

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100919\
 Data File : VW013505.D
 Acq On : 09 Oct 2019 15:44
 Operator : SY/VA
 Sample : K5285-05
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D1

Quant Time: Oct 10 02:40:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	35220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	49558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	40175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11960	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	13311	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
35) Dibromofluoromethane	7.88	113	13497	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	10.32	98	56199	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.62	95	14790	37.85	ug/l	0.00
Spiked Amount			Recovery	=	75.70%	

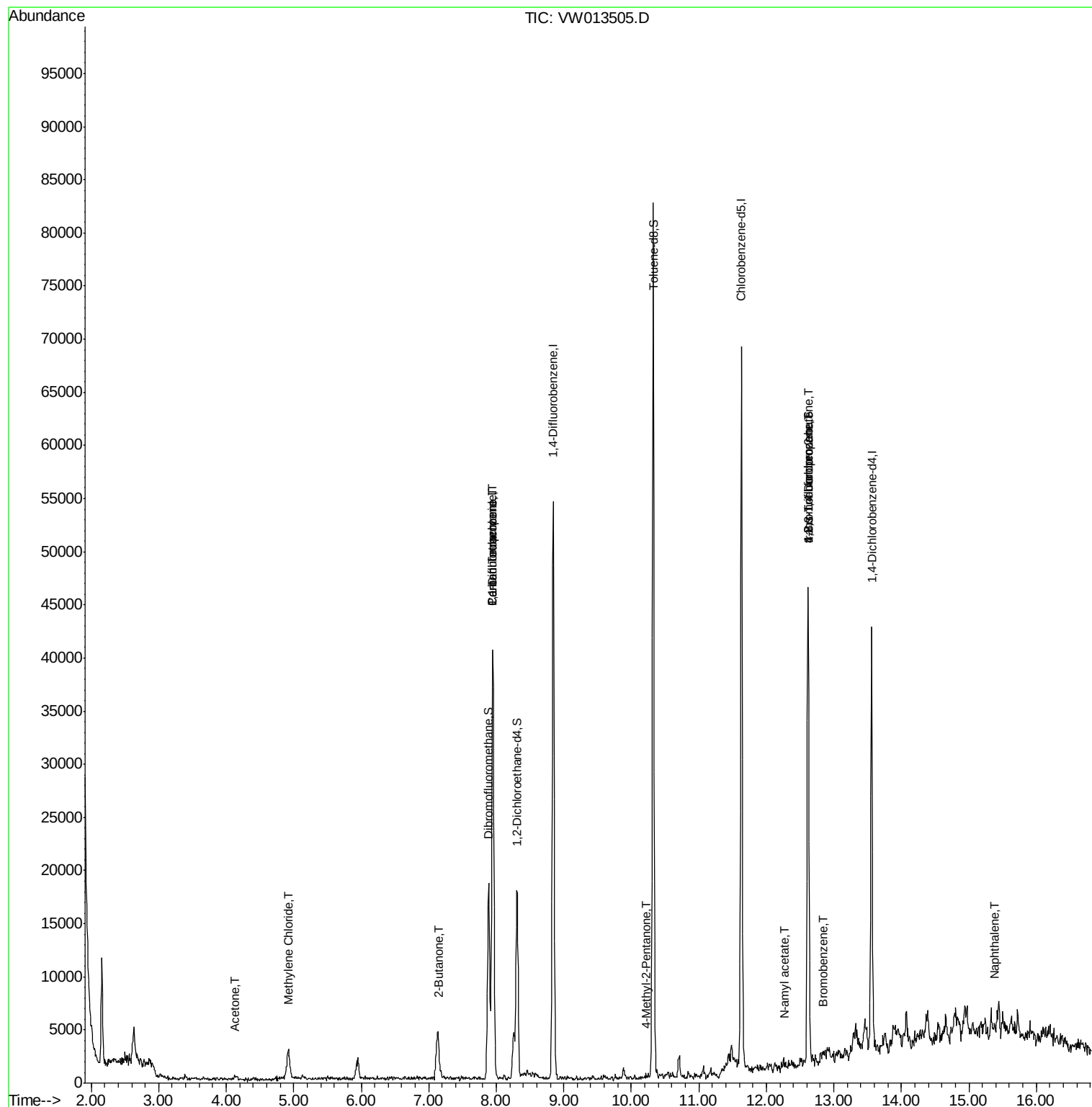
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	75	Below Cal	#	72
16) Acetone	4.14	43	772	12.192	ug/l #	42
20) Methylene Chloride	4.92	84	2100	3.071	ug/l	85
25) 2-Butanone	7.15	43	200	2.143	ug/l #	47
36) 1,1-Dichloropropene	7.95	75	2215	4.941	ug/l #	45
38) Carbon Tetrachloride	7.95	117	2896	7.287	ug/l #	12
51) 4-Methyl-2-Pentanone	10.22	43	218	1.128	ug/l #	34
74) N-amyl acetate	12.27	43	225	1.201	ug/l #	47
76) 1,2,3-Trichloropropane	12.62	75	7079	71.067	ug/l #	100
77) Bromobenzene	12.85	156	248	1.221	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	7079	145.273	ug/l #	14
95) Naphthalene	15.37	128	480	1.155	ug/l #	69

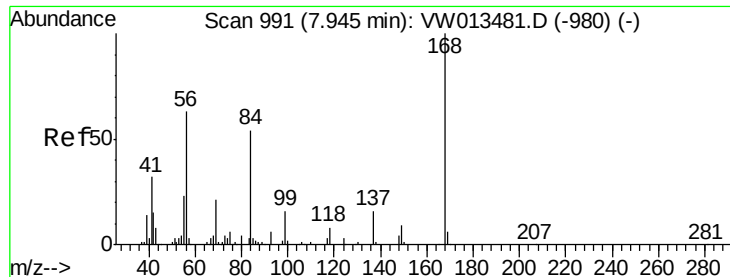
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013505.D

Acq: 09 Oct 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

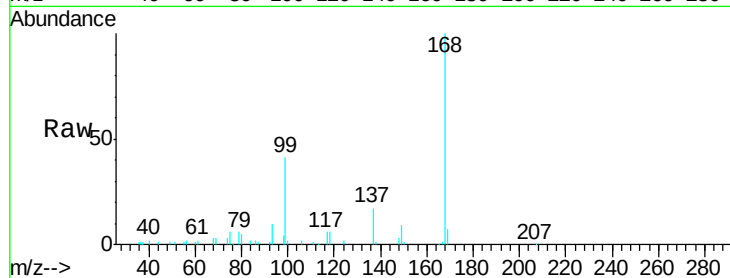
TP-1-D1

Tgt Ion: 168 Resp: 35220

Ion Ratio Lower Upper

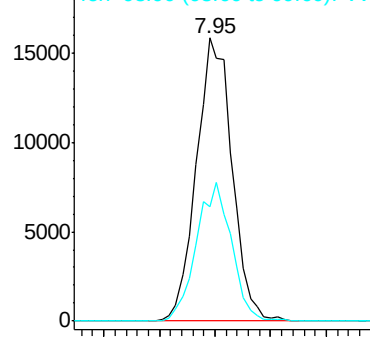
168 100

99 40.6 38.3 57.5

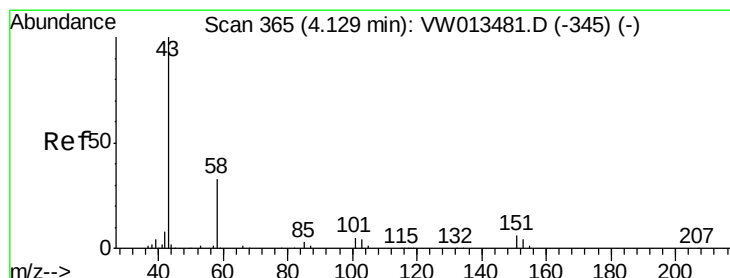
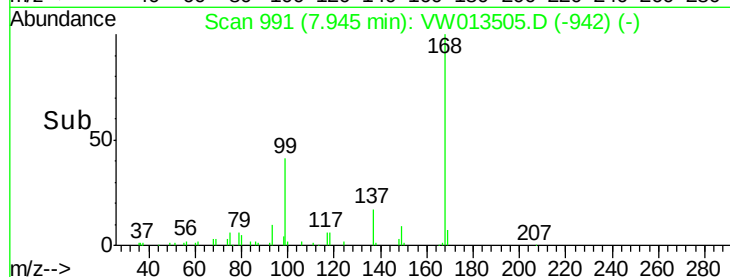


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#16

Acetone

Concen: 12.192 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013505.D

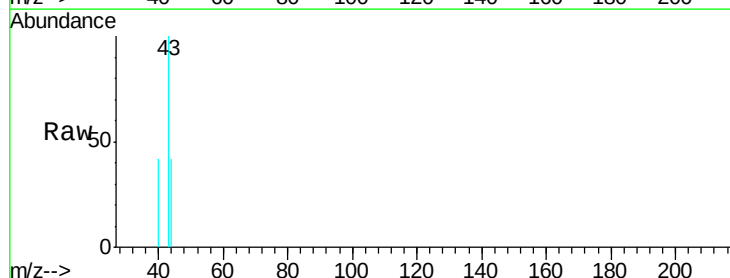
Acq: 09 Oct 2019 15:44

Tgt Ion: 43 Resp: 772

Ion Ratio Lower Upper

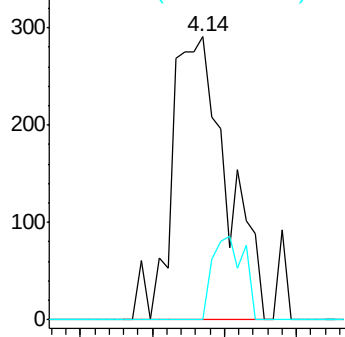
43 100

58 0.0 26.1 39.1#

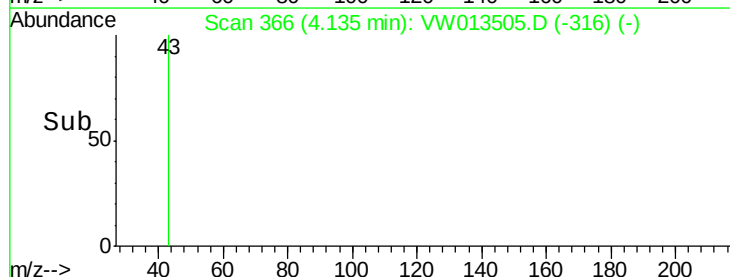


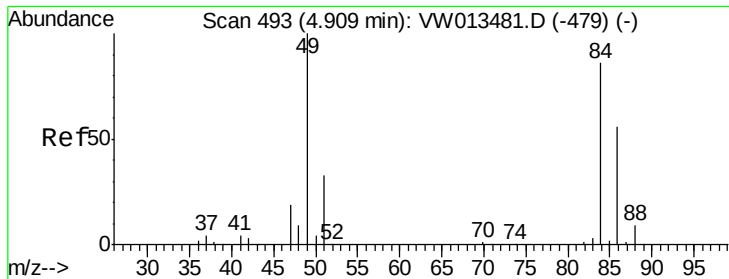
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

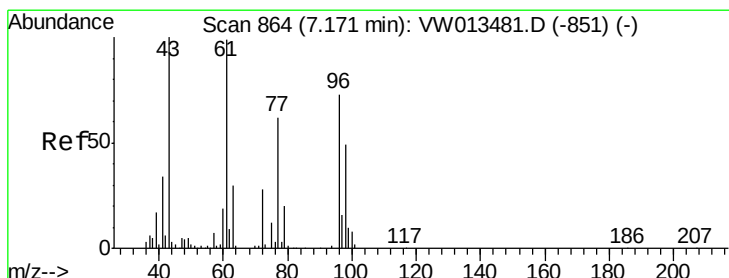
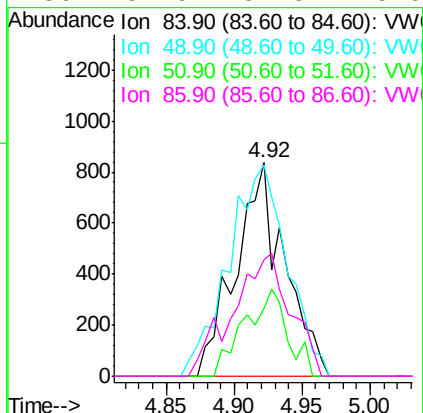
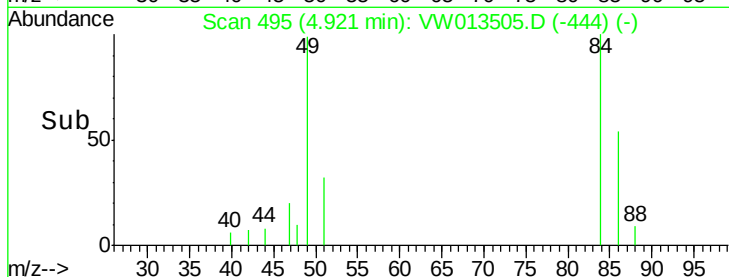
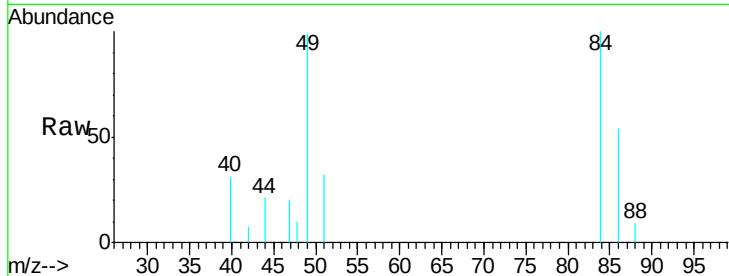




#20
Methylene Chloride
Concen: 3.071 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013505.D
Acq: 09 Oct 2019 15:44

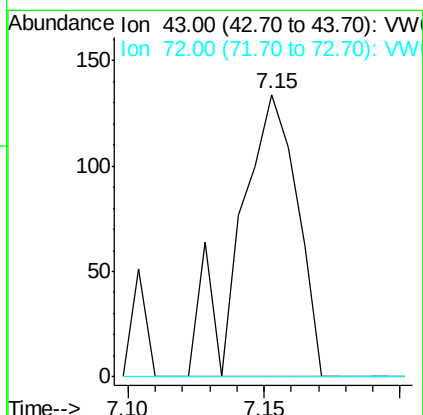
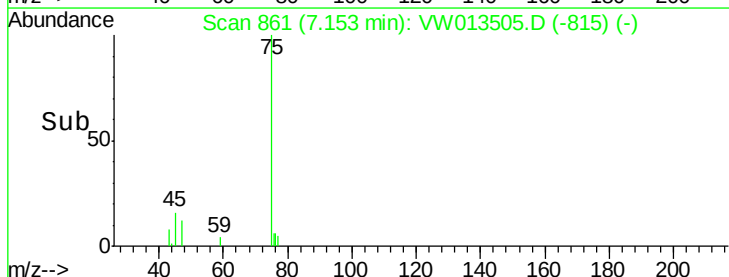
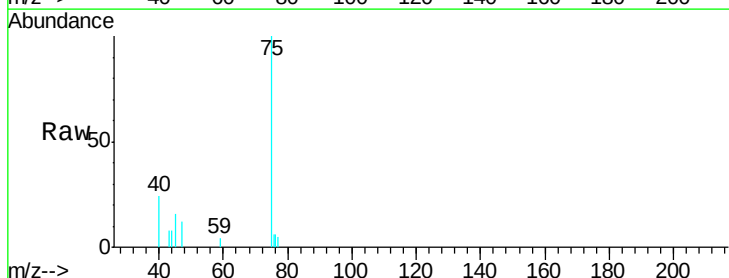
Instrument :
MSVOA_W
ClientSampled :
TP-1-D1

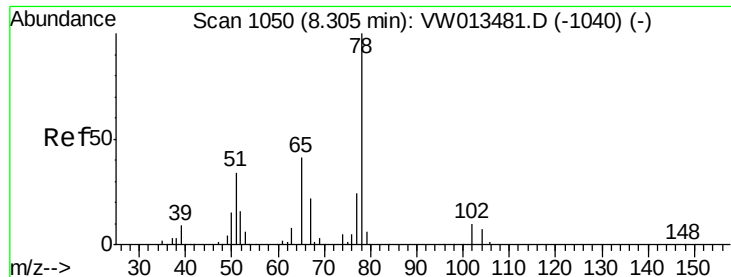
Tgt Ion:	84	Resp:	2100
Ion	Ratio	Lower	Upper
84	100		
49	98.9	93.4	140.0
51	31.9	30.6	46.0
86	54.5	52.3	78.5



#25
2-Butanone
Concen: 2.143 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW013505.D
Acq: 09 Oct 2019 15:44

Tgt Ion:	43	Resp:	200
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.1	33.1#

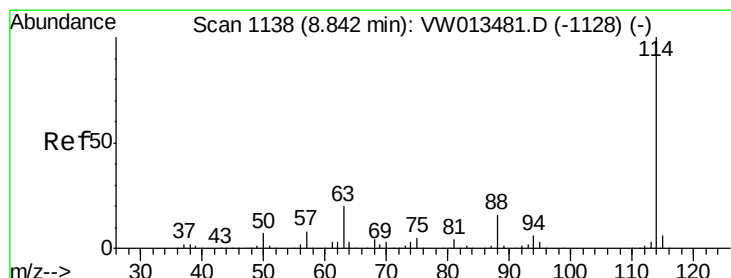
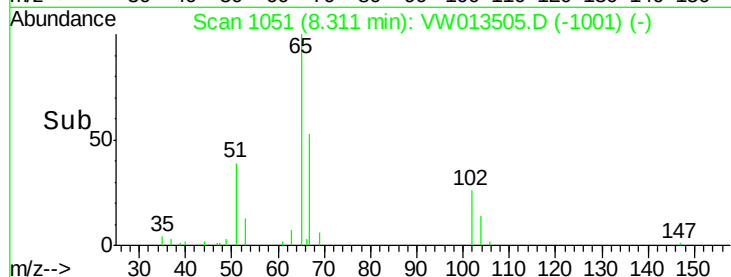
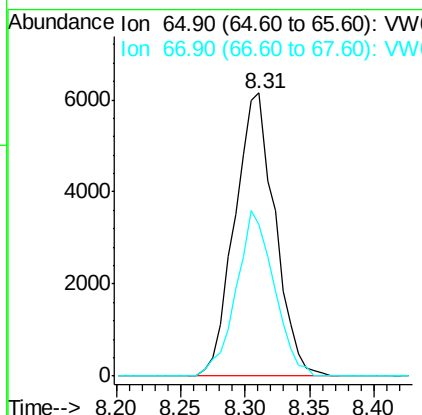
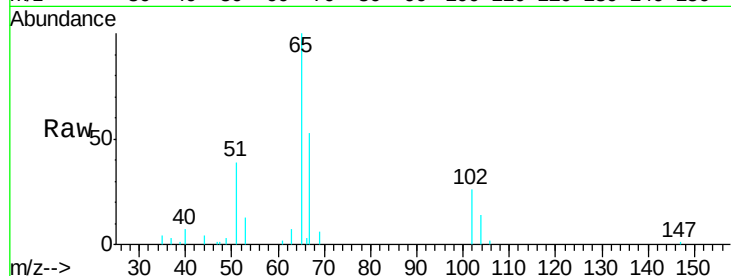




#33
 1,2-Dichloroethane-d4
 Concen: 48.918 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW013505.D
 Acq: 09 Oct 2019 15:44

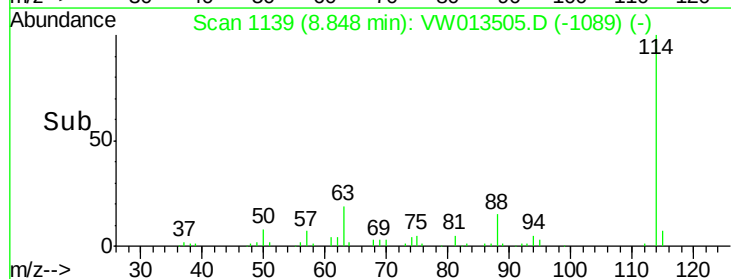
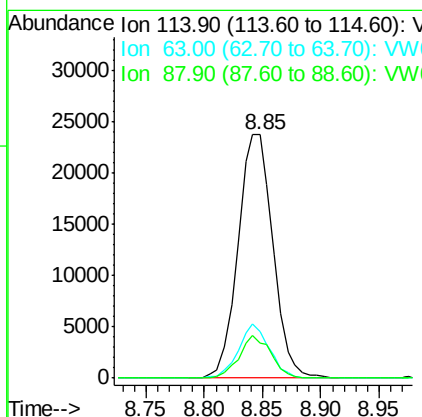
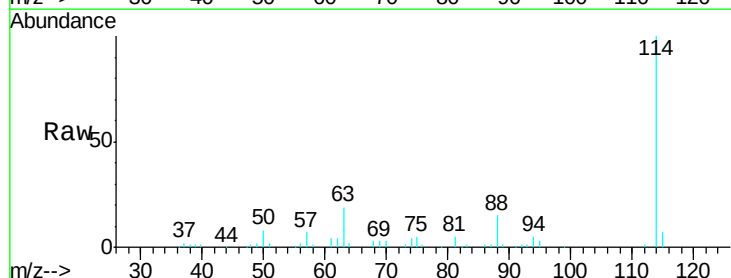
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D1

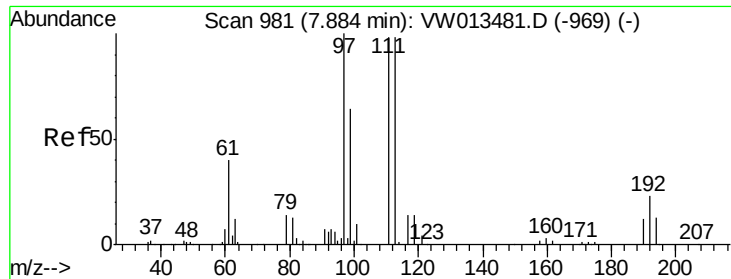
Tgt Ion: 65 Resp: 13311
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW013505.D
 Acq: 09 Oct 2019 15:44

Tgt Ion: 114 Resp: 49558
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.4
 88 14.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.762 ug/l

RT: 7.88 min Scan# 981

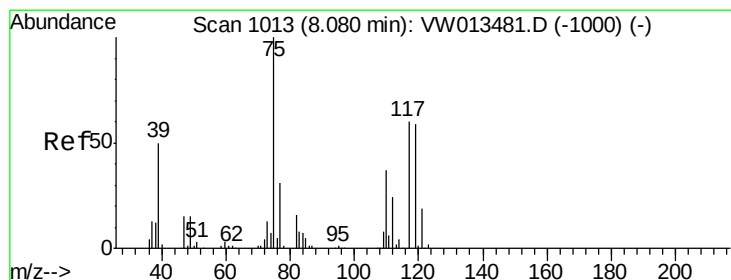
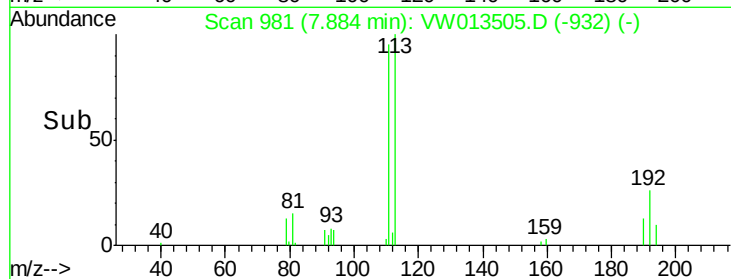
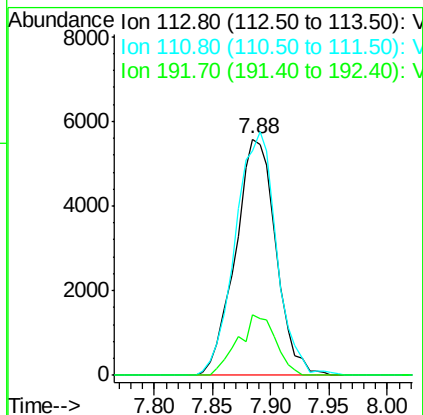
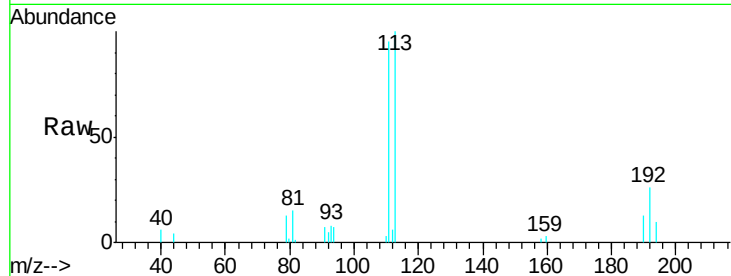
Delta R.T. -0.00 min

Lab File: VW013505.D

Acq: 09 Oct 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
TP-1-D1

Tgt Ion:	113	Resp:	13497
Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.3	123.5
192	23.9	19.3	28.9



#36

1,1-Dichloropropene

Concen: 4.941 ug/l

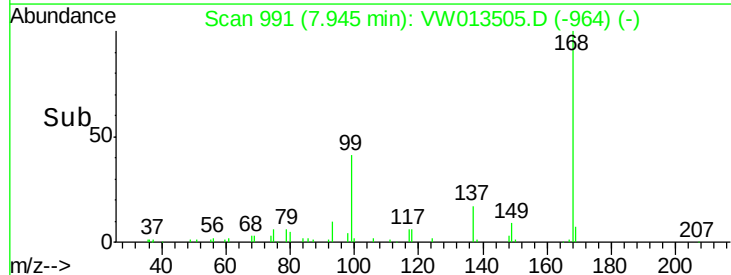
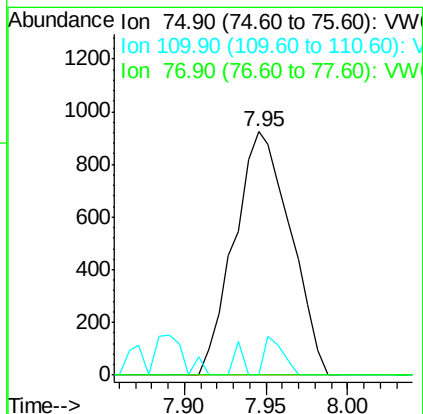
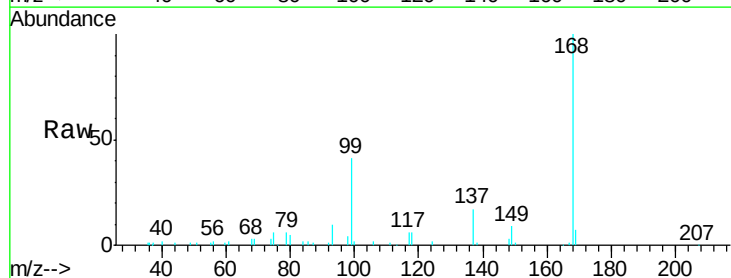
RT: 7.95 min Scan# 991

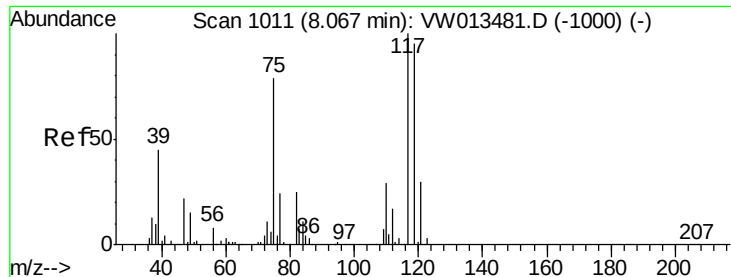
Delta R.T. -0.13 min

Lab File: VW013505.D

Acq: 09 Oct 2019 15:44

Tgt Ion:	75	Resp:	2215
Ion	Ratio	Lower	Upper
75	100		
110	5.1	18.4	55.2#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 7.287 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW013505.D

Acq: 09 Oct 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

TP-1-D1

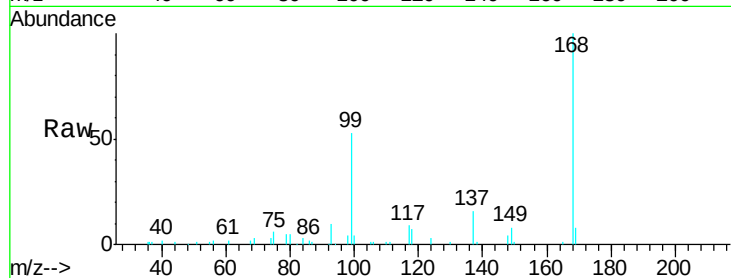
Tgt Ion:117 Resp: 2896

Ion Ratio Lower Upper

117 100

119 0.0 76.3 114.5#

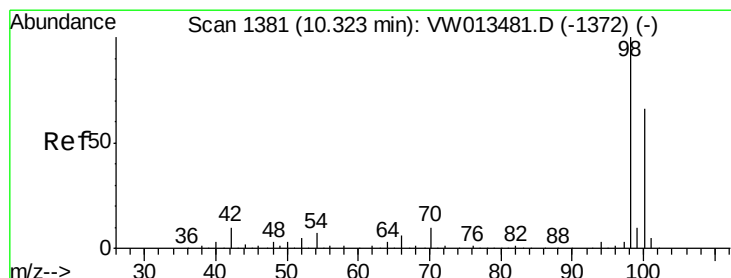
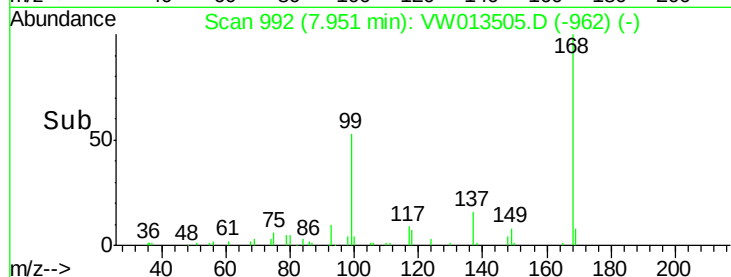
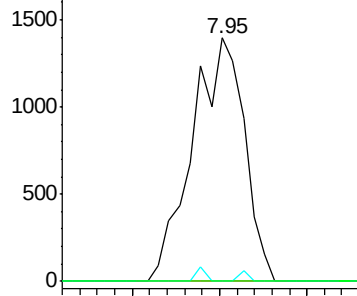
121 0.0 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.314 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013505.D

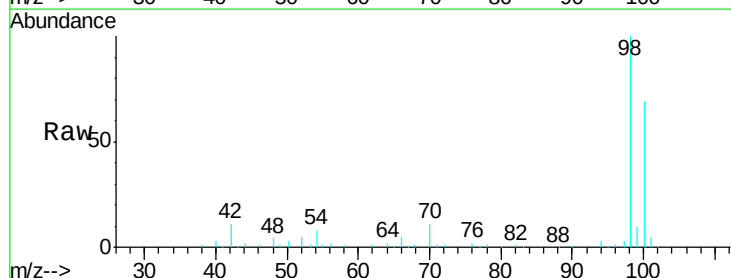
Acq: 09 Oct 2019 15:44

Tgt Ion: 98 Resp: 56199

Ion Ratio Lower Upper

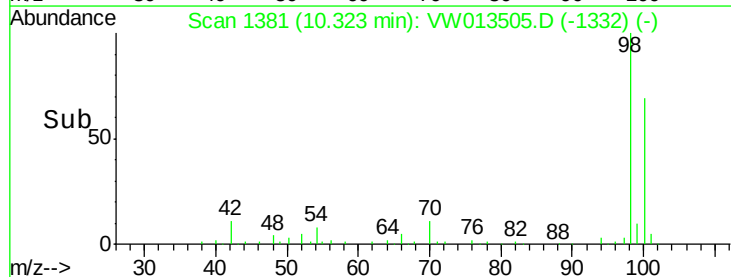
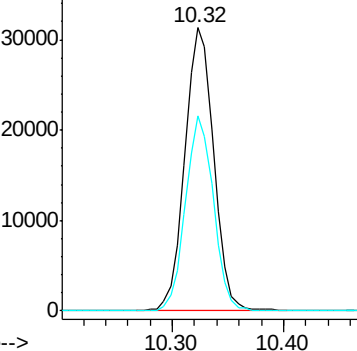
98 100

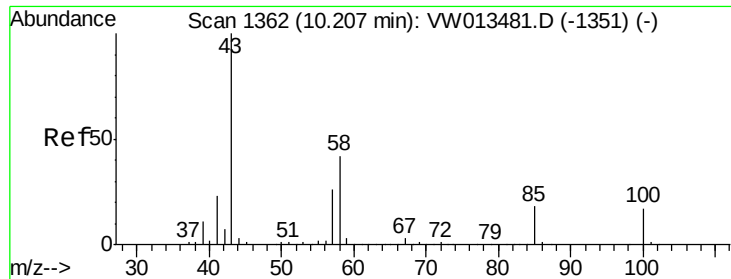
100 66.5 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

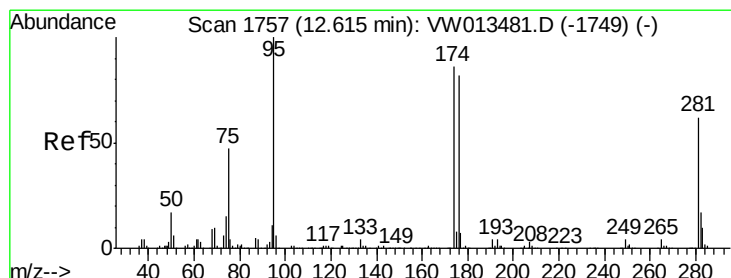
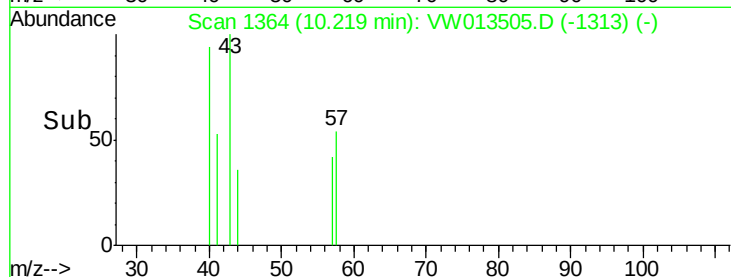
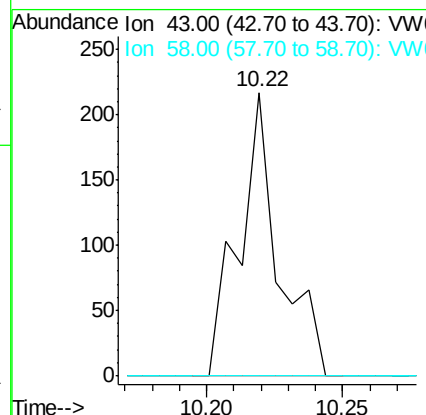
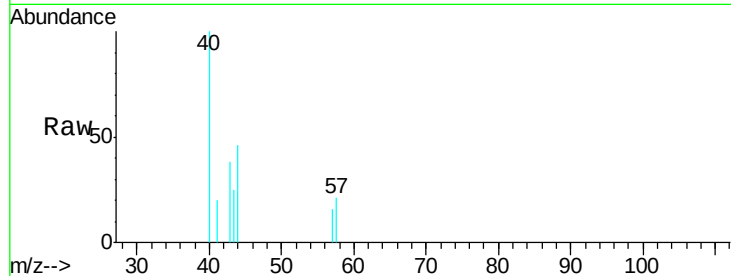




#51
 4-Methyl-2-Pentanone
 Concen: 1.128 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW013505.D
 Acq: 09 Oct 2019 15:44

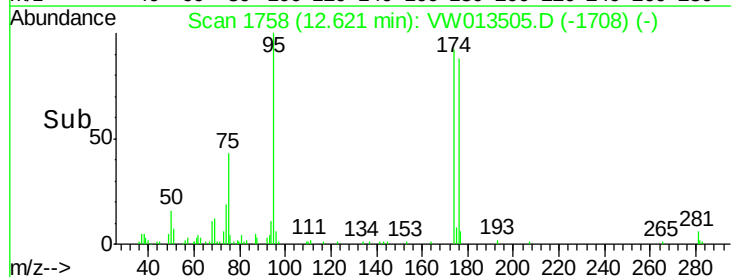
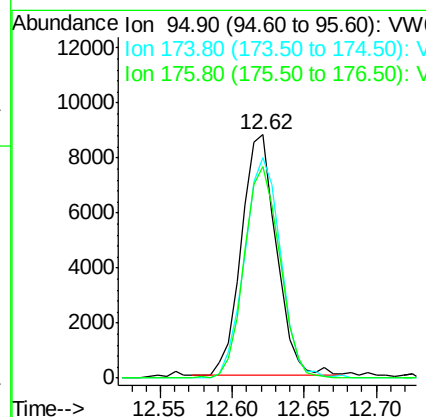
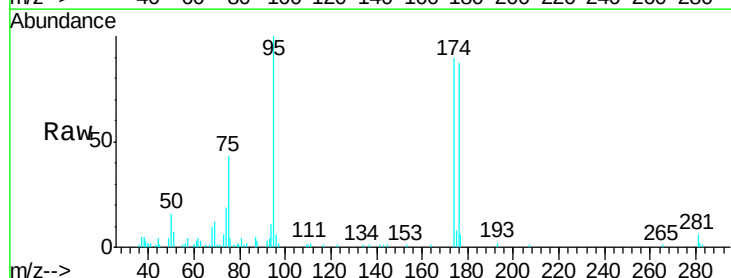
Instrument :
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 TP-1-D1

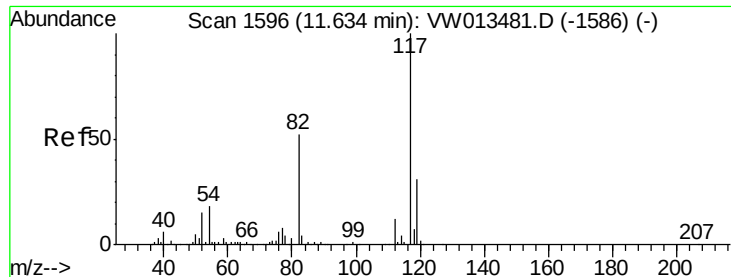
Tgt Ion: 43 Resp: 218
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.8 49.2#



#62
 4-Bromofluorobenzene
 Concen: 37.850 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW013505.D
 Acq: 09 Oct 2019 15:44

Tgt Ion: 95 Resp: 14790
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 177.4
 176 89.0 0.0 173.4

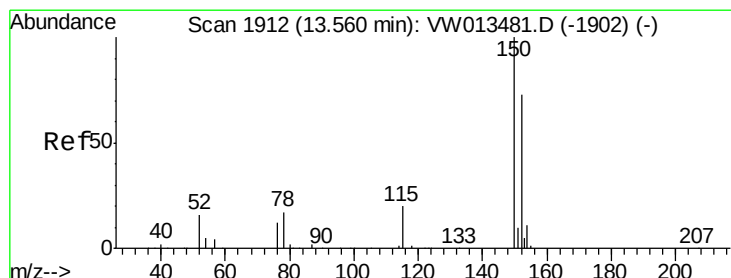
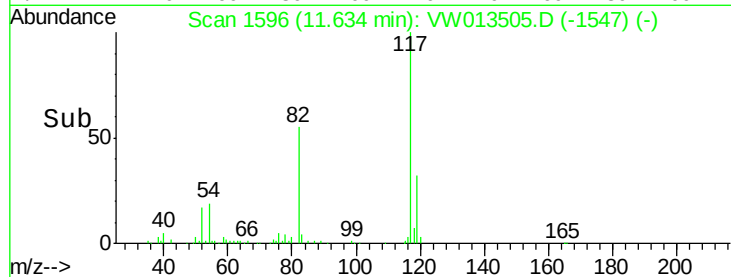
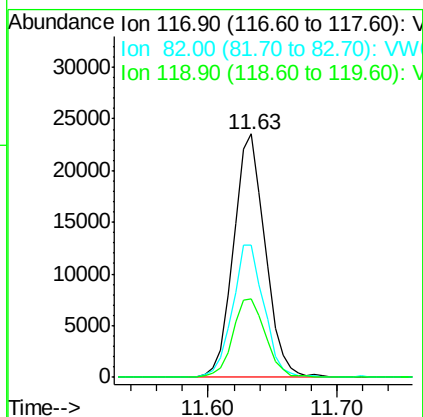
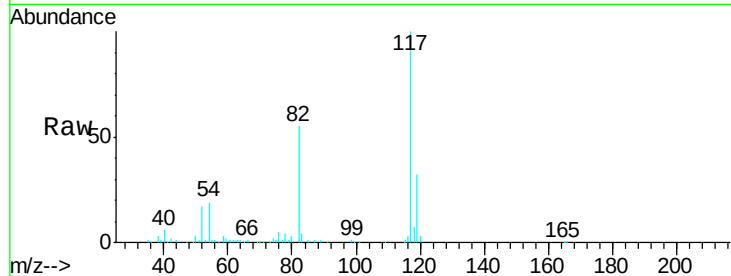




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW013505.D
Acq: 09 Oct 2019 15:44

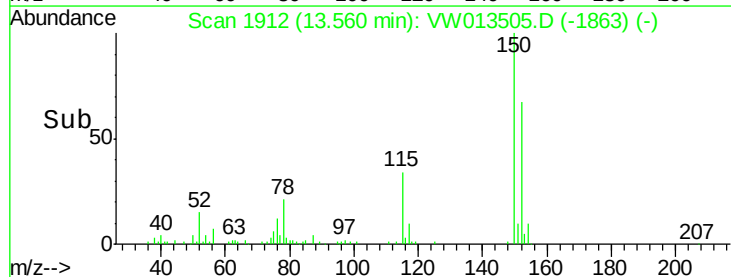
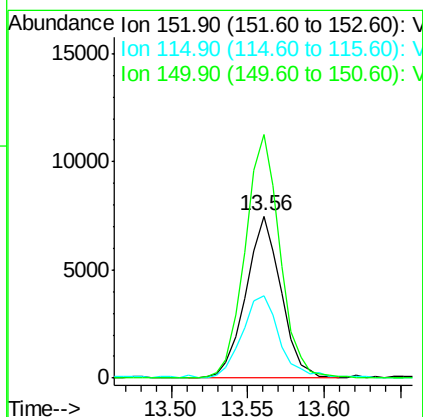
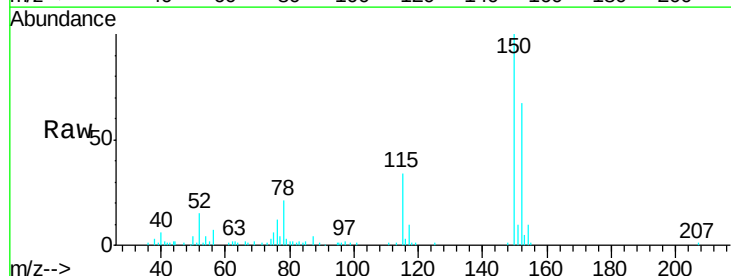
Instrument :
MSVOA_W
ClientSampled :
TP-1-D1

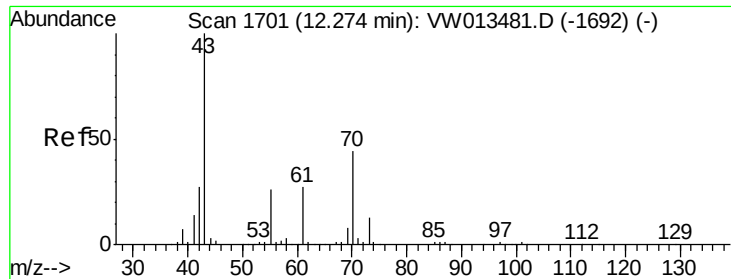
Tgt Ion:117 Resp: 40175
Ion Ratio Lower Upper
117 100
82 54.6 41.4 62.2
119 32.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013505.D
Acq: 09 Oct 2019 15:44

Tgt Ion:152 Resp: 11960
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 148.9 0.0 337.4





#74

N-amyI acetate

Concen: 1.201 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013505.D

Acq: 09 Oct 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

TP-1-D1

Tgt Ion: 43 Resp: 225

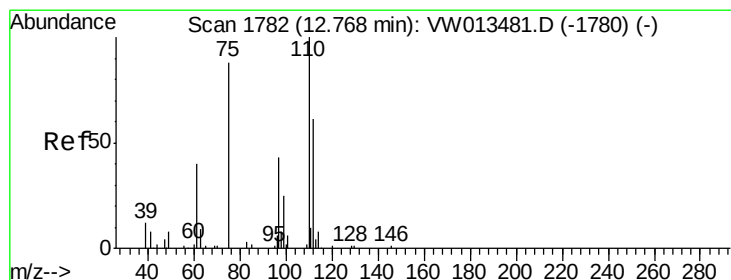
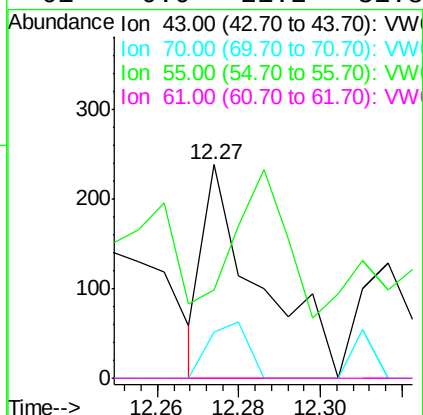
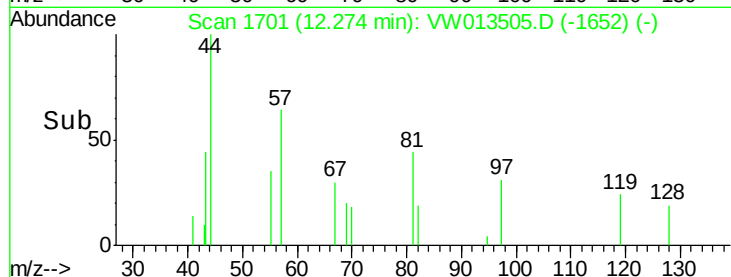
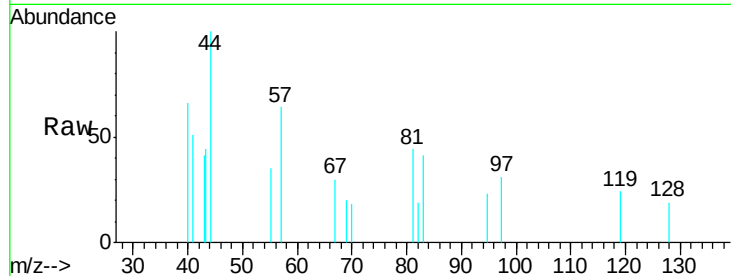
Ion Ratio Lower Upper

43 100

70 18.7 35.3 52.9#

55 63.6 20.0 30.0#

61 0.0 21.2 31.8#



#76

1,2,3-Trichloropropane

Concen: 71.067 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013505.D

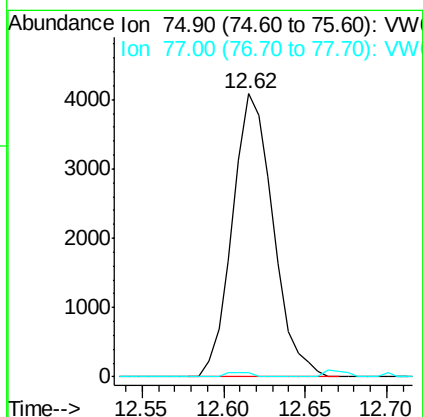
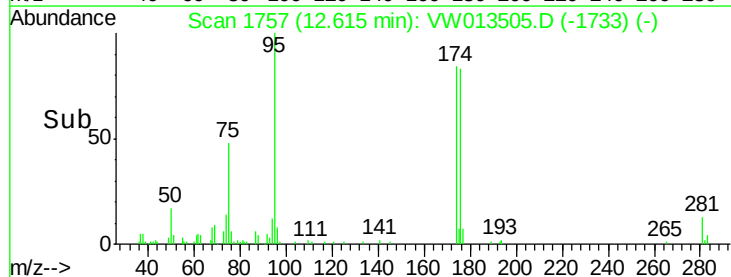
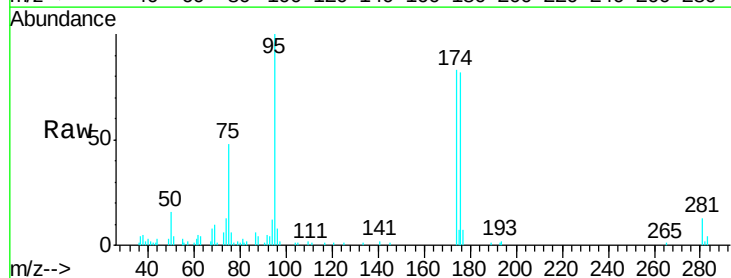
Acq: 09 Oct 2019 15:44

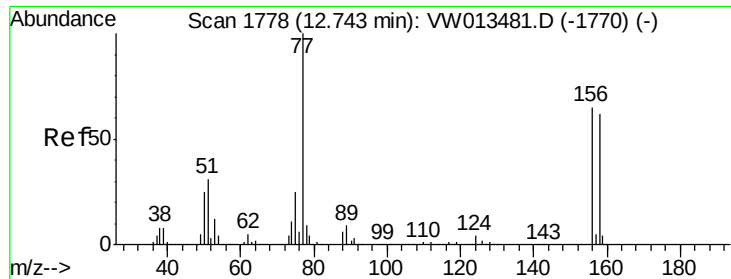
Tgt Ion: 75 Resp: 7079

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#77

Bromobenzene

Concen: 1.221 ug/l

RT: 12.85 min Scan# 1795

Delta R.T. 0.10 min

Lab File: VW013505.D

Acq: 09 Oct 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

TP-1-D1

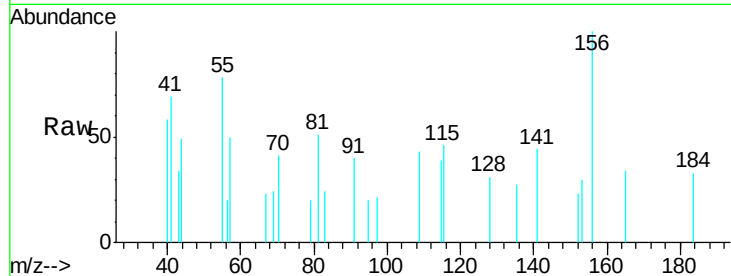
Tgt Ion: 156 Resp: 248

Ion Ratio Lower Upper

156 100

77 0.0 83.7 251.0#

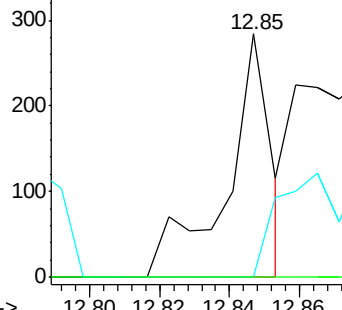
158 0.0 49.0 147.0#



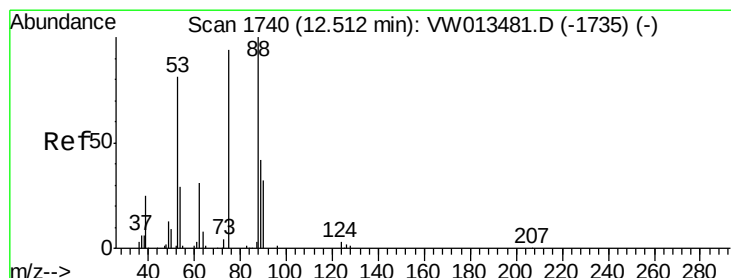
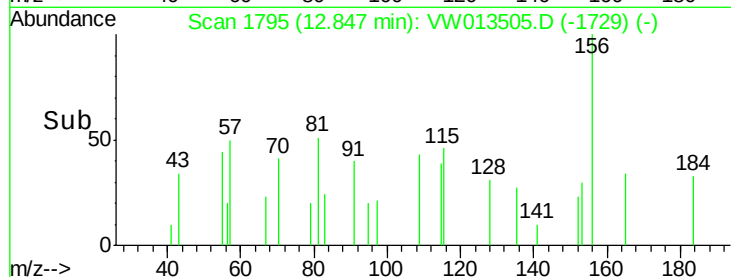
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 145.273 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013505.D

Acq: 09 Oct 2019 15:44

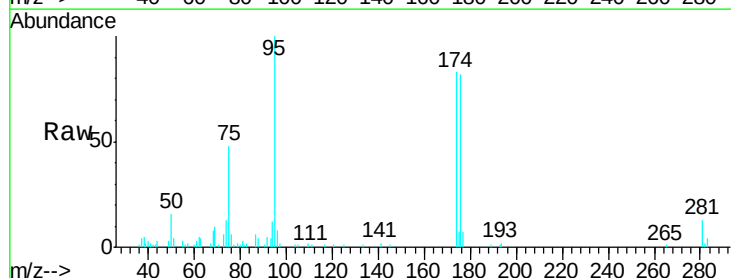
Tgt Ion: 75 Resp: 7079

Ion Ratio Lower Upper

75 100

53 0.0 71.0 106.6#

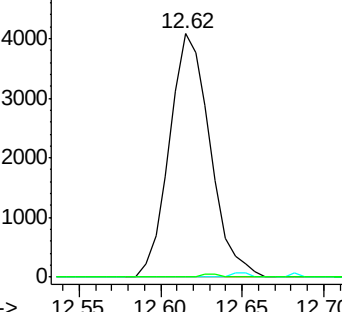
89 0.6 36.1 54.1#



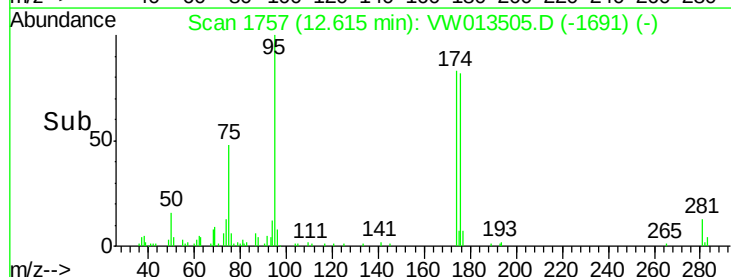
Abundance Ion 74.90 (74.60 to 75.60): VW

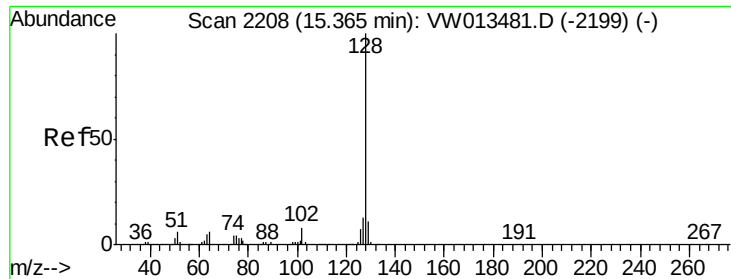
Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



Time-->

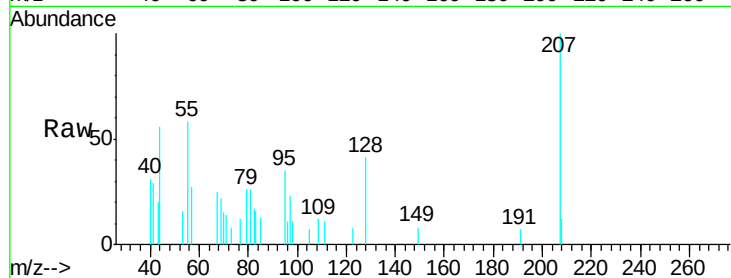




#95
Naphthalene
Concen: 1.155 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW013505.D
Acq: 09 Oct 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
TP-1-D1

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0
129	0.0	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

