

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005625.D
 Acq On : 25 Sep 2018 21:19
 Operator : VA/AP
 Sample : J5066-15
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-FD01

Quant Time: Sep 26 04:17:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	444791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	158123	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	180538	57.26	ug/l	0.00
Spiked Amount			Recovery	=	114.52%	
35) Dibromofluoromethane	7.89	113	149179	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
50) Toluene-d8	10.33	98	409386	35.94	ug/l	0.00
Spiked Amount			Recovery	=	71.88%	
62) 4-Bromofluorobenzene	12.62	95	165775	39.34	ug/l	0.00
Spiked Amount			Recovery	=	78.68%	

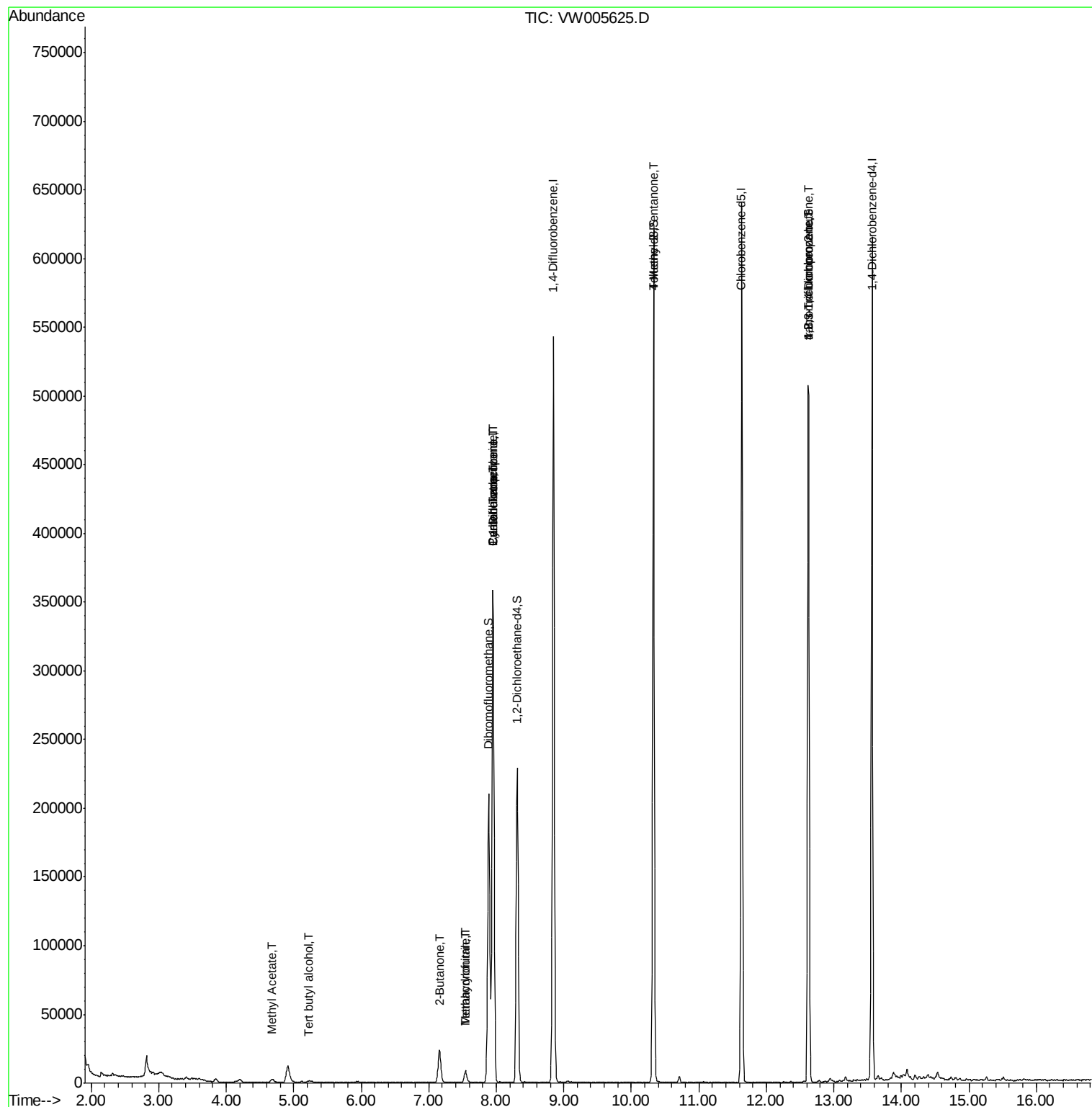
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	61	Below Cal	#	41
11) Tert butyl alcohol	5.21	59	1199	5.041	ug/l	97
13) Acrolein	3.84	56	48	Below Cal	#	1
16) Acetone	4.12	43	529	Below Cal		97
18) Methyl Acetate	4.68	43	4723	3.160	ug/l #	79
20) Methylene Chloride	4.92	84	10007	Below Cal		89
25) 2-Butanone	7.15	43	1589	2.075	ug/l #	82
29) Tetrahydrofuran	7.54	42	6683	13.968	ug/l	96
31) Cyclohexane	7.95	56	5824	1.191	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20453	4.568	ug/l #	51
38) Carbon Tetrachloride	7.95	117	26456	5.514	ug/l #	16
41) Methacrylonitrile	7.54	41	4510	4.206	ug/l #	49
51) 4-Methyl-2-Pentanone	10.32	43	1937	1.038	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	85342	63.315	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85342	142.605	ug/l #	7

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
Data File : VW005625.D
Acq On : 25 Sep 2018 21:19
Operator : VA/AP
Sample : J5066-15
Misc : 5.05G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-FD01

Quant Time: Sep 26 04:17:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005625.D

Acq: 25 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

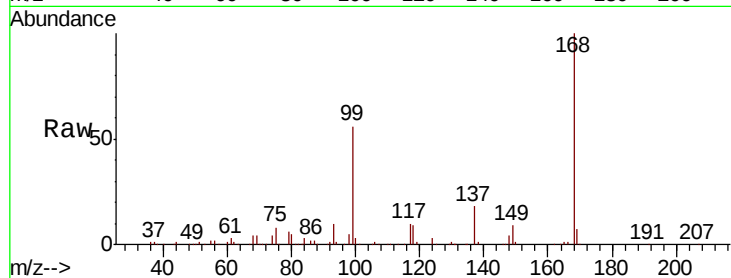
EP1-Q1-FD01

Tgt Ion:168 Resp: 267653

Ion Ratio Lower Upper

168 100

99 56.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

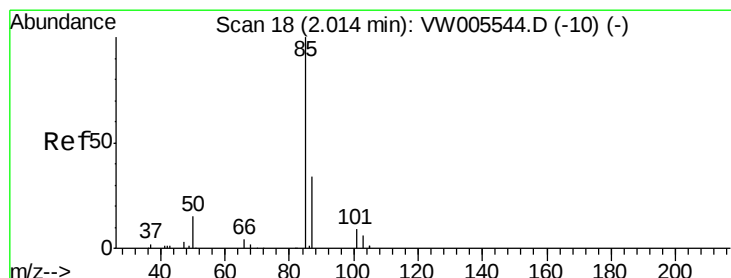
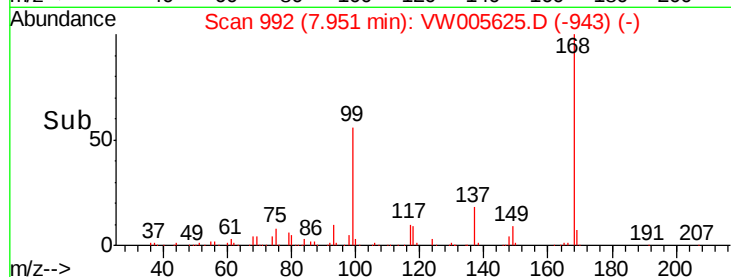
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW005625.D

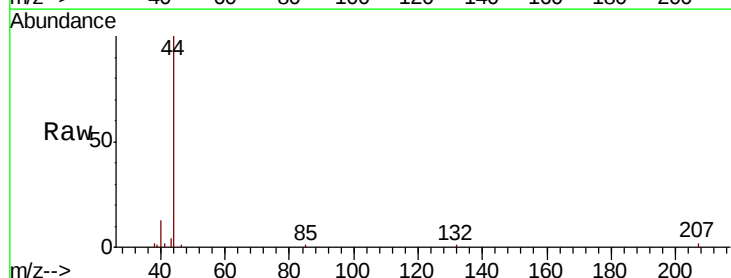
Acq: 25 Sep 2018 21:19

Tgt Ion: 85 Resp: 61

Ion Ratio Lower Upper

85 100

87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

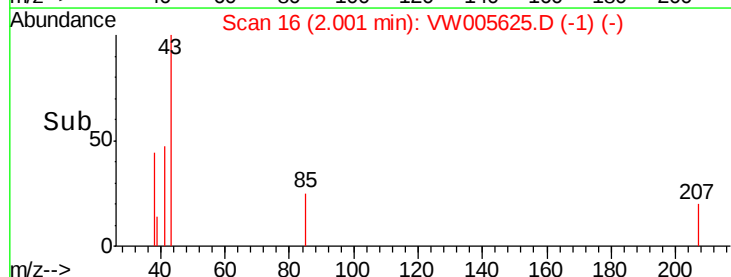
60

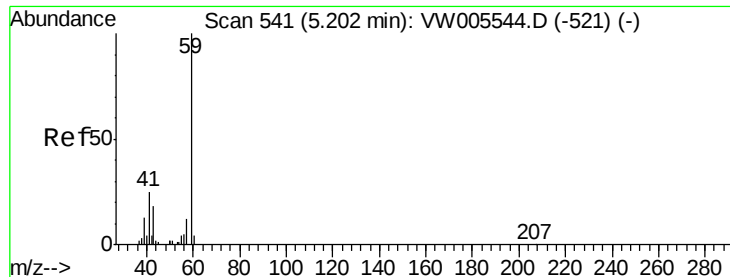
40

20

0

Time-->

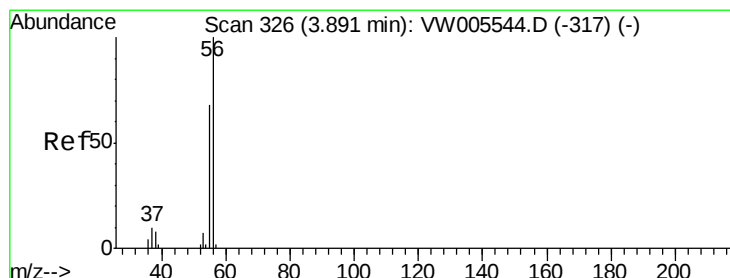
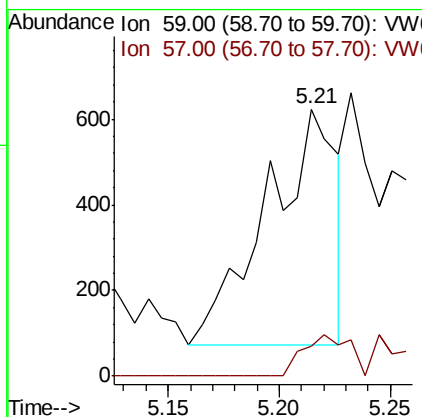
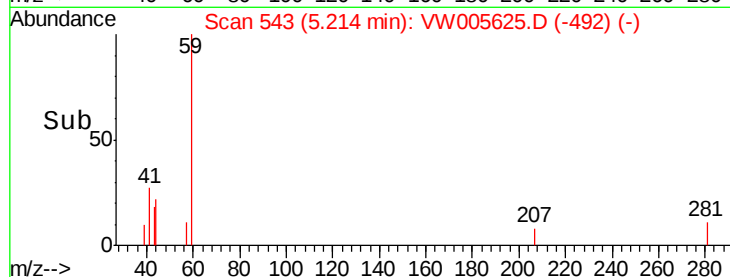
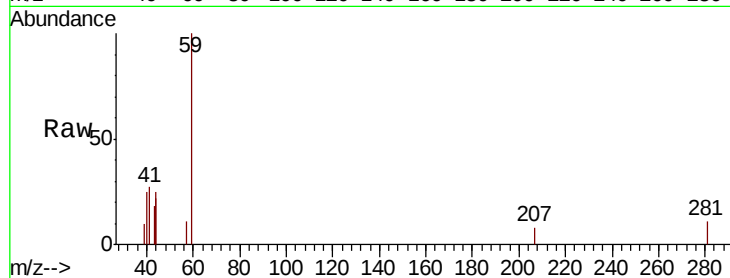




#11
Tert butyl alcohol
Concen: 5.041 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.01 min
Lab File: VW005625.D
Acq: 25 Sep 2018 21:19

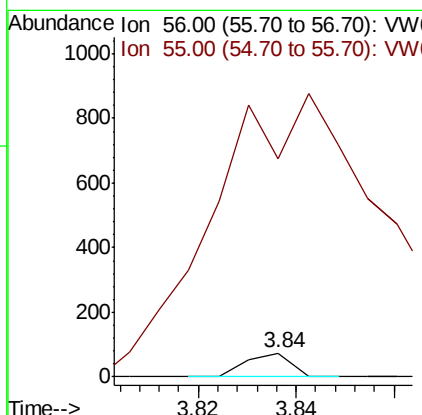
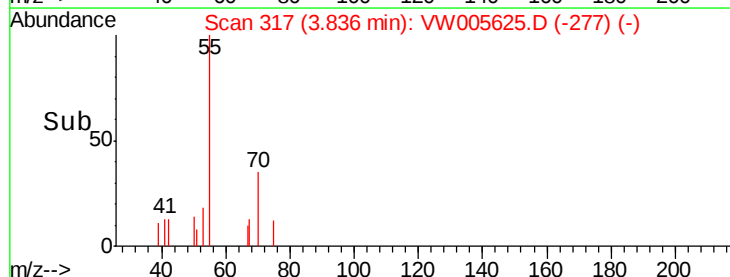
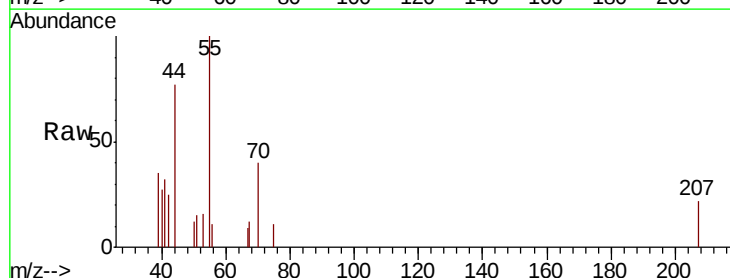
Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-FD01

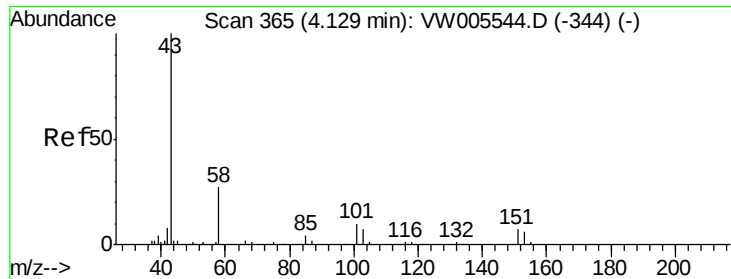
Tgt Ion: 59 Resp: 1199
Ion Ratio Lower Upper
59 100
57 11.7 8.3 12.5



#13
Acrolein
Concen: Below Cal
RT: 3.84 min Scan# 317
Delta R.T. -0.05 min
Lab File: VW005625.D
Acq: 25 Sep 2018 21:19

Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 4725.0 57.8 86.8#





#16

Acetone

Concen: Below Cal

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005625.D

Acq: 25 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

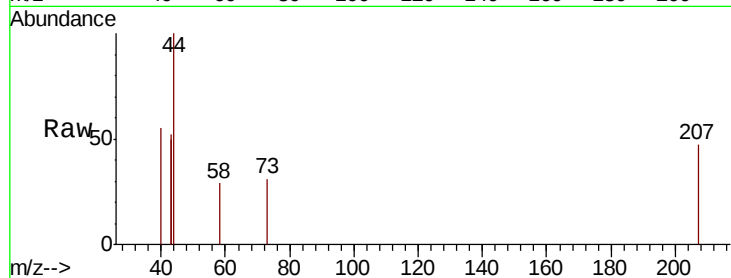
EP1-Q1-FD01

Tgt Ion: 43 Resp: 529

Ion Ratio Lower Upper

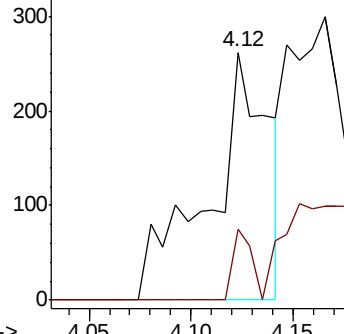
43 100

58 28.6 21.8 32.8

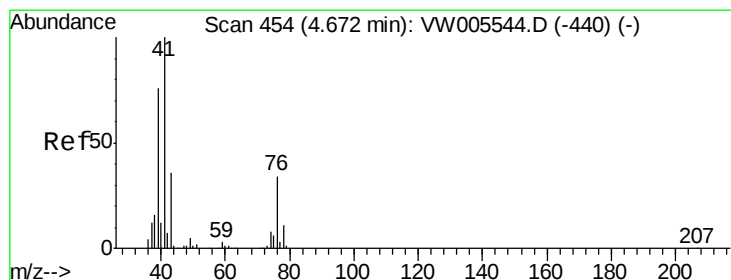
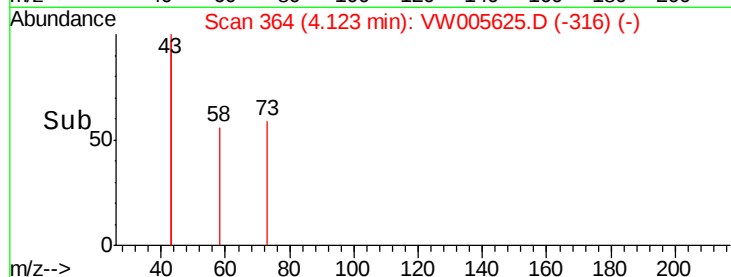


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#18

Methyl Acetate

Concen: 3.160 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW005625.D

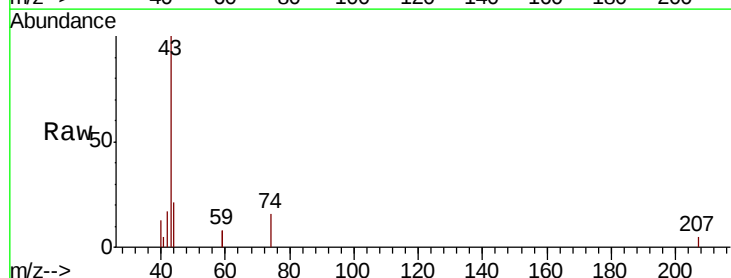
Acq: 25 Sep 2018 21:19

Tgt Ion: 43 Resp: 4723

Ion Ratio Lower Upper

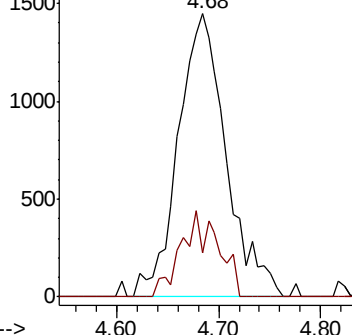
43 100

74 13.4 19.2 28.8#

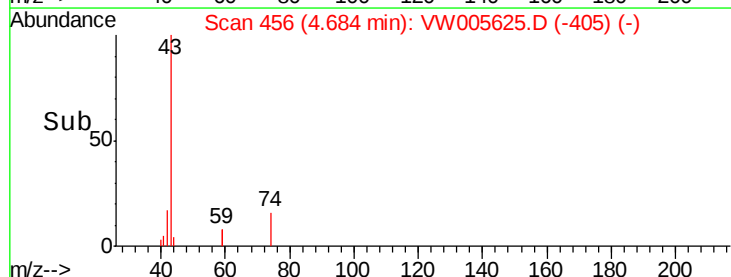


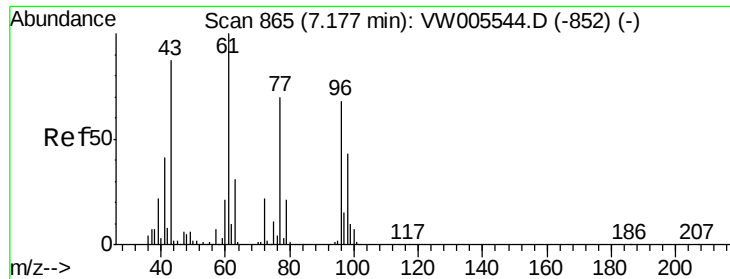
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->





#25

2-Butanone

Concen: 2.075 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005625.D

Acq: 25 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampled :

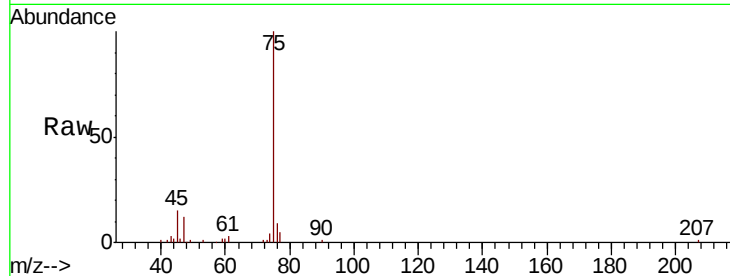
EP1-Q1-FD01

Tgt Ion: 43 Resp: 1589

Ion Ratio Lower Upper

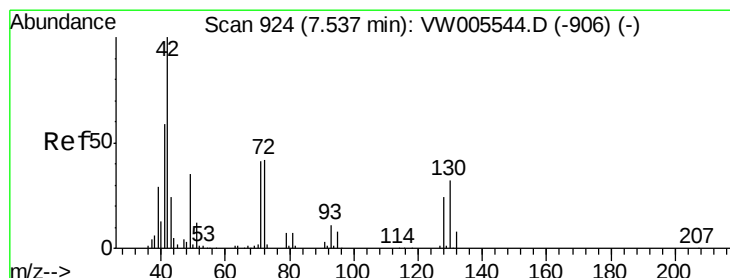
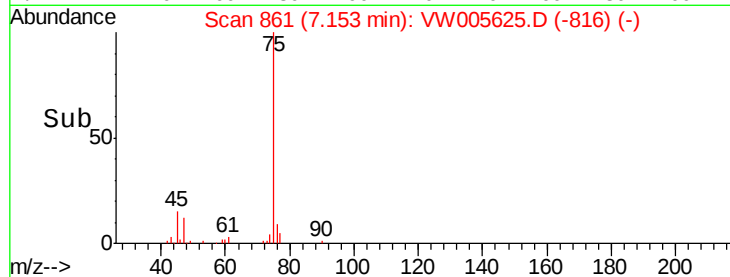
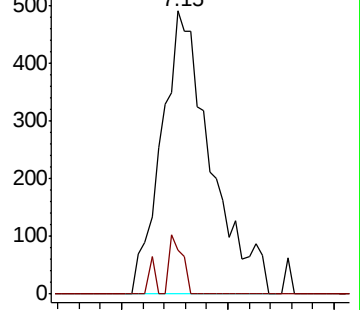
43 100

72 15.7 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 13.968 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005625.D

Acq: 25 Sep 2018 21:19

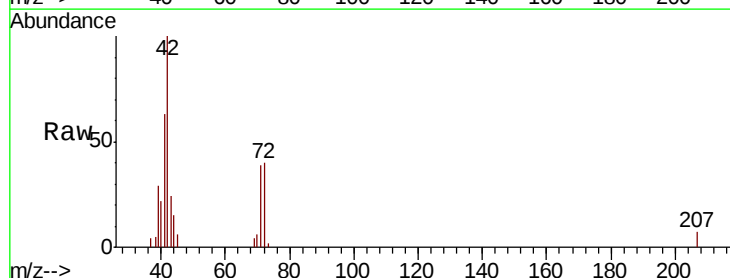
Tgt Ion: 42 Resp: 6683

Ion Ratio Lower Upper

42 100

72 39.0 33.6 50.4

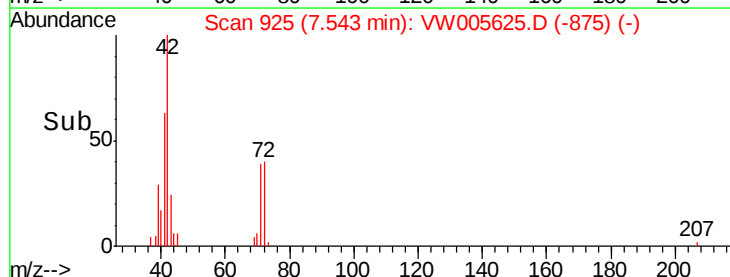
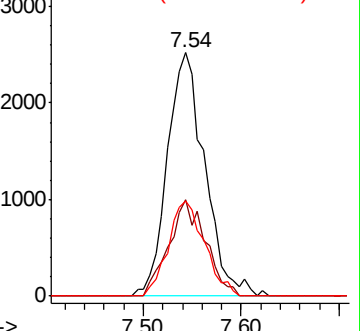
71 37.8 31.8 47.6

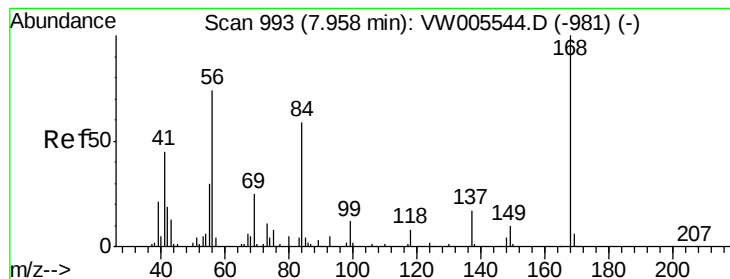


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.191 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005625.D

Acq: 25 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-FD01

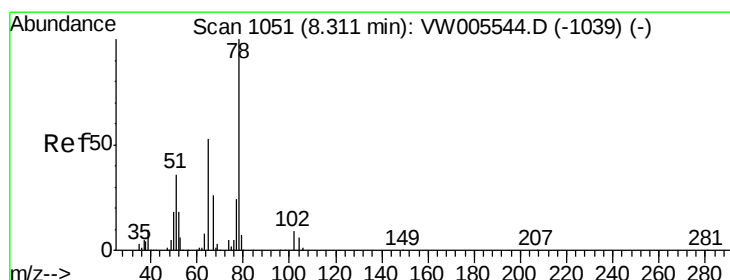
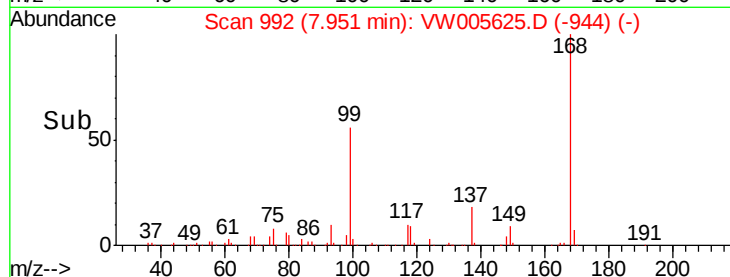
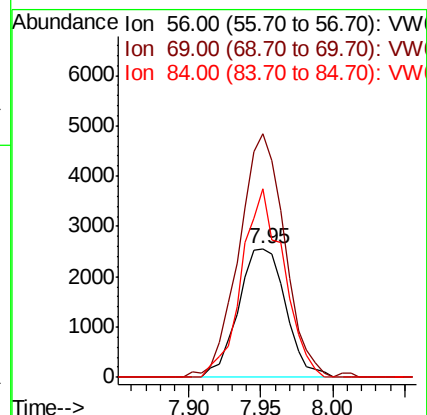
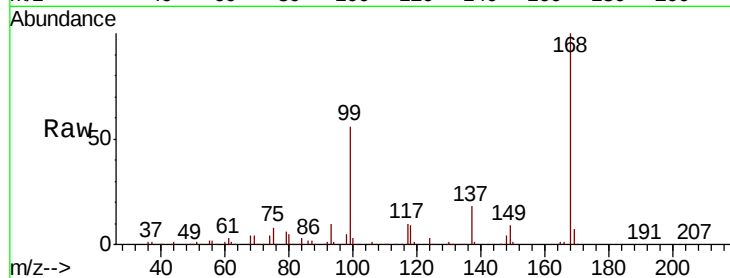
Tgt Ion: 56 Resp: 5824

Ion Ratio Lower Upper

56 100

69 185.6 27.0 40.4#

84 146.4 64.2 96.4#



#33

1,2-Dichloroethane-d4

Concen: 57.256 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005625.D

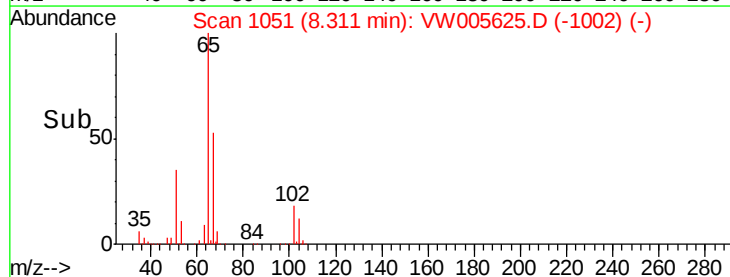
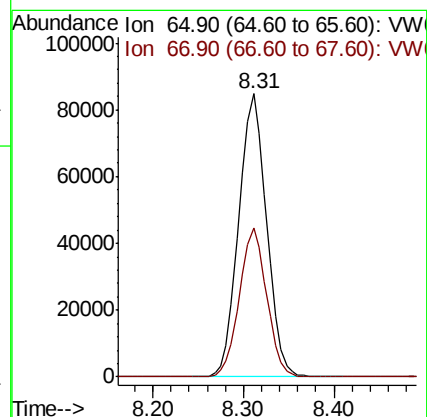
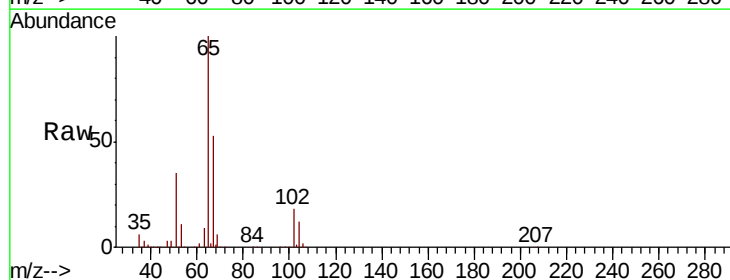
Acq: 25 Sep 2018 21:19

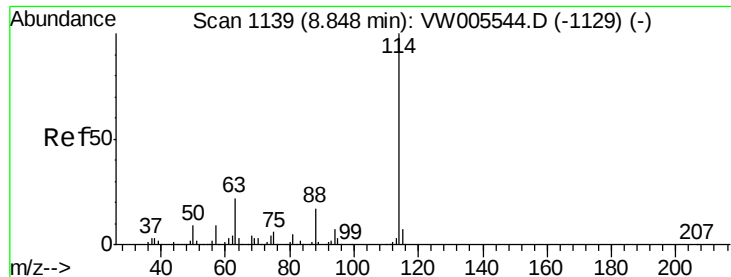
Tgt Ion: 65 Resp: 180538

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.6

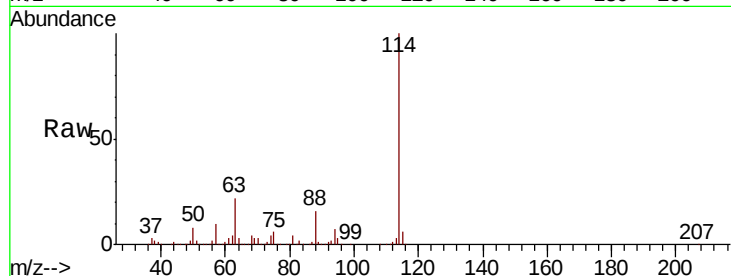




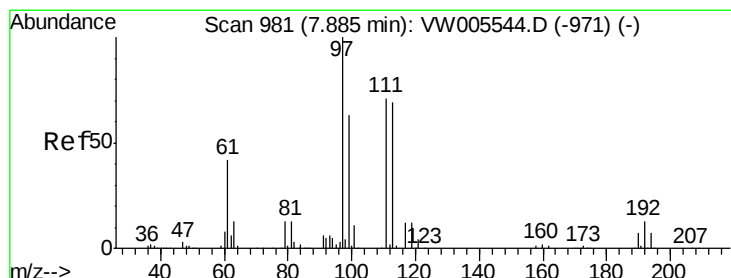
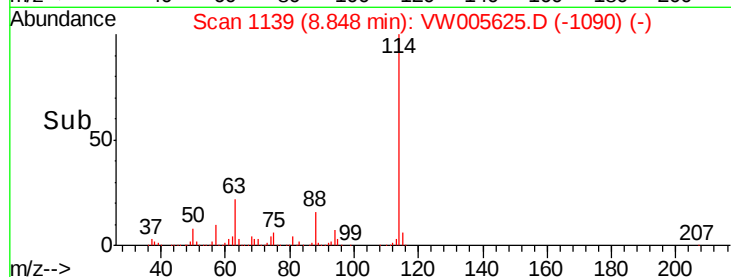
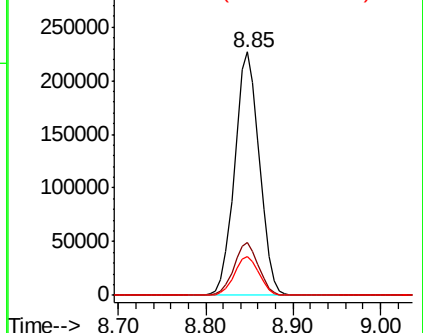
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005625.D
 Acq: 25 Sep 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-FD01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.0
88	16.0	0.0	33.0

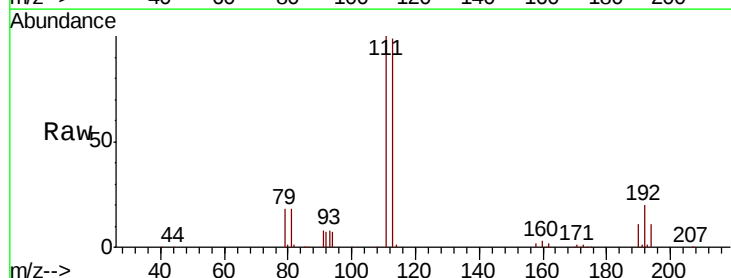


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

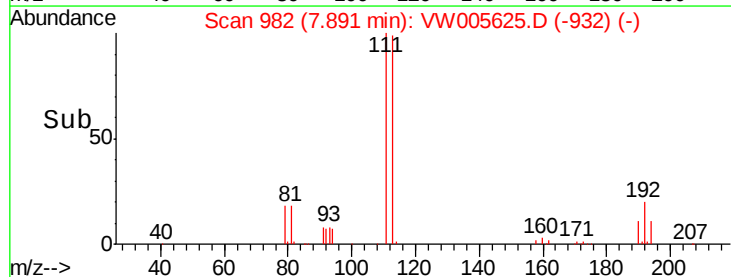
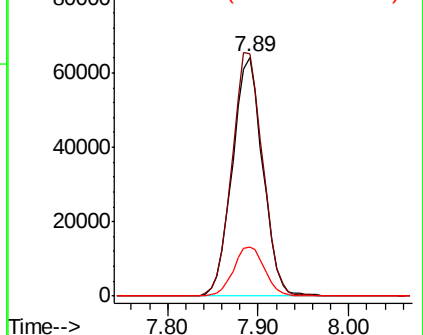


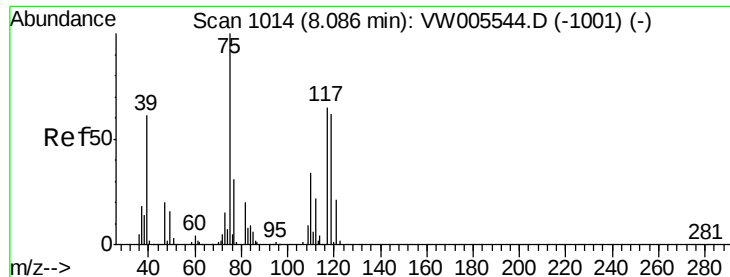
#35
 Dibromofluoromethane
 Concen: 53.333 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005625.D
 Acq: 25 Sep 2018 21:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	21.1	17.0	25.4



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: 4.568 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005625.D

Acq: 25 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-FD01

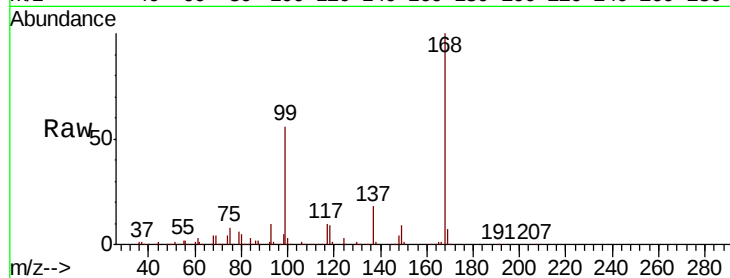
Tgt Ion: 75 Resp: 20453

Ion Ratio Lower Upper

75 100

110 10.1 17.0 50.9#

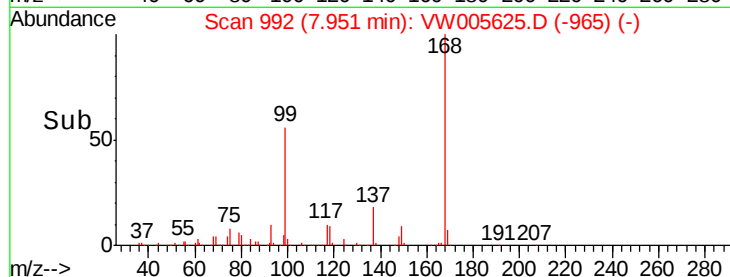
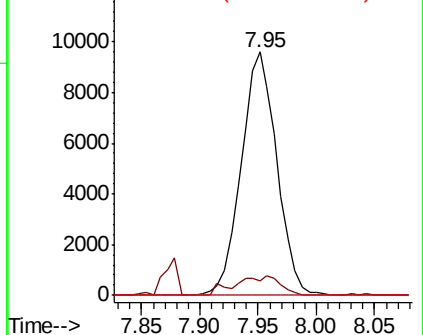
77 0.0 24.8 37.2#



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: 5.514 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005625.D

Acq: 25 Sep 2018 21:19

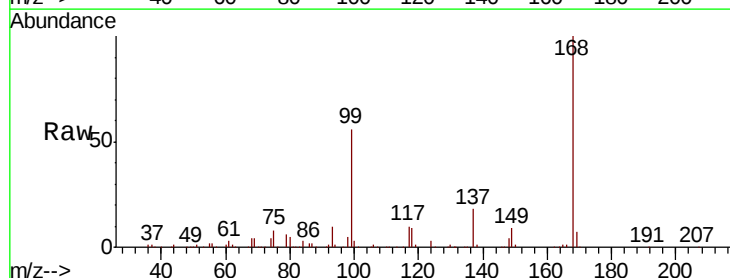
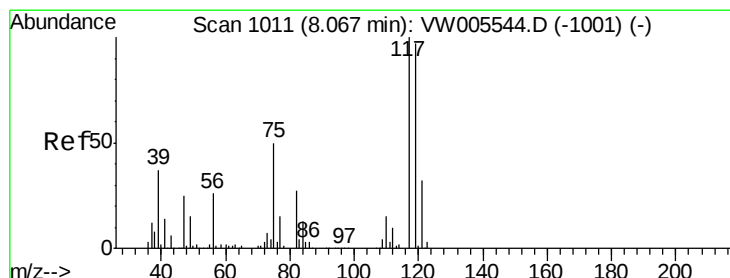
Tgt Ion: 117 Resp: 26456

Ion Ratio Lower Upper

117 100

119 5.2 77.6 116.4#

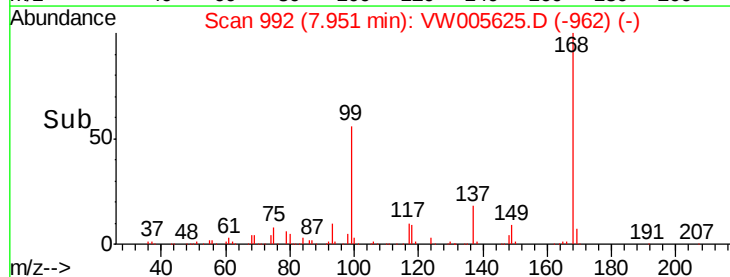
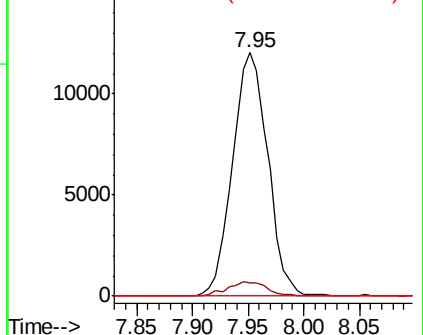
121 0.0 25.7 38.5#

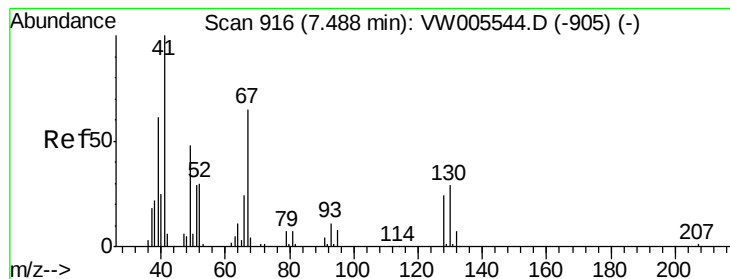


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#41

Methacrylonitrile

Concen: 4.206 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.05 min

Lab File: VW005625.D

Acq: 25 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-FD01

Tgt Ion: 41 Resp: 4510

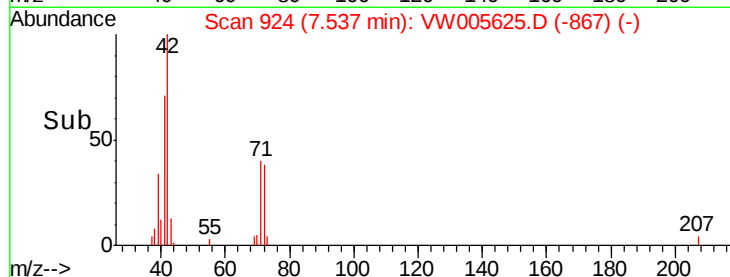
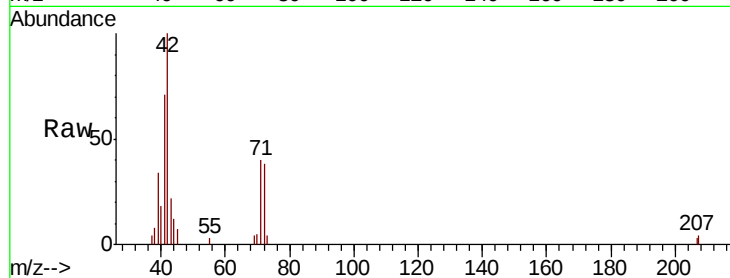
Ion Ratio Lower Upper

41 100

39 51.1 45.4 68.2

67 0.0 55.2 82.8#

52 0.0 25.3 37.9#

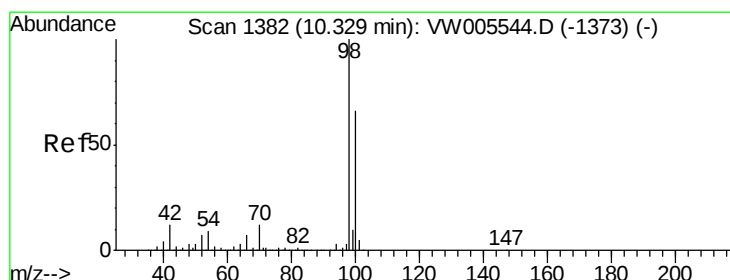
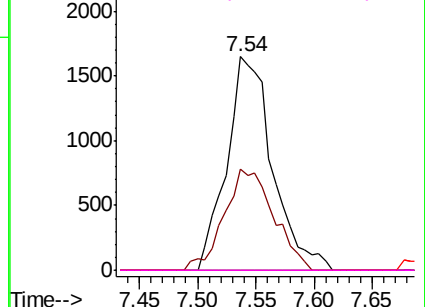


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#50

Toluene-d8

Concen: 35.945 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005625.D

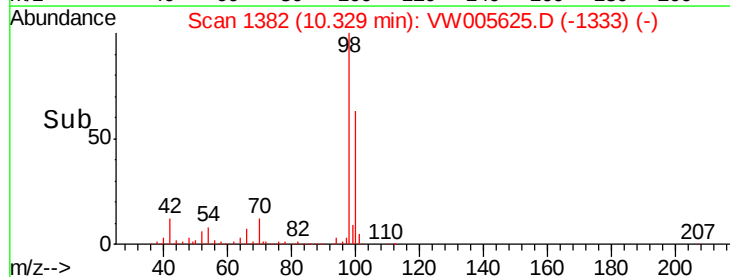
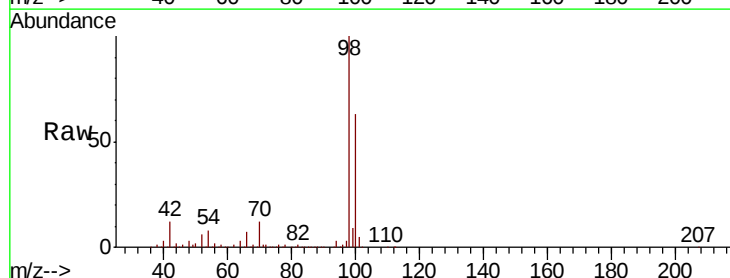
Acq: 25 Sep 2018 21:19

Tgt Ion: 98 Resp: 409386

Ion Ratio Lower Upper

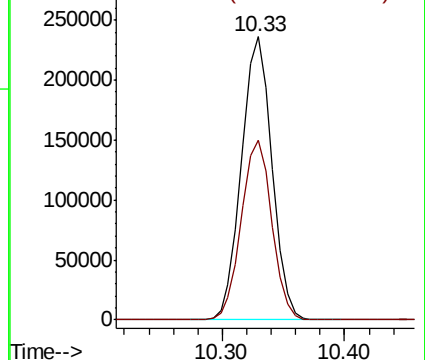
98 100

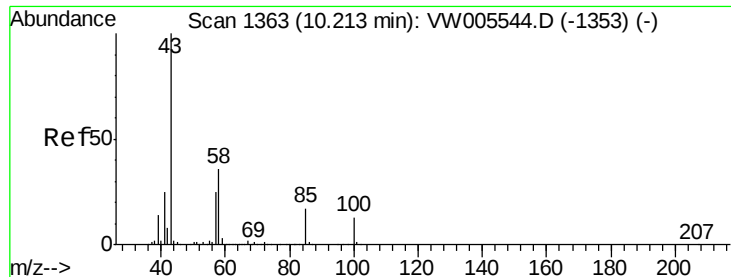
100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

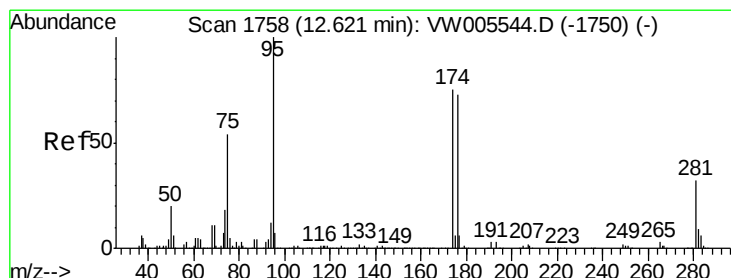
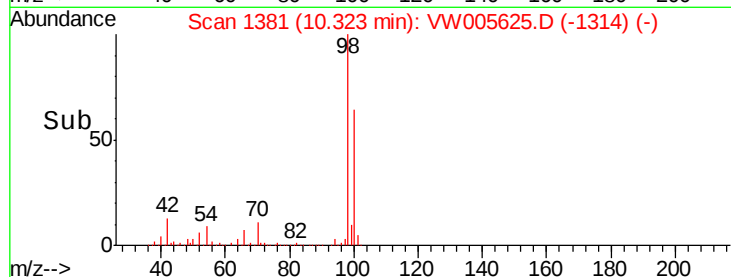
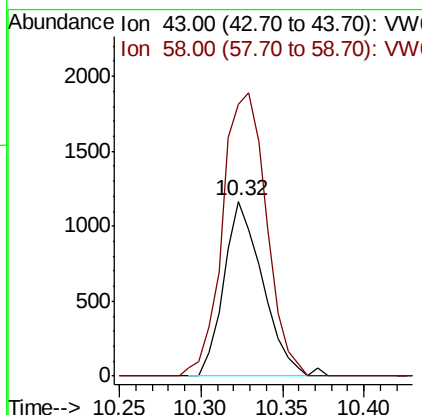
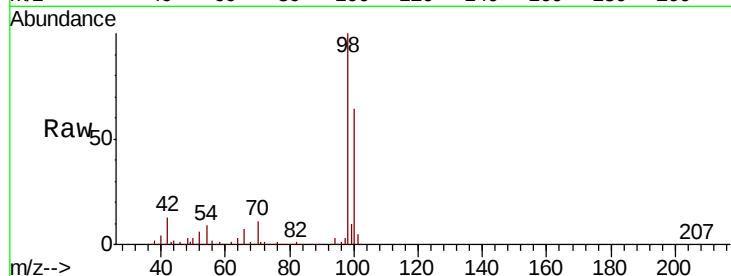




#51
 4-Methyl-2-Pentanone
 Concen: 1.038 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW005625.D
 Acq: 25 Sep 2018 21:19

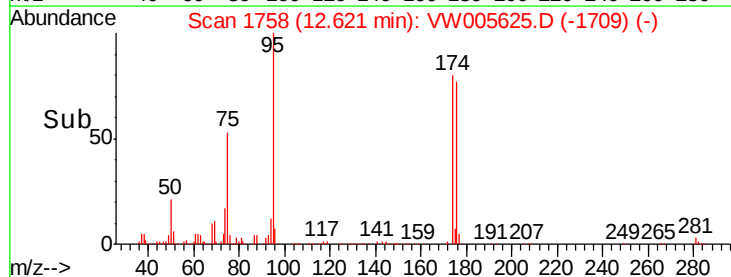
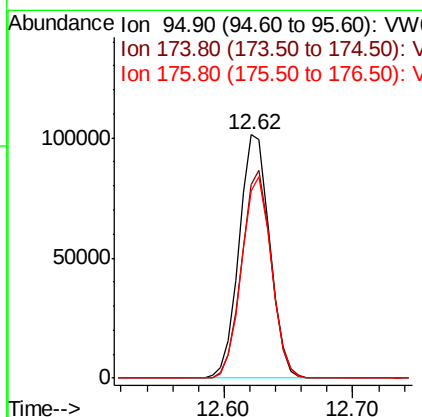
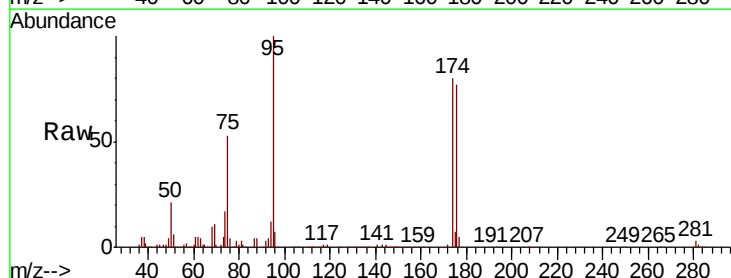
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-FD01

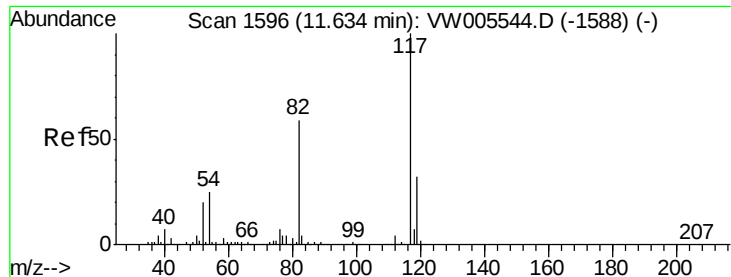
Tgt Ion: 43 Resp: 1937
 Ion Ratio Lower Upper
 43 100
 58 182.6 30.0 45.0#



#62
 4-Bromofluorobenzene
 Concen: 39.336 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005625.D
 Acq: 25 Sep 2018 21:19

Tgt Ion: 95 Resp: 165775
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 163.8
 176 80.6 0.0 158.0

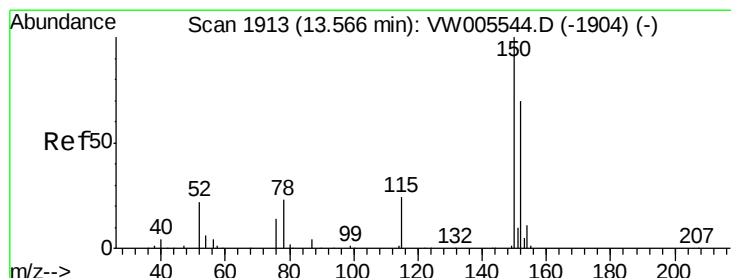
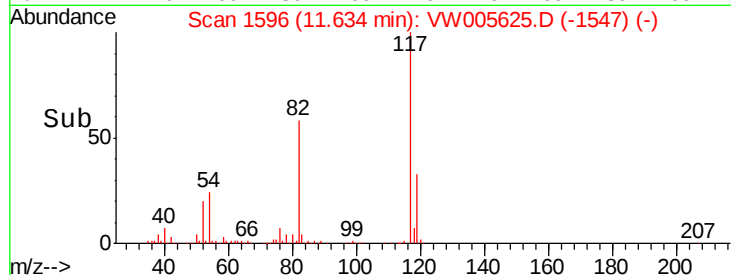
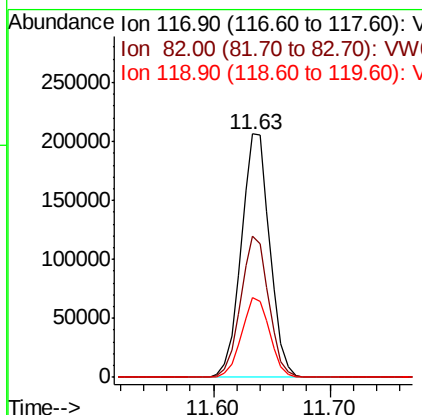
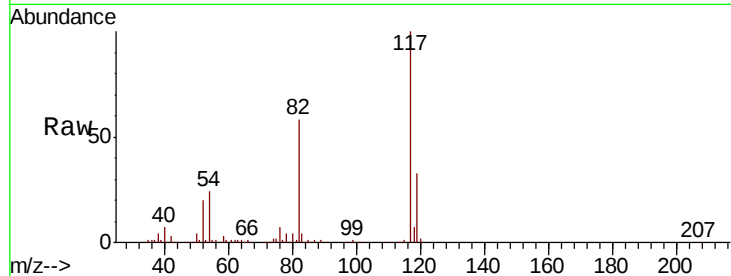




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005625.D
Acq: 25 Sep 2018 21:19

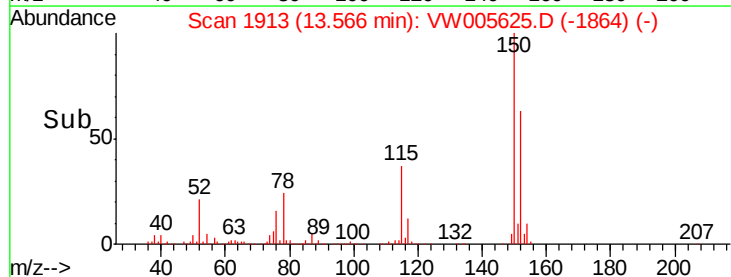
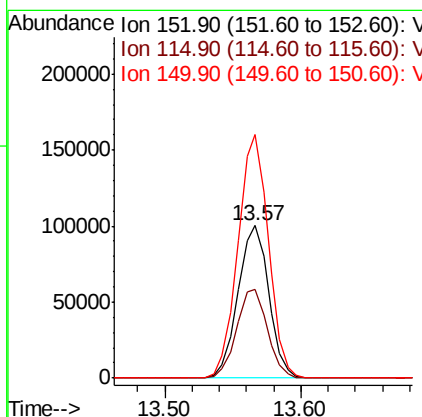
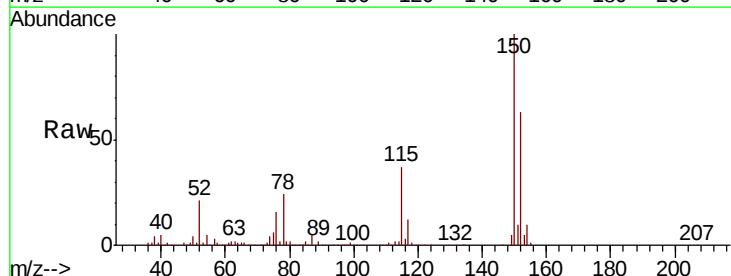
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-FD01

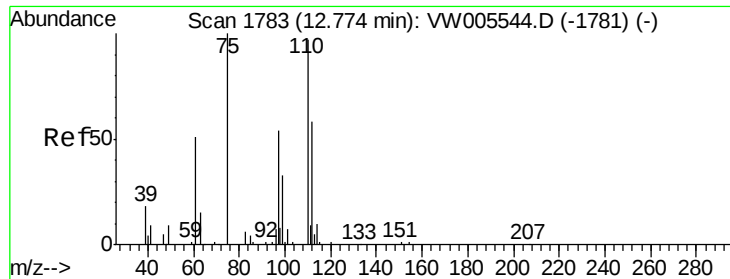
Tgt Ion:117 Resp: 351705
Ion Ratio Lower Upper
117 100
82 58.0 46.9 70.3
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005625.D
Acq: 25 Sep 2018 21:19

Tgt Ion:152 Resp: 158123
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.0
150 157.9 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 63.315 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005625.D

Acq: 25 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

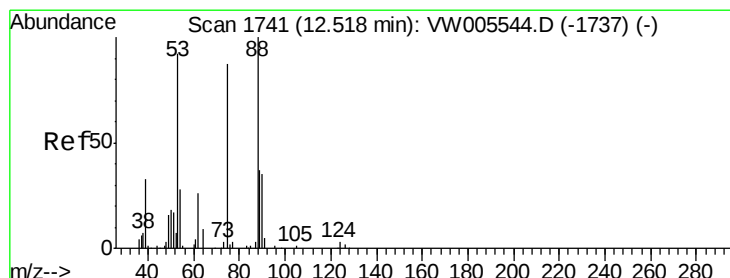
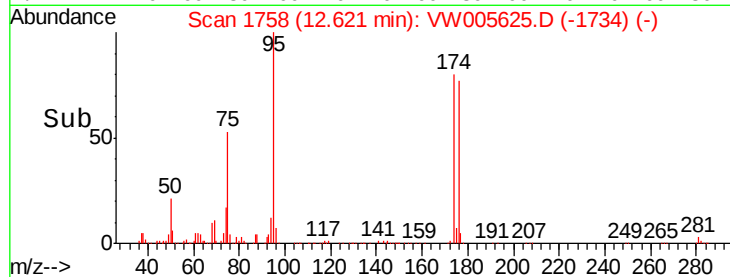
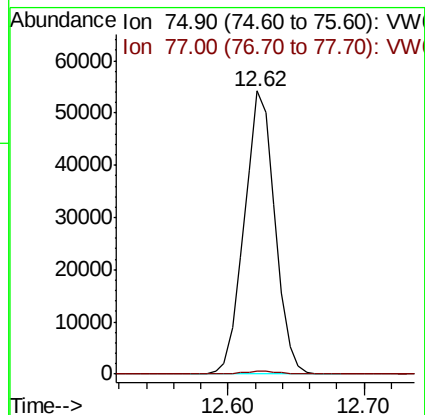
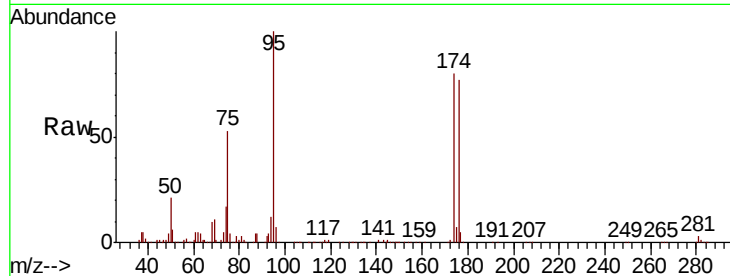
EP1-Q1-FD01

Tgt Ion: 75 Resp: 85342

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 142.605 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005625.D

Acq: 25 Sep 2018 21:19

Tgt Ion: 75 Resp: 85342

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.0 37.3 55.9#

