

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013465.D
 Acq On : 07 Oct 2019 16:02
 Operator : SY/VA
 Sample : K5231-03
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190767-SS-COMPOSITE-7

Quant Time: Oct 07 17:54:51 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	320778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	477357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	189243	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	129813	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
35) Dibromofluoromethane	7.88	113	133259	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	
50) Toluene-d8	10.32	98	558658	53.75	ug/l	0.00
Spiked Amount			Recovery	=	107.50%	
62) 4-Bromofluorobenzene	12.62	95	181669	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	

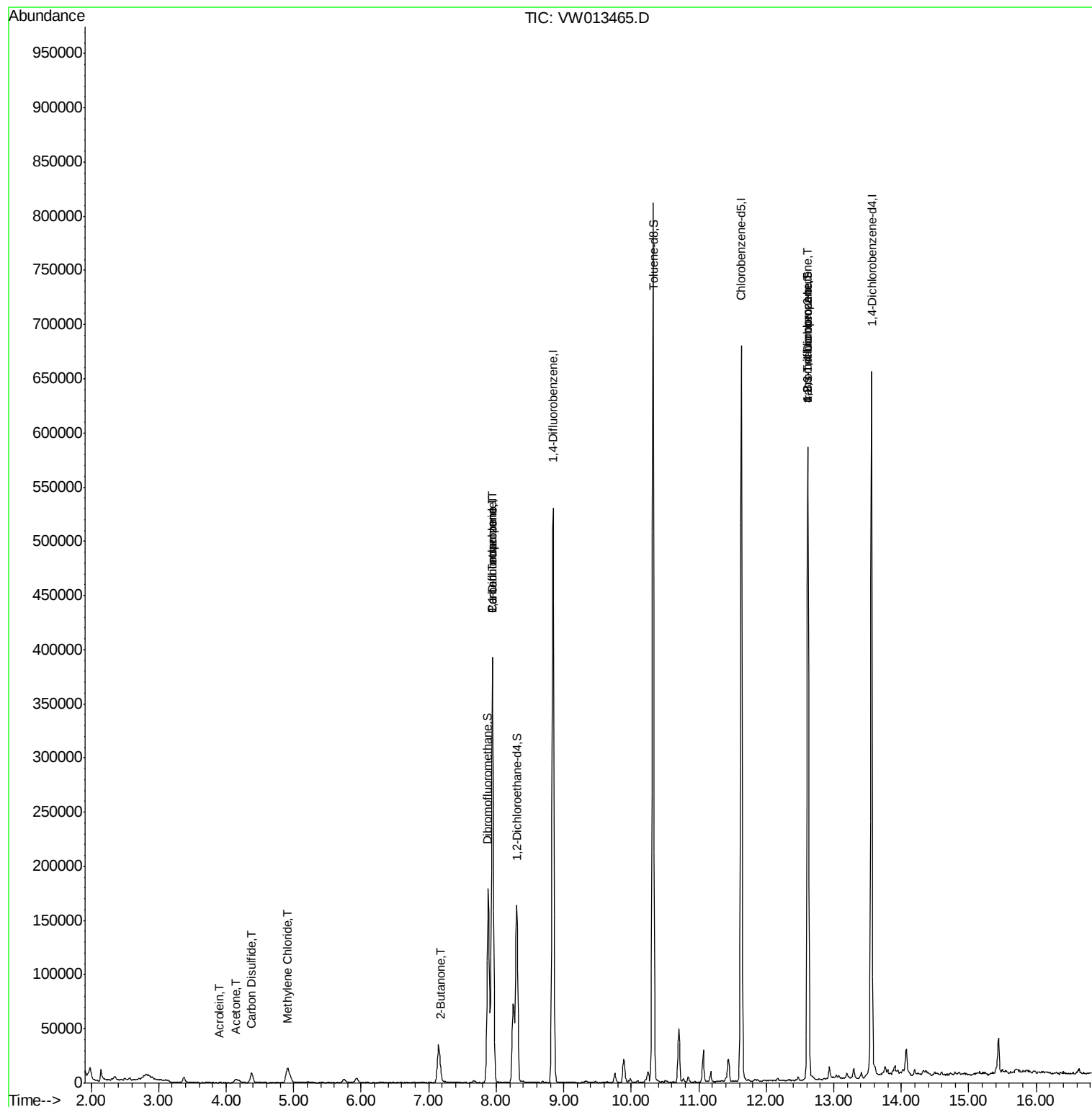
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.10	59	189	Below Cal	#	73
13) Acrolein	3.90	56	119	11.048	ug/l #	15
16) Acetone	4.15	43	6931	9.441	ug/l #	81
17) Carbon Disulfide	4.37	76	20284	2.462	ug/l	96
20) Methylene Chloride	4.90	84	11683	2.097	ug/l	91
25) 2-Butanone	7.18	43	1579	1.681	ug/l #	56
26) 2,2-Dichloropropane	7.13	77	2700	Below Cal	#	52
36) 1,1-Dichloropropene	7.94	75	19849	4.477	ug/l #	49
38) Carbon Tetrachloride	7.95	117	26887	7.001	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	84623	50.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84623	102.203	ug/l #	12

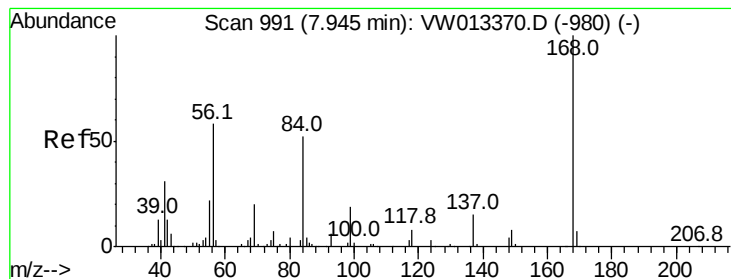
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100719\
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20190767-SS-COMPOSITE-7

Quant Time: Oct 07 17:54:51 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: VW013465.D

Acq: 07 Oct 2019 16:02

Instrument :

MSVOA_W

ClientSampleId :

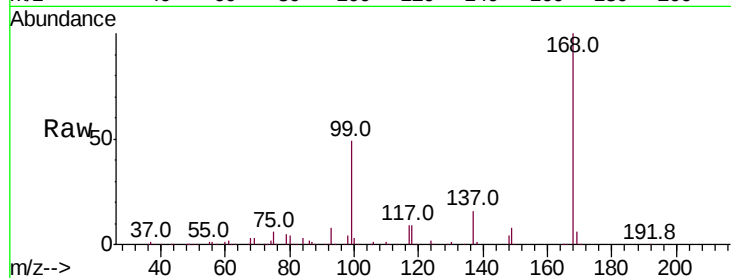
20190767-SS-COMPOSITE-7

Tot Ion:168 Resp: 320778

Ion Ratio Lower Upper

168 100

99 48.7 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

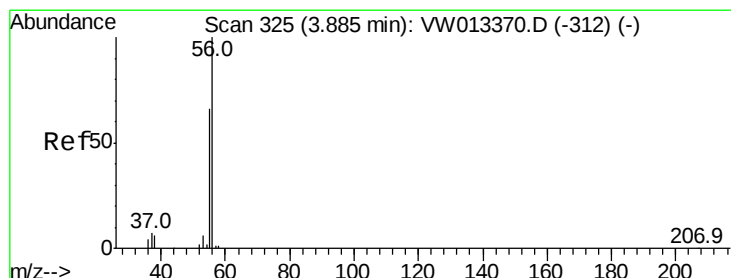
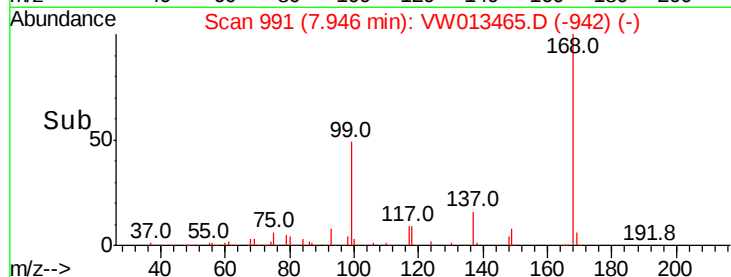
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#13

Acrolein

Concen: 11.048 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.02 min

Lab File: VW013465.D

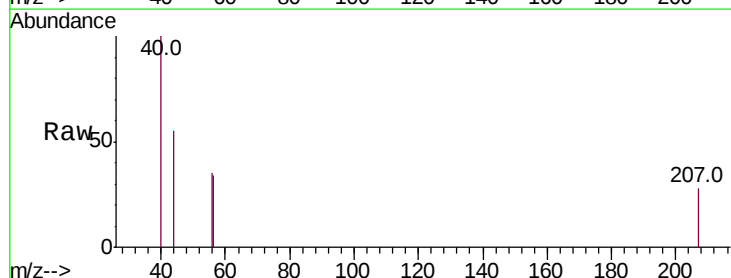
Acq: 07 Oct 2019 16:02

Tgt Ion: 56 Resp: 119

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

3.90

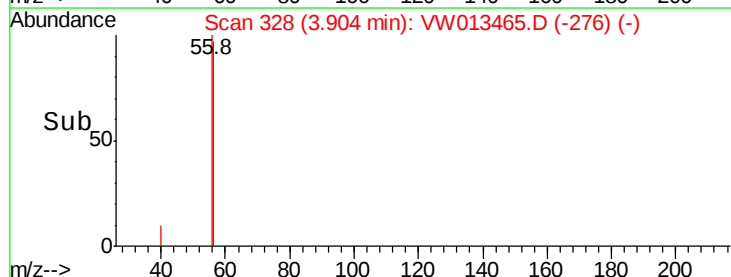
150

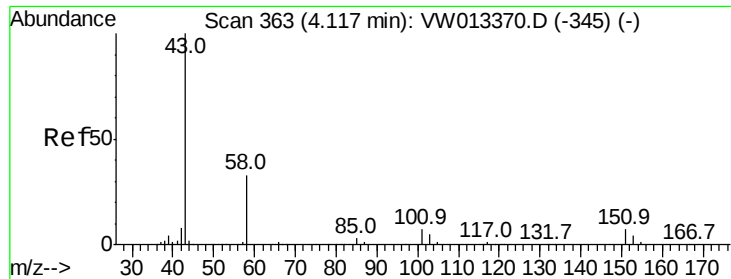
100

50

0

Time--> 3.86 3.88 3.90 3.92





#16

Acetone

Concen: 9.441 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW013465.D

Acq: 07 Oct 2019 16:02

Instrument :

MSVOA_W

ClientSampleId :

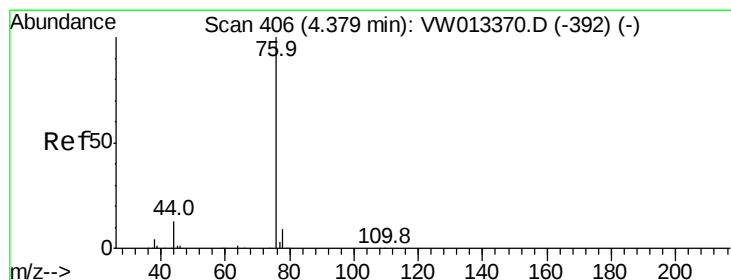
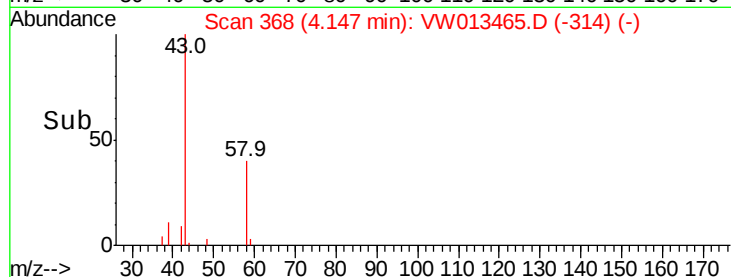
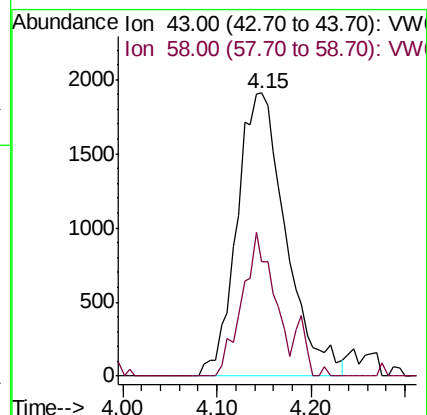
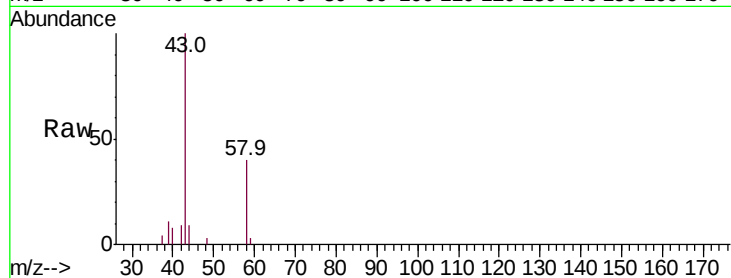
20190767-SS-COMPOSITE-7

Tot Ion: 43 Resp: 6931

Ion Ratio Lower Upper

43 100

58 40.2 24.1 36.1#



#17

Carbon Disulfide

Concen: 2.462 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013465.D

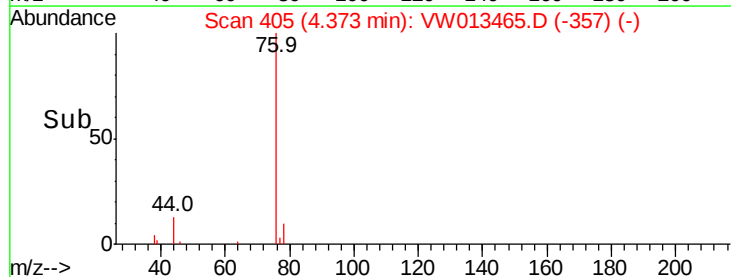
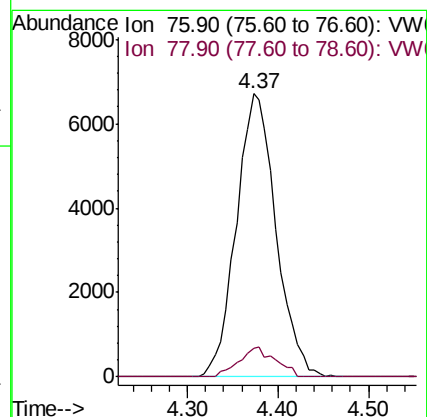
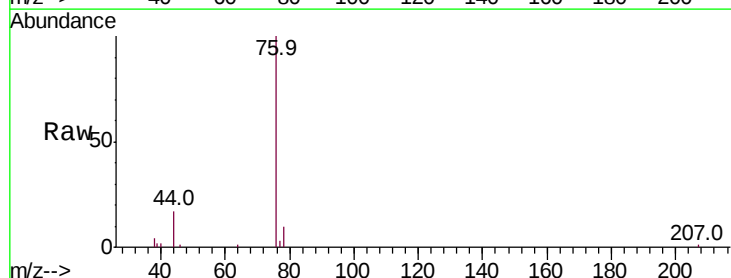
Acq: 07 Oct 2019 16:02

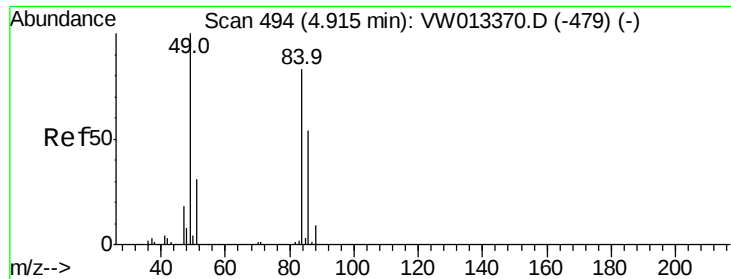
Tgt Ion: 76 Resp: 20284

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.4

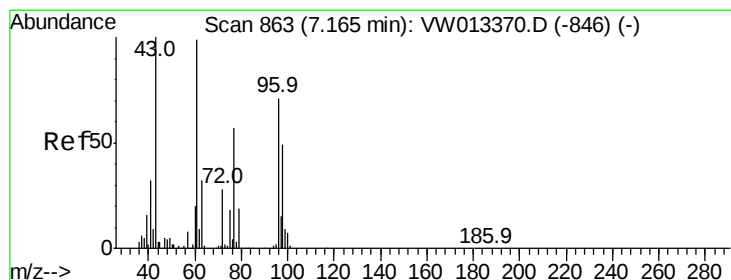
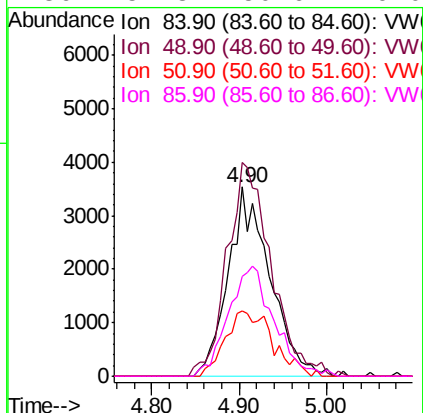
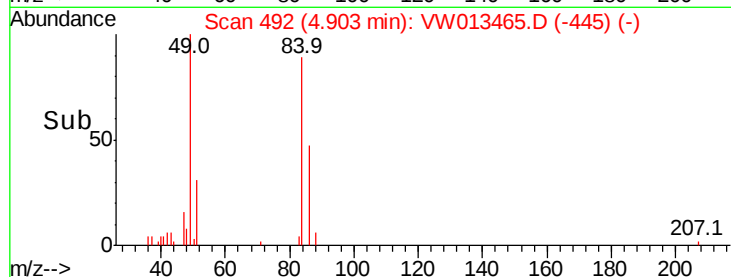
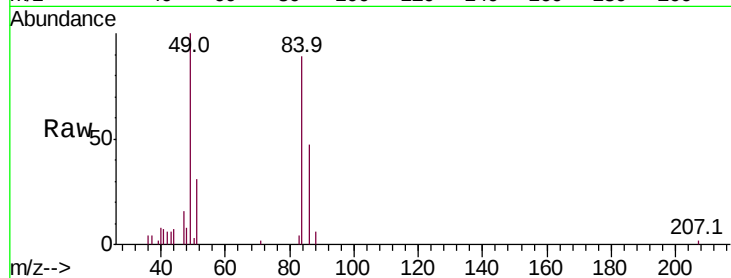




#20
Methylene Chloride
Concen: 2.097 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013465.D
Acq: 07 Oct 2019 16:02

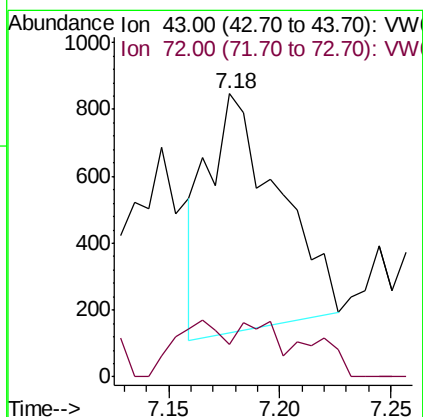
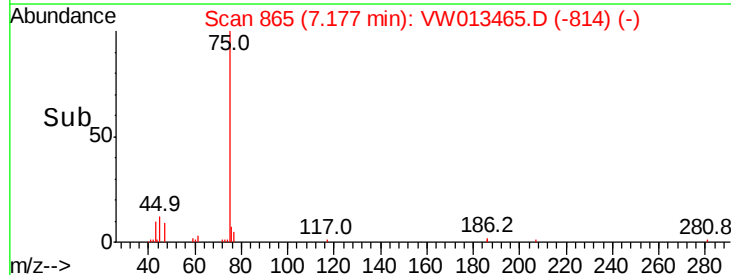
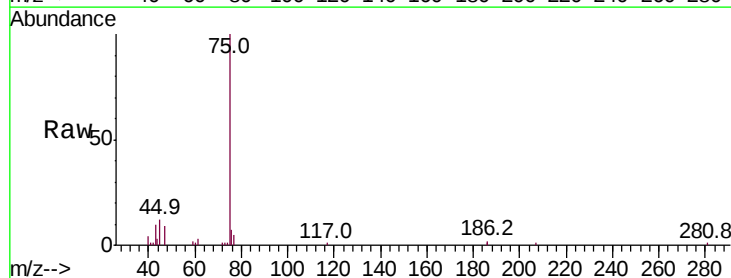
Instrument :
MSVOA_W
ClientSampleId :
20190767-SS-COMPOSITE-7

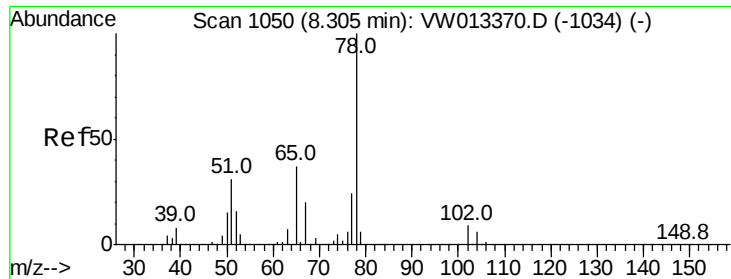
Tot Ion: 84 Resp: 11683
Ion Ratio Lower Upper
84 100
49 113.0 97.6 146.4
51 34.5 30.2 45.2
86 52.8 50.6 76.0



#25
2-Butanone
Concen: 1.681 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013465.D
Acq: 07 Oct 2019 16:02

Tgt Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
72 2.6 19.4 29.0#





#33

1,2-Dichloroethane-d4

Concen: 54.198 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013465.D

Acq: 07 Oct 2019 16:02

Instrument :

MSVOA_W

ClientSampleId :

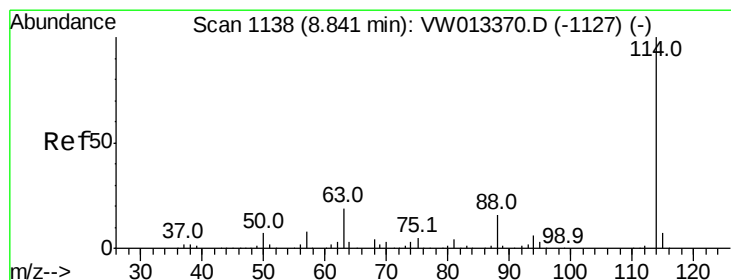
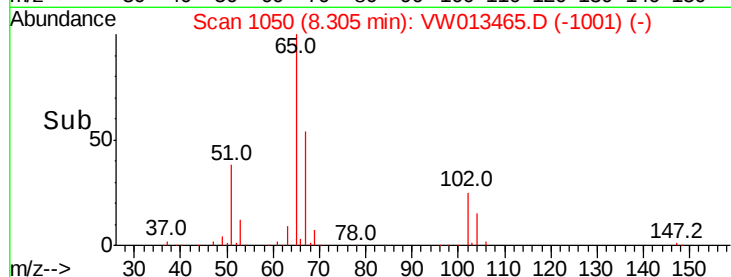
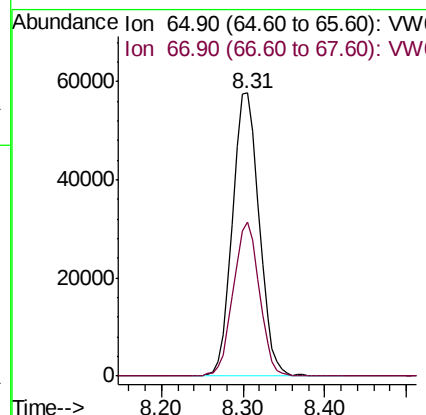
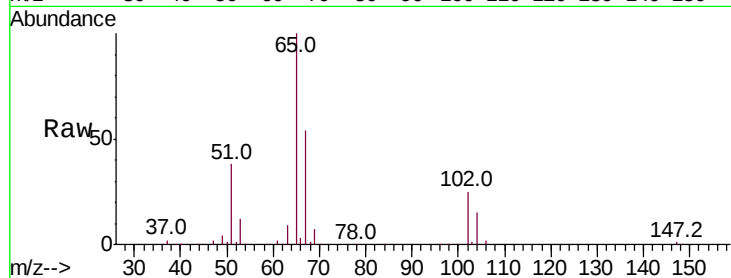
20190767-SS-COMPOSITE-7

Tot Ion: 65 Resp: 129813

Ion Ratio Lower Upper

65 100

67 53.3 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: VW013465.D

Acq: 07 Oct 2019 16:02

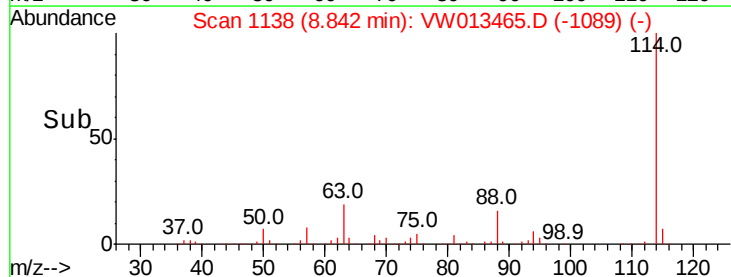
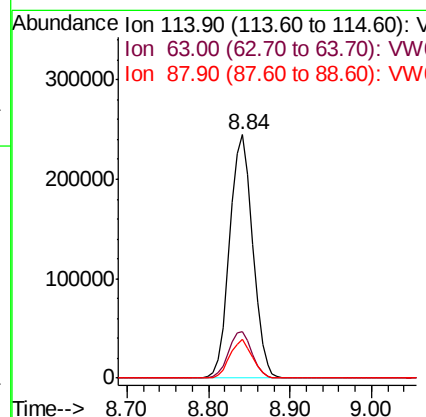
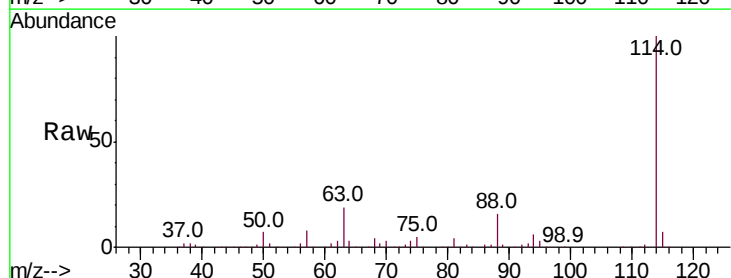
Tgt Ion: 114 Resp: 477357

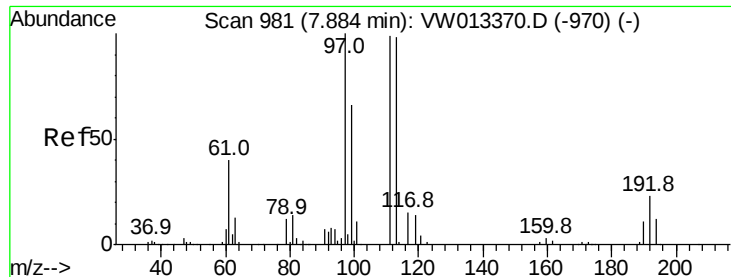
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.201 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013465.D

Acq: 07 Oct 2019 16:02

Instrument :

MSVOA_W

ClientSampleId :

20190767-SS-COMPOSITE-7

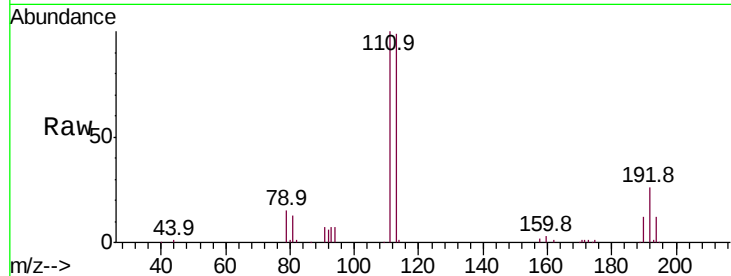
Tot Ion:113 Resp: 133259

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

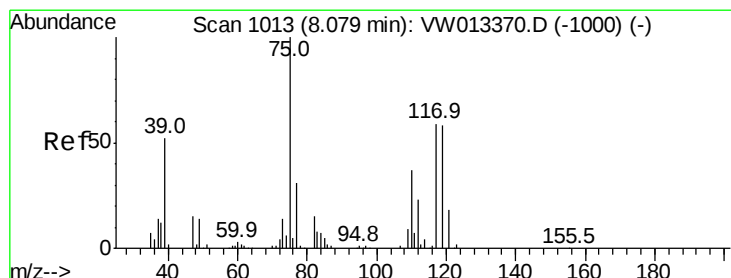
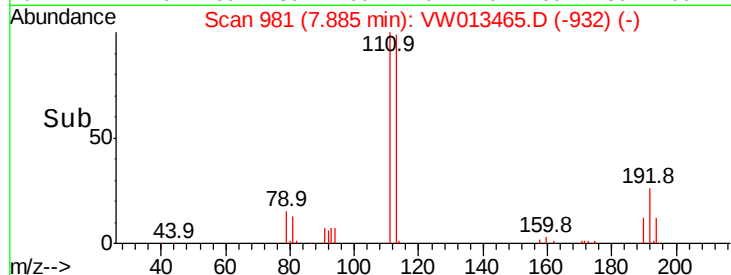
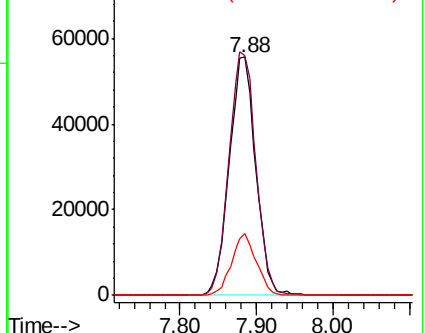
192 24.3 19.1 28.7



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: 4.477 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013465.D

Acq: 07 Oct 2019 16:02

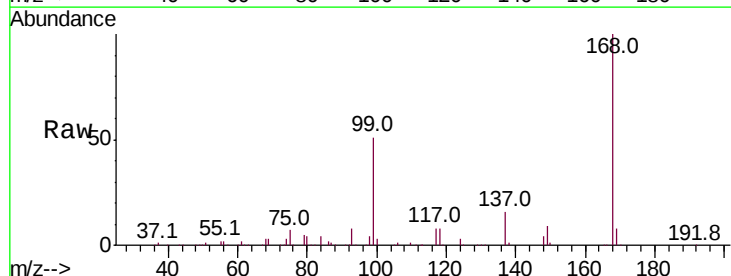
Tgt Ion: 75 Resp: 19849

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.3#

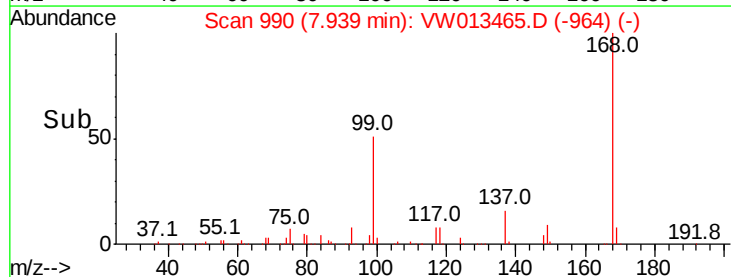
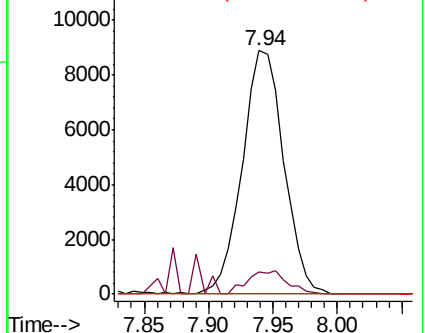
77 0.0 25.8 38.6#

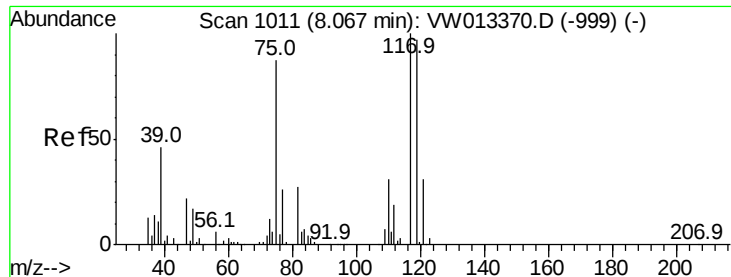


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 7.001 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013465.D

Acq: 07 Oct 2019 16:02

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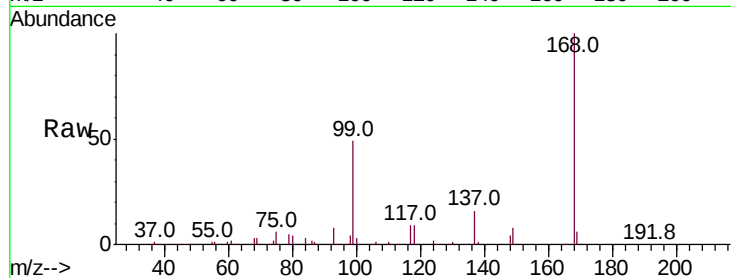
Tot Ion:117 Resp: 26887

Ion Ratio Lower Upper

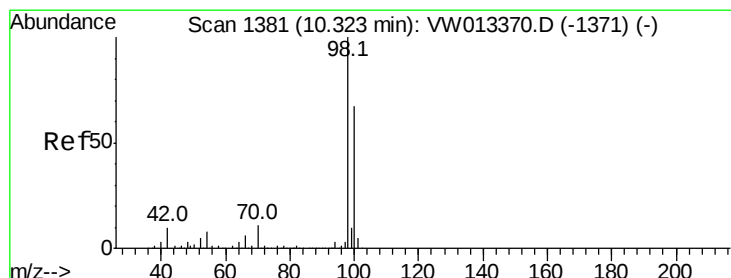
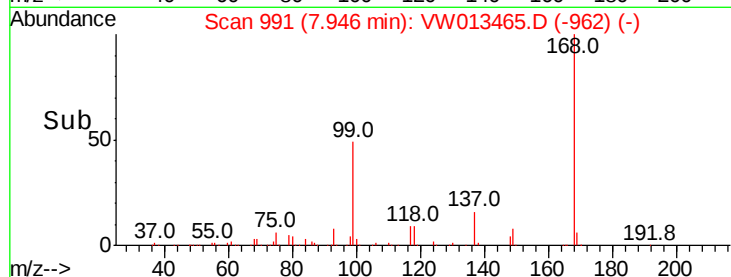
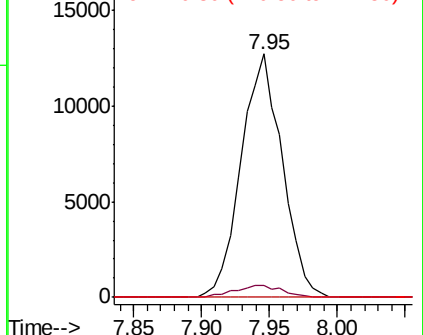
117 100

119 4.9 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: 53.746 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013465.D

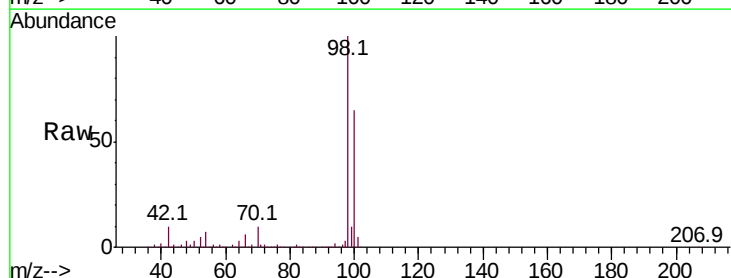
Acq: 07 Oct 2019 16:02

Tgt Ion: 98 Resp: 558658

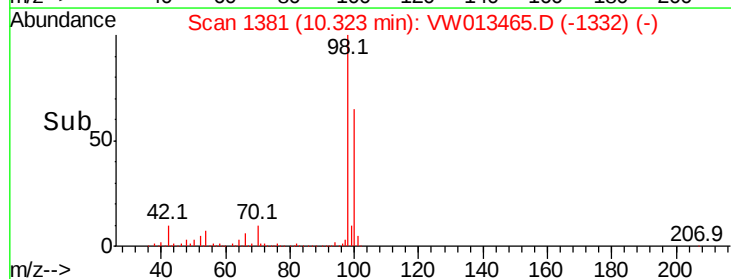
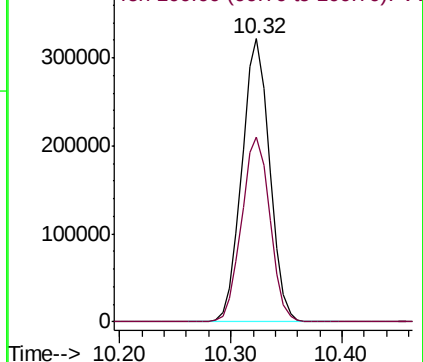
Ion Ratio Lower Upper

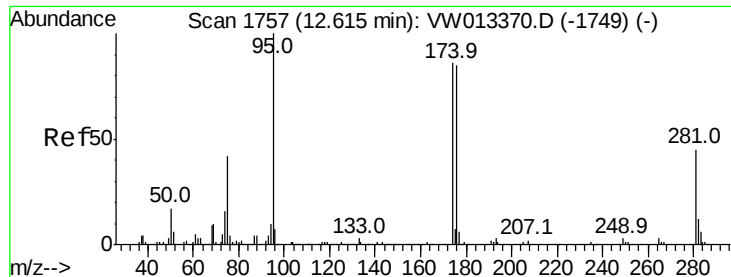
98 100

100 66.3 52.9 79.3



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

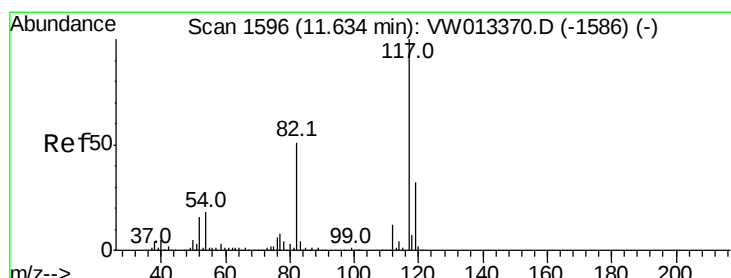
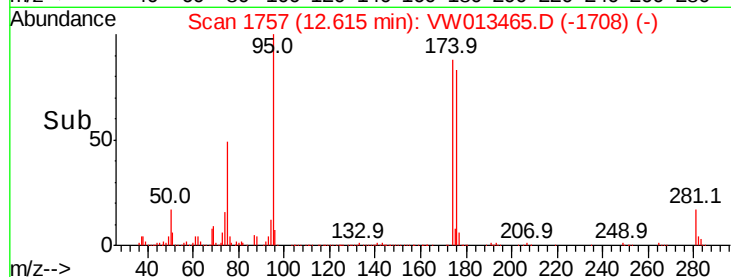
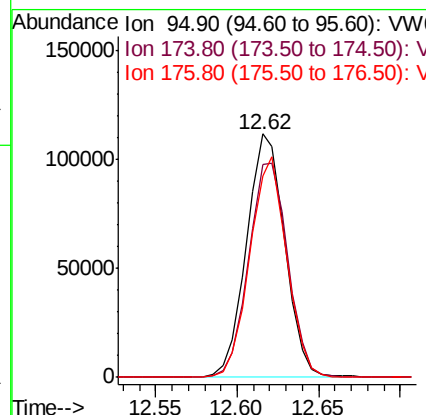
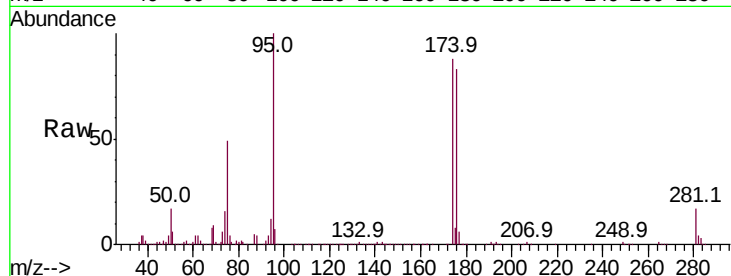




#62
4-Bromofluorobenzene
Concen: 52.338 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013465.D
Acq: 07 Oct 2019 16:02

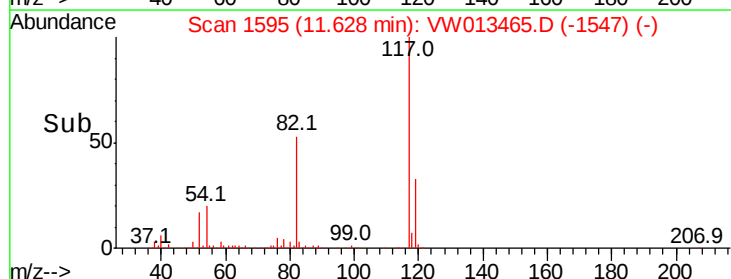
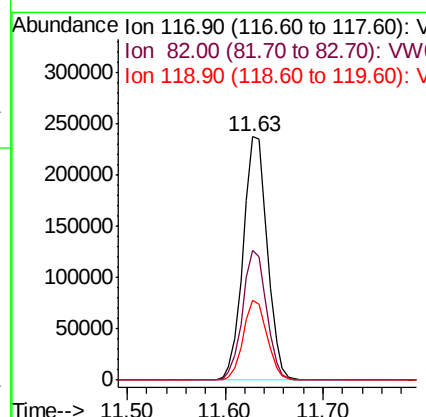
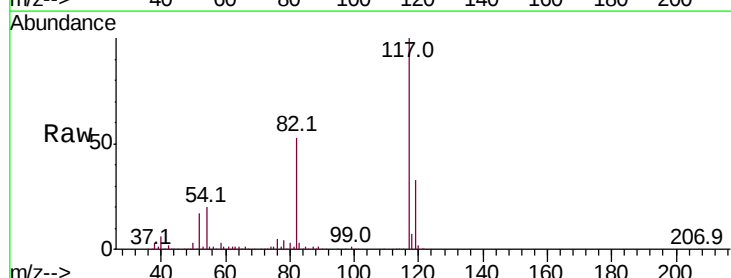
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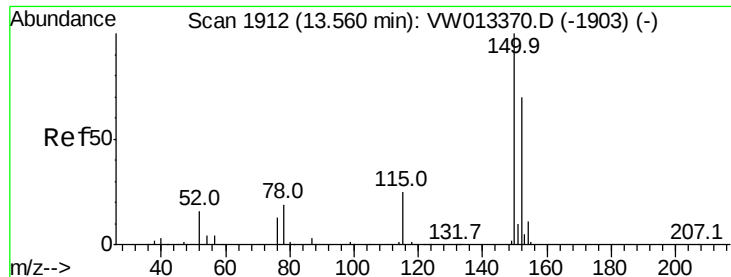
Tot Ion: 95 Resp: 181669
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.4
176 87.5 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013465.D
Acq: 07 Oct 2019 16:02

Tgt Ion: 117 Resp: 406241
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 32.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013465.D

Acq: 07 Oct 2019 16:02

Instrument :

MSVOA_W

ClientSampleId :

20190767-SS-COMPOSITE-7

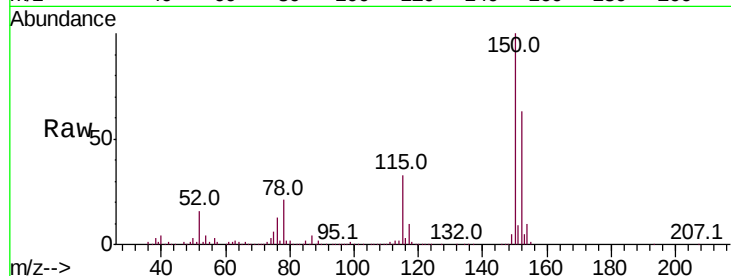
Tot Ion:152 Resp: 189243

Ion Ratio Lower Upper

152 100

115 54.2 27.3 81.9

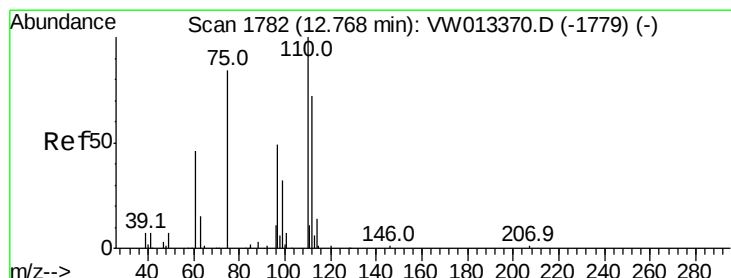
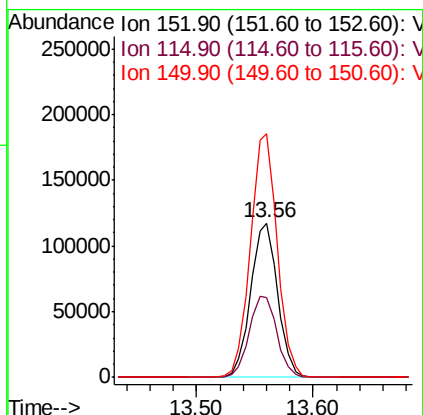
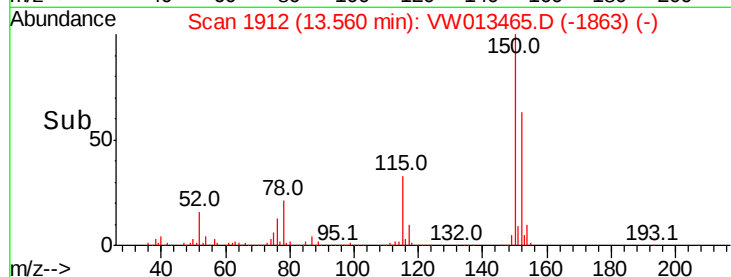
150 157.1 0.0 349.0



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: 50.313 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013465.D

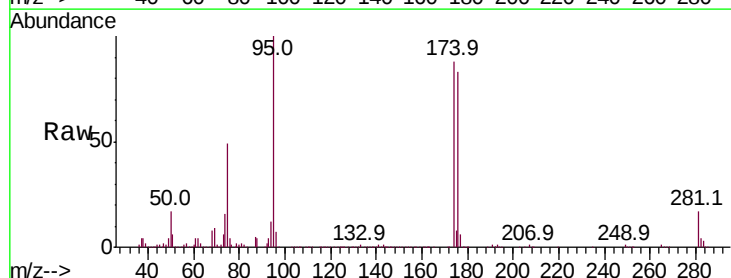
Acq: 07 Oct 2019 16:02

Tgt Ion: 75 Resp: 84623

Ion Ratio Lower Upper

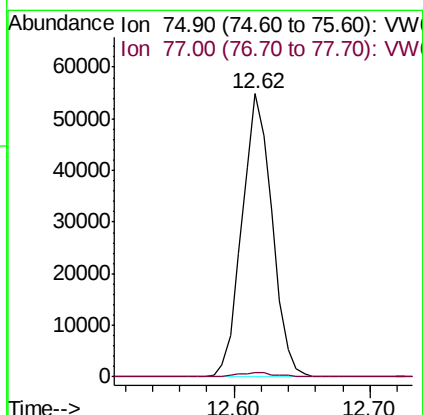
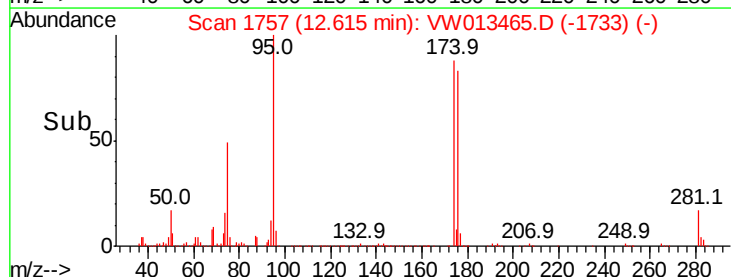
75 100

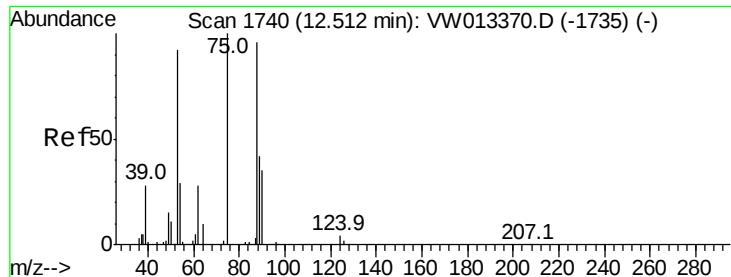
77 1.8 0.0 0.0#



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: 102.203 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013465.D

Acq: 07 Oct 2019 16:02

Instrument :

MSVOA_W

ClientSampleId :

20190767-SS-COMPOSITE-7

Tot Ion: 75 Resp: 84623

Ion Ratio Lower Upper

75 100

53 0.3 76.6 114.8#

89 0.2 33.5 50.3#

