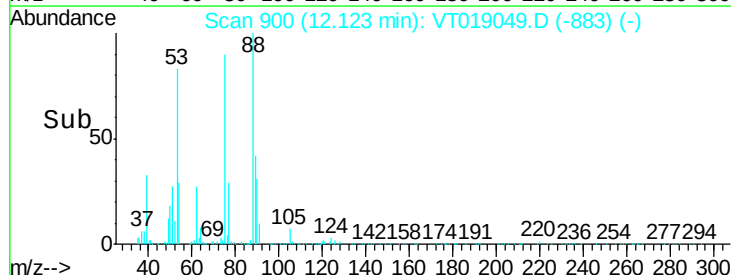
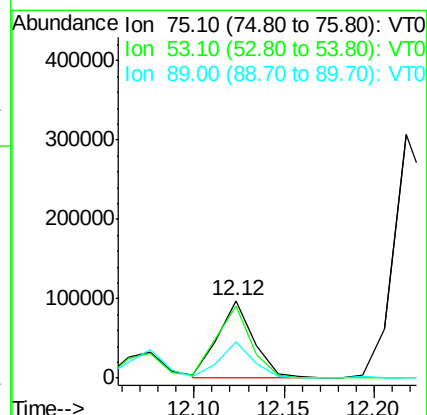
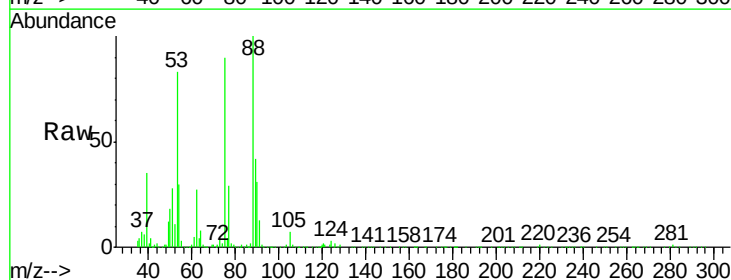
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

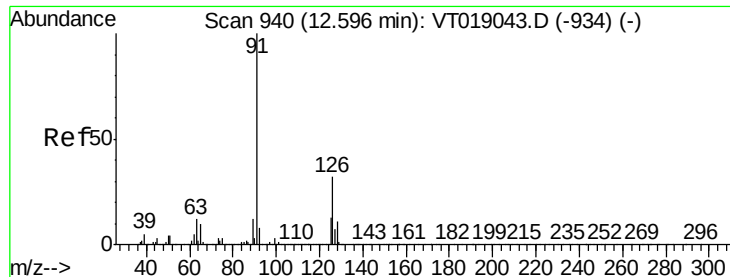
Tot Ion:105 Resp: 3285482
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.5



#80
 trans-1,4-Dichloro-2-butene
 Concen: 51.82 ug/l
 RT: 12.12 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

Tgt Ion: 75 Resp: 133383
 Ion Ratio Lower Upper
 75 100
 53 92.3 70.8 106.2
 89 46.8 35.8 53.8





#81

4-Chlorotoluene

Concen: 56.03 ug/l

RT: 12.60 min Scan# 940

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

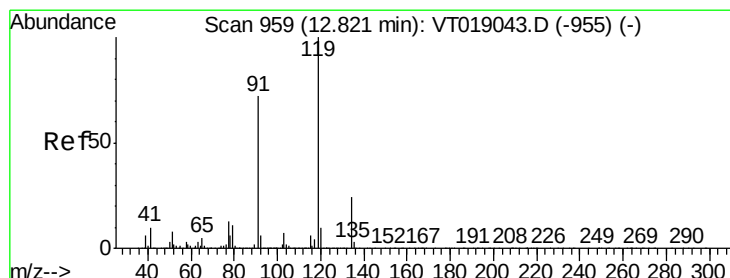
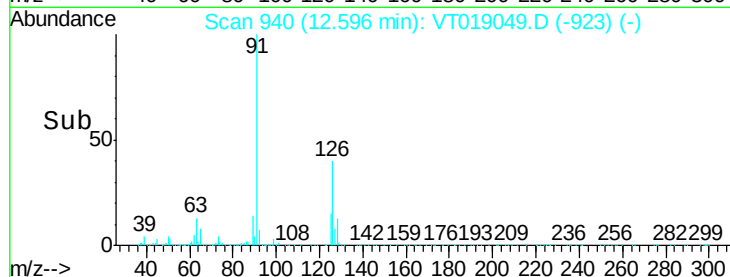
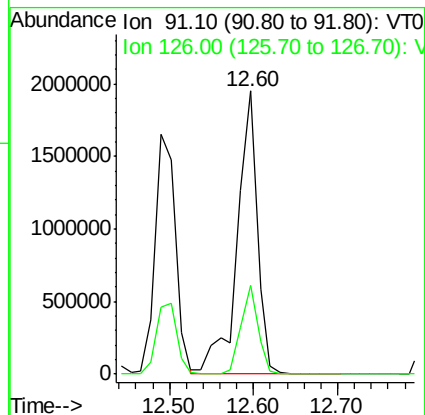
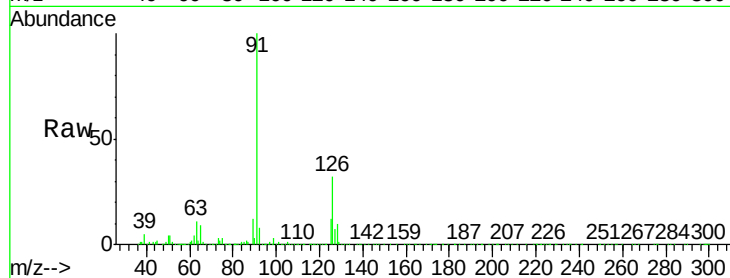
VSTDCCC050

Tot Ion: 91 Resp: 3246153

Ion Ratio Lower Upper

91 100

126 31.5 16.0 47.9



#82

tert-Butylbenzene

Concen: 70.42 ug/l

RT: 12.82 min Scan# 959

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

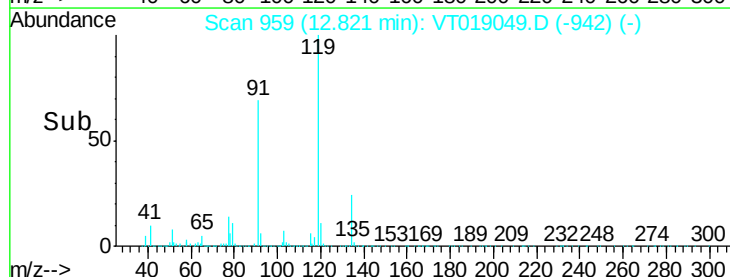
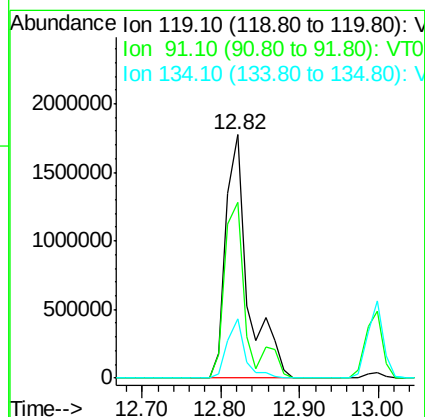
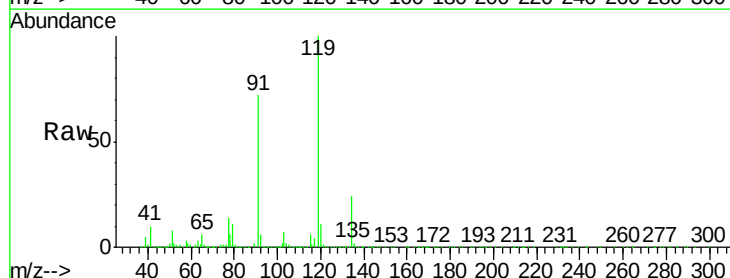
Tgt Ion: 119 Resp: 3461532

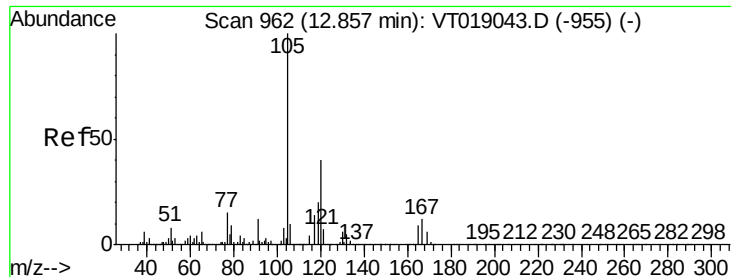
Ion Ratio Lower Upper

119 100

91 72.0 36.1 108.3

134 24.1 12.0 36.1





#83

1,2,4-Trimethylbenzene

Concen: 57.29 ug/l

RT: 12.86 min Scan# 962

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

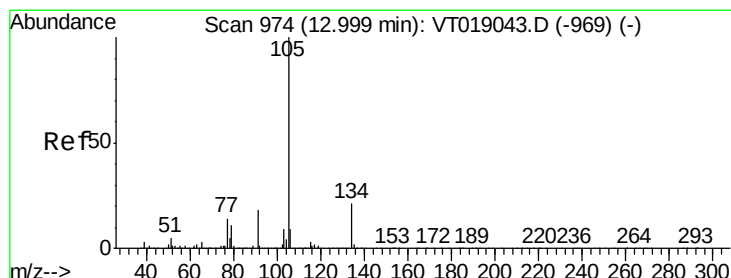
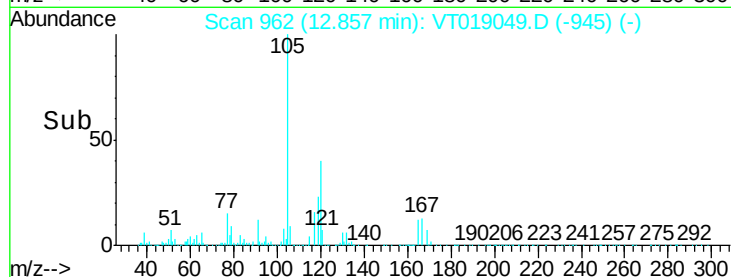
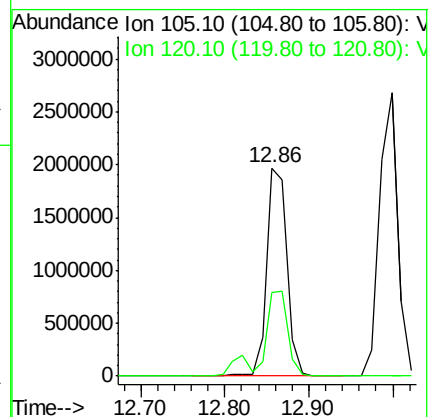
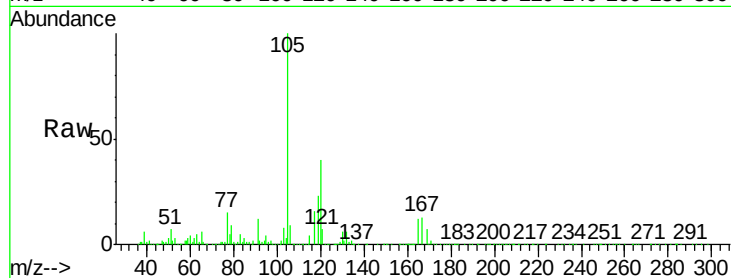
VSTDCCC050

Tot Ion:105 Resp: 3276654

Ion Ratio Lower Upper

105 100

120 40.3 20.0 59.9



#84

sec-Butylbenzene

Concen: 58.87 ug/l

RT: 13.00 min Scan# 974

Delta R.T. -0.00 min

Lab File: VT019049.D

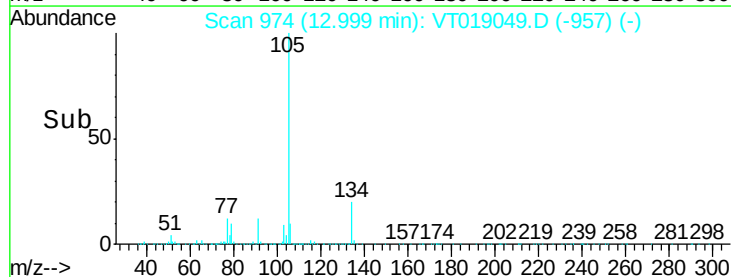
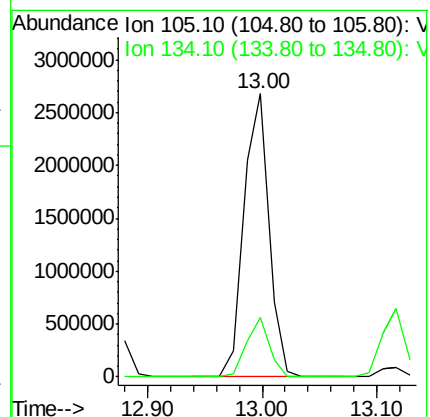
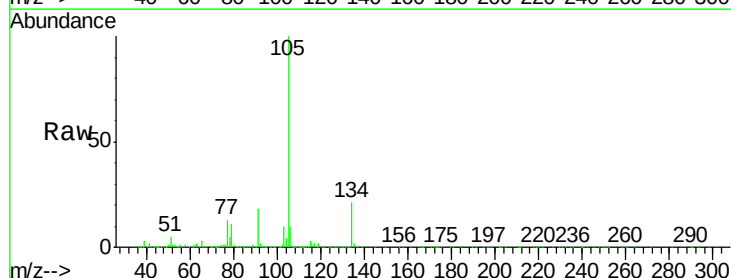
Acq: 9 May 2018 10:08

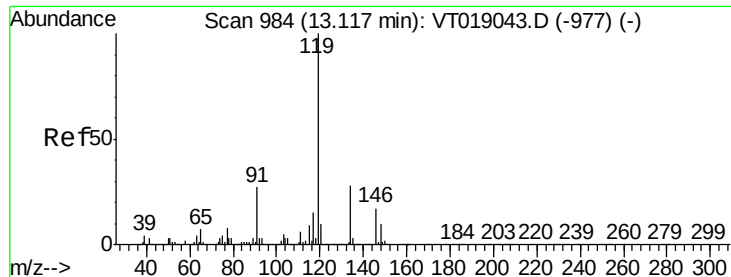
Tgt Ion:105 Resp: 4077137

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2

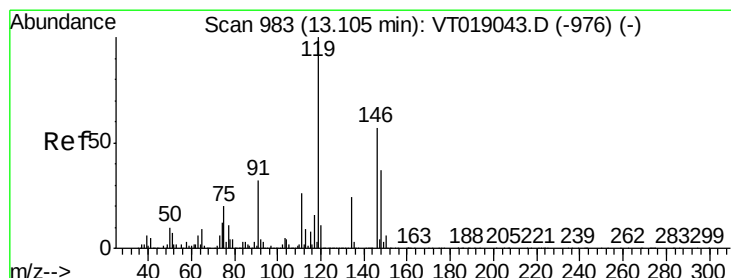
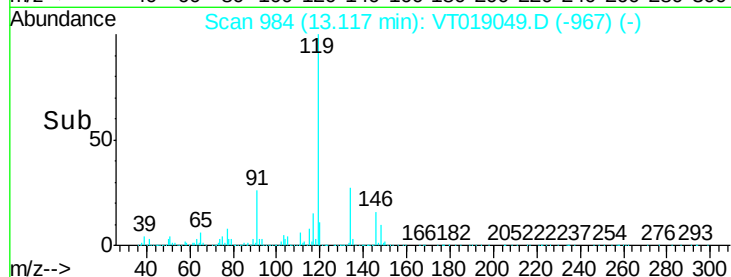
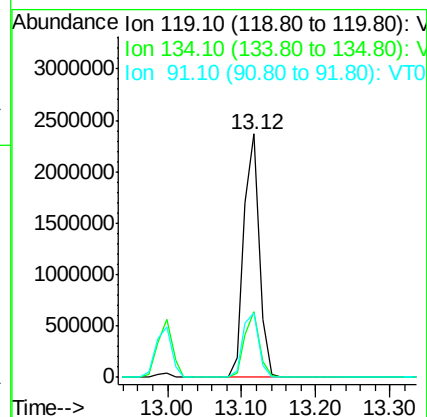
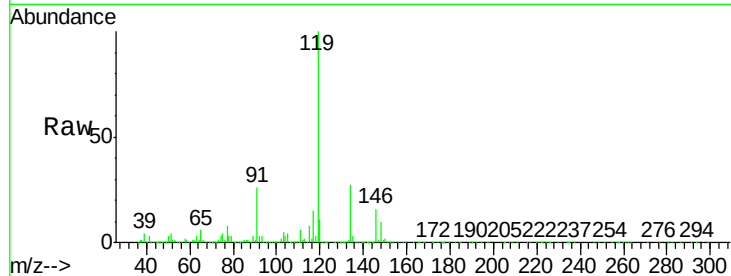




#85
 p-Isopropyltoluene
 Concen: 59.43 ug/l
 RT: 13.12 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

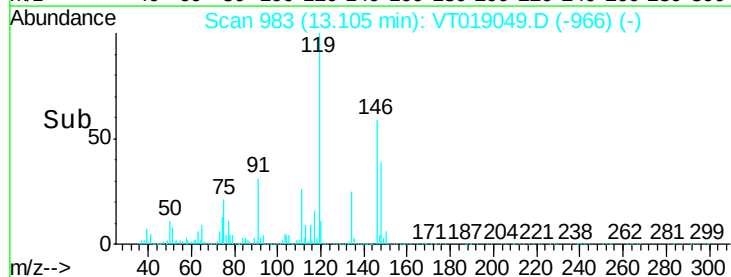
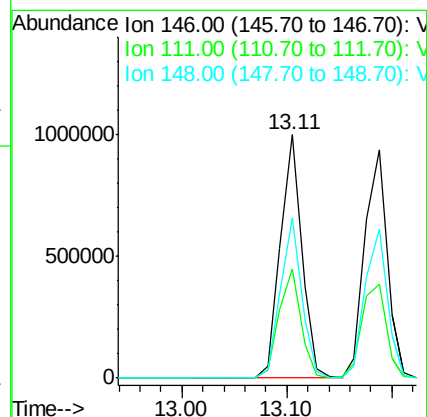
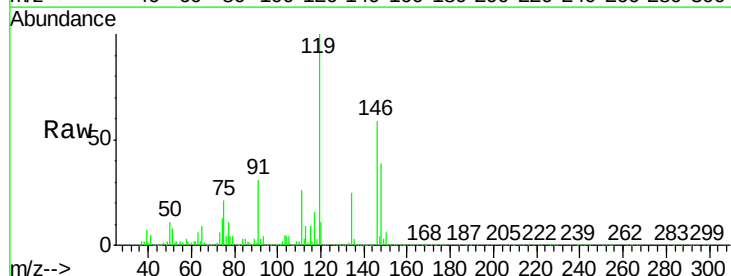
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

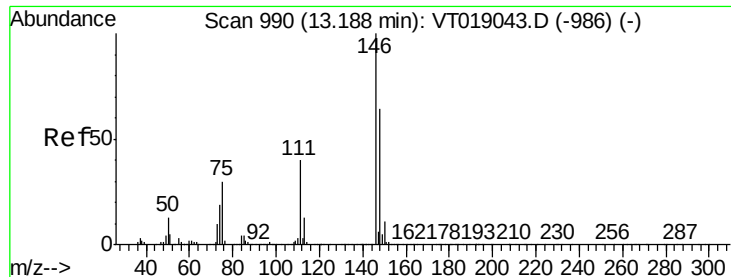
Tot Ion:119 Resp: 3460311
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.1 42.3
 91 26.4 13.5 40.4



#86
 1,3-Dichlorobenzene
 Concen: 52.64 ug/l
 RT: 13.11 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

Tgt Ion:146 Resp: 1428938
 Ion Ratio Lower Upper
 146 100
 111 44.8 23.1 69.2
 148 66.1 32.5 97.5

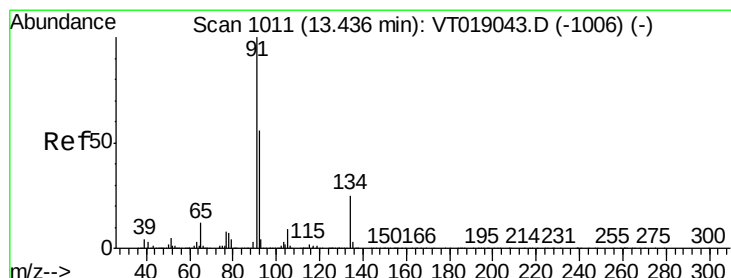
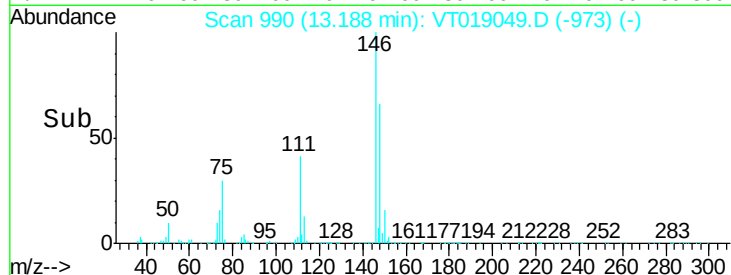
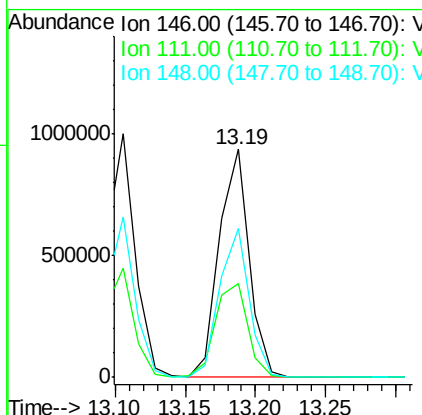
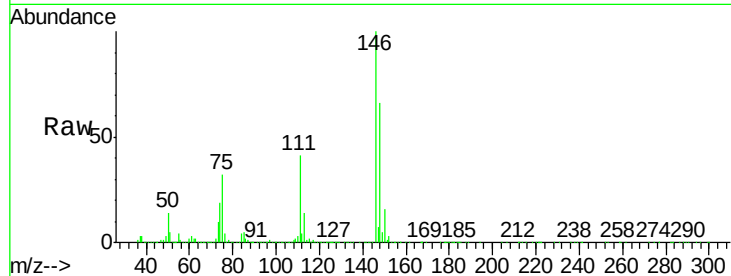




#87
 1,4-Dichlorobenzene
 Concen: 52.57 ug/l
 RT: 13.19 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

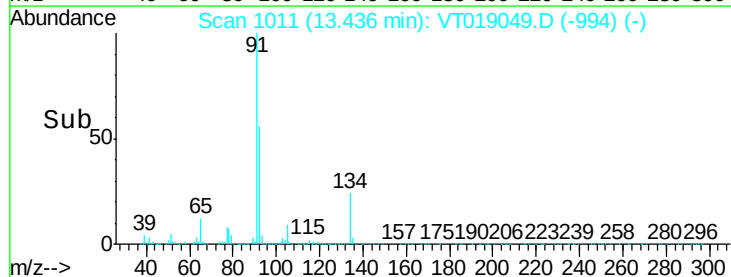
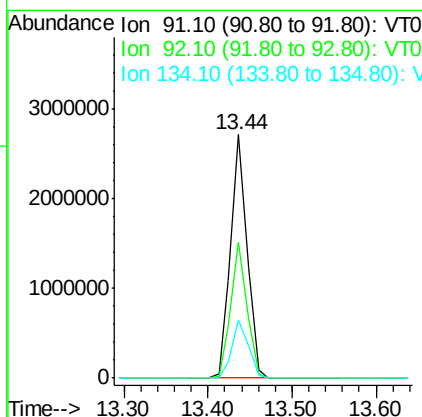
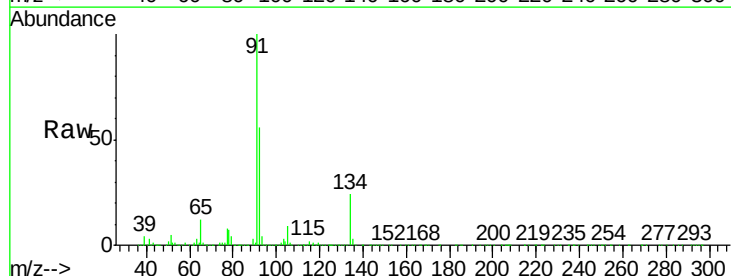
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

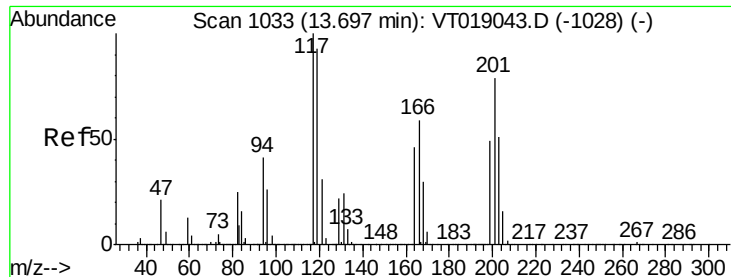
Tot Ion:146 Resp: 1387072
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.8
 148 65.6 32.3 96.8



#88
 n-Butylbenzene
 Concen: 58.98 ug/l
 RT: 13.44 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

Tgt Ion: 91 Resp: 3679643
 Ion Ratio Lower Upper
 91 100
 92 56.1 28.0 84.0
 134 23.9 12.4 37.0





#89

Hexachloroethane

Concen: 56.70 ug/l

RT: 13.70 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

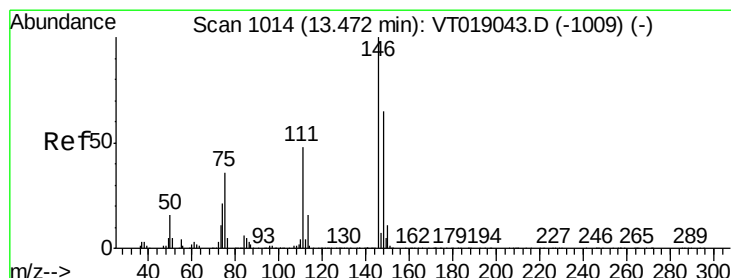
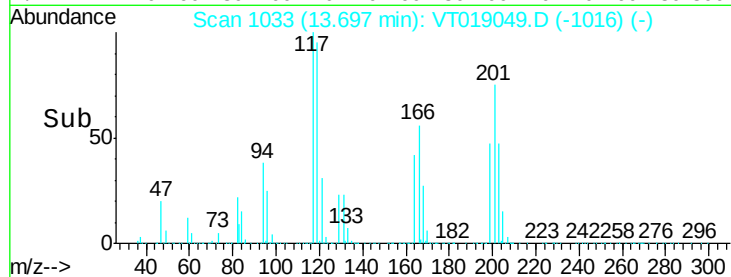
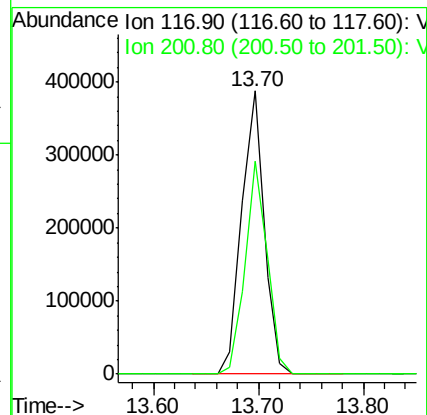
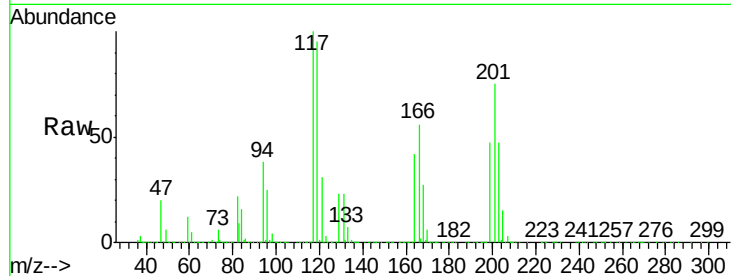
VSTDCCC050

Tot Ion:117 Resp: 572658

Ion Ratio Lower Upper

117 100

201 75.1 39.4 118.1



#90

1,2-Dichlorobenzene

Concen: 51.19 ug/l

RT: 13.47 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

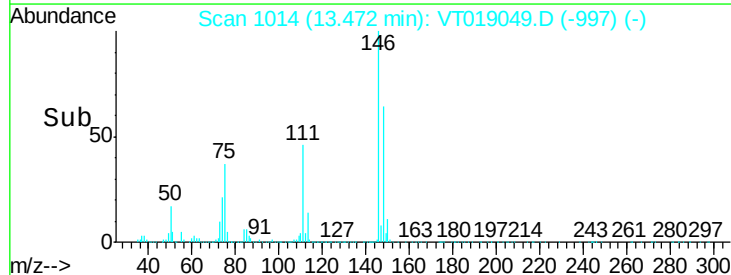
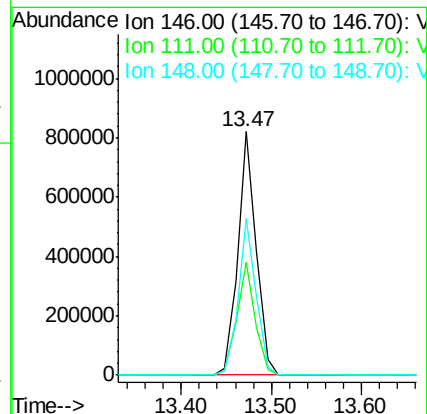
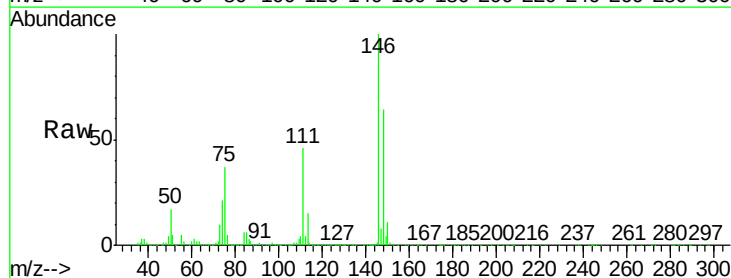
Tgt Ion:146 Resp: 1161639

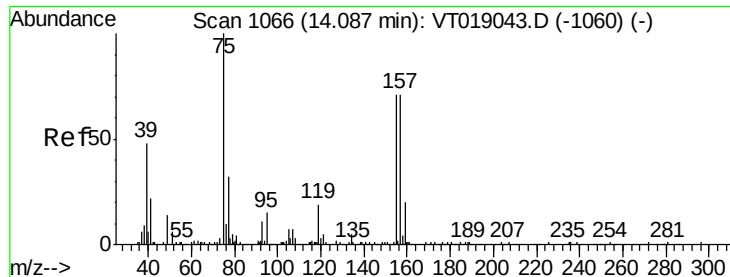
Ion Ratio Lower Upper

146 100

111 46.2 23.8 71.2

148 64.3 32.7 98.1





#91

1,2-Dibromo-3-Chloropropane

Concen: 48.98 ug/l

RT: 14.09 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

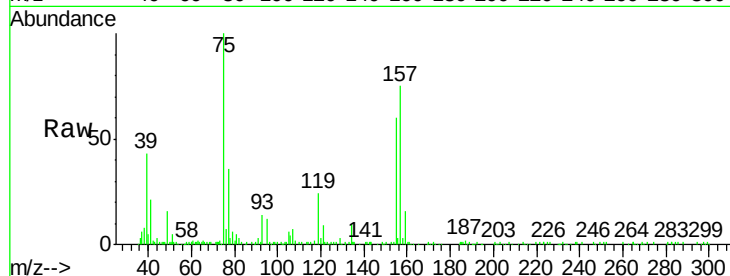
Tot Ion: 75 Resp: 67492

Ion Ratio Lower Upper

75 100

155 60.5 35.6 106.8

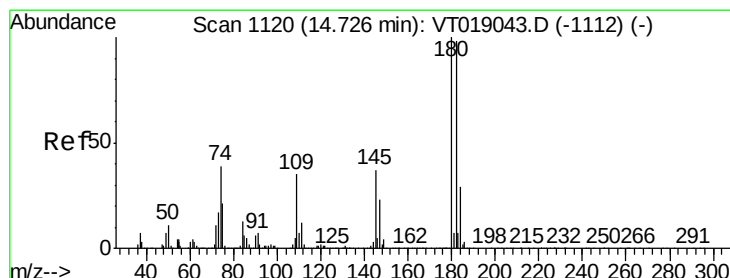
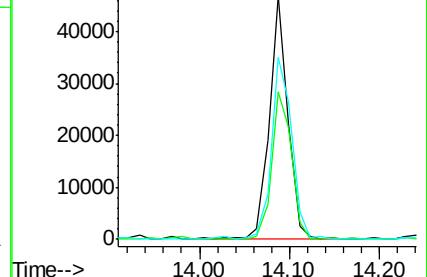
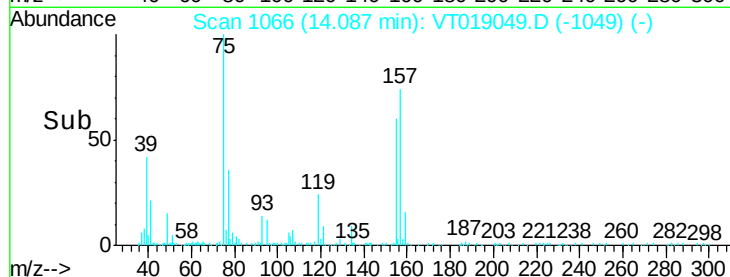
157 74.9 35.8 107.3



Abundance Ion 75.00 (74.70 to 75.70): VT019049.D (-1060) (-)

Ion 154.90 (154.60 to 155.60): VT019049.D (-1060) (-)

Ion 156.90 (156.60 to 157.60): VT019049.D (-1060) (-)



#92

1,2,4-Trichlorobenzene

Concen: 50.64 ug/l

RT: 14.73 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VT019049.D

Acq: 9 May 2018 10:08

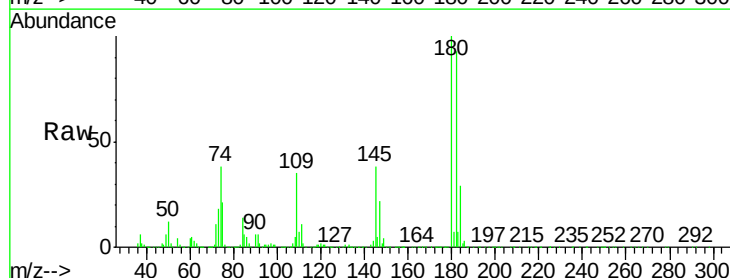
Tgt Ion: 180 Resp: 767901

Ion Ratio Lower Upper

180 100

182 93.3 49.0 147.0

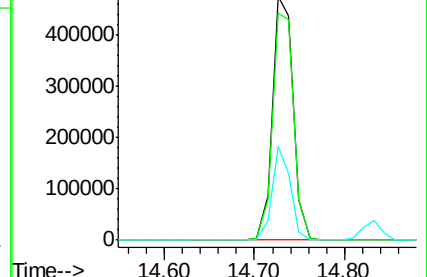
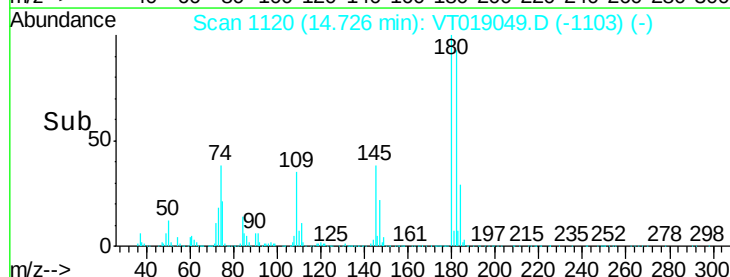
145 38.3 18.3 54.9

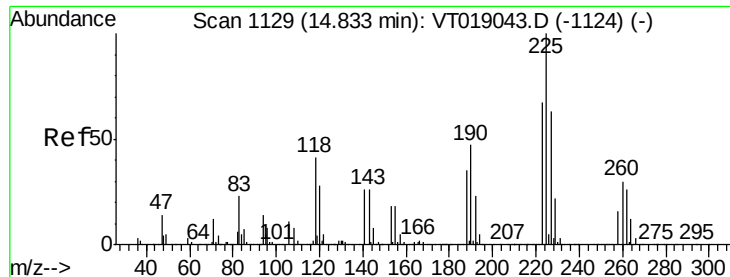


Abundance Ion 179.90 (179.60 to 180.60): VT019049.D (-1112) (-)

Ion 181.90 (181.60 to 182.60): VT019049.D (-1112) (-)

Ion 145.00 (144.70 to 145.70): VT019049.D (-1112) (-)

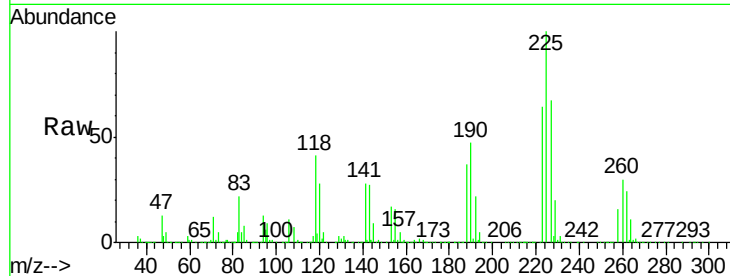




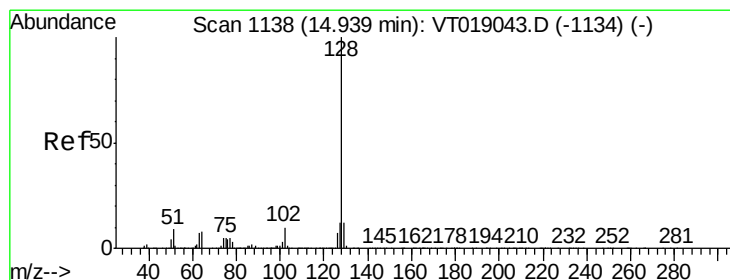
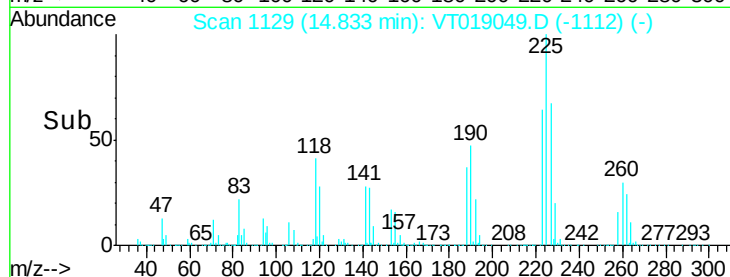
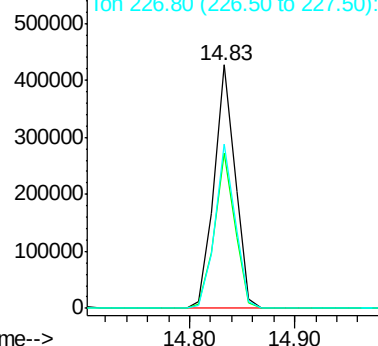
#93
Hexachlorobutadiene
Concen: 53.20 ug/l
RT: 14.83 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

Tot Ion:225 Resp: 589392
Ion Ratio Lower Upper
225 100
223 63.9 33.5 100.4
227 67.4 31.7 95.1

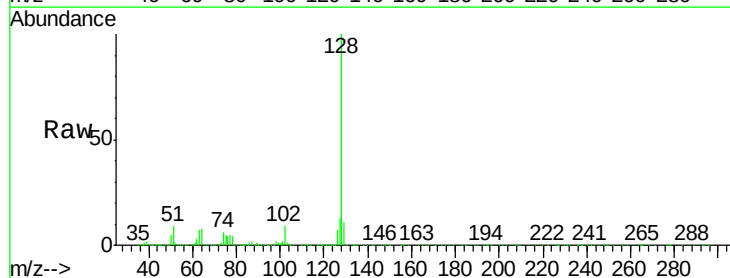


Abundance Ion 224.80 (224.50 to 225.50): V
Ion 222.80 (222.50 to 223.50): V
Ion 226.80 (226.50 to 227.50): V

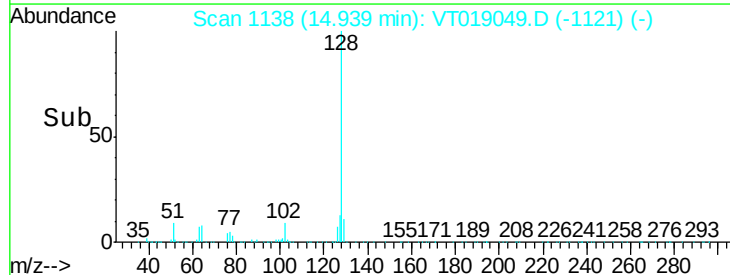
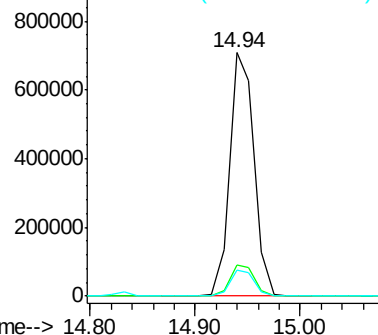


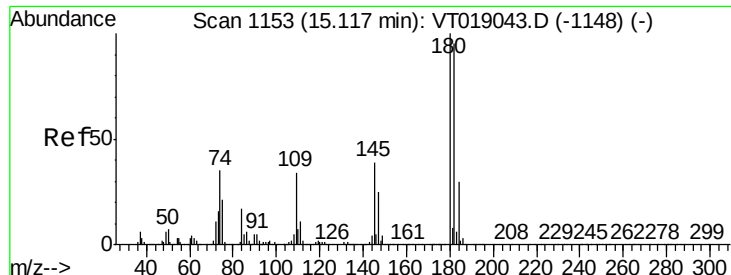
#94
Naphthalene
Concen: 46.66 ug/l
RT: 14.94 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VT019049.D
Acq: 9 May 2018 10:08

Tgt Ion:128 Resp: 1143116
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 10.7 9.3 13.9



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

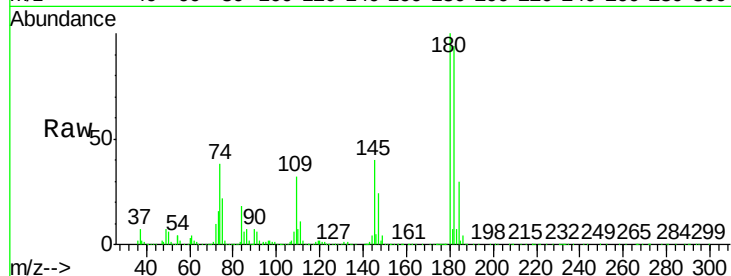




#95
 1,2,3-Trichlorobenzene
 Concen: 47.21 ug/l
 RT: 15.12 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VT019049.D
 Acq: 9 May 2018 10:08

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.7	143.1
145	39.7	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

