

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005279.D
 Acq On : 11 Sep 2018 16:44
 Operator : SY/AP
 Sample : J4724-17
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-N

Quant Time: Sep 12 01:13:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	499178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	733846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	785914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	421466	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	192731	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
35) Dibromofluoromethane	7.89	113	175308	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
50) Toluene-d8	10.33	98	828778	42.67	ug/l	0.00
Spiked Amount			Recovery	=	85.34%	
62) 4-Bromofluorobenzene	12.62	95	345887	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	

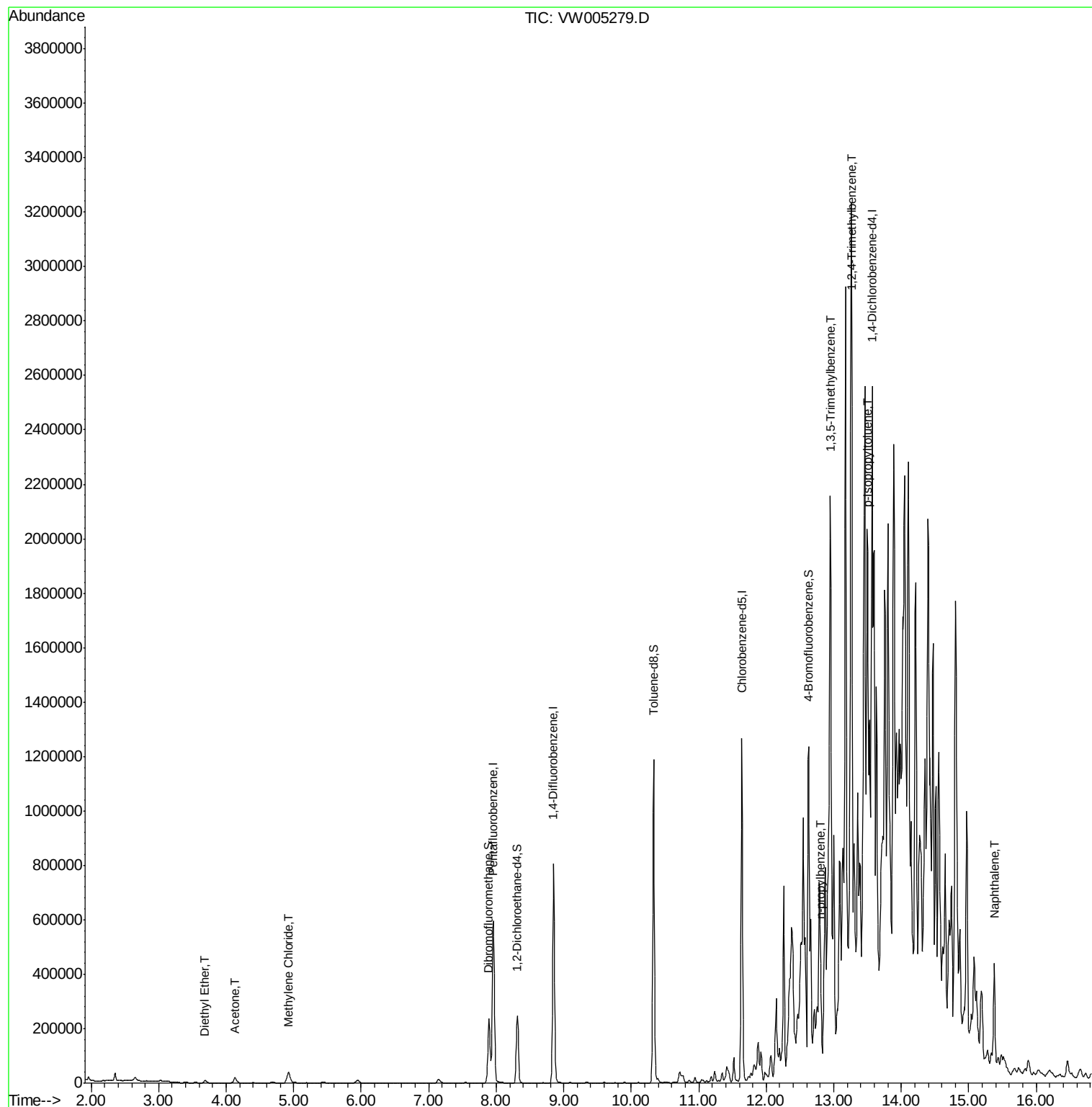
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	4816	2.26	ug/l	99
16) Acetone	4.14	43	35024	50.68	ug/l	97
20) Methylene Chloride	4.92	84	33236	3.40	ug/l	96
78) n-propylbenzene	12.81	91	109821	3.07	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	457917	18.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1675480	65.75	ug/l	99
86) p-Isopropyltoluene	13.51	119	222841	7.90	ug/l	100
95) Naphthalene	15.38	128	346047	23.30	ug/l	100

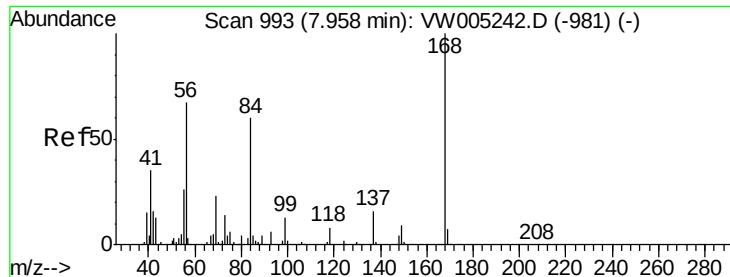
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005279.D

Acq: 11 Sep 2018 16:44

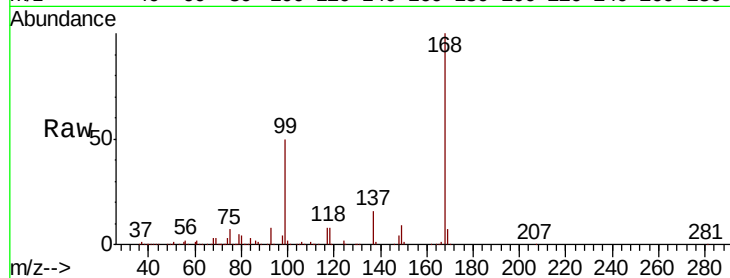
Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-N

Tot Ion:168 Resp: 499178

Ion Ratio Lower Upper

168 100

99 49.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

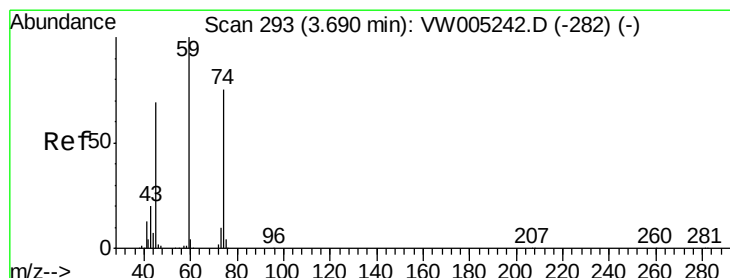
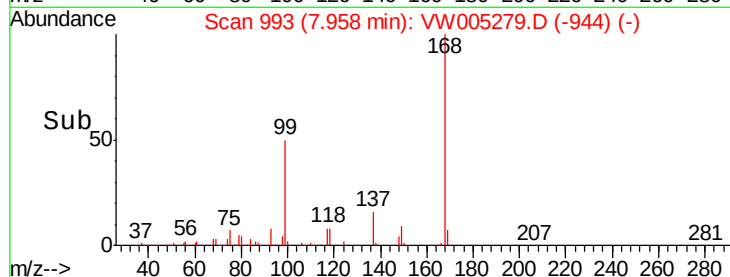
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.26 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW005279.D

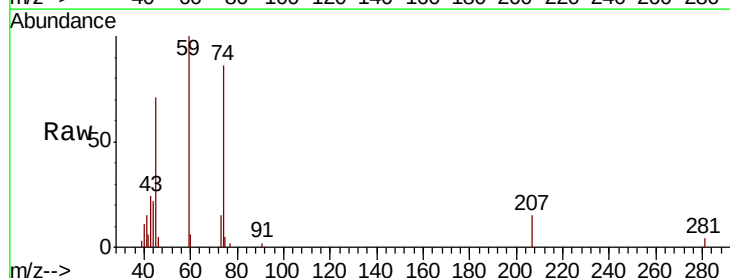
Acq: 11 Sep 2018 16:44

Tgt Ion: 74 Resp: 4816

Ion Ratio Lower Upper

74 100

45 88.8 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

2500

2000

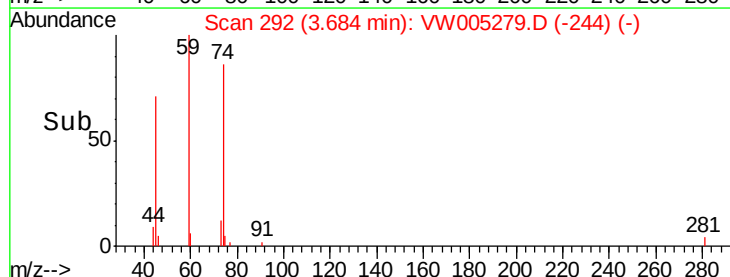
1500

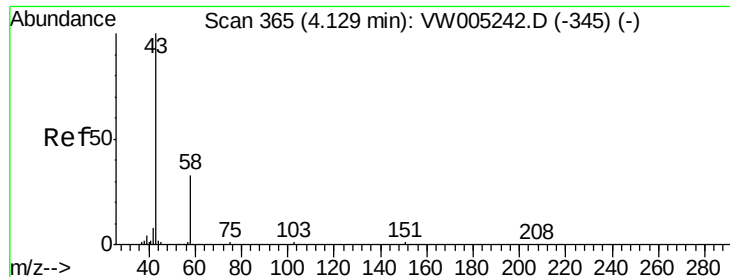
1000

500

0

Time-->





#16

Acetone

Concen: 50.68 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005279.D

Acq: 11 Sep 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

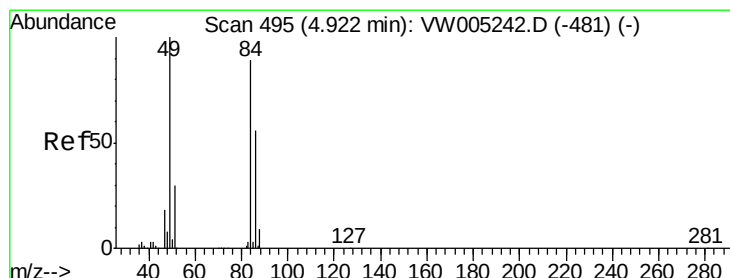
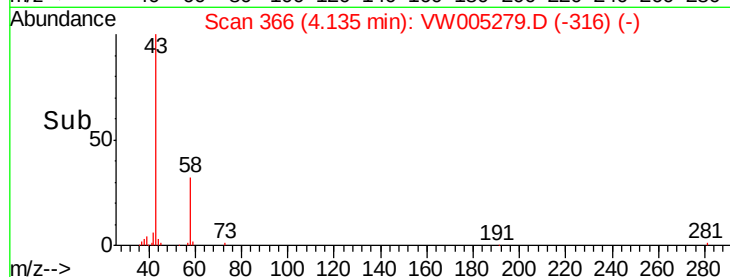
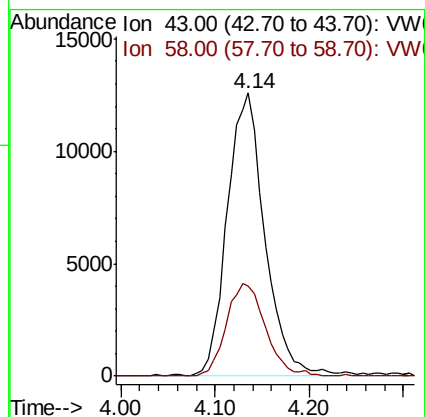
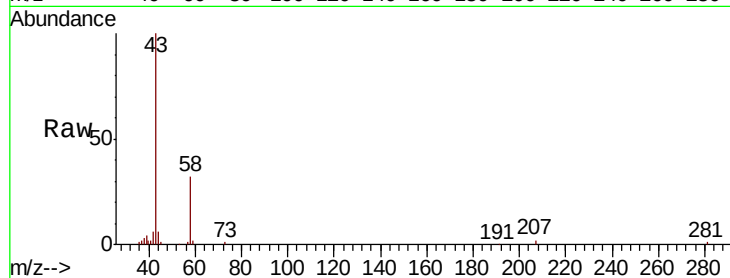
EP1-SUT-4USTS-N

Tot Ion: 43 Resp: 35024

Ion Ratio Lower Upper

43 100

58 31.9 26.7 40.1



#20

Methylene Chloride

Concen: 3.40 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW005279.D

Acq: 11 Sep 2018 16:44

Tgt Ion: 84 Resp: 33236

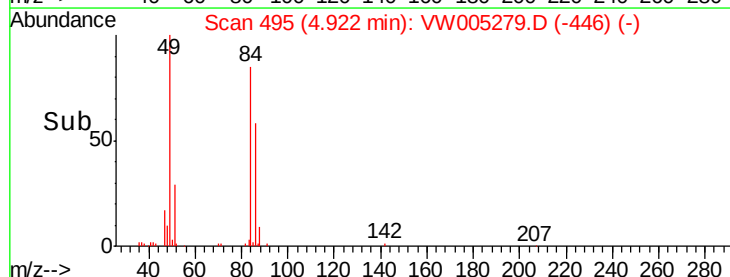
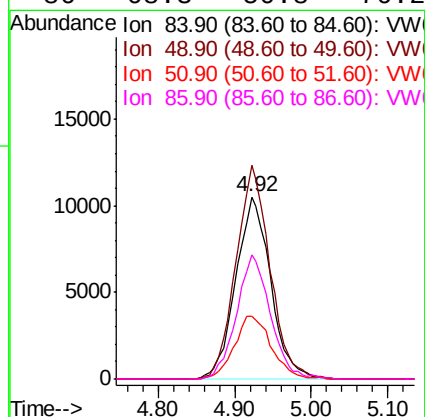
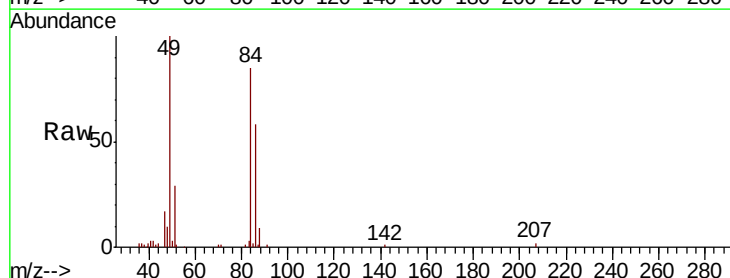
Ion Ratio Lower Upper

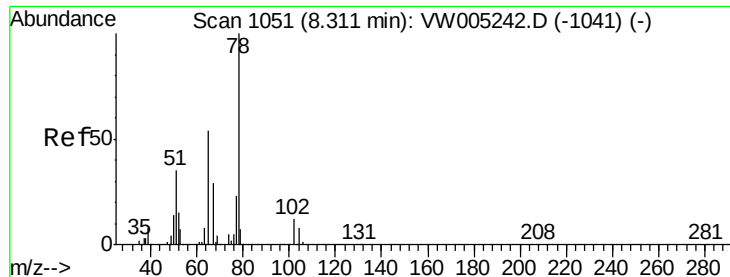
84 100

49 117.3 90.3 135.5

51 34.4 26.9 40.3

86 68.3 50.8 76.2

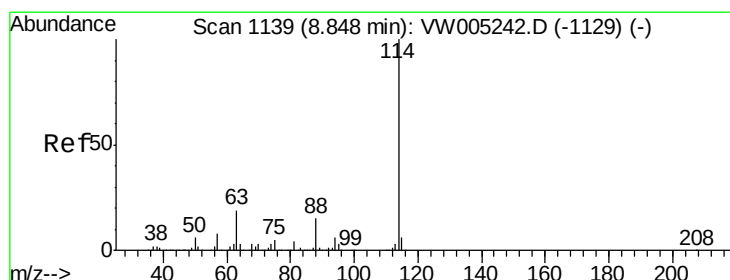
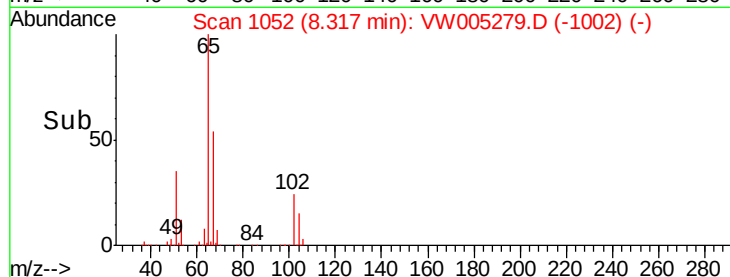
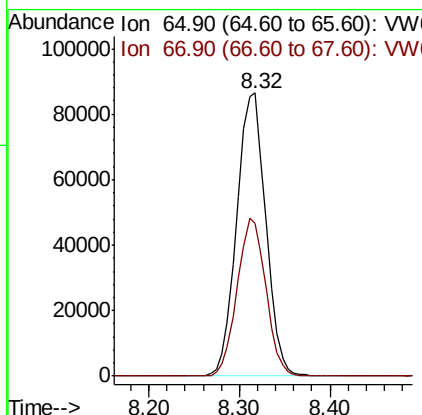
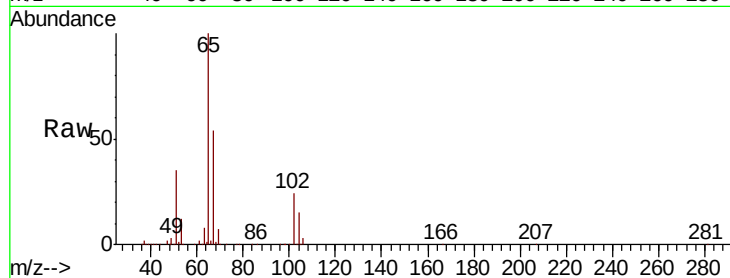




#33
 1,2-Dichloroethane-d4
 Concen: 51.77 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005279.D
 Acq: 11 Sep 2018 16:44

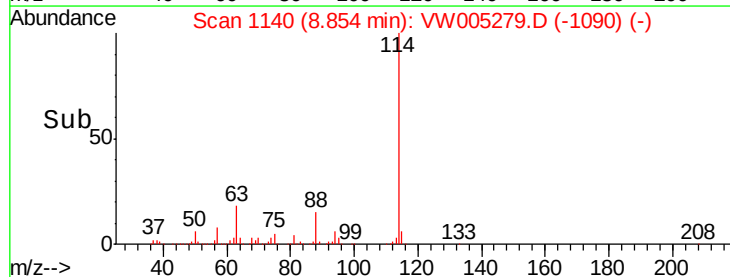
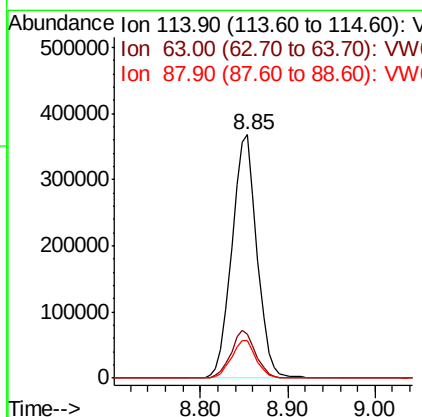
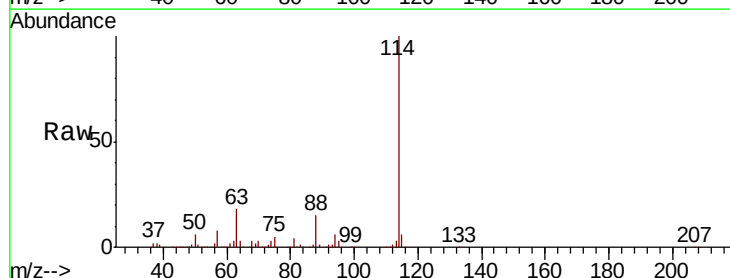
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-N

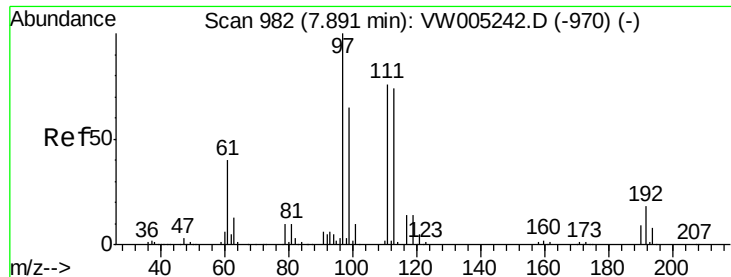
Tot Ion: 65 Resp: 192731
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005279.D
 Acq: 11 Sep 2018 16:44

Tgt Ion: 114 Resp: 733846
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 37.0
 88 15.3 0.0 30.4

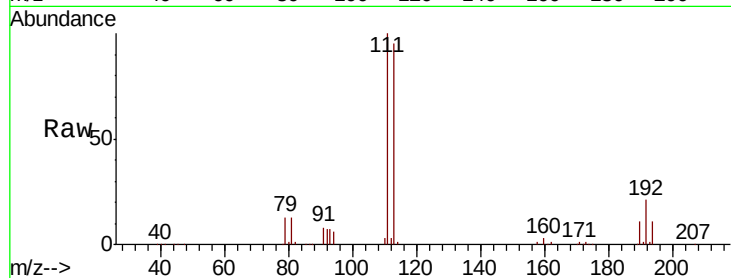




#35
 Dibromofluoromethane
 Concen: 45.60 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005279.D
 Acq: 11 Sep 2018 16:44

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-N

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.6	121.0
192	22.1	18.3	27.5

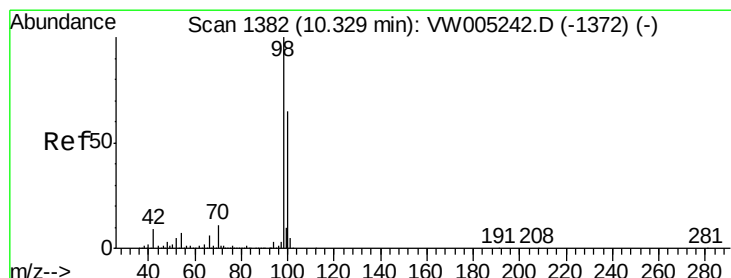
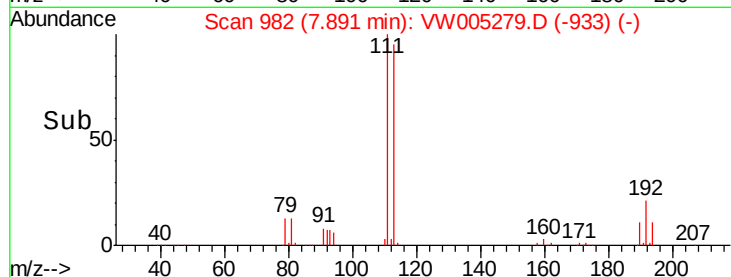
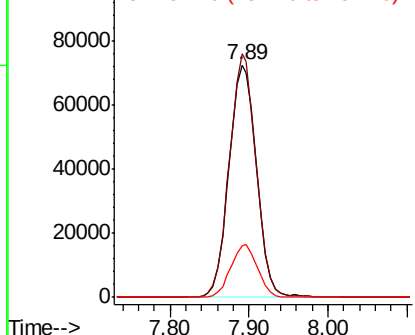


Abundance

Ion 112.80 (112.50 to 113.50): V

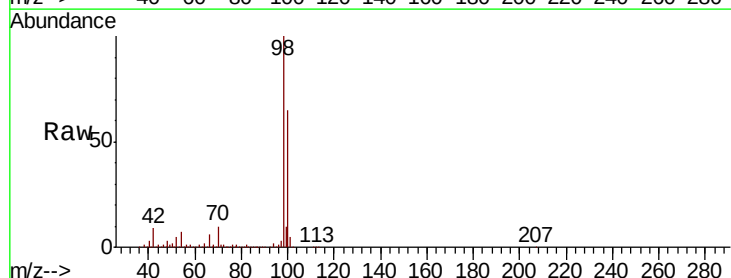
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 42.67 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005279.D
 Acq: 11 Sep 2018 16:44

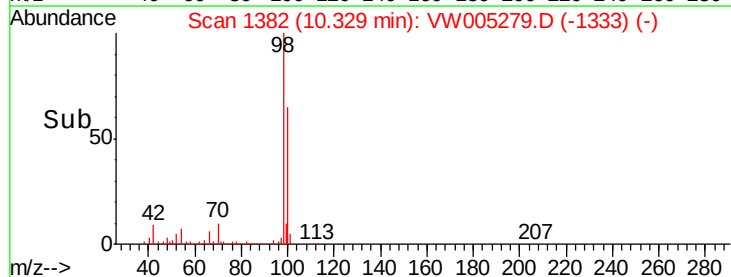
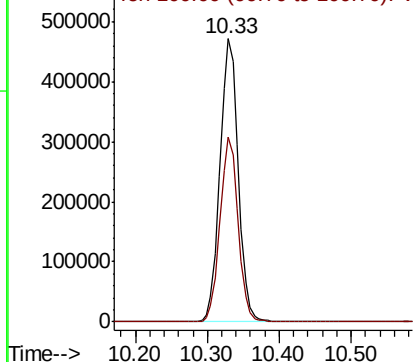
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0

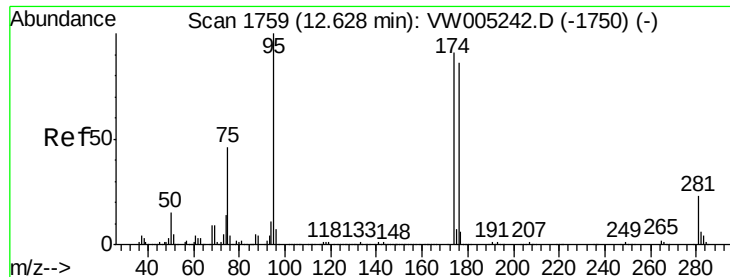


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

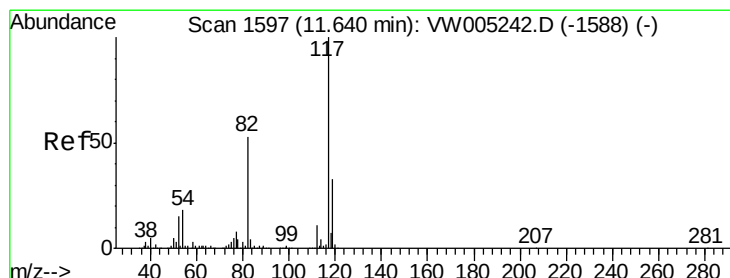
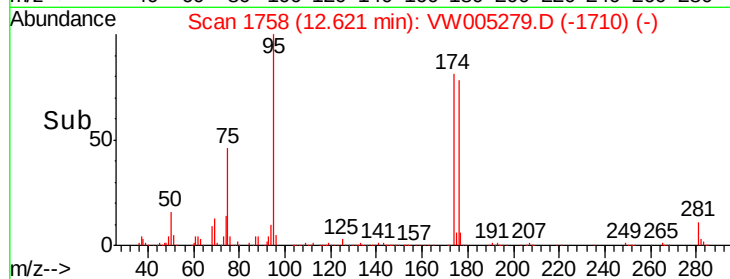
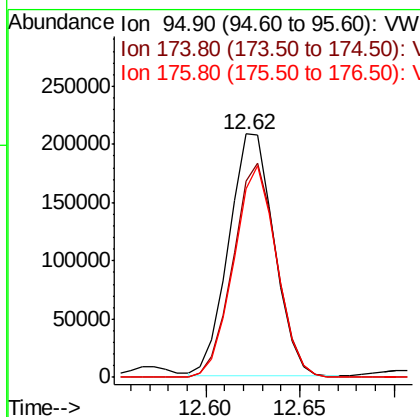
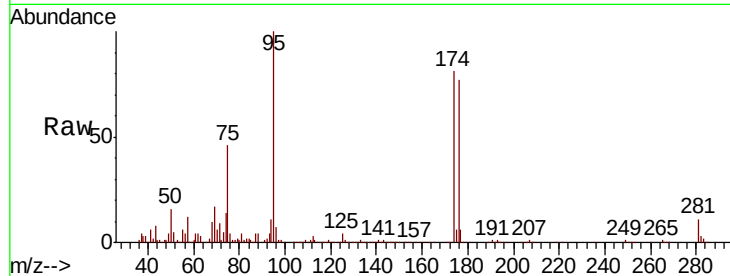




#62
4-Bromofluorobenzene
Concen: 48.68 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005279.D
Acq: 11 Sep 2018 16:44

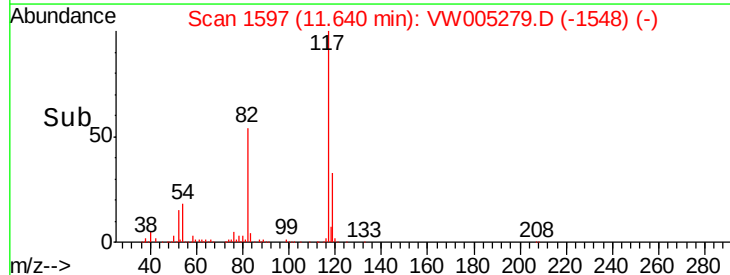
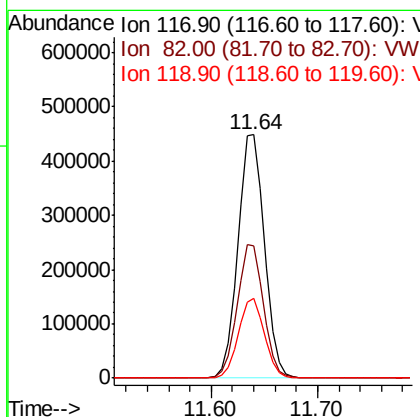
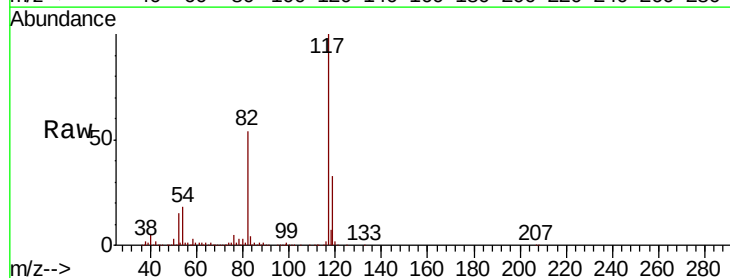
Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-N

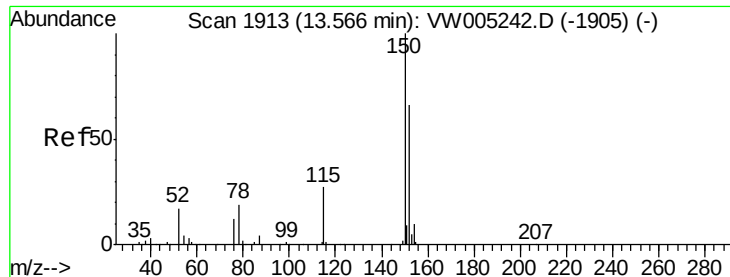
Tot Ion: 95 Resp: 345887
Ion Ratio Lower Upper
95 100
174 85.5 0.0 174.6
176 83.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005279.D
Acq: 11 Sep 2018 16:44

Tgt Ion: 117 Resp: 785914
Ion Ratio Lower Upper
117 100
82 54.1 42.6 63.8
119 32.9 26.2 39.4



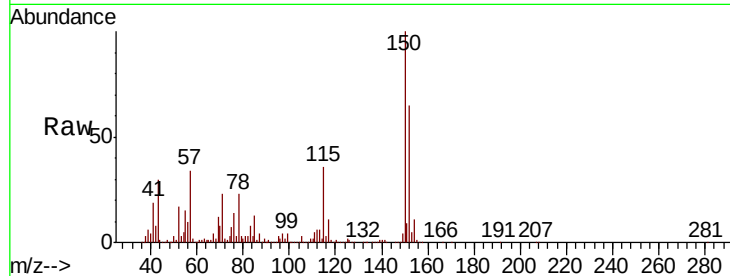


#72

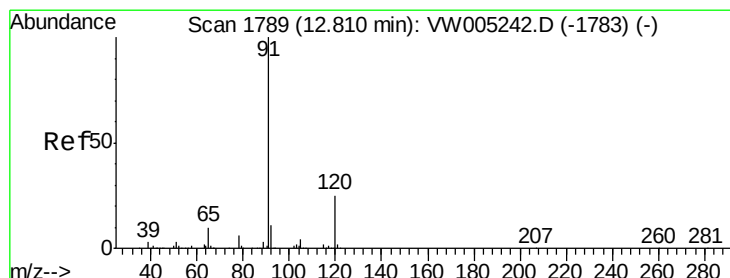
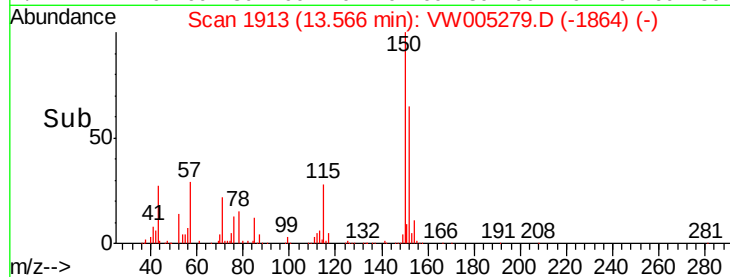
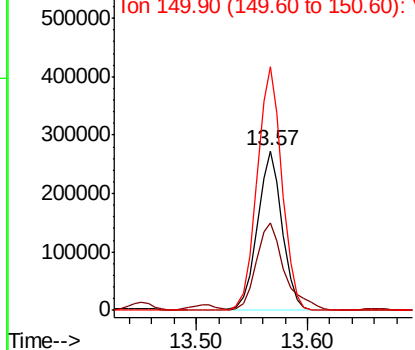
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005279.D
Acq: 11 Sep 2018 16:44

Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-N

Tot Ion:152 Resp: 421466
Ion Ratio Lower Upper
152 100
115 62.4 27.5 82.4
150 153.3 0.0 347.4



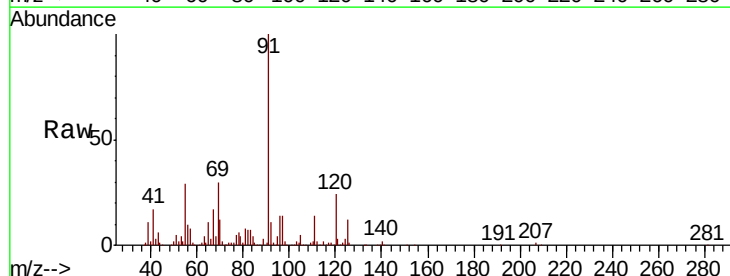
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



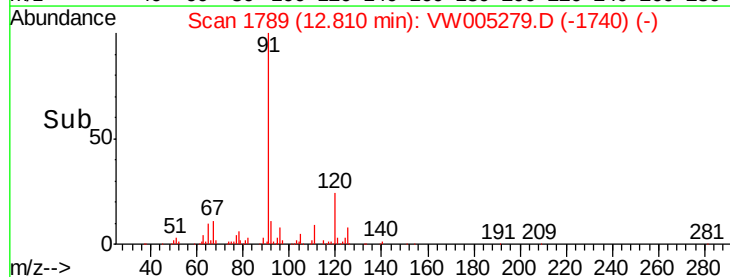
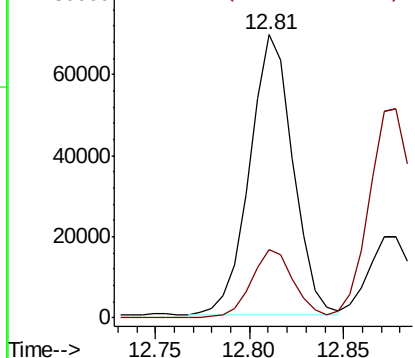
#78

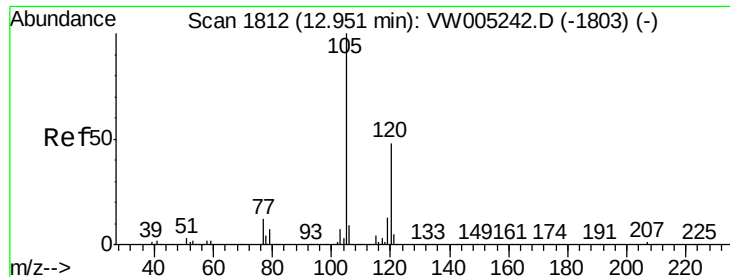
n-propylbenzene
Concen: 3.07 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005279.D
Acq: 11 Sep 2018 16:44

Tgt Ion: 91 Resp: 109821
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

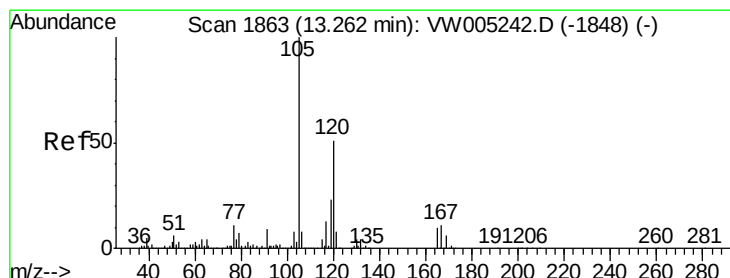
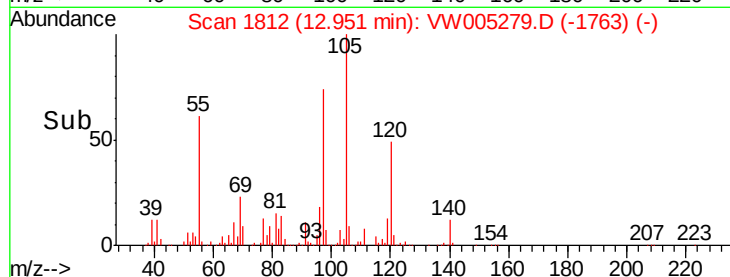
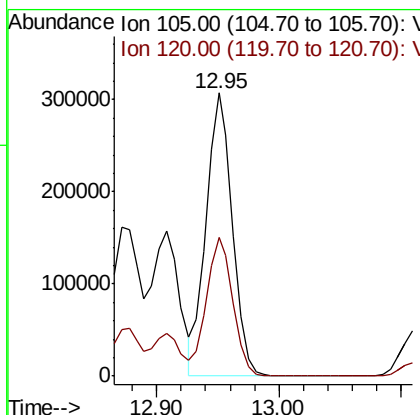
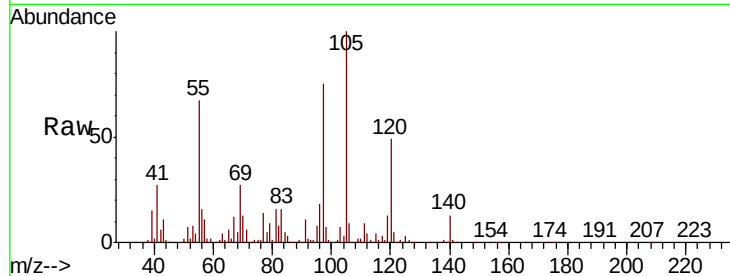




#80
 1,3,5-Trimethylbenzene
 Concen: 18.06 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005279.D
 Acq: 11 Sep 2018 16:44

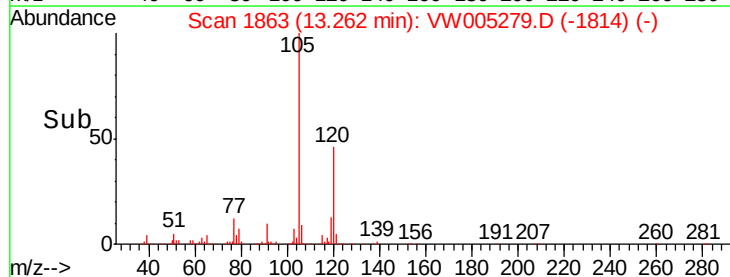
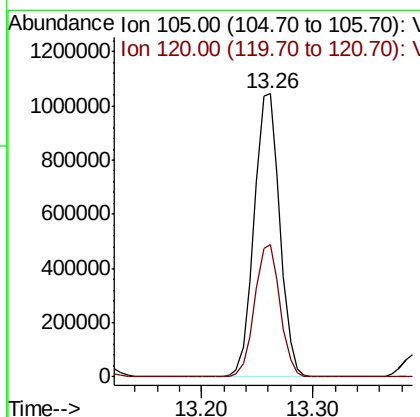
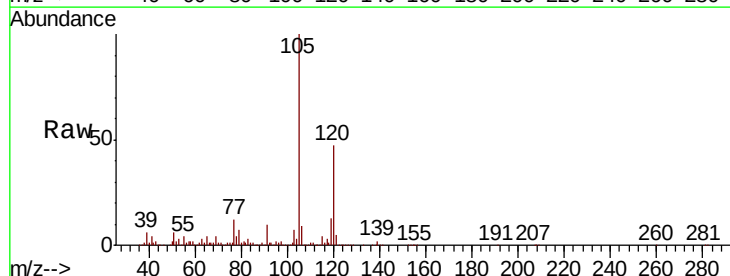
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-N

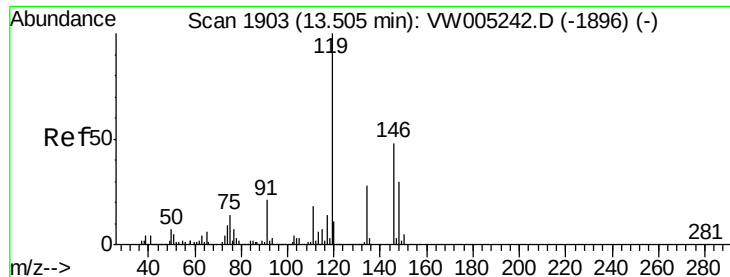
Tot Ion:105 Resp: 457917
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 65.75 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VW005279.D
 Acq: 11 Sep 2018 16:44

Tgt Ion:105 Resp: 1675480
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.3

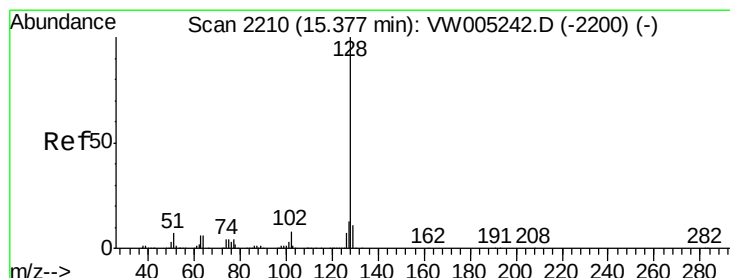
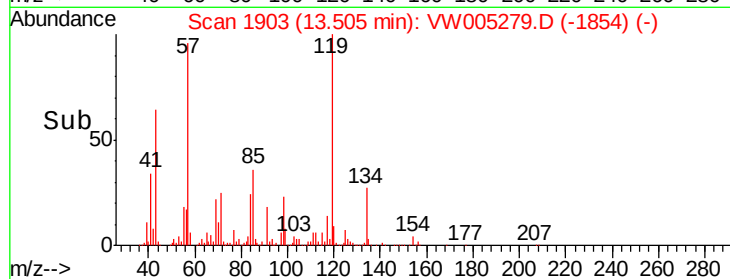
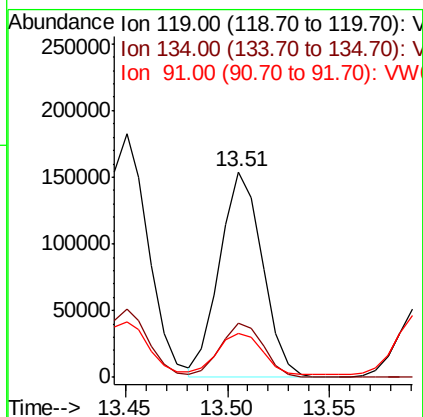
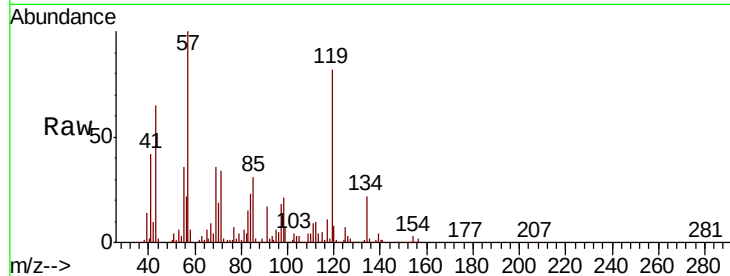




#86
 p-Isopropyltoluene
 Concen: 7.90 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005279.D
 Acq: 11 Sep 2018 16:44

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-N

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.2	39.5
91	21.1	10.7	32.1



#95
 Naphthalene
 Concen: 23.30 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW005279.D
 Acq: 11 Sep 2018 16:44

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.8	13.2

