

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013028.D
 Acq On : 15 Sep 2019 07:53
 Operator : SY/VA
 Sample : K4857-05
 Misc : 5.30G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 07:00:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

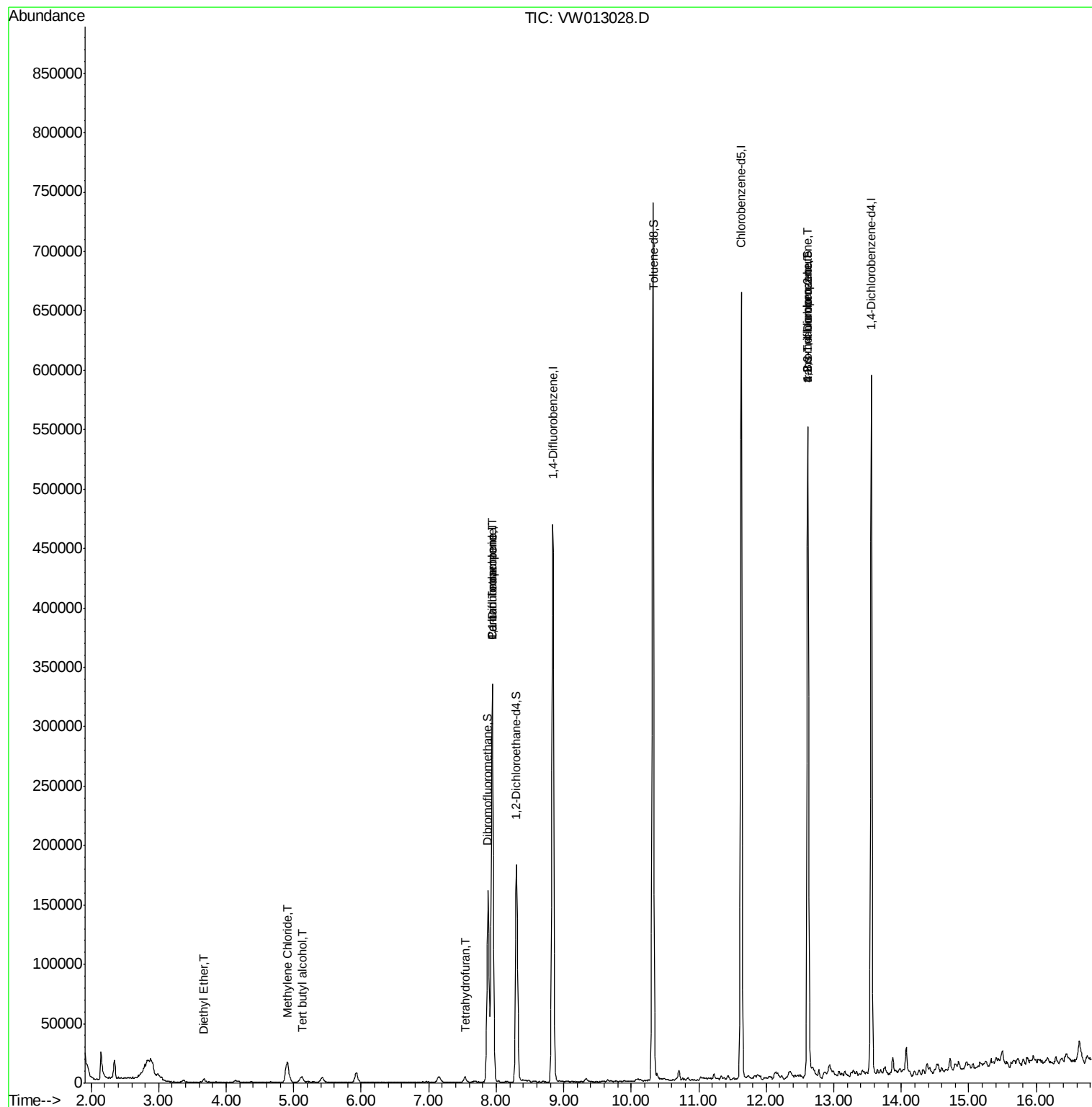
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	152875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	150767	61.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.98%	
35) Dibromofluoromethane	7.88	113	115534	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
50) Toluene-d8	10.32	98	490285	58.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.40%	
62) 4-Bromofluorobenzene	12.62	95	165243	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.20	50	256	Below Cal	#	41
8) Diethyl Ether	3.66	74	1500	1.457	ug/l	77
11) Tert butyl alcohol	5.12	59	4494	6.513	ug/l #	72
13) Acrolein	3.94	56	24	Below Cal	#	1
16) Acetone	4.15	43	3478	Below Cal		99
20) Methylene Chloride	4.90	84	13281	1.755	ug/l #	92
26) 2,2-Dichloropropane	7.15	77	220	Below Cal	#	55
29) Tetrahydrofuran	7.54	42	3665	8.318	ug/l #	91
31) Cyclohexane	7.94	56	5528	Below Cal	#	1
36) 1,1-Dichloropropene	7.94	75	19204	6.109	ug/l #	52
38) Carbon Tetrachloride	7.94	117	25391	7.882	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	84780	63.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84780	143.624	ug/l #	8

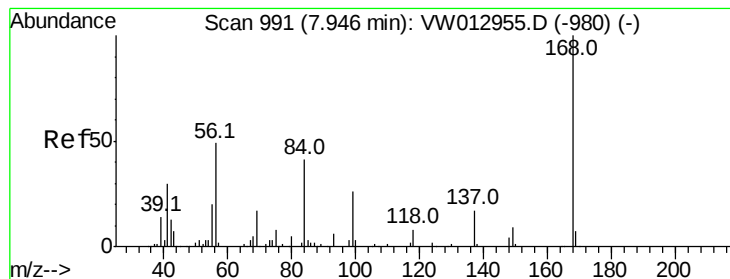
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013028.D
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

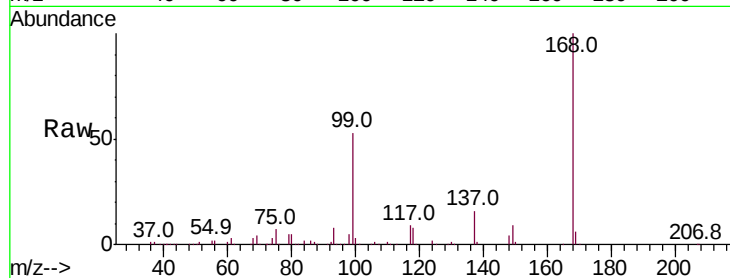
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 263326

Ion Ratio Lower Upper

168 100

99 52.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

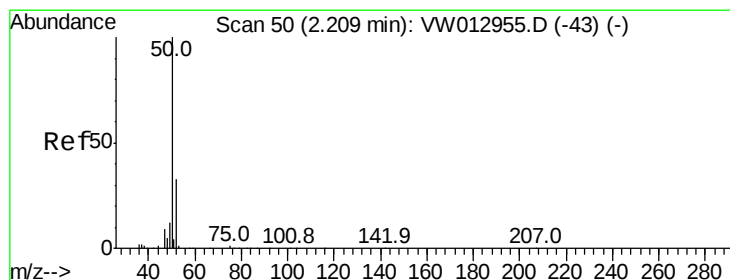
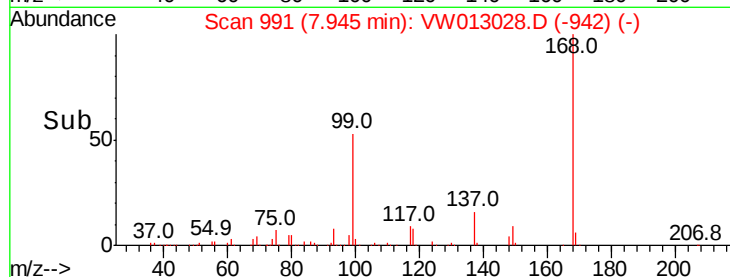
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VW013028.D

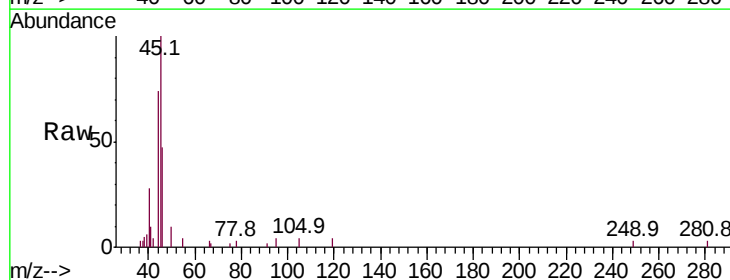
Acq: 15 Sep 2019 07:53

Tgt Ion: 50 Resp: 256

Ion Ratio Lower Upper

50 100

52 0.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

250

200

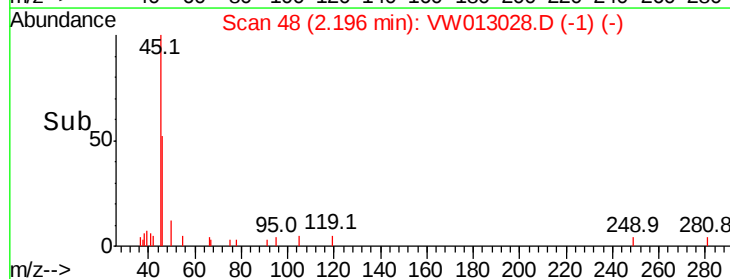
150

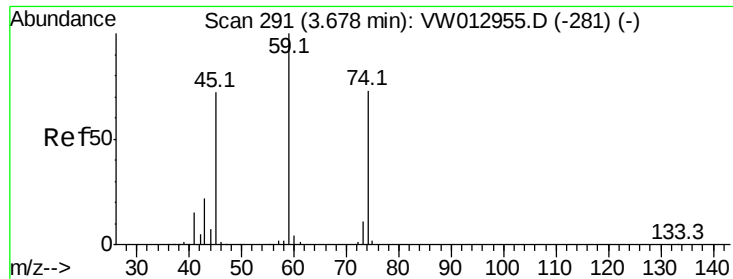
100

50

0

Time--> 2.20 2.25





#8

Diethyl Ether

Concen: 1.457 ug/l

RT: 3.66 min Scan# 288

Delta R.T. -0.02 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

Instrument :

MSVOA_W

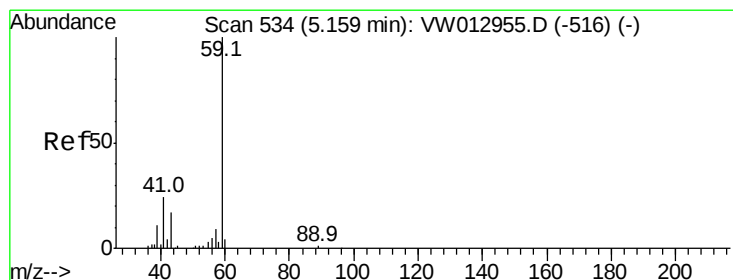
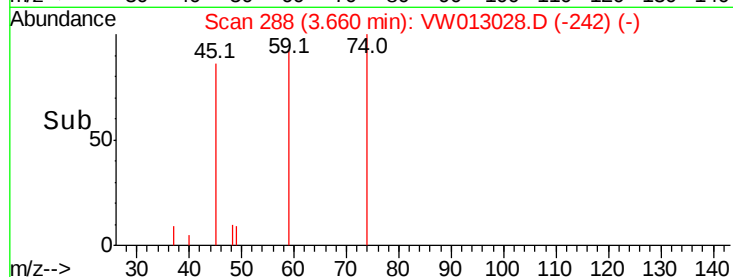
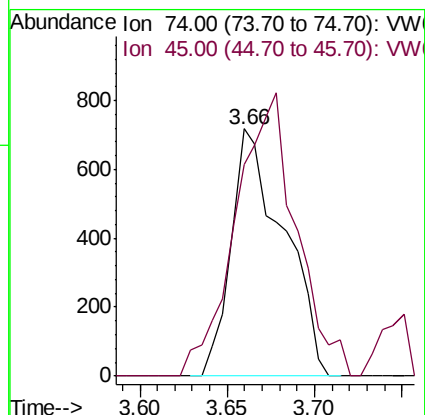
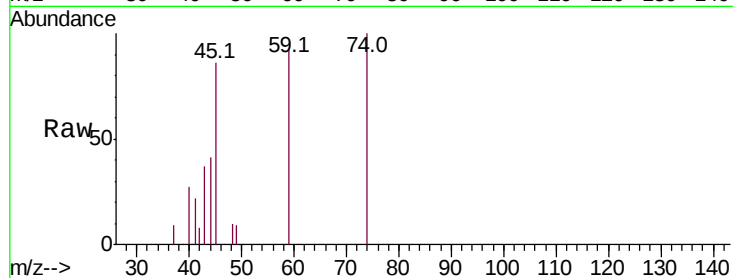
ClientSampleId :

Tot Ion: 74 Resp: 1500

Ion Ratio Lower Upper

74 100

45 132.1 53.8 161.4



#11

Tert butyl alcohol

Concen: 6.513 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW013028.D

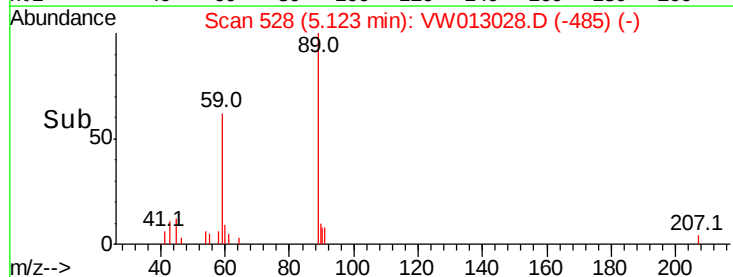
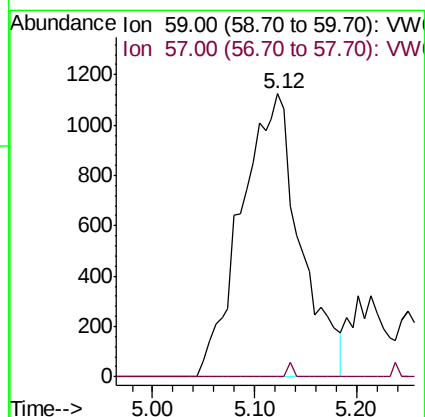
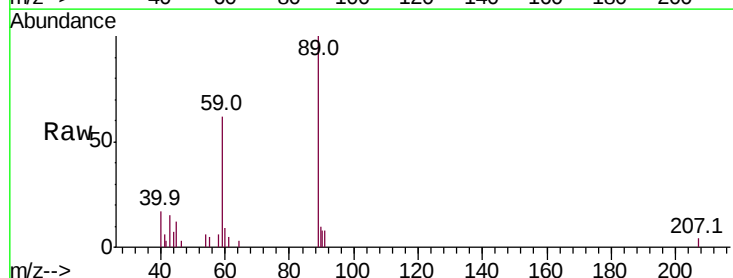
Acq: 15 Sep 2019 07:53

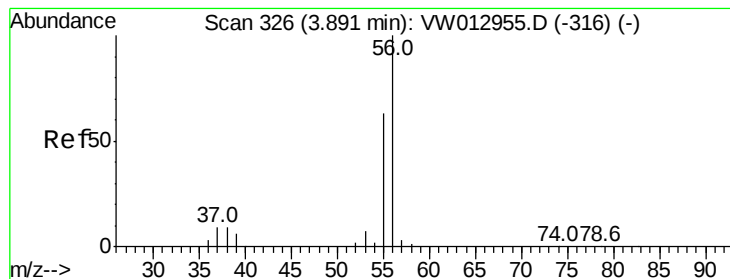
Tgt Ion: 59 Resp: 4494

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: Below Cal

RT: 3.94 min Scan# 334

Delta R.T. 0.05 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

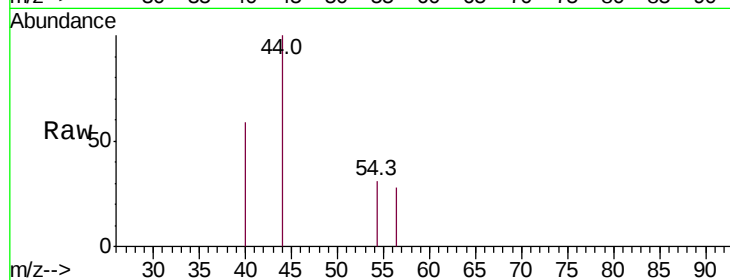
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 24

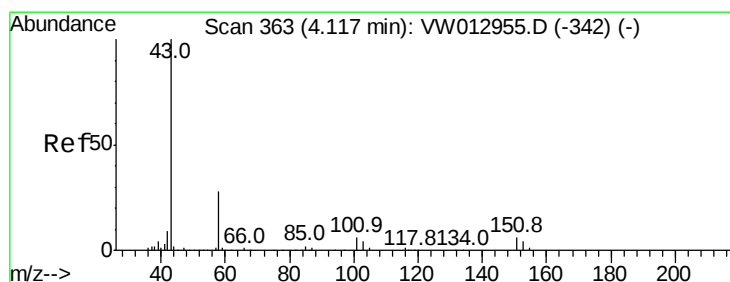
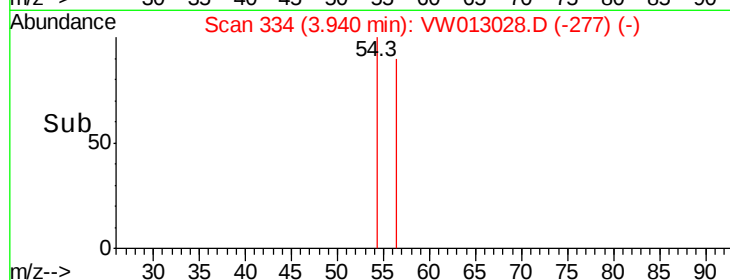
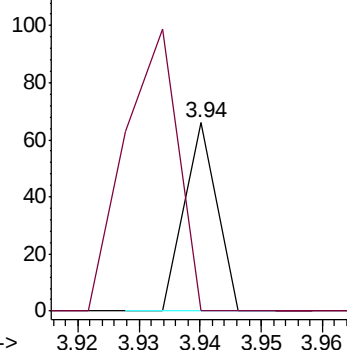
Ion Ratio Lower Upper

56 100

55 245.8 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW013028.D

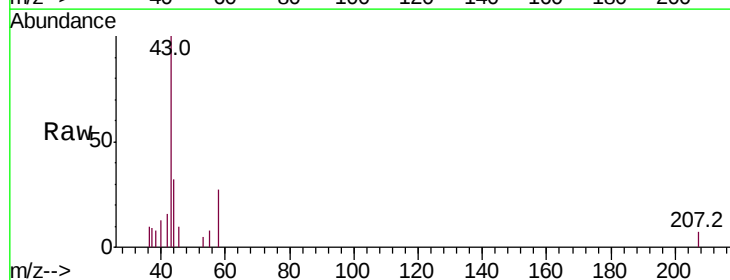
Acq: 15 Sep 2019 07:53

Tgt Ion: 43 Resp: 3478

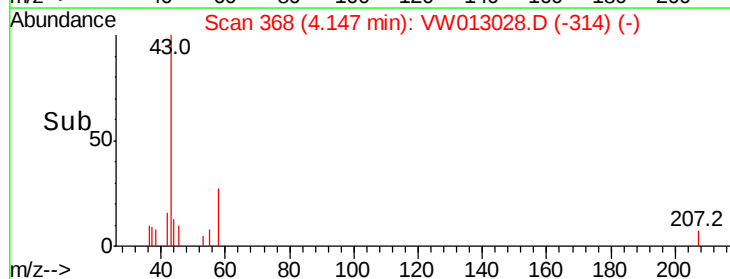
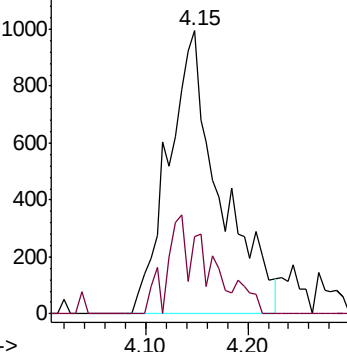
Ion Ratio Lower Upper

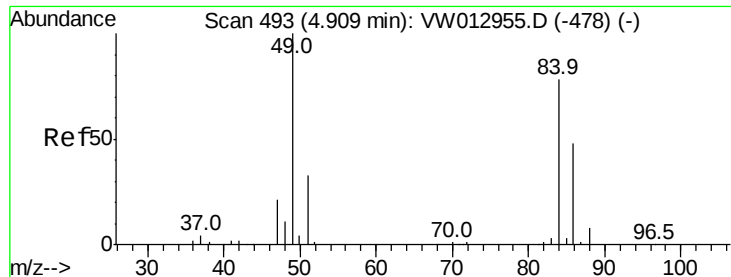
43 100

58 27.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

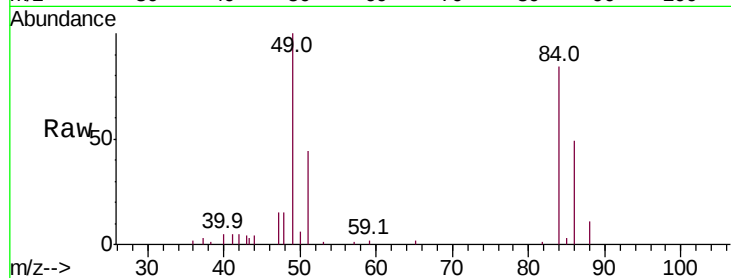




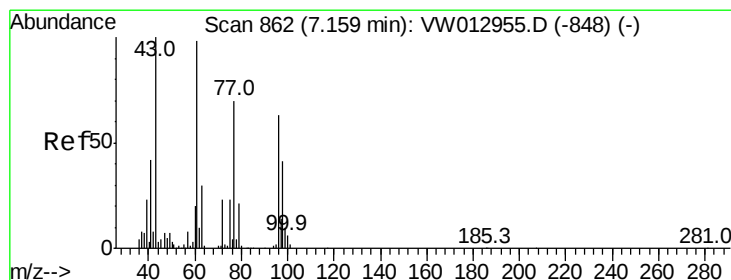
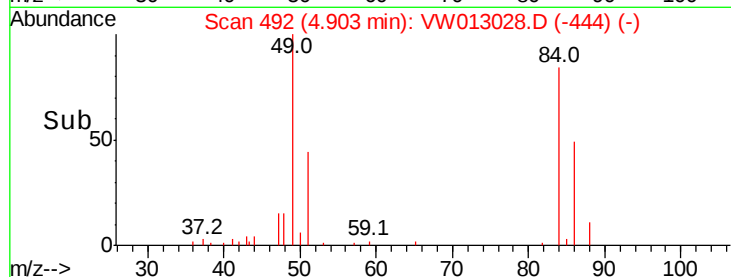
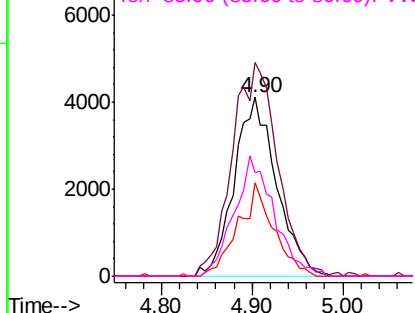
#20
Methvlene Chloride
Concen: 1.755 ua/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 13281
Ion Ratio Lower Upper
84 100
49 119.5 102.0 153.0
51 52.2 34.0 51.0#
86 58.1 48.5 72.7

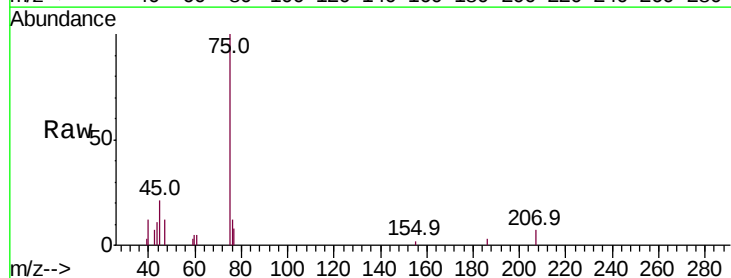


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

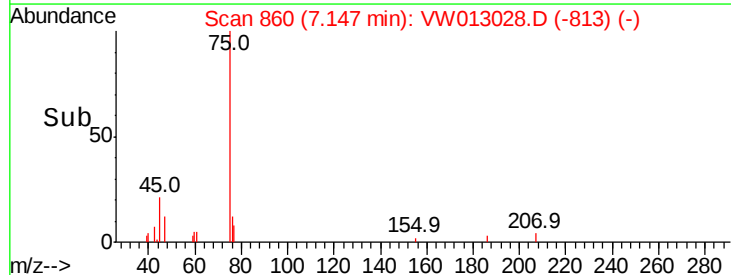
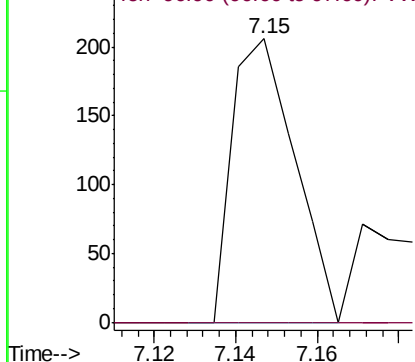


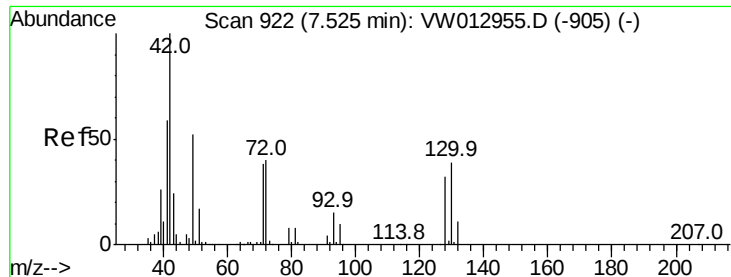
#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

Tgt Ion: 77 Resp: 220
Ion Ratio Lower Upper
77 100
97 0.0 10.7 32.1#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW

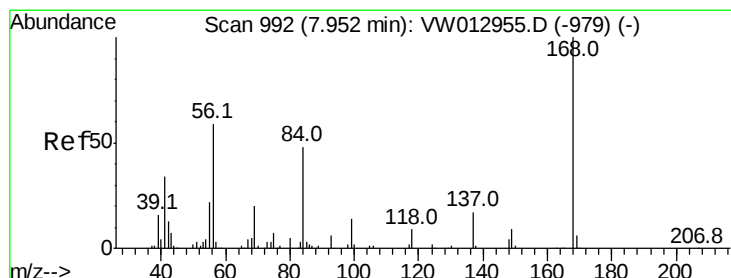
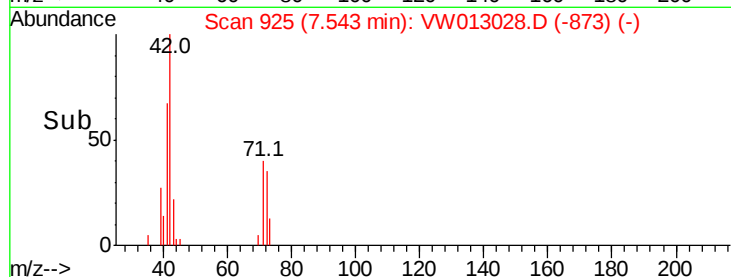
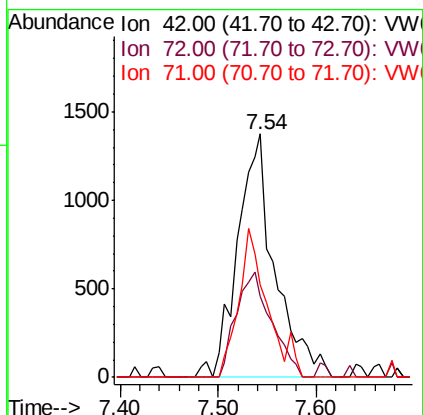
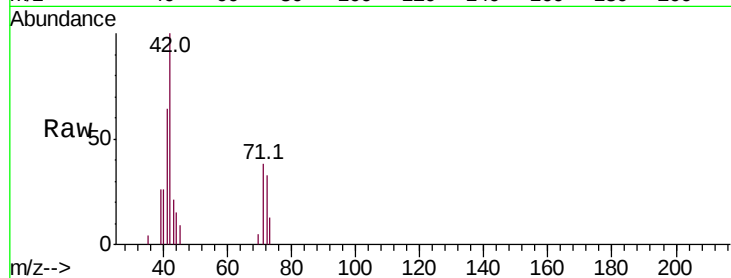




#29
Tetrahydrofuran
Concen: 8.318 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

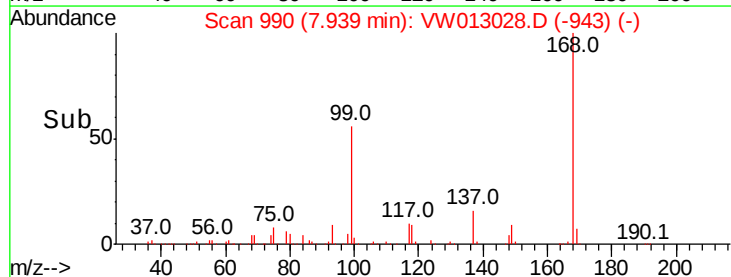
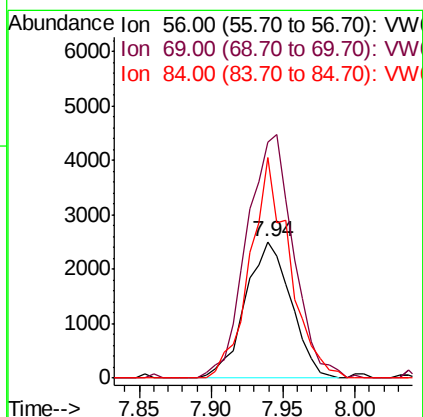
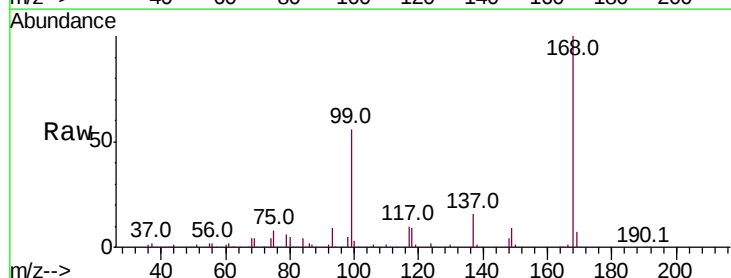
Instrument :
MSVOA_W
ClientSampled :

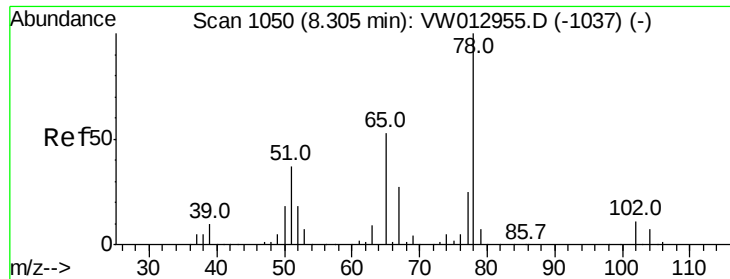
Tot Ion: 42 Resp: 3665
Ion Ratio Lower Upper
42 100
72 40.7 31.4 47.0
71 46.8 29.8 44.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

Tgt Ion: 56 Resp: 5528
Ion Ratio Lower Upper
56 100
69 173.4 27.0 40.6#
84 162.0 66.2 99.2#

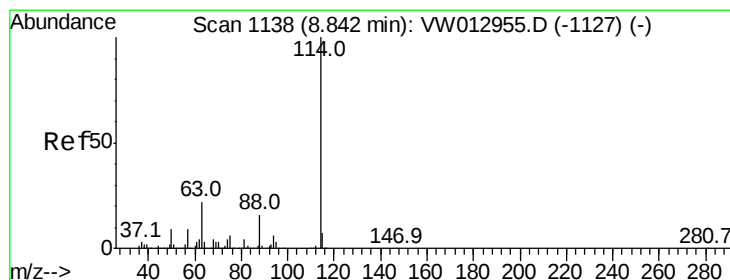
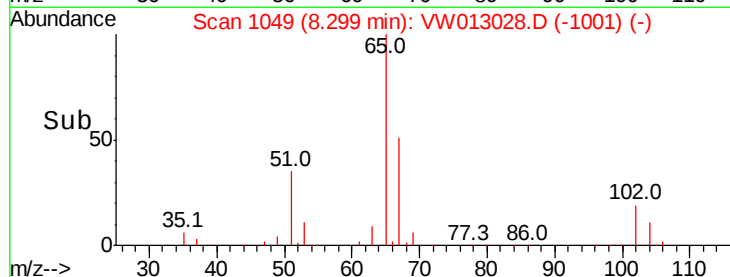
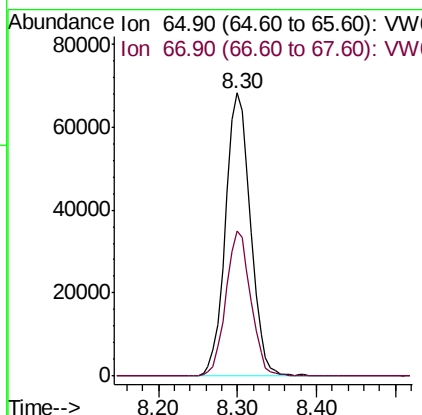
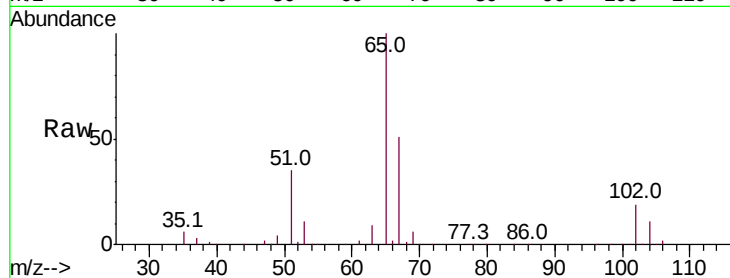




#33
 1,2-Dichloroethane-d4
 Concen: 61.993 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013028.D
 Acq: 15 Sep 2019 07:53

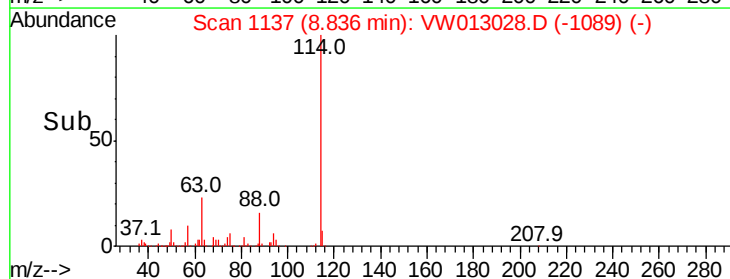
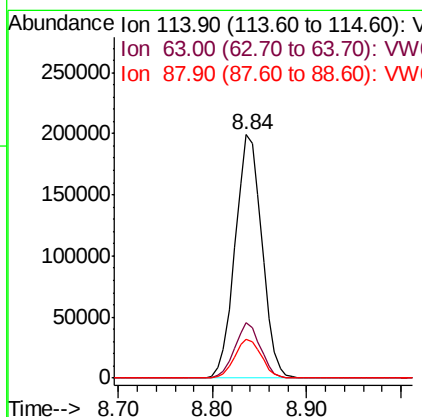
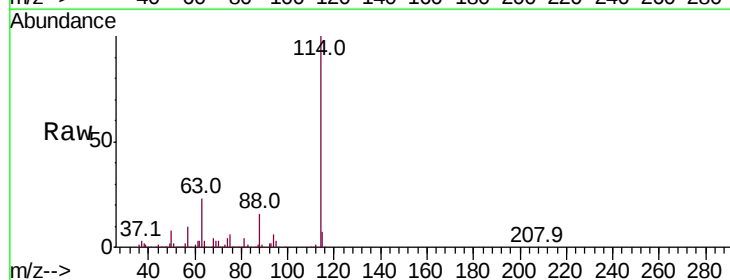
Instrument :
 MSVOA_W
 ClientSampleId :

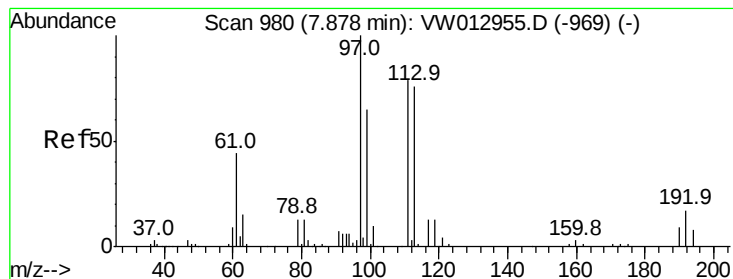
Tot Ion: 65 Resp: 150767
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013028.D
 Acq: 15 Sep 2019 07:53

Tgt Ion: 114 Resp: 393386
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.125 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

Instrument :

MSVOA_W

ClientSampleId :

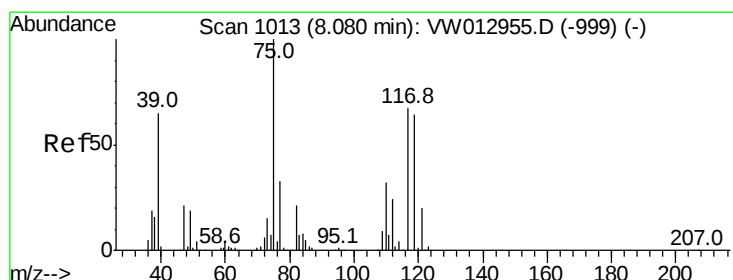
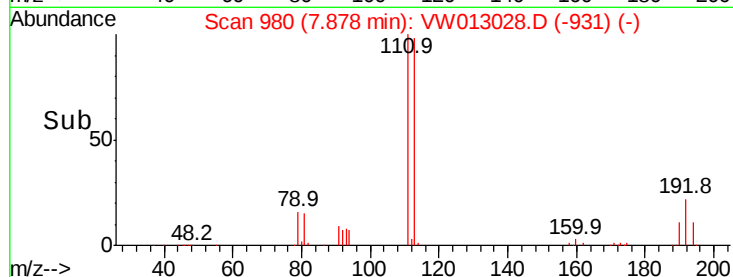
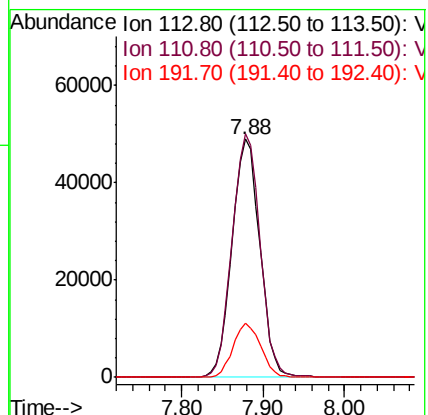
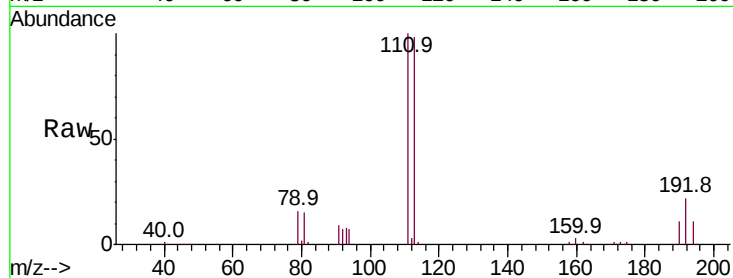
Tot Ion:113 Resp: 115534

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 22.5 17.8 26.8



#36

1,1-Dichloropropene

Concen: 6.109 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

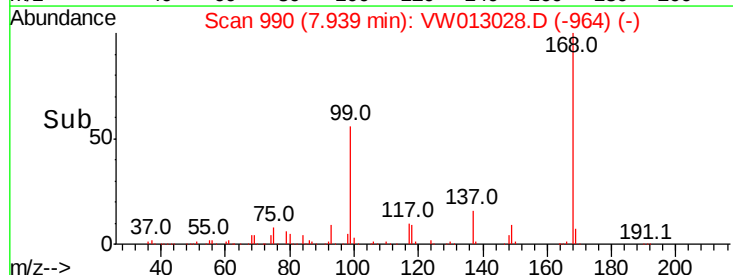
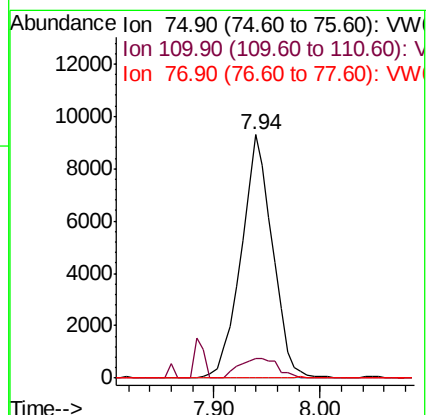
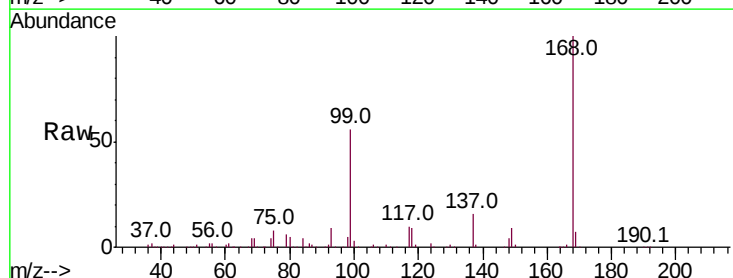
Tgt Ion: 75 Resp: 19204

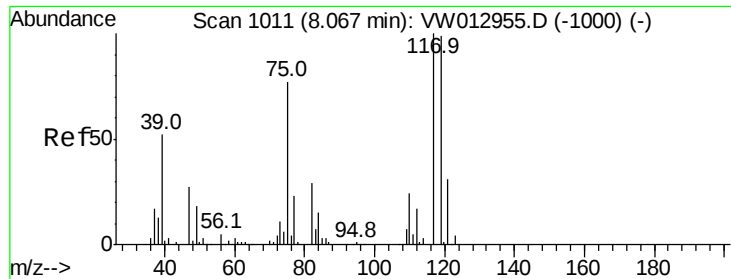
Ion Ratio Lower Upper

75 100

110 10.0 16.4 49.1#

77 0.0 25.1 37.7#

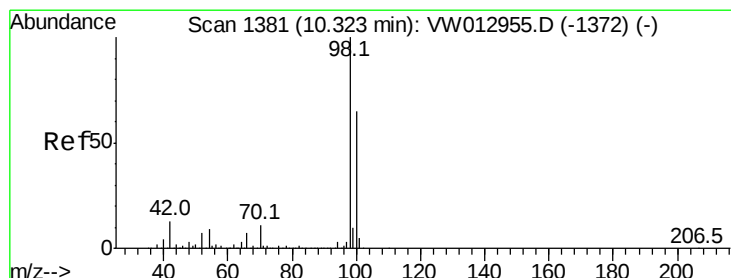
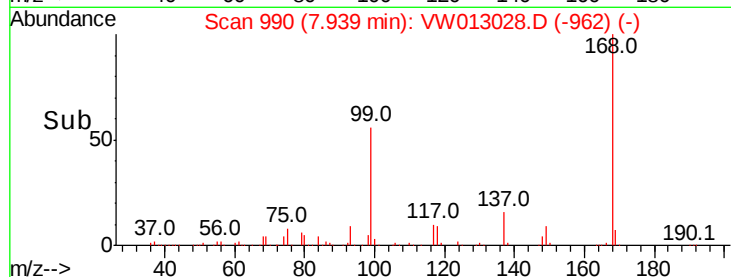
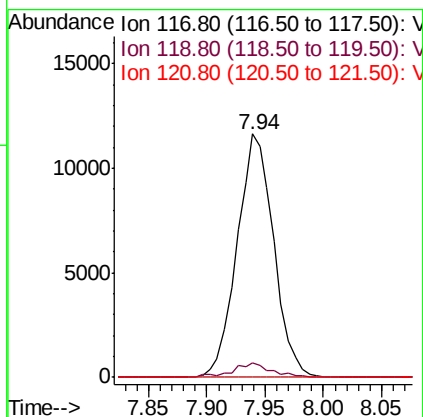
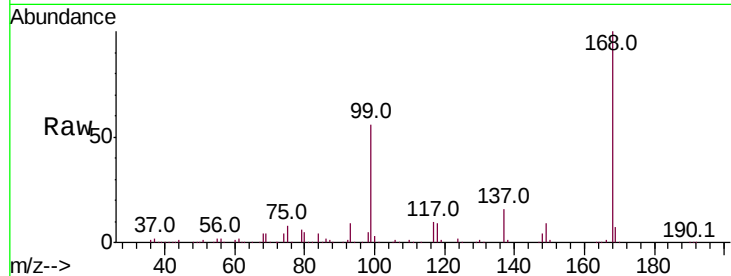




#38
Carbon Tetrachloride
Concen: 7.882 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

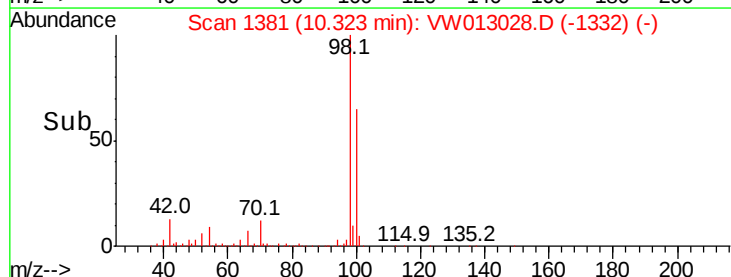
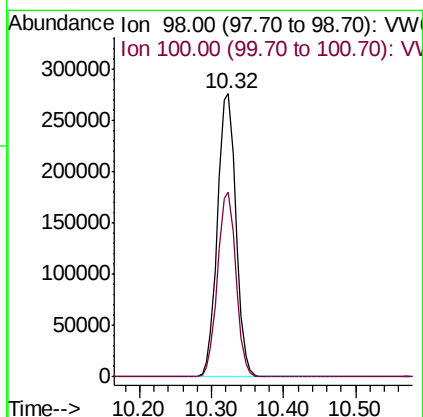
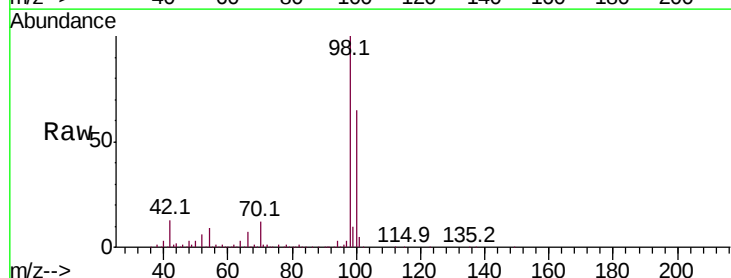
Instrument :
MSVOA_W
ClientSampleId :

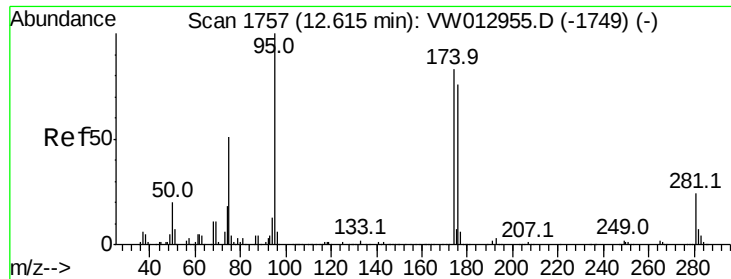
Tot Ion:117 Resp: 25391
Ion Ratio Lower Upper
117 100
119 5.7 79.4 119.0#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 58.697 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

Tgt Ion: 98 Resp: 490285
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

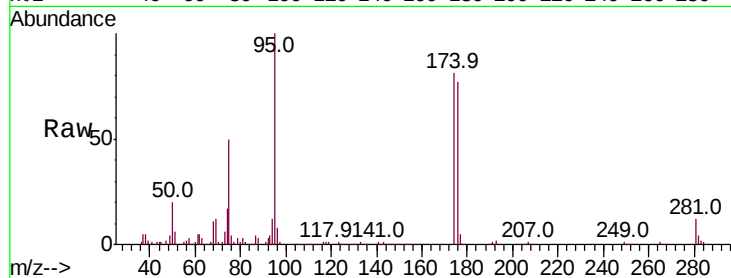




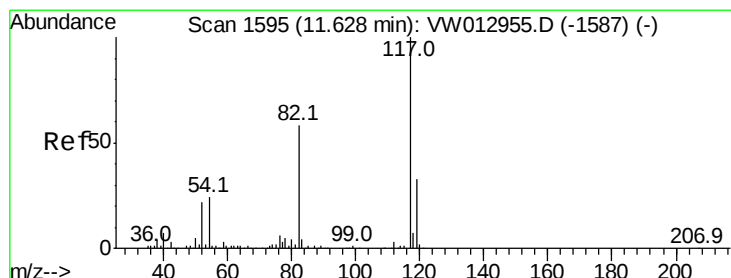
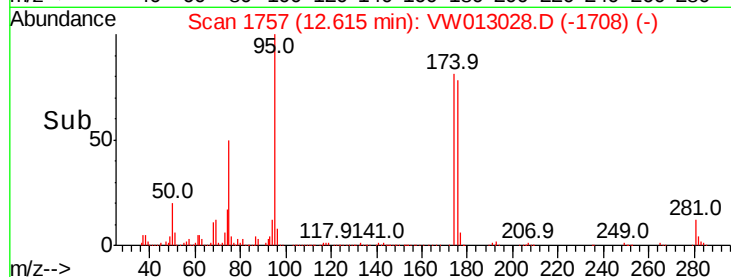
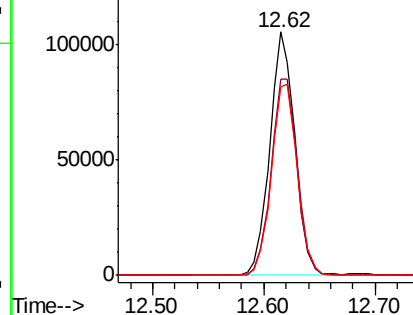
#62
4-Bromofluorobenzene
Concen: 55.017 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	170.4
176	81.1	0.0	164.6

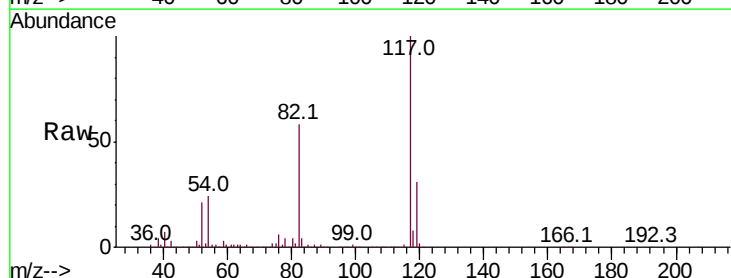


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

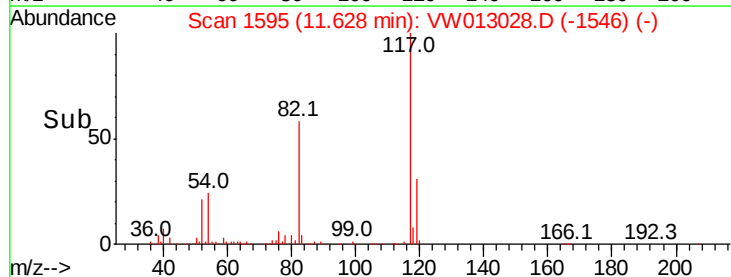
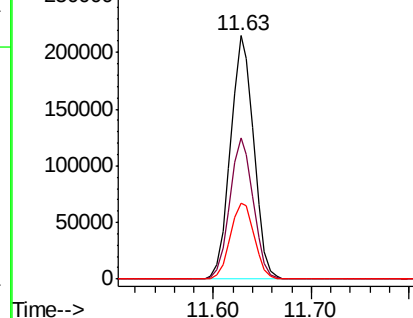


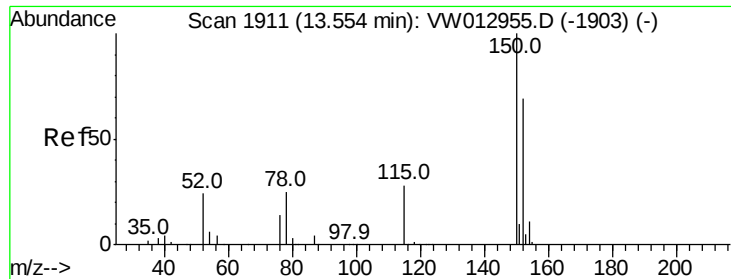
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.3	69.5
119	31.0	26.2	39.4



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



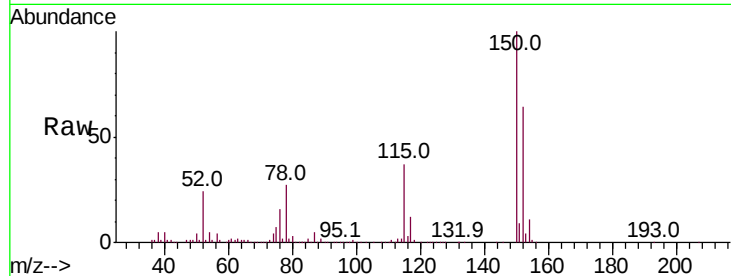


#72

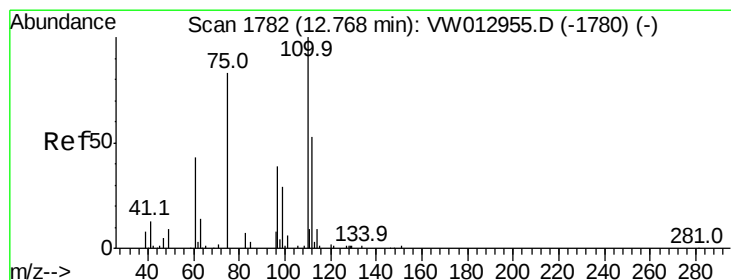
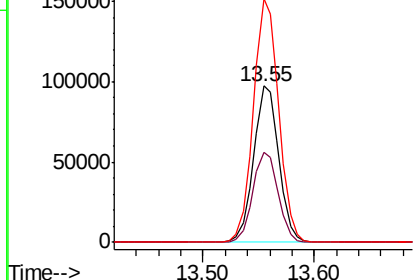
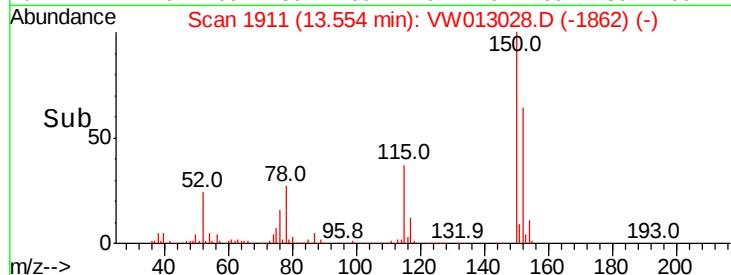
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 152875
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.4
150 156.7 0.0 340.2



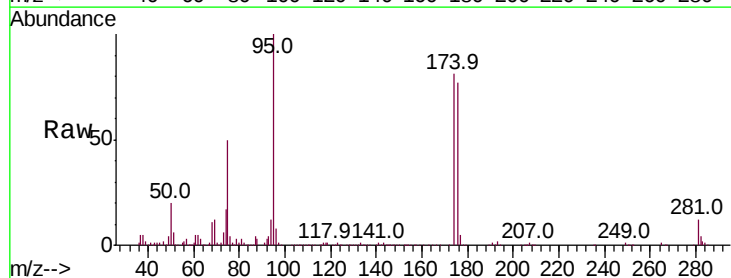
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



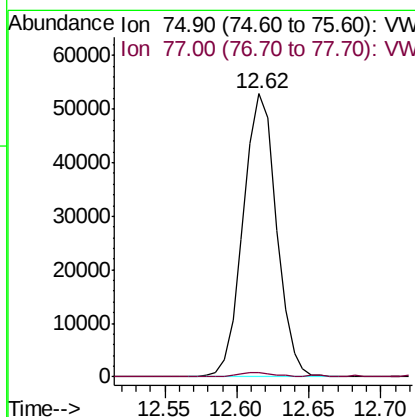
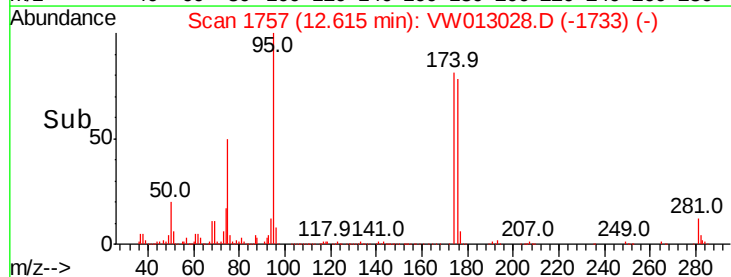
#76

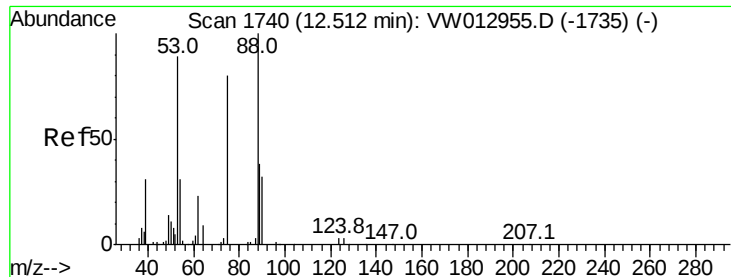
1,2,3-Trichloropropane
Concen: 63.313 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

Tgt Ion: 75 Resp: 84780
Ion Ratio Lower Upper
75 100
77 1.6 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: 143.624 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

Instrument :

MSVOA_W

ClientSampleId :

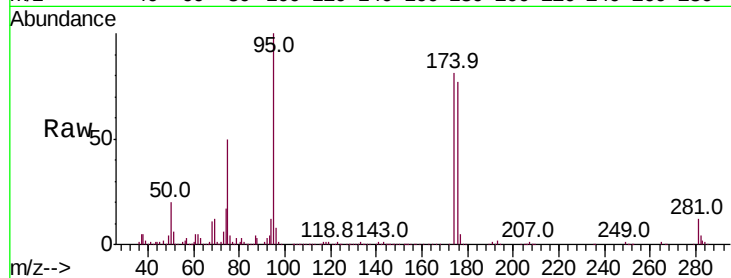
Tot Ion: 75 Resp: 84780

Ion Ratio Lower Upper

75 100

53 0.6 85.6 128.4#

89 0.1 37.2 55.8#



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

