

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013729.D
 Acq On : 24 Oct 2019 23:13
 Operator : SY/VA
 Sample : K5499-10RE
 Misc : 5.13G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 197-74-(1)

Quant Time: Oct 25 08:01:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

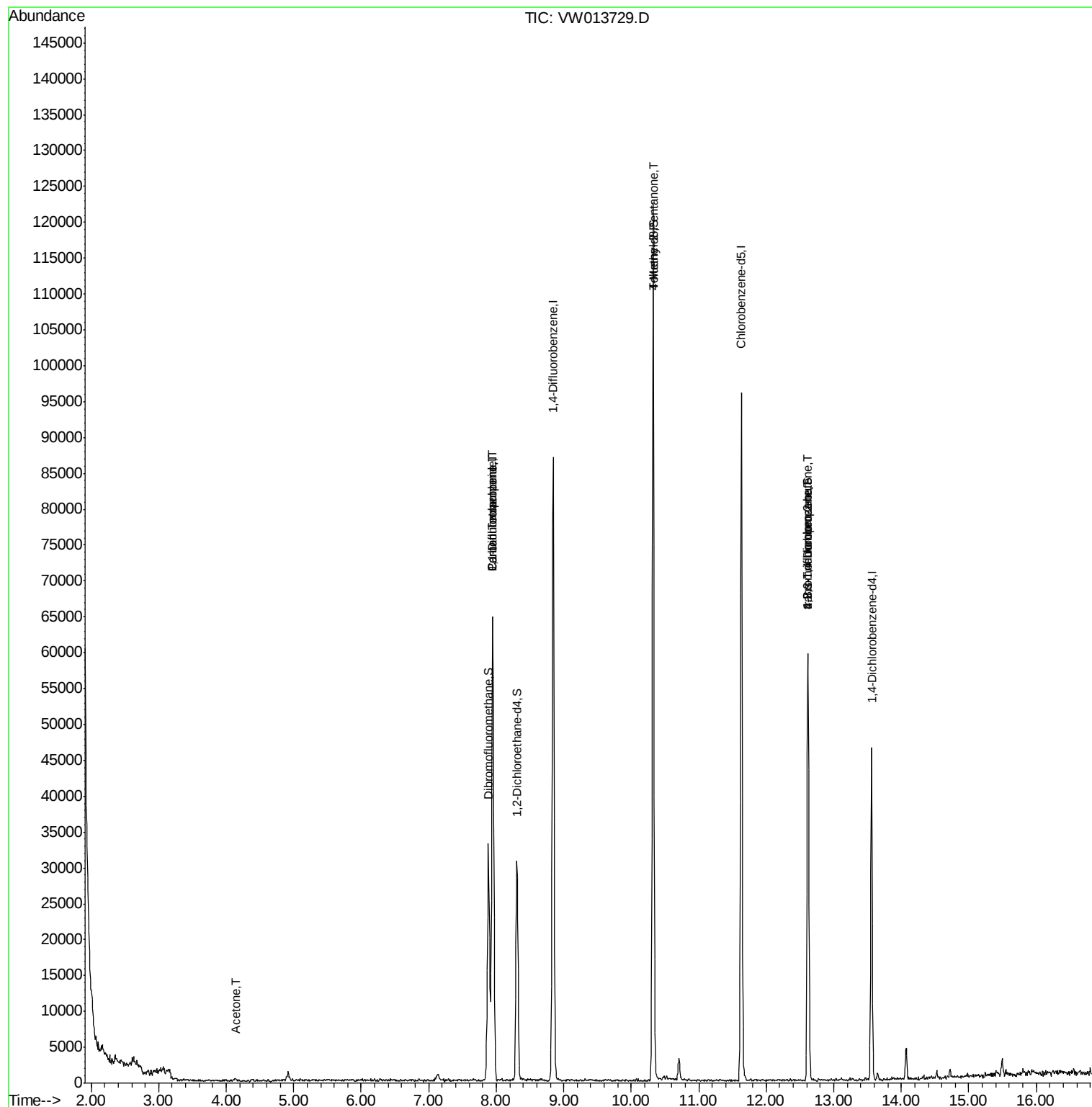
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	52680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	75280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	59562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	13962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	23095	58.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.88%	
35) Dibromofluoromethane	7.88	113	24822	59.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.68%	
50) Toluene-d8	10.32	98	85182	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.62	95	19493	33.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.56%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	611	7.292	ug/l #	45
20) Methylene Chloride	4.92	84	721	Below Cal	#	80
36) 1,1-Dichloropropene	7.95	75	3570	5.092	ug/l #	47
38) Carbon Tetrachloride	7.95	117	4871	7.715	ug/l #	14
51) 4-Methyl-2-Pentanone	10.33	43	353	1.383	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	9441	94.159	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9441	177.947	ug/l #	14

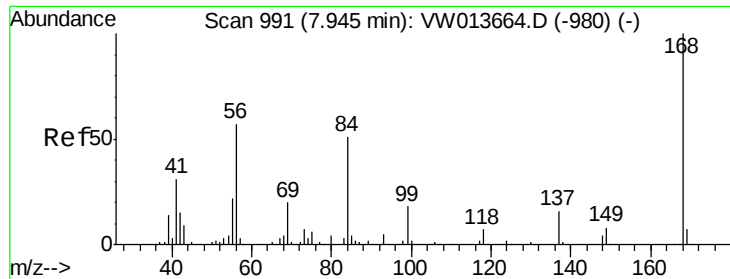
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102419\
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QLast Update : Wed Oct 23 14:11:46 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: VW013729.D

Acq: 24 Oct 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

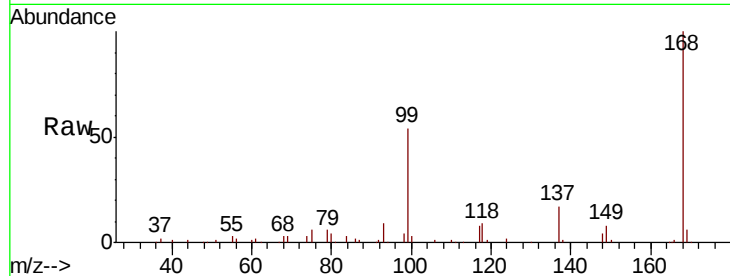
197-74-(1)

Tot Ion:168 Resp: 52680

Ion Ratio Lower Upper

168 100

99 54.3 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

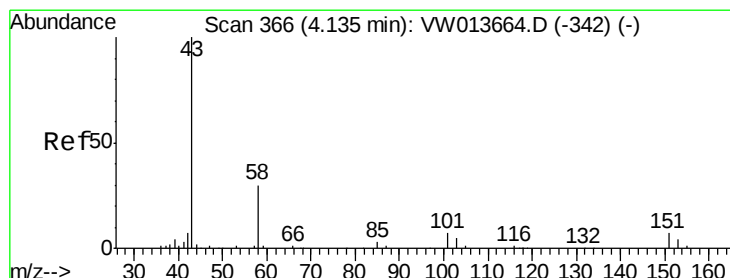
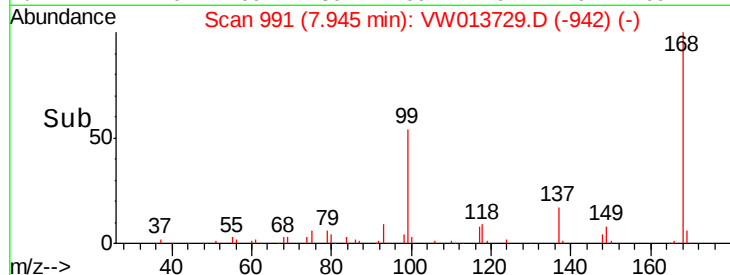
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 7.292 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW013729.D

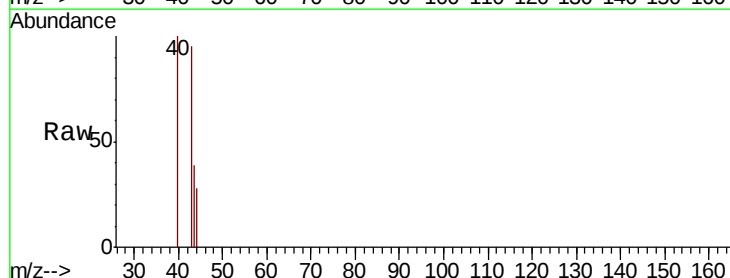
Acq: 24 Oct 2019 23:13

Tgt Ion: 43 Resp: 611

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

300

250

200

150

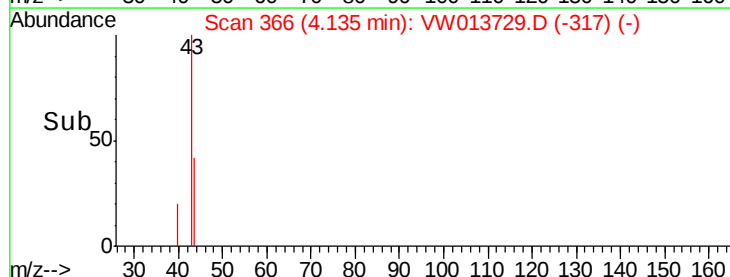
100

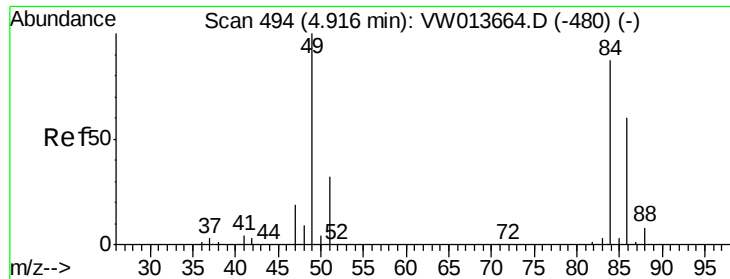
50

0

Time-->

4.10 4.15 4.20



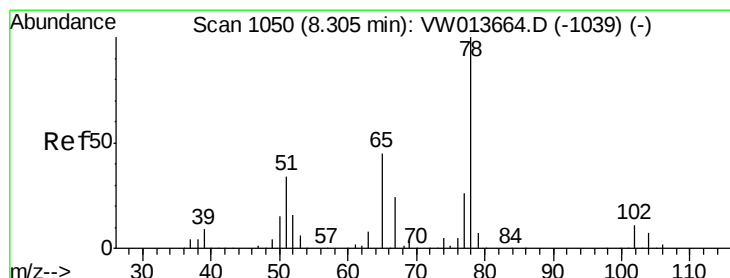
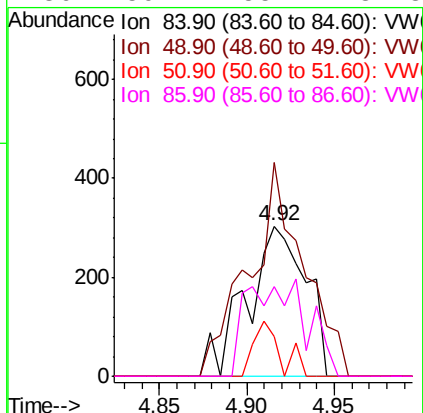
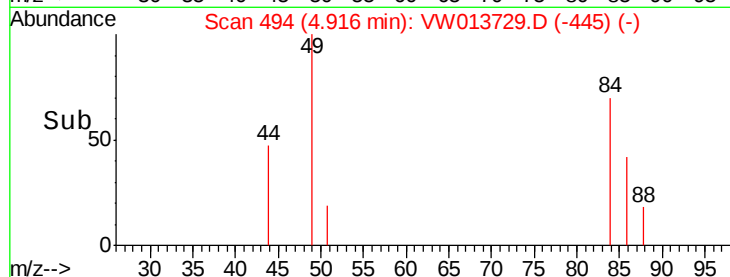
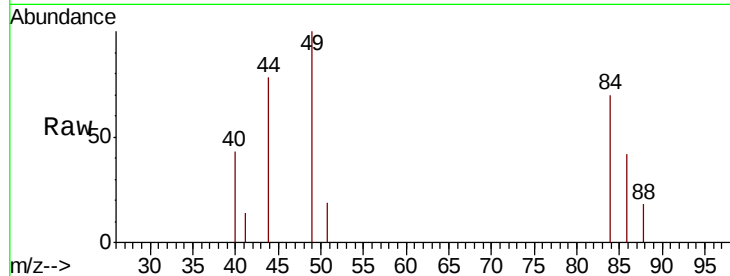


#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013729.D
Acq: 24 Oct 2019 23:13

Instrument :
MSVOA_W
ClientSampled :
197-74-(1)

Tot Ion: 84 Resp: 721

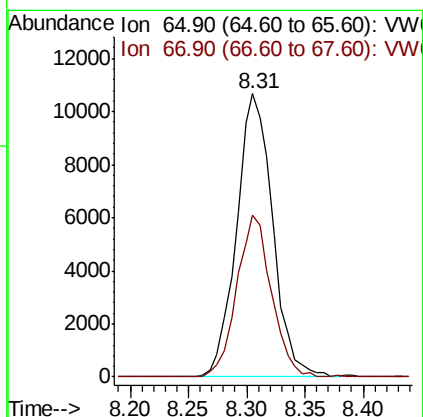
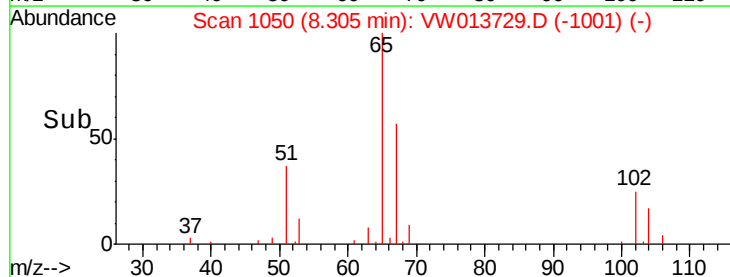
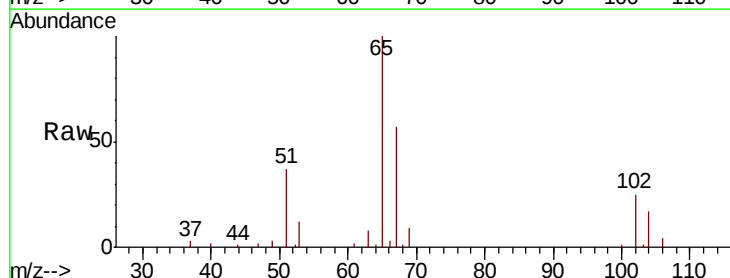
Ion	Ratio	Lower	Upper
84	100		
49	142.6	91.8	137.6#
51	26.4	29.8	44.6#
86	59.4	55.2	82.8

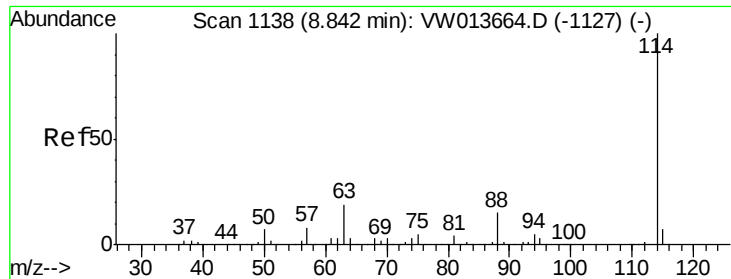


#33
1,2-Dichloroethane-d4
Concen: 58.441 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013729.D
Acq: 24 Oct 2019 23:13

Tgt Ion: 65 Resp: 23095

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.4

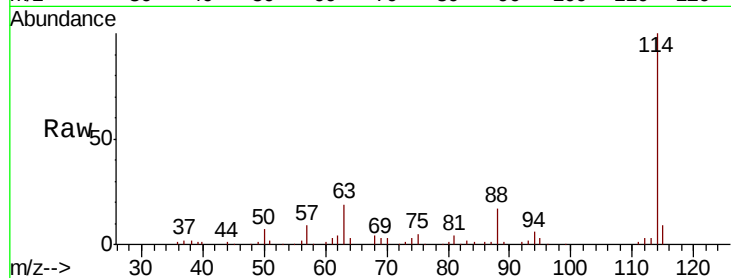




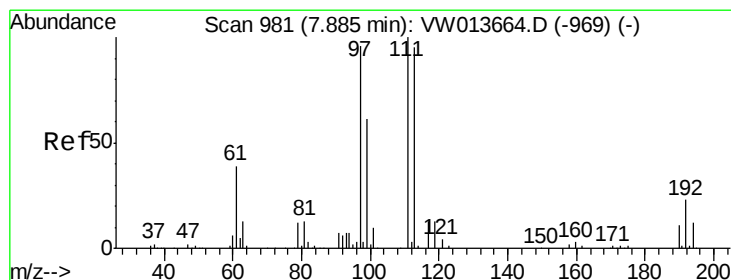
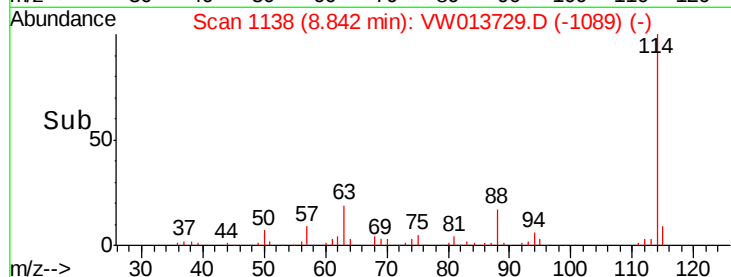
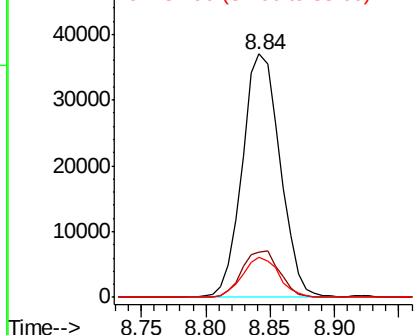
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013729.D
Acq: 24 Oct 2019 23:13

Instrument :
MSVOA_W
ClientSampleId :
197-74-(1)

Tot Ion:114 Resp: 75280
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.6
88 16.6 0.0 30.2

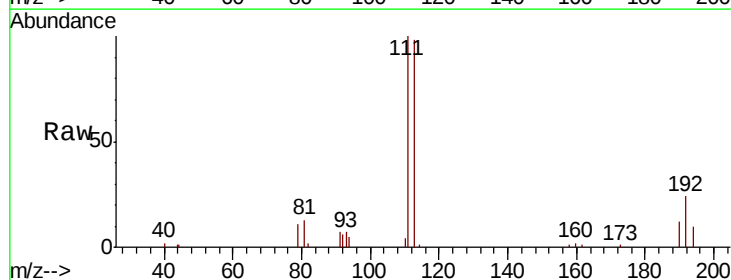


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

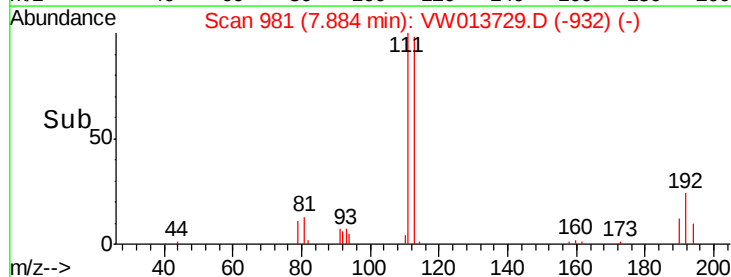
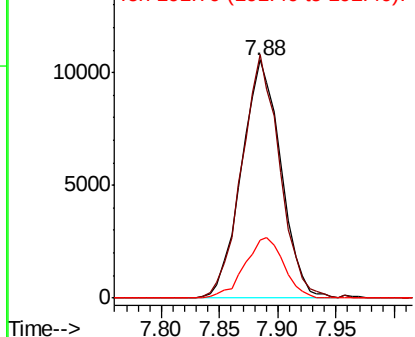


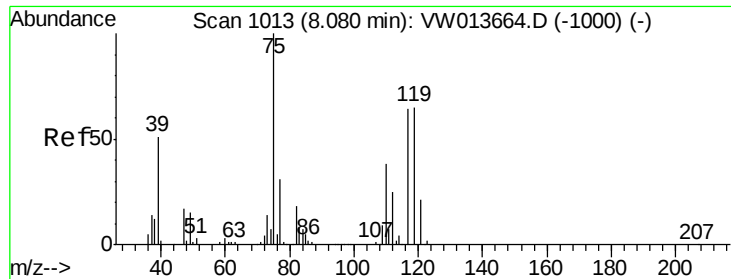
#35
Dibromofluoromethane
Concen: 59.341 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013729.D
Acq: 24 Oct 2019 23:13

Tgt Ion:113 Resp: 24822
Ion Ratio Lower Upper
113 100
111 98.7 83.0 124.6
192 25.1 19.4 29.2



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

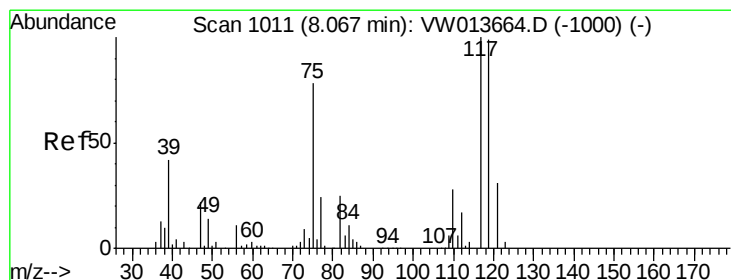
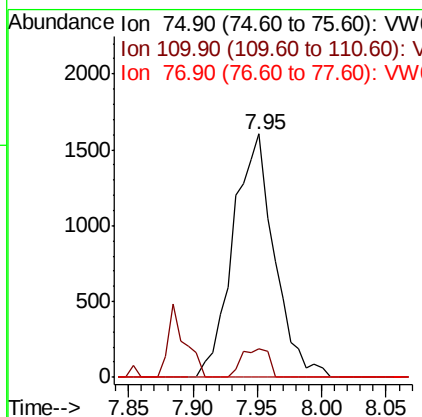
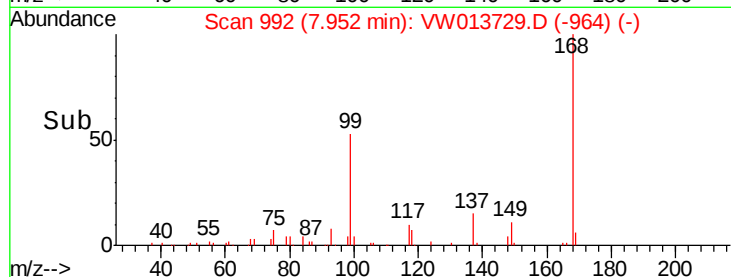
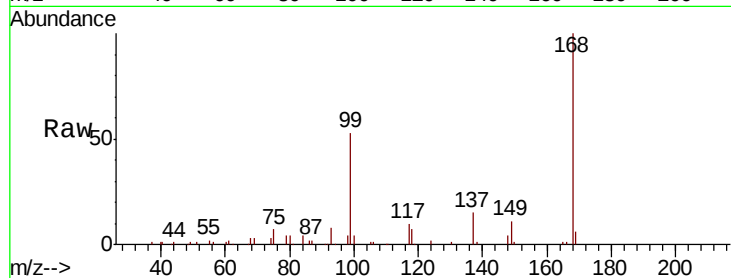




#36
 1,1-Dichloropropene
 Concen: 5.092 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW013729.D
 Acq: 24 Oct 2019 23:13

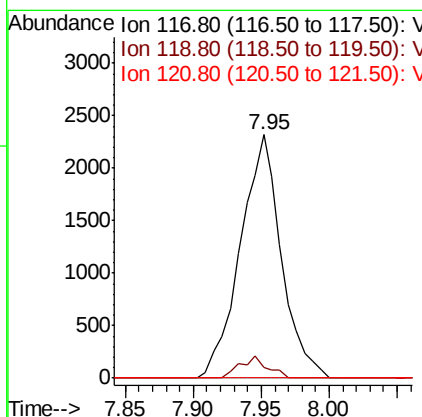
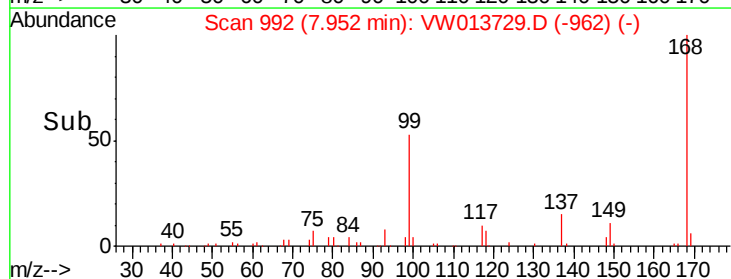
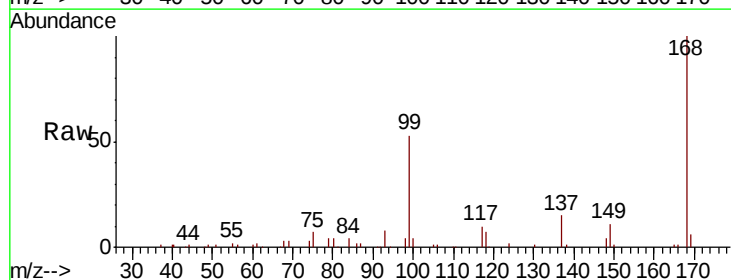
Instrument :
 MSVOA_W
 ClientSampleId :
 197-74-(1)

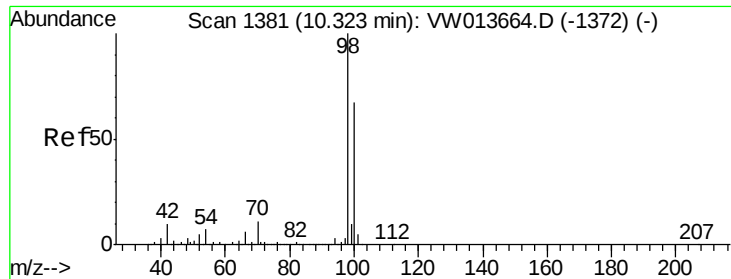
Tot Ion: 75 Resp: 3570
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.7 56.1#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 7.715 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW013729.D
 Acq: 24 Oct 2019 23:13

Tgt Ion: 117 Resp: 4871
 Ion Ratio Lower Upper
 117 100
 119 4.4 79.0 118.4#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 49.976 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013729.D

Acq: 24 Oct 2019 23:13

Instrument :

MSVOA_W

ClientSampled :

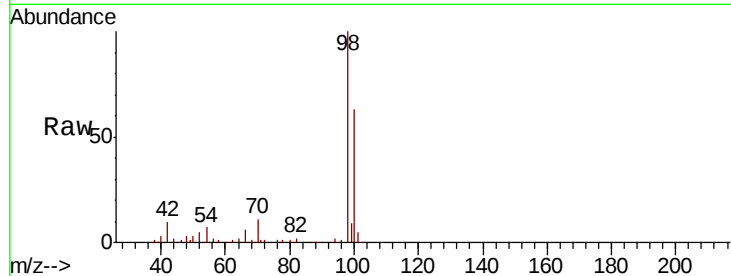
197-74-(1)

Tot Ion: 98 Resp: 85182

Ion Ratio Lower Upper

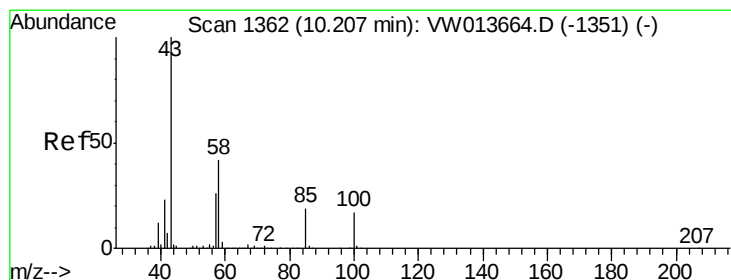
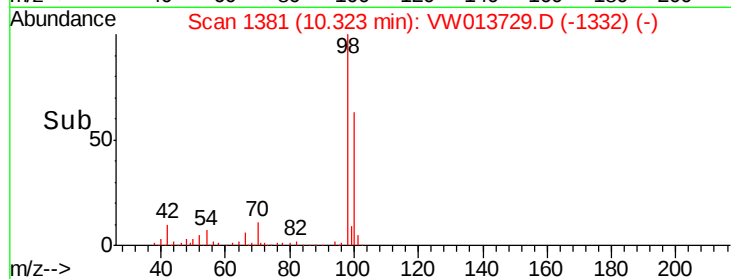
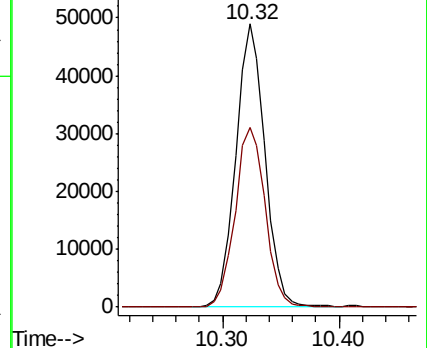
98 100

100 65.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.383 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW013729.D

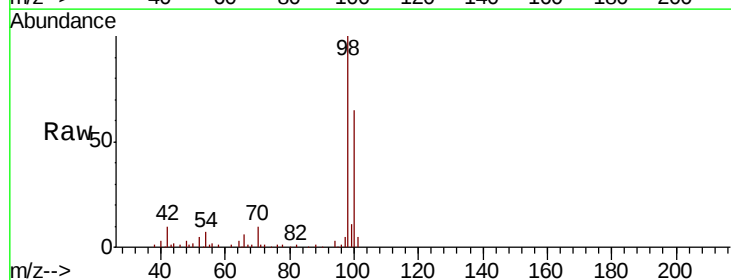
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Tgt Ion: 43 Resp: 353

Ion Ratio Lower Upper

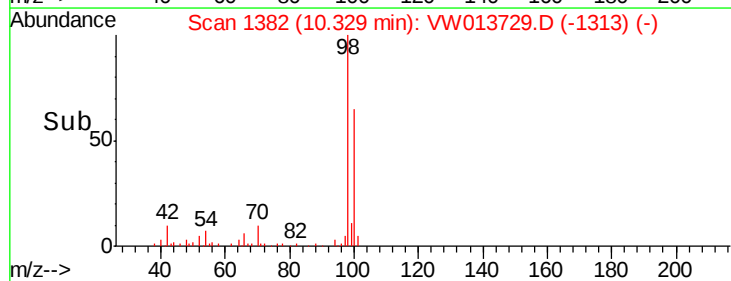
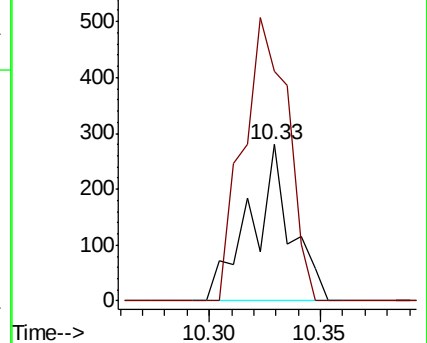
43 100

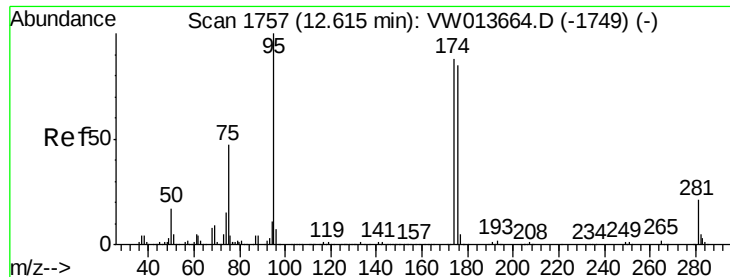
58 200.3 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

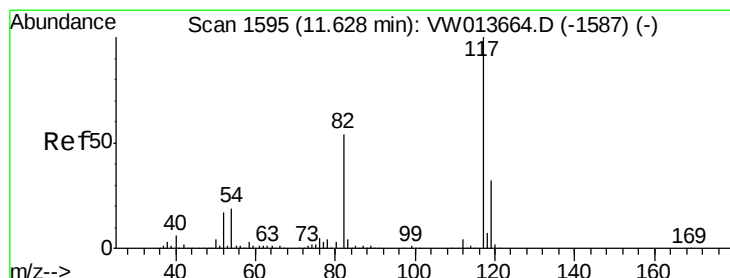
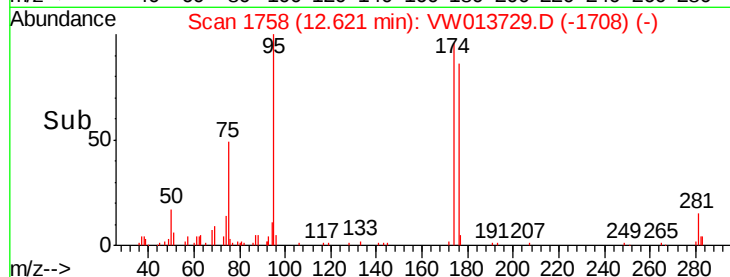
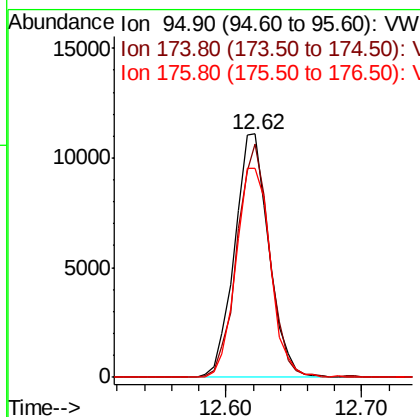
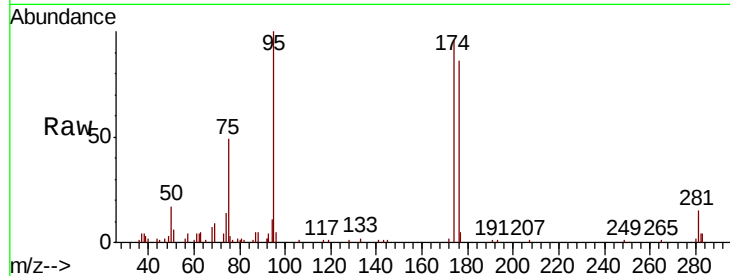




#62
4-Bromofluorobenzene
Concen: 33.776 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW013729.D
Acq: 24 Oct 2019 23:13

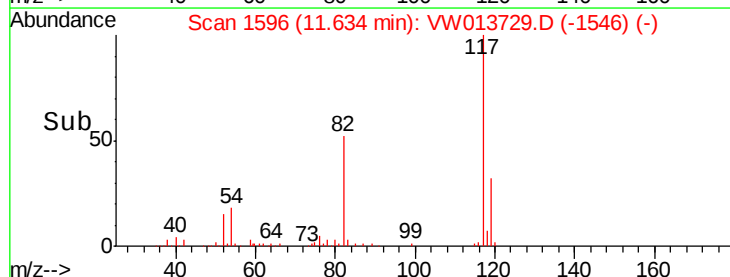
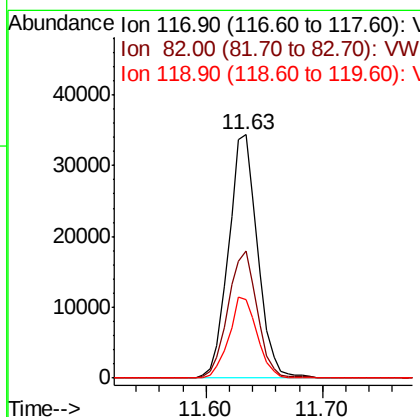
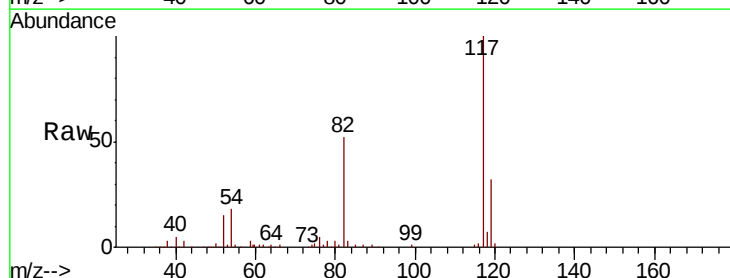
Instrument :
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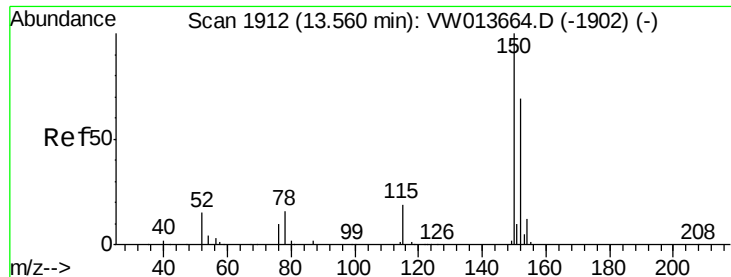
Tot Ion: 95 Resp: 19493
Ion Ratio Lower Upper
95 100
174 91.2 0.0 183.6
176 86.6 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013729.D
Acq: 24 Oct 2019 23:13

Tgt Ion: 117 Resp: 59562
Ion Ratio Lower Upper
117 100
82 52.0 43.6 65.4
119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013729.D

Acq: 24 Oct 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

197-74-(1)

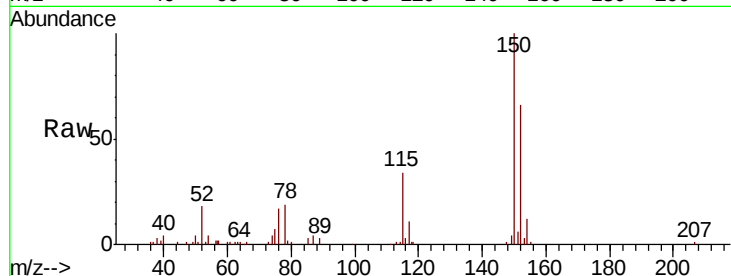
Tot Ion:152 Resp: 13962

Ion Ratio Lower Upper

152 100

115 51.6 27.4 82.2

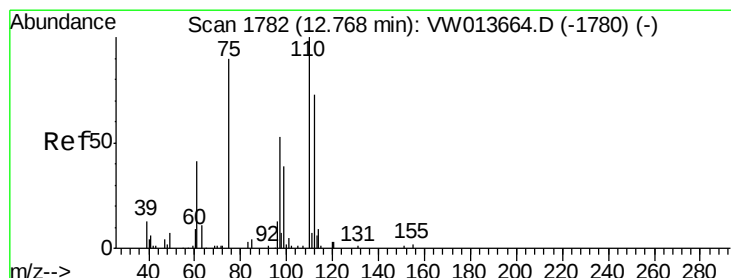
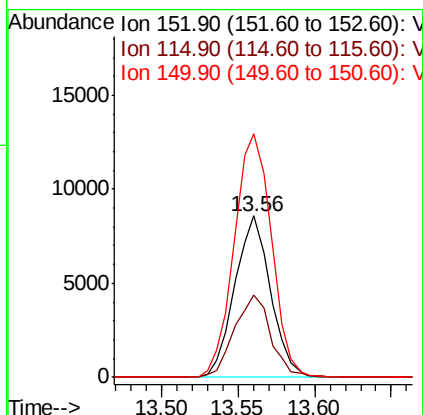
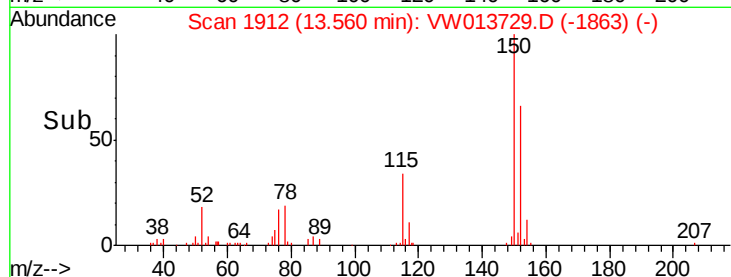
150 156.7 0.0 345.4



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: 94.159 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW013729.D

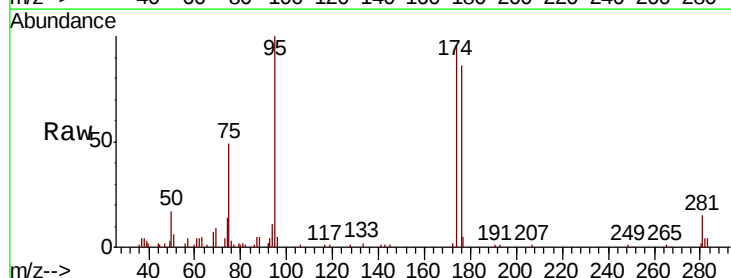
Acq: 24 Oct 2019 23:13

Tgt Ion: 75 Resp: 9441

Ion Ratio Lower Upper

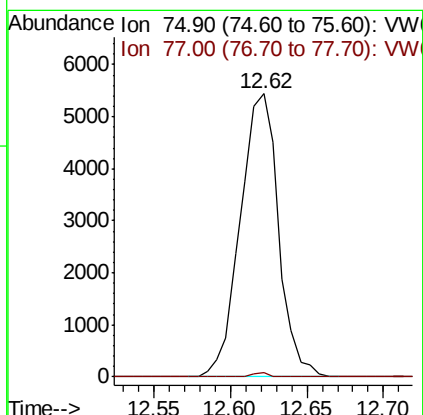
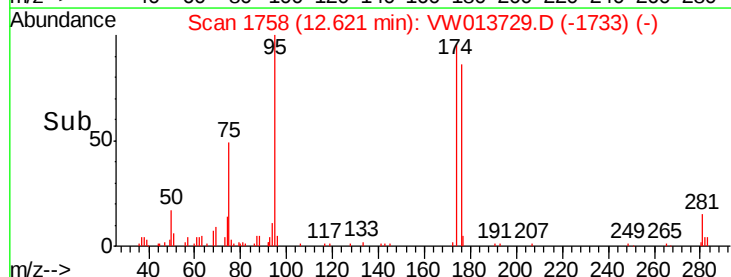
75 100

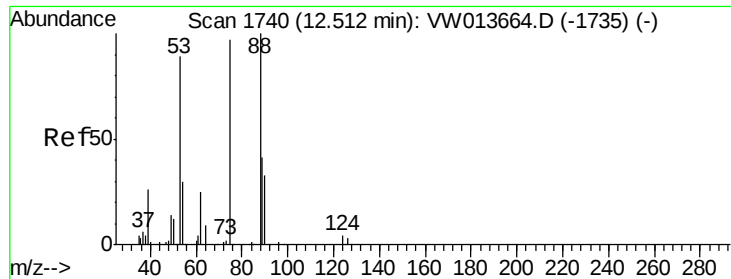
77 0.5 0.0 0.0#



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: 177.947 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW013729.D
 Acq: 24 Oct 2019 23:13

Instrument :
 MSVOA_W
 ClientSampleId :
 197-74-(1)

Tot Ion: 75 Resp: 9441
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.7 107.5#
 89 0.0 35.8 53.8#

