

Data File : VT019045.D

Acq On : 8 May 2018 19:50

Operator : SY/MD

Sample : VSTDICC100

Misc : 5.00g/5mL/MSVOA_T/SOIL

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Quant Time: May 09 03:59:19 2018

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

Quant Title : SW846 8260

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	1247217	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	2091655	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1796796	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	892408	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	1247667	122.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	244.54%	
34) Dibromofluoromethane	7.35	113	1251701	110.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.00%	
49) Toluene-d8	9.90	98	5287631	106.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.36%	
61) 4-Bromofluorobenzene	12.22	95	2069488	120.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	240.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	1681687	145.02	ug/l	100
3) Chloromethane	1.97	50	629870	58.80	ug/l	98
4) Vinyl Chloride	2.11	62	995395	86.52	ug/l	97
5) Bromomethane	2.46	94	795104	123.60	ug/l	95
6) Chloroethane	2.57	64	607287	101.47	ug/l	96
7) Trichlorofluoromethane	2.92	101	1260878	95.36	ug/l	91
8) Diethyl Ether	3.20	74	386244	80.82	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.60	101	1149034	100.82	ug/l	96
10) Methyl Iodide	3.76	142	1692379	95.62	ug/l	95
11) Tert butyl alcohol	4.55	59	300493	550.68	ug/l	98
12) 1,1-Dichloroethene	3.56	96	1056541	89.60	ug/l	96
13) Acrolein	3.39	56	145841	193.65	ug/l	91
14) Allyl chloride	4.05	41	2267310	109.94	ug/l	99
15) Acrylonitrile	4.70	53	1177496	477.22	ug/l	95
16) Acetone	3.59	43	578666	234.87	ug/l	95
17) Carbon Disulfide	4.05	76	1320907	40.76	ug/l	96
18) Methyl Acetate	4.08	43	643225	61.23	ug/l	99
19) Methyl tert-butyl Ether	4.76	73	2757770	123.52	ug/l	98
20) Methylene Chloride	4.33	84	1310168	95.44	ug/l	95
21) trans-1,2-Dichloroethene	4.74	96	1544020	121.81	ug/l	92
22) Diisopropyl ether	5.67	45	4258673	116.90	ug/l	99
23) Vinyl Acetate	5.61	43	9268990	684.69	ug/l	99
24) 1,1-Dichloroethane	5.56	63	2904828	134.83	ug/l	99
25) 2-Butanone	6.57	43	1409770	419.12	ug/l	92
26) 2,2-Dichloropropane	6.55	77	1123290	110.77	ug/l	96
27) cis-1,2-Dichloroethene	6.55	96	1545476	124.86	ug/l	93
28) Bromochloromethane	6.94	49	924545	104.98	ug/l	96
29) Chloroform	7.13	83	2718253	137.79	ug/l	99
30) Cyclohexane	7.43	56	2975881	121.37	ug/l	97
31) 1,1,1-Trichloroethane	7.33	97	2227763	147.54	ug/l	97
35) 1,1-Dichloropropene	7.56	75	2538719	122.86	ug/l	99
36) Ethyl Acetate	6.67	43	605541	79.27	ug/l	97
37) Carbon Tetrachloride	7.54	117	2099220	121.41	ug/l	97
38) Methylcyclohexane	8.88	83	3092920	117.13	ug/l	97

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Quant Title : SW846 8260

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	6285572	110.05	ug/l	95
40) Methacrylonitrile	6.92	41	340746	75.57	ug/l	95
41) 1,2-Dichloroethane	7.91	62	1392881	101.36	ug/l	99
42) Isopropyl Acetate	7.96	43	1176387	93.92	ug/l	98
43) Trichloroethene	8.63	130	1515217	104.62	ug/l	98
44) 1,2-Dichloropropane	8.92	63	1529858	115.60	ug/l	99
45) Dibromomethane	9.01	93	595526	102.52	ug/l	96
46) Bromodichloromethane	9.21	83	1793543	118.65	ug/l	98
47) Methyl methacrylate	9.01	41	604387	85.09	ug/l	97
48) 1,4-Dioxane	9.01	88	131432	1678.94	ug/l	93
50) 4-Methyl-2-Pentanone	9.80	43	2949001	396.94	ug/l	97
51) Toluene	9.97	92	3815961	107.73	ug/l	86
52) t-1,3-Dichloropropene	10.19	75	1721091	118.16	ug/l	99
53) cis-1,3-Dichloropropene	9.65	75	2174342	118.27	ug/l	97
54) 1,1,2-Trichloroethane	10.38	97	899777	103.72	ug/l	99
55) Ethyl methacrylate	10.25	69	1199705	113.38	ug/l	98
56) 1,3-Dichloropropane	10.53	76	1645634	109.29	ug/l	96
57) 2-Chloroethyl Vinyl ether	9.51	63	2629699	596.60	ug/l	100
58) 2-Hexanone	10.57	43	2161448	385.25	ug/l	96
59) Dibromochloromethane	10.73	129	980974	98.02	ug/l	97
60) 1,2-Dibromoethane	10.82	107	822615	102.83	ug/l	97
63) Tetrachloroethene	10.45	164	1359319	103.73	ug/l	97
64) Chlorobenzene	11.25	112	3752750	96.97	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.33	131	1319633	108.45	ug/l	97
66) Ethyl Benzene	11.33	91	6990737	103.53	ug/l #	88
67) m/p-Xylenes	11.45	106	5366448	198.96	ug/l	76
68) o-Xylene	11.77	106	2644947	107.61	ug/l	84
69) Styrene	11.79	104	3987181	97.44	ug/l	97
70) Bromoform	11.95	173	524992	84.83	ug/l	100
72) Isopropylbenzene	12.08	105	6854071	104.01	ug/l	88
73) N-amyl acetate	11.90	43	1269901	100.80	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.32	83	1052737	104.79	ug/l	95
75) 1,2,3-Trichloropropane	12.37	75	1431622	203.07	ug/l	96
76) Bromobenzene	12.35	156	1448635	98.99	ug/l	98
77) n-propylbenzene	12.42	91	8008069	100.72	ug/l	84
78) 2-Chlorotoluene	12.49	91	5237882	117.32	ug/l	94
79) 1,3,5-Trimethylbenzene	12.56	105	6089195	107.41	ug/l	90
80) trans-1,4-Dichloro-2-buten	12.12	75	310626	100.99	ug/l	99
81) 4-Chlorotoluene	12.60	91	6218852	116.02	ug/l	94
82) tert-Butylbenzene	12.82	119	6615487	131.48	ug/l	92
83) 1,2,4-Trimethylbenzene	12.86	105	6163996	107.72	ug/l	94
84) sec-Butylbenzene	13.00	105	7167189	100.55	ug/l	88
85) p-Isopropyltoluene	13.12	119	6263211	99.92	ug/l	89
86) 1,3-Dichlorobenzene	13.11	146	2980414	97.99	ug/l	100
87) 1,4-Dichlorobenzene	13.19	146	2932578	96.91	ug/l	98
88) n-Butylbenzene	13.44	91	6554014	112.73	ug/l	87
89) Hexachloroethane	13.70	117	1254195	122.59	ug/l	96
90) 1,2-Dichlorobenzene	13.47	146	2508748	95.77	ug/l	98
91) 1,2-Dibromo-3-Chloropropan	14.09	75	168623	110.73	ug/l	83
92) 1,2,4-Trichlorobenzene	14.73	180	1794283	102.41	ug/l	98

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

Data File : VT019045.D
Acq On : 8 May 2018 19:50
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_T/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

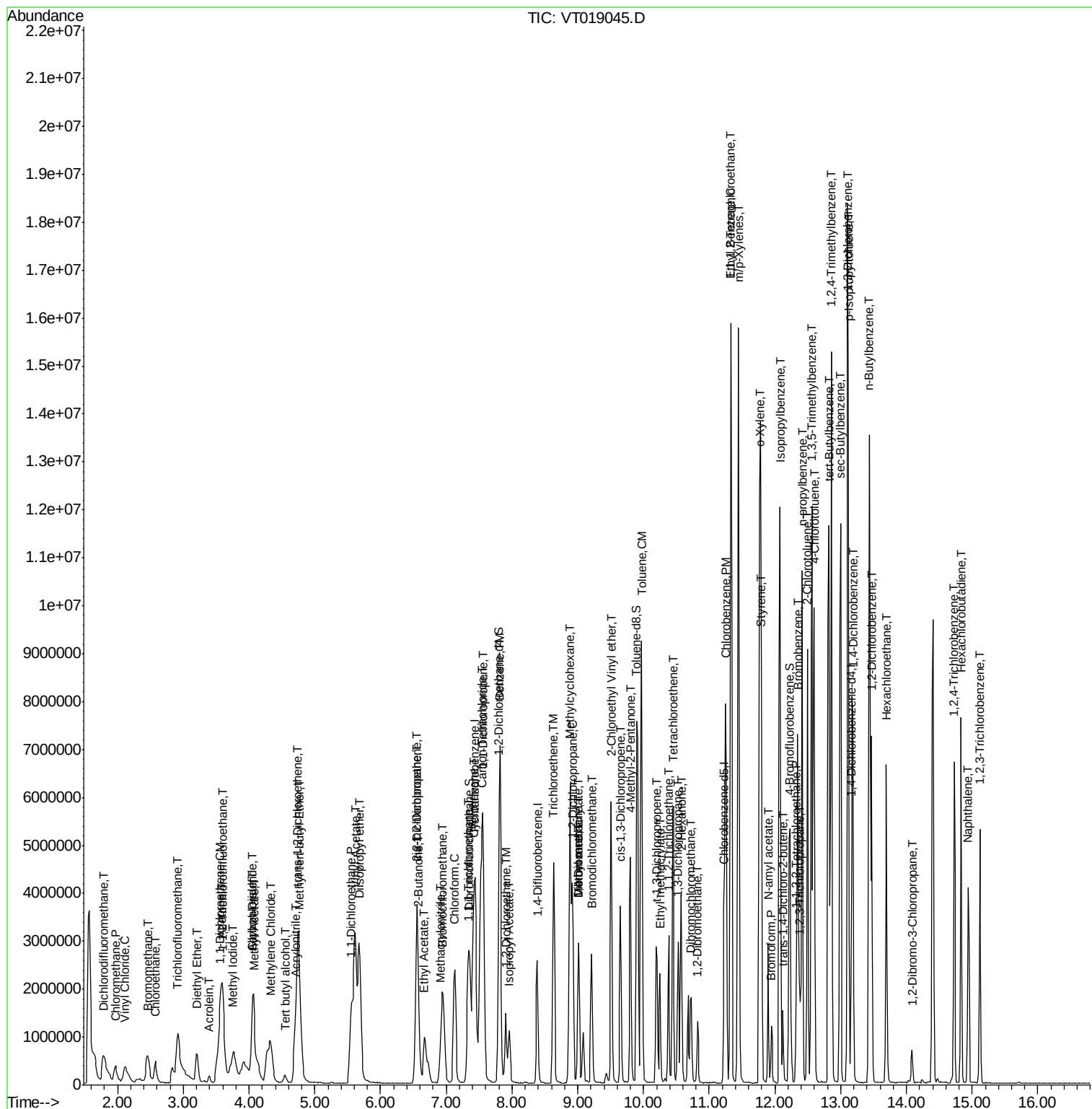
Quant Time: May 09 03:59:19 2018
Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
Quant Title : SW846 8260
QLast Update : Wed May 09 03:54:37 2018
Response via : Initial Calibration

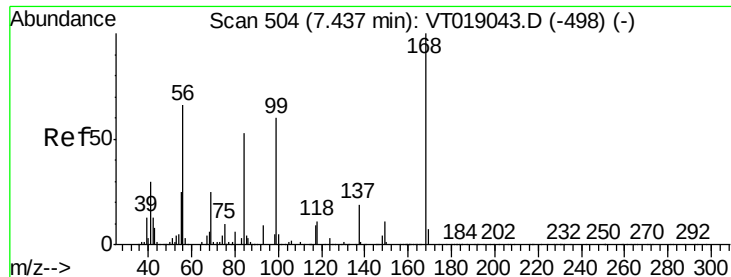
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	1321092	114.65	ug/l	97
94) Naphthalene	14.94	128	2886914	100.16	ug/l	99
95) 1,2,3-Trichlorobenzene	15.12	180	1442007	96.18	ug/l	98

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

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ALS Vial      : 8      Sample Multiplier: 1
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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: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

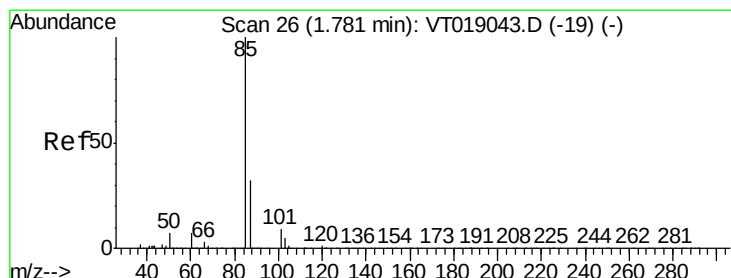
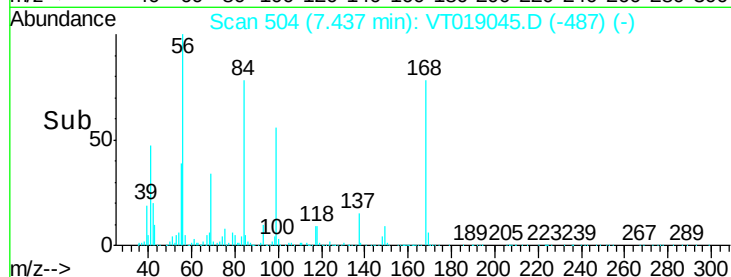
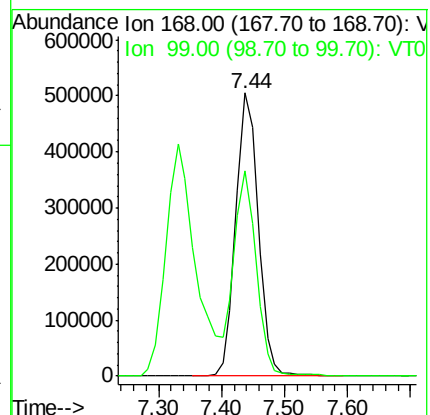
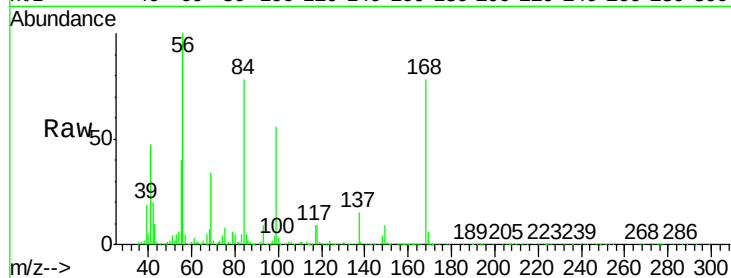
VSTDIC100

Tgt Ion:168 Resp: 1247217

Ion Ratio Lower Upper

168 100

99 72.5 59.0 88.4



#2

Dichlorodifluoromethane

Concen: 145.02 ug/l

RT: 1.78 min Scan# 26

Delta R.T. 0.00 min

Lab File: VT019045.D

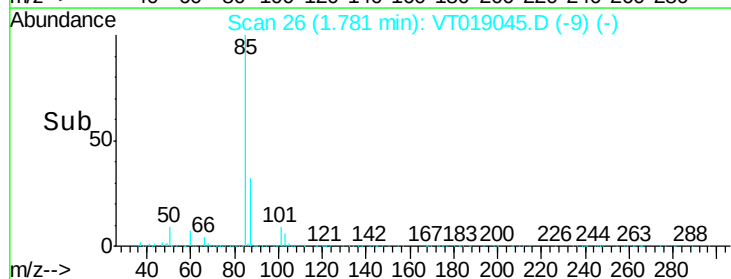
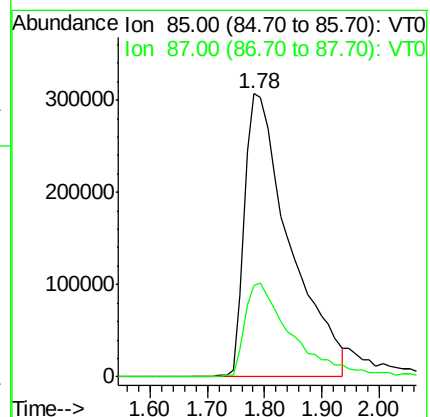
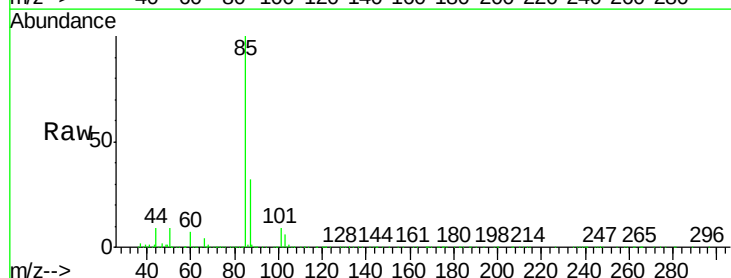
Acq: 8 May 2018 19:50

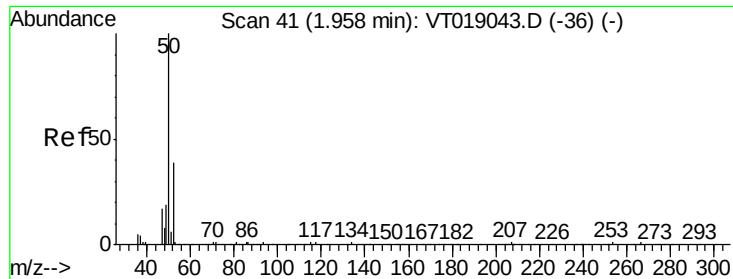
Tgt Ion: 85 Resp: 1681687

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.8





#3

Chloromethane

Concen: 58.80 ug/l

RT: 1.97 min Scan# 42

Delta R.T. 0.01 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

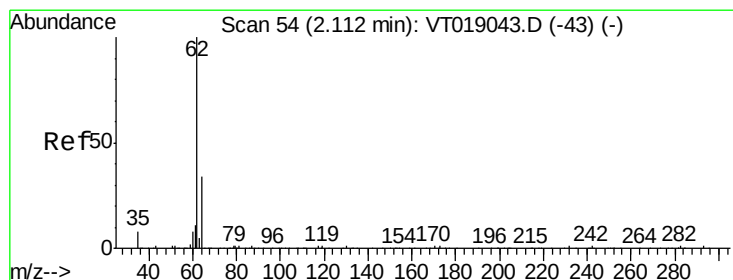
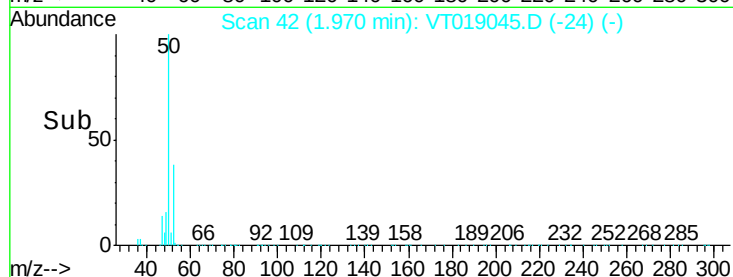
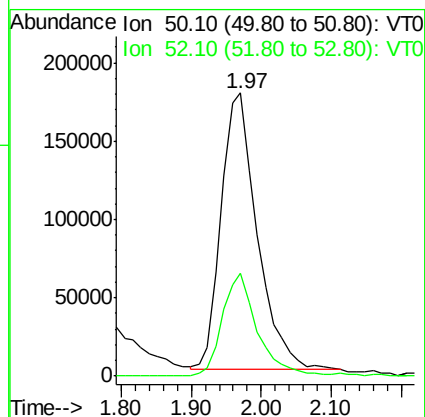
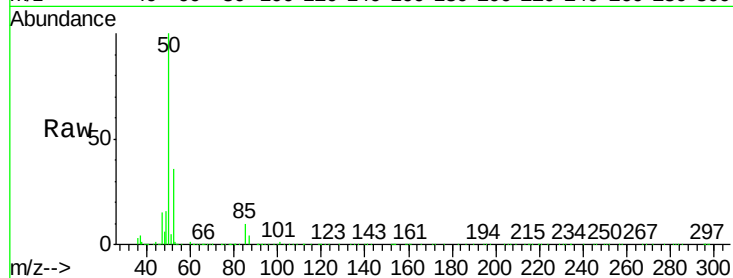
VSTDIC100

Tgt Ion: 50 Resp: 629870

Ion Ratio Lower Upper

50 100

52 36.2 30.1 45.1



#4

Vinyl Chloride

Concen: 86.52 ug/l

RT: 2.11 min Scan# 54

Delta R.T. 0.00 min

Lab File: VT019045.D

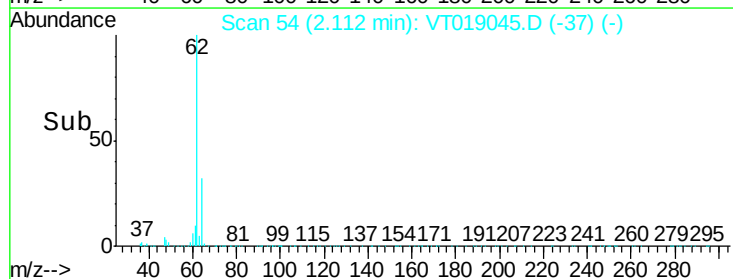
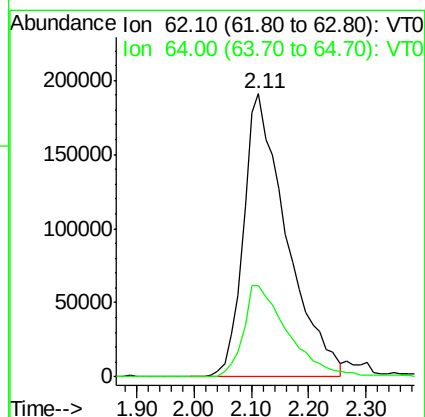
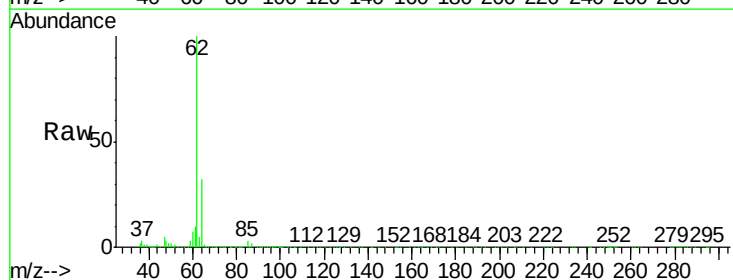
Acq: 8 May 2018 19:50

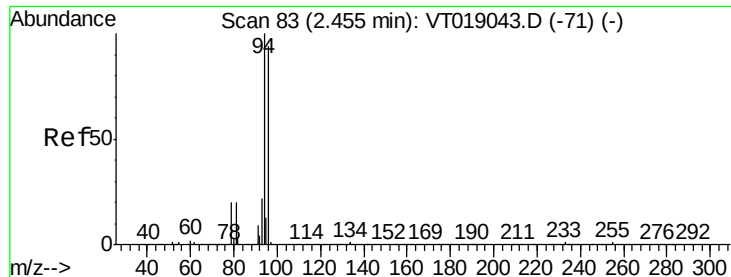
Tgt Ion: 62 Resp: 995395

Ion Ratio Lower Upper

62 100

64 32.2 27.0 40.4





#5

Bromomethane

Concen: 123.60 ug/l

RT: 2.46 min Scan# 83

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

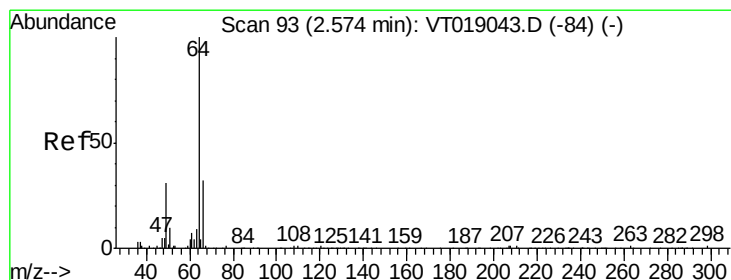
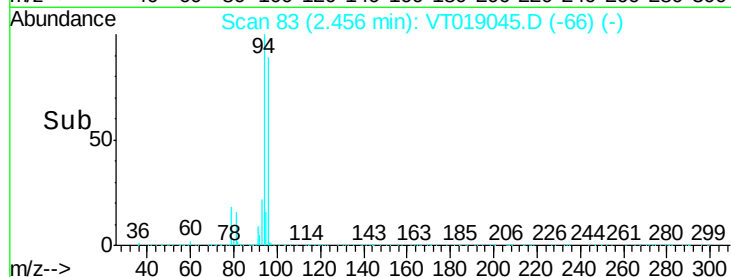
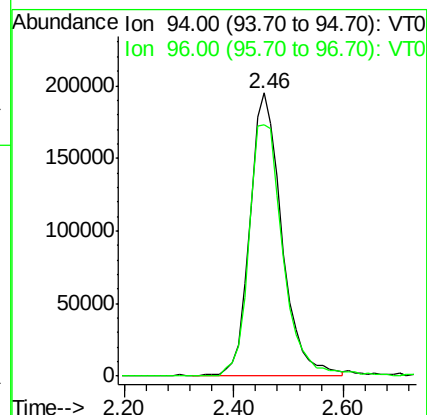
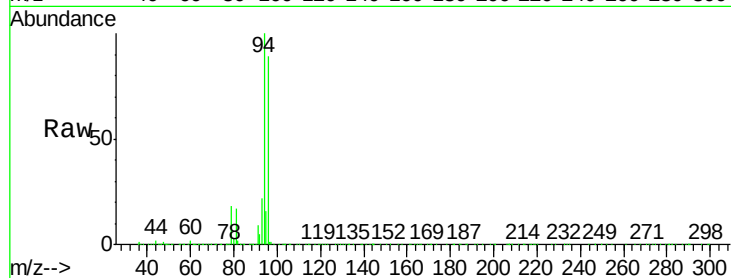
VSTDIC100

Tgt Ion: 94 Resp: 795104

Ion Ratio Lower Upper

94 100

96 89.2 75.3 112.9



#6

Chloroethane

Concen: 101.47 ug/l

RT: 2.57 min Scan# 93

Delta R.T. 0.00 min

Lab File: VT019045.D

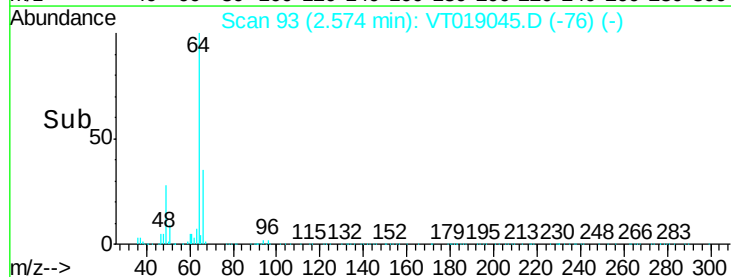
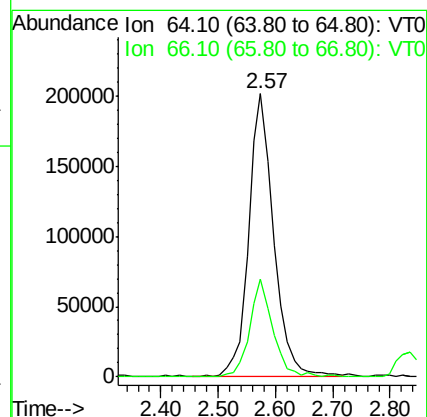
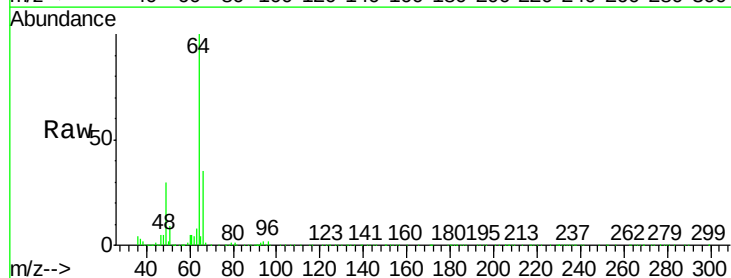
Acq: 8 May 2018 19:50

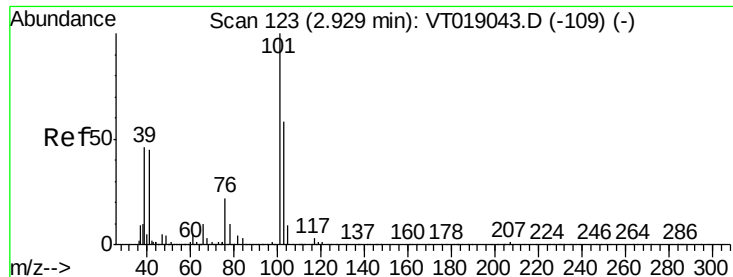
Tgt Ion: 64 Resp: 607287

Ion Ratio Lower Upper

64 100

66 34.7 25.8 38.8



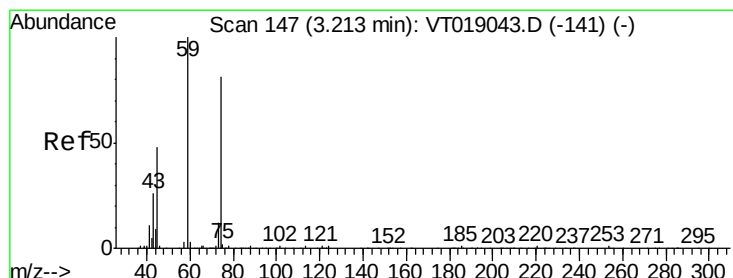
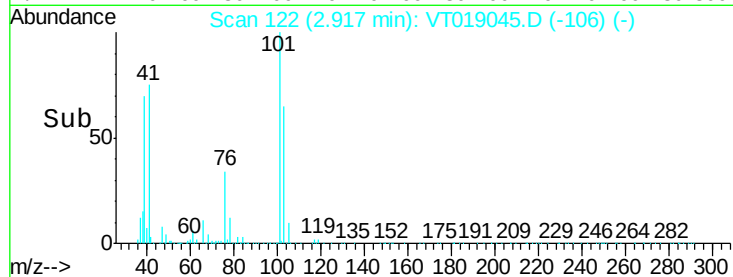
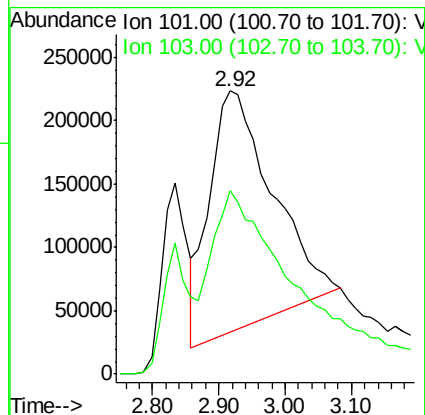
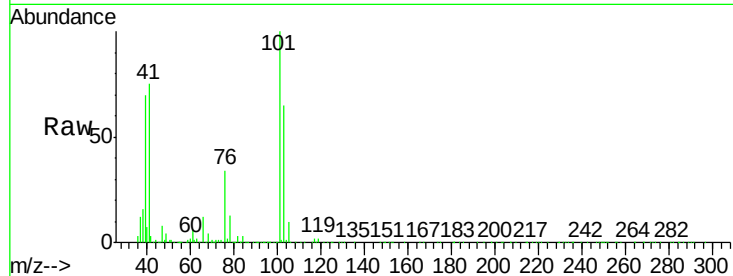


#7

Trichlorofluoromethane
 Concen: 95.36 ug/l
 RT: 2.92 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

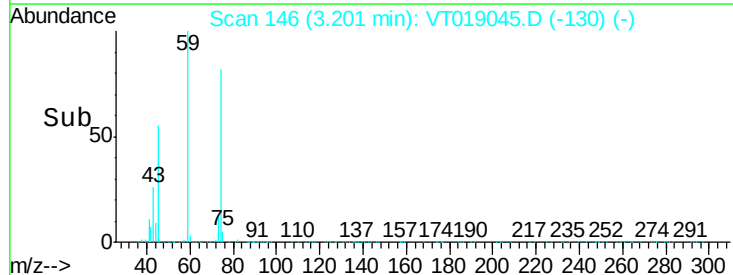
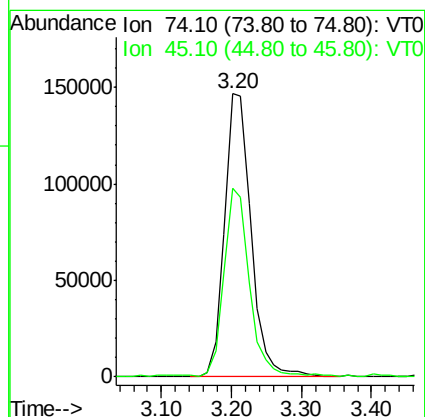
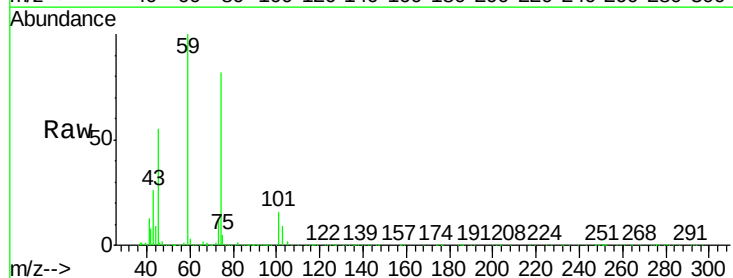
Tgt Ion:101 Resp: 1260878
 Ion Ratio Lower Upper
 101 100
 103 64.6 46.5 69.7

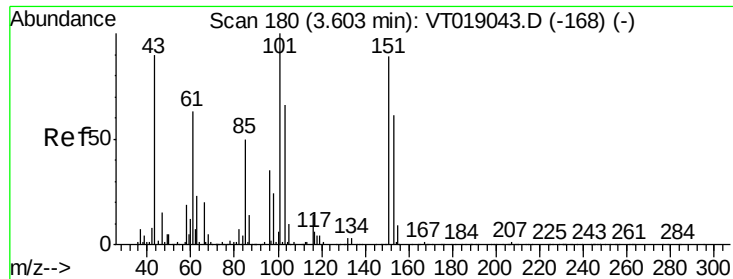


#8

Diethyl Ether
 Concen: 80.82 ug/l
 RT: 3.20 min Scan# 146
 Delta R.T. -0.01 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

Tgt Ion: 74 Resp: 386244
 Ion Ratio Lower Upper
 74 100
 45 66.5 29.8 89.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.82 ug/l

RT: 3.60 min Scan# 180

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

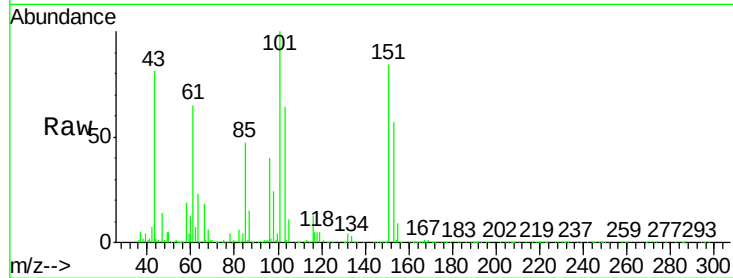
Tgt Ion:101 Resp: 1149034

Ion Ratio Lower Upper

101 100

85 46.6 39.5 59.3

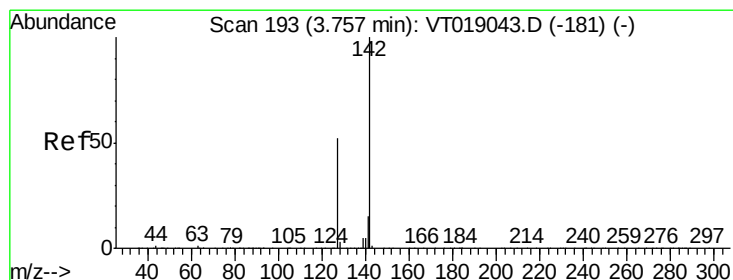
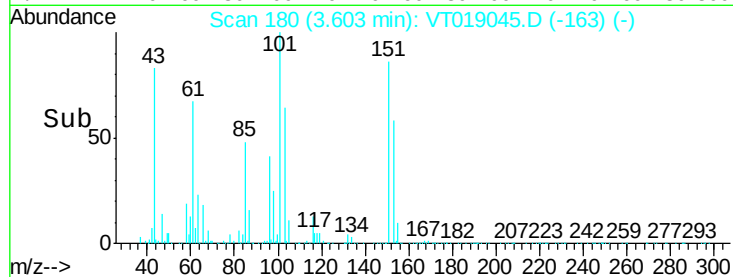
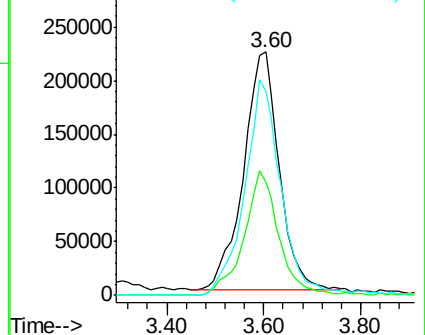
151 83.6 69.9 104.9



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: 95.62 ug/l

RT: 3.76 min Scan# 193

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

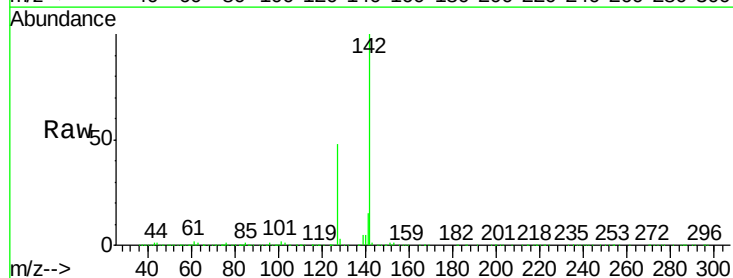
Tgt Ion:142 Resp: 1692379

Ion Ratio Lower Upper

142 100

127 47.6 41.8 62.8

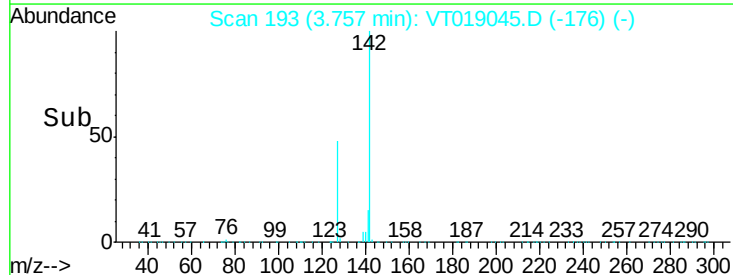
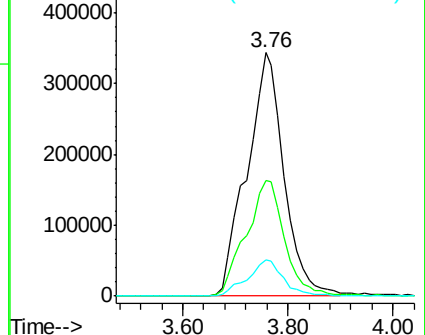
141 14.7 12.0 18.0

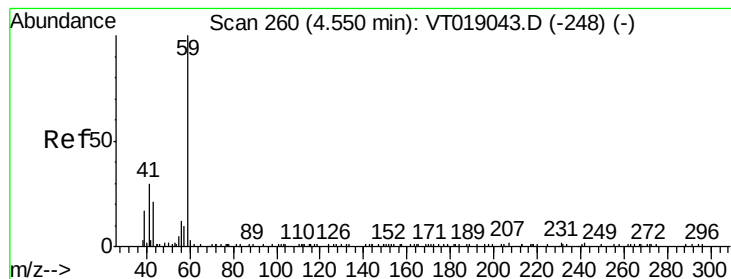


Abundance Ion 141.90 (141.60 to 142.60): V

Ion 126.90 (126.60 to 127.60): V

Ion 140.90 (140.60 to 141.60): V





#11

Tert butyl alcohol

Concen: 550.68 ug/l

RT: 4.55 min Scan# 260

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

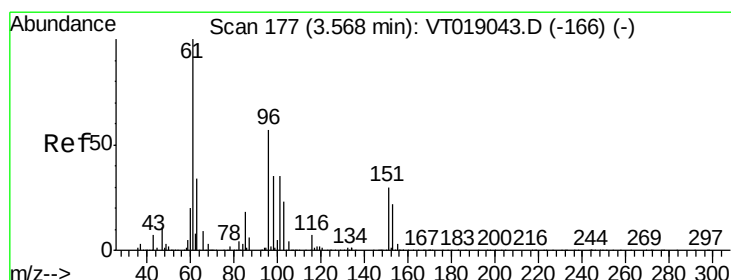
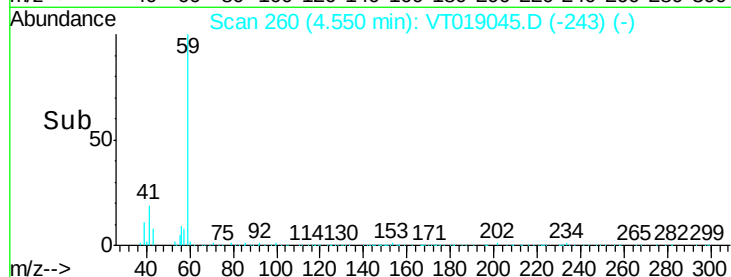
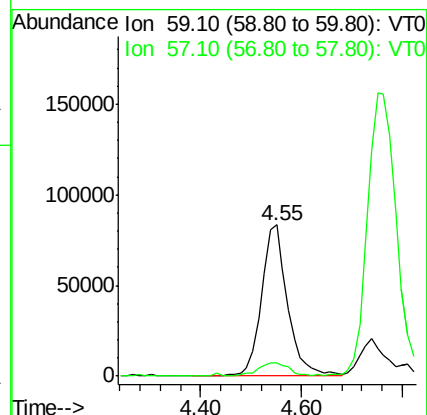
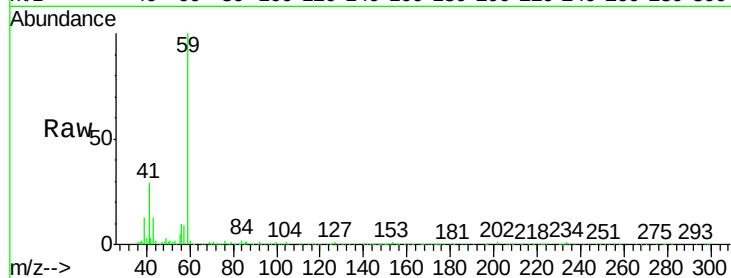
VSTDIC100

Tgt Ion: 59 Resp: 300493

Ion Ratio Lower Upper

59 100

57 8.7 7.7 11.5



#12

1,1-Dichloroethene

Concen: 89.60 ug/l

RT: 3.56 min Scan# 176

Delta R.T. -0.01 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

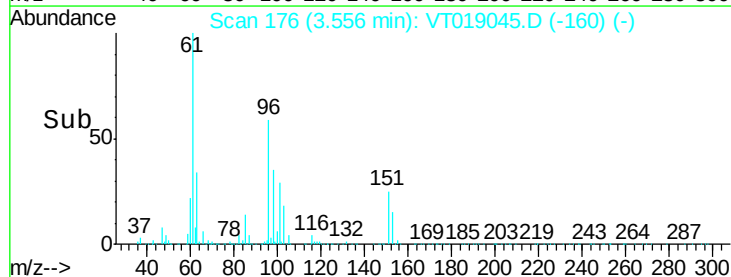
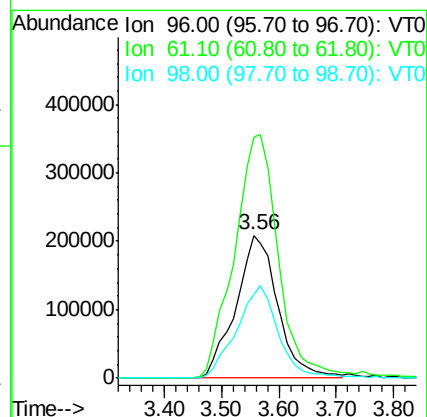
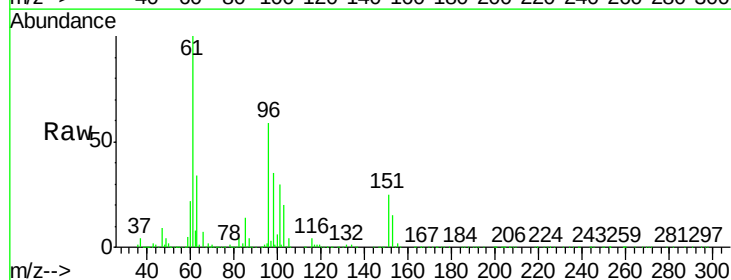
Tgt Ion: 96 Resp: 1056541

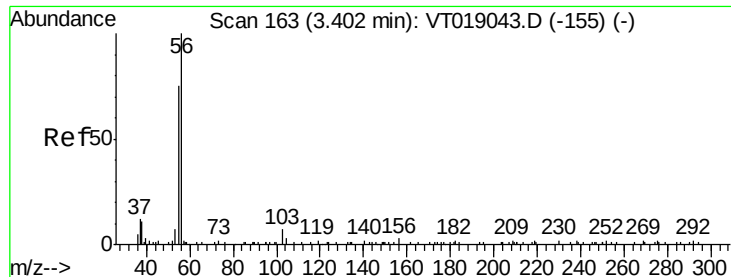
Ion Ratio Lower Upper

96 100

61 168.5 139.4 209.2

98 58.8 49.4 74.2

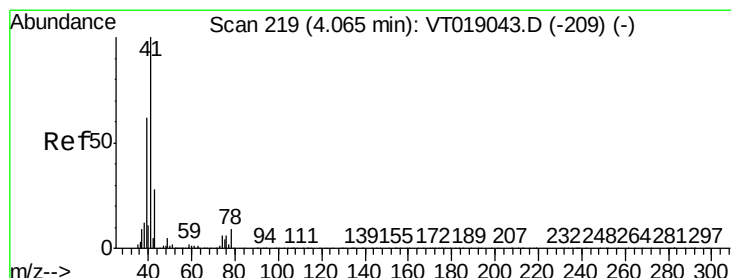
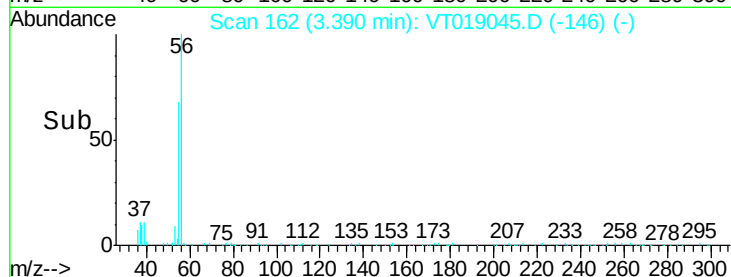
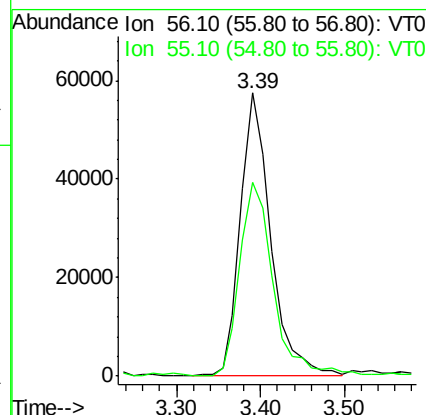
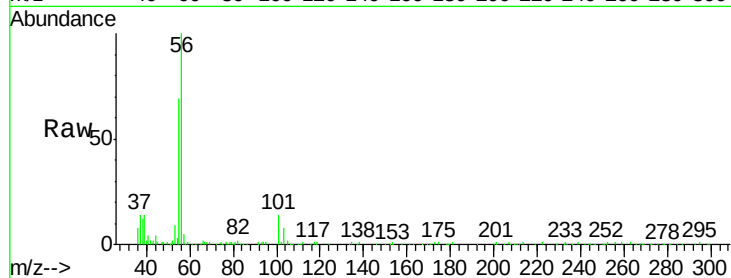




#13
 Acrolein
 Concen: 193.65 ug/l
 RT: 3.39 min Scan# 162
 Delta R.T. -0.01 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

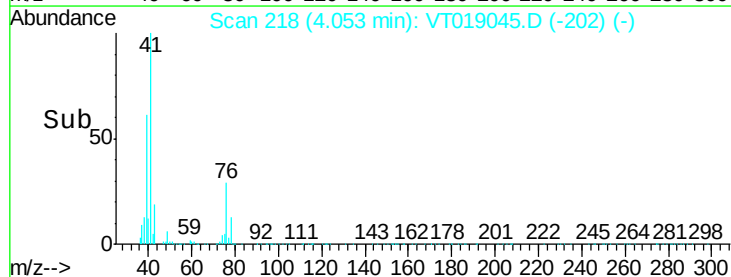
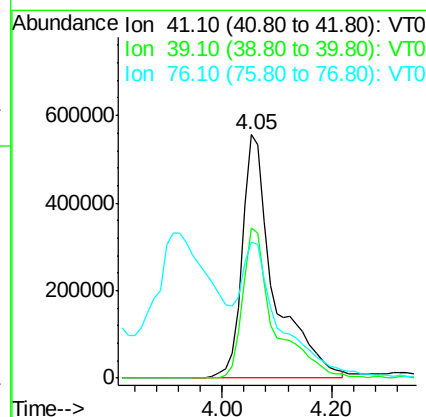
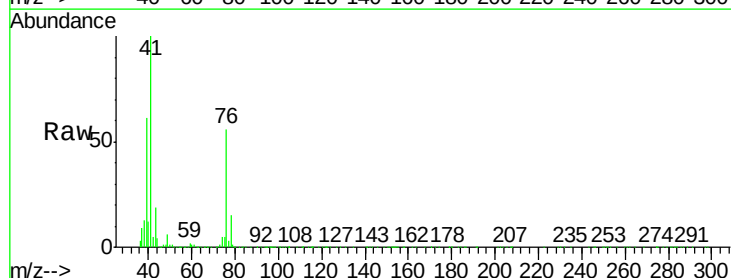
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

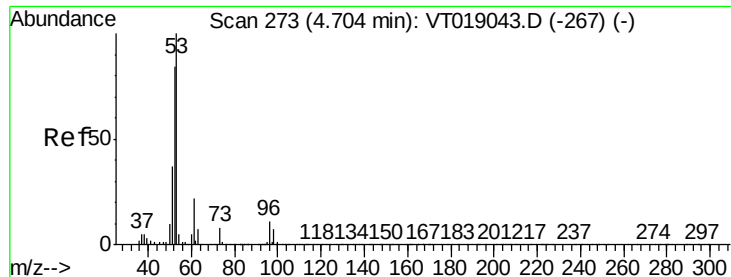
Tgt Ion: 56 Resp: 145841
 Ion Ratio Lower Upper
 56 100
 55 68.7 60.8 91.2



#14
 Allyl chloride
 Concen: 109.94 ug/l
 RT: 4.05 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

Tgt Ion: 41 Resp: 2267310
 Ion Ratio Lower Upper
 41 100
 39 61.4 49.5 74.3
 76 55.7 44.0 66.0





#15

Acrylonitrile

Concen: 477.22 ug/l

RT: 4.70 min Scan# 273

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

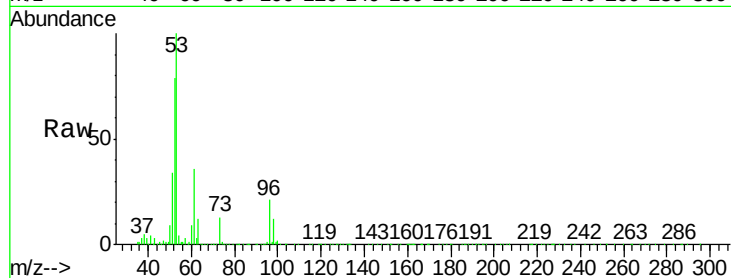
Tgt Ion: 53 Resp: 1177496

Ion Ratio Lower Upper

53 100

52 78.9 67.4 101.0

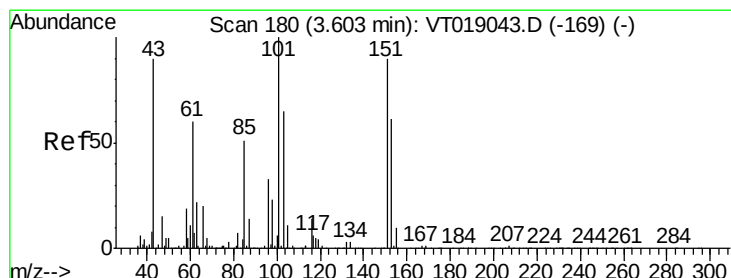
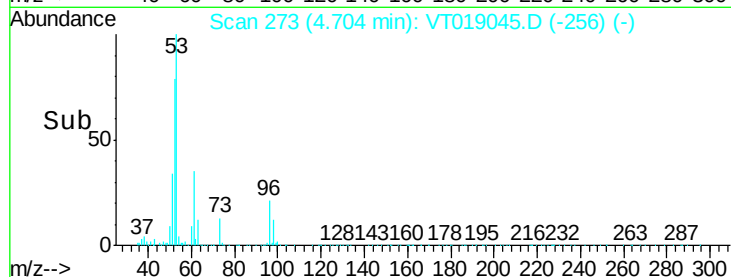
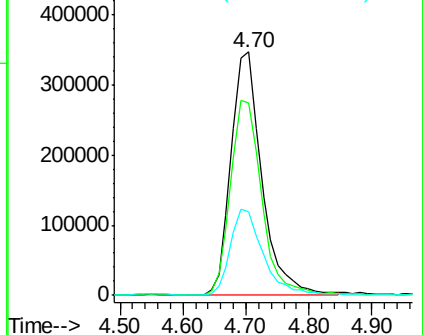
51 34.5 29.6 44.4



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: 234.87 ug/l

RT: 3.59 min Scan# 179

Delta R.T. -0.01 min

Lab File: VT019045.D

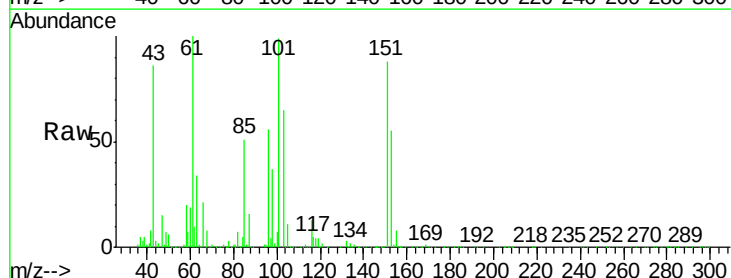
Acq: 8 May 2018 19:50

Tgt Ion: 43 Resp: 578666

Ion Ratio Lower Upper

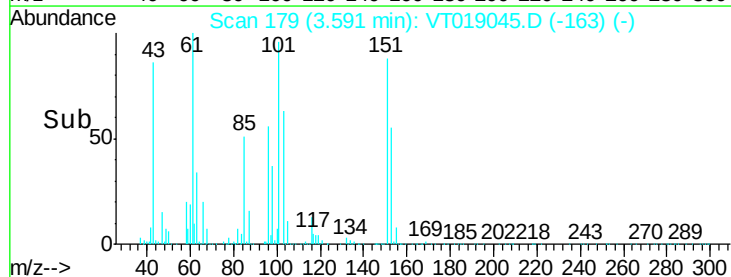
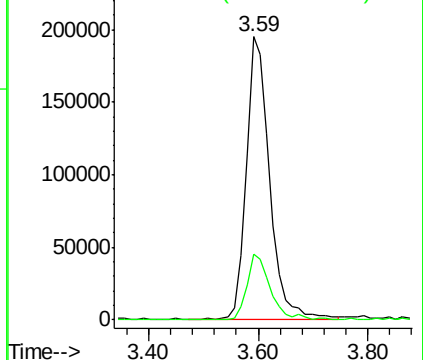
43 100

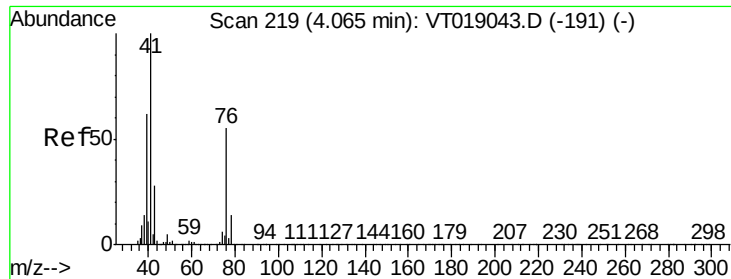
58 23.5 16.7 25.1



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 58.10 (57.80 to 58.80): VT0

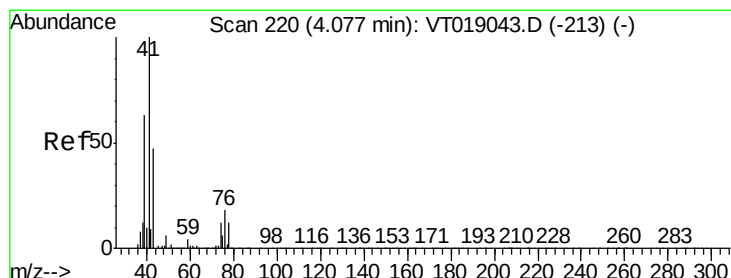
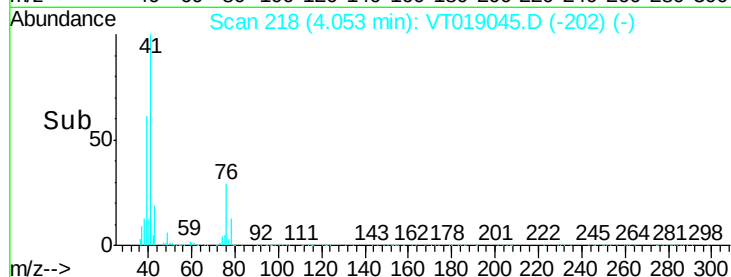
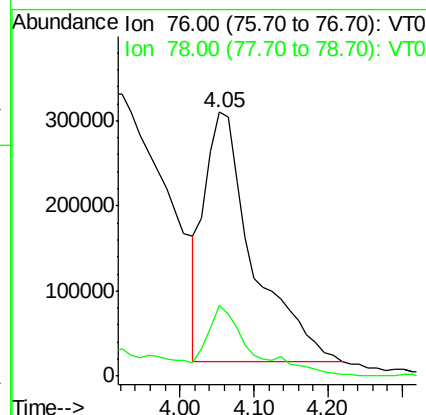
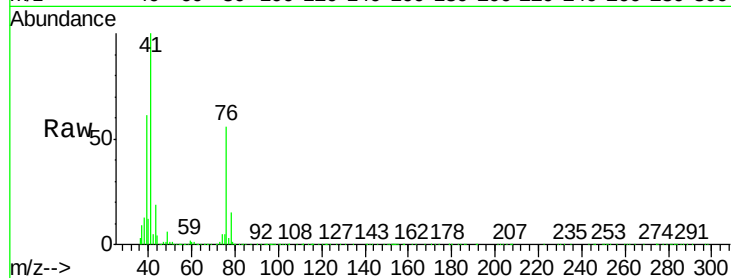




#17
Carbon Disulfide
Concen: 40.76 ug/l
RT: 4.05 min Scan# 218
Delta R.T. -0.01 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

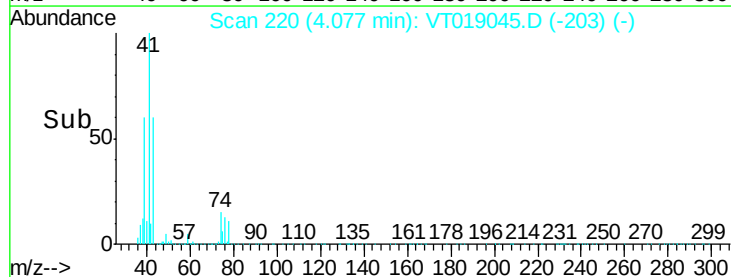
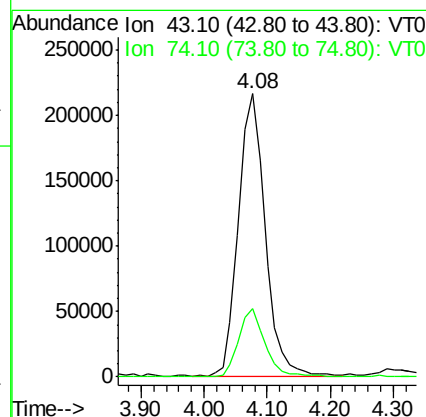
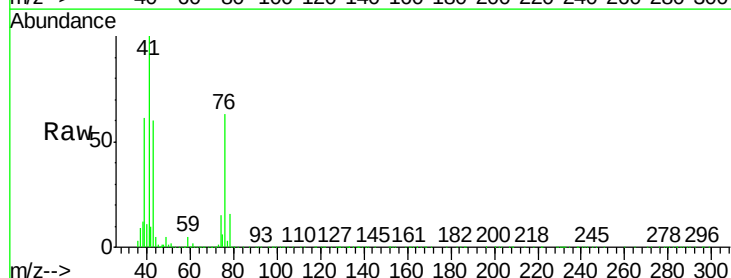
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

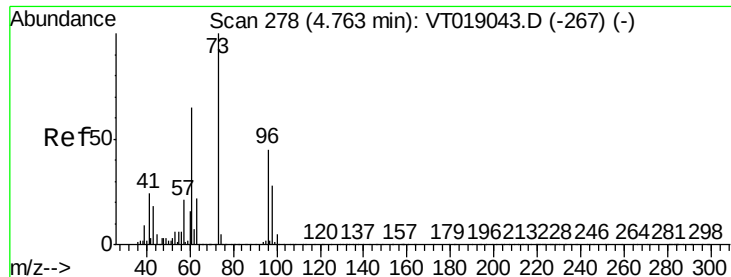
Tgt Ion: 76 Resp: 1320907
Ion Ratio Lower Upper
76 100
78 26.9 19.8 29.8



#18
Methyl Acetate
Concen: 61.23 ug/l
RT: 4.08 min Scan# 220
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion: 43 Resp: 643225
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 123.52 ug/l

RT: 4.76 min Scan# 278

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

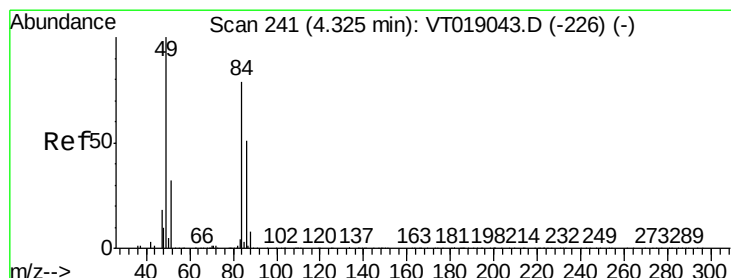
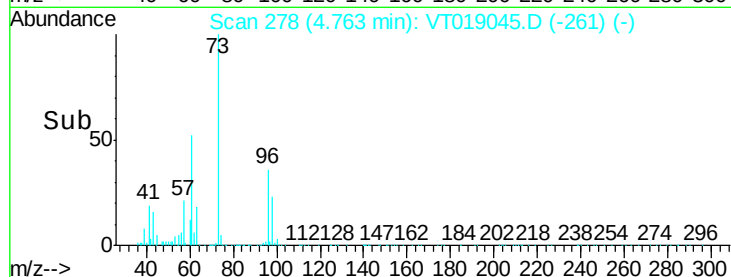
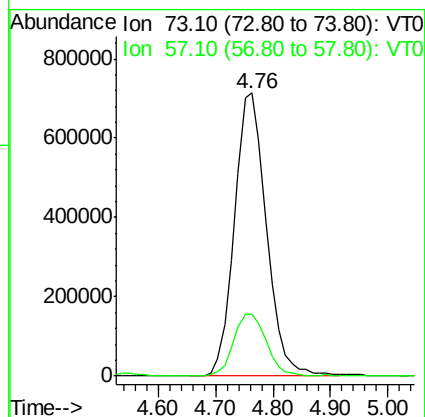
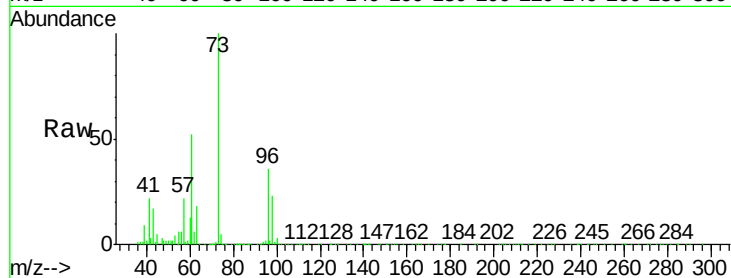
VSTDIC100

Tgt Ion: 73 Resp: 2757770

Ion Ratio Lower Upper

73 100

57 21.8 16.6 25.0



#20

Methylene Chloride

Concen: 95.44 ug/l

RT: 4.33 min Scan# 241

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Tgt Ion: 84 Resp: 1310168

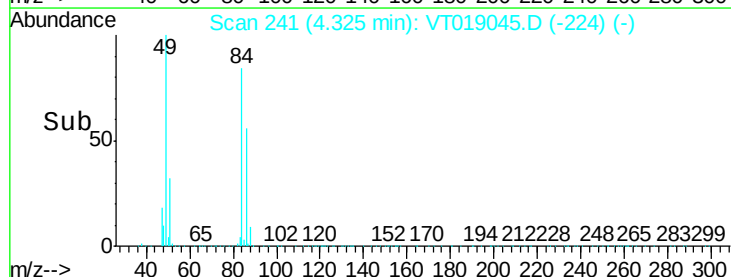
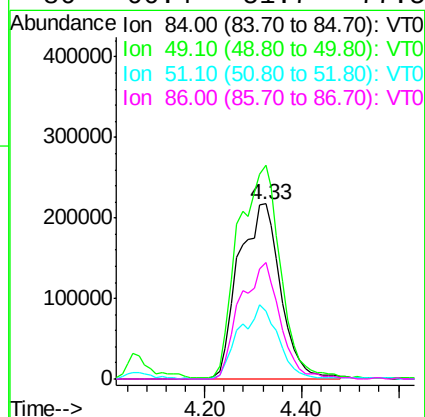
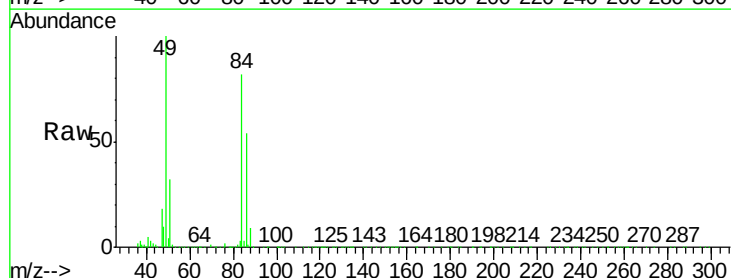
Ion Ratio Lower Upper

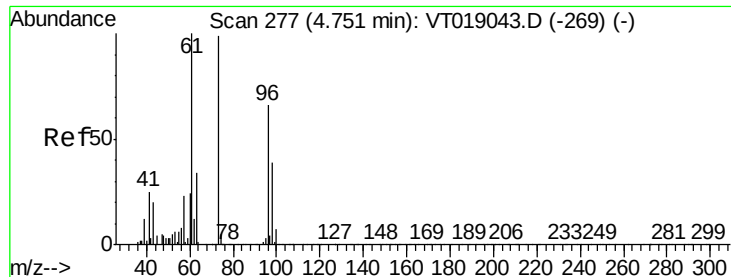
84 100

49 122.2 103.0 154.4

51 38.7 33.3 49.9

86 66.4 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 121.81 ug/l

RT: 4.74 min Scan# 276

Delta R.T. -0.01 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

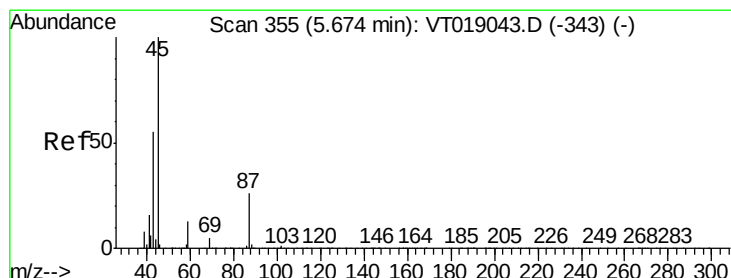
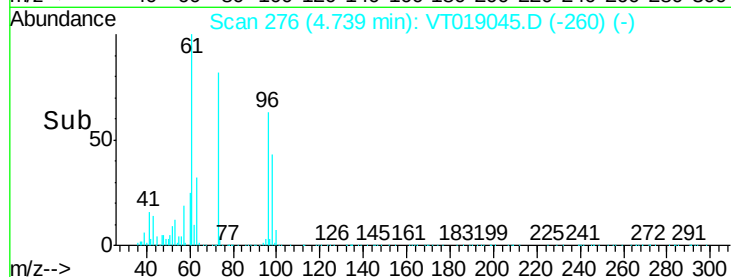
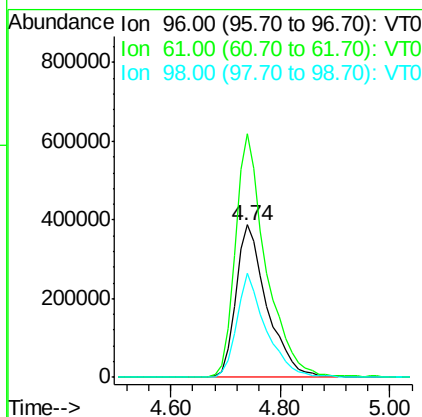
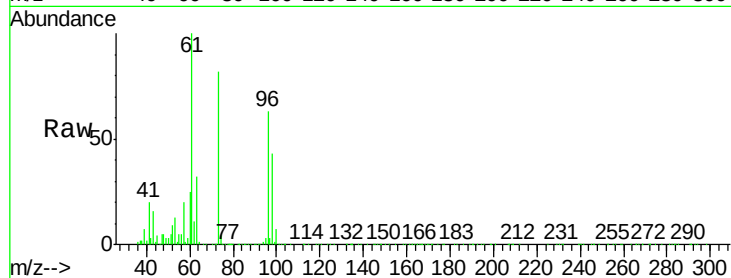
Tgt Ion: 96 Resp: 1544020

Ion Ratio Lower Upper

96 100

61 159.6 120.8 181.2

98 68.1 47.4 71.2



#22

Diisopropyl ether

Concen: 116.90 ug/l

RT: 5.67 min Scan# 355

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Tgt Ion: 45 Resp: 4258673

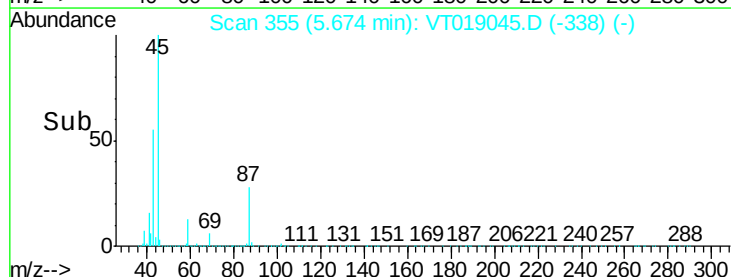
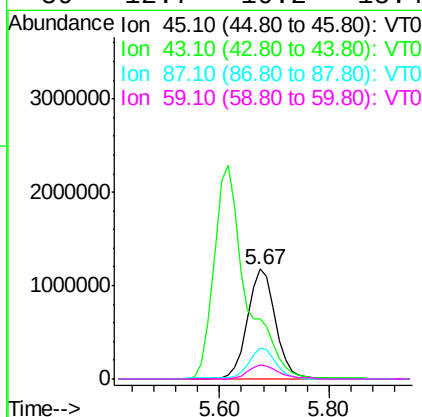
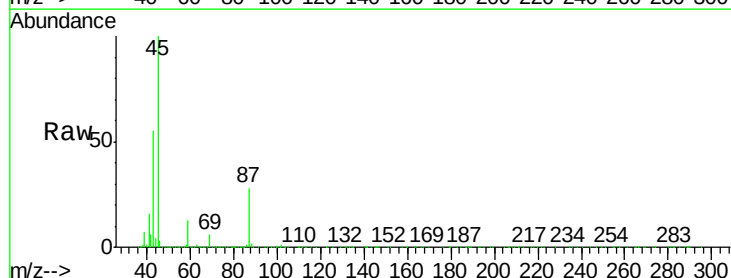
Ion Ratio Lower Upper

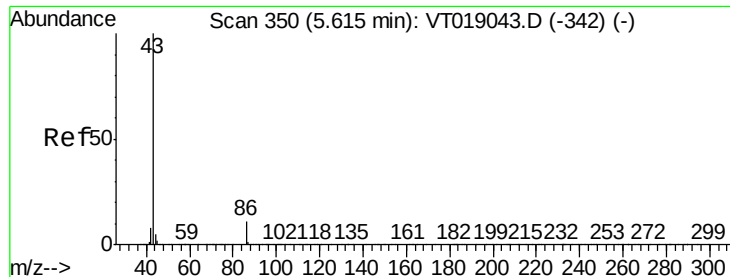
45 100

43 54.7 43.8 65.6

87 27.8 20.8 31.2

59 12.7 10.2 15.4





#23

Vinyl Acetate

Concen: 684.69 ug/l

RT: 5.61 min Scan# 350

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

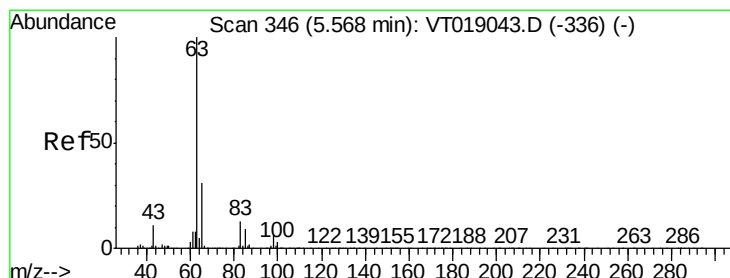
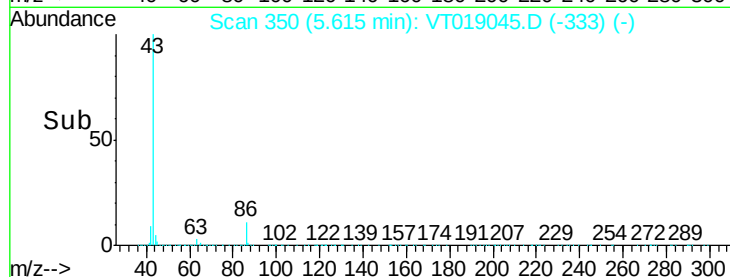
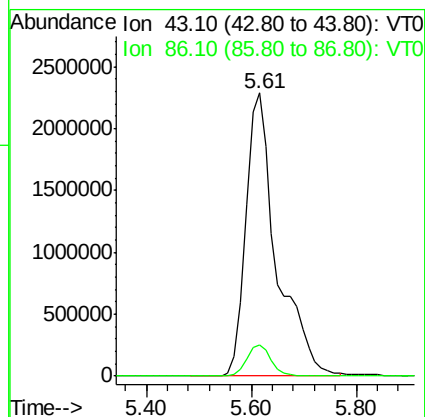
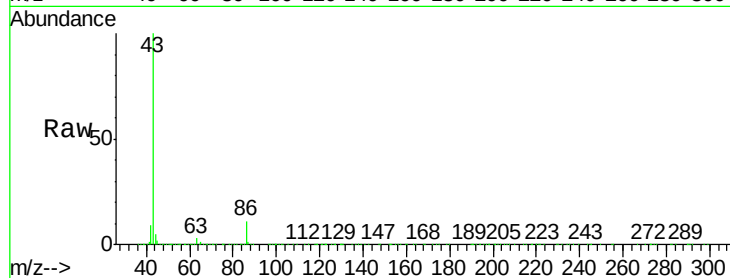
VSTDIC100

Tgt Ion: 43 Resp: 9268990

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



#24

1,1-Dichloroethane

Concen: 134.83 ug/l

RT: 5.56 min Scan# 345

Delta R.T. -0.01 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

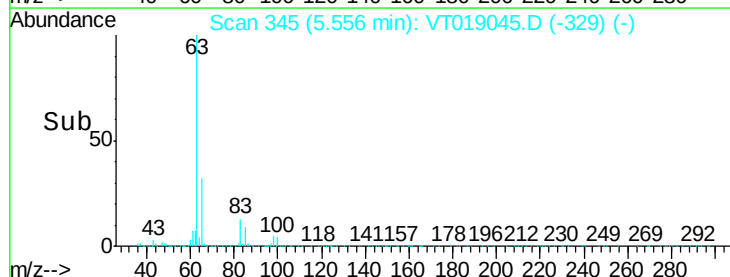
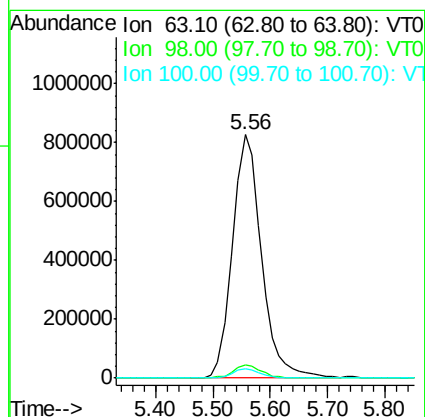
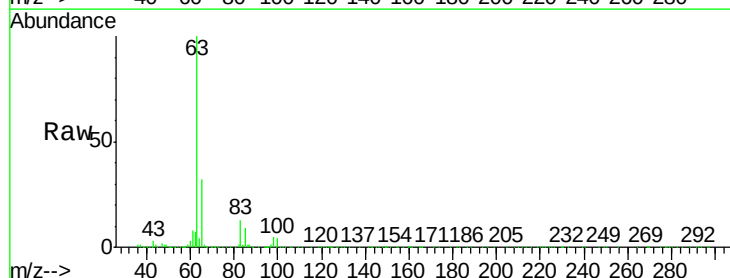
Tgt Ion: 63 Resp: 2904828

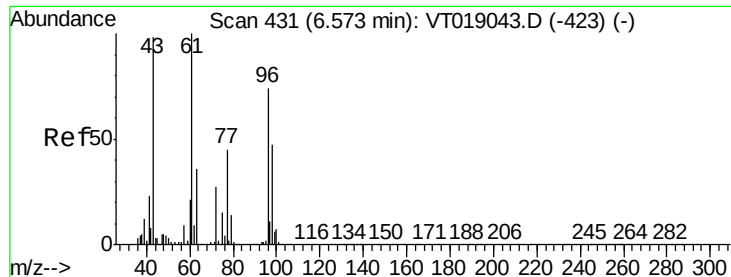
Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

100 3.6 1.7 5.1





#25

2-Butanone

Concen: 419.12 ug/l

RT: 6.57 min Scan# 431

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

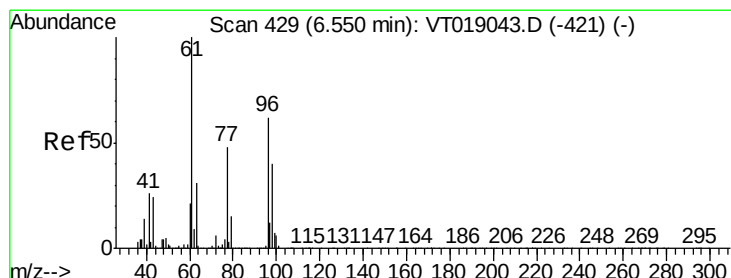
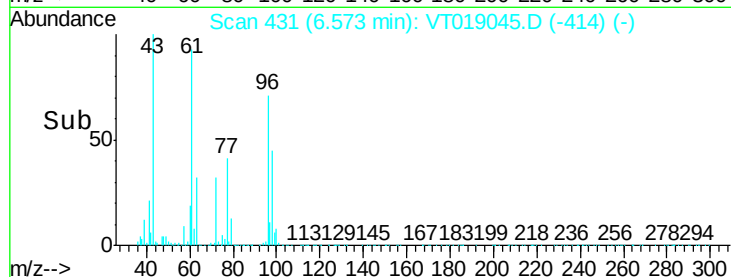
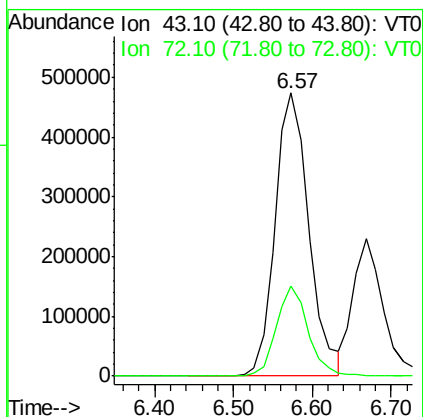
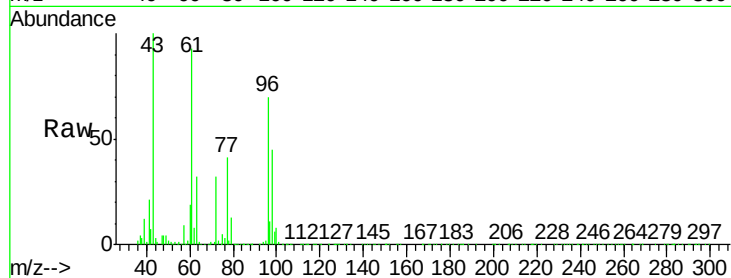
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1409770

Ion Ratio Lower Upper

43 100

72 31.9 22.1 33.1



#26

2,2-Dichloropropane

Concen: 110.77 ug/l

RT: 6.55 min Scan# 429

Delta R.T. 0.00 min

Lab File: VT019045.D

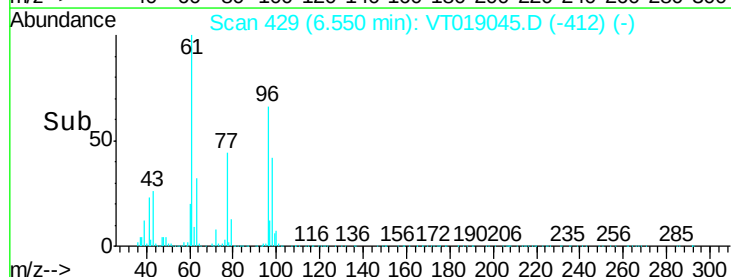
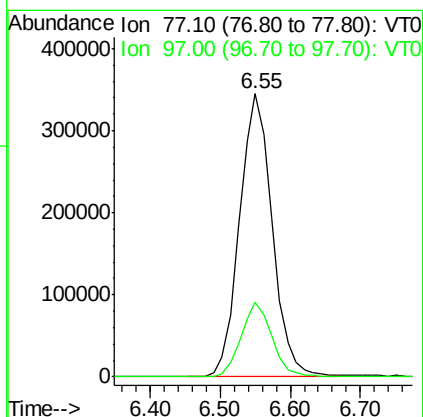
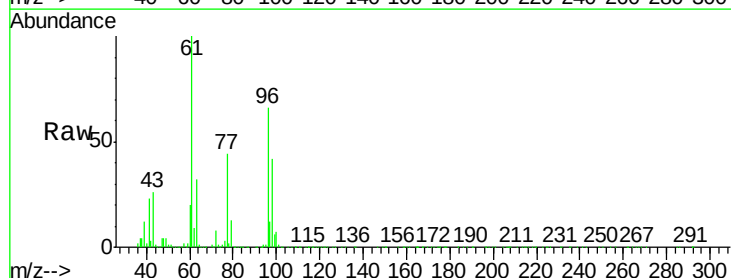
Acq: 8 May 2018 19:50

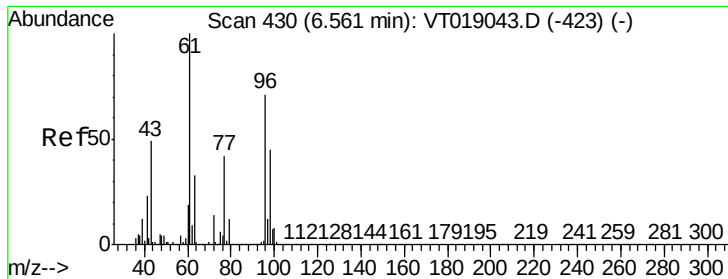
Tgt Ion: 77 Resp: 1123290

Ion Ratio Lower Upper

77 100

97 26.5 12.2 36.4



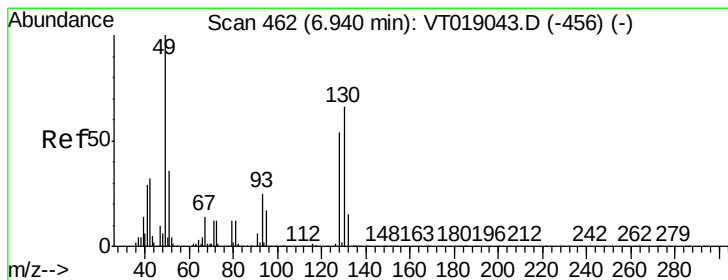
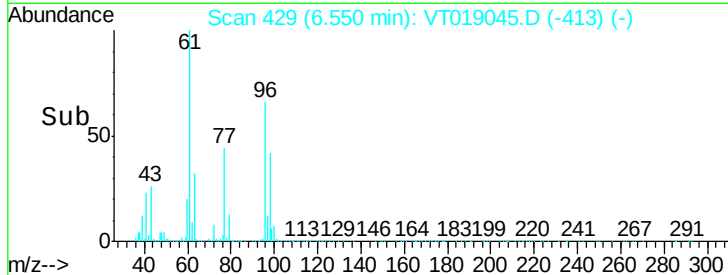
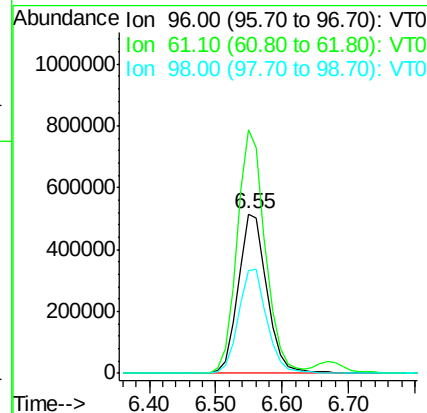
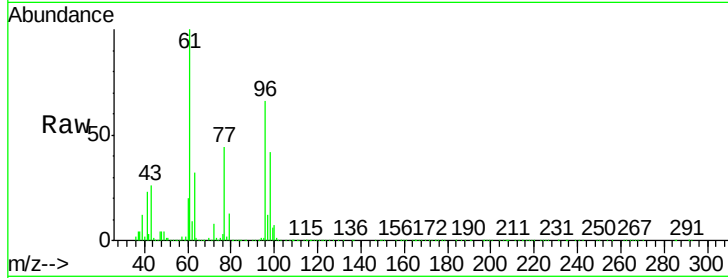


#27

cis-1,2-Dichloroethene
Concen: 124.86 ug/l
RT: 6.55 min Scan# 429
Delta R.T. -0.01 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

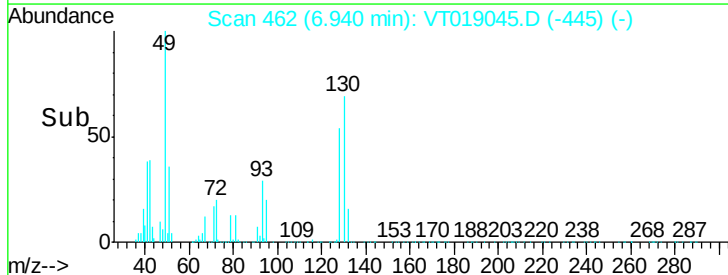
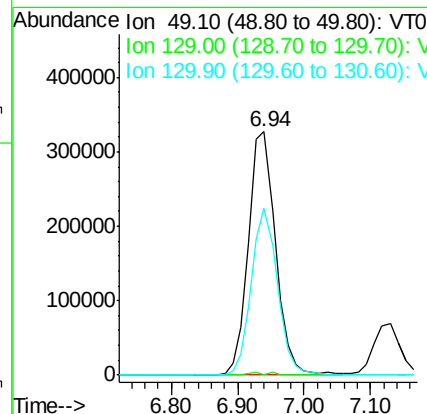
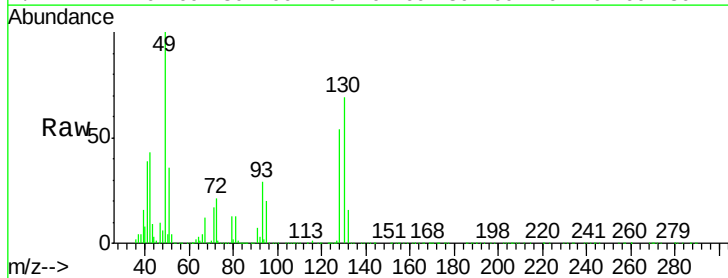
Tgt Ion: 96 Resp: 1545476
Ion Ratio Lower Upper
96 100
61 152.4 0.0 282.0
98 64.0 0.0 125.8

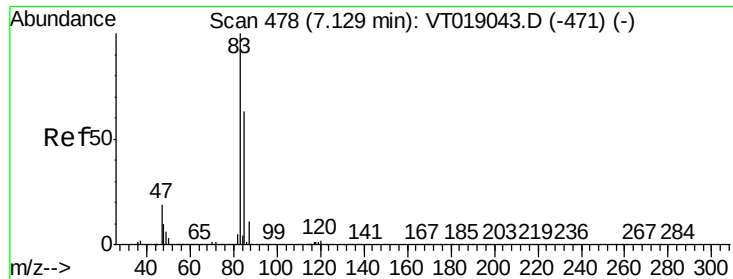


#28

Bromochloromethane
Concen: 104.98 ug/l
RT: 6.94 min Scan# 462
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion: 49 Resp: 924545
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 68.6 52.4 78.6

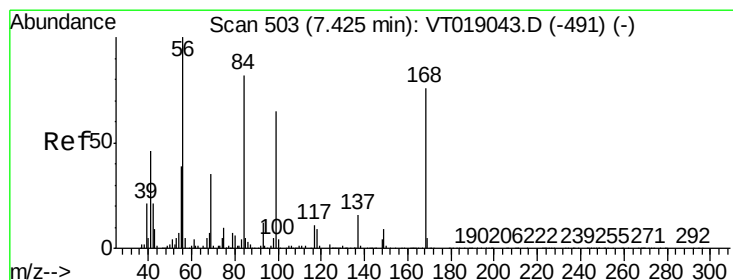
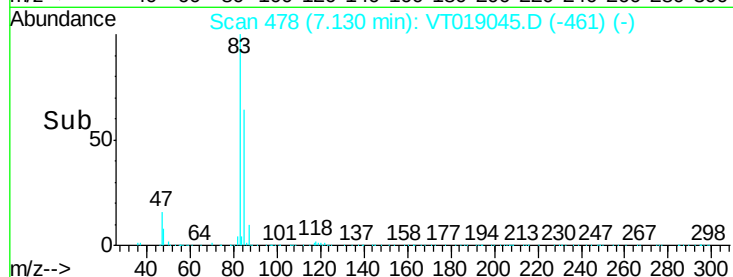
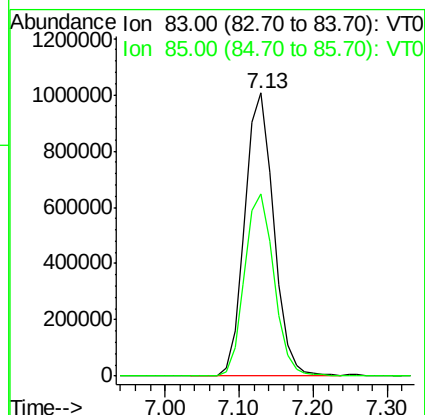
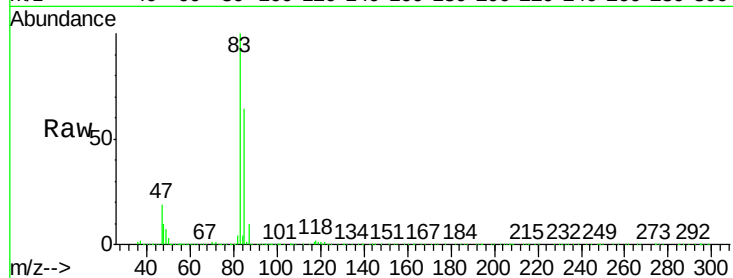




#29
Chloroform
Concen: 137.79 ug/l
RT: 7.13 min Scan# 478
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

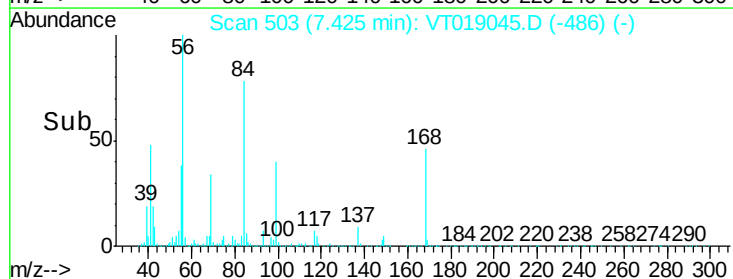
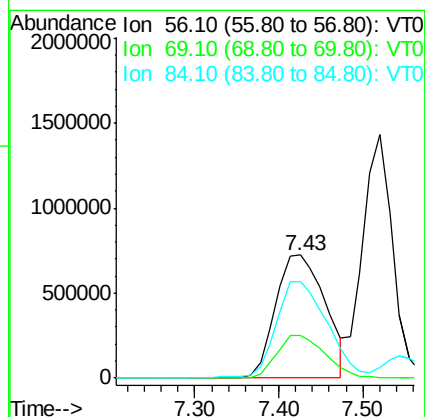
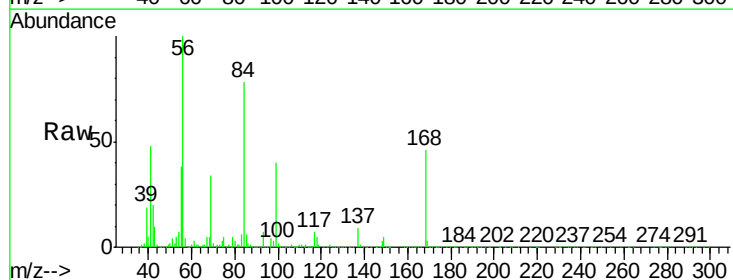
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

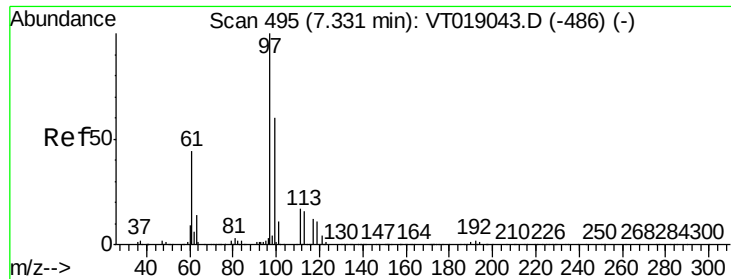
Tgt Ion: 83 Resp: 2718253
Ion Ratio Lower Upper
83 100
85 64.2 50.6 76.0



#30
Cyclohexane
Concen: 121.37 ug/l
RT: 7.43 min Scan# 503
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion: 56 Resp: 2975881
Ion Ratio Lower Upper
56 100
69 34.4 28.2 42.2
84 78.5 65.6 98.4





#31

1,1,1-Trichloroethane

Concen: 147.54 ug/l

RT: 7.33 min Scan# 495

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

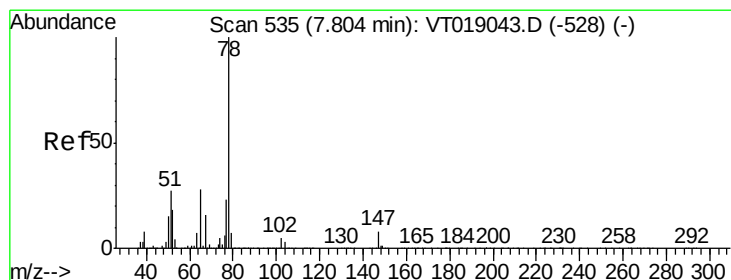
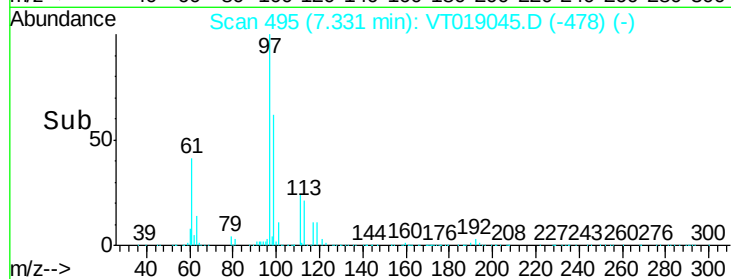
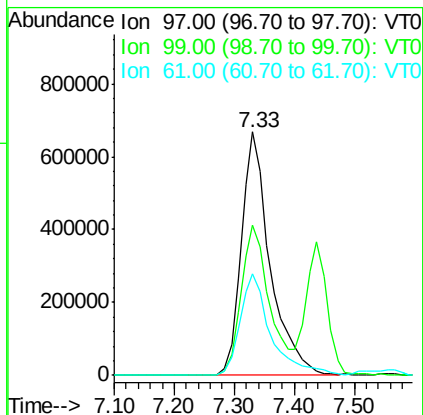
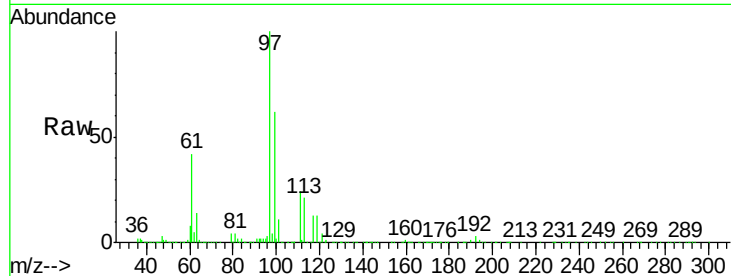
Tgt Ion: 97 Resp: 2227763

Ion Ratio Lower Upper

97 100

99 61.8 47.6 71.4

61 41.5 35.3 52.9



#32

1,2-Dichloroethane-d4

Concen: 122.27 ug/l

RT: 7.80 min Scan# 535

Delta R.T. 0.00 min

Lab File: VT019045.D

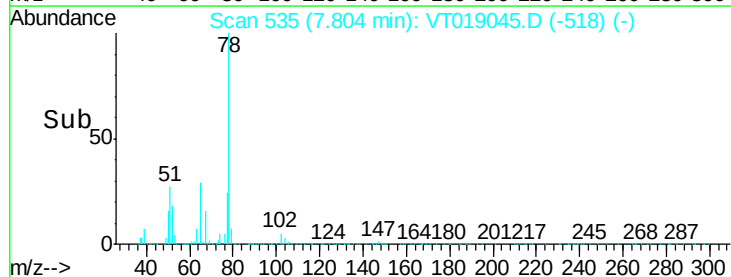
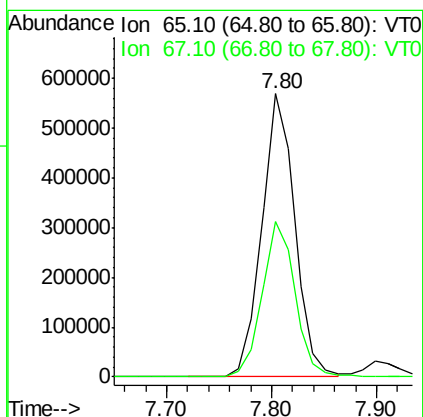
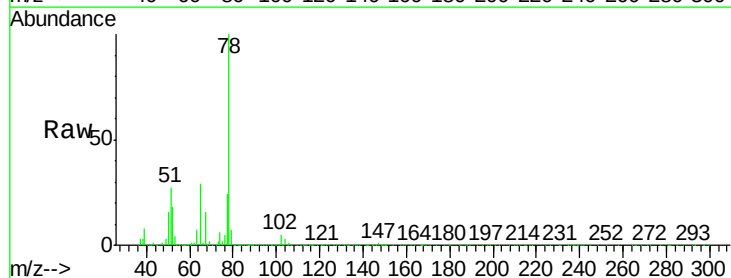
Acq: 8 May 2018 19:50

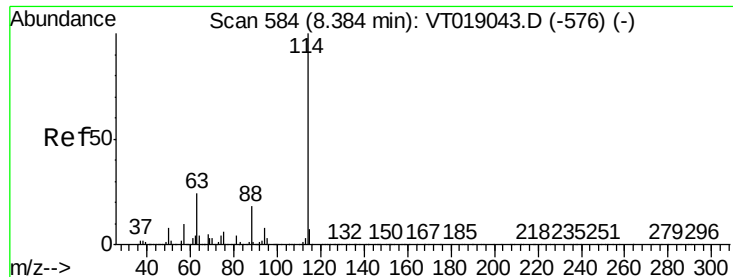
Tgt Ion: 65 Resp: 1247667

Ion Ratio Lower Upper

65 100

67 55.1 0.0 114.2

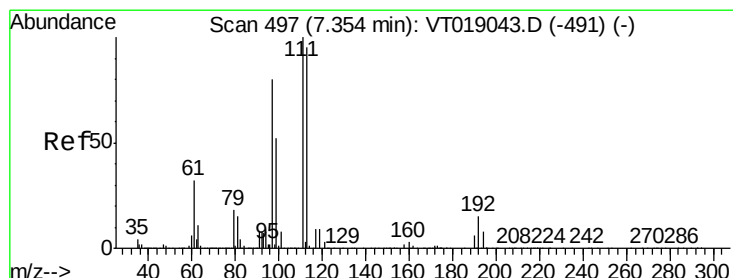
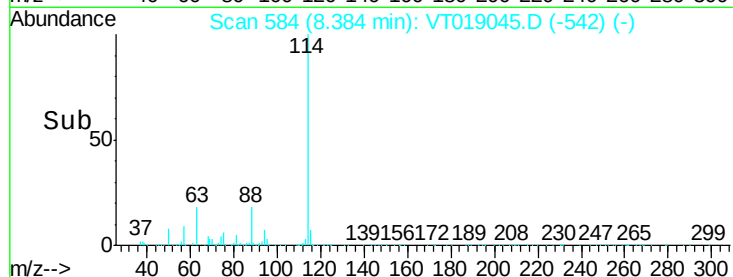
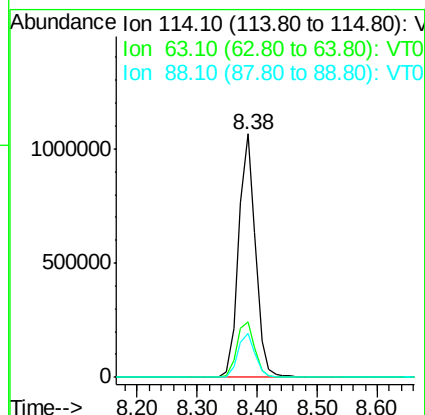
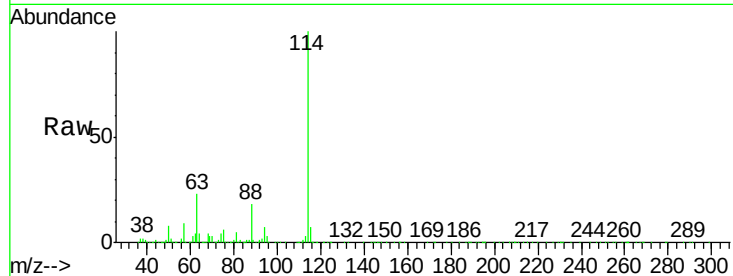




#33
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.38 min Scan# 584
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

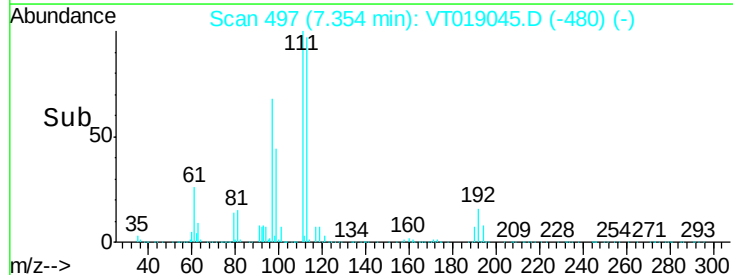
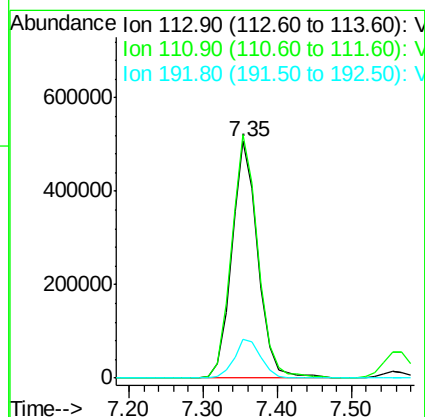
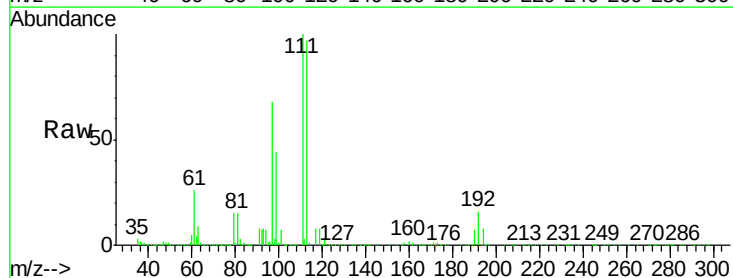
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

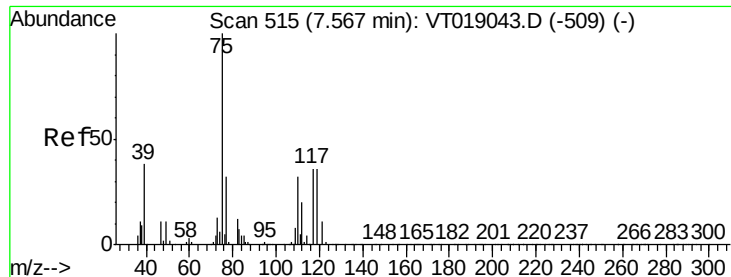
Tgt Ion:114 Resp: 2091655
Ion Ratio Lower Upper
114 100
63 22.5 0.0 48.8
88 18.2 0.0 37.0



#34
Dibromofluoromethane
Concen: 110.50 ug/l
RT: 7.35 min Scan# 497
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion:113 Resp: 1251701
Ion Ratio Lower Upper
113 100
111 102.7 84.0 126.0
192 16.2 12.9 19.3





#35

1,1-Dichloropropene

Concen: 122.86 ug/l

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

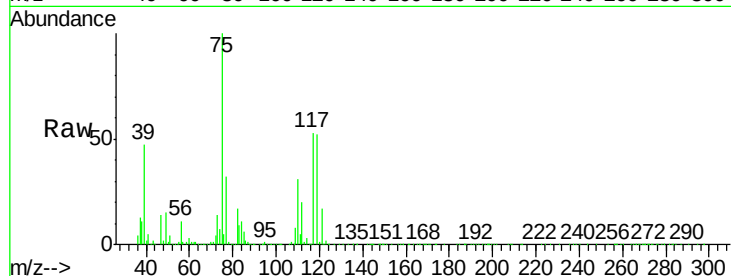
Tgt Ion: 75 Resp: 2538719

Ion Ratio Lower Upper

75 100

110 31.3 15.9 47.6

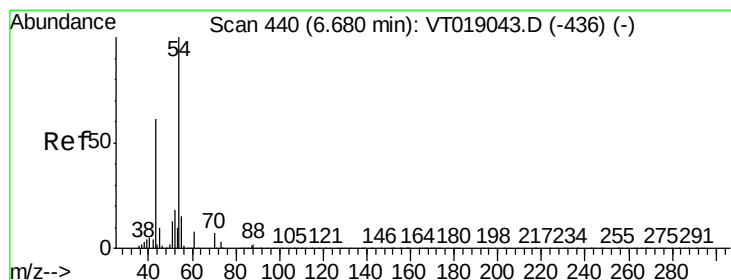
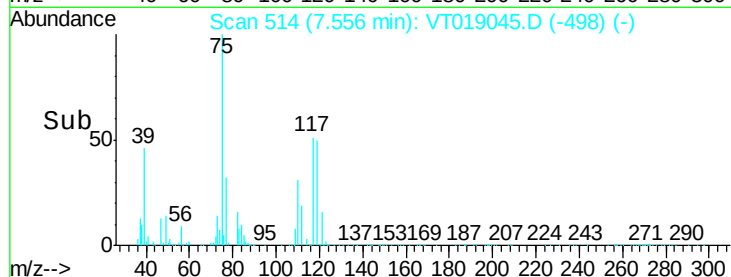
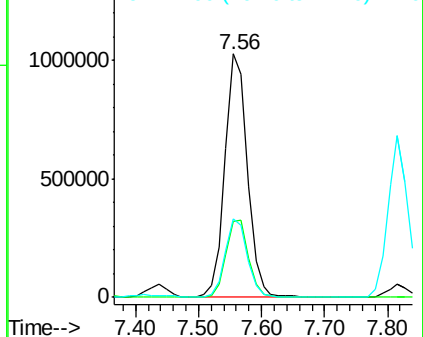
77 32.0 25.9 38.9



Abundance Ion 75.10 (74.80 to 75.80): VT0

Ion 110.00 (109.70 to 110.70): VT0

Ion 77.00 (76.70 to 77.70): VT0



#36

Ethyl Acetate

Concen: 79.27 ug/l

RT: 6.67 min Scan# 439

Delta R.T. -0.01 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

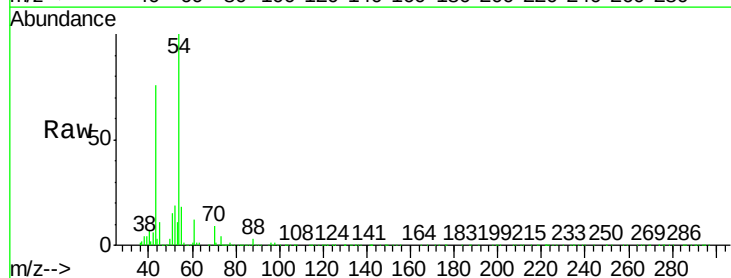
Tgt Ion: 43 Resp: 605541

Ion Ratio Lower Upper

43 100

61 16.1 14.2 21.2

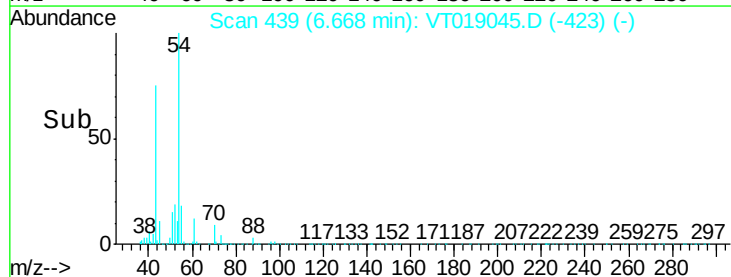
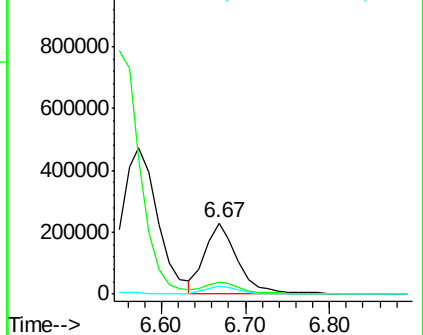
70 11.4 8.4 12.6

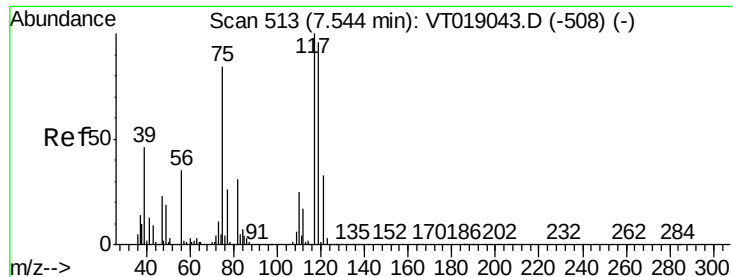


Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 61.10 (60.80 to 61.80): VT0

Ion 70.10 (69.80 to 70.80): VT0

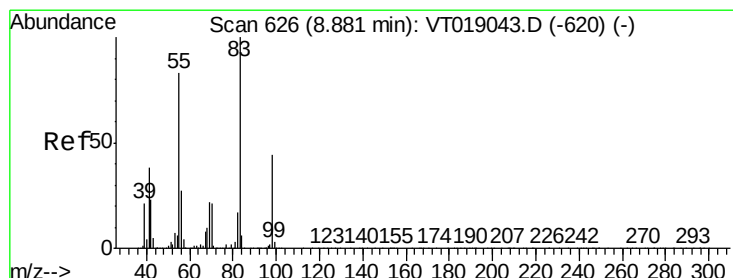
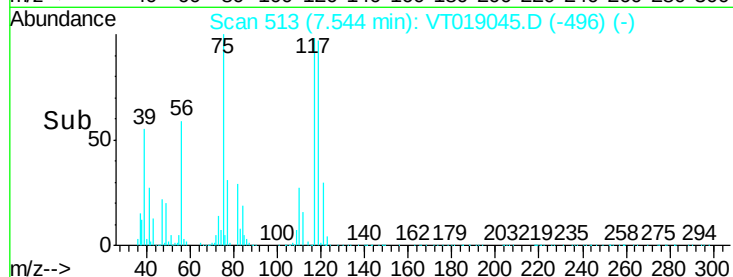
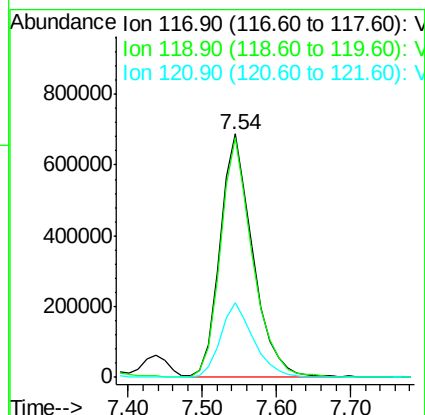
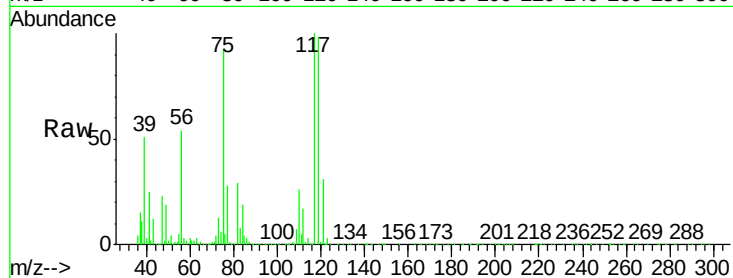




#37
Carbon Tetrachloride
Concen: 121.41 ug/l
RT: 7.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

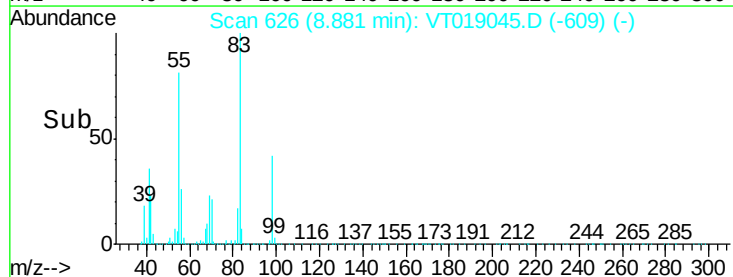
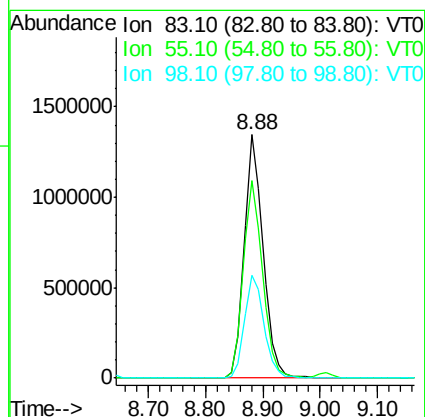
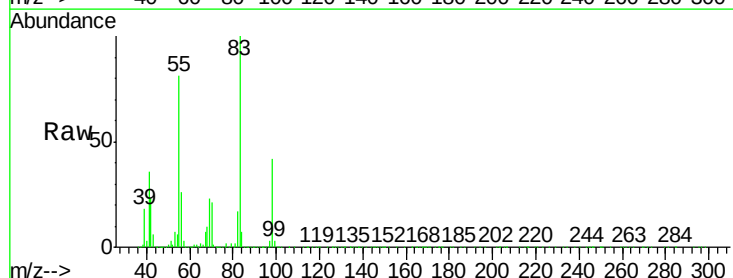
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

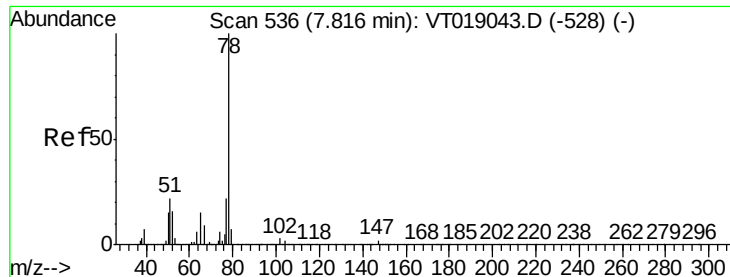
Tgt Ion:117 Resp: 2099220
Ion Ratio Lower Upper
117 100
119 98.4 76.5 114.7
121 30.5 26.0 39.0



#38
Methylcyclohexane
Concen: 117.13 ug/l
RT: 8.88 min Scan# 626
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion: 83 Resp: 3092920
Ion Ratio Lower Upper
83 100
55 80.9 66.7 100.1
98 42.2 35.5 53.3





#39

Benzene

Concen: 110.05 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

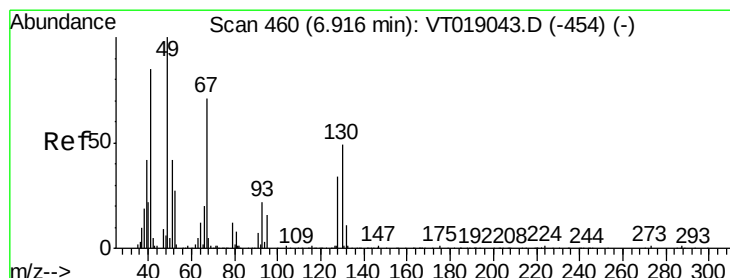
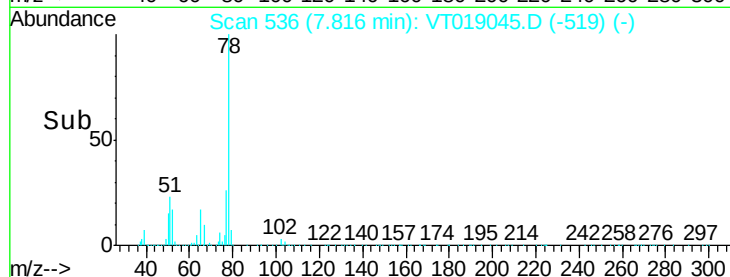
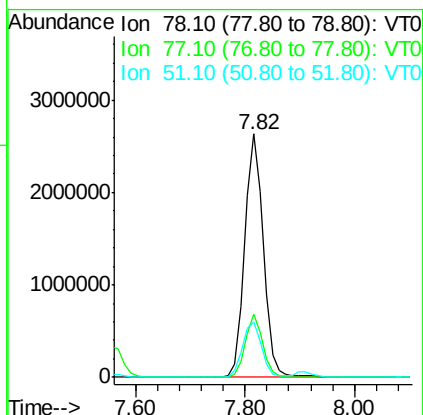
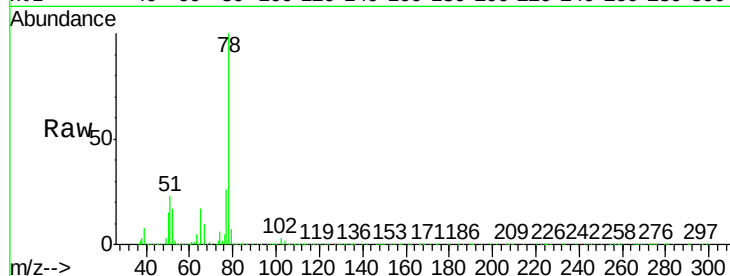
Tgt Ion: 78 Resp: 6285572

Ion Ratio Lower Upper

78 100

77 26.0 18.0 27.0

51 22.7 17.3 25.9



#40

Methacrylonitrile

Concen: 75.57 ug/l

RT: 6.92 min Scan# 460

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Tgt Ion: 41 Resp: 340746

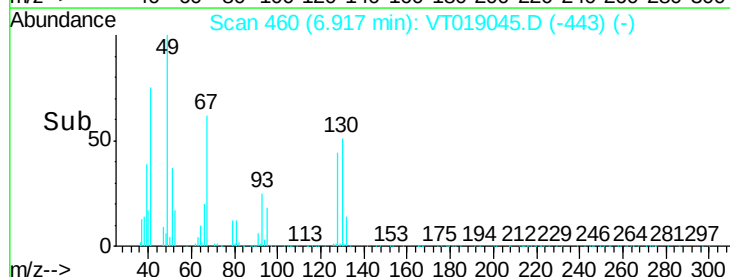
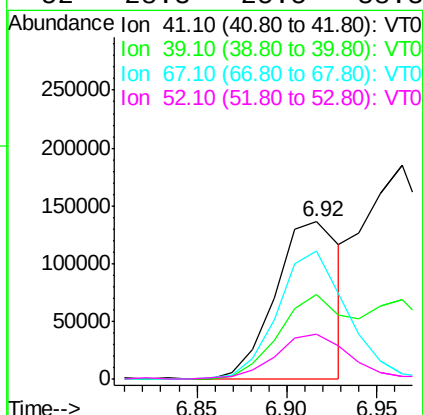
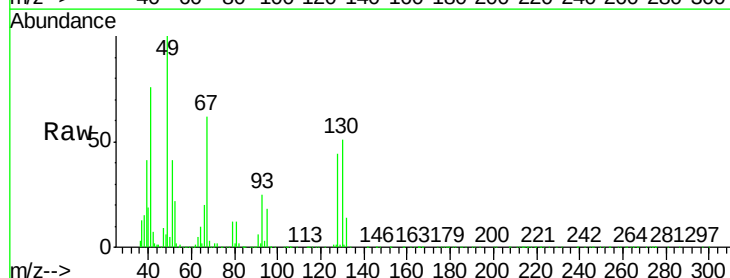
Ion Ratio Lower Upper

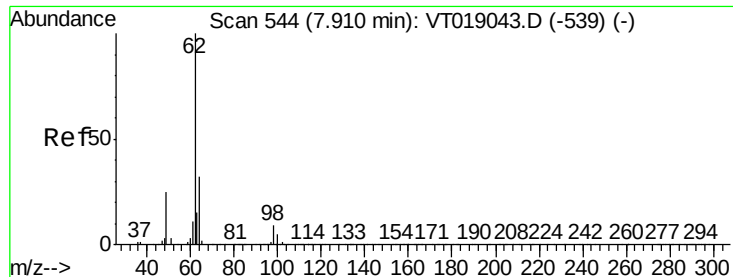
41 100

39 53.8 39.4 59.0

67 81.2 66.8 100.2

52 28.3 25.5 38.3

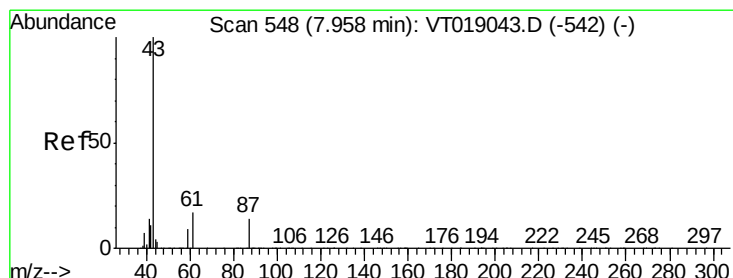
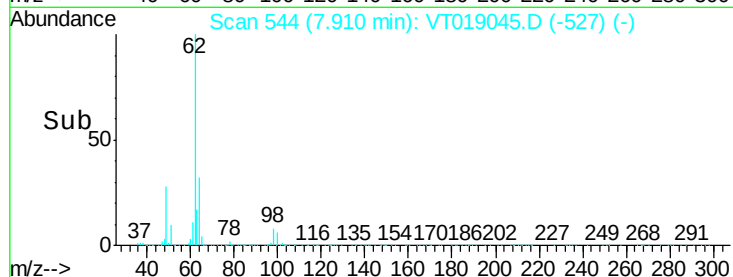
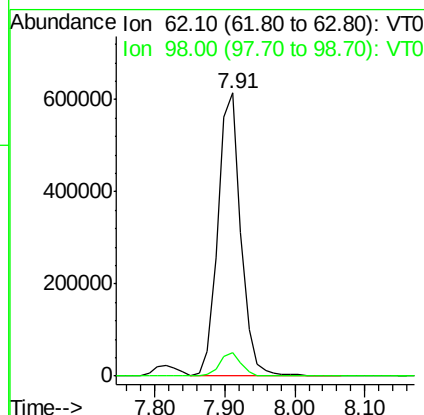
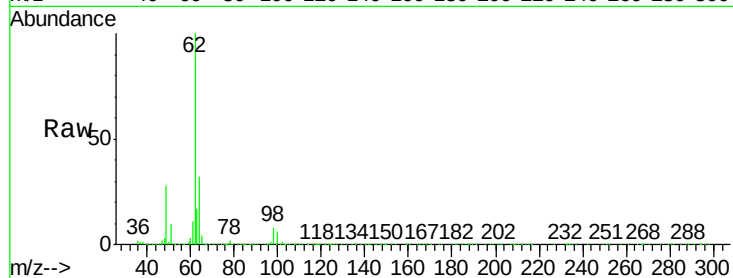




#41
 1,2-Dichloroethane
 Concen: 101.36 ug/l
 RT: 7.91 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

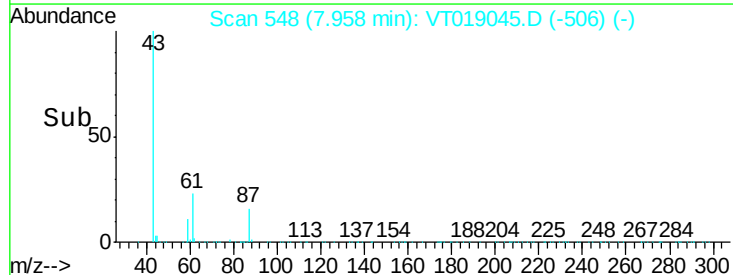
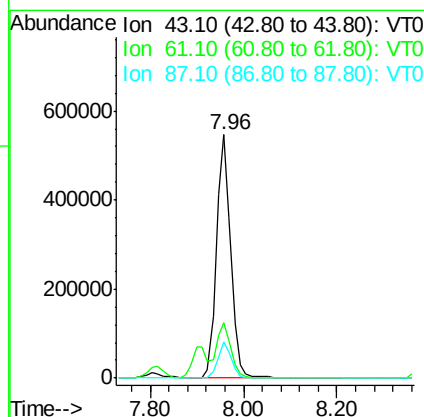
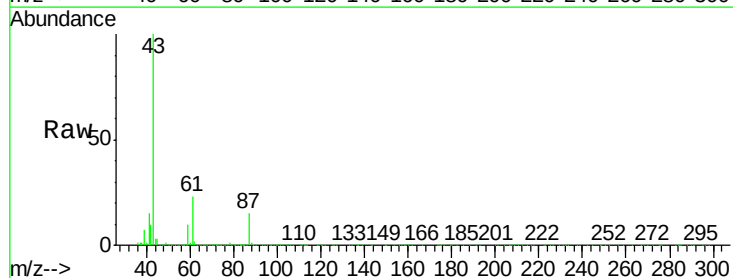
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

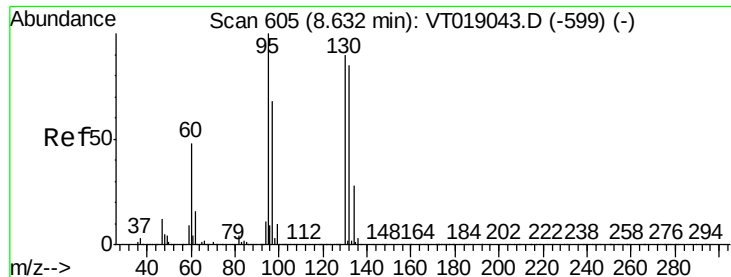
Tgt Ion: 62 Resp: 1392881
 Ion Ratio Lower Upper
 62 100
 98 8.3 0.0 17.4



#42
 Isopropyl Acetate
 Concen: 93.92 ug/l
 RT: 7.96 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

Tgt Ion: 43 Resp: 1176387
 Ion Ratio Lower Upper
 43 100
 61 23.0 17.9 26.9
 87 15.1 11.0 16.6





#43

Trichloroethene

Concen: 104.62 ug/l

RT: 8.63 min Scan# 605

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

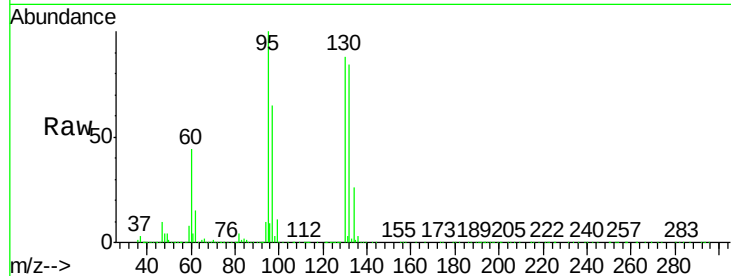
VSTDIC100

Tgt Ion:130 Resp: 1515217

Ion Ratio Lower Upper

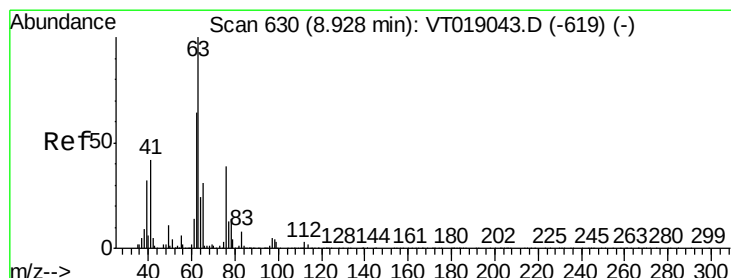
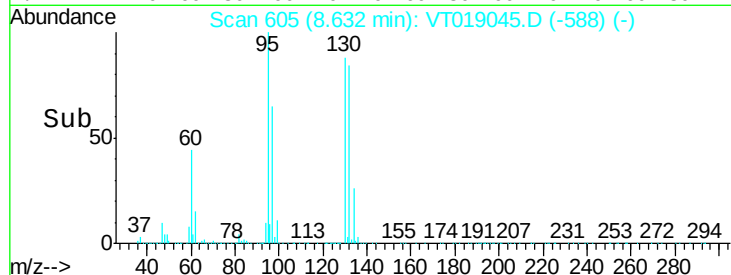
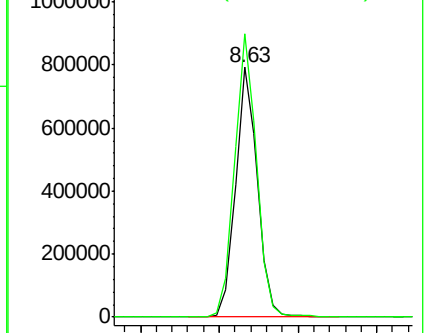
130 100

95 113.3 0.0 222.6



Abundance Ion 129.90 (129.60 to 130.60): VT0

Ion 95.00 (94.70 to 95.70): VT0



#44

1,2-Dichloropropane

Concen: 115.60 ug/l

RT: 8.92 min Scan# 629

Delta R.T. -0.01 min

Lab File: VT019045.D

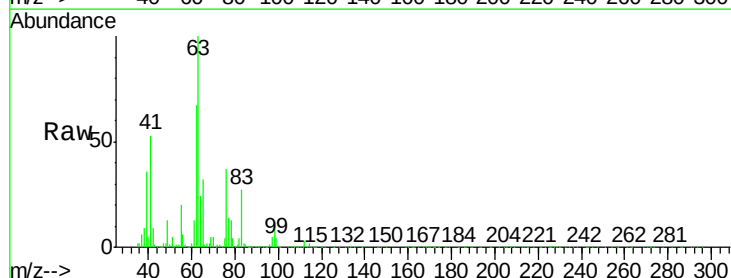
Acq: 8 May 2018 19:50

Tgt Ion: 63 Resp: 1529858

Ion Ratio Lower Upper

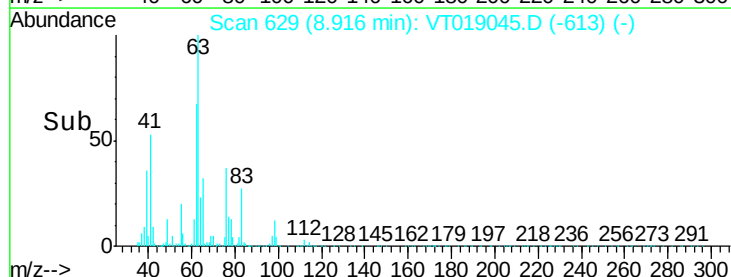
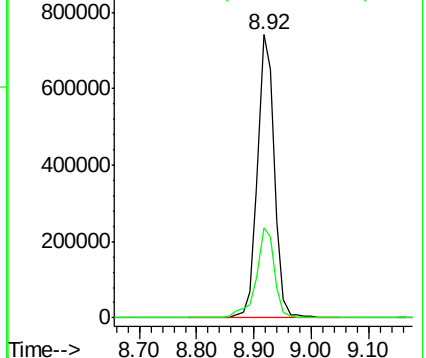
63 100

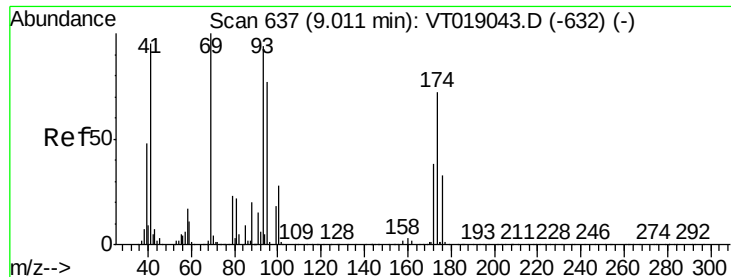
65 31.6 25.0 37.4



Abundance Ion 63.10 (62.80 to 63.80): VT0

Ion 65.10 (64.80 to 65.80): VT0





#45

Dibromomethane

Concen: 102.52 ug/l

RT: 9.01 min Scan# 637

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

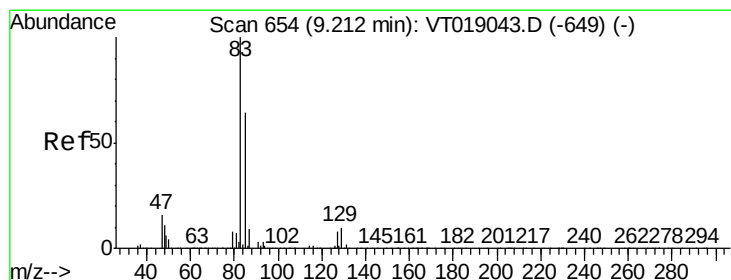
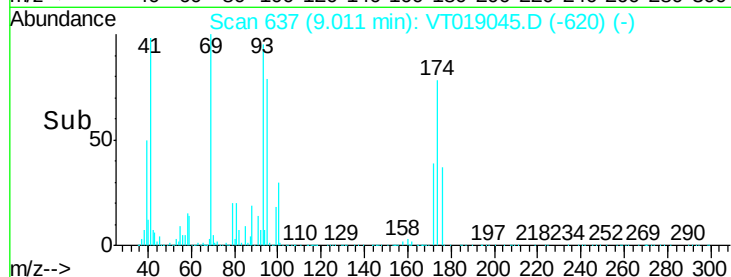
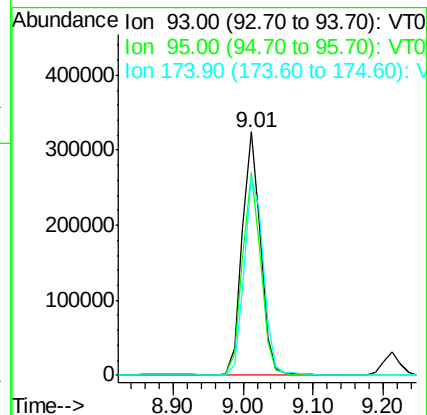
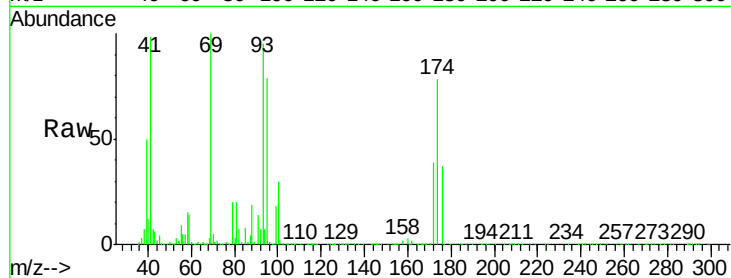
Tgt Ion: 93 Resp: 595526

Ion Ratio Lower Upper

93 100

95 83.3 65.5 98.3

174 81.9 60.9 91.3



#46

Bromodichloromethane

Concen: 118.65 ug/l

RT: 9.21 min Scan# 654

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

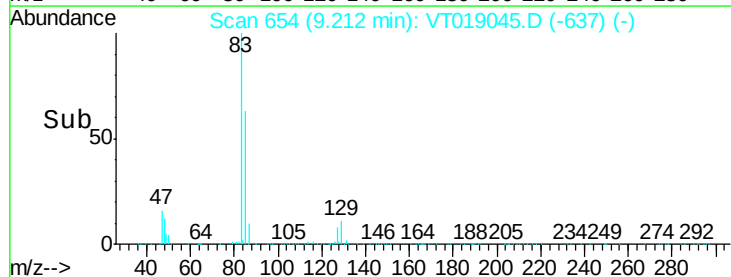
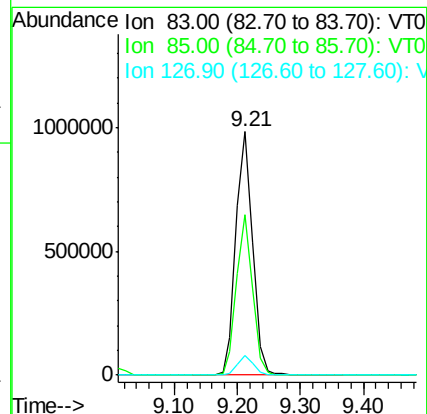
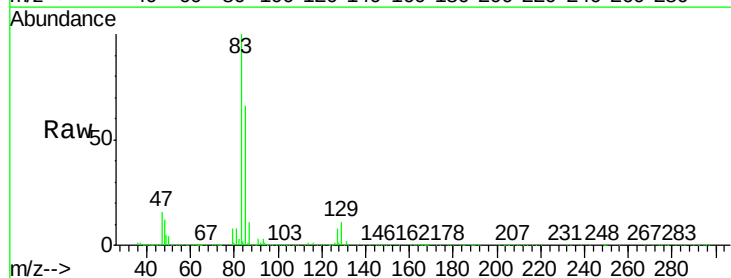
Tgt Ion: 83 Resp: 1793543

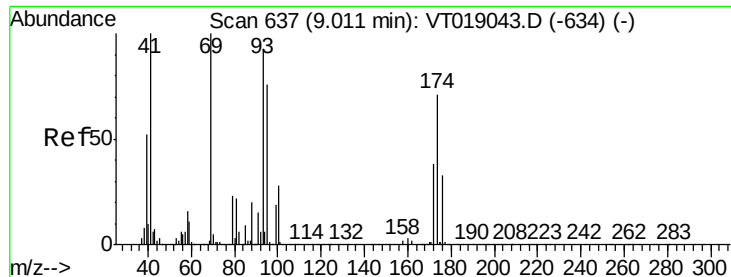
Ion Ratio Lower Upper

83 100

85 65.7 51.3 76.9

127 7.9 6.1 9.1





#47

Methyl methacrylate

Concen: 85.09 ug/l

RT: 9.01 min Scan# 637

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC100

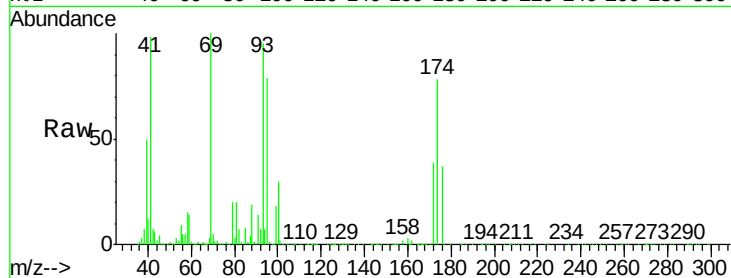
Tgt Ion: 41 Resp: 604387

Ion Ratio Lower Upper

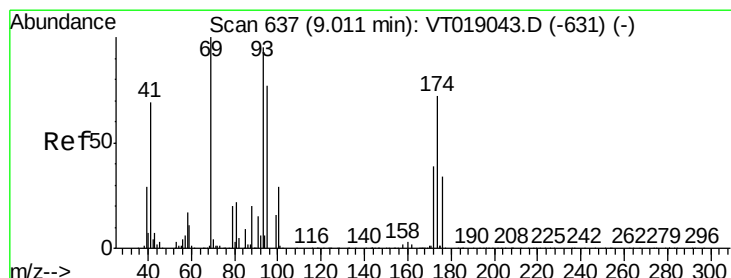
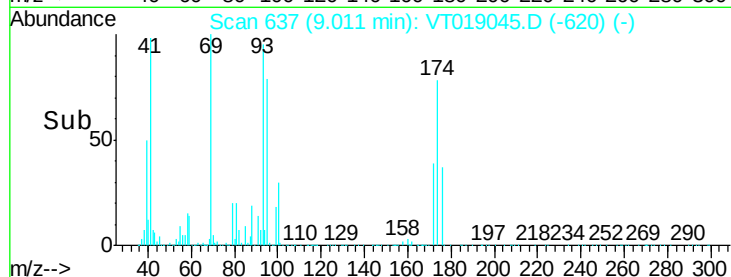
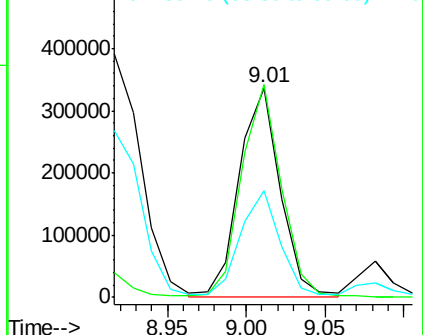
41 100

69 101.6 78.4 117.6

39 51.1 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



#48

1,4-Dioxane

Concen: 1678.94 ug/l

RT: 9.01 min Scan# 637

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

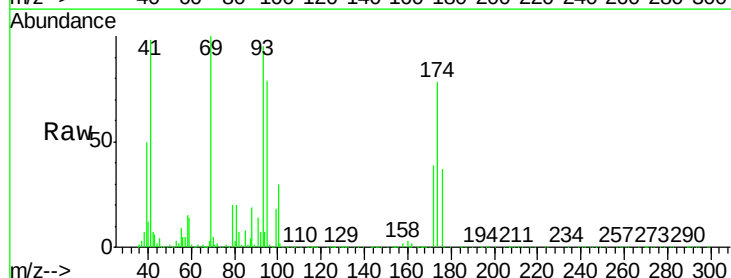
Tgt Ion: 88 Resp: 131432

Ion Ratio Lower Upper

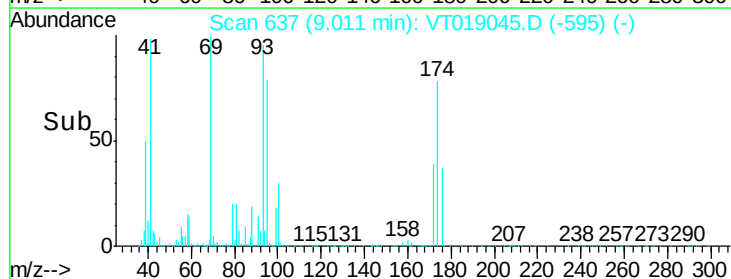
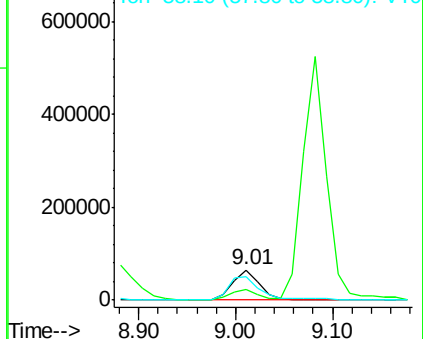
88 100

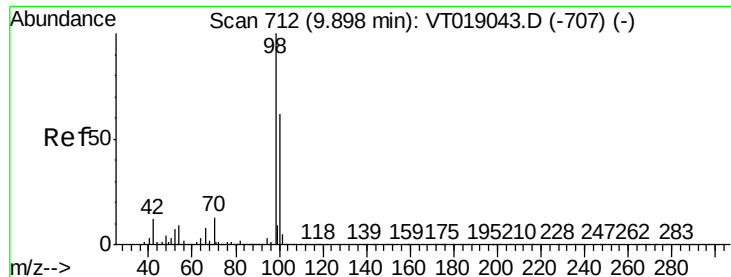
43 34.0 30.5 45.7

58 78.3 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





#49

Toluene-d8

Concen: 106.18 ug/l

RT: 9.90 min Scan# 712

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

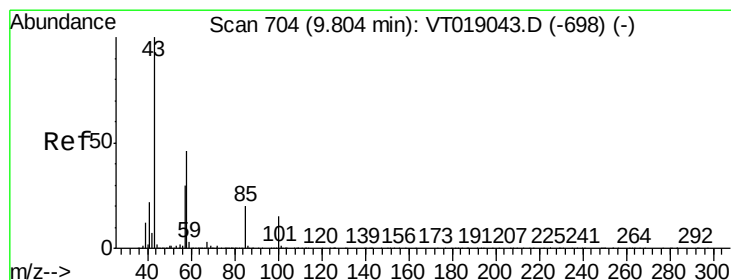
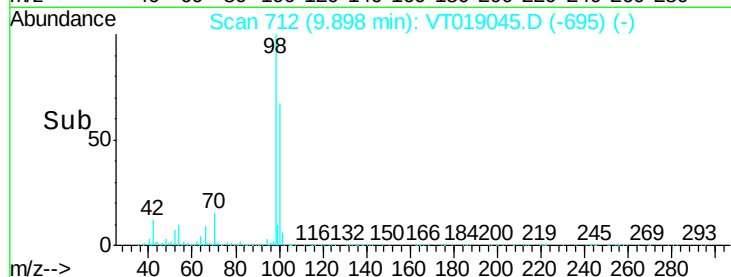
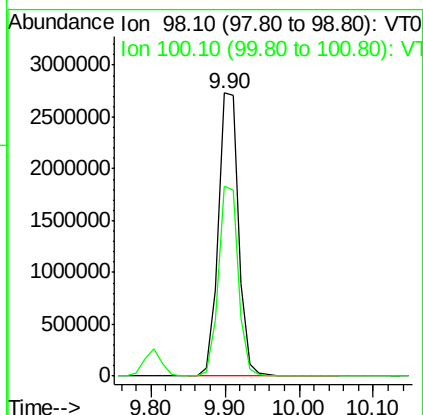
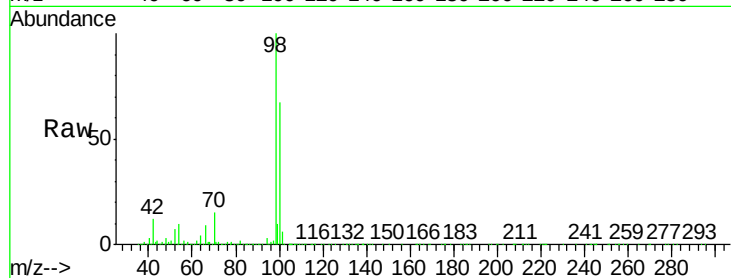
VSTDIC100

Tgt Ion: 98 Resp: 5287631

Ion Ratio Lower Upper

98 100

100 67.0 50.0 75.0



#50

4-Methyl-2-Pentanone

Concen: 396.94 ug/l

RT: 9.80 min Scan# 704

Delta R.T. 0.00 min

Lab File: VT019045.D

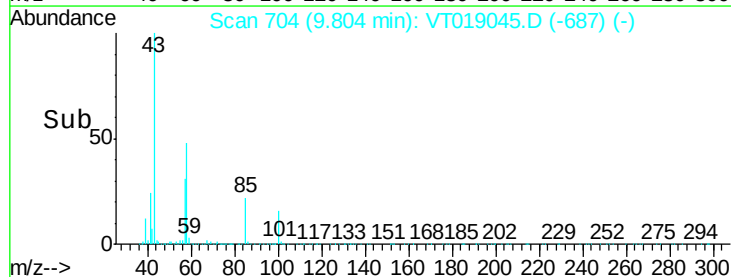
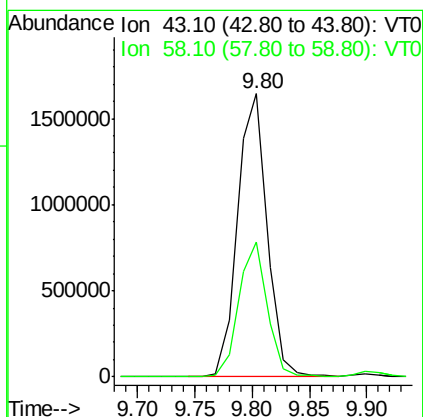
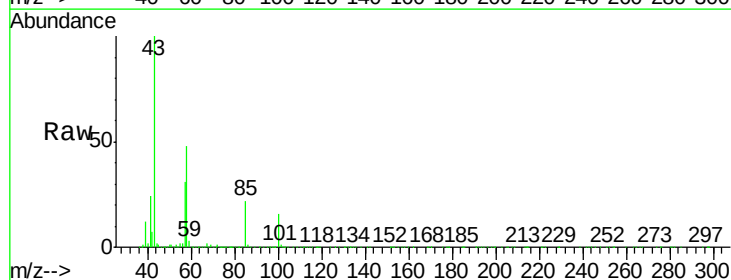
Acq: 8 May 2018 19:50

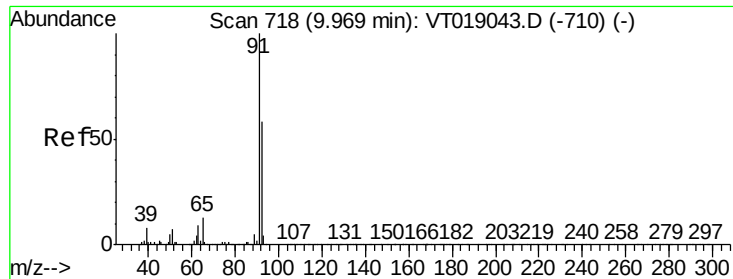
Tgt Ion: 43 Resp: 2949001

Ion Ratio Lower Upper

43 100

58 47.8 36.6 54.8





#51

Toluene

Concen: 107.73 ug/l

RT: 9.97 min Scan# 718

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

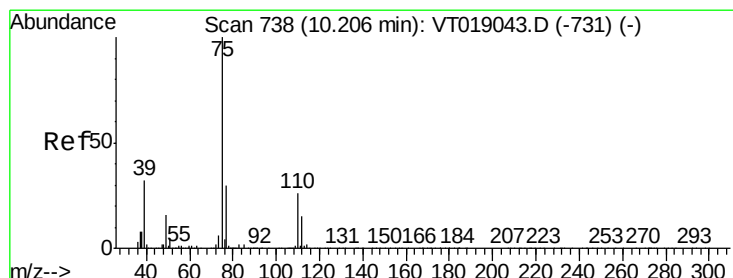
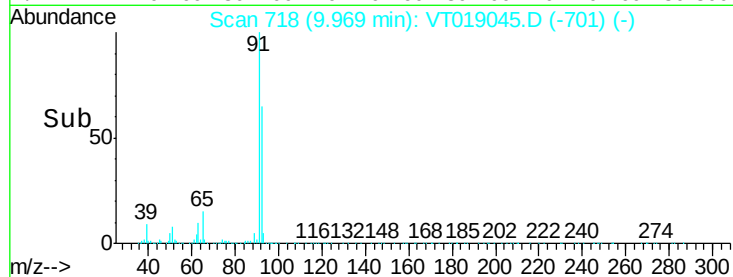
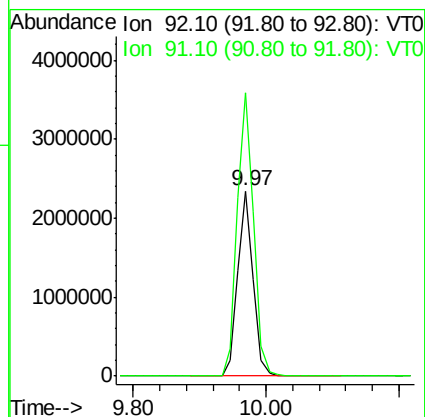
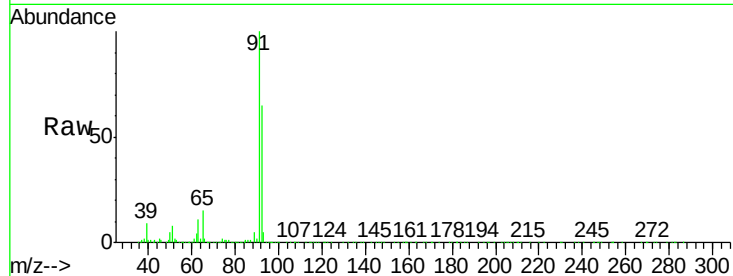
VSTDIC100

Tgt Ion: 92 Resp: 3815961

Ion Ratio Lower Upper

92 100

91 153.0 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 118.16 ug/l

RT: 10.19 min Scan# 737

Delta R.T. -0.01 min

Lab File: VT019045.D

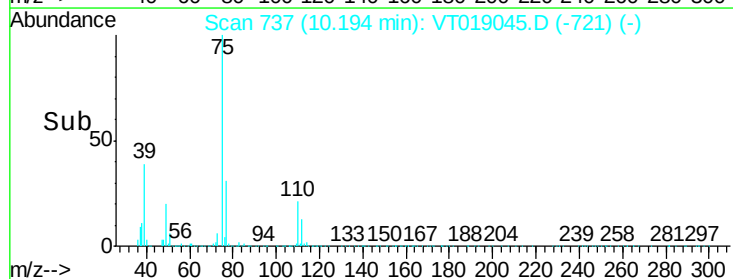
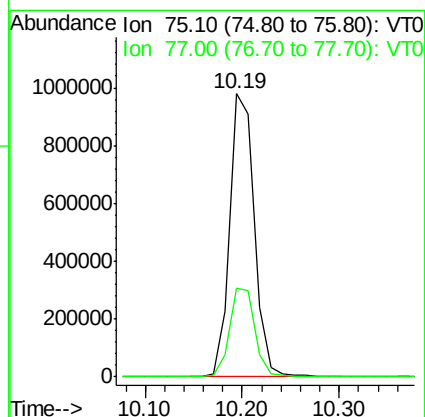
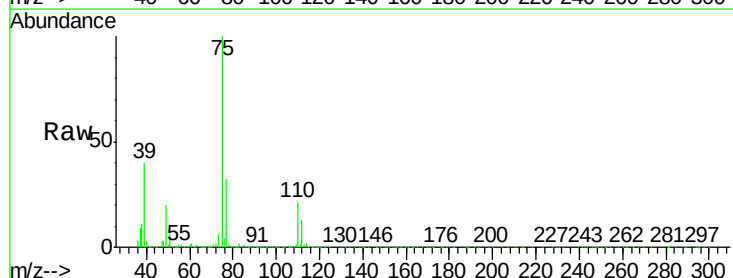
Acq: 8 May 2018 19:50

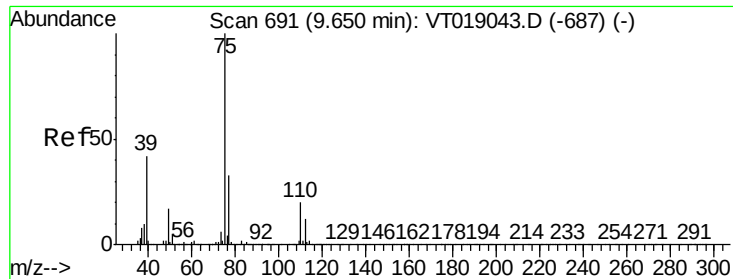
Tgt Ion: 75 Resp: 1721091

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8





#53

cis-1,3-Dichloropropene

Concen: 118.27 ug/l

RT: 9.65 min Scan# 691

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

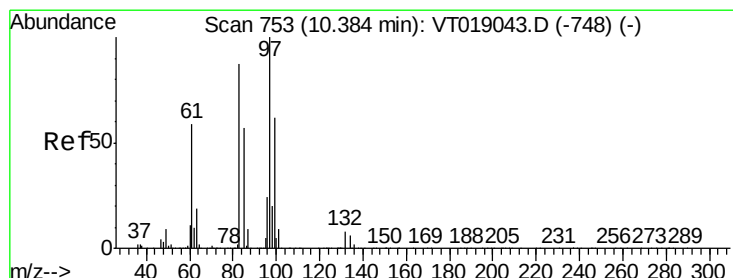
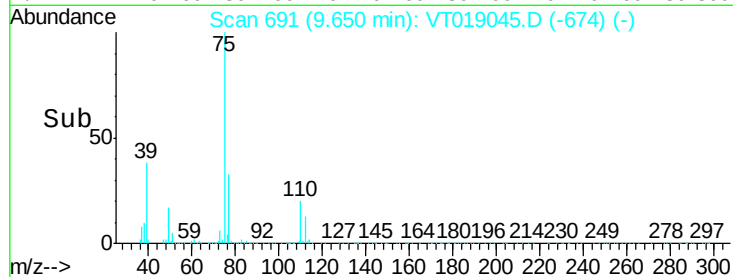
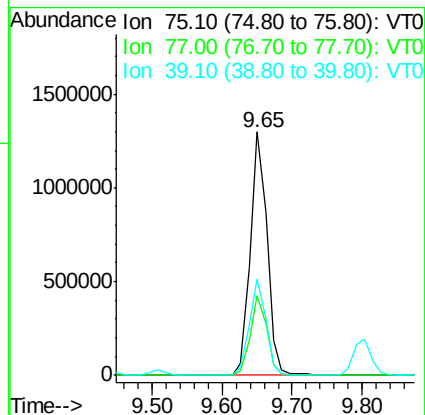
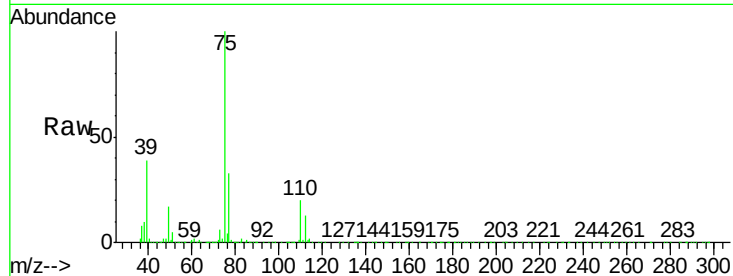
Tgt Ion: 75 Resp: 2174342

Ion Ratio Lower Upper

75 100

77 32.8 26.6 39.8

39 39.4 34.1 51.1



#54

1,1,2-Trichloroethane

Concen: 103.72 ug/l

RT: 10.38 min Scan# 753

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Tgt Ion: 97 Resp: 899777

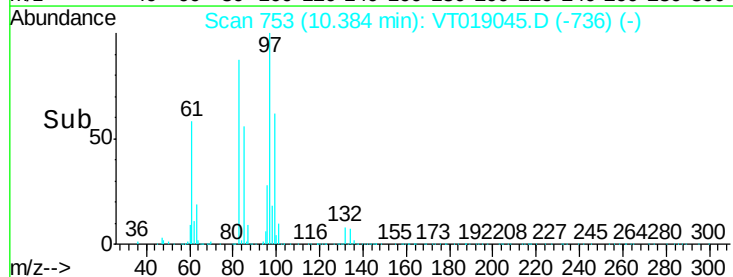
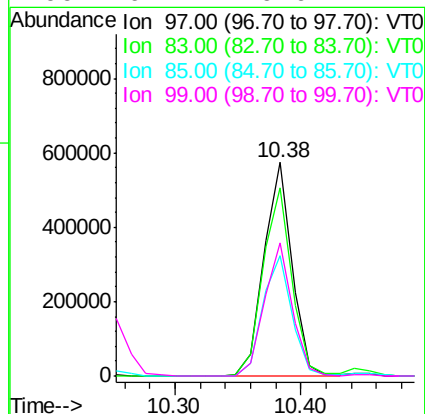
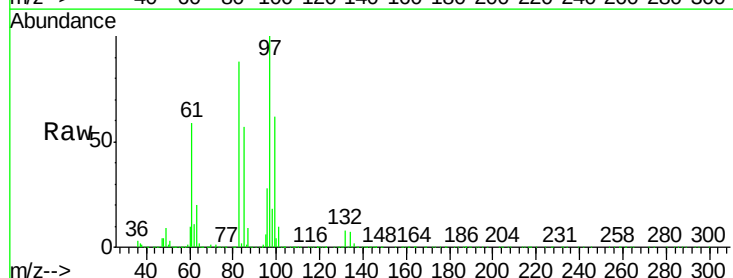
Ion Ratio Lower Upper

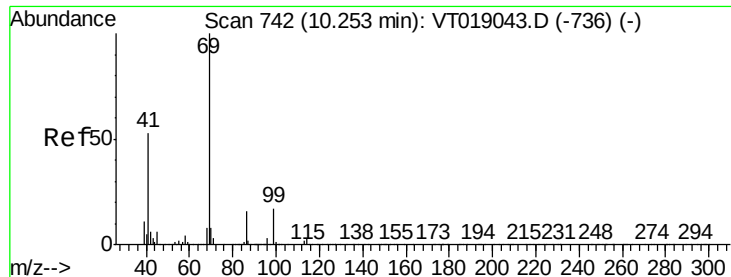
97 100

83 88.0 69.7 104.5

85 56.6 46.1 69.1

99 62.1 49.6 74.4





#55

Ethyl methacrylate

Concen: 113.38 ug/l

RT: 10.25 min Scan# 742

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

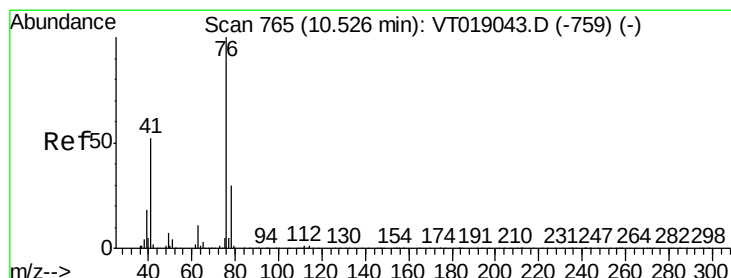
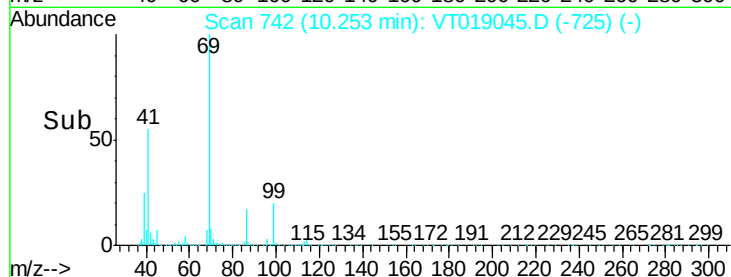
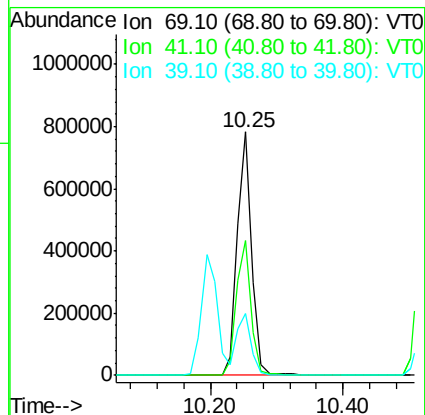
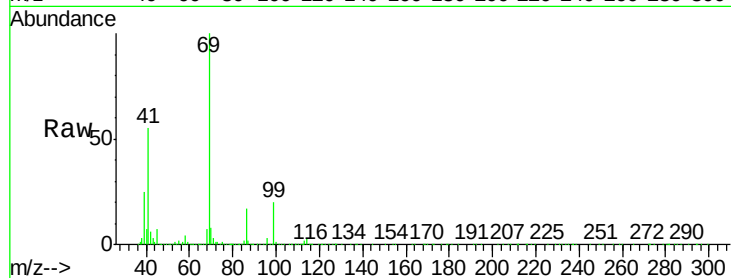
Tgt Ion: 69 Resp: 1199705

Ion Ratio Lower Upper

69 100

41 55.1 42.9 64.3

39 25.2 21.2 31.8



#56

1,3-Dichloropropane

Concen: 109.29 ug/l

RT: 10.53 min Scan# 765

Delta R.T. 0.00 min

Lab File: VT019045.D

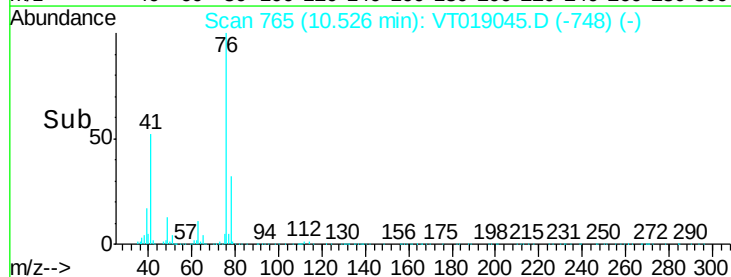
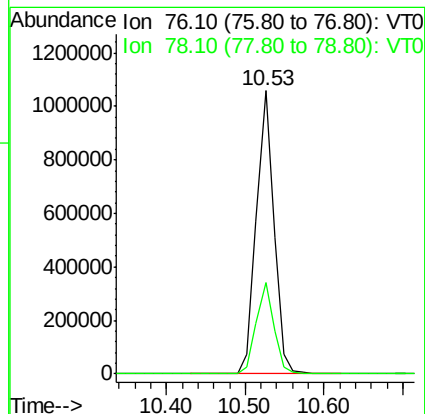
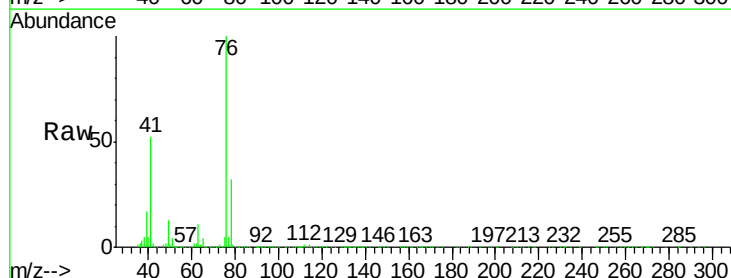
Acq: 8 May 2018 19:50

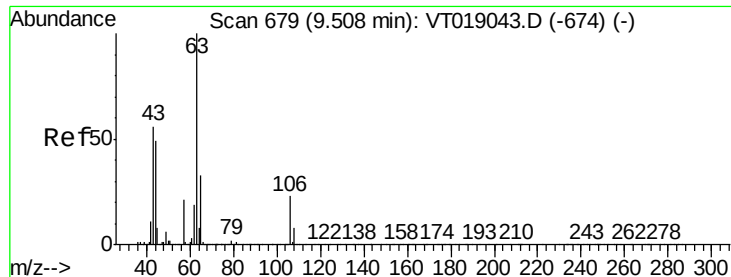
Tgt Ion: 76 Resp: 1645634

Ion Ratio Lower Upper

76 100

78 32.5 24.1 36.1





#57

2-Chloroethyl Vinyl ether

Concen: 596.60 ug/l

RT: 9.51 min Scan# 679

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

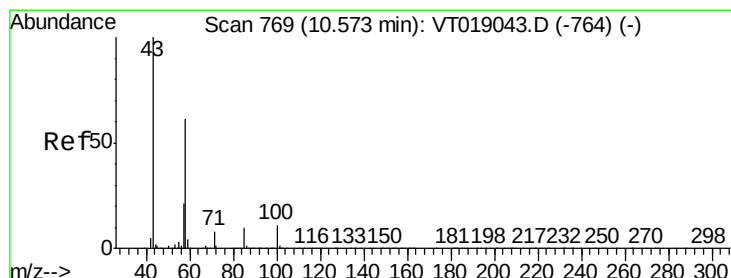
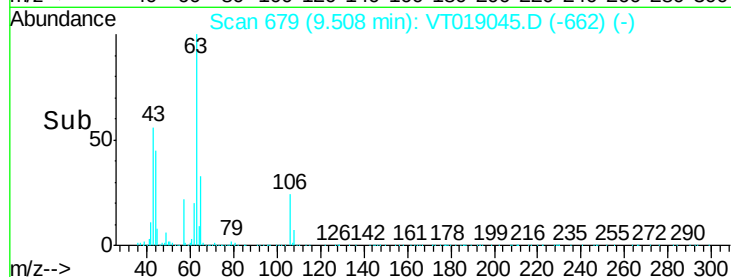
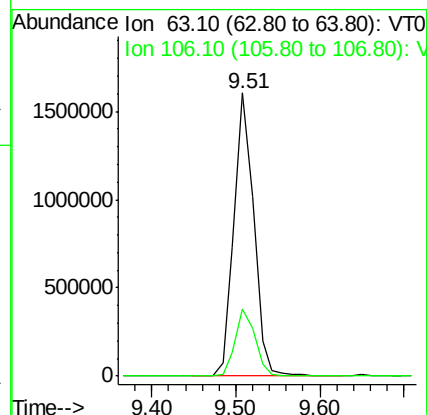
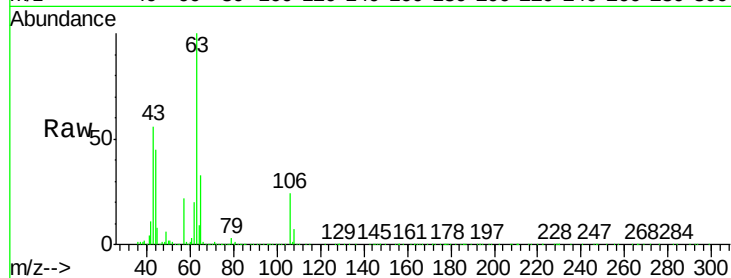
VSTDIC100

Tgt Ion: 63 Resp: 2629699

Ion Ratio Lower Upper

63 100

106 23.5 18.7 28.1



#58

2-Hexanone

Concen: 385.25 ug/l

RT: 10.57 min Scan# 769

Delta R.T. 0.00 min

Lab File: VT019045.D

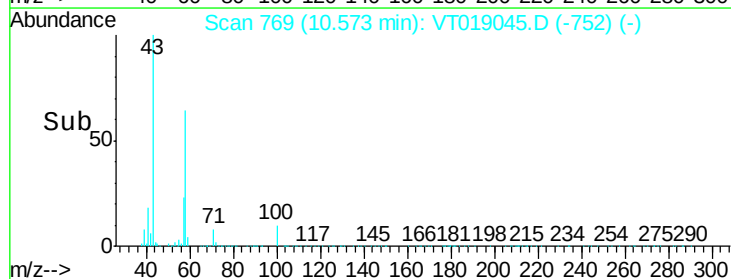
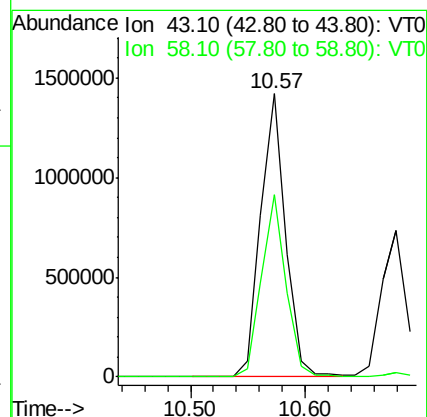
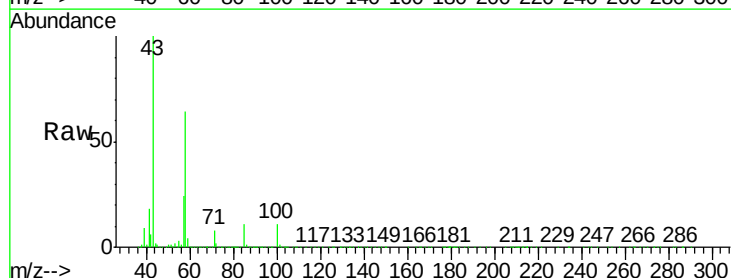
Acq: 8 May 2018 19:50

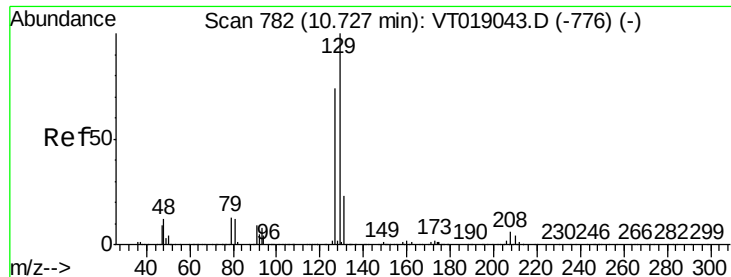
Tgt Ion: 43 Resp: 2161448

Ion Ratio Lower Upper

43 100

58 64.3 30.6 92.0





#59

Dibromochloromethane

Concen: 98.02 ug/l

RT: 10.73 min Scan# 782

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

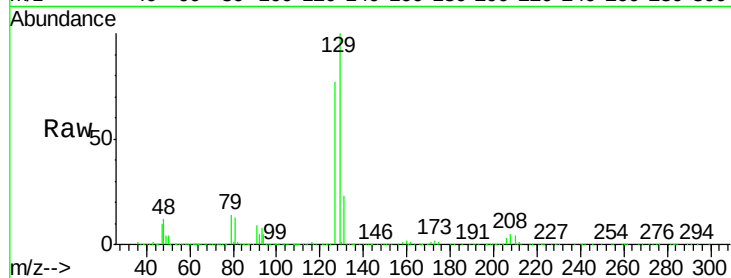
VSTDIC100

Tgt Ion:129 Resp: 980974

Ion Ratio Lower Upper

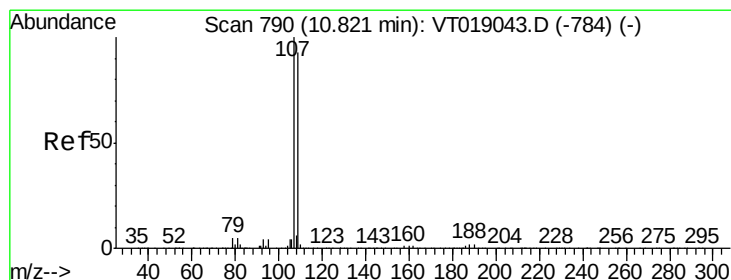
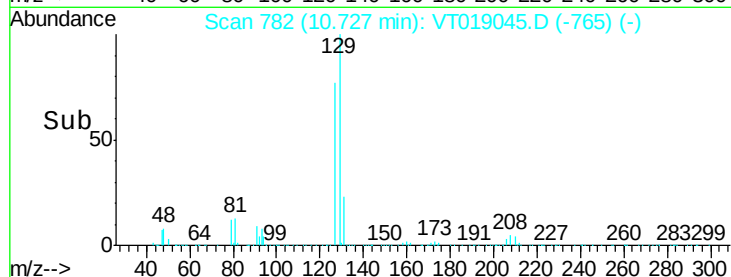
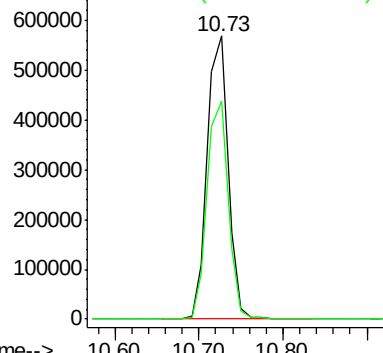
129 100

127 77.1 37.3 111.8



Abundance Ion 128.90 (128.60 to 129.60): V

Ion 126.90 (126.60 to 127.60): V



#60

1,2-Dibromoethane

Concen: 102.83 ug/l

RT: 10.82 min Scan# 790

Delta R.T. 0.00 min

Lab File: VT019045.D

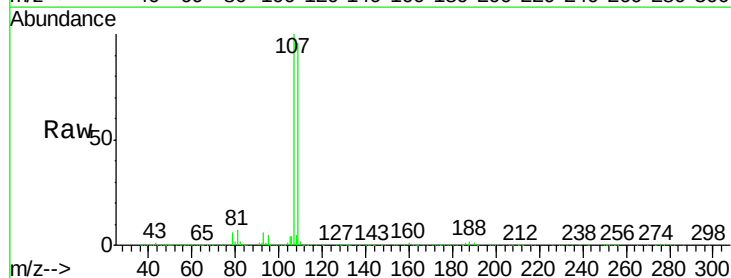
Acq: 8 May 2018 19:50

Tgt Ion:107 Resp: 822615

Ion Ratio Lower Upper

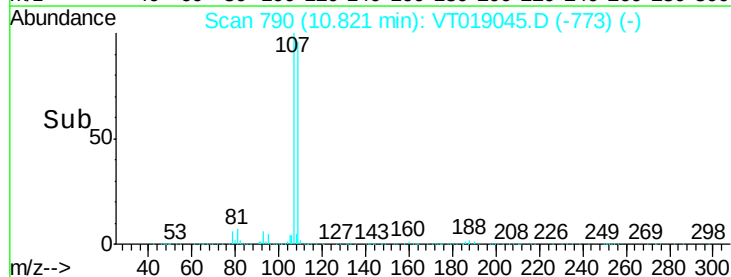
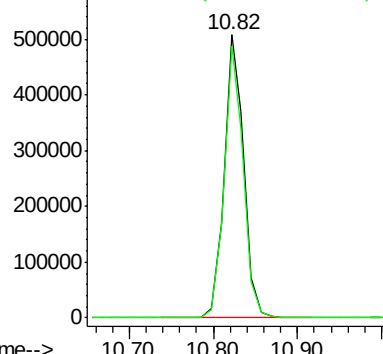
107 100

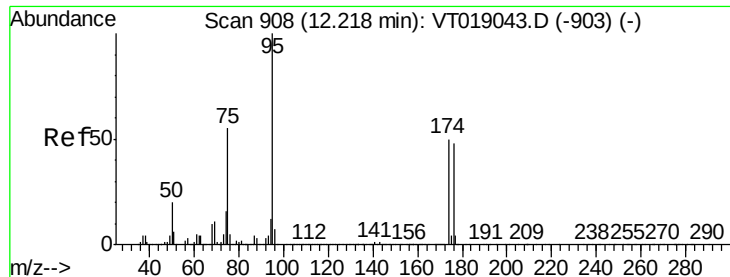
109 96.0 74.3 111.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

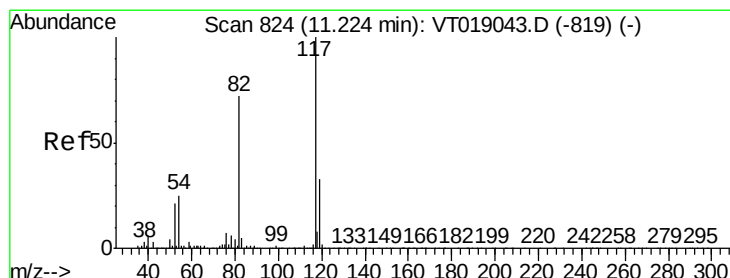
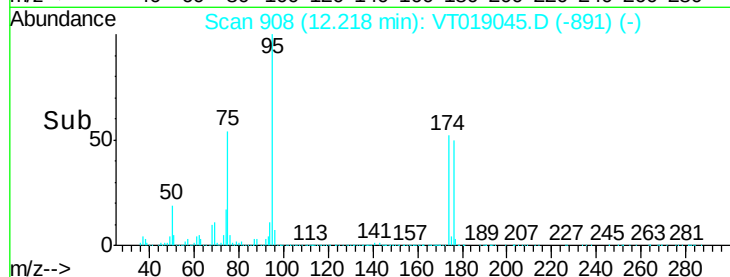
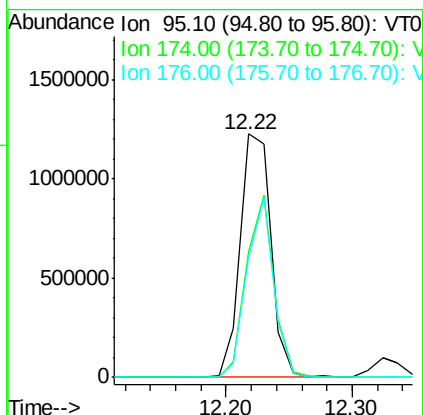
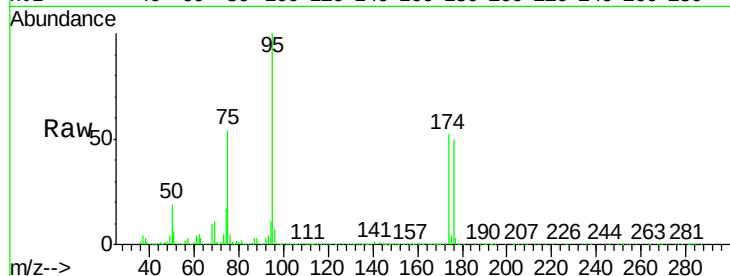




#61
4-Bromofluorobenzene
Concen: 120.05 ug/l
RT: 12.22 min Scan# 908
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

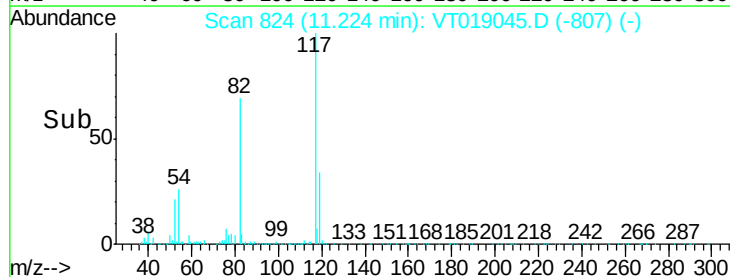
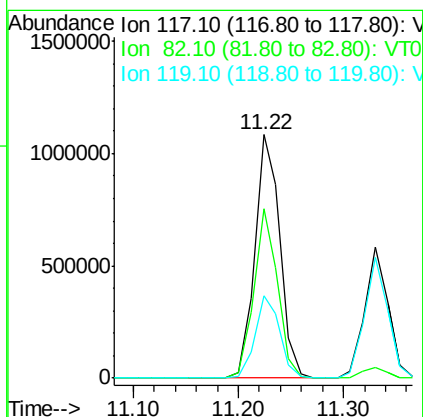
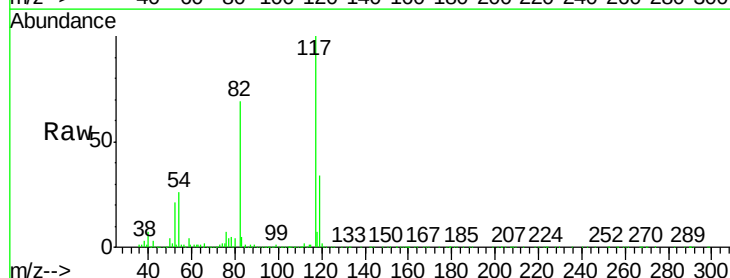
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

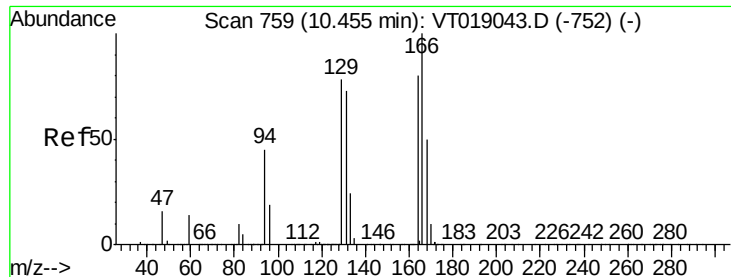
Tgt Ion: 95 Resp: 2069488
Ion Ratio Lower Upper
95 100
174 51.7 0.0 100.0
176 49.6 0.0 96.6



#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.22 min Scan# 824
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion: 117 Resp: 1796796
Ion Ratio Lower Upper
117 100
82 69.4 57.6 86.4
119 33.6 26.6 40.0

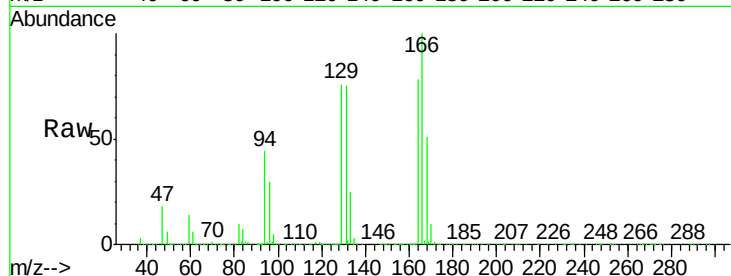




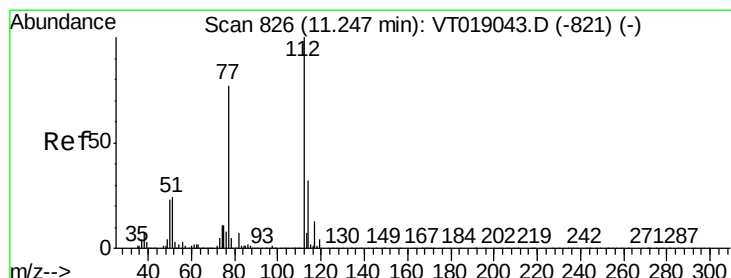
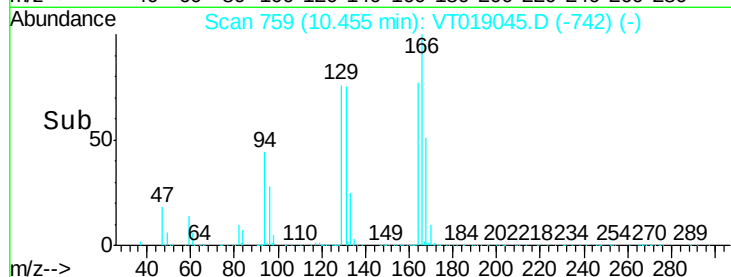
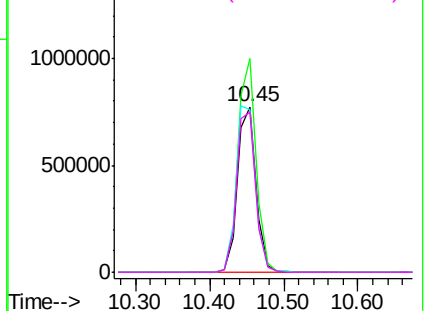
#63
Tetrachloroethene
Concen: 103.73 ug/l
RT: 10.45 min Scan# 759
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion:164 Resp: 1359319
Ion Ratio Lower Upper
164 100
166 129.0 100.6 151.0
129 98.5 78.1 117.1
131 96.3 73.2 109.8

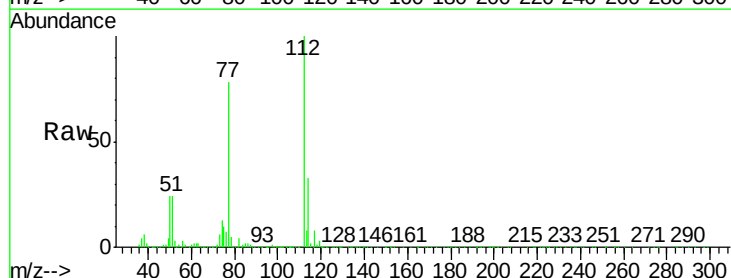


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

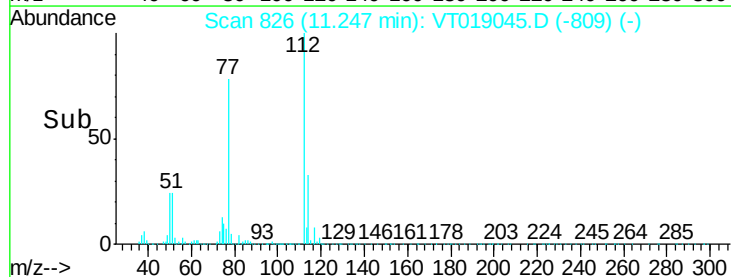
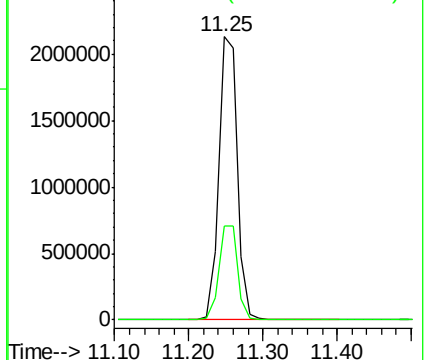


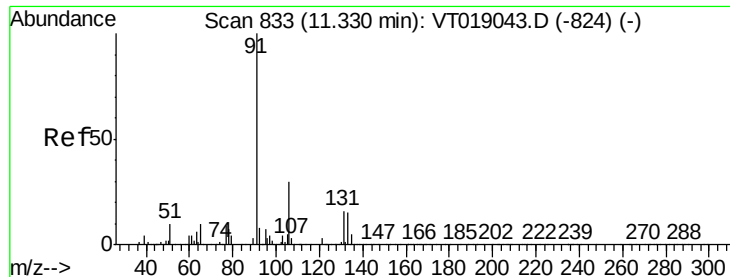
#64
Chlorobenzene
Concen: 96.97 ug/l
RT: 11.25 min Scan# 826
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion:112 Resp: 3752750
Ion Ratio Lower Upper
112 100
114 33.3 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 108.45 ug/l

RT: 11.33 min Scan# 833

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

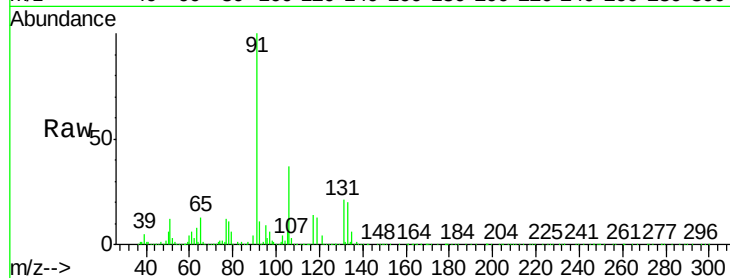
Tgt Ion:131 Resp: 1319633

Ion Ratio Lower Upper

131 100

133 92.9 47.8 143.3

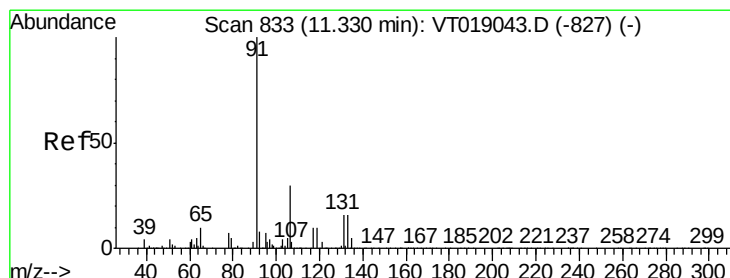
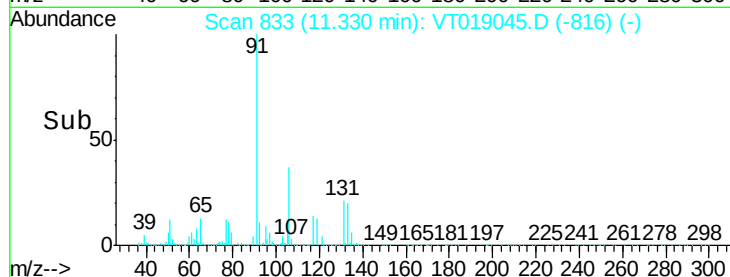
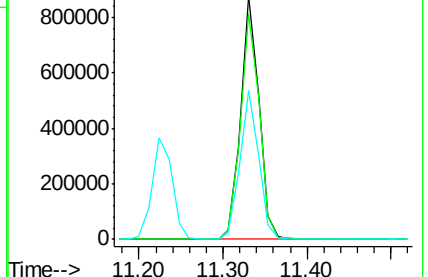
119 61.0 31.8 95.4



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: 103.53 ug/l

RT: 11.33 min Scan# 833

Delta R.T. 0.00 min

Lab File: VT019045.D

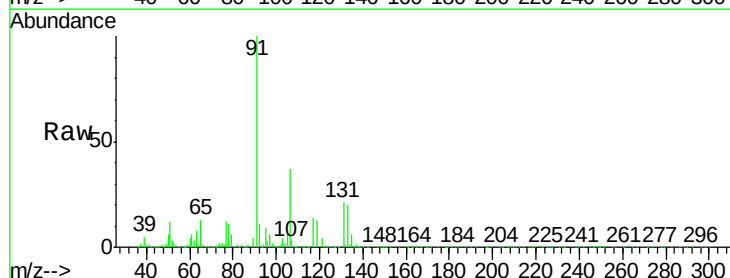
Acq: 8 May 2018 19:50

Tgt Ion: 91 Resp: 6990737

Ion Ratio Lower Upper

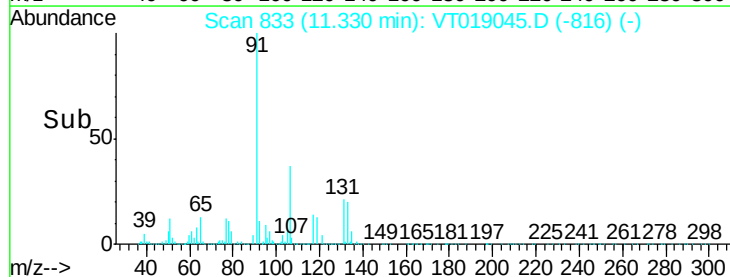
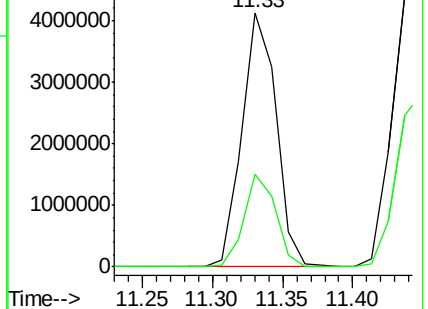
91 100

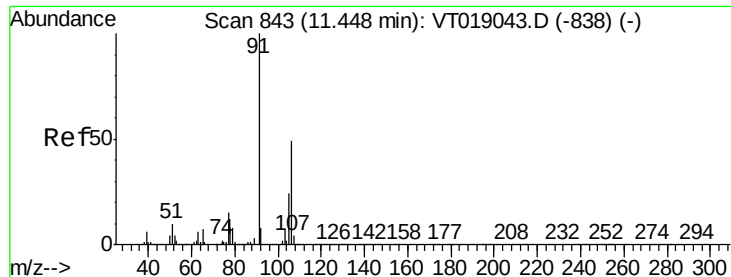
106 36.6 24.0 36.0#



Abundance Ion 91.10 (90.80 to 91.80): VT0

Ion 106.10 (105.80 to 106.80): V

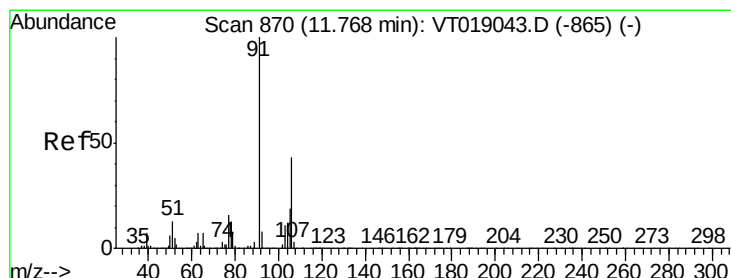
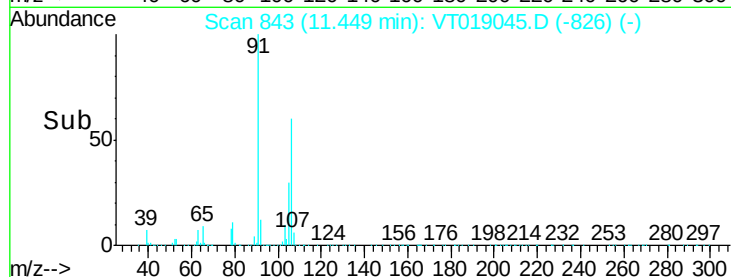
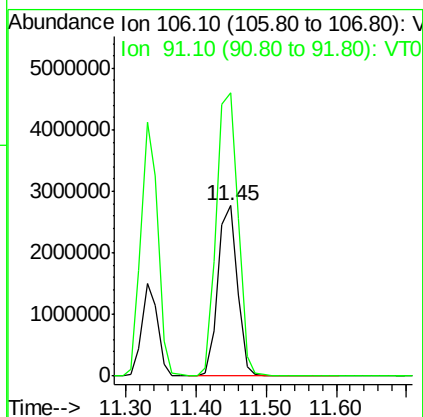
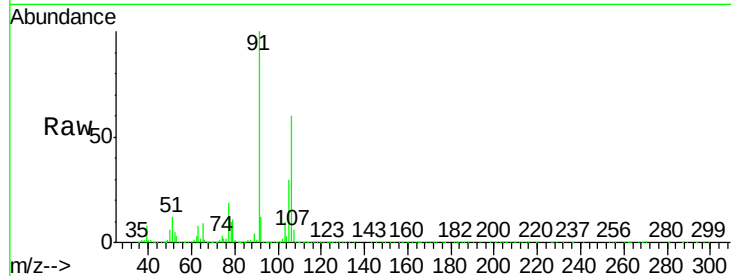




#67
m/p-Xylenes
Concen: 198.96 ug/l
RT: 11.45 min Scan# 843
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

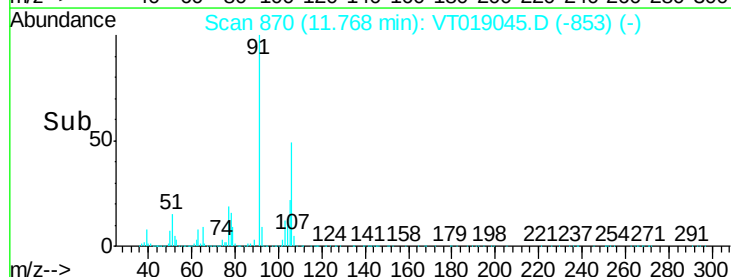
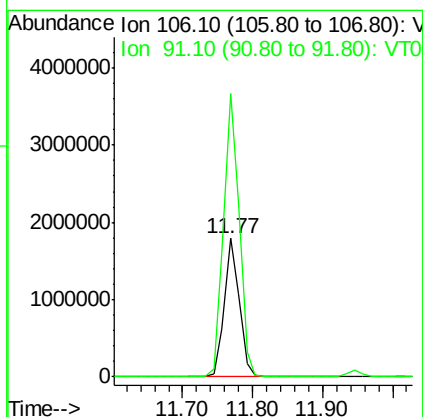
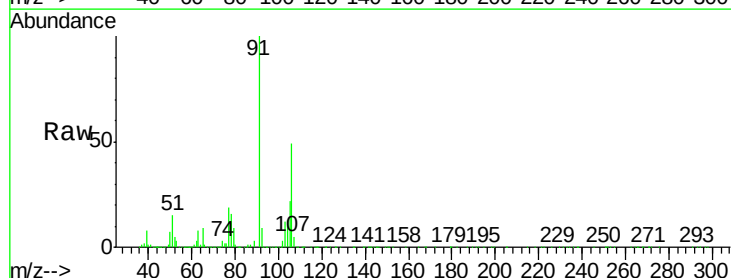
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

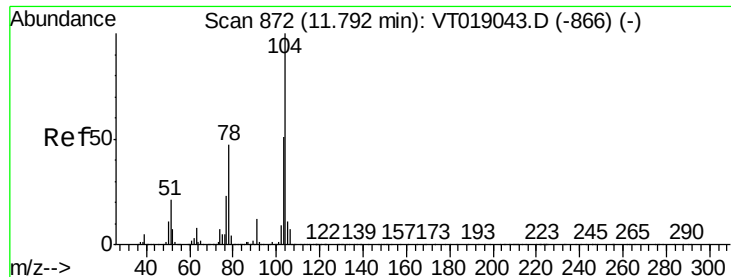
Tgt Ion:106 Resp: 5366448
Ion Ratio Lower Upper
106 100
91 166.3 162.2 243.4



#68
o-Xylene
Concen: 107.61 ug/l
RT: 11.77 min Scan# 870
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion:106 Resp: 2644947
Ion Ratio Lower Upper
106 100
91 204.8 116.0 348.0





#69

Styrene

Concen: 97.44 ug/l

RT: 11.79 min Scan# 872

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

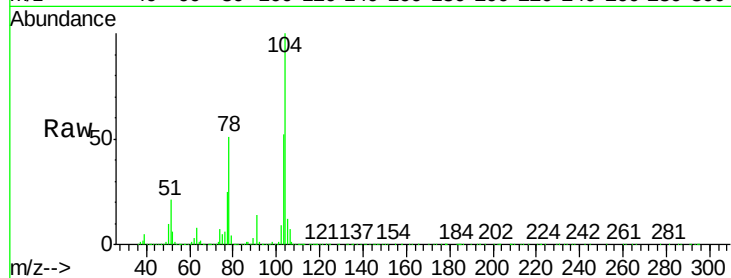
Tgt Ion:104 Resp: 3987181

Ion Ratio Lower Upper

104 100

78 50.8 38.0 57.0

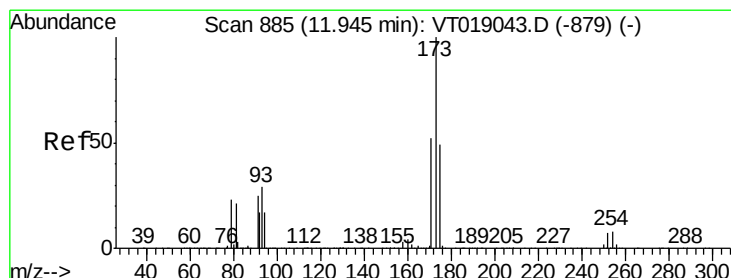
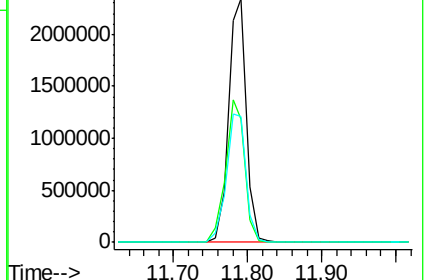
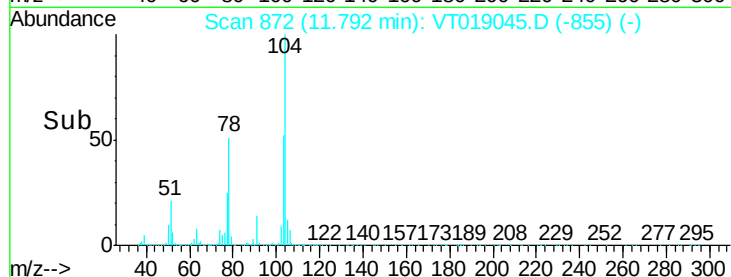
103 51.9 40.6 61.0



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: 84.83 ug/l

RT: 11.95 min Scan# 885

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

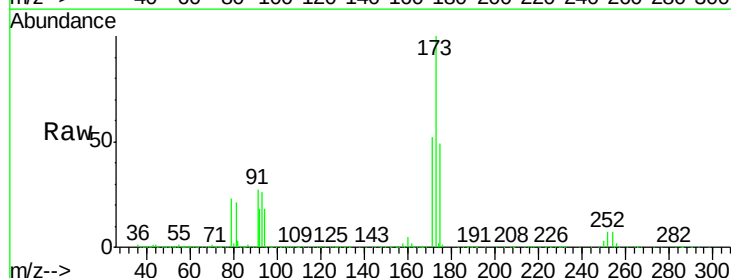
Tgt Ion:173 Resp: 524992

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

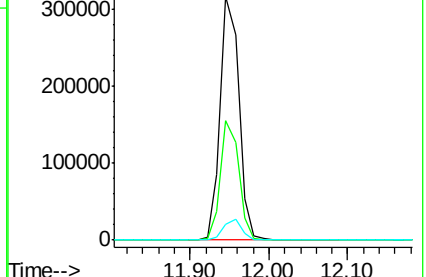
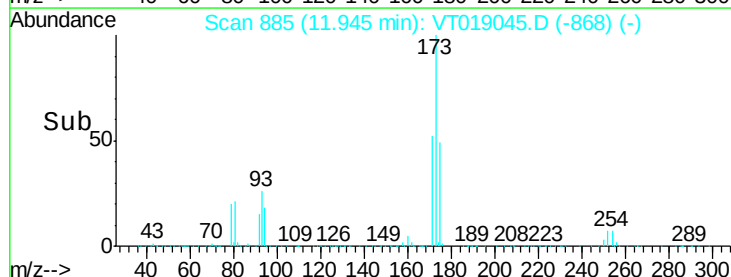
254 6.5 6.1 9.1

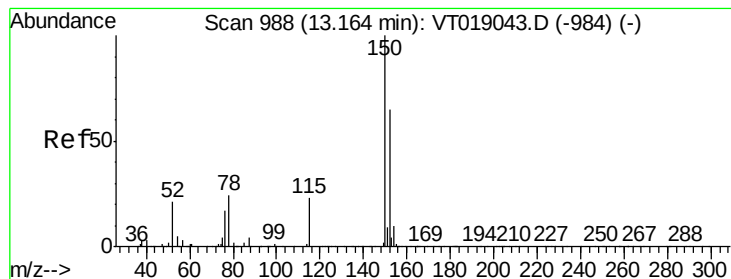


Abundance Ion 172.80 (172.50 to 173.50): V

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: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

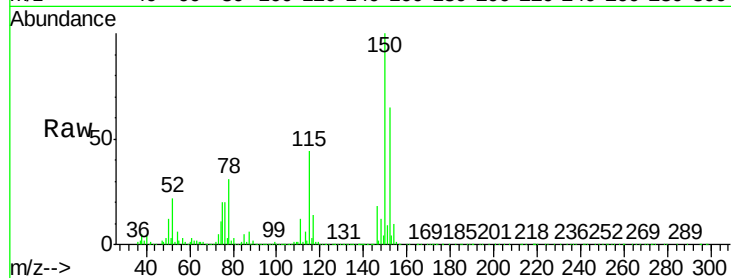
Tgt Ion:152 Resp: 892408

Ion Ratio Lower Upper

152 100

115 67.6 34.2 102.6

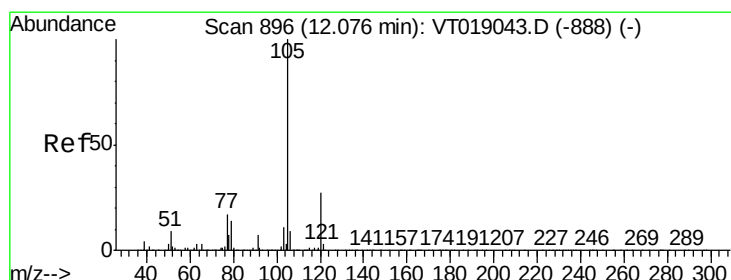
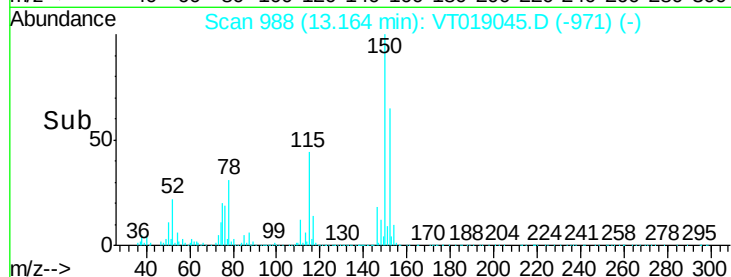
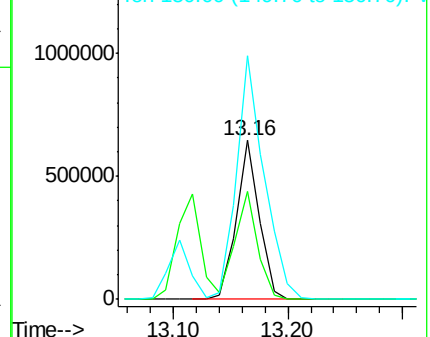
150 153.1 0.0 321.2



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: 104.01 ug/l

RT: 12.08 min Scan# 896

Delta R.T. 0.00 min

Lab File: VT019045.D

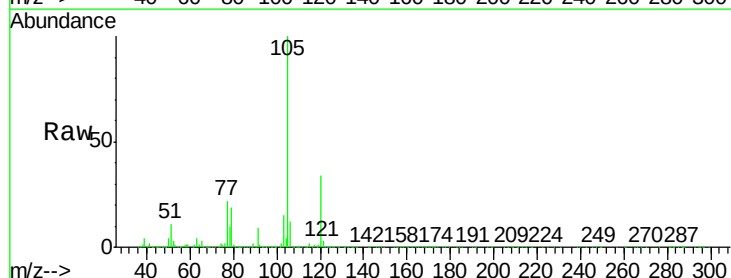
Acq: 8 May 2018 19:50

Tgt Ion:105 Resp: 6854071

Ion Ratio Lower Upper

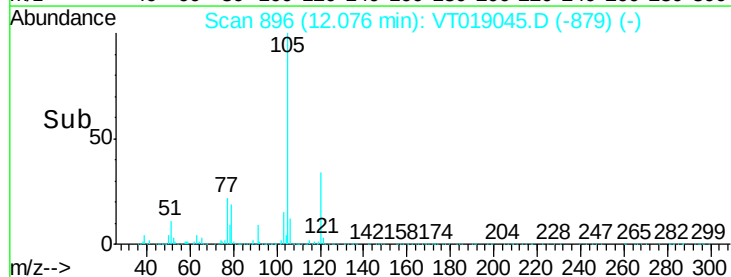
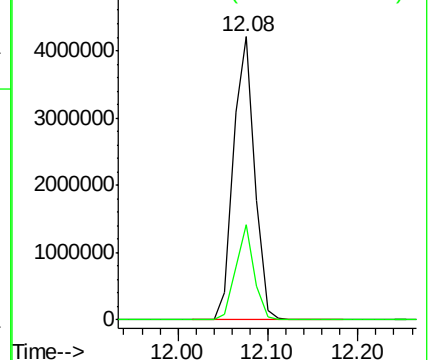
105 100

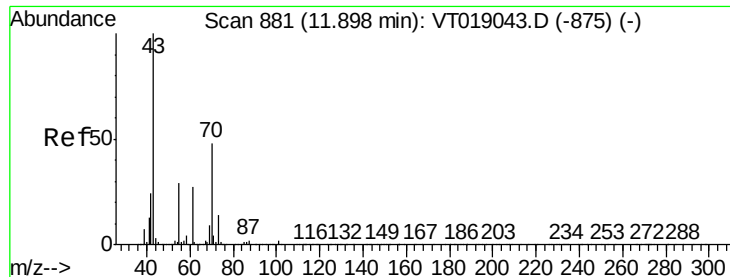
120 33.6 13.6 40.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.10 (119.80 to 120.80): V





#73

N-amyI acetate

Concen: 100.80 ug/l

RT: 11.90 min Scan# 881

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 1269901

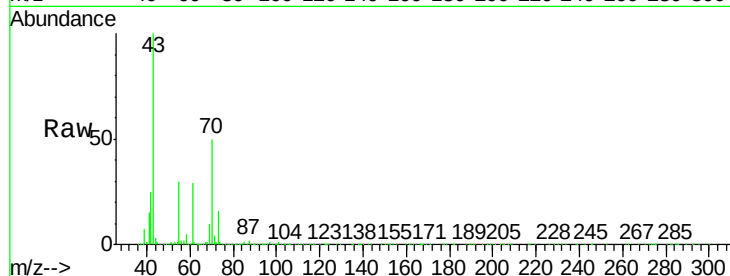
Ion Ratio Lower Upper

43 100

70 49.8 38.2 57.4

55 29.7 23.5 35.3

61 28.6 21.7 32.5

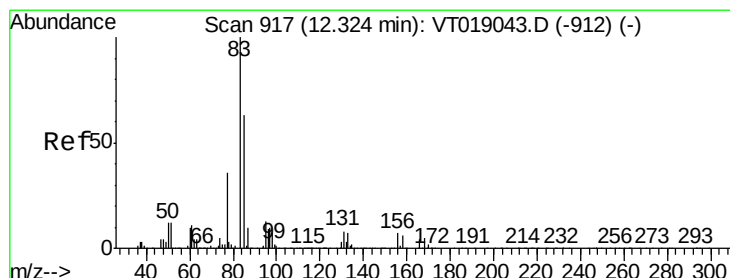
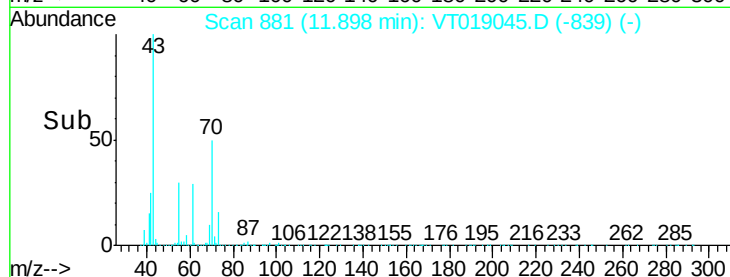
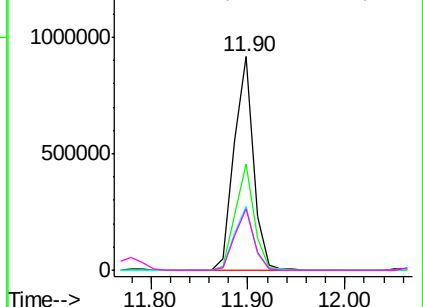


Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 70.10 (69.80 to 70.80): VT0

Ion 55.10 (54.80 to 55.80): VT0

Ion 61.10 (60.80 to 61.80): VT0



#74

1,1,2,2-Tetrachloroethane

Concen: 104.79 ug/l

RT: 12.32 min Scan# 917

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

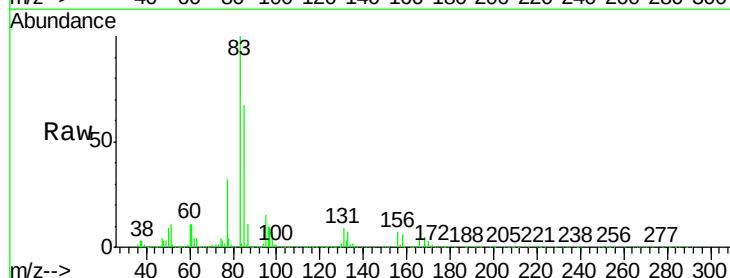
Tgt Ion: 83 Resp: 1052737

Ion Ratio Lower Upper

83 100

131 8.8 4.0 12.2

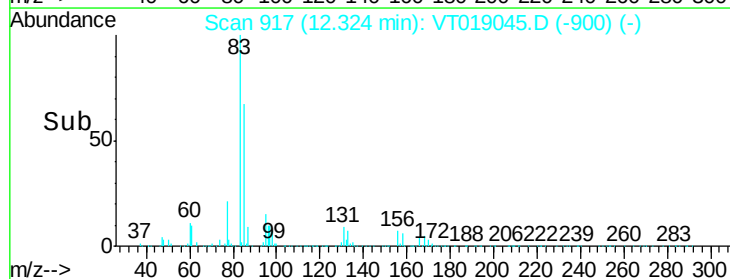
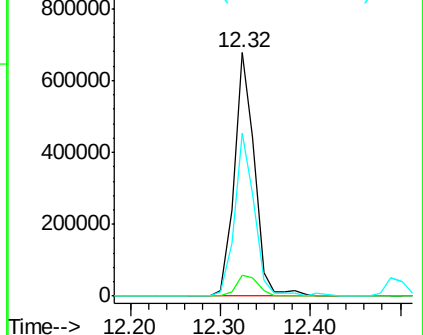
85 66.8 31.4 94.3

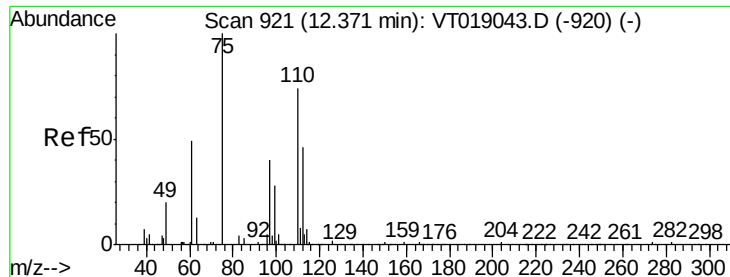


Abundance Ion 83.00 (82.70 to 83.70): VT0

Ion 131.00 (130.70 to 131.70): VT0

Ion 85.00 (84.70 to 85.70): VT0





#75

1,2,3-Trichloropropane

Concen: 203.07 ug/l

RT: 12.37 min Scan# 921

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

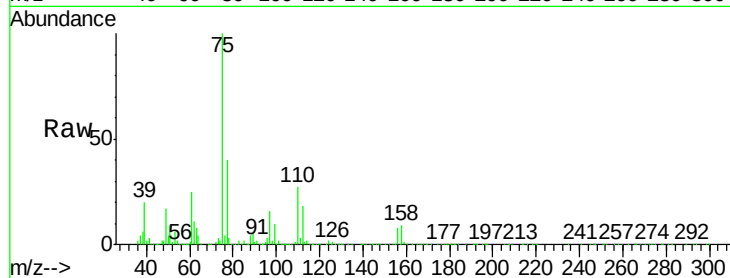
VSTDIC100

Tgt Ion: 75 Resp: 1431622

Ion Ratio Lower Upper

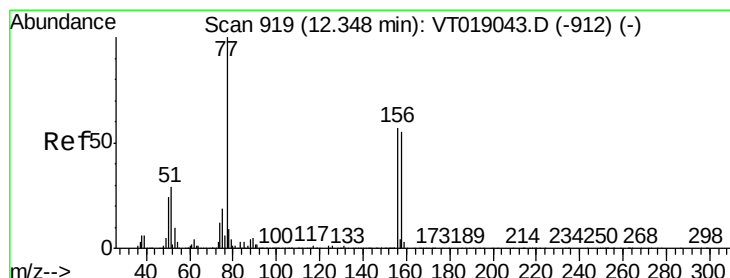
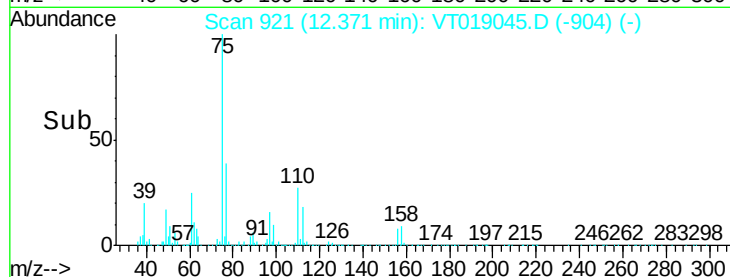
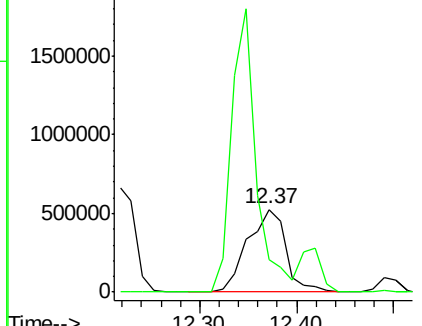
75 100

77 39.5 21.1 63.1



Abundance Ion 75.10 (74.80 to 75.80): VT0

Ion 77.10 (76.80 to 77.80): VT0



#76

Bromobenzene

Concen: 98.99 ug/l

RT: 12.35 min Scan# 919

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

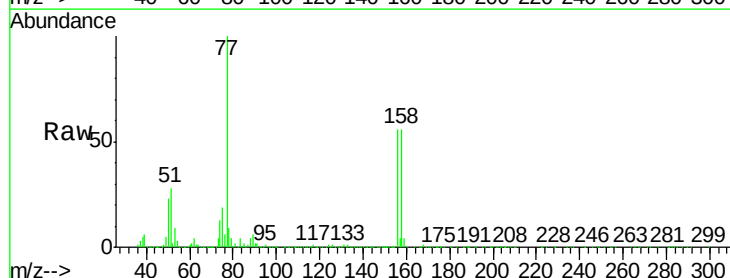
Tgt Ion: 156 Resp: 1448635

Ion Ratio Lower Upper

156 100

77 177.8 87.8 263.4

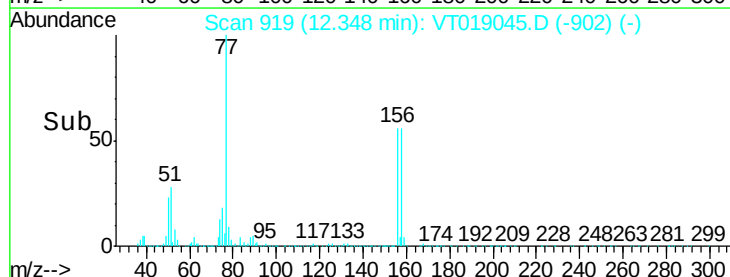
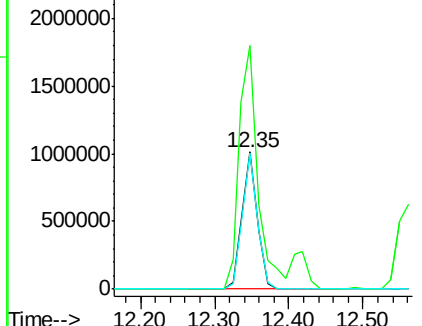
158 99.0 48.3 144.8

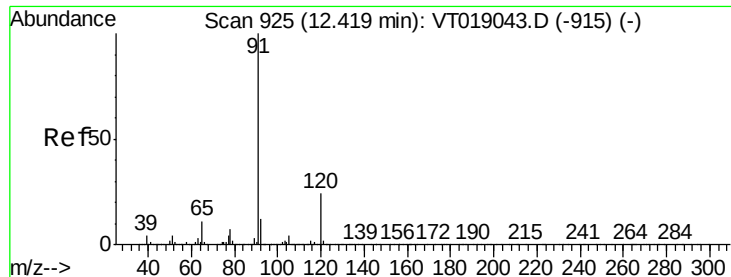


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.10 (76.80 to 77.80): VT0

Ion 158.00 (157.70 to 158.70): V





#77

n-propylbenzene

Concen: 100.72 ug/l

RT: 12.42 min Scan# 925

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

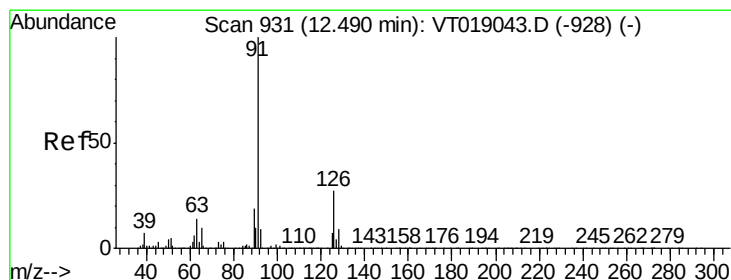
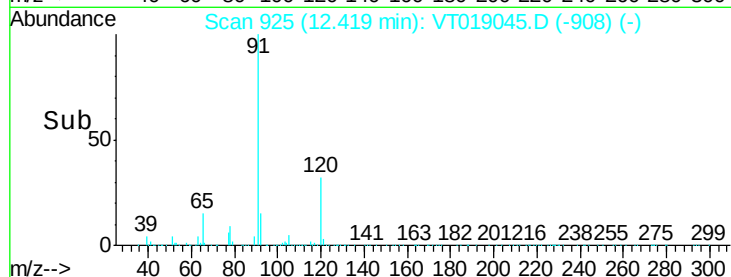
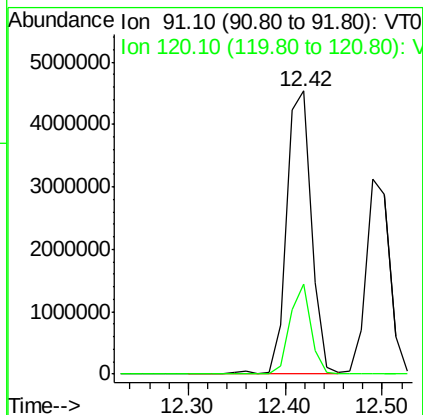
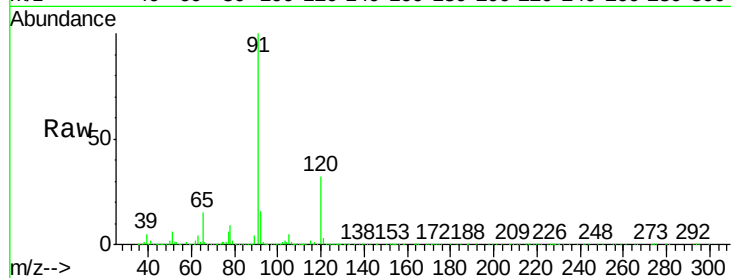
VSTDIC100

Tgt Ion: 91 Resp: 8008069

Ion Ratio Lower Upper

91 100

120 31.9 12.0 36.1



#78

2-Chlorotoluene

Concen: 117.32 ug/l

RT: 12.49 min Scan# 931

Delta R.T. 0.00 min

Lab File: VT019045.D

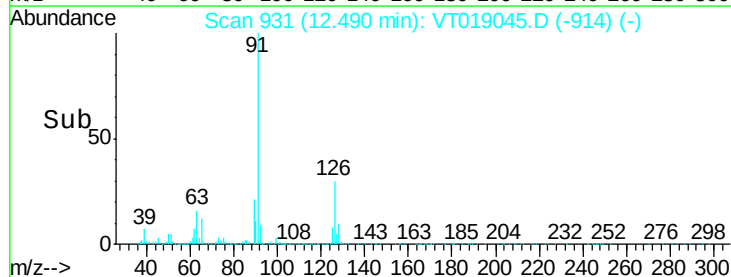
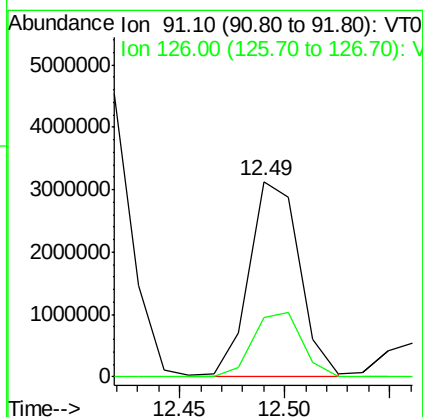
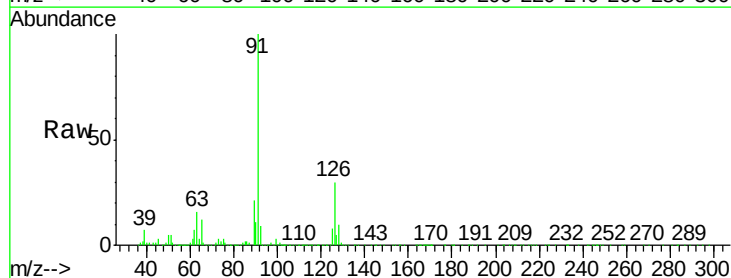
Acq: 8 May 2018 19:50

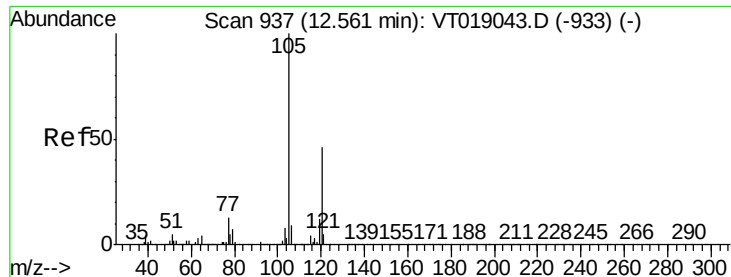
Tgt Ion: 91 Resp: 5237882

Ion Ratio Lower Upper

91 100

126 30.4 13.5 40.5

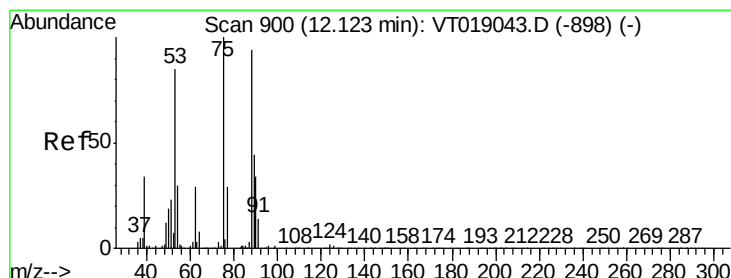
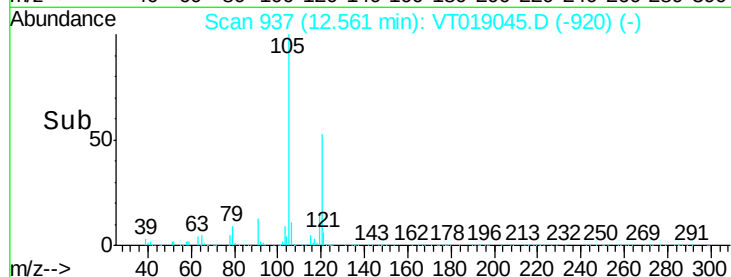
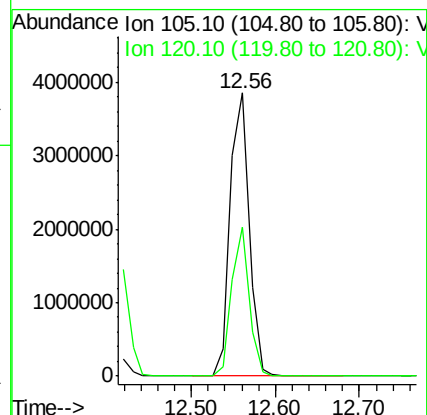
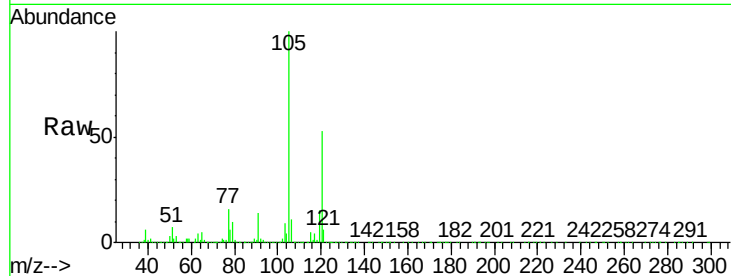




#79
 1,3,5-Trimethylbenzene
 Concen: 107.41 ug/l
 RT: 12.56 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

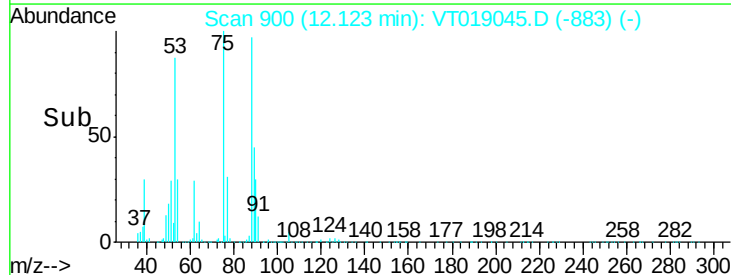
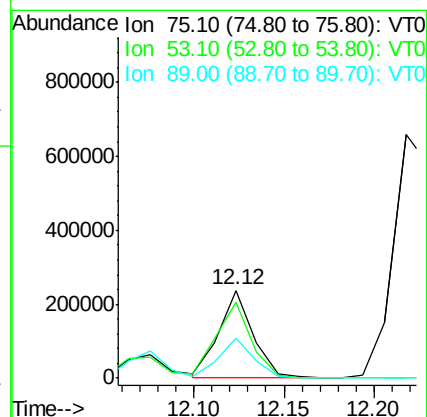
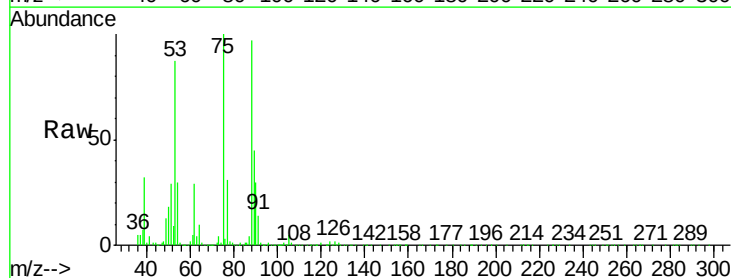
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

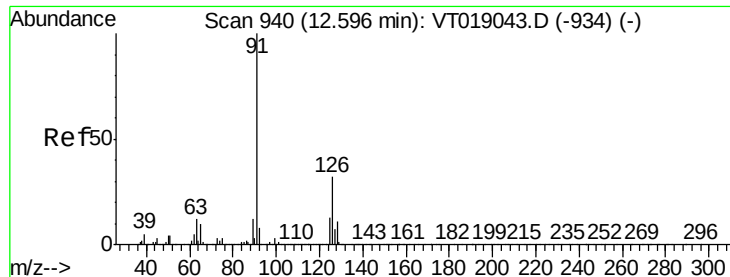
Tgt Ion:105 Resp: 6089195
 Ion Ratio Lower Upper
 105 100
 120 52.7 23.2 69.5



#80
 trans-1,4-Dichloro-2-butene
 Concen: 100.99 ug/l
 RT: 12.12 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

Tgt Ion: 75 Resp: 310626
 Ion Ratio Lower Upper
 75 100
 53 87.2 70.8 106.2
 89 45.3 35.8 53.8

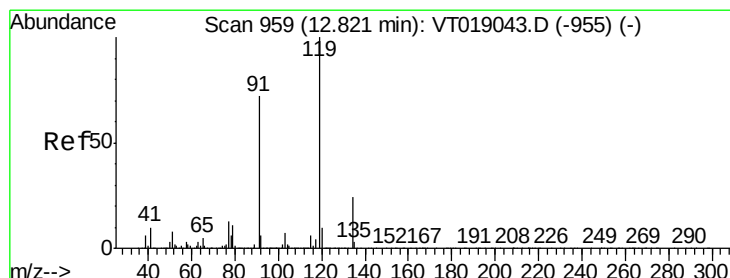
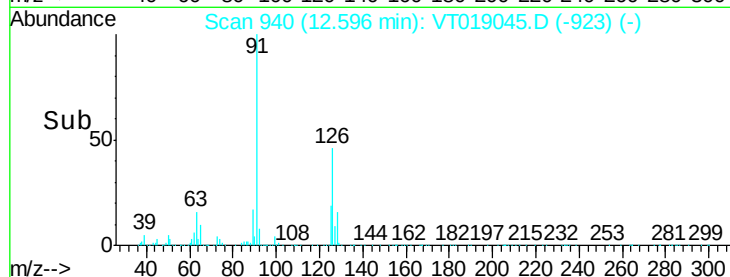
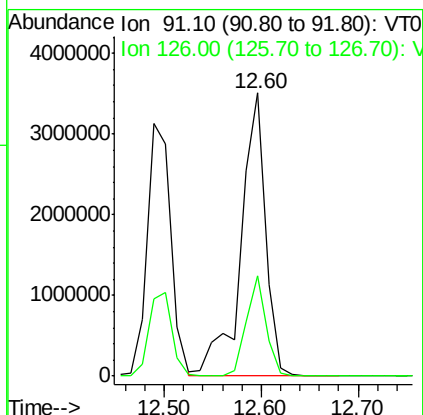
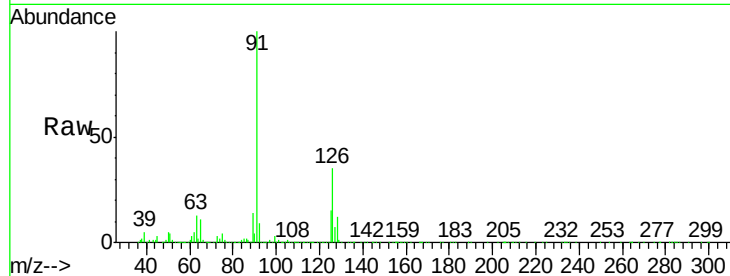




#81
4-Chlorotoluene
Concen: 116.02 ug/l
RT: 12.60 min Scan# 940
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

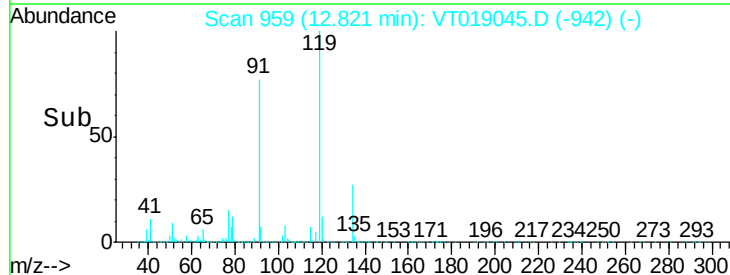
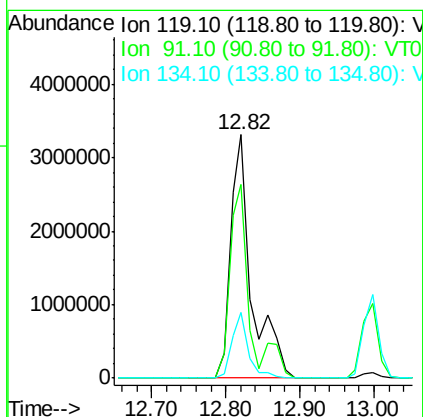
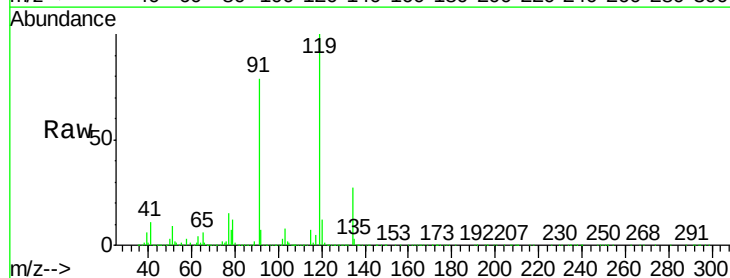
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

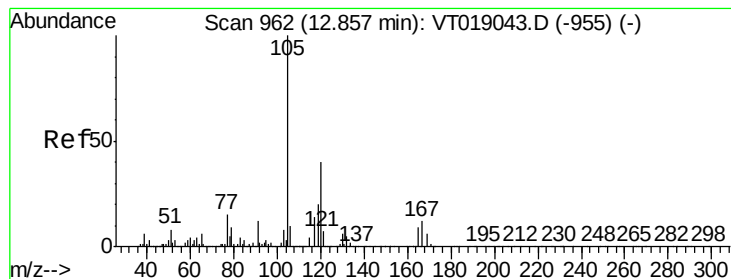
Tgt Ion: 91 Resp: 6218852
Ion Ratio Lower Upper
91 100
126 35.4 16.0 47.9



#82
tert-Butylbenzene
Concen: 131.48 ug/l
RT: 12.82 min Scan# 959
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion: 119 Resp: 6615487
Ion Ratio Lower Upper
119 100
91 79.4 36.1 108.3
134 27.2 12.0 36.1





#83

1,2,4-Trimethylbenzene

Concen: 107.72 ug/l

RT: 12.86 min Scan# 962

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

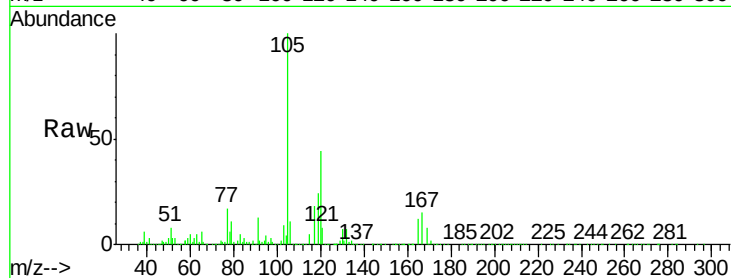
VSTDIC100

Tgt Ion:105 Resp: 6163996

Ion Ratio Lower Upper

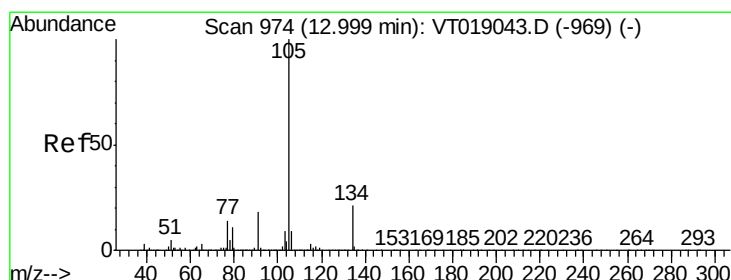
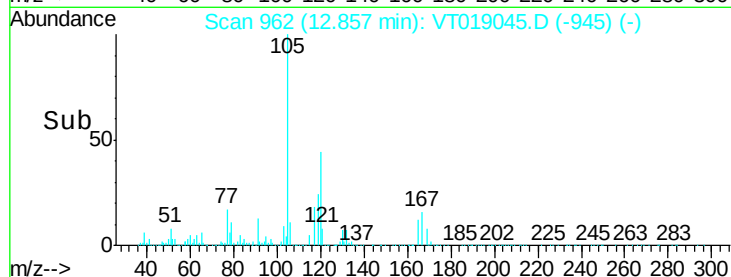
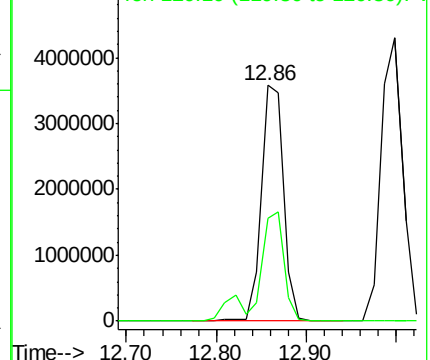
105 100

120 43.7 20.0 59.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.10 (119.80 to 120.80): V



#84

sec-Butylbenzene

Concen: 100.55 ug/l

RT: 13.00 min Scan# 974

Delta R.T. 0.00 min

Lab File: VT019045.D

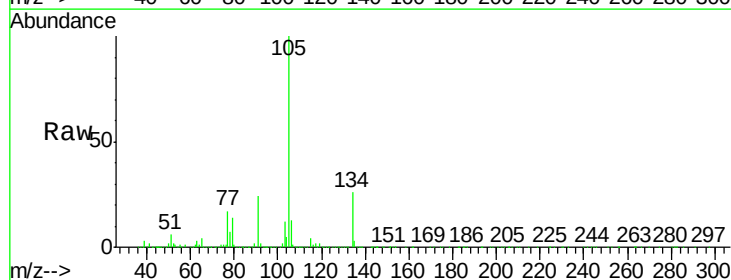
Acq: 8 May 2018 19:50

Tgt Ion:105 Resp: 7167189

Ion Ratio Lower Upper

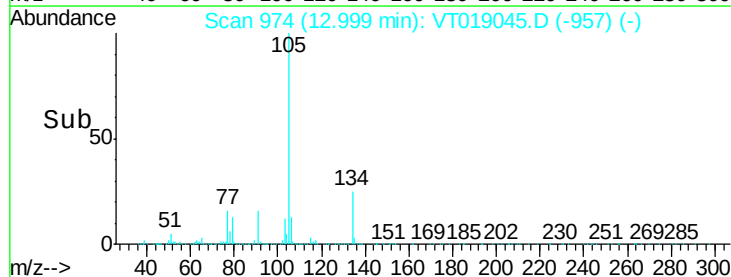
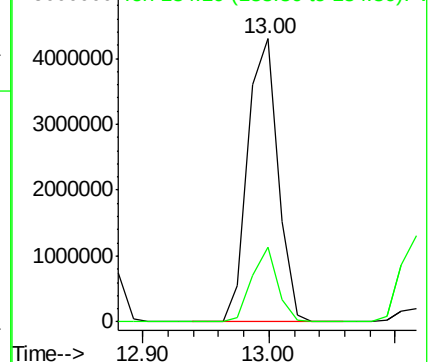
105 100

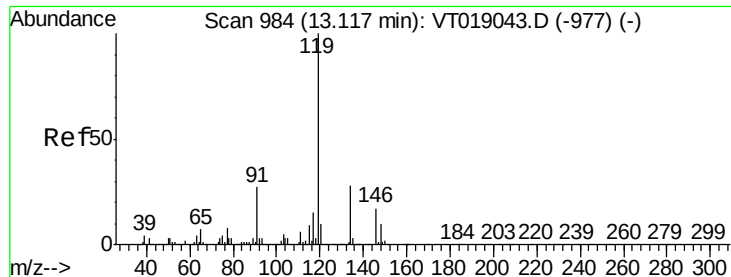
134 26.3 10.4 31.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.10 (133.80 to 134.80): V

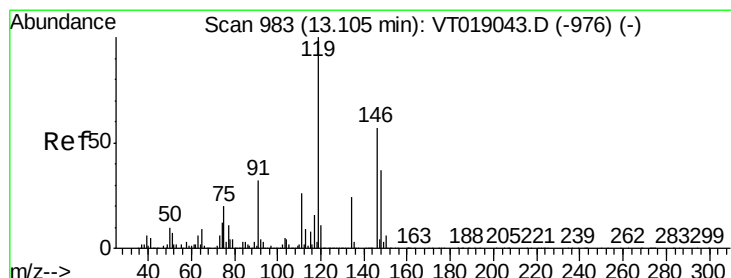
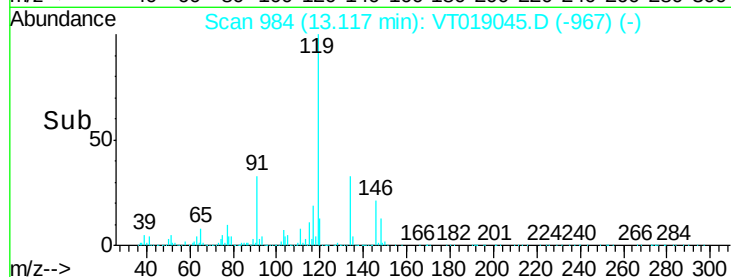
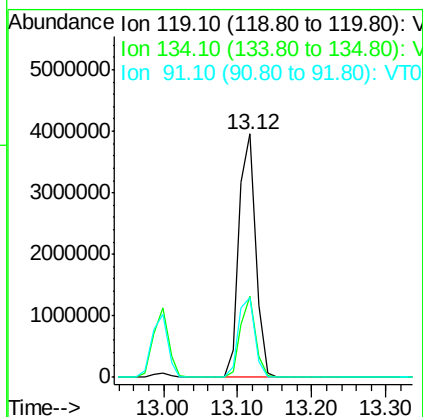
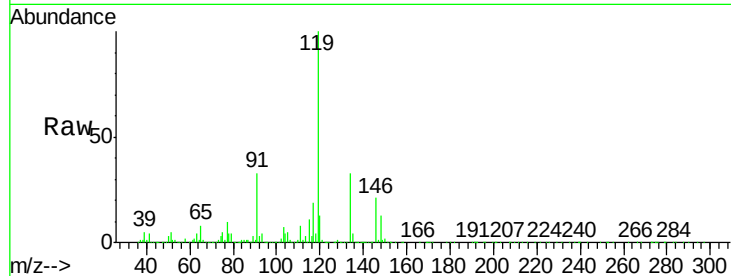




#85
p-Isopropyltoluene
Concen: 99.92 ug/l
RT: 13.12 min Scan# 984
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

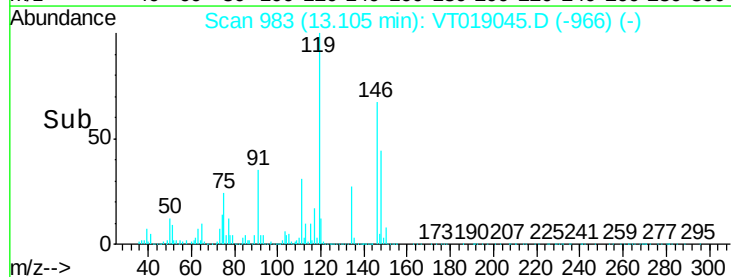
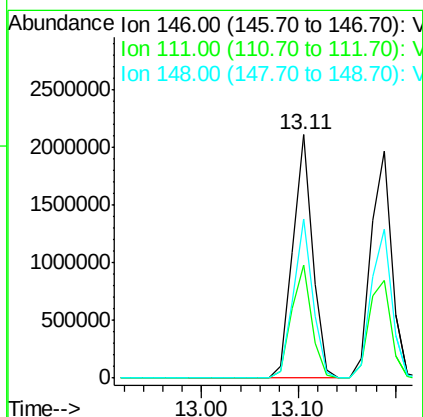
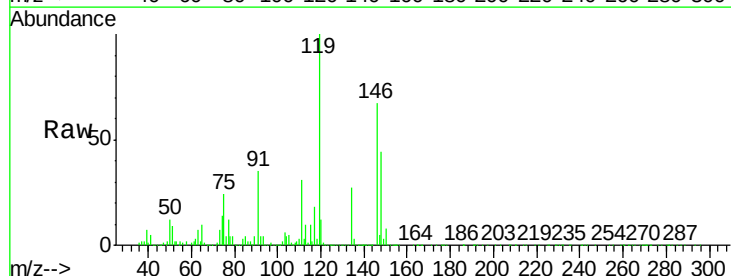
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

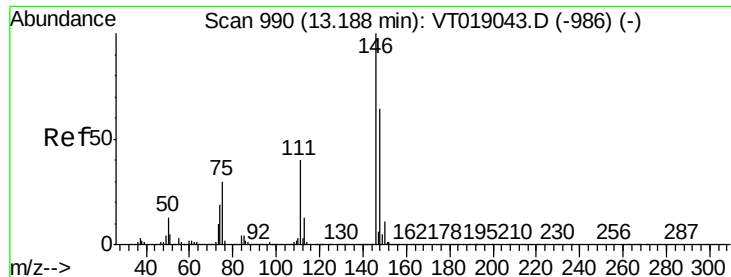
Tgt Ion:119 Resp: 6263211
Ion Ratio Lower Upper
119 100
134 33.1 14.1 42.3
91 33.0 13.5 40.4



#86
1,3-Dichlorobenzene
Concen: 97.99 ug/l
RT: 13.11 min Scan# 983
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion:146 Resp: 2980414
Ion Ratio Lower Upper
146 100
111 46.3 23.1 69.2
148 65.2 32.5 97.5

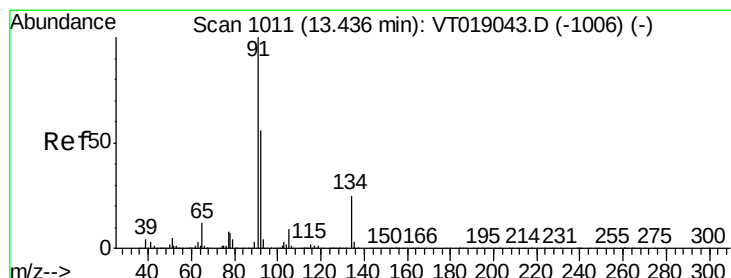
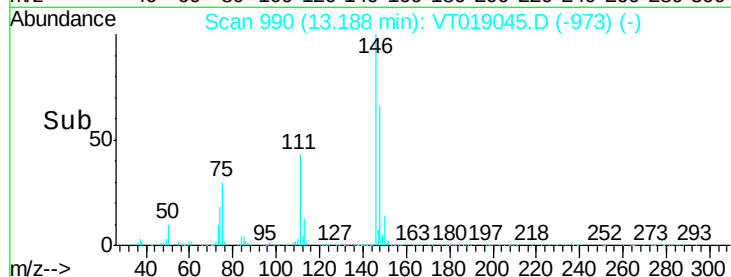
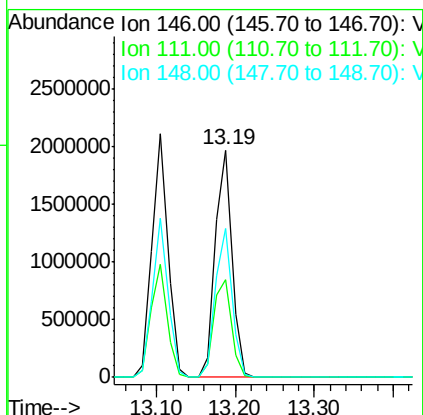
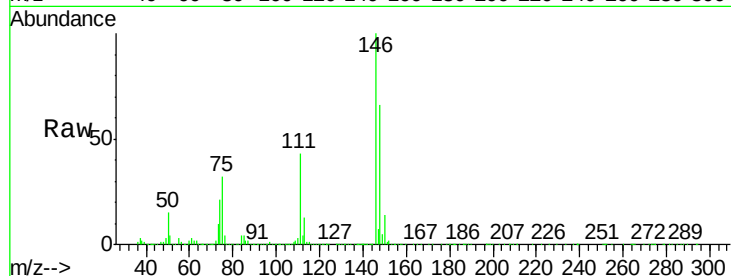




#87
 1,4-Dichlorobenzene
 Concen: 96.91 ug/l
 RT: 13.19 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

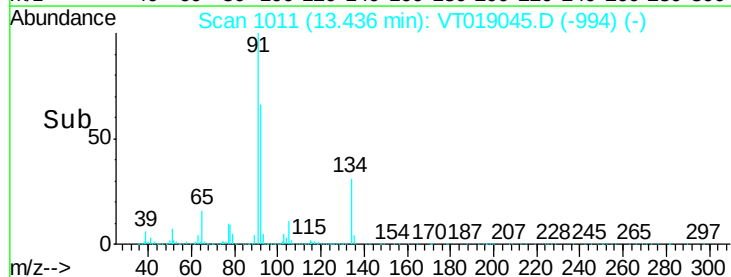
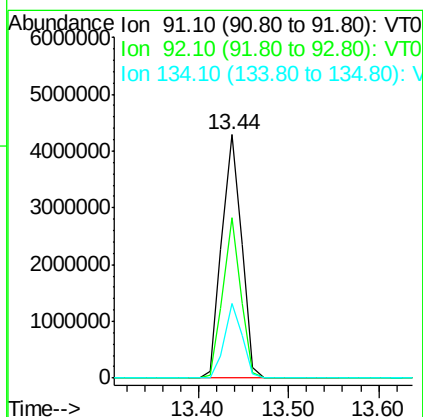
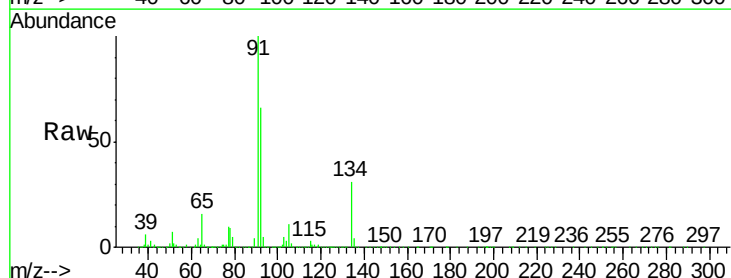
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

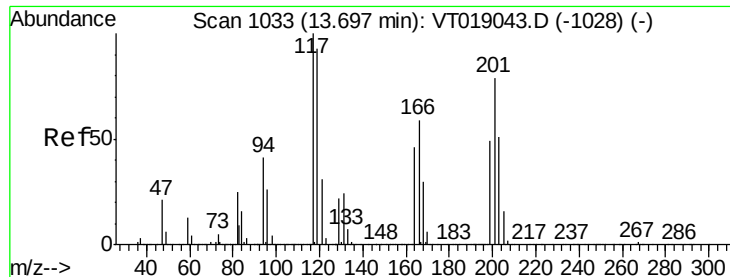
Tgt Ion: 146 Resp: 2932578
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.3 60.8
 148 65.6 32.3 96.8



#88
 n-Butylbenzene
 Concen: 112.73 ug/l
 RT: 13.44 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

Tgt Ion: 91 Resp: 6554014
 Ion Ratio Lower Upper
 91 100
 92 65.8 28.0 84.0
 134 30.6 12.4 37.0





#89

Hexachloroethane

Concen: 122.59 ug/l

RT: 13.70 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

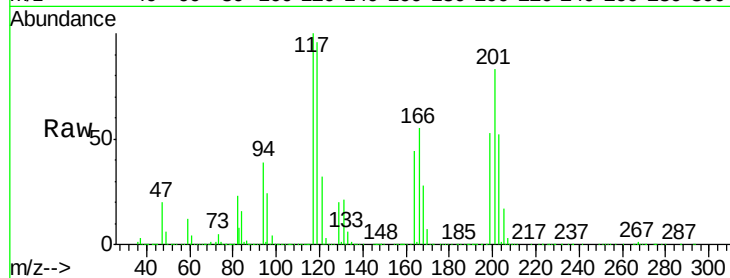
VSTDIC100

Tgt Ion:117 Resp: 1254195

Ion Ratio Lower Upper

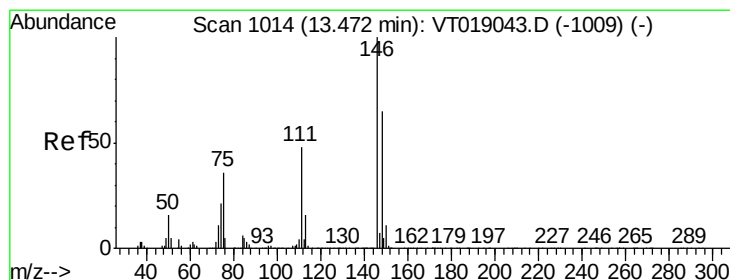
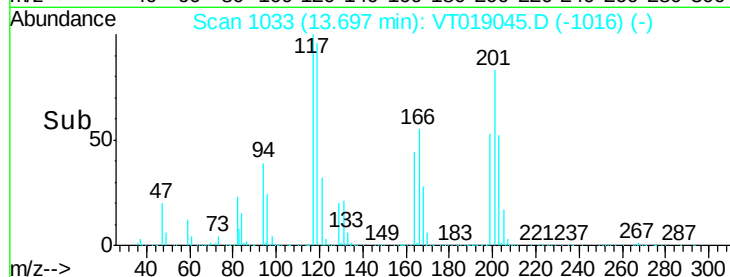
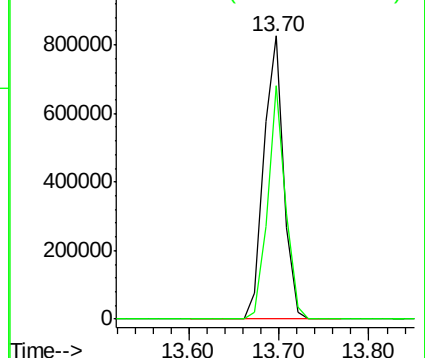
117 100

201 82.6 39.4 118.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 200.80 (200.50 to 201.50): V



#90

1,2-Dichlorobenzene

Concen: 95.77 ug/l

RT: 13.47 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

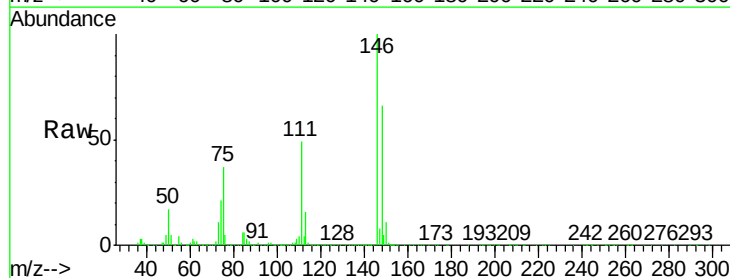
Tgt Ion:146 Resp: 2508748

Ion Ratio Lower Upper

146 100

111 49.5 23.8 71.2

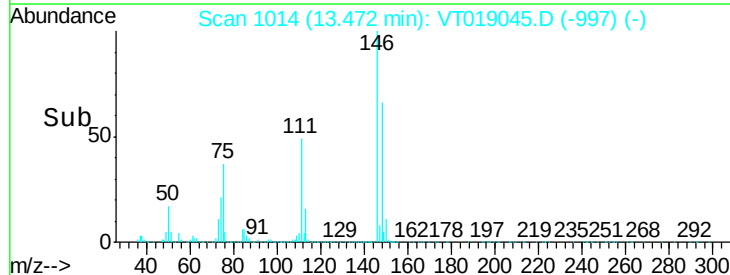
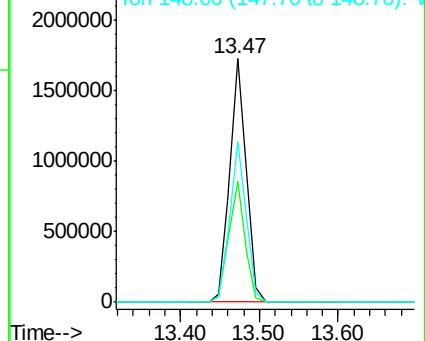
148 66.0 32.7 98.1

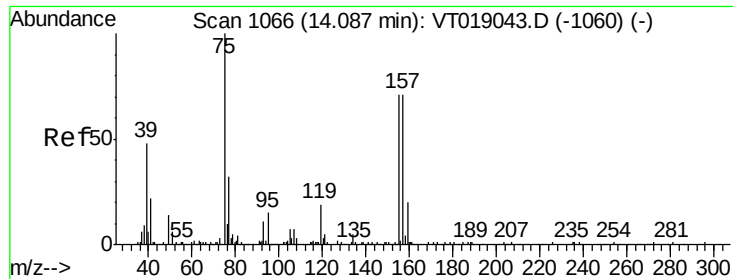


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#91

1,2-Dibromo-3-Chloropropane

Concen: 110.73 ug/l

RT: 14.09 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC100

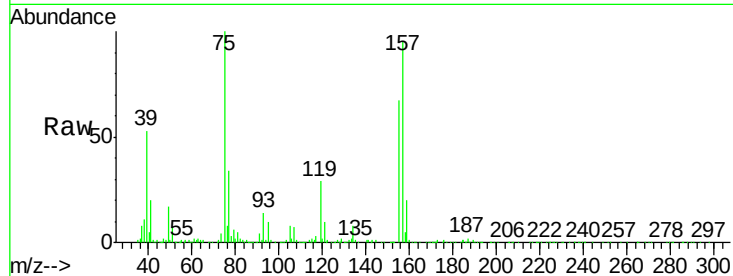
Tgt Ion: 75 Resp: 168623

Ion Ratio Lower Upper

75 100

155 67.2 35.6 106.8

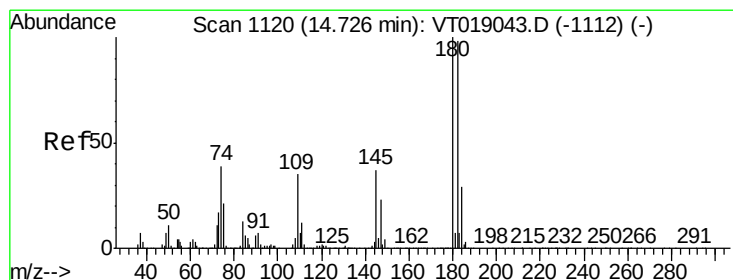
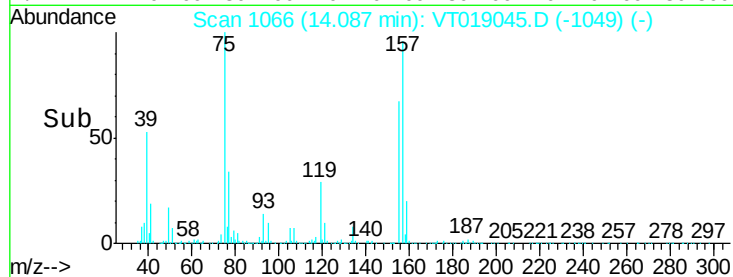
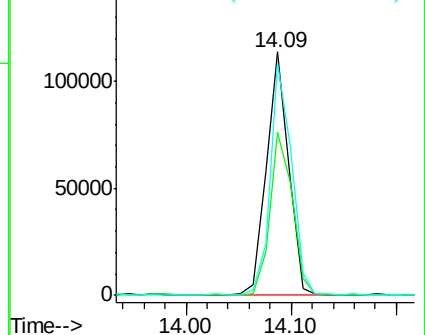
157 95.3 35.8 107.3



Abundance Ion 75.00 (74.70 to 75.70): VT0

Ion 154.90 (154.60 to 155.60): V

Ion 156.90 (156.60 to 157.60): V



#92

1,2,4-Trichlorobenzene

Concen: 102.41 ug/l

RT: 14.73 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VT019045.D

Acq: 8 May 2018 19:50

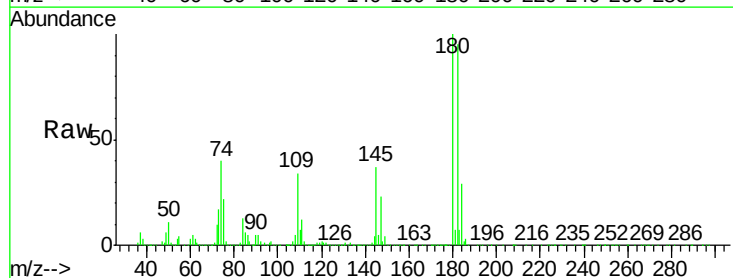
Tgt Ion: 180 Resp: 1794283

Ion Ratio Lower Upper

180 100

182 94.9 49.0 147.0

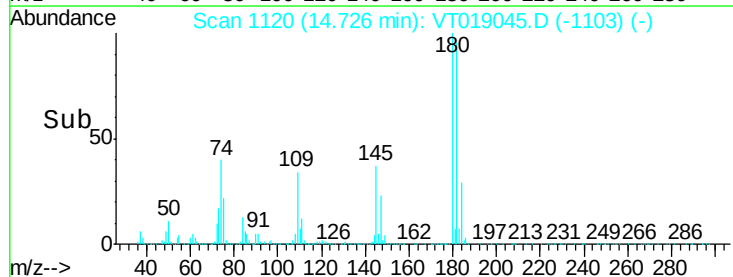
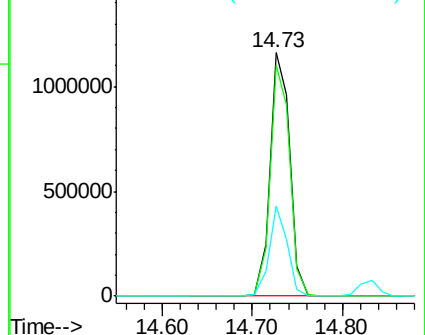
145 36.7 18.3 54.9

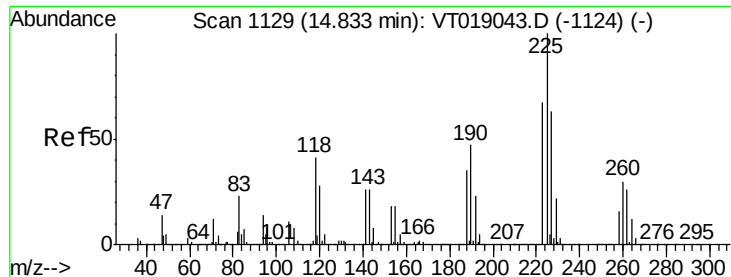


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 145.00 (144.70 to 145.70): V

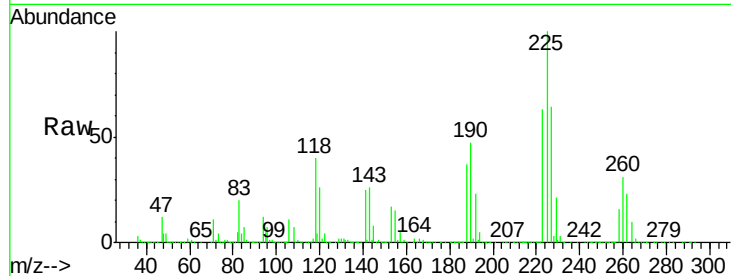




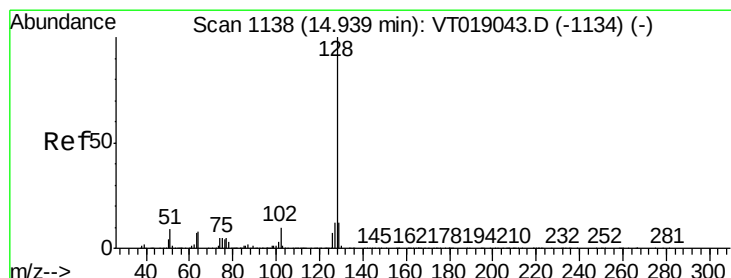
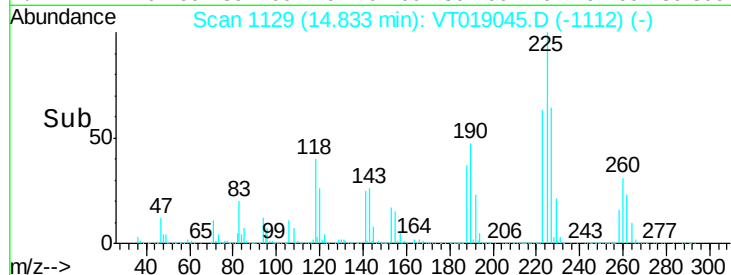
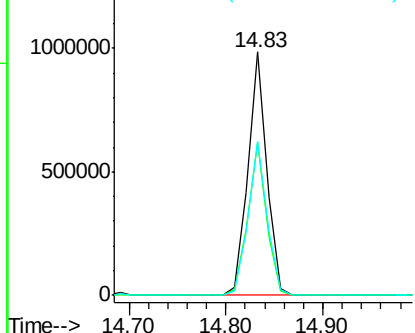
#93
Hexachlorobutadiene
Concen: 114.65 ug/l
RT: 14.83 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion:225 Resp: 1321092
Ion Ratio Lower Upper
225 100
223 62.5 33.5 100.4
227 63.5 31.7 95.1

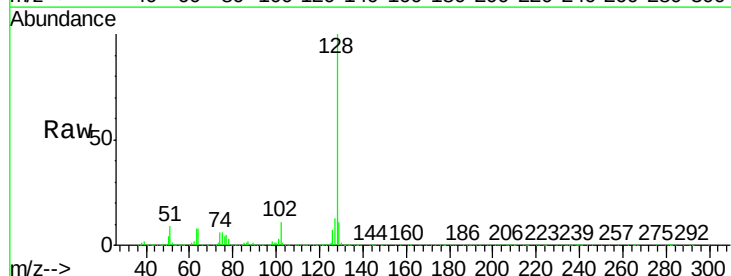


Abundance Ion 224.80 (224.50 to 225.50): V
Ion 222.80 (222.50 to 223.50): V
Ion 226.80 (226.50 to 227.50): V

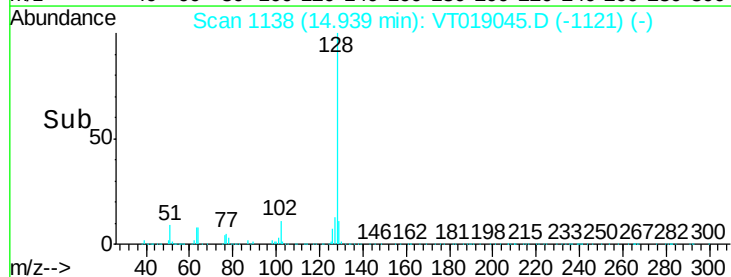
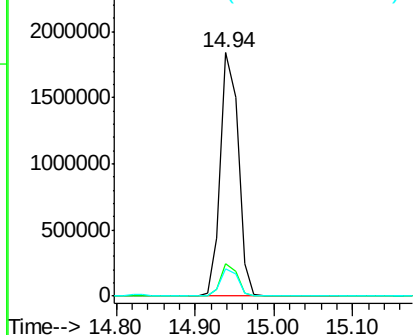


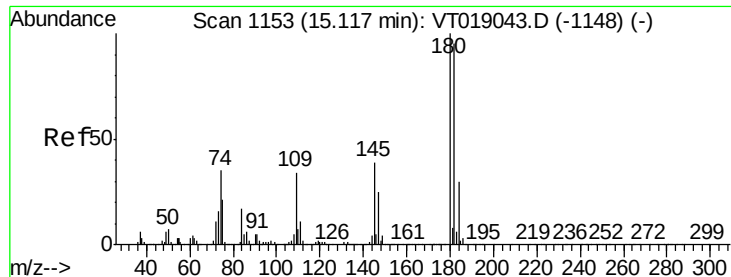
#94
Naphthalene
Concen: 100.16 ug/l
RT: 14.94 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VT019045.D
Acq: 8 May 2018 19:50

Tgt Ion:128 Resp: 2886914
Ion Ratio Lower Upper
128 100
127 13.1 9.9 14.9
129 11.4 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: 96.18 ug/l
 RT: 15.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VT019045.D
 Acq: 8 May 2018 19:50

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 1442007
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 40.6 19.4 58.1

