

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015285.D
 Acq On : 22 Apr 2020 01:55
 Operator : SY/VA
 Sample : L2314-13
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:05:43 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

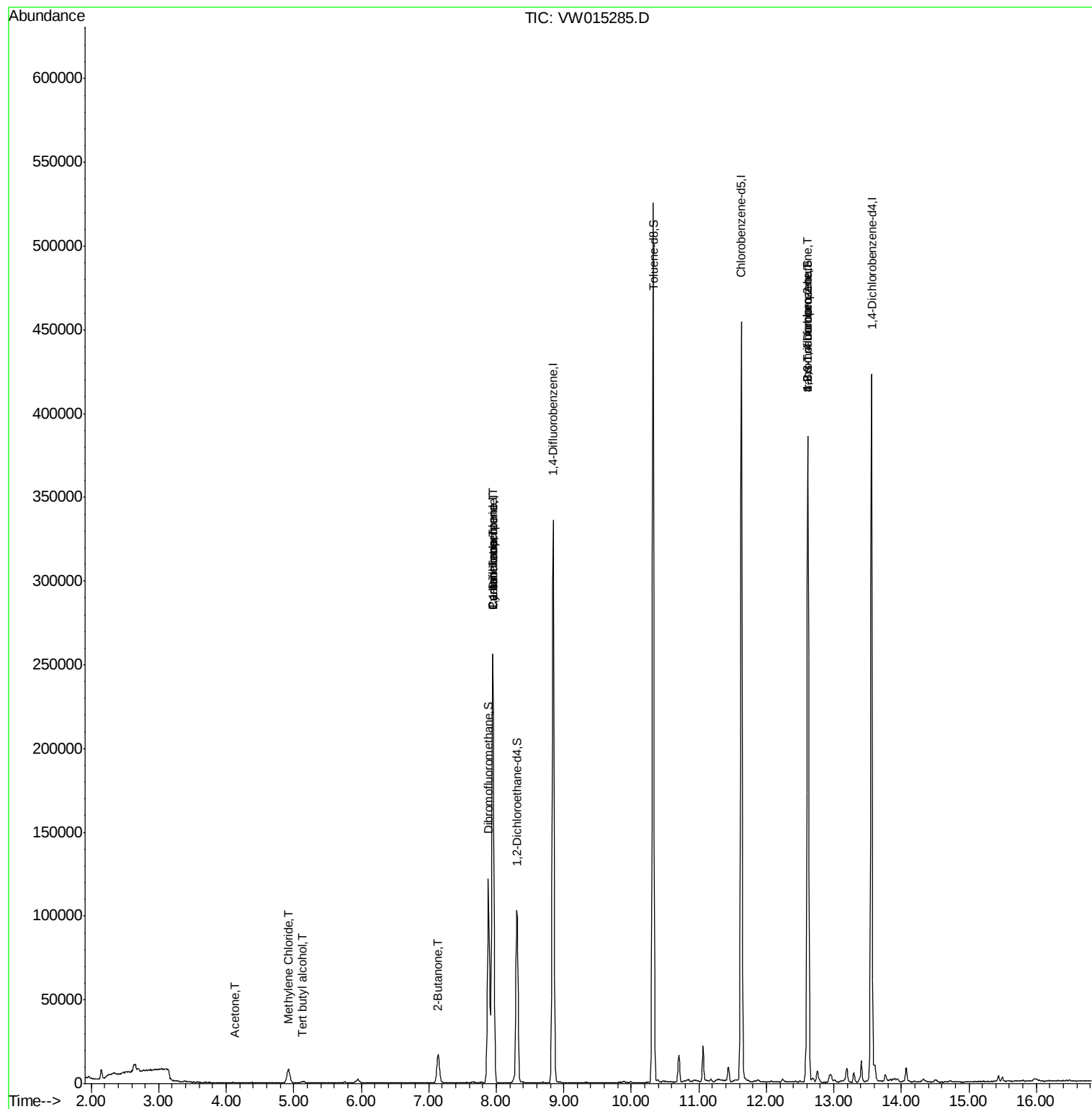
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	82230	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	7.88	113	83997	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.32	98	357032	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.61	95	120072	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.12	59	400	2.753	ug/l #	72
16) Acetone	4.13	43	561	1.802	ug/l #	41
20) Methylene Chloride	4.93	84	6843	3.353	ug/l	94
25) 2-Butanone	7.13	43	1290	3.123	ug/l #	48
31) Cyclohexane	7.95	56	3755	1.139	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	13875	5.182	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18607	6.360	ug/l #	19
76) 1,2,3-Trichloropropane	12.61	75	59173	63.395	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	59173	138.583	ug/l #	15

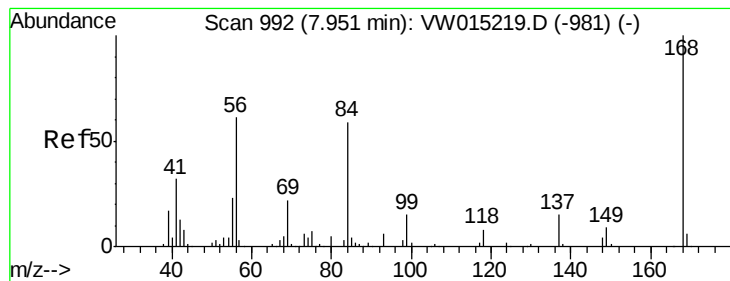
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 21 06:39:58 2020
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: VW015285.D

Acq: 22 Apr 2020 01:55

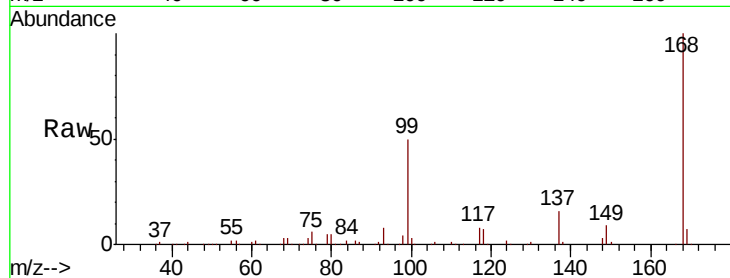
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 217993

Ion Ratio Lower Upper

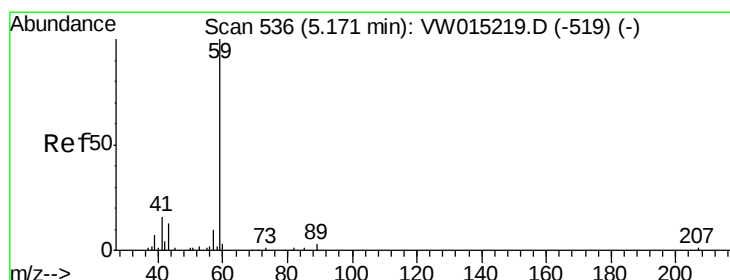
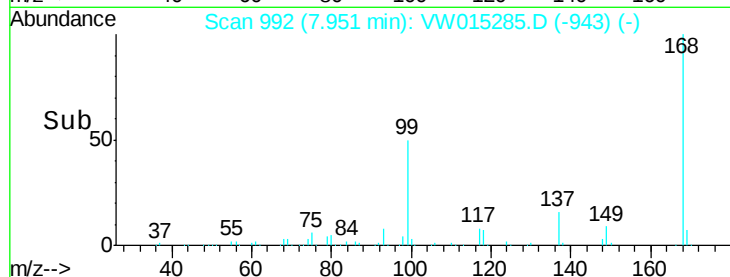
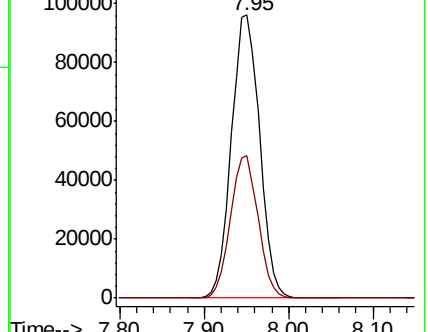
168 100

99 50.3 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: 2.753 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW015285.D

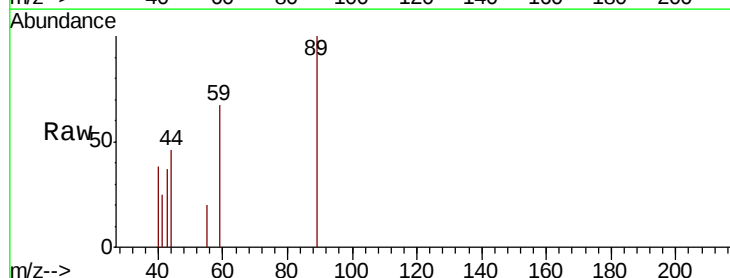
Acq: 22 Apr 2020 01:55

Tgt Ion: 59 Resp: 400

Ion Ratio Lower Upper

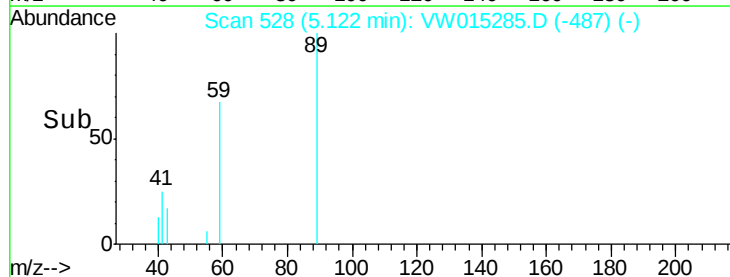
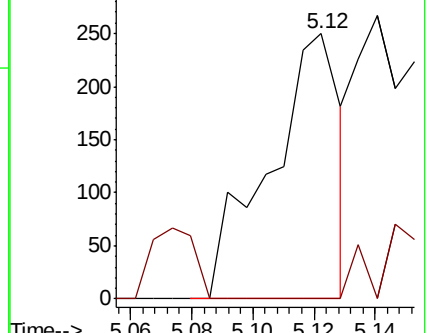
59 100

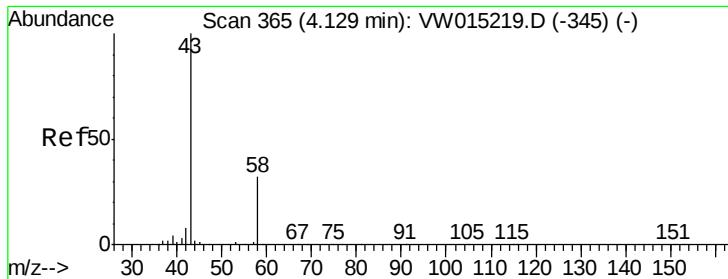
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 1.802 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

Instrument :

MSVOA_W

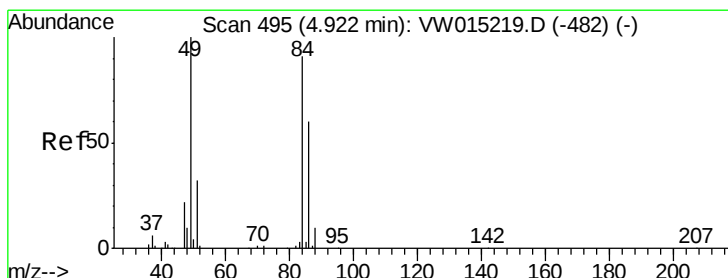
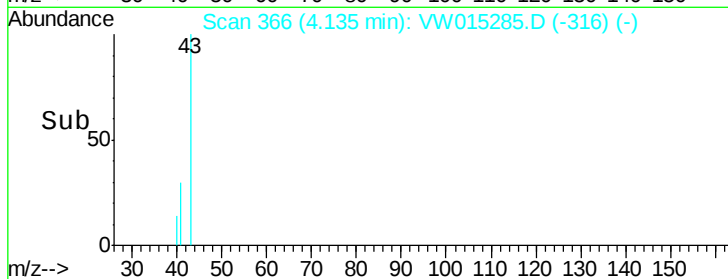
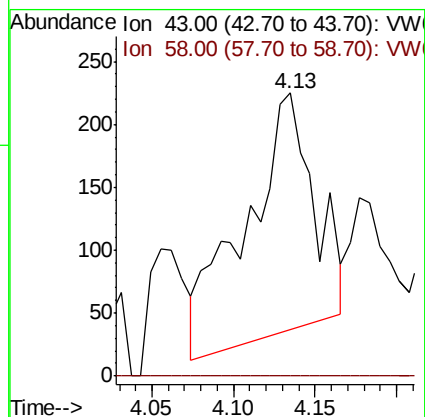
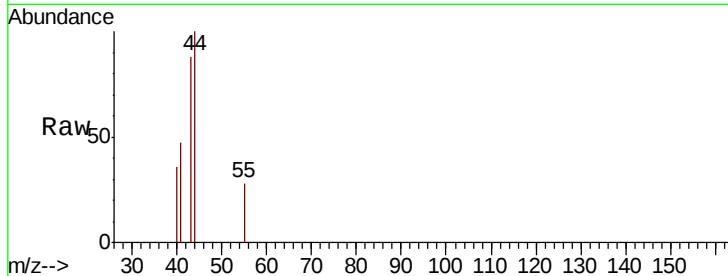
ClientSampled :

Tot Ion: 43 Resp: 561

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#



#20

Methylene Chloride

Concen: 3.353 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

Tgt Ion: 84 Resp: 6843

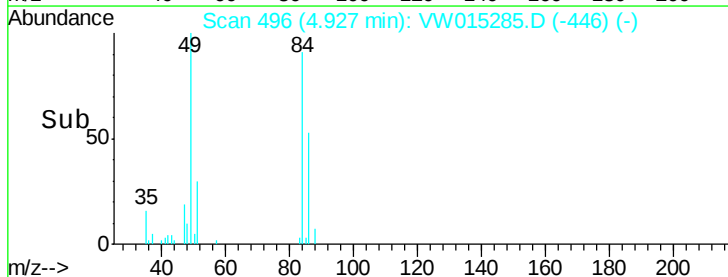
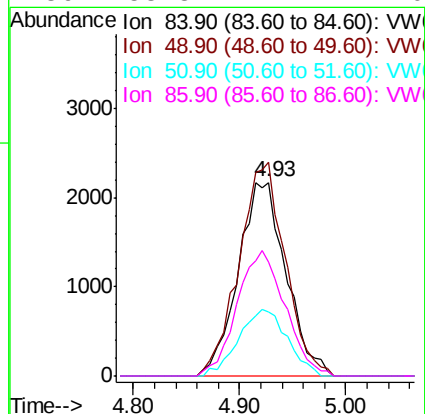
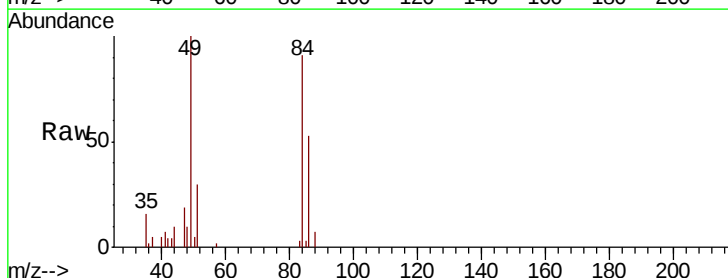
Ion Ratio Lower Upper

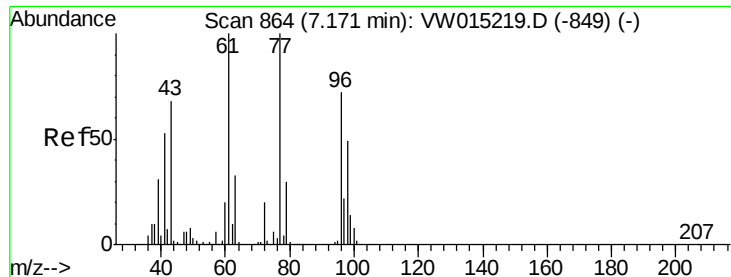
84 100

49 110.3 95.4 143.0

51 33.3 29.8 44.8

86 58.8 47.4 71.0





#25

2-Butanone

Concen: 3.123 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

Instrument :

MSVOA_W

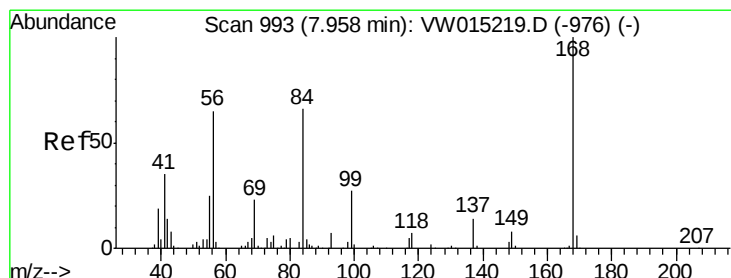
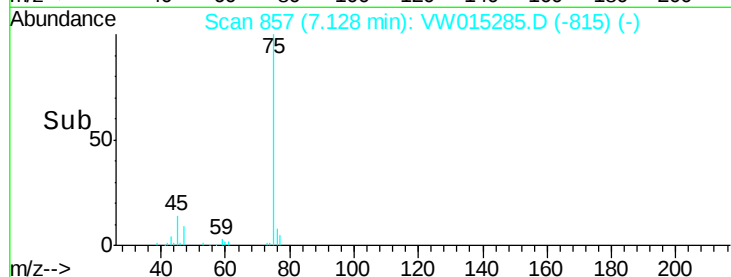
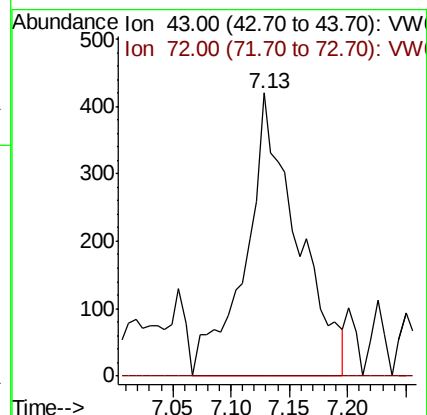
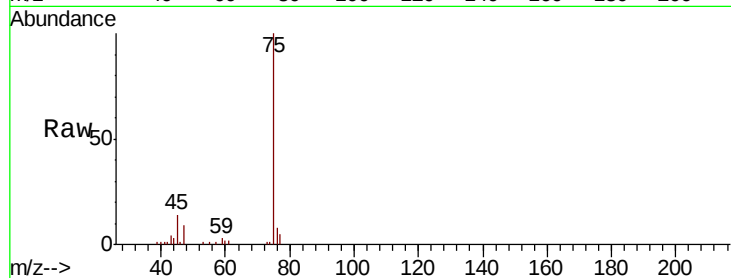
ClientSampled :

Tot Ion: 43 Resp: 1290

Ion Ratio Lower Upper

43 100

72 0.0 21.6 32.4#



#31

Cyclohexane

Concen: 1.139 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

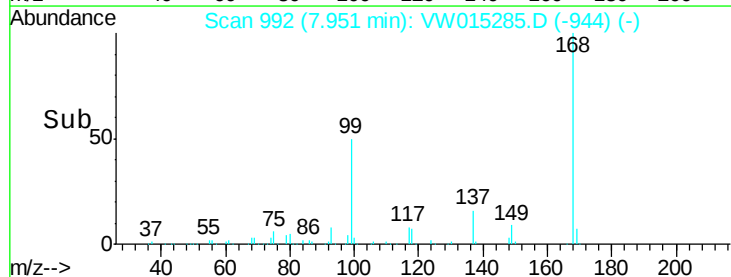
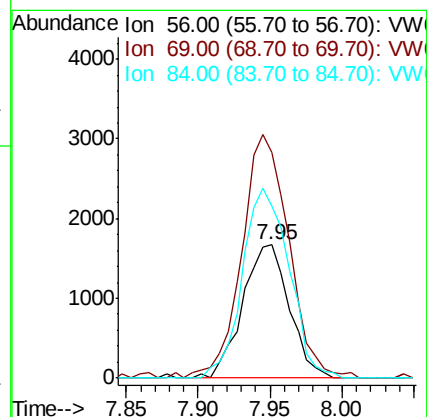
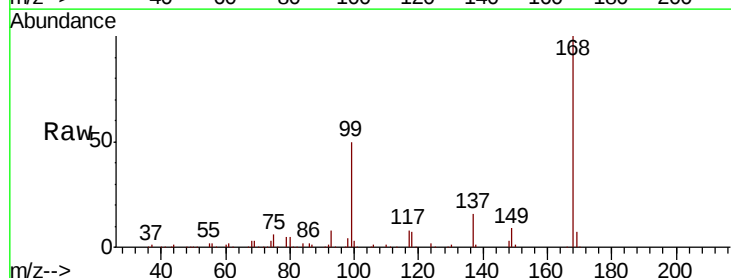
Tgt Ion: 56 Resp: 3755

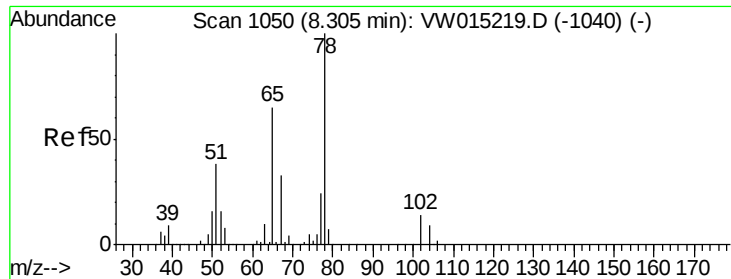
Ion Ratio Lower Upper

56 100

69 166.6 27.1 40.7#

84 129.4 71.9 107.9#

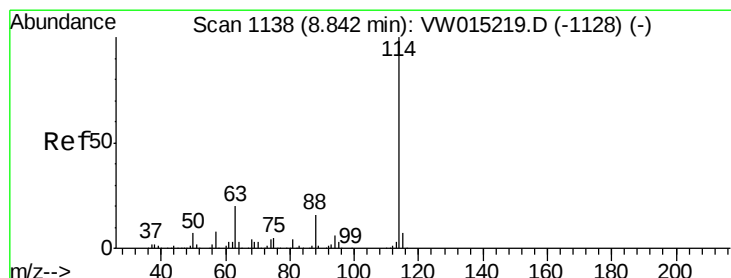
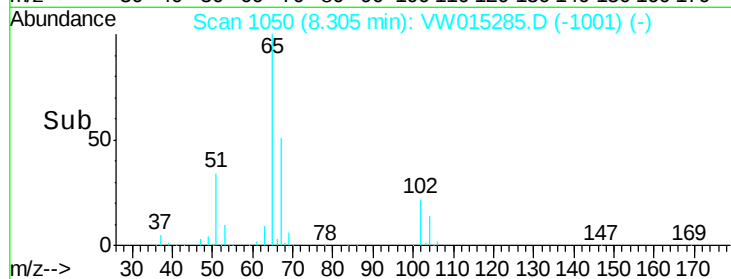
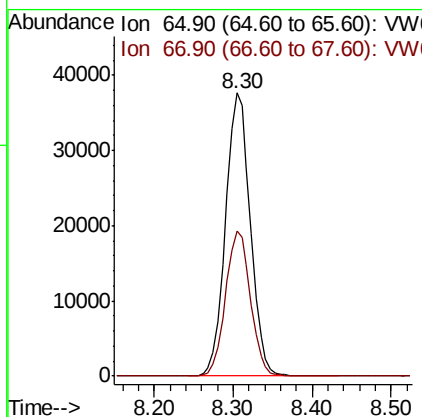
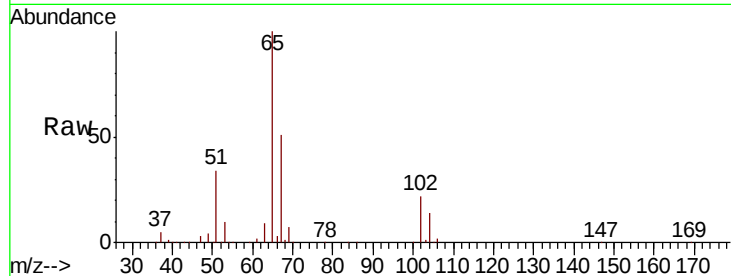




#33
 1,2-Dichloroethane-d4
 Concen: 46.128 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015285.D
 Acq: 22 Apr 2020 01:55

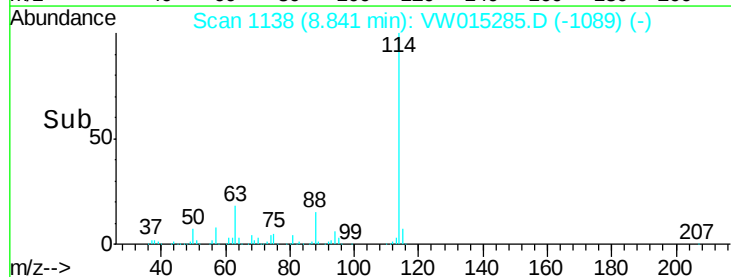
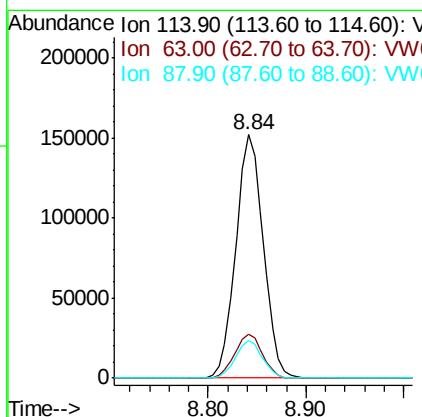
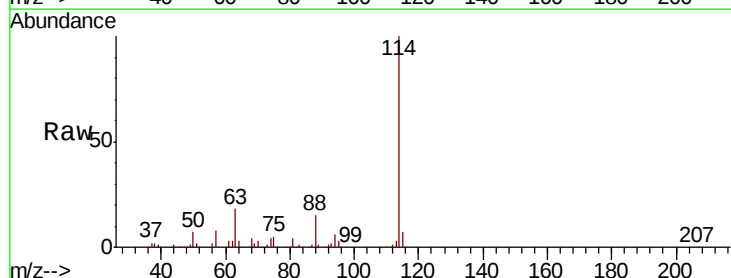
Instrument :
 MSVOA_W
 ClientSampleId :

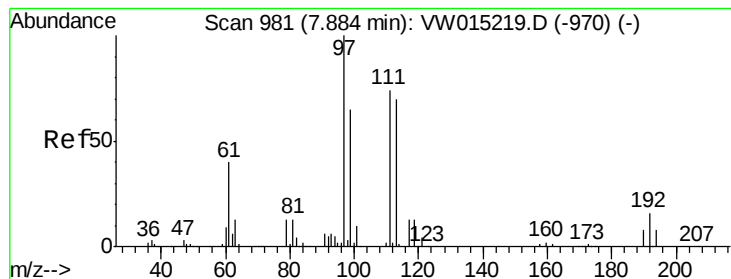
Tot Ion: 65 Resp: 82230
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015285.D
 Acq: 22 Apr 2020 01:55

Tgt Ion: 114 Resp: 296632
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.121 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

Instrument :

MSVOA_W

ClientSampleId :

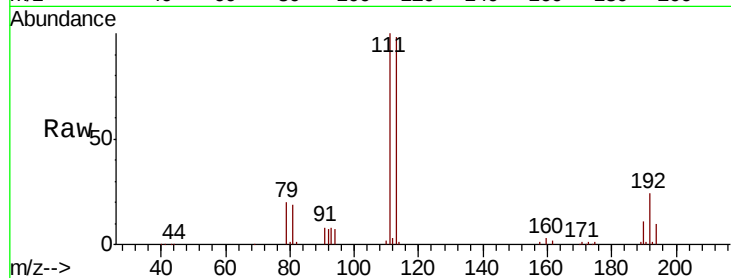
Tot Ion:113 Resp: 83997

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.4

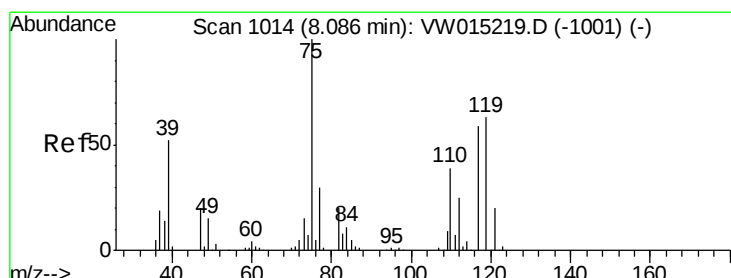
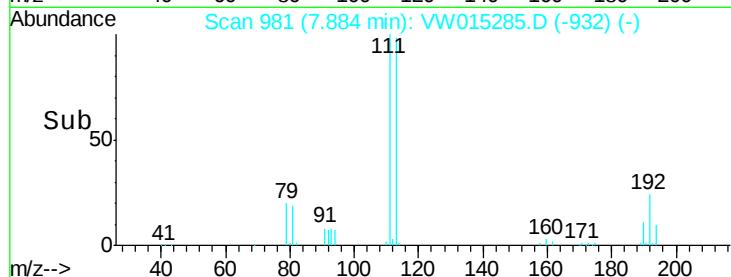
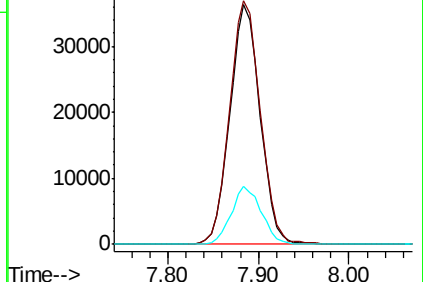
192 24.0 15.1 22.7#



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: 5.182 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

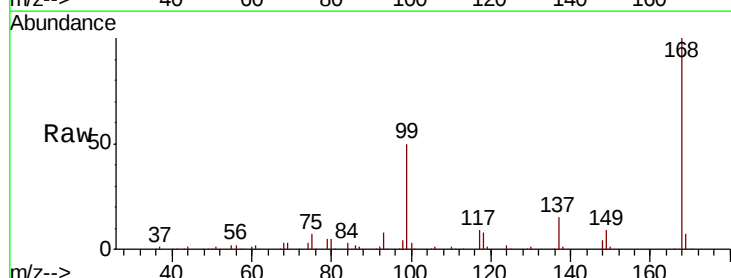
Tgt Ion: 75 Resp: 13875

Ion Ratio Lower Upper

75 100

110 9.5 18.2 54.6#

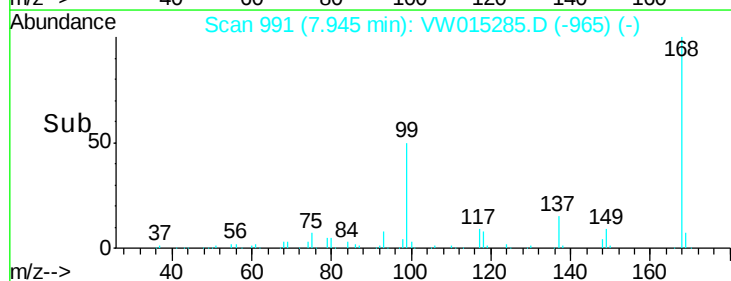
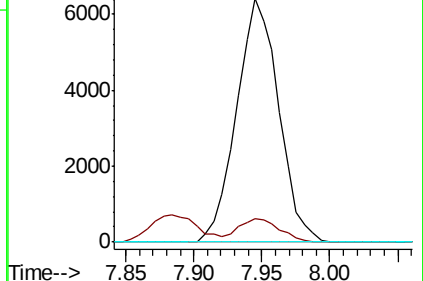
77 0.0 24.5 36.7#

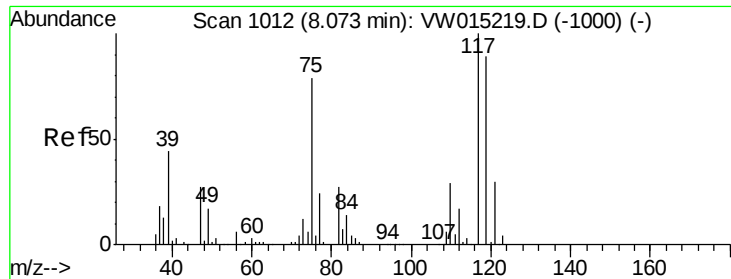


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

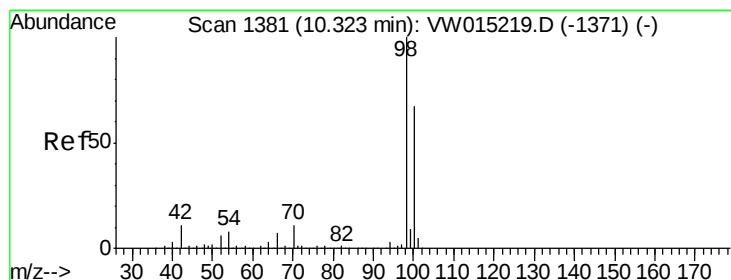
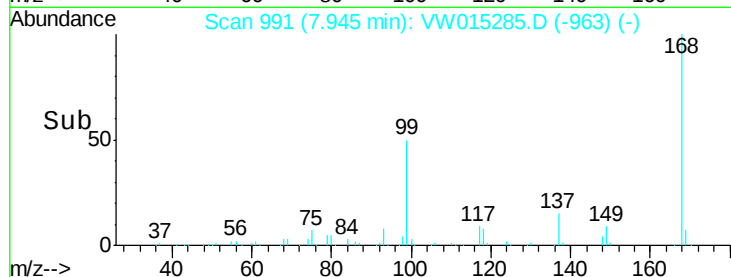
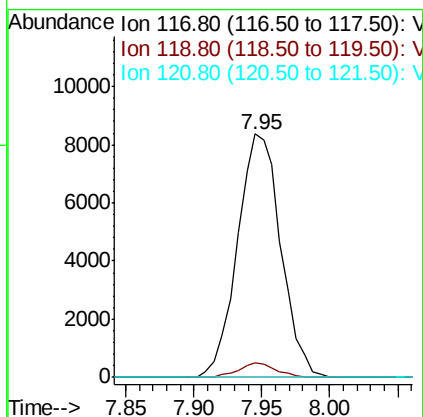
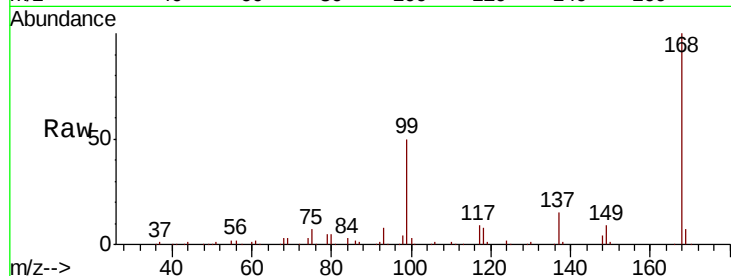




#38
Carbon Tetrachloride
Concen: 6.360 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW015285.D
Acq: 22 Apr 2020 01:55

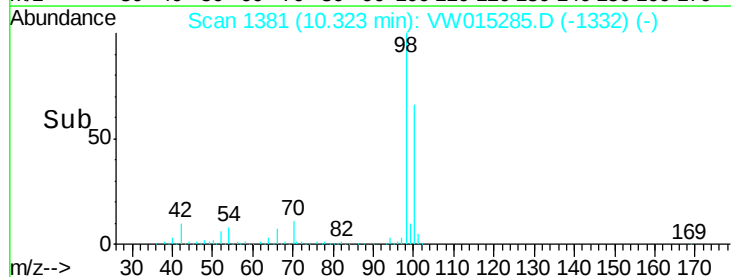
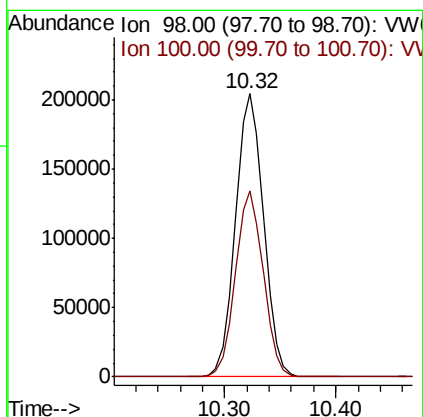
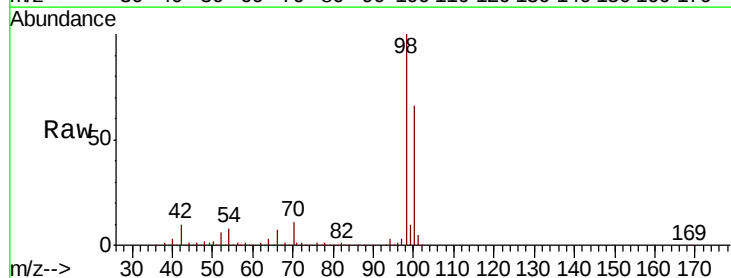
Instrument :
MSVOA_W
ClientSampled :

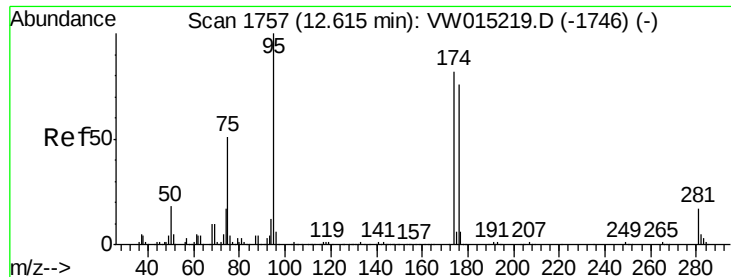
Tot Ion:117 Resp: 18607
Ion Ratio Lower Upper
117 100
119 5.9 72.3 108.5#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.654 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015285.D
Acq: 22 Apr 2020 01:55

Tgt Ion: 98 Resp: 357032
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3

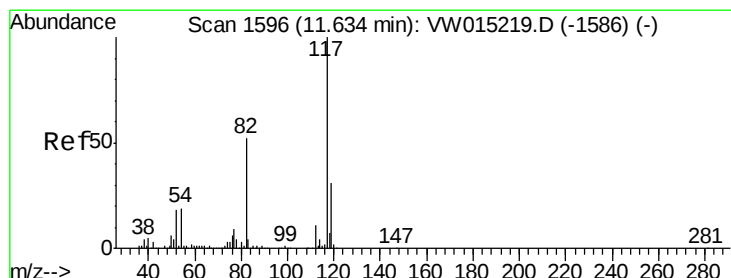
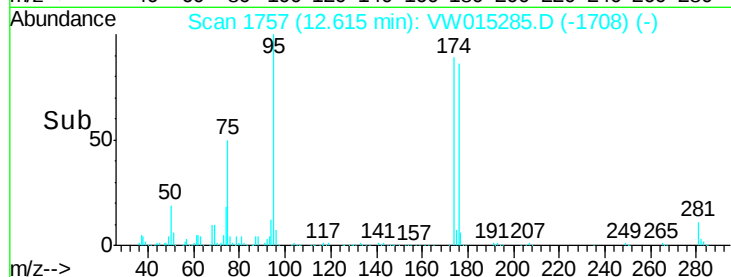
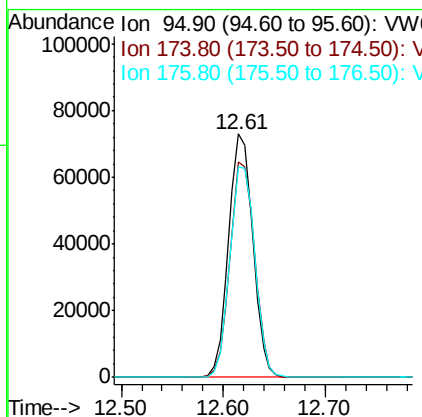
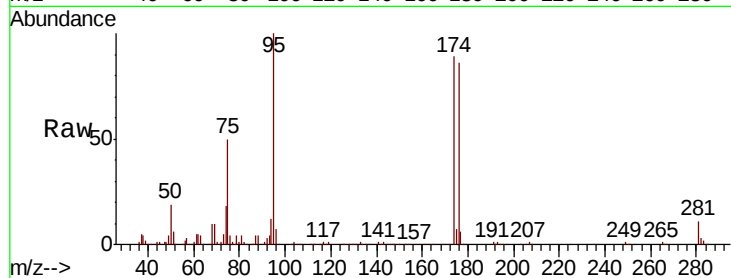




#62
4-Bromofluorobenzene
Concen: 45.529 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015285.D
Acq: 22 Apr 2020 01:55

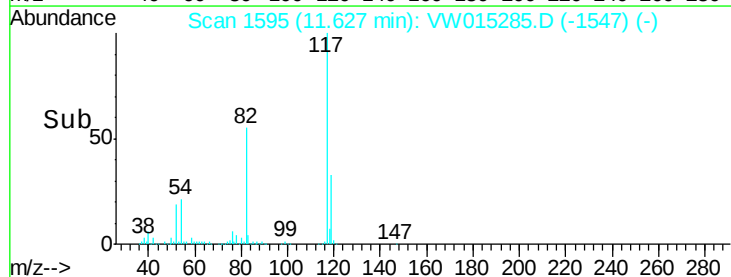
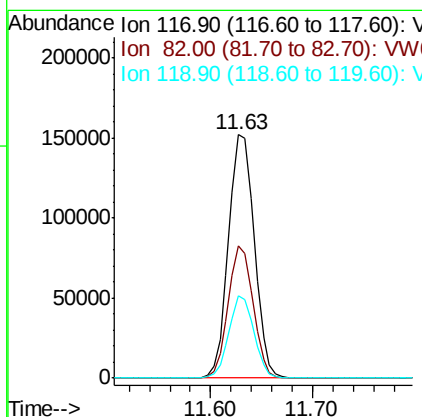
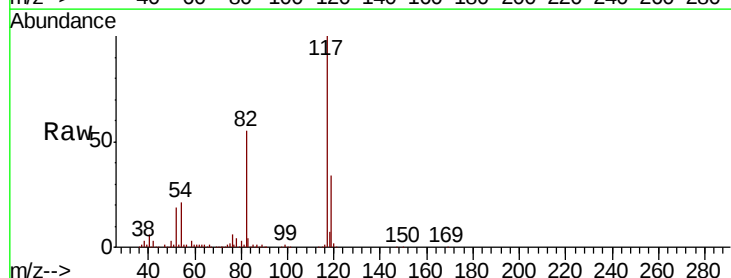
Instrument :
MSVOA_W
ClientSampleId :

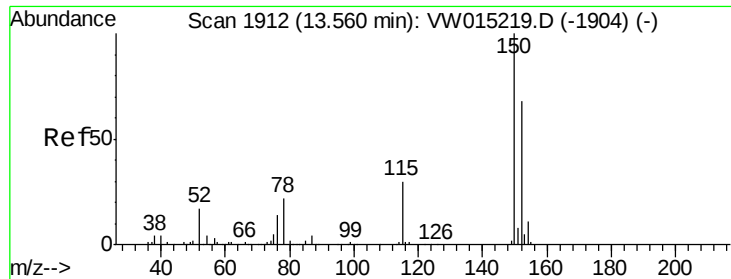
Tot Ion	95	Resp	120072
Ion Ratio	Lower	Upper	
95	100		
174	89.3	0.0	144.4
176	88.7	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015285.D
Acq: 22 Apr 2020 01:55

Tgt Ion	117	Resp	265651
Ion Ratio	Lower	Upper	
117	100		
82	54.5	44.1	66.1
119	33.5	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

Instrument :

MSVOA_W

ClientSampleId :

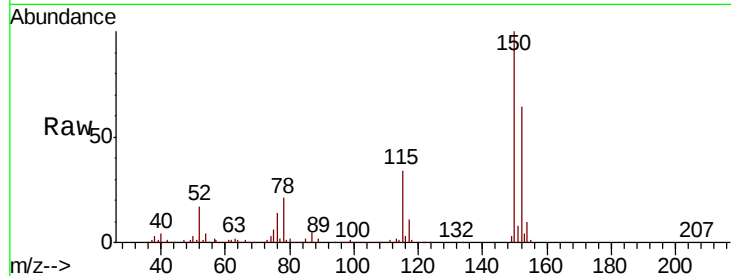
Tot Ion:152 Resp: 120655

Ion Ratio Lower Upper

152 100

115 55.6 31.3 93.9

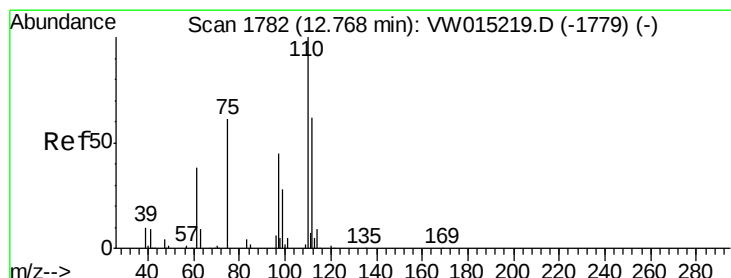
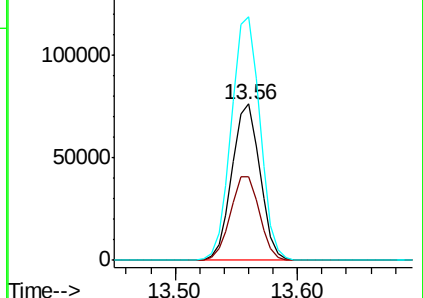
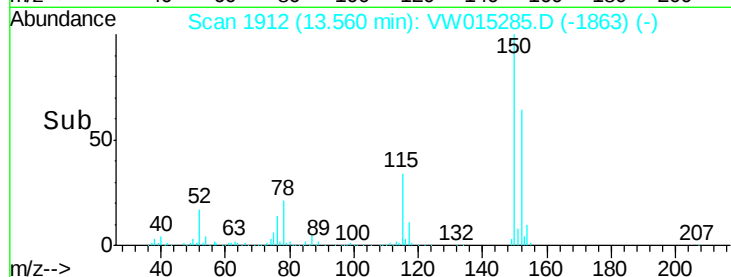
150 158.7 0.0 343.4



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: 63.395 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015285.D

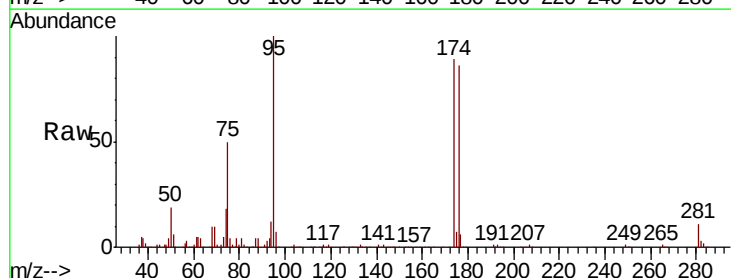
Acq: 22 Apr 2020 01:55

Tgt Ion: 75 Resp: 59173

Ion Ratio Lower Upper

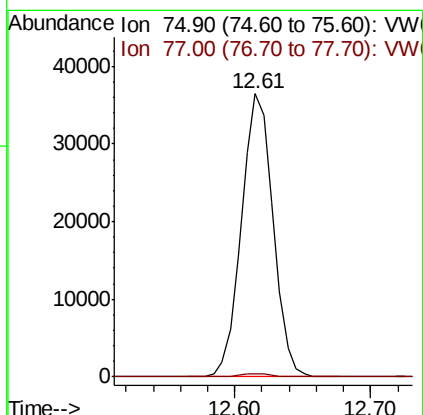
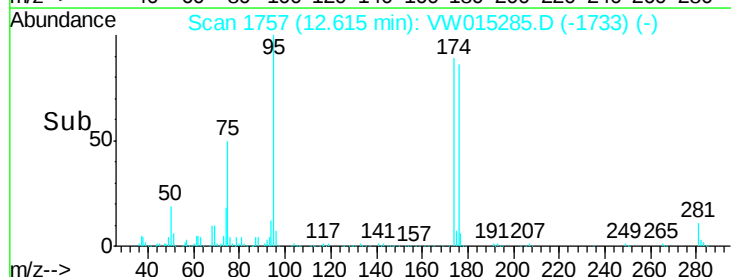
75 100

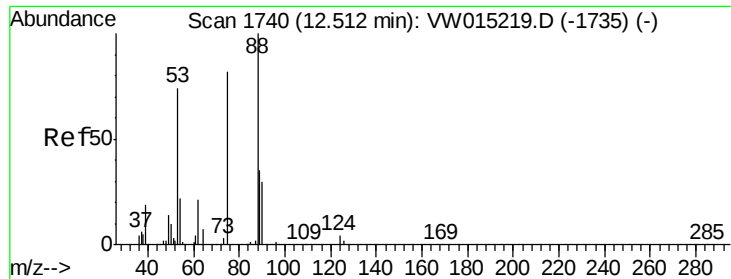
77 1.2 0.0 0.0#



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: 138.583 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

Instrument :

MSVOA_W

ClientSampleId :

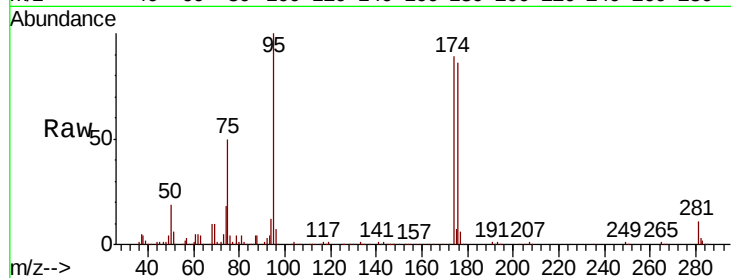
Tot Ion: 75 Resp: 59173

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.2 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

