

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005017.D
 Acq On : 30 Aug 2018 14:43
 Operator : SY/AP
 Sample : J4671-01RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TL-SPEEDY-DRYRE

Quant Time: Aug 30 15:20:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	260298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	437471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	115641	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	141447	79.44	ug/l	0.00
Spiked Amount			Recovery	=	158.88%	
35) Dibromofluoromethane	7.89	113	132859	61.29	ug/l	0.00
Spiked Amount			Recovery	=	122.58%	
50) Toluene-d8	10.33	98	343857	28.89	ug/l	0.00
Spiked Amount			Recovery	=	57.78%	
62) 4-Bromofluorobenzene	12.62	95	120575	27.79	ug/l	0.00
Spiked Amount			Recovery	=	55.58%	

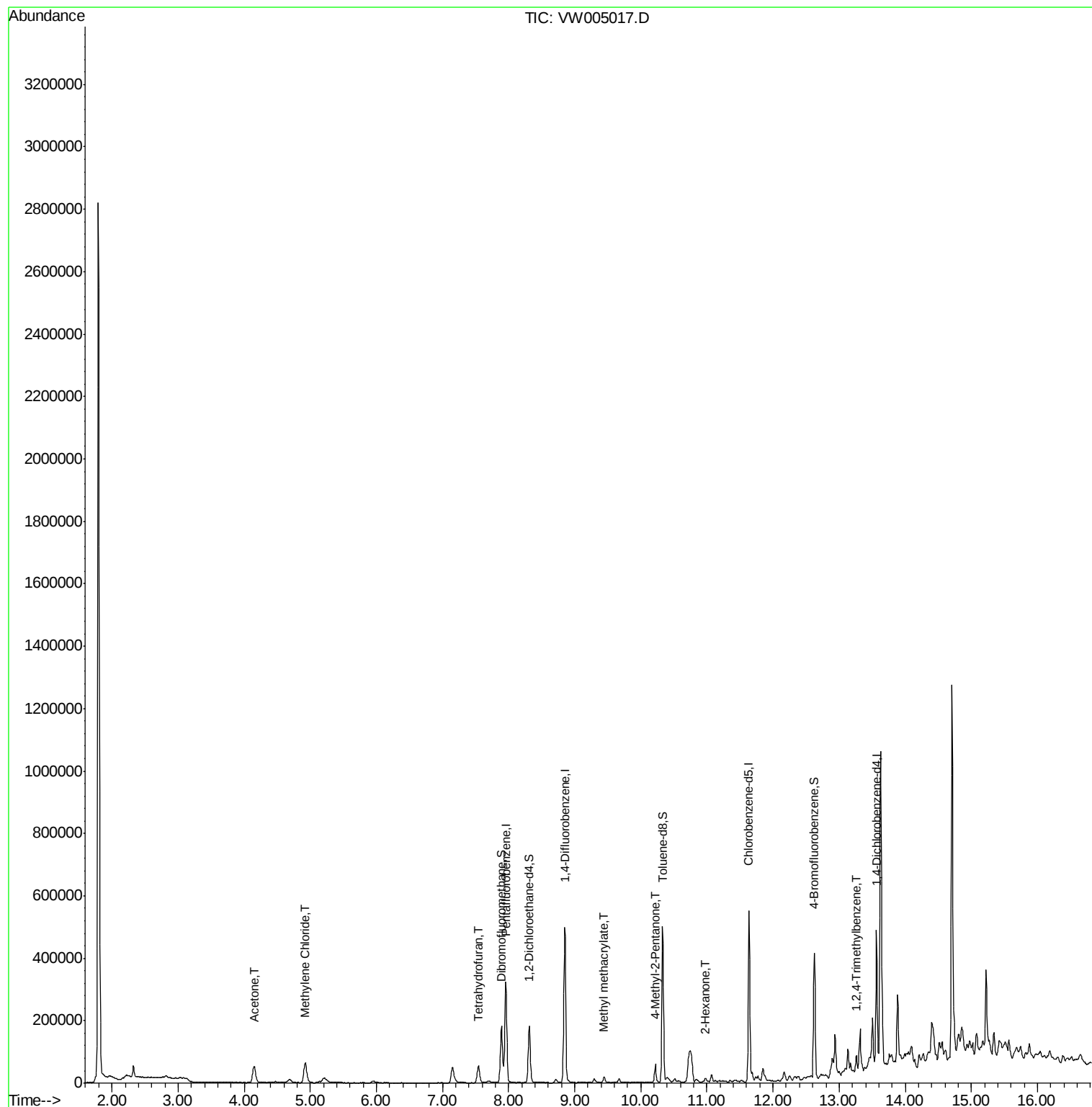
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	104245	259.62	ug/l	99
20) Methylene Chloride	4.92	84	53121	15.52	ug/l	98
29) Tetrahydrofuran	7.54	42	40749	128.83	ug/l	98
48) Methyl methacrylate	9.45	41	9584	8.46	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	38475	19.32	ug/l	98
59) 2-Hexanone	10.98	43	9315	6.46	ug/l	86
84) 1,2,4-Trimethylbenzene	13.26	105	35028	5.07	ug/l	99

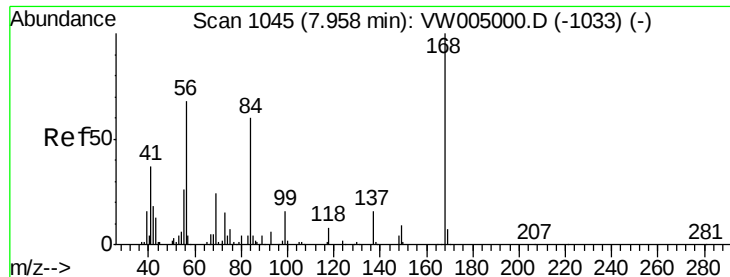
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:51:13 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

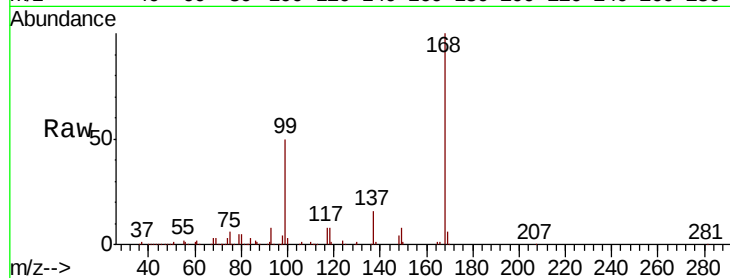
TL-SPEEDY-DRYRE

Tot Ion:168 Resp: 260298

Ion Ratio Lower Upper

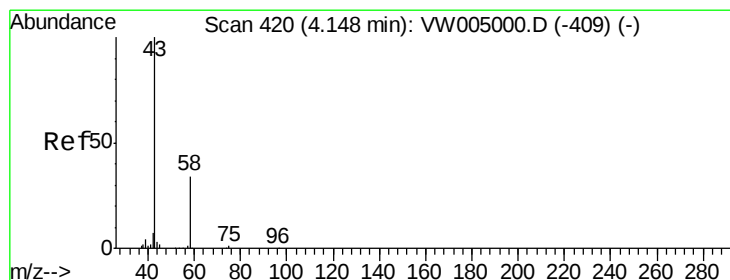
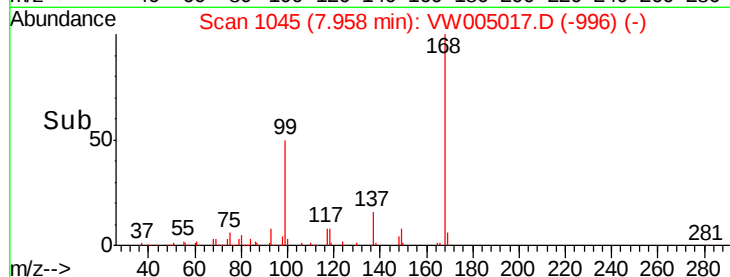
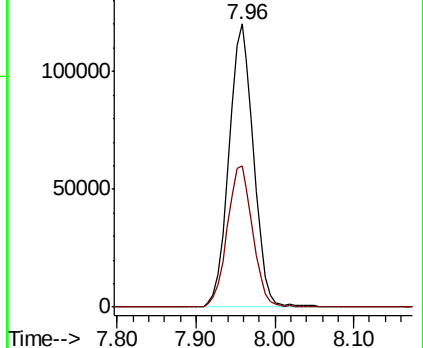
168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 259.62 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW005017.D

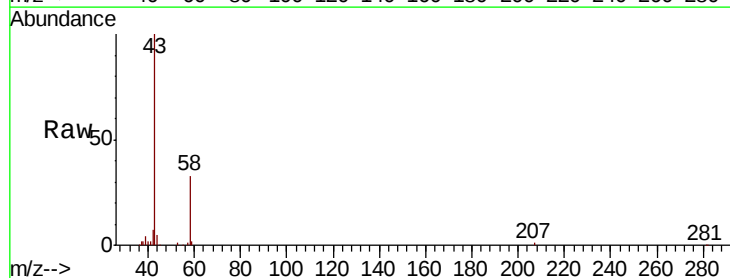
Acq: 30 Aug 2018 14:43

Tgt Ion: 43 Resp: 104245

Ion Ratio Lower Upper

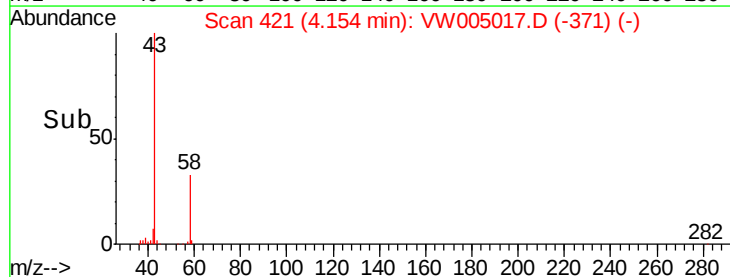
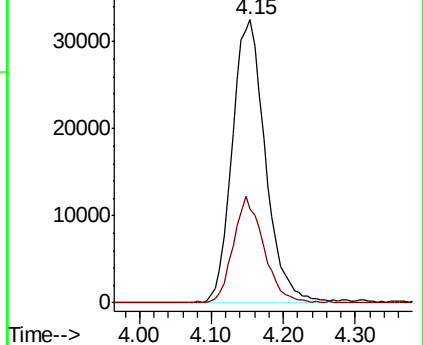
43 100

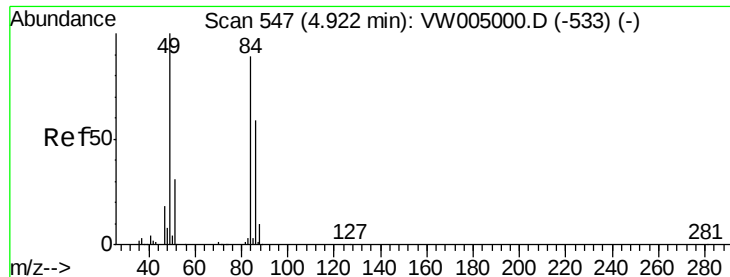
58 33.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 15.52 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.00 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

TL-SPEEDY-DRYRE

Tot Ion: 84 Resp: 53121

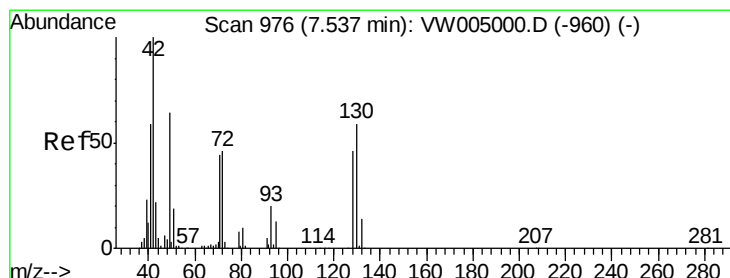
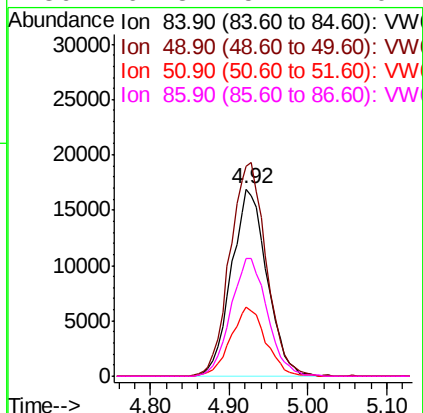
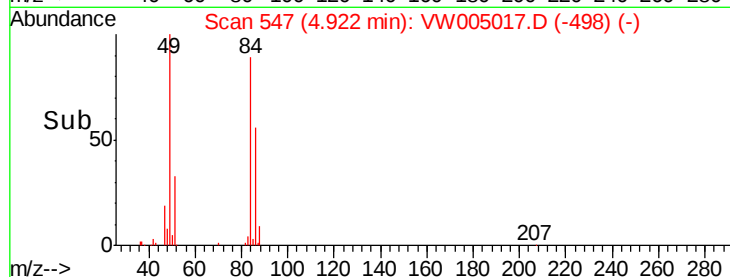
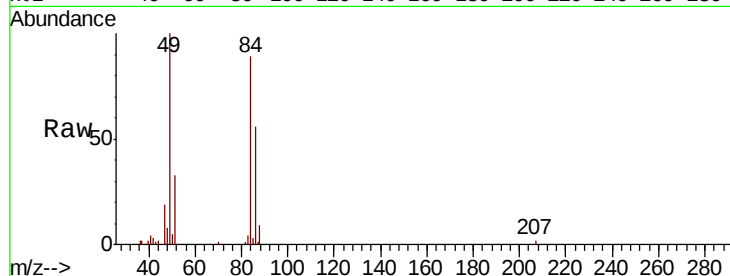
Ion Ratio Lower Upper

84 100

49 111.8 89.7 134.5

51 36.9 27.5 41.3

86 62.8 52.7 79.1



#29

Tetrahydrofuran

Concen: 128.83 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

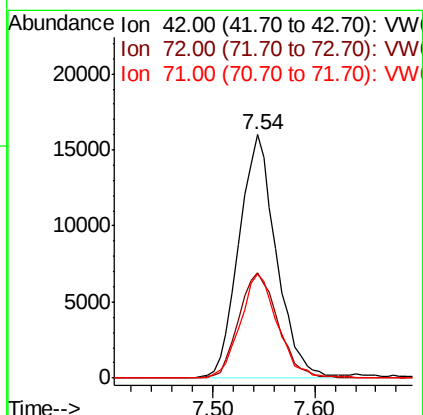
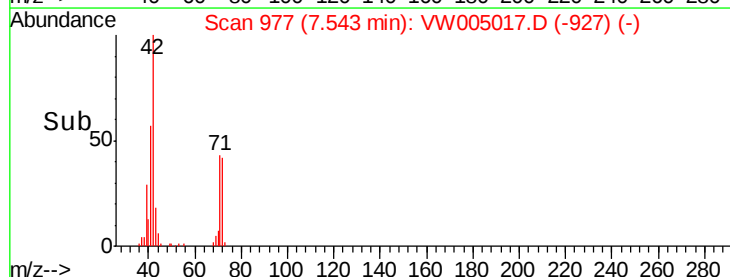
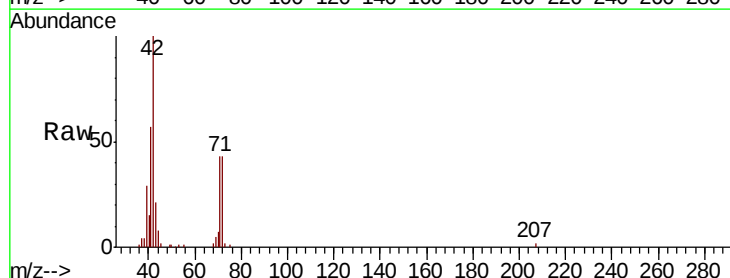
Tgt Ion: 42 Resp: 40749

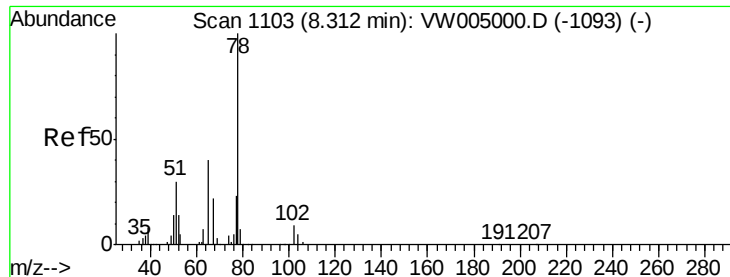
Ion Ratio Lower Upper

42 100

72 45.1 36.6 55.0

71 42.5 35.4 53.2

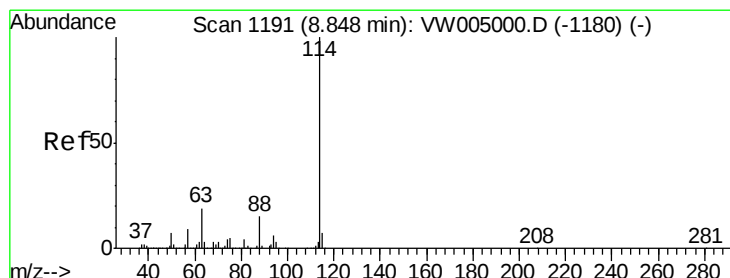
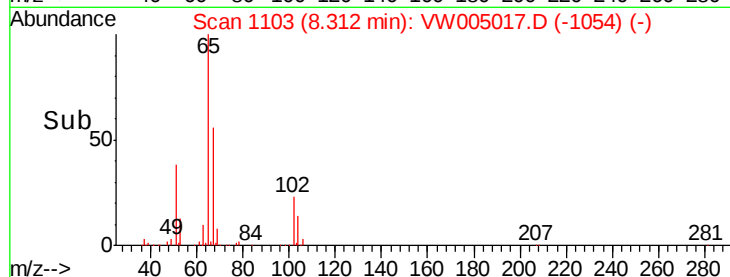
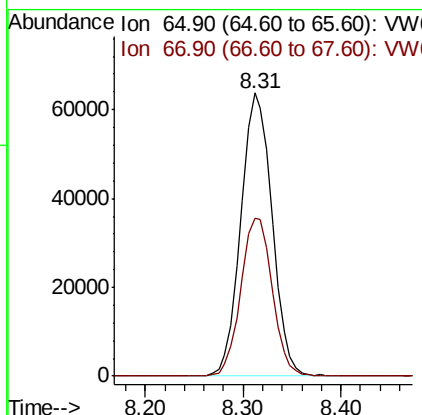
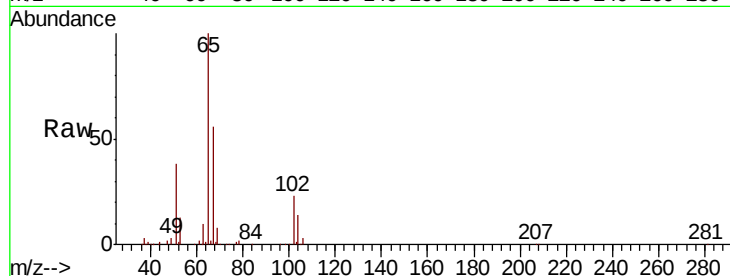




#33
 1,2-Dichloroethane-d4
 Concen: 79.44 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

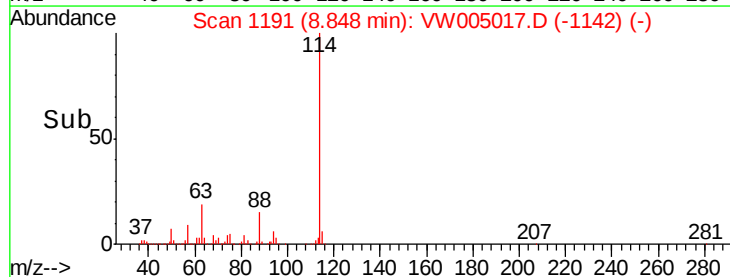
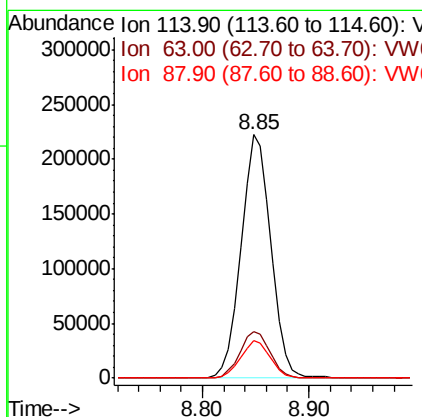
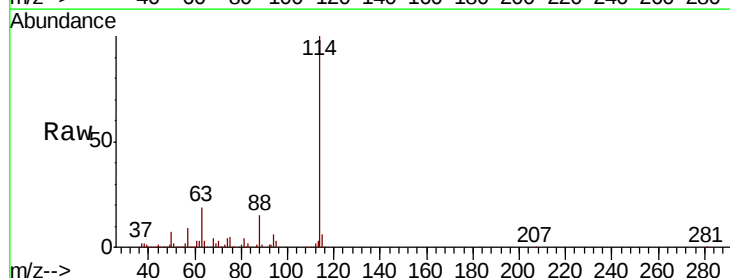
Instrument :
 MSVOA_W
 ClientSampleId :
 TL-SPEEDY-DRYRE

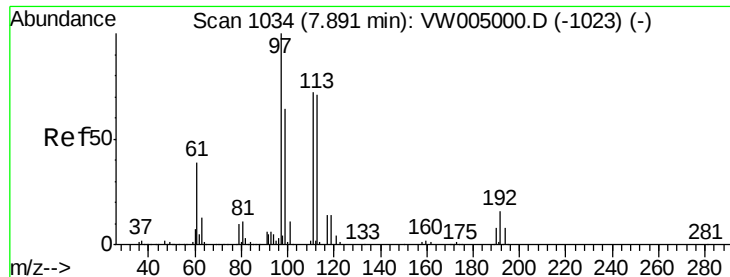
Tot Ion: 65 Resp: 141447
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

Tgt Ion: 114 Resp: 437471
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.4
 88 15.4 0.0 30.6

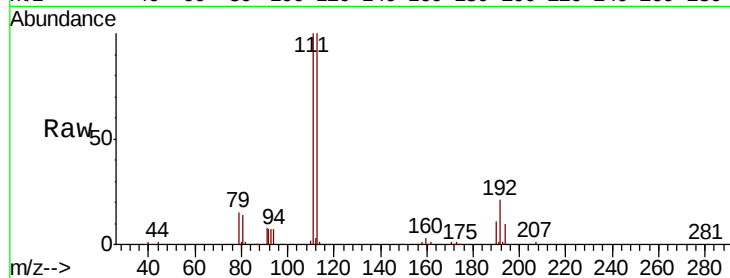




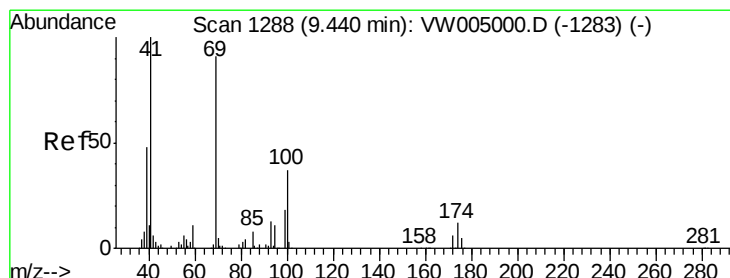
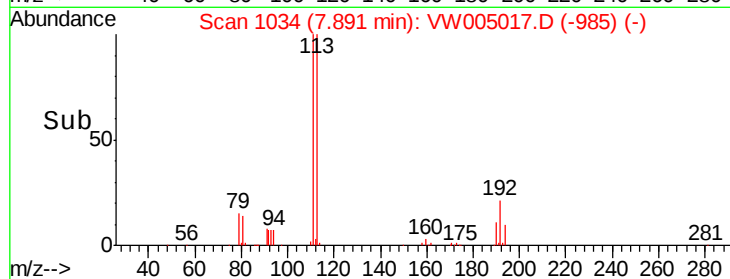
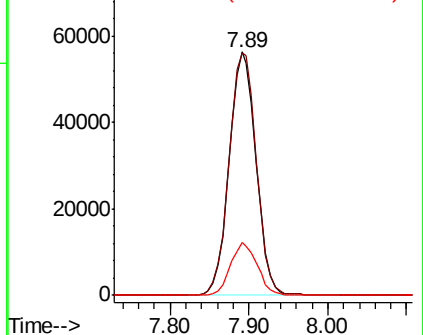
#35
 Dibromofluoromethane
 Concen: 61.29 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 TL-SPEEDY-DRYRE

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.3	121.9
192	21.3	17.8	26.8

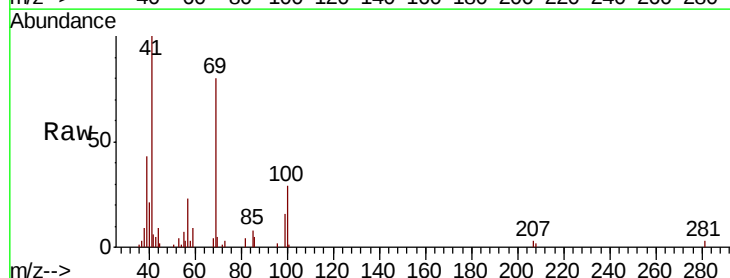


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

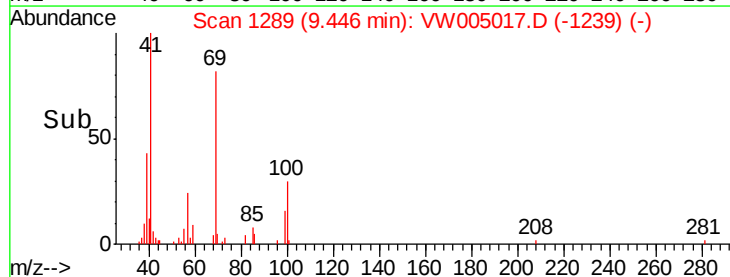
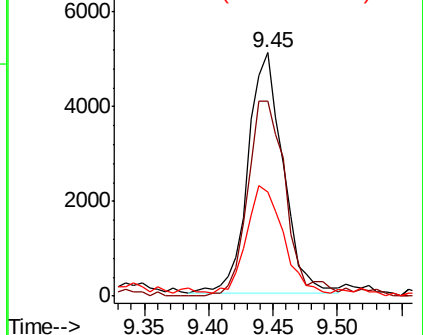


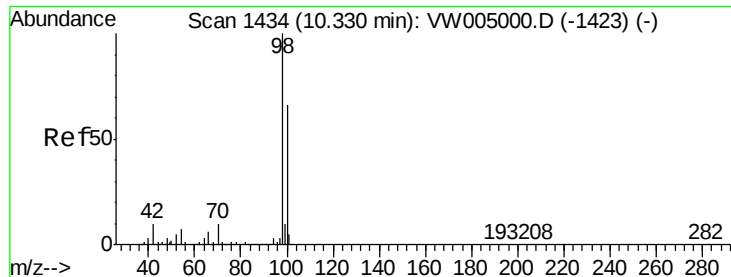
#48
 Methyl methacrylate
 Concen: 8.46 ug/l
 RT: 9.45 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VW005017.D
 Acq: 30 Aug 2018 14:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.4	72.5	108.7
39	46.3	37.0	55.6



Abundance Ion 41.00 (40.70 to 41.70): VW
 Ion 69.00 (68.70 to 69.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 28.89 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

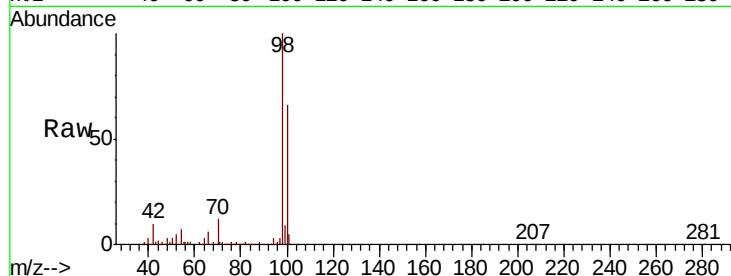
TL-SPEEDY-DRYRE

Tot Ion: 98 Resp: 343857

Ion Ratio Lower Upper

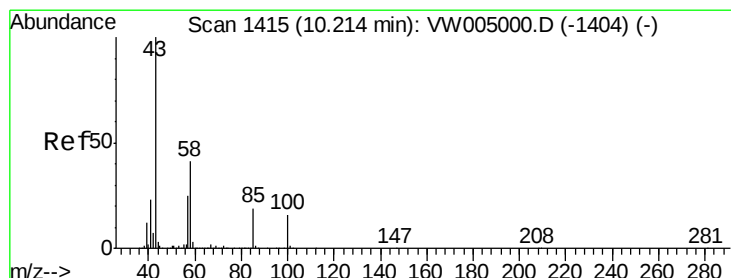
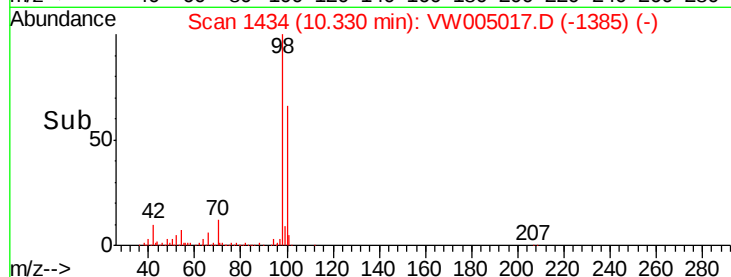
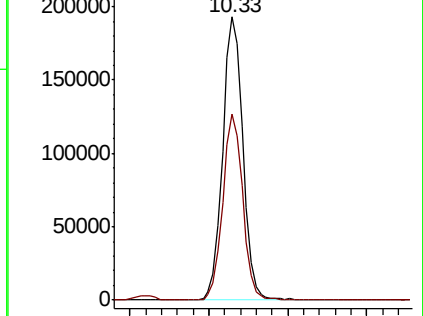
98 100

100 64.8 51.9 77.9



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: 19.32 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW005017.D

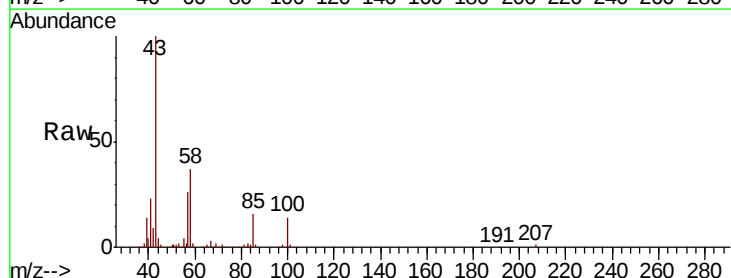
Acq: 30 Aug 2018 14:43

Tgt Ion: 43 Resp: 38475

Ion Ratio Lower Upper

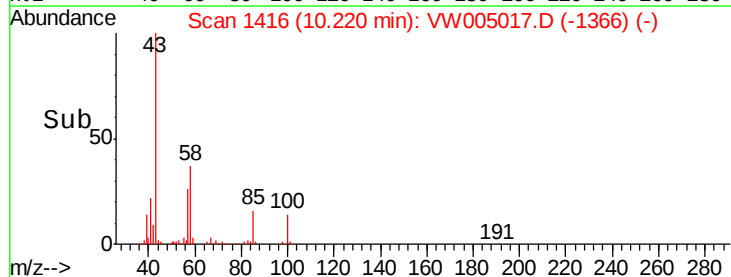
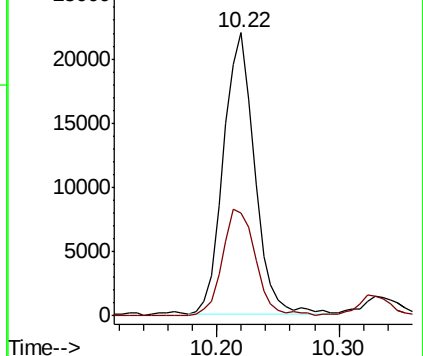
43 100

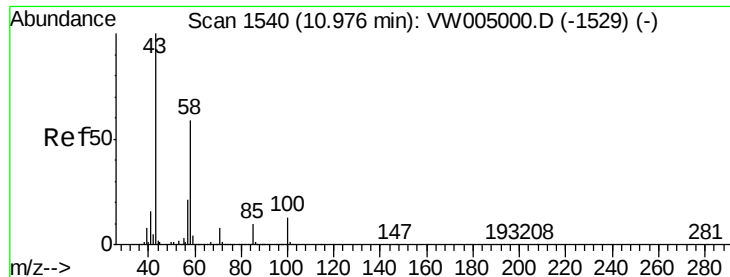
58 40.5 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

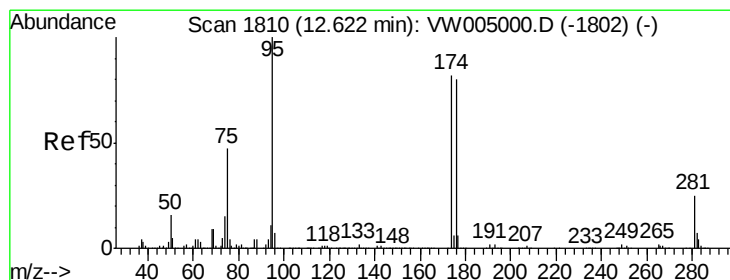
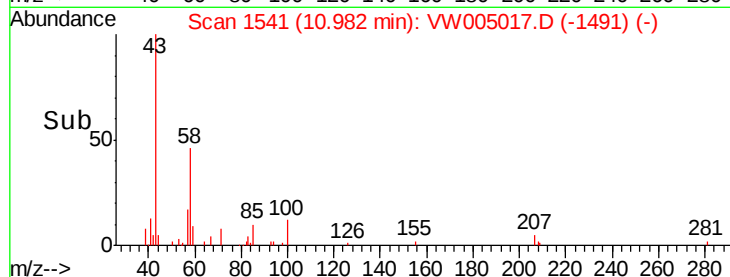
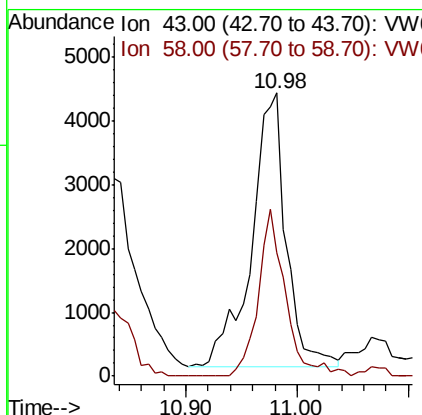
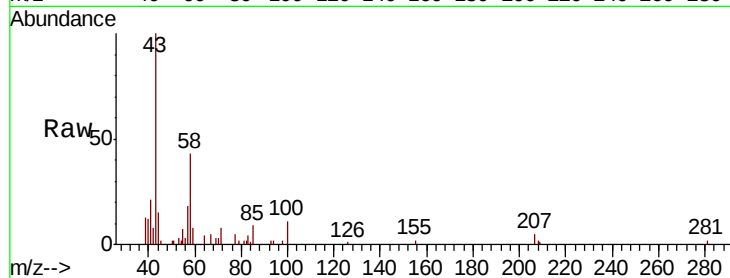




#59
2-Hexanone
Concen: 6.46 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

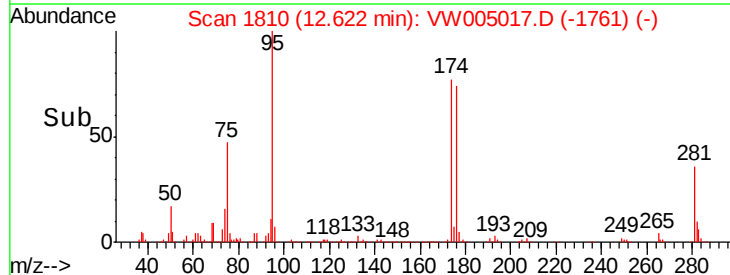
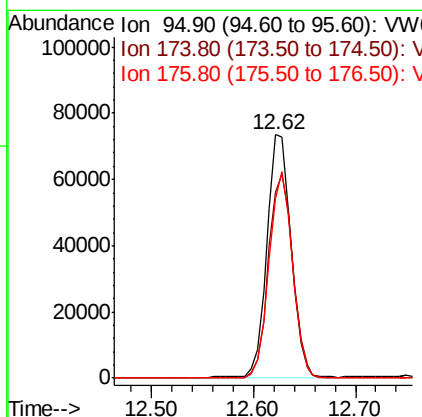
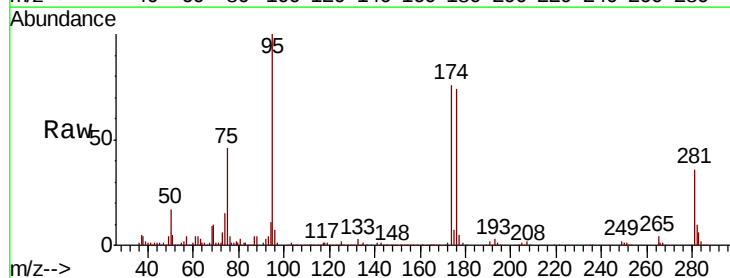
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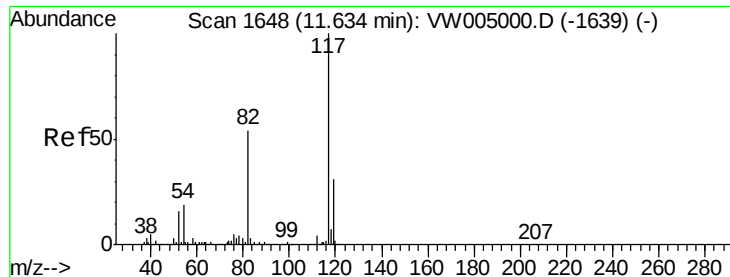
Tot Ion: 43 Resp: 9315
Ion Ratio Lower Upper
43 100
58 48.2 29.2 87.6



#62
4-Bromofluorobenzene
Concen: 27.79 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Tgt Ion: 95 Resp: 120575
Ion Ratio Lower Upper
95 100
174 84.1 0.0 173.4
176 81.8 0.0 167.8

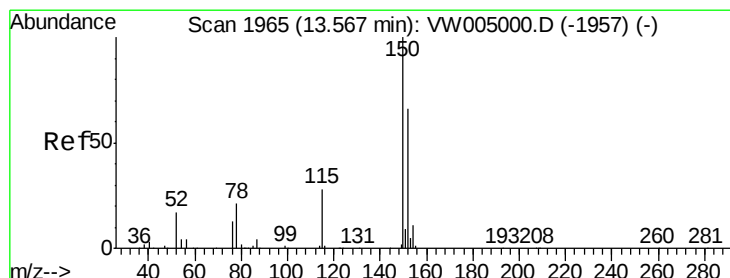
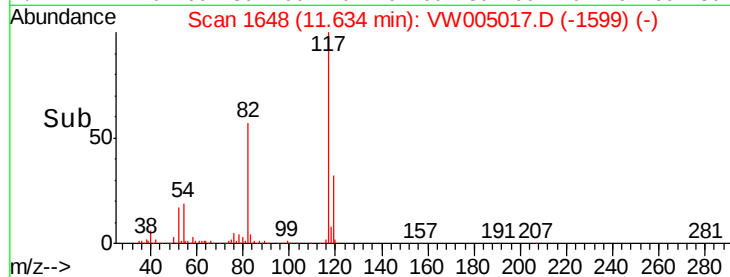
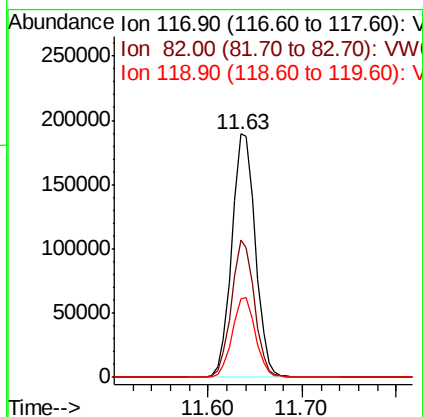
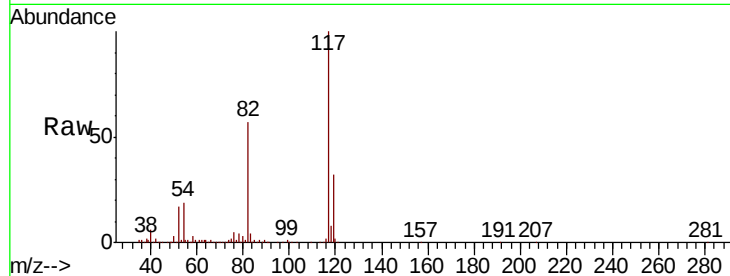




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

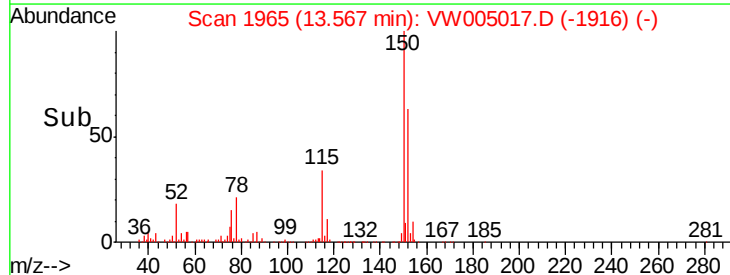
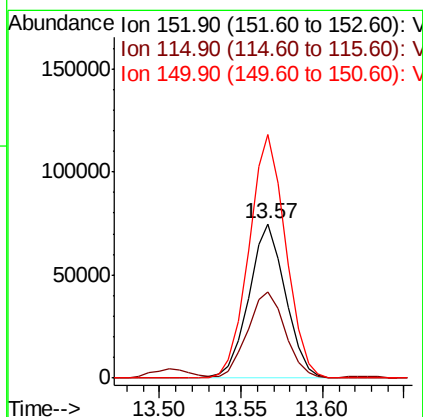
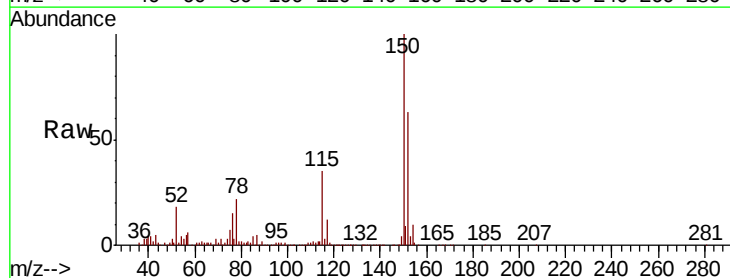
Instrument :
MSVOA_W
ClientSampleId :
TL-SPEEDY-DRYRE

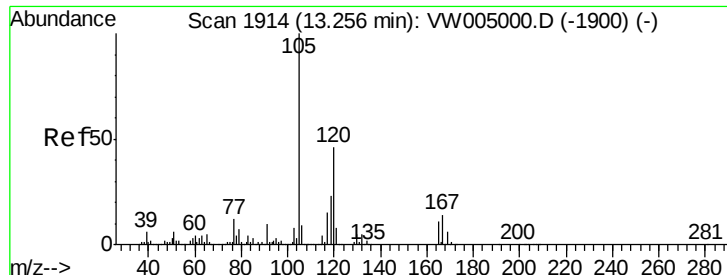
Tot Ion:117 Resp: 328792
Ion Ratio Lower Upper
117 100
82 56.6 43.3 64.9
119 32.1 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005017.D
Acq: 30 Aug 2018 14:43

Tgt Ion:152 Resp: 115641
Ion Ratio Lower Upper
152 100
115 57.5 28.0 83.9
150 159.3 0.0 347.2





#84

1,2,4-Trimethylbenzene

Concen: 5.07 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW005017.D

Acq: 30 Aug 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

TL-SPEEDY-DRYRE

Tot Ion:105 Resp: 35028

Ion Ratio Lower Upper

105 100

120 45.2 22.9 68.7

