

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015334.D
 Acq On : 24 Apr 2020 11:15
 Operator : SY/VA
 Sample : VW0424SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 25 06:45:21 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	232621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	122368	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	87087	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
35) Dibromofluoromethane	7.88	113	88627	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
50) Toluene-d8	10.32	98	376244	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	121929	43.47	ug/l	0.00
Spiked Amount			Recovery	=	86.94%	

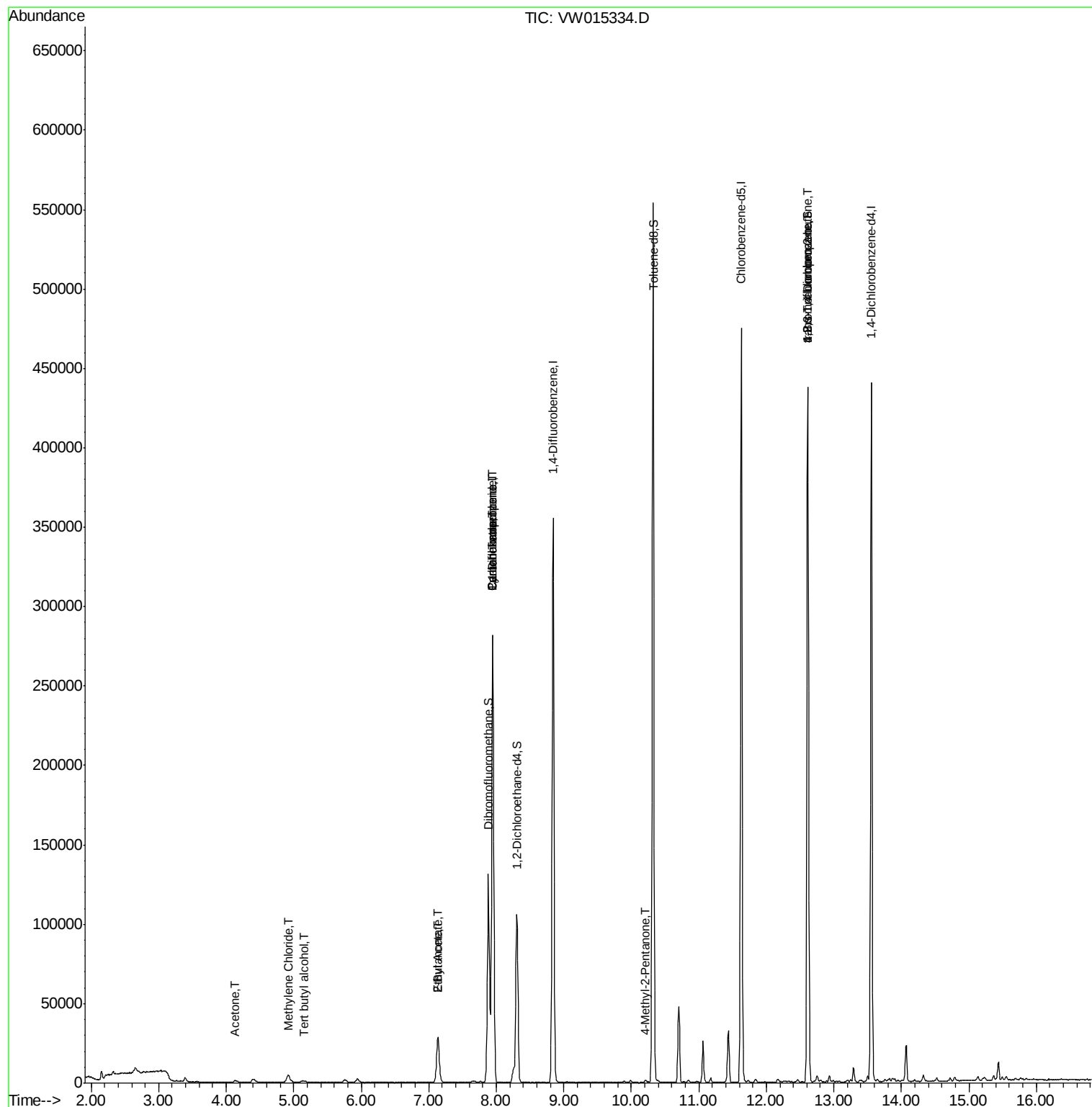
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	1800	11.608	ug/l #	79
16) Acetone	4.14	43	2066	6.218	ug/l	99
20) Methylene Chloride	4.92	84	3688	1.694	ug/l #	89
25) 2-Butanone	7.13	43	2001	4.539	ug/l #	77
31) Cyclohexane	7.95	56	4291	1.220	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	14796	5.196	ug/l #	50
37) Ethyl Acetate	7.13	43	2001	2.165	ug/l #	11
38) Carbon Tetrachloride	7.95	117	20336	6.535	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	1349	1.483	ug/l	90
76) 1,2,3-Trichloropropane	12.62	75	61979	65.472	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61979	143.122	ug/l #	15

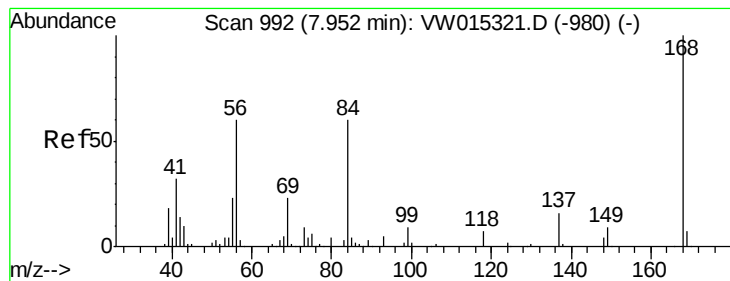
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042420\
Data File : VW015334.D
Acq On : 24 Apr 2020 11:15
Operator : SY/VA
Sample : VW0424SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 25 06:45:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
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: VW015334.D

Acq: 24 Apr 2020 11:15

Instrument :

MSVOA_W

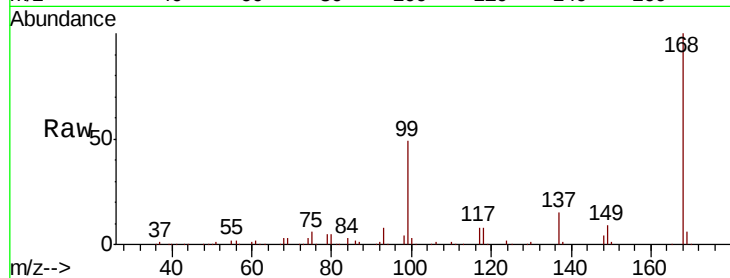
ClientSampled :

Tot Ion:168 Resp: 232621

Ion Ratio Lower Upper

168 100

99 49.5 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

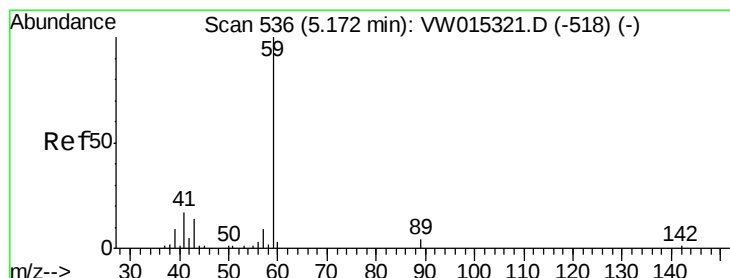
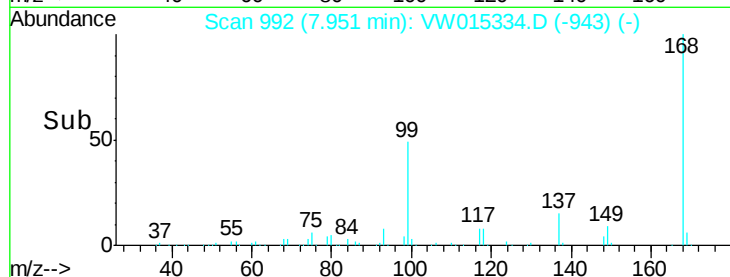
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 11.608 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW015334.D

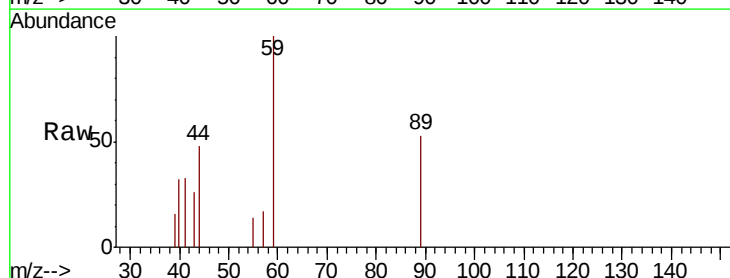
Acq: 24 Apr 2020 11:15

Tgt Ion: 59 Resp: 1800

Ion Ratio Lower Upper

59 100

57 2.4 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

400

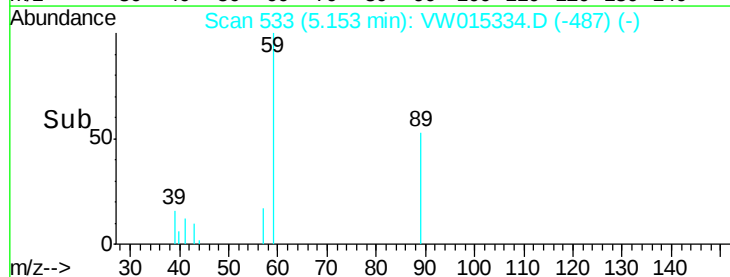
300

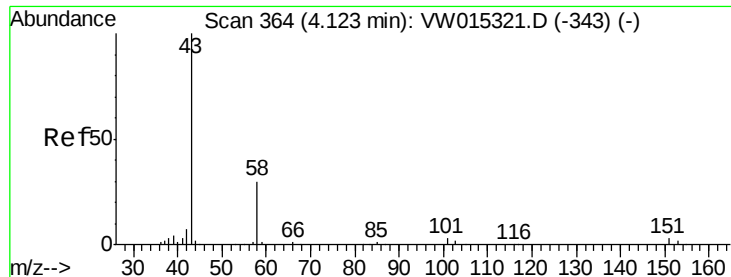
200

100

0

Time-->





#16

Acetone

Concen: 6.218 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015334.D

Acq: 24 Apr 2020 11:15

Instrument :

MSVOA_W

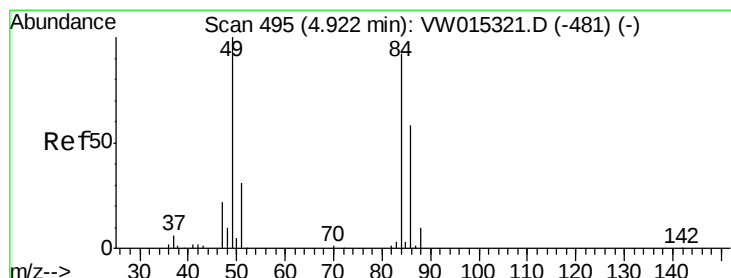
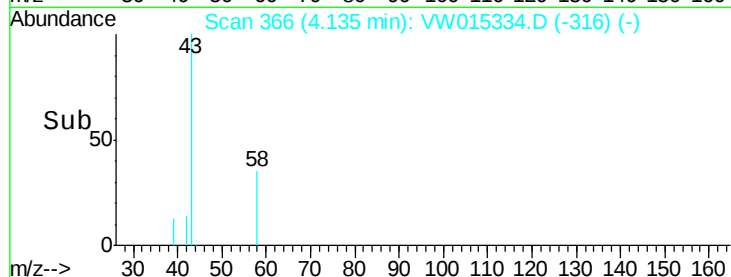
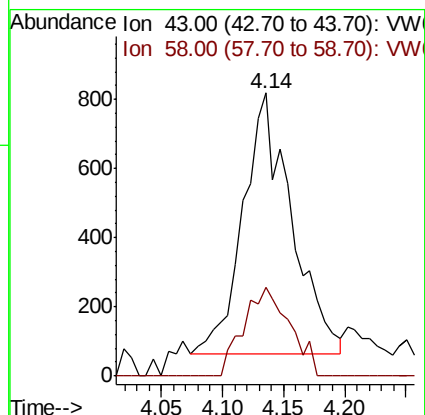
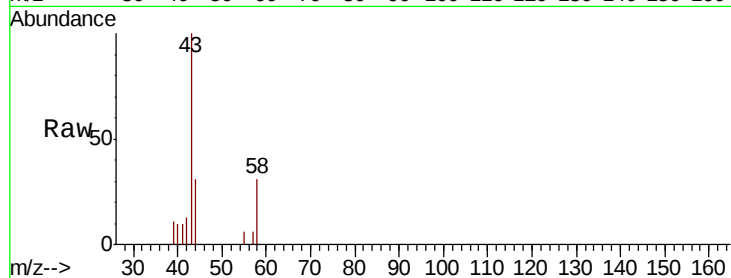
ClientSampled :

Tot Ion: 43 Resp: 2066

Ion Ratio Lower Upper

43 100

58 34.1 27.0 40.4



#20

Methylene Chloride

Concen: 1.694 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW015334.D

Acq: 24 Apr 2020 11:15

Tgt Ion: 84 Resp: 3688

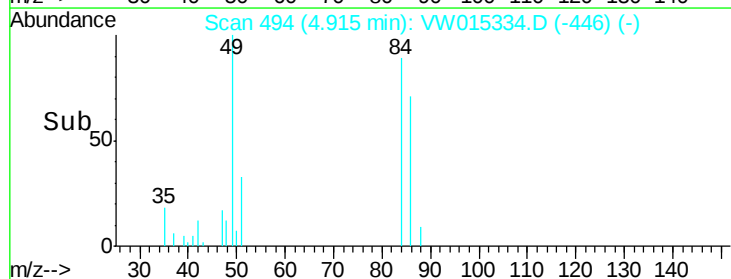
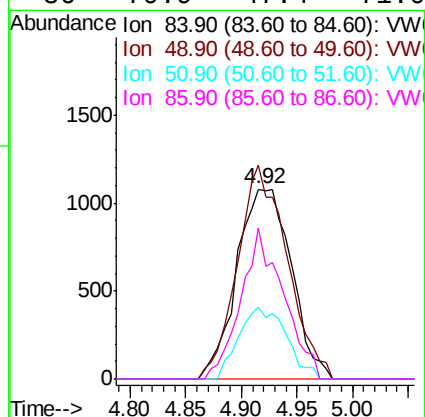
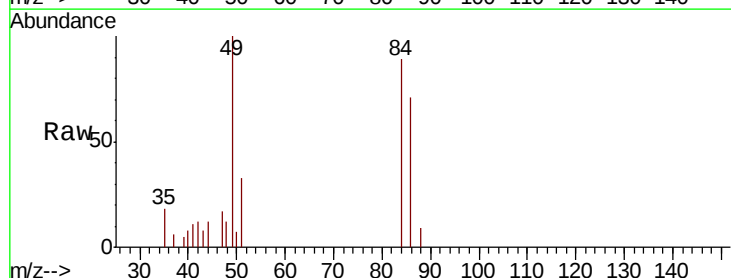
Ion Ratio Lower Upper

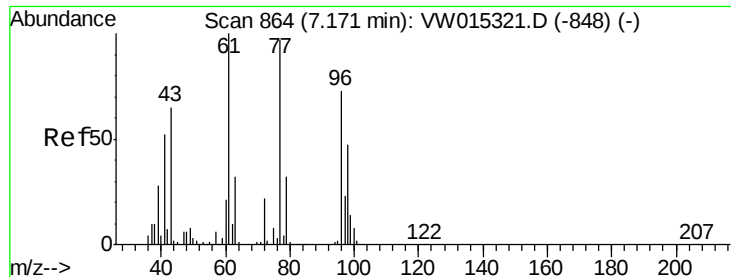
84 100

49 112.5 95.4 143.0

51 37.5 29.8 44.8

86 79.9 47.4 71.0#





#25

2-Butanone

Concen: 4.539 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW015334.D

Acq: 24 Apr 2020 11:15

Instrument :

MSVOA_W

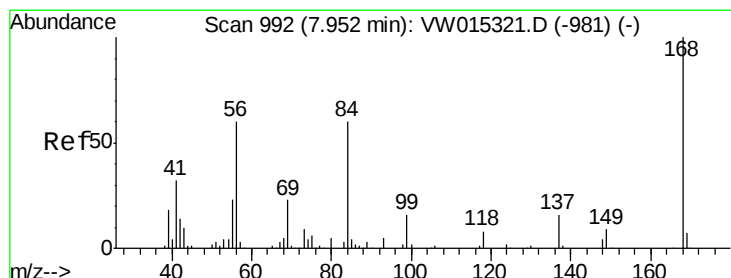
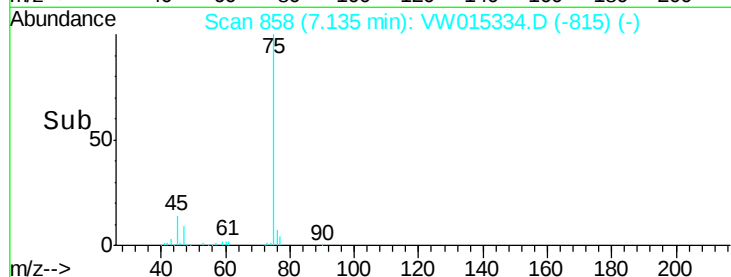
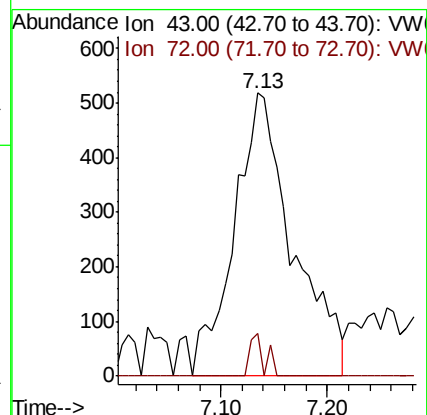
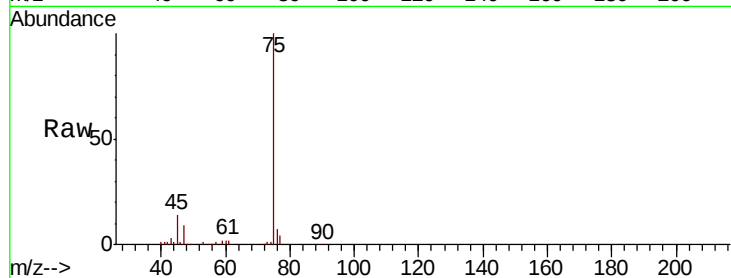
ClientSampleId :

Tot Ion: 43 Resp: 2001

Ion Ratio Lower Upper

43 100

72 14.9 21.6 32.4#



#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015334.D

Acq: 24 Apr 2020 11:15

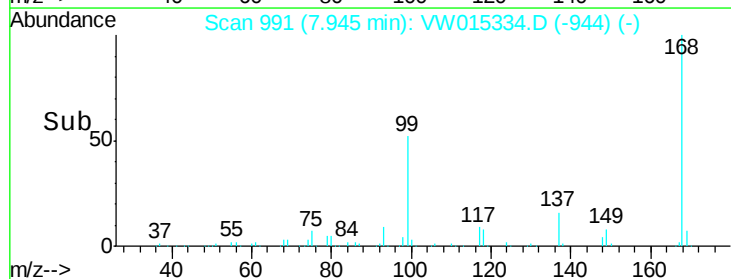
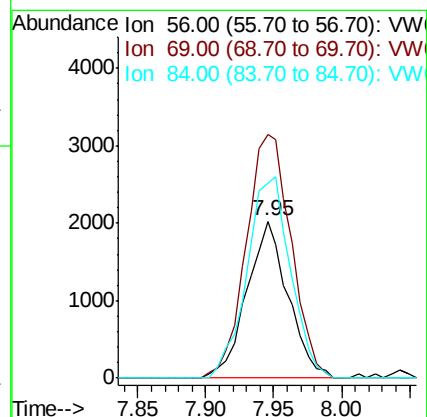
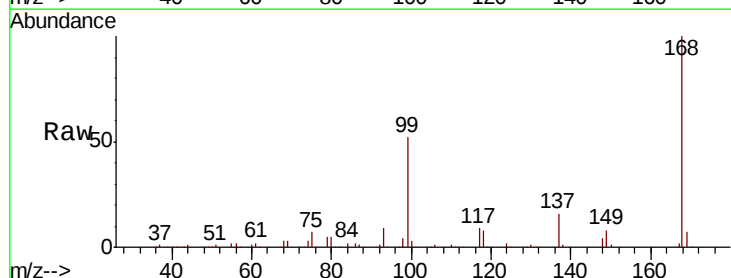
Tgt Ion: 56 Resp: 4291

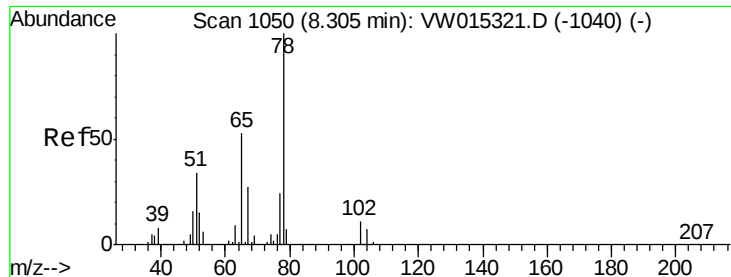
Ion Ratio Lower Upper

56 100

69 155.3 27.1 40.7#

84 124.1 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 45.781 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015334.D

Acq: 24 Apr 2020 11:15

Instrument :

MSVOA_W

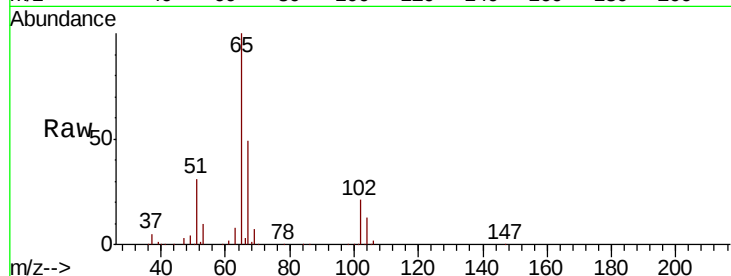
ClientSampleId :

Tot Ion: 65 Resp: 87087

Ion Ratio Lower Upper

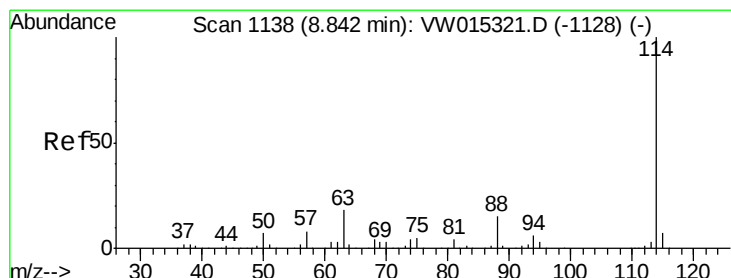
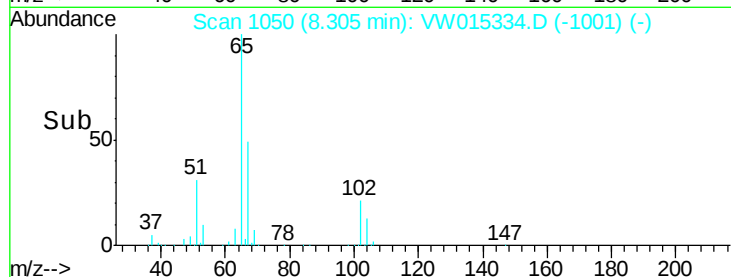
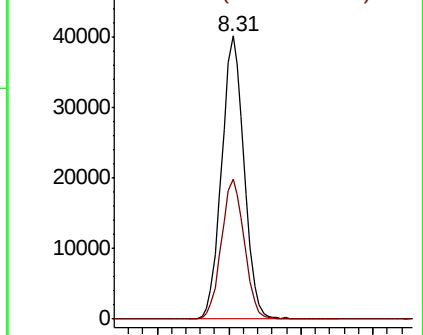
65 100

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: VW015334.D

Acq: 24 Apr 2020 11:15

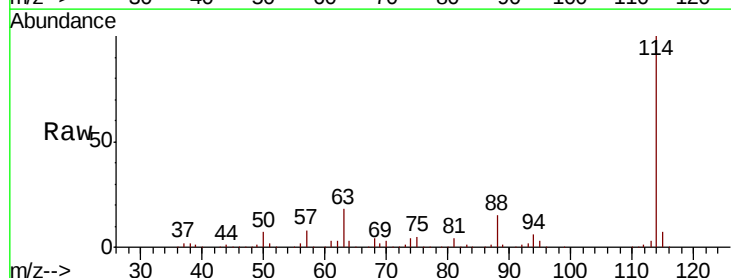
Tgt Ion: 114 Resp: 315478

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.8

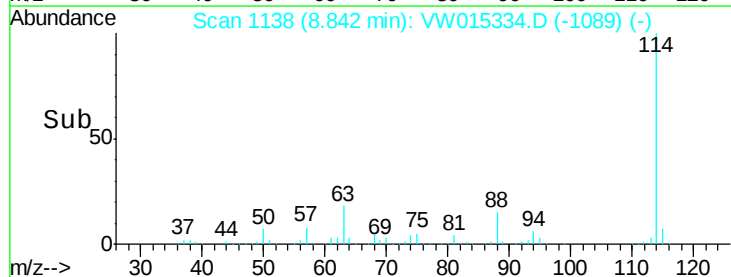
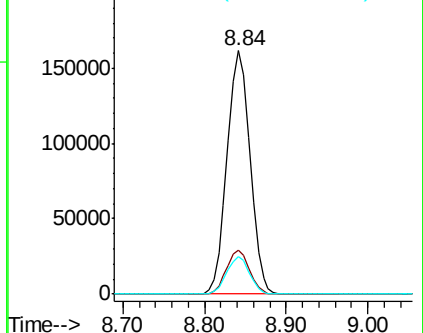
88 15.2 0.0 30.2

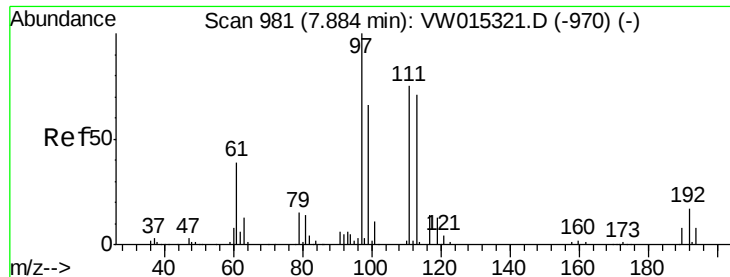


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

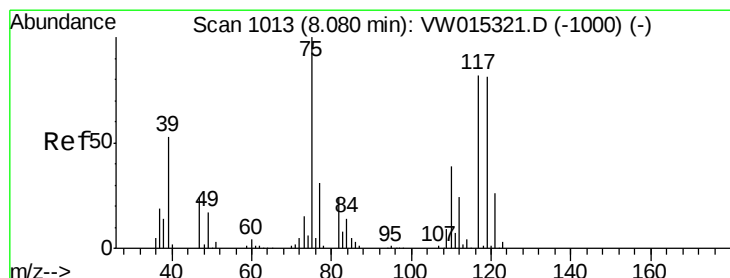
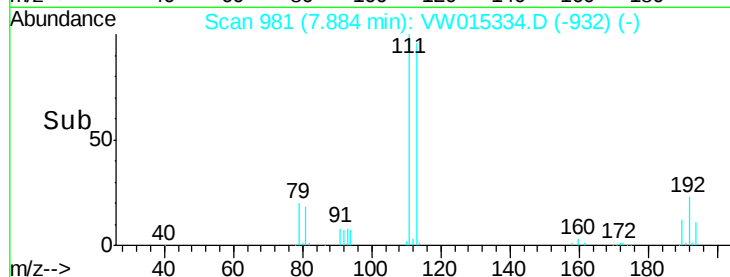
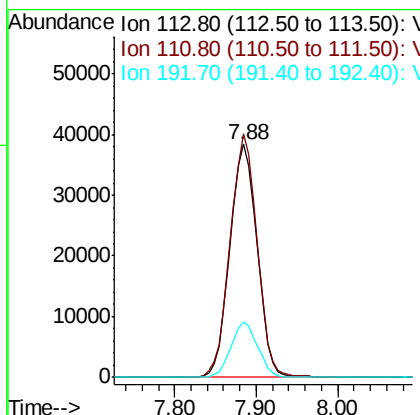
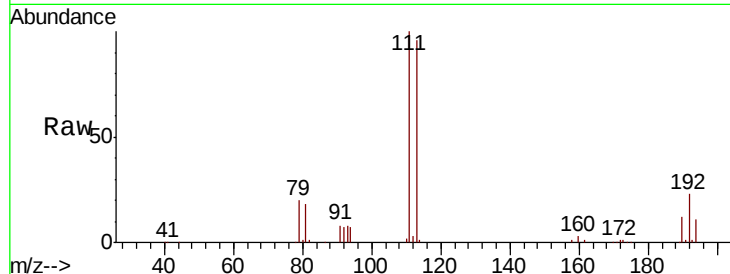




#35
 Dibromofluoromethane
 Concen: 50.717 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015334.D
 Acq: 24 Apr 2020 11:15

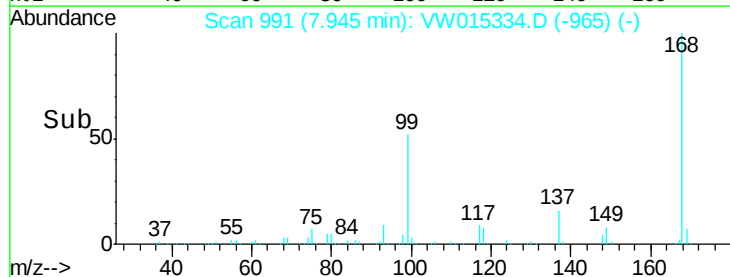
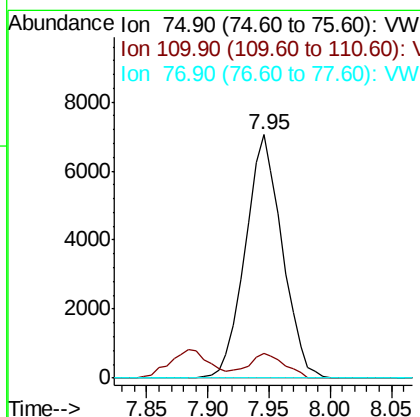
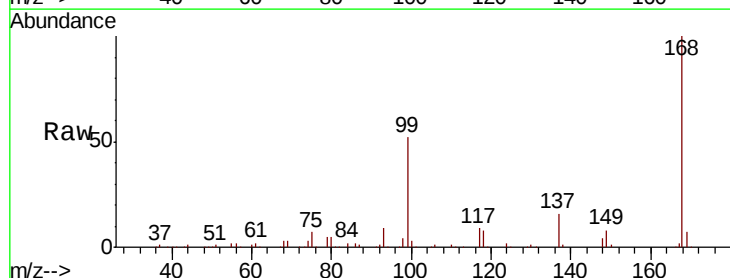
Instrument :
 MSVOA_W
 ClientSampled :

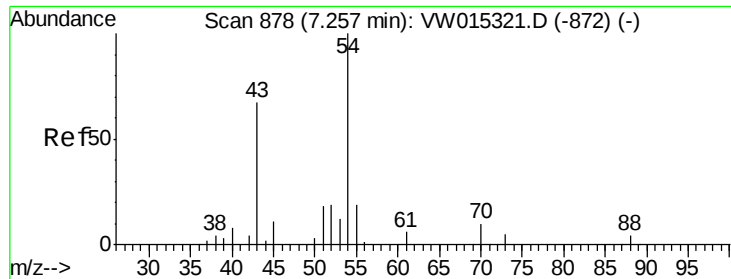
Tot Ion:113 Resp: 88627
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.0 124.4
 192 23.2 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 5.196 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015334.D
 Acq: 24 Apr 2020 11:15

Tgt Ion: 75 Resp: 14796
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.2 54.6#
 77 0.0 24.5 36.7#

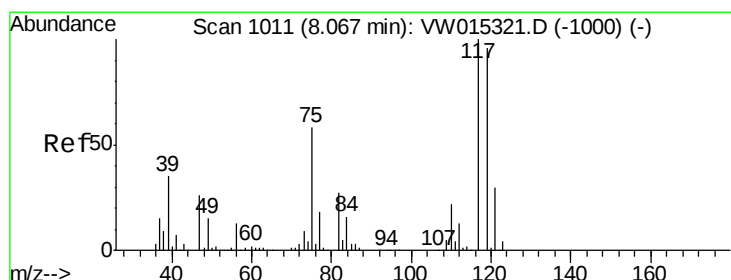
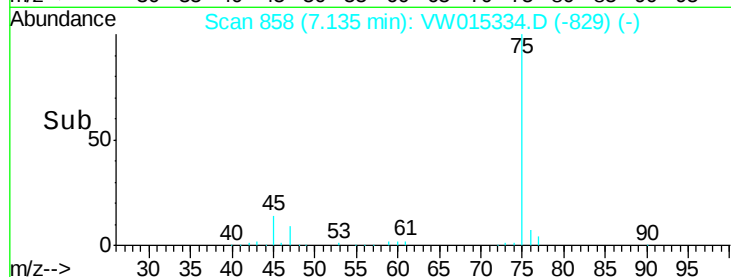
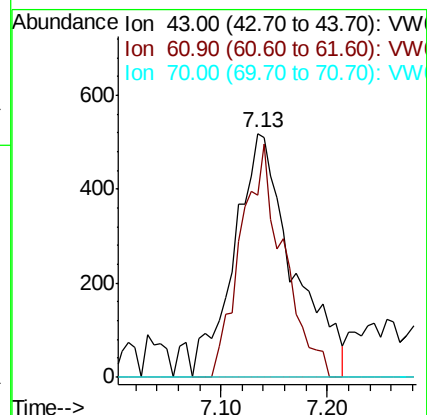
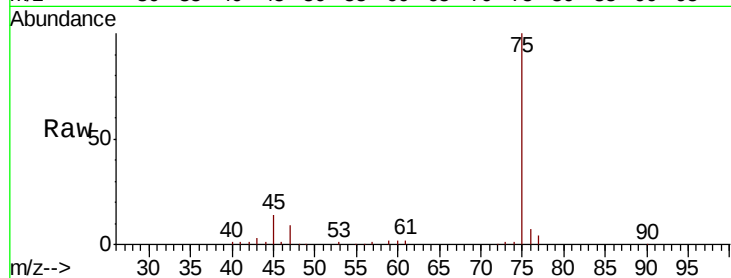




#37
Ethyl Acetate
Concen: 2.165 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.12 min
Lab File: VW015334.D
Acq: 24 Apr 2020 11:15

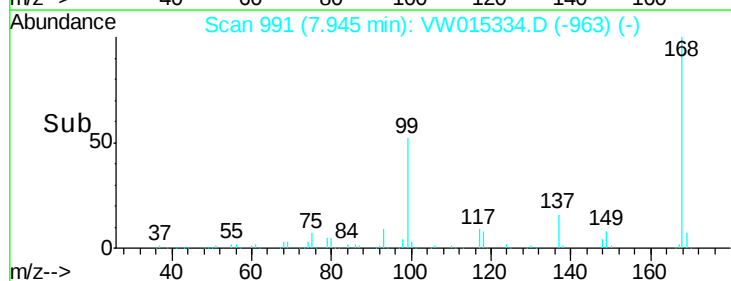
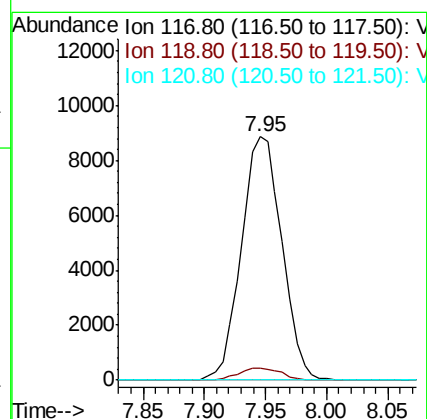
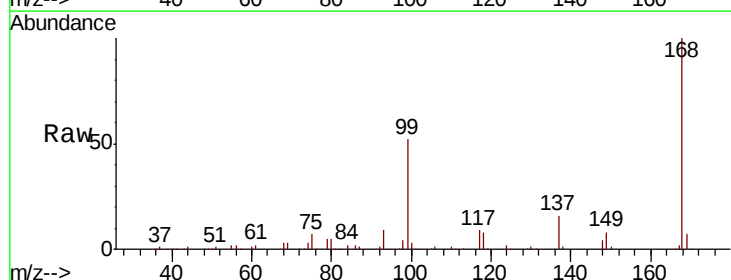
Instrument :
MSVOA_W
ClientSampleId :

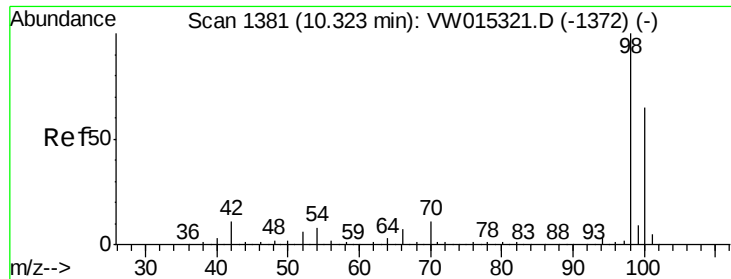
Tot Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
61 69.9 11.9 17.9#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.535 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW015334.D
Acq: 24 Apr 2020 11:15

Tgt Ion: 117 Resp: 20336
Ion Ratio Lower Upper
117 100
119 4.9 72.3 108.5#
121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 51.182 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015334.D

Acq: 24 Apr 2020 11:15

Instrument :

MSVOA_W

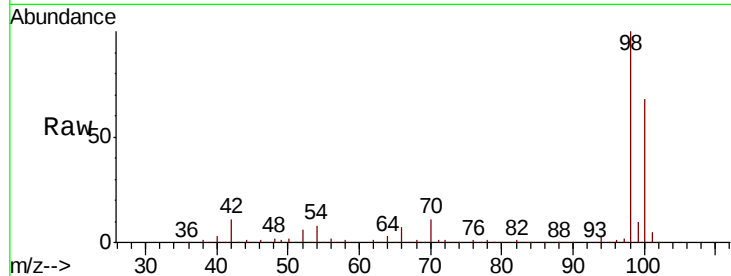
ClientSampleId :

Tot Ion: 98 Resp: 376244

Ion Ratio Lower Upper

98 100

100 66.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

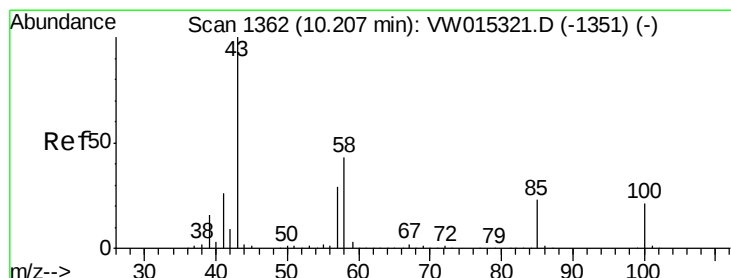
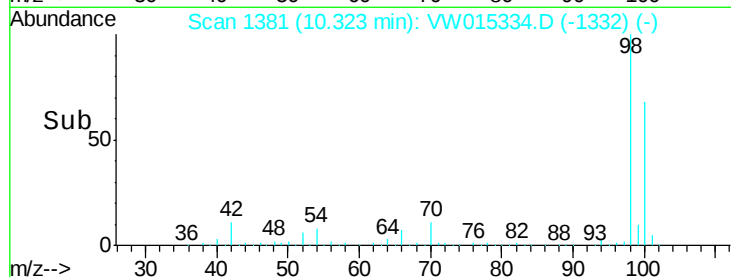
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.483 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW015334.D

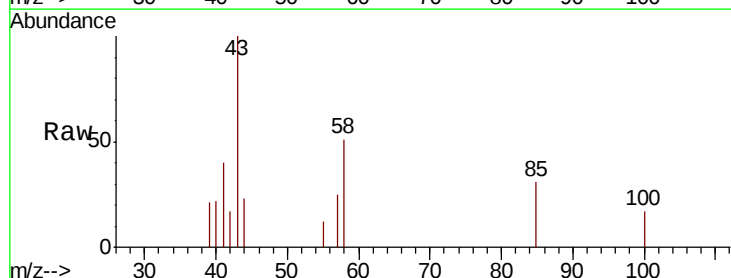
Acq: 24 Apr 2020 11:15

Tgt Ion: 43 Resp: 1349

Ion Ratio Lower Upper

43 100

58 34.0 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

1000

800

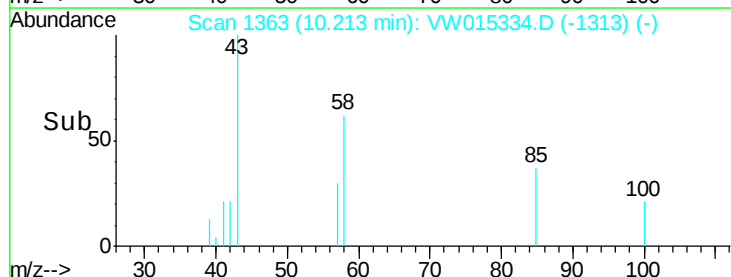
600

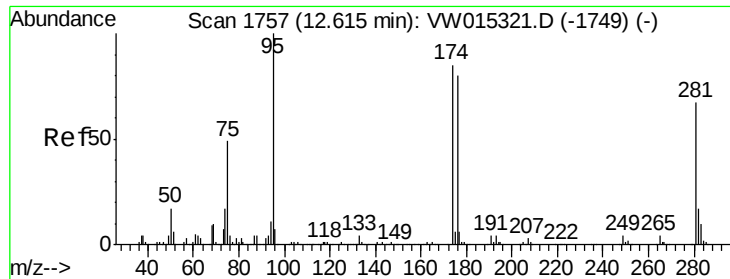
400

200

0

Time-->

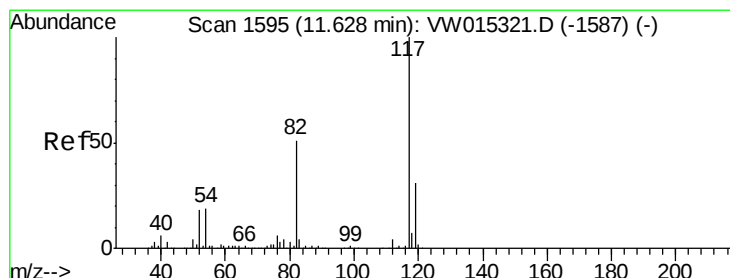
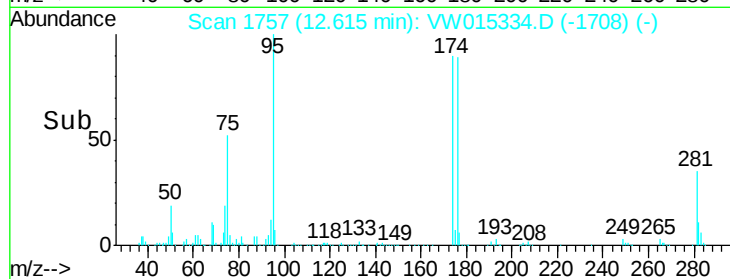
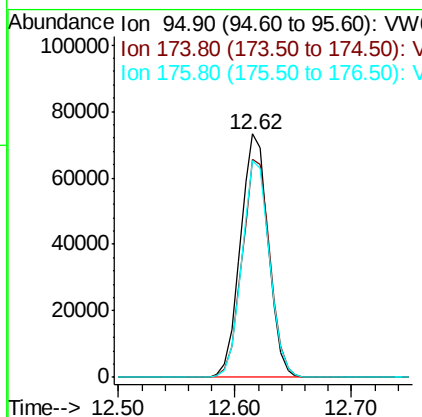
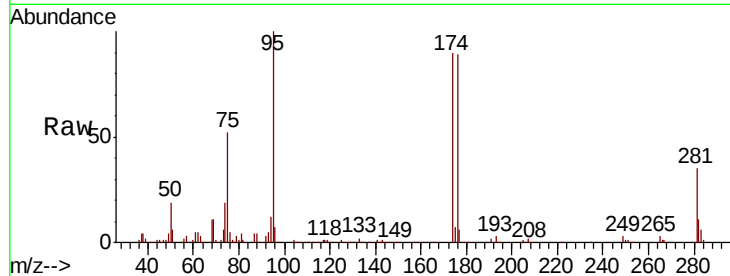




#62
4-Bromofluorobenzene
Concen: 43.471 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015334.D
Acq: 24 Apr 2020 11:15

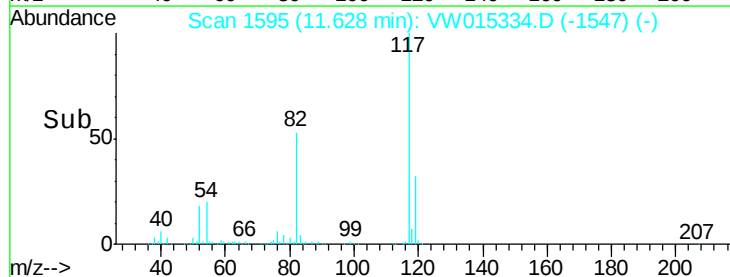
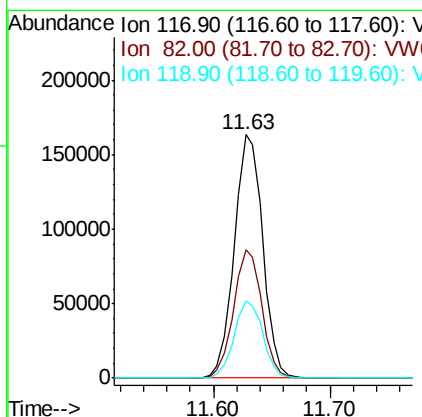
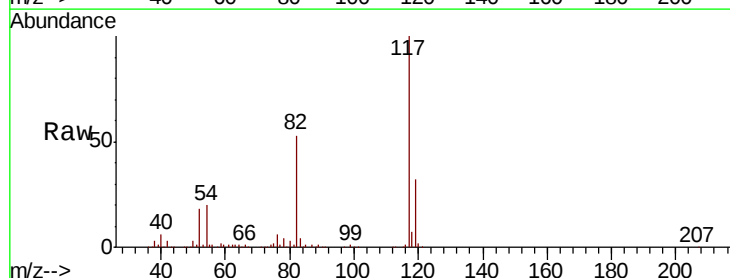
Instrument :
MSVOA_W
ClientSampled :

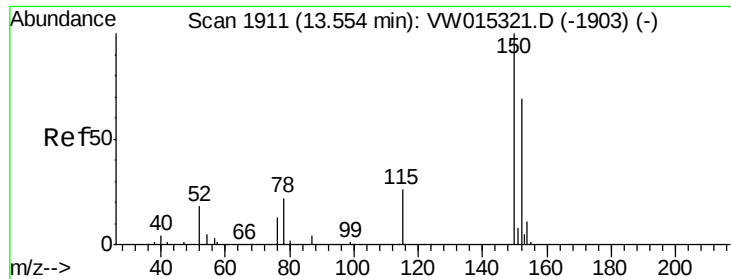
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	144.4
176	88.2	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015334.D
Acq: 24 Apr 2020 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.1	66.1
119	31.9	24.9	37.3



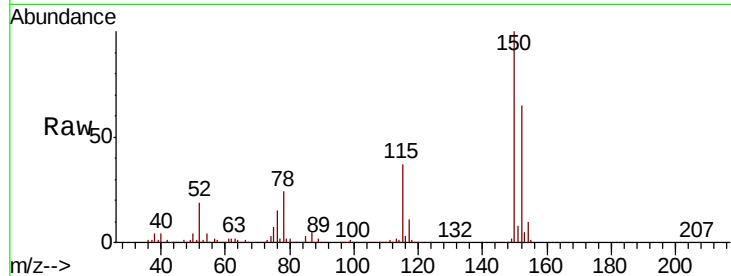


#72

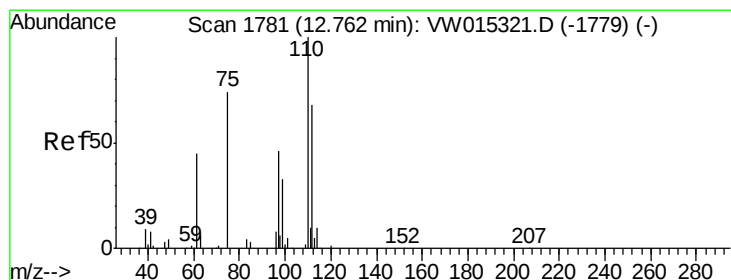
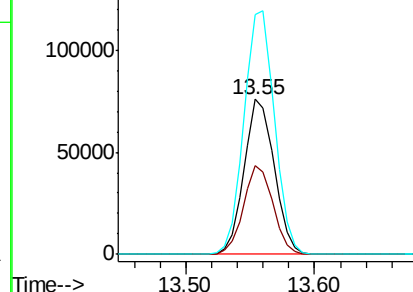
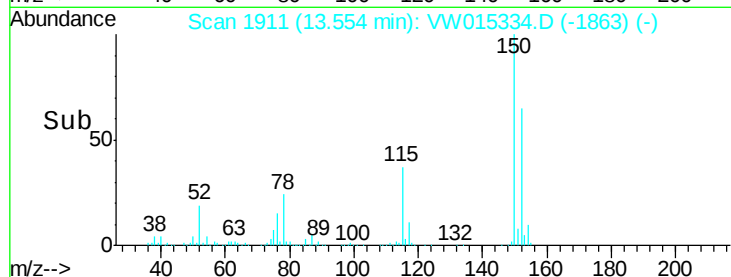
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015334.D
Acq: 24 Apr 2020 11:15

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	31.3	93.9
150	159.3	0.0	343.4



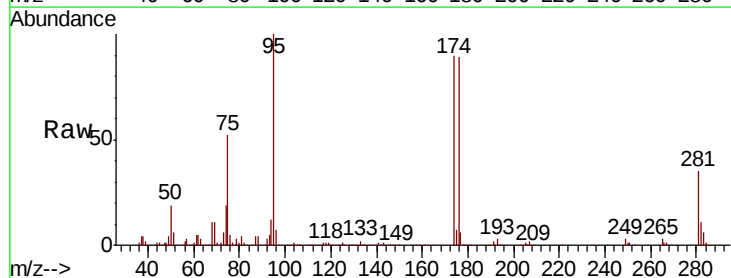
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



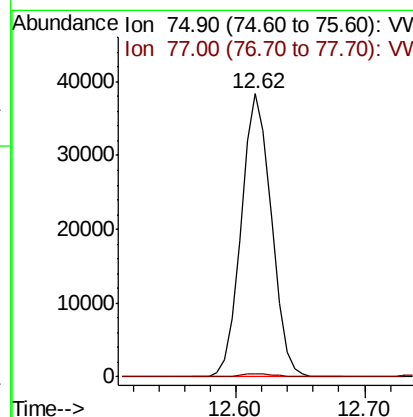
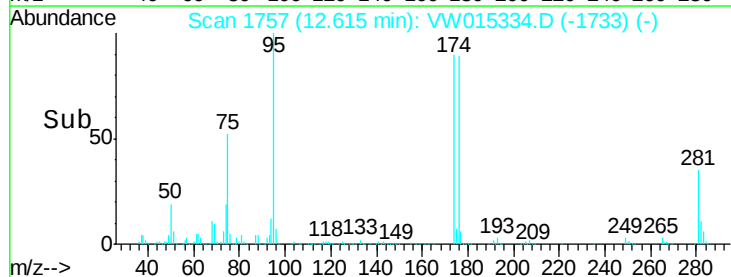
#76

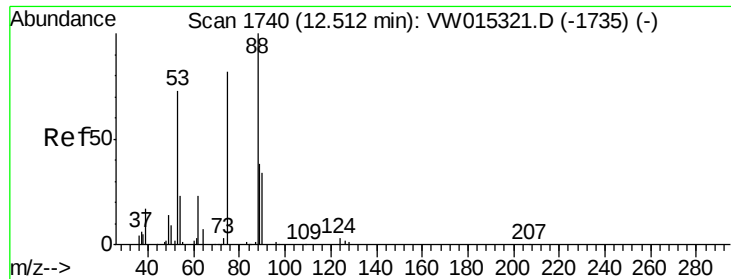
1,2,3-Trichloropropane
Concen: 65.472 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015334.D
Acq: 24 Apr 2020 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

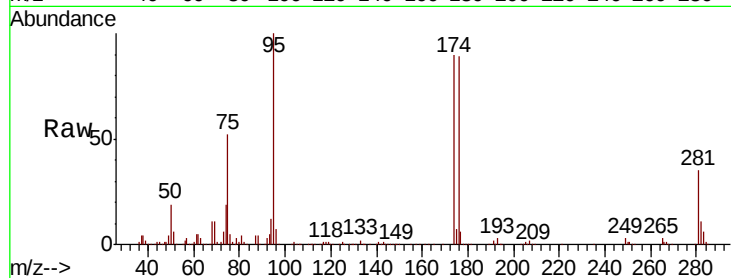




#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.122 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015334.D
 Acq: 24 Apr 2020 11:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 61979
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.2#
 89 0.3 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

