

Data Path : W:\HPCHEM1\MSVOA_T\Data\VT050918\
 Data File : VT019056.D
 Acq On : 9 May 2018 14:23
 Operator : SY/MD
 Sample : J2680-01RE
 Misc : 4.80g/5mL/MSVOA_T/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 PL-02-050418-ARE

Quant Time: May 09 16:28:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 04:36:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	17129	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	55774	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	39196	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	8030	50.00	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.82	65	52407	322.31	ug/l	0.01
Spiked Amount	50.000		Recovery	=	644.62%	
34) Dibromofluoromethane	7.35	113	41684	133.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	266.94%	
49) Toluene-d8	9.90	98	44538	33.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.48%	
61) 4-Bromofluorobenzene	12.22	95	8554	16.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.80	85	1282	5.850	ug/l #	42
3) Chloromethane	1.95	50	469	6.280	ug/l #	55
4) Vinyl Chloride	2.14	62	780	6.455	ug/l #	41
5) Bromomethane	2.48	94	865	8.772	ug/l #	3
6) Chloroethane	2.64	64	640	8.632	ug/l	97
7) Trichlorofluoromethane	2.99	101	343	1.057	ug/l	99
8) Diethyl Ether	3.33	74	448	9.098	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	3.60	101	618	3.929	ug/l #	39
10) Methyl Iodide	3.75	142	337	1.477	ug/l #	33
11) Tert butyl alcohol	4.56	59	261	31.740	ug/l #	74
13) Acrolein	3.40	56	285	70.998	ug/l	96
14) Allyl chloride	4.09	41	1354	4.494	ug/l #	55
15) Acrylonitrile	4.72	53	1378	43.503	ug/l #	75
16) Acetone	3.71	43	1071	62.050	ug/l	98
18) Methyl Acetate	4.08	43	3296	37.170	ug/l	99
19) Methyl tert-butyl Ether	4.77	73	715	2.043	ug/l #	66
20) Methylene Chloride	4.30	84	30653	164.895	ug/l #	72
21) trans-1,2-Dichloroethene	4.72	96	771	3.739	ug/l #	40
23) Vinyl Acetate	5.60	43	1299	5.237	ug/l #	71
24) 1,1-Dichloroethane	5.57	63	648	1.659	ug/l #	54
25) 2-Butanone	6.57	43	1172	30.153	ug/l	93
26) 2,2-Dichloropropane	6.59	77	650	4.123	ug/l #	1
27) cis-1,2-Dichloroethene	6.57	96	492	2.429	ug/l	29
28) Bromochloromethane	6.95	49	726	5.596	ug/l #	7
29) Chloroform	7.15	83	374	1.023	ug/l	94
30) Cyclohexane	7.43	56	1028	2.428	ug/l #	41
31) 1,1,1-Trichloroethane	7.34	97	450	1.593	ug/l #	46
36) Ethyl Acetate	6.67	43	814	4.914	ug/l #	21
37) Carbon Tetrachloride	7.54	117	673	1.281	ug/l #	60
40) Methacrylonitrile	6.89	41	351	4.187	ug/l #	20
42) Isopropyl Acetate	7.93	43	1147	4.022	ug/l #	58
43) Trichloroethene	8.62	130	447	1.157	ug/l	94
44) 1,2-Dichloropropane	8.89	63	612	1.555	ug/l	89
45) Dibromomethane	9.02	93	1127	7.282	ug/l #	75

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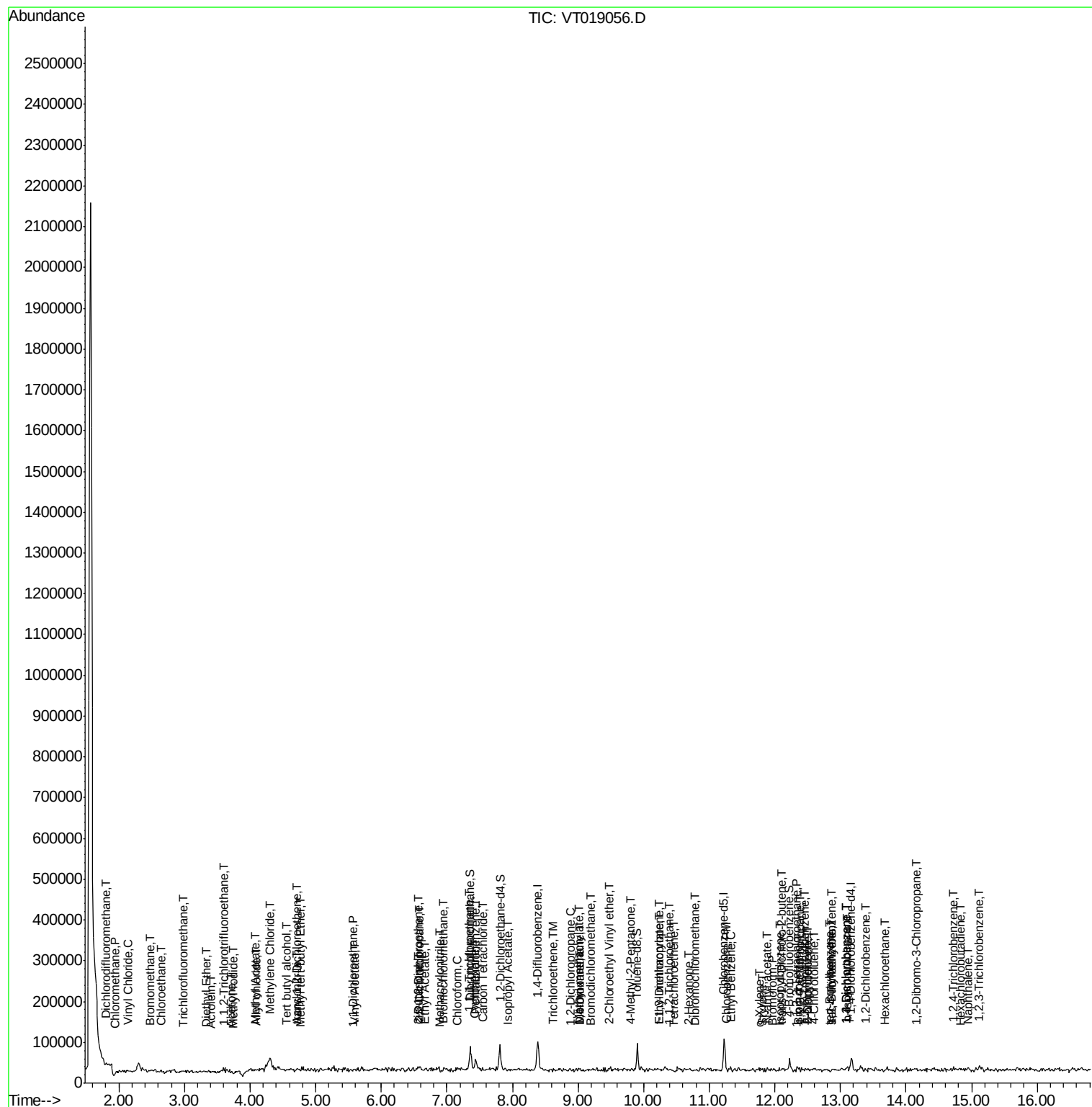
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

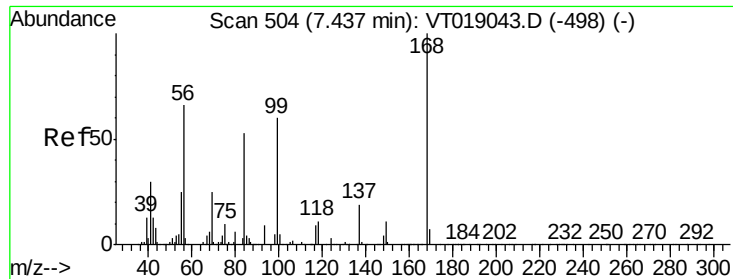
46) Bromodichloromethane	9.20	83	698	1.552	ug/l #	1
47) Methyl methacrylate	9.01	41	194	1.316	ug/l #	46
48) 1,4-Dioxane	9.02	88	273	143.808	ug/l #	15
50) 4-Methyl-2-Pentanone	9.80	43	2330	14.899	ug/l	88
52) t-1,3-Dichloropropene	10.24	75	853	2.086	ug/l #	1
54) 1,1,2-Trichloroethane	10.38	97	506	2.153	ug/l #	49
55) Ethyl methacrylate	10.24	69	982	3.488	ug/l #	32
57) 2-Chloroethyl Vinyl ether	9.47	63	934	7.199	ug/l #	52
58) 2-Hexanone	10.68	43	981	8.651	ug/l	84
59) Dibromochloromethane	10.79	129	1402	5.738	ug/l	87
63) Tetrachloroethene	10.45	164	819	3.054	ug/l #	3
64) Chlorobenzene	11.26	112	2019	2.487	ug/l #	82
66) Ethyl Benzene	11.33	91	1918	1.232	ug/l #	49
68) o-Xylene	11.77	106	1176	2.165	ug/l #	1
69) Styrene	11.80	104	1633	1.942	ug/l #	66
70) Bromoform	11.96	173	893	8.918	ug/l #	78
72) Isopropylbenzene	12.08	105	701	1.081	ug/l #	48
73) N-amyl acetate	11.89	43	812	7.597	ug/l #	66
74) 1,1,2,2-Tetrachloroethane	12.32	83	422	4.423	ug/l #	1
75) 1,2,3-Trichloropropane	12.38	75	983	14.393	ug/l	84
76) Bromobenzene	12.36	156	976	7.602	ug/l #	33
77) n-propylbenzene	12.50	91	3223	4.258	ug/l	81
78) 2-Chlorotoluene	12.50	91	3223	6.773	ug/l #	48
79) 1,3,5-Trimethylbenzene	12.45	105	648	1.151	ug/l	98
80) trans-1,4-Dichloro-2-buten	12.11	75	915	35.621	ug/l #	36
81) 4-Chlorotoluene	12.60	91	2607	4.509	ug/l #	46
82) tert-Butylbenzene	12.83	119	1032	2.104	ug/l #	23
83) 1,2,4-Trimethylbenzene	12.87	105	2099	3.678	ug/l	91
84) sec-Butylbenzene	12.87	105	2099	3.037	ug/l	87
85) p-Isopropyltoluene	13.10	119	1238	2.131	ug/l #	69
86) 1,3-Dichlorobenzene	13.09	146	1549	5.719	ug/l	91
87) 1,4-Dichlorobenzene	13.09	146	1549	5.883	ug/l	88
89) Hexachloroethane	13.68	117	359	3.562	ug/l	83
90) 1,2-Dichlorobenzene	13.38	146	452	1.996	ug/l	81
91) 1,2-Dibromo-3-Chloropropan	14.16	75	430	31.273	ug/l	70
92) 1,2,4-Trichlorobenzene	14.73	180	1456	9.622	ug/l #	2
93) Hexachlorobutadiene	14.83	225	502	4.540	ug/l #	17
94) Naphthalene	14.94	128	4535	18.549	ug/l	94
95) 1,2,3-Trichlorobenzene	15.12	180	3075	24.614	ug/l #	60

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

Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 504

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

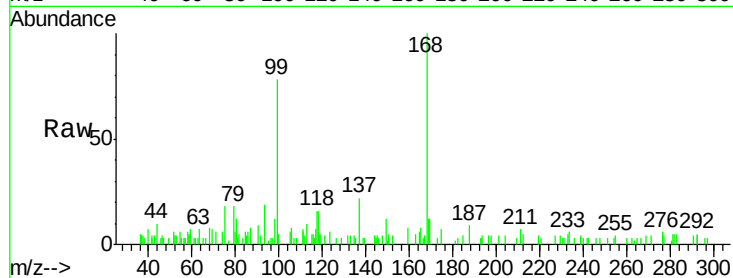
PL-02-050418-ARE

Tgt Ion:168 Resp: 17129

Ion Ratio Lower Upper

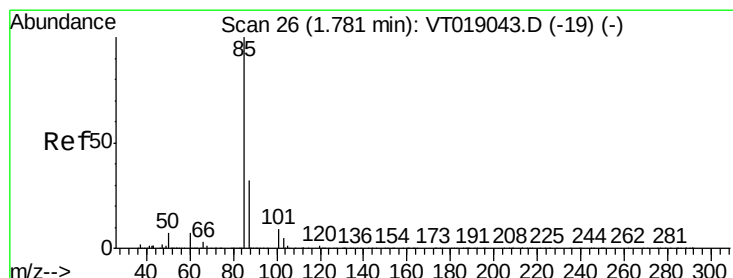
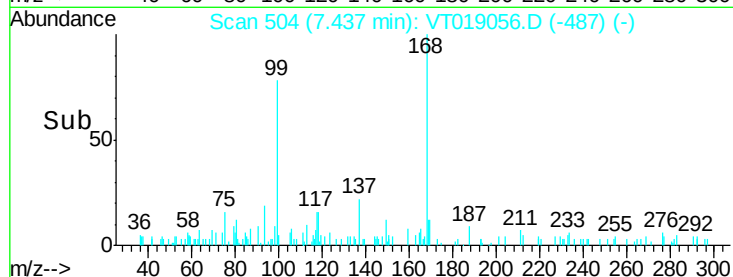
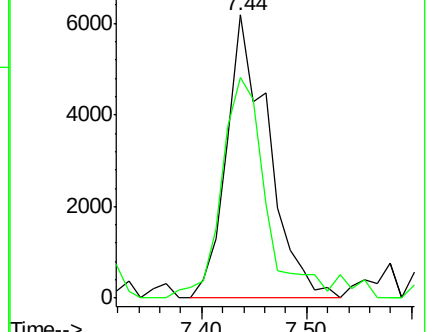
168 100

99 78.0 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0



#2

Dichlorodifluoromethane

Concen: 5.850 ug/l

RT: 1.80 min Scan# 28

Delta R.T. 0.02 min

Lab File: VT019056.D

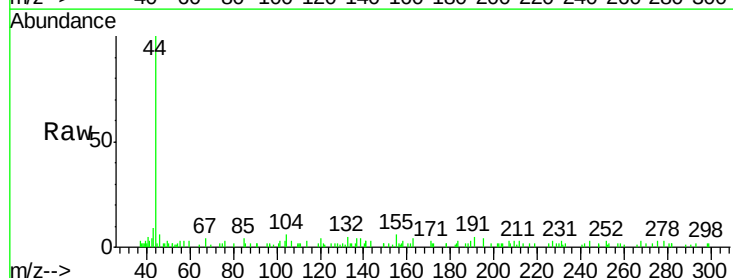
Acq: 9 May 2018 14:23

Tgt Ion: 85 Resp: 1282

Ion Ratio Lower Upper

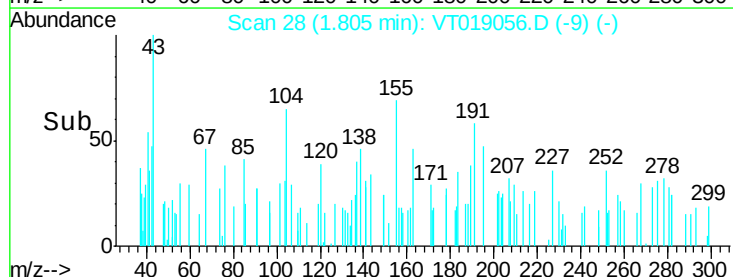
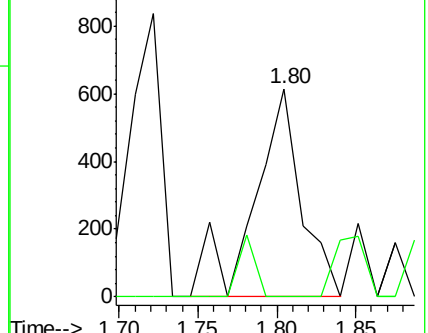
85 100

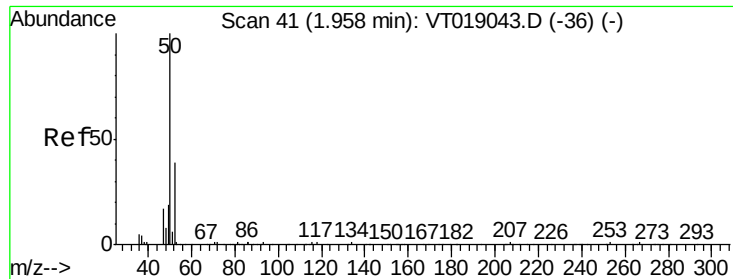
87 0.0 16.3 48.8#



Abundance Ion 85.00 (84.70 to 85.70): VT0

Ion 87.00 (86.70 to 87.70): VT0





#3

Chloromethane

Concen: 6.280 ug/l

RT: 1.95 min Scan# 40

Delta R.T. -0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

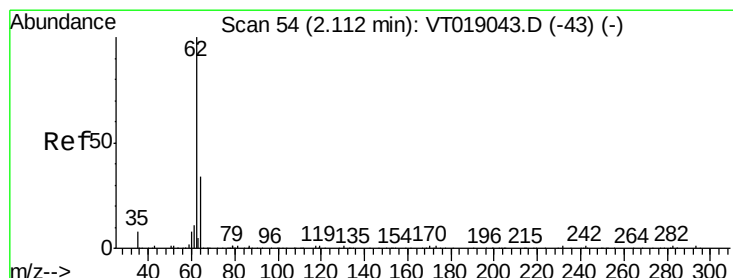
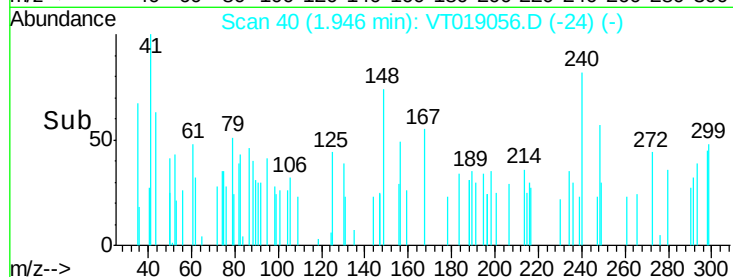
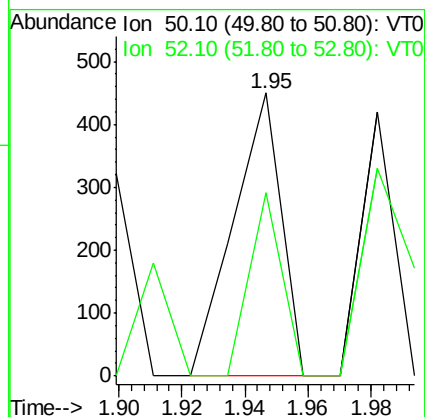
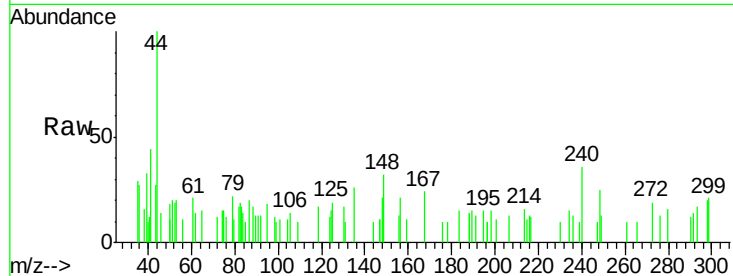
PL-02-050418-ARE

Tgt Ion: 50 Resp: 469

Ion Ratio Lower Upper

50 100

52 64.7 30.1 45.1#



#4

Vinyl Chloride

Concen: 6.455 ug/l

RT: 2.14 min Scan# 56

Delta R.T. 0.02 min

Lab File: VT019056.D

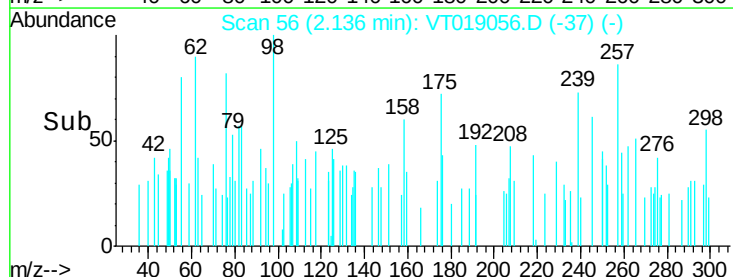
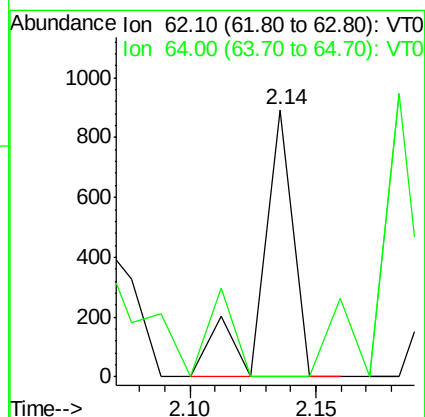
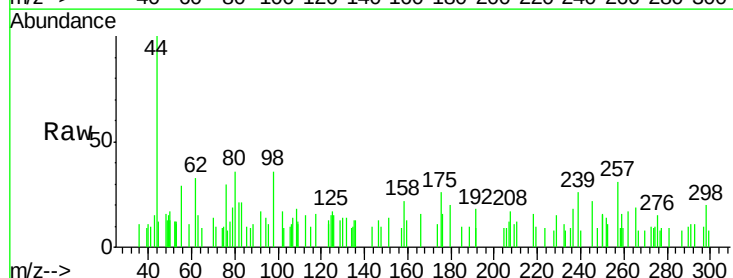
Acq: 9 May 2018 14:23

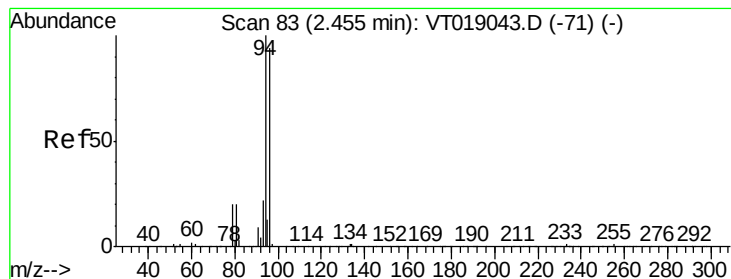
Tgt Ion: 62 Resp: 780

Ion Ratio Lower Upper

62 100

64 0.0 27.0 40.4#





#5

Bromomethane

Concen: 8.772 ug/l

RT: 2.48 min Scan# 85

Delta R.T. 0.02 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

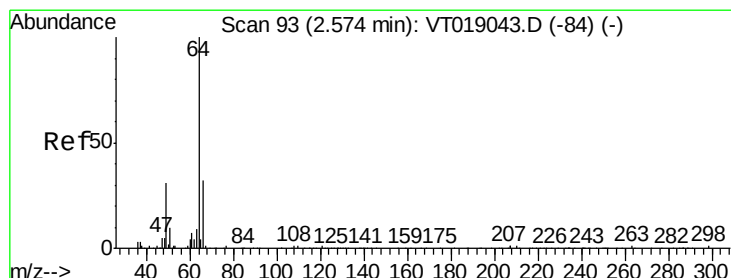
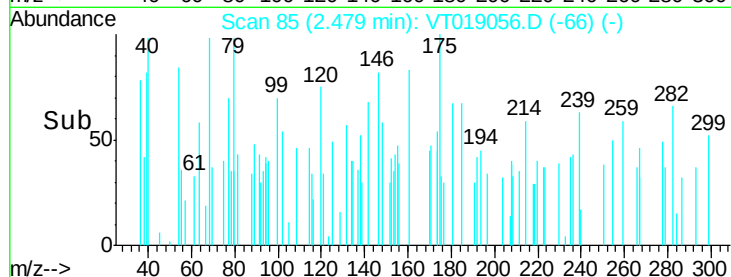
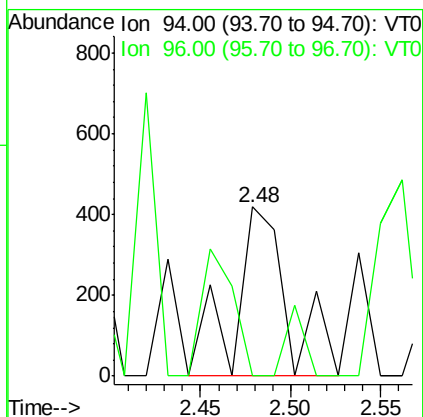
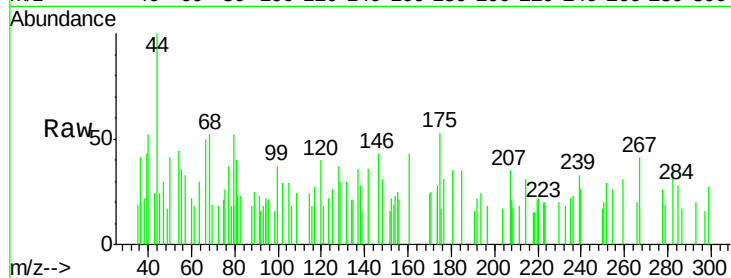
PL-02-050418-ARE

Tgt Ion: 94 Resp: 865

Ion Ratio Lower Upper

94 100

96 0.0 75.3 112.9#



#6

Chloroethane

Concen: 8.632 ug/l

RT: 2.64 min Scan# 99

Delta R.T. 0.07 min

Lab File: VT019056.D

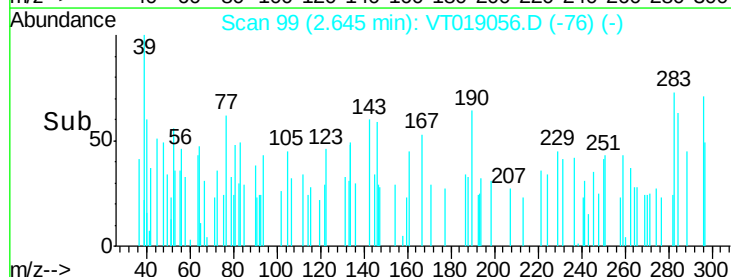
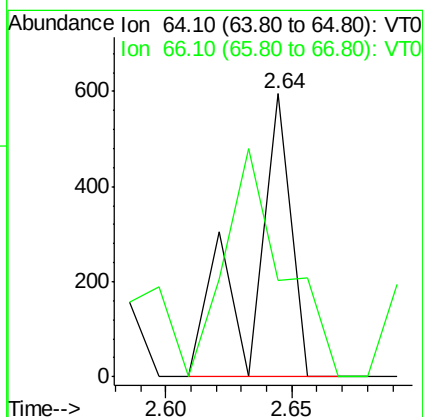
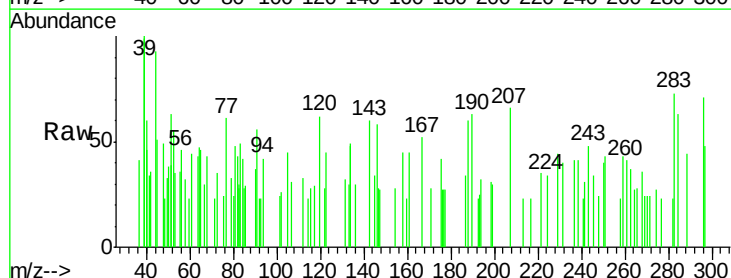
Acq: 9 May 2018 14:23

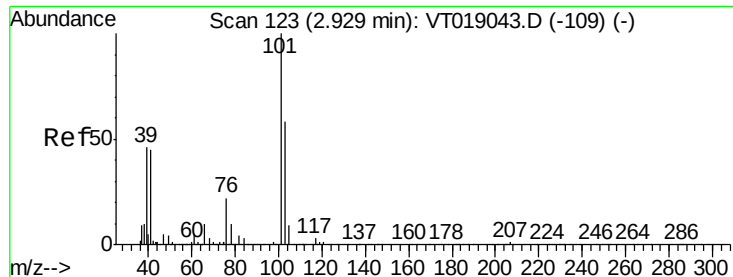
Tgt Ion: 64 Resp: 640

Ion Ratio Lower Upper

64 100

66 33.9 25.8 38.8



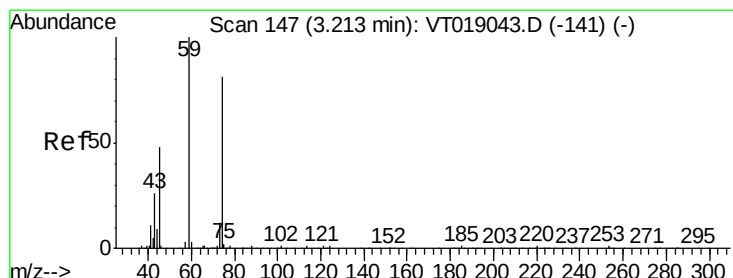
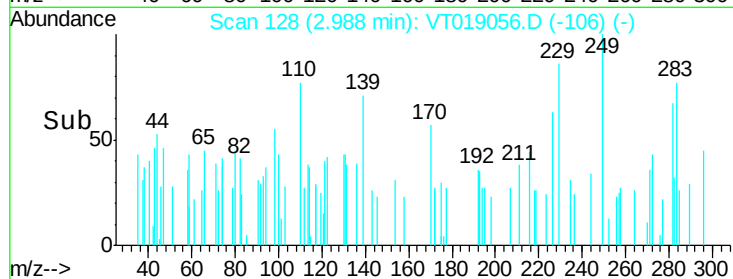
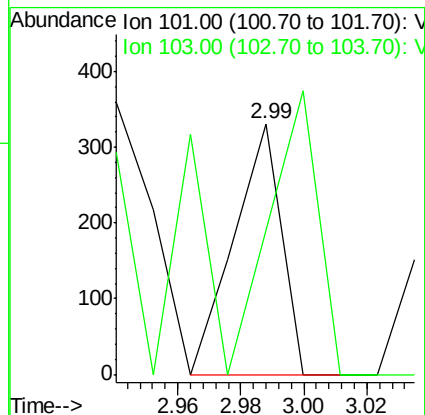
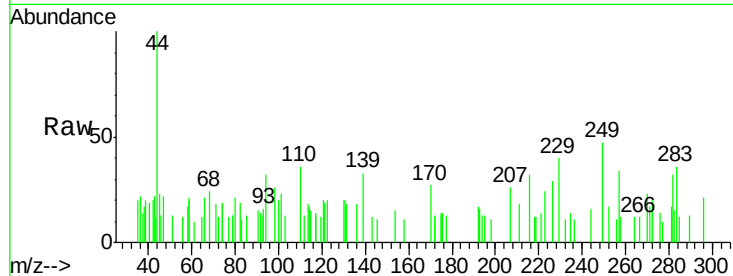


#7

Trichlorofluoromethane
 Concen: 1.057 ug/l
 RT: 2.99 min Scan# 128
 Delta R.T. 0.06 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

Instrument :
 MSVOA_T
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 PL-02-050418-ARE

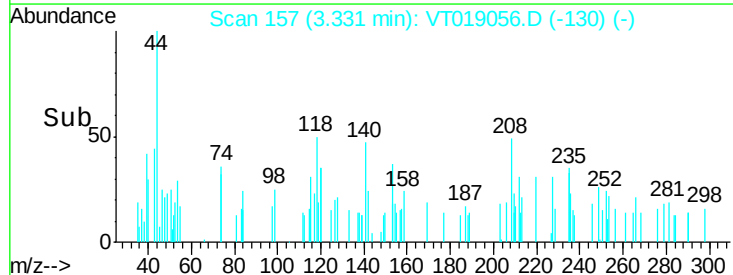
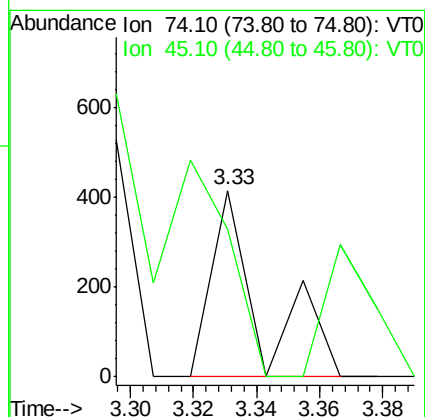
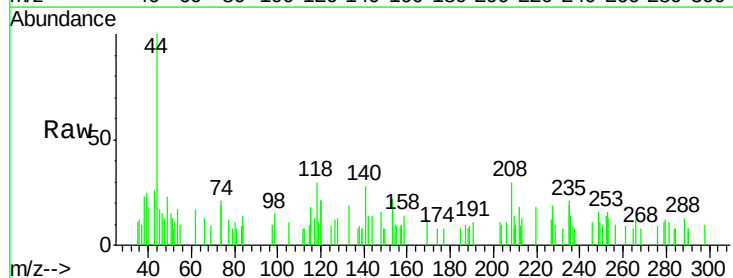
Tgt Ion:101 Resp: 343
 Ion Ratio Lower Upper
 101 100
 103 57.4 46.5 69.7

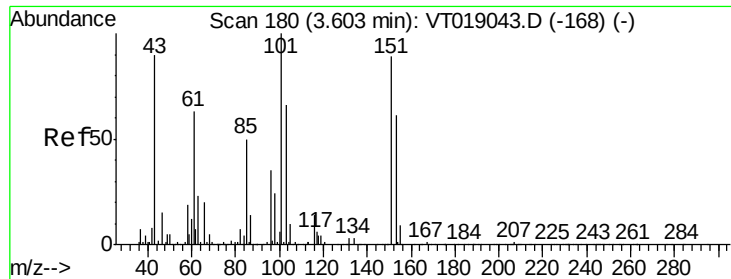


#8

Diethyl Ether
 Concen: 9.098 ug/l
 RT: 3.33 min Scan# 157
 Delta R.T. 0.12 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

Tgt Ion: 74 Resp: 448
 Ion Ratio Lower Upper
 74 100
 45 79.1 29.8 89.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.929 ug/l

RT: 3.60 min Scan# 180

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

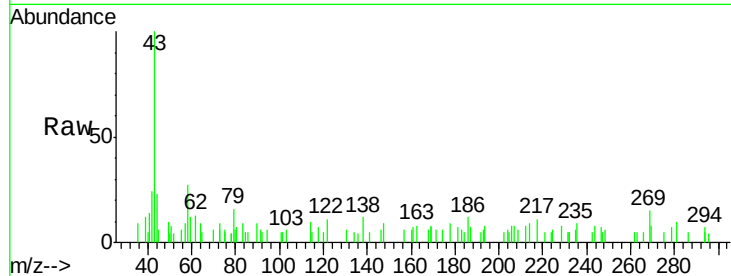
Tgt Ion:101 Resp: 618

Ion Ratio Lower Upper

101 100

85 51.7 39.5 59.3

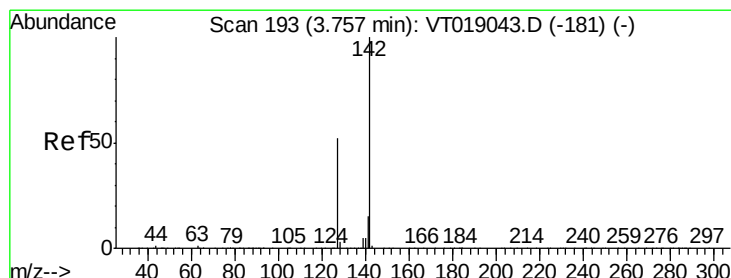
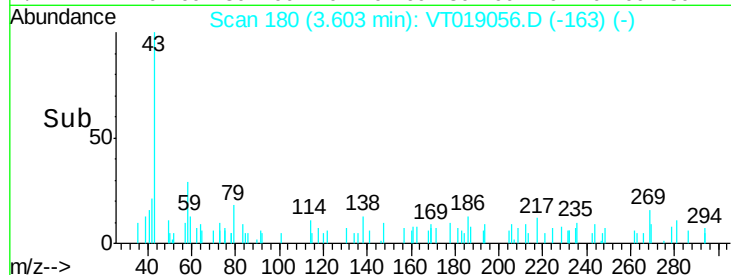
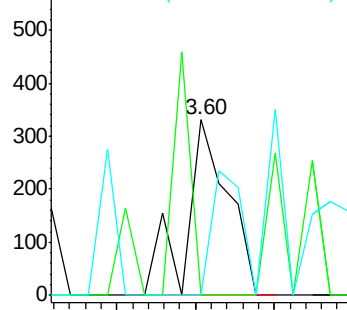
151 0.0 69.9 104.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VT0

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 1.477 ug/l

RT: 3.75 min Scan# 192

Delta R.T. -0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

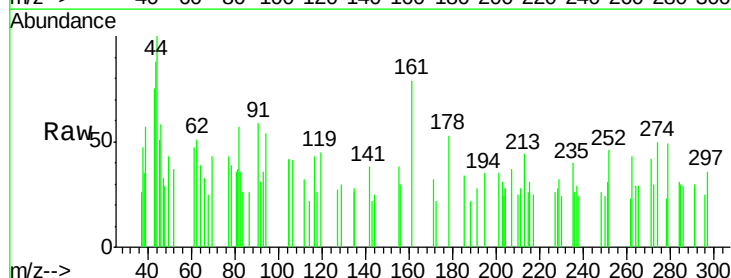
Tgt Ion:142 Resp: 337

Ion Ratio Lower Upper

142 100

127 71.4 41.8 62.8#

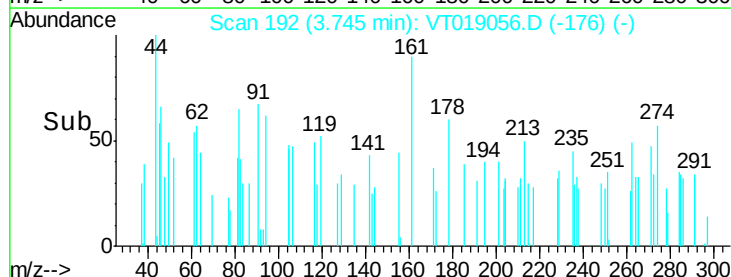
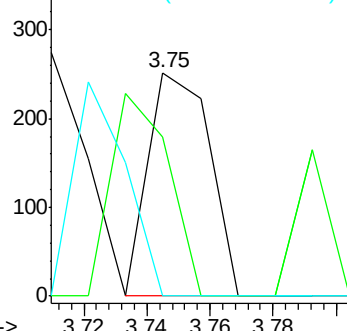
141 100.0 12.0 18.0#

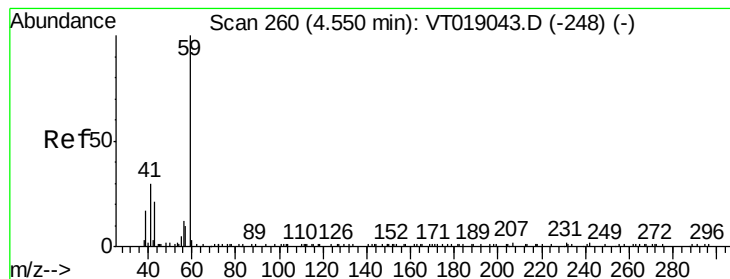


Abundance Ion 141.90 (141.60 to 142.60): V

Ion 126.90 (126.60 to 127.60): V

Ion 140.90 (140.60 to 141.60): V



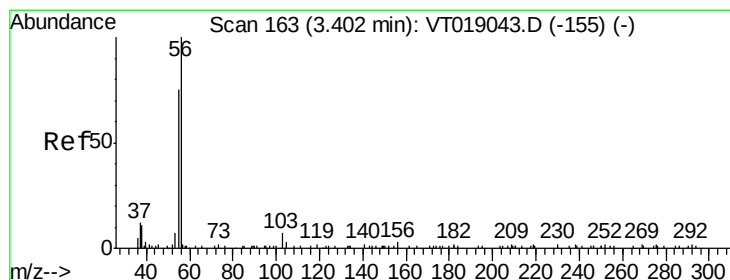
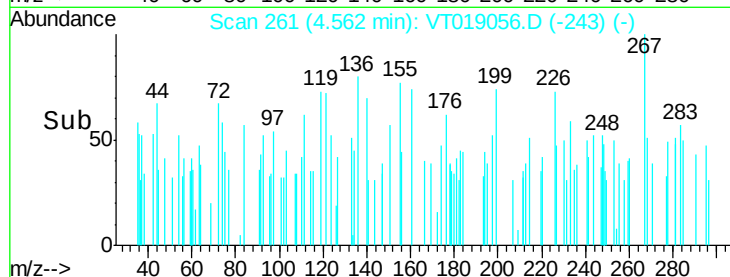
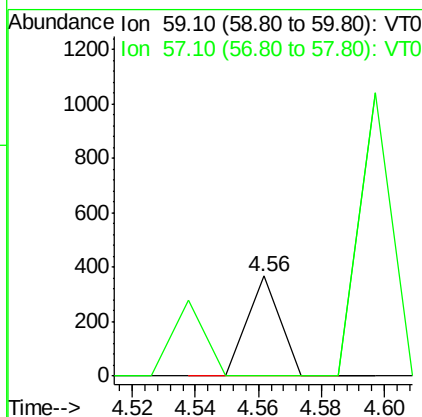
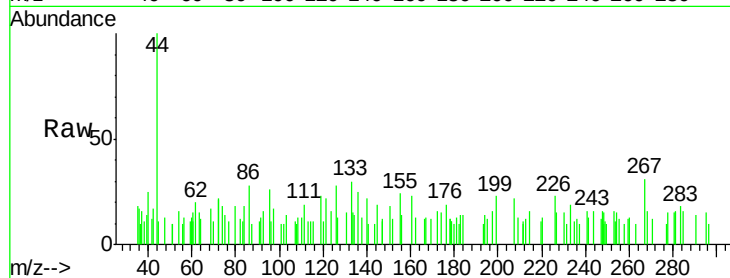


#11

Tert butyl alcohol
Concen: 31.740 ug/l
RT: 4.56 min Scan# 261
Delta R.T. 0.01 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Instrument :
MSVOA_T
ClientSampleId :
PL-02-050418-ARE

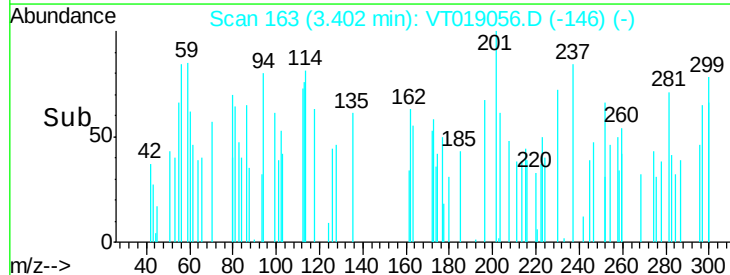
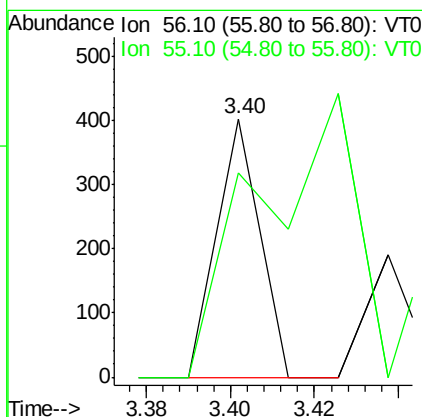
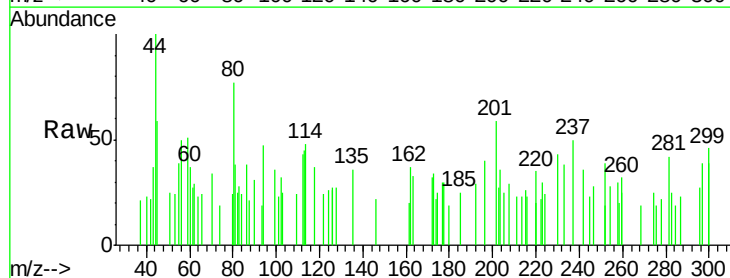
Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

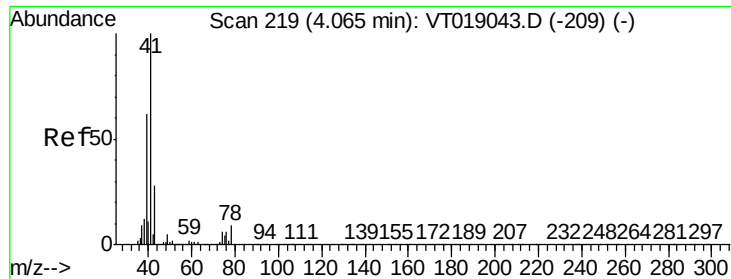


#13

Acrolein
Concen: 70.998 ug/l
RT: 3.40 min Scan# 163
Delta R.T. -0.00 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Tgt Ion: 56 Resp: 285
Ion Ratio Lower Upper
56 100
55 79.1 60.8 91.2

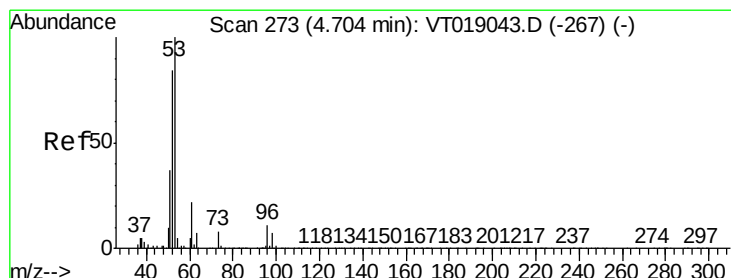
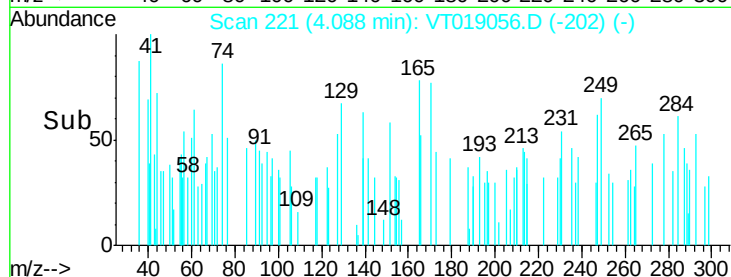
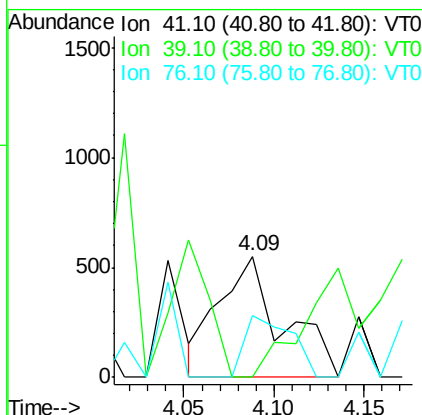
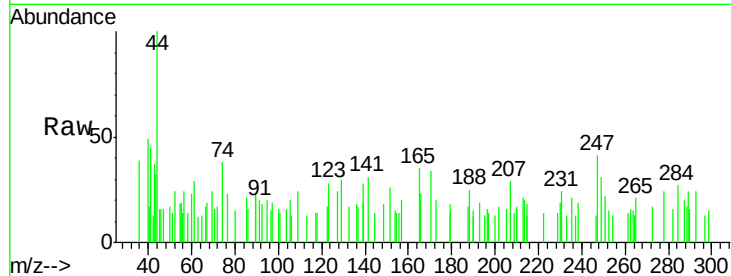




#14
 Allyl chloride
 Concen: 4.494 ug/l
 RT: 4.09 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

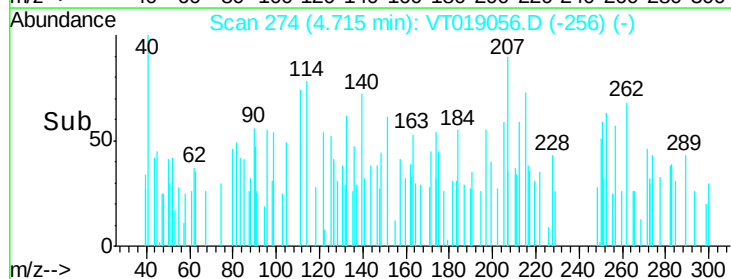
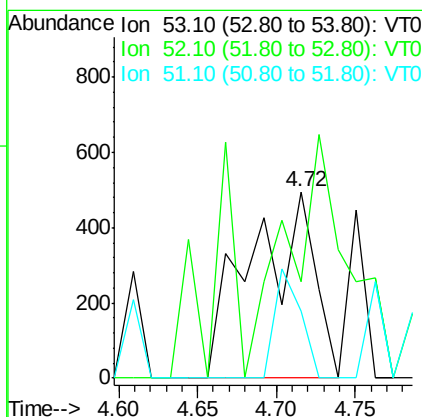
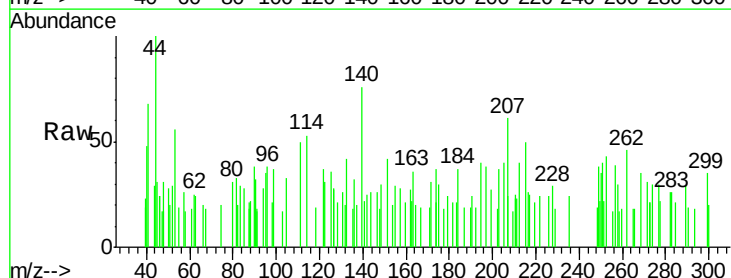
Instrument :
 MSVOA_T
 ClientSampleId :
 PL-02-050418-ARE

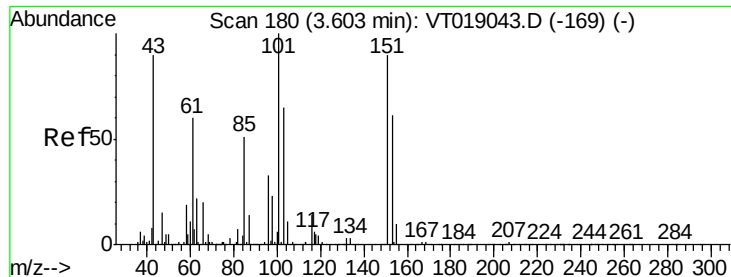
Tgt Ion: 41 Resp: 1354
 Ion Ratio Lower Upper
 41 100
 39 0.0 49.5 74.3#
 76 50.7 44.0 66.0



#15
 Acrylonitrile
 Concen: 43.503 ug/l
 RT: 4.72 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

Tgt Ion: 53 Resp: 1378
 Ion Ratio Lower Upper
 53 100
 52 51.6 67.4 101.0#
 51 36.1 29.6 44.4





#16

Acetone

Concen: 62.050 ug/l

RT: 3.71 min Scan# 189

Delta R.T. 0.11 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

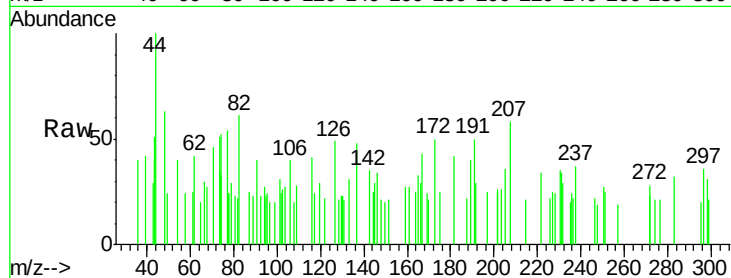
PL-02-050418-ARE

Tgt Ion: 43 Resp: 1071

Ion Ratio Lower Upper

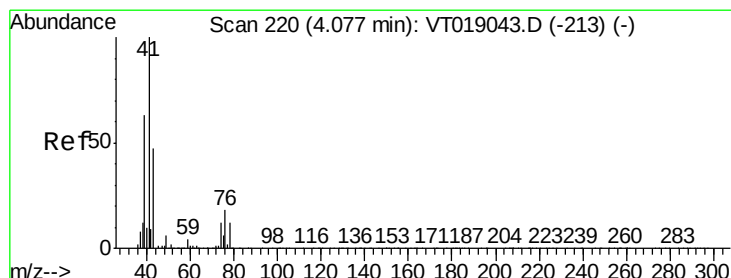
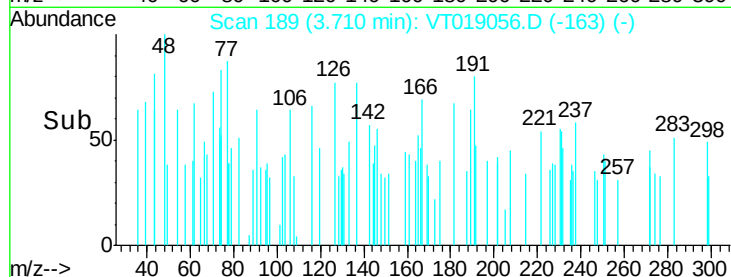
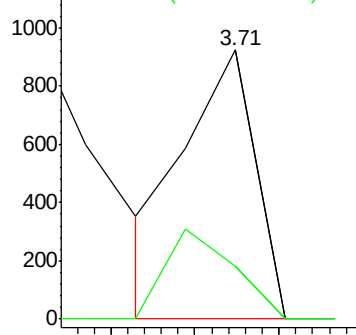
43 100

58 19.9 16.7 25.1



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 58.10 (57.80 to 58.80): VT0



#18

Methyl Acetate

Concen: 37.170 ug/l

RT: 4.08 min Scan# 220

Delta R.T. -0.00 min

Lab File: VT019056.D

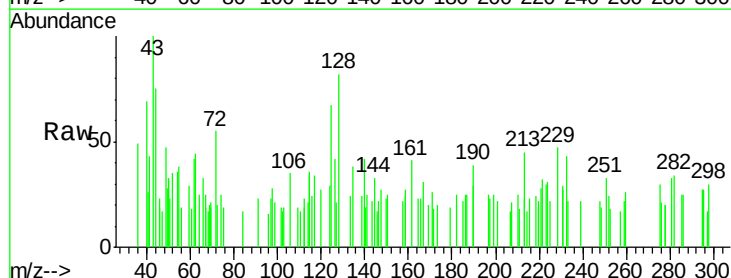
Acq: 9 May 2018 14:23

Tgt Ion: 43 Resp: 3296

Ion Ratio Lower Upper

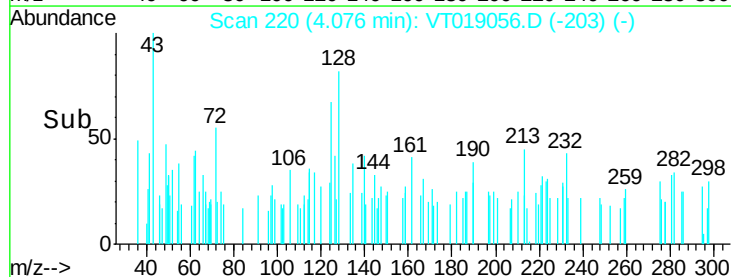
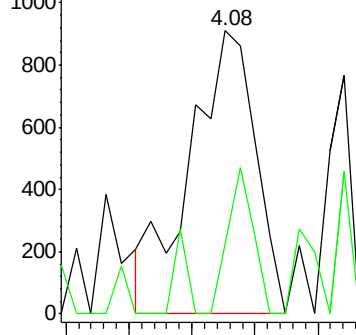
43 100

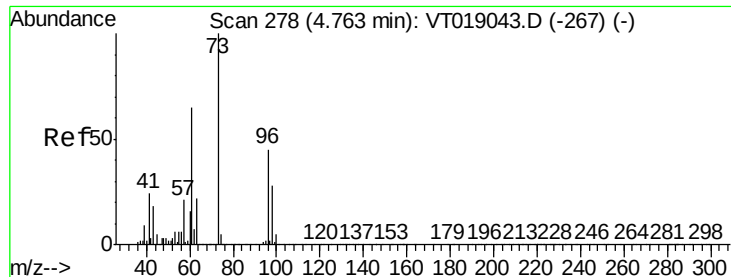
74 24.5 19.8 29.8



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 74.10 (73.80 to 74.80): VT0



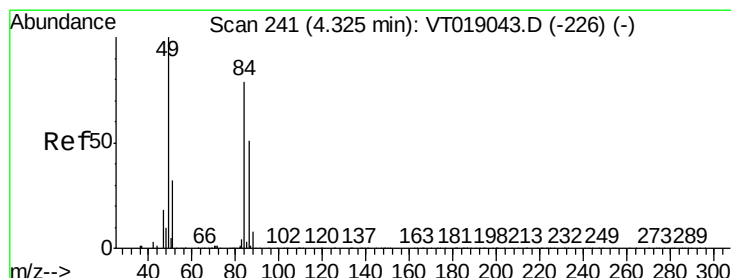
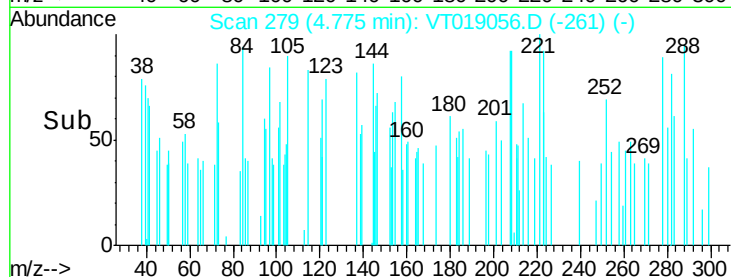
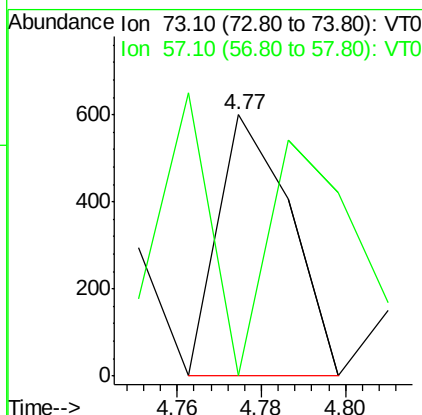
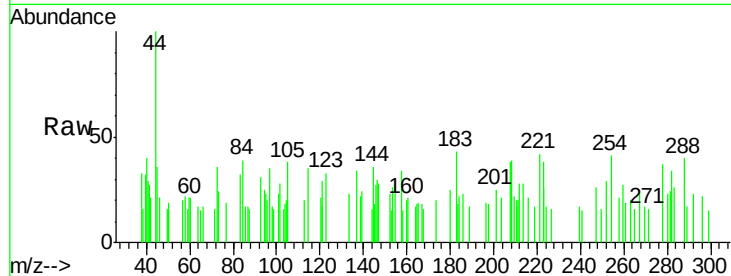


#19

Methyl tert-butyl Ether
Concen: 2.043 ug/l
RT: 4.77 min Scan# 279
Delta R.T. 0.01 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Instrument :
MSVOA_T
ClientSampleId :
PL-02-050418-ARE

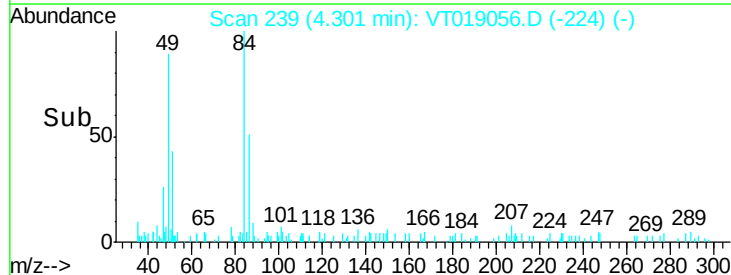
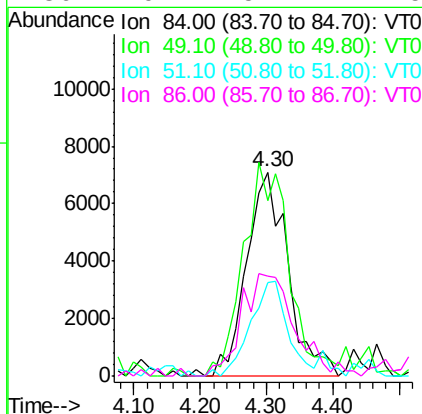
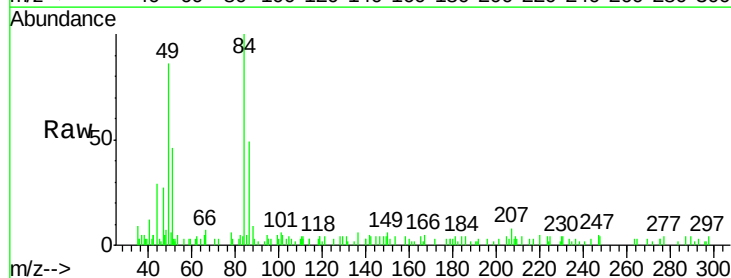
Tgt Ion: 73 Resp: 715
Ion Ratio Lower Upper
73 100
57 36.7 16.6 25.0#

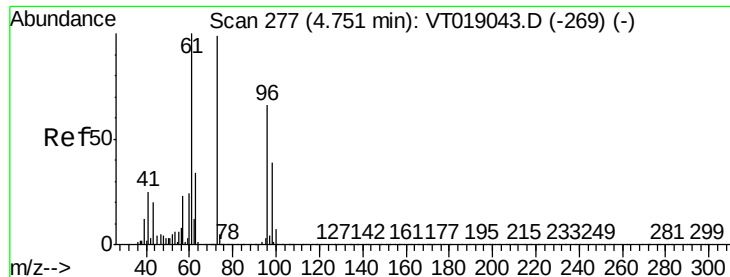


#20

Methylene Chloride
Concen: 164.895 ug/l
RT: 4.30 min Scan# 239
Delta R.T. -0.02 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Tgt Ion: 84 Resp: 30653
Ion Ratio Lower Upper
84 100
49 86.2 103.0 154.4#
51 48.9 33.3 49.9
86 49.1 51.7 77.5#





#21

trans-1,2-Dichloroethene

Concen: 3.739 ug/l

RT: 4.72 min Scan# 274

Delta R.T. -0.04 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

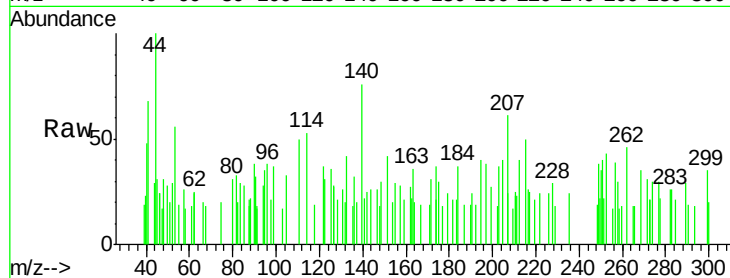
Tgt Ion: 96 Resp: 771

Ion Ratio Lower Upper

96 100

61 46.8 120.8 181.2#

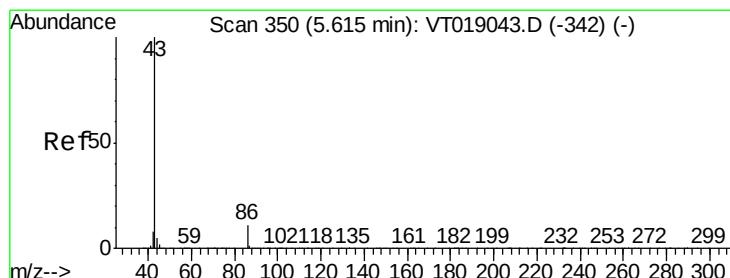
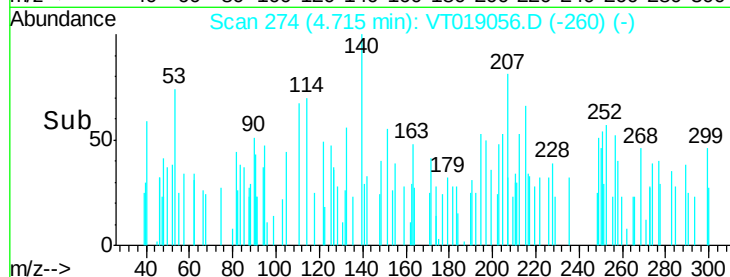
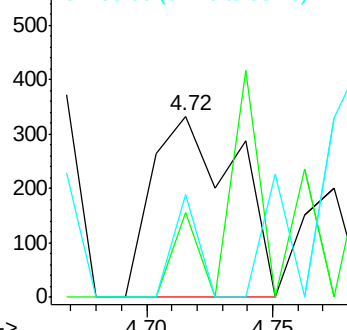
98 56.8 47.4 71.2



Abundance Ion 96.00 (95.70 to 96.70): VT0

Ion 61.00 (60.70 to 61.70): VT0

Ion 98.00 (97.70 to 98.70): VT0



#23

Vinyl Acetate

Concen: 5.237 ug/l

RT: 5.60 min Scan# 349

Delta R.T. -0.01 min

Lab File: VT019056.D

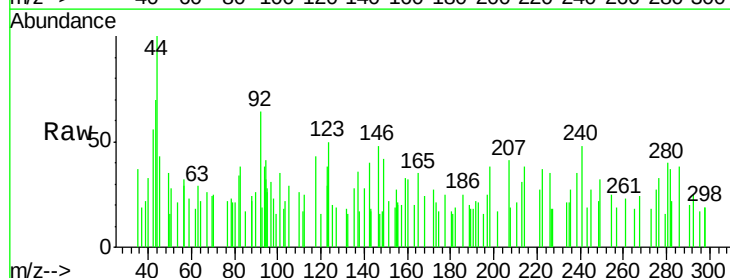
Acq: 9 May 2018 14:23

Tgt Ion: 43 Resp: 1299

Ion Ratio Lower Upper

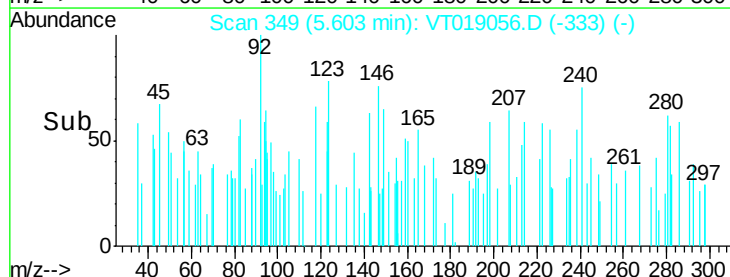
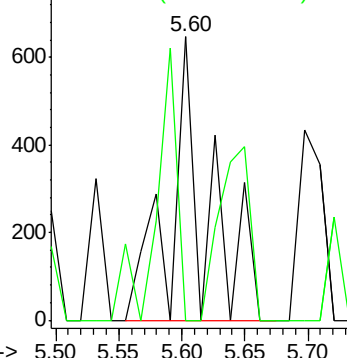
43 100

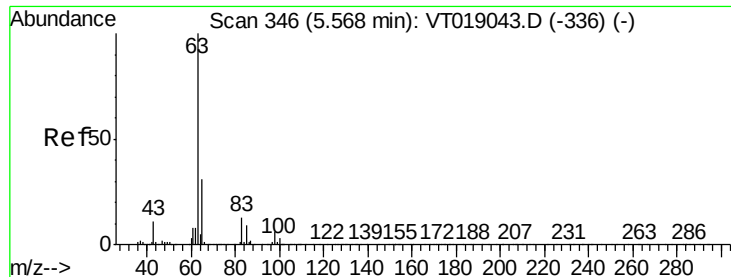
86 0.0 8.6 13.0#



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 86.10 (85.80 to 86.80): VT0





#24

1,1-Dichloroethane

Concen: 1.659 ug/l

RT: 5.57 min Scan# 346

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

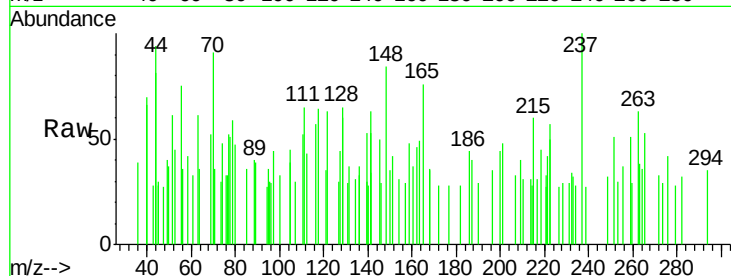
Tgt Ion: 63 Resp: 648

Ion Ratio Lower Upper

63 100

98 0.0 2.8 8.4#

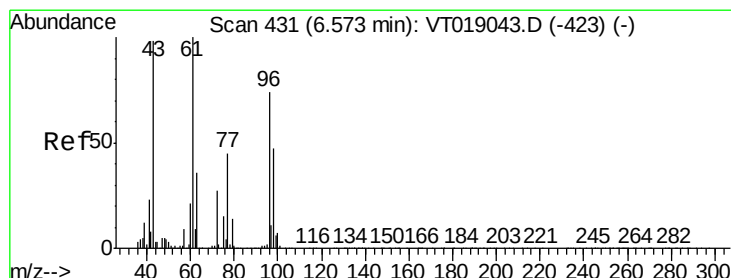
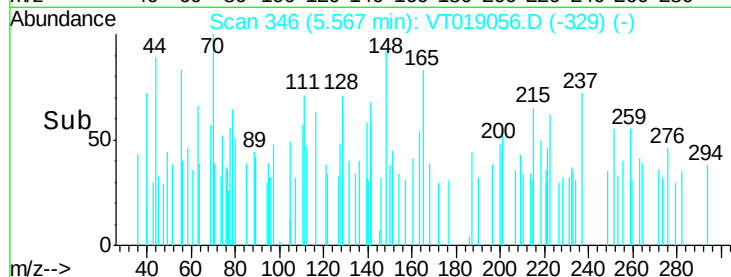
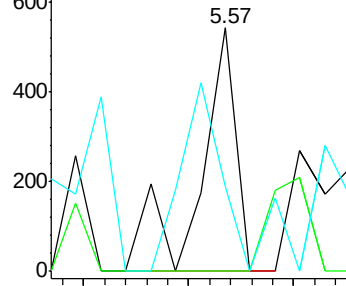
100 34.7 1.7 5.1#



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: 30.153 ug/l

RT: 6.57 min Scan# 431

Delta R.T. -0.00 min

Lab File: VT019056.D

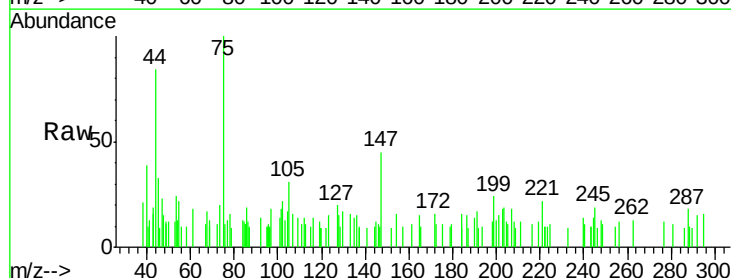
Acq: 9 May 2018 14:23

Tgt Ion: 43 Resp: 1172

Ion Ratio Lower Upper

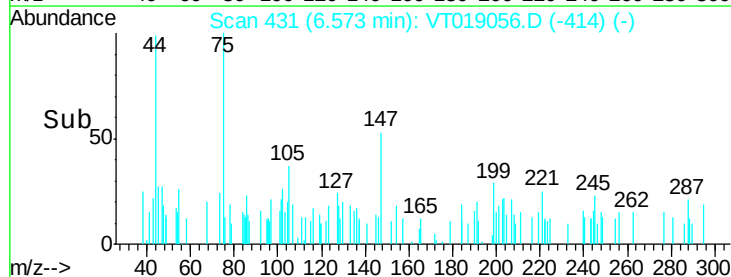
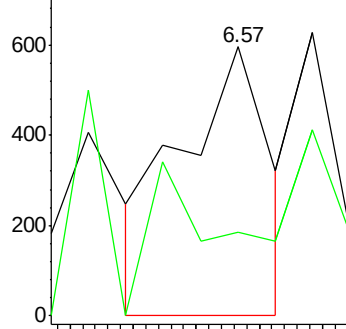
43 100

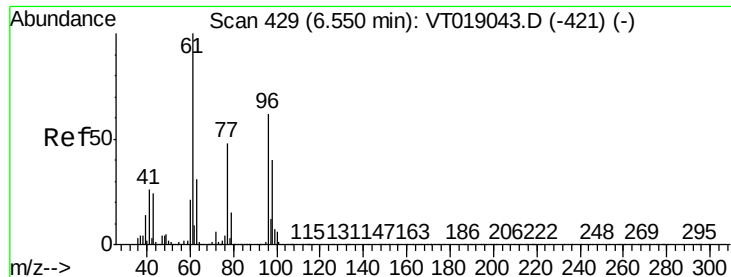
72 31.0 22.1 33.1



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 72.10 (71.80 to 72.80): VT0

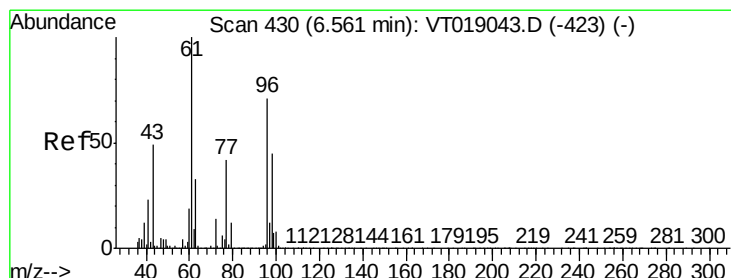
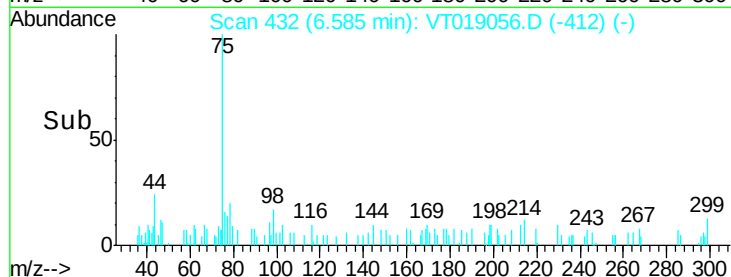
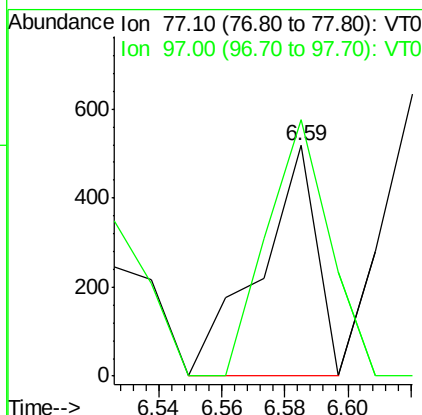
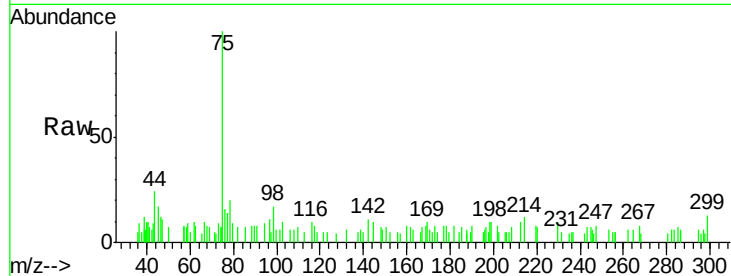




#26
 2,2-Dichloropropane
 Concen: 4.123 ug/l
 RT: 6.59 min Scan# 432
 Delta R.T. 0.04 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

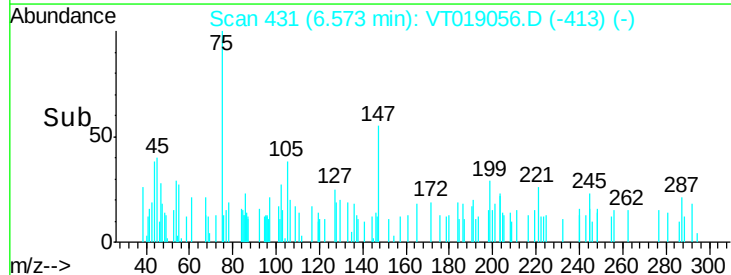
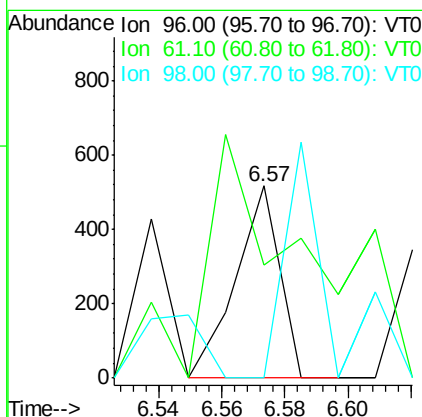
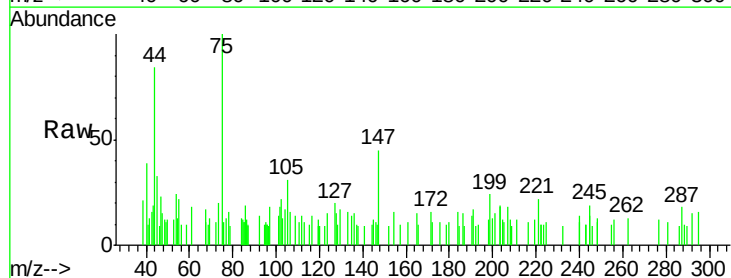
Instrument :
 MSVOA_T
 ClientSampleId :
 PL-02-050418-ARE

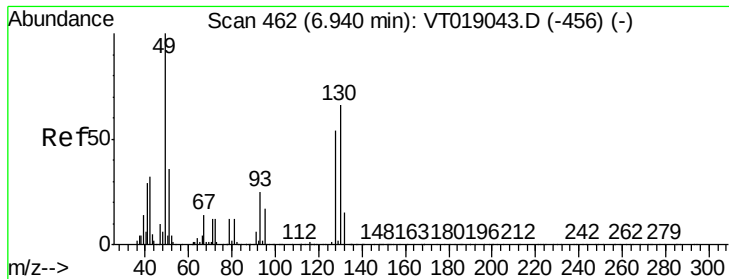
Tgt Ion: 77 Resp: 650
 Ion Ratio Lower Upper
 77 100
 97 111.0 12.2 36.4#



#27
 cis-1,2-Dichloroethene
 Concen: 2.429 ug/l
 RT: 6.57 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

Tgt Ion: 96 Resp: 492
 Ion Ratio Lower Upper
 96 100
 61 59.0 0.0 282.0
 98 0.0 0.0 125.8





#28

Bromochloromethane

Concen: 5.596 ug/l

RT: 6.95 min Scan# 463

Delta R.T. 0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

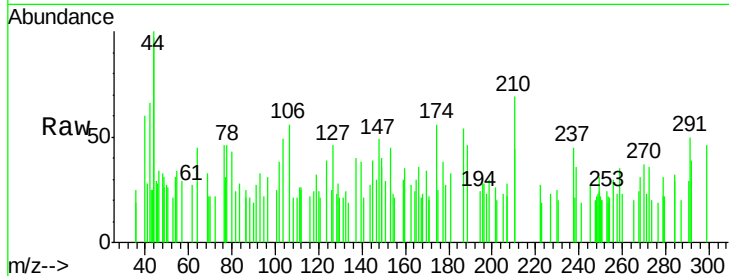
Tgt Ion: 49 Resp: 726

Ion Ratio Lower Upper

49 100

129 157.1 0.0 3.8#

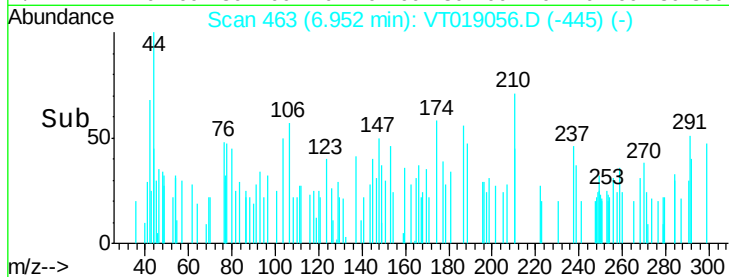
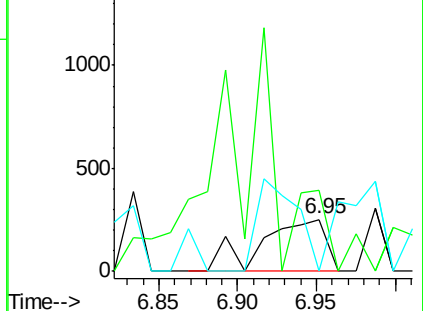
130 0.0 52.4 78.6#



Abundance Ion 49.10 (48.80 to 49.80): VT0

Ion 129.00 (128.70 to 129.70): VT0

Ion 129.90 (129.60 to 130.60): VT0



#29

Chloroform

Concen: 1.023 ug/l

RT: 7.15 min Scan# 480

Delta R.T. 0.02 min

Lab File: VT019056.D

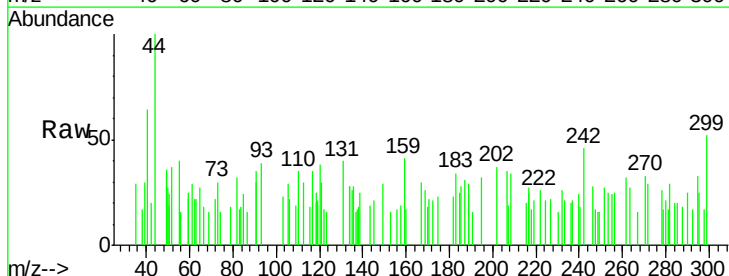
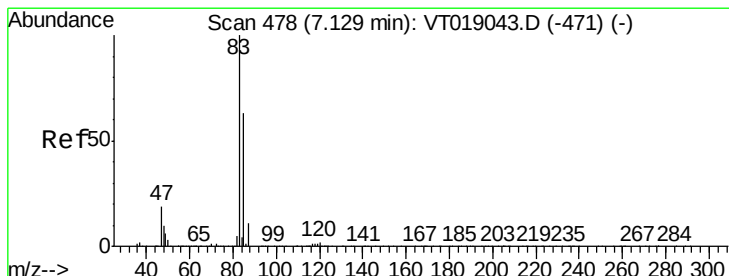
Acq: 9 May 2018 14:23

Tgt Ion: 83 Resp: 374

Ion Ratio Lower Upper

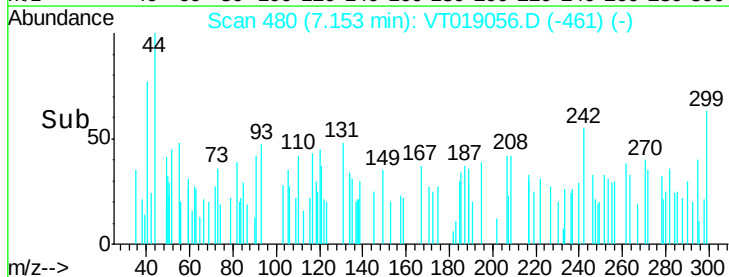
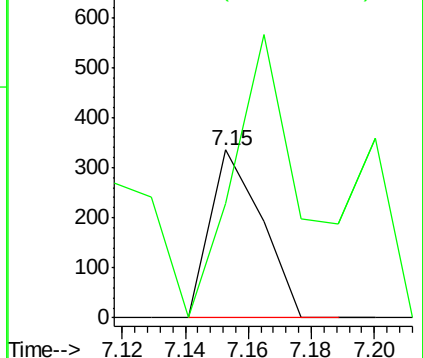
83 100

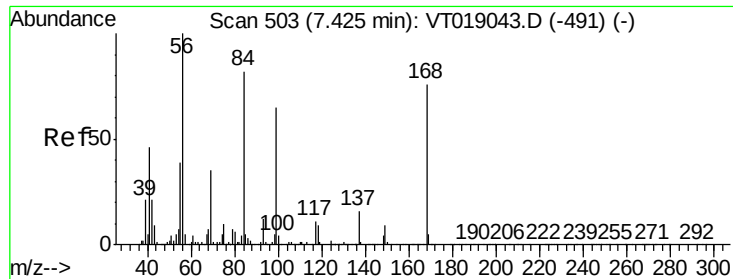
85 68.1 50.6 76.0



Abundance Ion 83.00 (82.70 to 83.70): VT0

Ion 85.00 (84.70 to 85.70): VT0

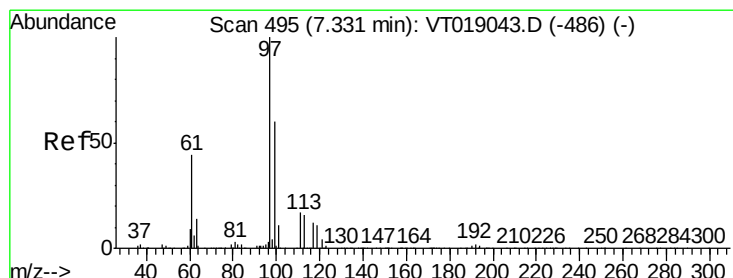
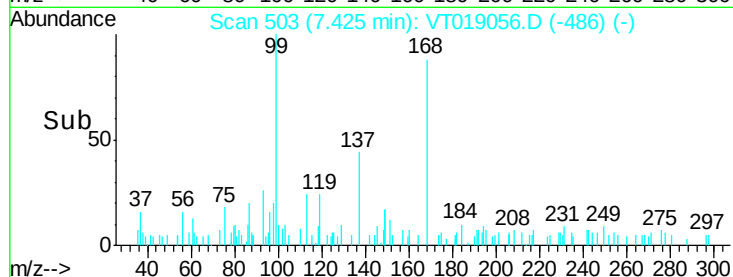
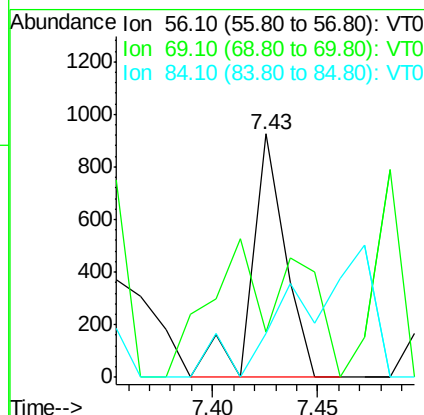
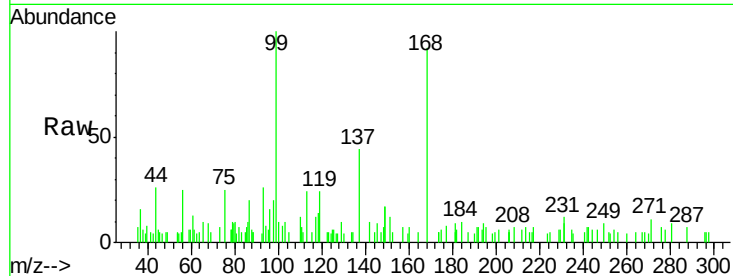




#30
Cyclohexane
Concen: 2.428 ug/l
RT: 7.43 min Scan# 503
Delta R.T. -0.00 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

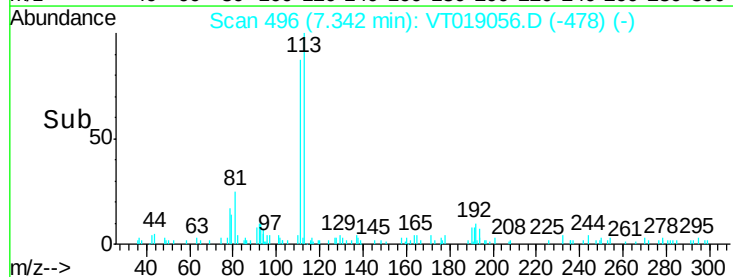
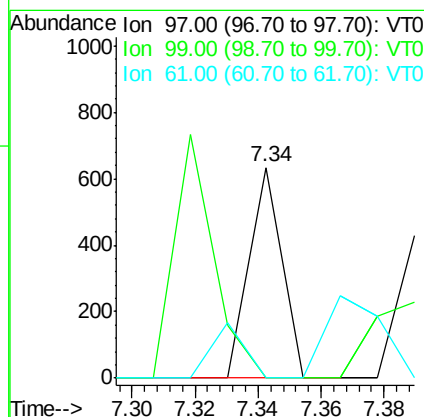
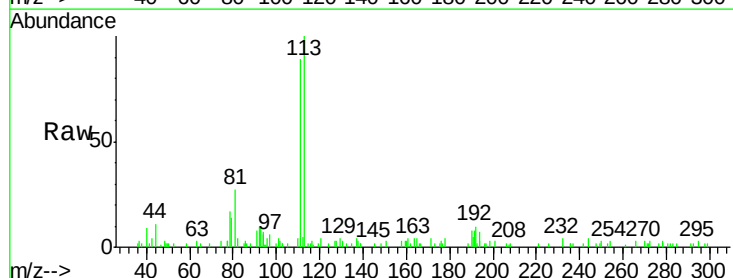
Instrument :
MSVOA_T
ClientSampleId :
PL-02-050418-ARE

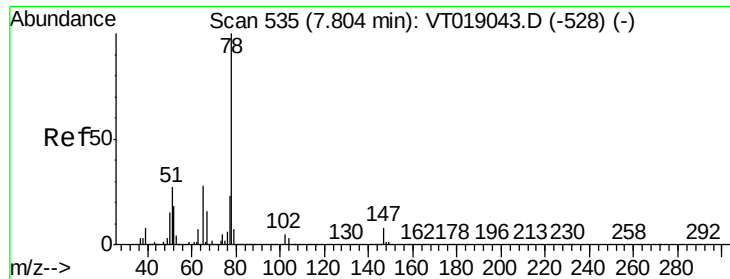
Tgt Ion: 56 Resp: 1028
Ion Ratio Lower Upper
56 100
69 18.4 28.2 42.2#
84 18.3 65.6 98.4#



#31
1,1,1-Trichloroethane
Concen: 1.593 ug/l
RT: 7.34 min Scan# 496
Delta R.T. 0.01 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Tgt Ion: 97 Resp: 450
Ion Ratio Lower Upper
97 100
99 26.5 47.6 71.4#
61 0.0 35.3 52.9#





#32

1,2-Dichloroethane-d4

Concen: 322.309 ug/l

RT: 7.82 min Scan# 536

Delta R.T. 0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

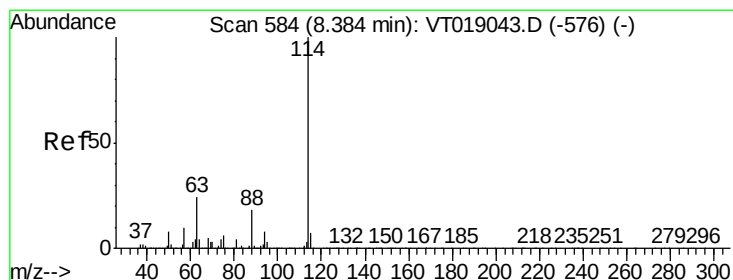
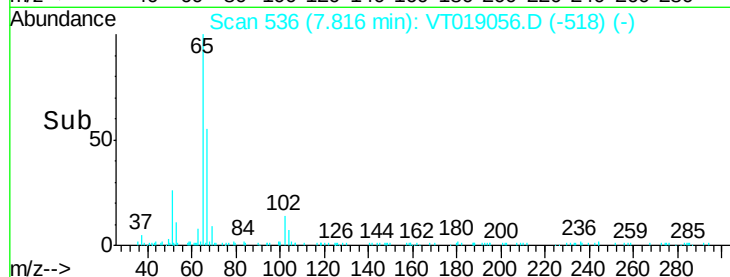
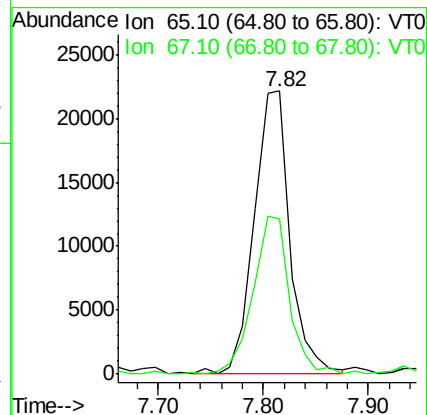
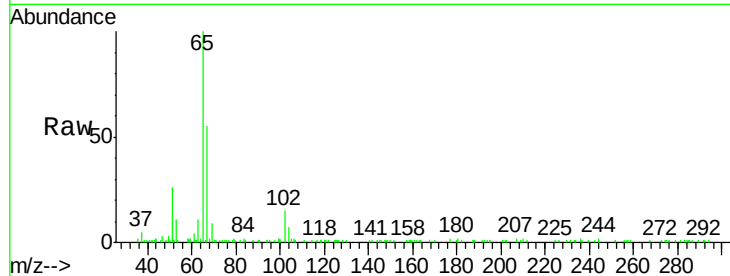
PL-02-050418-ARE

Tgt Ion: 65 Resp: 52407

Ion Ratio Lower Upper

65 100

67 55.1 0.0 114.2



#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.38 min Scan# 584

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

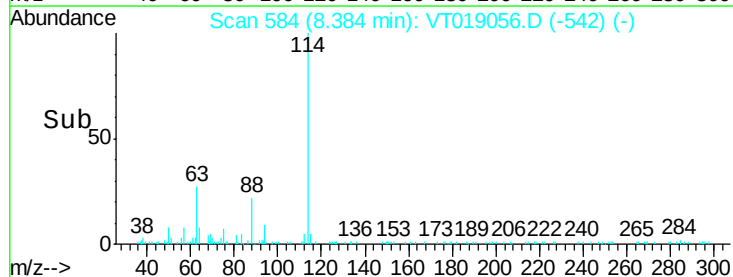
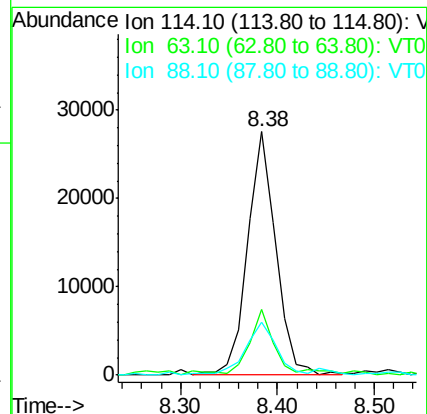
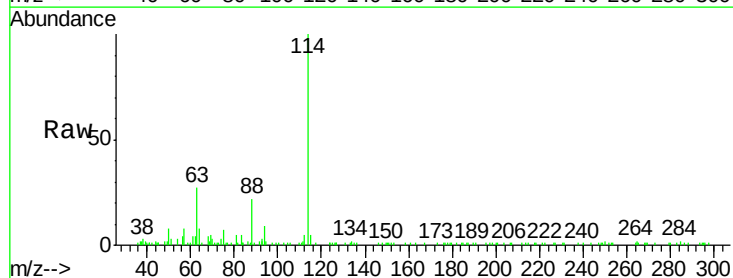
Tgt Ion: 114 Resp: 55774

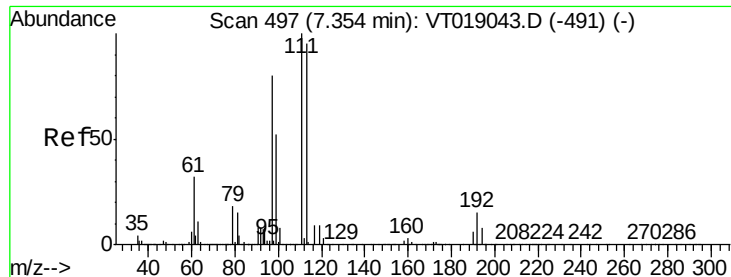
Ion Ratio Lower Upper

114 100

63 27.2 0.0 48.8

88 21.7 0.0 37.0

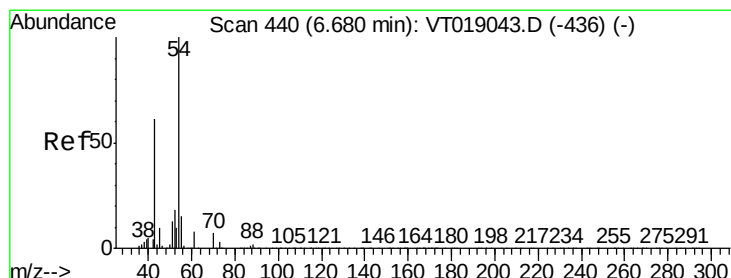
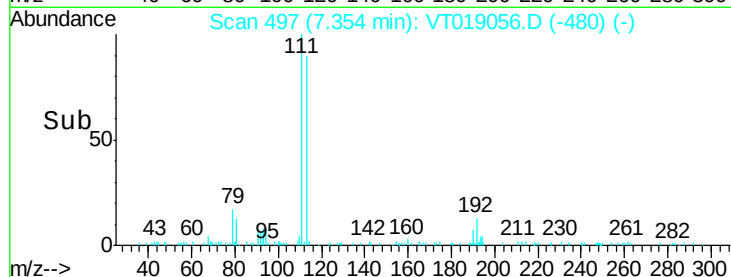
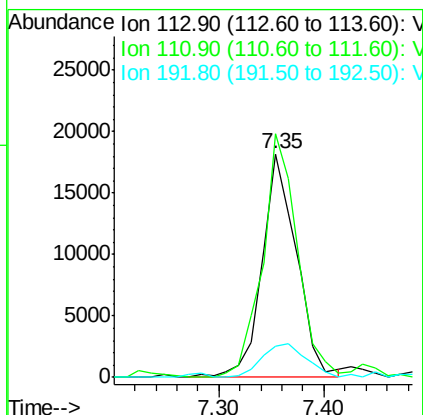
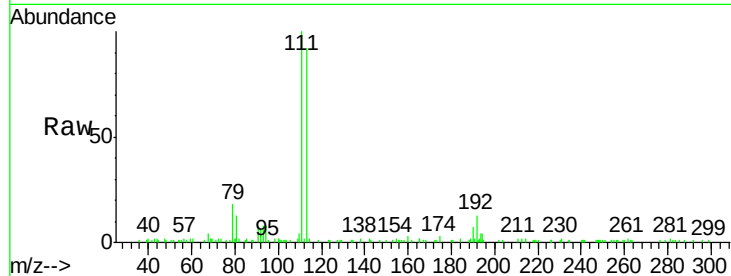




#34
Dibromofluoromethane
Concen: 133.465 ug/l
RT: 7.35 min Scan# 497
Delta R.T. -0.00 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

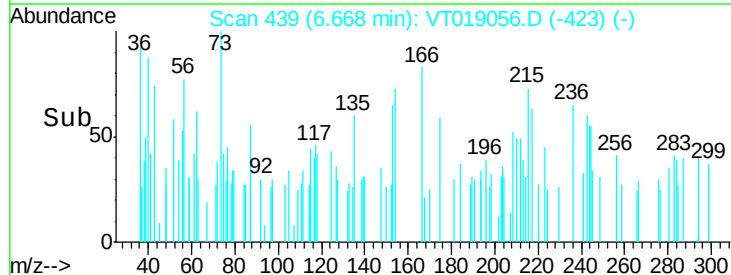
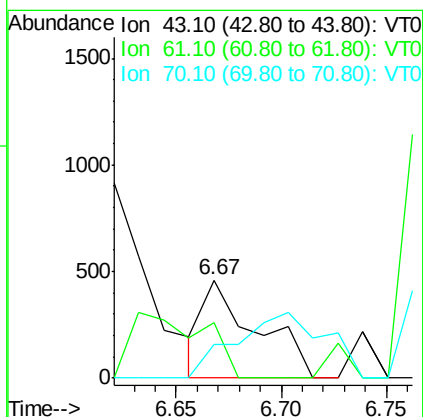
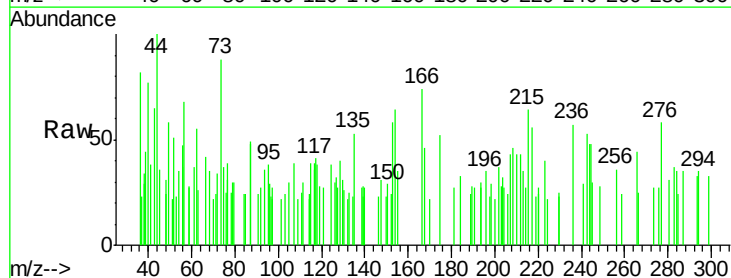
Instrument :
MSVOA_T
ClientSampleId :
PL-02-050418-ARE

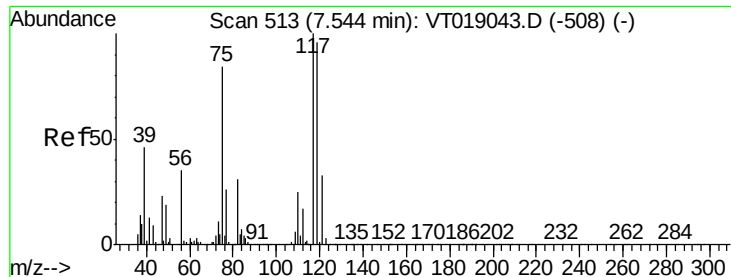
Tgt Ion:113 Resp: 41684
Ion Ratio Lower Upper
113 100
111 108.8 84.0 126.0
192 13.7 12.9 19.3



#36
Ethyl Acetate
Concen: 4.914 ug/l
RT: 6.67 min Scan# 439
Delta R.T. -0.01 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
61 56.7 14.2 21.2#
70 34.3 8.4 12.6#





#37

Carbon Tetrachloride

Concen: 1.281 ug/l

RT: 7.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

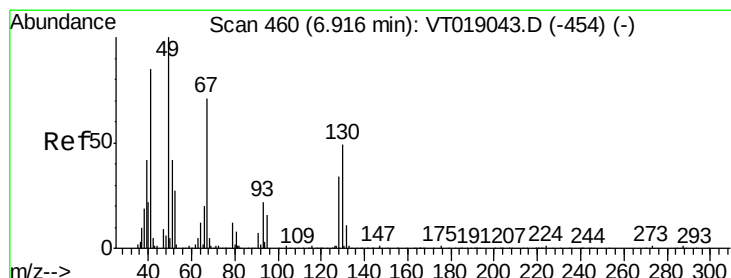
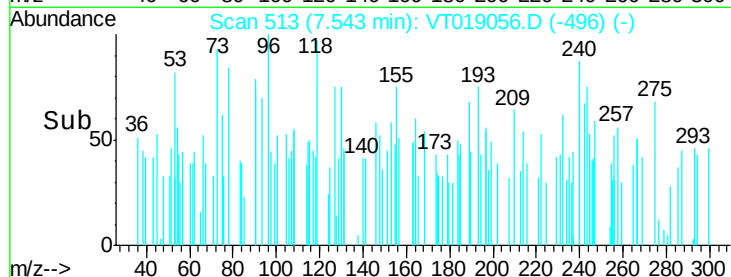
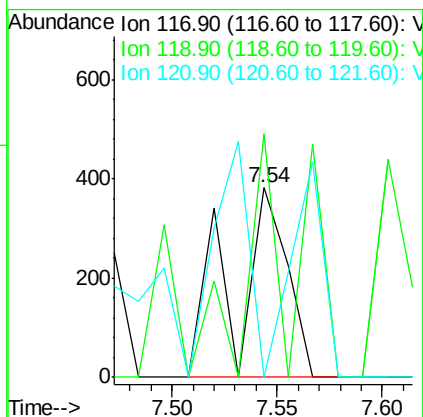
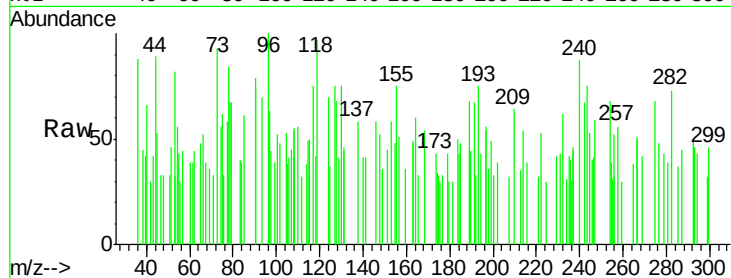
Tgt Ion:117 Resp: 673

Ion Ratio Lower Upper

117 100

119 128.5 76.5 114.7#

121 0.0 26.0 39.0#



#40

Methacrylonitrile

Concen: 4.187 ug/l

RT: 6.89 min Scan# 458

Delta R.T. -0.02 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Tgt Ion: 41 Resp: 351

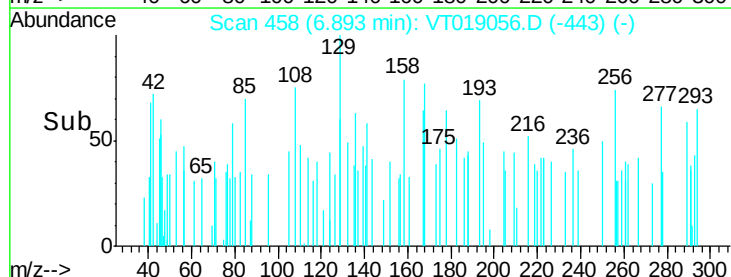
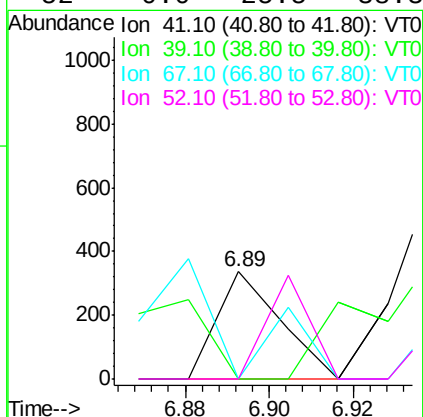
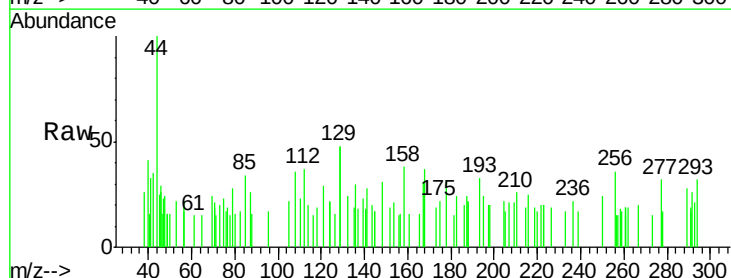
Ion Ratio Lower Upper

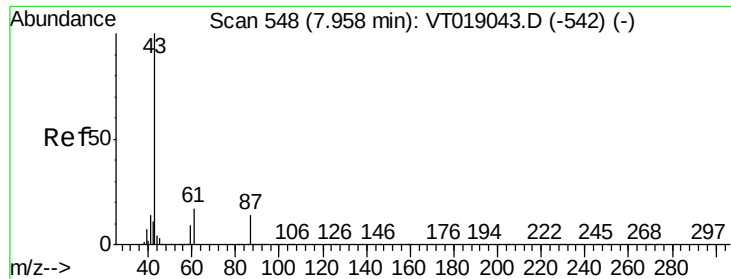
41 100

39 0.0 39.4 59.0#

67 0.0 66.8 100.2#

52 0.0 25.5 38.3#





#42

Isopropyl Acetate

Concen: 4.022 ug/l

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

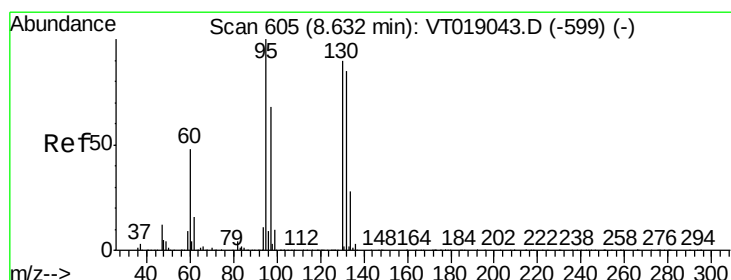
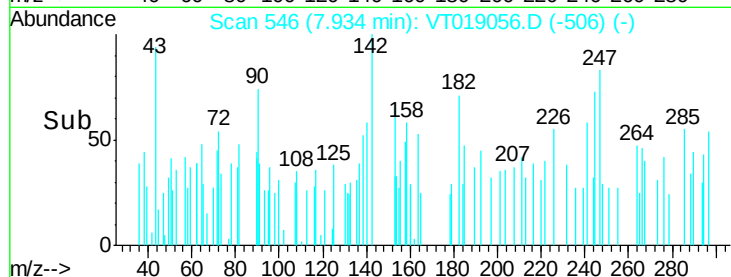
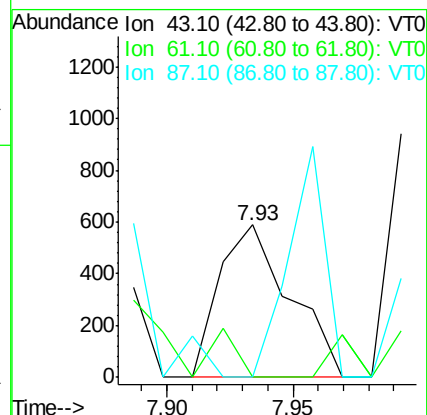
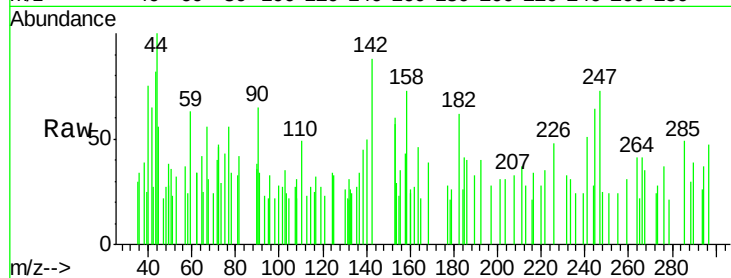
Tgt Ion: 43 Resp: 1147

Ion Ratio Lower Upper

43 100

61 0.0 17.9 26.9#

87 0.0 11.0 16.6#



#43

Trichloroethene

Concen: 1.157 ug/l

RT: 8.62 min Scan# 604

Delta R.T. -0.01 min

Lab File: VT019056.D

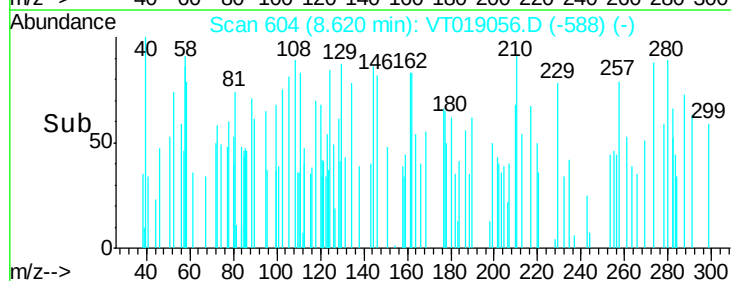
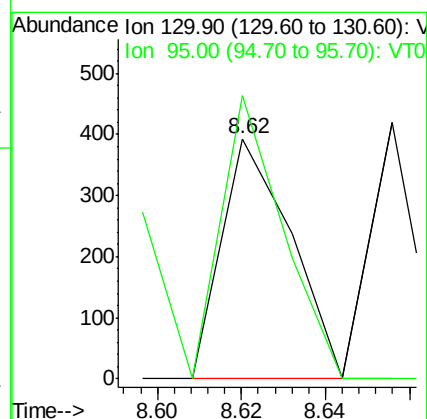
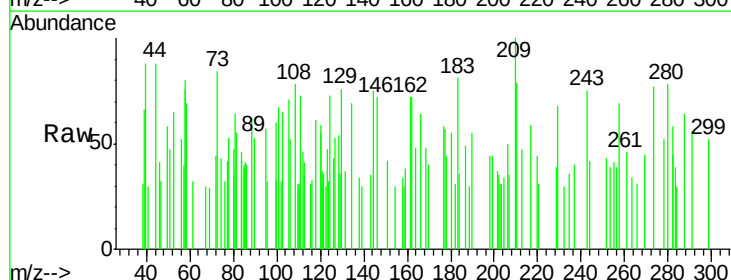
Acq: 9 May 2018 14:23

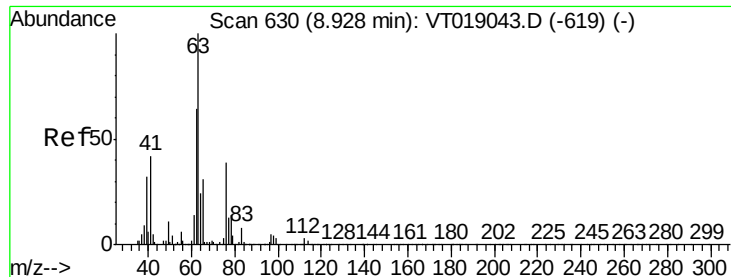
Tgt Ion: 130 Resp: 447

Ion Ratio Lower Upper

130 100

95 117.8 0.0 222.6

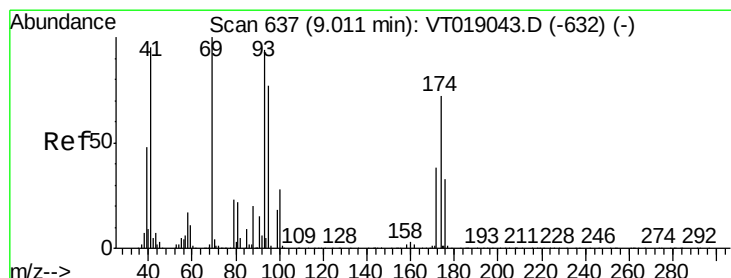
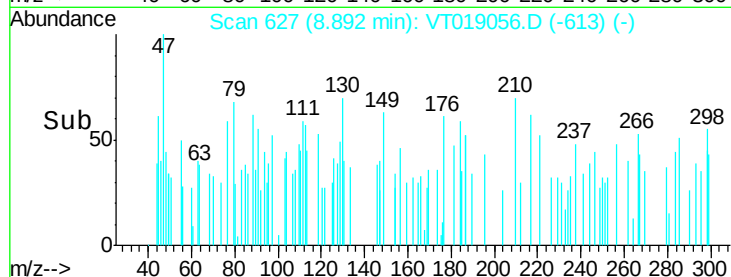
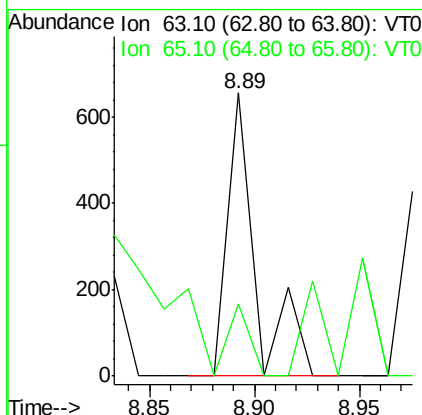
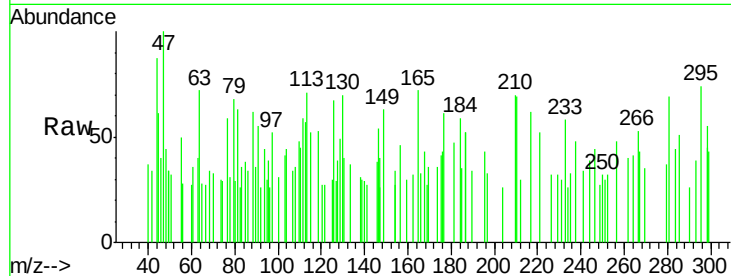




#44
 1,2-Dichloropropane
 Concen: 1.555 ug/l
 RT: 8.89 min Scan# 627
 Delta R.T. -0.04 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

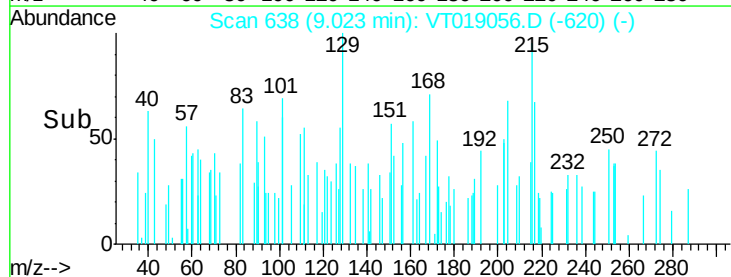
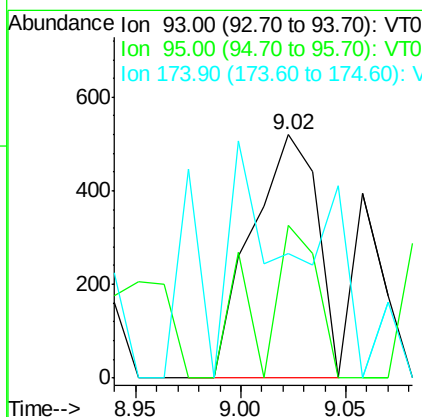
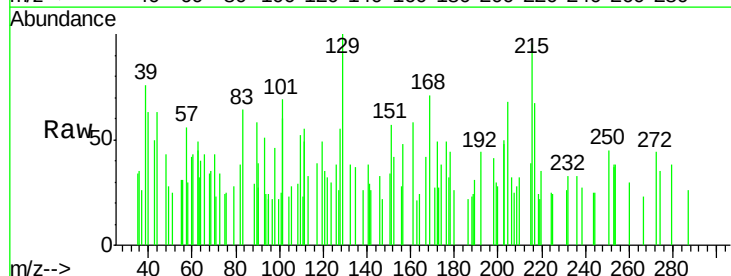
Instrument :
 MSVOA_T
 ClientSampleId :
 PL-02-050418-ARE

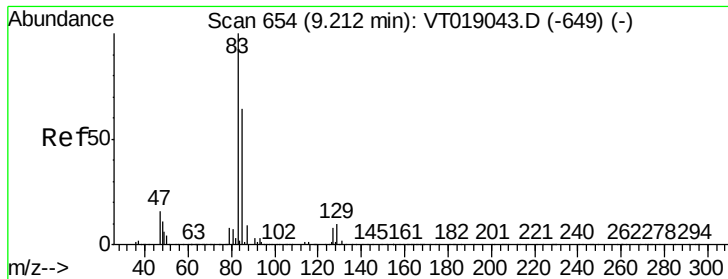
Tgt Ion: 63 Resp: 612
 Ion Ratio Lower Upper
 63 100
 65 25.3 25.0 37.4



#45
 Dibromomethane
 Concen: 7.282 ug/l
 RT: 9.02 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

Tgt Ion: 93 Resp: 1127
 Ion Ratio Lower Upper
 93 100
 95 62.7 65.5 98.3#
 174 51.2 60.9 91.3#





#46

Bromodichloromethane

Concen: 1.552 ug/l

RT: 9.20 min Scan# 653

Delta R.T. -0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

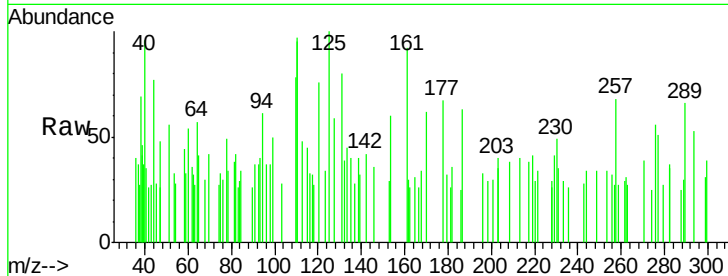
Tgt Ion: 83 Resp: 698

Ion Ratio Lower Upper

83 100

85 0.0 51.3 76.9#

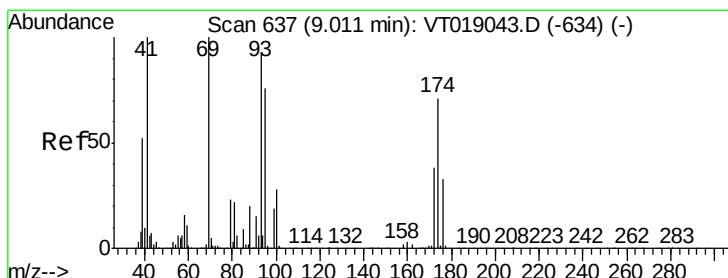
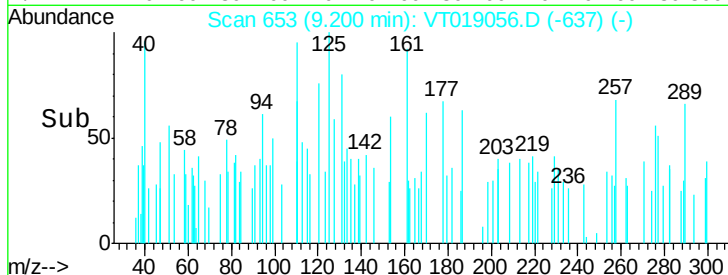
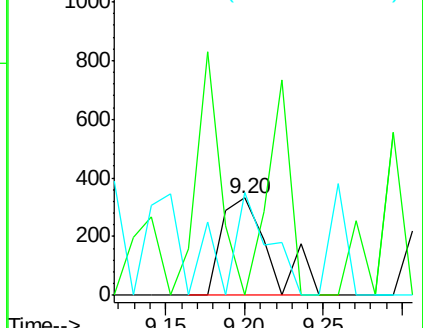
127 105.7 6.1 9.1#



Abundance Ion 83.00 (82.70 to 83.70): VT0

Ion 85.00 (84.70 to 85.70): VT0

Ion 126.90 (126.60 to 127.60): VT0



#47

Methyl methacrylate

Concen: 1.316 ug/l

RT: 9.01 min Scan# 637

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

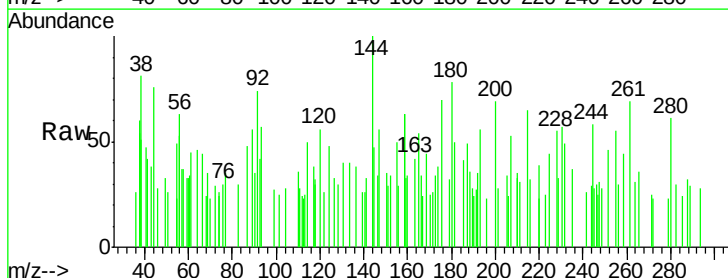
Tgt Ion: 41 Resp: 194

Ion Ratio Lower Upper

41 100

69 55.3 78.4 117.6#

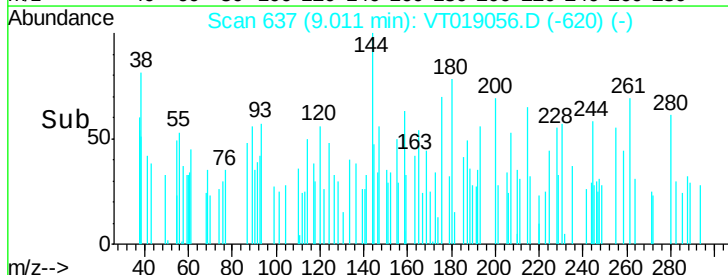
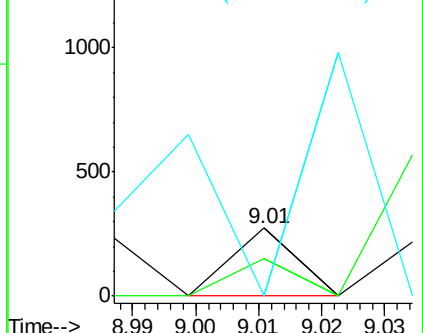
39 0.0 41.4 62.2#

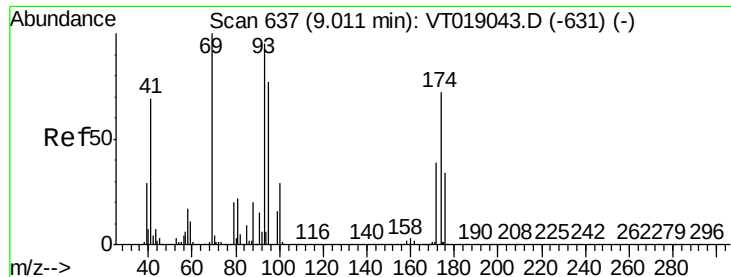


Abundance Ion 41.10 (40.80 to 41.80): VT0

Ion 69.10 (68.80 to 69.80): VT0

Ion 39.10 (38.80 to 39.80): VT0

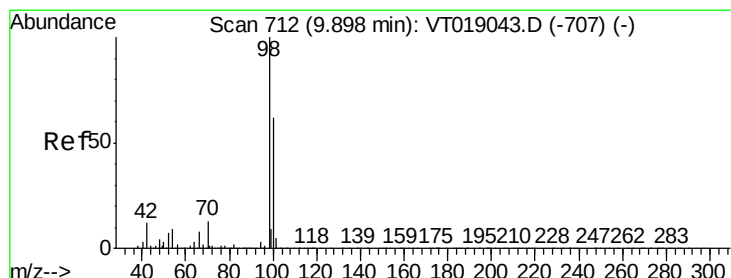
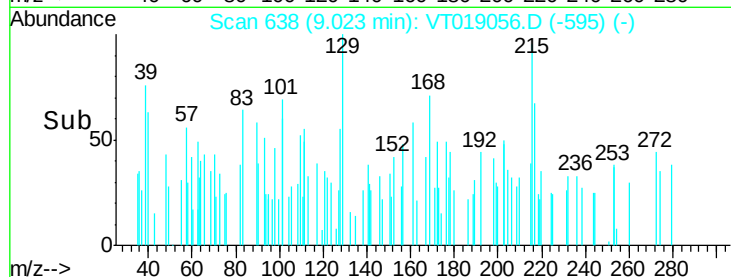
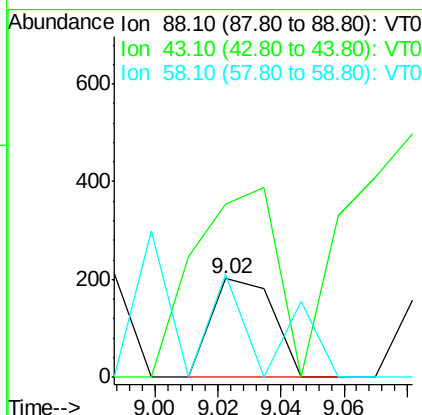
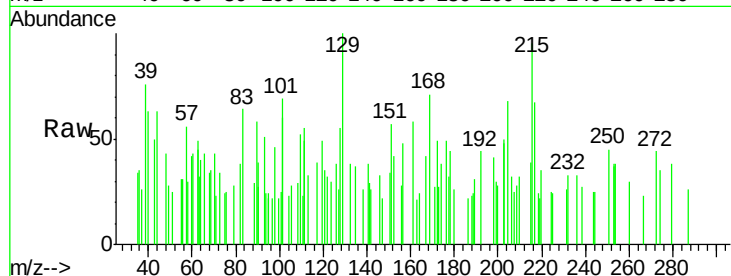




#48
1,4-Dioxane
Concen: 143.808 ug/l
RT: 9.02 min Scan# 638
Delta R.T. 0.01 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

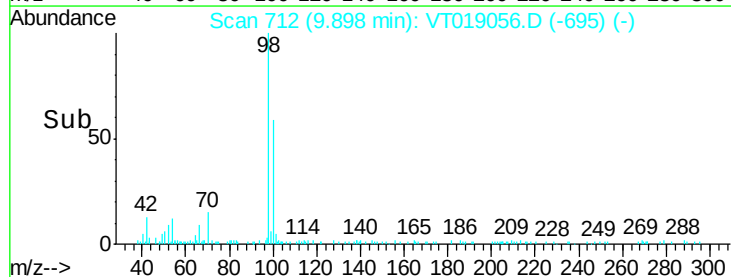
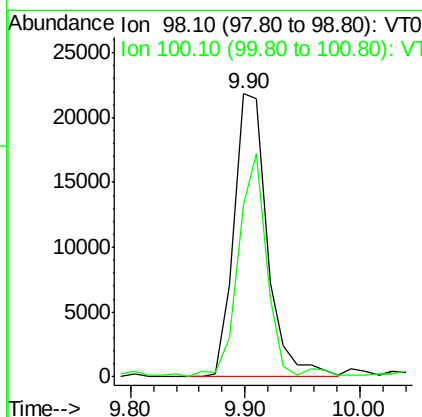
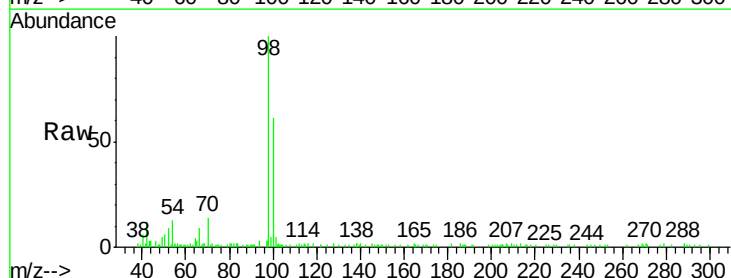
Instrument :
MSVOA_T
ClientSampleId :
PL-02-050418-ARE

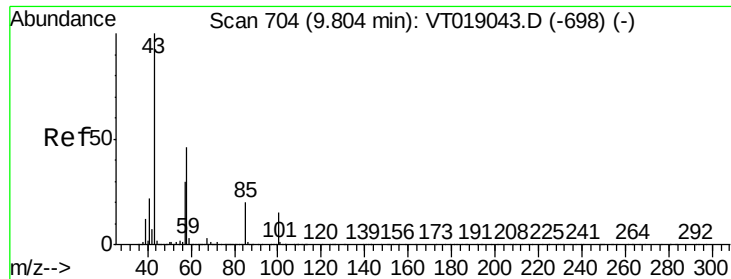
Tgt Ion: 88 Resp: 273
Ion Ratio Lower Upper
88 100
43 174.8 30.5 45.7#
58 104.0 67.5 101.3#



#49
Toluene-d8
Concen: 33.241 ug/l
RT: 9.90 min Scan# 712
Delta R.T. -0.00 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Tgt Ion: 98 Resp: 44538
Ion Ratio Lower Upper
98 100
100 60.7 50.0 75.0

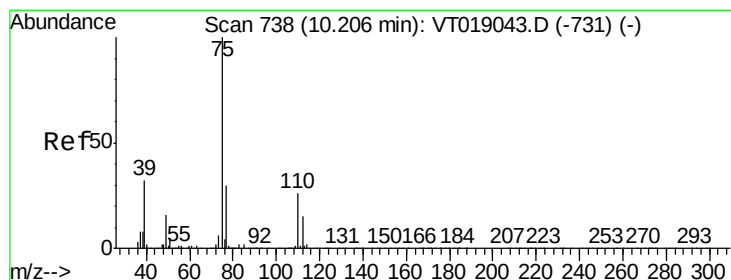
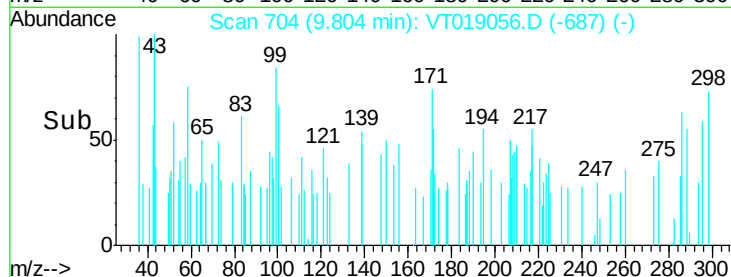
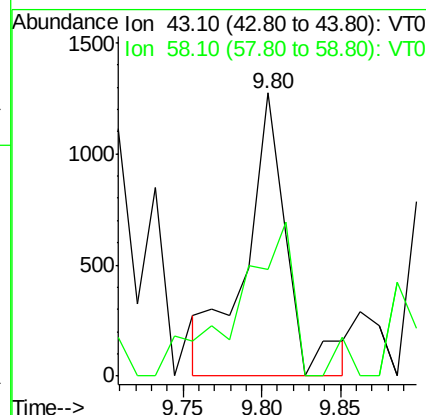
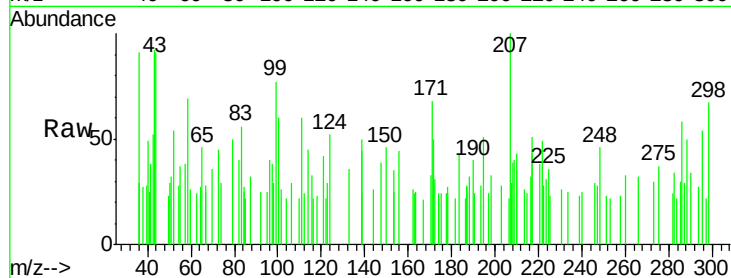




#50
4-Methyl-2-Pentanone
Concen: 14.899 ug/l
RT: 9.80 min Scan# 704
Delta R.T. -0.00 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

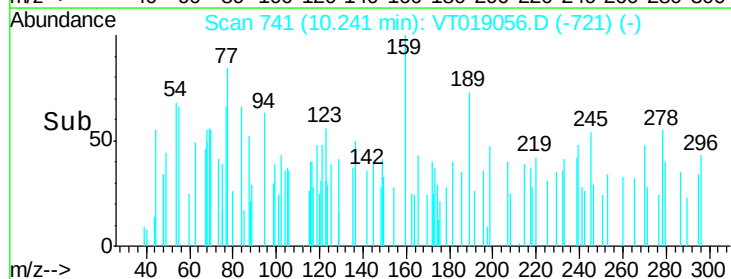
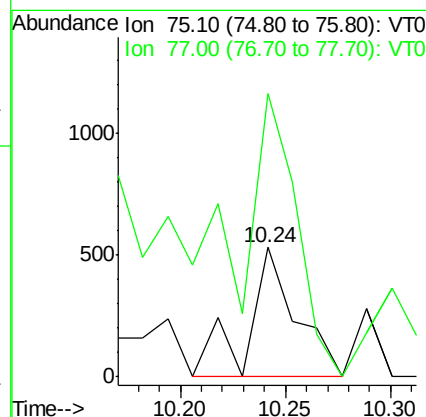
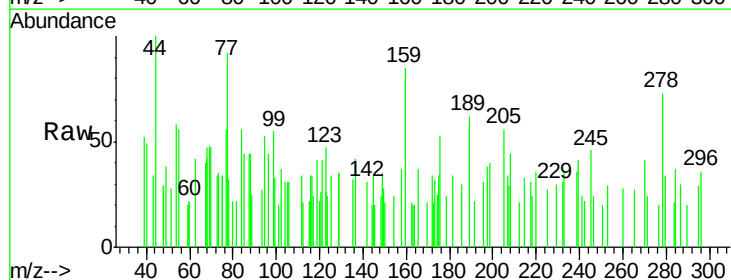
Instrument :
MSVOA_T
ClientSampleId :
PL-02-050418-ARE

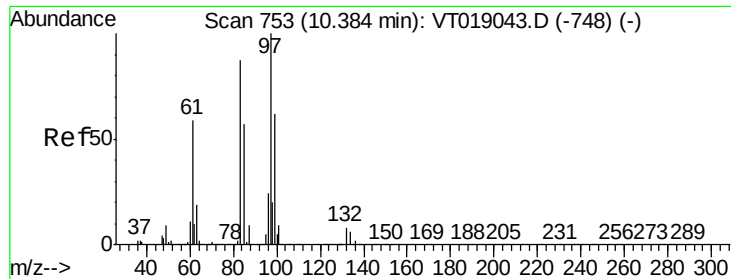
Tgt Ion: 43 Resp: 2330
Ion Ratio Lower Upper
43 100
58 37.9 36.6 54.8



#52
t-1,3-Dichloropropene
Concen: 2.086 ug/l
RT: 10.24 min Scan# 741
Delta R.T. 0.04 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Tgt Ion: 75 Resp: 853
Ion Ratio Lower Upper
75 100
77 219.1 24.6 36.8#





#54

1,1,2-Trichloroethane

Concen: 2.153 ug/l

RT: 10.38 min Scan# 753

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

Tgt Ion: 97 Resp: 506

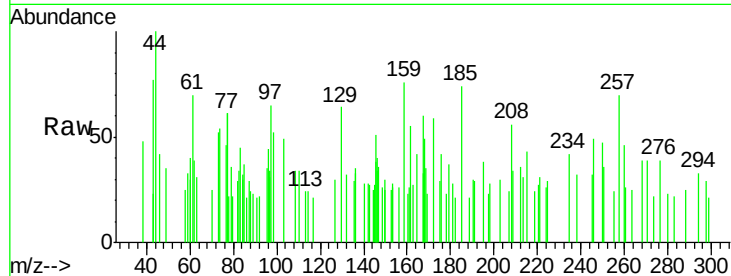
Ion Ratio Lower Upper

97 100

83 44.9 69.7 104.5#

85 37.7 46.1 69.1#

99 0.0 49.6 74.4#

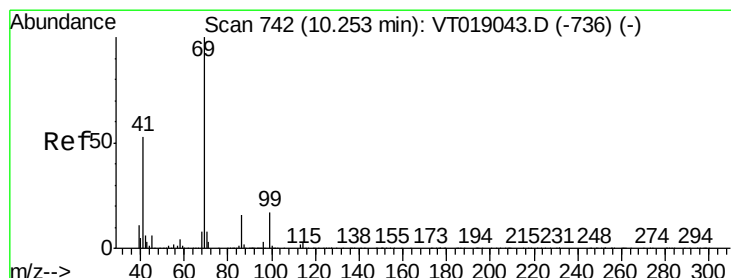
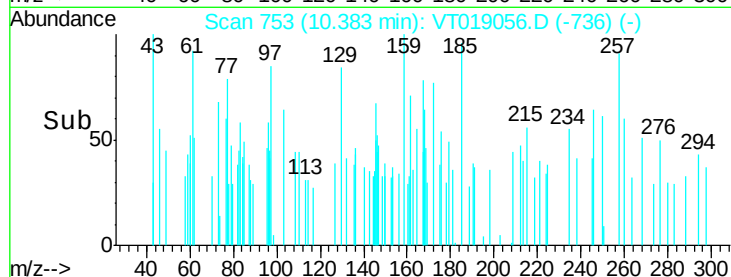
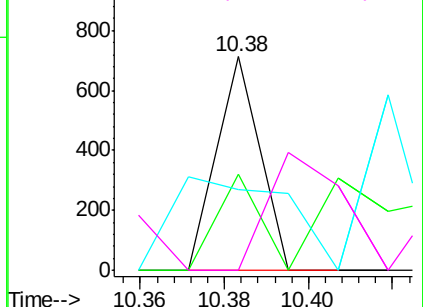


Abundance Ion 97.00 (96.70 to 97.70): VT0

Ion 83.00 (82.70 to 83.70): VT0

Ion 85.00 (84.70 to 85.70): VT0

Ion 99.00 (98.70 to 99.70): VT0



#55

Ethyl methacrylate

Concen: 3.488 ug/l

RT: 10.24 min Scan# 741

Delta R.T. -0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

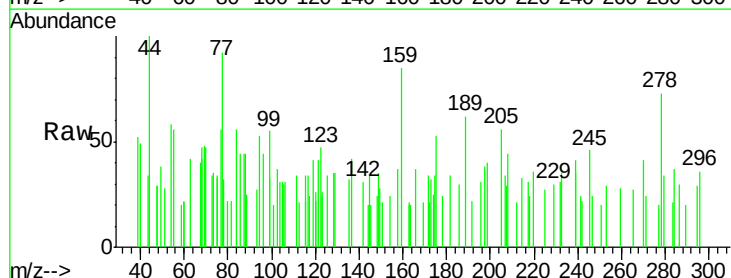
Tgt Ion: 69 Resp: 982

Ion Ratio Lower Upper

69 100

41 0.0 42.9 64.3#

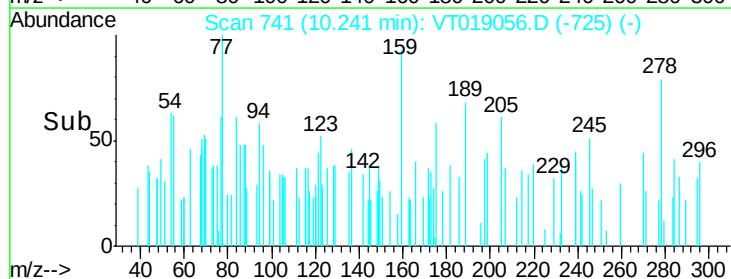
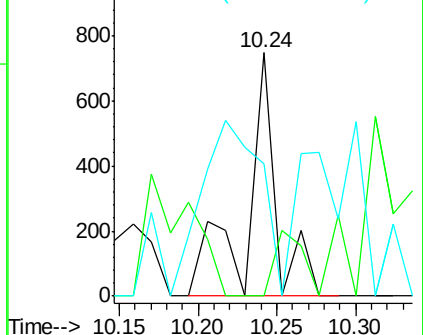
39 54.1 21.2 31.8#

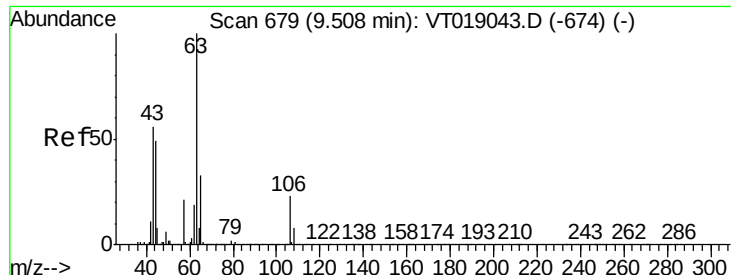


Abundance Ion 69.10 (68.80 to 69.80): VT0

Ion 41.10 (40.80 to 41.80): VT0

Ion 39.10 (38.80 to 39.80): VT0

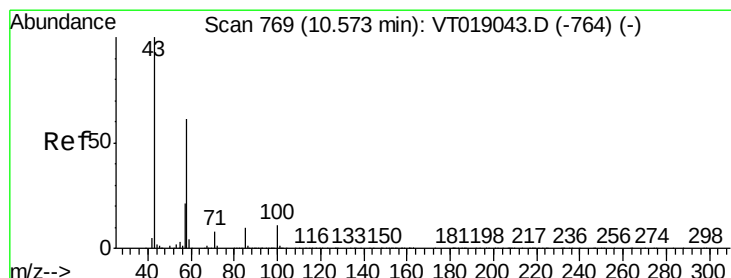
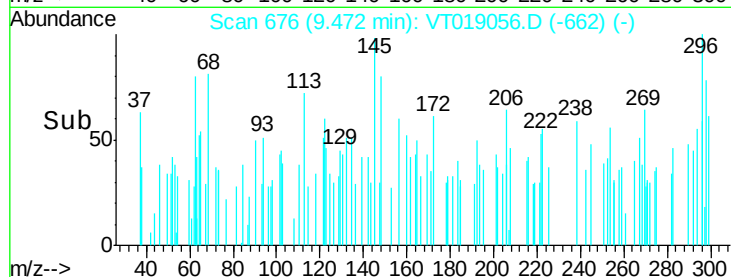
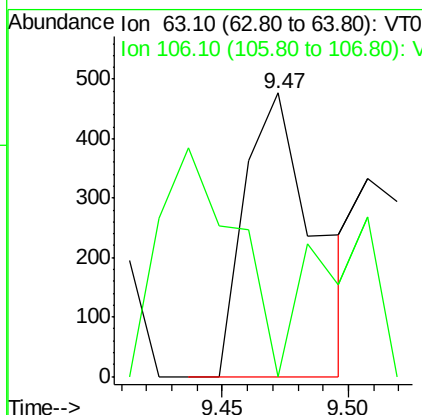
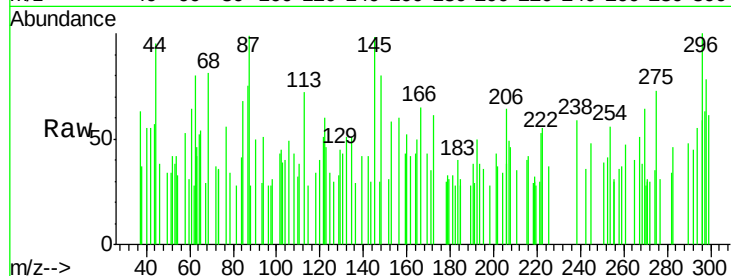




#57
 2-Chloroethyl Vinyl ether
 Concen: 7.199 ug/l
 RT: 9.47 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

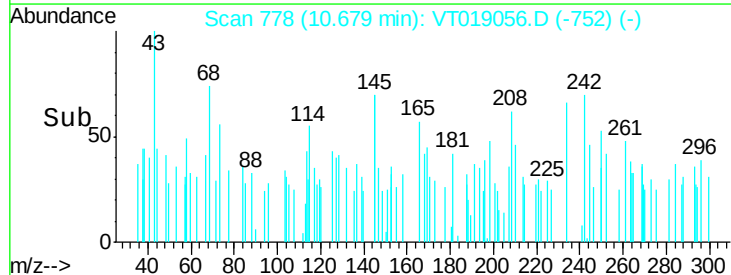
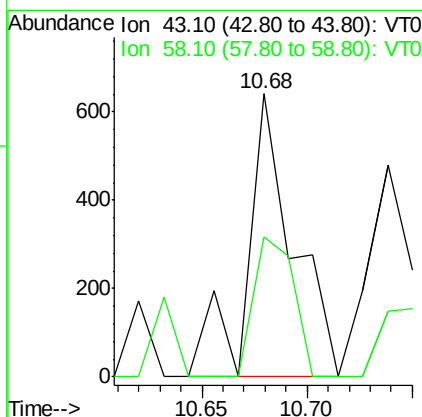
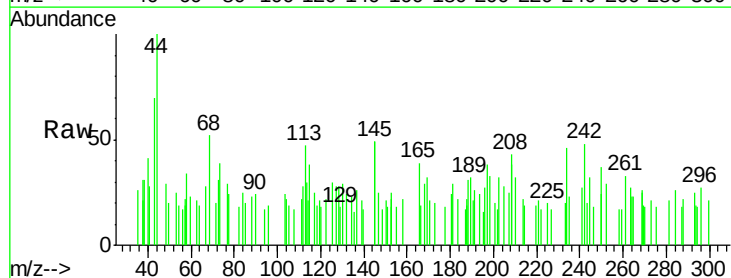
Instrument :
 MSVOA_T
 ClientSampleId :
 PL-02-050418-ARE

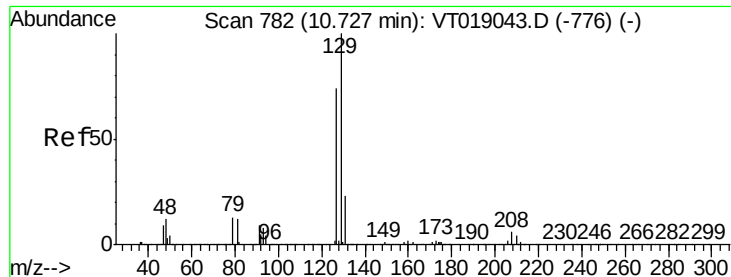
Tgt Ion: 63 Resp: 934
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#



#58
 2-Hexanone
 Concen: 8.651 ug/l
 RT: 10.68 min Scan# 778
 Delta R.T. 0.11 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

Tgt Ion: 43 Resp: 981
 Ion Ratio Lower Upper
 43 100
 58 49.3 30.6 92.0





#59

Dibromochloromethane

Concen: 5.738 ug/l

RT: 10.79 min Scan# 787

Delta R.T. 0.06 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

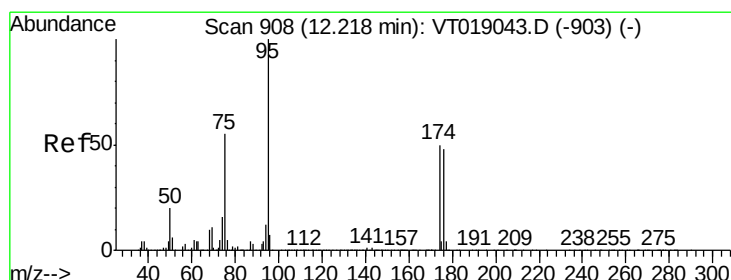
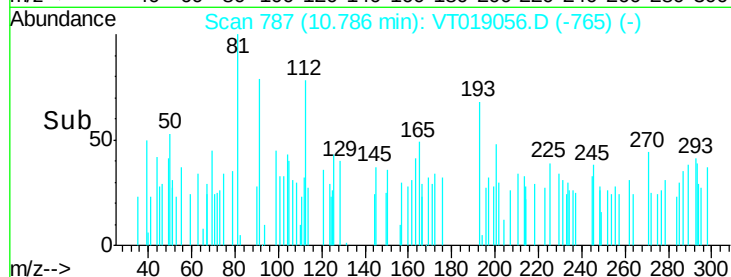
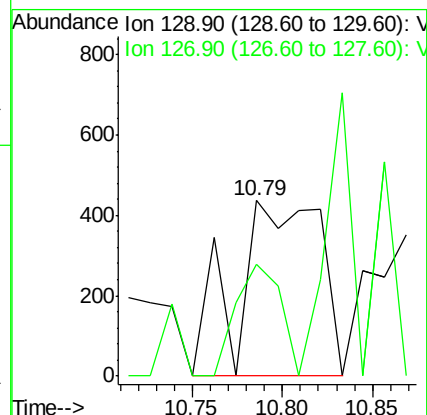
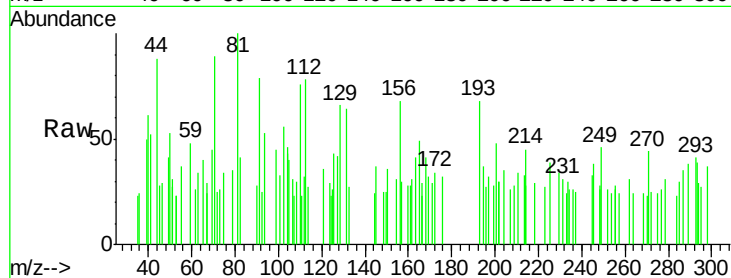
PL-02-050418-ARE

Tgt Ion:129 Resp: 1402

Ion Ratio Lower Upper

129 100

127 63.8 37.3 111.8



#61

4-Bromofluorobenzene

Concen: 16.957 ug/l

RT: 12.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

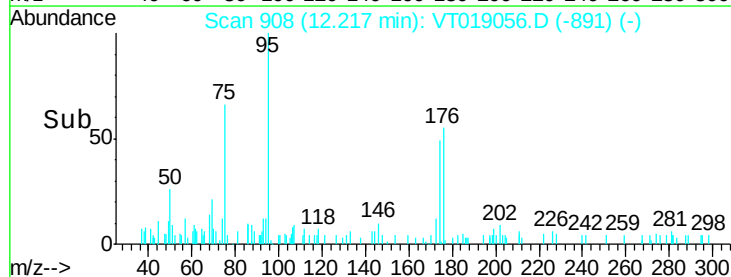
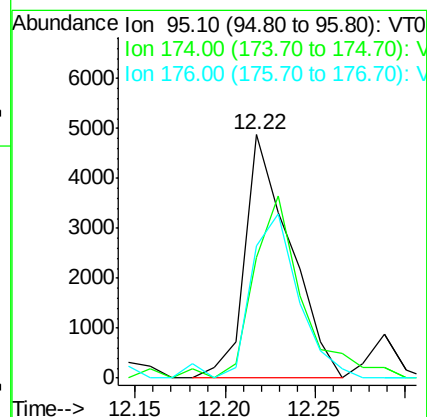
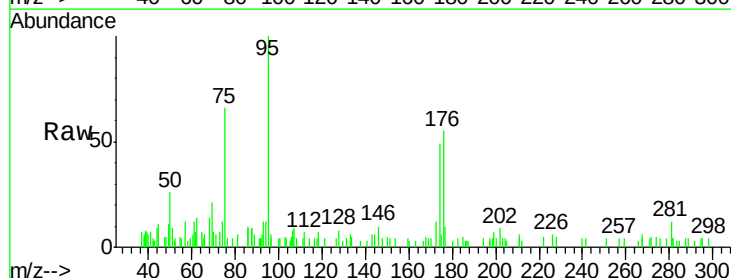
Tgt Ion: 95 Resp: 8554

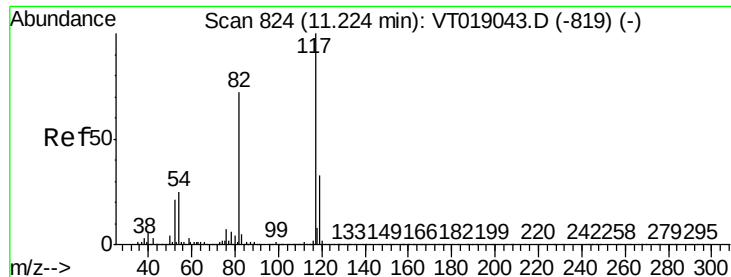
Ion Ratio Lower Upper

95 100

174 49.4 0.0 100.0

176 54.5 0.0 96.6

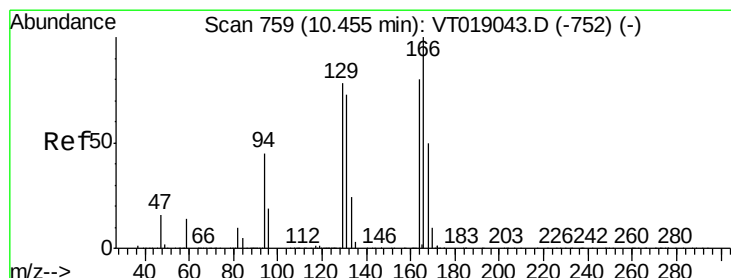
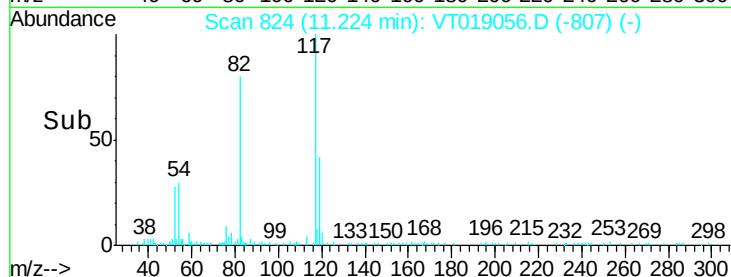
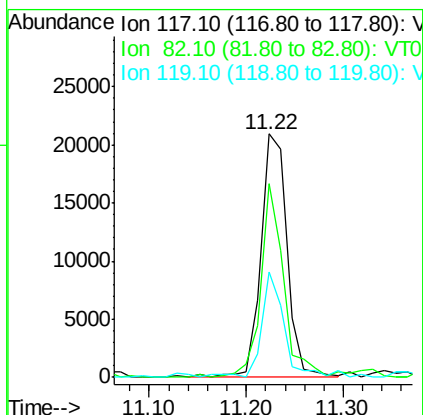
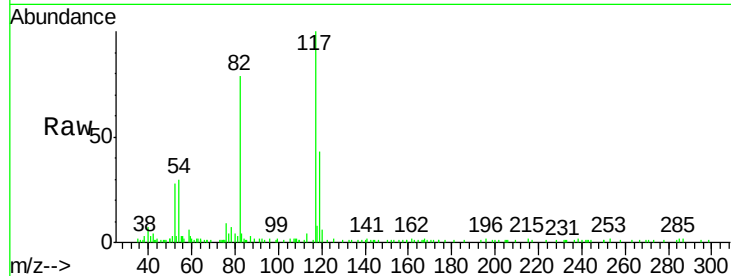




#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.22 min Scan# 824
Delta R.T. -0.00 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

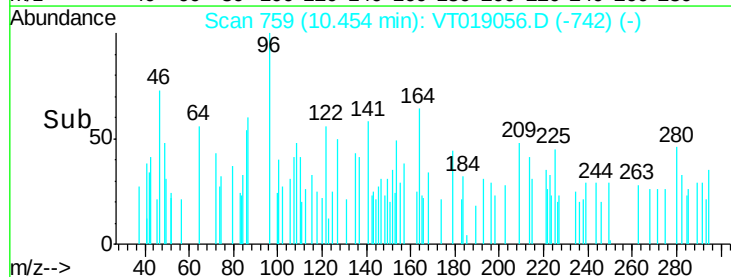
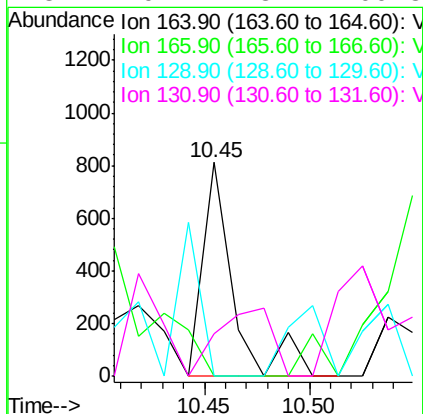
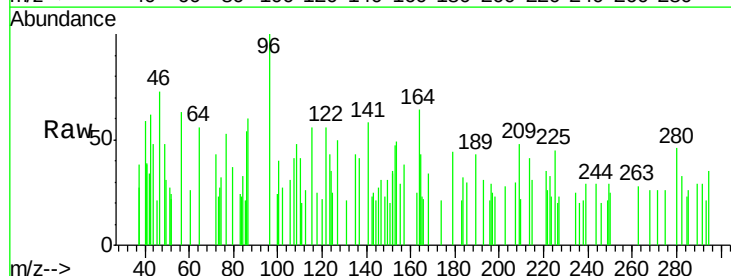
Instrument :
MSVOA_T
ClientSampleId :
PL-02-050418-ARE

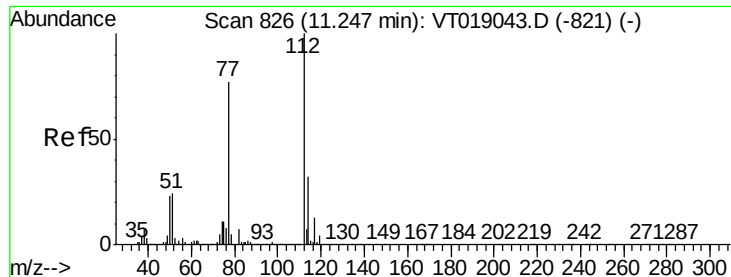
Tgt Ion:117 Resp: 39196
Ion Ratio Lower Upper
117 100
82 79.4 57.6 86.4
119 43.3 26.6 40.0#



#63
Tetrachloroethene
Concen: 3.054 ug/l
RT: 10.45 min Scan# 759
Delta R.T. -0.00 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Tgt Ion:164 Resp: 819
Ion Ratio Lower Upper
164 100
166 0.0 100.6 151.0#
129 0.0 78.1 117.1#
131 19.7 73.2 109.8#

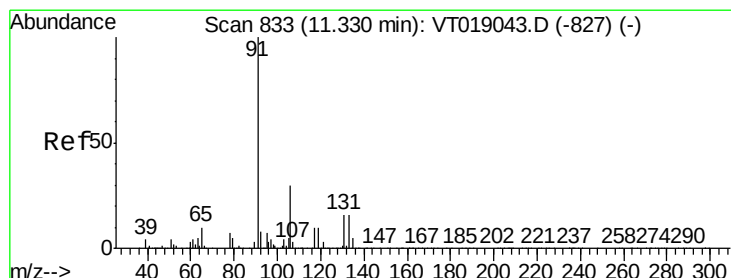
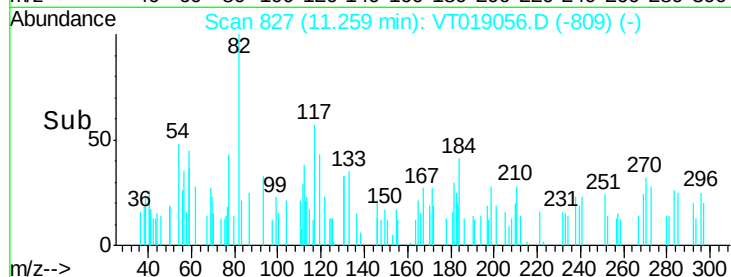
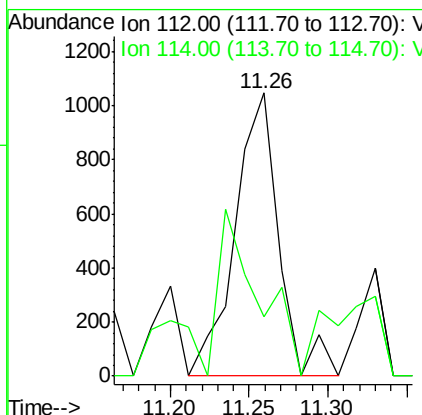
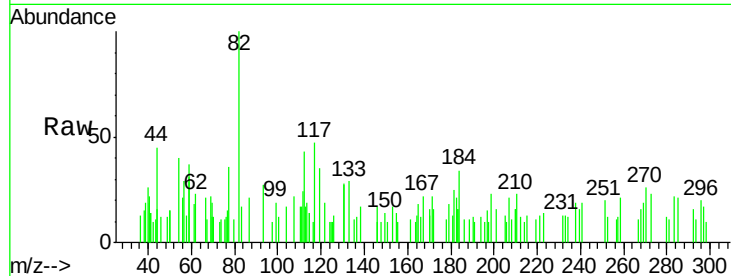




#64
Chlorobenzene
Concen: 2.487 ug/l
RT: 11.26 min Scan# 827
Delta R.T. 0.01 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

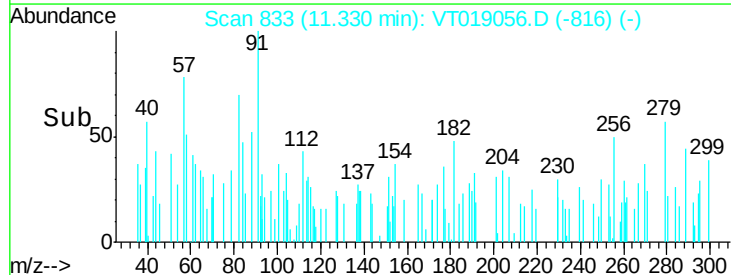
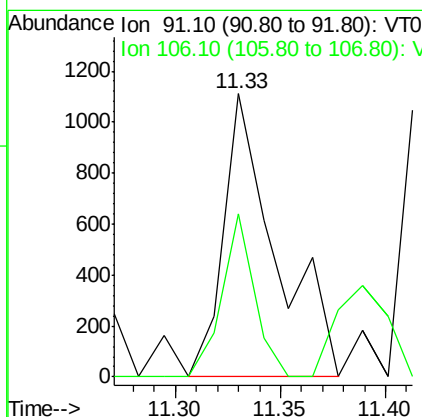
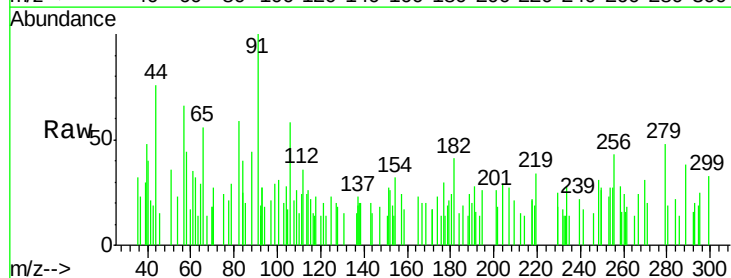
Instrument :
MSVOA_T
ClientSampleId :
PL-02-050418-ARE

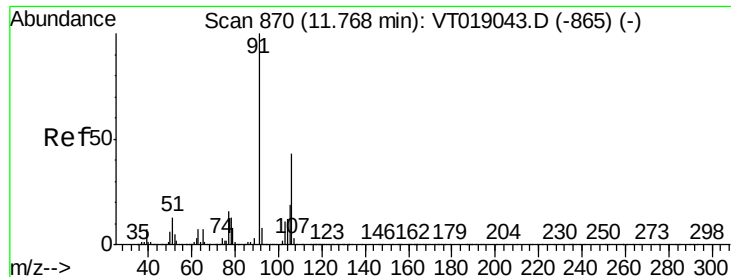
Tgt Ion: 112 Resp: 2019
Ion Ratio Lower Upper
112 100
114 42.0 25.5 38.3#



#66
Ethyl Benzene
Concen: 1.232 ug/l
RT: 11.33 min Scan# 833
Delta R.T. -0.00 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Tgt Ion: 91 Resp: 1918
Ion Ratio Lower Upper
91 100
106 57.8 24.0 36.0#





#68

o-Xylene

Concen: 2.165 ug/l

RT: 11.77 min Scan# 870

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

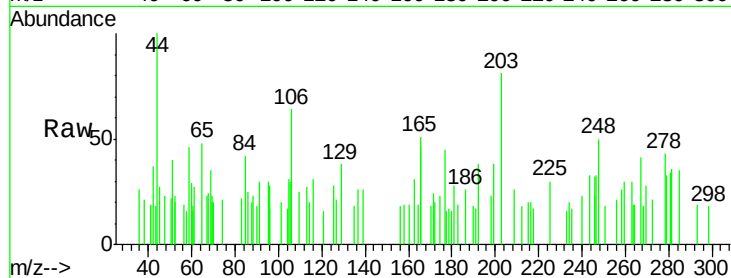
PL-02-050418-ARE

Tgt Ion:106 Resp: 1176

Ion Ratio Lower Upper

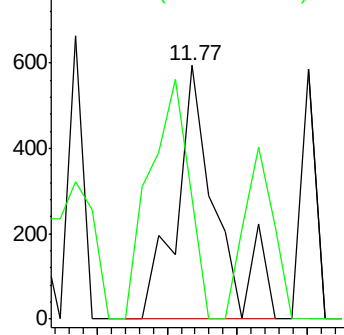
106 100

91 47.6 116.0 348.0#

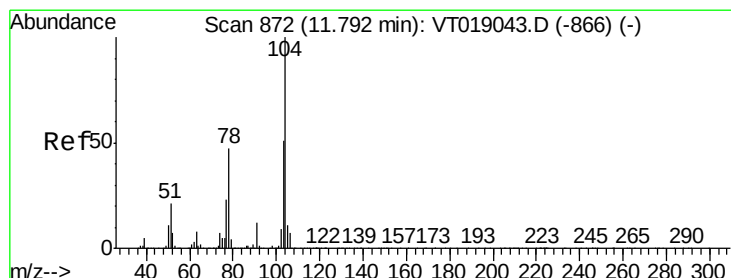
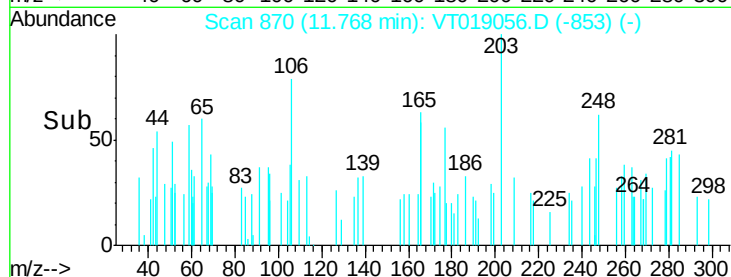


Abundance Ion 106.10 (105.80 to 106.80): V

Ion 91.10 (90.80 to 91.80): VT0



Time-->



#69

Styrene

Concen: 1.942 ug/l

RT: 11.80 min Scan# 873

Delta R.T. 0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

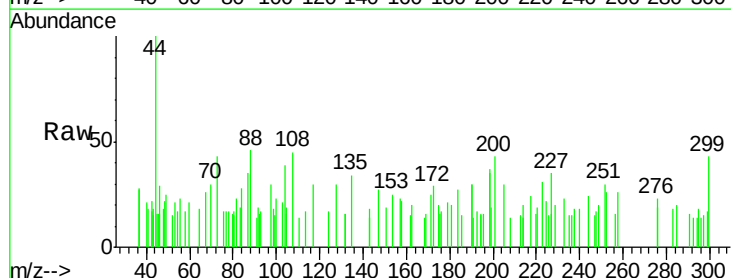
Tgt Ion:104 Resp: 1633

Ion Ratio Lower Upper

104 100

78 23.4 38.0 57.0#

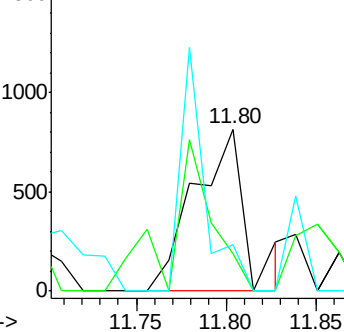
103 28.9 40.6 61.0#



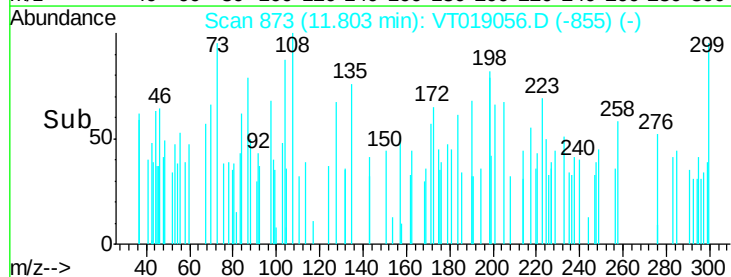
Abundance Ion 104.10 (103.80 to 104.80): V

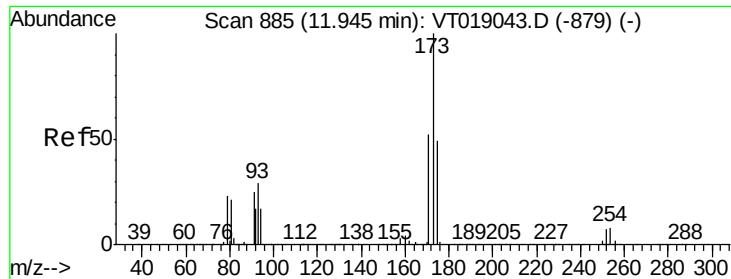
Ion 78.10 (77.80 to 78.80): VT0

Ion 103.10 (102.80 to 103.80): V



Time-->

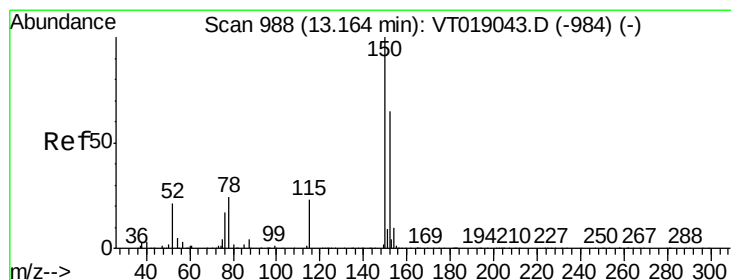
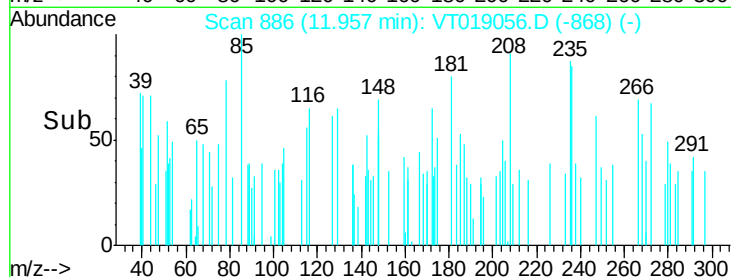
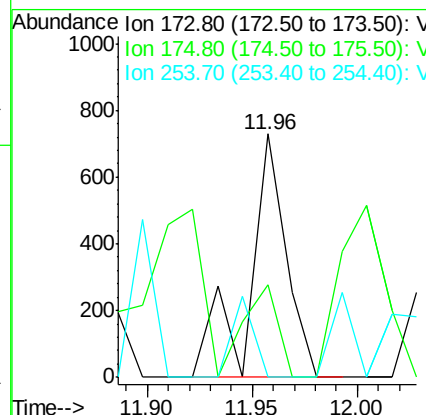
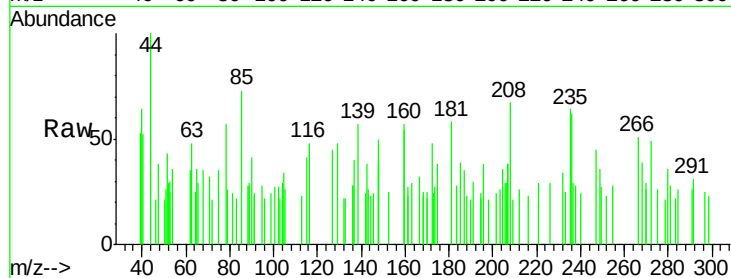




#70
Bromoform
Concen: 8.918 ug/l
RT: 11.96 min Scan# 886
Delta R.T. 0.01 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

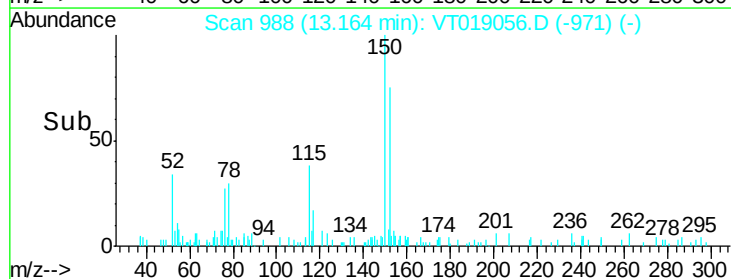
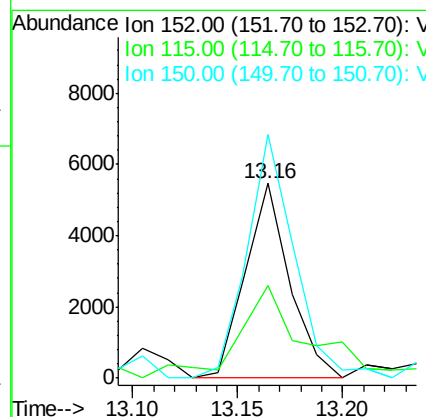
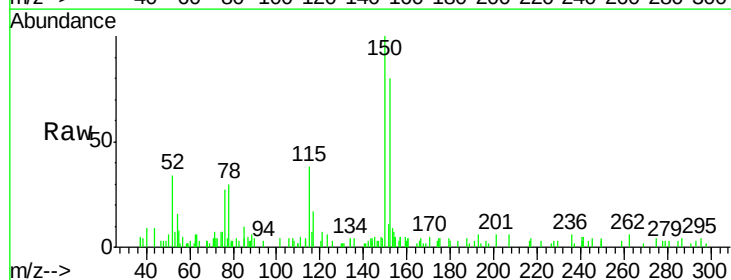
Instrument :
MSVOA_T
ClientSampleId :
PL-02-050418-ARE

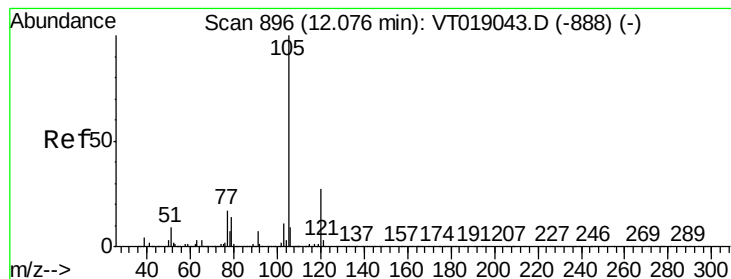
Tgt Ion:173 Resp: 893
Ion Ratio Lower Upper
173 100
175 38.0 24.6 73.8
254 28.1 6.1 9.1#



#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.16 min Scan# 988
Delta R.T. -0.00 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Tgt Ion:152 Resp: 8030
Ion Ratio Lower Upper
152 100
115 47.7 34.2 102.6
150 125.0 0.0 321.2





#72

Isopropylbenzene

Concen: 1.081 ug/l

RT: 12.08 min Scan# 896

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

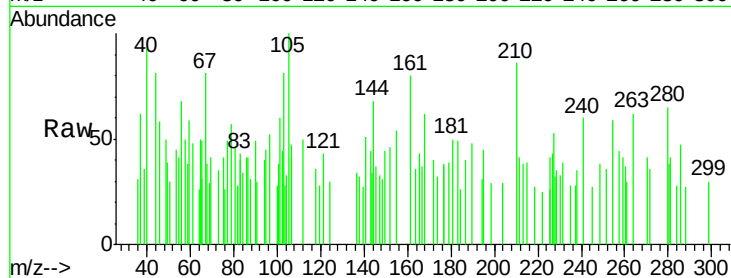
PL-02-050418-ARE

Tgt Ion: 105 Resp: 701

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.10 (119.80 to 120.80): V

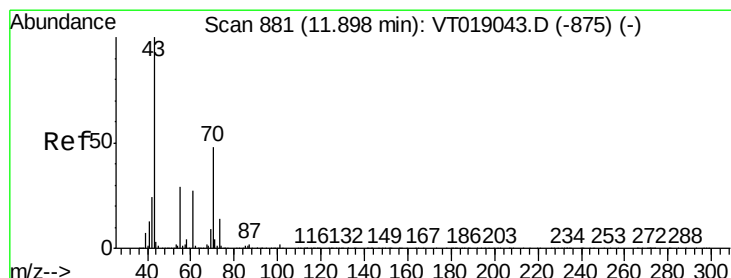
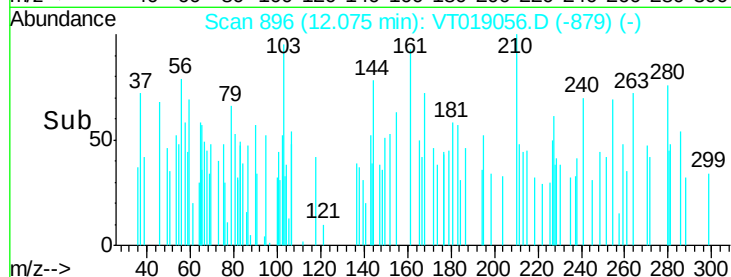
12.08

400

200

0

Time-->



#73

N-ethyl acetate

Concen: 7.597 ug/l

RT: 11.89 min Scan# 880

Delta R.T. -0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Tgt Ion: 43 Resp: 812

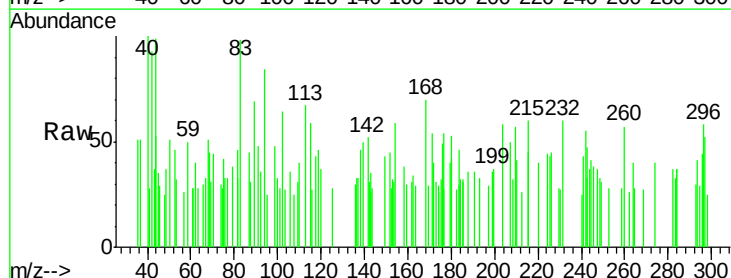
Ion Ratio Lower Upper

43 100

70 49.2 38.2 57.4

55 0.0 23.5 35.3#

61 62.2 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 70.10 (69.80 to 70.80): VT0

Ion 55.10 (54.80 to 55.80): VT0

Ion 61.10 (60.80 to 61.80): VT0

1000

800

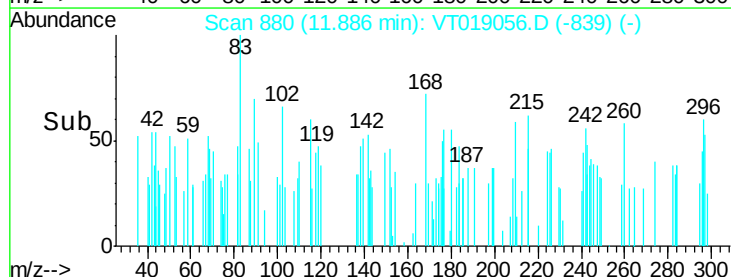
600

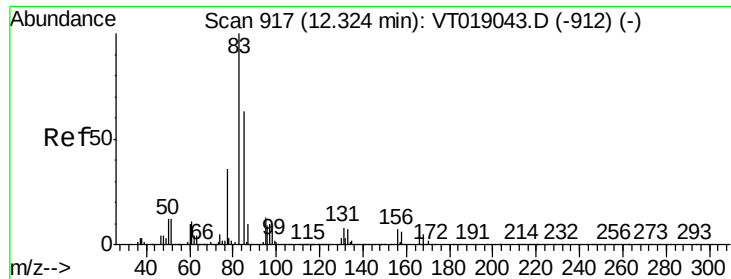
400

200

0

Time-->





#74

1,1,2,2-Tetrachloroethane

Concen: 4.423 ug/l

RT: 12.32 min Scan# 917

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

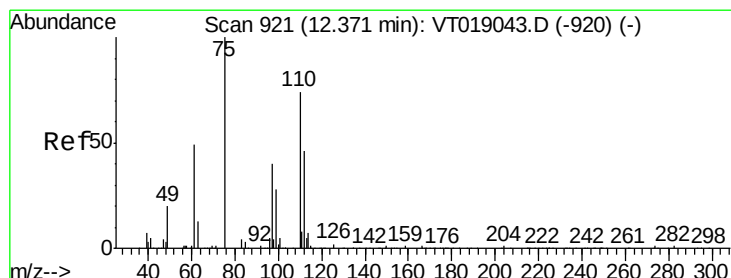
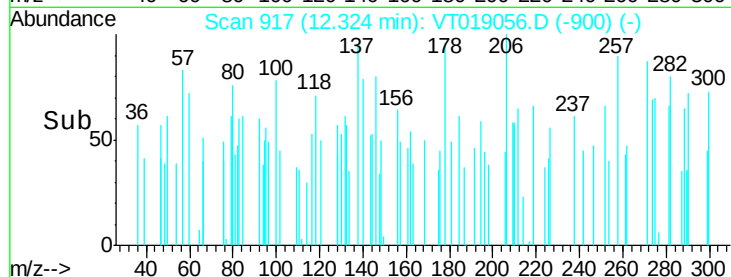
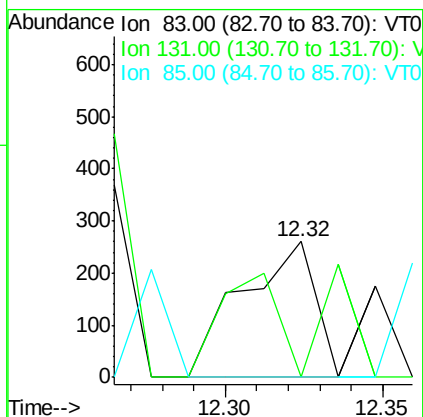
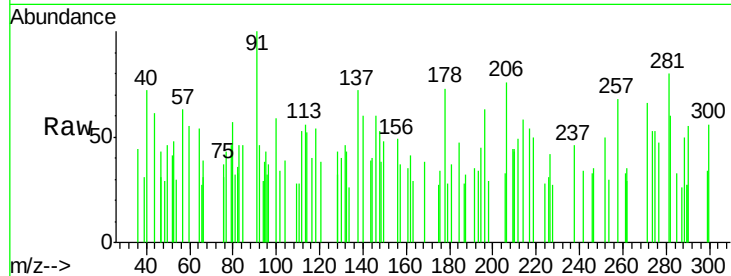
Tgt Ion: 83 Resp: 422

Ion Ratio Lower Upper

83 100

131 100.8 4.0 12.2#

85 0.0 31.4 94.3#



#75

1,2,3-Trichloropropane

Concen: 14.393 ug/l

RT: 12.38 min Scan# 922

Delta R.T. 0.01 min

Lab File: VT019056.D

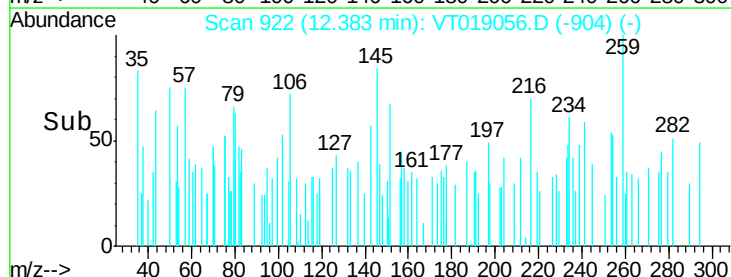
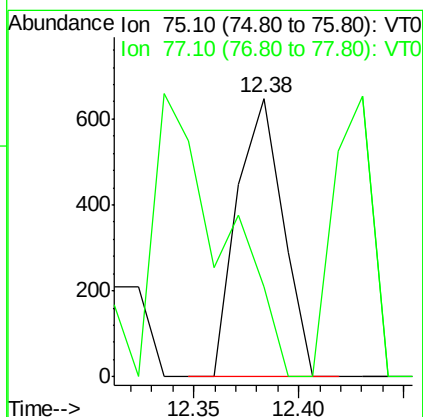
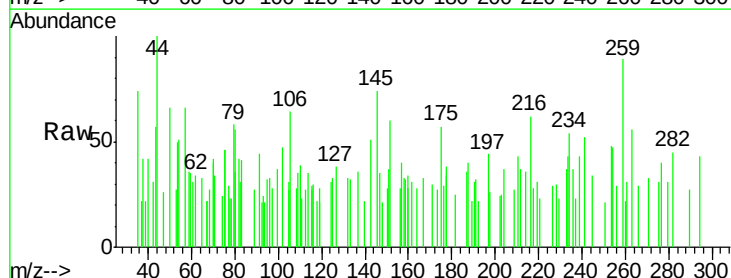
Acq: 9 May 2018 14:23

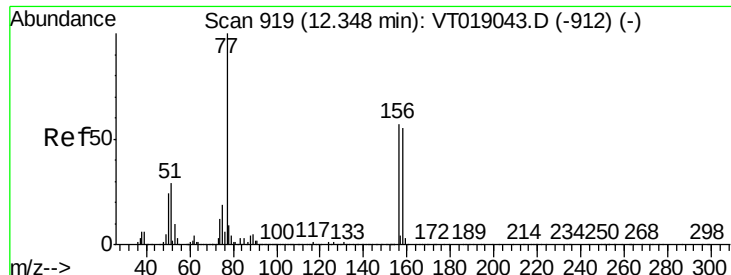
Tgt Ion: 75 Resp: 983

Ion Ratio Lower Upper

75 100

77 32.1 21.1 63.1

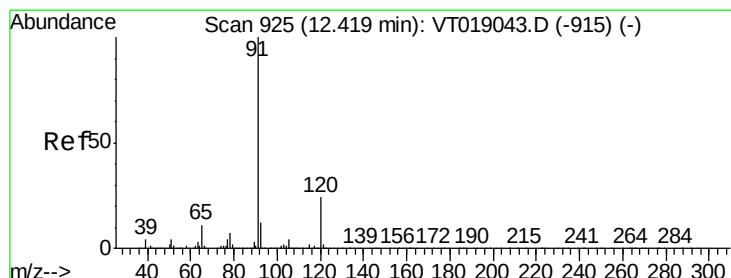
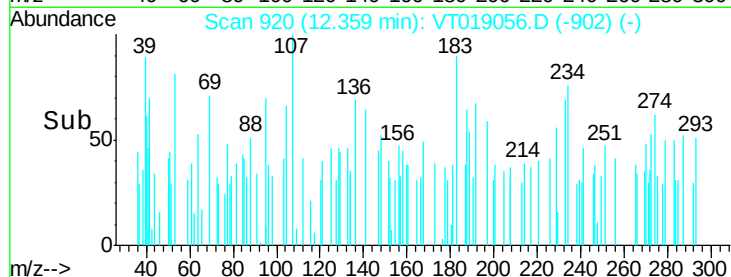
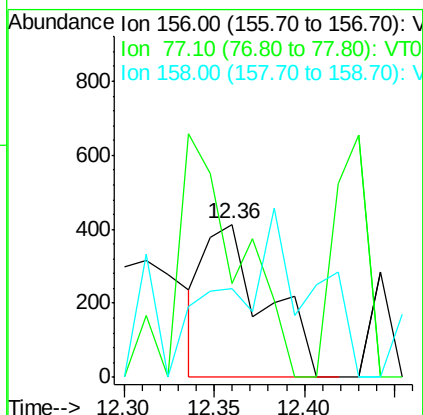
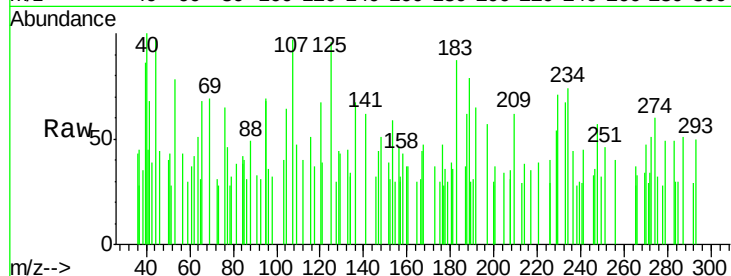




#76
Bromobenzene
Concen: 7.602 ug/l
RT: 12.36 min Scan# 920
Delta R.T. 0.01 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

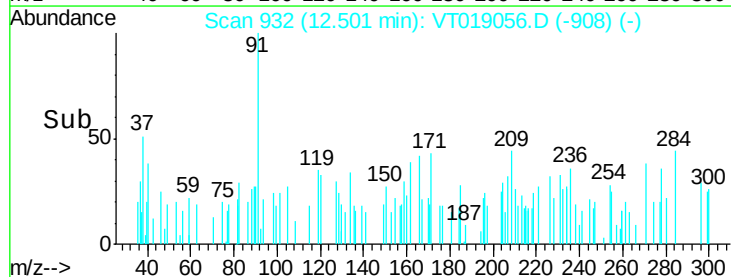
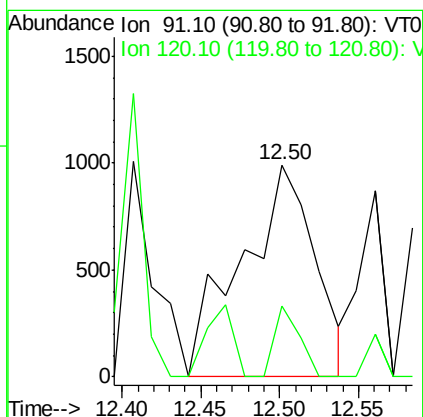
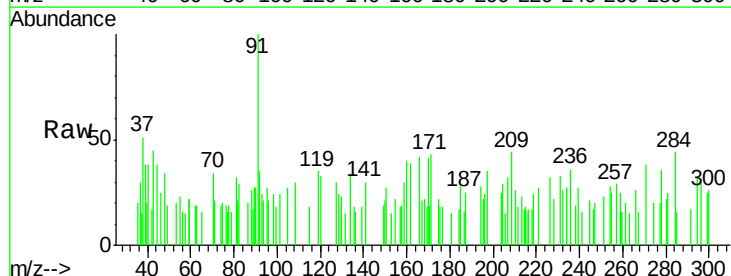
Instrument :
MSVOA_T
ClientSampleId :
PL-02-050418-ARE

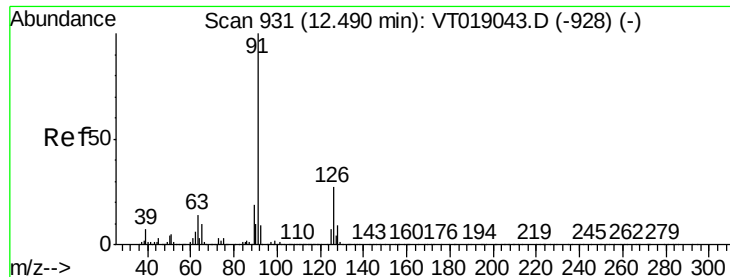
Tgt Ion: 156 Resp: 976
Ion Ratio Lower Upper
156 100
77 61.4 87.8 263.4#
158 57.5 48.3 144.8



#77
n-propylbenzene
Concen: 4.258 ug/l
RT: 12.50 min Scan# 932
Delta R.T. 0.08 min
Lab File: VT019056.D
Acq: 9 May 2018 14:23

Tgt Ion: 91 Resp: 3223
Ion Ratio Lower Upper
91 100
120 33.3 12.0 36.1

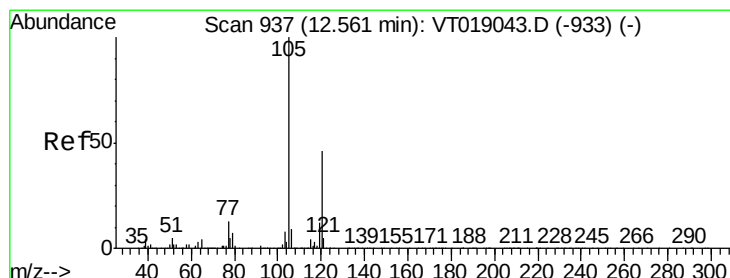
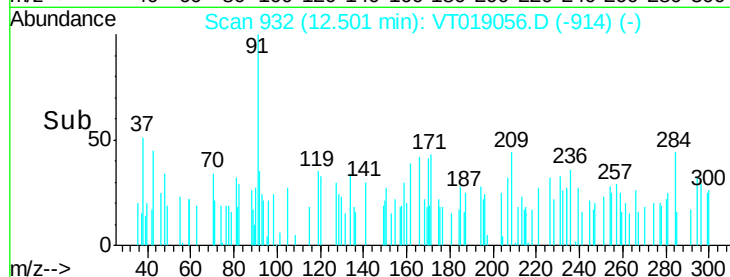
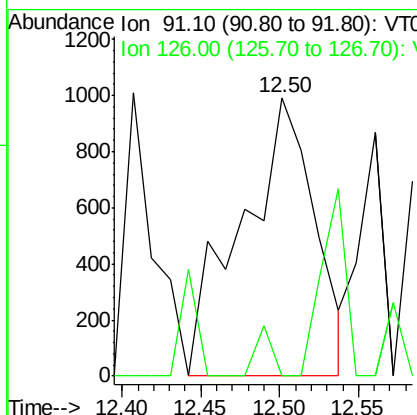
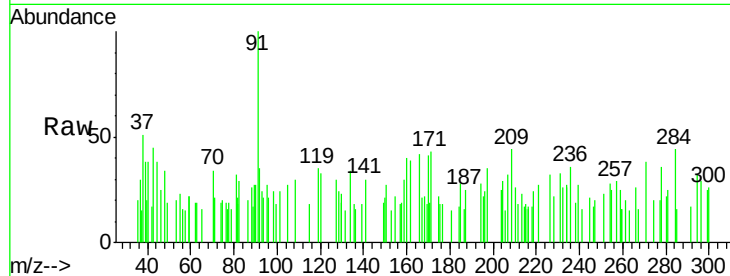




#78
 2-Chlorotoluene
 Concen: 6.773 ug/l
 RT: 12.50 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

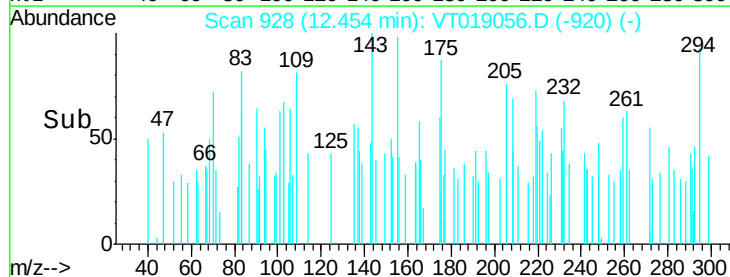
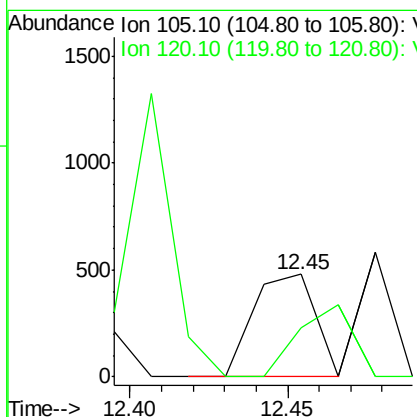
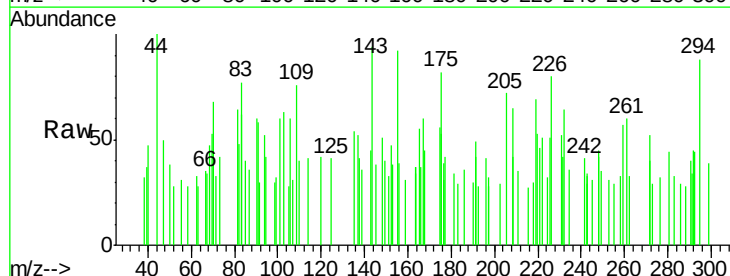
Instrument :
 MSVOA_T
 ClientSampleId :
 PL-02-050418-ARE

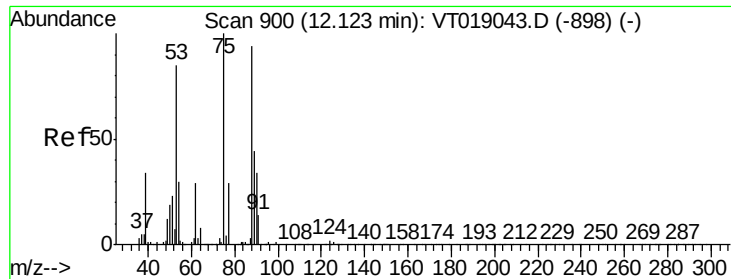
Tgt Ion: 91 Resp: 3223
 Ion Ratio Lower Upper
 91 100
 126 0.0 13.5 40.5#



#79
 1,3,5-Trimethylbenzene
 Concen: 1.151 ug/l
 RT: 12.45 min Scan# 928
 Delta R.T. -0.11 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

Tgt Ion: 105 Resp: 648
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.2 69.5





#80

trans-1,4-Dichloro-2-butene

Concen: 35.621 ug/l

RT: 12.11 min Scan# 899

Delta R.T. -0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

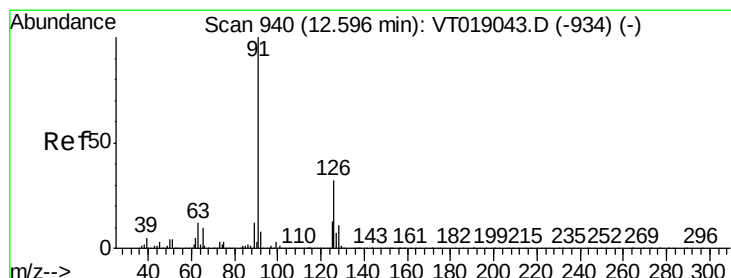
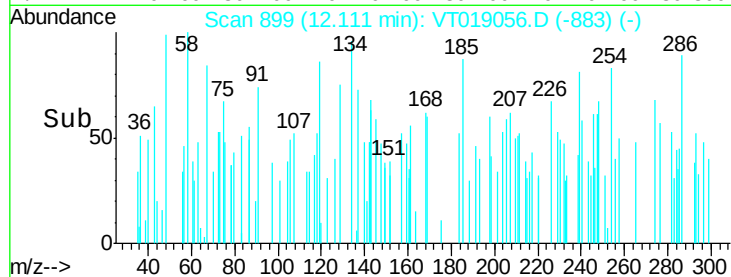
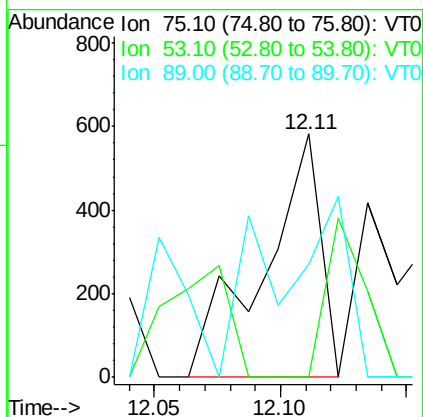
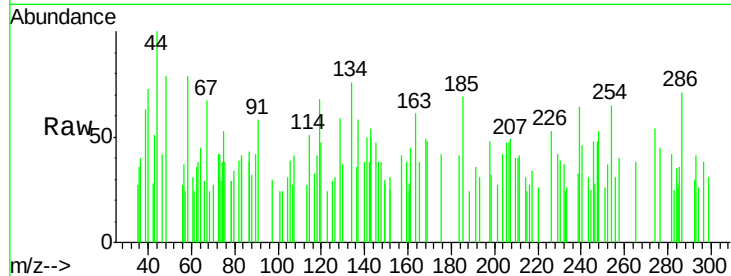
Tgt Ion: 75 Resp: 915

Ion Ratio Lower Upper

75 100

53 0.0 70.8 106.2#

89 46.4 35.8 53.8



#81

4-Chlorotoluene

Concen: 4.509 ug/l

RT: 12.60 min Scan# 940

Delta R.T. -0.00 min

Lab File: VT019056.D

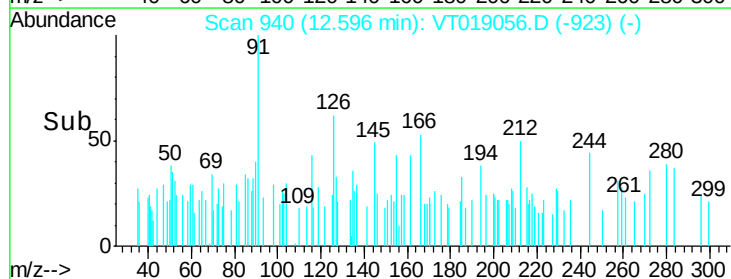
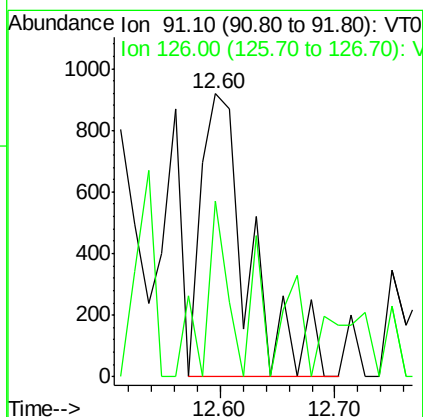
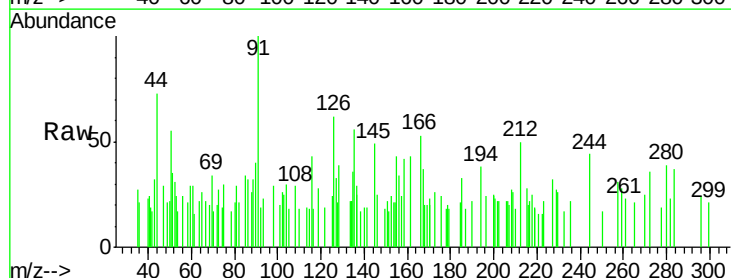
Acq: 9 May 2018 14:23

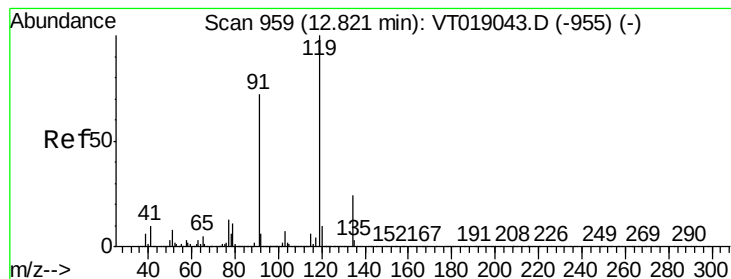
Tgt Ion: 91 Resp: 2607

Ion Ratio Lower Upper

91 100

126 62.0 16.0 47.9#





#82

tert-Butylbenzene

Concen: 2.104 ug/l

RT: 12.83 min Scan# 960

Delta R.T. 0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

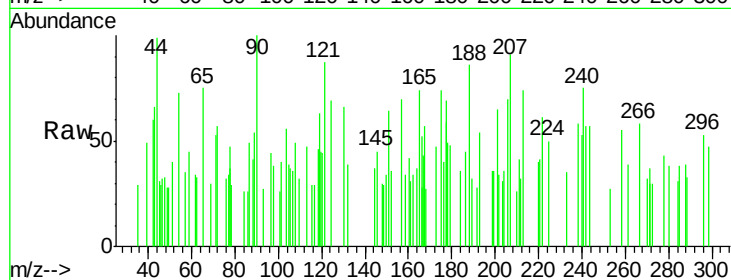
Tgt Ion:119 Resp: 1032

Ion Ratio Lower Upper

119 100

91 0.0 36.1 108.3#

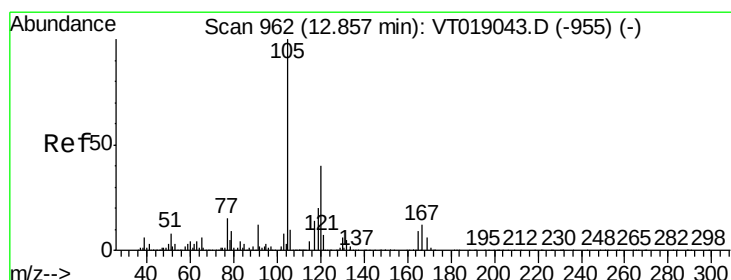
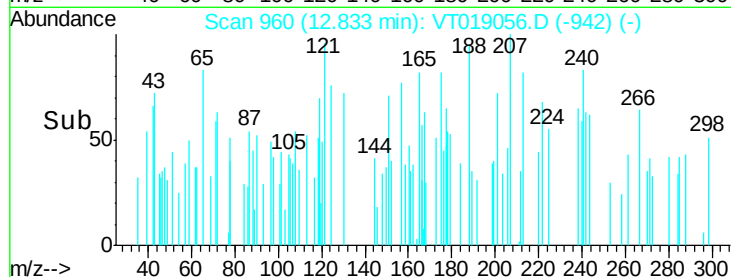
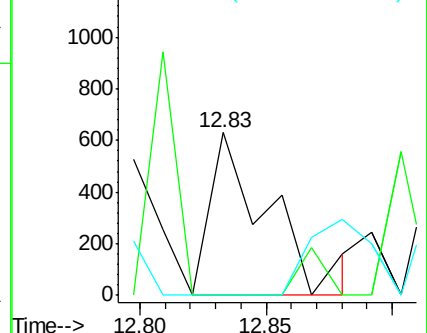
134 0.0 12.0 36.1#



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 91.10 (90.80 to 91.80): VT0

Ion 134.10 (133.80 to 134.80): V



#83

1,2,4-Trimethylbenzene

Concen: 3.678 ug/l

RT: 12.87 min Scan# 963

Delta R.T. 0.01 min

Lab File: VT019056.D

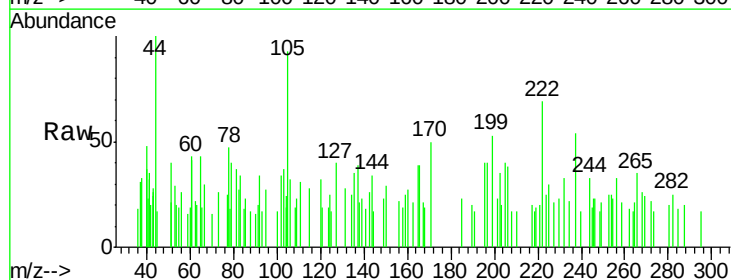
Acq: 9 May 2018 14:23

Tgt Ion:105 Resp: 2099

Ion Ratio Lower Upper

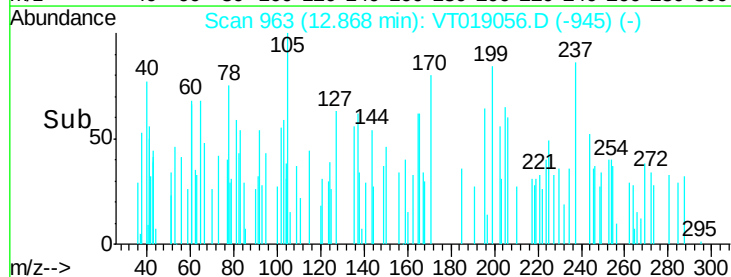
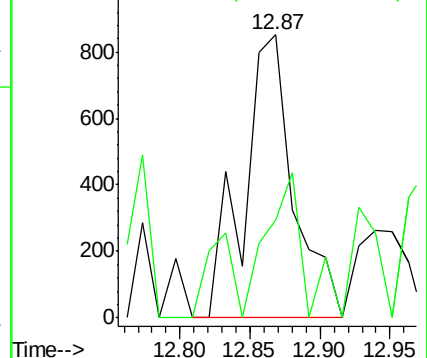
105 100

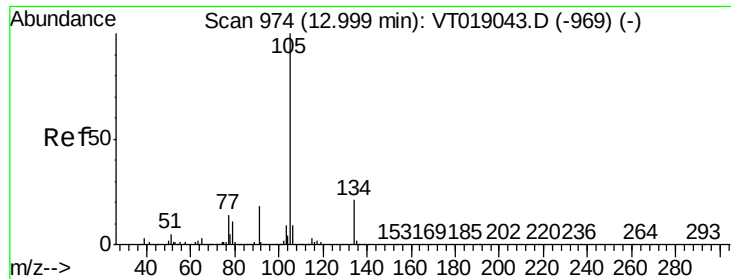
120 34.4 20.0 59.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.10 (119.80 to 120.80): V





#84

sec-Butylbenzene

Concen: 3.037 ug/l

RT: 12.87 min Scan# 963

Delta R.T. -0.13 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

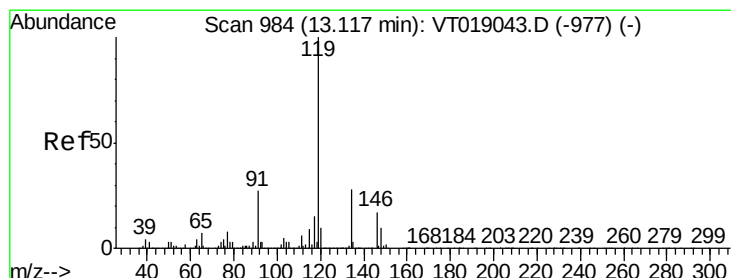
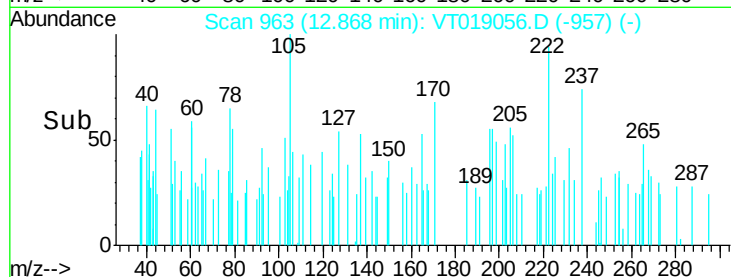
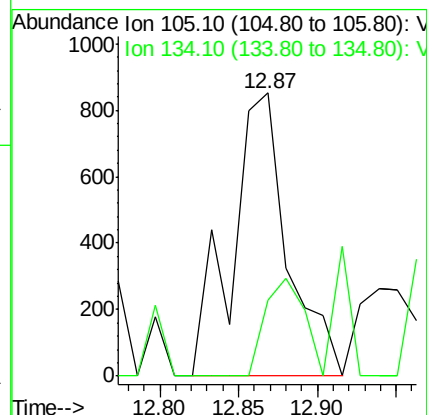
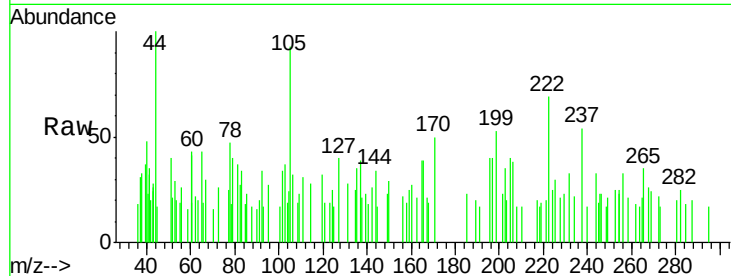
PL-02-050418-ARE

Tgt Ion:105 Resp: 2099

Ion Ratio Lower Upper

105 100

134 26.6 10.4 31.2



#85

p-Isopropyltoluene

Concen: 2.131 ug/l

RT: 13.10 min Scan# 983

Delta R.T. -0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

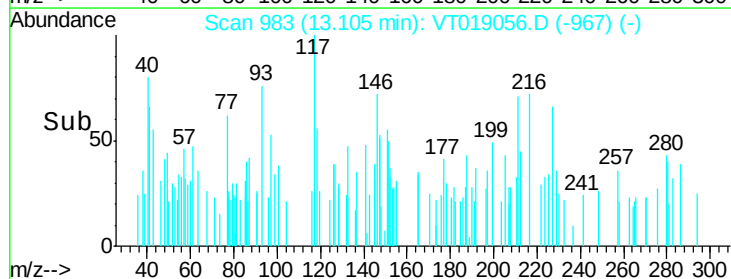
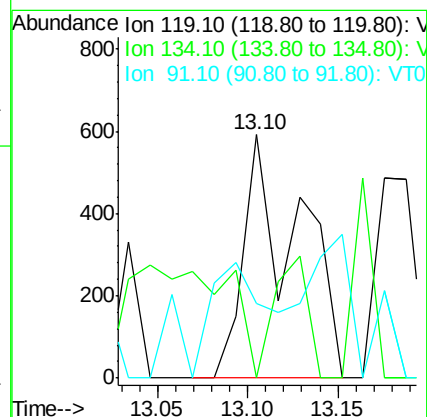
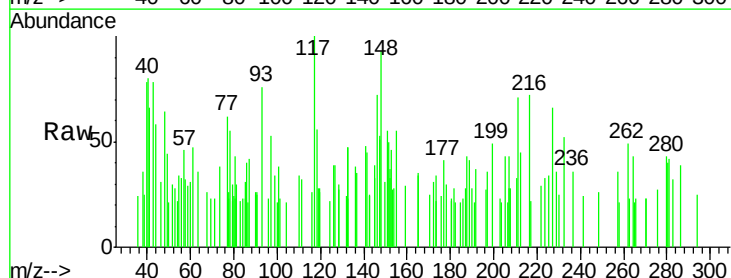
Tgt Ion:119 Resp: 1238

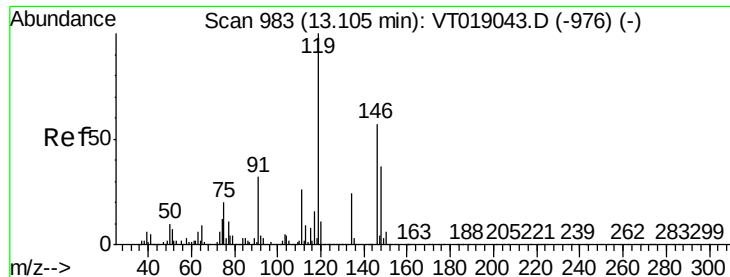
Ion Ratio Lower Upper

119 100

134 0.0 14.1 42.3#

91 30.4 13.5 40.4

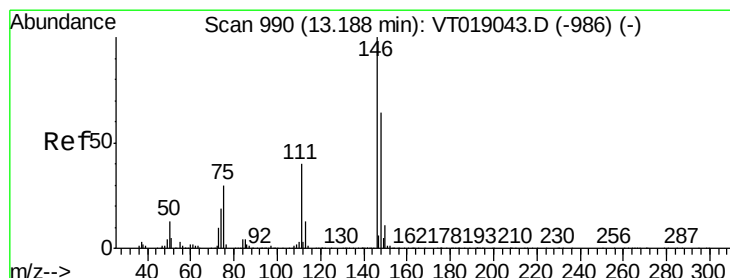
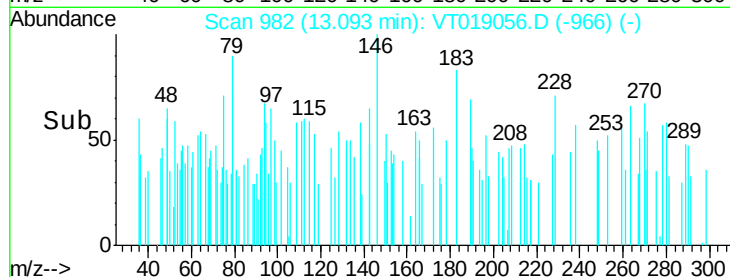
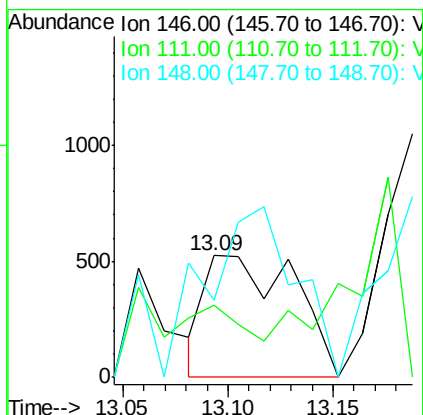
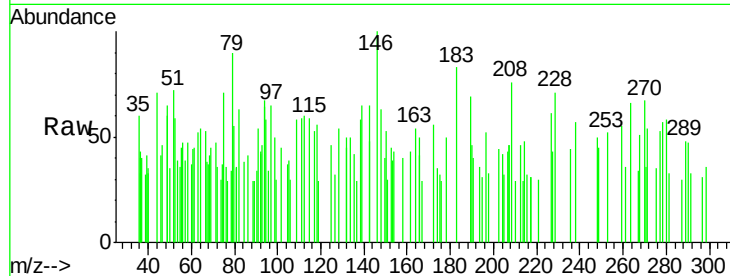




#86
 1,3-Dichlorobenzene
 Concen: 5.719 ug/l
 RT: 13.09 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

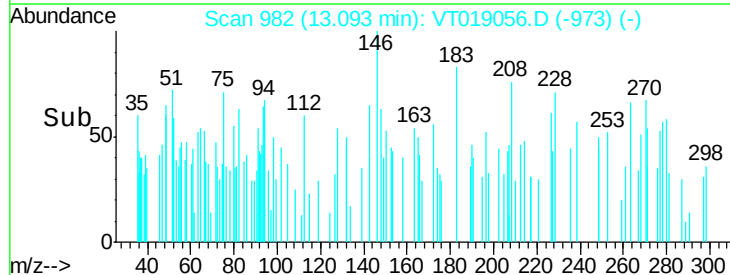
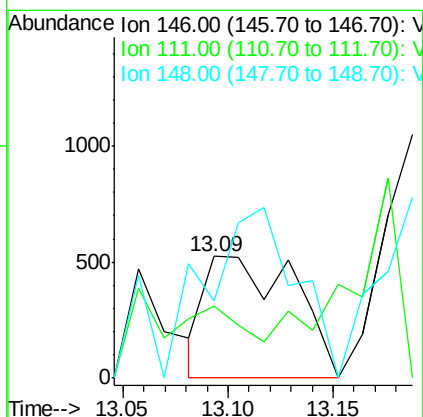
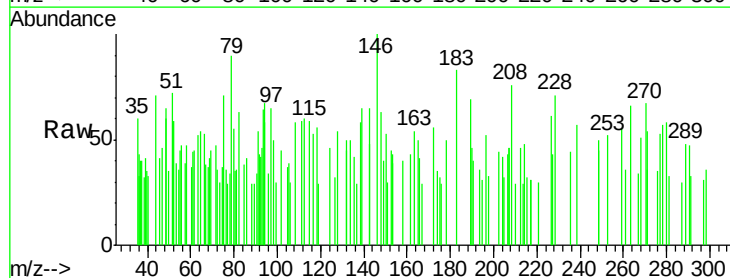
Instrument :
 MSVOA_T
 ClientSampleId :
 PL-02-050418-ARE

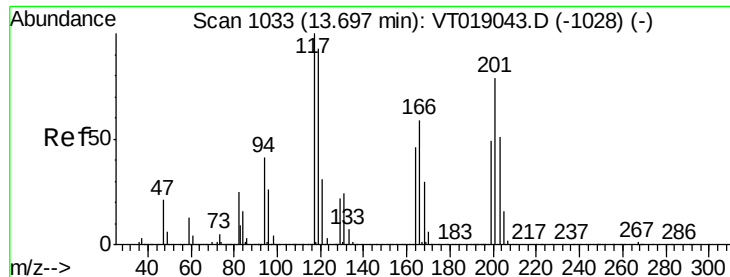
Tgt Ion:146 Resp: 1549
 Ion Ratio Lower Upper
 146 100
 111 59.0 23.1 69.2
 148 63.2 32.5 97.5



#87
 1,4-Dichlorobenzene
 Concen: 5.883 ug/l
 RT: 13.09 min Scan# 982
 Delta R.T. -0.09 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

Tgt Ion:146 Resp: 1549
 Ion Ratio Lower Upper
 146 100
 111 59.0 20.3 60.8
 148 63.2 32.3 96.8





#89

Hexachloroethane

Concen: 3.562 ug/l

RT: 13.68 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

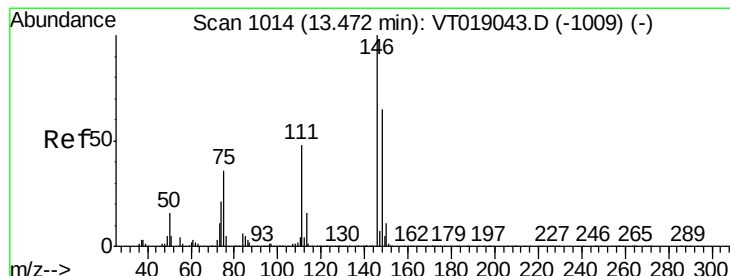
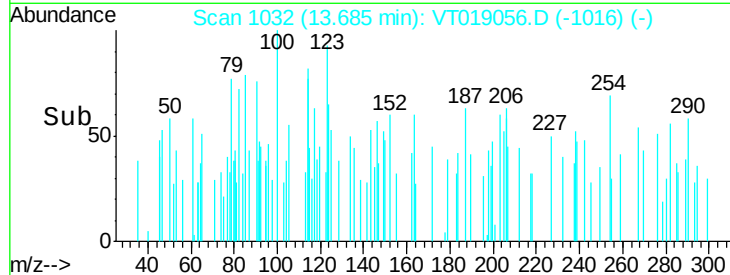
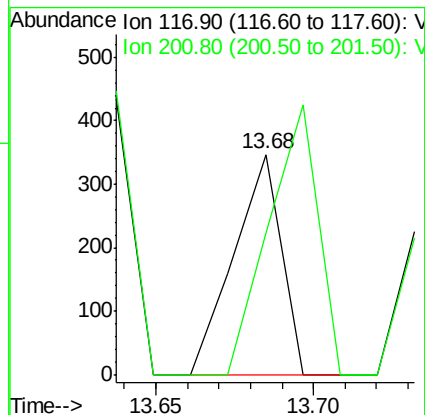
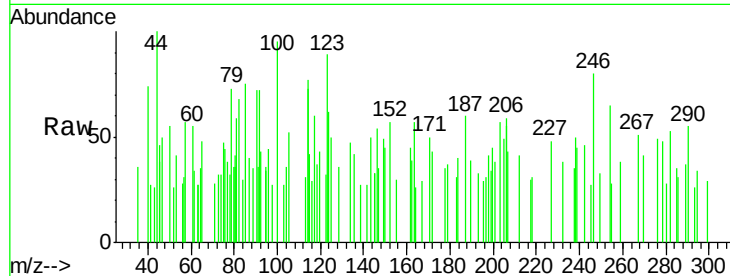
PL-02-050418-ARE

Tgt Ion:117 Resp: 359

Ion Ratio Lower Upper

117 100

201 64.3 39.4 118.1



#90

1,2-Dichlorobenzene

Concen: 1.996 ug/l

RT: 13.38 min Scan# 1006

Delta R.T. -0.09 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

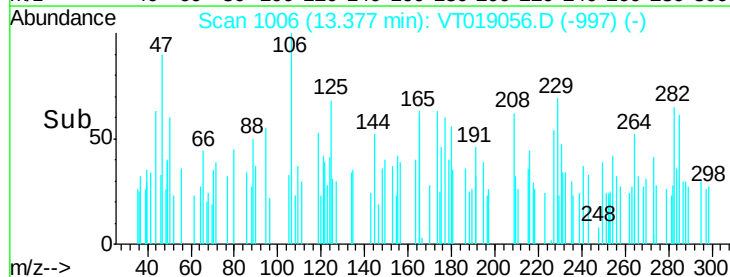
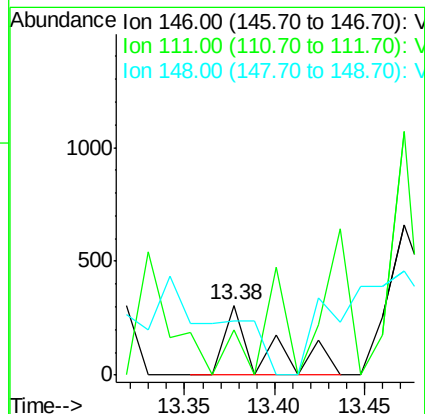
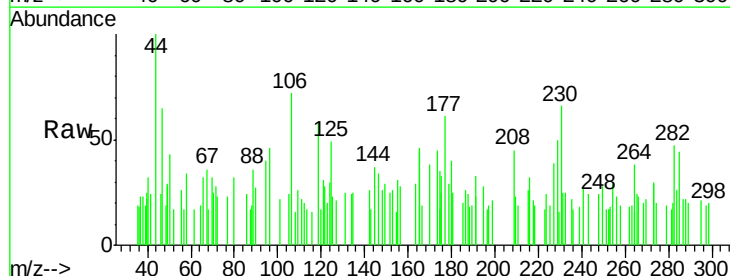
Tgt Ion:146 Resp: 452

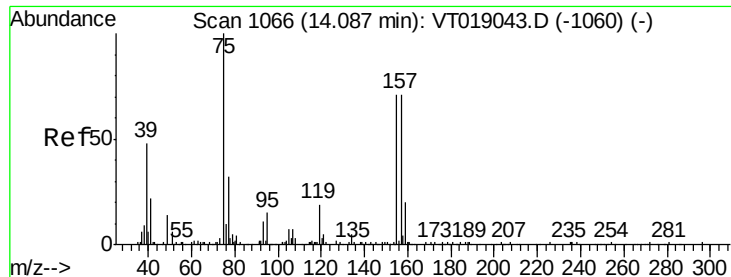
Ion Ratio Lower Upper

146 100

111 64.6 23.8 71.2

148 76.9 32.7 98.1





#91

1,2-Dibromo-3-Chloropropane

Concen: 31.273 ug/l

RT: 14.16 min Scan# 1072

Delta R.T. 0.07 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

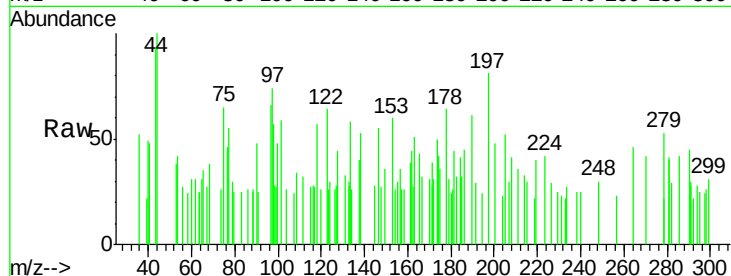
Tgt Ion: 75 Resp: 430

Ion Ratio Lower Upper

75 100

155 45.4 35.6 106.8

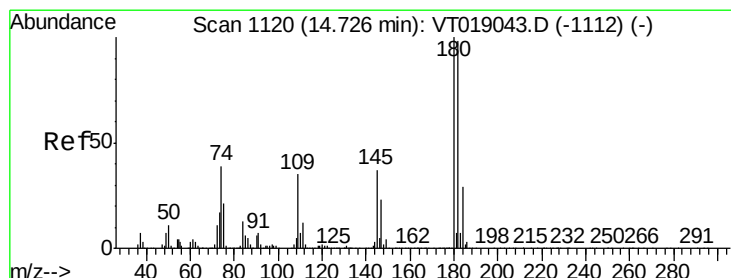
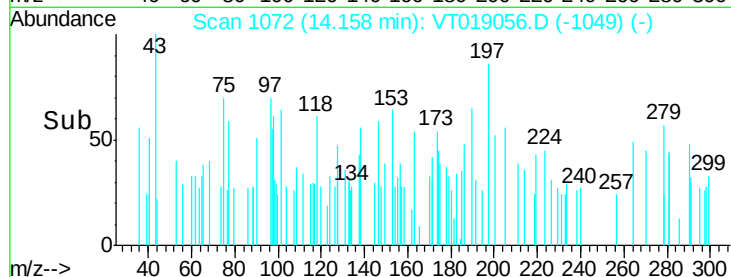
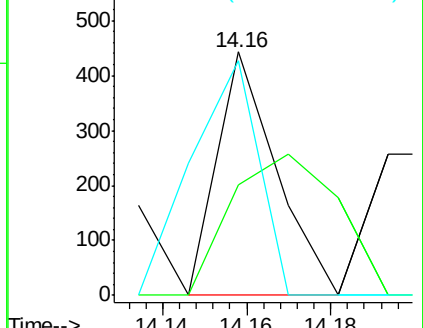
157 96.2 35.8 107.3



Abundance Ion 75.00 (74.70 to 75.70): VT0

Ion 154.90 (154.60 to 155.60): V

Ion 156.90 (156.60 to 157.60): V



#92

1,2,4-Trichlorobenzene

Concen: 9.622 ug/l

RT: 14.73 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

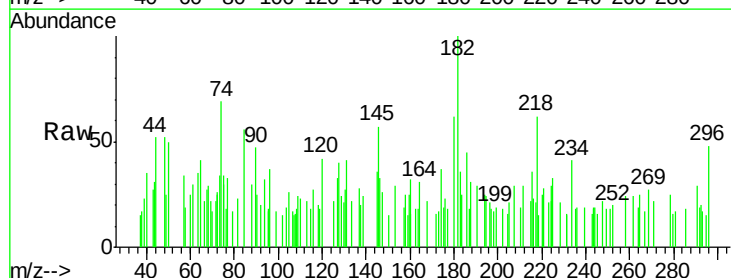
Tgt Ion: 180 Resp: 1456

Ion Ratio Lower Upper

180 100

182 160.8 49.0 147.0#

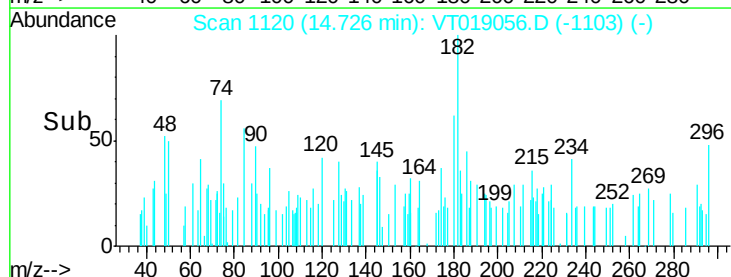
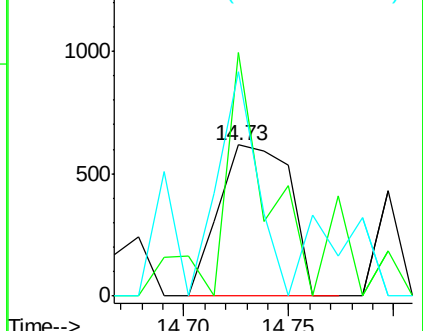
145 148.5 18.3 54.9#

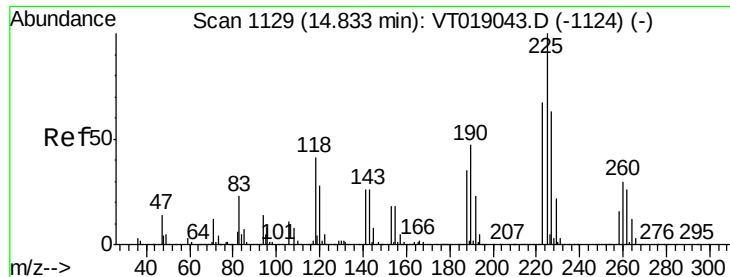


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 145.00 (144.70 to 145.70): V





#93

Hexachlorobutadiene

Concen: 4.540 ug/l

RT: 14.83 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

Instrument :

MSVOA_T

ClientSampleId :

PL-02-050418-ARE

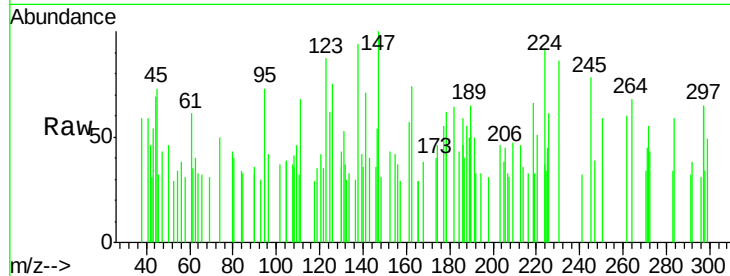
Tgt Ion:225 Resp: 502

Ion Ratio Lower Upper

225 100

223 0.0 33.5 100.4#

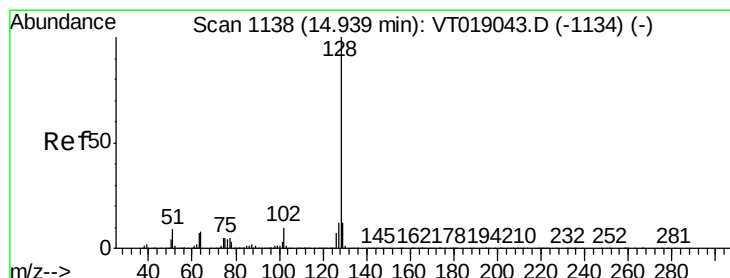
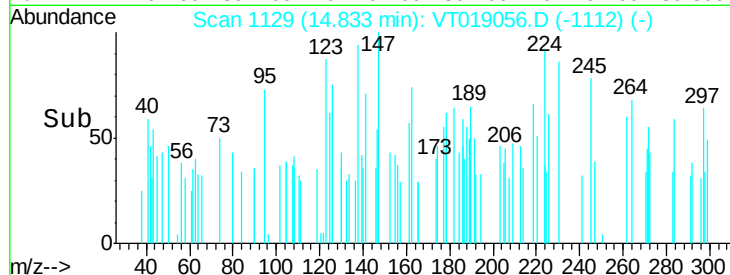
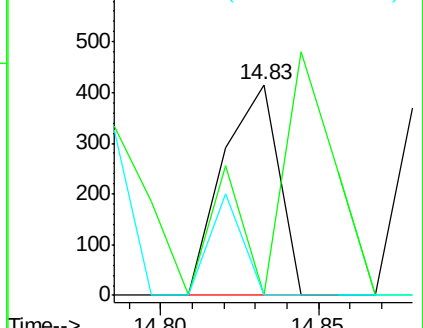
227 0.0 31.7 95.1#



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: 18.549 ug/l

RT: 14.94 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VT019056.D

Acq: 9 May 2018 14:23

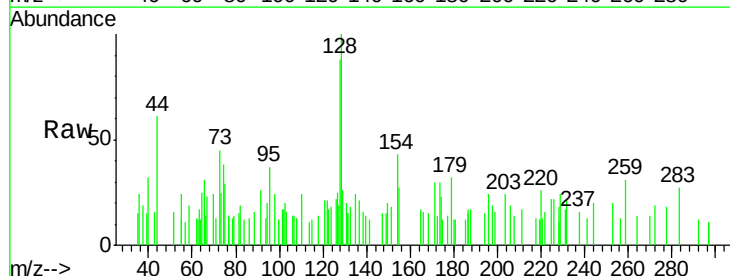
Tgt Ion:128 Resp: 4535

Ion Ratio Lower Upper

128 100

127 10.1 9.9 14.9

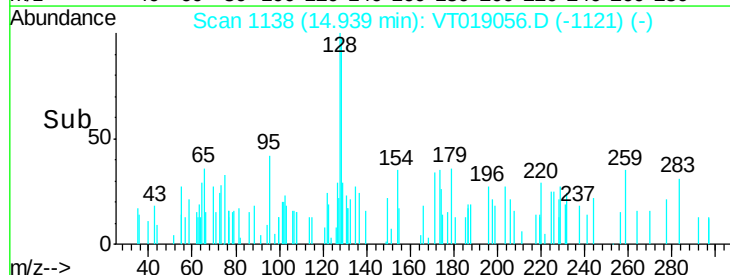
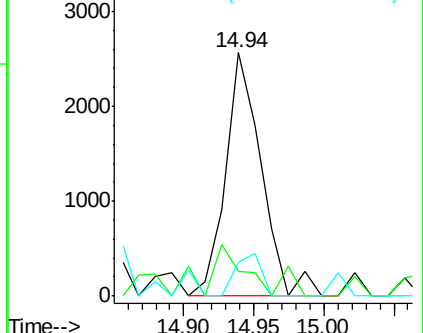
129 13.8 9.3 13.9

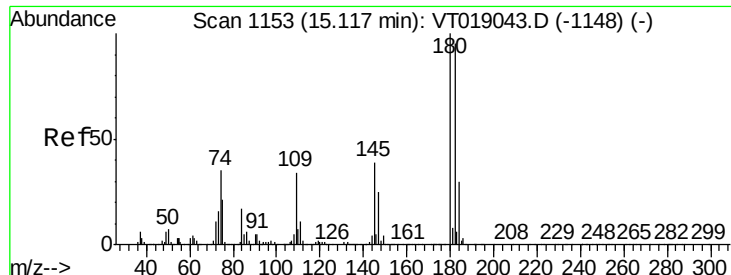


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V





#95
 1,2,3-Trichlorobenzene
 Concen: 24.614 ug/l
 RT: 15.12 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VT019056.D
 Acq: 9 May 2018 14:23

Instrument :
 MSVOA_T
 ClientSampleId :
 PL-02-050418-ARE

Tgt Ion	Ratio	Lower	Upper
180	100		
182	75.9	47.7	143.1
145	93.3	19.4	58.1

