

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015246.D
 Acq On : 21 Apr 2020 01:10
 Operator : SY/VA
 Sample : L2345-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T-1A

Quant Time: Apr 21 07:01:10 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

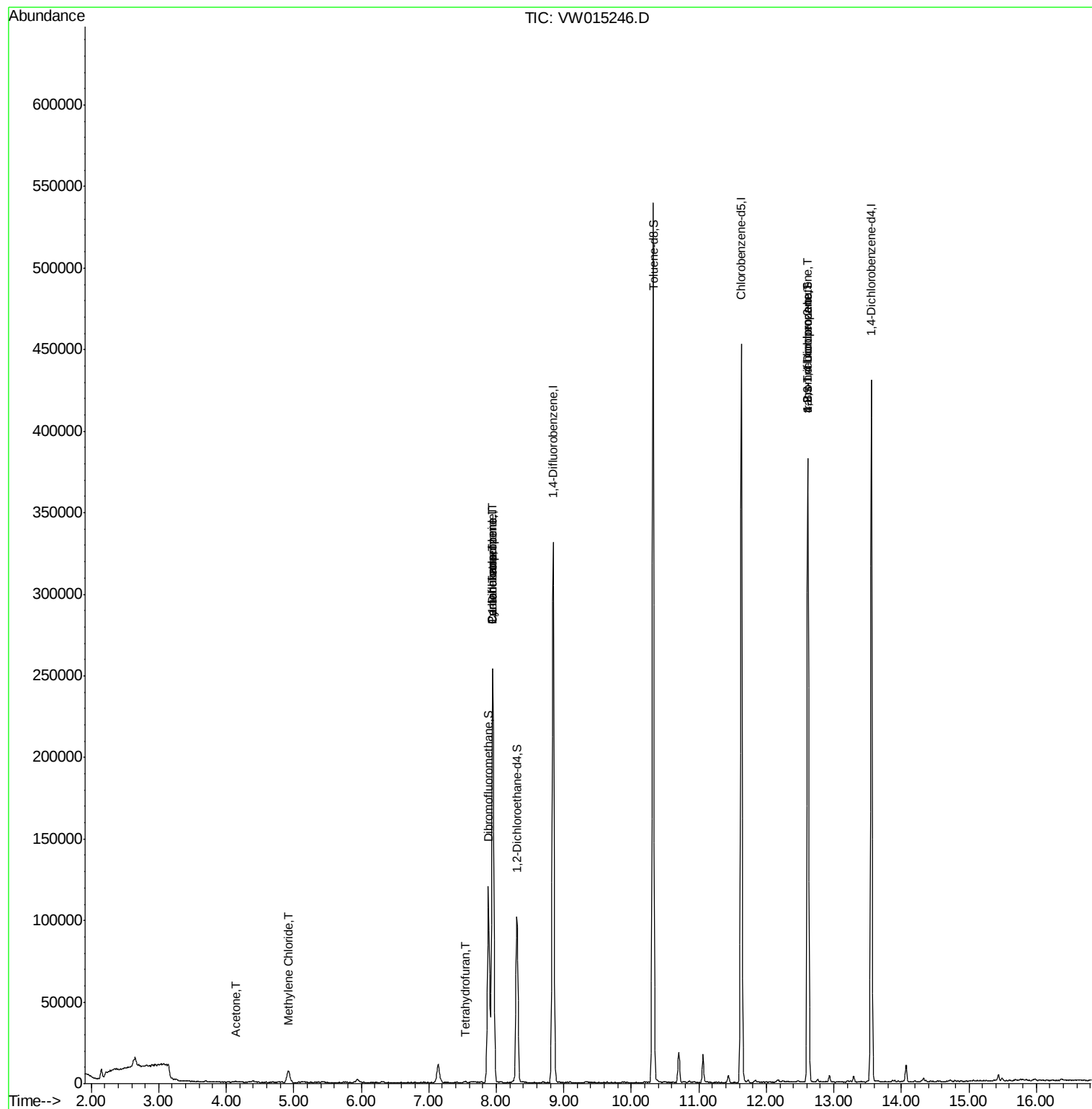
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	121192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80577	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
35) Dibromofluoromethane	7.88	113	84359	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	10.32	98	361263	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.62	95	120883	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
16) Acetone	4.14	43	905	2.983	ug/l	90
20) Methylene Chloride	4.92	84	6054	3.044	ug/l #	82
29) Tetrahydrofuran	7.54	42	434	1.730	ug/l #	65
31) Cyclohexane	7.95	56	4356	1.356	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13622	5.081	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18669	6.373	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	60624	64.662	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60624	141.352	ug/l #	15

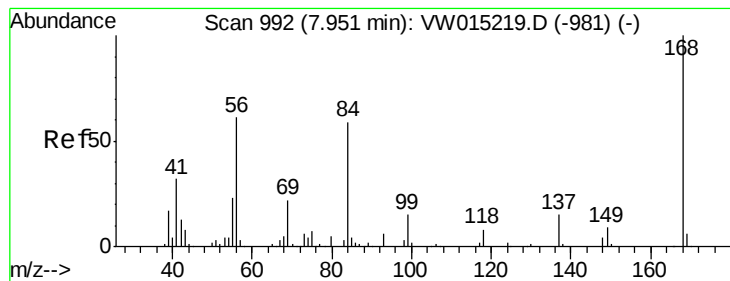
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015246.D
Acq On : 21 Apr 2020 01:10
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Quant Time: Apr 21 07:01:10 2020
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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: VW015246.D

Acq: 21 Apr 2020 01:10

Instrument :

MSVOA_W

ClientSampled :

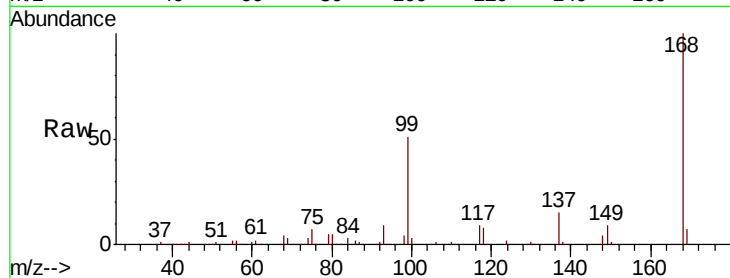
T-1A

Tot Ion:168 Resp: 212439

Ion Ratio Lower Upper

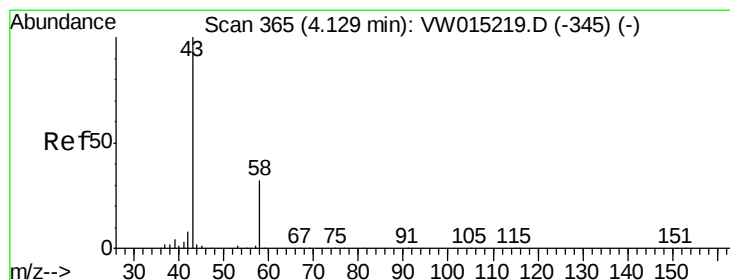
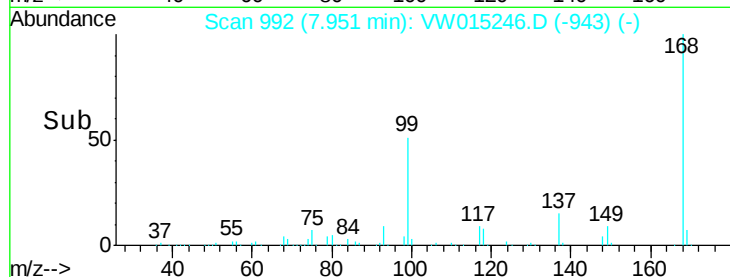
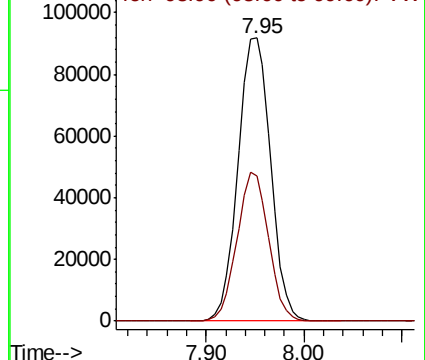
168 100

99 51.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.983 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015246.D

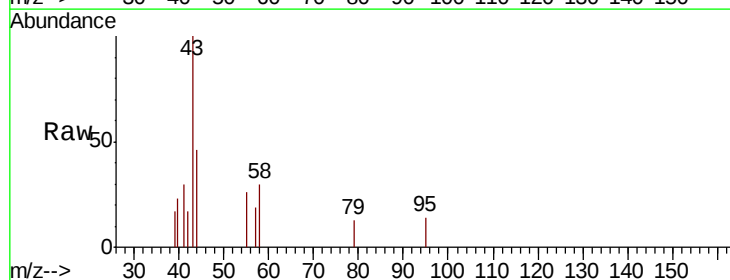
Acq: 21 Apr 2020 01:10

Tgt Ion: 43 Resp: 905

Ion Ratio Lower Upper

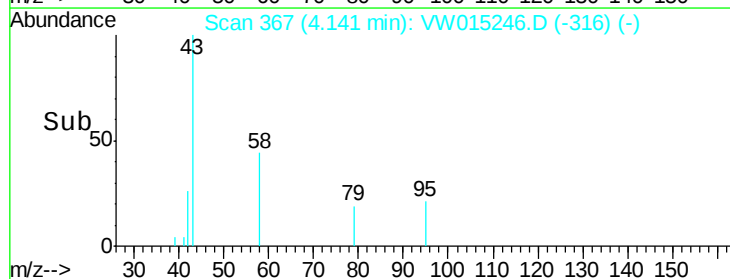
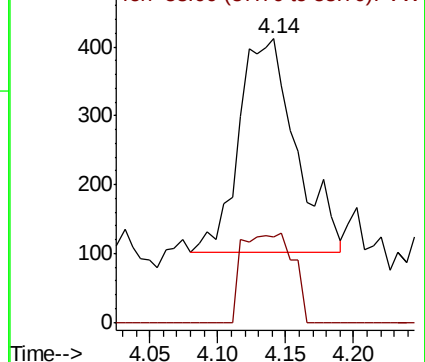
43 100

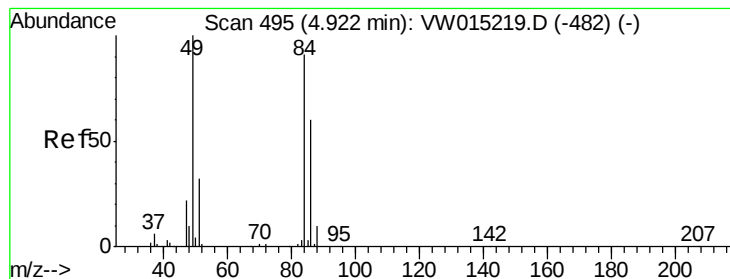
58 39.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 3.044 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW015246.D

Acq: 21 Apr 2020 01:10

Instrument :

MSVOA_W

ClientSampleId :

T-1A

Tot Ion: 84 Resp: 6054

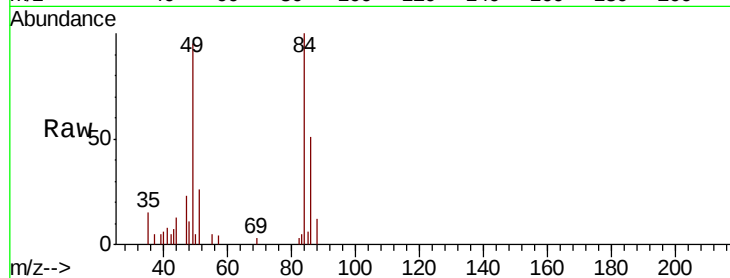
Ion Ratio Lower Upper

84 100

49 95.0 95.4 143.0#

51 25.8 29.8 44.8#

86 51.3 47.4 71.0

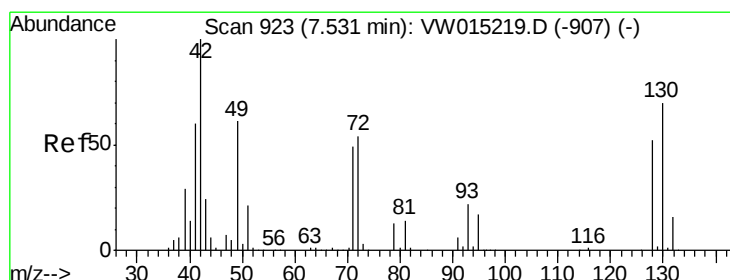
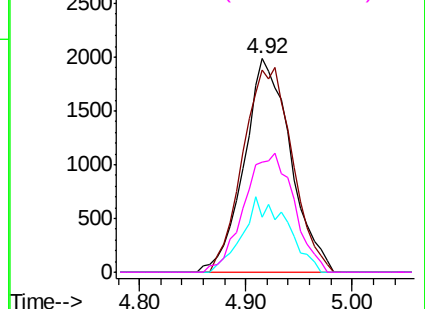
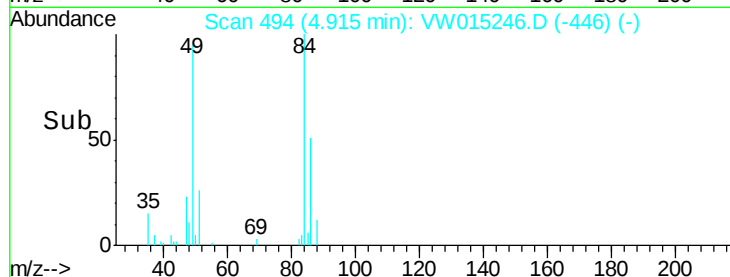


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 1.730 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW015246.D

Acq: 21 Apr 2020 01:10

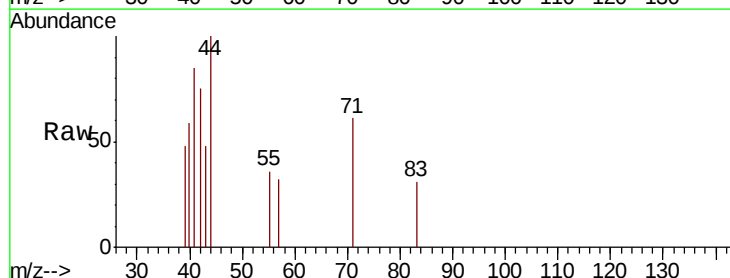
Tgt Ion: 42 Resp: 434

Ion Ratio Lower Upper

42 100

72 4.6 36.2 54.2#

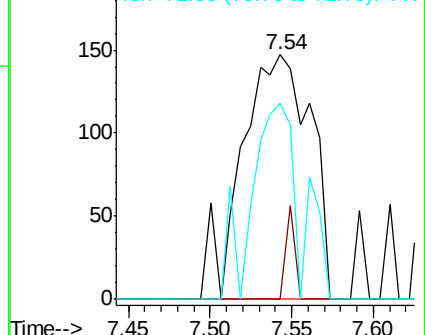
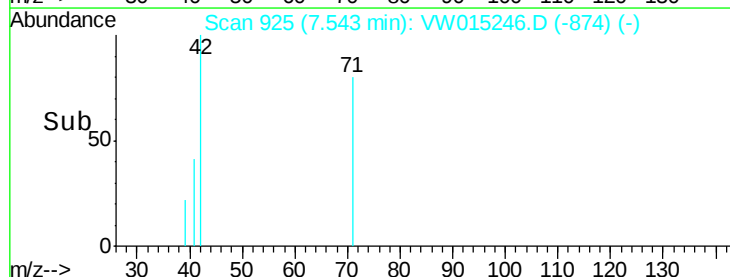
71 46.8 34.2 51.4

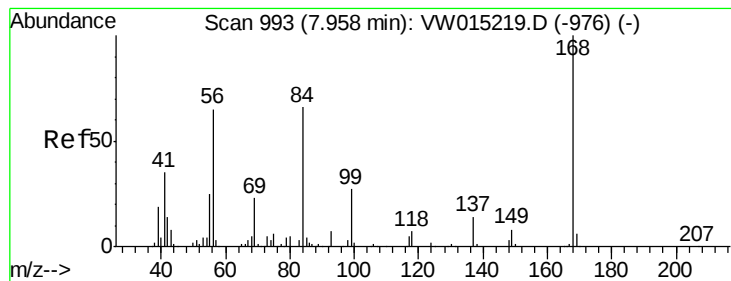


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.356 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015246.D

Acq: 21 Apr 2020 01:10

Instrument :

MSVOA_W

ClientSampled :

T-1A

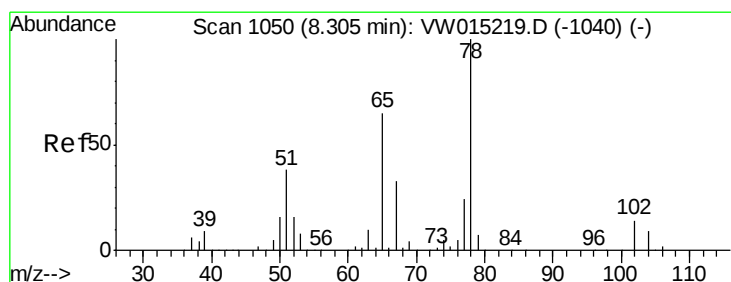
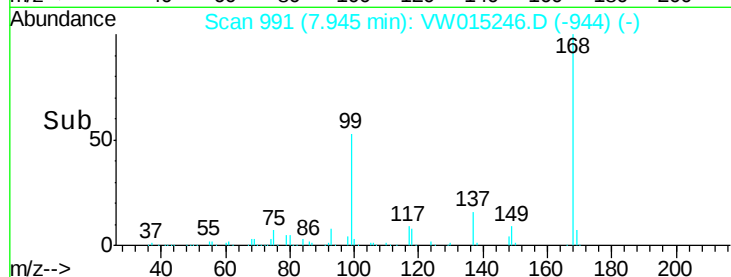
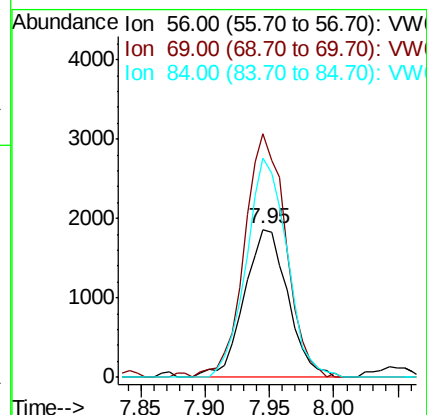
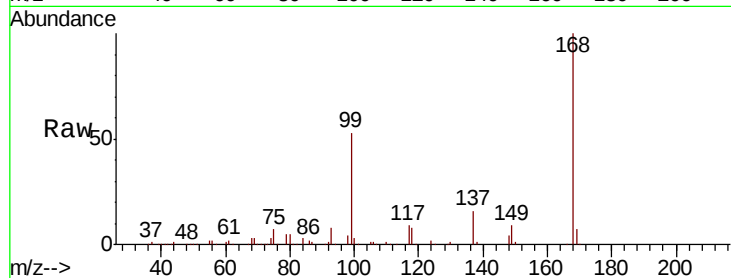
Tot Ion: 56 Resp: 4356

Ion Ratio Lower Upper

56 100

69 164.5 27.1 40.7#

84 148.1 71.9 107.9#



#33

1,2-Dichloroethane-d4

Concen: 46.383 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015246.D

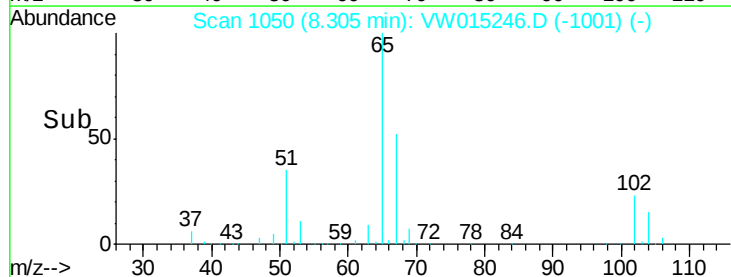
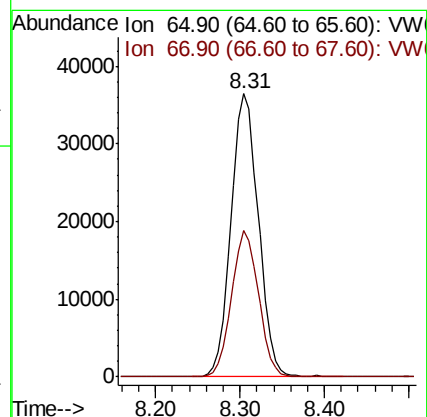
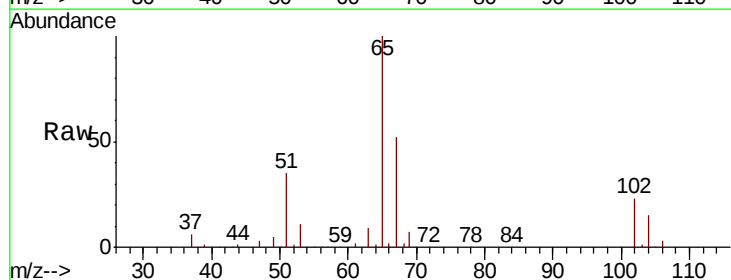
Acq: 21 Apr 2020 01:10

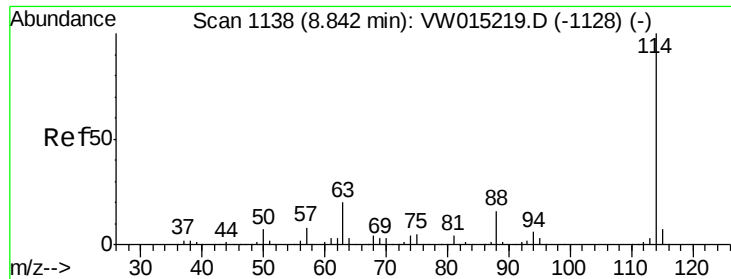
Tgt Ion: 65 Resp: 80577

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.0

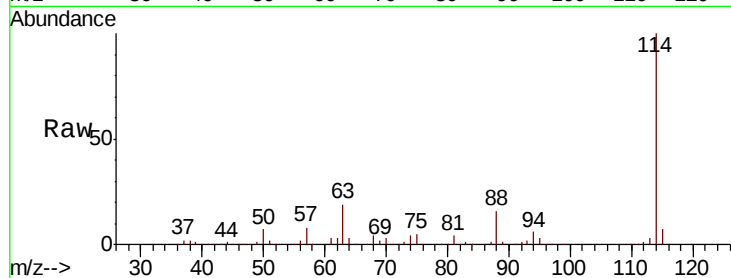




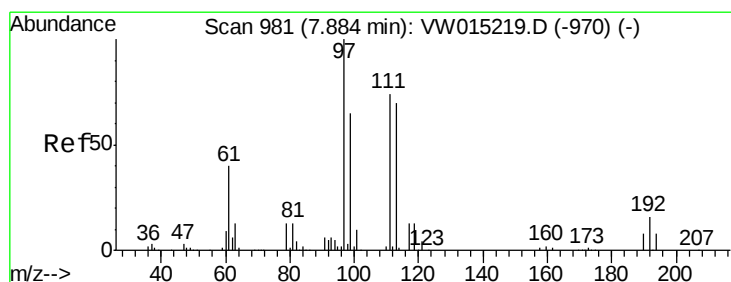
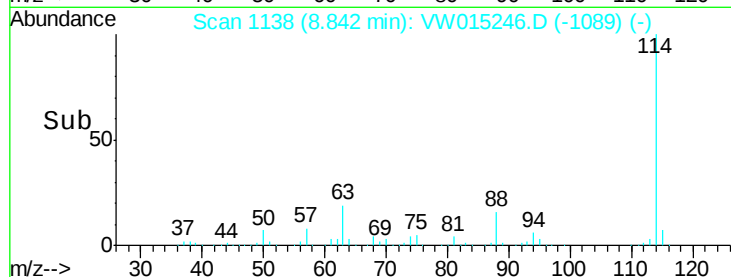
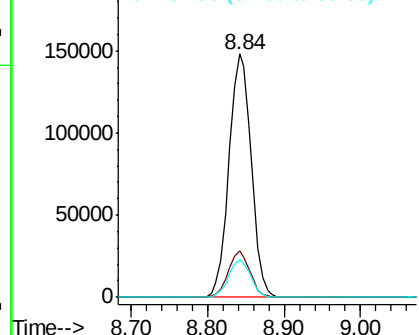
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015246.D
 Acq: 21 Apr 2020 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 T-1A

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.8
88	15.6	0.0	30.2

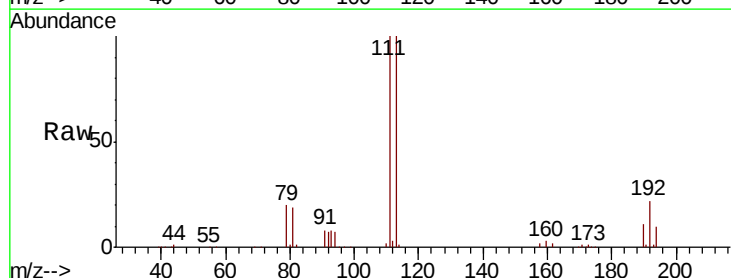


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

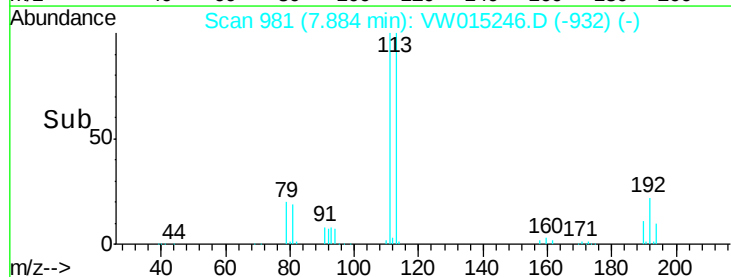
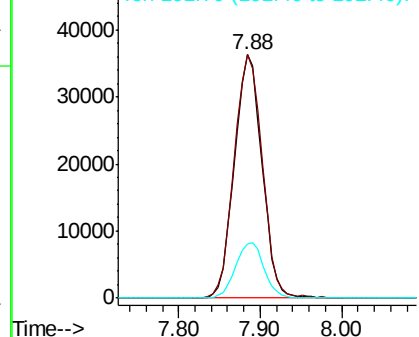


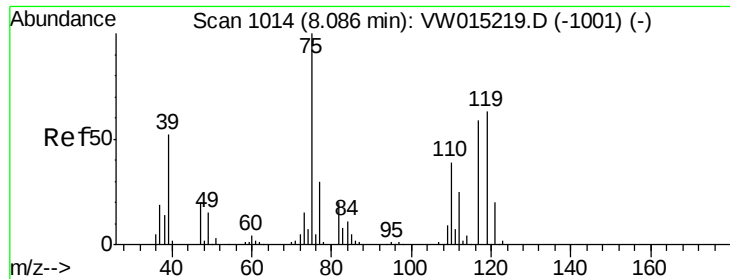
#35
 Dibromofluoromethane
 Concen: 51.275 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015246.D
 Acq: 21 Apr 2020 01:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	23.4	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

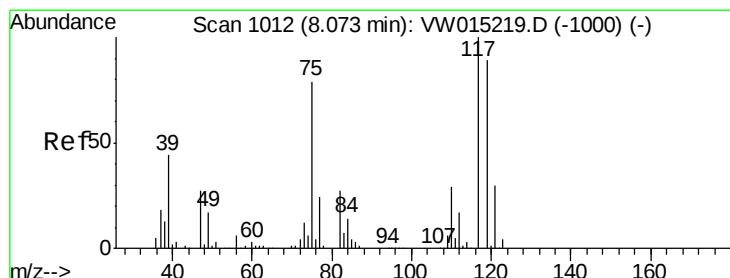
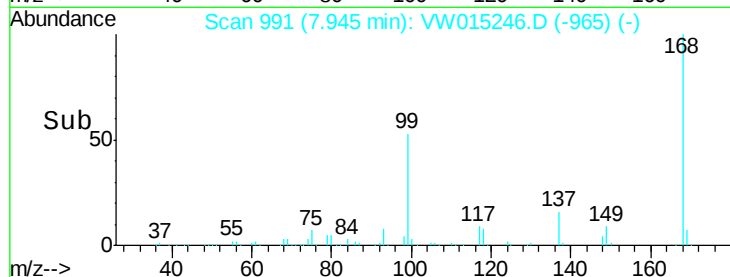
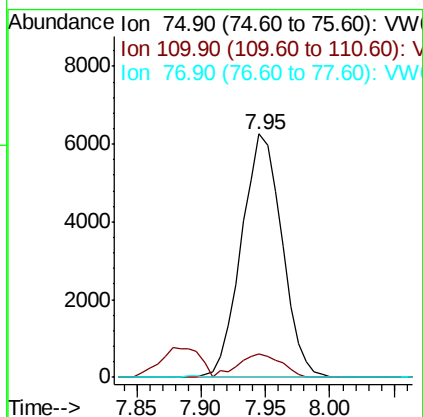
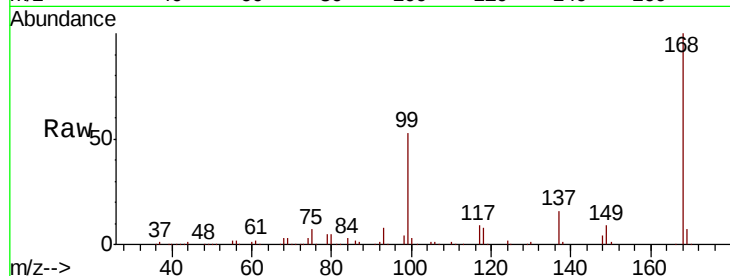




#36
 1,1-Dichloropropene
 Concen: 5.081 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015246.D
 Acq: 21 Apr 2020 01:10

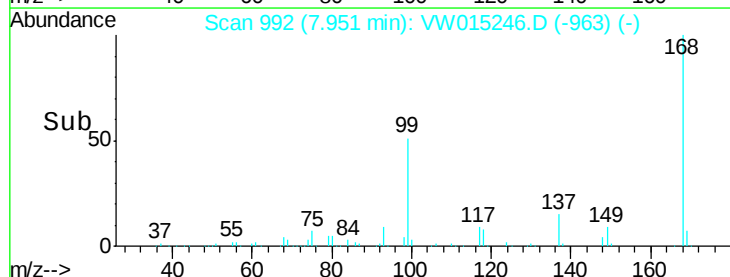
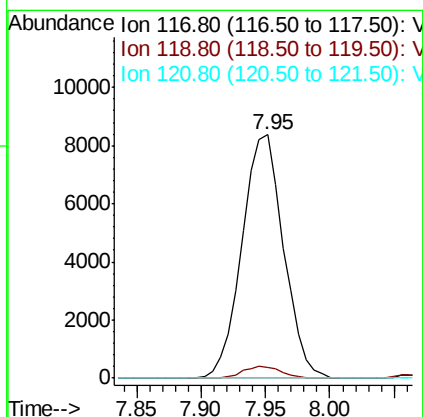
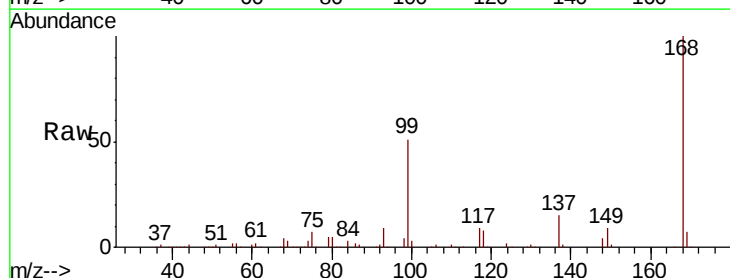
Instrument :
 MSVOA_W
 ClientSampleId :
 T-1A

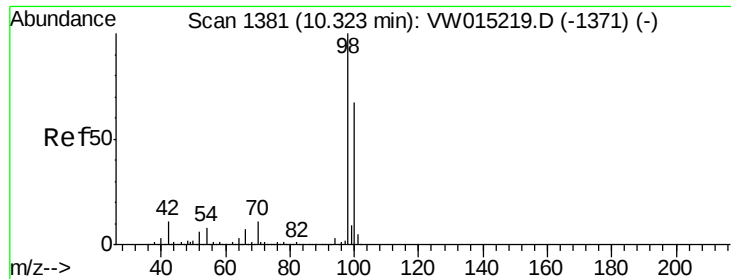
Tot Ion	75	Resp	13622
Ion Ratio	100	Lower	Upper
75	100		
110	9.4	18.2	54.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.373 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015246.D
 Acq: 21 Apr 2020 01:10

Tgt Ion	117	Resp	18669
Ion Ratio	100	Lower	Upper
117	100		
119	4.6	72.3	108.5#
121	0.0	23.7	35.5#

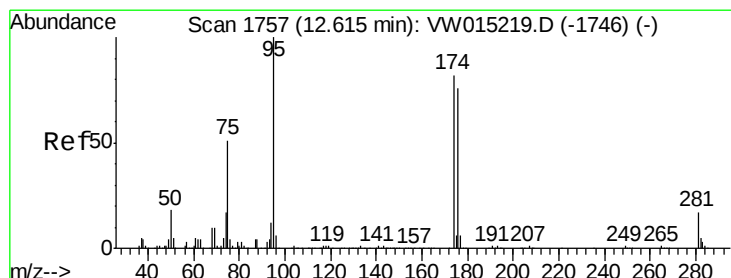
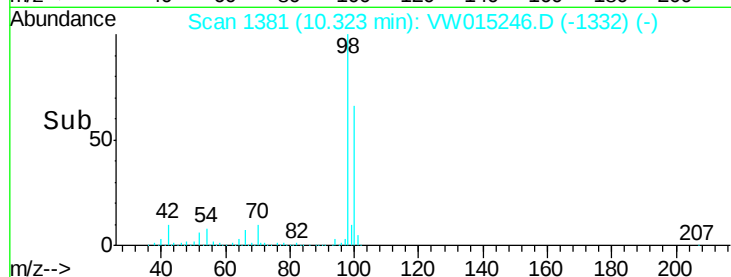
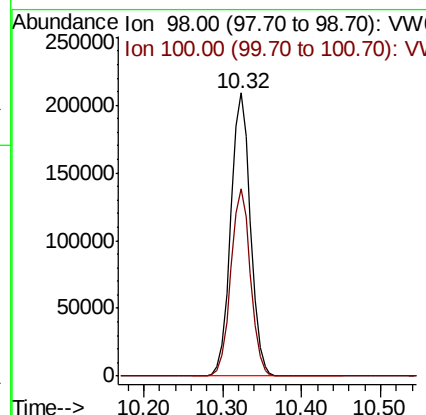
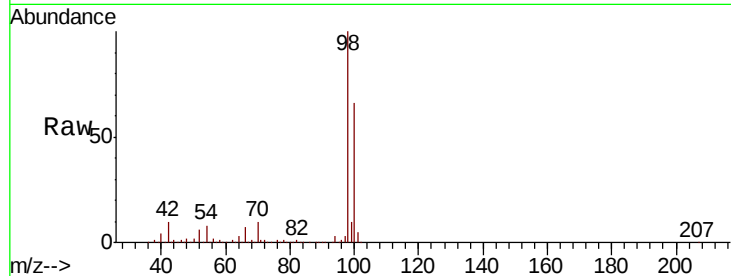




#50
Toluene-d8
Concen: 52.198 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015246.D
Acq: 21 Apr 2020 01:10

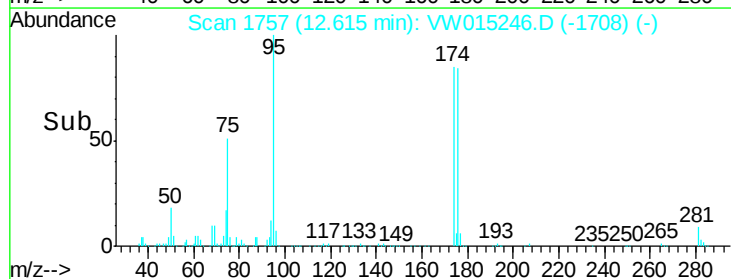
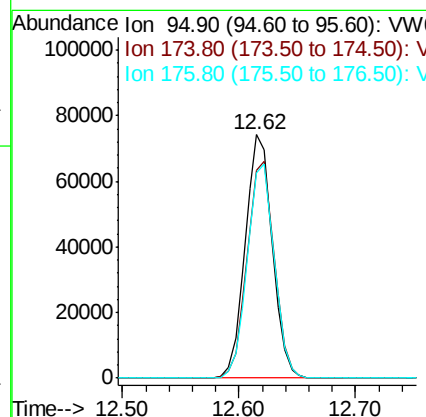
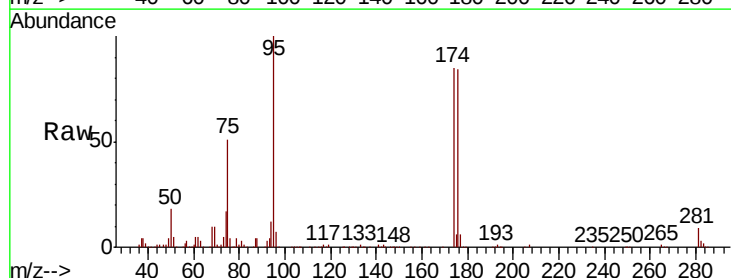
Instrument :
MSVOA_W
ClientSampleId :
T-1A

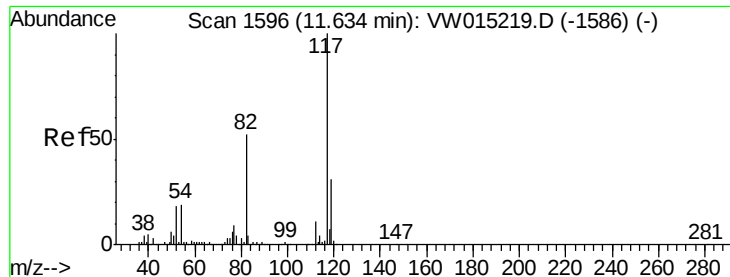
Tot Ion: 98 Resp: 361263
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.777 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015246.D
Acq: 21 Apr 2020 01:10

Tgt Ion: 95 Resp: 120883
Ion Ratio Lower Upper
95 100
174 89.6 0.0 144.4
176 87.8 0.0 140.6

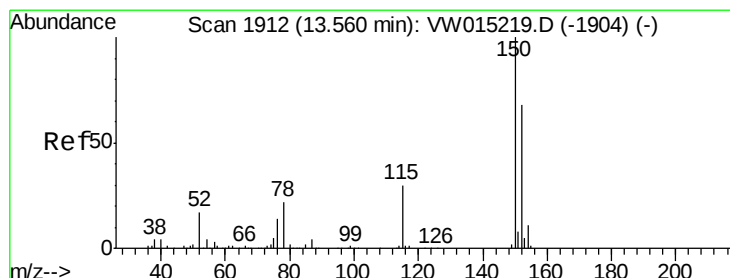
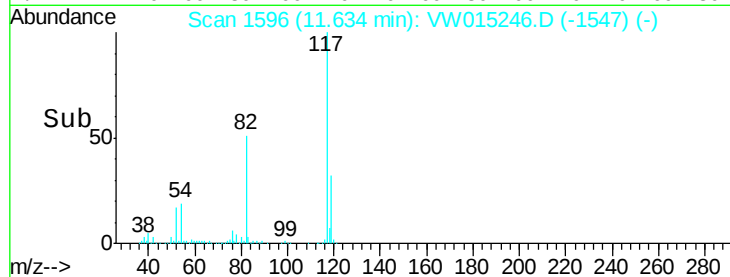
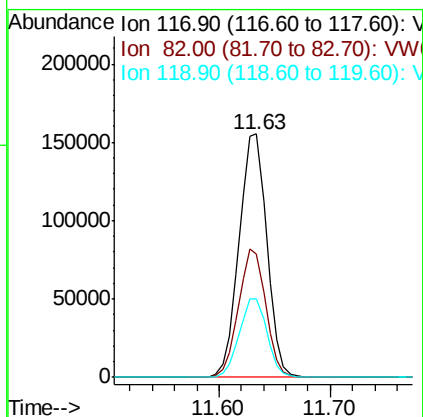
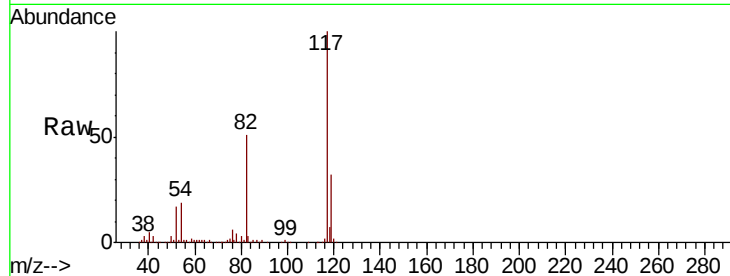




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015246.D
Acq: 21 Apr 2020 01:10

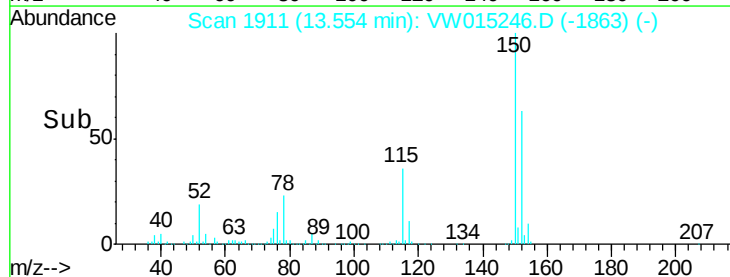
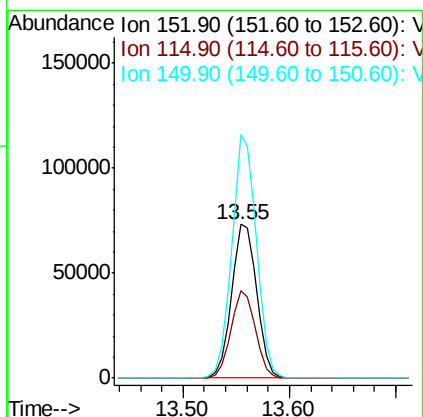
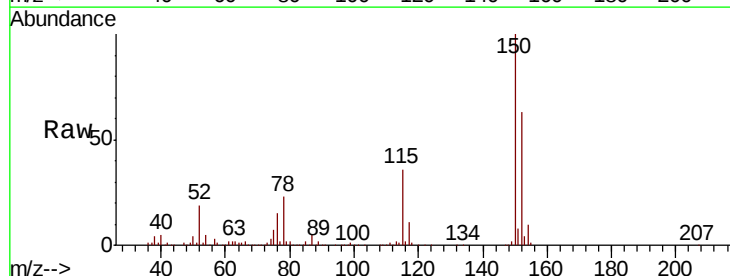
Instrument :
MSVOA_W
ClientSampled :
T-1A

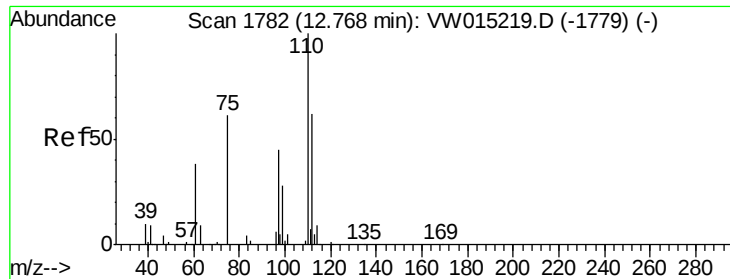
Tot Ion:117 Resp: 269504
Ion Ratio Lower Upper
117 100
82 50.5 44.1 66.1
119 32.1 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015246.D
Acq: 21 Apr 2020 01:10

Tgt Ion:152 Resp: 121192
Ion Ratio Lower Upper
152 100
115 55.4 31.3 93.9
150 154.9 0.0 343.4

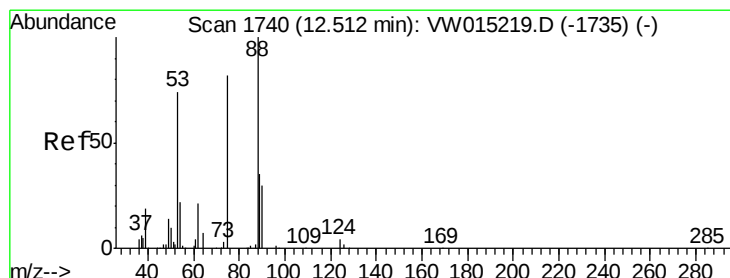
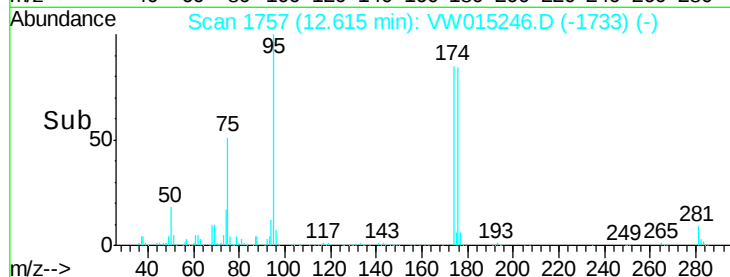
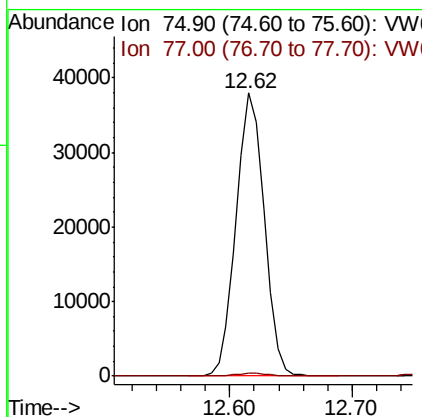
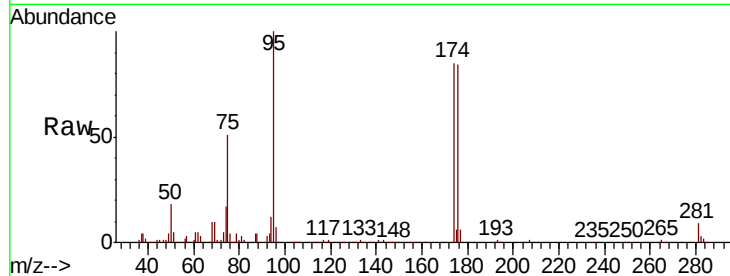




#76
 1,2,3-Trichloropropane
 Concen: 64.662 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW015246.D
 Acq: 21 Apr 2020 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 T-1A

Tot Ion: 75 Resp: 60624
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.352 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015246.D
 Acq: 21 Apr 2020 01:10

Tgt Ion: 75 Resp: 60624
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.2#
 89 0.0 34.8 52.2#

