

Data File : VW002351.D
Acq On : 10 May 2018 02:10
Operator : JC/SY
Sample : J2730-02
Misc : 4.94G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EPE-MX-1(75-77)

Quant Time: May 10 05:51:34 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	84445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	139729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	106835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	30407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47617	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
35) Dibromofluoromethane	7.88	113	46528	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.33	98	124553	36.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.94%	
62) 4-Bromofluorobenzene	12.63	95	30901	25.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.08%	

Target Compounds						Qvalue
11) Tert butyl alcohol	5.15	59	264	4.05	ug/l #	84
16) Acetone	4.12	43	8274	47.24	ug/l	95
20) Methylene Chloride	4.90	84	2386	2.83	ug/l	89
29) Tetrahydrofuran	7.53	42	375	2.20	ug/l #	45
31) Cyclohexane	7.94	56	2020	1.52	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	6471	5.12	ug/l #	53
38) Carbon Tetrachloride	7.95	117	7857	6.43	ug/l #	15
49) 1,4-Dioxane	9.50	88	20	2.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	15732	58.34	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	15732	153.69	ug/l #	10

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

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EPE-MX-1(75-77)

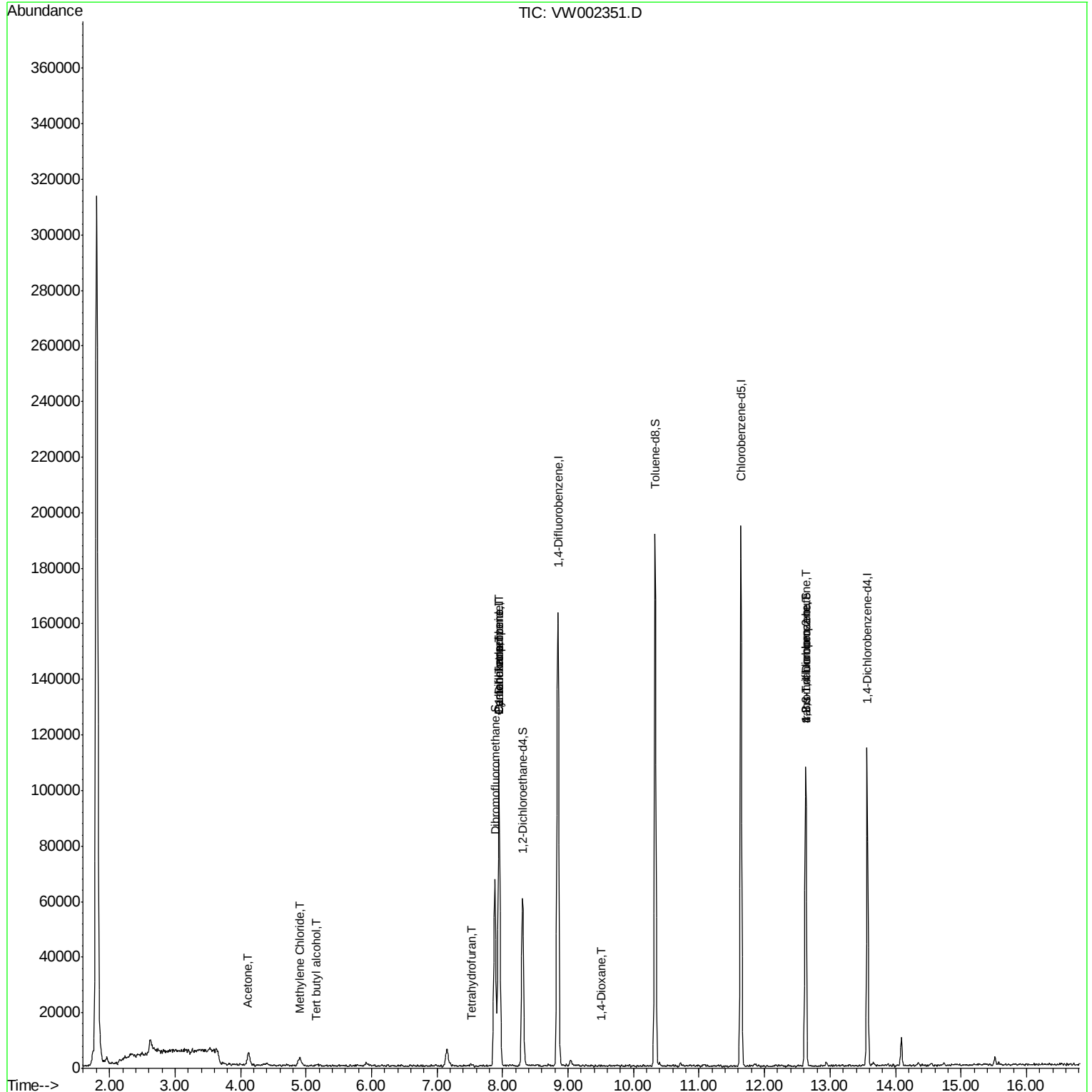
Quant Time: May 10 05:51:34 2018

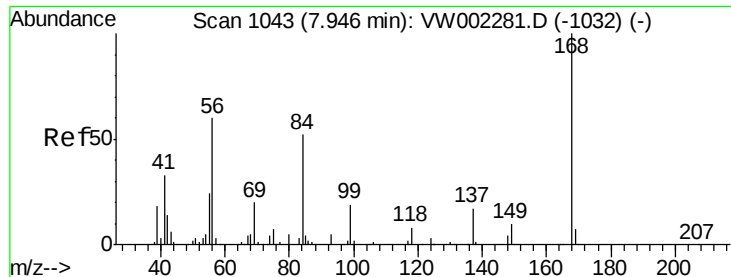
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:57:58 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002351.D

Acq: 10 May 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

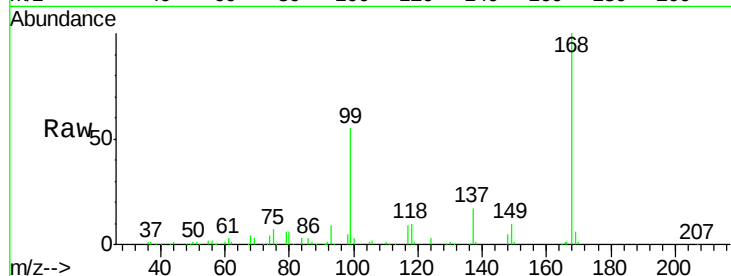
EPE-MX-1(75-77)

Tgt Ion:168 Resp: 84445

Ion Ratio Lower Upper

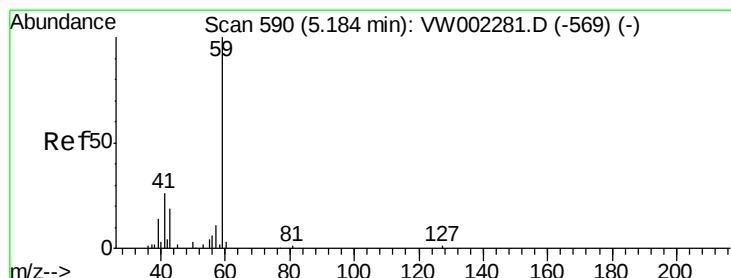
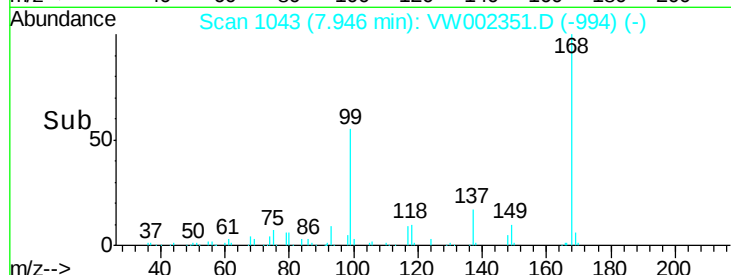
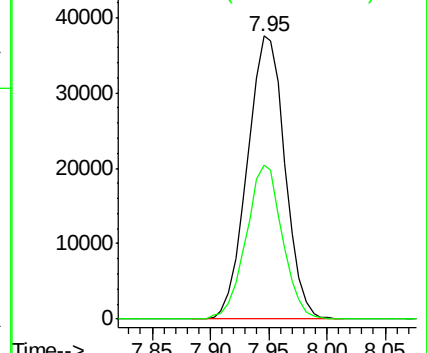
168 100

99 54.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 4.05 ug/l

RT: 5.15 min Scan# 585

Delta R.T. -0.03 min

Lab File: VW002351.D

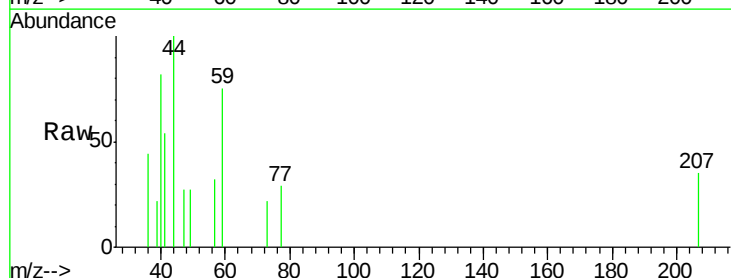
Acq: 10 May 2018 02:10

Tgt Ion: 59 Resp: 264

Ion Ratio Lower Upper

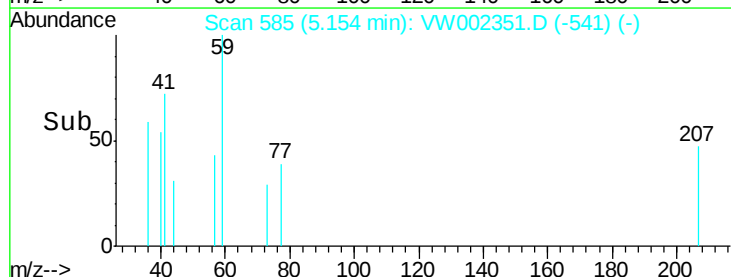
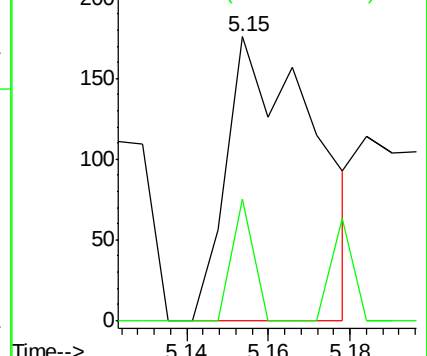
59 100

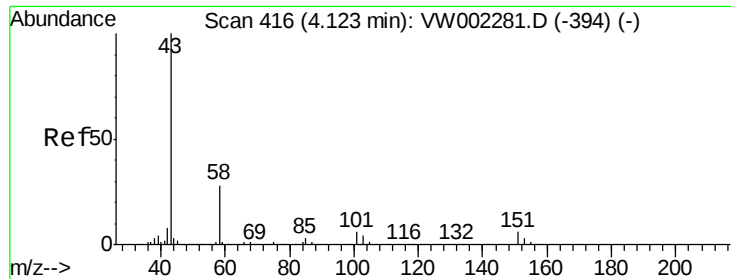
57 10.2 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 47.24 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002351.D

Acq: 10 May 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

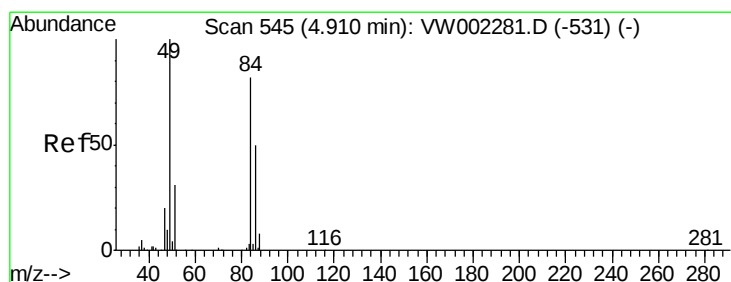
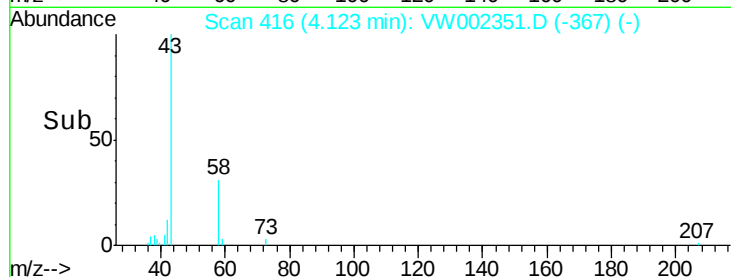
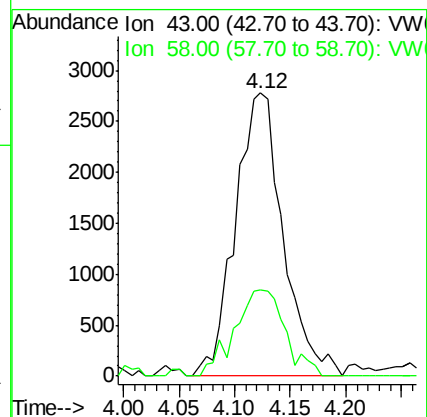
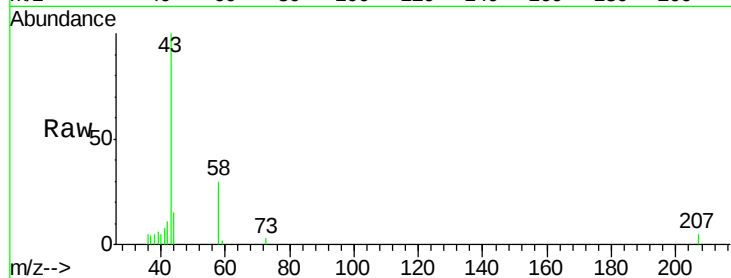
EPE-MX-1(75-77)

Tgt Ion: 43 Resp: 8274

Ion Ratio Lower Upper

43 100

58 30.4 22.2 33.4



#20

Methylene Chloride

Concen: 2.83 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW002351.D

Acq: 10 May 2018 02:10

Tgt Ion: 84 Resp: 2386

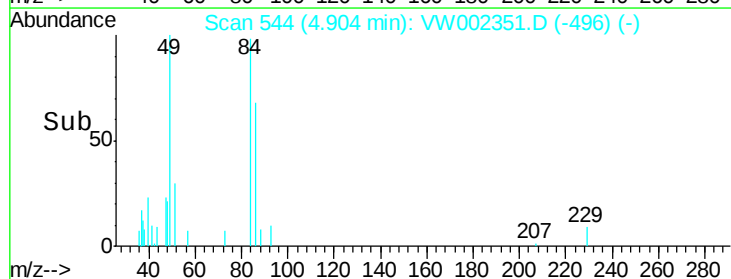
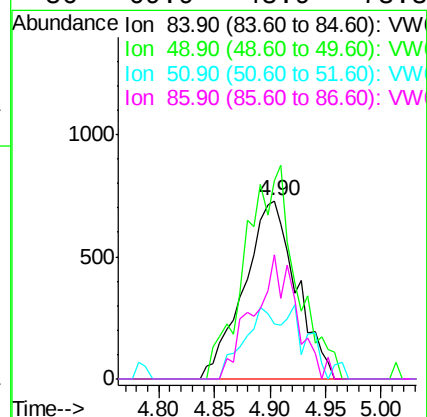
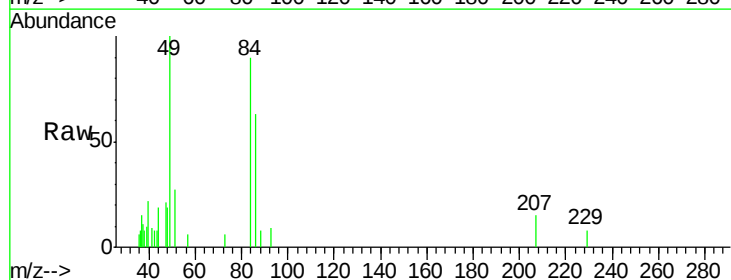
Ion Ratio Lower Upper

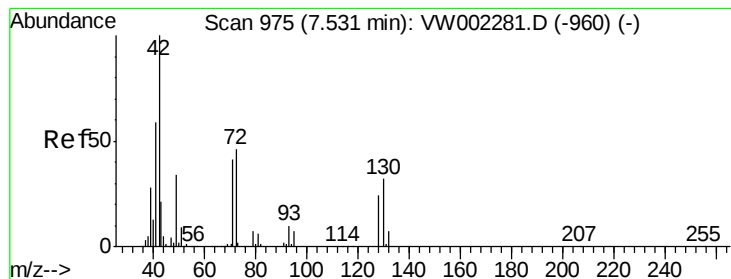
84 100

49 111.4 97.7 146.5

51 30.5 30.2 45.4

86 69.9 48.9 73.3





#29

Tetrahydrofuran

Concen: 2.20 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002351.D

Acq: 10 May 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

EPE-MX-1(75-77)

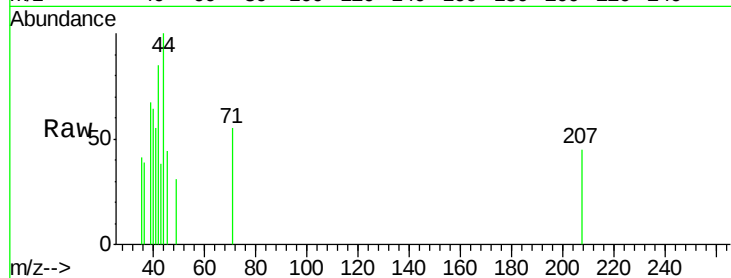
Tgt Ion: 42 Resp: 375

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

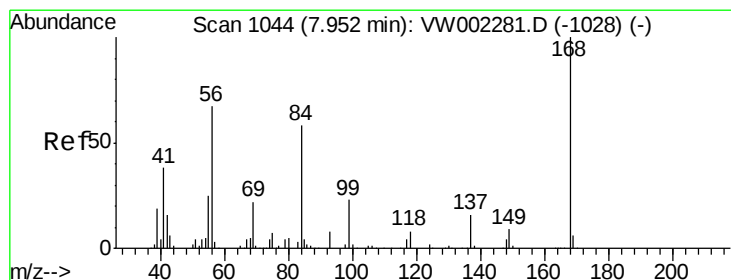
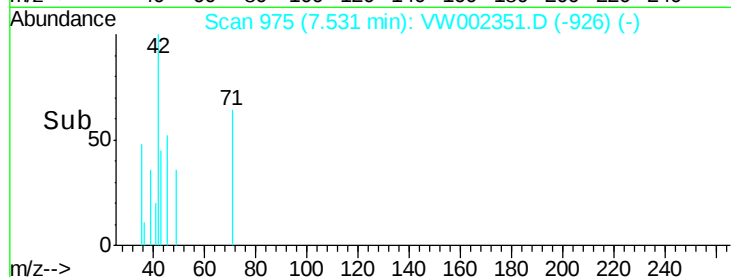
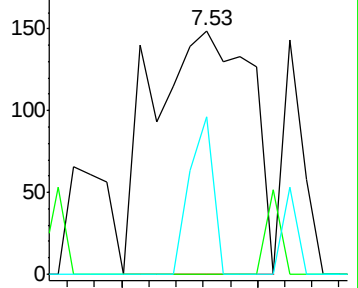
71 15.5 33.0 49.6#



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: 1.52 ug/l

RT: 7.94 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VW002351.D

Acq: 10 May 2018 02:10

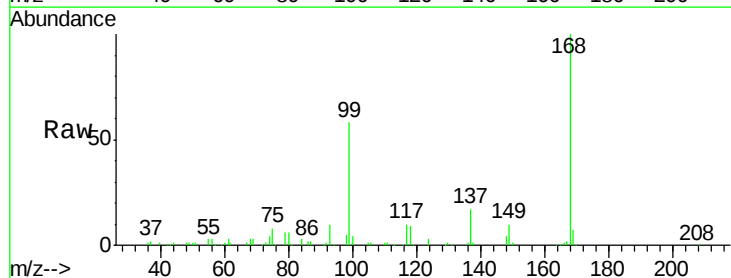
Tgt Ion: 56 Resp: 2020

Ion Ratio Lower Upper

56 100

69 124.9 26.2 39.4#

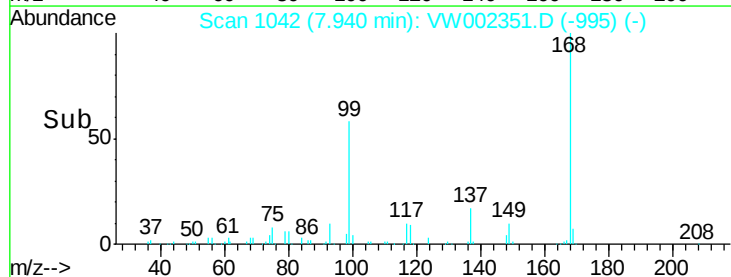
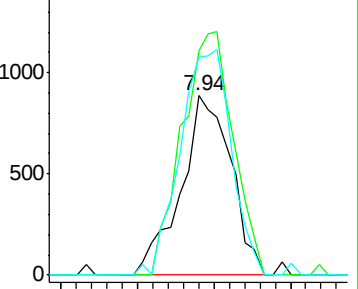
84 121.9 69.2 103.8#

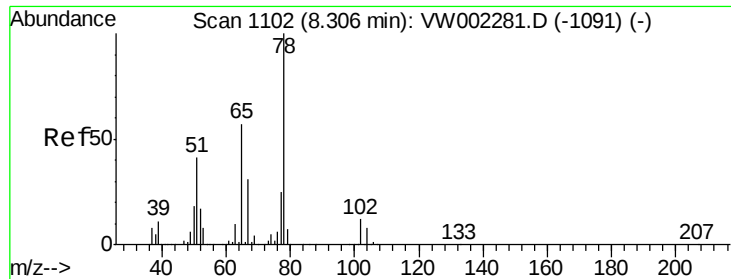


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

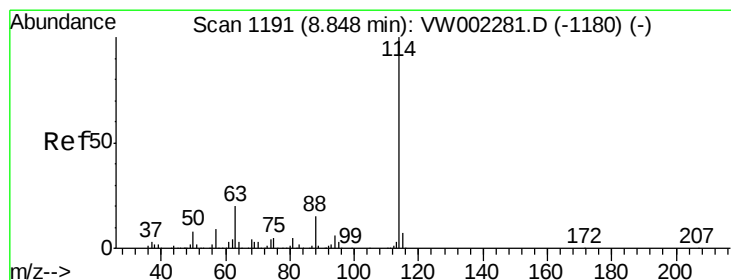
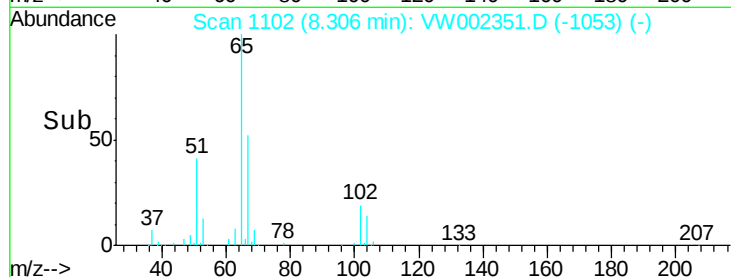
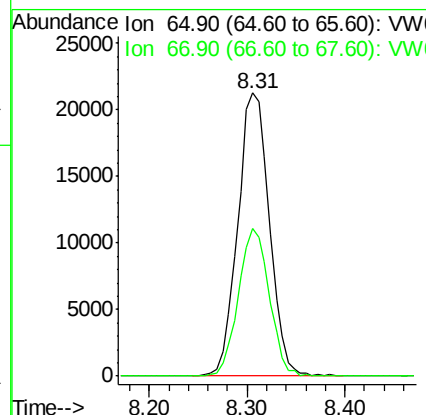
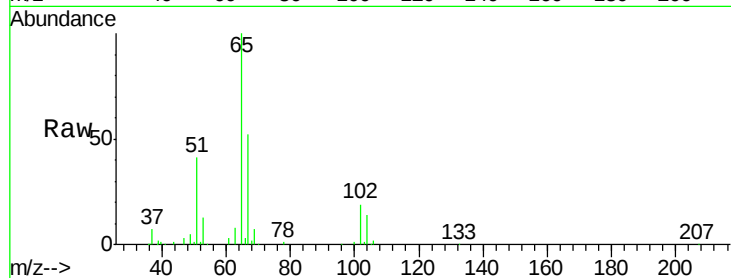




#33
 1,2-Dichloroethane-d4
 Concen: 53.10 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002351.D
 Acq: 10 May 2018 02:10

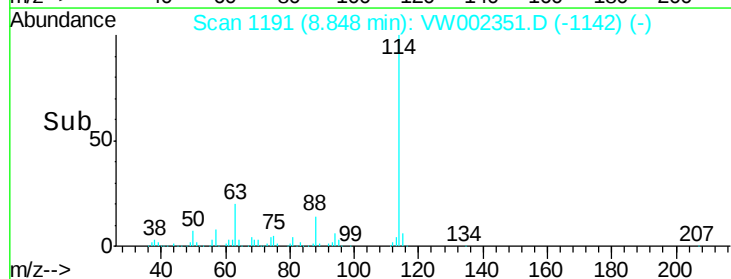
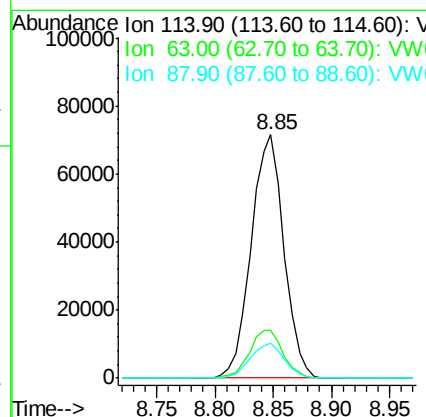
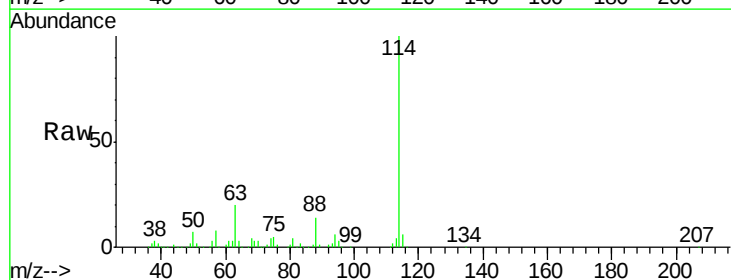
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-MX-1(75-77)

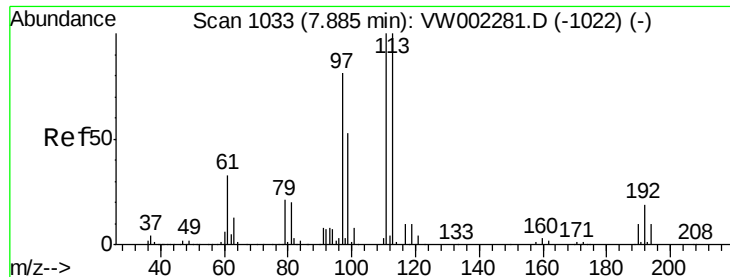
Tgt Ion: 65 Resp: 47617
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002351.D
 Acq: 10 May 2018 02:10

Tgt Ion: 114 Resp: 139729
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 14.4 0.0 29.6

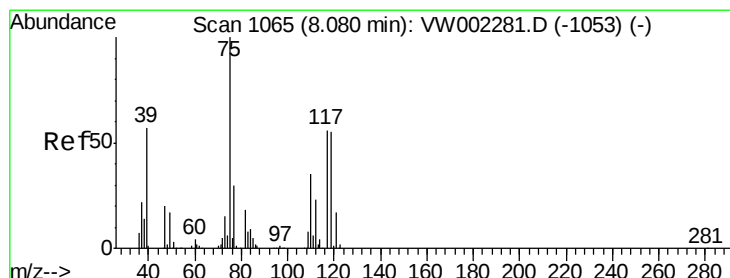
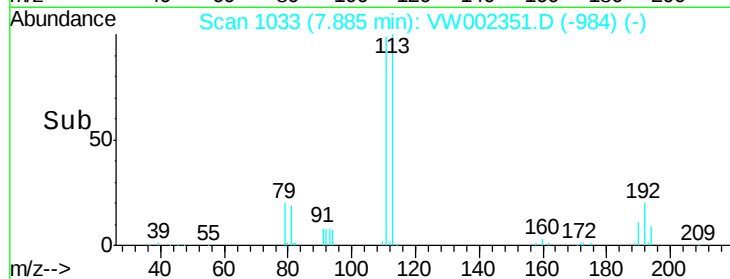
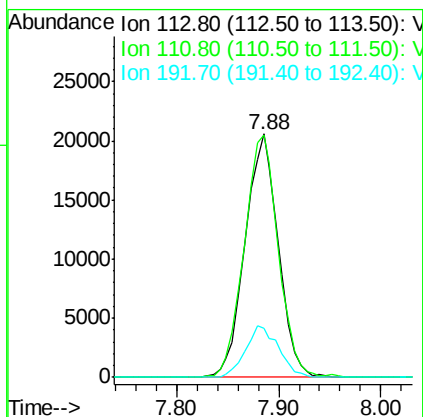
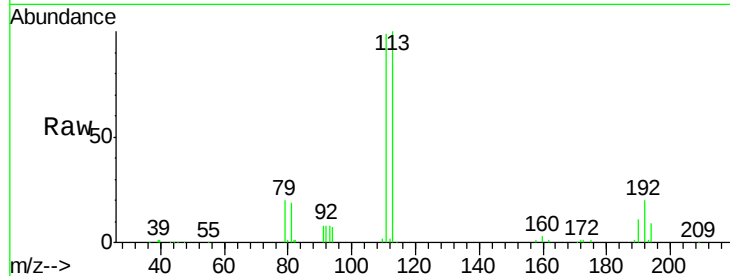




#35
 Dibromofluoromethane
 Concen: 51.95 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002351.D
 Acq: 10 May 2018 02:10

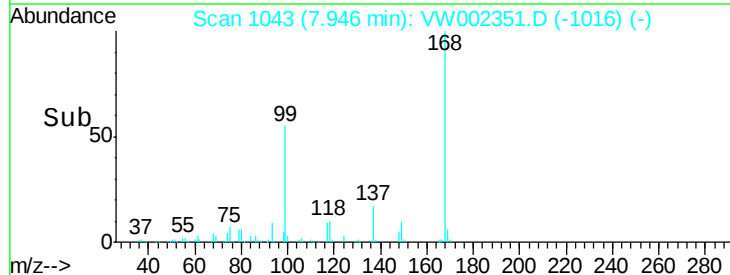
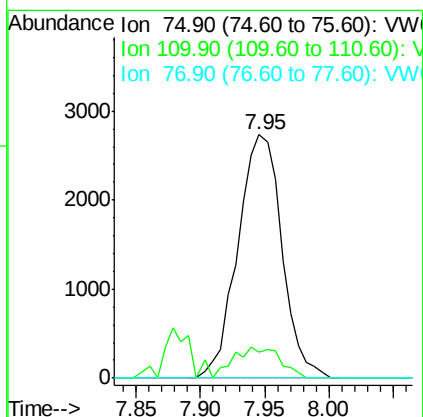
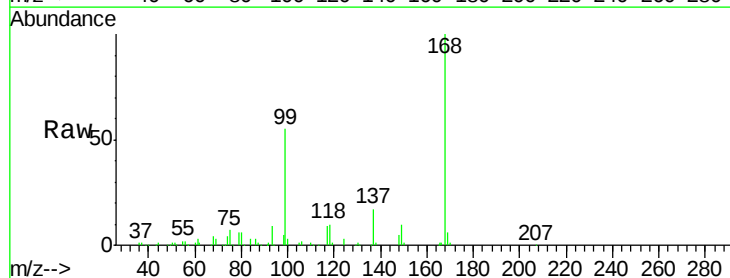
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-MX-1(75-77)

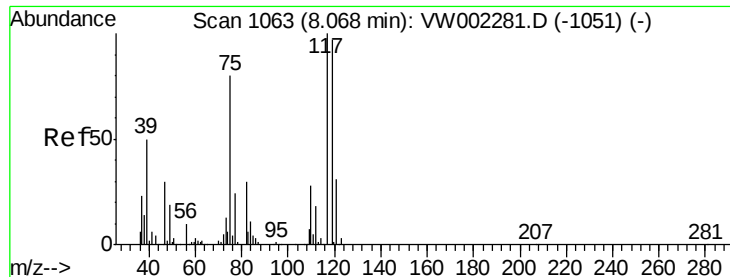
Tgt Ion: 113 Resp: 46528
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 21.1 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.12 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002351.D
 Acq: 10 May 2018 02:10

Tgt Ion: 75 Resp: 6471
 Ion Ratio Lower Upper
 75 100
 110 13.3 18.1 54.1#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.43 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW002351.D

Acq: 10 May 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

EPE-MX-1(75-77)

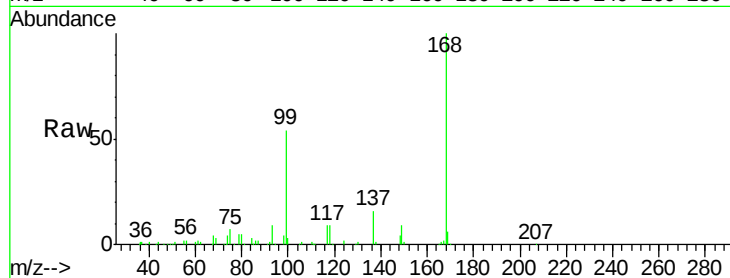
Tgt Ion: 117 Resp: 7857

Ion Ratio Lower Upper

117 100

119 5.0 77.5 116.3#

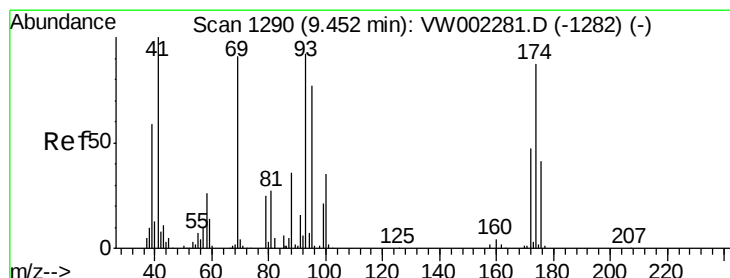
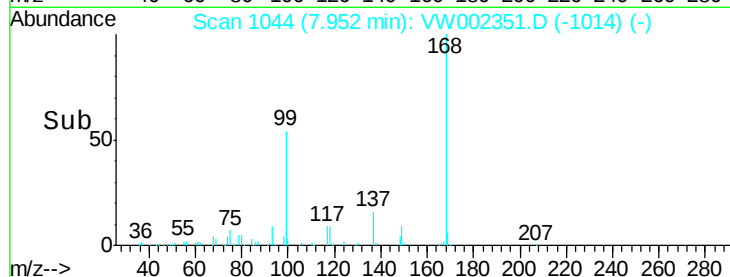
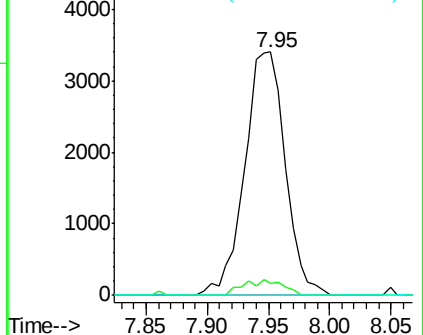
121 0.0 24.4 36.6#



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



#49

1,4-Dioxane

Concen: 2.43 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.05 min

Lab File: VW002351.D

Acq: 10 May 2018 02:10

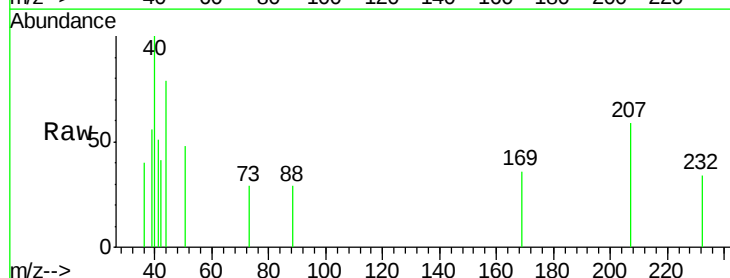
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 240.0 26.3 39.5#

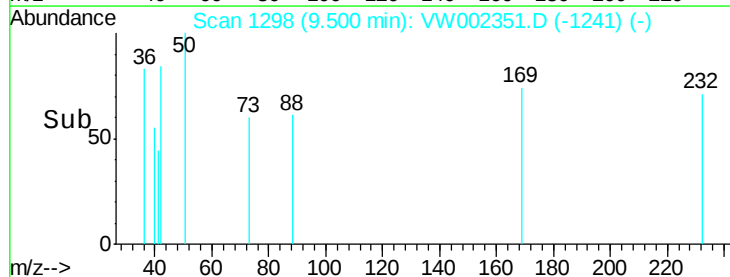
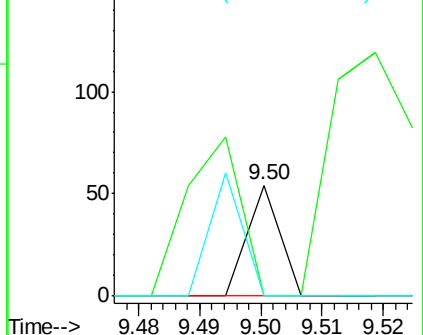
58 110.0 56.0 84.0#

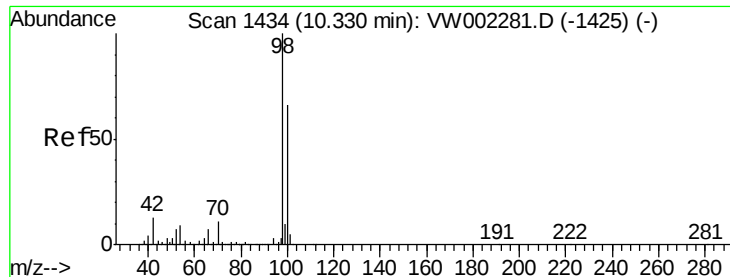


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 36.47 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002351.D

Acq: 10 May 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

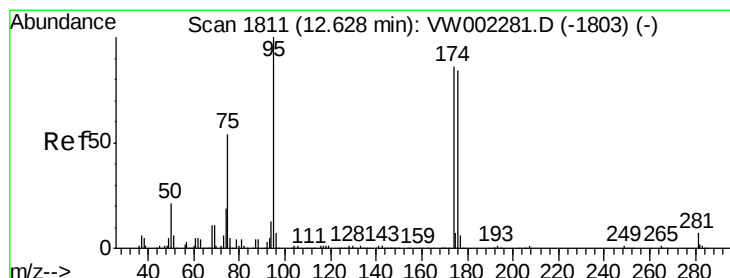
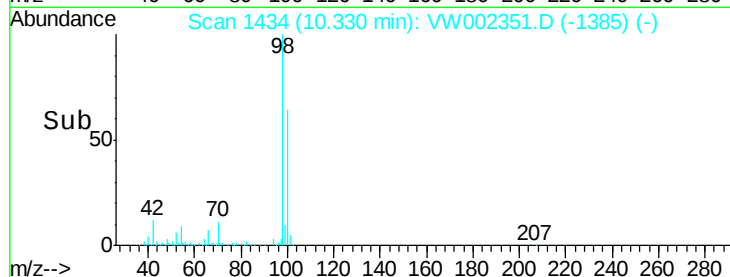
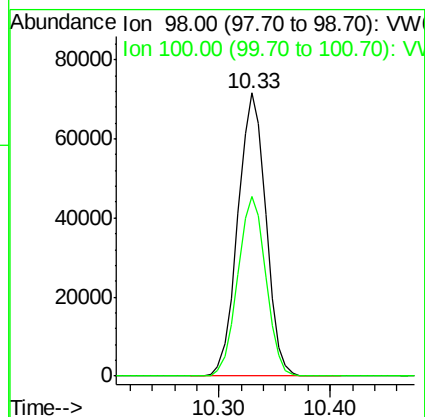
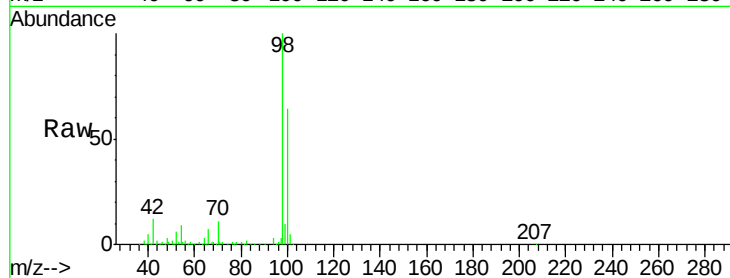
EPE-MX-1(75-77)

Tgt Ion: 98 Resp: 124553

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 25.04 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002351.D

Acq: 10 May 2018 02:10

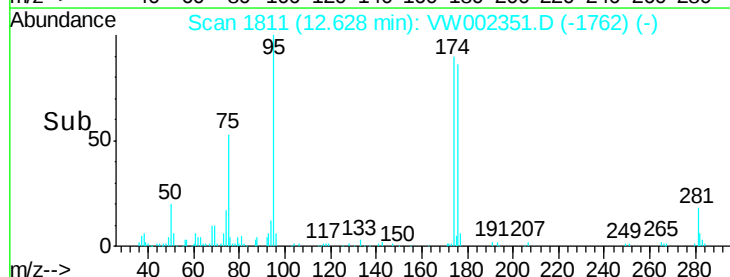
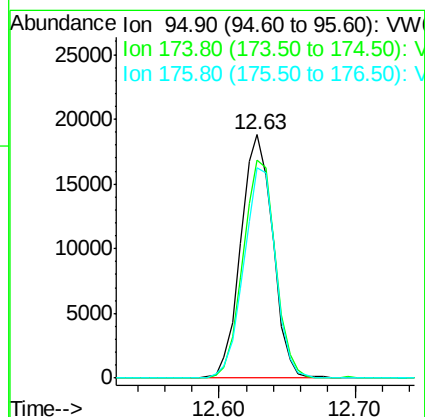
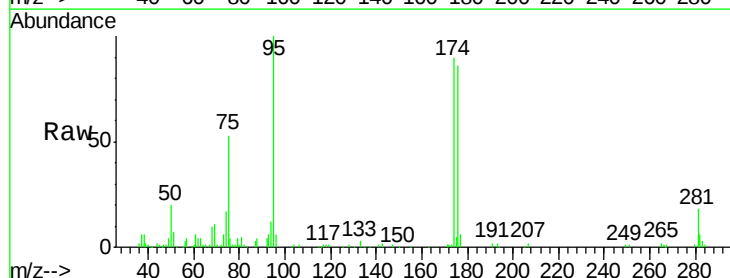
Tgt Ion: 95 Resp: 30901

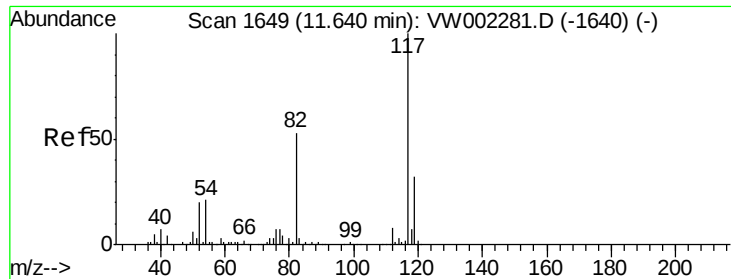
Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.8

176 85.8 0.0 170.4

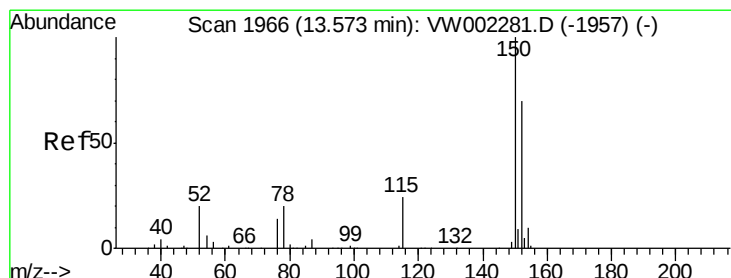
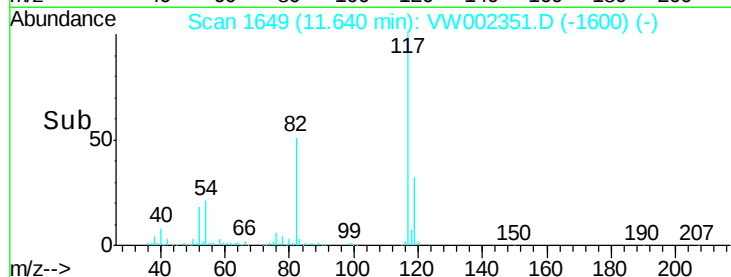
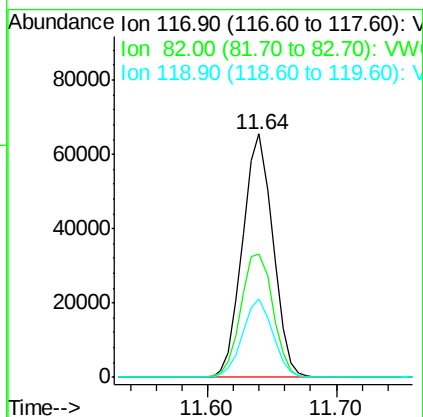
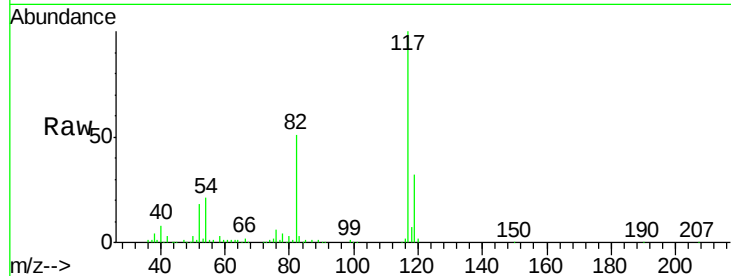




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002351.D
Acq: 10 May 2018 02:10

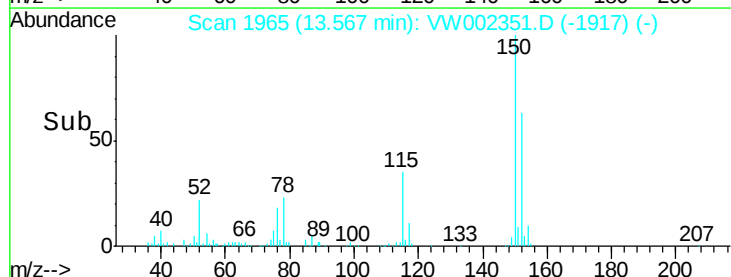
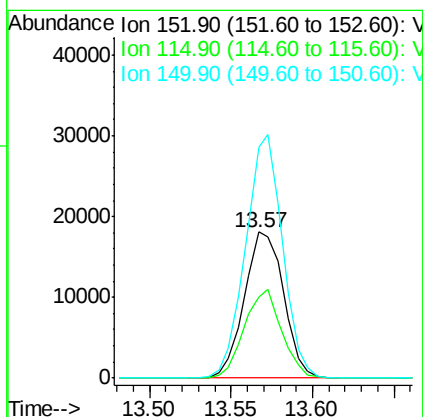
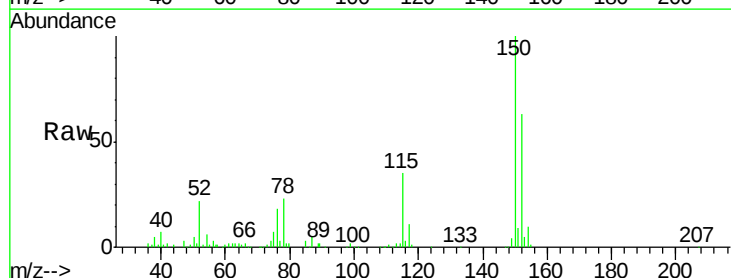
Instrument :
MSVOA_W
ClientSampleId :
EPE-MX-1(75-77)

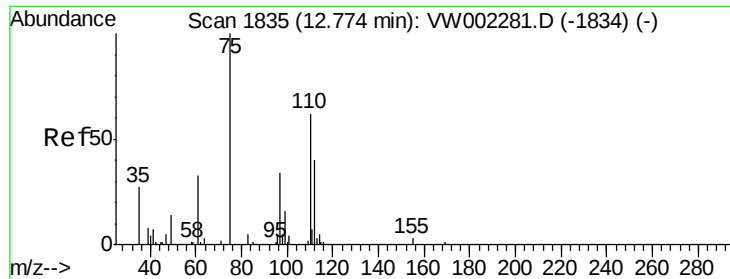
Tgt Ion:117 Resp: 106835
Ion Ratio Lower Upper
117 100
82 50.9 42.6 63.8
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002351.D
Acq: 10 May 2018 02:10

Tgt Ion:152 Resp: 30407
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 156.5 0.0 342.6

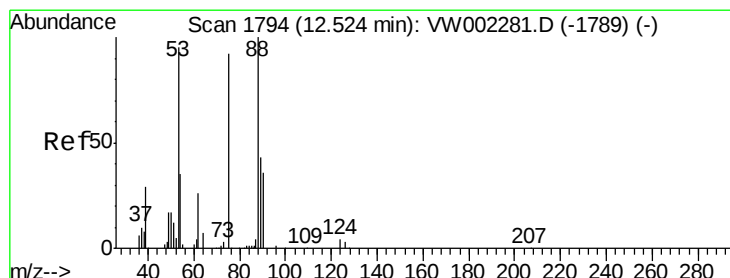
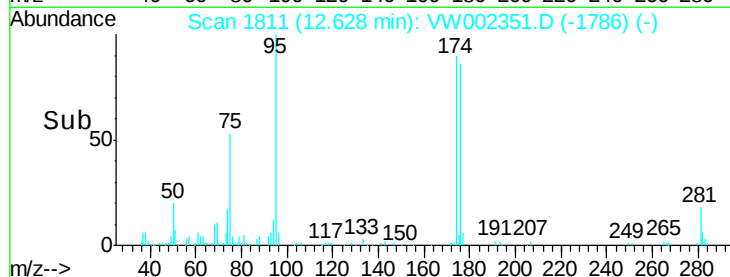
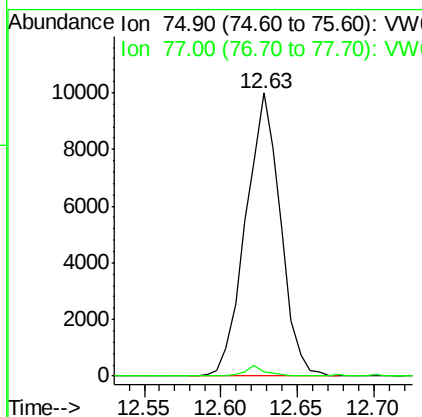
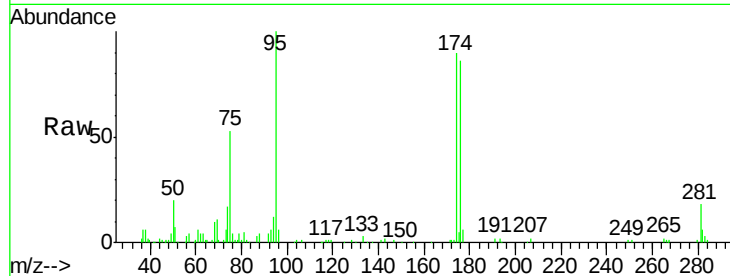




#76
 1,2,3-Trichloropropane
 Concen: 58.34 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW002351.D
 Acq: 10 May 2018 02:10

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-MX-1(75-77)

Tgt Ion: 75 Resp: 15732
 Ion Ratio Lower Upper
 75 100
 77 2.2 187.5 562.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.69 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002351.D
 Acq: 10 May 2018 02:10

Tgt Ion: 75 Resp: 15732
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.9 119.9#
 89 0.0 37.6 56.4#

