

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\
 Data File : VW010539.D
 Acq On : 23 May 2019 19:27
 Operator : SY/VA
 Sample : K3026-14
 Misc : 3.62G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2

Quant Time: May 24 08:44:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	220940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	177723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60356	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	67018	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	66052	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
50) Toluene-d8	10.32	98	263336	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	82166	40.28	ug/l	0.00
Spiked Amount			Recovery	=	80.56%	

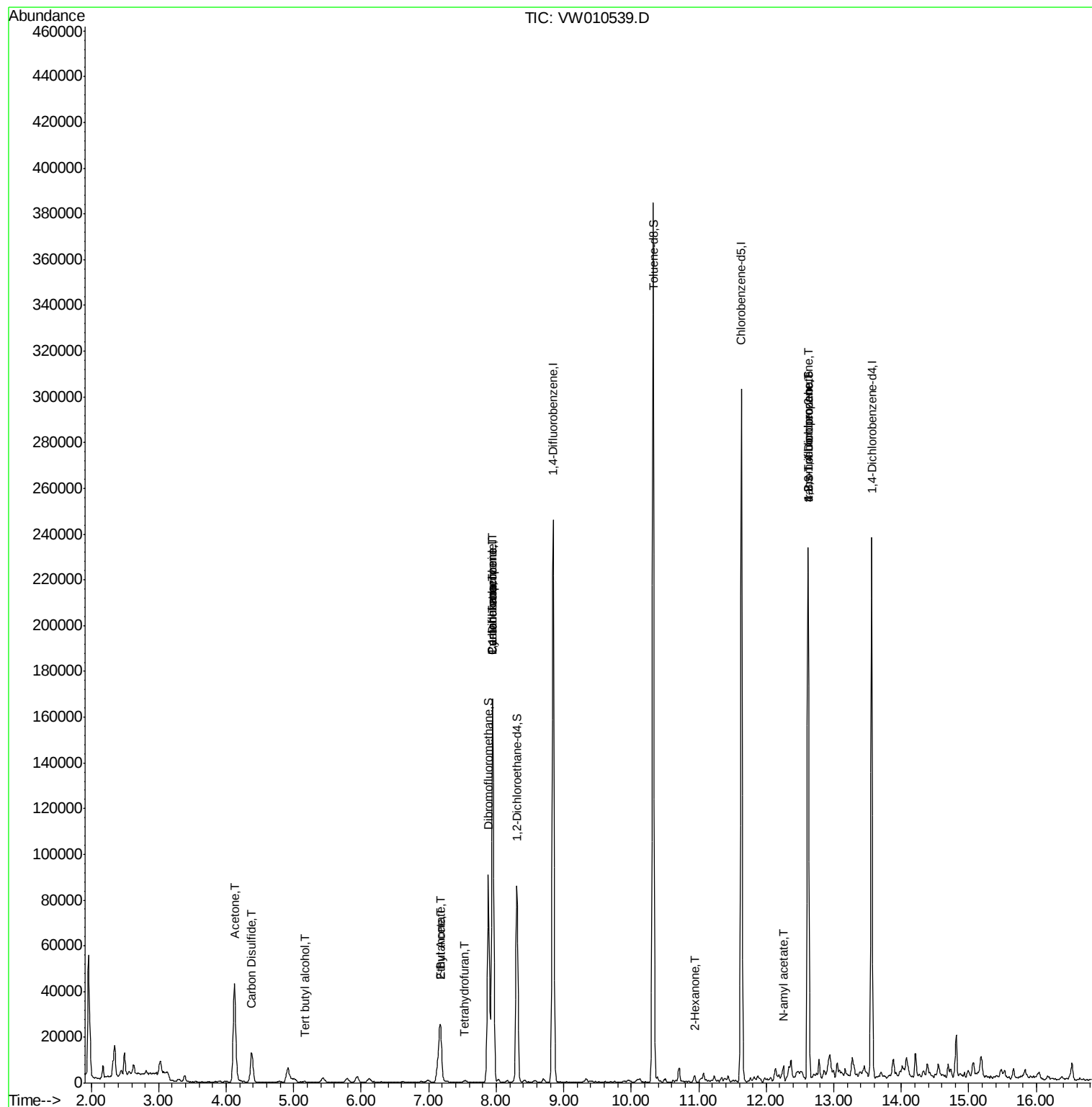
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	41	Below Cal	#	42
11) Tert butyl alcohol	5.17	59	328	2.878	ug/l #	71
13) Acrolein	3.90	56	484	Below Cal	#	13
16) Acetone	4.12	43	74690	288.818	ug/l	99
17) Carbon Disulfide	4.38	76	26125	6.756	ug/l	99
20) Methylene Chloride	4.92	84	4729	Below Cal		88
25) 2-Butanone	7.17	43	38479	103.972	ug/l	98
29) Tetrahydrofuran	7.54	42	549	2.192	ug/l #	74
31) Cyclohexane	7.95	56	2651	1.102	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	9679	4.703	ug/l #	48
37) Ethyl Acetate	7.17	43	38479	43.964	ug/l #	67
38) Carbon Tetrachloride	7.95	117	13290	5.986	ug/l #	15
59) 2-Hexanone	10.94	43	1278	2.022	ug/l #	22
74) N-amyl acetate	12.25	43	1885	1.718	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	39556	64.565	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	39556	134.749	ug/l #	14

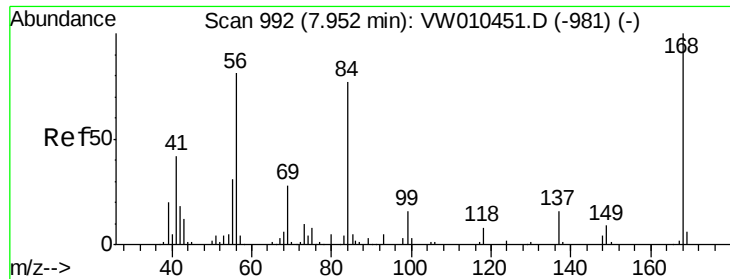
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052319\
Data File : VW010539.D
Acq On : 23 May 2019 19:27
Operator : SY/VA
Sample : K3026-14
Misc : 3.62G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-3-S2

Quant Time: May 24 08:44:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

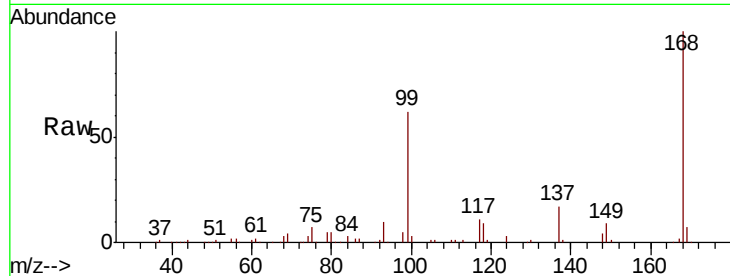
TP-3-S2

Tot Ion:168 Resp: 122743

Ion Ratio Lower Upper

168 100

99 61.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

20000

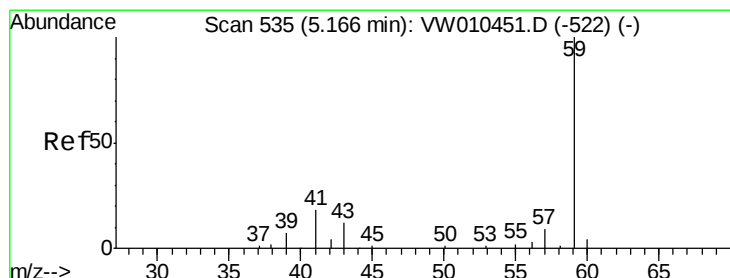
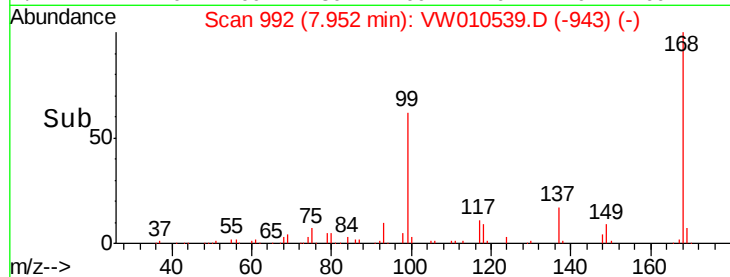
10000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: 2.878 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW010539.D

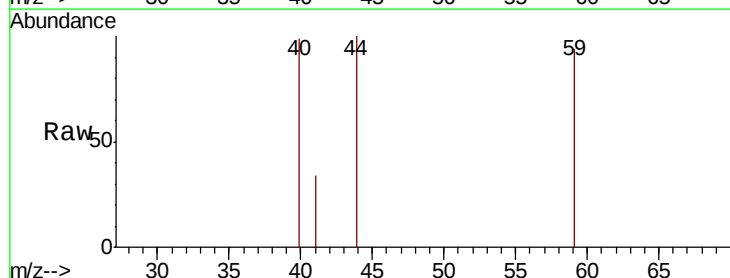
Acq: 23 May 2019 19:27

Tgt Ion: 59 Resp: 328

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

200

150

100

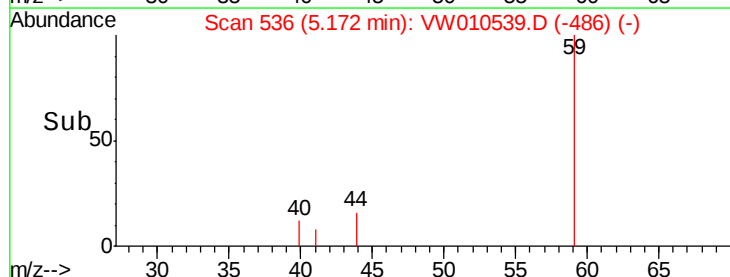
50

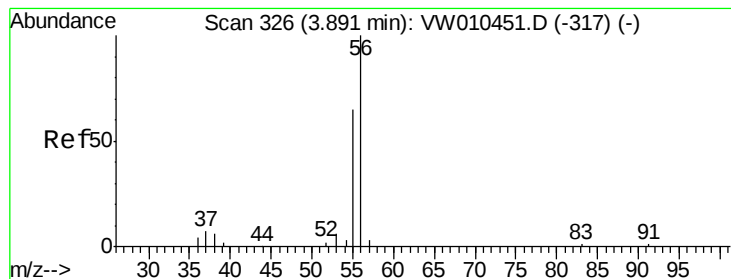
0

5.15

5.20

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Instrument :

MSVOA_W

ClientSampleID :

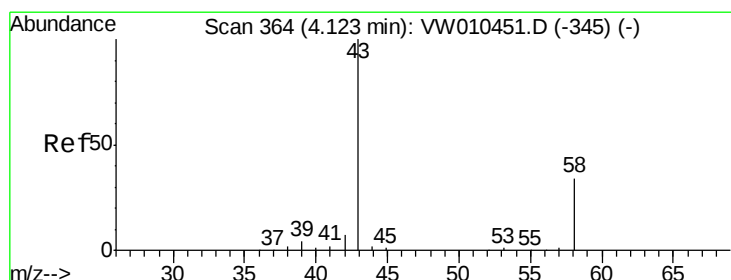
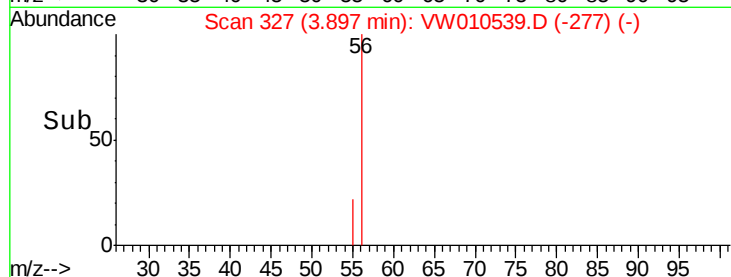
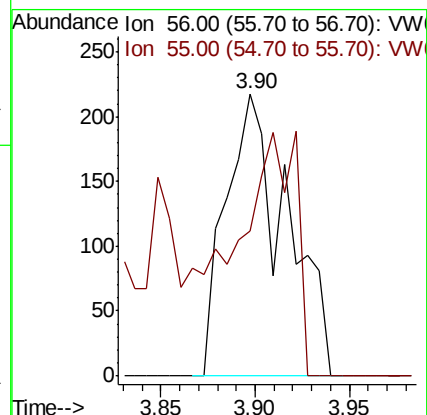
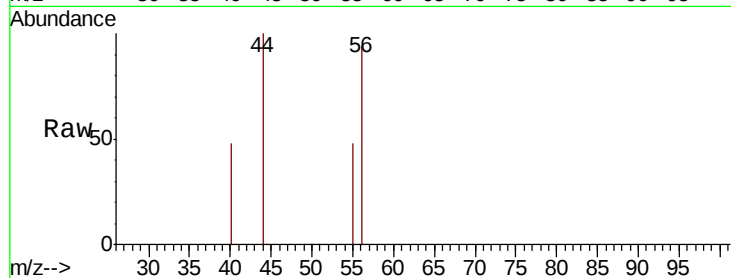
TP-3-S2

Tot Ion: 56 Resp: 484

Ion Ratio Lower Upper

56 100

55 0.0 57.9 86.9#



#16

Acetone

Concen: 288.818 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010539.D

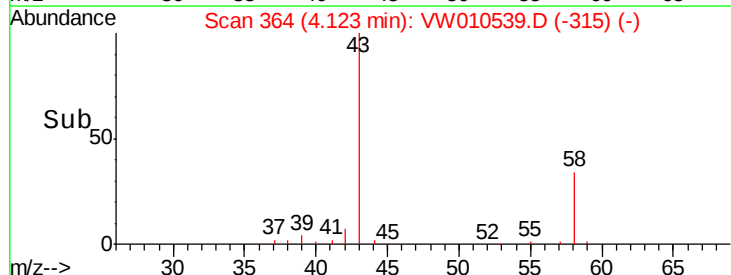
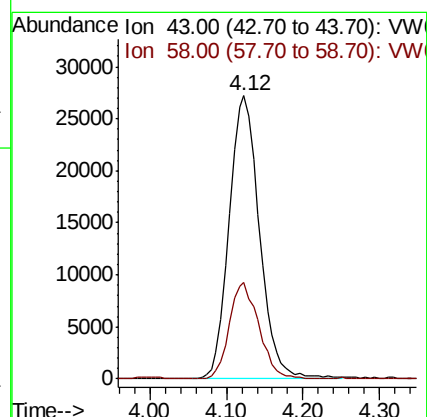
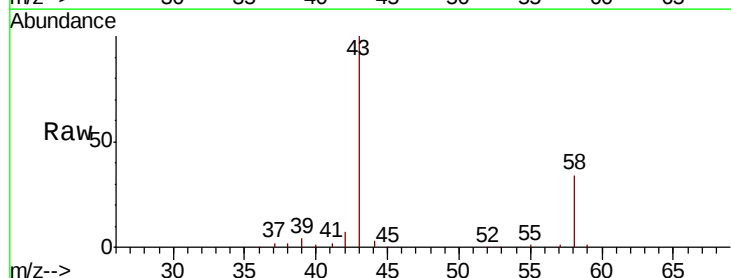
Acq: 23 May 2019 19:27

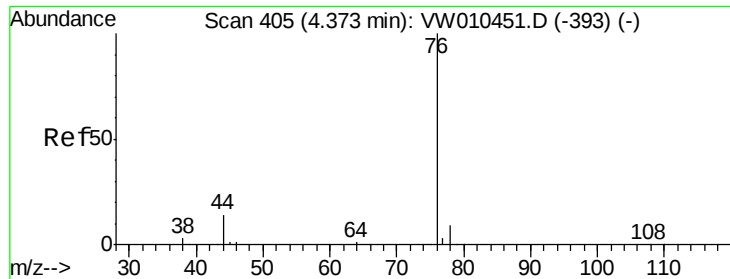
Tgt Ion: 43 Resp: 74690

Ion Ratio Lower Upper

43 100

58 34.0 27.0 40.4





#17

Carbon Disulfide

Concen: 6.756 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Instrument :

MSVOA_W

ClientSampled :

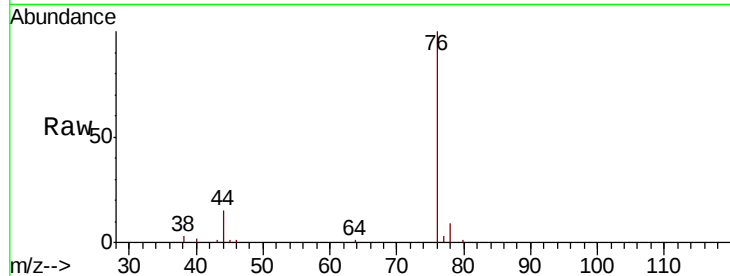
TP-3-S2

Tot Ion: 76 Resp: 26125

Ion Ratio Lower Upper

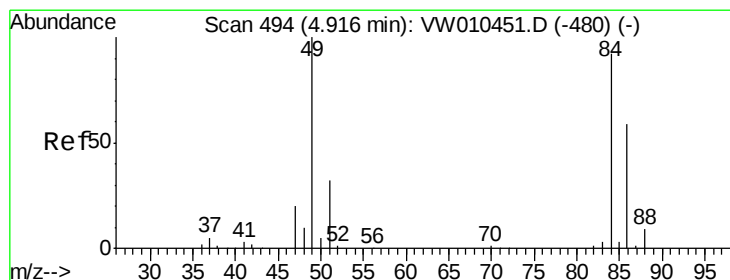
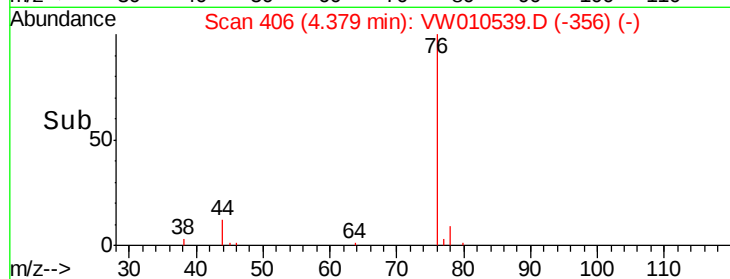
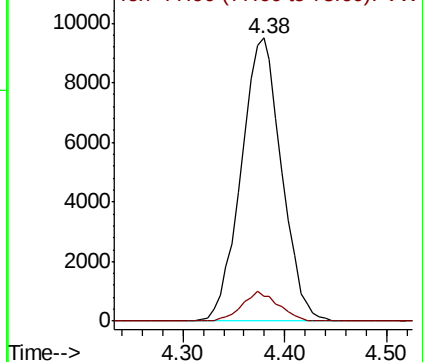
76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Tgt Ion: 84 Resp: 4729

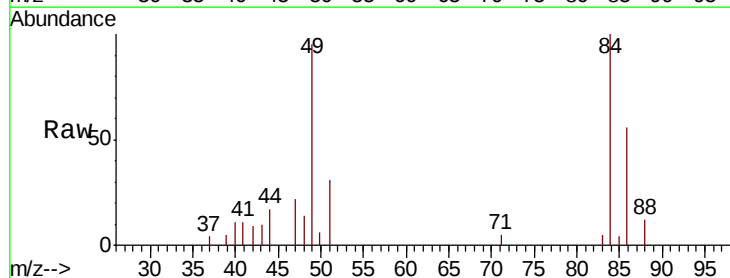
Ion Ratio Lower Upper

84 100

49 94.6 87.2 130.8

51 30.8 27.7 41.5

86 55.5 51.4 77.0

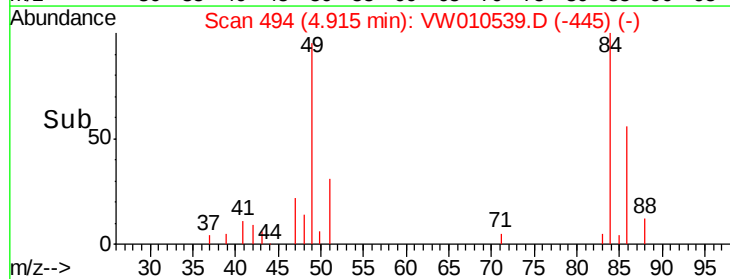
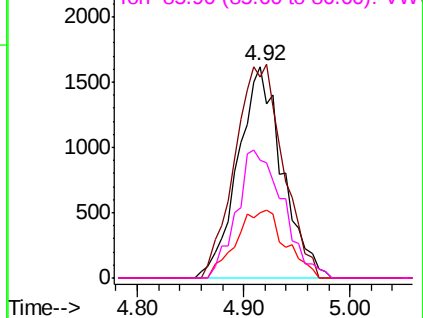


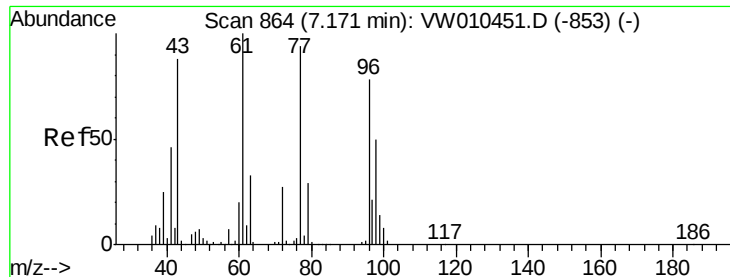
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 103.972 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

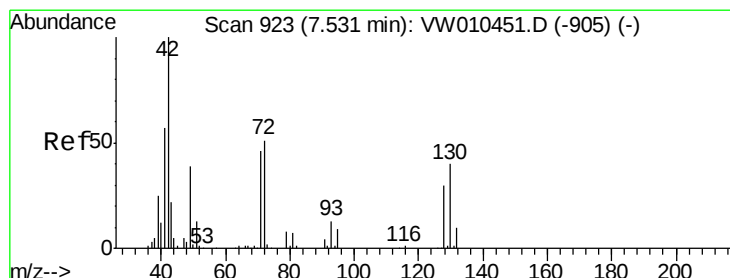
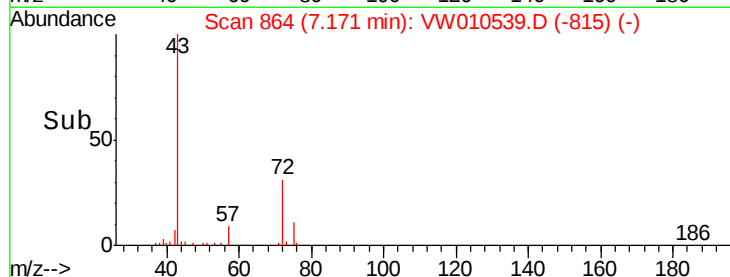
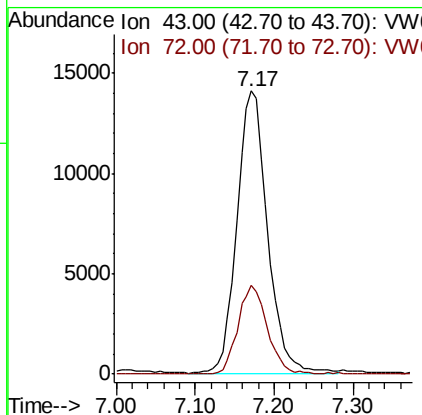
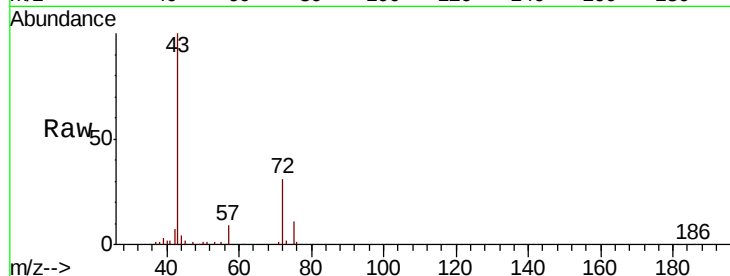
TP-3-S2

Tot Ion: 43 Resp: 38479

Ion Ratio Lower Upper

43 100

72 31.4 24.1 36.1



#29

Tetrahydrofuran

Concen: 2.192 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

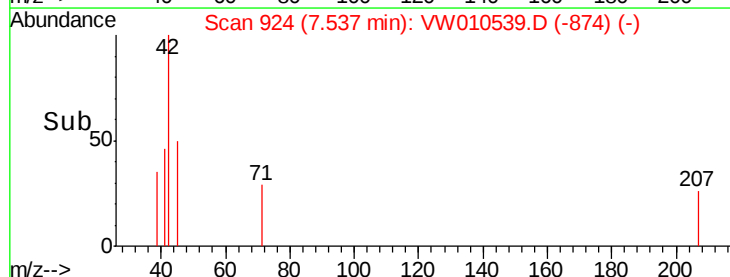
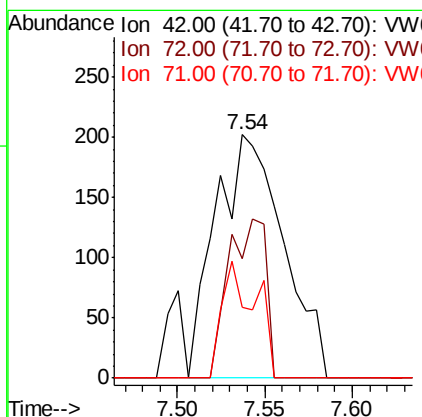
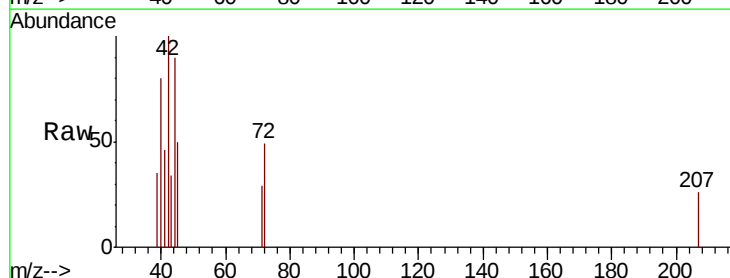
Tgt Ion: 42 Resp: 549

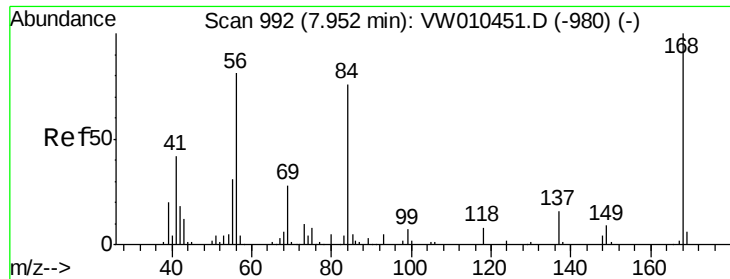
Ion Ratio Lower Upper

42 100

72 35.5 38.5 57.7#

71 23.3 36.5 54.7#

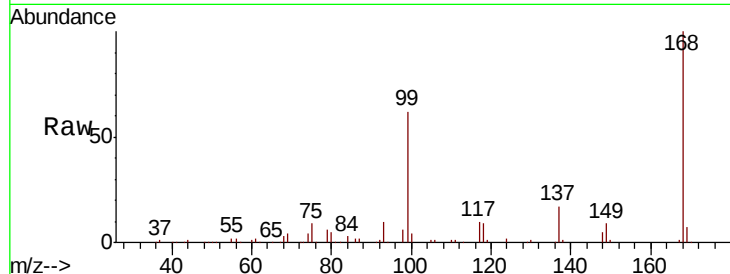




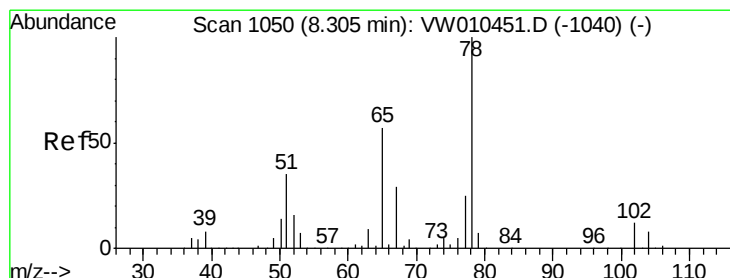
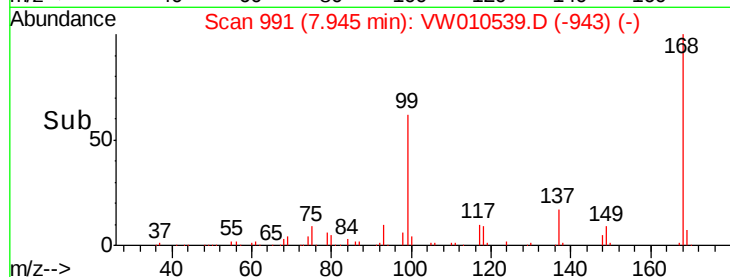
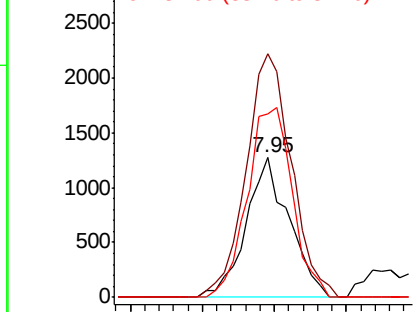
#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010539.D
Acq: 23 May 2019 19:27

Instrument :
MSVOA_W
ClientSampled :
TP-3-S2

Tot Ion: 56 Resp: 2651
Ion Ratio Lower Upper
56 100
69 174.3 28.2 42.2#
84 131.2 75.8 113.8#

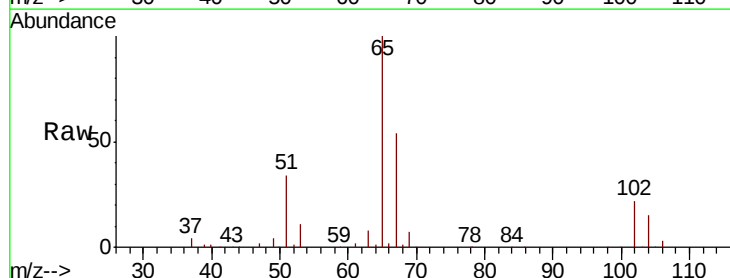


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

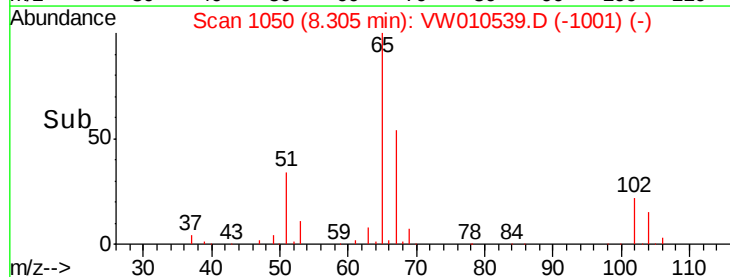
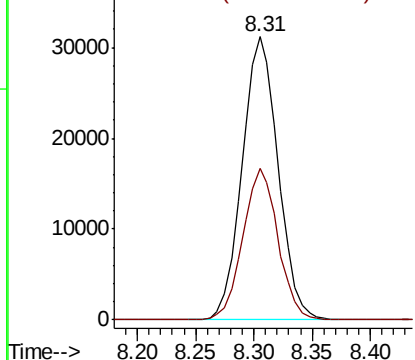


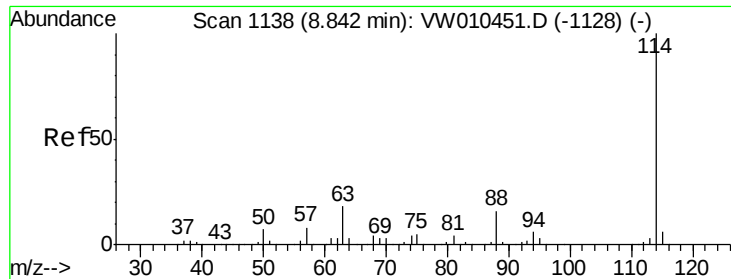
#33
1,2-Dichloroethane-d4
Concen: 52.899 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010539.D
Acq: 23 May 2019 19:27

Tgt Ion: 65 Resp: 67018
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

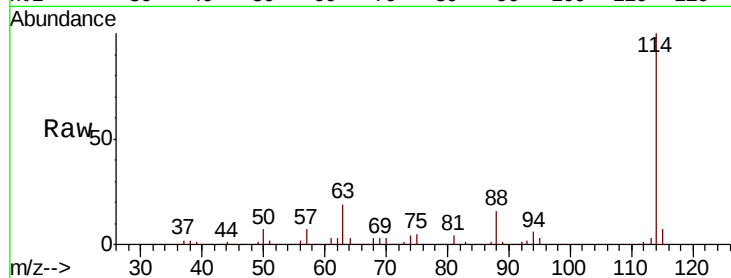




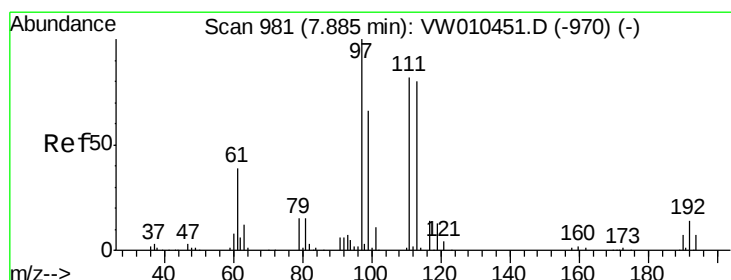
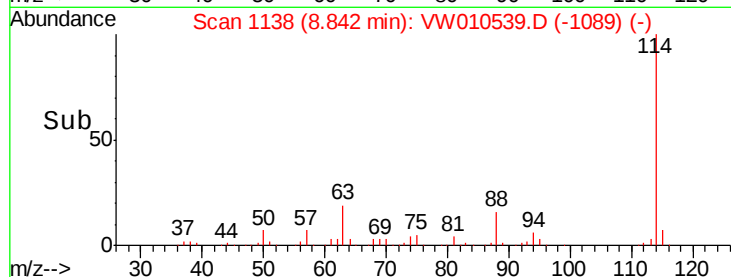
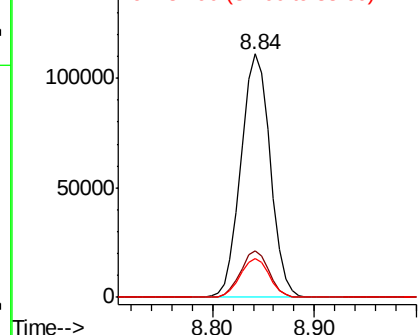
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010539.D
 Acq: 23 May 2019 19:27

Instrument :
 MSVOA_W
 ClientSampled :
 TP-3-S2

Tot Ion:114 Resp: 220940
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.0
 88 15.9 0.0 32.0

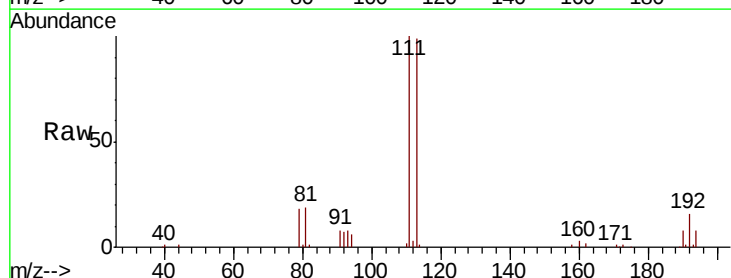


Abundance Ion 113.90 (113.60 to 114.60): V
 150000 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

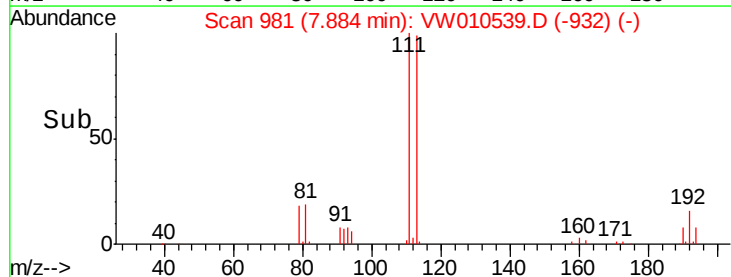
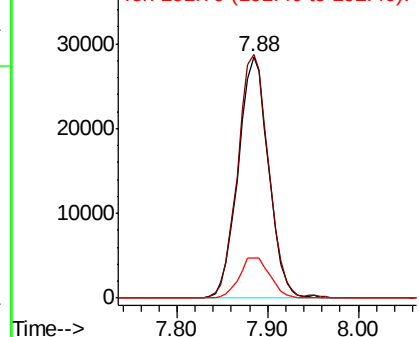


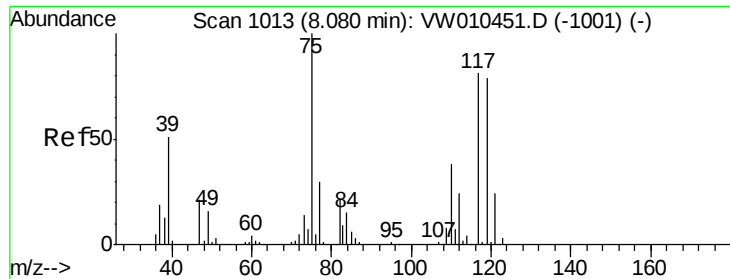
#35
 Dibromofluoromethane
 Concen: 49.270 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010539.D
 Acq: 23 May 2019 19:27

Tgt Ion:113 Resp: 66052
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 17.0 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V
 40000 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.703 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Instrument :

MSVOA_W

ClientSampled :

TP-3-S2

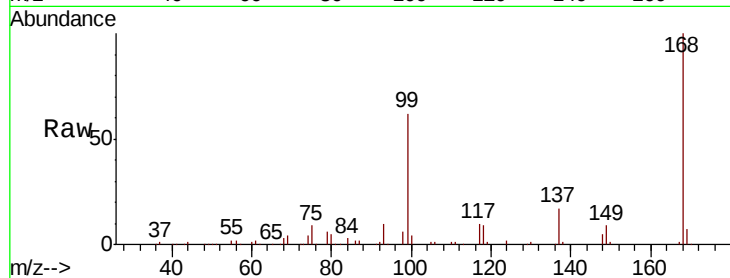
Tot Ion: 75 Resp: 9679

Ion Ratio Lower Upper

75 100

110 8.8 19.2 57.6#

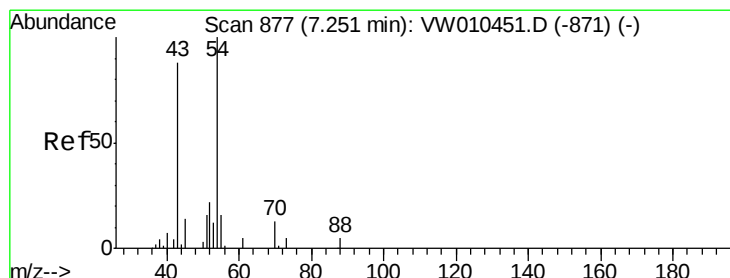
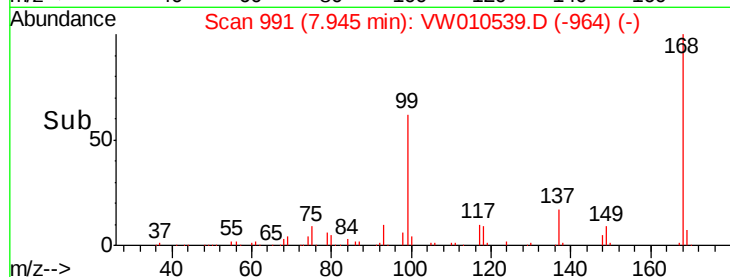
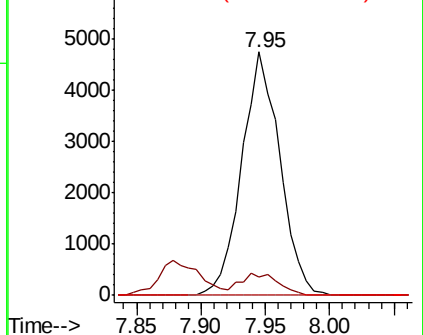
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 43.964 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.08 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

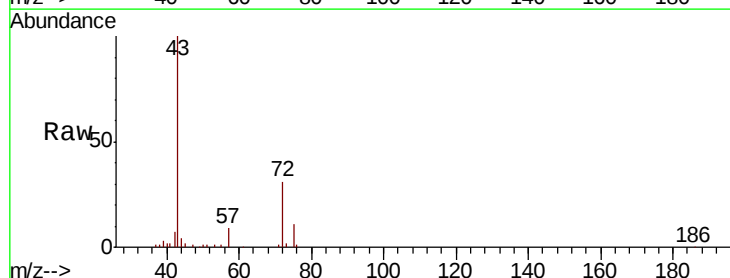
Tgt Ion: 43 Resp: 38479

Ion Ratio Lower Upper

43 100

61 0.0 11.2 16.8#

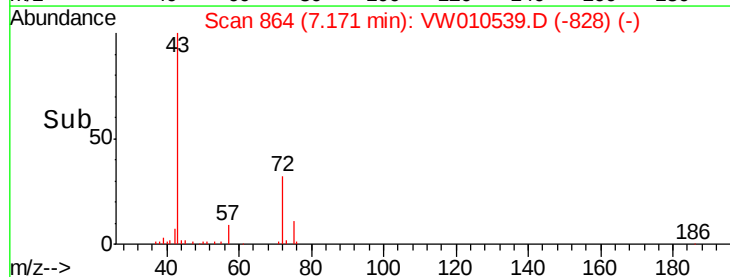
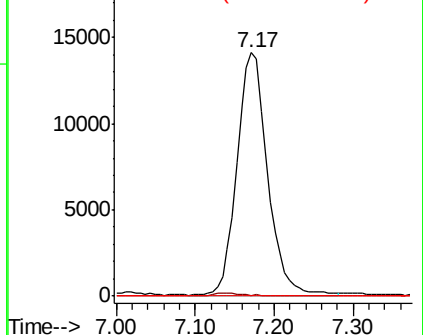
70 0.0 9.9 14.9#

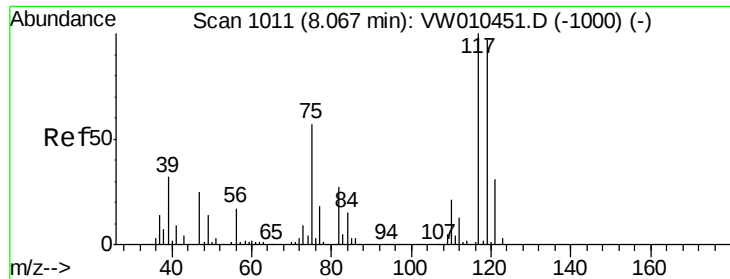


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

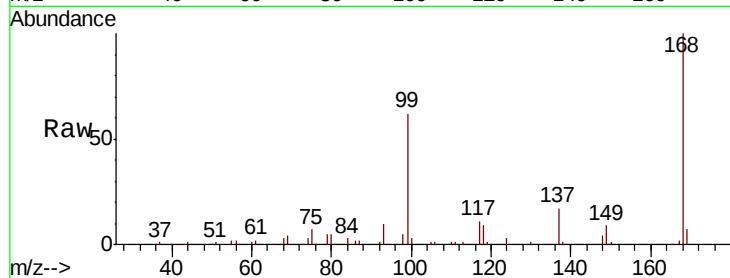




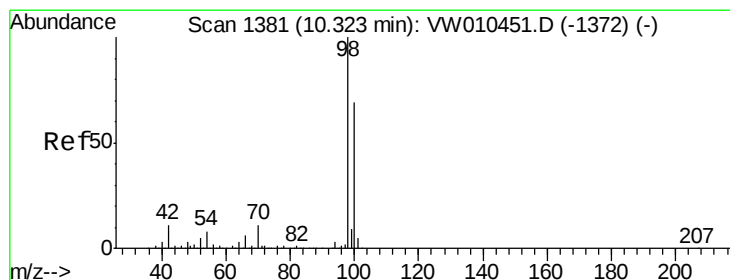
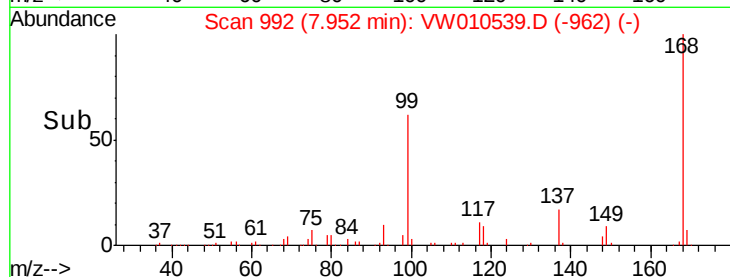
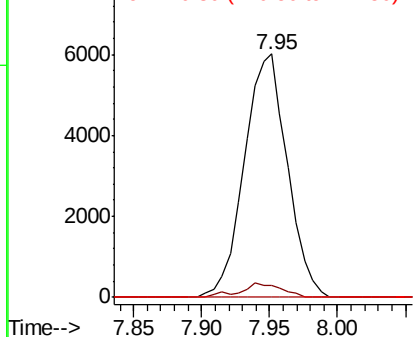
#38
Carbon Tetrachloride
Concen: 5.986 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010539.D
Acq: 23 May 2019 19:27

Instrument :
MSVOA_W
ClientSampleId :
TP-3-S2

Tot Ion:117 Resp: 13290
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 25.0 37.6#

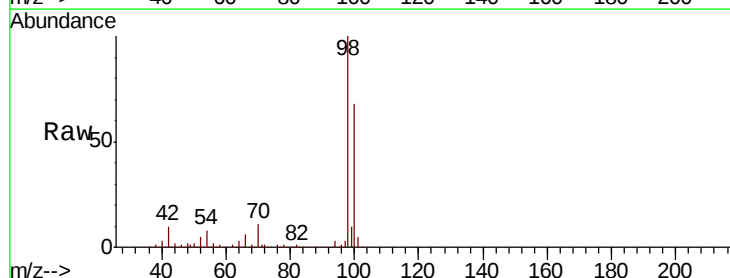


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

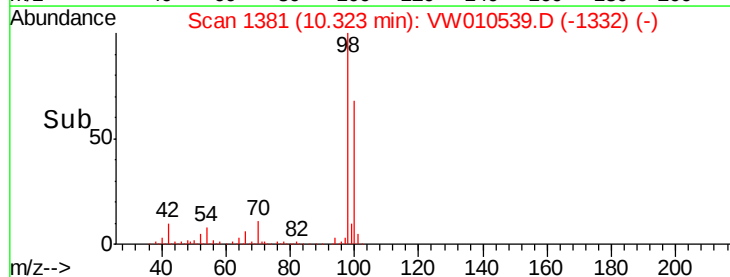
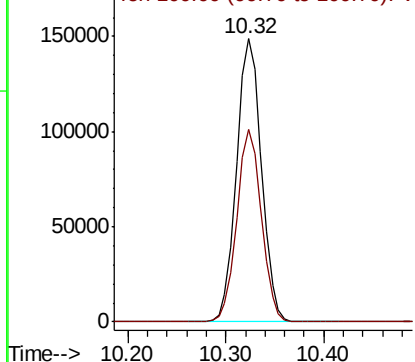


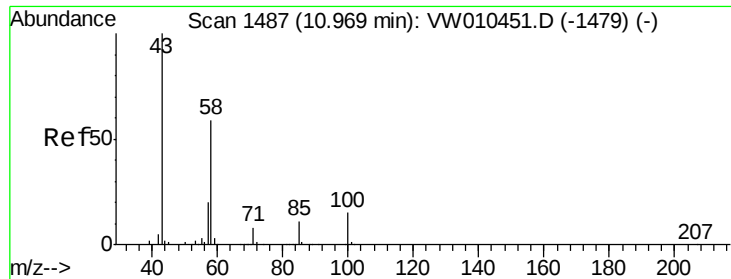
#50
Toluene-d8
Concen: 51.418 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010539.D
Acq: 23 May 2019 19:27

Tgt Ion: 98 Resp: 263336
Ion Ratio Lower Upper
98 100
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

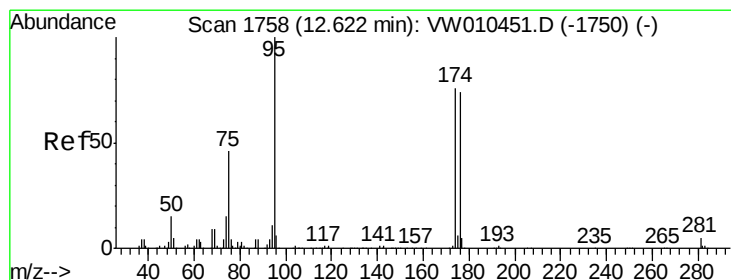
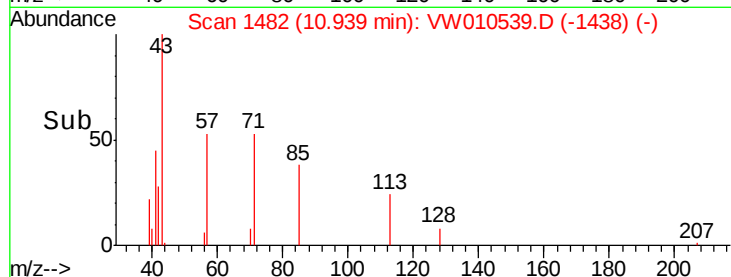
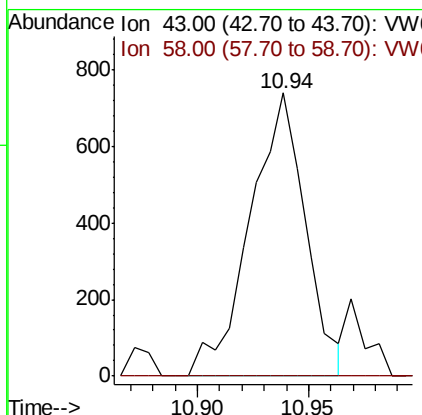
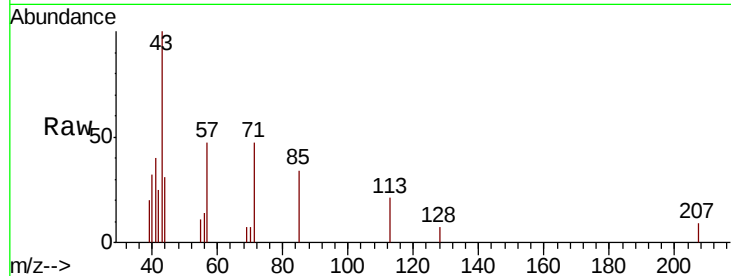




#59
2-Hexanone
Concen: 2.022 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW010539.D
Acq: 23 May 2019 19:27

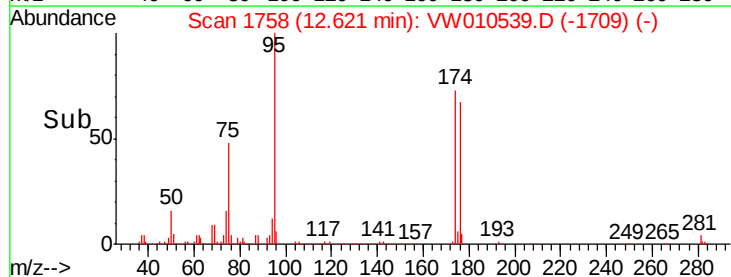
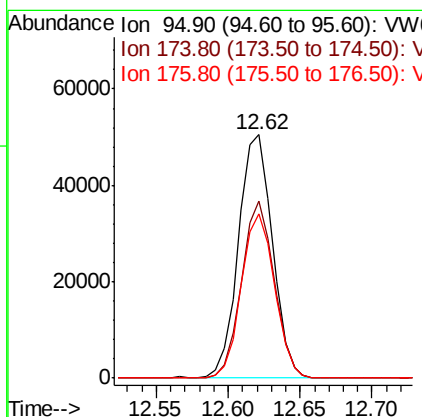
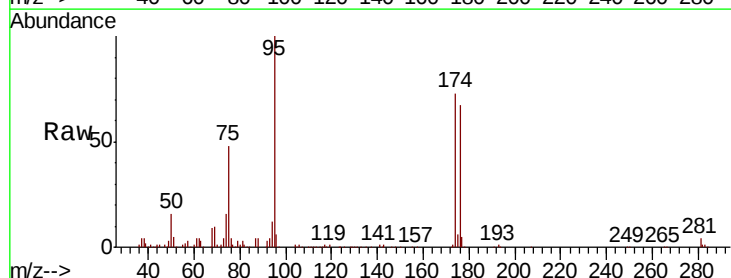
Instrument :
MSVOA_W
ClientSampleId :
TP-3-S2

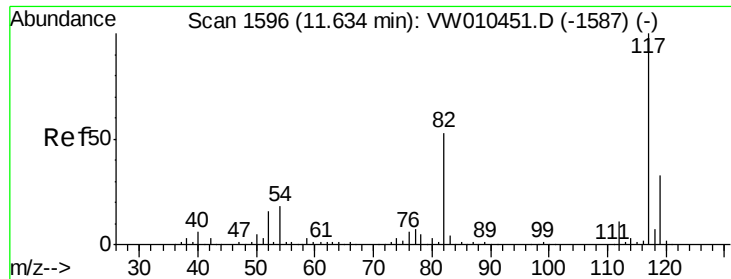
Tot Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 0.0 28.9 86.8#



#62
4-Bromofluorobenzene
Concen: 40.278 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010539.D
Acq: 23 May 2019 19:27

Tgt Ion: 95 Resp: 82166
Ion Ratio Lower Upper
95 100
174 70.2 0.0 148.6
176 66.5 0.0 144.2

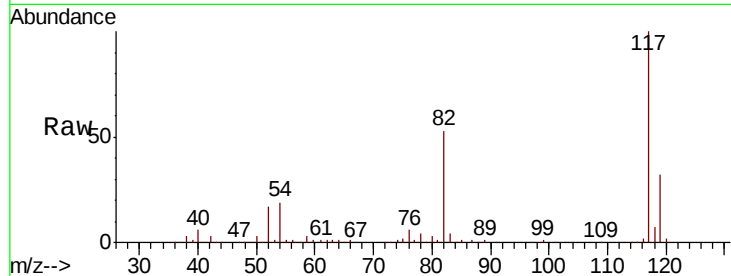




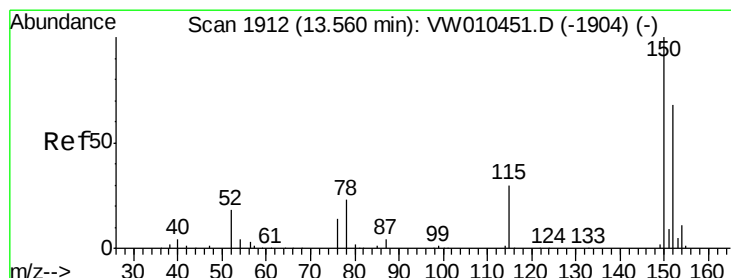
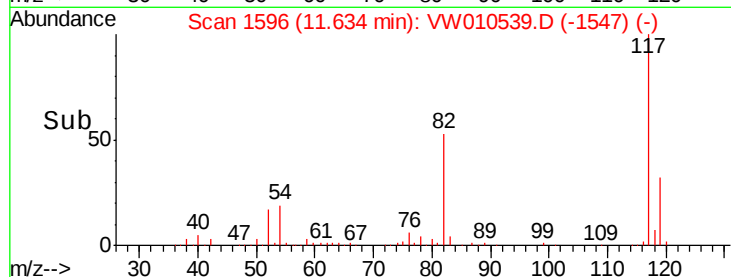
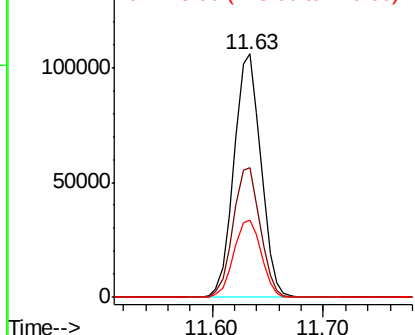
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW010539.D
 Acq: 23 May 2019 19:27

Instrument :
 MSVOA_W
 ClientSampled :
 TP-3-S2

Tot Ion:117 Resp: 177723
 Ion Ratio Lower Upper
 117 100
 82 53.2 42.8 64.2
 119 31.9 26.3 39.5

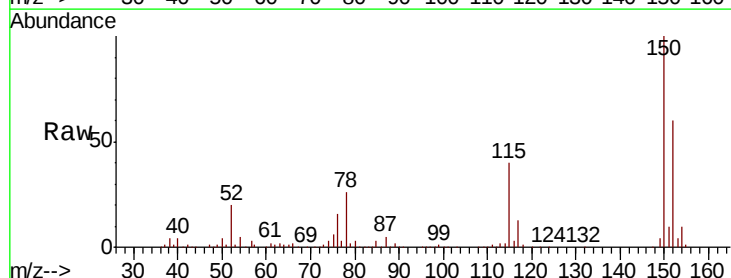


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

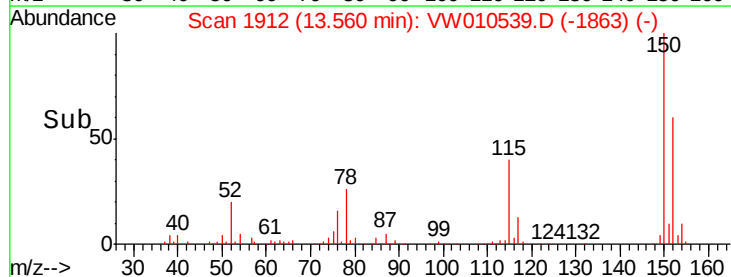
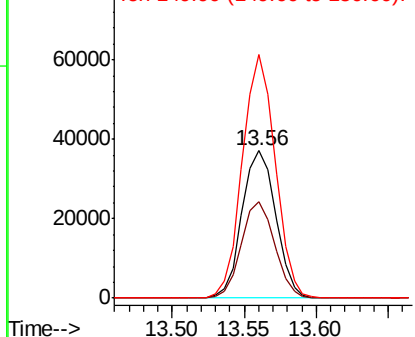


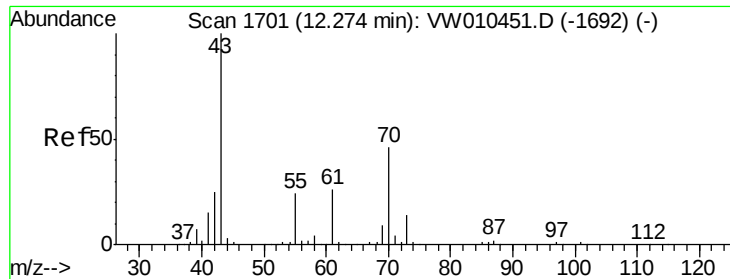
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010539.D
 Acq: 23 May 2019 19:27

Tgt Ion:152 Resp: 60356
 Ion Ratio Lower Upper
 152 100
 115 64.8 30.3 91.0
 150 160.4 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.718 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW010539.D

Acq: 23 May 2019 19:27

Instrument :

MSVOA_W

ClientSampleId :

TP-3-S2

Tot Ion: 43 Resp: 1885

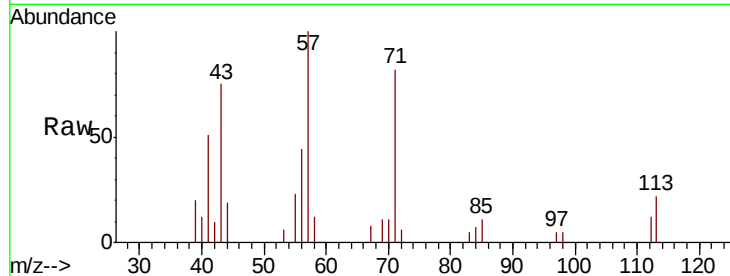
Ion Ratio Lower Upper

43 100

70 0.0 37.1 55.7#

55 0.0 19.6 29.4#

61 0.0 20.7 31.1#

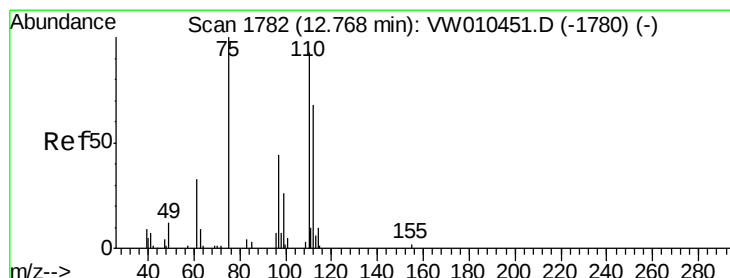
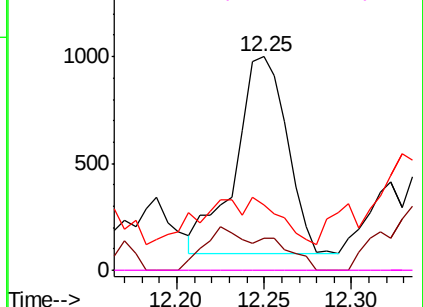
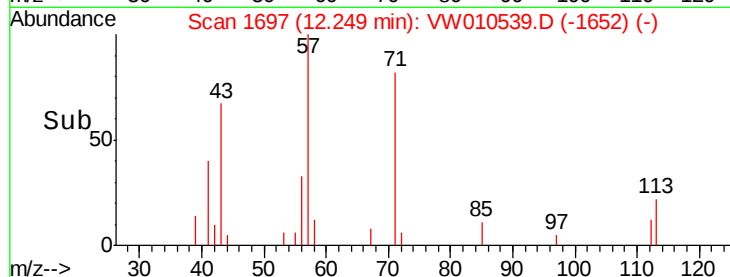


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 64.565 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010539.D

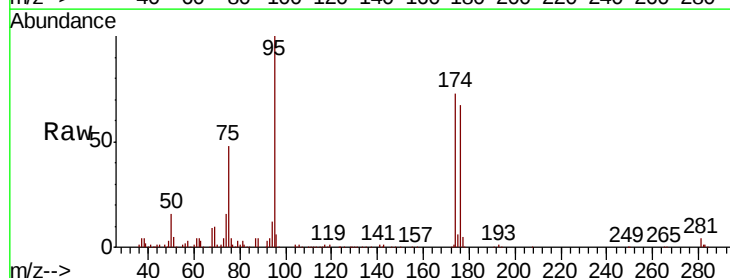
Acq: 23 May 2019 19:27

Tgt Ion: 75 Resp: 39556

Ion Ratio Lower Upper

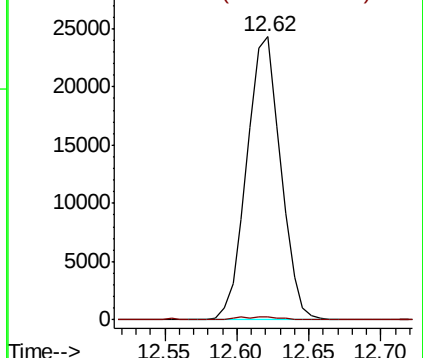
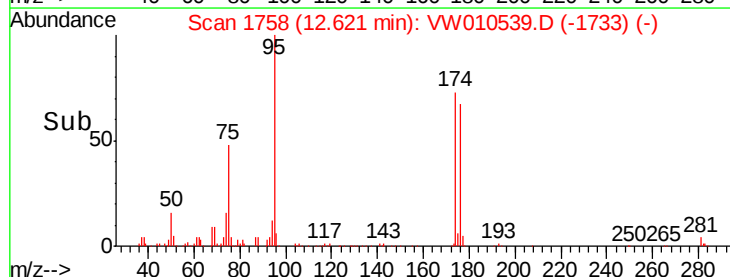
75 100

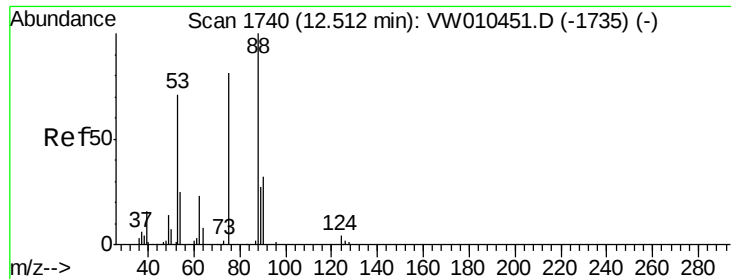
77 1.3 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.749 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010539.D
 Acq: 23 May 2019 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2

Tot Ion: 75 Resp: 39556
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.8 104.8#
 89 0.1 39.5 59.3#

