

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW051018\
 Data File : VW002369.D
 Acq On : 10 May 2018 09:40
 Operator : JC/SY
 Sample : J2626-07
 Misc : 6.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-MX-4(120-122)

Quant Time: May 11 11:37:21 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	208343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	321108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	242802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	106411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100138	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
35) Dibromofluoromethane	7.88	113	93343	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
50) Toluene-d8	10.33	98	221899	28.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.54%	
62) 4-Bromofluorobenzene	12.63	95	93763	33.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.12%	

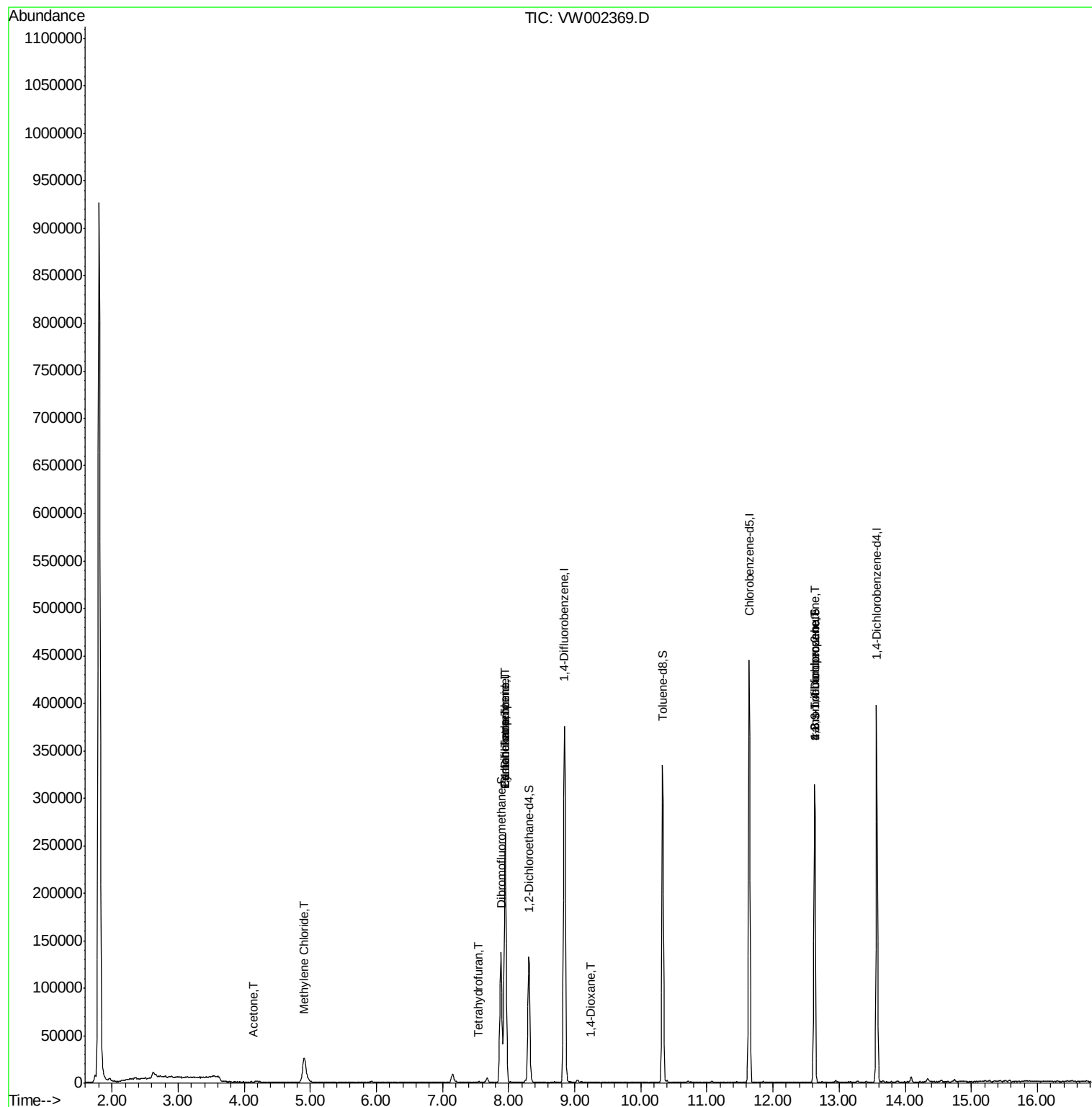
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	444	1.028	ug/l #	89
20) Methylene Chloride	4.91	84	23408	11.237	ug/l	98
29) Tetrahydrofuran	7.54	42	449	1.067	ug/l #	67
31) Cyclohexane	7.95	56	4234	1.288	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	15122	5.207	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18956	6.750	ug/l #	16
49) 1,4-Dioxane	9.25	88	20	1.059	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	48131	51.007	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	48131	134.358	ug/l #	10

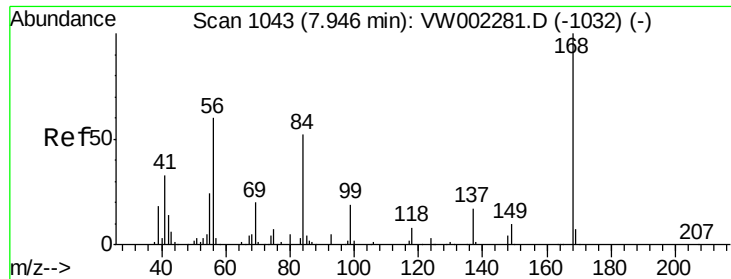
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002369.D

Acq: 10 May 2018 09:40

Instrument :

MSVOA_W

ClientSampleId :

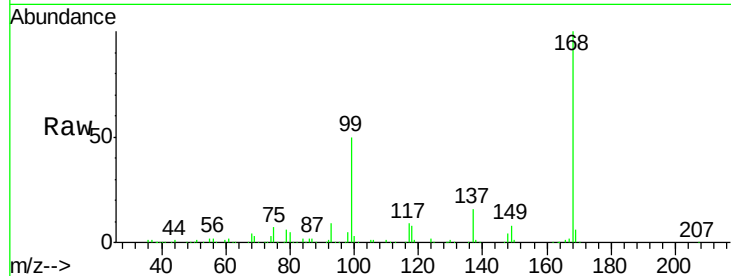
EPE-MX-4(120-122)

Tgt Ion:168 Resp: 208343

Ion Ratio Lower Upper

168 100

99 50.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

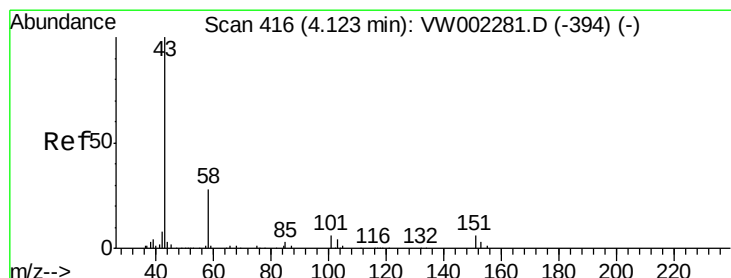
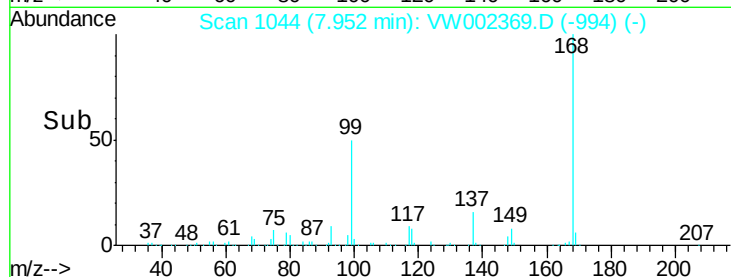
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.028 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW002369.D

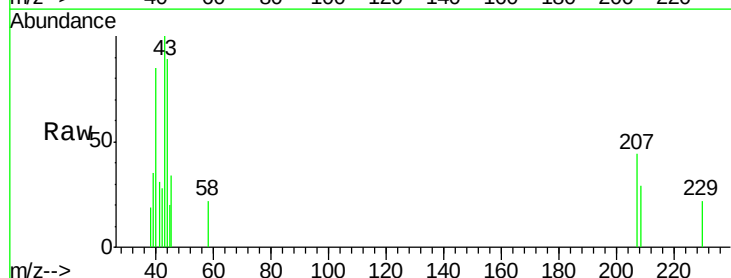
Acq: 10 May 2018 09:40

Tgt Ion: 43 Resp: 444

Ion Ratio Lower Upper

43 100

58 22.1 22.2 33.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

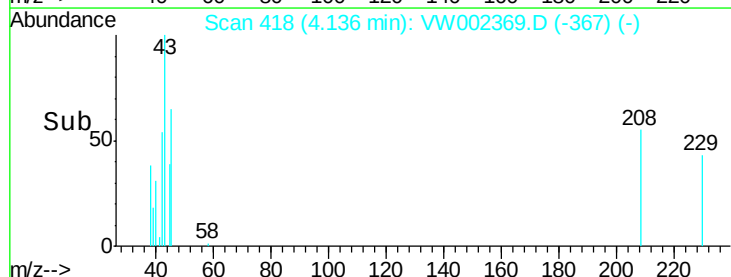
300

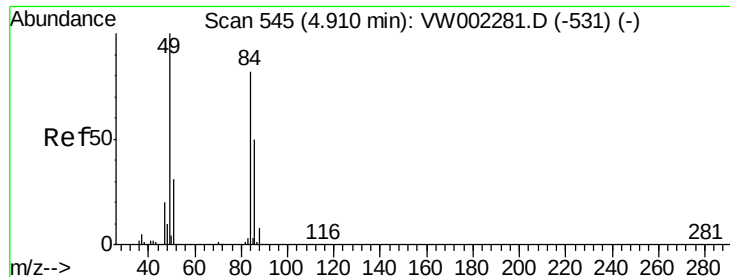
200

100

0

Time-->

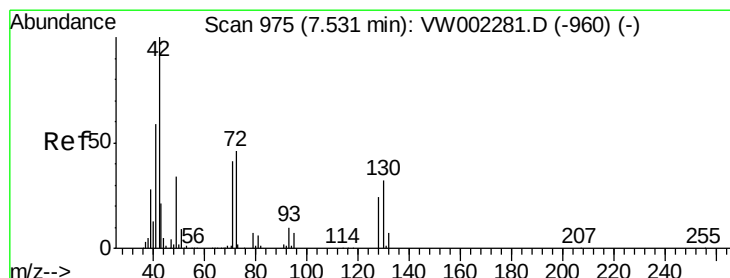
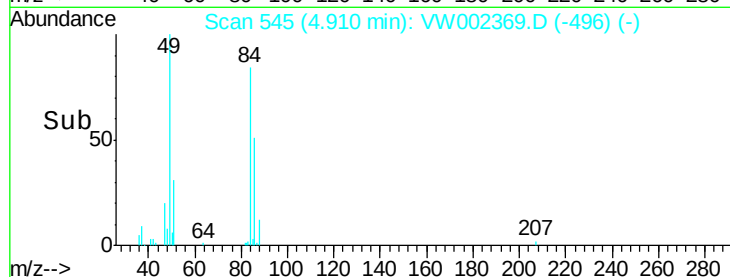
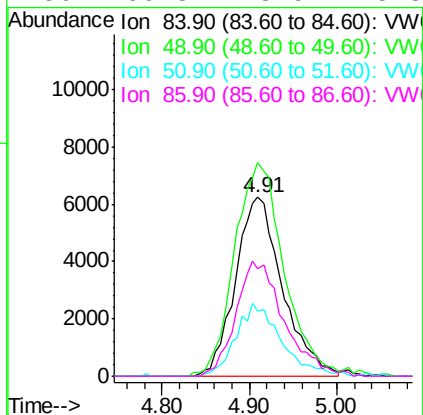
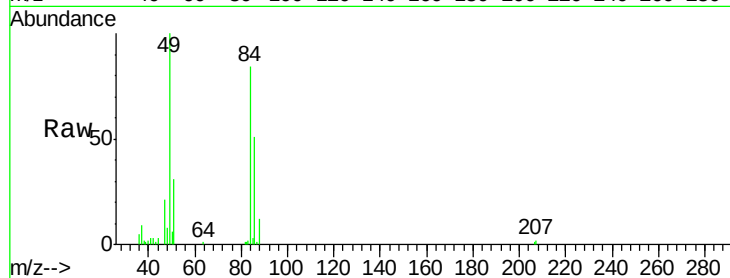




#20
Methylene Chloride
Concen: 11.237 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW002369.D
Acq: 10 May 2018 09:40

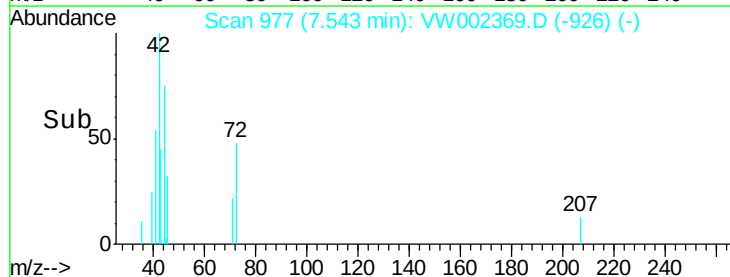
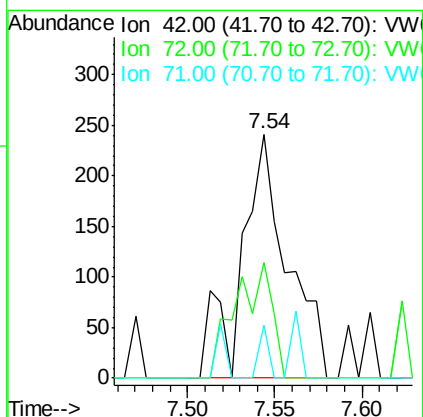
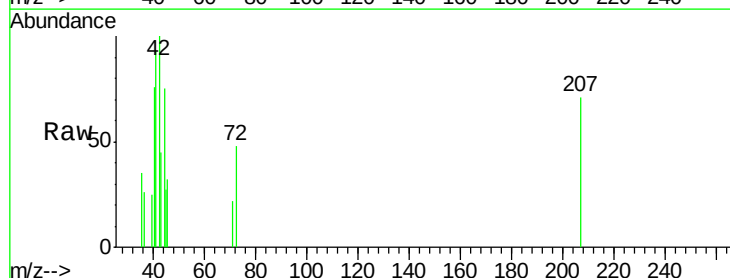
Instrument :
MSVOA_W
ClientSampleId :
EPE-MX-4(120-122)

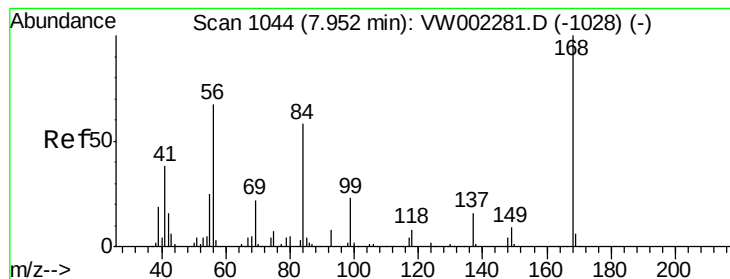
Tgt Ion: 84 Resp: 23408
Ion Ratio Lower Upper
84 100
49 119.4 97.7 146.5
51 36.6 30.2 45.4
86 60.3 48.9 73.3



#29
Tetrahydrofuran
Concen: 1.067 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW002369.D
Acq: 10 May 2018 09:40

Tgt Ion: 42 Resp: 449
Ion Ratio Lower Upper
42 100
72 37.4 34.5 51.7
71 4.2 33.0 49.6#





#31

Cyclohexane

Concen: 1.288 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002369.D

Acq: 10 May 2018 09:40

Instrument :
MSVOA_W
ClientSampleId :
EPE-MX-4(120-122)

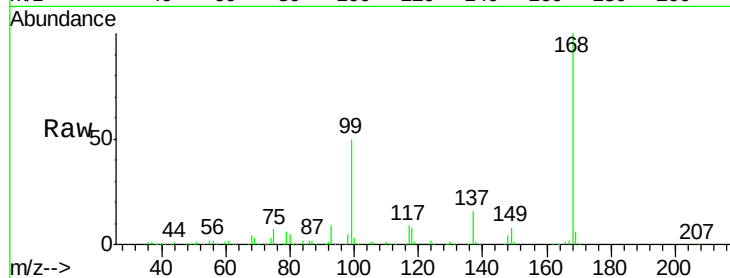
Tgt Ion: 56 Resp: 4234

Ion Ratio Lower Upper

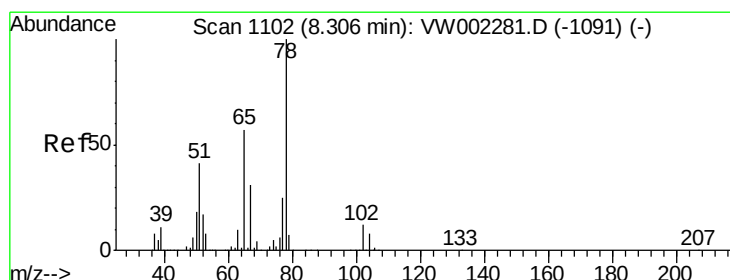
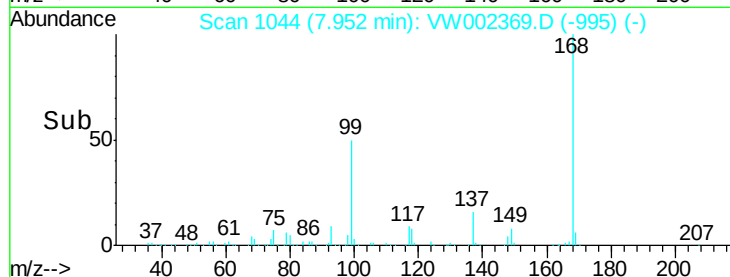
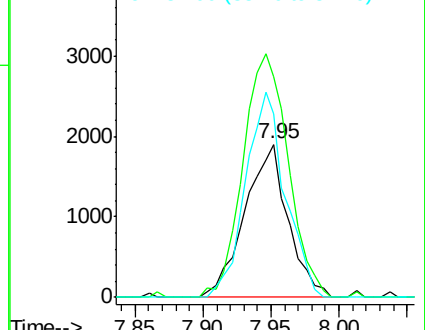
56 100

69 144.3 26.2 39.4#

84 120.2 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: 45.261 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002369.D

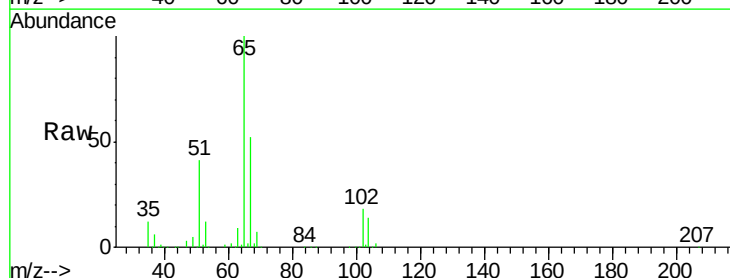
Acq: 10 May 2018 09:40

Tgt Ion: 65 Resp: 100138

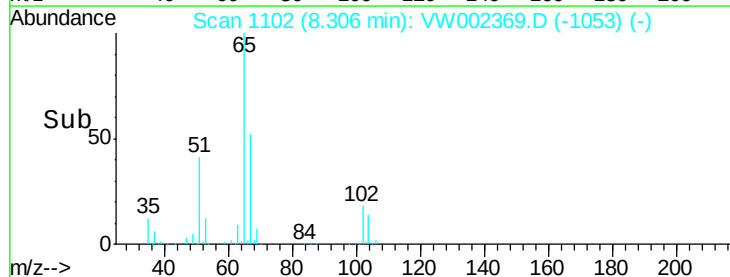
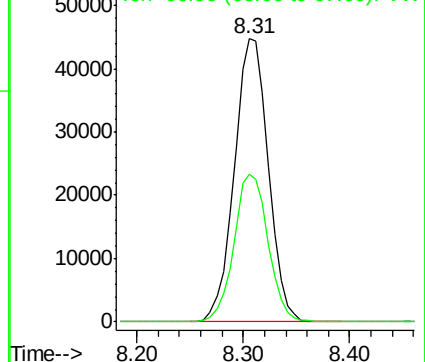
Ion Ratio Lower Upper

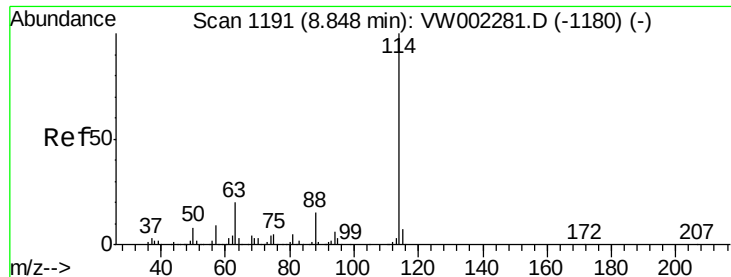
65 100

67 52.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

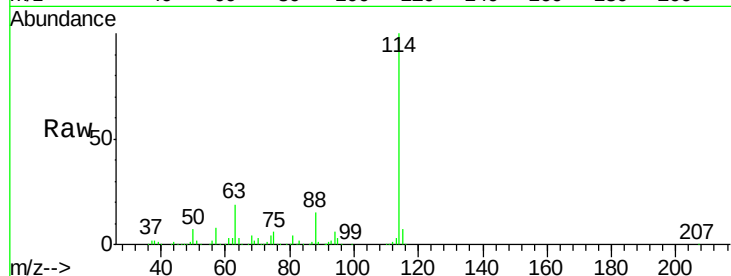




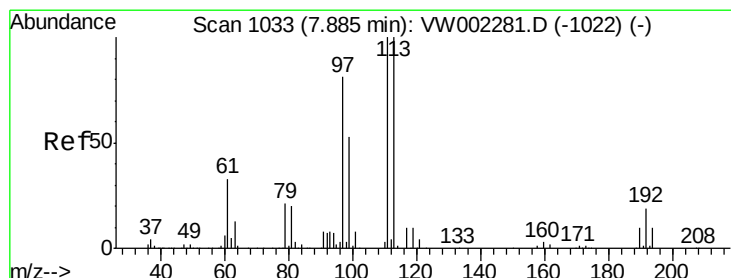
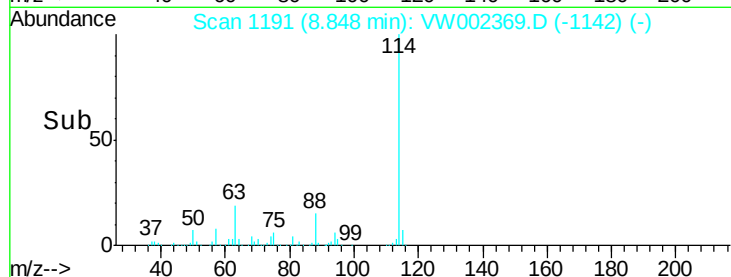
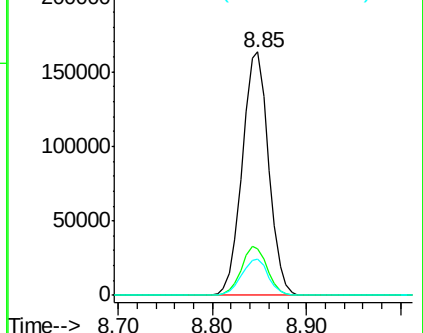
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002369.D
 Acq: 10 May 2018 09:40

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-MX-4(120-122)

Tgt Ion:114 Resp: 321108
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 14.9 0.0 29.6

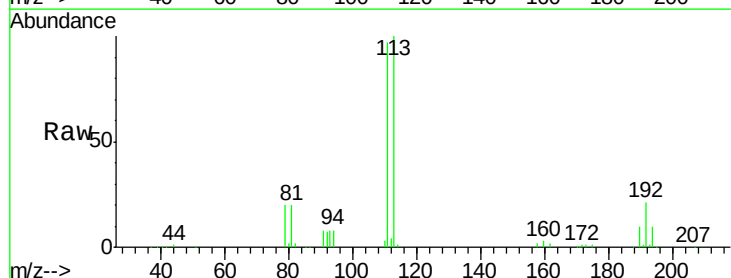


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

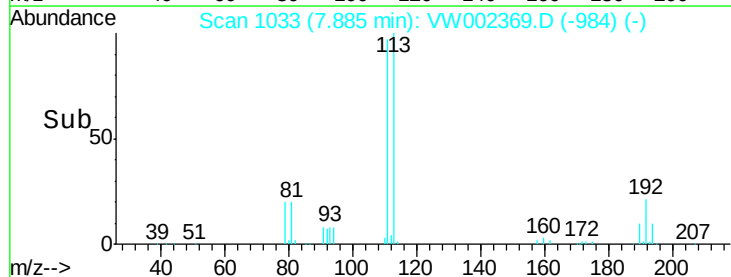
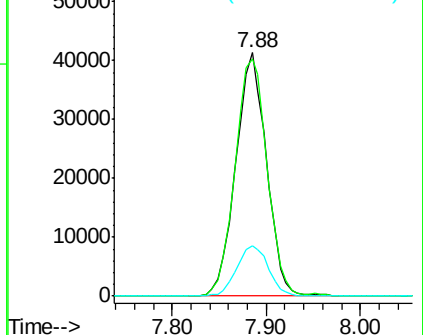


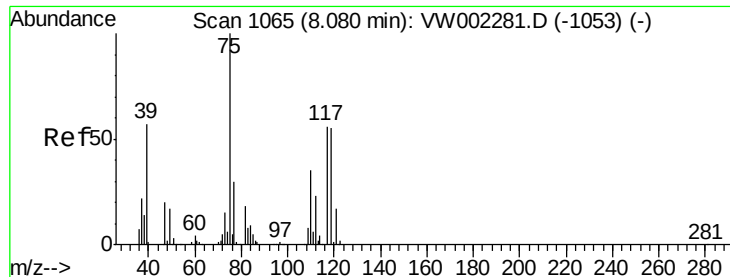
#35
 Dibromofluoromethane
 Concen: 45.353 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002369.D
 Acq: 10 May 2018 09:40

Tgt Ion:113 Resp: 93343
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 21.5 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

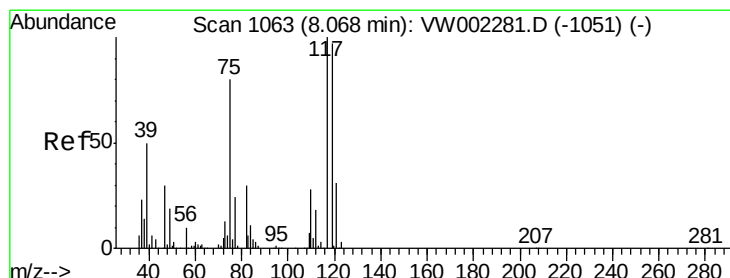
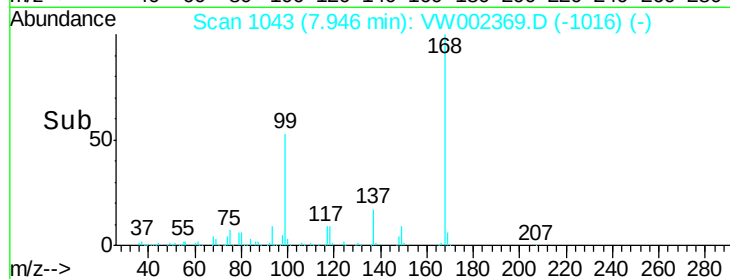
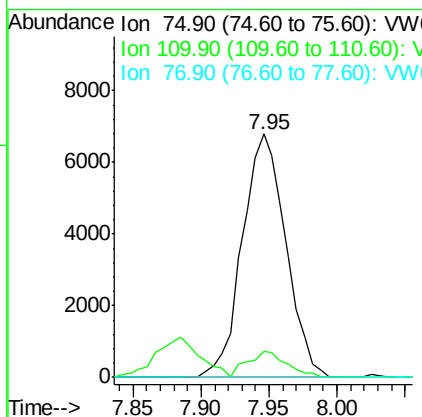
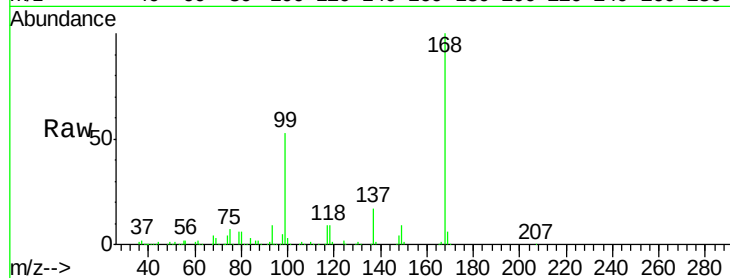




#36
 1,1-Dichloropropene
 Concen: 5.207 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002369.D
 Acq: 10 May 2018 09:40

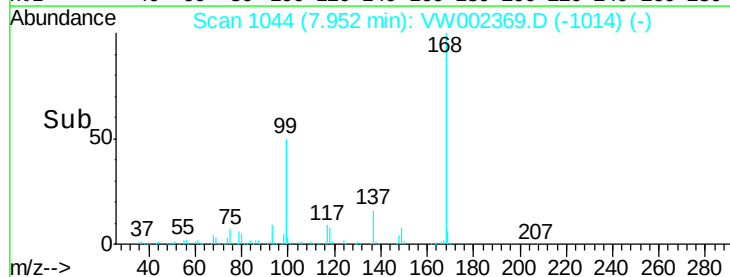
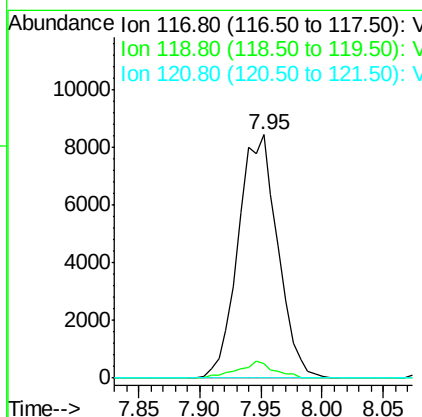
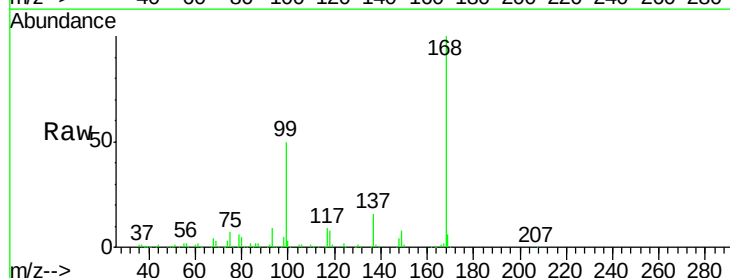
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-MX-4(120-122)

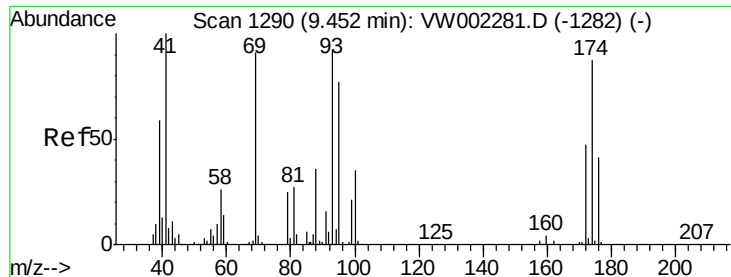
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.750 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW002369.D
 Acq: 10 May 2018 09:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.5	116.3#
121	0.0	24.4	36.6#





#49

1,4-Dioxane

Concen: 1.059 ug/l

RT: 9.25 min Scan# 1257

Delta R.T. -0.20 min

Lab File: VW002369.D

Acq: 10 May 2018 09:40

Instrument :

MSVOA_W

ClientSampleId :

EPE-MX-4(120-122)

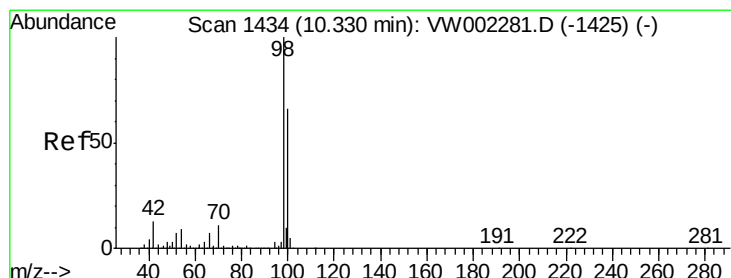
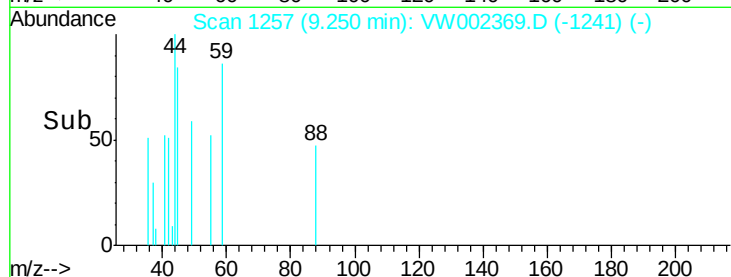
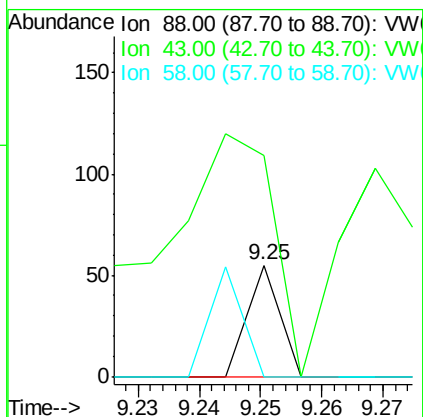
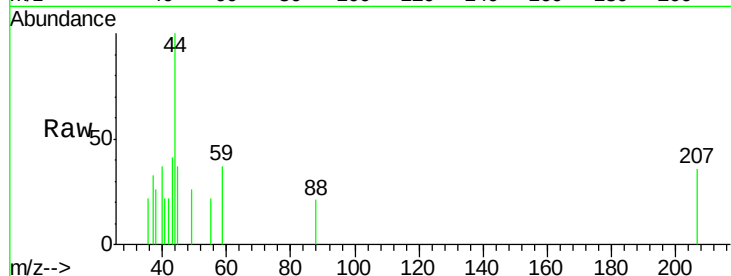
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 765.0 26.3 39.5#

58 100.0 56.0 84.0#



#50

Toluene-d8

Concen: 28.273 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002369.D

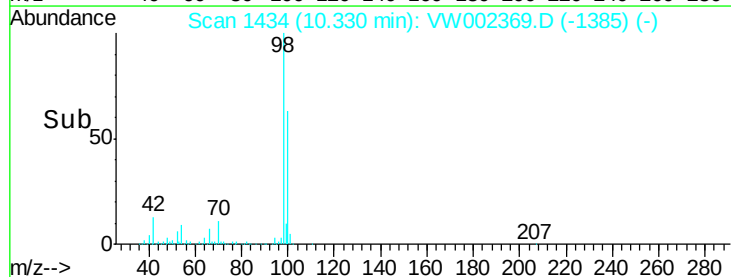
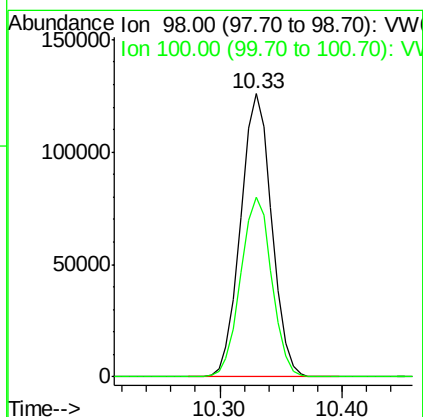
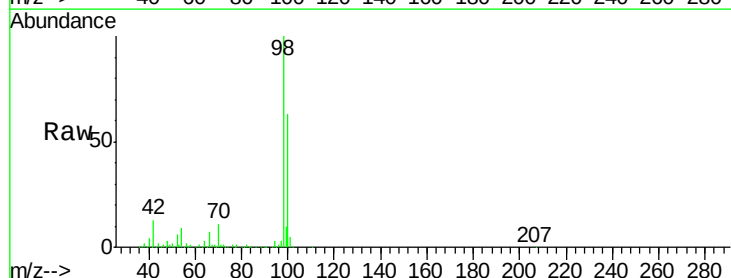
Acq: 10 May 2018 09:40

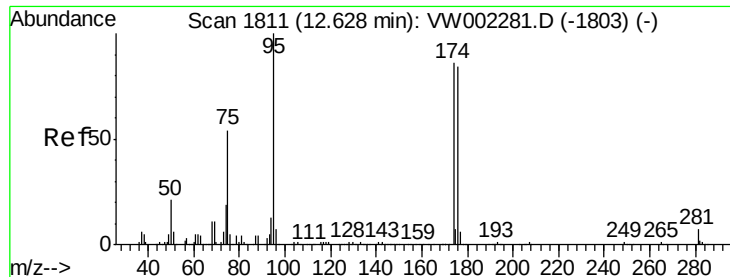
Tgt Ion: 98 Resp: 221899

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 33.059 ug/l

RT: 12.63 min Scan# 1811

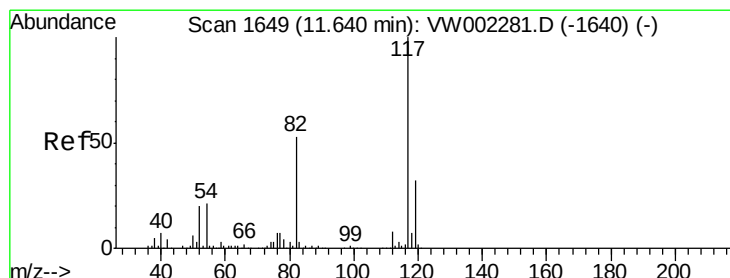
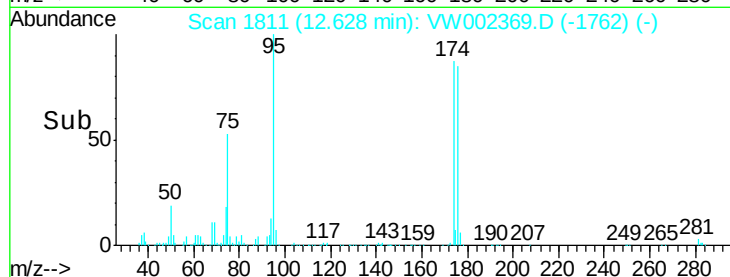
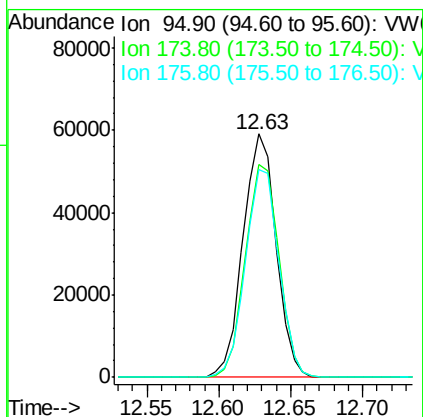
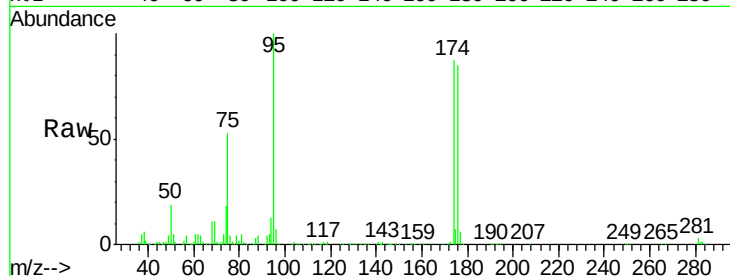
Delta R.T. -0.00 min

Lab File: VW002369.D

Acq: 10 May 2018 09:40

Instrument :
MSVOA_W
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EPE-MX-4(120-122)

Tgt Ion:	95	Resp:	93763
Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	176.8
176	86.6	0.0	170.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

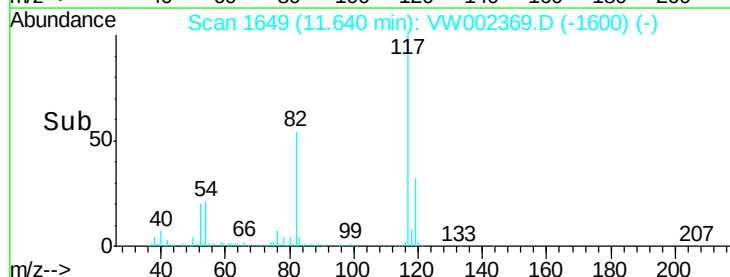
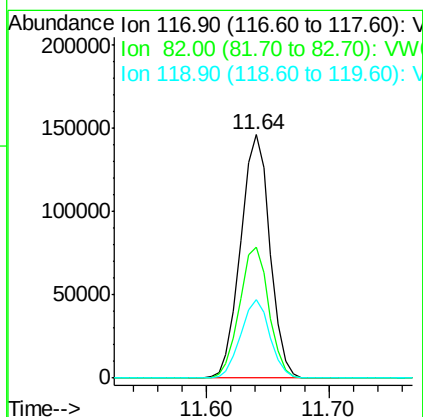
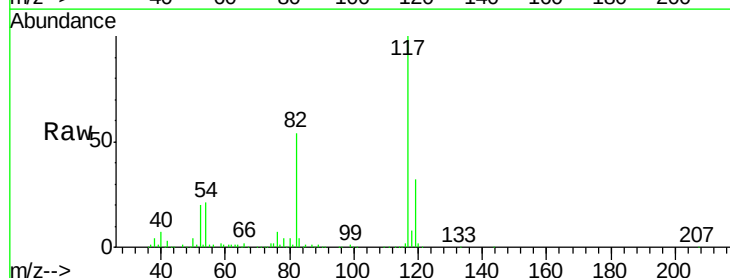
RT: 11.64 min Scan# 1649

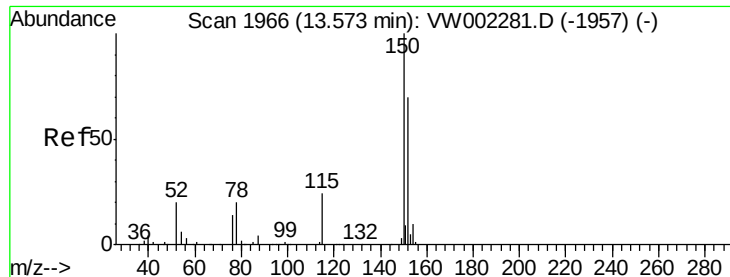
Delta R.T. -0.00 min

Lab File: VW002369.D

Acq: 10 May 2018 09:40

Tgt Ion:	117	Resp:	242802
Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.6	63.8
119	32.1	25.2	37.8



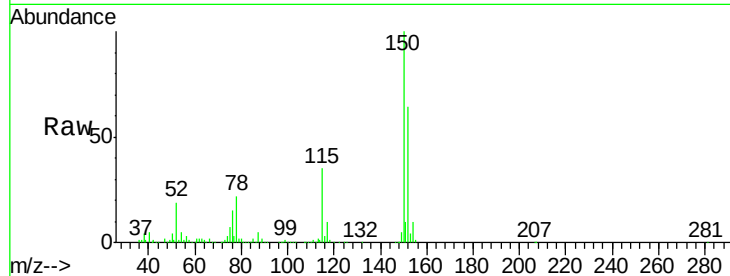


#72

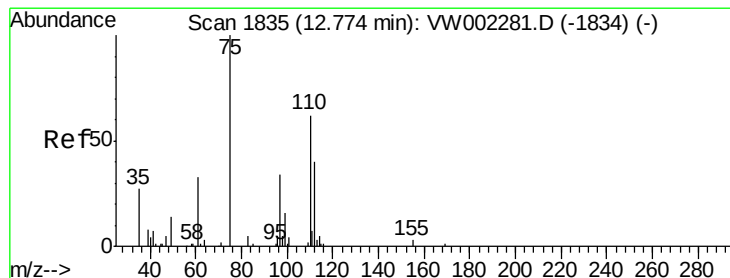
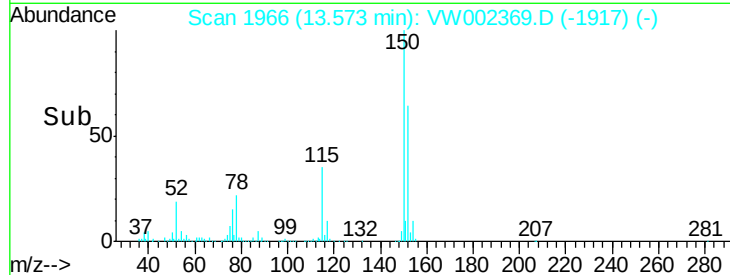
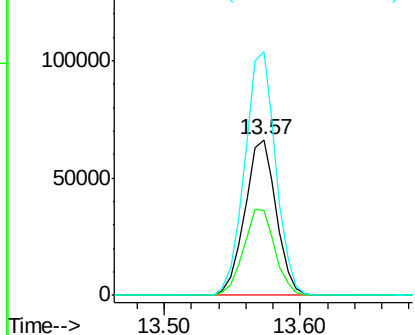
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002369.D
Acq: 10 May 2018 09:40

Instrument :
MSVOA_W
ClientSampleId :
EPE-MX-4(120-122)

Tgt Ion:152 Resp: 106411
Ion Ratio Lower Upper
152 100
115 55.5 28.5 85.5
150 155.7 0.0 342.6



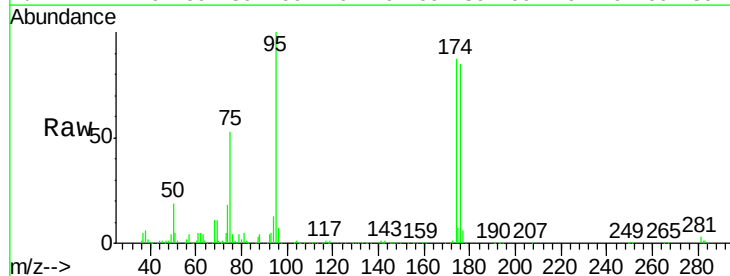
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



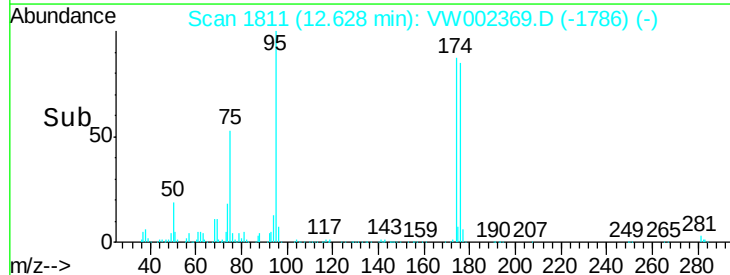
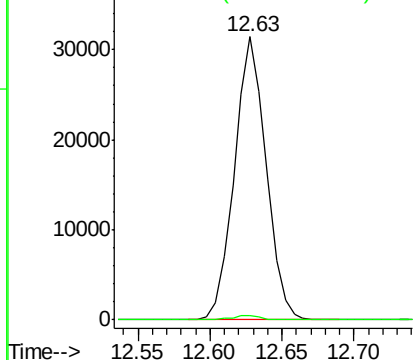
#76

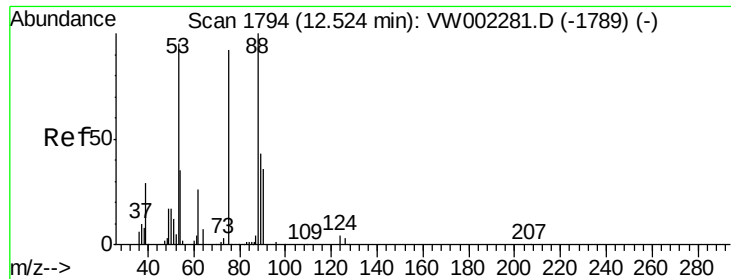
1,2,3-Trichloropropane
Concen: 51.007 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW002369.D
Acq: 10 May 2018 09:40

Tgt Ion: 75 Resp: 48131
Ion Ratio Lower Upper
75 100
77 1.4 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 134.358 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002369.D

Acq: 10 May 2018 09:40

Instrument :

MSVOA_W

ClientSampleId :

EPE-MX-4(120-122)

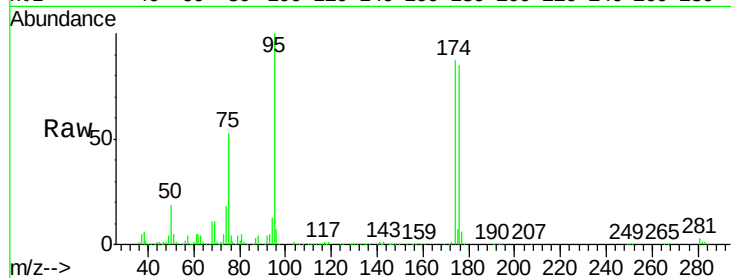
Tgt Ion: 75 Resp: 48131

Ion Ratio Lower Upper

75 100

53 0.1 79.9 119.9#

89 0.0 37.6 56.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

