

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015406.D
 Acq On : 06 May 2020 11:01
 Operator : SY/VA
 Sample : VW0506SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 03:09:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	143459	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	119825	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
35) Dibromofluoromethane	7.88	113	106109	53.36	ug/l	0.00
Spiked Amount			Recovery	=	106.72%	
50) Toluene-d8	10.32	98	443400	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	
62) 4-Bromofluorobenzene	12.62	95	157374	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	

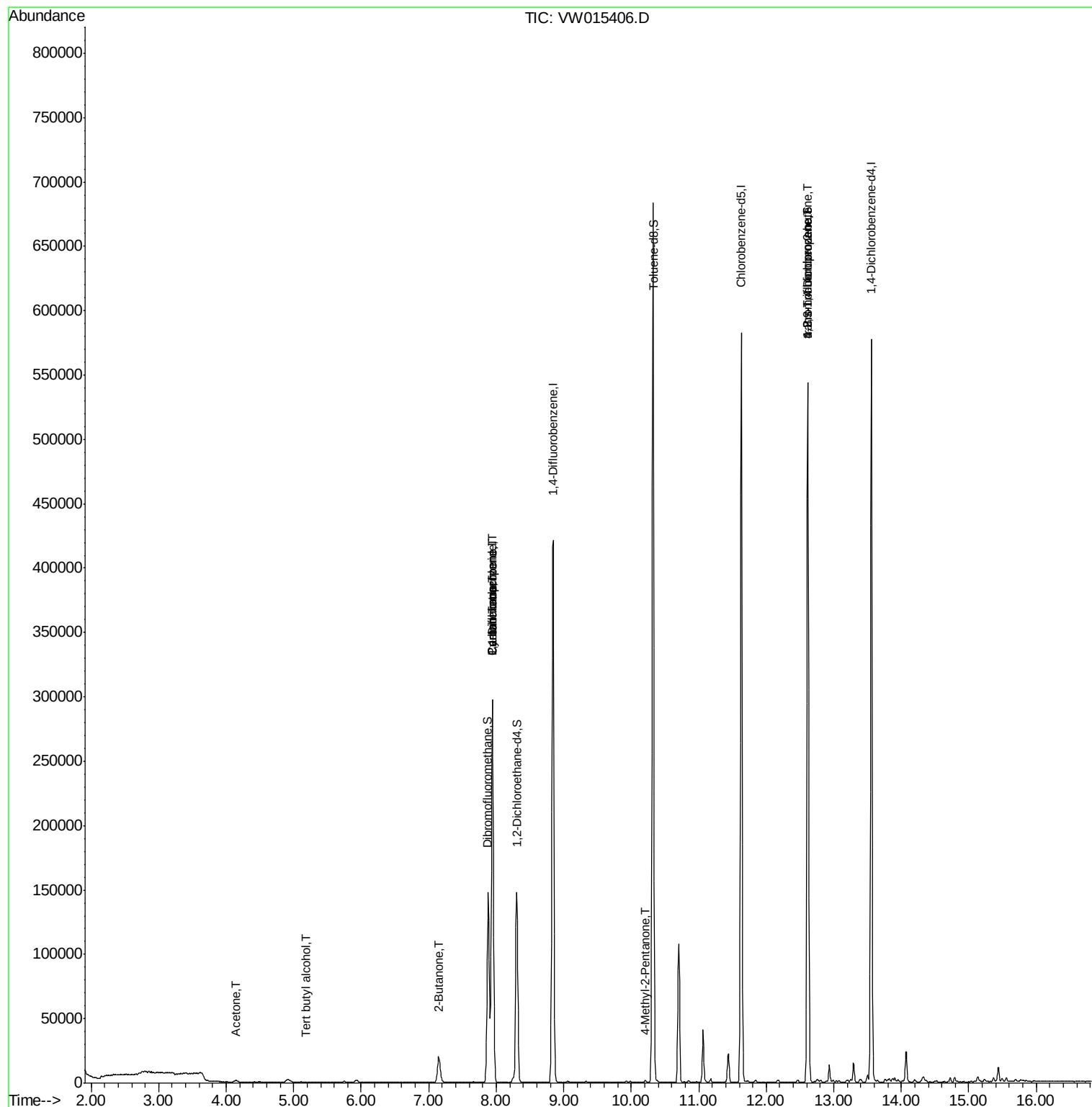
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	135	1.001	ug/l #	71
16) Acetone	4.15	43	2167	5.962	ug/l #	84
25) 2-Butanone	7.15	43	1197	2.113	ug/l #	48
31) Cyclohexane	7.95	56	5496	1.282	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	18091	5.315	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22172	6.967	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	1442	1.108	ug/l #	84
76) 1,2,3-Trichloropropane	12.62	75	85331	72.305	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85331	143.019	ug/l #	9

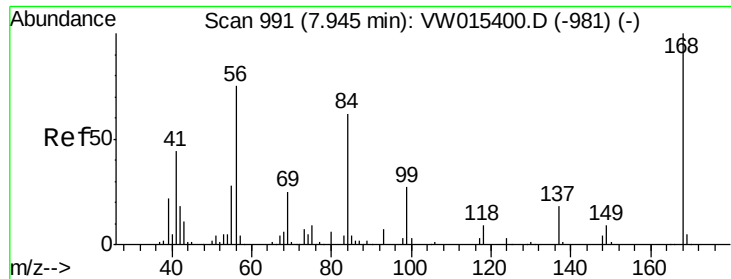
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015406.D

Acq: 06 May 2020 11:01

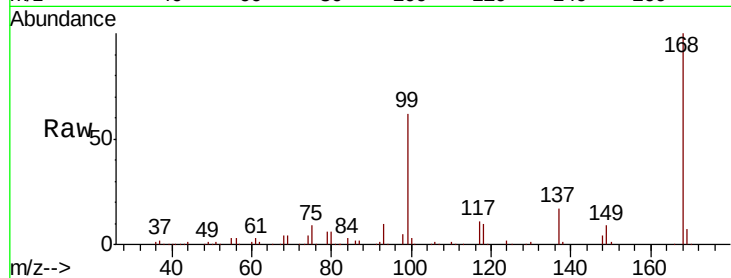
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 212839

Ion Ratio Lower Upper

168 100

99 61.6 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

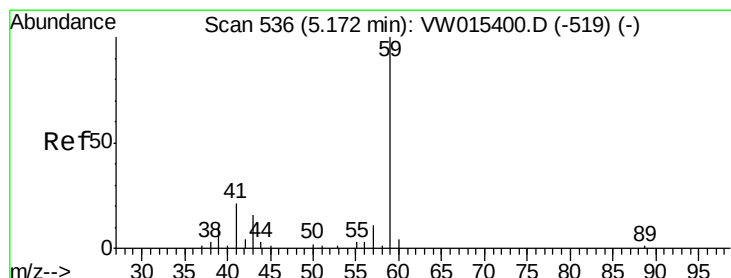
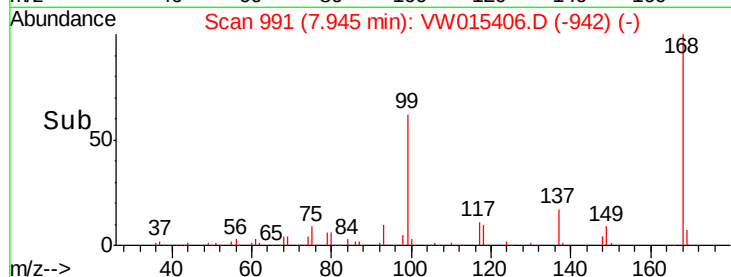
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.001 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW015406.D

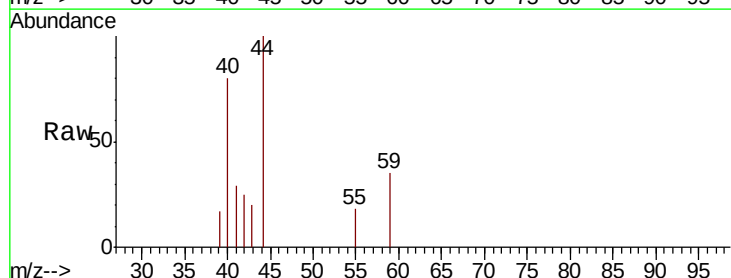
Acq: 06 May 2020 11:01

Tgt Ion: 59 Resp: 135

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

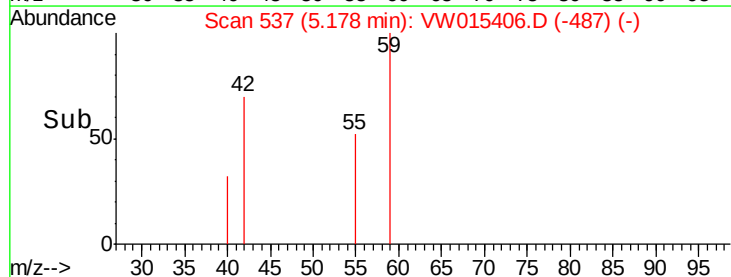
5.18

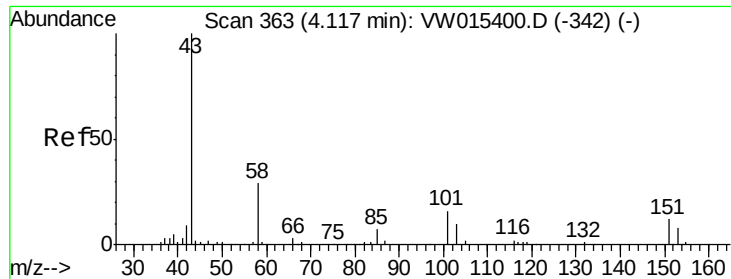
100

50

0

Time--> 5.16 5.18 5.20





#16

Acetone

Concen: 5.962 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW015406.D

Acq: 06 May 2020 11:01

Instrument :

MSVOA_W

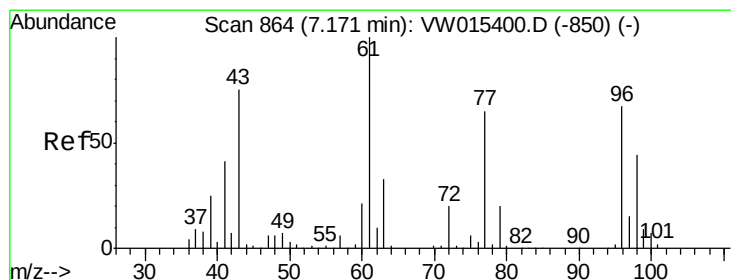
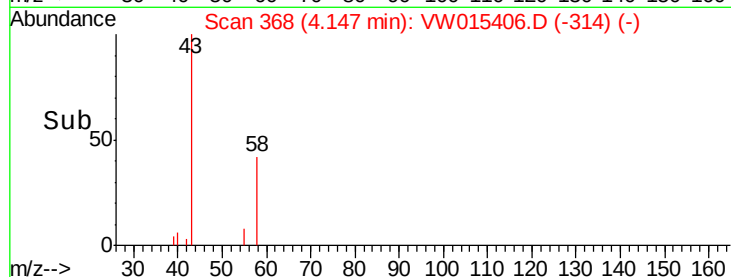
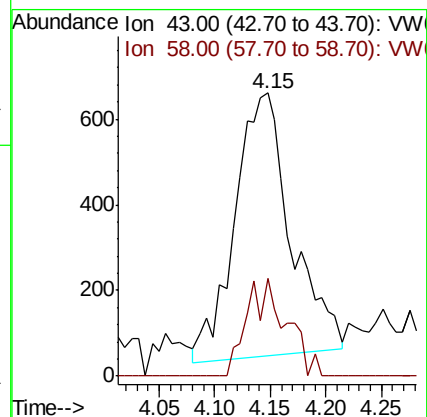
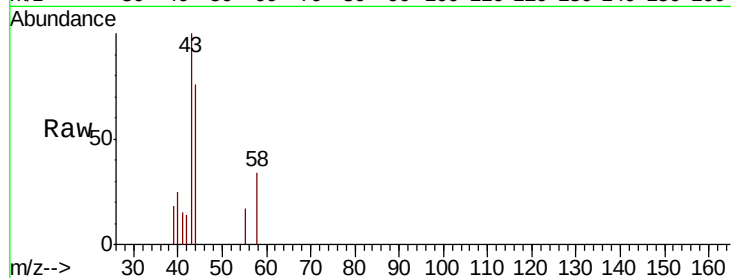
ClientSampled :

Tot Ion: 43 Resp: 2167

Ion Ratio Lower Upper

43 100

58 38.0 23.4 35.0#



#25

2-Butanone

Concen: 2.113 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW015406.D

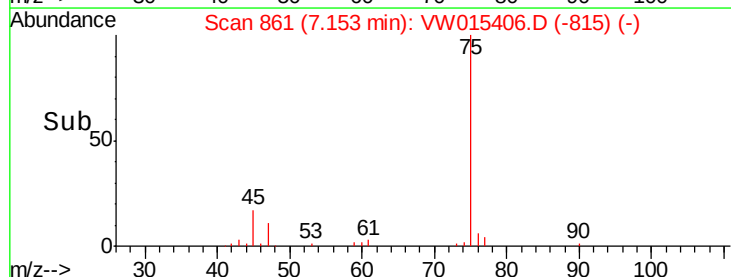
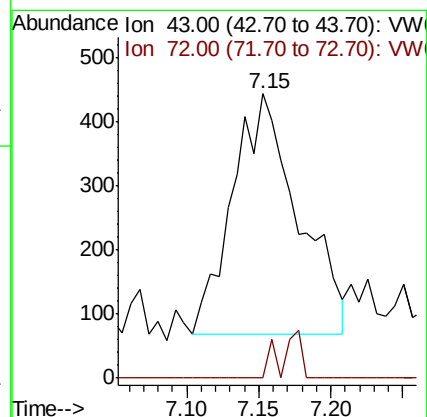
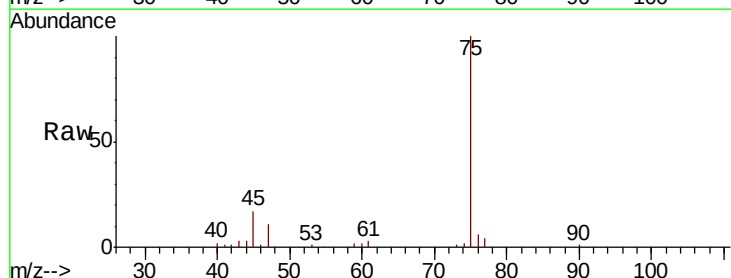
Acq: 06 May 2020 11:01

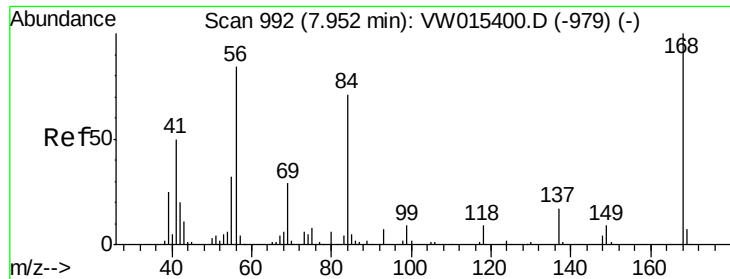
Tgt Ion: 43 Resp: 1197

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.0#

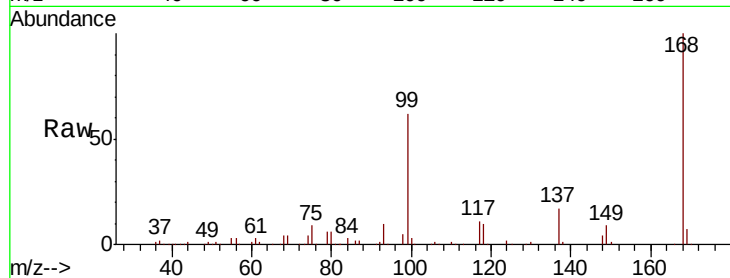




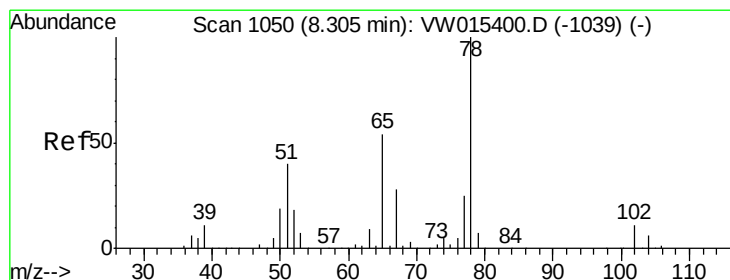
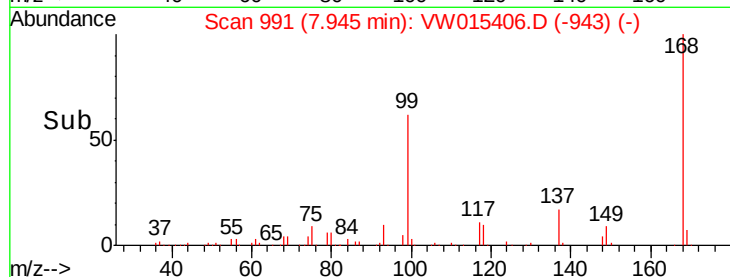
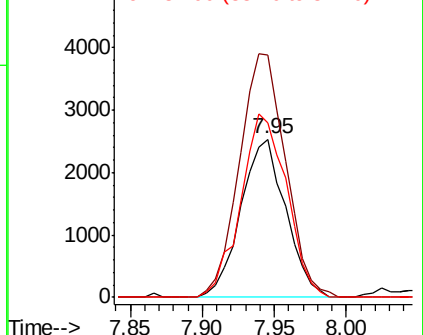
#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015406.D
Acq: 06 May 2020 11:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5496
Ion Ratio Lower Upper
56 100
69 153.8 27.2 40.8#
84 110.7 67.7 101.5#

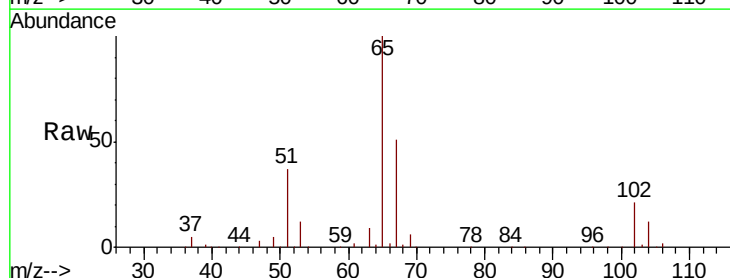


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

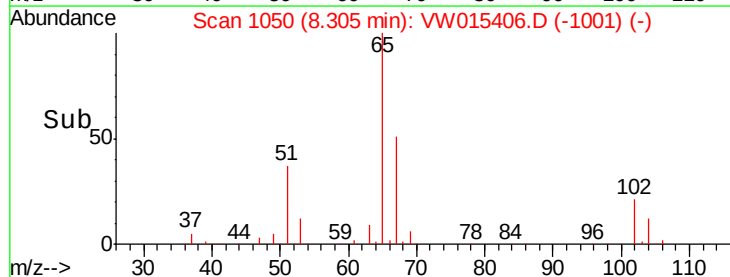
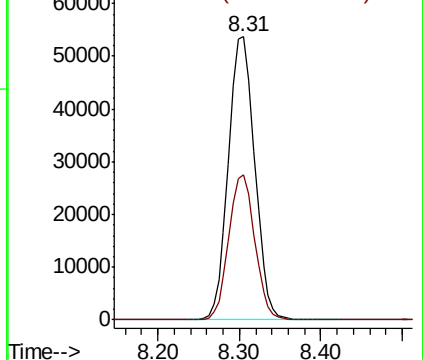


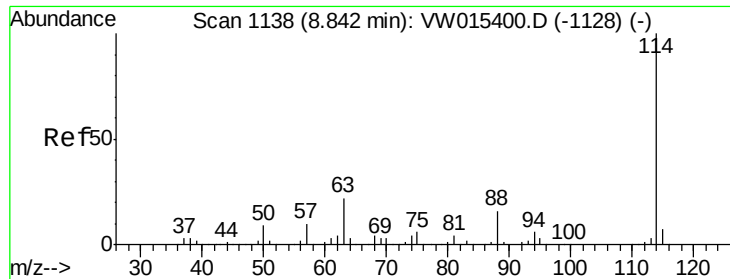
#33
1,2-Dichloroethane-d4
Concen: 51.215 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW015406.D
Acq: 06 May 2020 11:01

Tgt Ion: 65 Resp: 119825
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.8



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

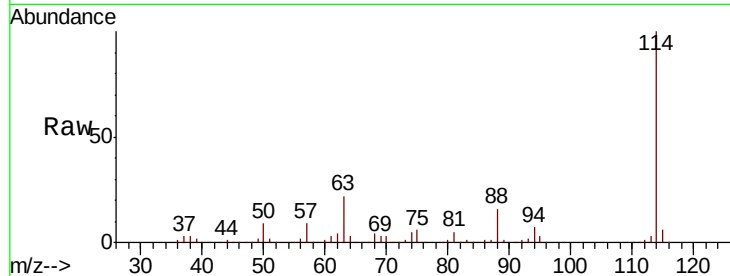




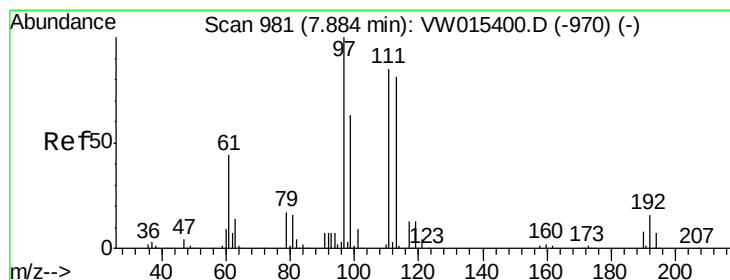
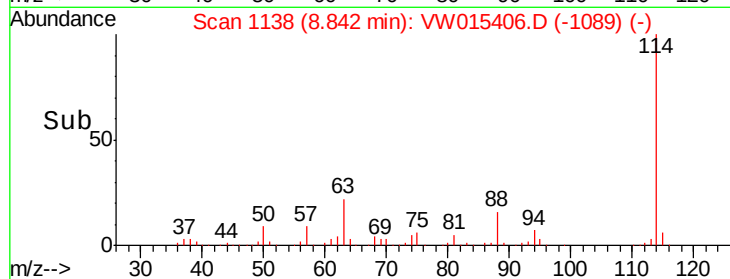
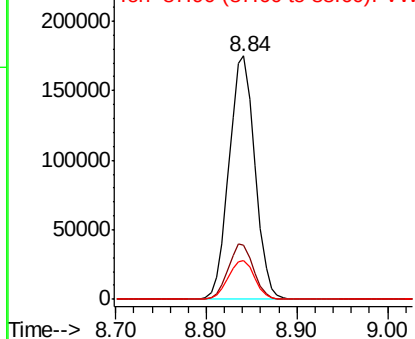
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015406.D
 Acq: 06 May 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 346475
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 16.2 0.0 31.8

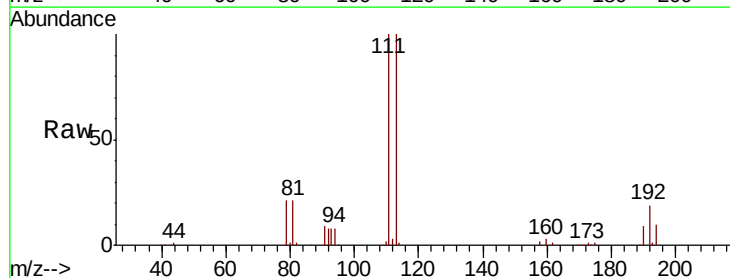


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

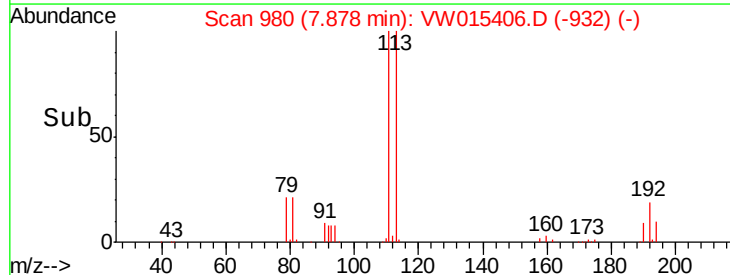
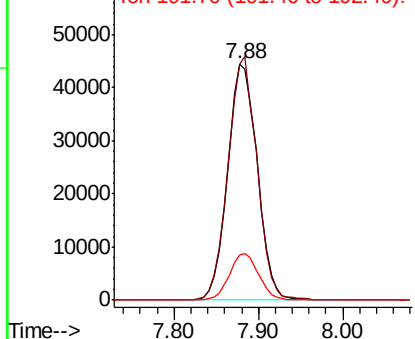


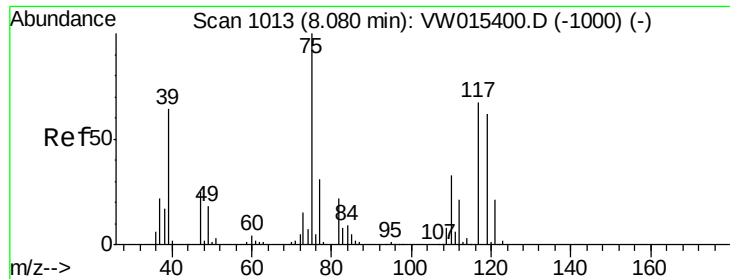
#35
 Dibromofluoromethane
 Concen: 53.358 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW015406.D
 Acq: 06 May 2020 11:01

Tgt Ion:113 Resp: 106109
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.9 124.3
 192 19.3 15.4 23.0



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

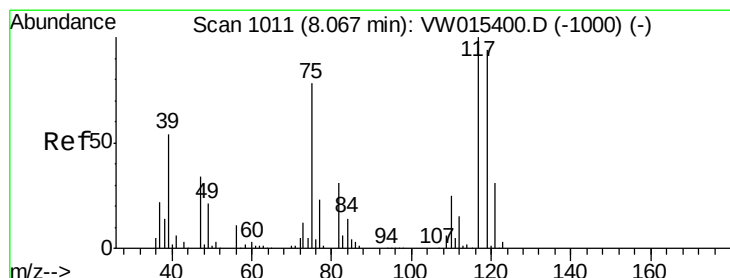
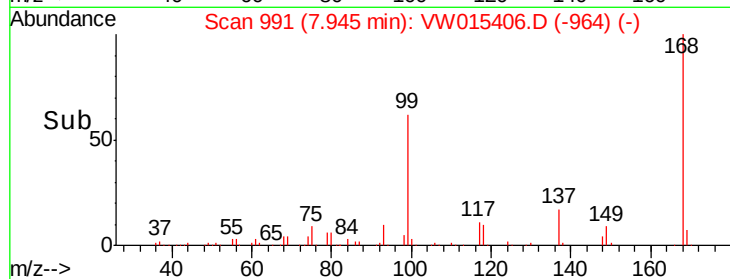
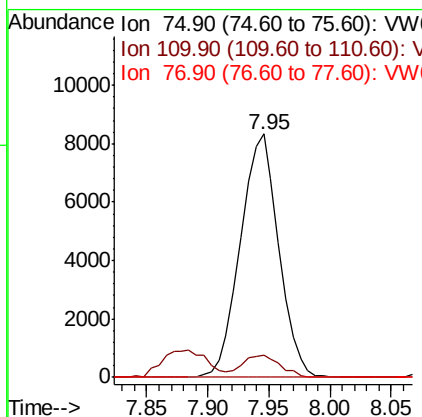
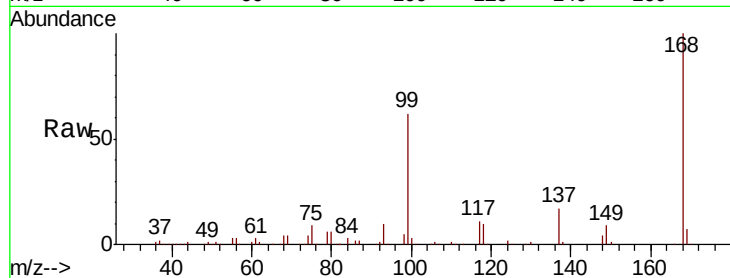




#36
 1,1-Dichloropropene
 Concen: 5.315 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW015406.D
 Acq: 06 May 2020 11:01

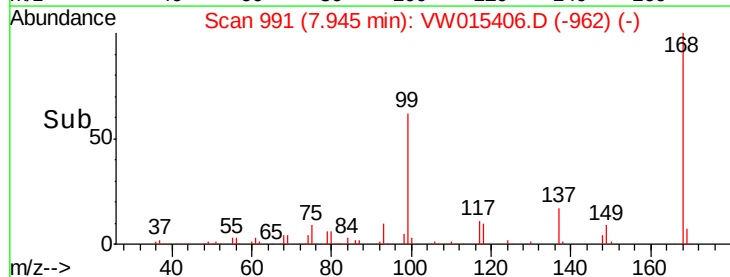
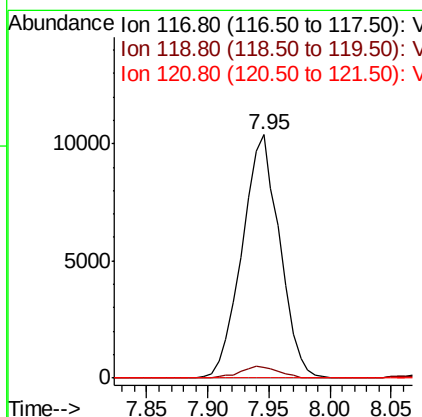
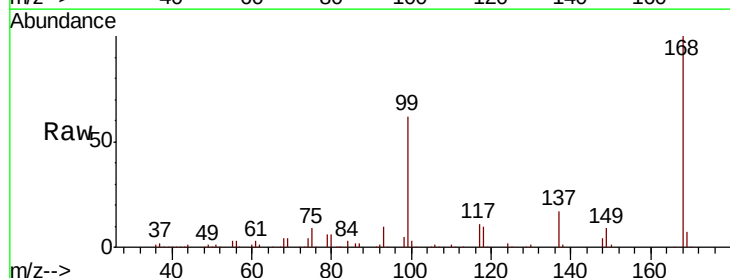
Instrument :
 MSVOA_W
 ClientSampled :

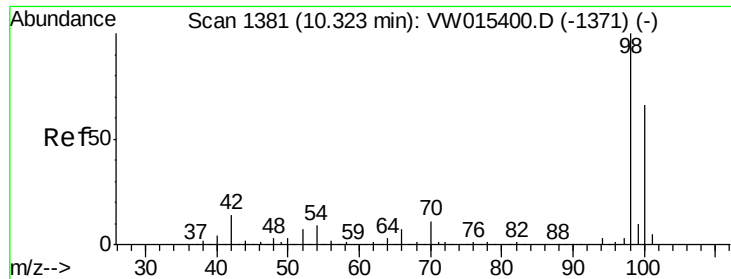
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.6	49.8#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.967 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW015406.D
 Acq: 06 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.4	113.0#
121	0.0	24.8	37.2#

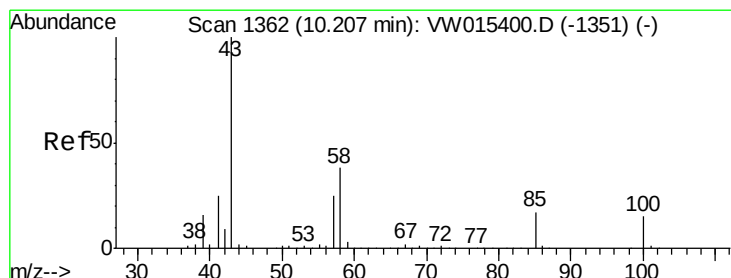
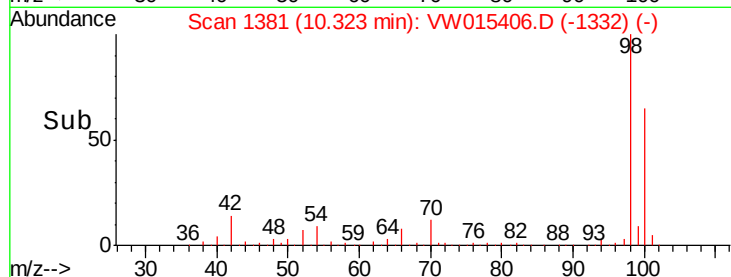
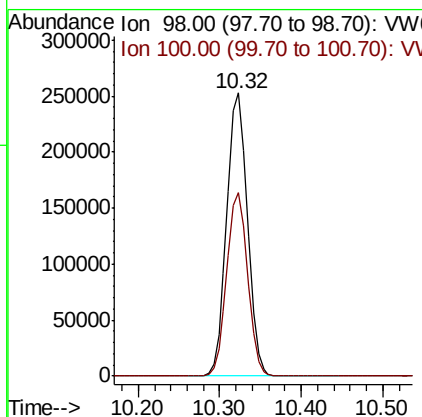
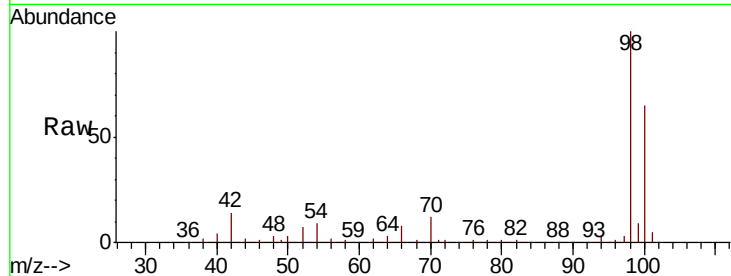




#50
Toluene-d8
Concen: 53.878 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015406.D
Acq: 06 May 2020 11:01

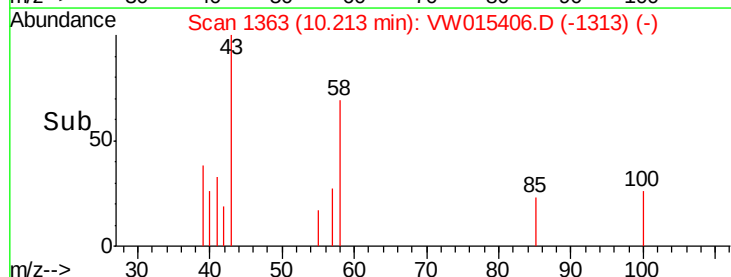
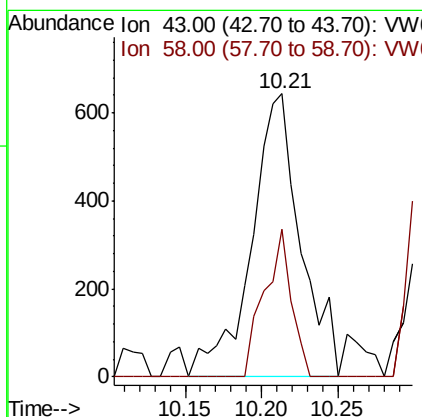
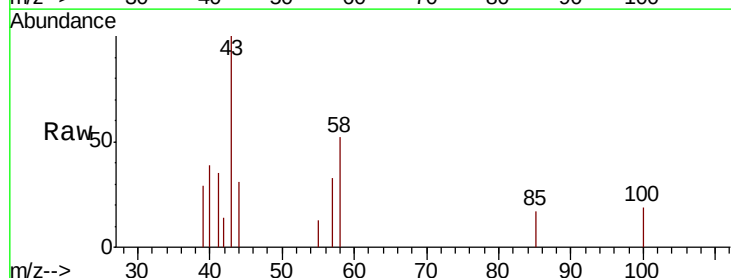
Instrument :
MSVOA_W
ClientSampled :

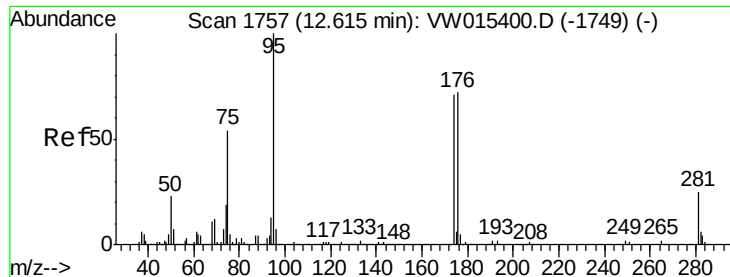
Tot Ion: 98 Resp: 443400
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.108 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW015406.D
Acq: 06 May 2020 11:01

Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
58 28.8 30.8 46.2#

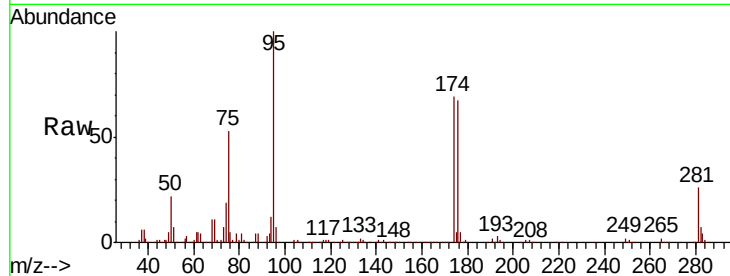




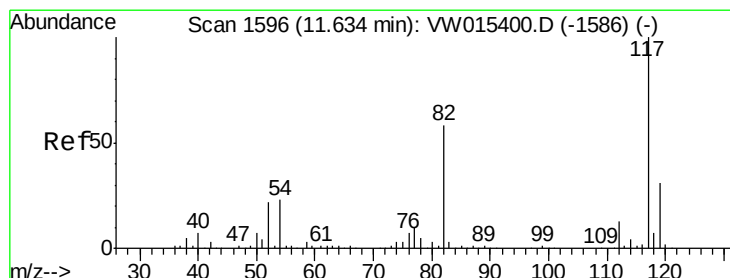
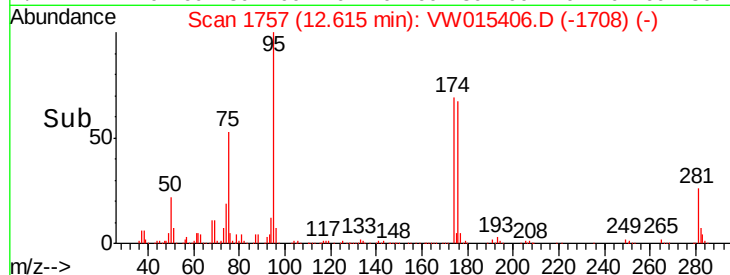
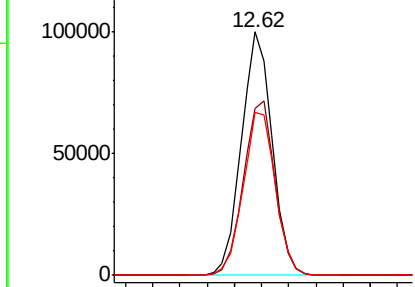
#62
4-Bromofluorobenzene
Concen: 51.787 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015406.D
Acq: 06 May 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 157374
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.6
176 70.2 0.0 144.4

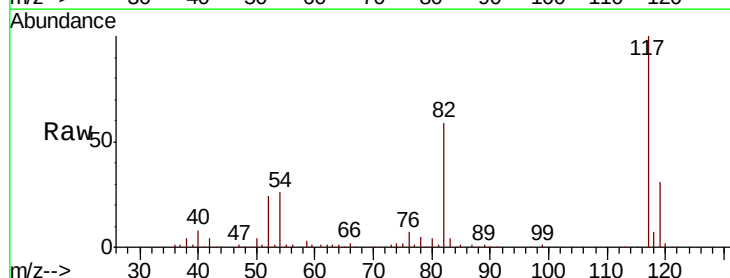


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

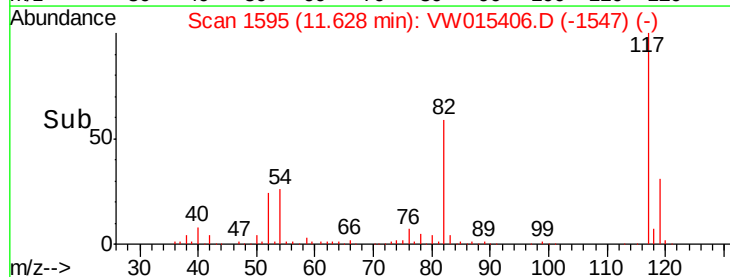
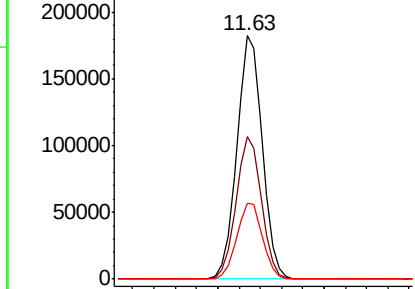


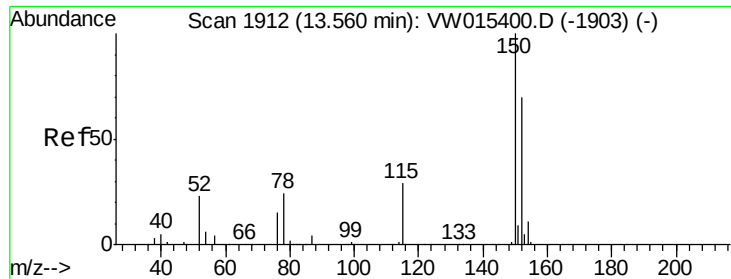
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015406.D
Acq: 06 May 2020 11:01

Tgt Ion: 117 Resp: 305289
Ion Ratio Lower Upper
117 100
82 58.8 46.4 69.6
119 31.4 24.6 37.0



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



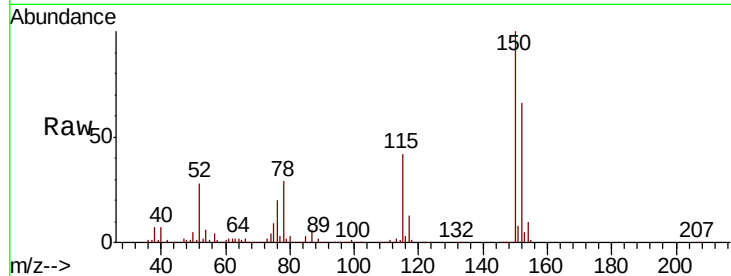


#72

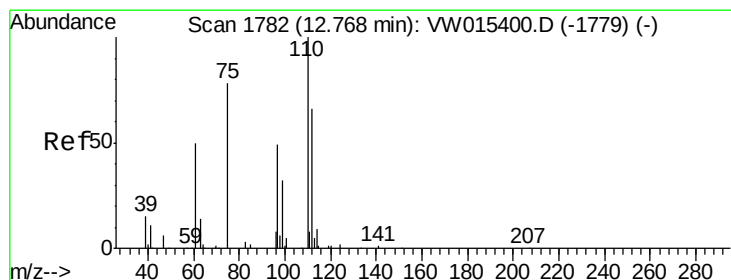
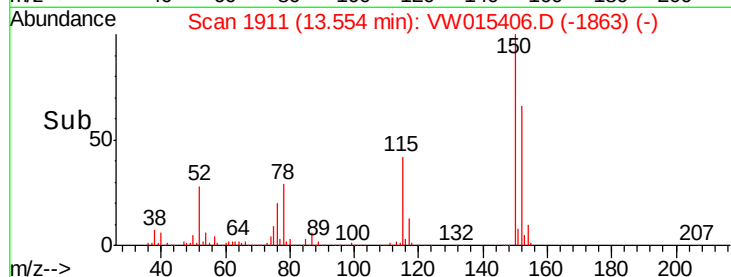
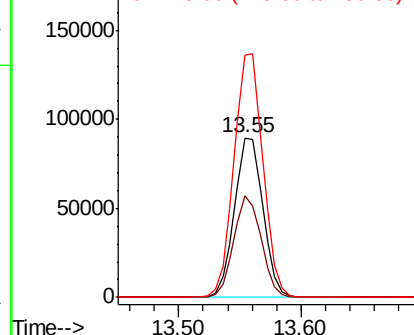
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015406.D
Acq: 06 May 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.3	90.8
150	155.4	0.0	344.4



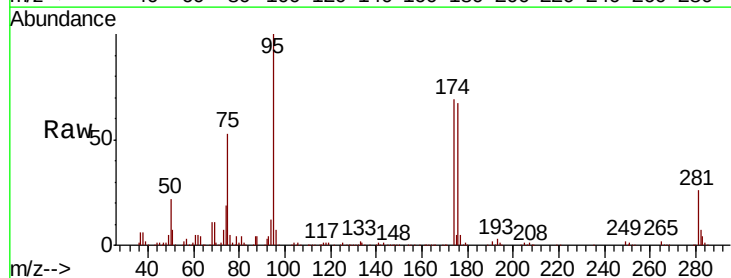
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



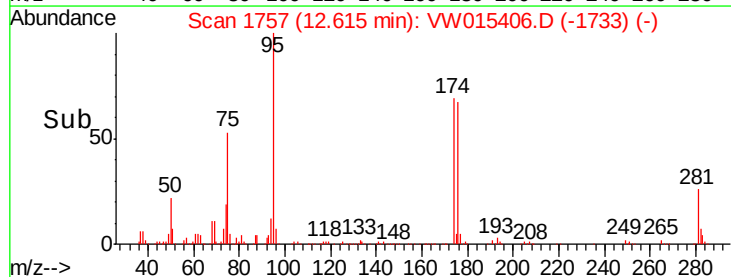
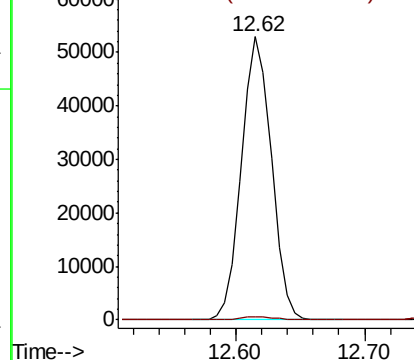
#76

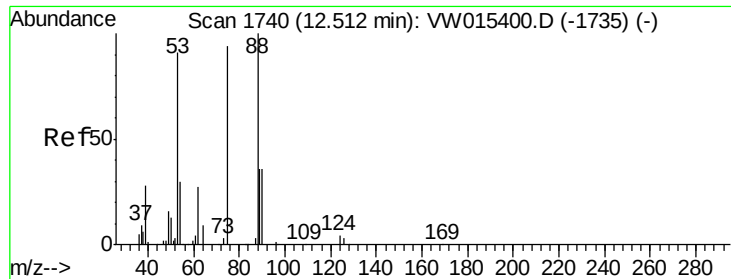
1,2,3-Trichloropropane
Concen: 72.305 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015406.D
Acq: 06 May 2020 11:01

Tgt 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

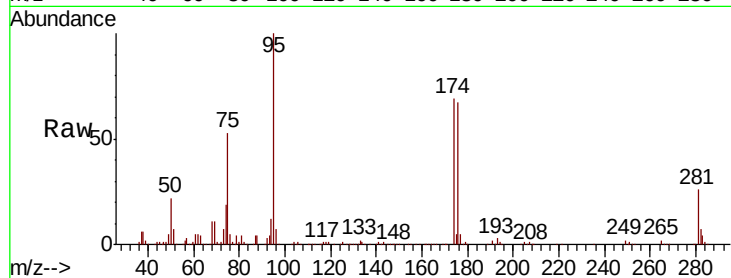




#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.019 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015406.D
 Acq: 06 May 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 85331
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.5 123.7#
 89 0.3 35.8 53.8#



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

