

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
 Data File : VW012273.D
 Acq On : 29 Aug 2019 01:10
 Operator : SY/VA
 Sample : K4543-06
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D2

Quant Time: Aug 29 06:52:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	455030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147402	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	167602	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.88	113	135451	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	10.32	98	564660	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.62	95	177971	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	

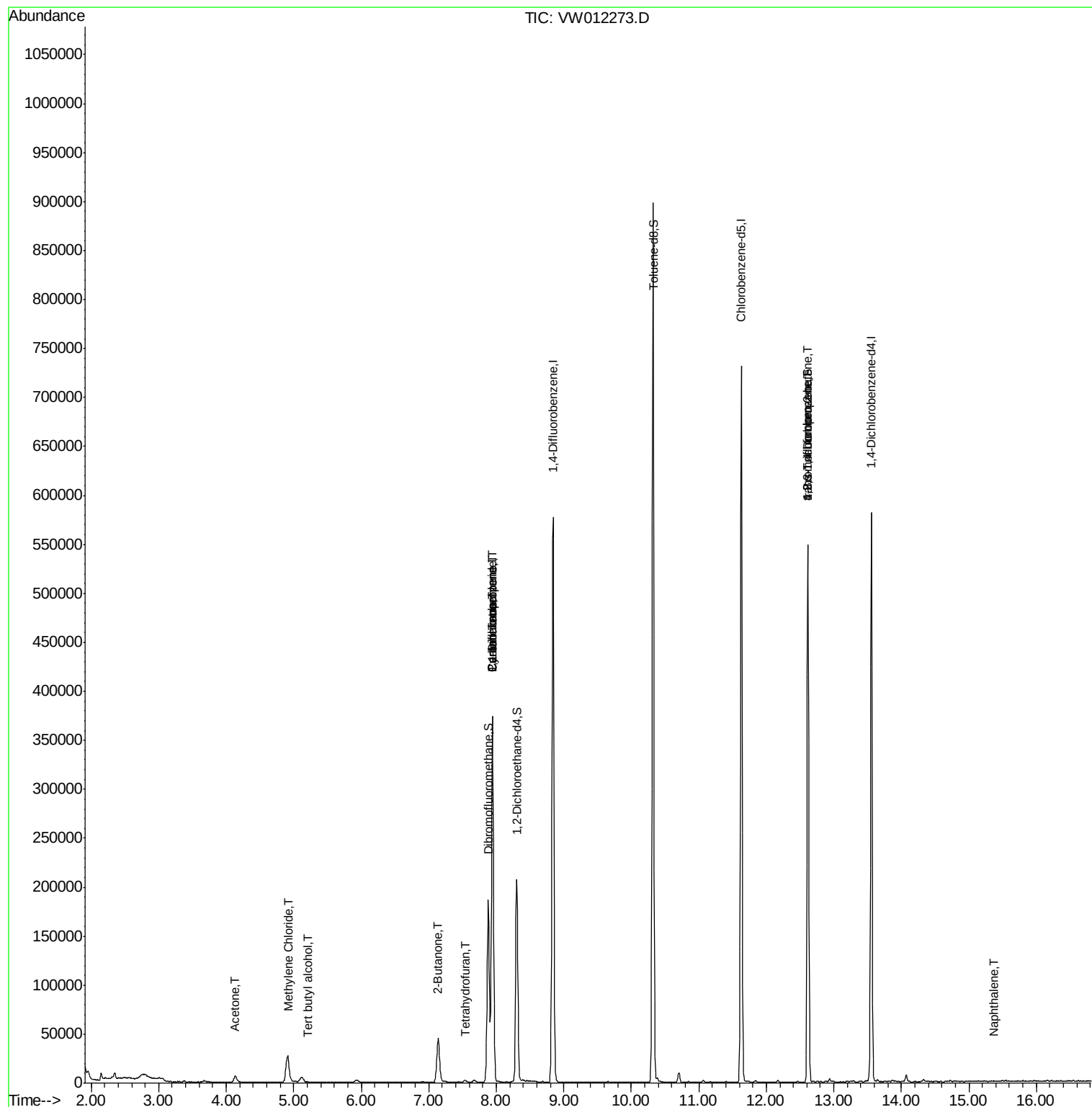
Target Compounds					Qvalue
11) Tert butyl alcohol	5.20	59	336	1.729 ug/l #	71
16) Acetone	4.14	43	12798	15.505 ug/l	93
20) Methylene Chloride	4.91	84	19096	6.120 ug/l	99
25) 2-Butanone	7.14	43	3179	2.834 ug/l #	91
29) Tetrahydrofuran	7.54	42	1563	2.323 ug/l #	74
31) Cyclohexane	7.95	56	6674	1.147 ug/l #	1
36) 1,1-Dichloropropene	7.95	75	23945	5.092 ug/l #	52
38) Carbon Tetrachloride	7.95	117	27428	6.739 ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	94681	65.953 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	94681	144.604 ug/l #	6
95) Naphthalene	15.38	128	557	4.413 ug/l #	92

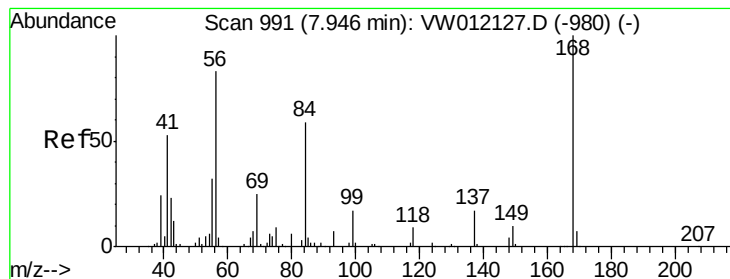
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
Data File : VW012273.D
Acq On : 29 Aug 2019 01:10
Operator : SY/VA
Sample : K4543-06
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2-D2

Quant Time: Aug 29 06:52:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012273.D

Acq: 29 Aug 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

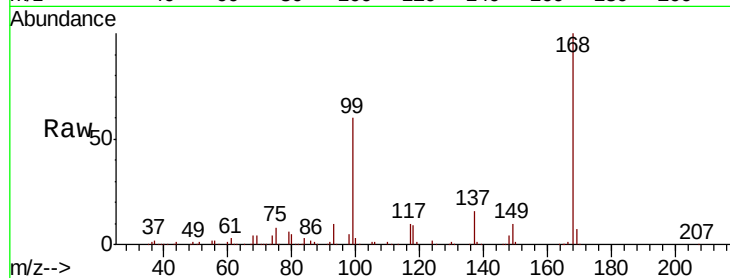
TP-2-D2

Tgt Ion: 168 Resp: 271638

Ion Ratio Lower Upper

168 100

99 59.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

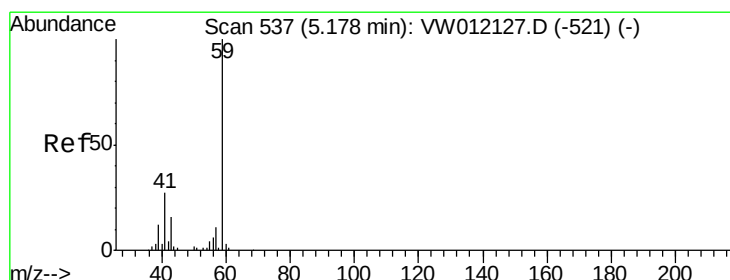
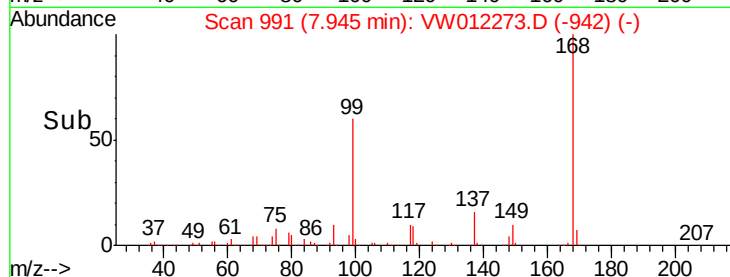
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.729 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.02 min

Lab File: VW012273.D

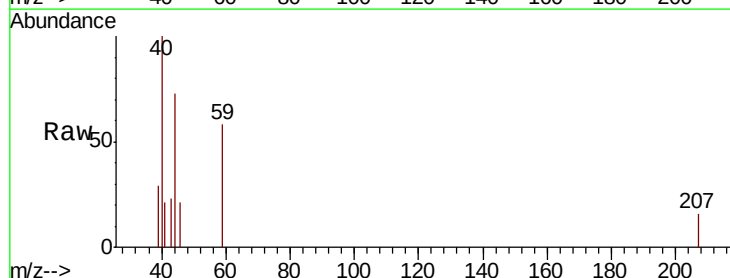
Acq: 29 Aug 2019 01:10

Tgt Ion: 59 Resp: 336

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

300

250

200

150

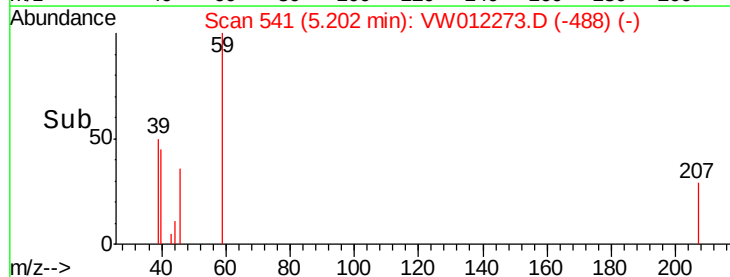
100

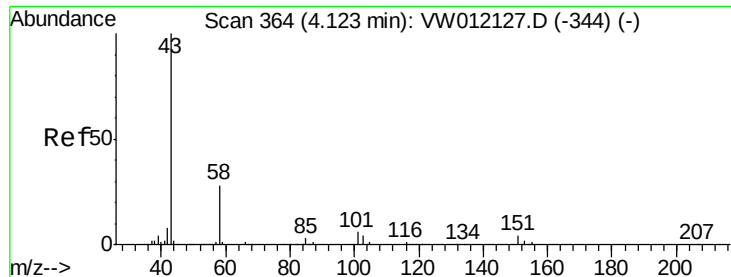
50

0

5.18 5.20 5.22

Time-->

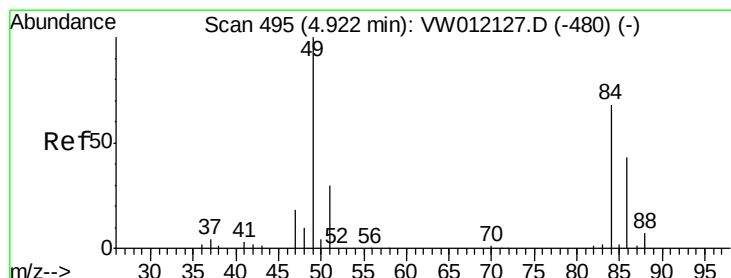
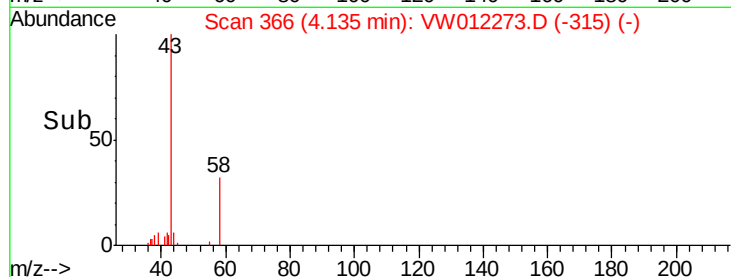
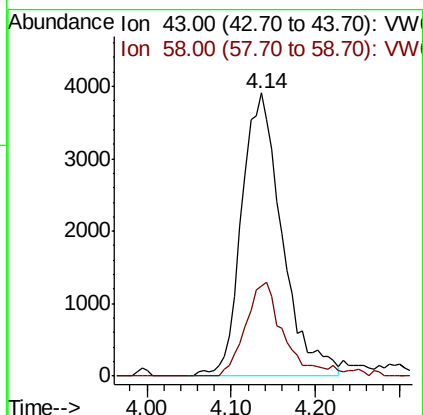
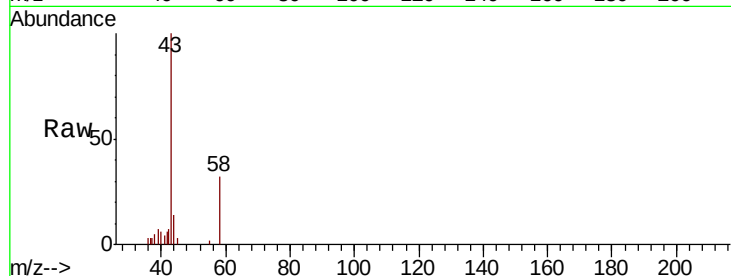




#16
Acetone
Concen: 15.505 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW012273.D
Acq: 29 Aug 2019 01:10

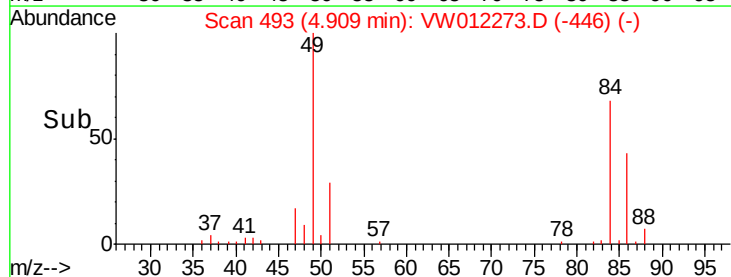
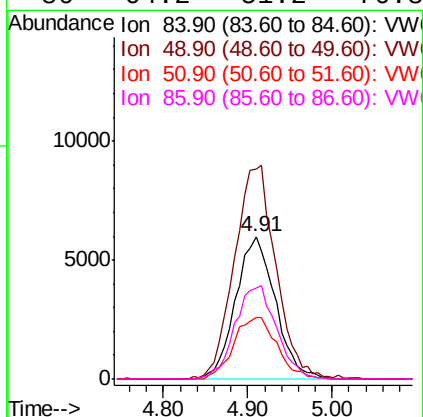
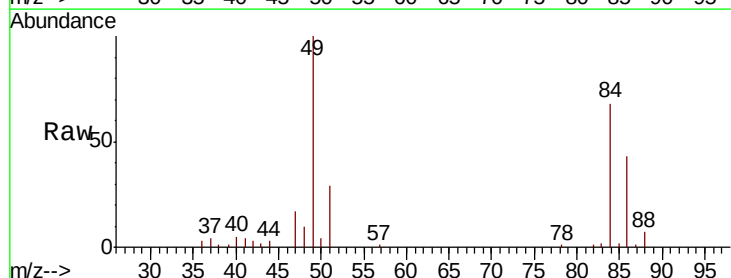
Instrument :
MSVOA_W
ClientSampleId :
TP-2-D2

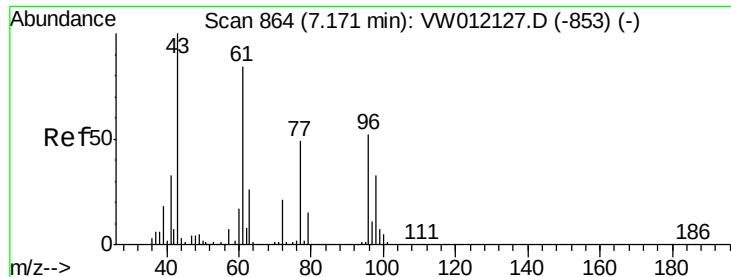
Tgt Ion: 43 Resp: 12798
Ion Ratio Lower Upper
43 100
58 31.9 22.4 33.6



#20
Methylene Chloride
Concen: 6.120 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012273.D
Acq: 29 Aug 2019 01:10

Tgt Ion: 84 Resp: 19096
Ion Ratio Lower Upper
84 100
49 147.8 117.8 176.8
51 43.1 35.6 53.4
86 64.2 51.2 76.8





#25

2-Butanone

Concen: 2.834 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW012273.D

Acq: 29 Aug 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

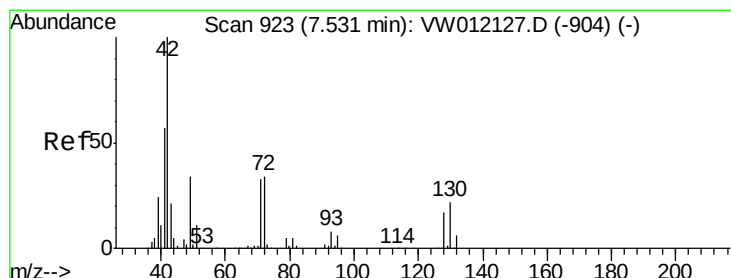
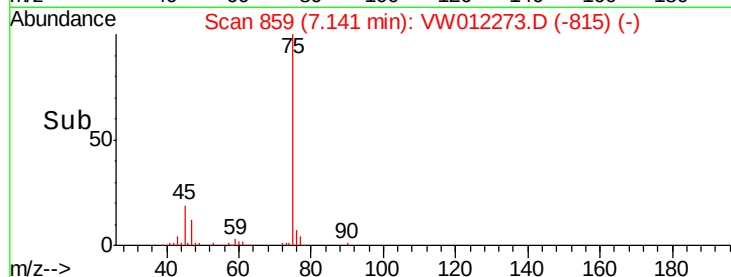
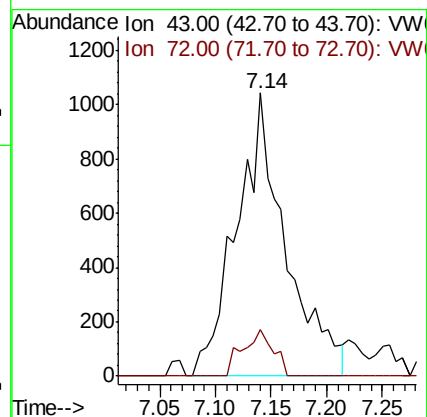
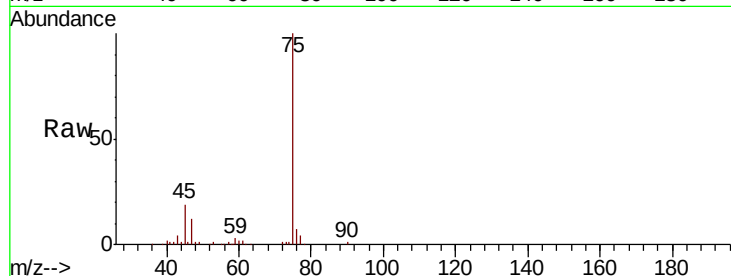
TP-2-D2

Tgt Ion: 43 Resp: 3179

Ion Ratio Lower Upper

43 100

72 16.3 16.6 24.8#



#29

Tetrahydrofuran

Concen: 2.323 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012273.D

Acq: 29 Aug 2019 01:10

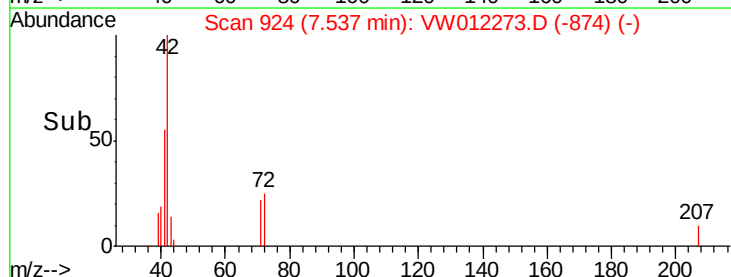
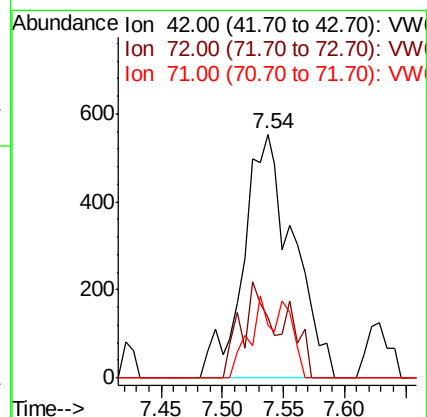
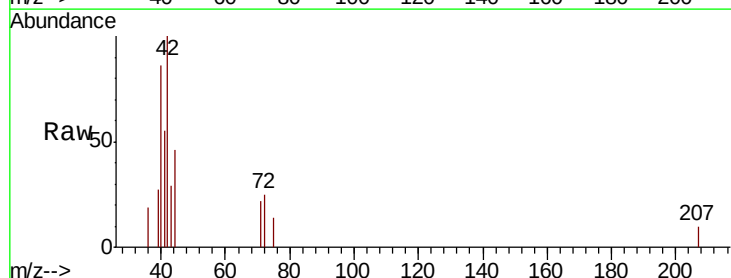
Tgt Ion: 42 Resp: 1563

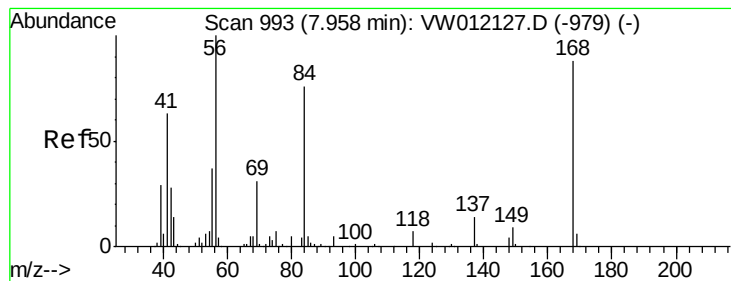
Ion Ratio Lower Upper

42 100

72 21.4 27.3 40.9#

71 15.1 25.5 38.3#





#31

Cyclohexane

Concen: 1.147 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012273.D

Acq: 29 Aug 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

TP-2-D2

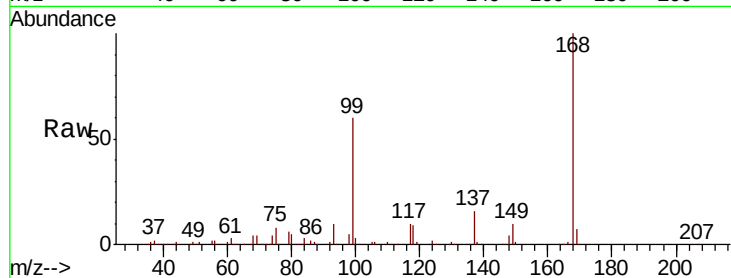
Tgt Ion: 56 Resp: 6674

Ion Ratio Lower Upper

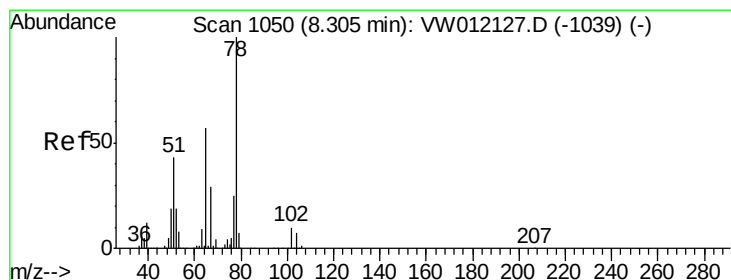
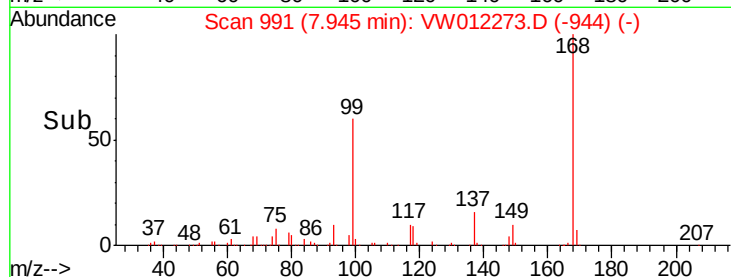
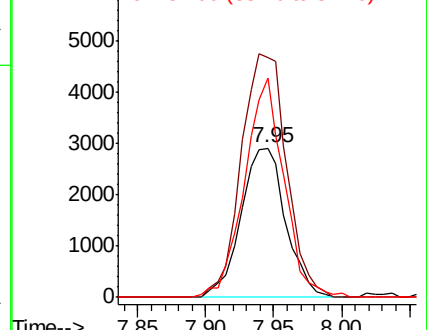
56 100

69 160.9 24.9 37.3#

84 147.4 60.6 90.8#



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: 51.903 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012273.D

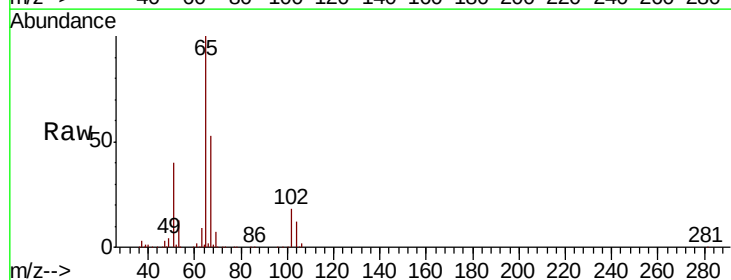
Acq: 29 Aug 2019 01:10

Tgt Ion: 65 Resp: 167602

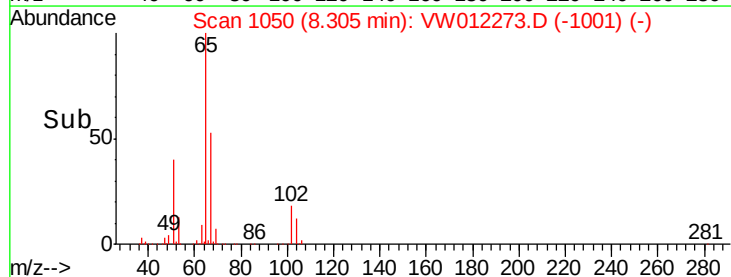
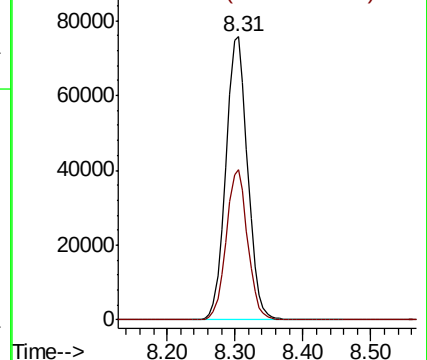
Ion Ratio Lower Upper

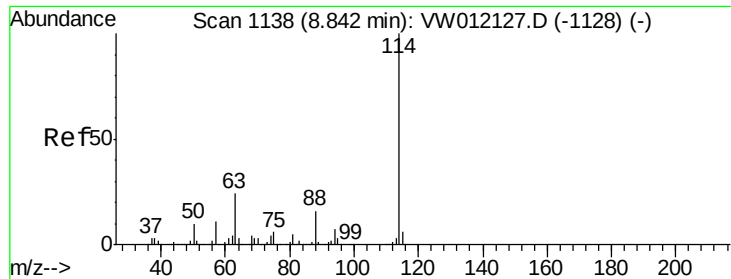
65 100

67 52.2 0.0 102.6



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

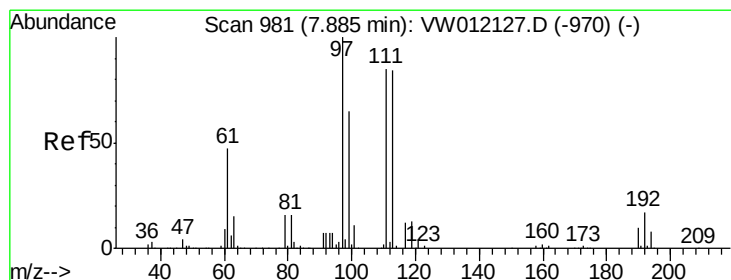
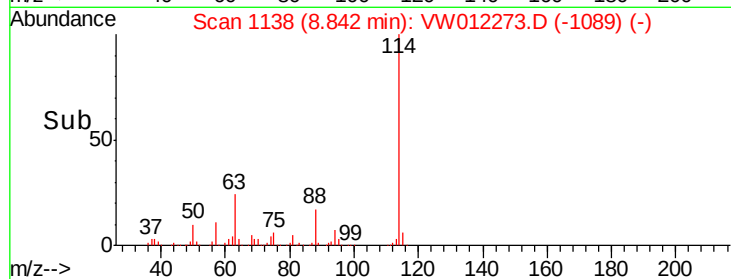
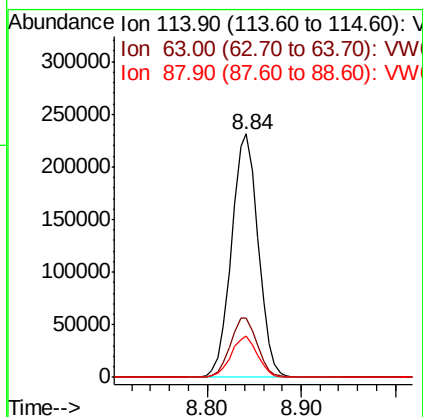
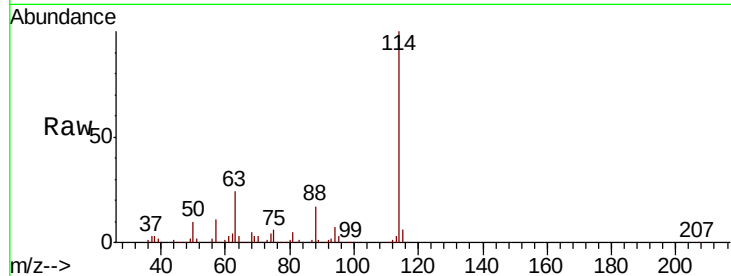




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012273.D
 Acq: 29 Aug 2019 01:10

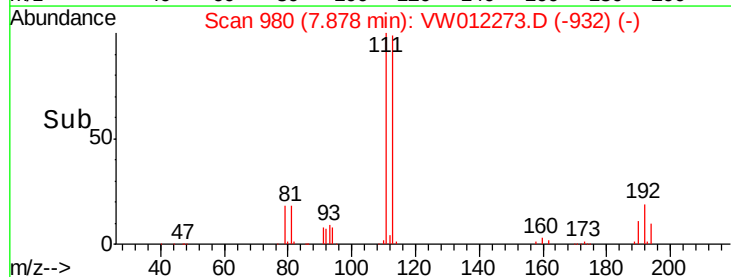
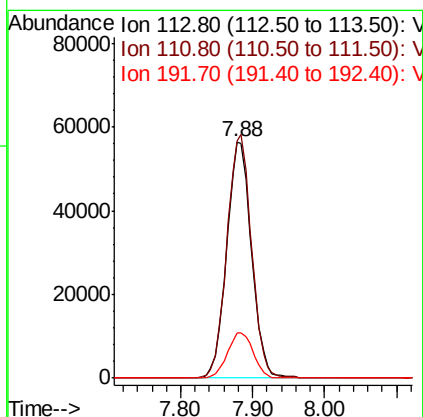
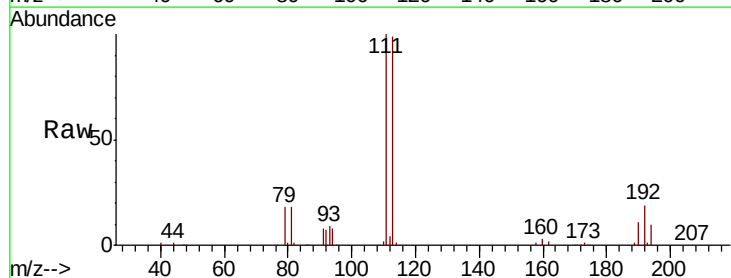
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D2

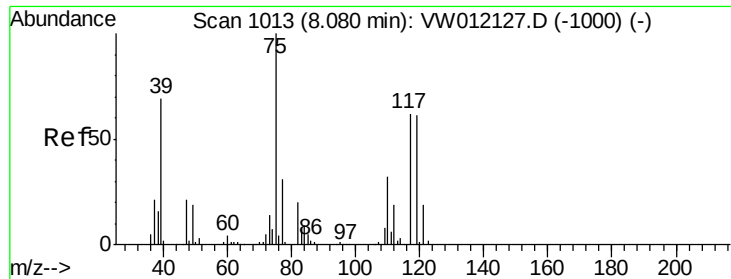
Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	48.6
88	17.0	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 49.870 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012273.D
 Acq: 29 Aug 2019 01:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	20.0	16.2	24.2

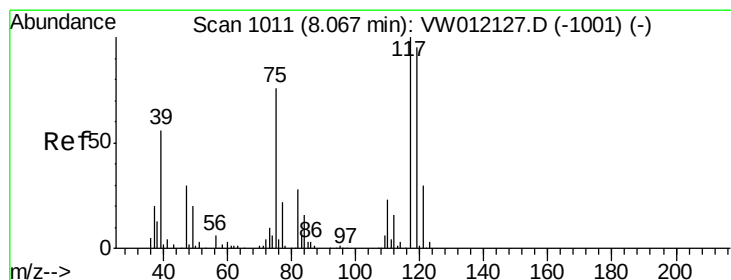
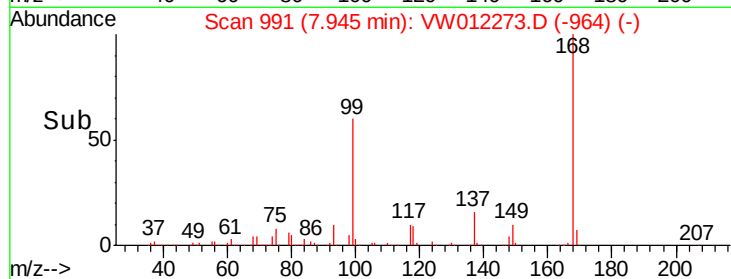
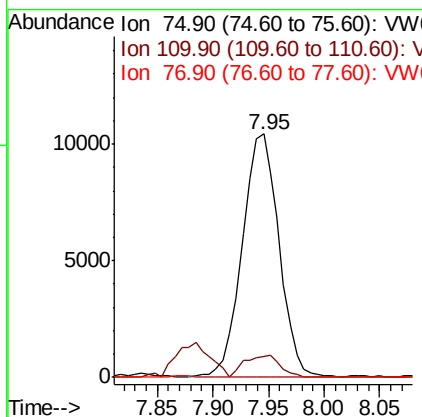
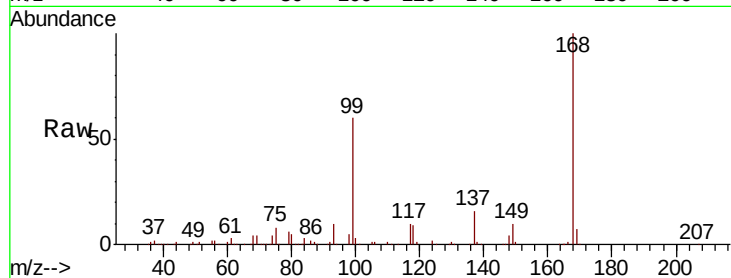




#36
 1,1-Dichloropropene
 Concen: 5.092 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012273.D
 Acq: 29 Aug 2019 01:10

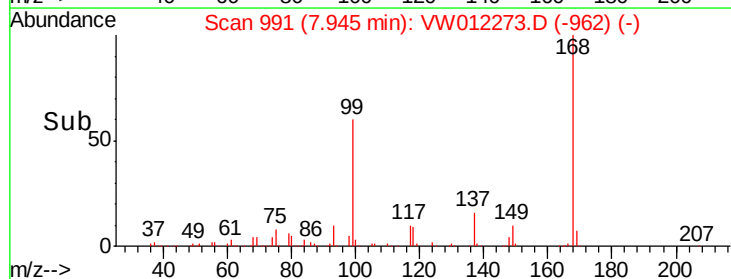
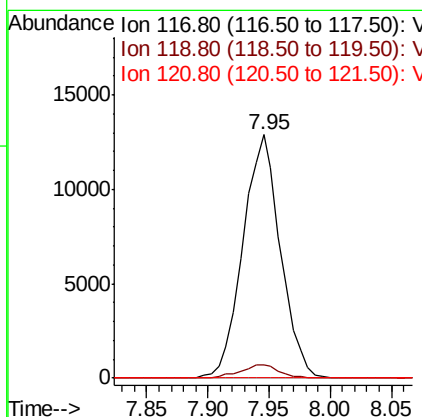
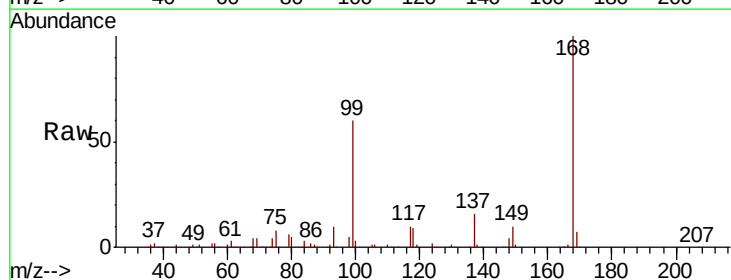
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D2

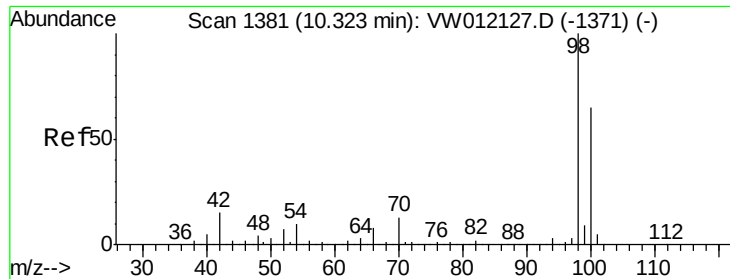
Tgt Ion: 75 Resp: 23945
 Ion Ratio Lower Upper
 75 100
 110 8.7 15.6 46.8#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.739 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012273.D
 Acq: 29 Aug 2019 01:10

Tgt Ion: 117 Resp: 27428
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.2 114.2#
 121 0.0 23.8 35.8#

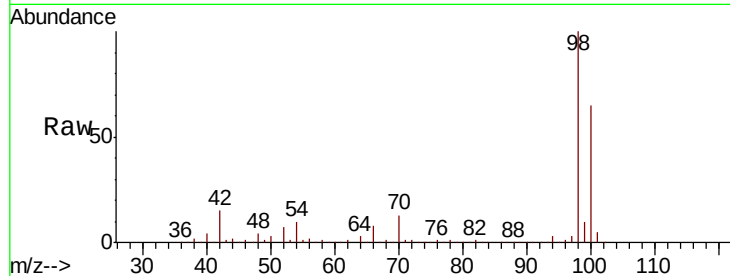




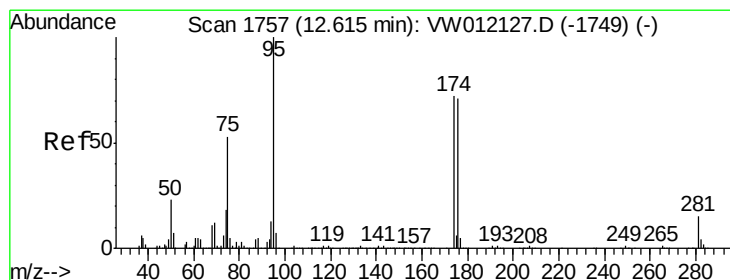
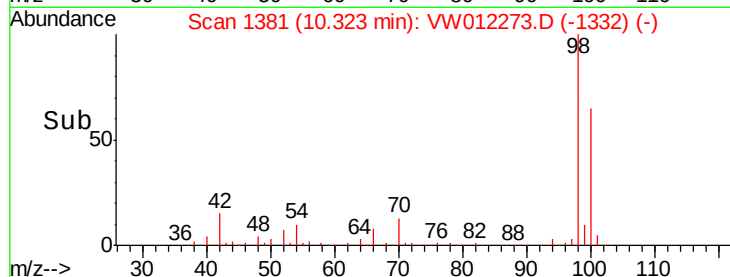
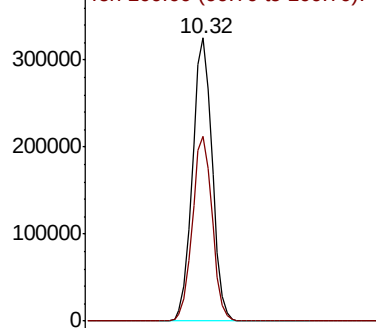
#50
Toluene-d8
Concen: 51.272 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012273.D
Acq: 29 Aug 2019 01:10

Instrument :
MSVOA_W
ClientSampleId :
TP-2-D2

Tgt Ion: 98 Resp: 564660
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

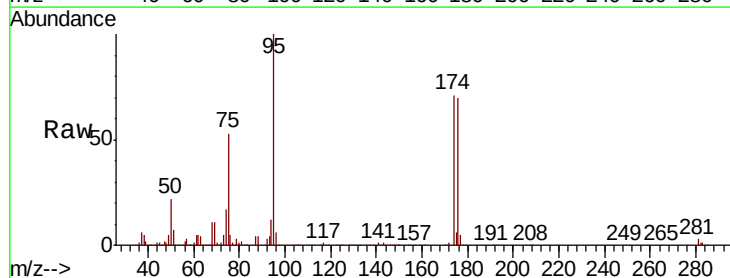


Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

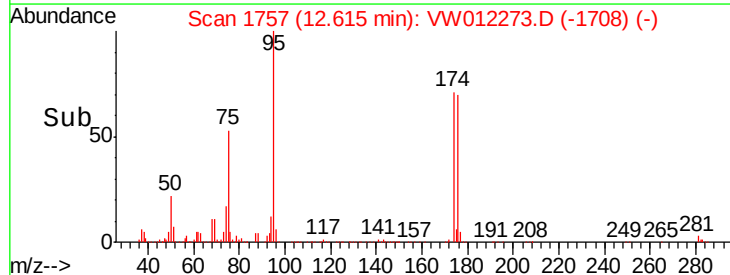
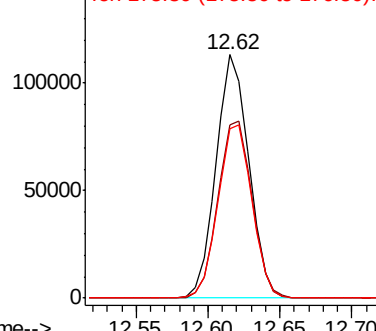


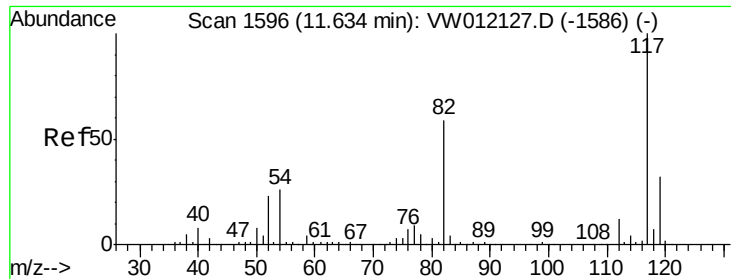
#62
4-Bromofluorobenzene
Concen: 45.845 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012273.D
Acq: 29 Aug 2019 01:10

Tgt Ion: 95 Resp: 177971
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.8
176 73.8 0.0 148.6



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

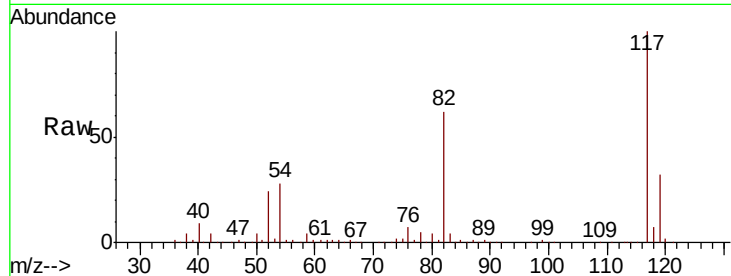




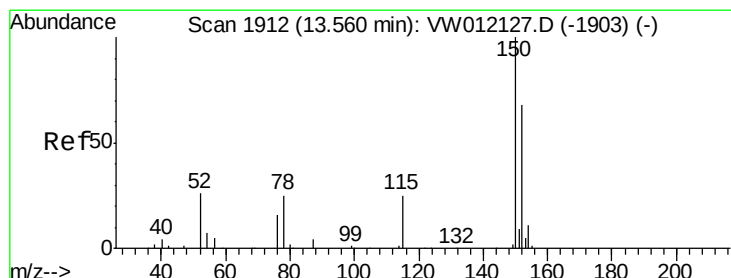
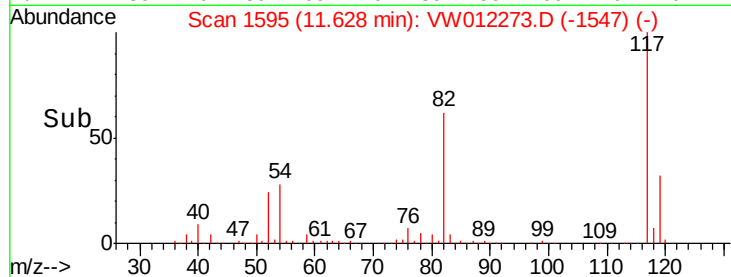
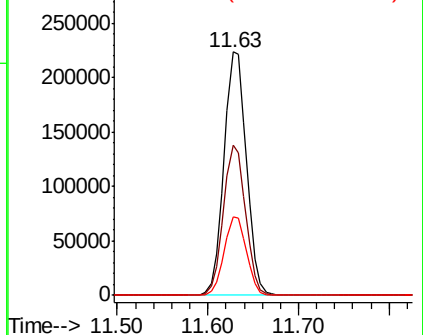
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: VW012273.D
 Acq: 29 Aug 2019 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D2

Tgt Ion:117 Resp: 385529
 Ion Ratio Lower Upper
 117 100
 82 61.5 47.4 71.2
 119 32.5 25.4 38.2

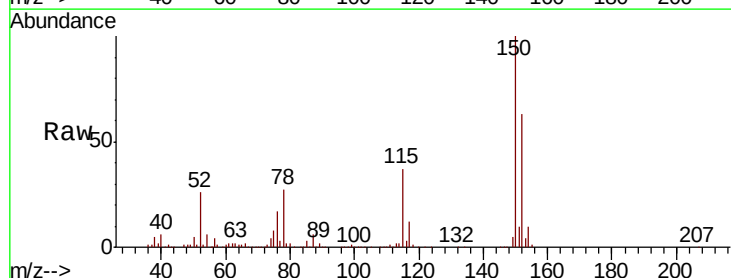


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

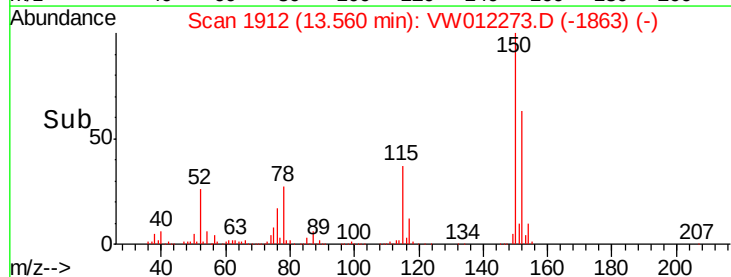
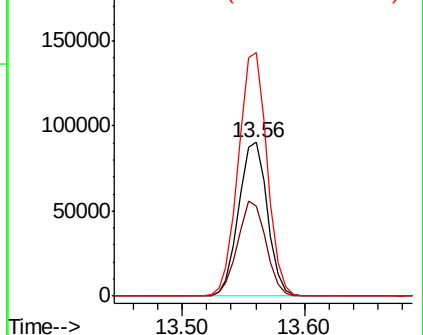


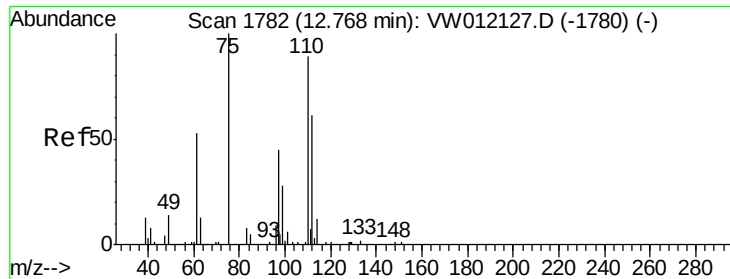
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012273.D
 Acq: 29 Aug 2019 01:10

Tgt Ion:152 Resp: 147402
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.1 90.3
 150 157.8 0.0 345.8



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: 65.953 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012273.D

Acq: 29 Aug 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

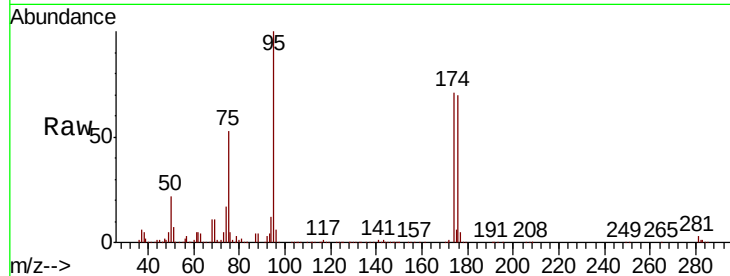
TP-2-D2

Tgt Ion: 75 Resp: 94681

Ion Ratio Lower Upper

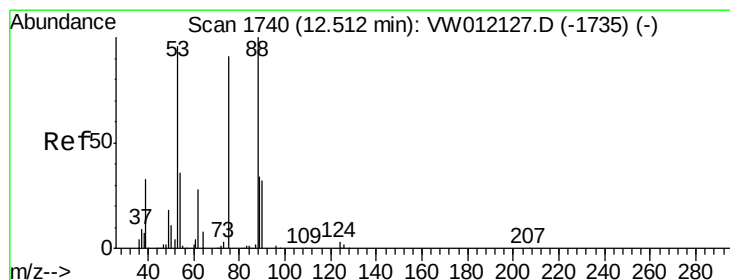
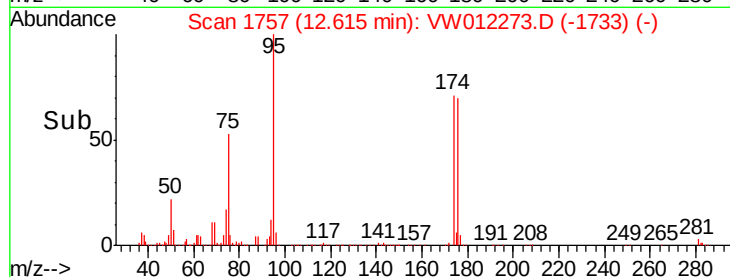
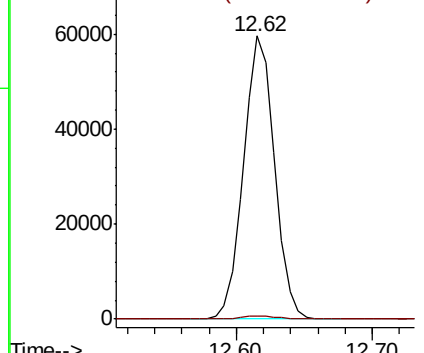
75 100

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: 144.604 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012273.D

Acq: 29 Aug 2019 01:10

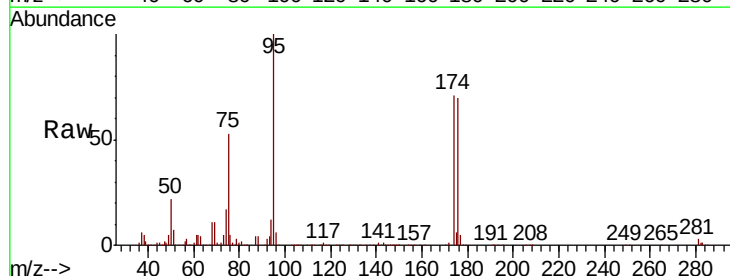
Tgt Ion: 75 Resp: 94681

Ion Ratio Lower Upper

75 100

53 0.2 89.4 134.0#

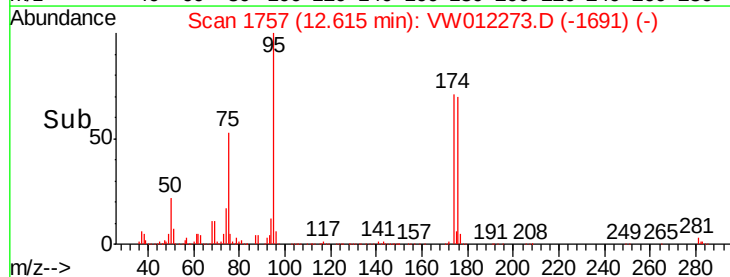
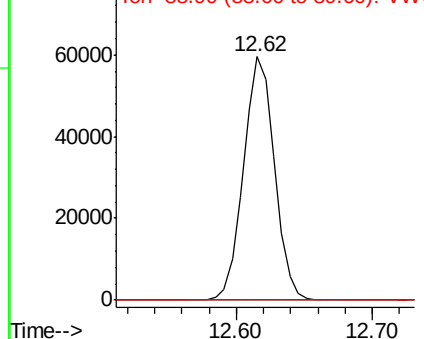
89 0.0 34.5 51.7#

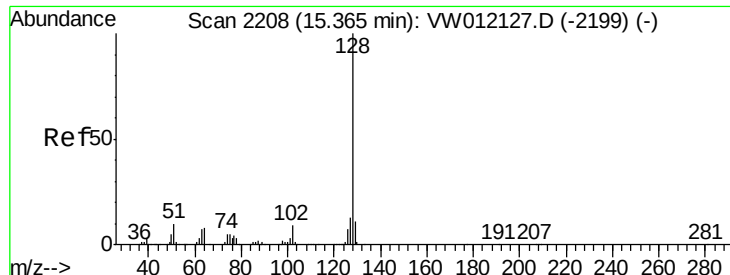


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95
Naphthalene
Concen: 4.413 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW012273.D
Acq: 29 Aug 2019 01:10

Instrument :
MSVOA_W
ClientSampleId :
TP-2-D2

Tgt Ion:128 Resp: 557
Ion Ratio Lower Upper
128 100
127 8.8 10.7 16.1#
129 9.9 8.7 13.1

