

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019070.D
 Acq On : 10 May 2018 12:03
 Operator : SY/MD
 Sample : VT0510SBSD01
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBSD01

Quant Time: May 25 17:37:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 10 07:01:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	949538	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1633632	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1389831	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	653709	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	462537	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
34) Dibromofluoromethane	7.35	113	456849	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
49) Toluene-d8	9.90	98	2048273	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
61) 4-Bromofluorobenzene	12.22	95	759108	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.79	85	246257	20.27	ug/l	96
3) Chloromethane	1.95	50	116783	28.21	ug/l	93
4) Vinyl Chloride	2.09	62	150402	22.45	ug/l	95
5) Bromomethane	2.44	94	121464	22.22	ug/l	90
6) Chloroethane	2.56	64	93469	22.74	ug/l #	83
7) Trichlorofluoromethane	2.90	101	416038m	23.13	ug/l	
8) Diethyl Ether	3.21	74	60012	21.98	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.58	101	223208	25.60	ug/l	91
10) Methyl Iodide	3.76	142	297427	23.51	ug/l	92
11) Tert butyl alcohol	4.53	59	36904	80.96	ug/l #	86
12) 1,1-Dichloroethene	3.56	96	189093	24.43	ug/l	86
13) Acrolein	3.39	56	23805	106.98	ug/l	82
14) Allyl chloride	4.06	41	378458	22.66	ug/l #	91
15) Acrylonitrile	4.70	53	170363	97.02	ug/l	92
16) Acetone	3.59	43	102460	107.08	ug/l	94
17) Carbon Disulfide	4.06	76	636322m	19.92	ug/l	
18) Methyl Acetate	4.08	43	87498	17.80	ug/l #	88
19) Methyl tert-butyl Ether	4.76	73	359633	18.54	ug/l	94
20) Methylene Chloride	4.28	84	205087m	19.90	ug/l	
21) trans-1,2-Dichloroethene	4.75	96	238467	20.86	ug/l	96
22) Diisopropyl ether	5.67	45	669290	21.60	ug/l	99
23) Vinyl Acetate	5.61	43	1440992	104.80	ug/l	96
24) 1,1-Dichloroethane	5.56	63	455459	21.03	ug/l	98
25) 2-Butanone	6.57	43	204689	95.00	ug/l	100
26) 2,2-Dichloropropane	6.56	77	206164	23.59	ug/l	91
27) cis-1,2-Dichloroethene	6.56	96	231730	20.64	ug/l	89
28) Bromochloromethane	6.94	49	155104	21.57	ug/l	96
29) Chloroform	7.13	83	416747	20.56	ug/l	100
30) Cyclohexane	7.43	56	507292	21.61	ug/l #	92
31) 1,1,1-Trichloroethane	7.33	97	331133	21.14	ug/l	98
35) 1,1-Dichloropropene	7.56	75	377050	20.03	ug/l	95
36) Ethyl Acetate	6.67	43	83419	17.19	ug/l	99
37) Carbon Tetrachloride	7.54	117	311543	20.25	ug/l	96
38) Methylcyclohexane	8.88	83	457407	20.36	ug/l	95

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
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 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Time: May 25 17:37:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 10 07:01:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	1013465	20.61	ug/l #	90
40) Methacrylonitrile	6.96	41	112238	41.92	ug/l #	43
41) 1,2-Dichloroethane	7.91	62	214323	20.06	ug/l	98
42) Isopropyl Acetate	7.96	43	148334	17.76	ug/l	98
43) Trichloroethene	8.63	130	227889	20.15	ug/l	93
44) 1,2-Dichloropropane	8.92	63	254849	22.10	ug/l #	88
45) Dibromomethane	9.01	93	83955	18.52	ug/l	91
46) Bromodichloromethane	9.21	83	257381	19.54	ug/l	94
47) Methyl methacrylate	9.01	41	82892	19.20	ug/l	87
48) 1,4-Dioxane	9.01	88	17386	326.03	ug/l	94
50) 4-Methyl-2-Pentanone	9.80	43	436191	95.22	ug/l	98
51) Toluene	9.97	92	592962	20.86	ug/l	98
52) t-1,3-Dichloropropene	10.21	75	226752	18.93	ug/l	97
53) cis-1,3-Dichloropropene	9.65	75	296177	19.42	ug/l	97
54) 1,1,2-Trichloroethane	10.38	97	130484	18.96	ug/l	91
55) Ethyl methacrylate	10.25	69	145578	17.65	ug/l	96
56) 1,3-Dichloropropane	10.53	76	245819	19.96	ug/l	96
57) 2-Chloroethyl Vinyl ether	9.51	63	365051	96.07	ug/l	96
58) 2-Hexanone	10.57	43	331253	99.73	ug/l	100
59) Dibromochloromethane	10.73	129	122319	17.09	ug/l	93
60) 1,2-Dibromoethane	10.82	107	117053	19.68	ug/l	89
63) Tetrachloroethene	10.45	164	183886	19.34	ug/l	95
64) Chlorobenzene	11.25	112	610332	21.20	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.33	131	178500	19.10	ug/l	97
66) Ethyl Benzene	11.33	91	1259436	22.81	ug/l	98
67) m/p-Xylenes	11.45	106	886269	43.18	ug/l	87
68) o-Xylene	11.77	106	407428	21.16	ug/l	91
69) Stvrene	11.79	104	632732	21.22	ug/l	98
70) Bromoform	11.95	173	64077	18.05	ug/l	91
72) Isopropylbenzene	12.08	105	1232578	23.35	ug/l	98
73) N-amyl acetate	11.90	43	178030	20.46	ug/l	96
74) 1,1,2,2-Tetrachloroethane	12.32	83	150525	19.38	ug/l	98
75) 1,2,3-Trichloropropane	12.37	75	105963m	19.06	ug/l	
76) Bromobenzene	12.35	156	210854	20.17	ug/l	92
77) n-propylbenzene	12.42	91	1632508	21.15	ug/l	95
78) 2-Chlorotoluene	12.49	91	875693	22.61	ug/l	99
79) 1,3,5-Trimethylbenzene	12.56	105	1083966	23.66	ug/l	97
80) trans-1,4-Dichloro-2-buten	12.12	75	35543	17.00	ug/l	86
81) 4-Chlorotoluene	12.60	91	1035605	22.00	ug/l	100
82) tert-Butylbenzene	12.82	119	1089913	27.29	ug/l	98
83) 1,2,4-Trimethylbenzene	12.86	105	1071928	23.07	ug/l	100
84) sec-Butylbenzene	13.00	105	1350250	24.00	ug/l	95
85) p-Isopropyltoluene	13.12	119	1117889	23.64	ug/l	97
86) 1,3-Dichlorobenzene	13.10	146	470103	21.32	ug/l	98
87) 1,4-Dichlorobenzene	13.19	146	443364	20.68	ug/l	96
88) n-Butylbenzene	13.44	91	1223876	24.15	ug/l	95
89) Hexachloroethane	13.70	117	169278	20.63	ug/l	99
90) 1,2-Dichlorobenzene	13.47	146	379948	20.61	ug/l	97
91) 1,2-Dibromo-3-Chloropropan	14.09	75	20870	18.64	ug/l	83
92) 1,2,4-Trichlorobenzene	14.73	180	232019	18.83	ug/l	91

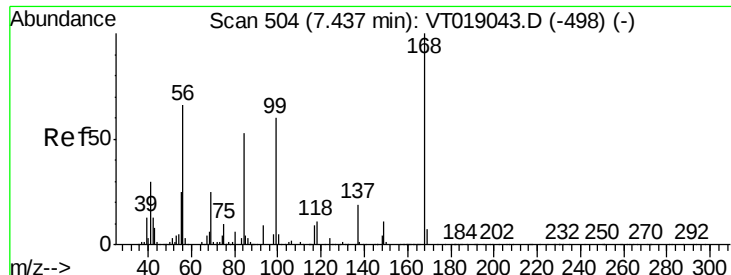
Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
Data File : VT019070.D
Acq On : 10 May 2018 12:03
Operator : SY/MD
Sample : VT0510SBSD01
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Quant Time: May 25 17:37:26 2018
Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
Quant Title : SW846 8260
QLast Update : Thu May 10 07:01:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	178644	19.85	ug/l	96
94) Naphthalene	14.94	128	358755	18.03	ug/l	98
95) 1,2,3-Trichlorobenzene	15.12	180	186195	18.31	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 504

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

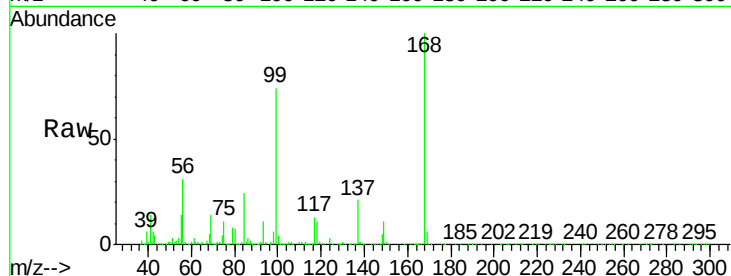
VT0510SBSD01

Tot Ion:168 Resp: 949538

Ion Ratio Lower Upper

168 100

99 74.2 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.44

400000

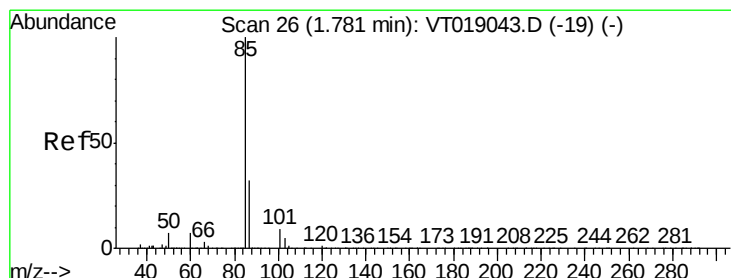
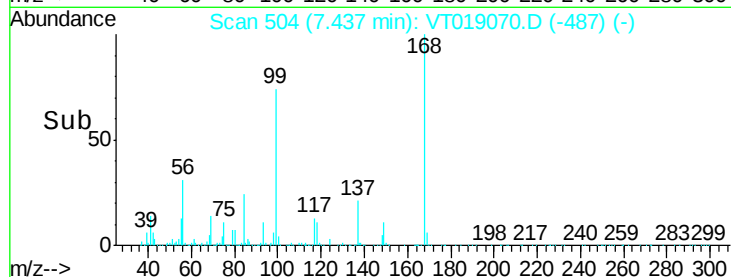
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.27 ug/l

RT: 1.79 min Scan# 27

Delta R.T. 0.01 min

Lab File: VT019070.D

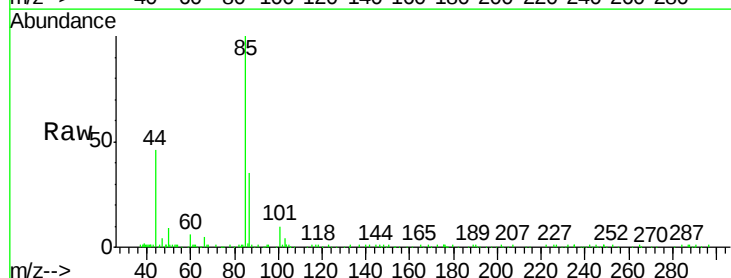
Acq: 10 May 2018 12:03

Tgt Ion: 85 Resp: 246257

Ion Ratio Lower Upper

85 100

87 34.7 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VT0

Ion 87.00 (86.70 to 87.70): VT0

1.79

50000

40000

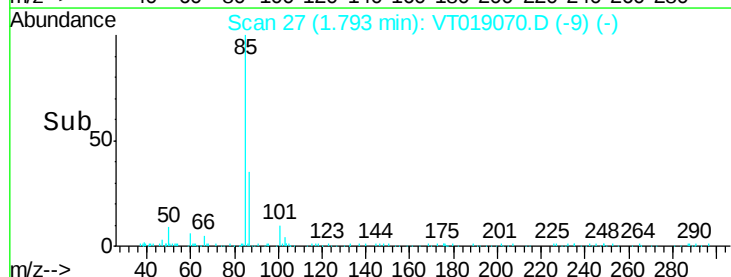
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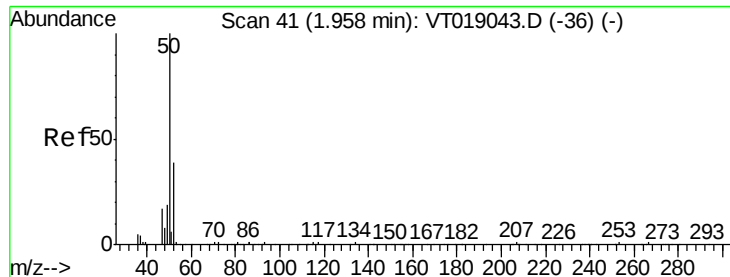
20000

10000

0

Time-->





#3

Chloromethane

Concen: 28.21 ug/l

RT: 1.95 min Scan# 40

Delta R.T. -0.01 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

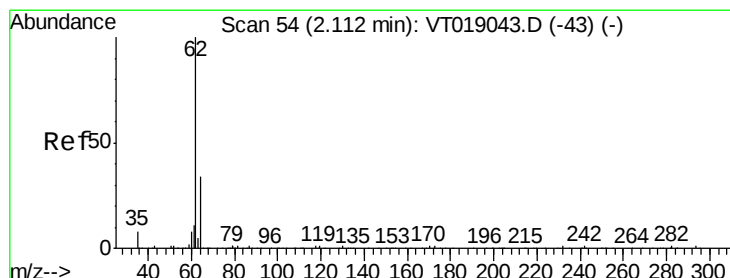
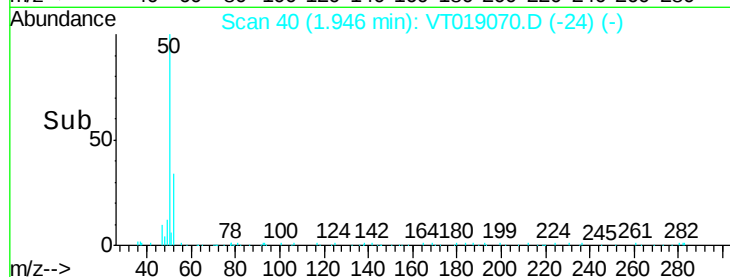
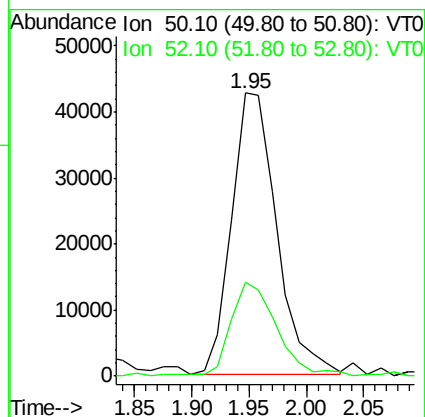
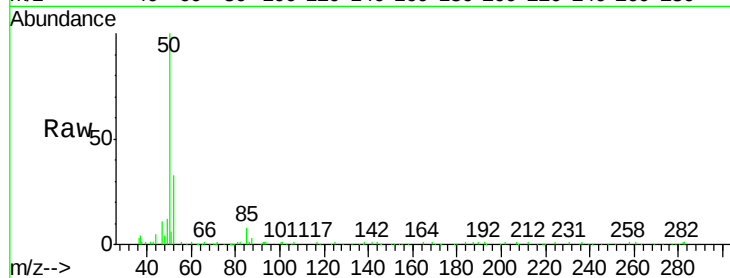
VT0510SBS01

Tot Ion: 50 Resp: 116783

Ion Ratio Lower Upper

50 100

52 33.3 30.1 45.1



#4

Vinyl Chloride

Concen: 22.45 ug/l

RT: 2.09 min Scan# 52

Delta R.T. -0.02 min

Lab File: VT019070.D

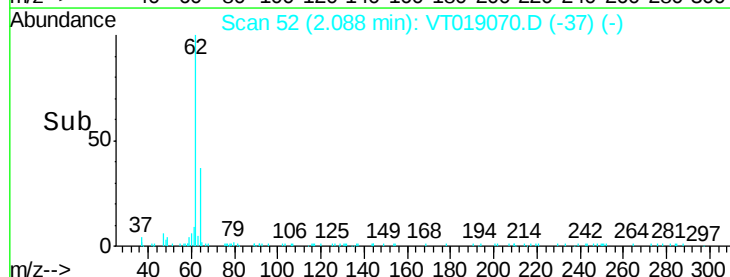
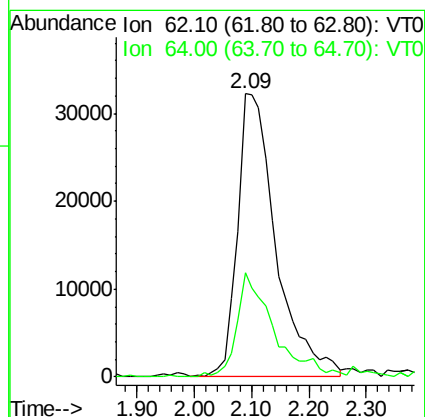
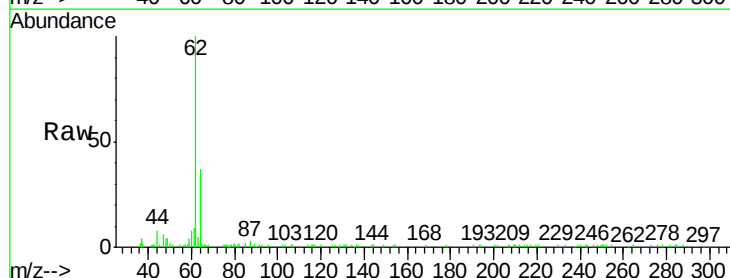
Acq: 10 May 2018 12:03

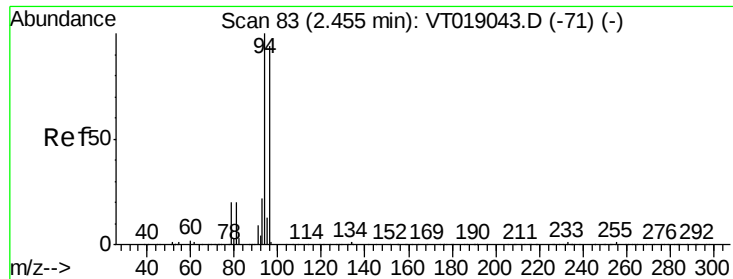
Tgt Ion: 62 Resp: 150402

Ion Ratio Lower Upper

62 100

64 36.8 27.0 40.4





#5

Bromomethane

Concen: 22.22 ug/l

RT: 2.44 min Scan# 82

Delta R.T. -0.01 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

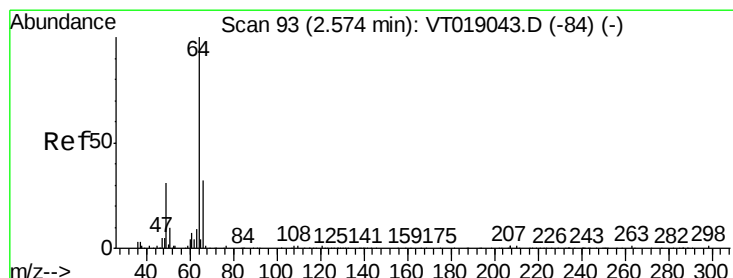
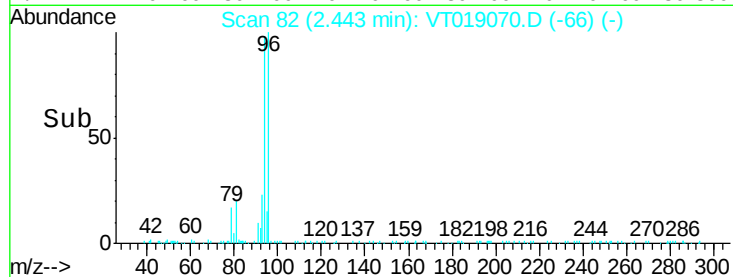
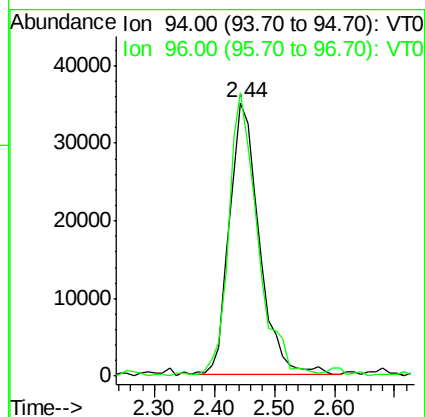
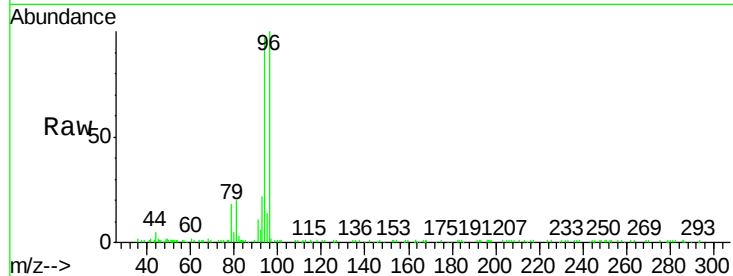
VT0510SBSD01

Tot Ion: 94 Resp: 121464

Ion Ratio Lower Upper

94 100

96 103.6 75.3 112.9



#6

Chloroethane

Concen: 22.74 ug/l

RT: 2.56 min Scan# 92

Delta R.T. -0.01 min

Lab File: VT019070.D

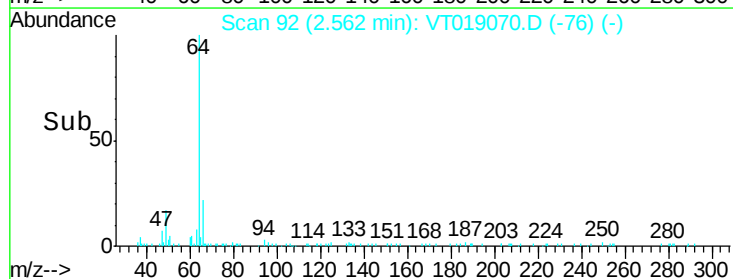
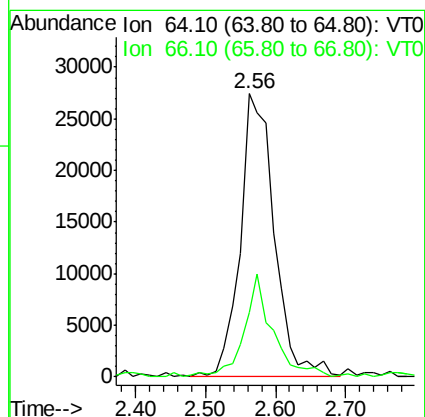
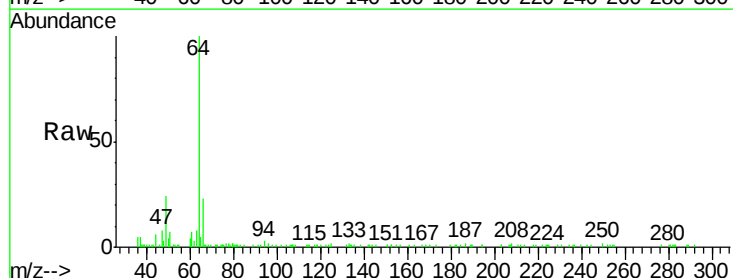
Acq: 10 May 2018 12:03

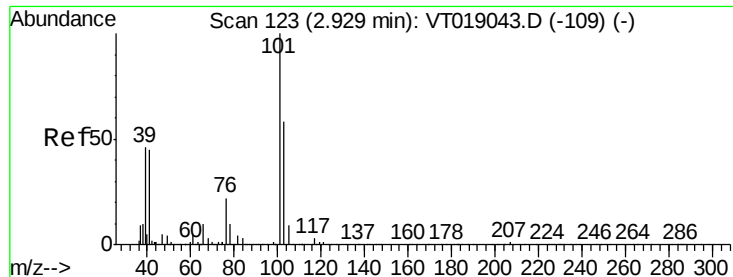
Tgt Ion: 64 Resp: 93469

Ion Ratio Lower Upper

64 100

66 22.9 25.8 38.8#



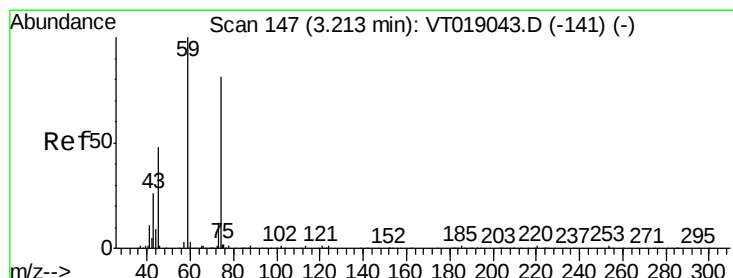
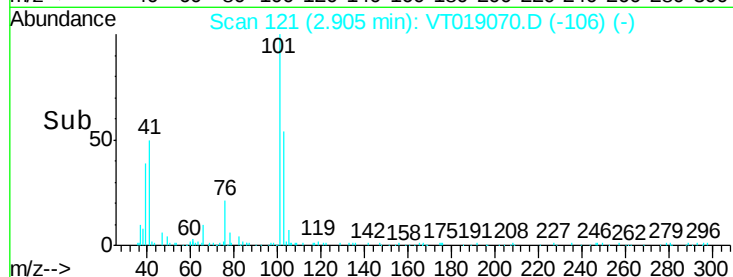
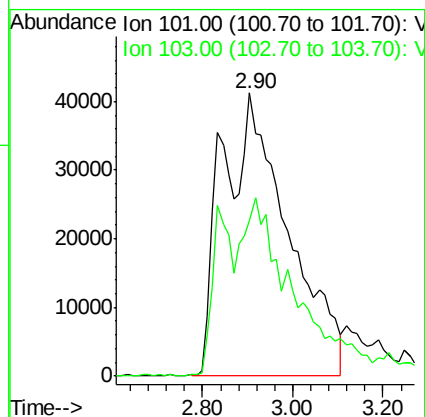
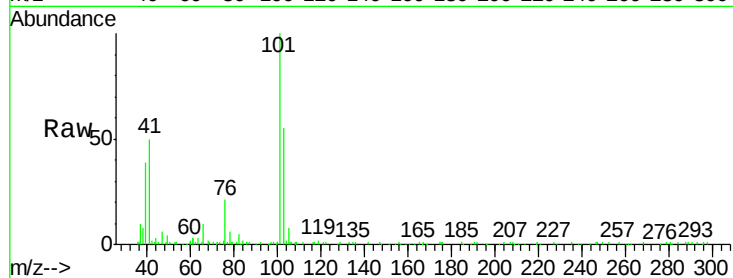


#7

Trichlorofluoromethane
 Concen: 23.13 ug/l m
 RT: 2.90 min Scan# 121
 Delta R.T. -0.02 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBSD01

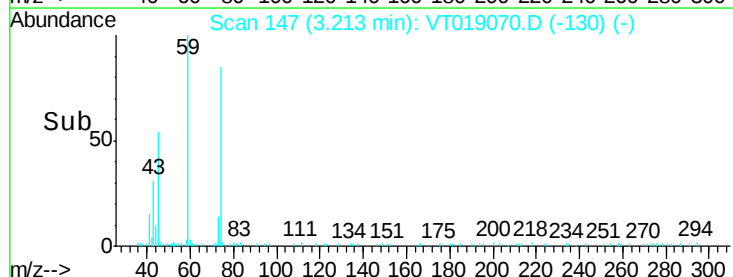
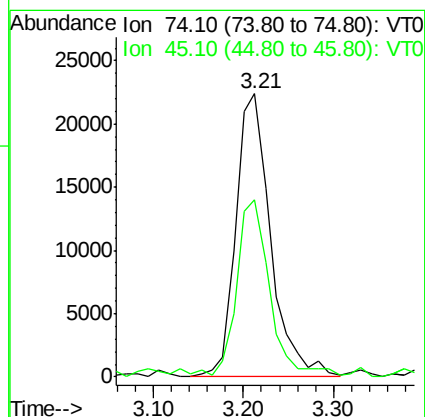
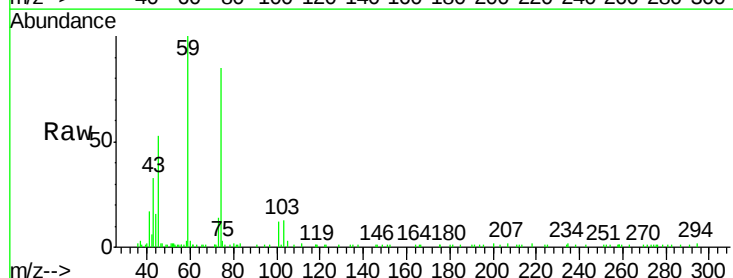
Tot Ion:101 Resp: 416038
 Ion Ratio Lower Upper
 101 100
 103 55.1 46.5 69.7

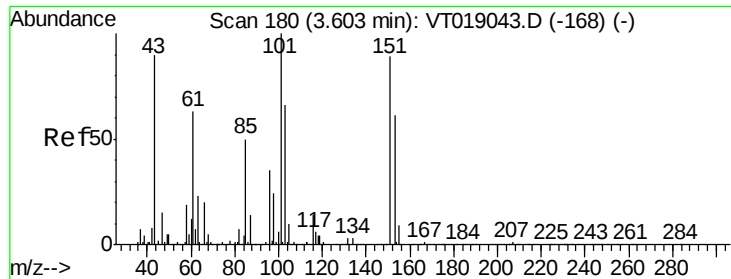


#8

Diethyl Ether
 Concen: 21.98 ug/l
 RT: 3.21 min Scan# 147
 Delta R.T. -0.00 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

Tgt Ion: 74 Resp: 60012
 Ion Ratio Lower Upper
 74 100
 45 62.6 29.8 89.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.60 ug/l

RT: 3.58 min Scan# 178

Delta R.T. -0.02 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

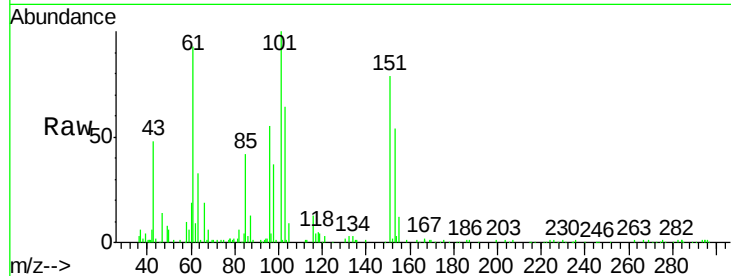
Tot Ion:101 Resp: 223208

Ion Ratio Lower Upper

101 100

85 42.3 39.5 59.3

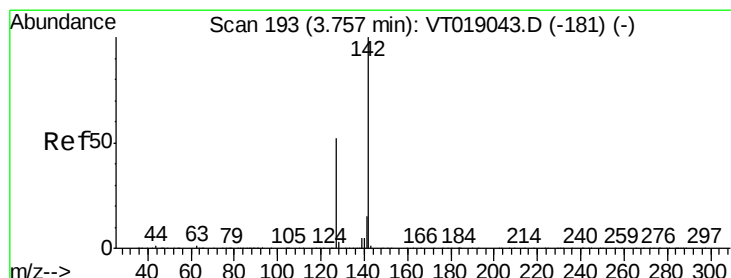
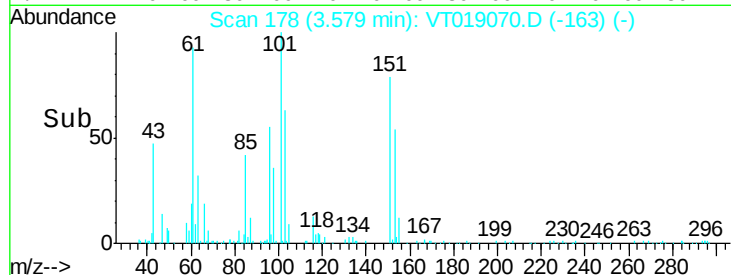
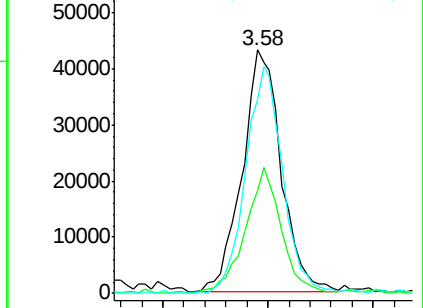
151 79.4 69.9 104.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VT0

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 23.51 ug/l

RT: 3.76 min Scan# 193

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

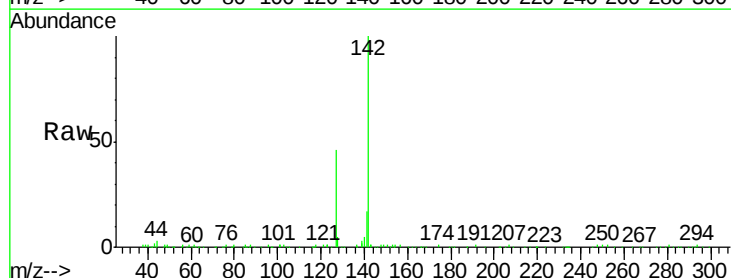
Tgt Ion:142 Resp: 297427

Ion Ratio Lower Upper

142 100

127 46.1 41.8 62.8

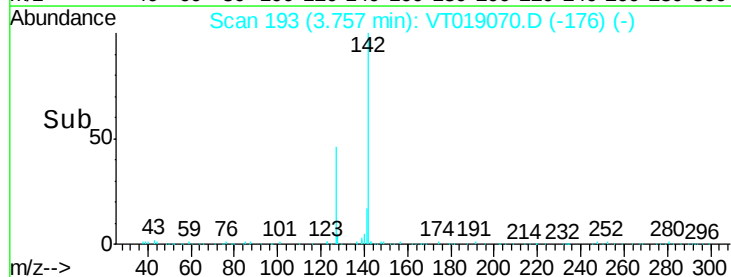
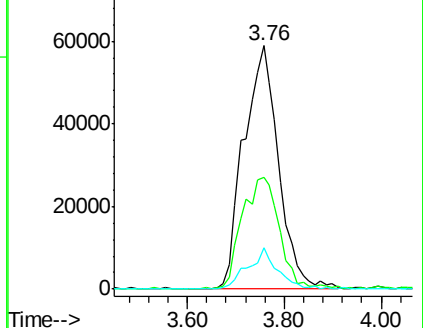
141 17.0 12.0 18.0

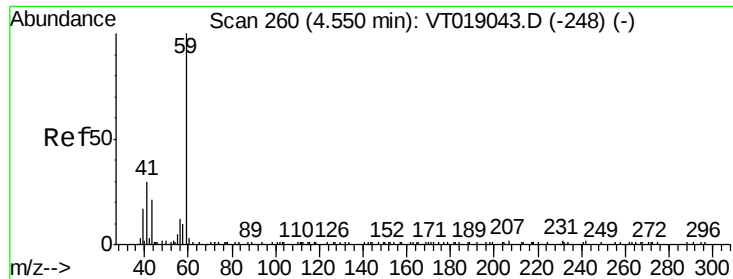


Abundance Ion 141.90 (141.60 to 142.60): V

Ion 126.90 (126.60 to 127.60): V

Ion 140.90 (140.60 to 141.60): V

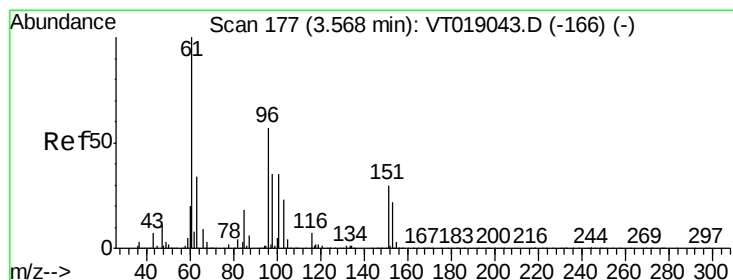
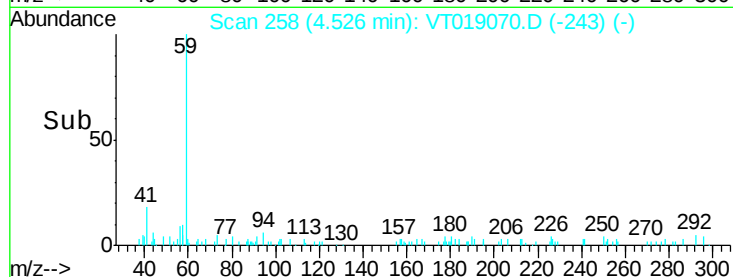
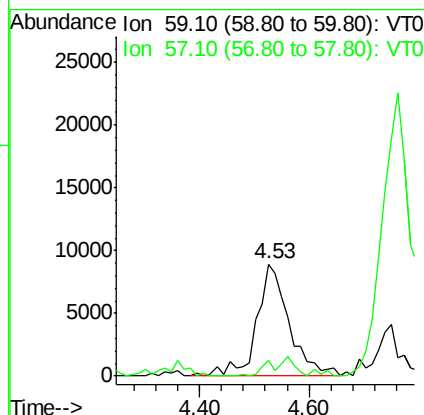
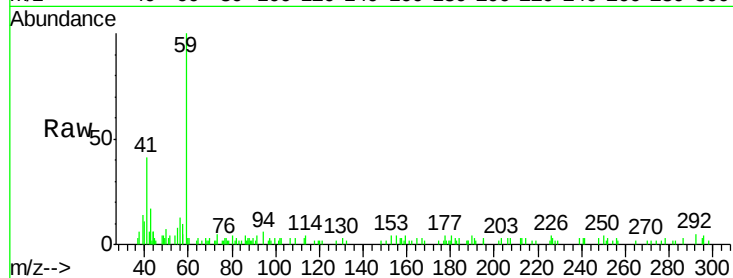




#11
Tert butyl alcohol
Concen: 80.96 ug/l
RT: 4.53 min Scan# 258
Delta R.T. -0.02 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

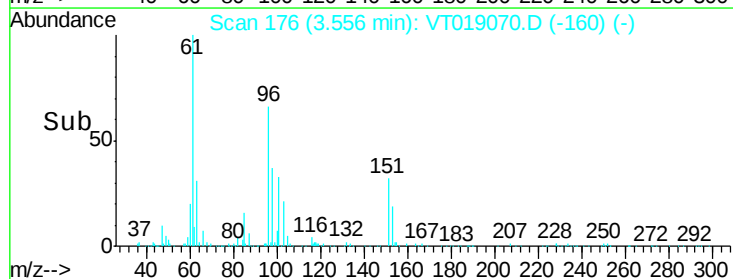
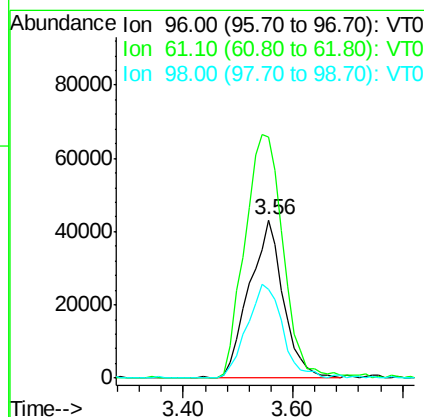
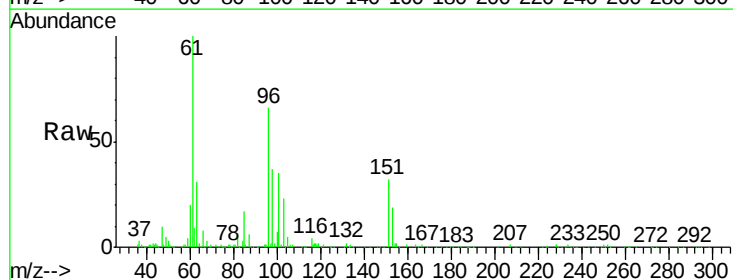
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

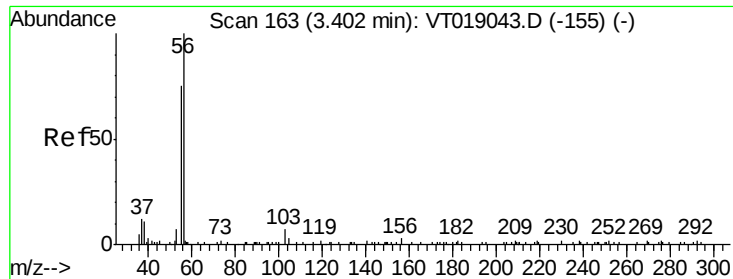
Tot Ion: 59 Resp: 36904
Ion Ratio Lower Upper
59 100
57 14.6 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 24.43 ug/l
RT: 3.56 min Scan# 176
Delta R.T. -0.01 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

Tgt Ion: 96 Resp: 189093
Ion Ratio Lower Upper
96 100
61 152.0 139.4 209.2
98 56.2 49.4 74.2





#13

Acrolein

Concen: 106.98 ug/l

RT: 3.39 min Scan# 162

Delta R.T. -0.01 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

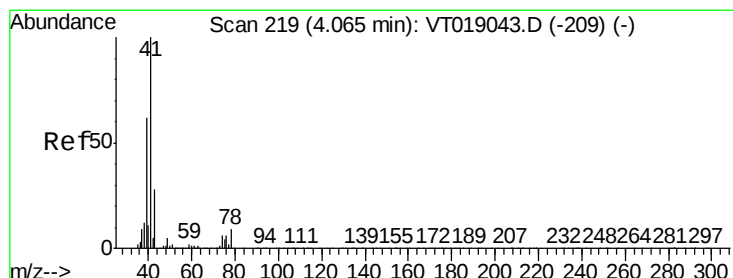
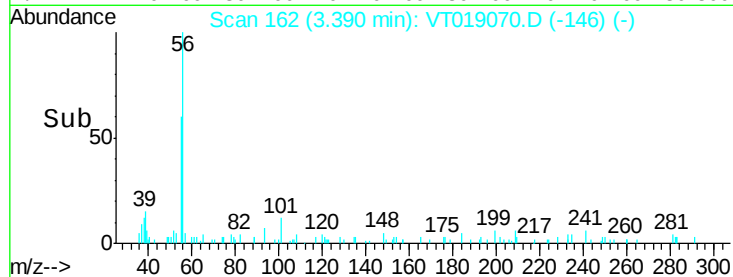
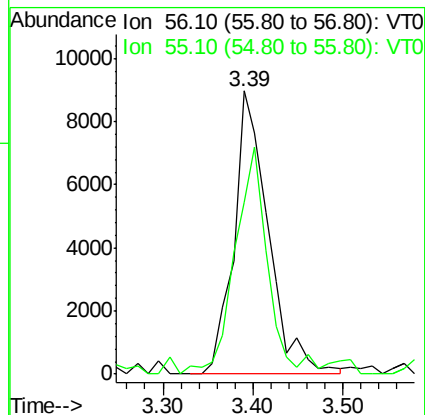
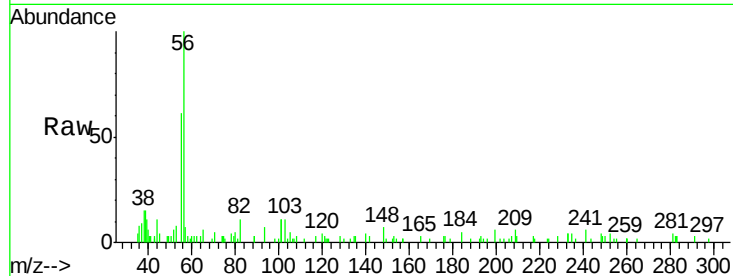
VT0510SBSD01

Tot Ion: 56 Resp: 23805

Ion Ratio Lower Upper

56 100

55 60.8 60.8 91.2



#14

Allyl chloride

Concen: 22.66 ug/l

RT: 4.06 min Scan# 219

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

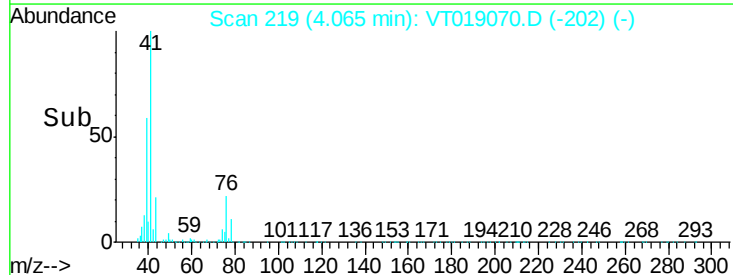
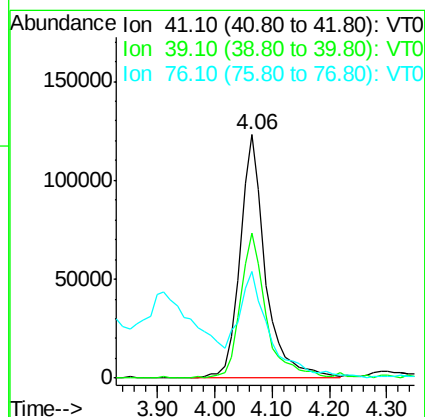
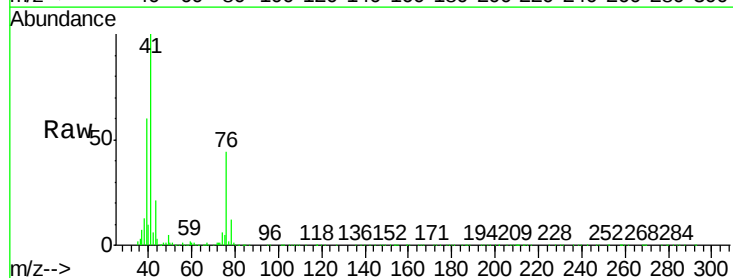
Tgt Ion: 41 Resp: 378458

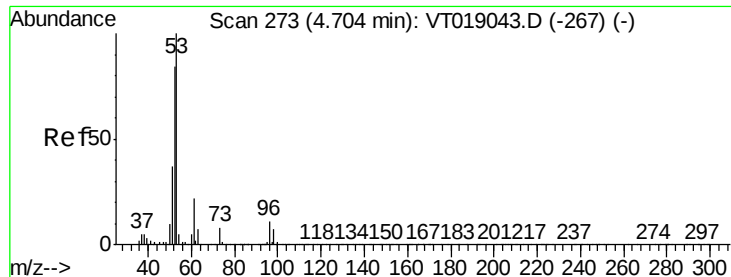
Ion Ratio Lower Upper

41 100

39 59.7 49.5 74.3

76 43.7 44.0 66.0#





#15

Acrylonitrile

Concen: 97.02 ug/l

RT: 4.70 min Scan# 273

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

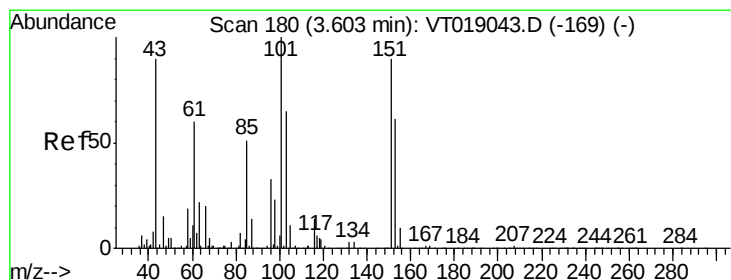
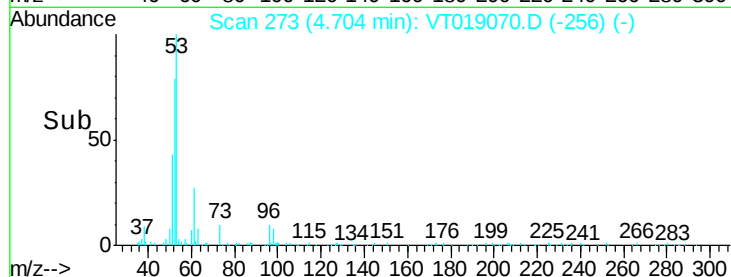
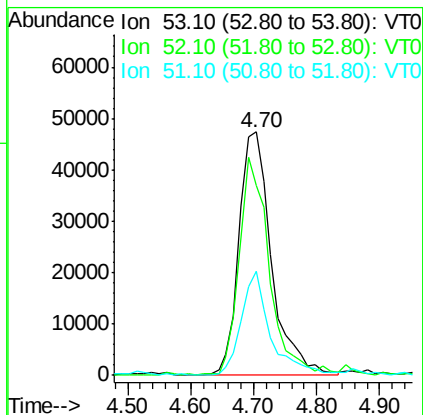
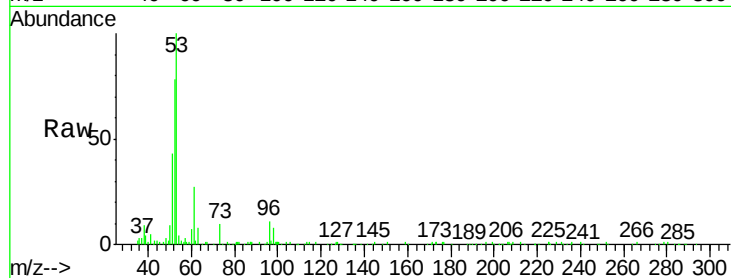
Tot Ion: 53 Resp: 170363

Ion Ratio Lower Upper

53 100

52 77.9 67.4 101.0

51 43.0 29.6 44.4



#16

Acetone

Concen: 107.08 ug/l

RT: 3.59 min Scan# 179

Delta R.T. -0.01 min

Lab File: VT019070.D

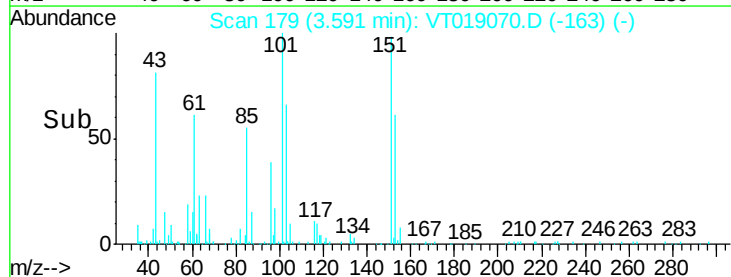
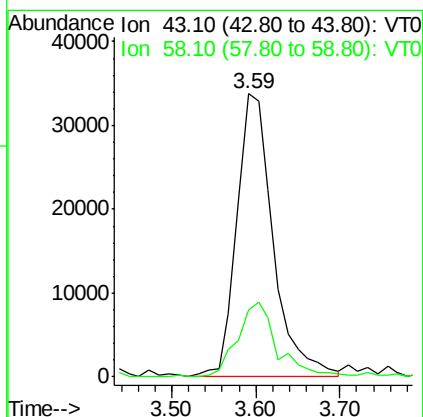
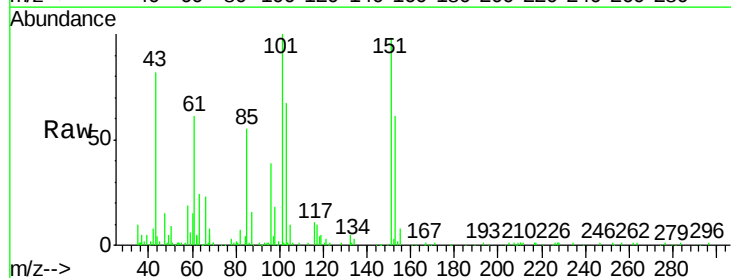
Acq: 10 May 2018 12:03

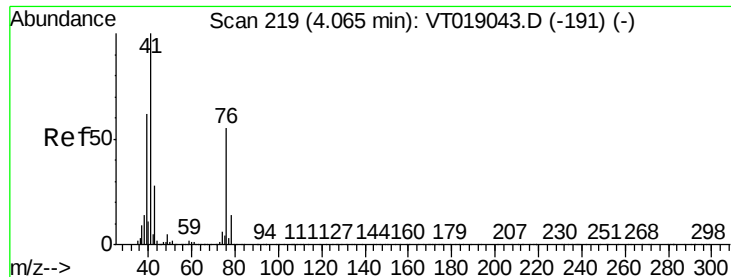
Tgt Ion: 43 Resp: 102460

Ion Ratio Lower Upper

43 100

58 23.6 16.7 25.1

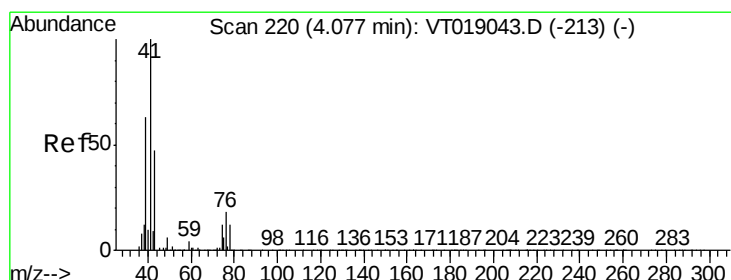
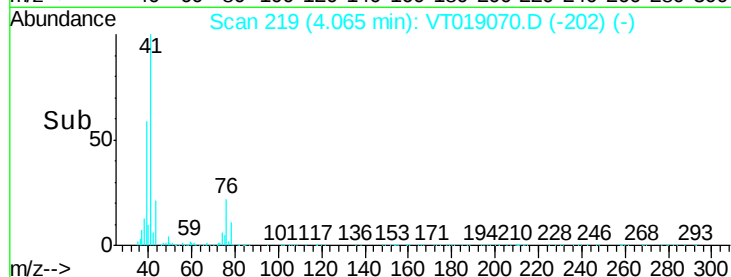
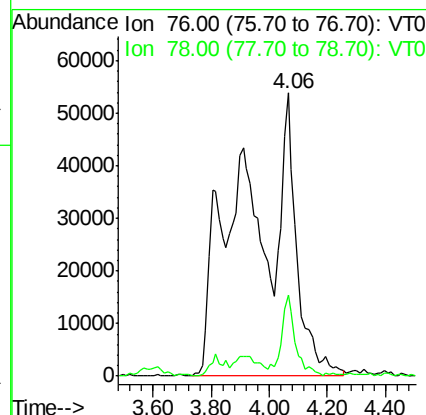
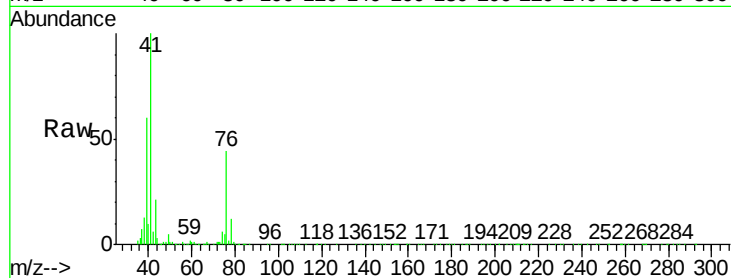




#17
Carbon Disulfide
Concen: 19.92 ug/l m
RT: 4.06 min Scan# 219
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

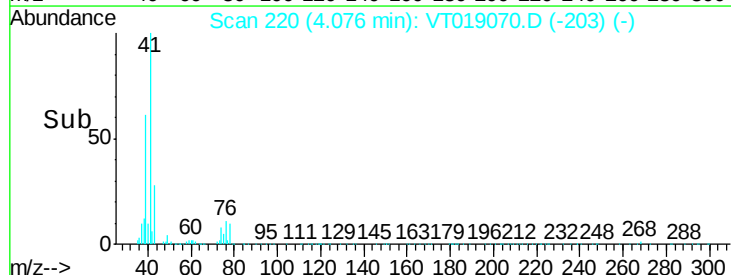
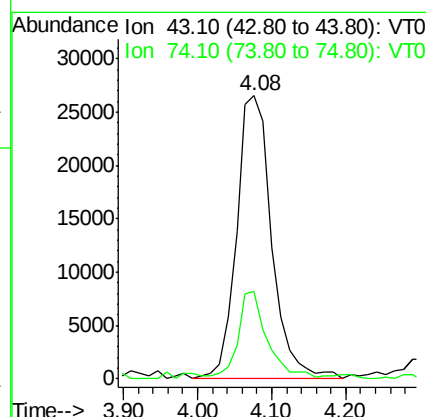
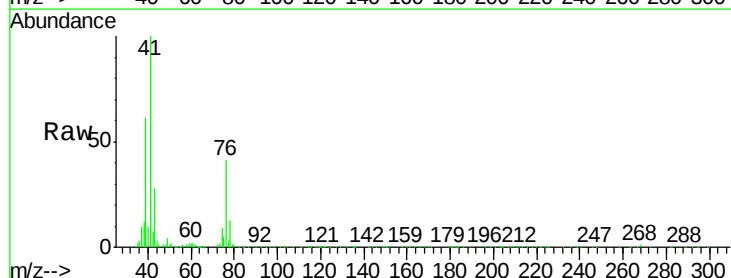
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

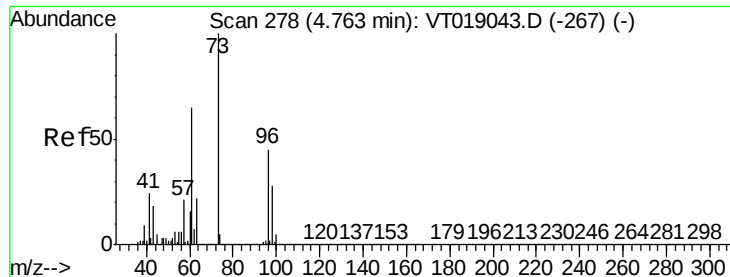
Tot Ion: 76 Resp: 636322
Ion Ratio Lower Upper
76 100
78 28.5 19.8 29.8



#18
Methyl Acetate
Concen: 17.80 ug/l
RT: 4.08 min Scan# 220
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

Tgt Ion: 43 Resp: 87498
Ion Ratio Lower Upper
43 100
74 30.7 19.8 29.8#



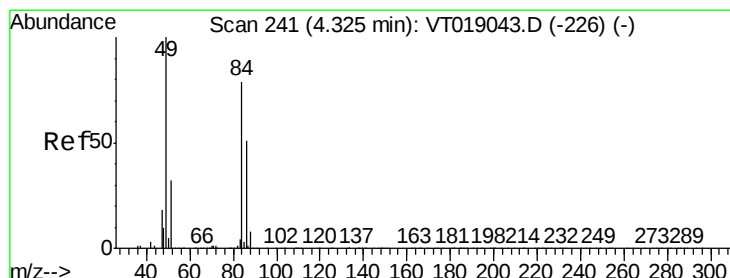
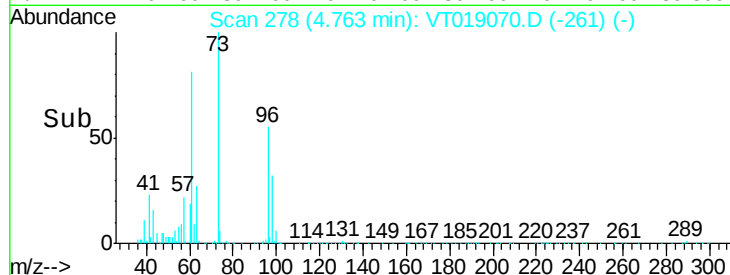
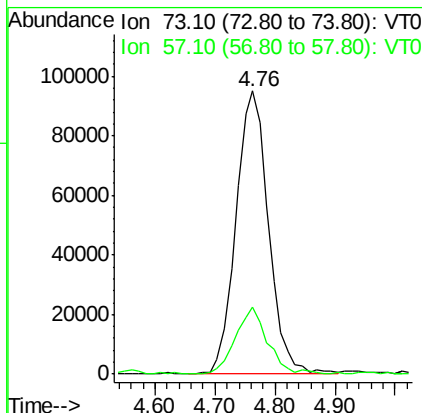
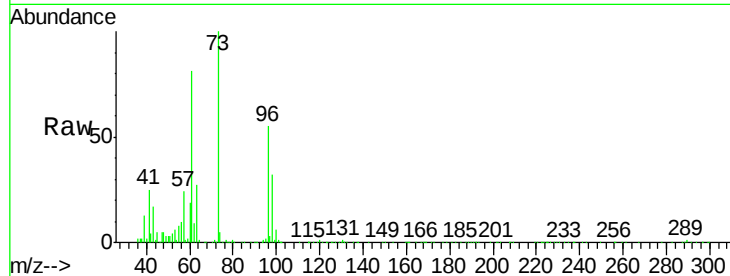


#19

Methyl tert-butyl Ether
 Concen: 18.54 ug/l
 RT: 4.76 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

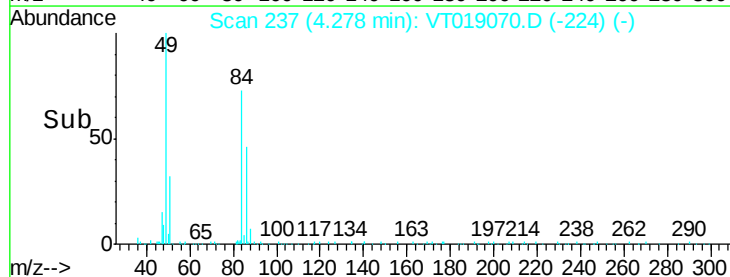
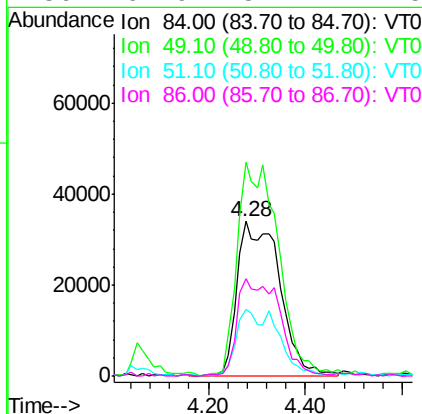
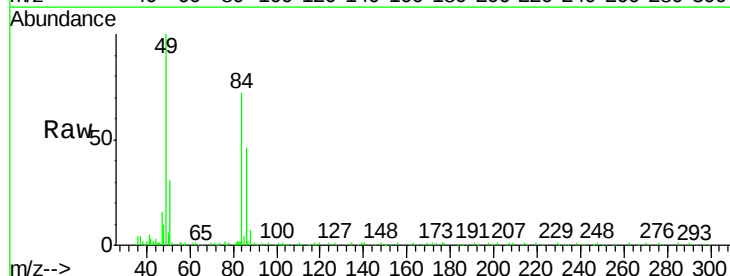
Tot Ion: 73 Resp: 359633
 Ion Ratio Lower Upper
 73 100
 57 23.7 16.6 25.0

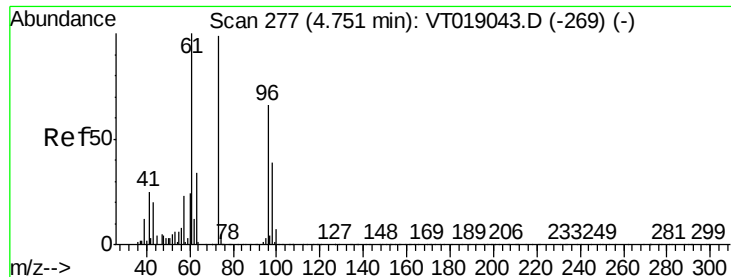


#20

Methylene Chloride
 Concen: 19.90 ug/l m
 RT: 4.28 min Scan# 237
 Delta R.T. -0.05 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

Tgt Ion: 84 Resp: 205087
 Ion Ratio Lower Upper
 84 100
 49 138.3 103.0 154.4
 51 43.4 33.3 49.9
 86 62.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.86 ug/l

RT: 4.75 min Scan# 277

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

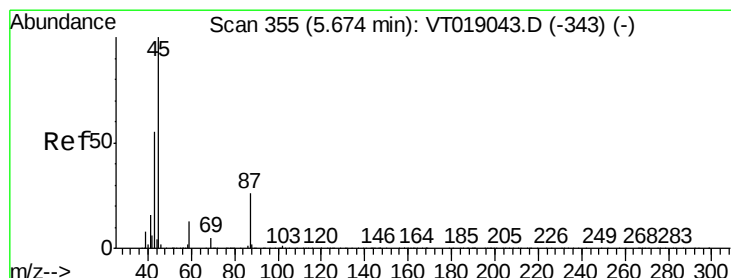
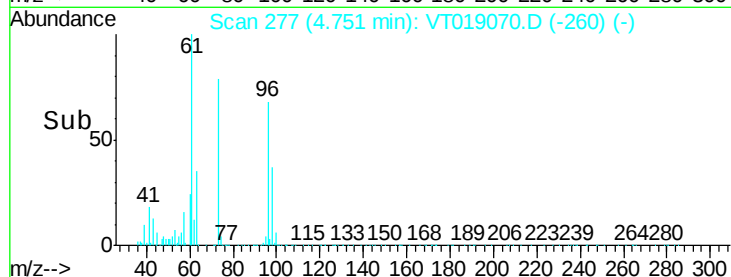
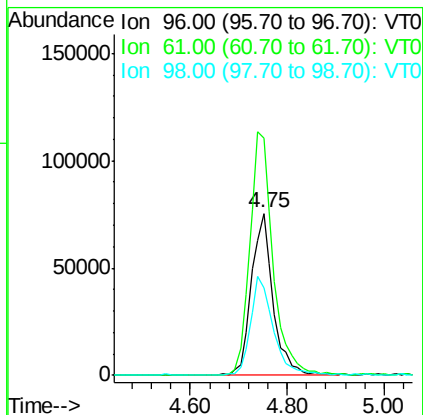
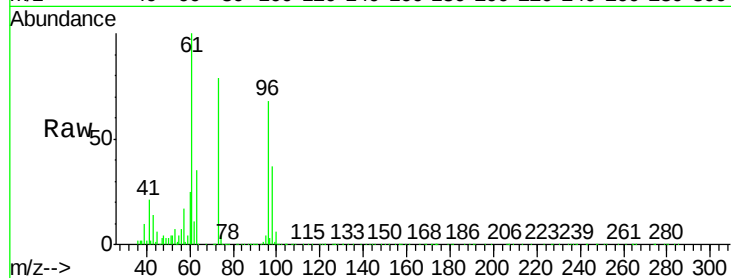
Tot Ion: 96 Resp: 238467

Ion Ratio Lower Upper

96 100

61 146.9 120.8 181.2

98 54.0 47.4 71.2



#22

Diisopropyl ether

Concen: 21.60 ug/l

RT: 5.67 min Scan# 355

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Tgt Ion: 45 Resp: 669290

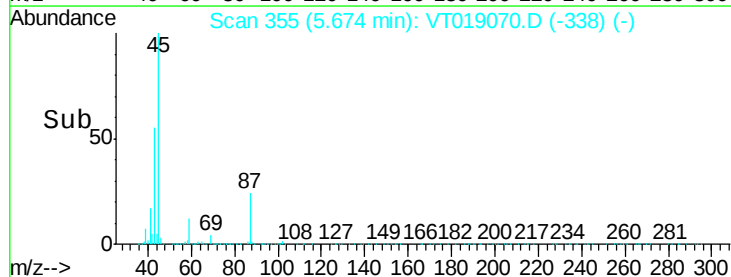
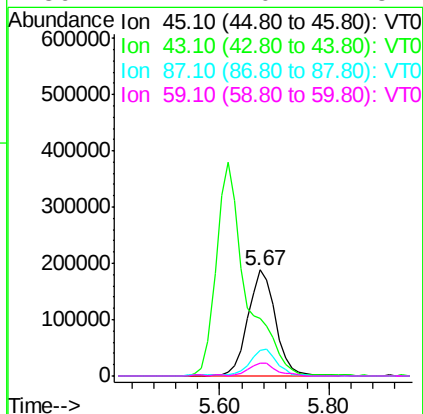
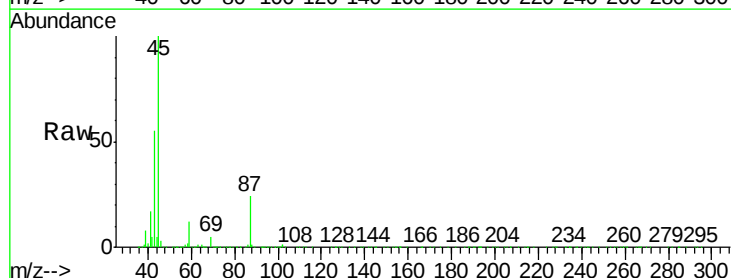
Ion Ratio Lower Upper

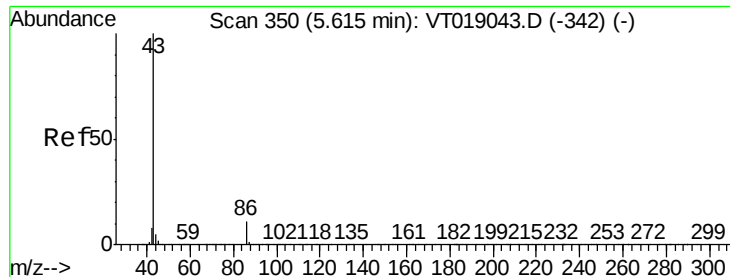
45 100

43 54.7 43.8 65.6

87 24.3 20.8 31.2

59 12.4 10.2 15.4





#23

Vinyl Acetate

Concen: 104.80 ug/l

RT: 5.61 min Scan# 350

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

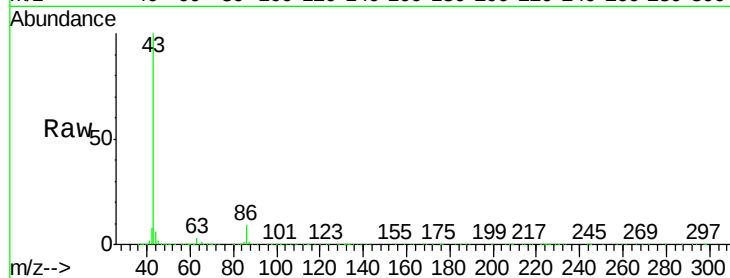
VT0510SBSD01

Tot Ion: 43 Resp: 1440992

Ion Ratio Lower Upper

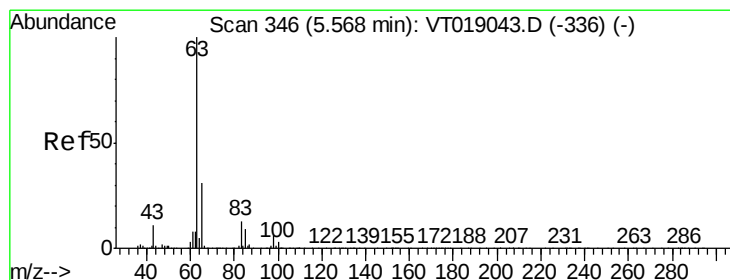
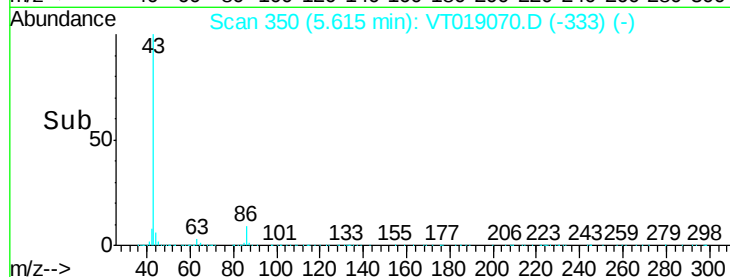
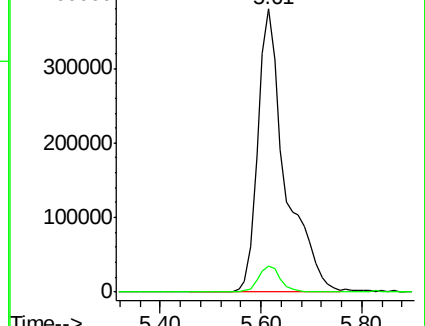
43 100

86 9.3 8.6 13.0



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 86.10 (85.80 to 86.80): VT0



#24

1,1-Dichloroethane

Concen: 21.03 ug/l

RT: 5.56 min Scan# 345

Delta R.T. -0.01 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

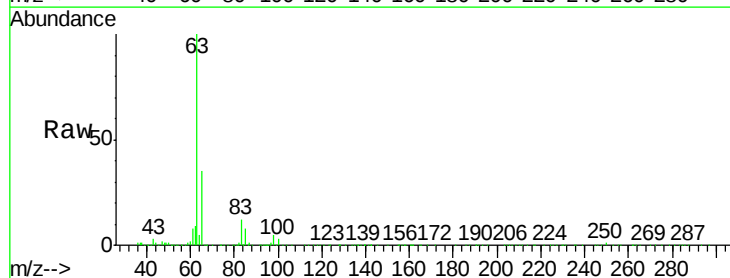
Tgt Ion: 63 Resp: 455459

Ion Ratio Lower Upper

63 100

98 4.8 2.8 8.4

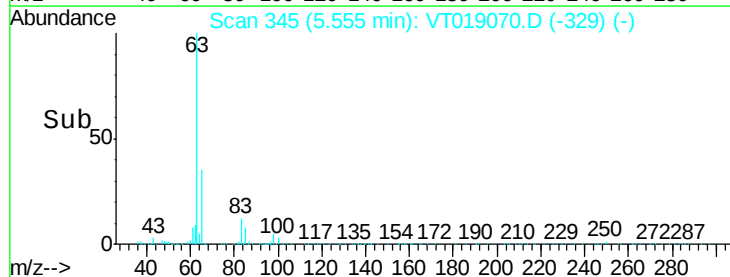
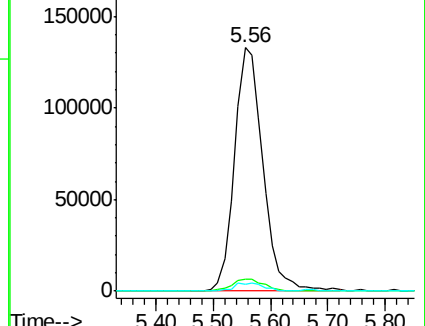
100 3.0 1.7 5.1

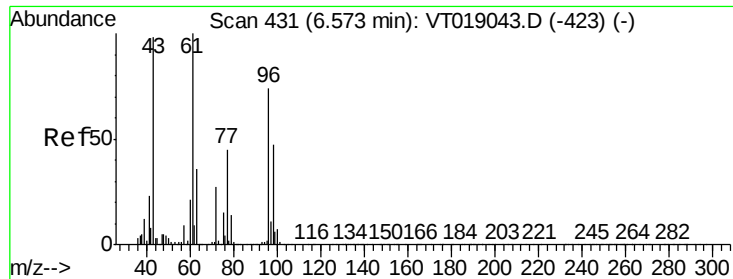


Abundance Ion 63.10 (62.80 to 63.80): VT0

Ion 98.00 (97.70 to 98.70): VT0

Ion 100.00 (99.70 to 100.70): VT0





#25

2-Butanone

Concen: 95.00 ug/l

RT: 6.57 min Scan# 431

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

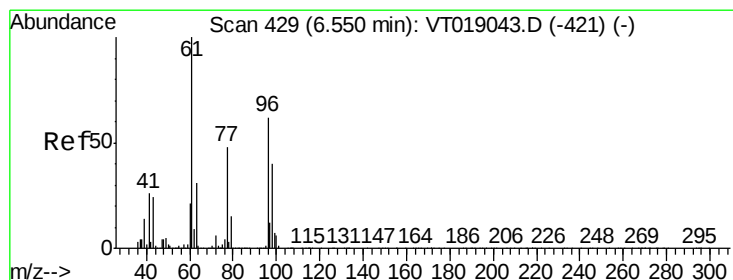
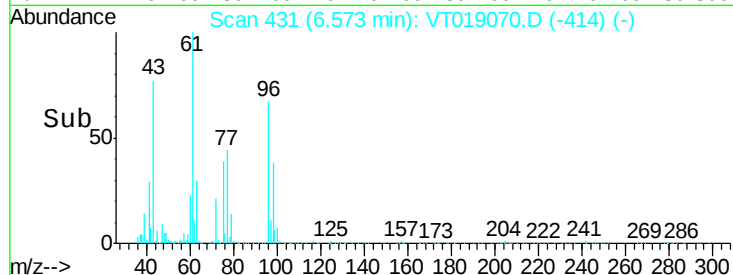
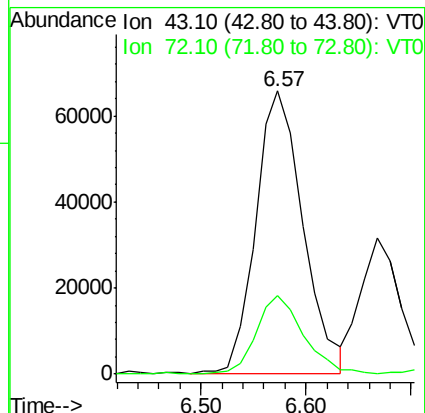
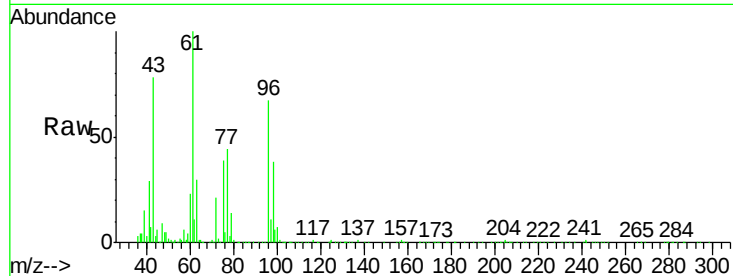
VT0510SBSD01

Tot Ion: 43 Resp: 204689

Ion Ratio Lower Upper

43 100

72 27.7 22.1 33.1



#26

2,2-Dichloropropane

Concen: 23.59 ug/l

RT: 6.56 min Scan# 430

Delta R.T. 0.01 min

Lab File: VT019070.D

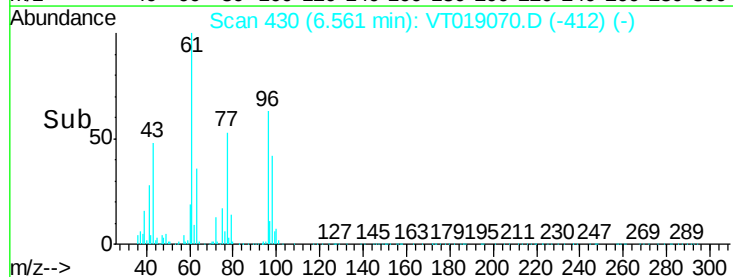
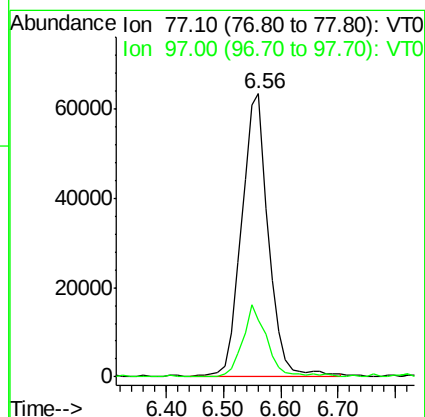
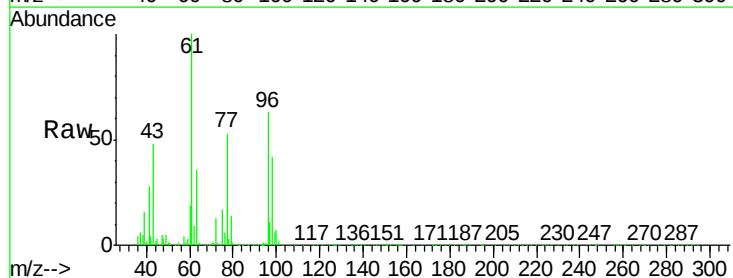
Acq: 10 May 2018 12:03

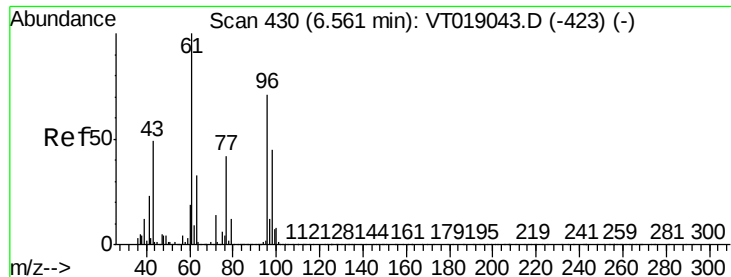
Tgt Ion: 77 Resp: 206164

Ion Ratio Lower Upper

77 100

97 20.0 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 20.64 ug/l

RT: 6.56 min Scan# 430

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

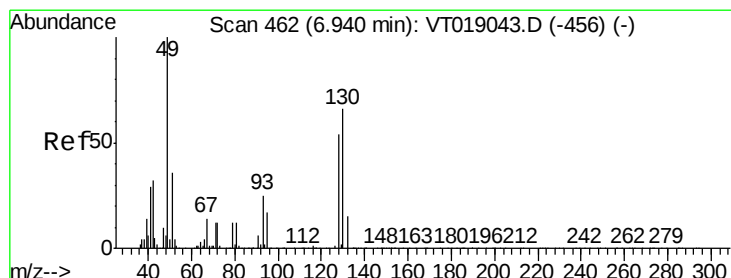
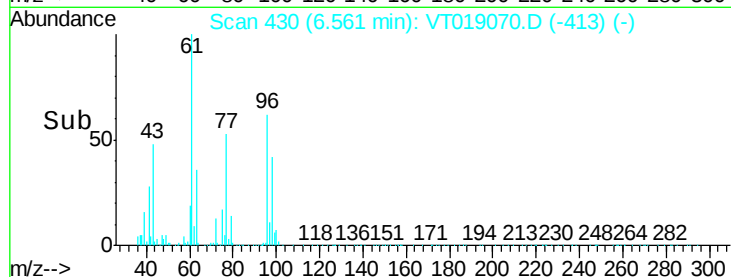
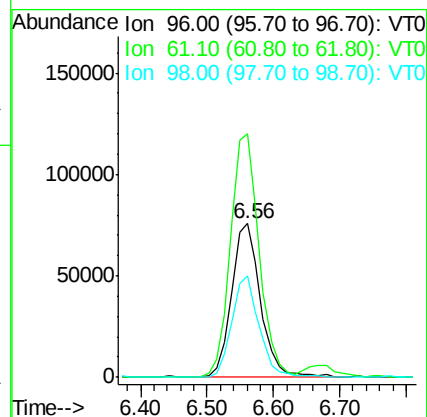
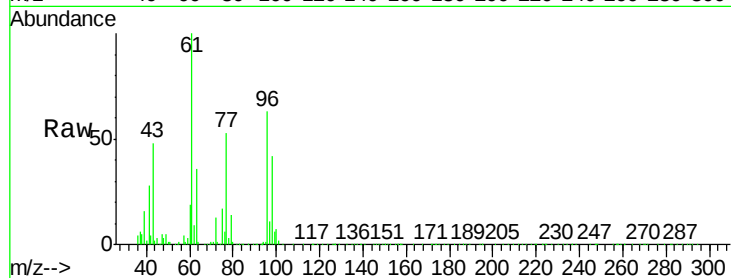
Tot Ion: 96 Resp: 231730

Ion Ratio Lower Upper

96 100

61 158.5 0.0 282.0

98 66.3 0.0 125.8



#28

Bromochloromethane

Concen: 21.57 ug/l

RT: 6.94 min Scan# 462

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

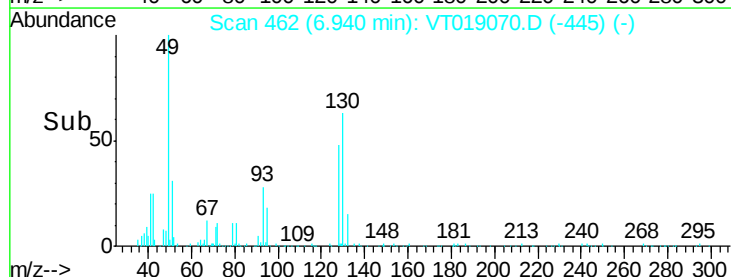
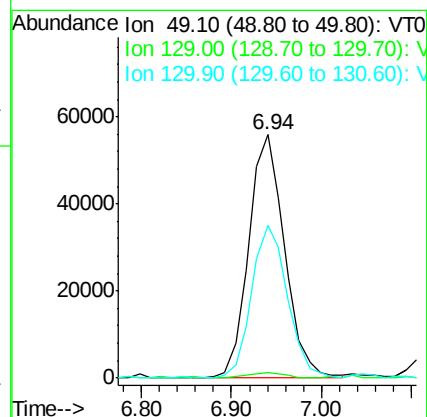
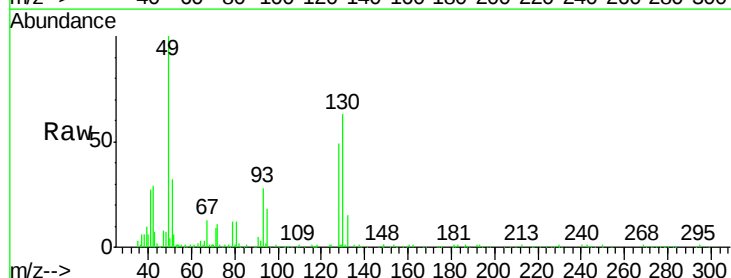
Tgt Ion: 49 Resp: 155104

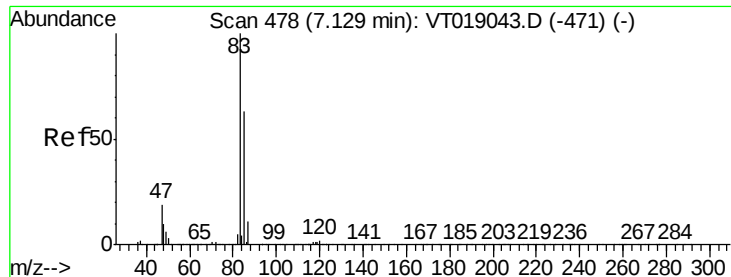
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 62.6 52.4 78.6





#29

Chloroform

Concen: 20.56 ug/l

RT: 7.13 min Scan# 478

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

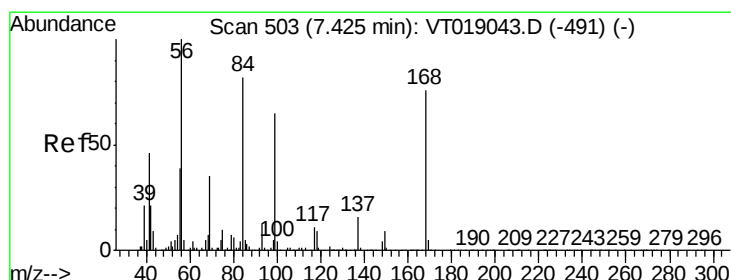
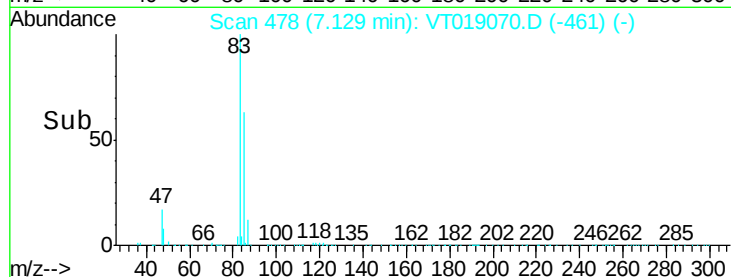
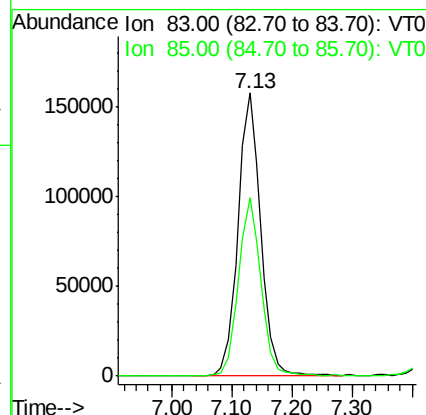
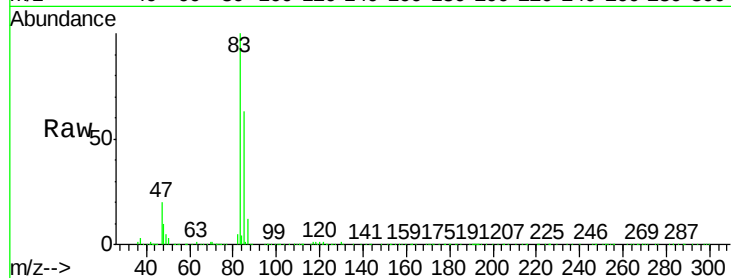
VT0510SBSD01

Tot Ion: 83 Resp: 416747

Ion Ratio Lower Upper

83 100

85 63.0 50.6 76.0



#30

Cyclohexane

Concen: 21.61 ug/l

RT: 7.43 min Scan# 503

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

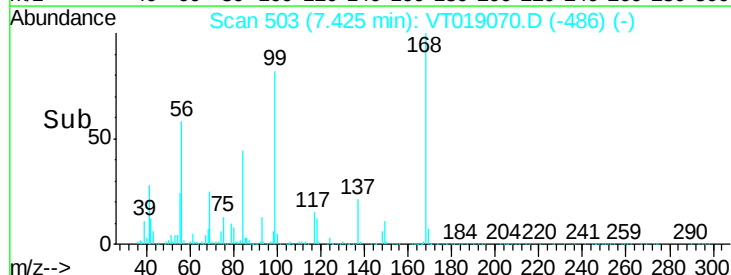
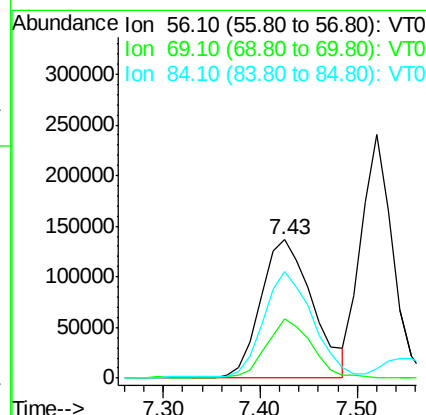
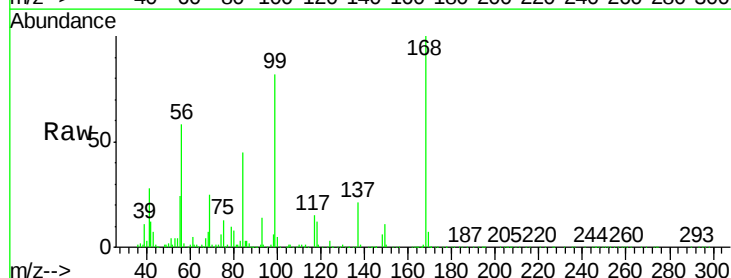
Tgt Ion: 56 Resp: 507292

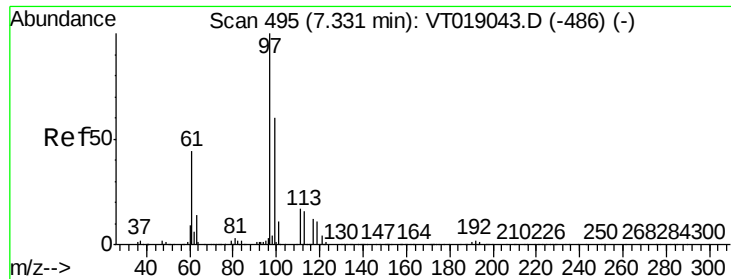
Ion Ratio Lower Upper

56 100

69 42.6 28.2 42.2#

84 76.8 65.6 98.4





#31

1,1,1-Trichloroethane

Concen: 21.14 ug/l

RT: 7.33 min Scan# 495

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBSD01

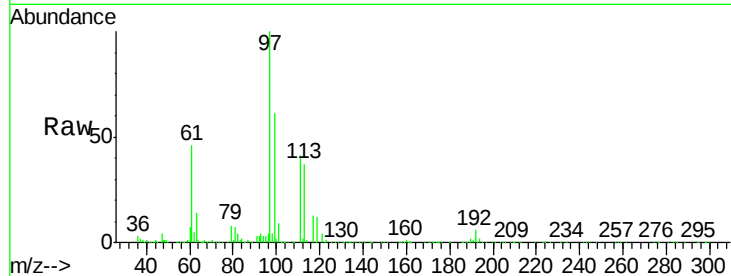
Tot Ion: 97 Resp: 331133

Ion Ratio Lower Upper

97 100

99 60.9 47.6 71.4

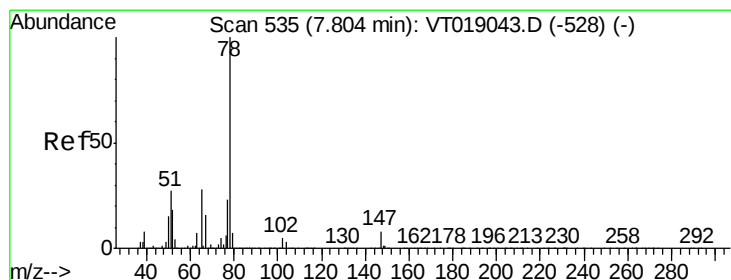
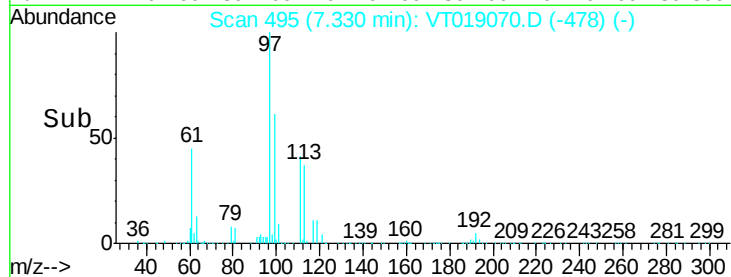
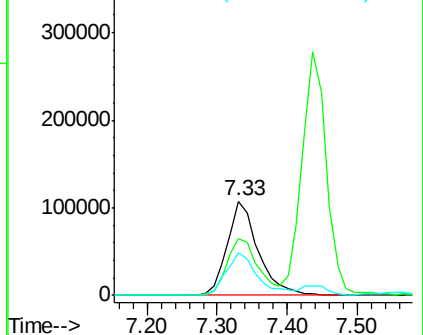
61 45.5 35.3 52.9



Abundance Ion 97.00 (96.70 to 97.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

Ion 61.00 (60.70 to 61.70): VT0



#32

1,2-Dichloroethane-d4

Concen: 51.32 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019070.D

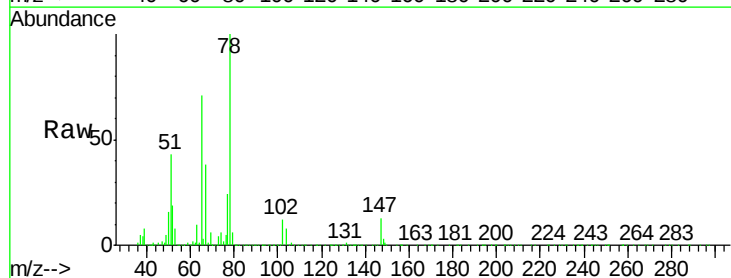
Acq: 10 May 2018 12:03

Tgt Ion: 65 Resp: 462537

Ion Ratio Lower Upper

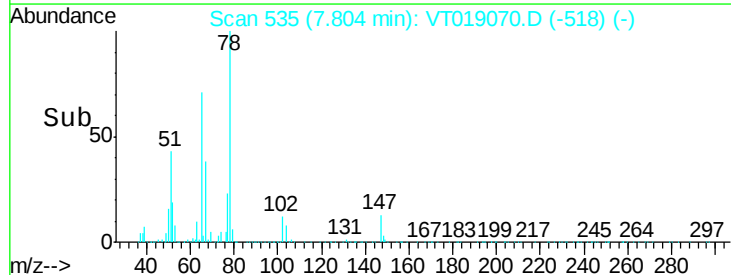
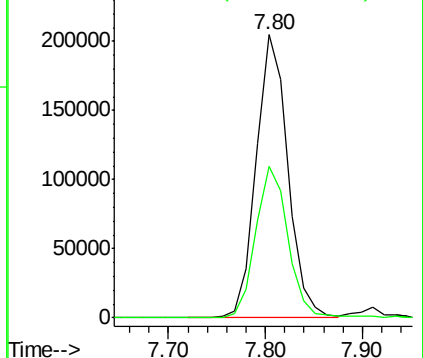
65 100

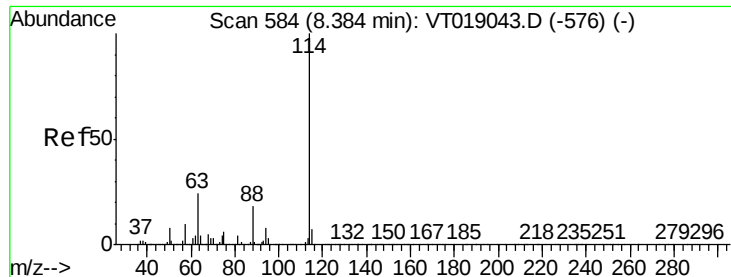
67 53.7 0.0 114.2



Abundance Ion 65.10 (64.80 to 65.80): VT0

Ion 67.10 (66.80 to 67.80): VT0





#33

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.38 min Scan# 584

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

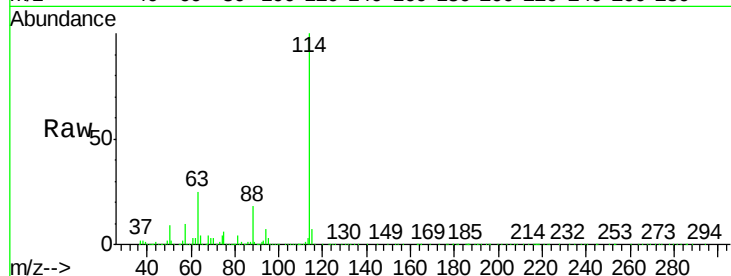
Tot Ion:114 Resp: 1633632

Ion Ratio Lower Upper

114 100

63 24.8 0.0 48.8

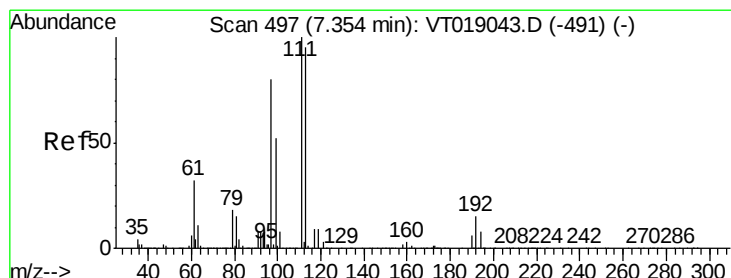
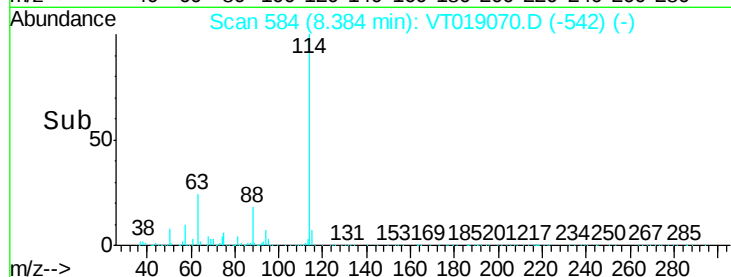
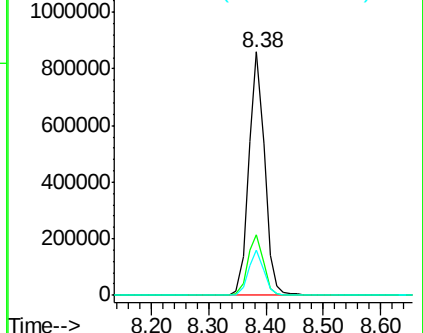
88 18.4 0.0 37.0



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VT0

Ion 88.10 (87.80 to 88.80): VT0



#34

Dibromofluoromethane

Concen: 49.94 ug/l

RT: 7.35 min Scan# 497

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

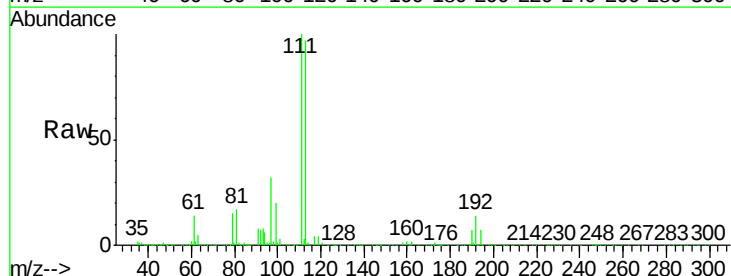
Tgt Ion:113 Resp: 456849

Ion Ratio Lower Upper

113 100

111 103.5 84.0 126.0

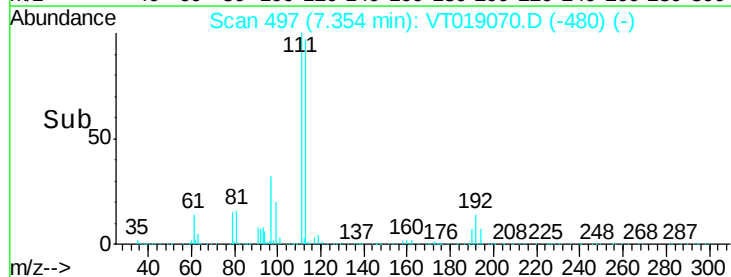
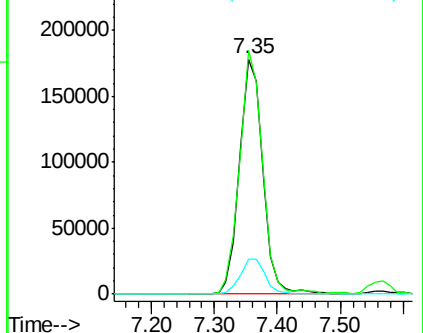
192 14.8 12.9 19.3

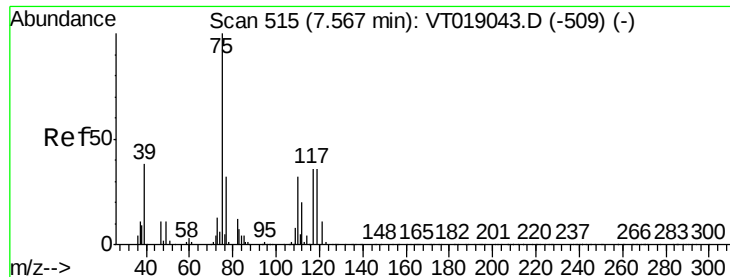


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#35

1,1-Dichloropropene

Concen: 20.03 ug/l

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBSD01

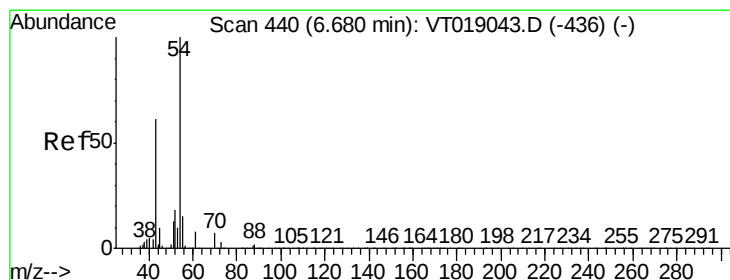
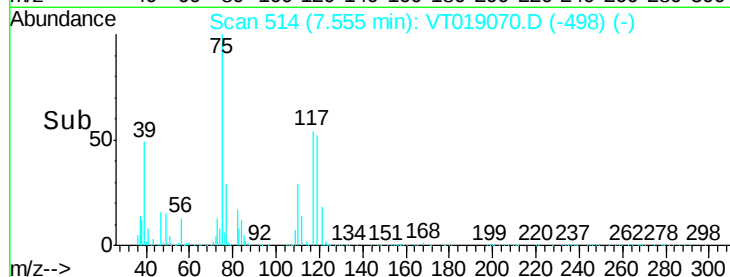
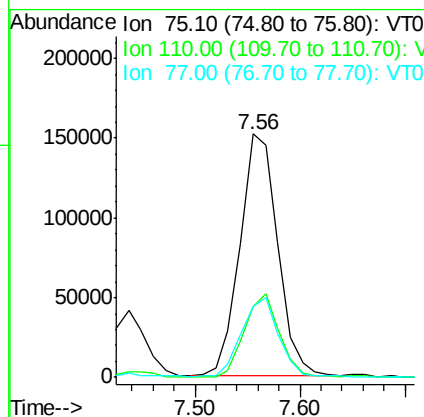
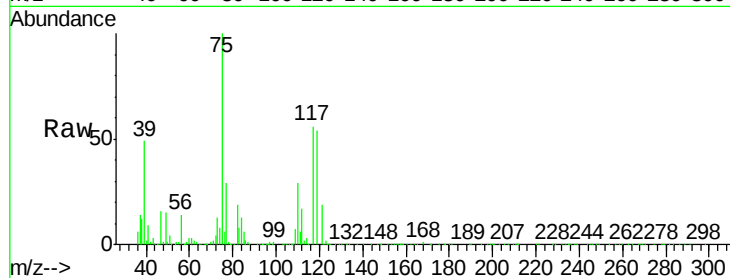
Tot Ion: 75 Resp: 377050

Ion Ratio Lower Upper

75 100

110 29.2 15.9 47.6

77 29.3 25.9 38.9



#36

Ethyl Acetate

Concen: 17.19 ug/l

RT: 6.67 min Scan# 439

Delta R.T. -0.01 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

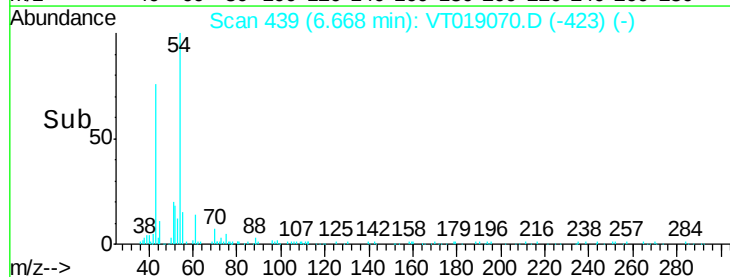
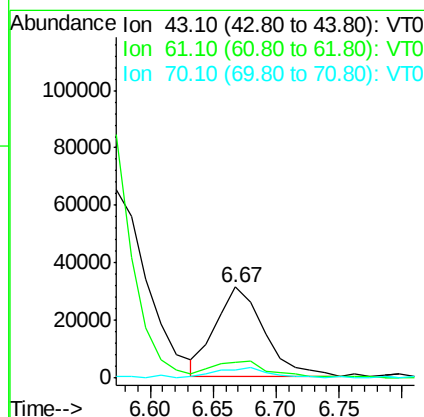
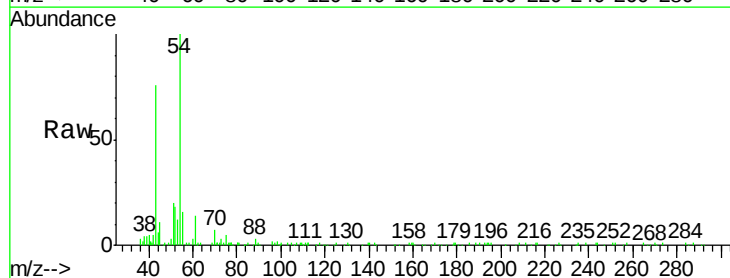
Tgt Ion: 43 Resp: 83419

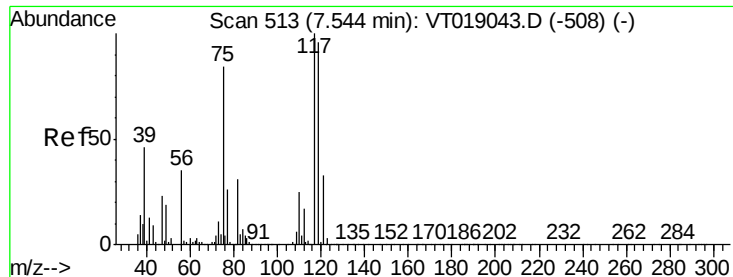
Ion Ratio Lower Upper

43 100

61 18.5 14.2 21.2

70 10.2 8.4 12.6





#37

Carbon Tetrachloride

Concen: 20.25 ug/l

RT: 7.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

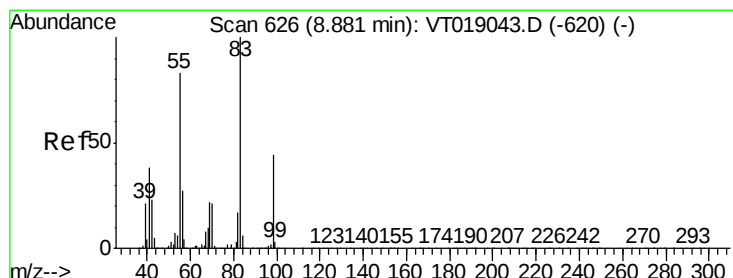
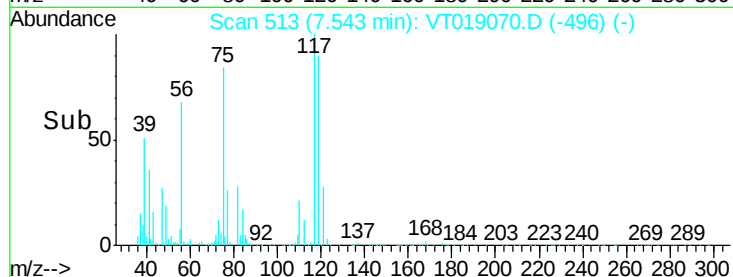
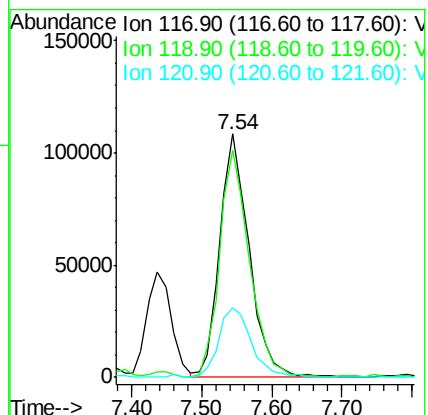
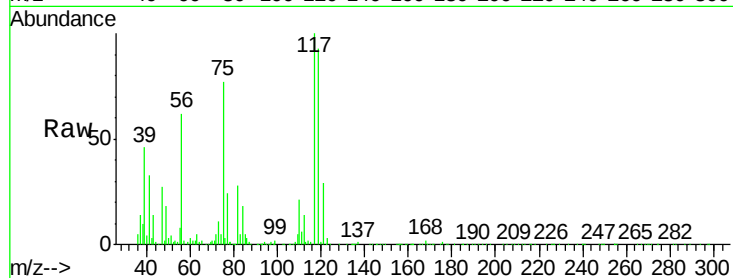
Tot Ion:117 Resp: 311543

Ion Ratio Lower Upper

117 100

119 93.1 76.5 114.7

121 28.8 26.0 39.0



#38

Methylcyclohexane

Concen: 20.36 ug/l

RT: 8.88 min Scan# 626

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

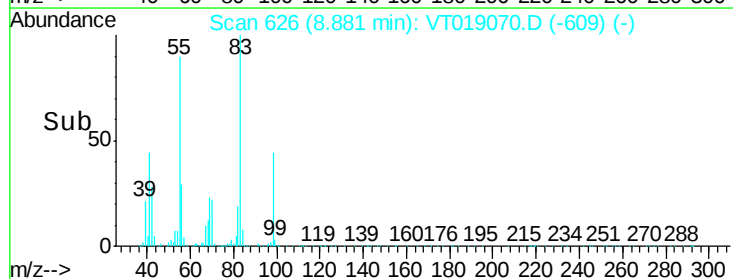
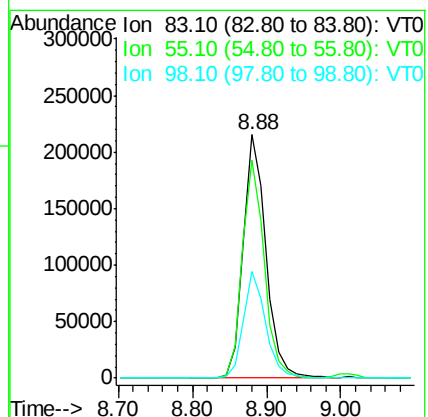
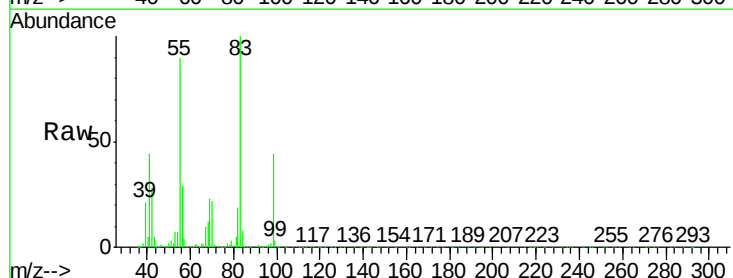
Tgt Ion: 83 Resp: 457407

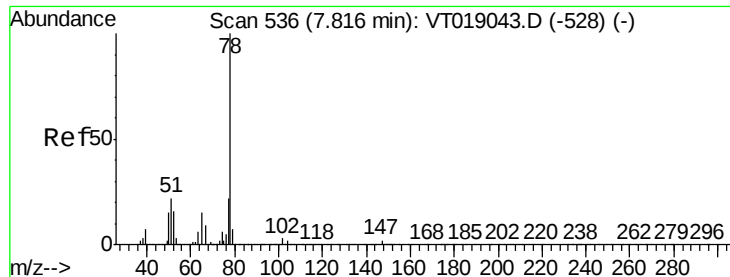
Ion Ratio Lower Upper

83 100

55 89.8 66.7 100.1

98 43.7 35.5 53.3





#39

Benzene

Concen: 20.61 ug/l

RT: 7.82 min Scan# 536

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBSD01

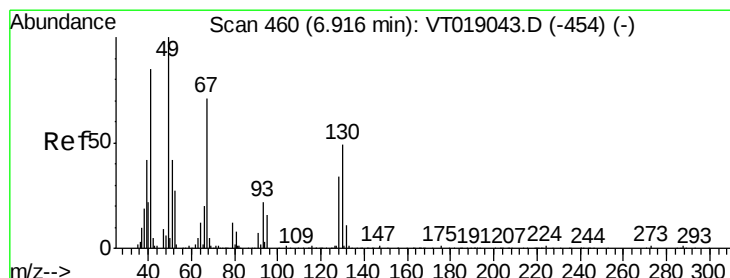
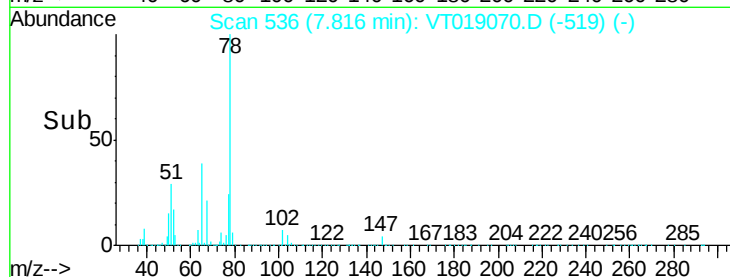
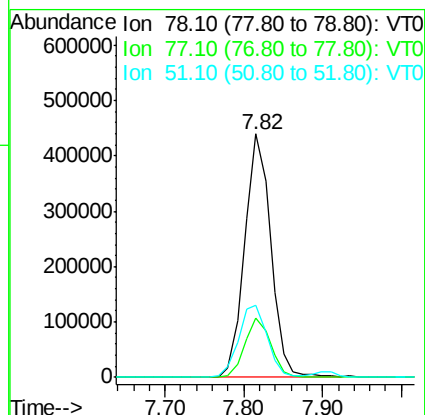
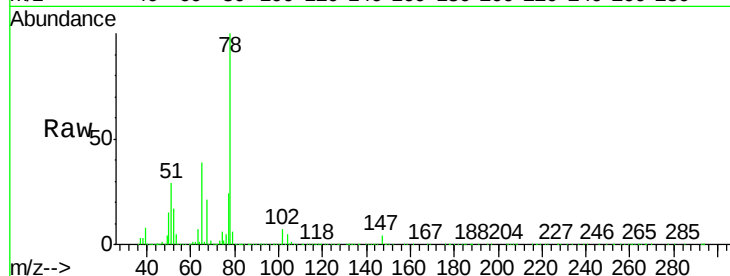
Tot Ion: 78 Resp: 1013465

Ion Ratio Lower Upper

78 100

77 24.1 18.0 27.0

51 29.4 17.3 25.9#



#40

Methacrylonitrile

Concen: 41.92 ug/l

RT: 6.96 min Scan# 464

Delta R.T. 0.05 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Tgt Ion: 41 Resp: 112238

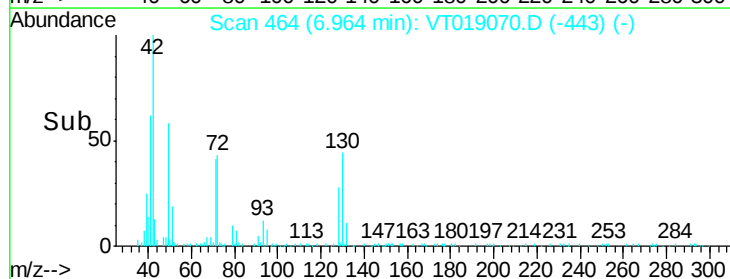
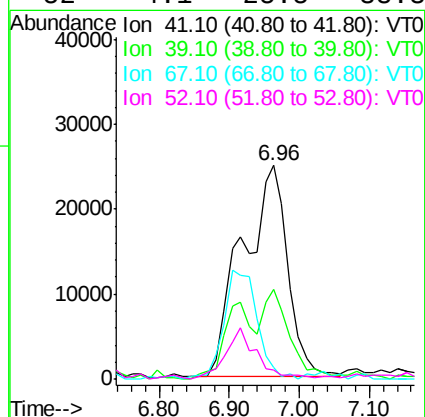
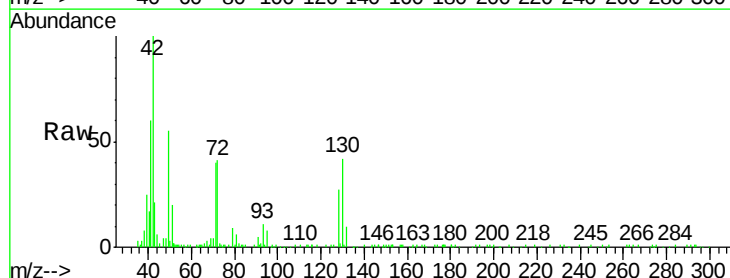
Ion Ratio Lower Upper

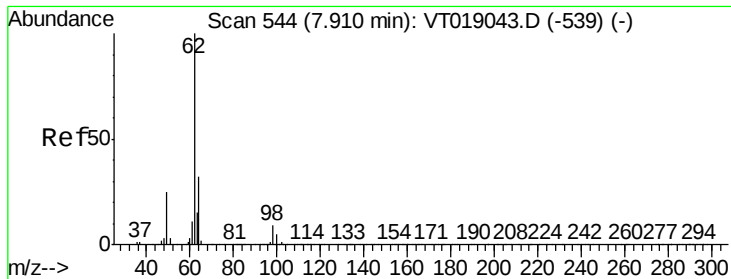
41 100

39 42.1 39.4 59.0

67 5.7 66.8 100.2#

52 4.1 25.5 38.3#





#41

1,2-Dichloroethane

Concen: 20.06 ug/l

RT: 7.91 min Scan# 544

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

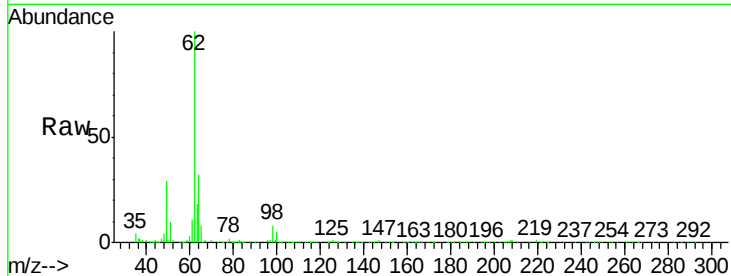
VT0510SBSD01

Tot Ion: 62 Resp: 214323

Ion Ratio Lower Upper

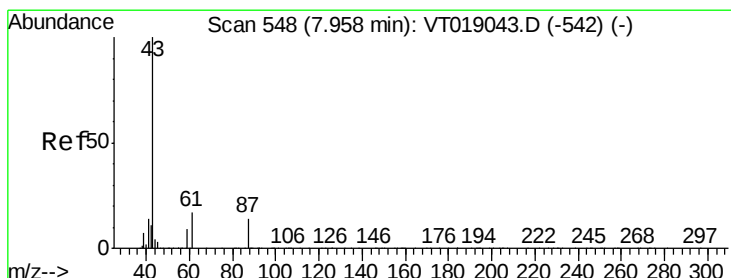
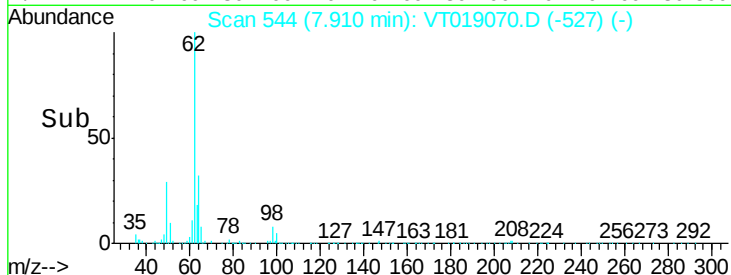
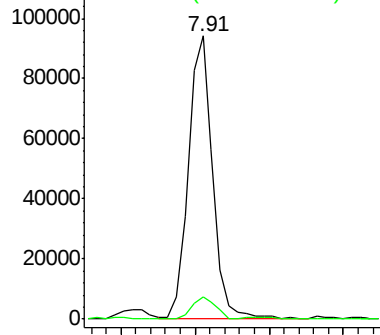
62 100

98 8.0 0.0 17.4



Abundance Ion 62.10 (61.80 to 62.80): VT0

Ion 98.00 (97.70 to 98.70): VT0



#42

Isopropyl Acetate

Concen: 17.76 ug/l

RT: 7.96 min Scan# 548

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

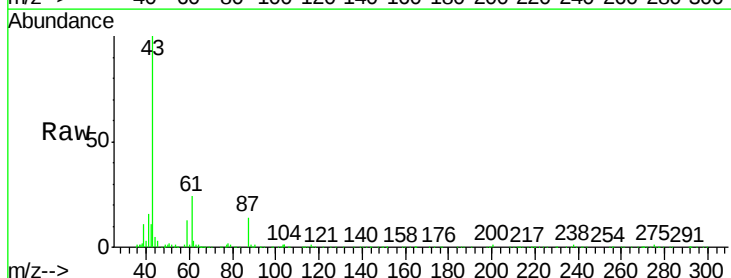
Tgt Ion: 43 Resp: 148334

Ion Ratio Lower Upper

43 100

61 23.6 17.9 26.9

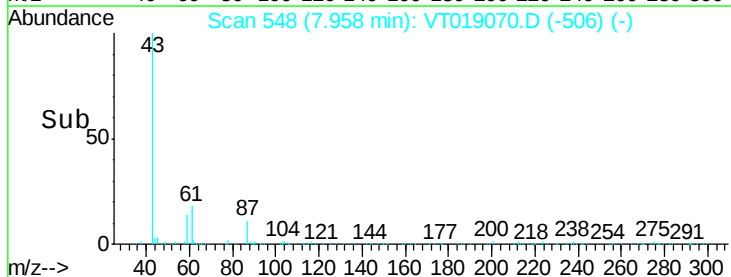
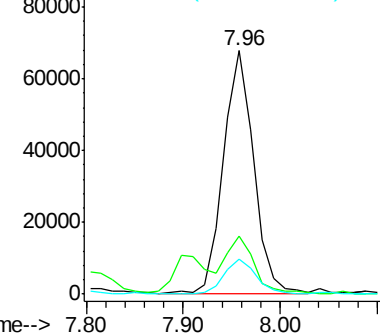
87 14.1 11.0 16.6

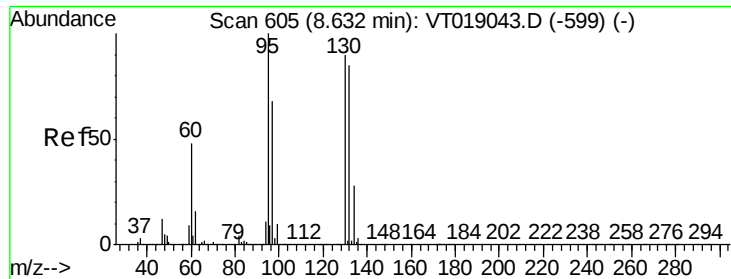


Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 61.10 (60.80 to 61.80): VT0

Ion 87.10 (86.80 to 87.80): VT0





#43

Trichloroethene

Concen: 20.15 ug/l

RT: 8.63 min Scan# 605

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

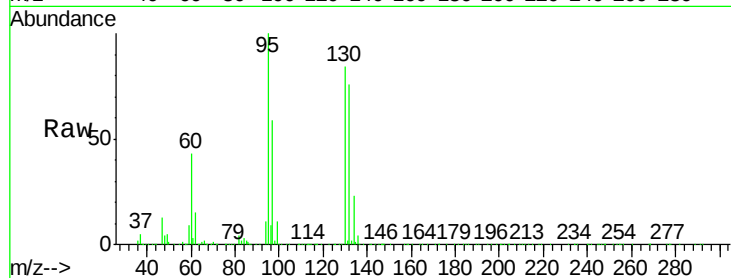
VT0510SBSD01

Tot Ion:130 Resp: 227889

Ion Ratio Lower Upper

130 100

95 118.8 0.0 222.6



Abundance Ion 129.90 (129.60 to 130.60): VT0

Ion 95.00 (94.70 to 95.70): VT0

8.63

150000

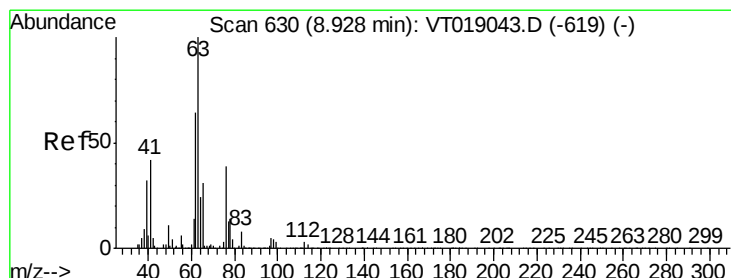
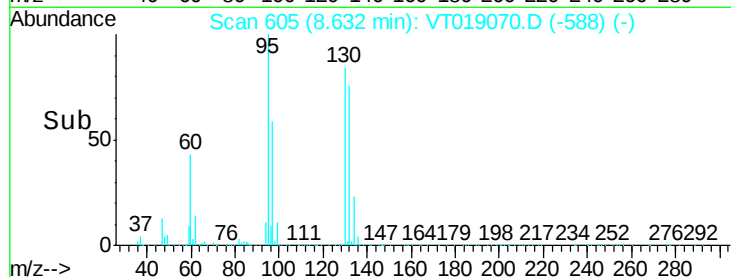
100000

50000

0

8.50 8.60 8.70 8.80

Time-->



#44

1,2-Dichloropropane

Concen: 22.10 ug/l

RT: 8.92 min Scan# 629

Delta R.T. -0.01 min

Lab File: VT019070.D

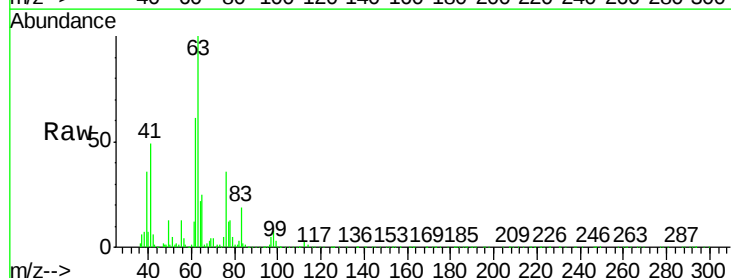
Acq: 10 May 2018 12:03

Tgt Ion: 63 Resp: 254849

Ion Ratio Lower Upper

63 100

65 24.8 25.0 37.4#



Abundance Ion 63.10 (62.80 to 63.80): VT0

Ion 65.10 (64.80 to 65.80): VT0

8.92

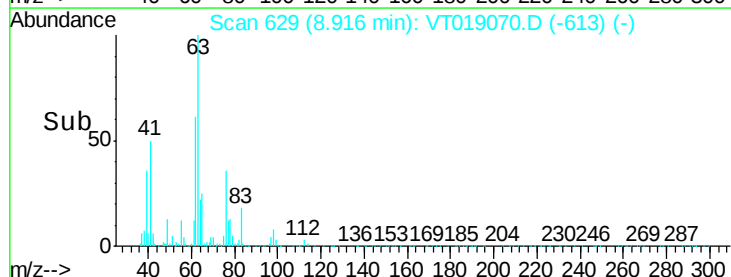
100000

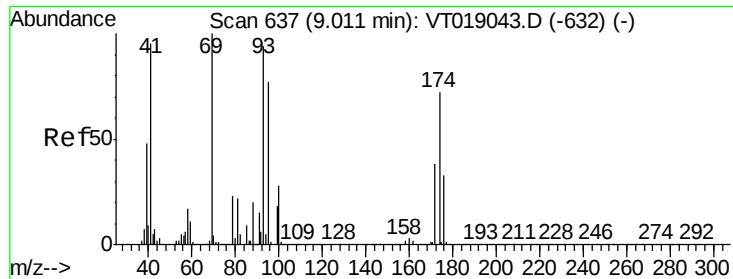
50000

0

8.70 8.80 8.90 9.00 9.10

Time-->

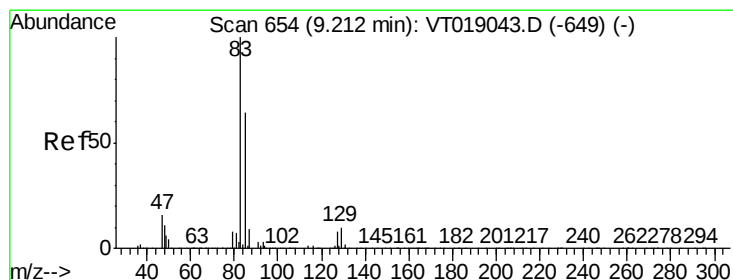
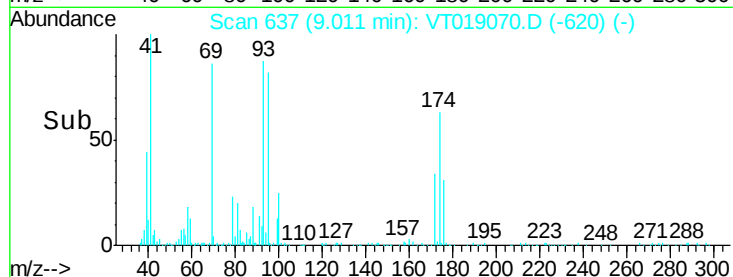
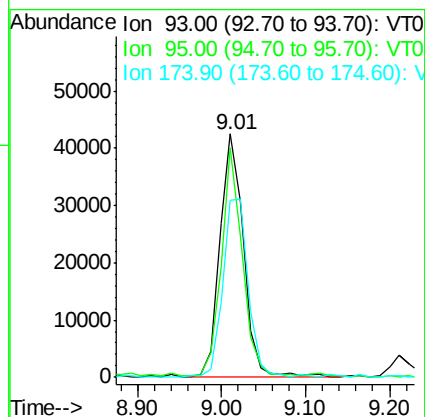
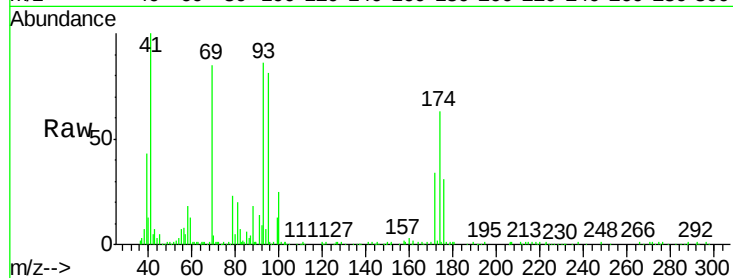




#45
Dibromomethane
Concen: 18.52 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

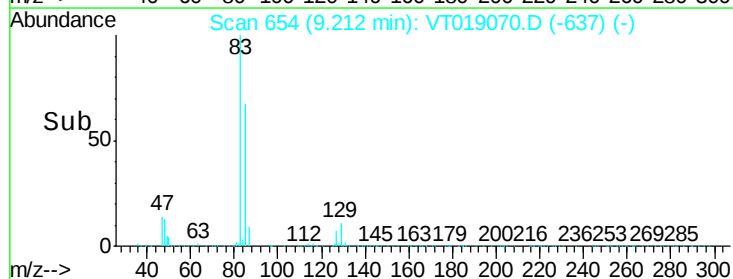
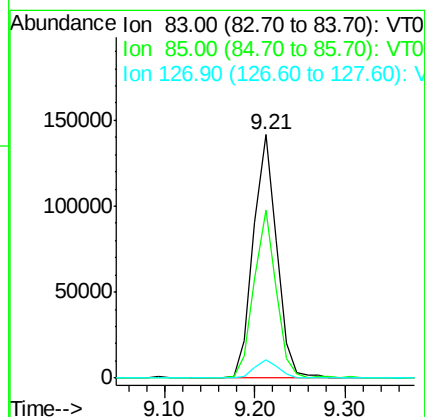
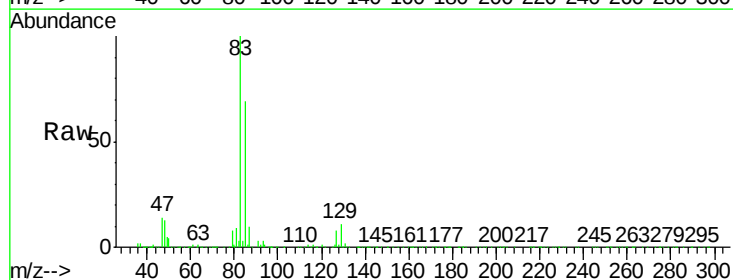
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

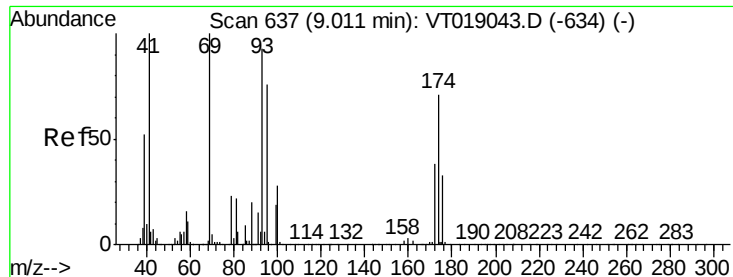
Tot Ion: 93 Resp: 83955
Ion Ratio Lower Upper
93 100
95 94.4 65.5 98.3
174 72.9 60.9 91.3



#46
Bromodichloromethane
Concen: 19.54 ug/l
RT: 9.21 min Scan# 654
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

Tgt Ion: 83 Resp: 257381
Ion Ratio Lower Upper
83 100
85 69.3 51.3 76.9
127 7.6 6.1 9.1

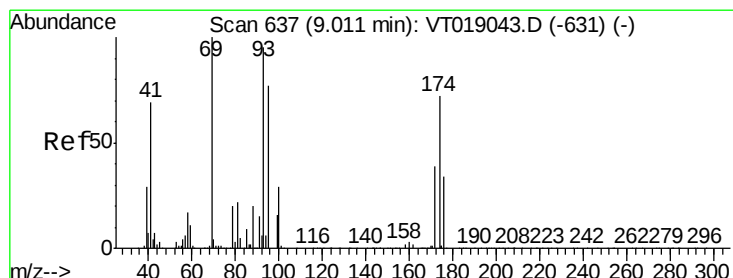
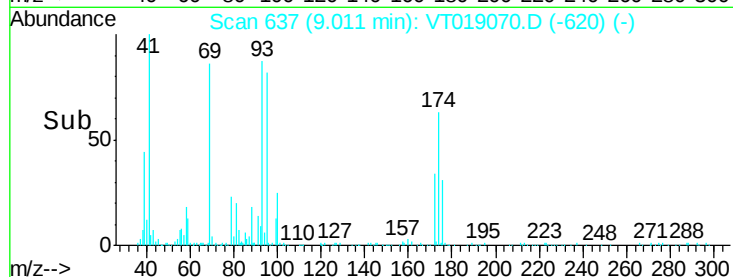
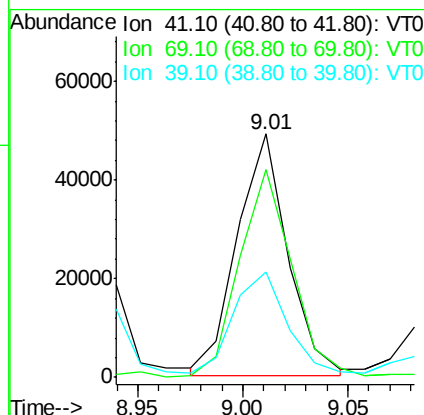
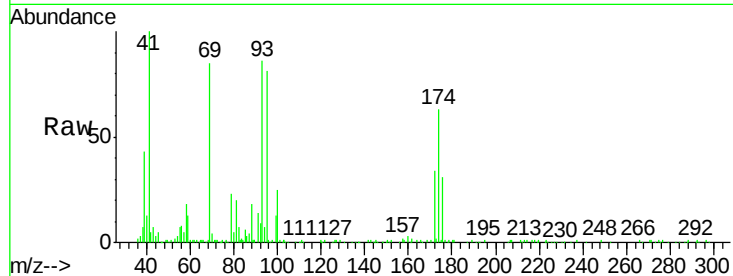




#47
Methvl methacrvlate
Concen: 19.20 ug/l
RT: 9.01 min Scan# 637
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

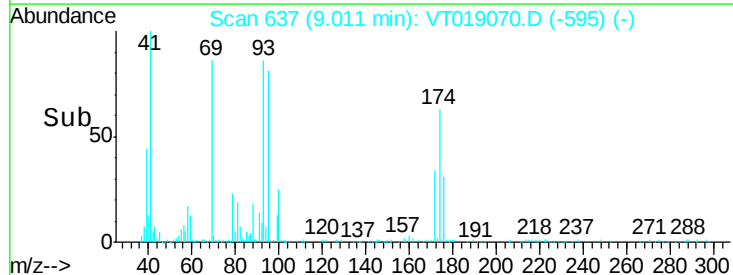
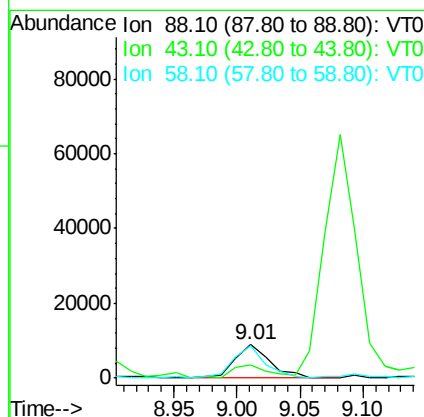
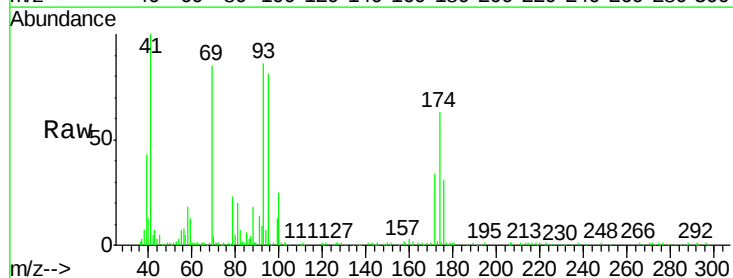
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBSD01

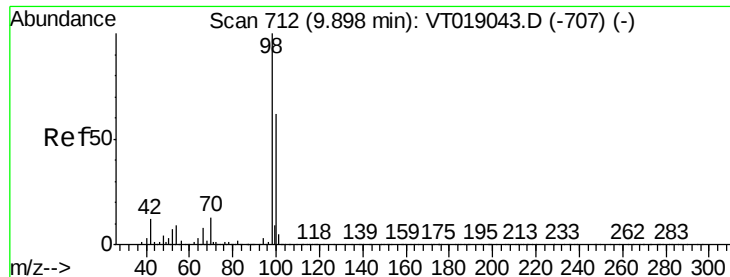
Tot Ion: 41 Resp: 82892
Ion Ratio Lower Upper
41 100
69 85.2 78.4 117.6
39 43.5 41.4 62.2



#48
1,4-Dioxane
Concen: 326.03 ug/l
RT: 9.01 min Scan# 637
Delta R.T. 0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

Tgt Ion: 88 Resp: 17386
Ion Ratio Lower Upper
88 100
43 37.2 30.5 45.7
58 91.1 67.5 101.3





#49

Toluene-d8

Concen: 52.19 ug/l

RT: 9.90 min Scan# 712

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

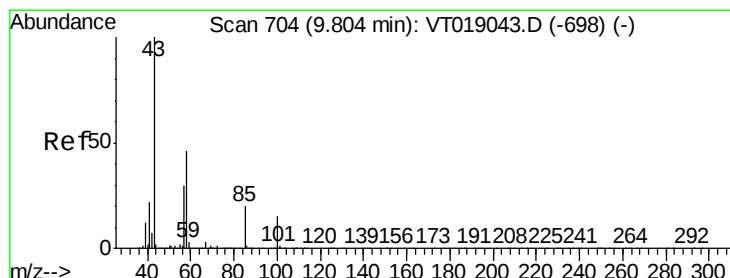
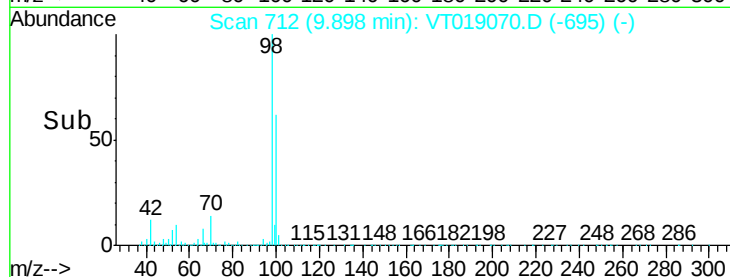
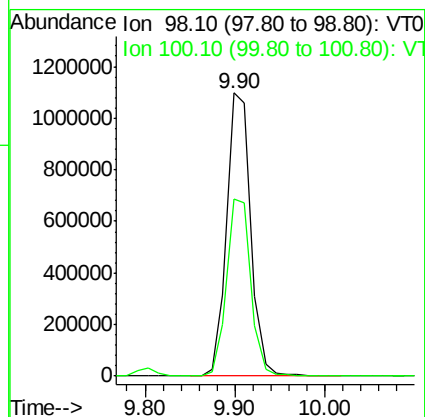
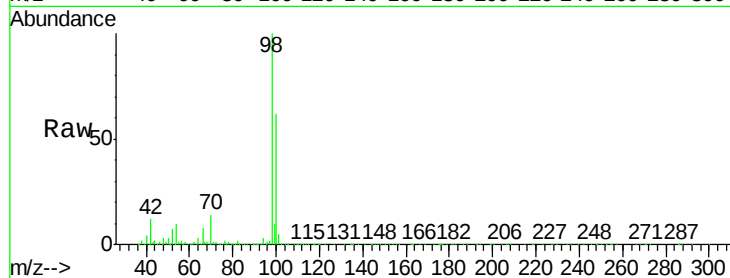
VT0510SBSD01

Tot Ion: 98 Resp: 2048273

Ion Ratio Lower Upper

98 100

100 62.4 50.0 75.0



#50

4-Methyl-2-Pentanone

Concen: 95.22 ug/l

RT: 9.80 min Scan# 704

Delta R.T. -0.00 min

Lab File: VT019070.D

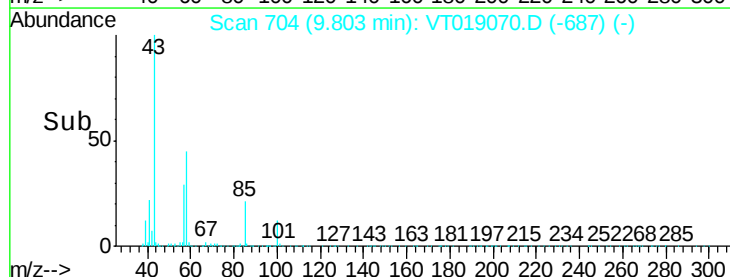
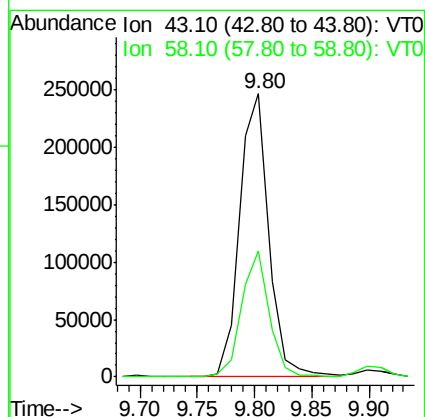
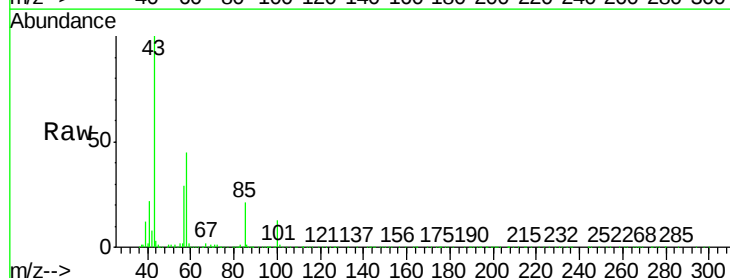
Acq: 10 May 2018 12:03

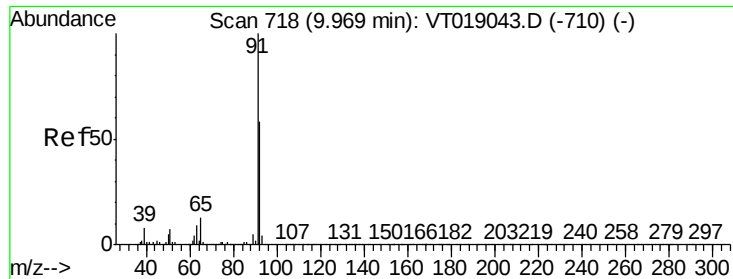
Tgt Ion: 43 Resp: 436191

Ion Ratio Lower Upper

43 100

58 44.6 36.6 54.8





#51

Toluene

Concen: 20.86 ug/l

RT: 9.97 min Scan# 718

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

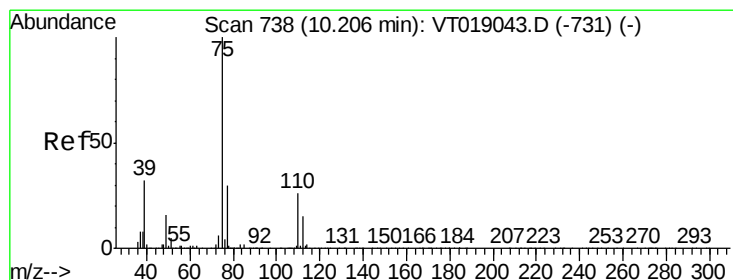
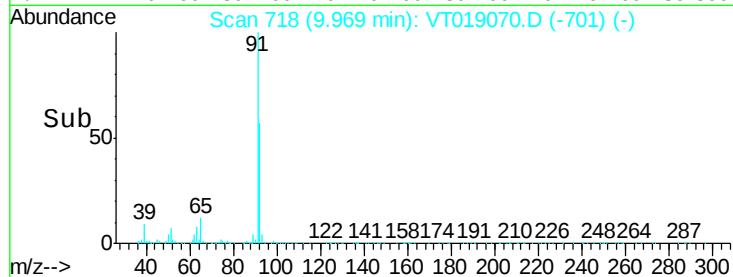
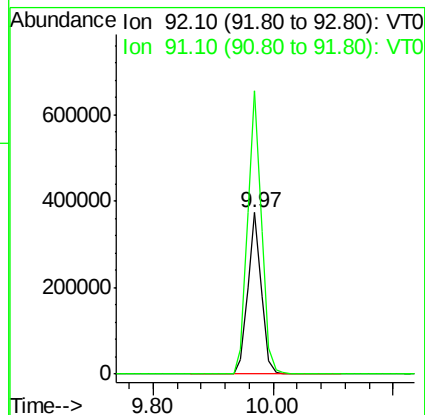
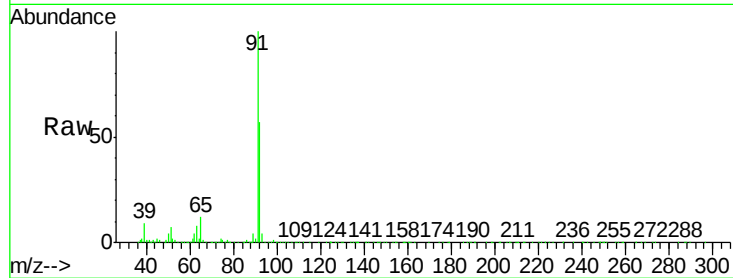
VT0510SBSD01

Tot Ion: 92 Resp: 592962

Ion Ratio Lower Upper

92 100

91 175.2 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 18.93 ug/l

RT: 10.21 min Scan# 738

Delta R.T. -0.00 min

Lab File: VT019070.D

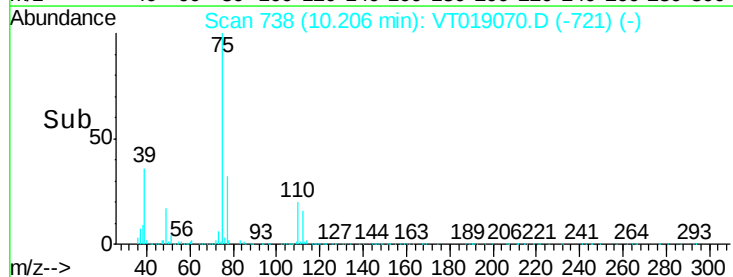
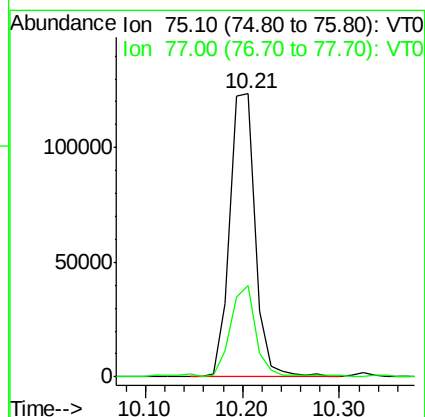
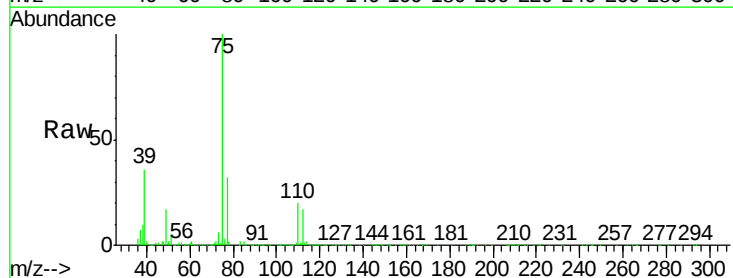
Acq: 10 May 2018 12:03

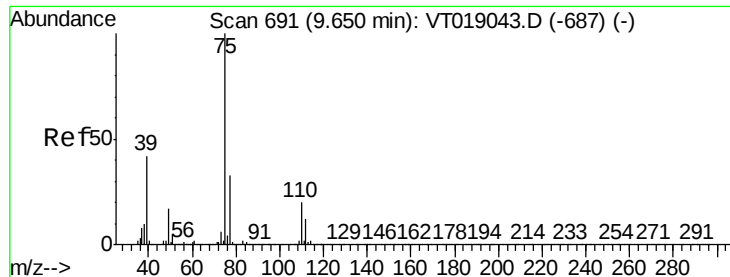
Tgt Ion: 75 Resp: 226752

Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8





#53

cis-1,3-Dichloropropene

Concen: 19.42 ug/l

RT: 9.65 min Scan# 691

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBSD01

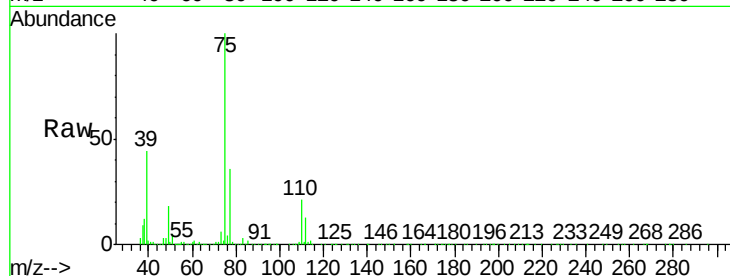
Tot Ion: 75 Resp: 296177

Ion Ratio Lower Upper

75 100

77 35.6 26.6 39.8

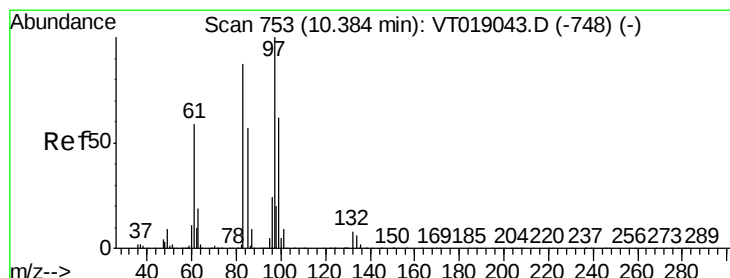
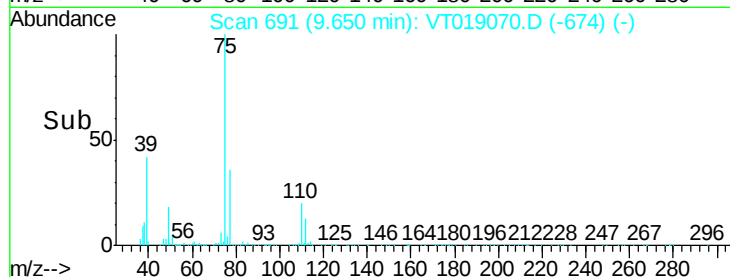
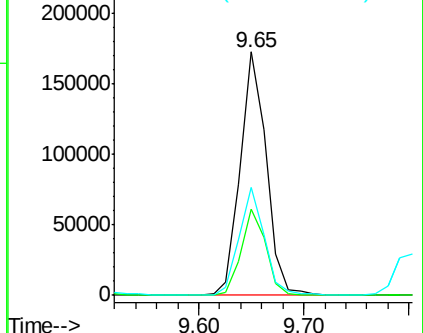
39 44.1 34.1 51.1



Abundance Ion 75.10 (74.80 to 75.80): VT0

Ion 77.00 (76.70 to 77.70): VT0

Ion 39.10 (38.80 to 39.80): VT0



#54

1,1,2-Trichloroethane

Concen: 18.96 ug/l

RT: 10.38 min Scan# 753

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Tgt Ion: 97 Resp: 130484

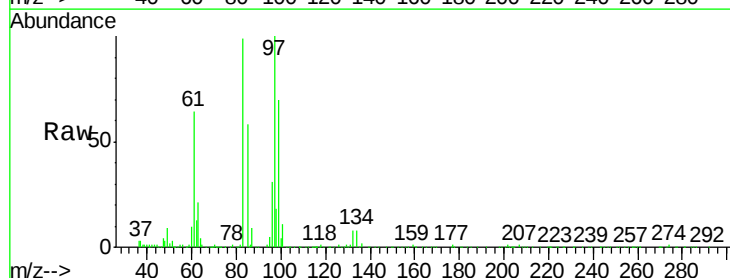
Ion Ratio Lower Upper

97 100

83 99.4 69.7 104.5

85 58.7 46.1 69.1

99 70.3 49.6 74.4

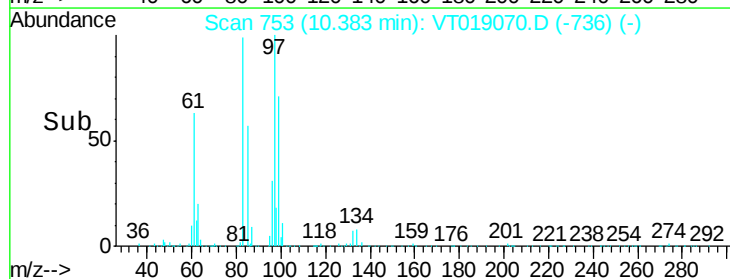
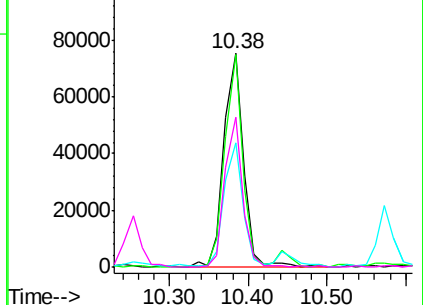


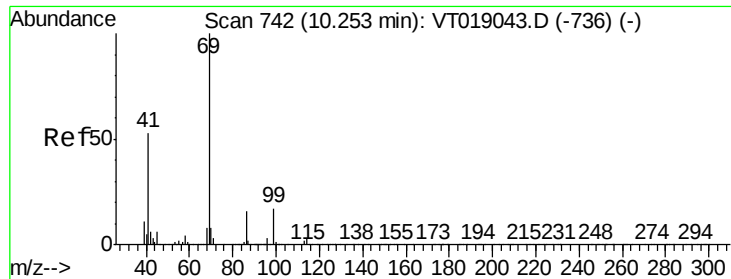
Abundance Ion 97.00 (96.70 to 97.70): VT0

Ion 83.00 (82.70 to 83.70): VT0

Ion 85.00 (84.70 to 85.70): VT0

Ion 99.00 (98.70 to 99.70): VT0





#55

Ethyl methacrylate

Concen: 17.65 ug/l

RT: 10.25 min Scan# 742

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBSD01

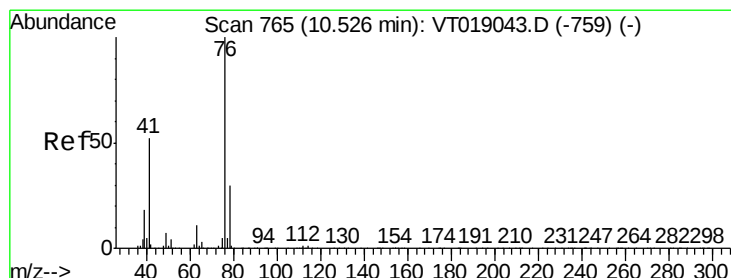
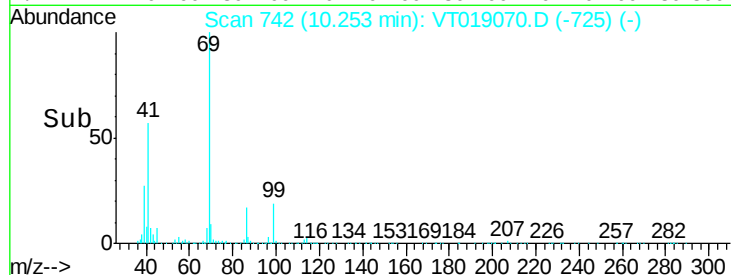
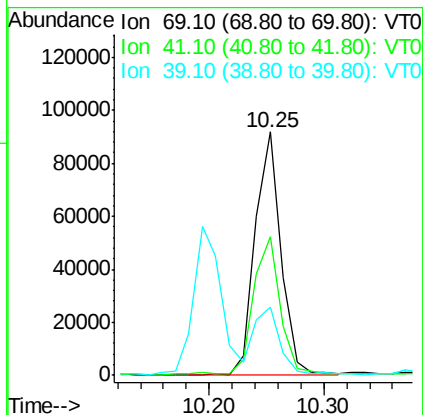
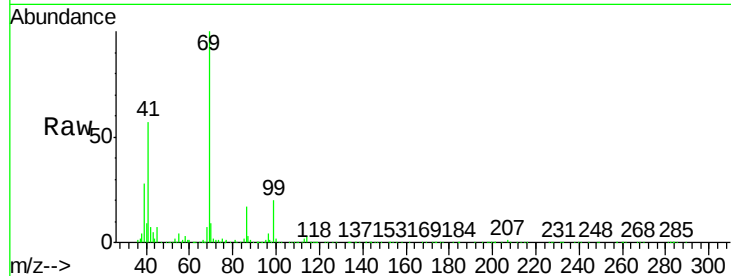
Tot Ion: 69 Resp: 145578

Ion Ratio Lower Upper

69 100

41 56.8 42.9 64.3

39 28.1 21.2 31.8



#56

1,3-Dichloropropane

Concen: 19.96 ug/l

RT: 10.53 min Scan# 765

Delta R.T. -0.00 min

Lab File: VT019070.D

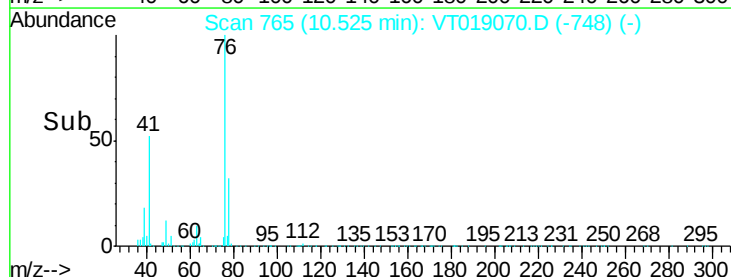
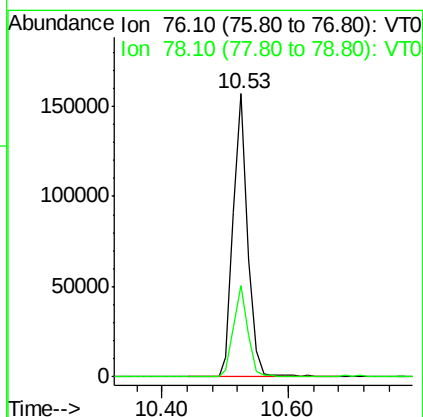
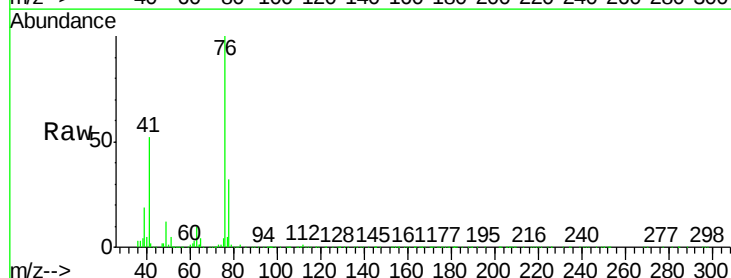
Acq: 10 May 2018 12:03

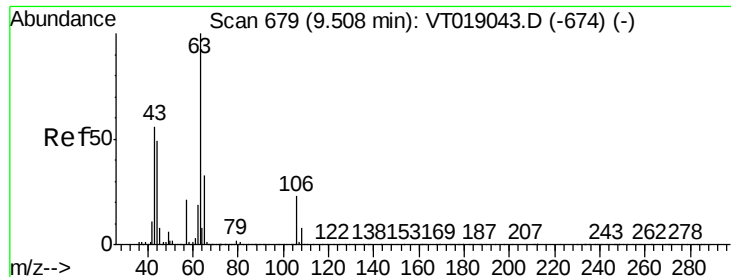
Tgt Ion: 76 Resp: 245819

Ion Ratio Lower Upper

76 100

78 32.3 24.1 36.1





#57

2-Chloroethyl Vinyl ether

Concen: 96.07 ug/l

RT: 9.51 min Scan# 679

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

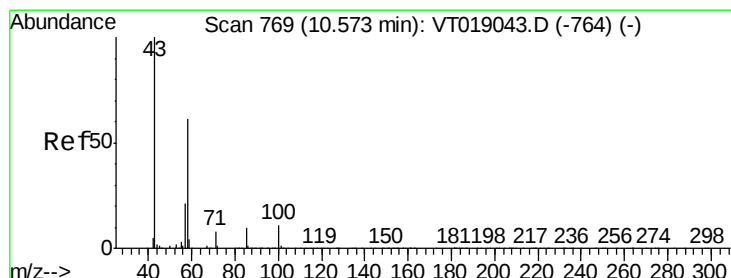
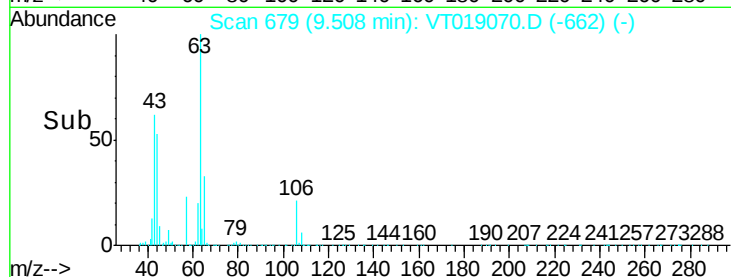
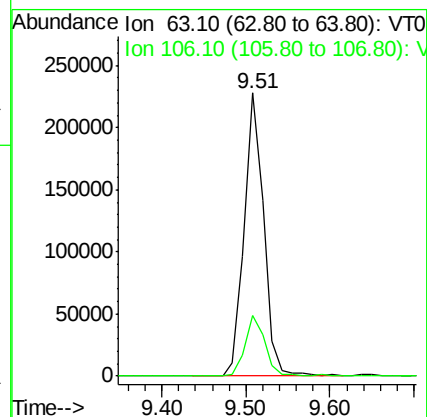
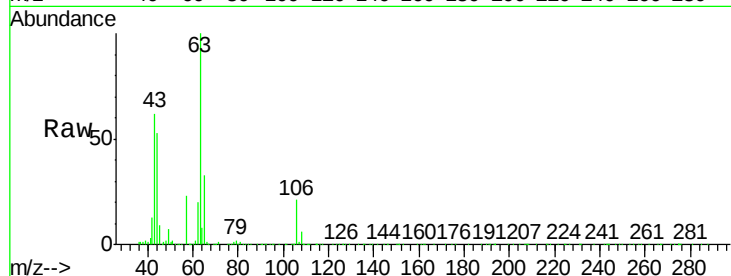
VT0510SBS01

Tot Ion: 63 Resp: 365051

Ion Ratio Lower Upper

63 100

106 21.3 18.7 28.1



#58

2-Hexanone

Concen: 99.73 ug/l

RT: 10.57 min Scan# 769

Delta R.T. -0.00 min

Lab File: VT019070.D

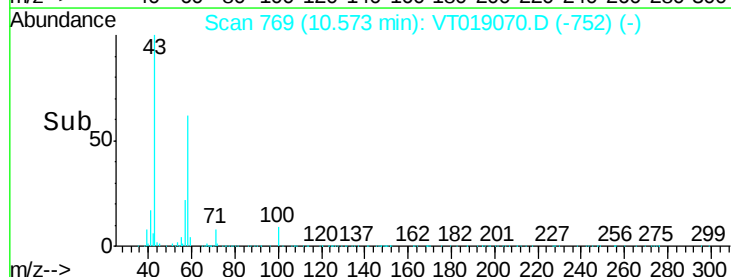
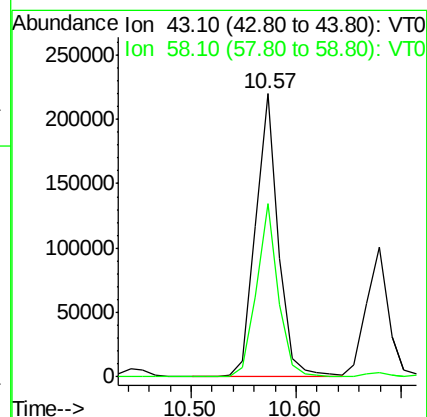
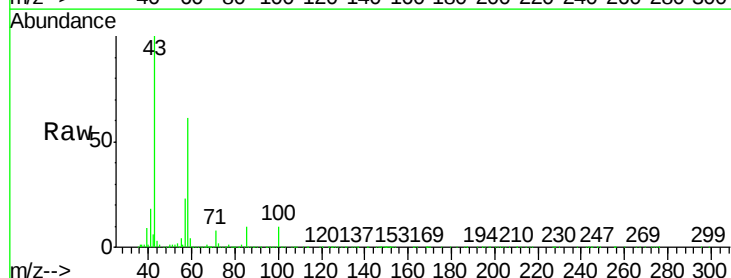
Acq: 10 May 2018 12:03

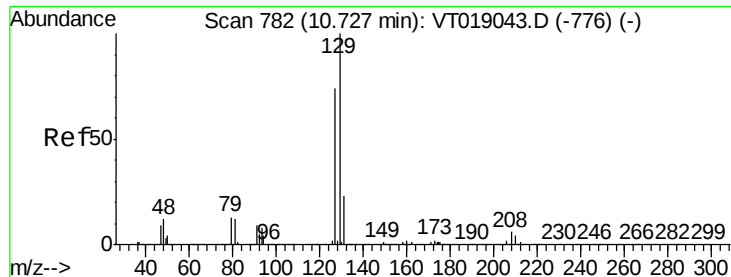
Tgt Ion: 43 Resp: 331253

Ion Ratio Lower Upper

43 100

58 61.1 30.6 92.0

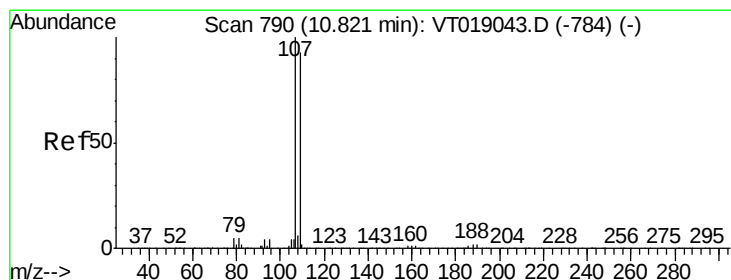
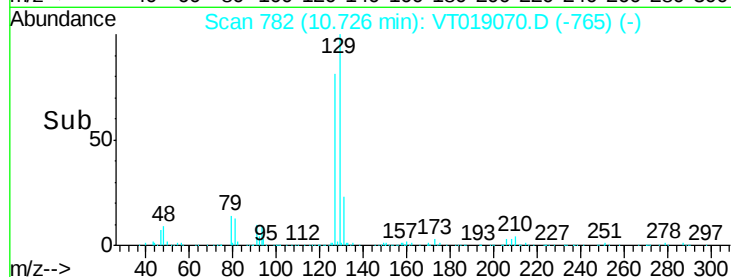
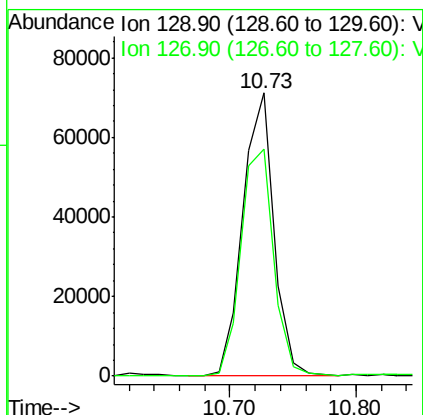
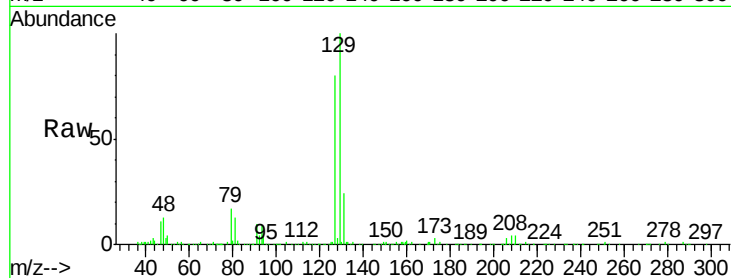




#59
Dibromochloromethane
Concen: 17.09 ug/l
RT: 10.73 min Scan# 782
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

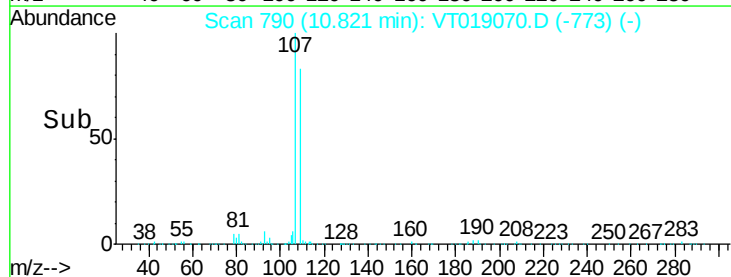
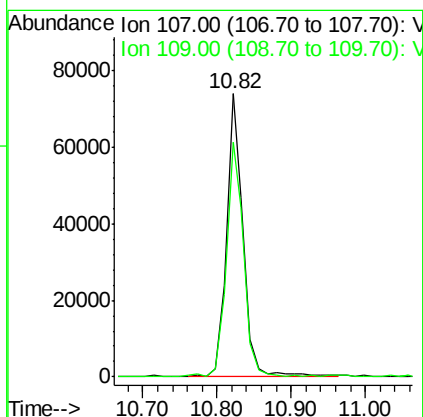
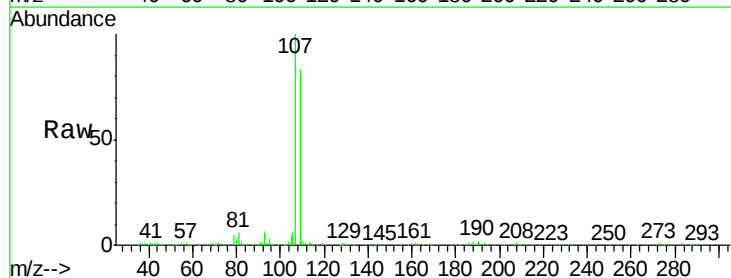
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBSD01

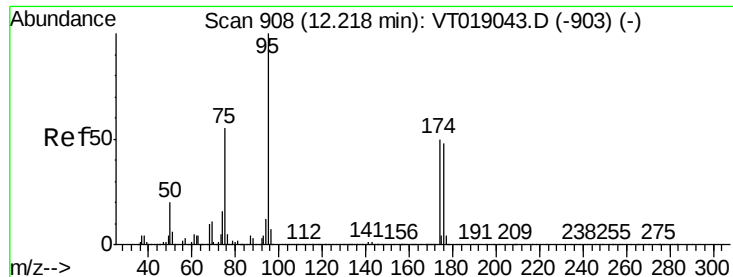
Tot Ion:129 Resp: 122319
Ion Ratio Lower Upper
129 100
127 80.4 37.3 111.8



#60
1,2-Dibromoethane
Concen: 19.68 ug/l
RT: 10.82 min Scan# 790
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

Tgt Ion:107 Resp: 117053
Ion Ratio Lower Upper
107 100
109 82.8 74.3 111.5

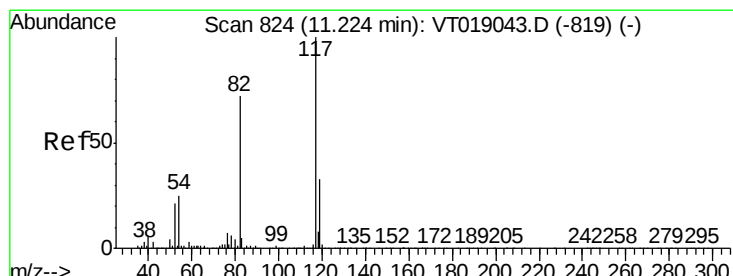
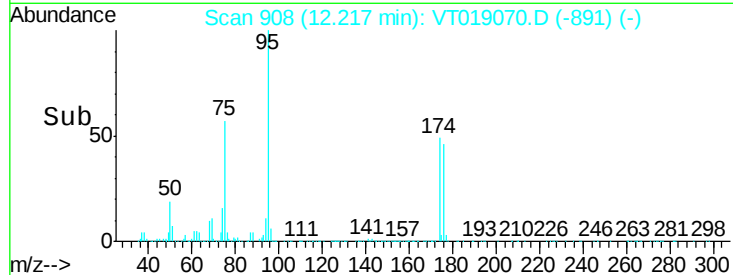
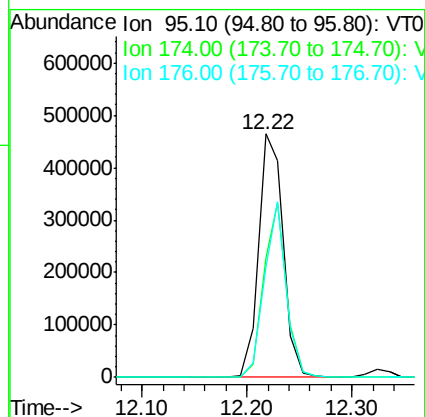
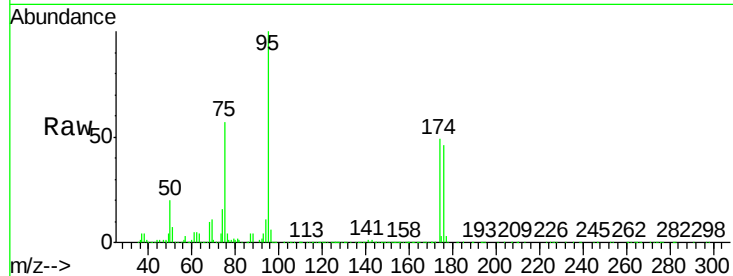




#61
4-Bromofluorobenzene
Concen: 51.38 ug/l
RT: 12.22 min Scan# 908
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

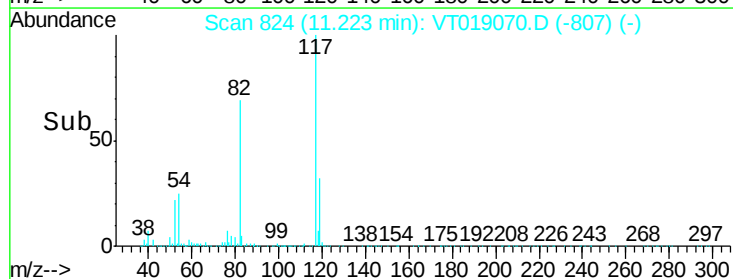
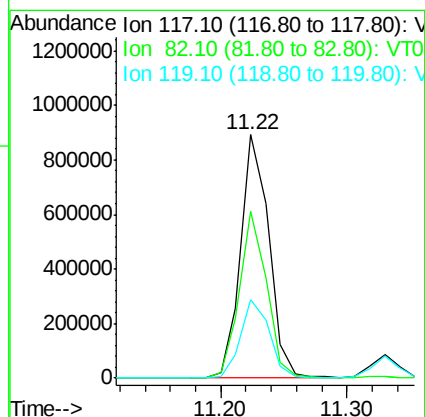
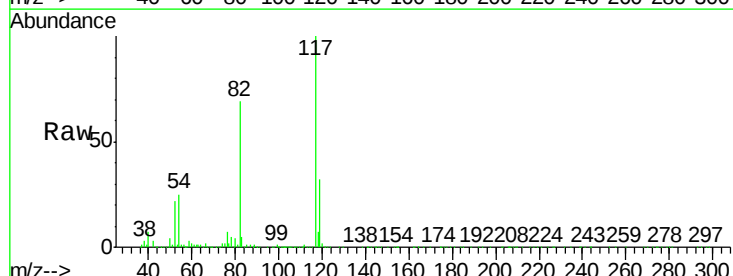
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

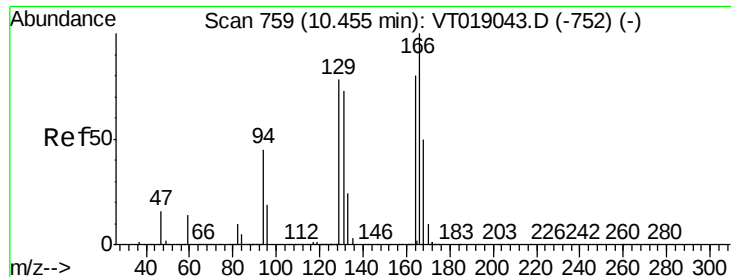
Tot Ion: 95 Resp: 759108
Ion Ratio Lower Upper
95 100
174 49.1 0.0 100.0
176 45.6 0.0 96.6



#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.22 min Scan# 824
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

Tgt Ion: 117 Resp: 1389831
Ion Ratio Lower Upper
117 100
82 68.7 57.6 86.4
119 32.5 26.6 40.0

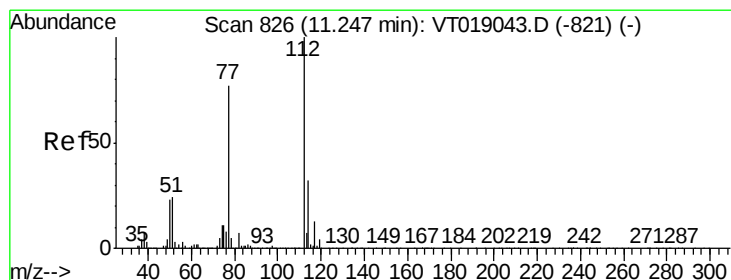
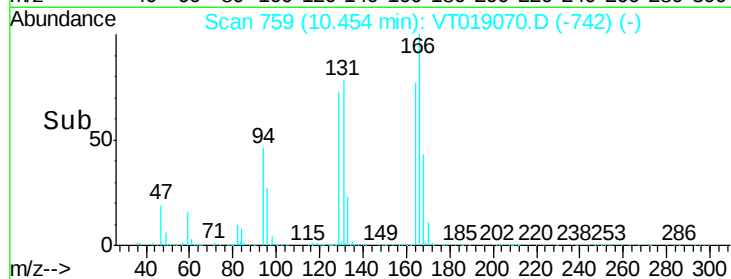
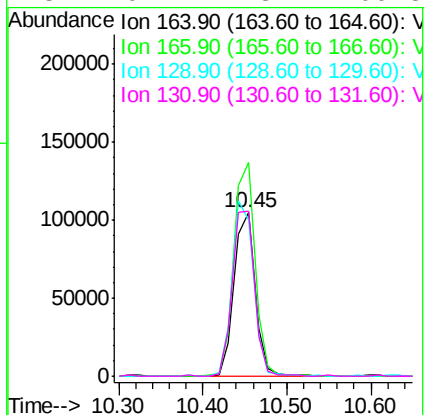
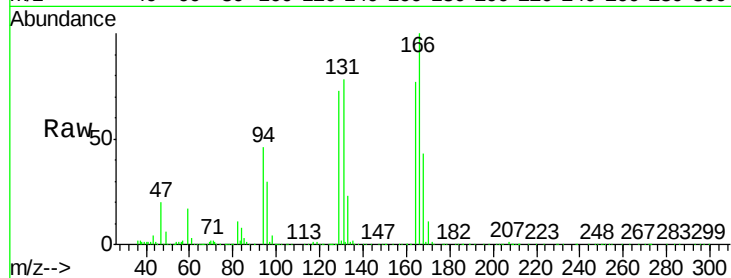




#63
Tetrachloroethene
Concen: 19.34 ug/l
RT: 10.45 min Scan# 759
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

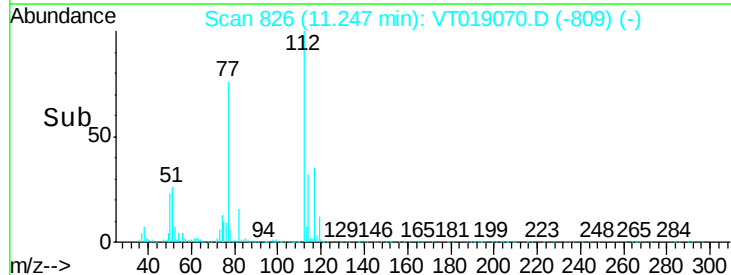
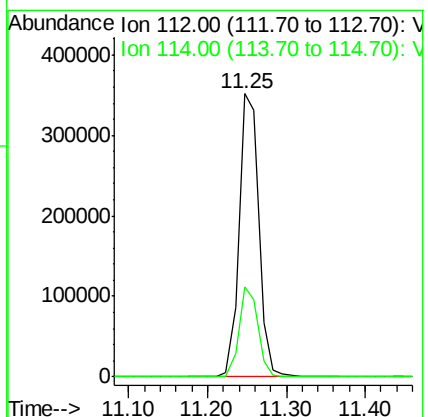
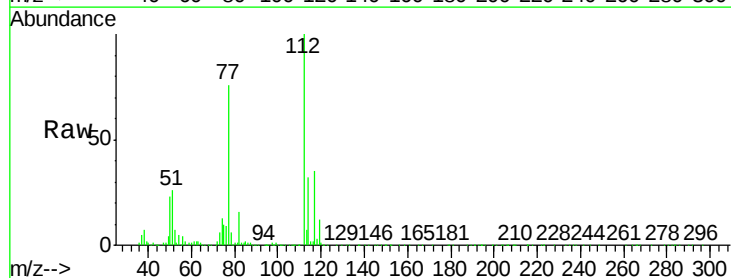
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

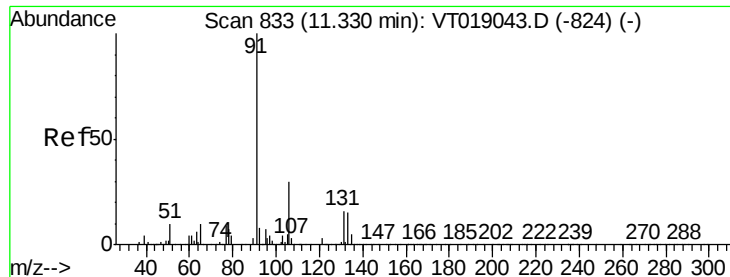
Tot Ion	Ratio	Lower	Upper
164	100		
166	130.4	100.6	151.0
129	95.1	78.1	117.1
131	101.2	73.2	109.8



#64
Chlorobenzene
Concen: 21.20 ug/l
RT: 11.25 min Scan# 826
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.5	38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.10 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

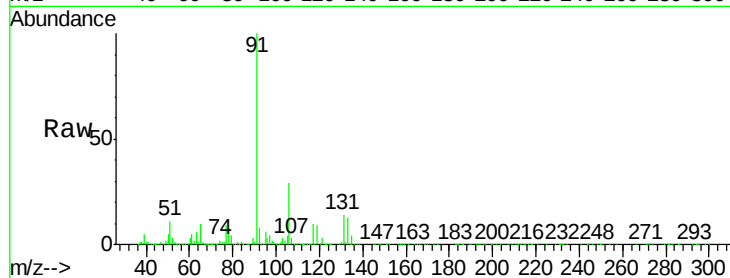
Tot Ion:131 Resp: 178500

Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

119 69.1 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

400000

300000

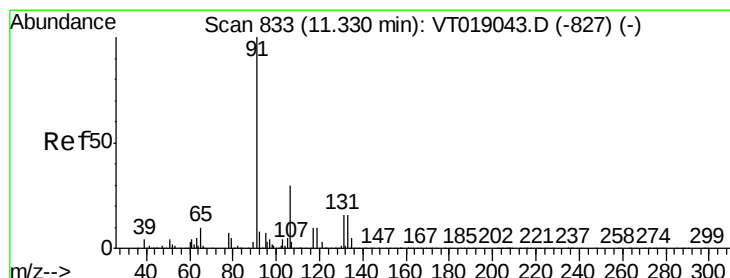
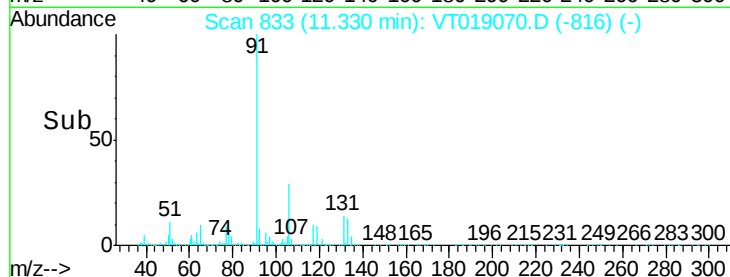
200000

100000

0

11.20 11.30 11.40 11.50

Time-->



#66

Ethyl Benzene

Concen: 22.81 ug/l

RT: 11.33 min Scan# 833

Delta R.T. -0.00 min

Lab File: VT019070.D

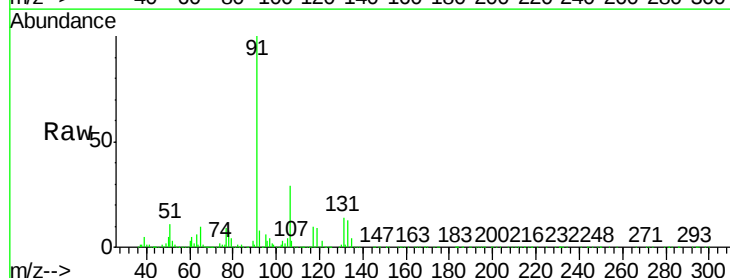
Acq: 10 May 2018 12:03

Tgt Ion: 91 Resp: 1259436

Ion Ratio Lower Upper

91 100

106 28.9 24.0 36.0



Abundance Ion 91.10 (90.80 to 91.80): VT0

Ion 106.10 (105.80 to 106.80): V

1000000

800000

600000

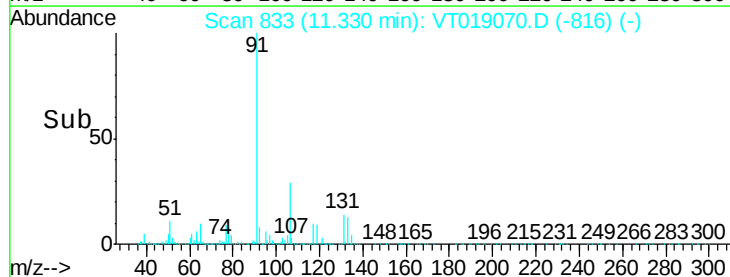
400000

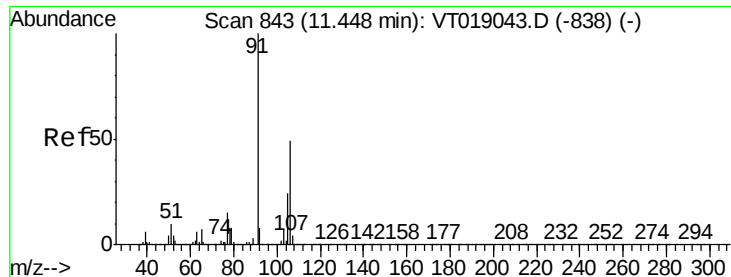
200000

0

11.25 11.30 11.35 11.40

Time-->





#67

m/p-Xvlenes

Concen: 43.18 ug/l

RT: 11.45 min Scan# 843

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

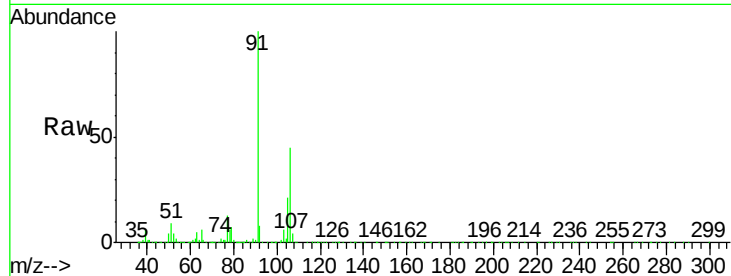
VT0510SBS01

Tot Ion:106 Resp: 886269

Ion Ratio Lower Upper

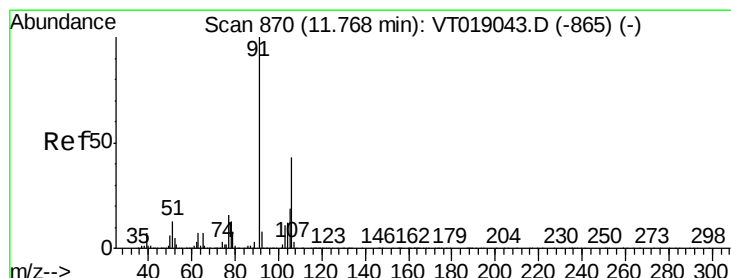
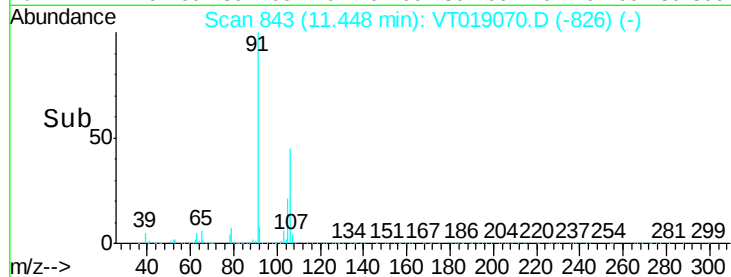
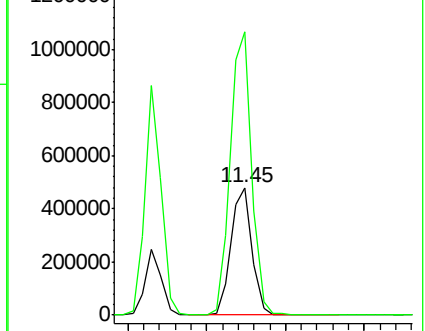
106 100

91 222.2 162.2 243.4



Abundance Ion 106.10 (105.80 to 106.80): V

Ion 91.10 (90.80 to 91.80): VT0



#68

o-Xylene

Concen: 21.16 ug/l

RT: 11.77 min Scan# 870

Delta R.T. -0.00 min

Lab File: VT019070.D

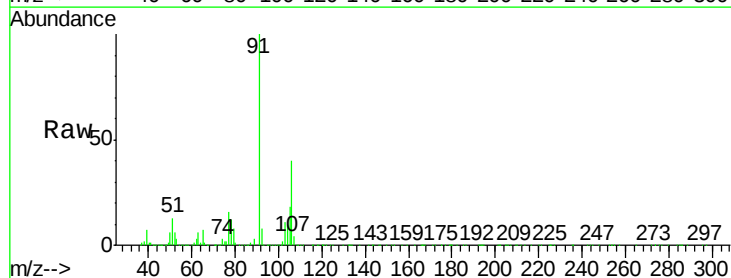
Acq: 10 May 2018 12:03

Tgt Ion:106 Resp: 407428

Ion Ratio Lower Upper

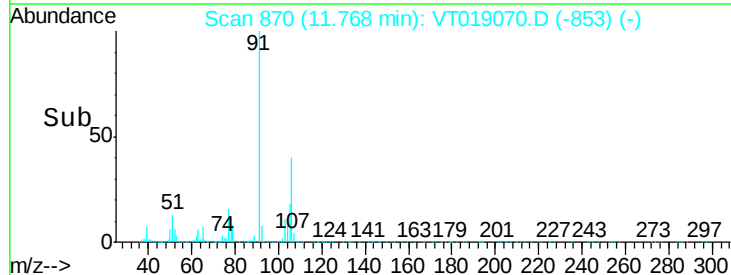
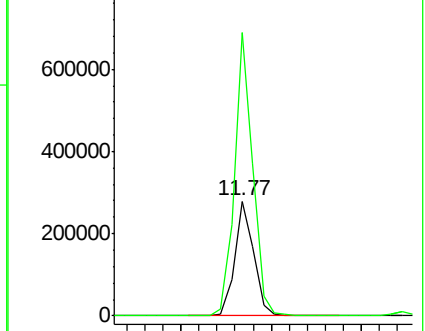
106 100

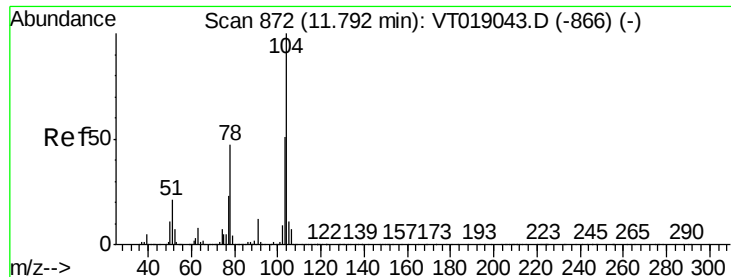
91 247.4 116.0 348.0



Abundance Ion 106.10 (105.80 to 106.80): V

Ion 91.10 (90.80 to 91.80): VT0

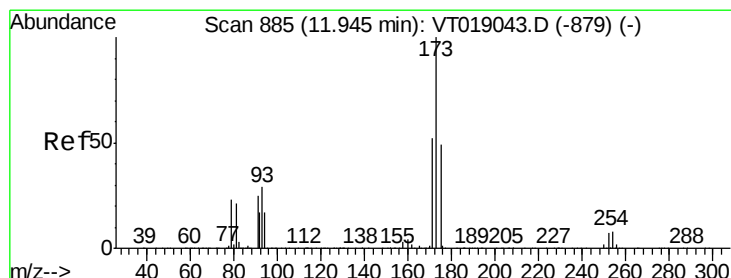
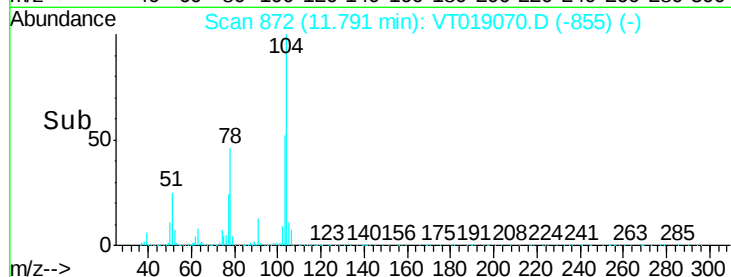
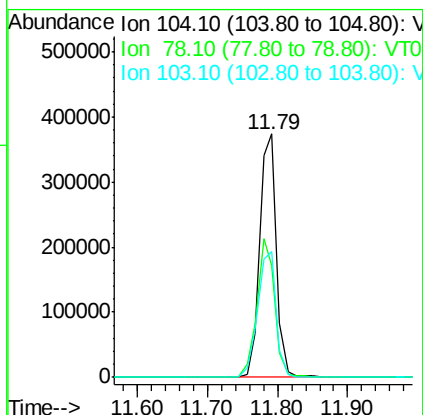
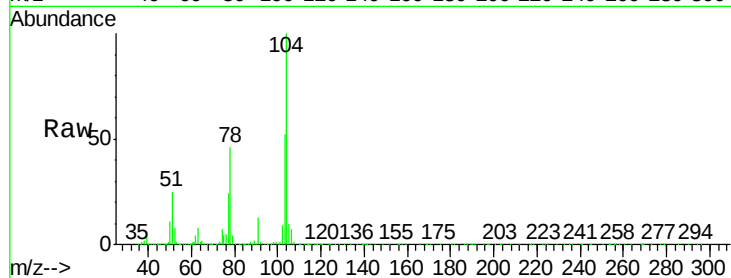




#69
Stvrene
Concen: 21.22 ug/l
RT: 11.79 min Scan# 872
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

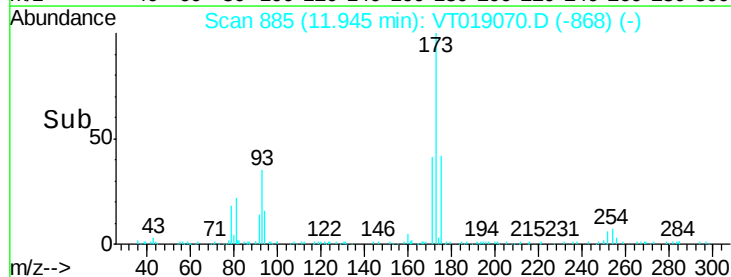
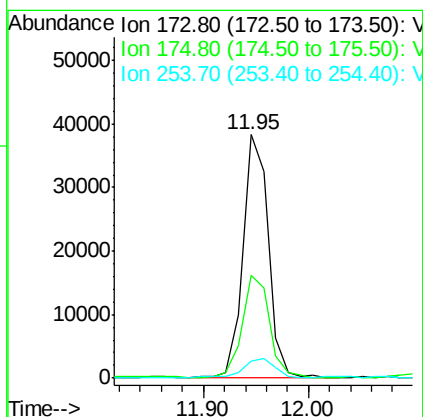
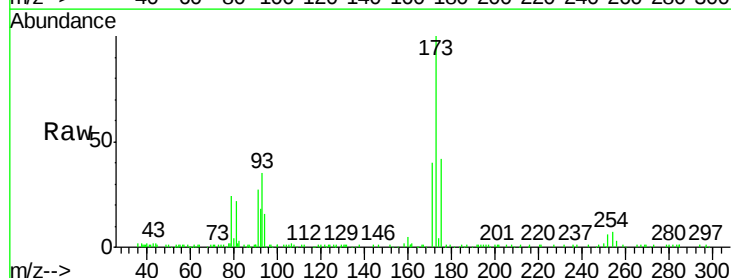
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBSD01

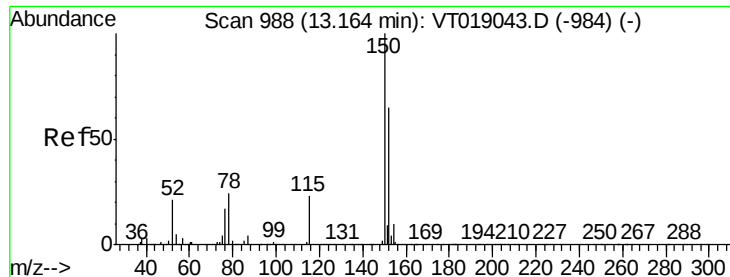
Tot Ion:104 Resp: 632732
Ion Ratio Lower Upper
104 100
78 45.9 38.0 57.0
103 51.7 40.6 61.0



#70
Bromoform
Concen: 18.05 ug/l
RT: 11.95 min Scan# 885
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

Tgt Ion:173 Resp: 64077
Ion Ratio Lower Upper
173 100
175 42.0 24.6 73.8
254 6.8 6.1 9.1





#71

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.16 min Scan# 988

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBS01

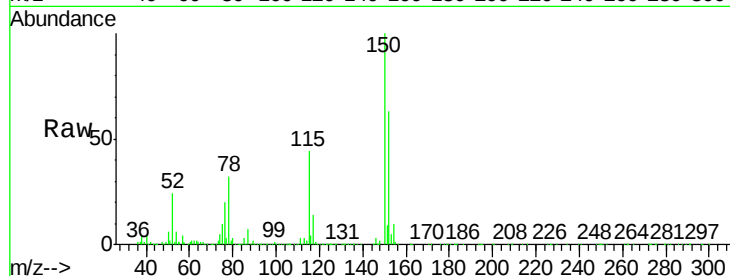
Tot Ion:152 Resp: 653709

Ion Ratio Lower Upper

152 100

115 70.3 34.2 102.6

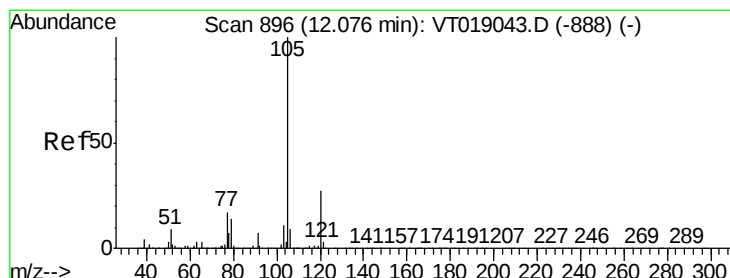
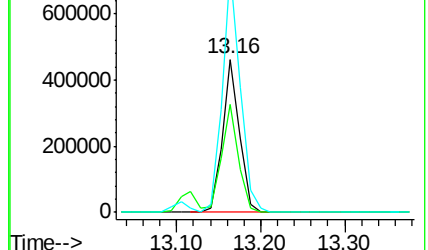
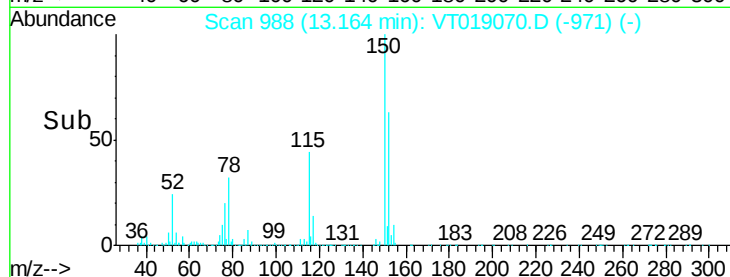
150 159.4 0.0 321.2



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: 23.35 ug/l

RT: 12.08 min Scan# 896

Delta R.T. -0.00 min

Lab File: VT019070.D

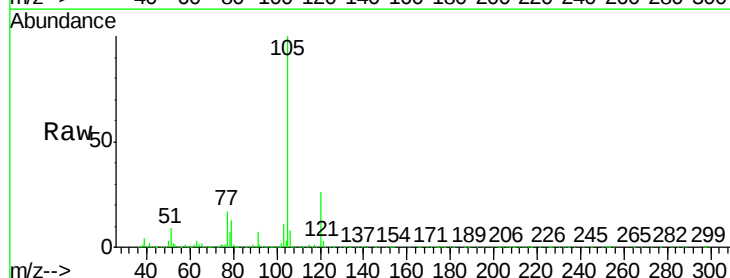
Acq: 10 May 2018 12:03

Tgt Ion:105 Resp: 1232578

Ion Ratio Lower Upper

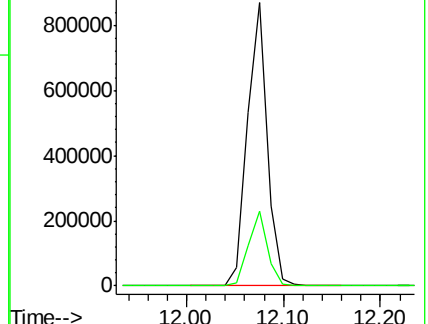
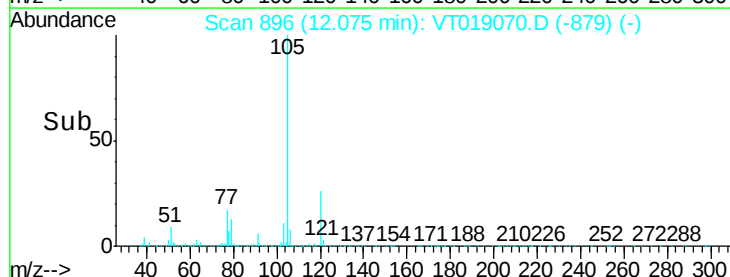
105 100

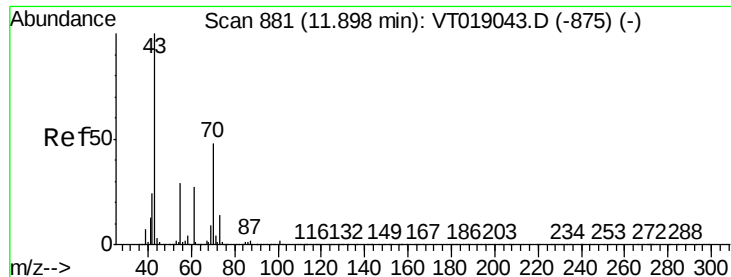
120 26.3 13.6 40.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.10 (119.80 to 120.80): V





#73

N-amvl acetate

Concen: 20.46 ug/l

RT: 11.90 min Scan# 881

Delta R.T. -0.00 min

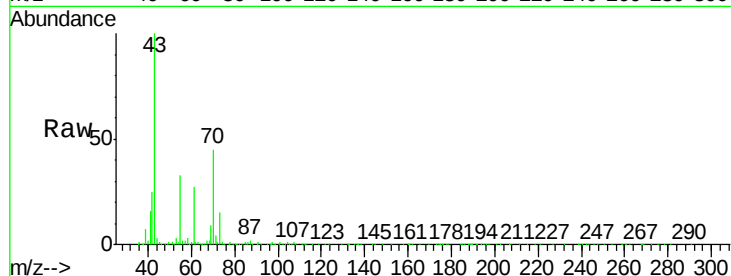
Lab File: VT019070.D

Acq: 10 May 2018 12:03

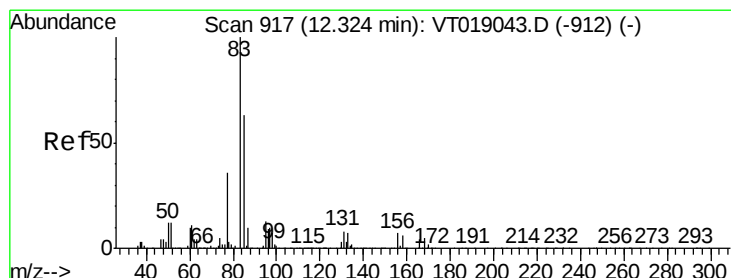
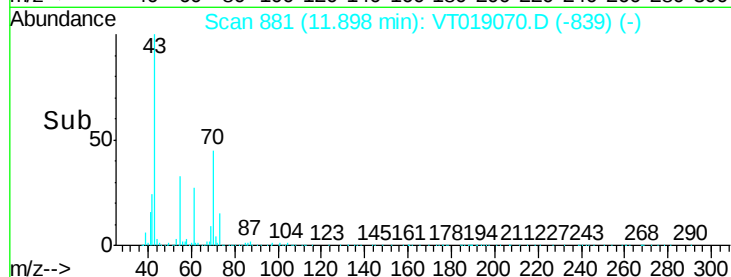
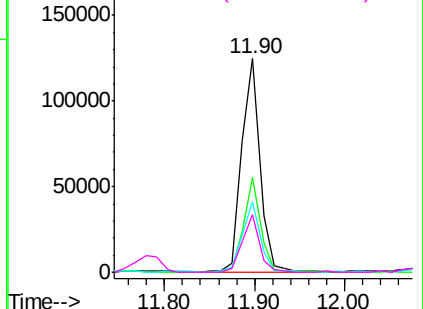
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBSD01

Tot Ion: 43 Resp: 178030

Ion	Ratio	Lower	Upper
43	100		
70	44.6	38.2	57.4
55	33.1	23.5	35.3
61	26.9	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: 19.38 ug/l

RT: 12.32 min Scan# 917

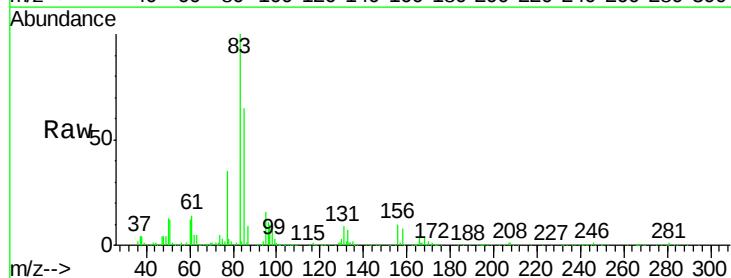
Delta R.T. -0.00 min

Lab File: VT019070.D

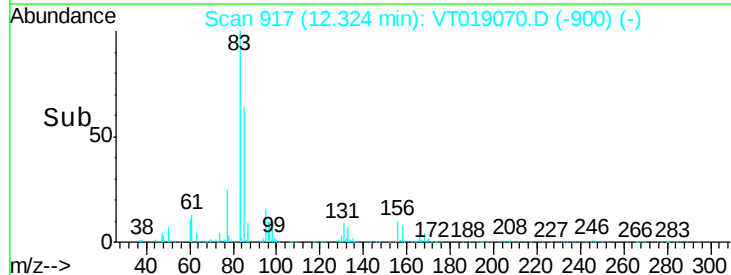
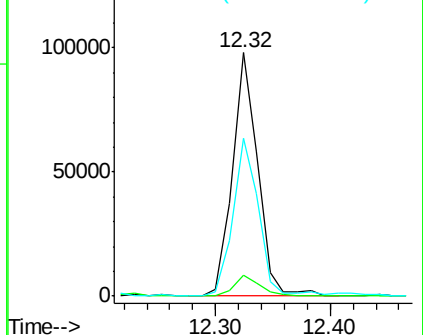
Acq: 10 May 2018 12:03

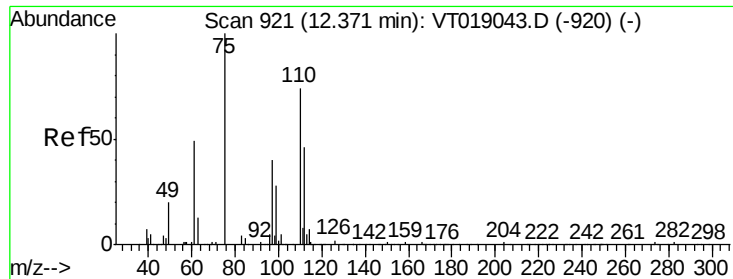
Tgt Ion: 83 Resp: 150525

Ion	Ratio	Lower	Upper
83	100		
131	8.6	4.0	12.2
85	64.7	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: 19.06 ug/l m

RT: 12.37 min Scan# 921

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

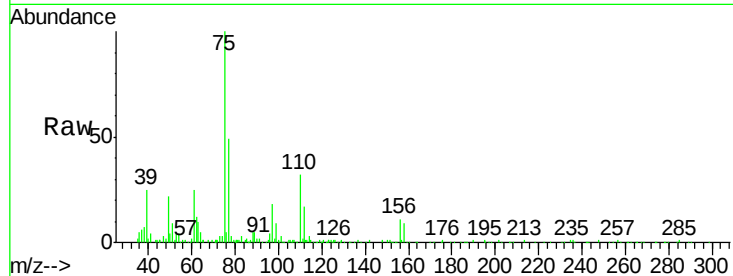
VT0510SBSD01

Tot Ion: 75 Resp: 105963

Ion Ratio Lower Upper

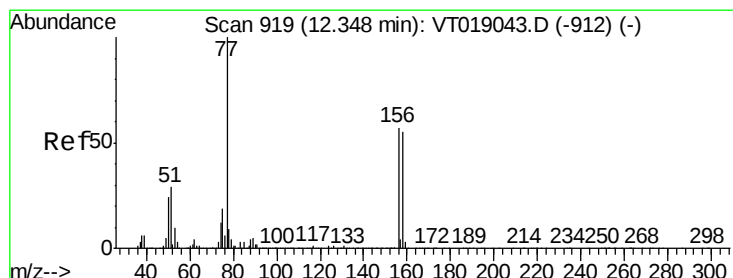
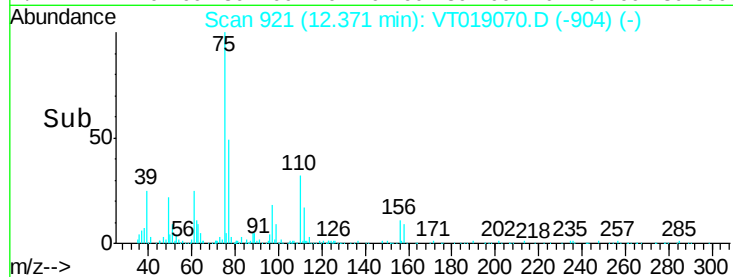
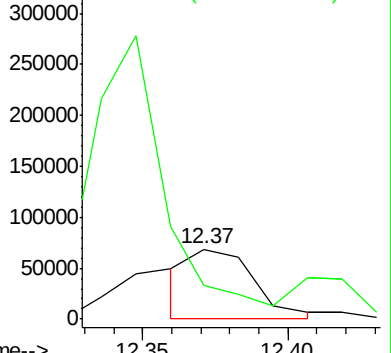
75 100

77 49.1 21.1 63.1



Abundance Ion 75.10 (74.80 to 75.80): VT0

Ion 77.10 (76.80 to 77.80): VT0



#76

Bromobenzene

Concen: 20.17 ug/l

RT: 12.35 min Scan# 919

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

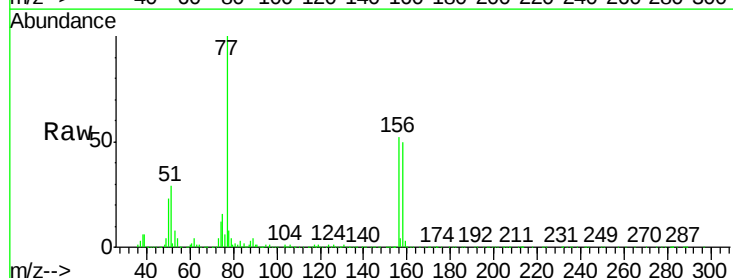
Tgt Ion: 156 Resp: 210854

Ion Ratio Lower Upper

156 100

77 190.5 87.8 263.4

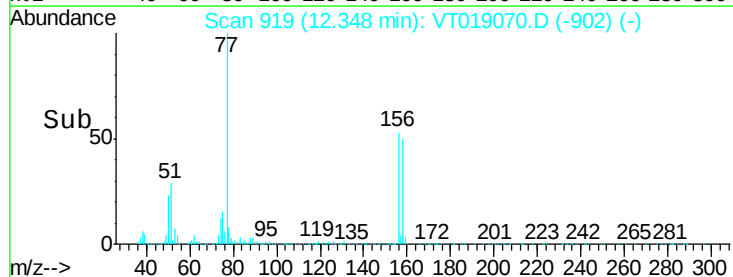
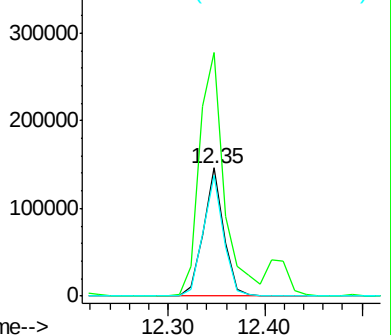
158 94.6 48.3 144.8

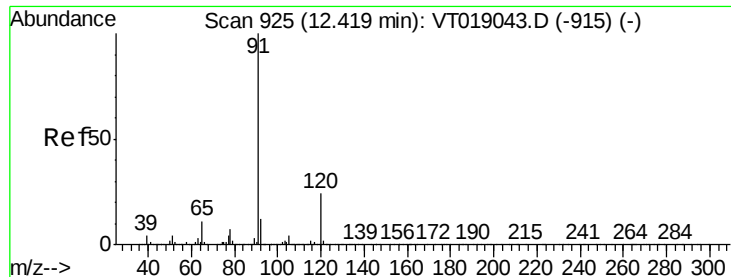


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.10 (76.80 to 77.80): VT0

Ion 158.00 (157.70 to 158.70): V





#77

n-propylbenzene

Concen: 21.15 ug/l

RT: 12.42 min Scan# 925

Delta R.T. 0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

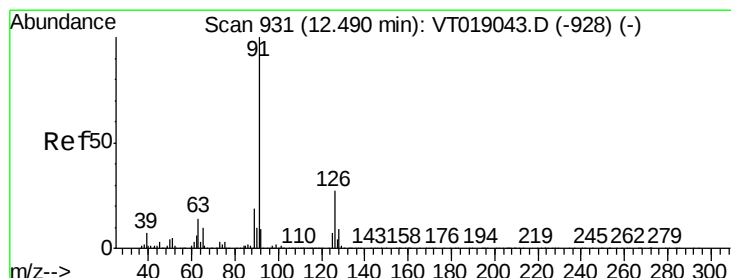
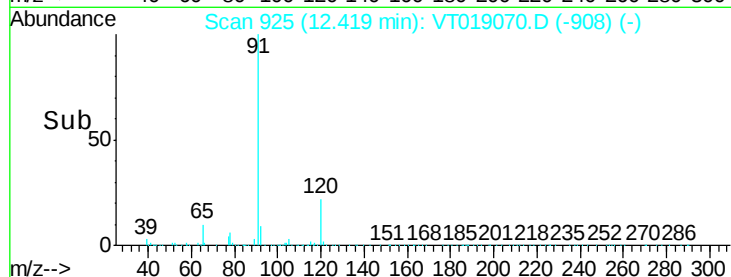
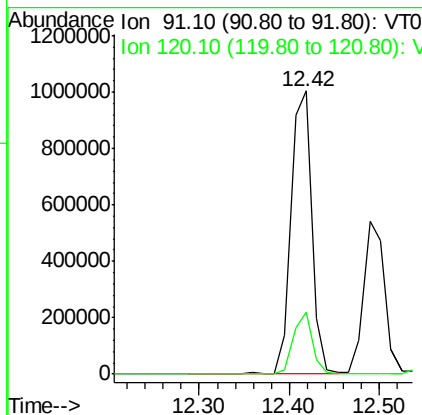
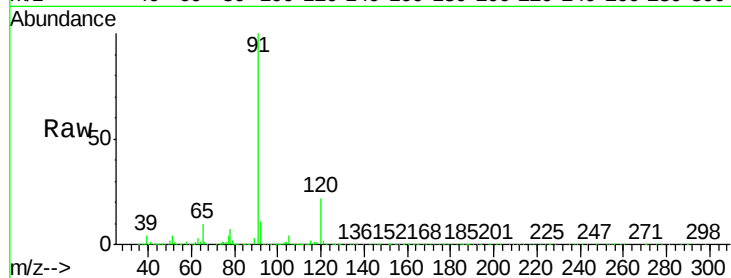
VT0510SBSD01

Tot Ion: 91 Resp: 1632508

Ion Ratio Lower Upper

91 100

120 21.7 12.0 36.1



#78

2-Chlorotoluene

Concen: 22.61 ug/l

RT: 12.49 min Scan# 931

Delta R.T. -0.00 min

Lab File: VT019070.D

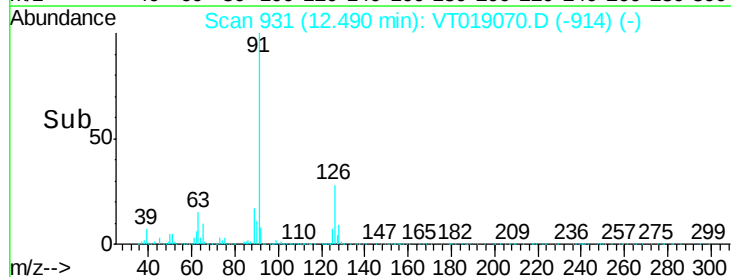
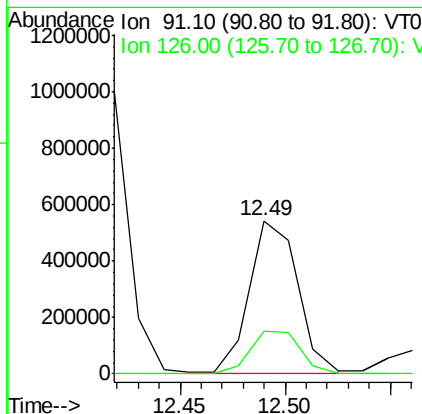
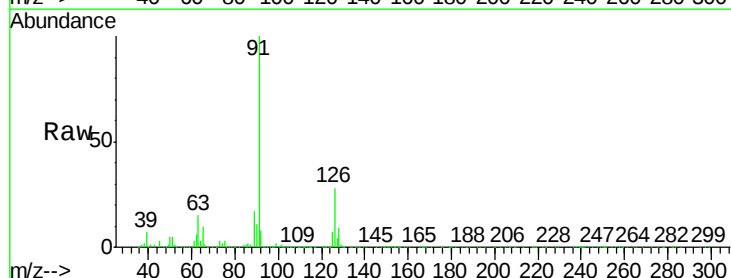
Acq: 10 May 2018 12:03

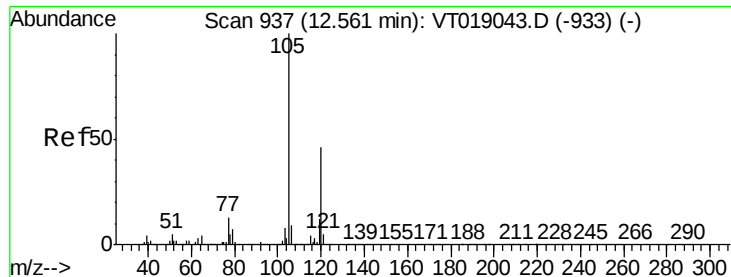
Tgt Ion: 91 Resp: 875693

Ion Ratio Lower Upper

91 100

126 27.6 13.5 40.5





#79

1,3,5-Trimethylbenzene

Concen: 23.66 ug/l

RT: 12.56 min Scan# 937

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

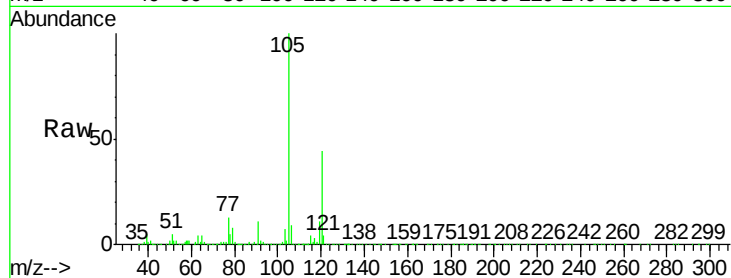
VT0510SBS01

Tot Ion:105 Resp: 1083966

Ion Ratio Lower Upper

105 100

120 44.5 23.2 69.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.10 (119.80 to 120.80): V

12.56

800000

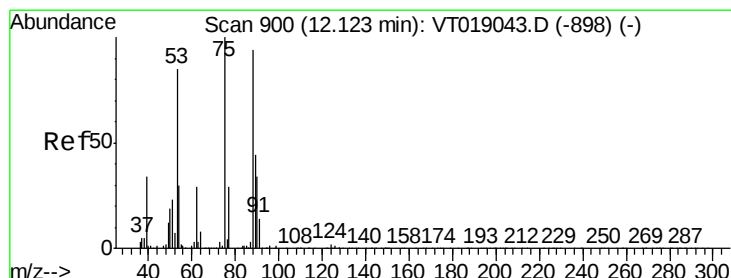
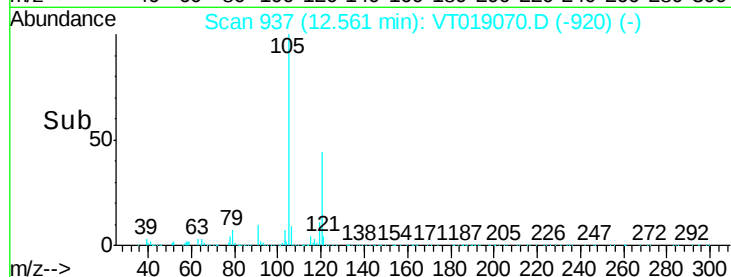
600000

400000

200000

0

Time--> 12.40 12.50 12.60 12.70



#80

trans-1,4-Dichloro-2-butene

Concen: 17.00 ug/l

RT: 12.12 min Scan# 900

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

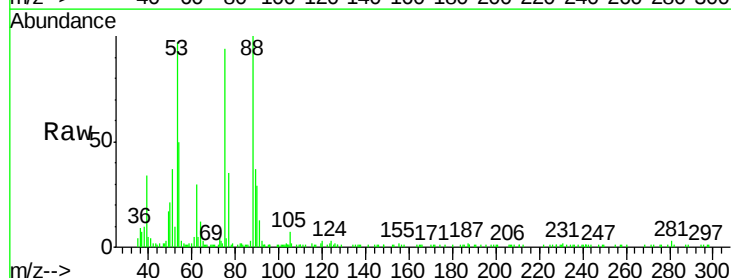
Tgt Ion: 75 Resp: 35543

Ion Ratio Lower Upper

75 100

53 103.6 70.8 106.2

89 38.9 35.8 53.8



Abundance Ion 75.10 (74.80 to 75.80): VT0

Ion 53.10 (52.80 to 53.80): VT0

Ion 89.00 (88.70 to 89.70): VT0

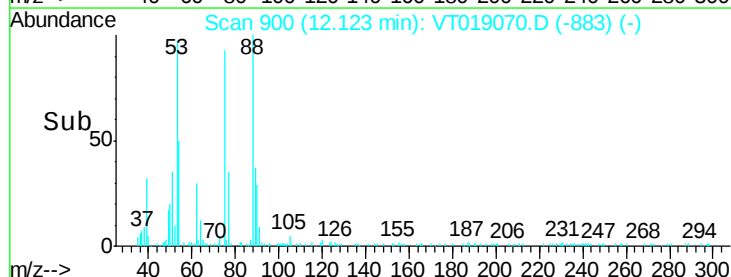
60000

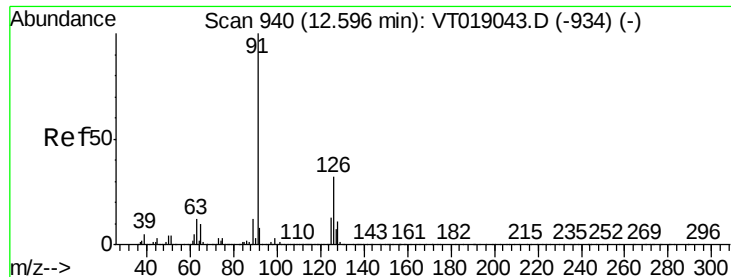
40000

20000

0

Time--> 12.10 12.15

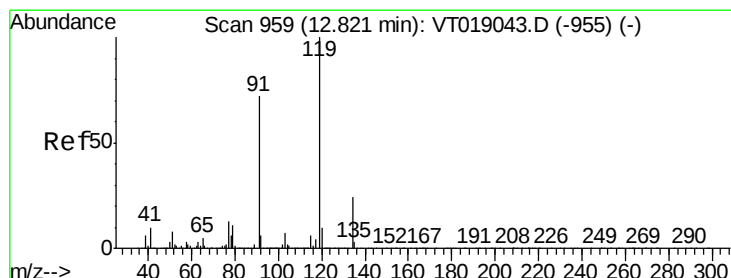
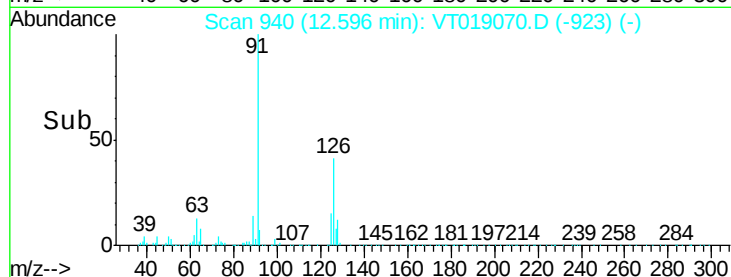
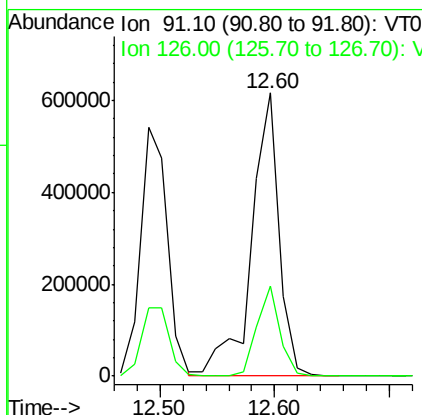
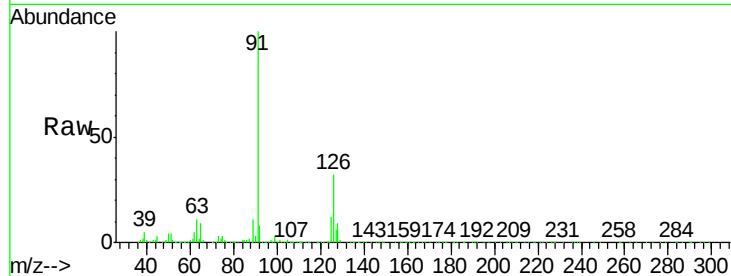




#81
4-Chlorotoluene
Concen: 22.00 ug/l
RT: 12.60 min Scan# 940
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

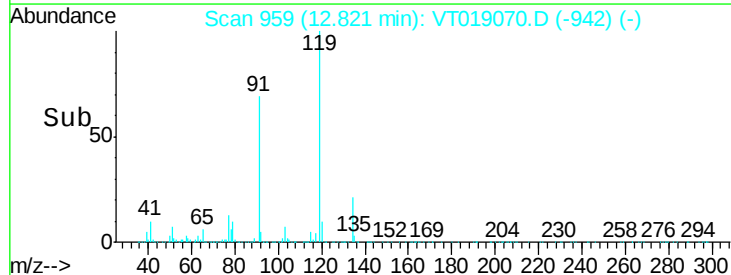
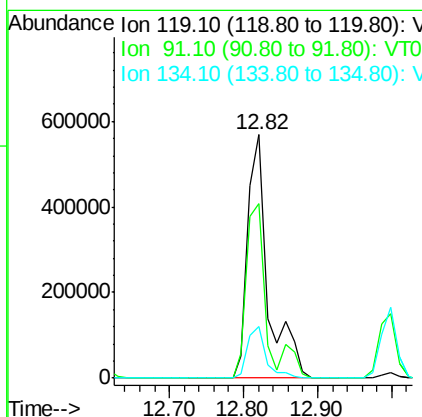
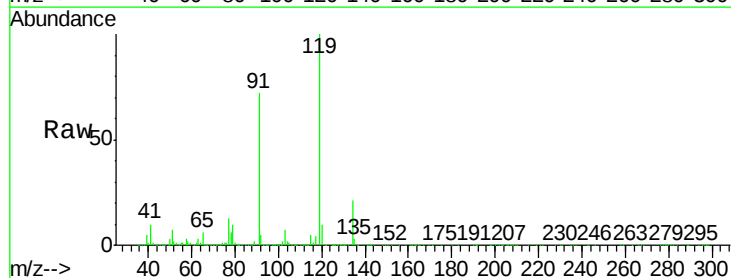
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBSD01

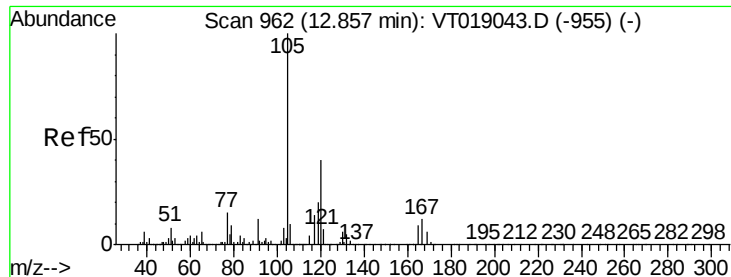
Tot Ion: 91 Resp: 1035605
Ion Ratio Lower Upper
91 100
126 32.0 16.0 47.9



#82
tert-Butylbenzene
Concen: 27.29 ug/l
RT: 12.82 min Scan# 959
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

Tgt Ion: 119 Resp: 1089913
Ion Ratio Lower Upper
119 100
91 71.8 36.1 108.3
134 21.3 12.0 36.1

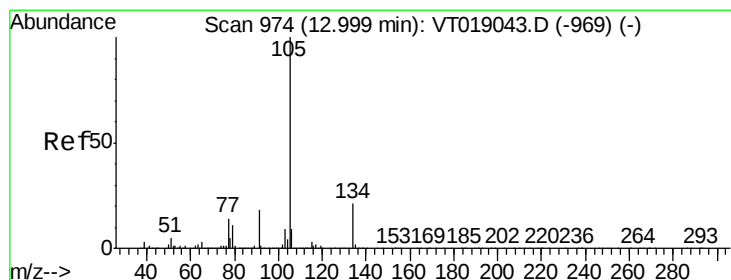
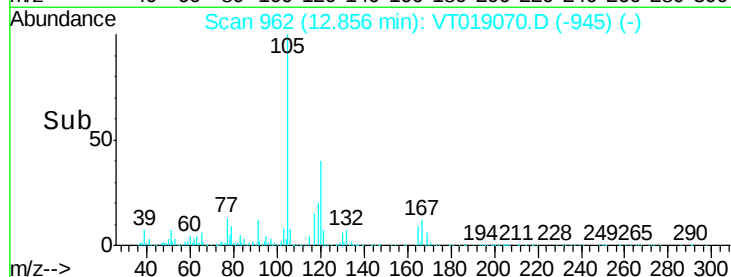
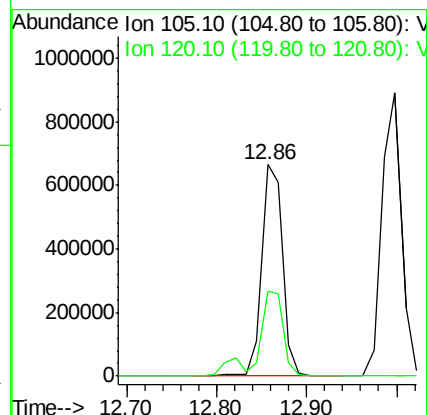
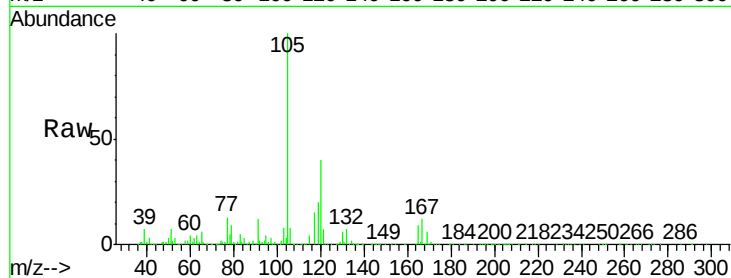




#83
 1,2,4-Trimethylbenzene
 Concen: 23.07 ug/l
 RT: 12.86 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

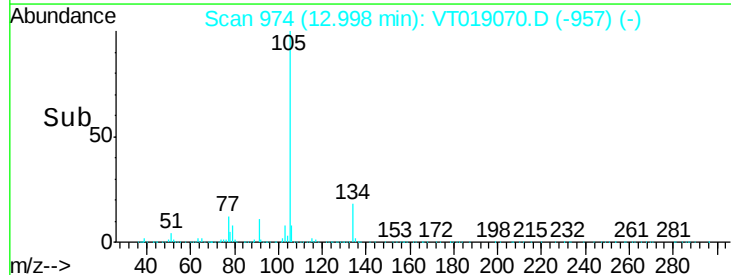
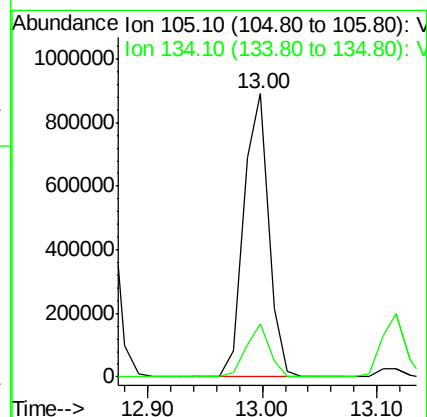
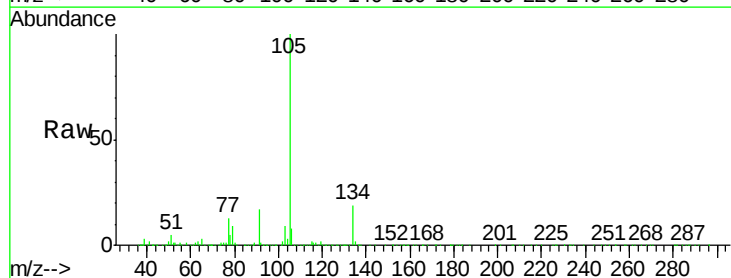
Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBSD01

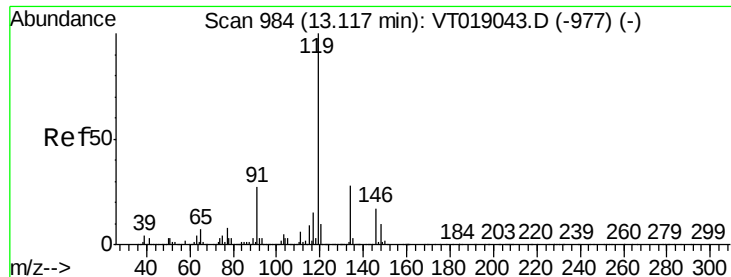
Tot Ion:105 Resp: 1071928
 Ion Ratio Lower Upper
 105 100
 120 40.2 20.0 59.9



#84
 sec-Butylbenzene
 Concen: 24.00 ug/l
 RT: 13.00 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

Tgt Ion:105 Resp: 1350250
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.4 31.2

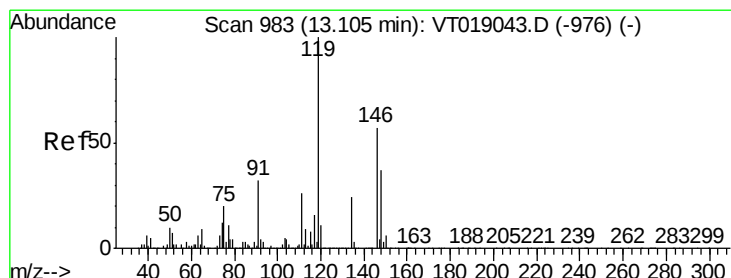
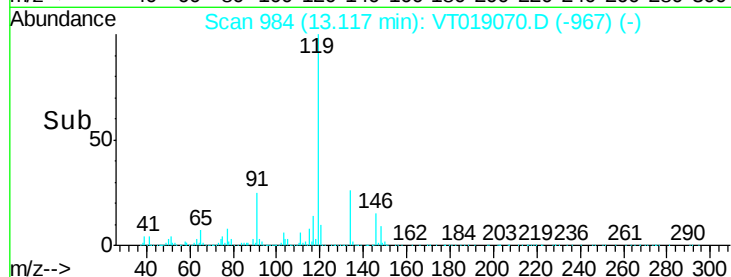
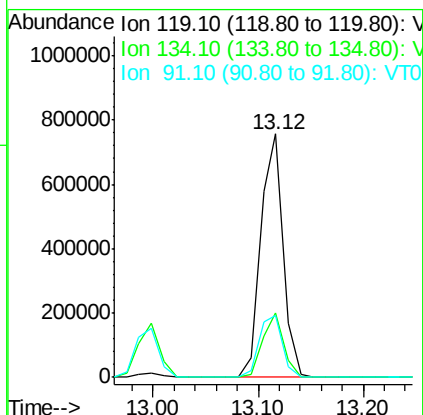
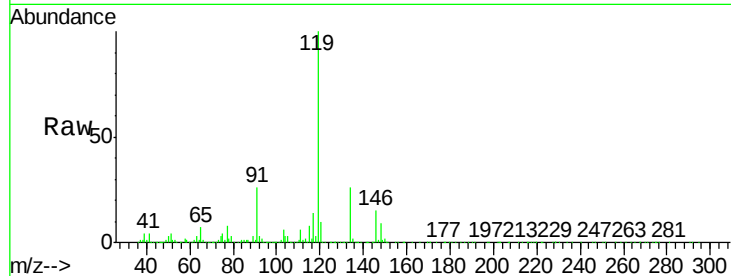




#85
p-Isopropyltoluene
Concen: 23.64 ug/l
RT: 13.12 min Scan# 984
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

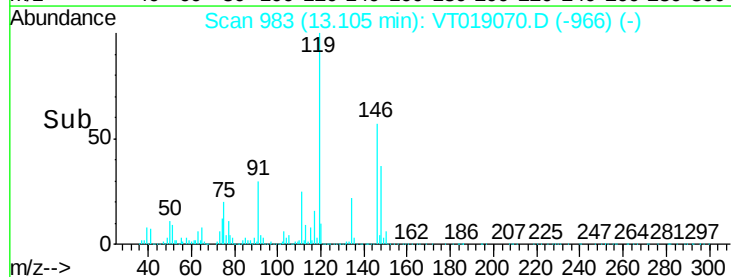
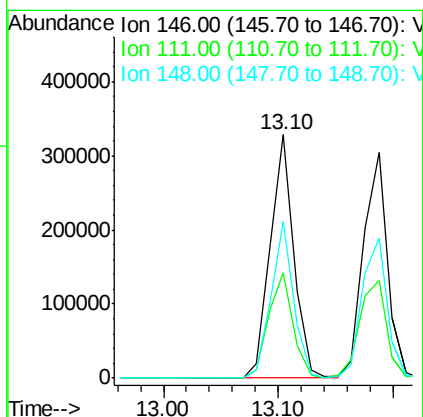
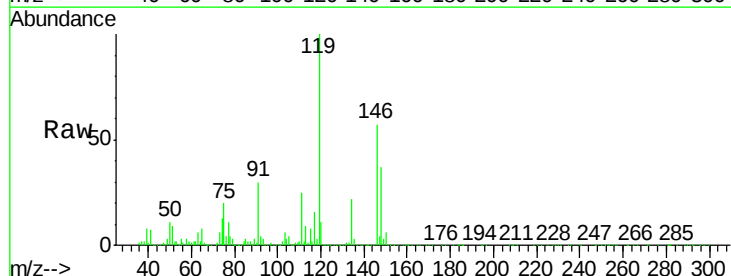
Instrument :
MSVOA_T
ClientSampleId :
VT0510SBS01

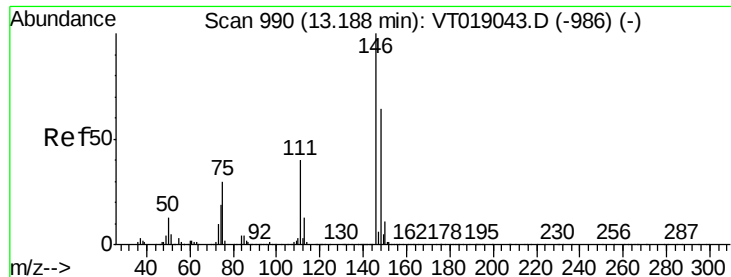
Tot Ion:119 Resp: 1117889
Ion Ratio Lower Upper
119 100
134 26.4 14.1 42.3
91 25.5 13.5 40.4



#86
1,3-Dichlorobenzene
Concen: 21.32 ug/l
RT: 13.10 min Scan# 983
Delta R.T. -0.00 min
Lab File: VT019070.D
Acq: 10 May 2018 12:03

Tgt Ion:146 Resp: 470103
Ion Ratio Lower Upper
146 100
111 43.3 23.1 69.2
148 64.3 32.5 97.5

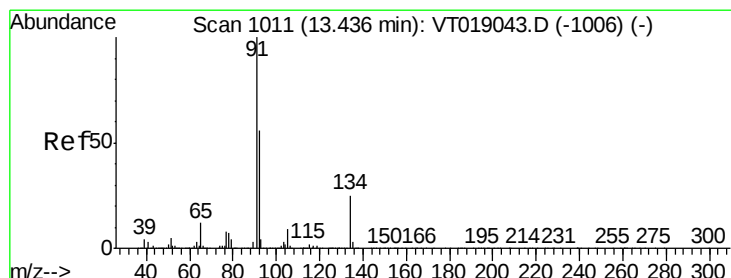
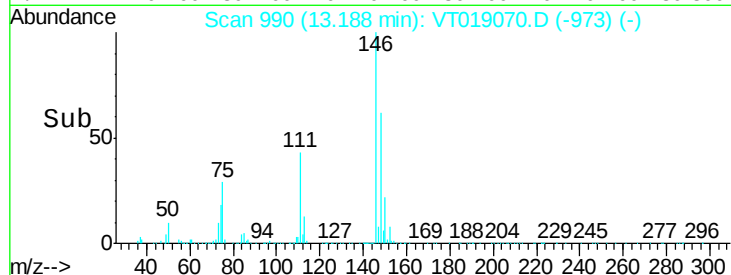
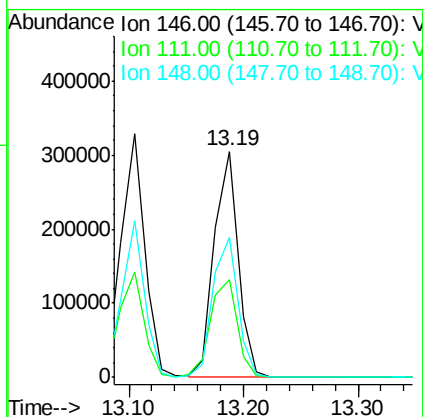
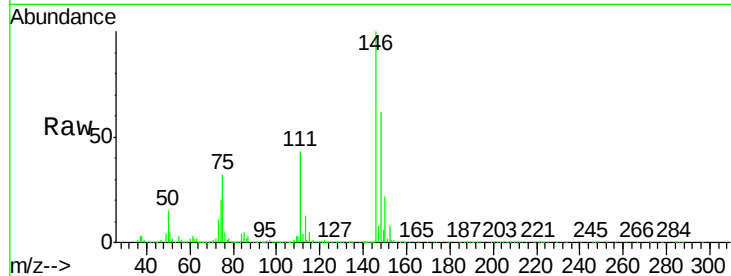




#87
 1,4-Dichlorobenzene
 Concen: 20.68 ug/l
 RT: 13.19 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

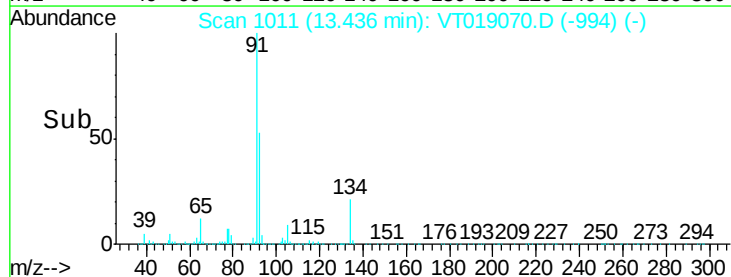
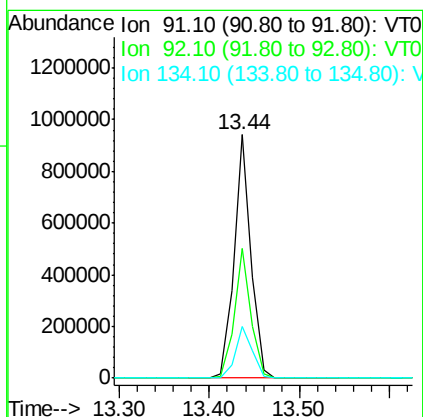
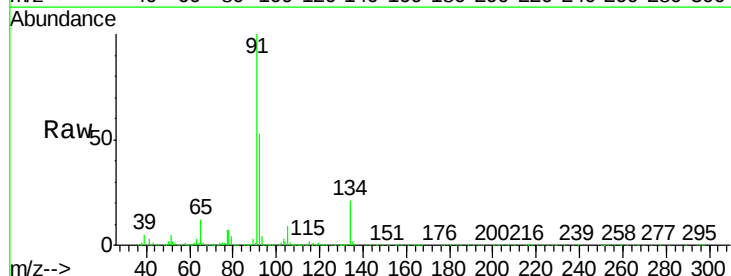
Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBSD01

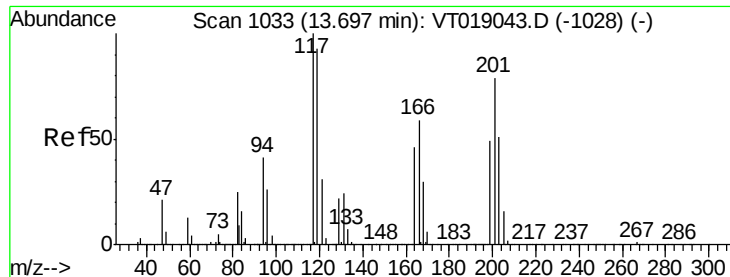
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.3	60.8
148	61.6	32.3	96.8



#88
 n-Butylbenzene
 Concen: 24.15 ug/l
 RT: 13.44 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	28.0	84.0
134	21.1	12.4	37.0





#89

Hexachloroethane

Concen: 20.63 ug/l

RT: 13.70 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

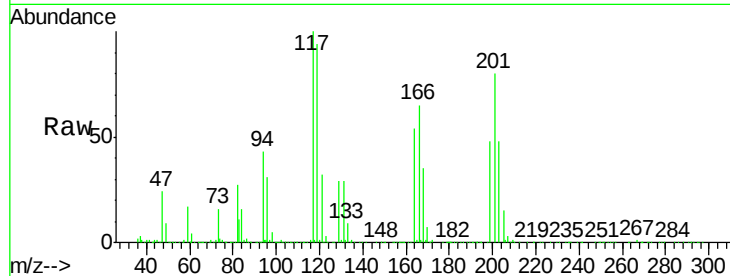
VT0510SBSD01

Tot Ion:117 Resp: 169278

Ion Ratio Lower Upper

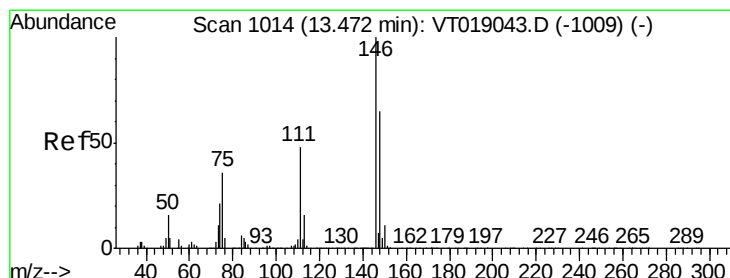
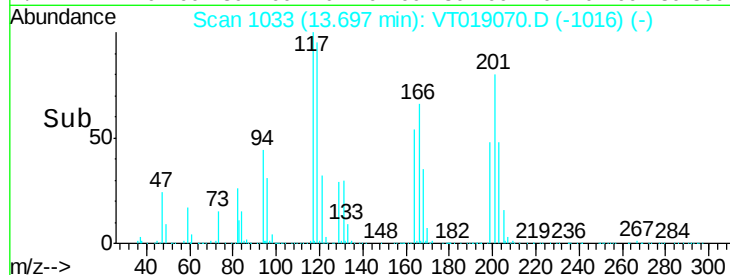
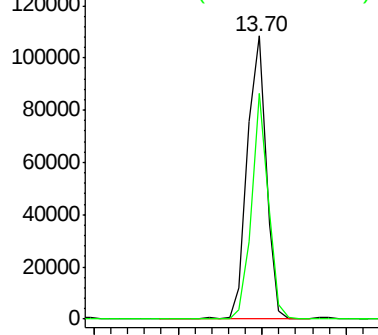
117 100

201 79.7 39.4 118.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 200.80 (200.50 to 201.50): V



#90

1,2-Dichlorobenzene

Concen: 20.61 ug/l

RT: 13.47 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

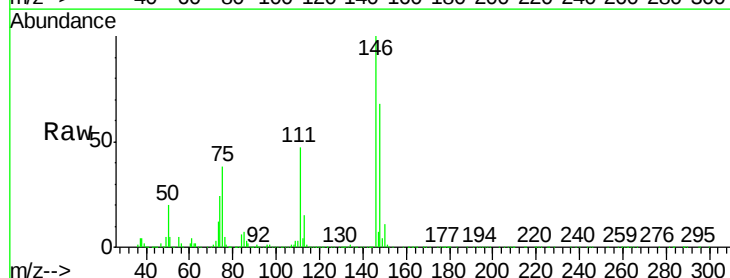
Tgt Ion:146 Resp: 379948

Ion Ratio Lower Upper

146 100

111 46.9 23.8 71.2

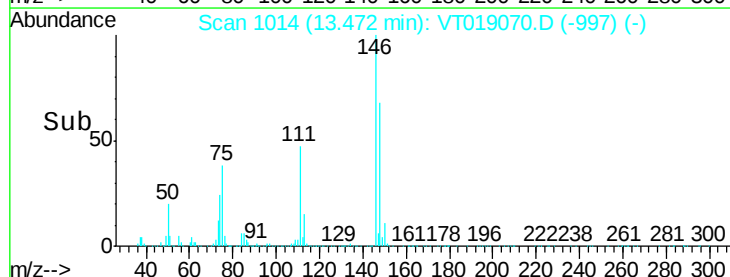
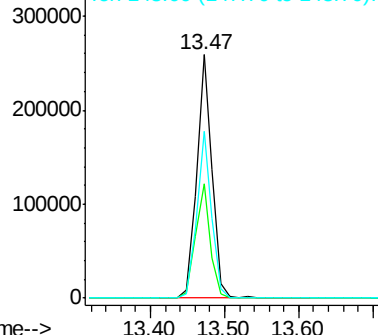
148 68.5 32.7 98.1

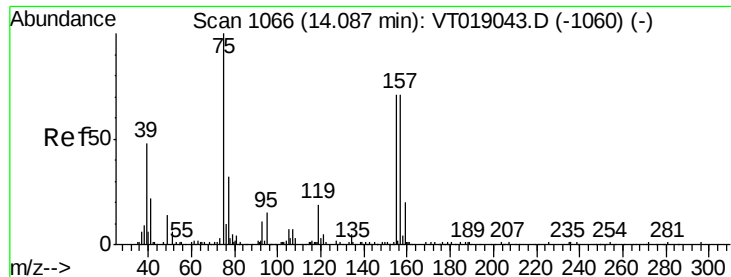


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

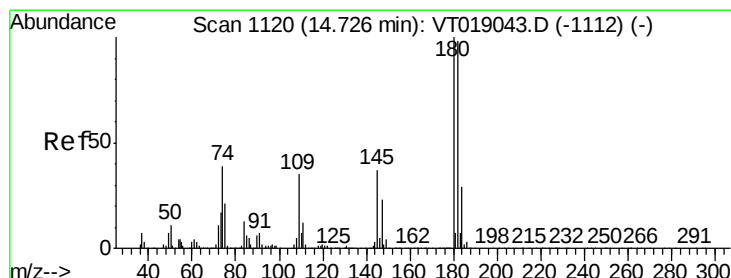
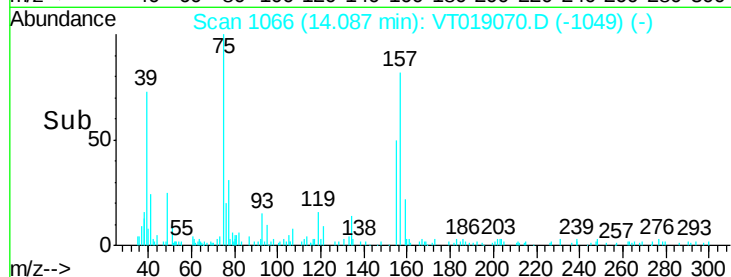
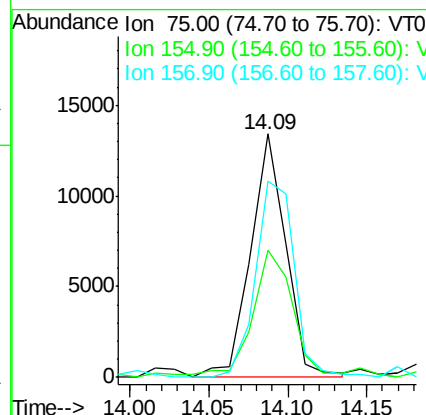
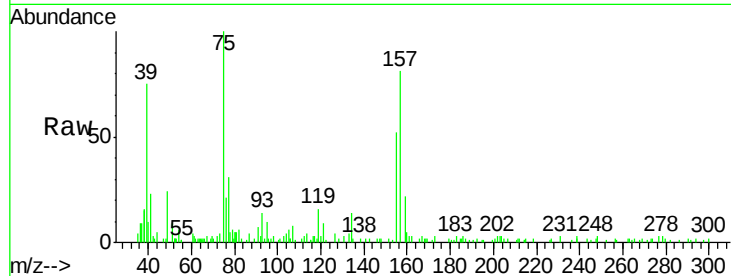




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 18.64 ug/l
 RT: 14.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

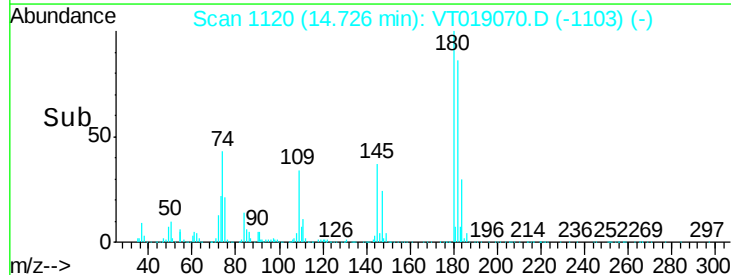
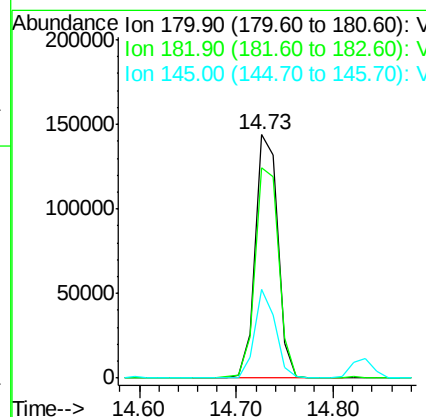
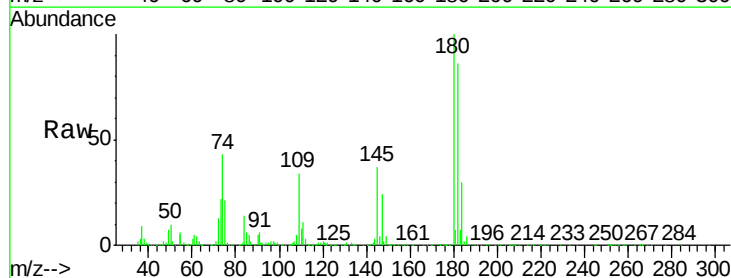
Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBSD01

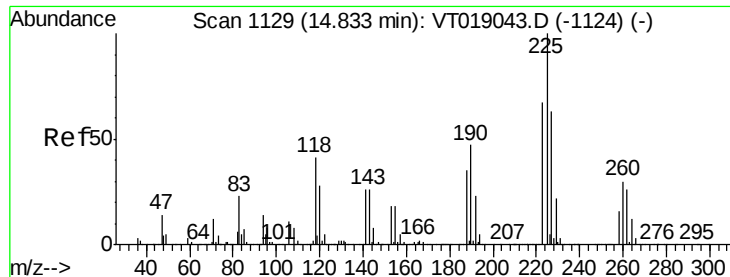
Tot Ion: 75 Resp: 20870
 Ion Ratio Lower Upper
 75 100
 155 52.1 35.6 106.8
 157 80.6 35.8 107.3



#92
 1,2,4-Trichlorobenzene
 Concen: 18.83 ug/l
 RT: 14.73 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

Tgt Ion: 180 Resp: 232019
 Ion Ratio Lower Upper
 180 100
 182 86.1 49.0 147.0
 145 36.6 18.3 54.9





#93

Hexachlorobutadiene

Concen: 19.85 ug/l

RT: 14.83 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

Instrument :

MSVOA_T

ClientSampleId :

VT0510SBSD01

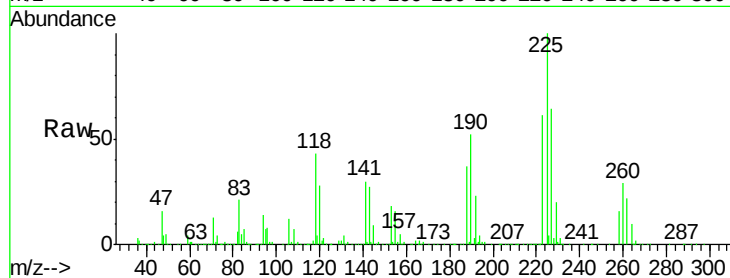
Tot Ion:225 Resp: 178644

Ion Ratio Lower Upper

225 100

223 60.7 33.5 100.4

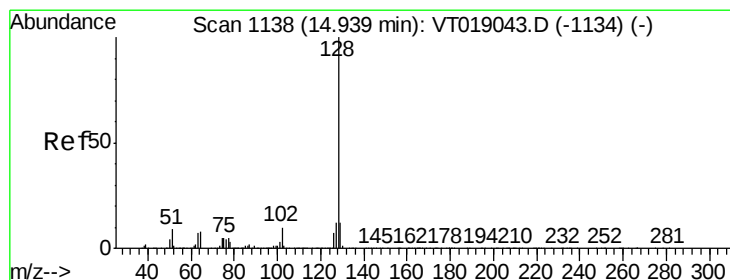
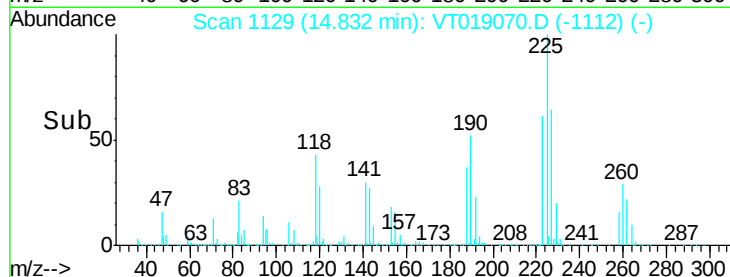
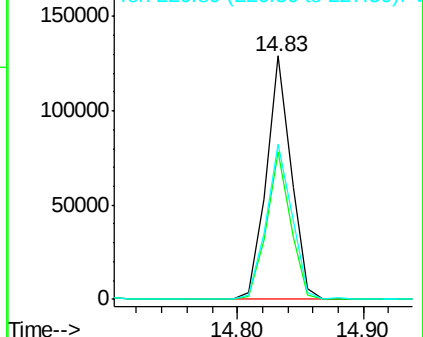
227 63.9 31.7 95.1



Abundance Ion 224.80 (224.50 to 225.50): V

Ion 222.80 (222.50 to 223.50): V

Ion 226.80 (226.50 to 227.50): V



#94

Naphthalene

Concen: 18.03 ug/l

RT: 14.94 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VT019070.D

Acq: 10 May 2018 12:03

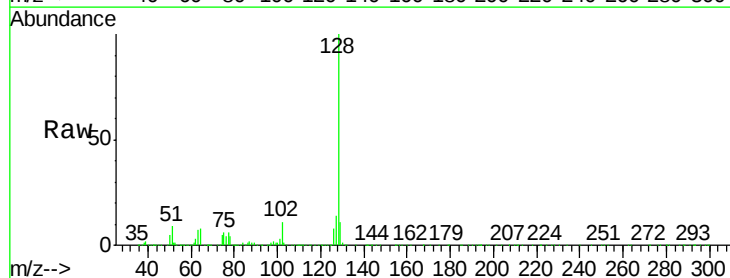
Tgt Ion:128 Resp: 358755

Ion Ratio Lower Upper

128 100

127 13.8 9.9 14.9

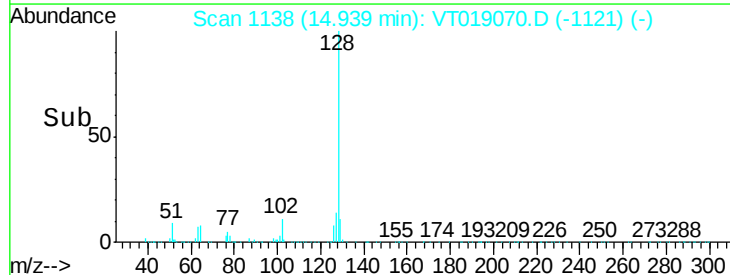
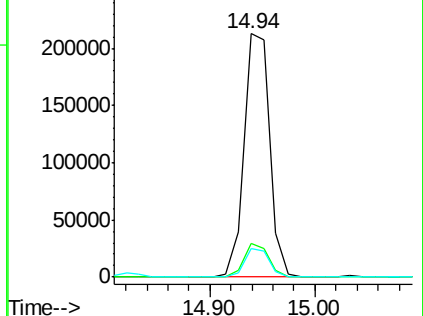
129 11.5 9.3 13.9

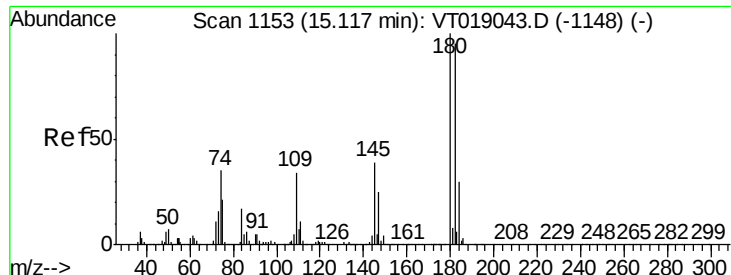


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V





#95
 1,2,3-Trichlorobenzene
 Concen: 18.31 ug/l
 RT: 15.12 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VT019070.D
 Acq: 10 May 2018 12:03

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.7	143.1
145	41.1	19.4	58.1

