

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015325.D
 Acq On : 23 Apr 2020 12:08
 Operator : SY/VA
 Sample : L2394-06
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 06:34:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	159903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	219967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	75664	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	56787	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
35) Dibromofluoromethane	7.89	113	59100	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	10.32	98	256147	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.62	95	78525	40.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.30%	

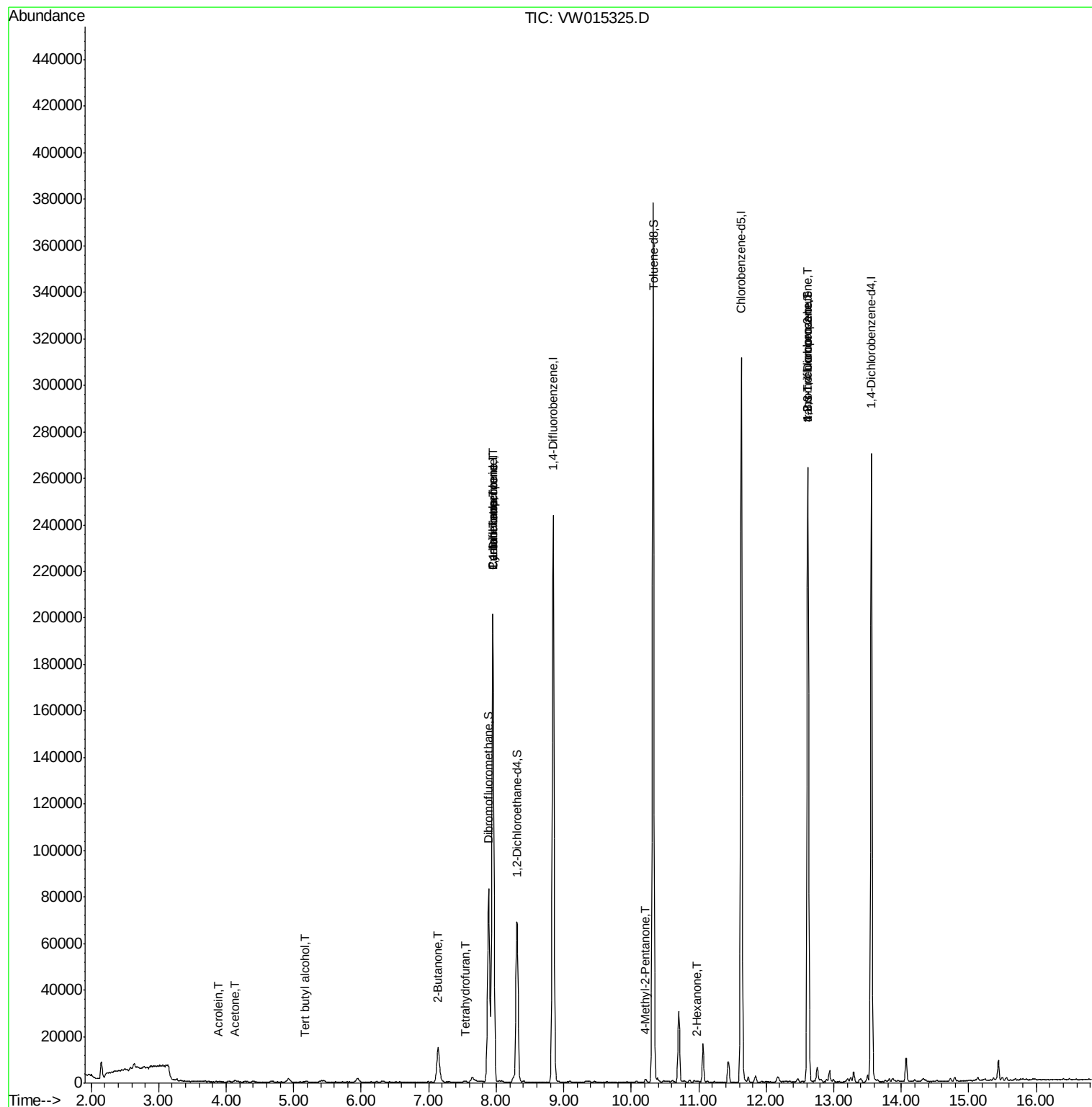
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	465	4.362	ug/l #	83
13) Acrolein	3.89	56	77	1.380	ug/l #	42
16) Acetone	4.13	43	1588	6.953	ug/l	91
25) 2-Butanone	7.14	43	1086	3.584	ug/l #	48
29) Tetrahydrofuran	7.55	42	442	2.341	ug/l #	79
31) Cyclohexane	7.95	56	3272	1.353	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	10681	5.380	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14523	6.694	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	1105	1.742	ug/l	89
59) 2-Hexanone	10.98	43	638	1.409	ug/l	69
76) 1,2,3-Trichloropropane	12.62	75	40574	69.317	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40574	151.527	ug/l #	15

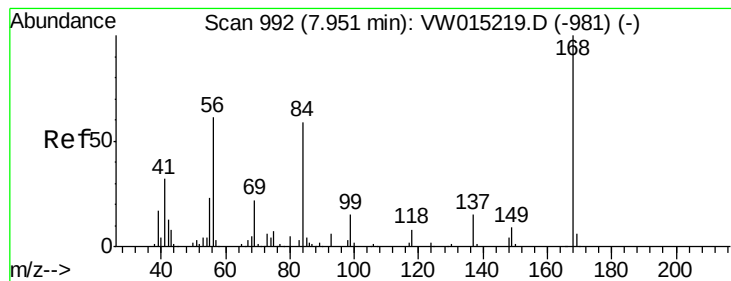
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042320\
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Quant Title : SW846 8260
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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: VW015325.D

Acq: 23 Apr 2020 12:08

Instrument :

MSVOA_W

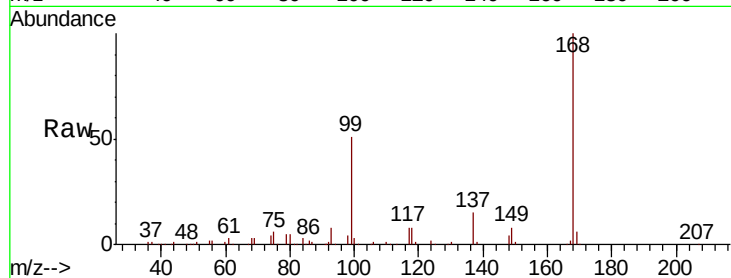
ClientSampled :

Tot Ion:168 Resp: 159903

Ion Ratio Lower Upper

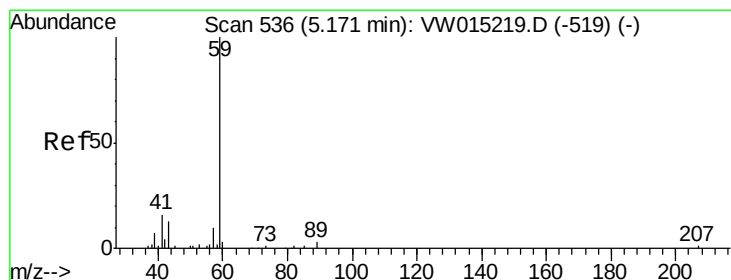
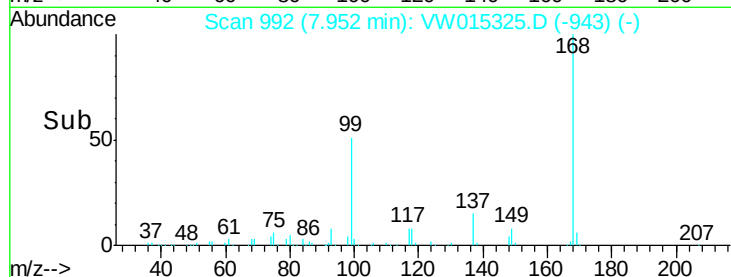
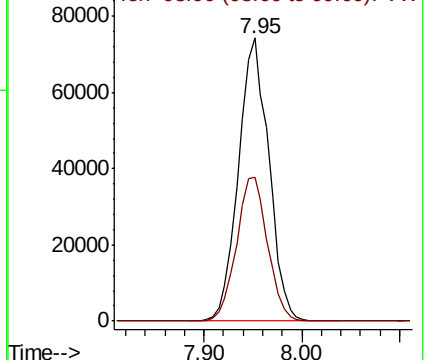
168 100

99 50.5 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 4.362 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW015325.D

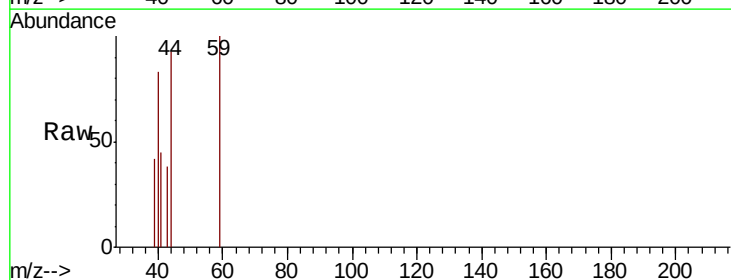
Acq: 23 Apr 2020 12:08

Tgt Ion: 59 Resp: 465

Ion Ratio Lower Upper

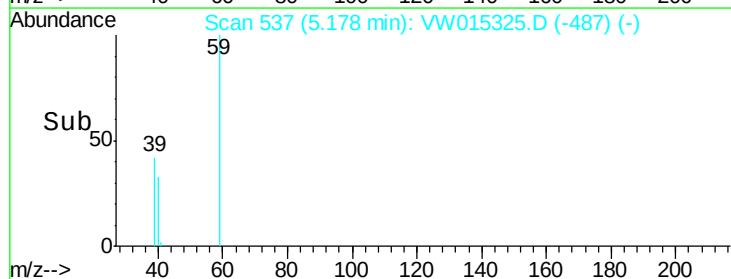
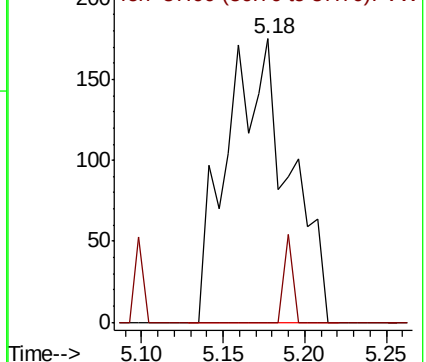
59 100

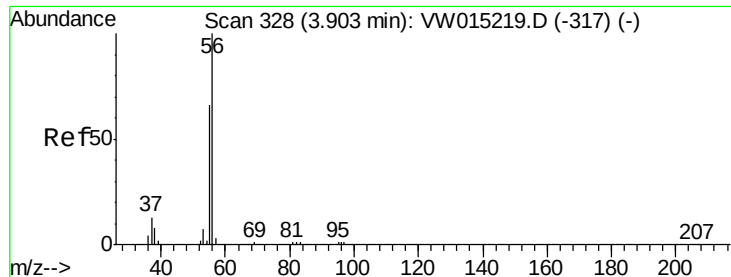
57 4.3 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.380 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW015325.D

Acq: 23 Apr 2020 12:08

Instrument :

MSVOA_W

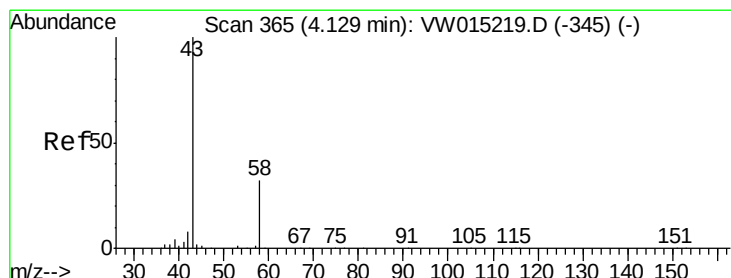
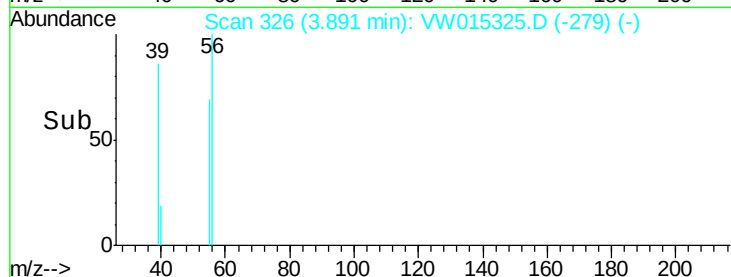
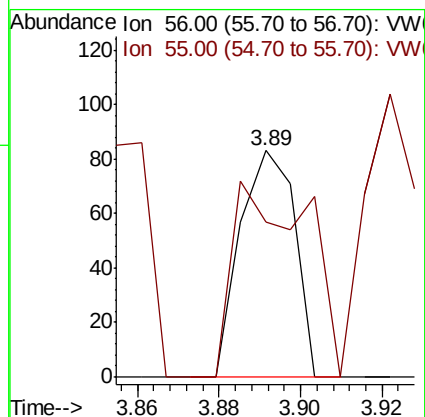
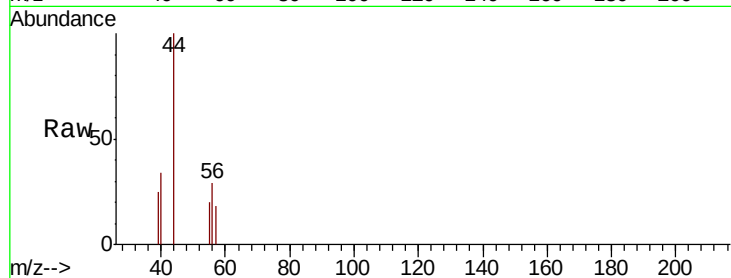
ClientSampleId :

Tot Ion: 56 Resp: 77

Ion Ratio Lower Upper

56 100

55 118.2 56.2 84.2#



#16

Acetone

Concen: 6.953 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015325.D

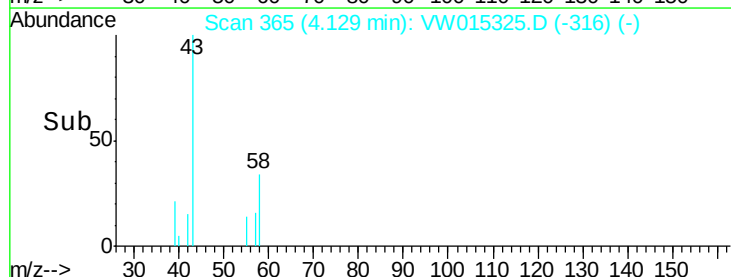
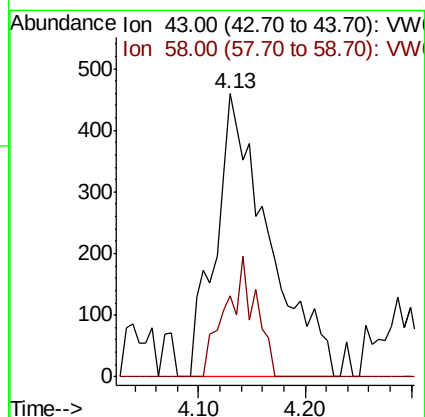
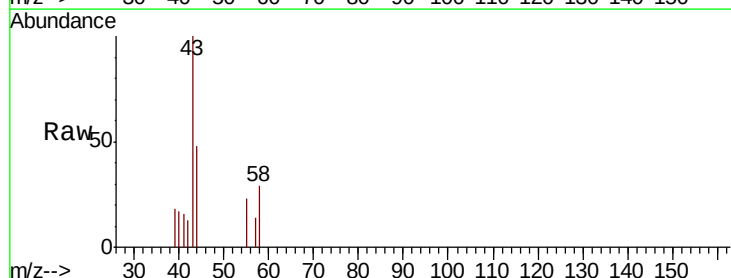
Acq: 23 Apr 2020 12:08

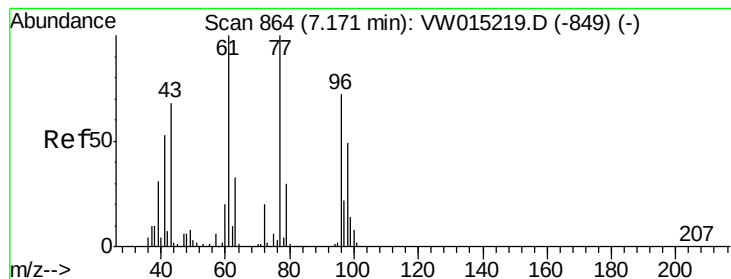
Tgt Ion: 43 Resp: 1588

Ion Ratio Lower Upper

43 100

58 28.5 27.0 40.4





#25

2-Butanone

Concen: 3.584 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW015325.D

Acq: 23 Apr 2020 12:08

Instrument :

MSVOA_W

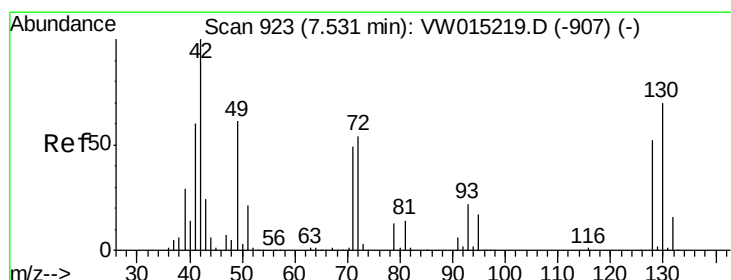
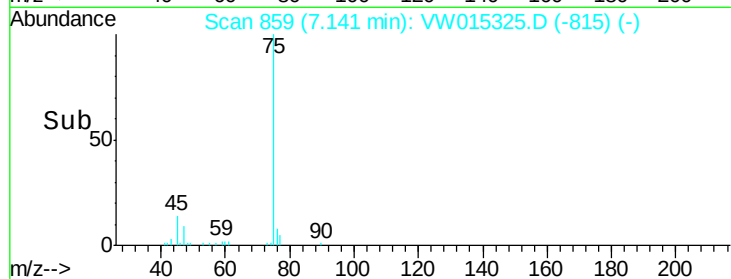
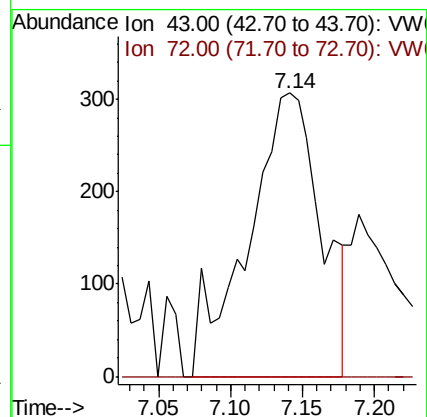
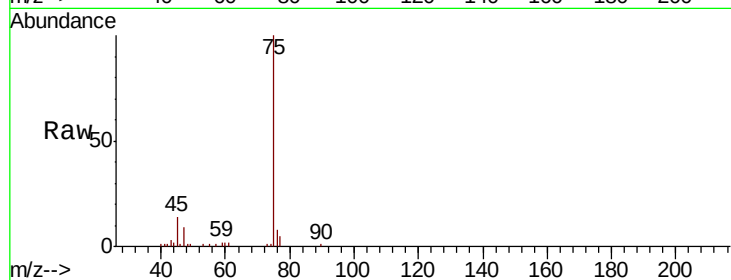
ClientSampled :

Tot Ion: 43 Resp: 1086

Ion Ratio Lower Upper

43 100

72 0.0 21.6 32.4#



#29

Tetrahydrofuran

Concen: 2.341 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW015325.D

Acq: 23 Apr 2020 12:08

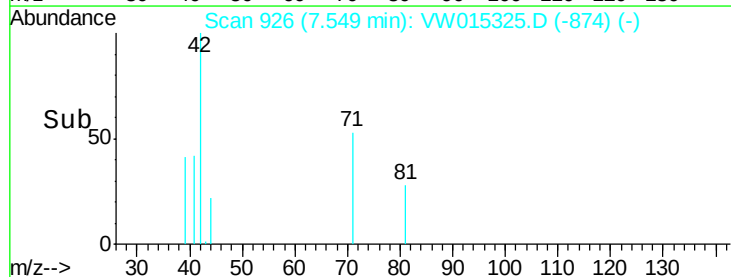
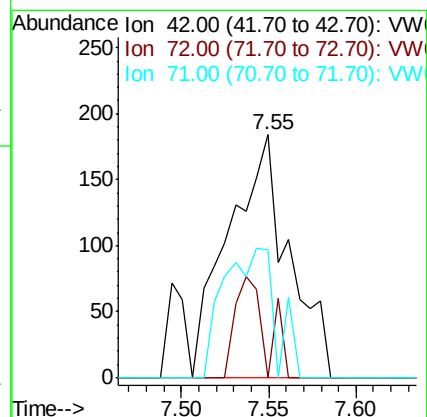
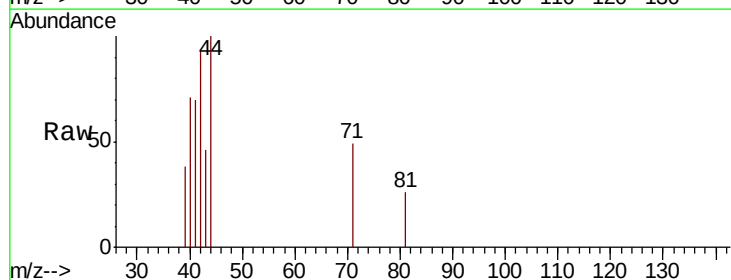
Tgt Ion: 42 Resp: 442

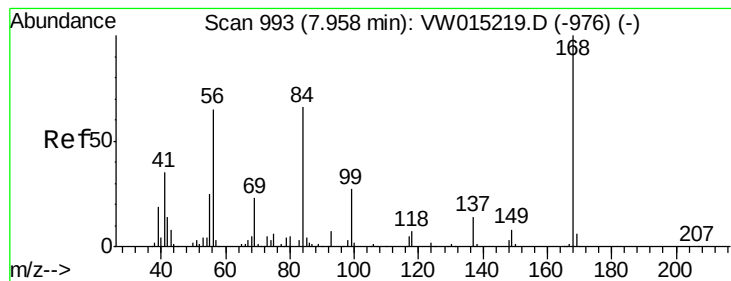
Ion Ratio Lower Upper

42 100

72 21.5 36.2 54.2#

71 45.9 34.2 51.4





#31

Cyclohexane

Concen: 1.353 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015325.D

Acq: 23 Apr 2020 12:08

Instrument :

MSVOA_W

ClientSampleId :

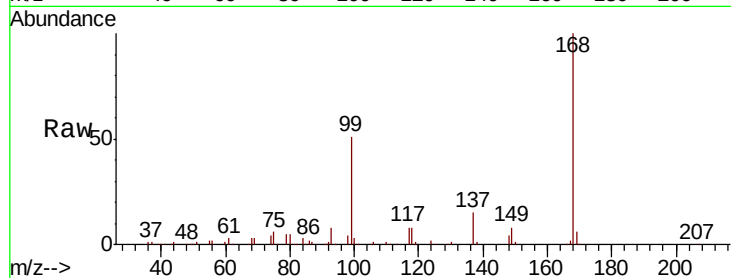
Tot Ion: 56 Resp: 3272

Ion Ratio Lower Upper

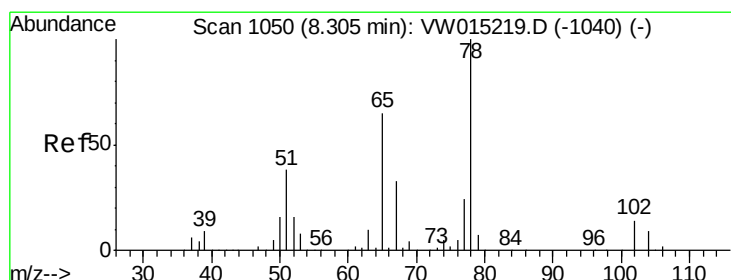
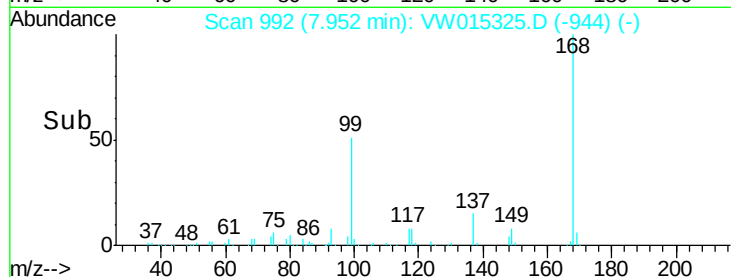
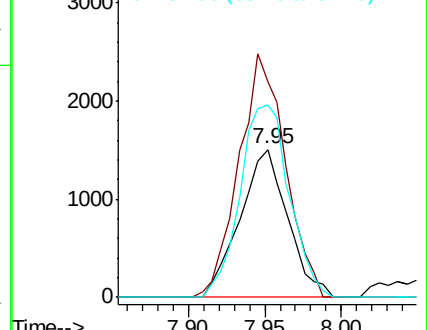
56 100

69 145.1 27.1 40.7#

84 129.6 71.9 107.9#



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: 43.428 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015325.D

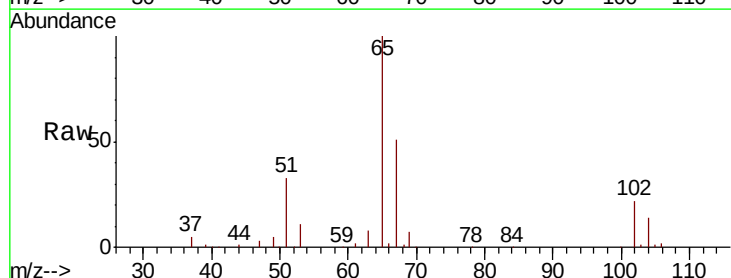
Acq: 23 Apr 2020 12:08

Tgt Ion: 65 Resp: 56787

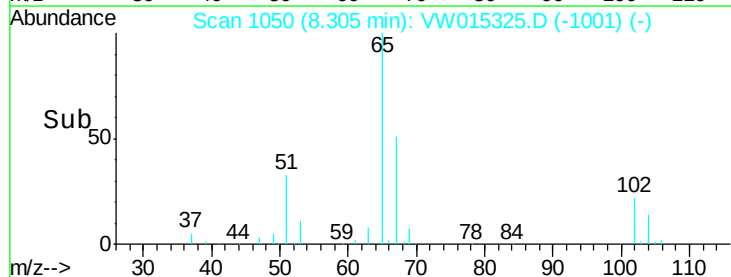
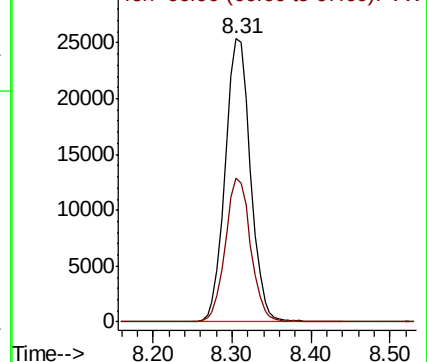
Ion Ratio Lower Upper

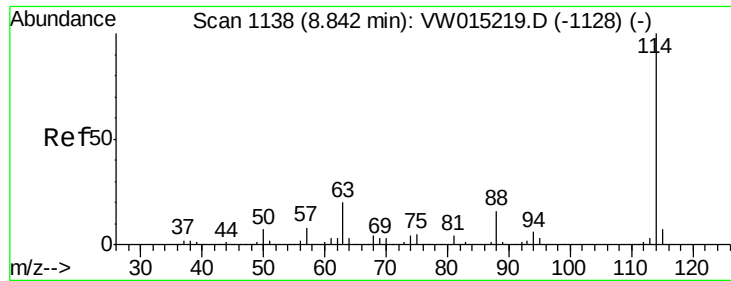
65 100

67 50.6 0.0 107.0



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: VW015325.D

Acq: 23 Apr 2020 12:08

Instrument :

MSVOA_W

ClientSampleId :

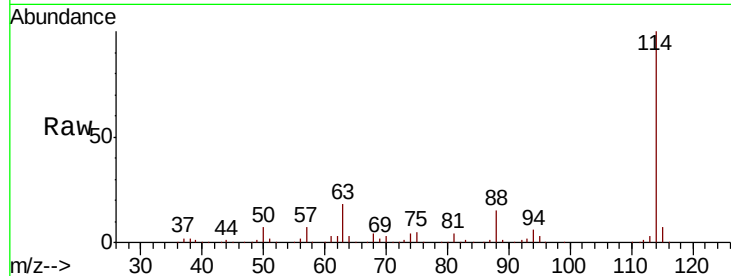
Tot Ion:114 Resp: 219967

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.8

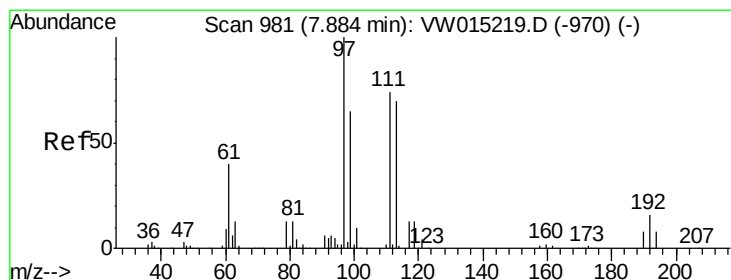
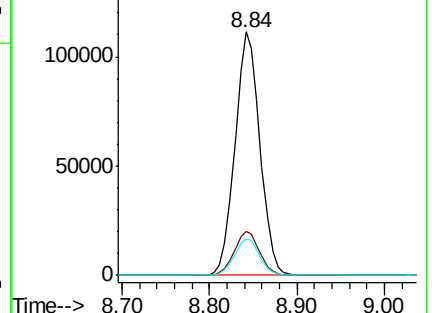
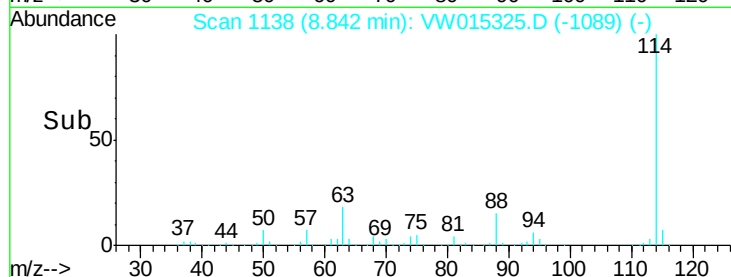
88 15.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 48.505 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015325.D

Acq: 23 Apr 2020 12:08

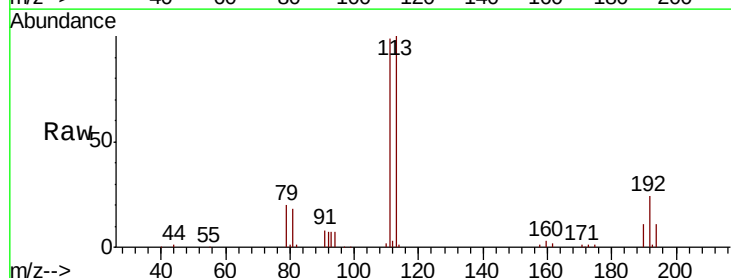
Tgt Ion:113 Resp: 59100

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

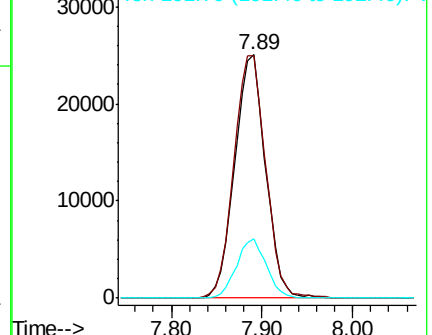
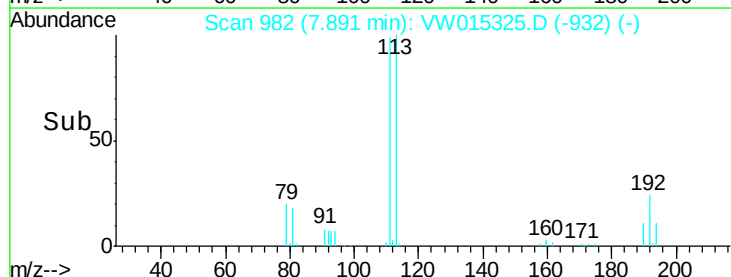
192 23.5 15.1 22.7#

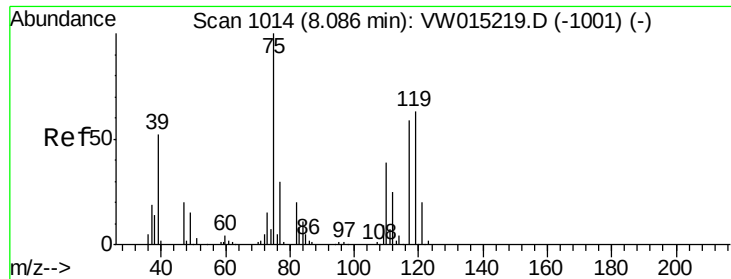


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

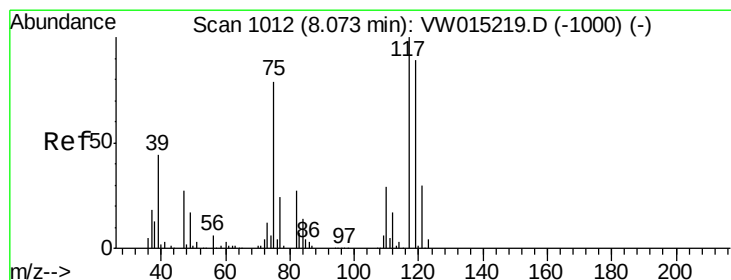
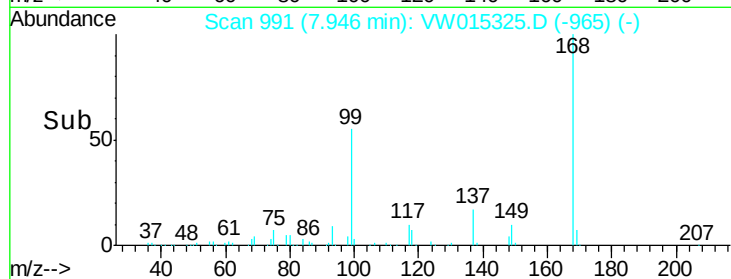
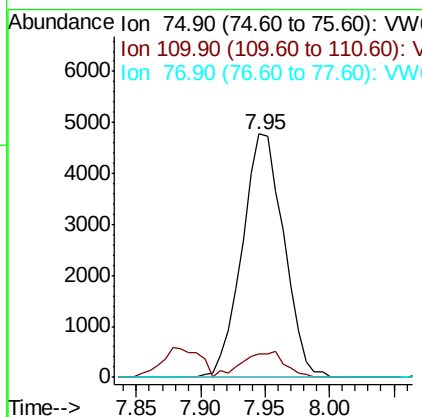
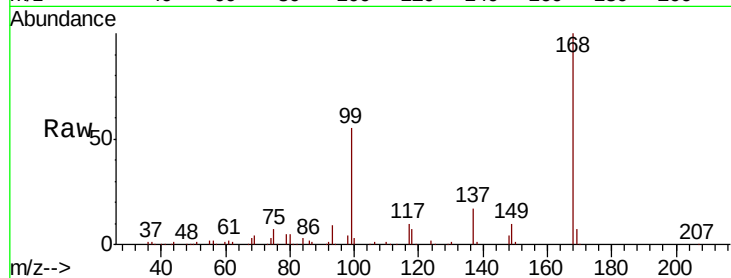




#36
 1,1-Dichloropropene
 Concen: 5.380 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015325.D
 Acq: 23 Apr 2020 12:08

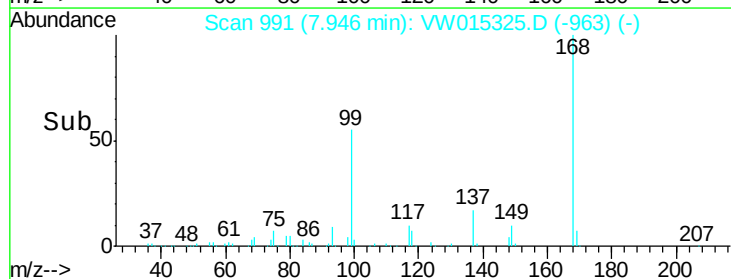
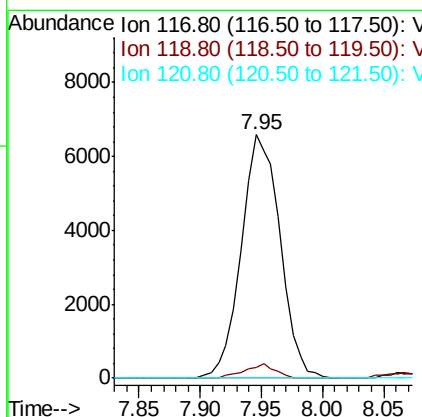
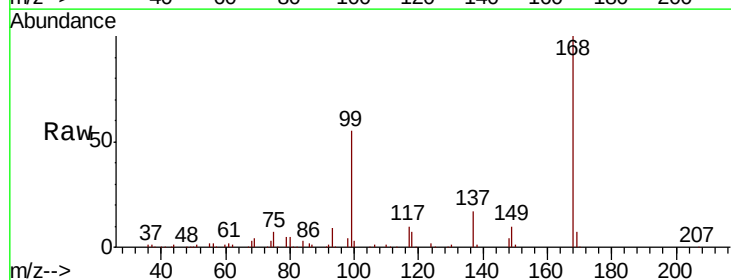
Instrument :
 MSVOA_W
 ClientSampleId :

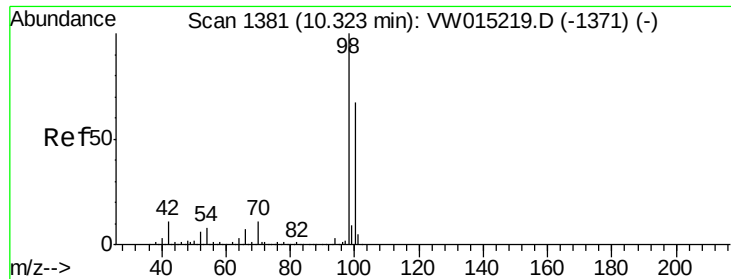
Tot Ion: 75 Resp: 10681
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.2 54.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.694 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW015325.D
 Acq: 23 Apr 2020 12:08

Tgt Ion:117 Resp: 14523
 Ion Ratio Lower Upper
 117 100
 119 4.5 72.3 108.5#
 121 0.0 23.7 35.5#

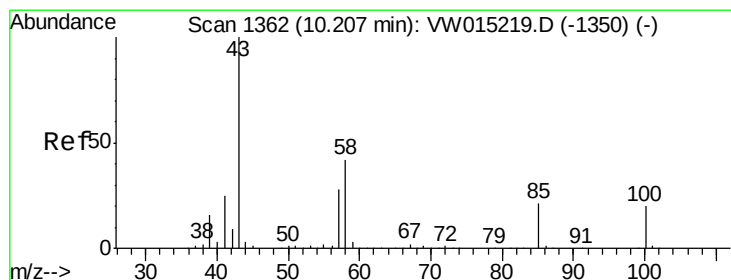
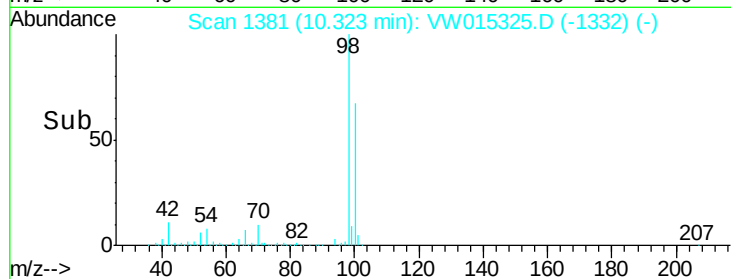
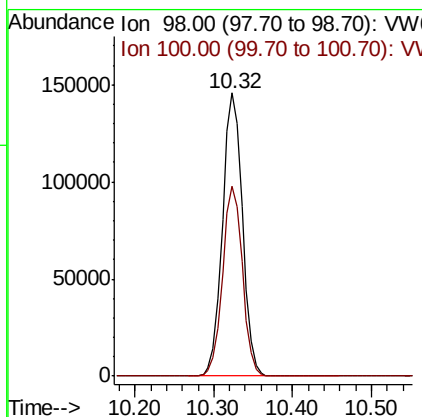
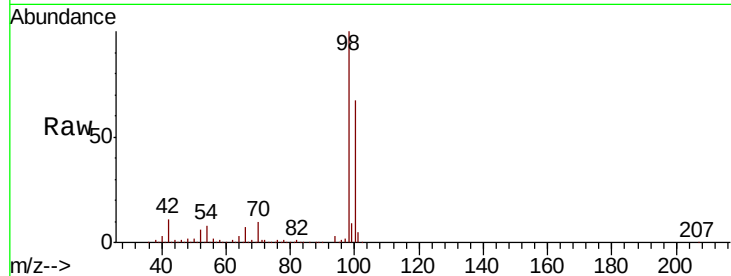




#50
Toluene-d8
Concen: 49.974 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015325.D
Acq: 23 Apr 2020 12:08

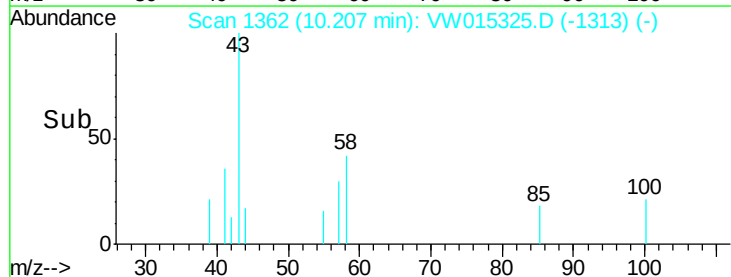
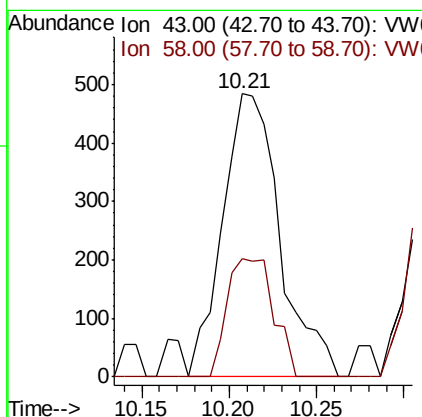
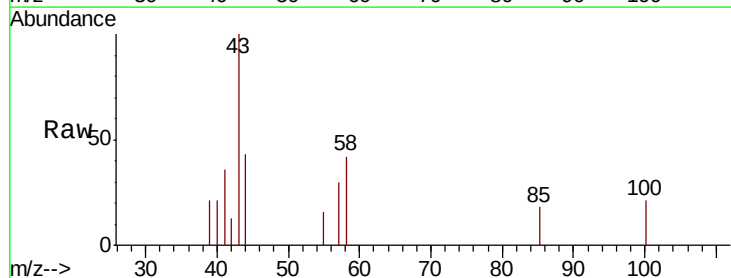
Instrument :
MSVOA_W
ClientSampled :

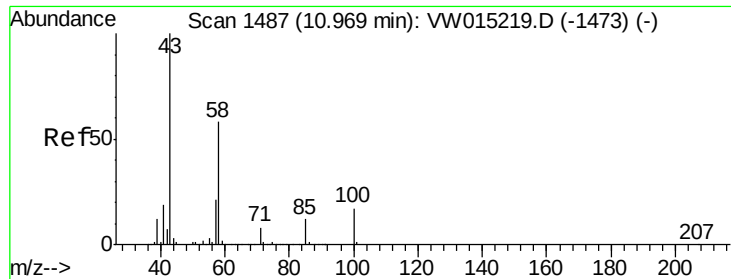
Tot Ion: 98 Resp: 256147
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 1.742 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW015325.D
Acq: 23 Apr 2020 12:08

Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 33.6 32.3 48.5

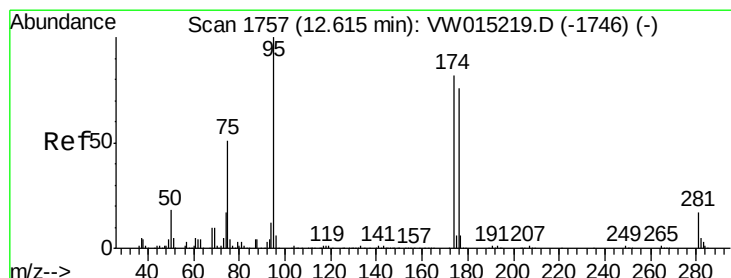
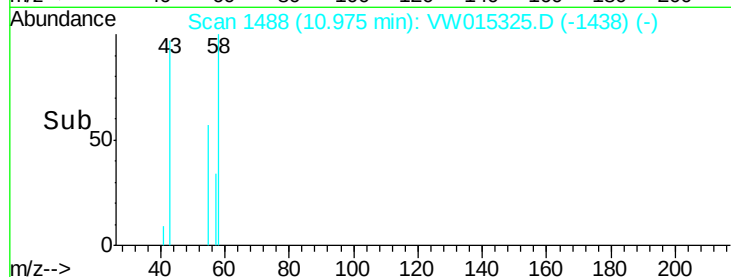
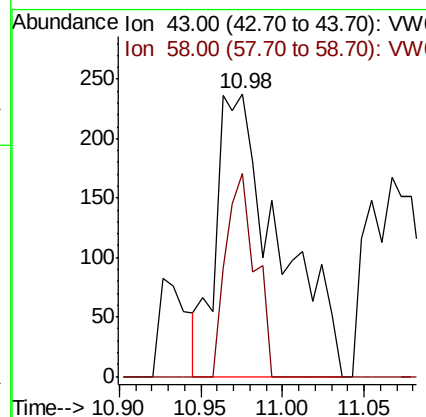
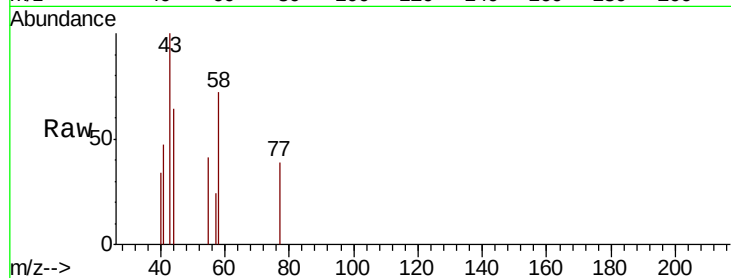




#59
2-Hexanone
Concen: 1.409 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW015325.D
Acq: 23 Apr 2020 12:08

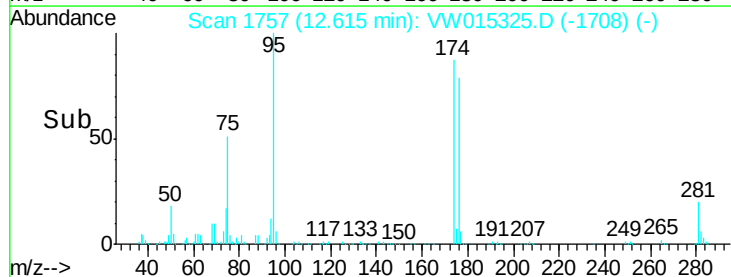
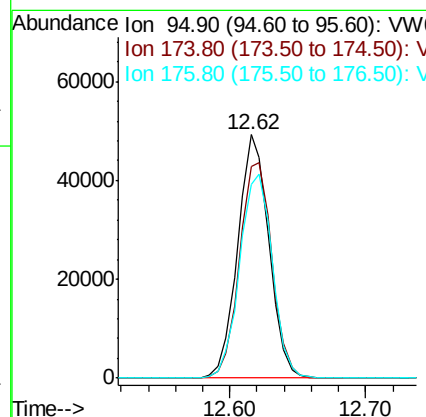
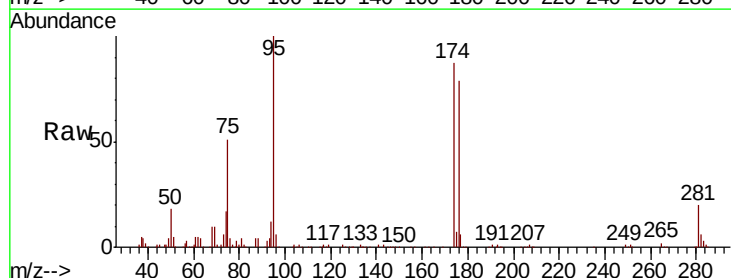
Instrument :
MSVOA_W
ClientSampleId :

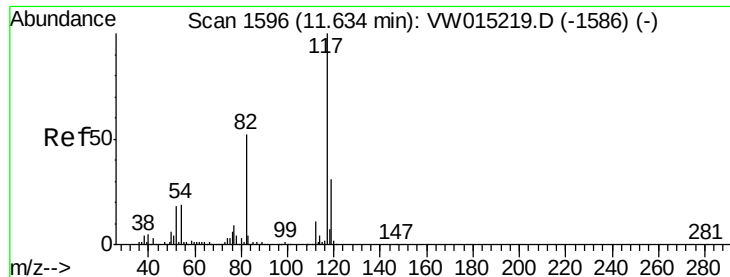
Tot Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 33.7 28.1 84.3



#62
4-Bromofluorobenzene
Concen: 40.153 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015325.D
Acq: 23 Apr 2020 12:08

Tgt Ion: 95 Resp: 78525
Ion Ratio Lower Upper
95 100
174 91.9 0.0 144.4
176 88.0 0.0 140.6

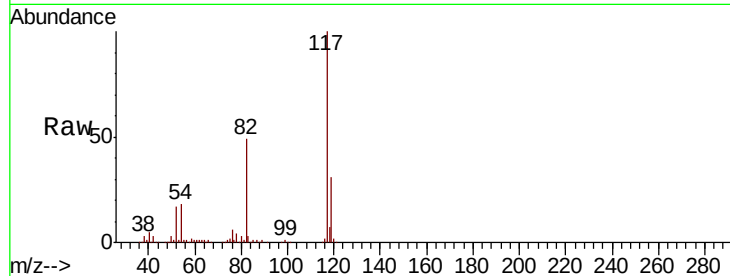




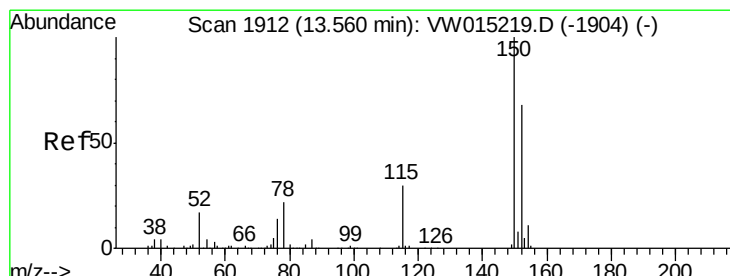
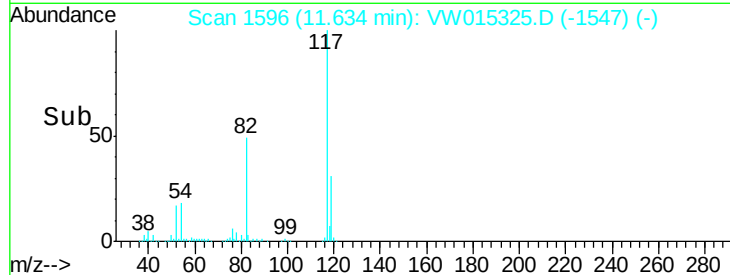
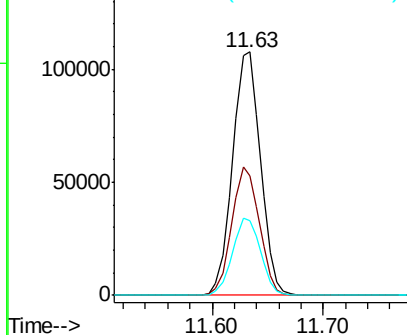
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015325.D
Acq: 23 Apr 2020 12:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 187281
Ion Ratio Lower Upper
117 100
82 48.9 44.1 66.1
119 30.7 24.9 37.3

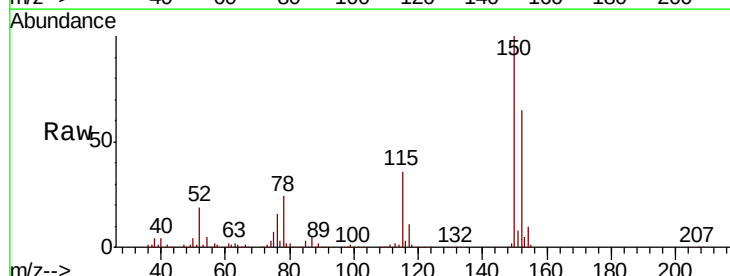


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

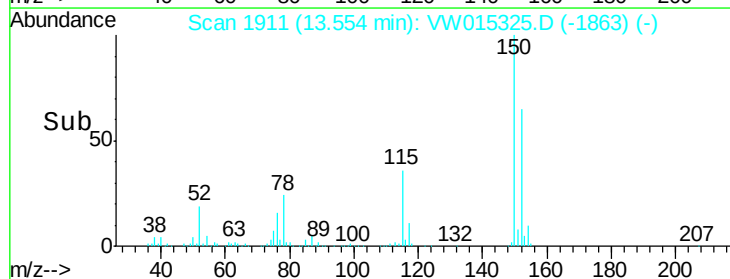
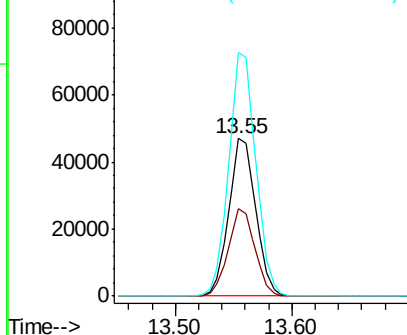


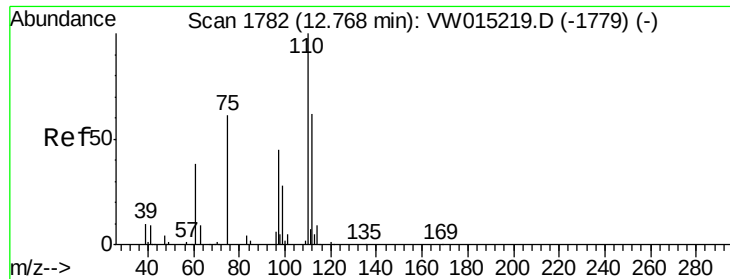
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015325.D
Acq: 23 Apr 2020 12:08

Tgt Ion:152 Resp: 75664
Ion Ratio Lower Upper
152 100
115 54.7 31.3 93.9
150 155.9 0.0 343.4



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

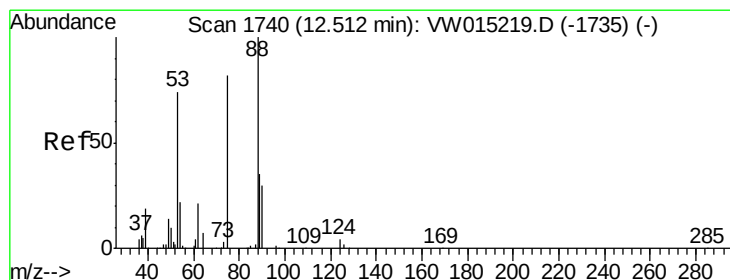
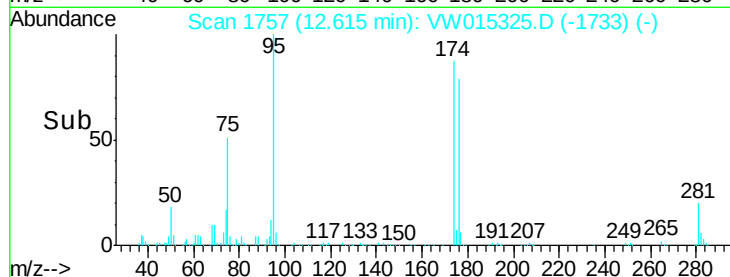
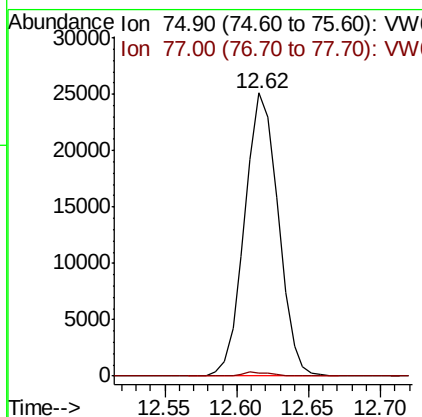
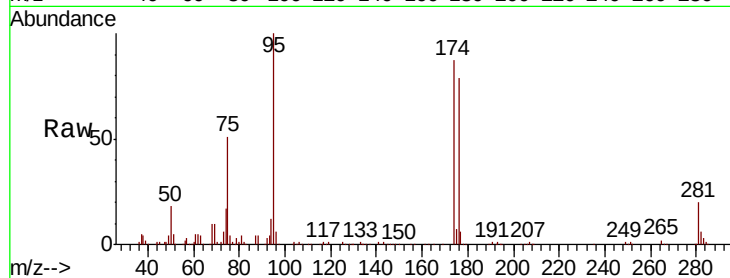




#76
 1,2,3-Trichloropropane
 Concen: 69.317 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW015325.D
 Acq: 23 Apr 2020 12:08

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 40574
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.527 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015325.D
 Acq: 23 Apr 2020 12:08

Tgt Ion: 75 Resp: 40574
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.2#
 89 0.1 34.8 52.2#

