

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002292.D
 Acq On : 08 May 2018 14:22
 Operator : JC/SY
 Sample : J2626-05RE
 Misc : 11.04G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-MX-4(93-97)RE

Quant Time: May 08 16:29:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

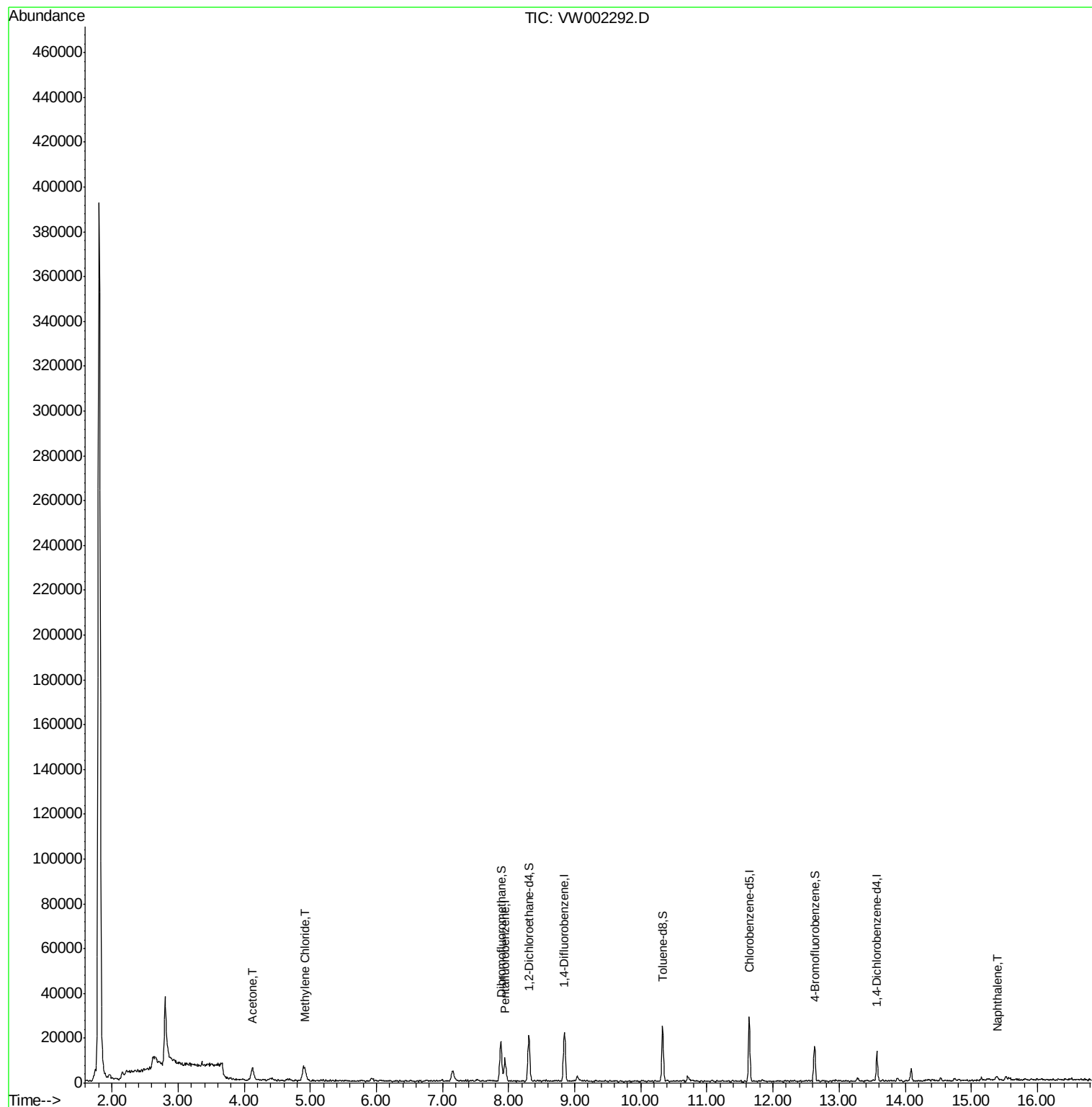
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	7641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	18125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	14848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	15173	186.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	373.98%	
35) Dibromofluoromethane	7.88	113	12038	103.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	207.24%	
50) Toluene-d8	10.33	98	15416	34.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.60%	
62) 4-Bromofluorobenzene	12.63	95	4248	26.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.06%	
Target Compounds						
16) Acetone	4.13	43	10471	660.76	ug/l	Qvalue 97
20) Methylene Chloride	4.91	84	5343	69.93	ug/l	93
95) Naphthalene	15.39	128	1616	13.65	ug/l #	97

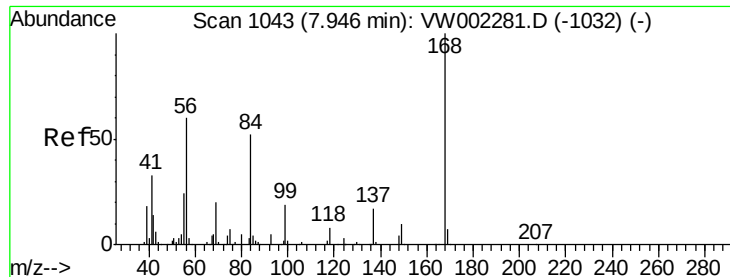
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VW002292.D

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Instrument :

MSVOA_W

ClientSampleId :

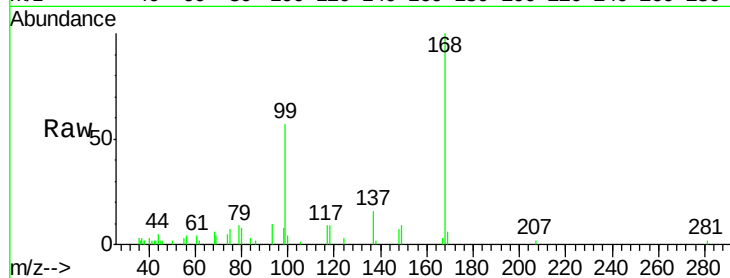
EPE-MX-4(93-97)RE

Tot Ion:168 Resp: 7641

Ion Ratio Lower Upper

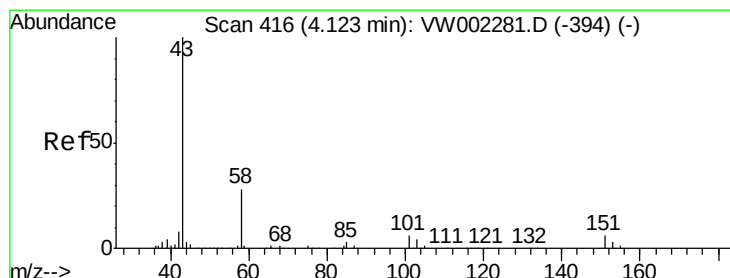
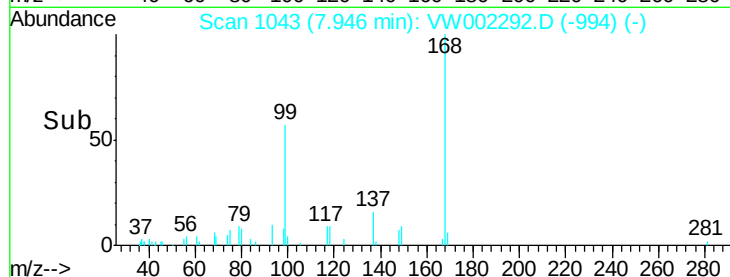
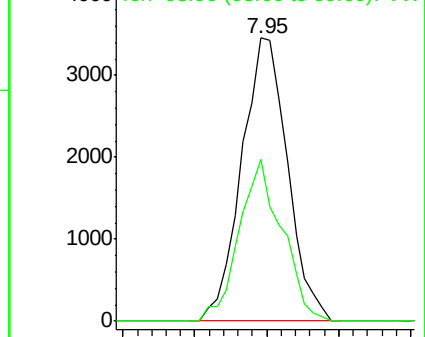
168 100

99 57.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 660.76 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002292.D

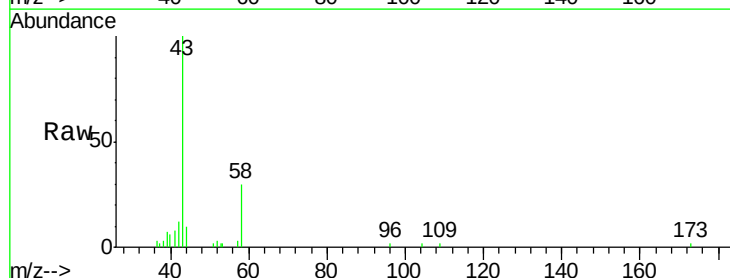
Acq: 08 May 2018 14:22

Tgt Ion: 43 Resp: 10471

Ion Ratio Lower Upper

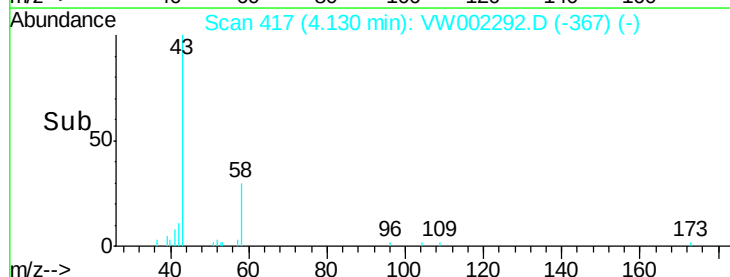
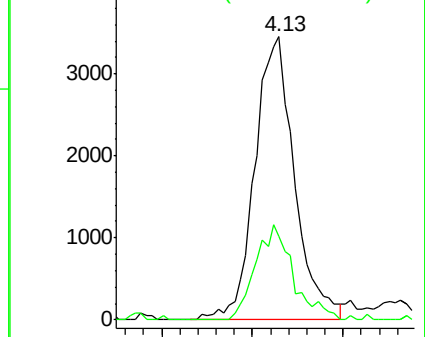
43 100

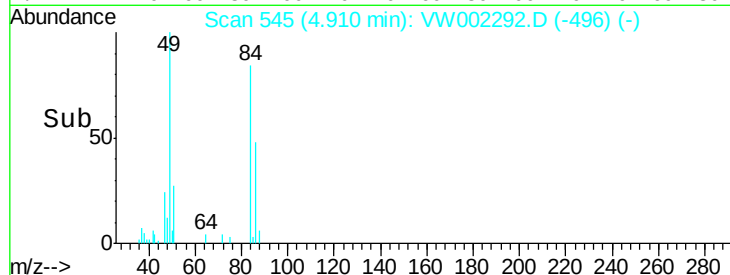
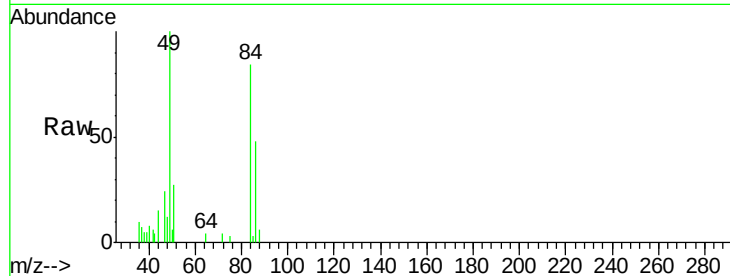
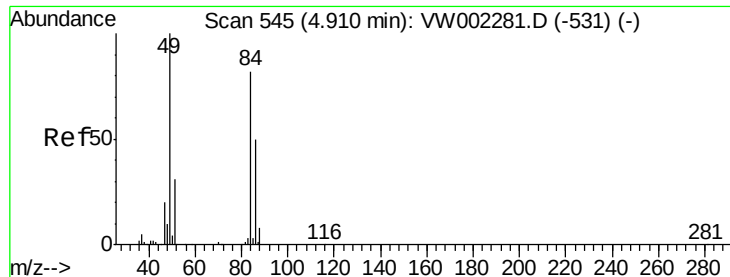
58 29.6 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

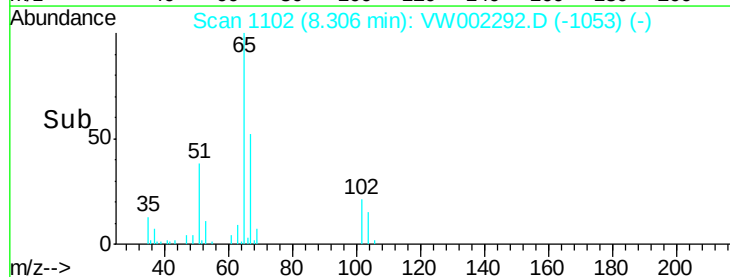
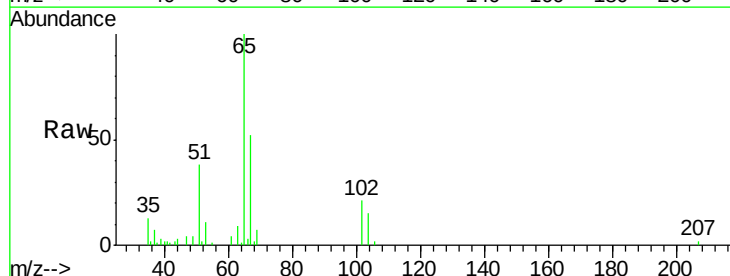
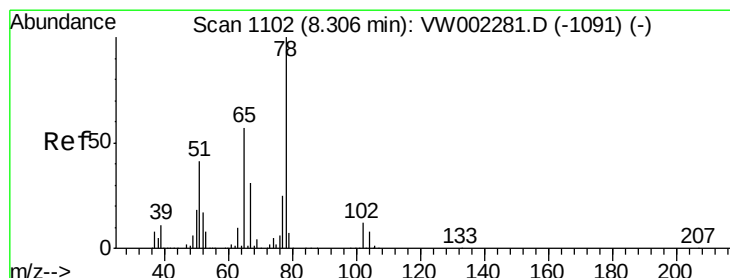
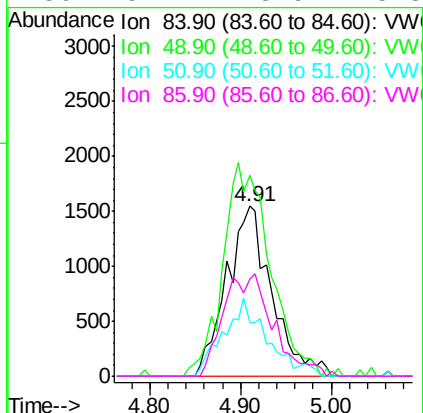




#20
Methylene Chloride
Concen: 69.93 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW002292.D
Acq: 08 May 2018 14:22

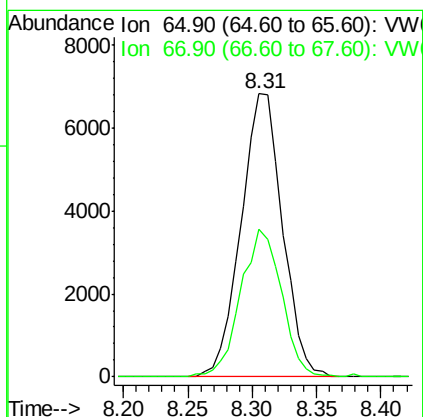
Instrument :
MSVOA_W
ClientSampleId :
EPE-MX-4(93-97)RE

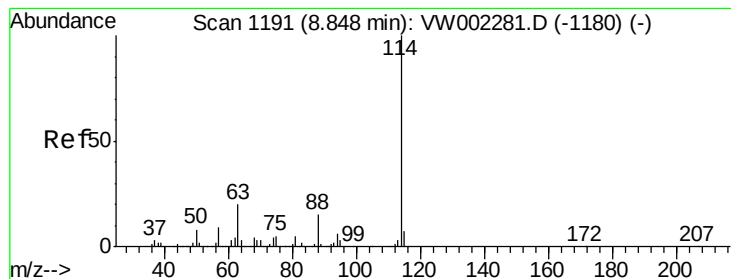
Tot Ion:	84	Resp:	5343
Ion	Ratio	Lower	Upper
84	100		
49	114.2	97.7	146.5
51	31.7	30.2	45.4
86	57.4	48.9	73.3



#33
1,2-Dichloroethane-d4
Concen: 186.99 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW002292.D
Acq: 08 May 2018 14:22

Tgt Ion:	65	Resp:	15173
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW002292.D

Acq: 08 May 2018 14:22

Instrument :

MSVOA_W

ClientSampleId :

EPE-MX-4(93-97)RE

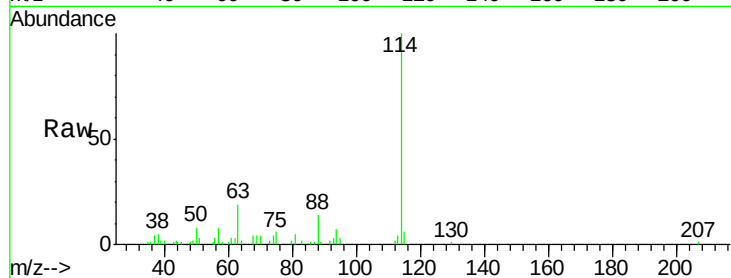
Tot Ion:114 Resp: 18125

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.0

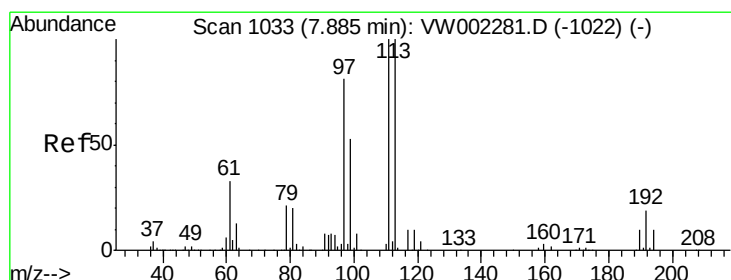
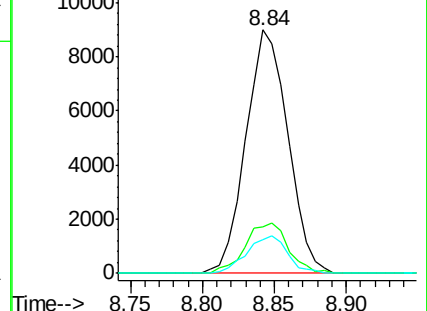
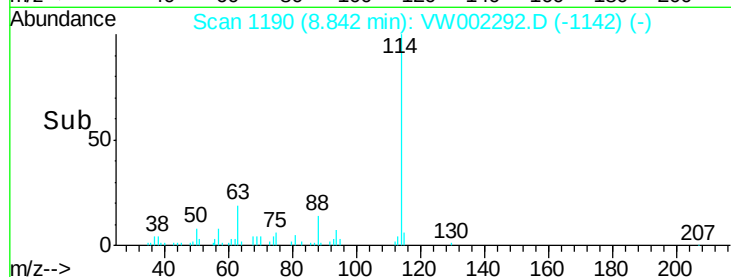
88 13.7 0.0 29.6



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: 103.62 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW002292.D

Acq: 08 May 2018 14:22

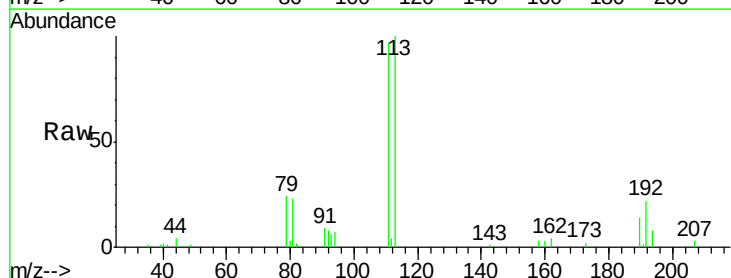
Tgt Ion:113 Resp: 12038

Ion Ratio Lower Upper

113 100

111 103.7 81.5 122.3

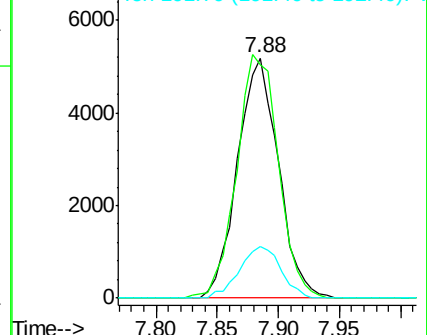
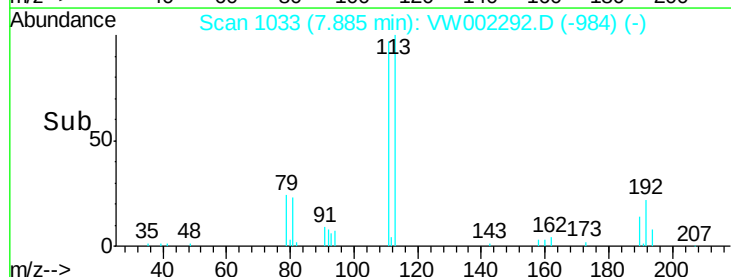
192 21.8 16.4 24.6

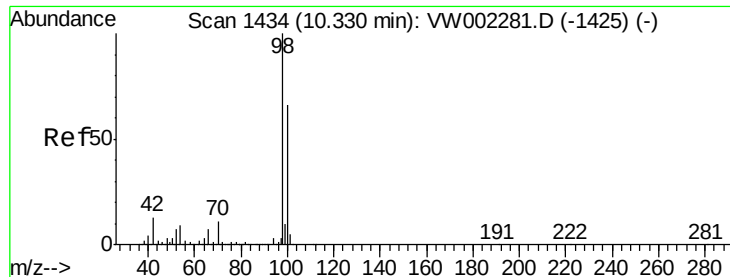


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 34.80 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002292.D

Acq: 08 May 2018 14:22

Instrument :

MSVOA_W

ClientSampleId :

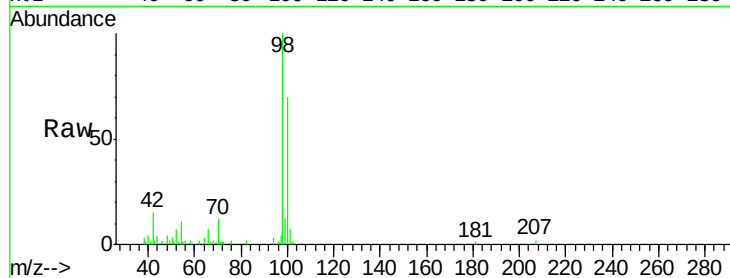
EPE-MX-4(93-97)RE

Tot Ion: 98 Resp: 15416

Ion Ratio Lower Upper

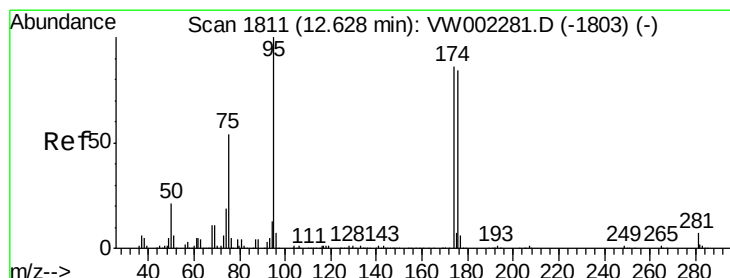
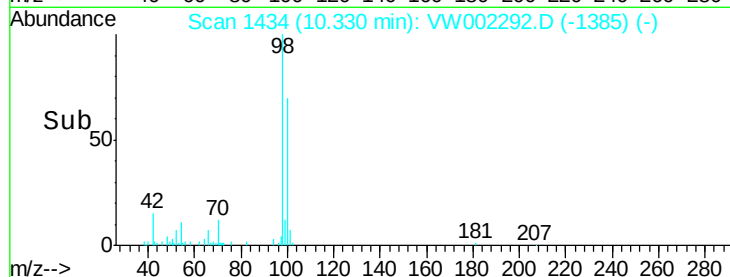
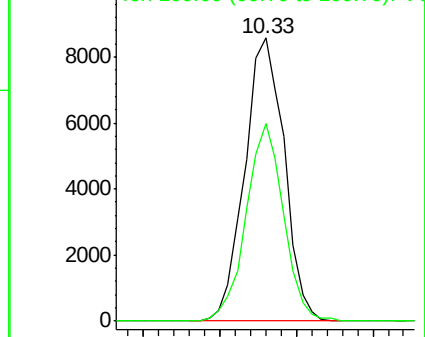
98 100

100 65.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 26.53 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002292.D

Acq: 08 May 2018 14:22

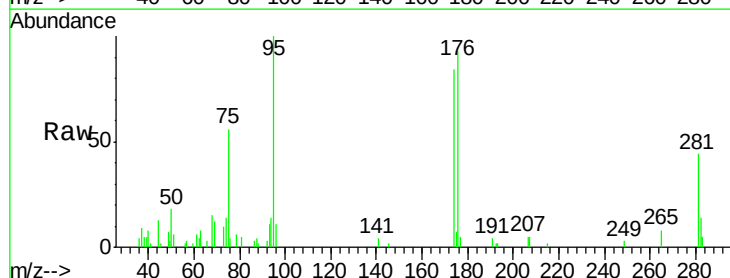
Tgt Ion: 95 Resp: 4248

Ion Ratio Lower Upper

95 100

174 87.0 0.0 176.8

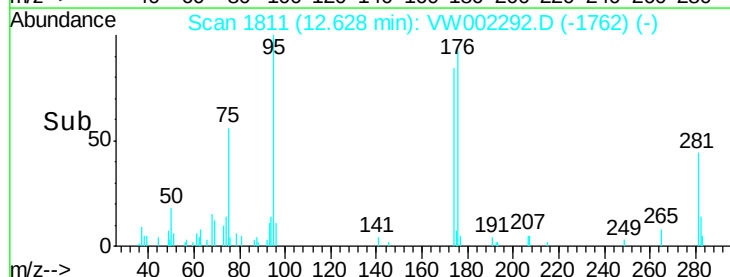
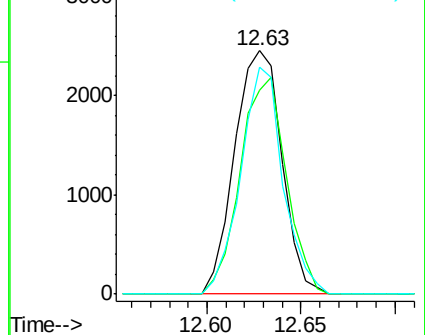
176 84.1 0.0 170.4

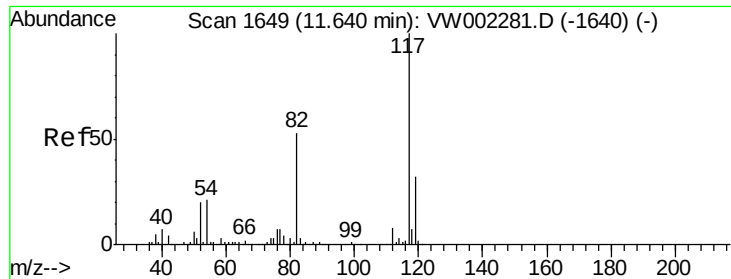


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

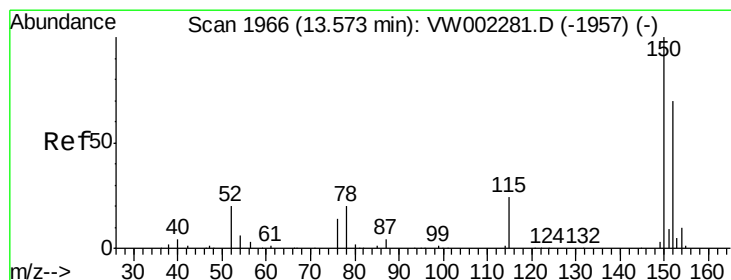
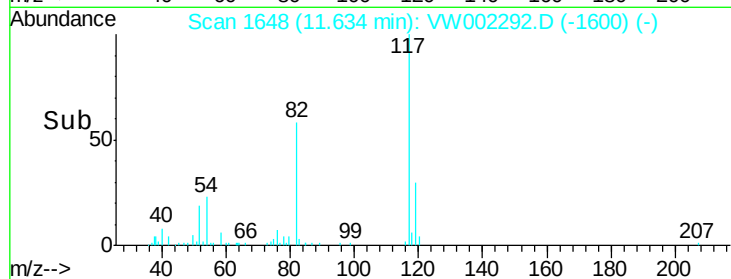
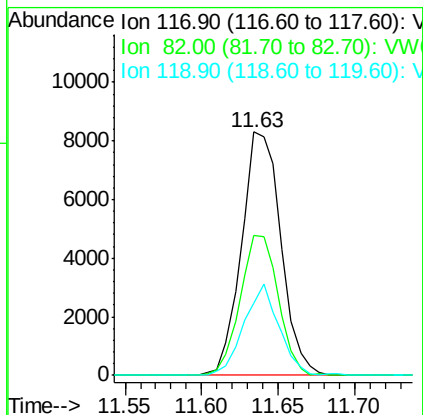
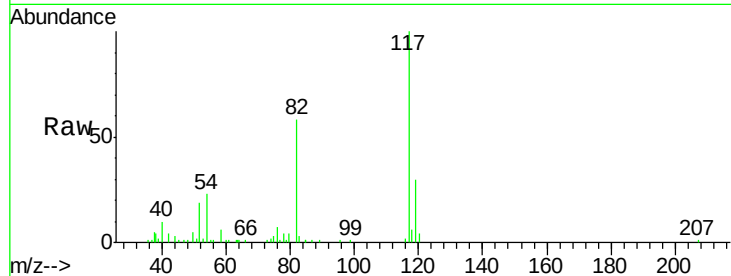




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW002292.D
Acq: 08 May 2018 14:22

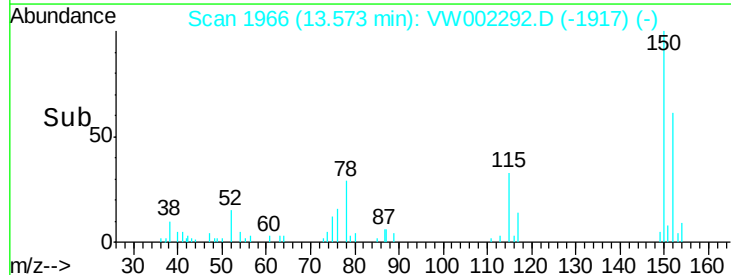
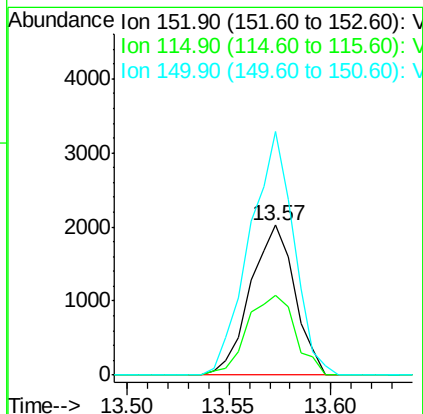
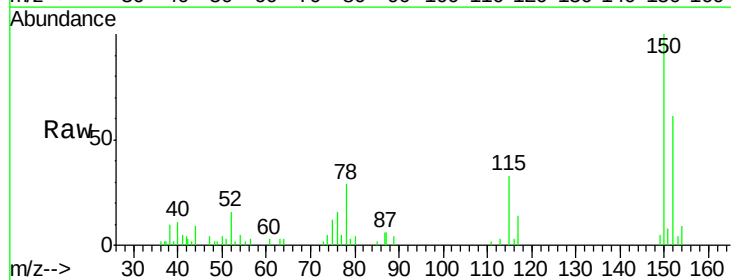
Instrument :
MSVOA_W
ClientSampleId :
EPE-MX-4(93-97)RE

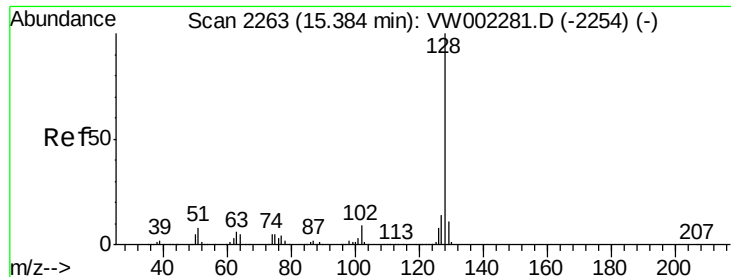
Tot Ion:117 Resp: 14848
Ion Ratio Lower Upper
117 100
82 57.6 42.6 63.8
119 29.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW002292.D
Acq: 08 May 2018 14:22

Tgt Ion:152 Resp: 3064
Ion Ratio Lower Upper
152 100
115 57.6 28.5 85.5
150 161.5 0.0 342.6





#95

Naphthalene

Concen: 13.65 ug/l

RT: 15.39 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VW002292.D

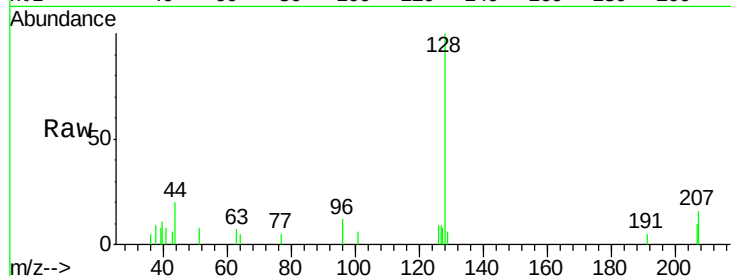
Acq: 08 May 2018 14:22

Instrument :

MSVOA_W

ClientSampleId :

EPE-MX-4(93-97)RE



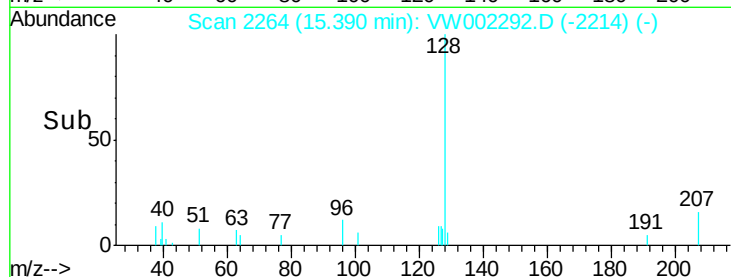
Tot Ion:128 Resp: 1616

Ion Ratio Lower Upper

128 100

127 14.2 11.0 16.4

129 8.6 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

