

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013394.D
 Acq On : 02 Oct 2019 22:06
 Operator : SY/VA
 Sample : K5168-04
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2019073-SS-COMPOSITE-13

Quant Time: Oct 03 07:05:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	157174	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116826	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	7.88	113	117270	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	10.32	98	489059	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.62	95	159290	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

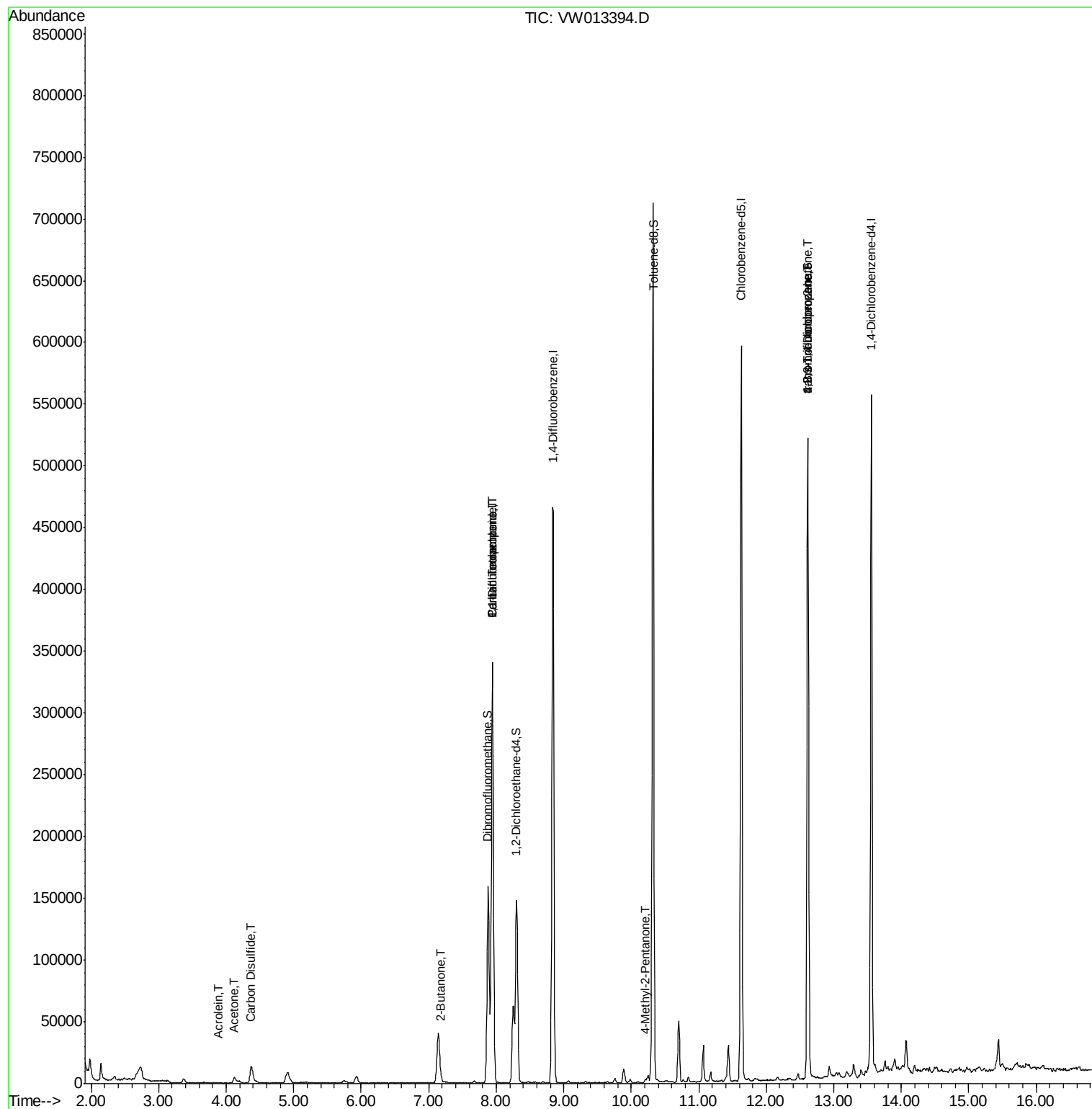
Target Compounds					Qvalue
11) Tert butyl alcohol	5.15	59	844	Below Cal	# 73
13) Acrolein	3.88	56	191	11.404	ug/l # 15
16) Acetone	4.12	43	9327	13.897	ug/l # 90
17) Carbon Disulfide	4.37	76	31617	4.198	ug/l # 93
25) 2-Butanone	7.18	43	1616	1.882	ug/l # 93
26) 2,2-Dichloropropane	7.13	77	3105	Below Cal	# 52
36) 1,1-Dichloropropene	7.94	75	18549	4.709	ug/l # 50
38) Carbon Tetrachloride	7.94	117	25300	7.415	ug/l # 18
51) 4-Methyl-2-Pentanone	10.21	43	2125	1.236	ug/l # 81
76) 1,2,3-Trichloropropane	12.62	75	72482	51.887	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.62	75	72482	105.269	ug/l # 12

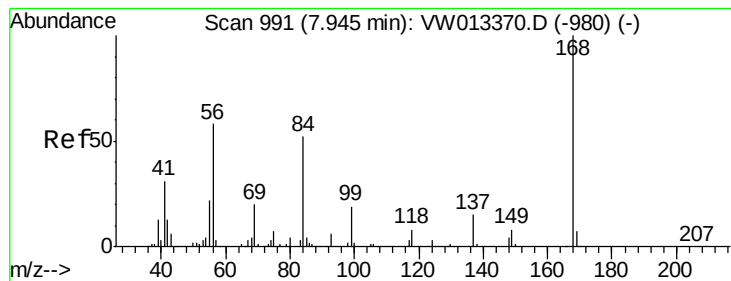
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 07:05:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013394.D

Acq: 02 Oct 2019 22:06

Instrument :

MSVOA_W

ClientSampleId :

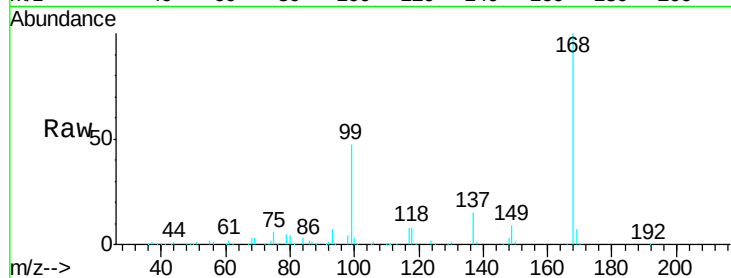
2019073-SS-COMPOSITE-13

Tgt Ion: 168 Resp: 293257

Ion Ratio Lower Upper

168 100

99 47.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

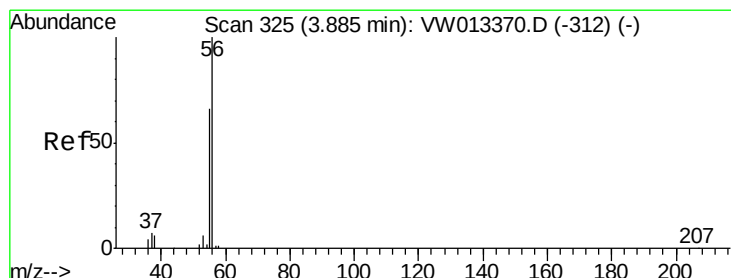
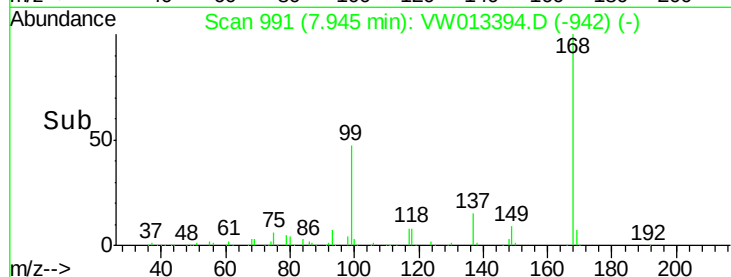
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 11.404 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW013394.D

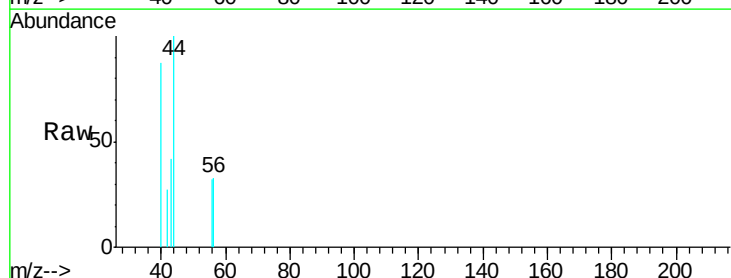
Acq: 02 Oct 2019 22:06

Tgt Ion: 56 Resp: 191

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.88

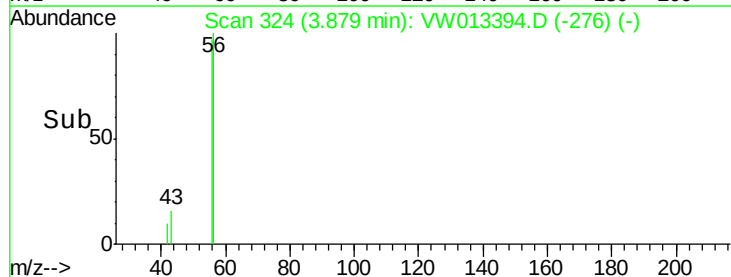
150

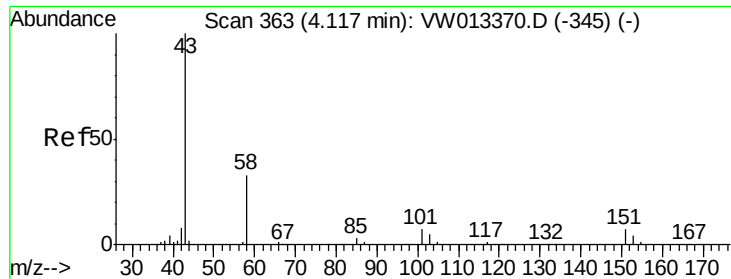
100

50

0

Time-->





#16

Acetone

Concen: 13.897 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013394.D

Acq: 02 Oct 2019 22:06

Instrument :

MSVOA_W

ClientSampleId :

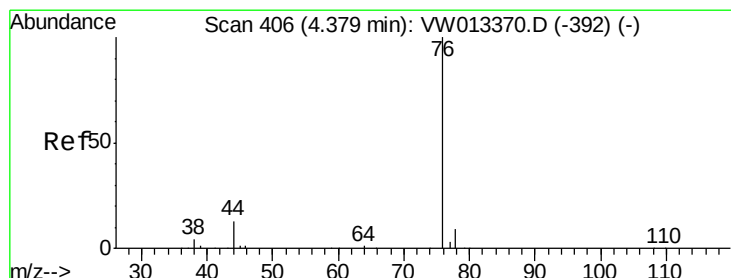
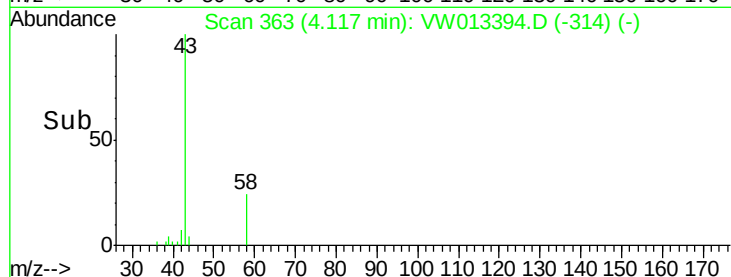
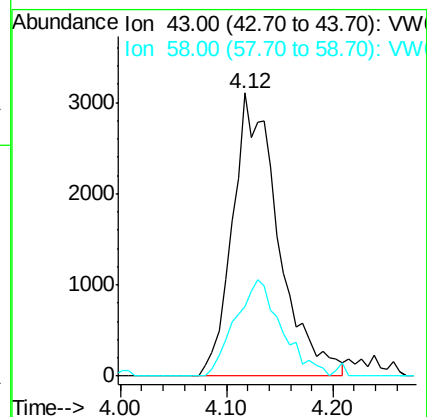
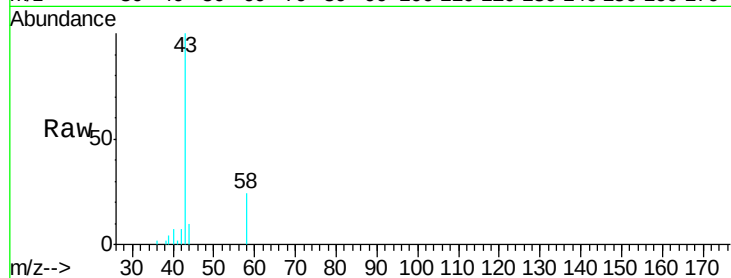
2019073-SS-COMPOSITE-13

Tgt Ion: 43 Resp: 9327

Ion Ratio Lower Upper

43 100

58 24.5 24.1 36.1



#17

Carbon Disulfide

Concen: 4.198 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW013394.D

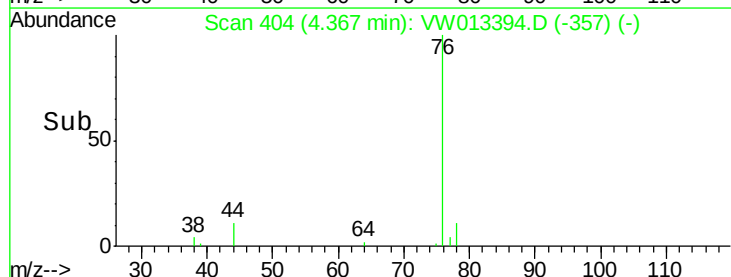
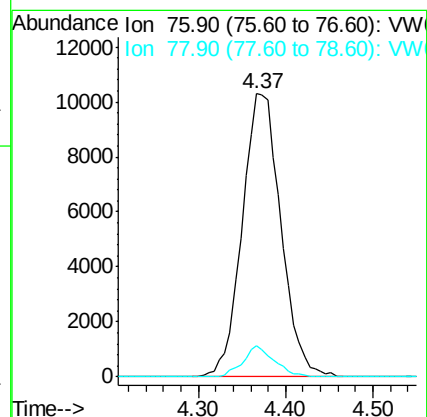
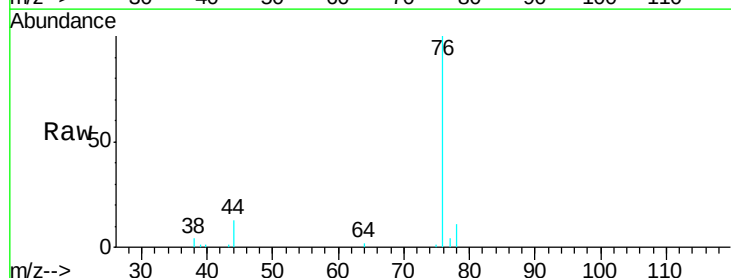
Acq: 02 Oct 2019 22:06

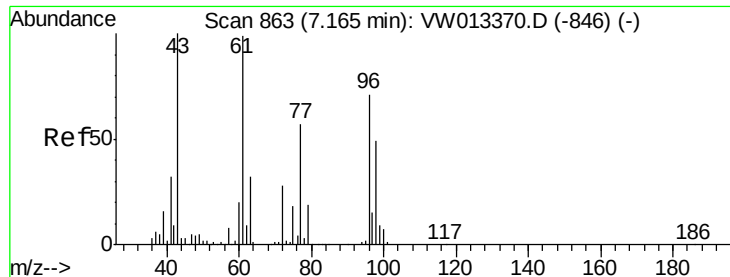
Tgt Ion: 76 Resp: 31617

Ion Ratio Lower Upper

76 100

78 11.2 7.0 10.4#





#25

2-Butanone

Concen: 1.882 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013394.D

Acq: 02 Oct 2019 22:06

Instrument :

MSVOA_W

ClientSampleId :

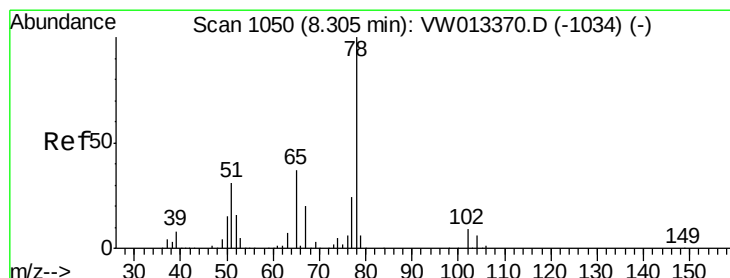
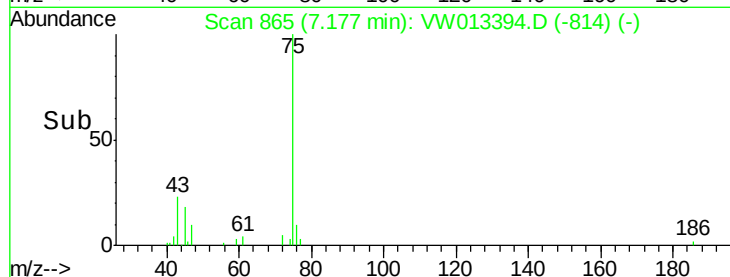
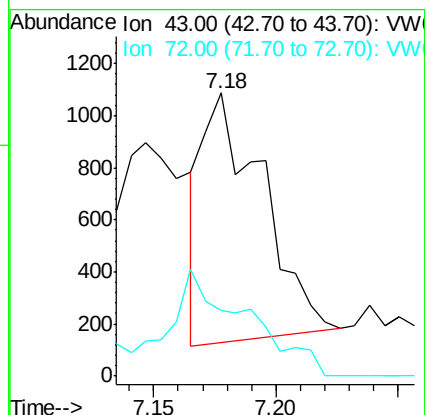
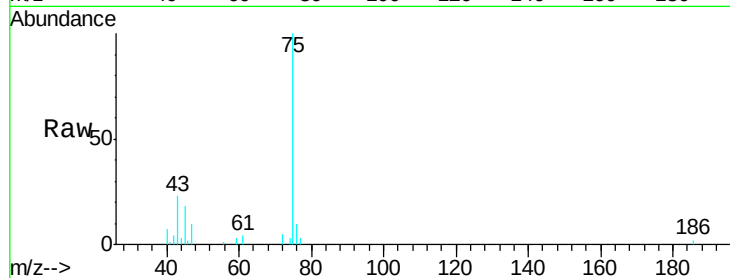
2019073-SS-COMPOSITE-13

Tgt Ion: 43 Resp: 1616

Ion Ratio Lower Upper

43 100

72 27.9 19.4 29.0



#33

1,2-Dichloroethane-d4

Concen: 53.353 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013394.D

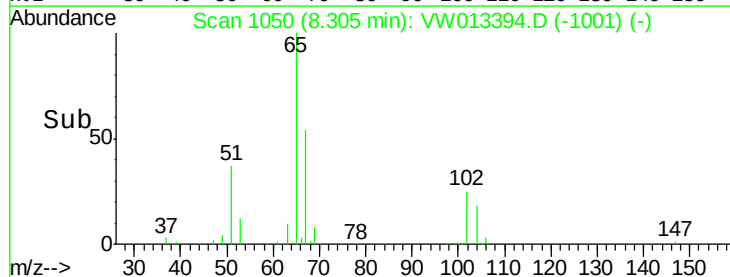
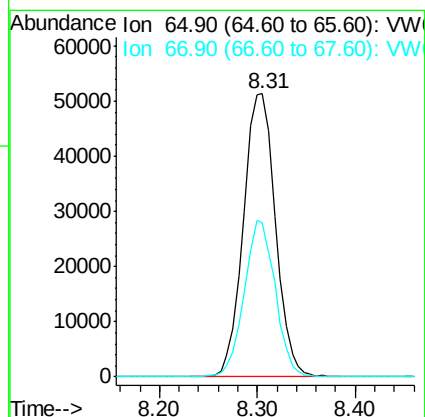
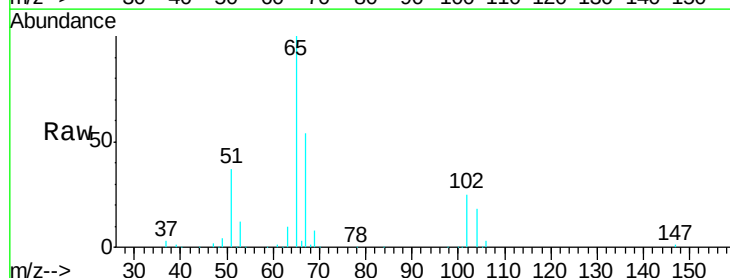
Acq: 02 Oct 2019 22:06

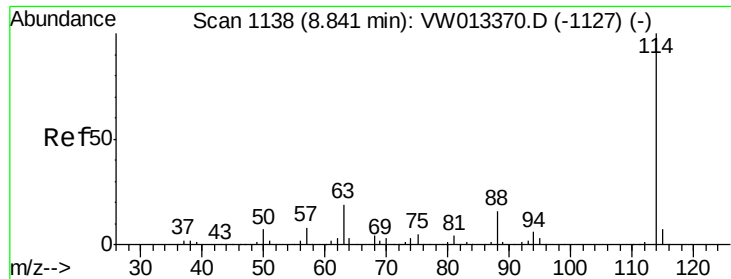
Tgt Ion: 65 Resp: 116826

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2

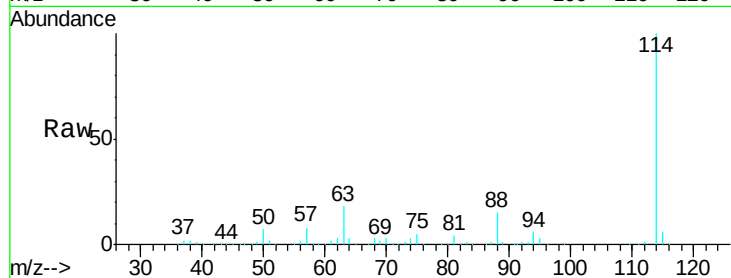




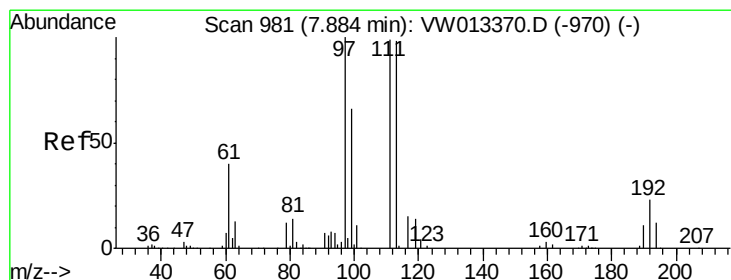
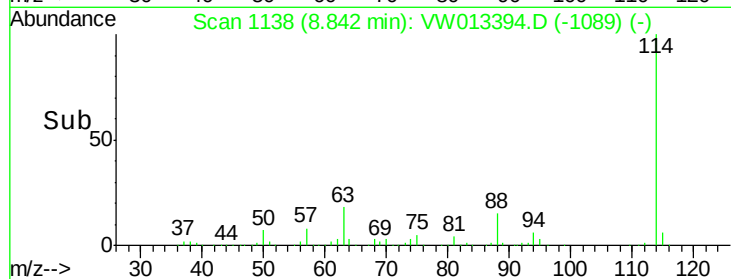
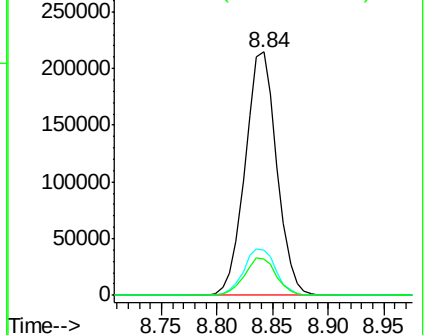
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013394.D
 Acq: 02 Oct 2019 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 2019073-SS-COMPOSITE-13

Tgt Ion:114 Resp: 424078
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.4
 88 15.1 0.0 32.0

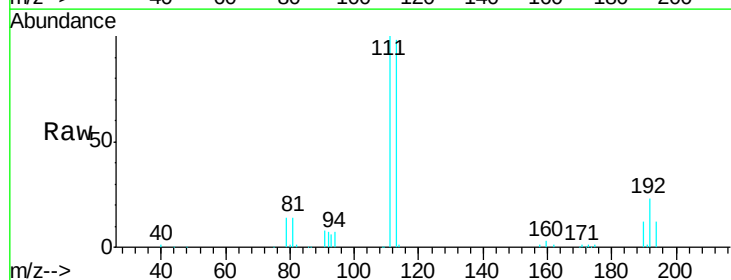


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

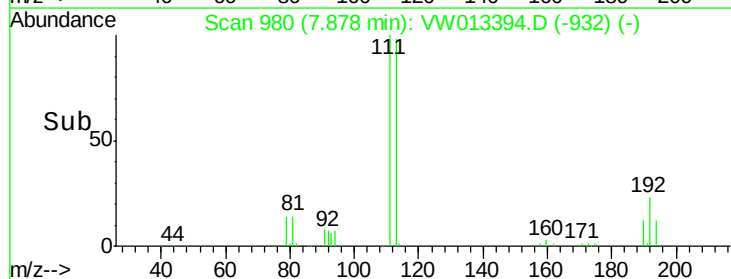
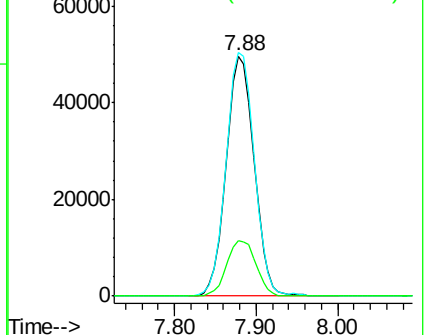


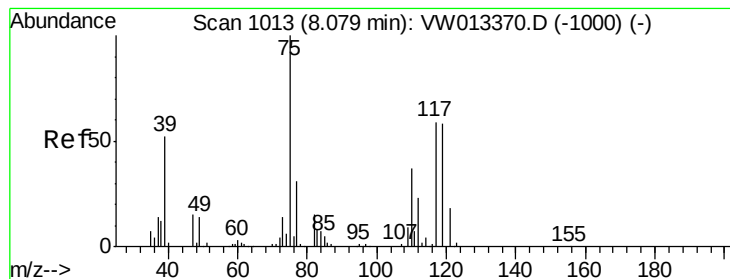
#35
 Dibromofluoromethane
 Concen: 52.700 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013394.D
 Acq: 02 Oct 2019 22:06

Tgt Ion:113 Resp: 117270
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 24.2 19.1 28.7



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: 4.709 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013394.D

Acq: 02 Oct 2019 22:06

Instrument :

MSVOA_W

ClientSampleId :

2019073-SS-COMPOSITE-13

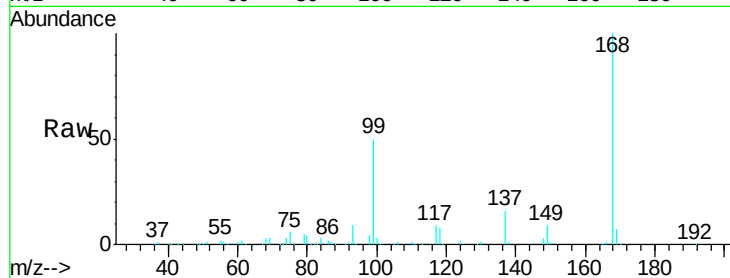
Tgt Ion: 75 Resp: 18549

Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.3#

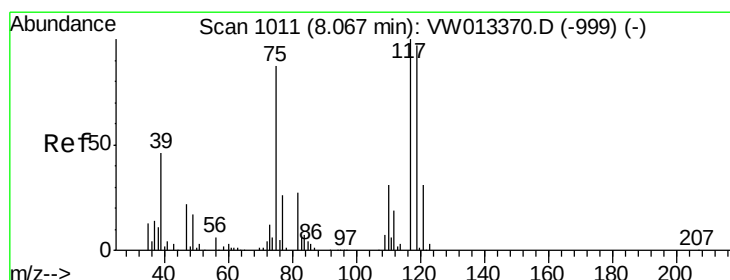
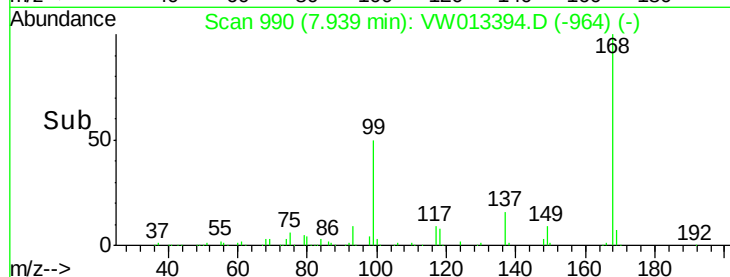
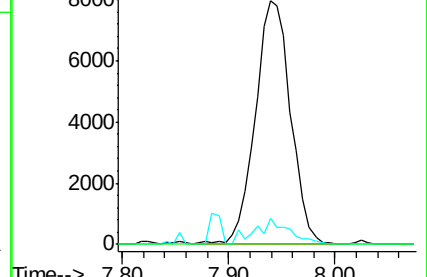
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 7.415 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW013394.D

Acq: 02 Oct 2019 22:06

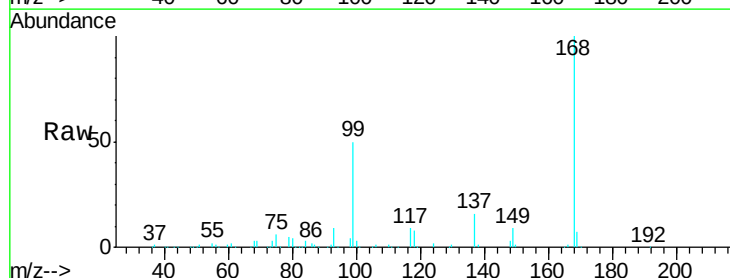
Tgt Ion: 117 Resp: 25300

Ion Ratio Lower Upper

117 100

119 5.0 73.5 110.3#

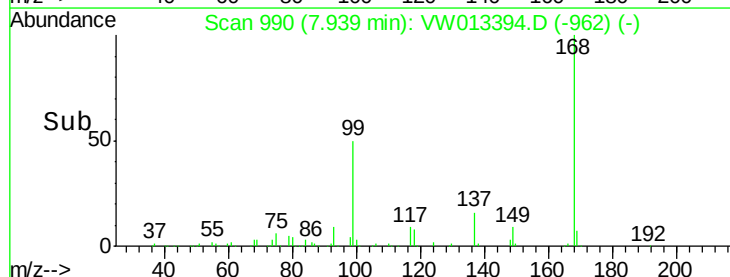
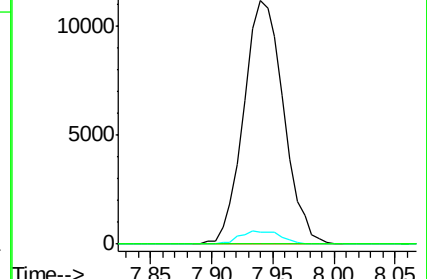
121 0.0 25.0 37.6#

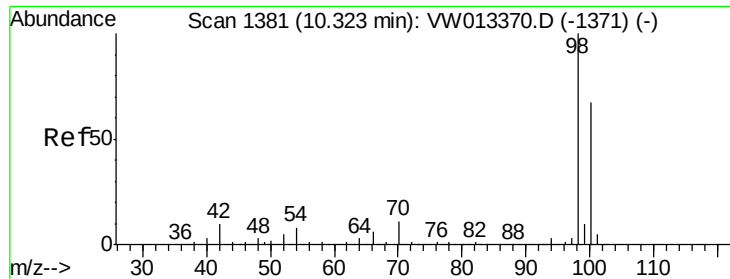


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 52.961 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013394.D

Acq: 02 Oct 2019 22:06

Instrument :

MSVOA_W

ClientSampleId :

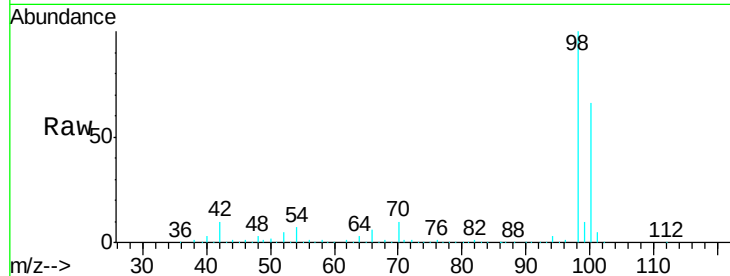
2019073-SS-COMPOSITE-13

Tgt Ion: 98 Resp: 489059

Ion Ratio Lower Upper

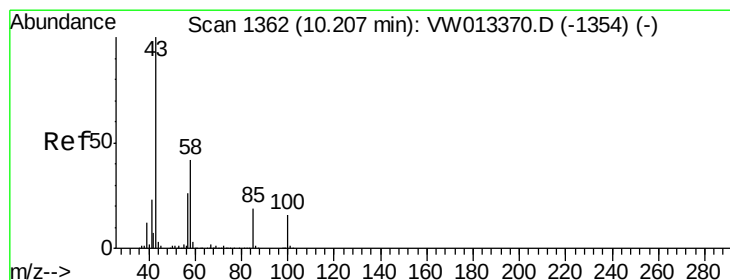
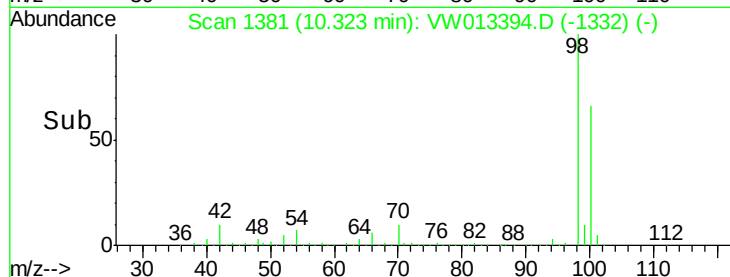
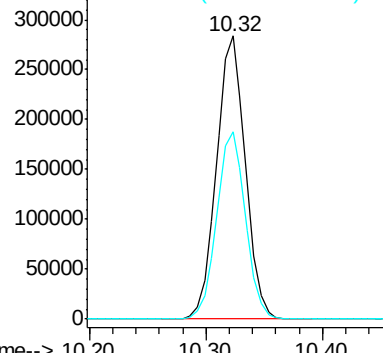
98 100

100 66.1 52.9 79.3



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: 1.236 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW013394.D

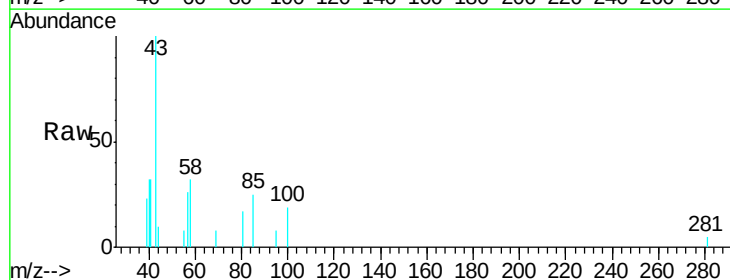
Acq: 02 Oct 2019 22:06

Tgt Ion: 43 Resp: 2125

Ion Ratio Lower Upper

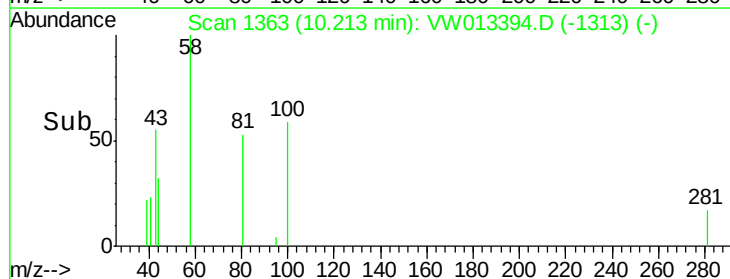
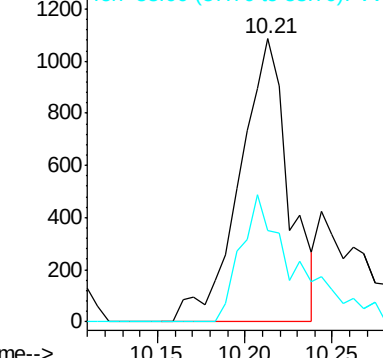
43 100

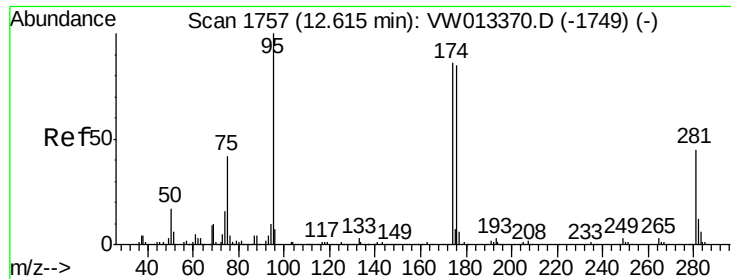
58 51.1 31.7 47.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 51.656 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013394.D

Acq: 02 Oct 2019 22:06

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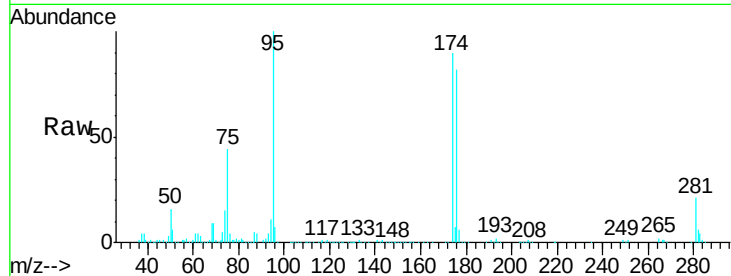
Tgt Ion: 95 Resp: 159290

Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.4

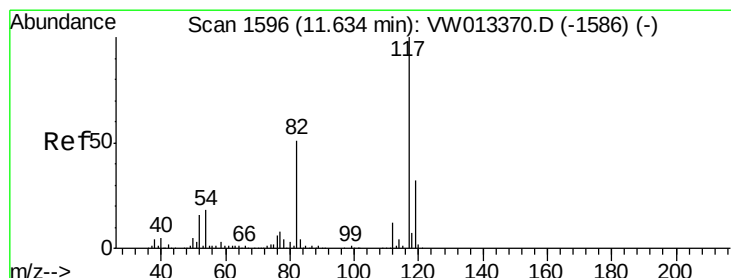
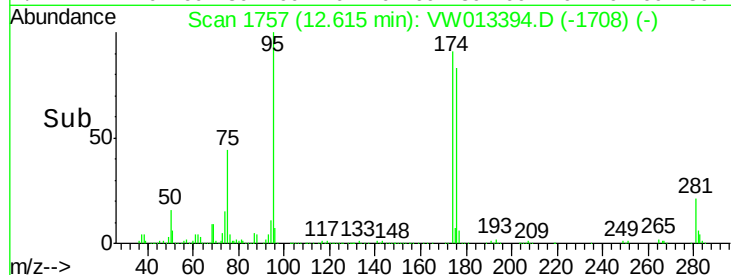
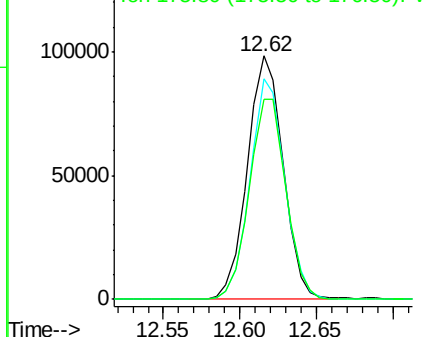
176 85.1 0.0 172.2



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: VW013394.D

Acq: 02 Oct 2019 22:06

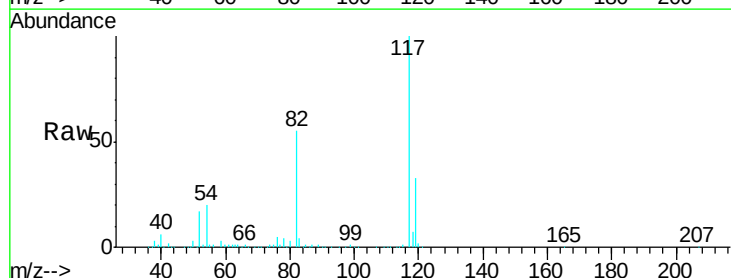
Tgt Ion: 117 Resp: 354162

Ion Ratio Lower Upper

117 100

82 55.0 45.9 68.9

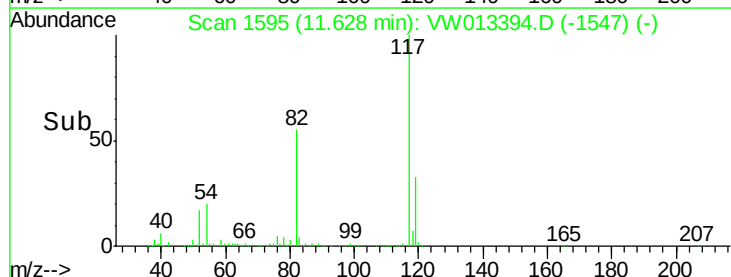
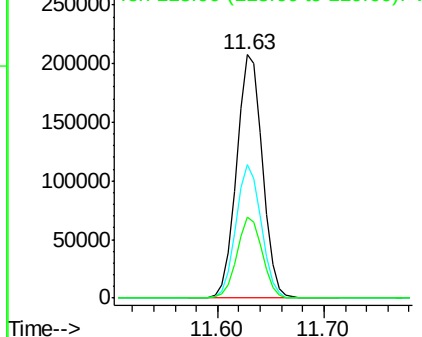
119 33.1 26.2 39.2

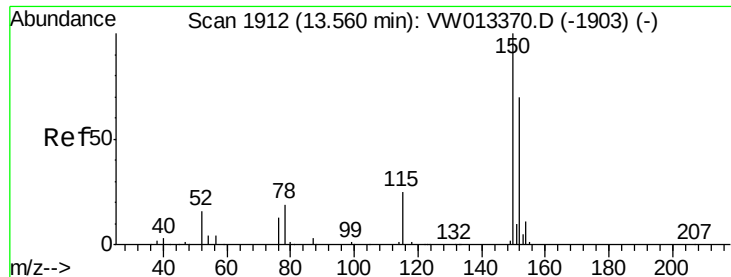


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

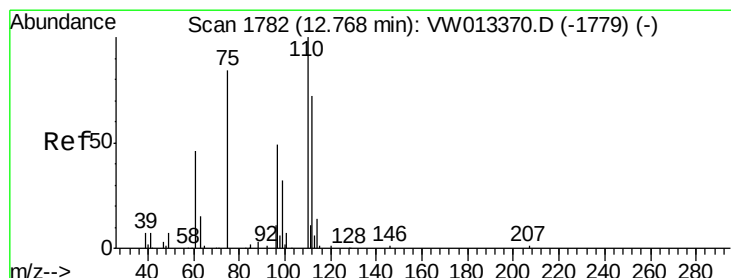
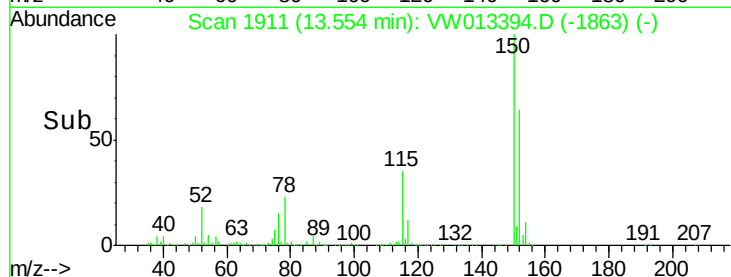
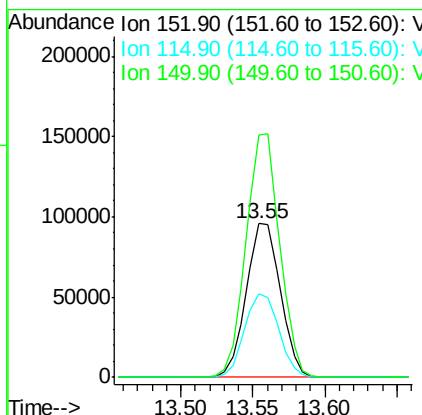
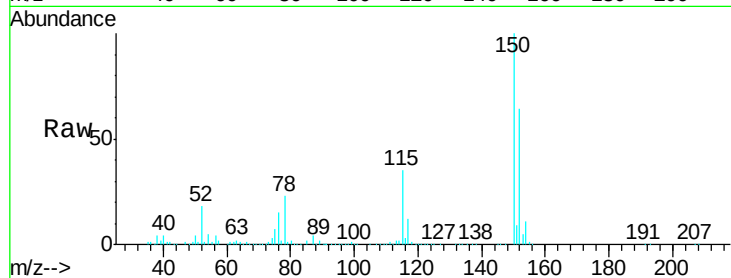




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: VW013394.D
 Acq: 02 Oct 2019 22:06

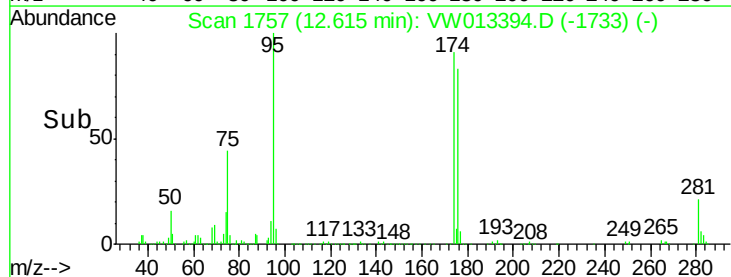
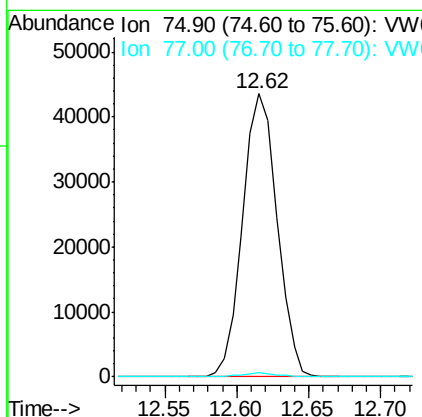
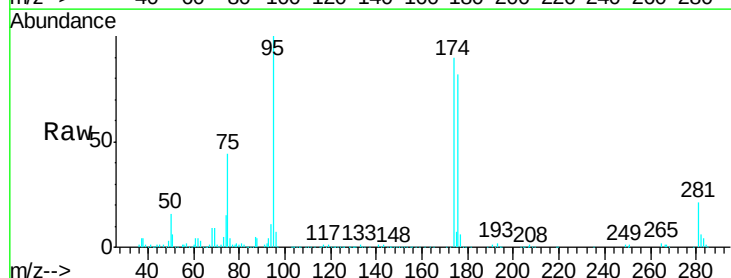
Instrument :
 MSVOA_W
 ClientSampleId :
 2019073-SS-COMPOSITE-13

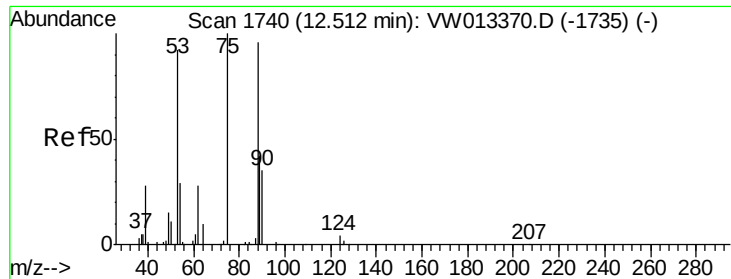
Tgt Ion:152 Resp: 157174
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.3 81.9
 150 155.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 51.887 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013394.D
 Acq: 02 Oct 2019 22:06

Tgt Ion: 75 Resp: 72482
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 105.269 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013394.D

Acq: 02 Oct 2019 22:06

Instrument :

MSVOA_W

ClientSampleId :

2019073-SS-COMPOSITE-13

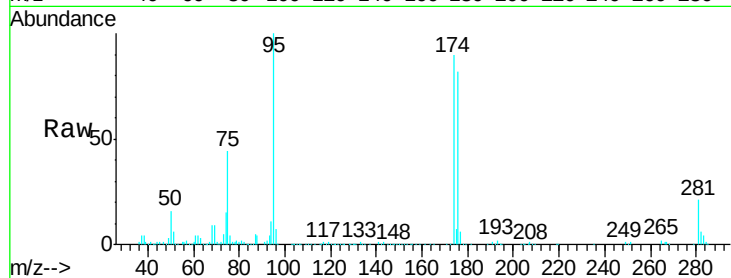
Tgt Ion: 75 Resp: 72482

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.0 33.5 50.3#



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

