

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100118\
 Data File : VX004874.D
 Acq On : 01 Oct 2018 16:48
 Operator : JC/MD
 Sample : J5135-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337

Manual Integrations
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 10/4/2018 7:07:52 PM

Quant Time: Oct 09 07:27:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166745	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
35) Dibromofluoromethane	5.50	113	140157	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	8.72	98	499768	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.14	95	182443	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.73	64	85870	49.707	ug/l	96
12) 1,1-Dichloroethene	2.37	96	23525	10.629	ug/l	96
16) Acetone	2.45	43	7077	4.154	ug/l	98
24) 1,1-Dichloroethane	3.70	63	764586	157.626	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	1001	0.370	ug/l	76
31) Cyclohexane	5.58	56	1095	0.295	ug/l #	68
40) Benzene	6.14	78	15272	1.232	ug/l	97
73) Isopropylbenzene	11.02	105	18400	1.516	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	4265	0.648	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	17130	2.521	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	8180	1.189	ug/l	95
95) Naphthalene	13.84	128	1301m	0.800	ug/l	

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

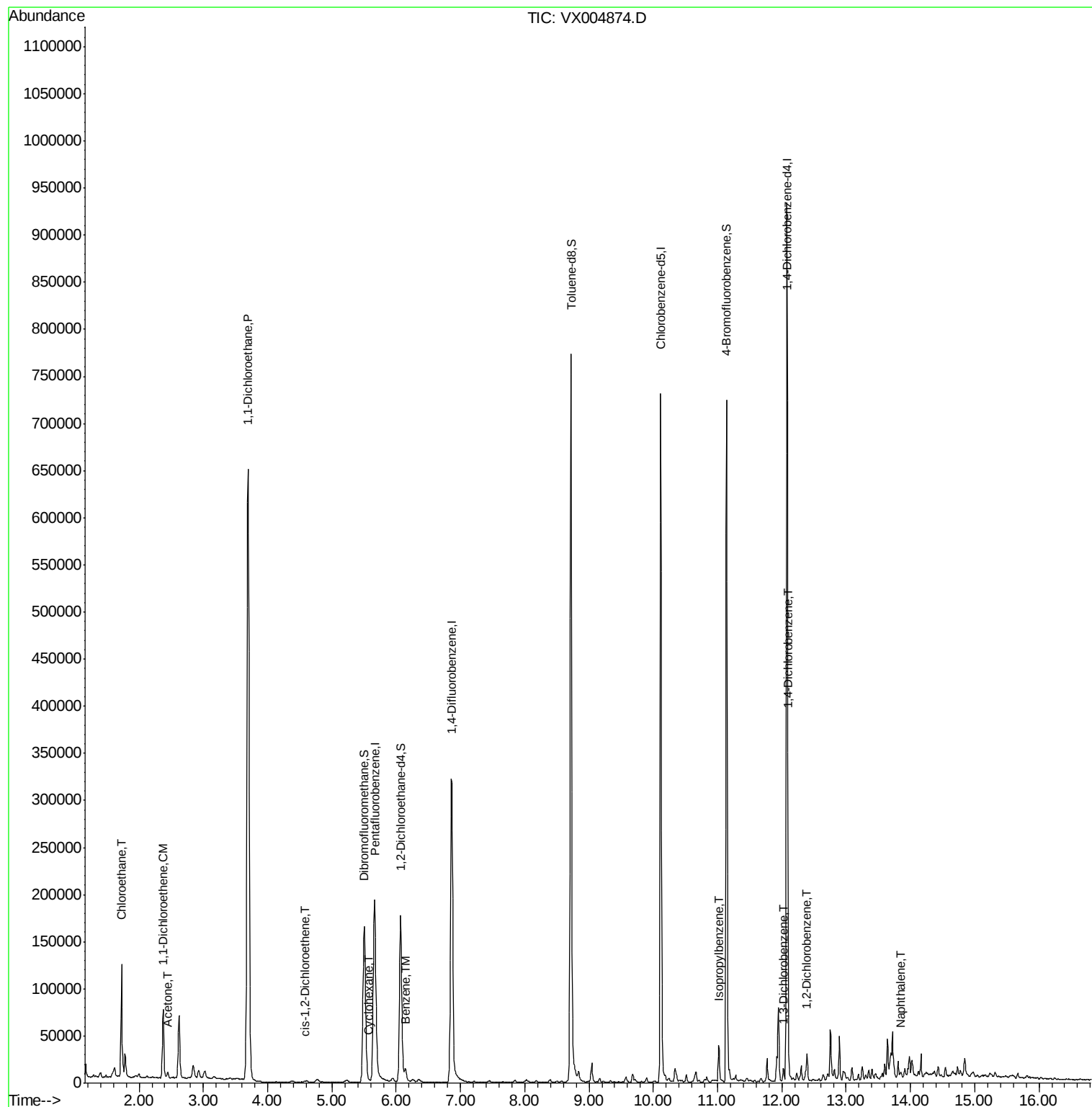
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100118\
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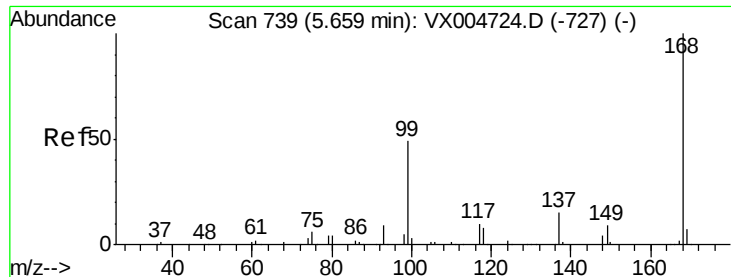
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Oct 09 07:27:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-3337

Tgt Ion: 168 Resp: 204258

Ion Ratio Lower Upper

168 100

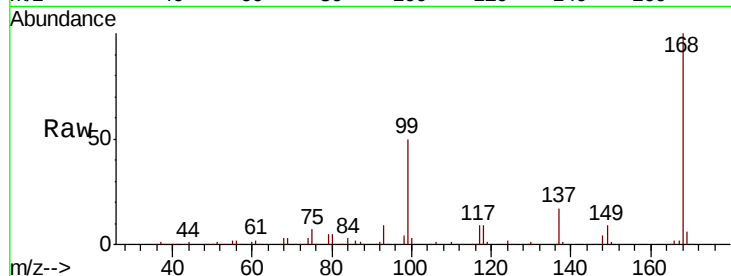
99 50.4 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

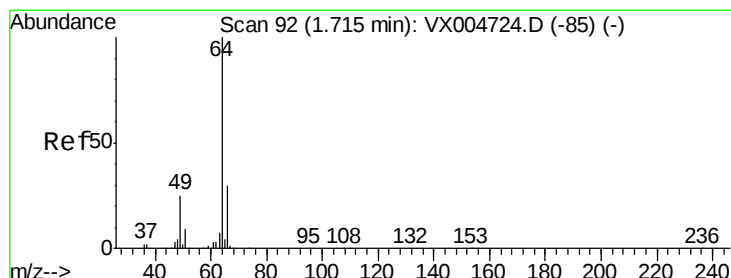
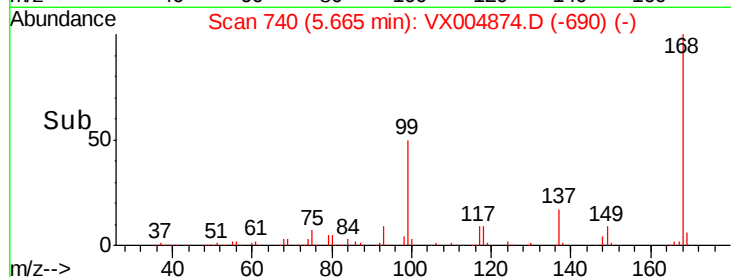
40000

20000

0

Time-->

5.60 5.70 5.80



#6

Chloroethane

Concen: 49.707 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX004874.D

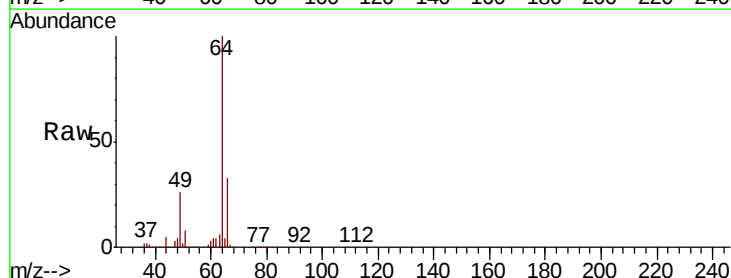
Acq: 01 Oct 2018 16:48

Tgt Ion: 64 Resp: 85870

Ion Ratio Lower Upper

64 100

66 32.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

60000

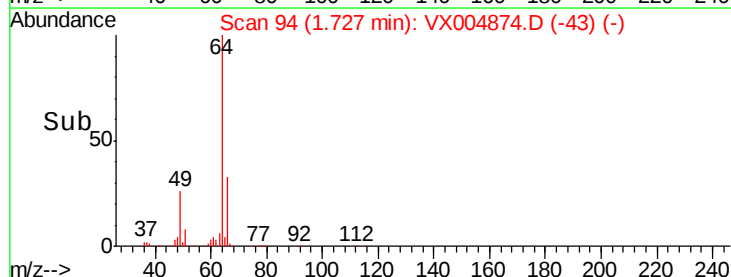
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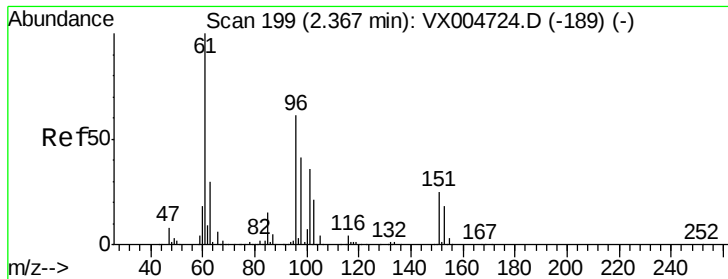
20000

0

Time-->

1.65 1.70 1.75 1.80





#12

1,1-Dichloroethene

Concen: 10.629 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

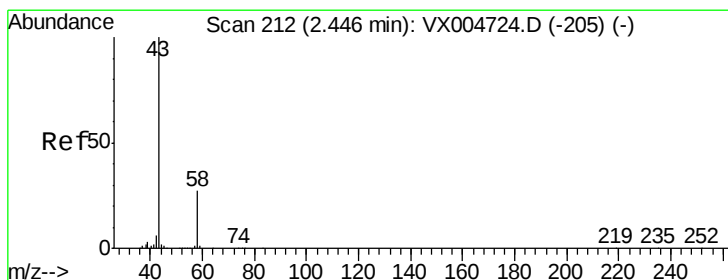
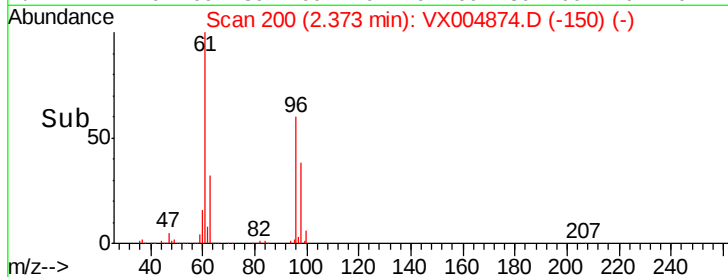
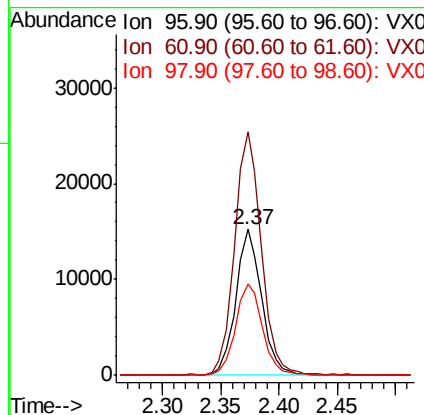
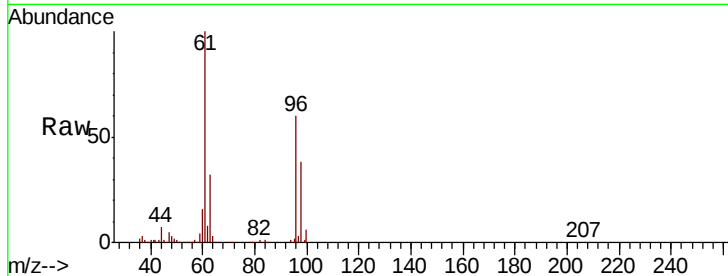
ClientSampleId :

SA-TW509-3337

Tgt Ion:	96	Resp:	23525
Ion	Ratio	Lower	Upper
96	100		
61	166.0	128.8	193.2
98	62.6	52.2	78.2

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#16

Acetone

Concen: 4.154 ug/l

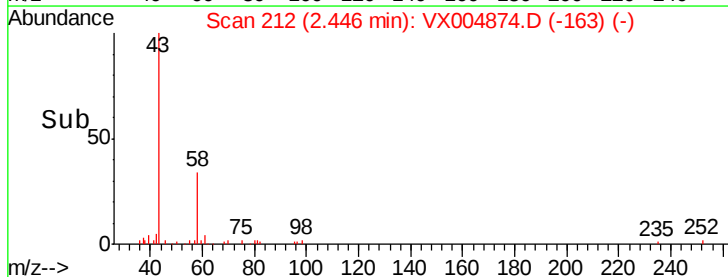
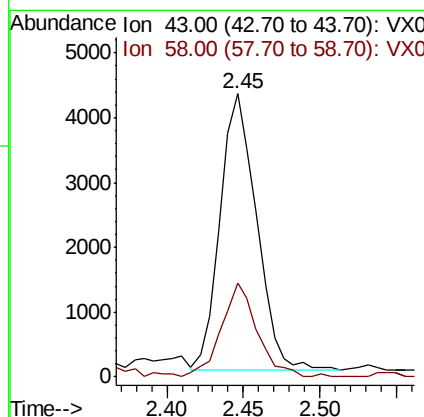
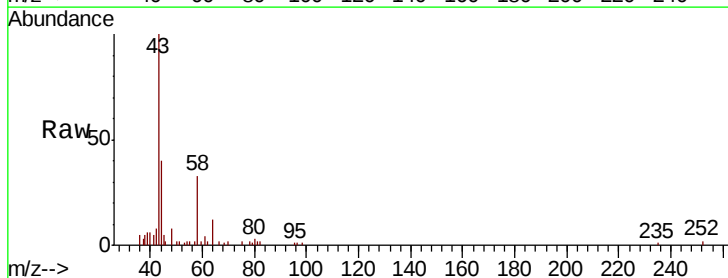
RT: 2.45 min Scan# 212

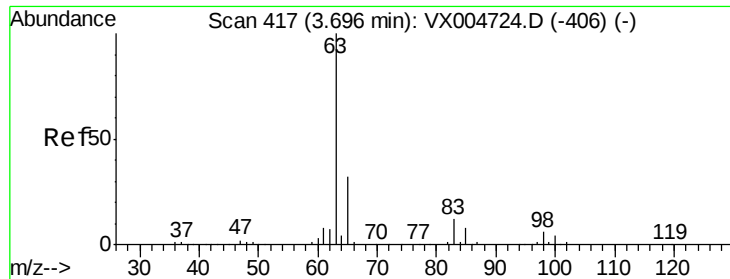
Delta R.T. -0.00 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Tgt Ion:	43	Resp:	7077
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.2	39.4





#24

1,1-Dichloroethane

Concen: 157.626 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

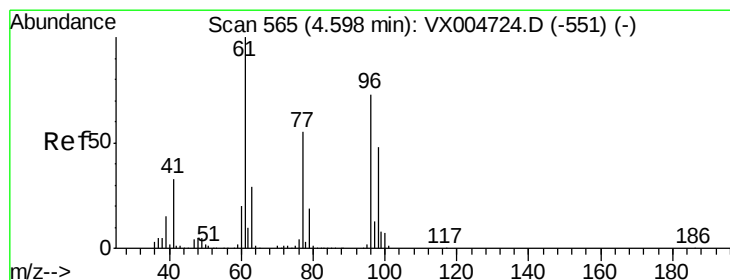
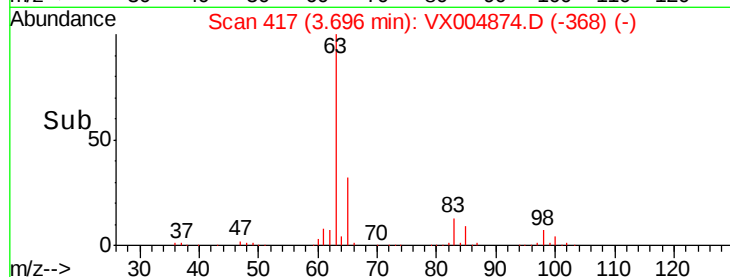
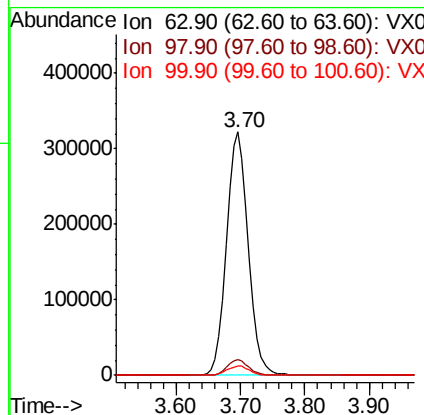
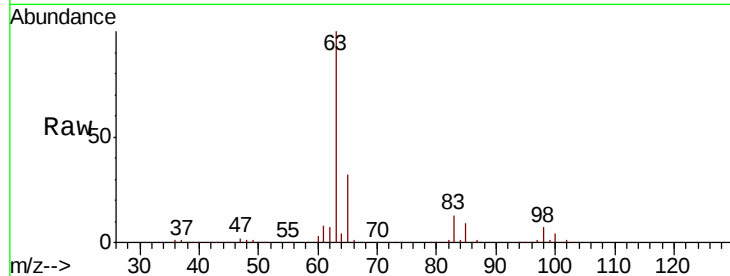
ClientSampleId :

SA-TW509-3337

Tgt Ion:	63	Resp:	764586
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.5	10.4
100	4.1	2.4	7.1

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#27

cis-1,2-Dichloroethene

Concen: 0.370 ug/l

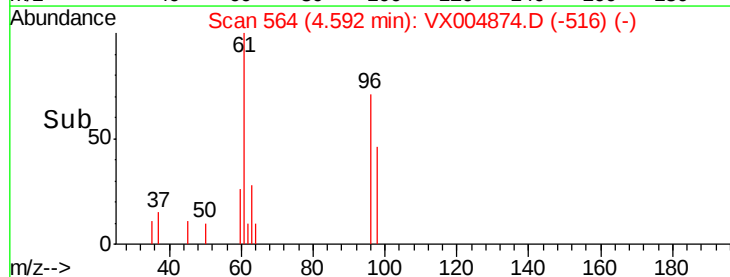
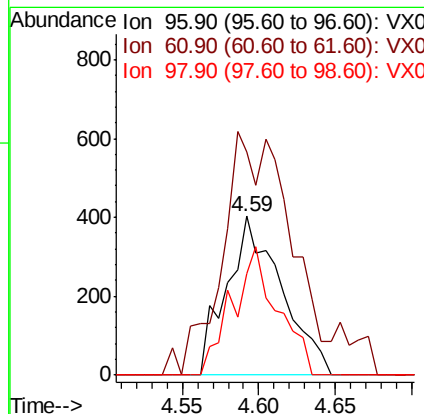
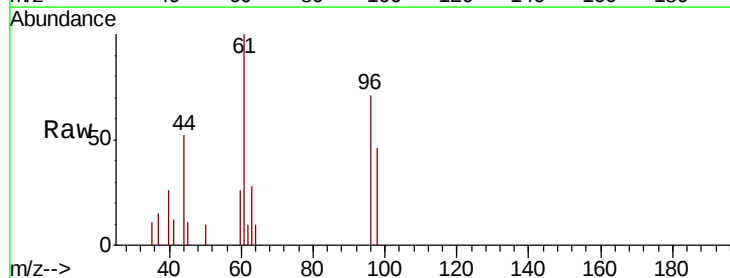
RT: 4.59 min Scan# 564

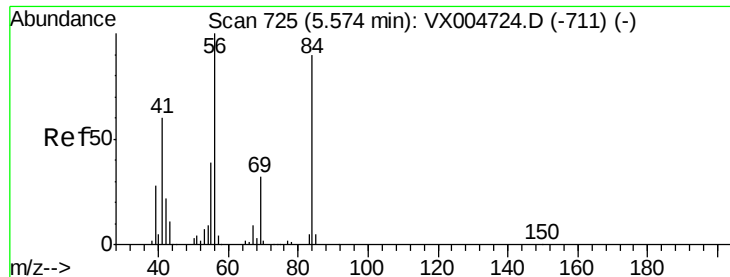
Delta R.T. -0.01 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Tgt Ion:	96	Resp:	1001
Ion Ratio	Lower	Upper	
96	100		
61	98.9	0.0	282.6
98	66.5	0.0	130.2





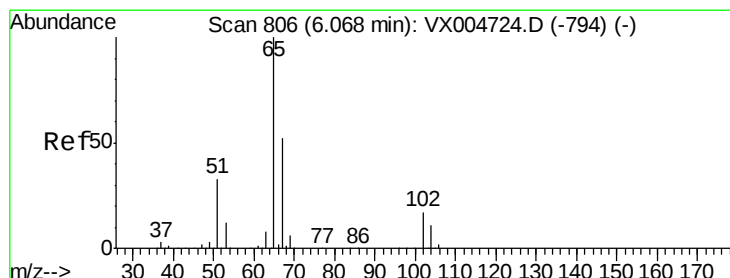
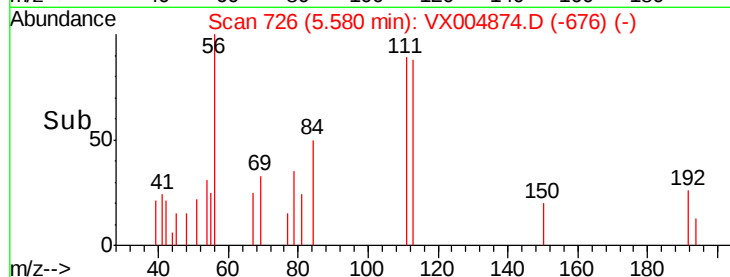
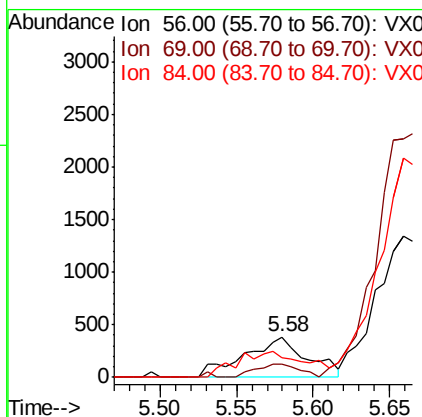
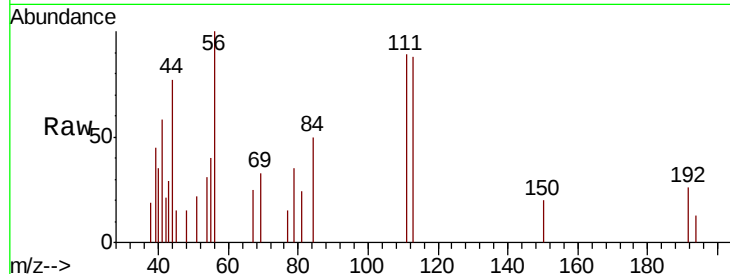
#31
Cyclohexane
Concen: 0.295 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

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ClientSampleId :
SA-TW509-3337

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.4	38.2
84	49.7	71.4	107.2

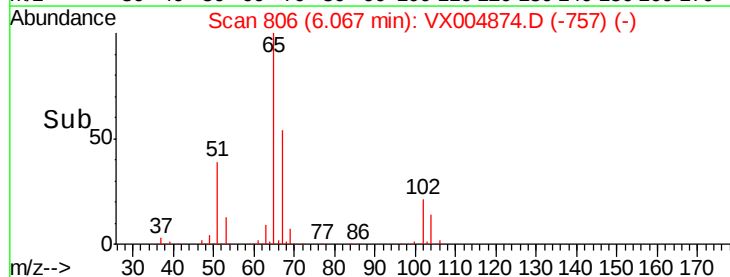
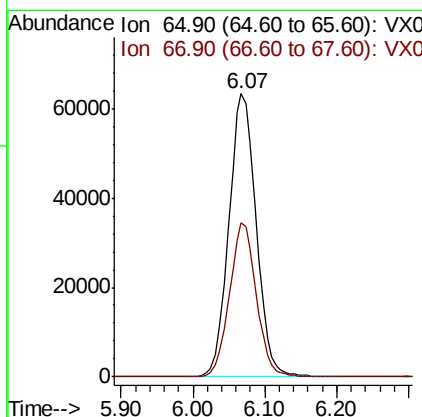
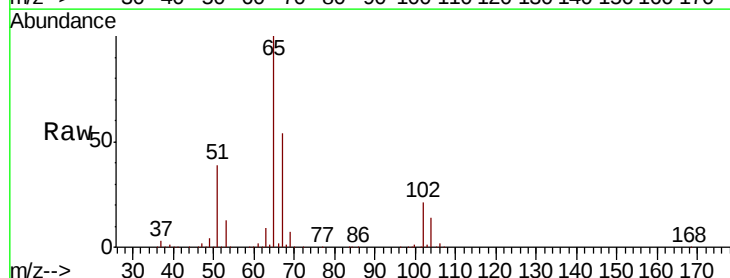
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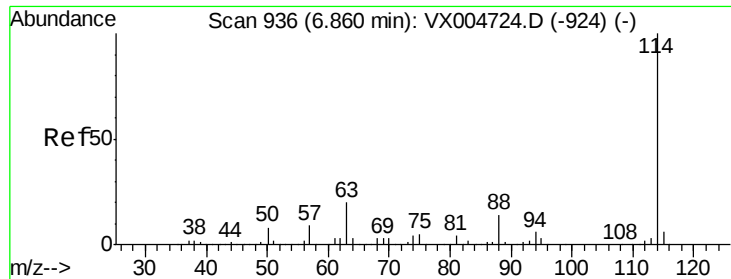
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#33
1,2-Dichloroethane-d4
Concen: 57.147 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8





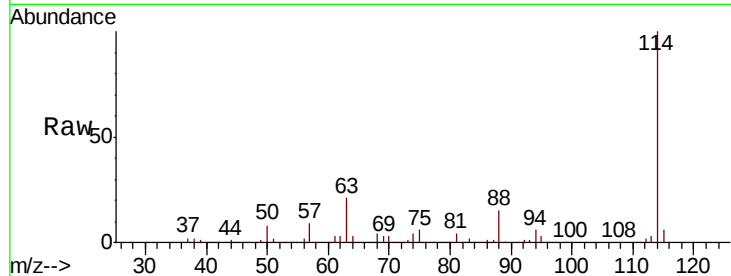
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337

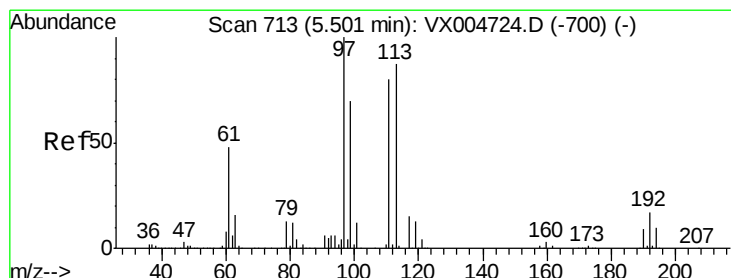
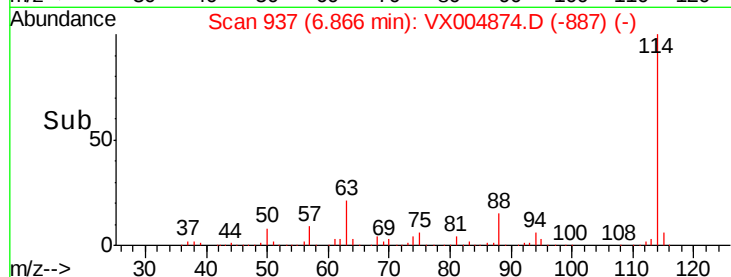
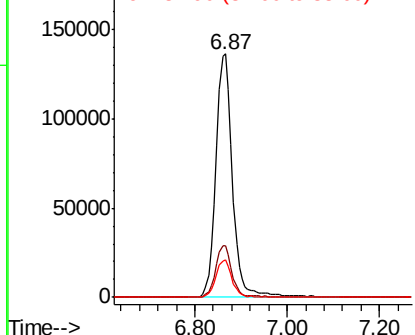
Tgt Ion	Ratio	Resp	Lower	Upper
114	100	342460		
63	21.0	0.0	39.0	
88	15.4	0.0	30.4	

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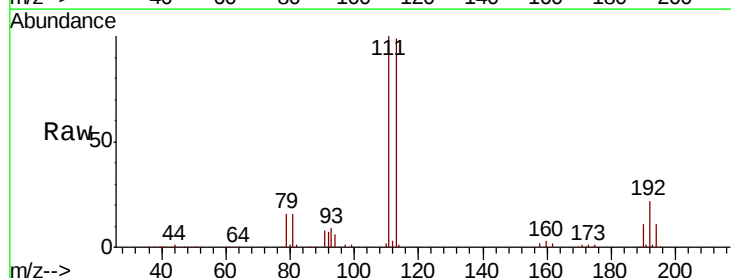


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

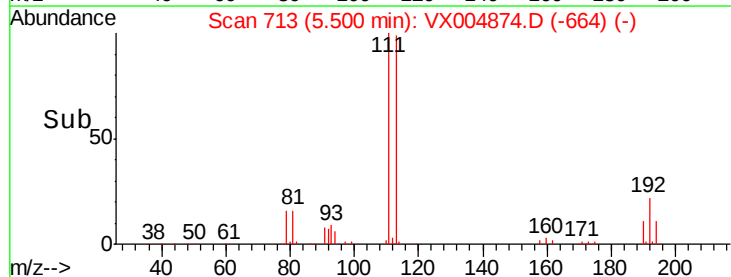
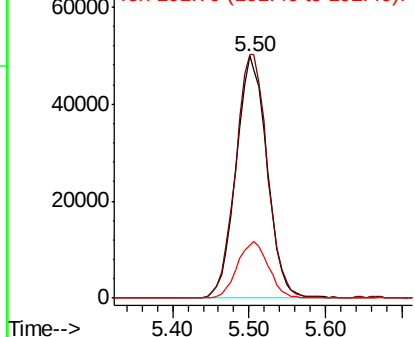


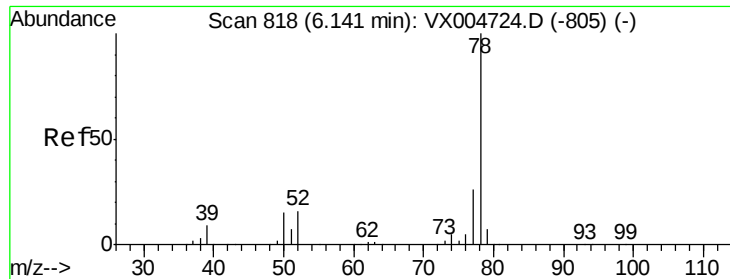
#35
 Dibromofluoromethane
 Concen: 48.290 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	140157		
111	102.8	82.4	123.6	
192	23.5	19.4	29.2	



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





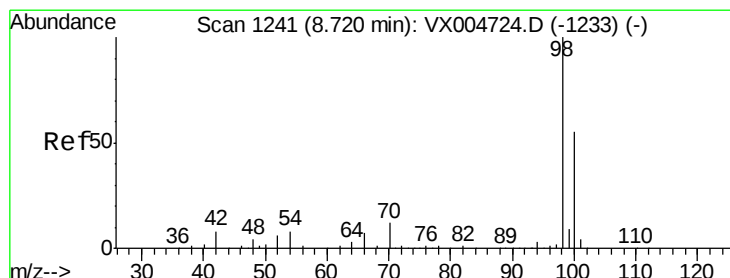
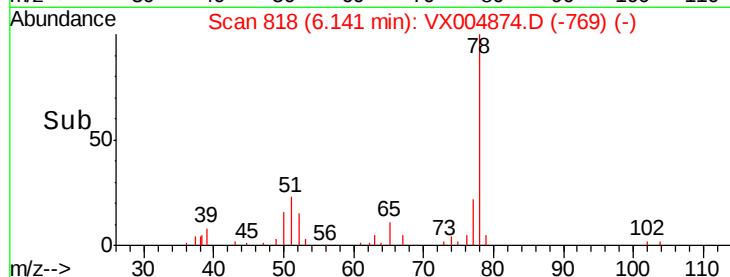
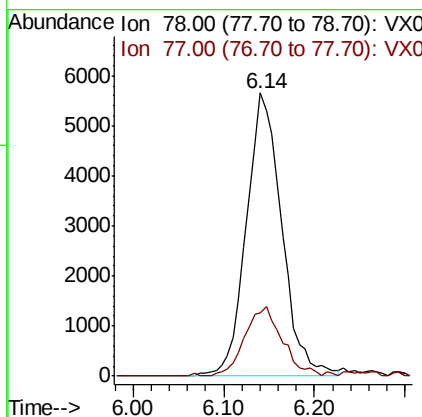
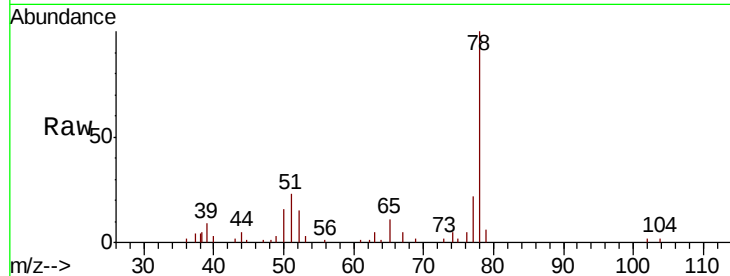
#40
Benzene
Concen: 1.232 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

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Tgt Ion: 78 Resp: 15272
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.4

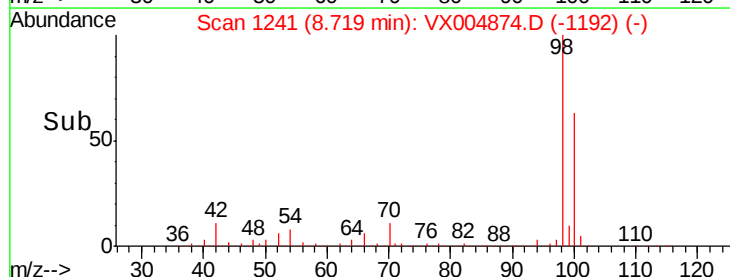
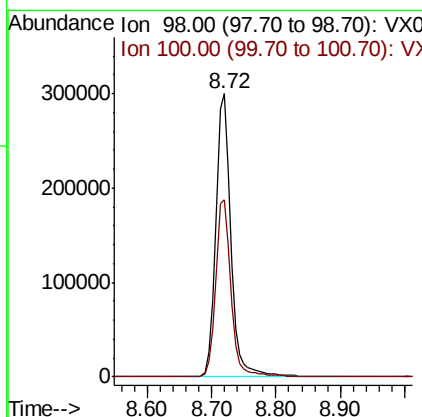
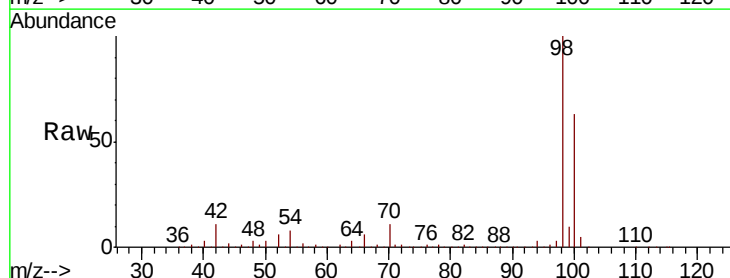
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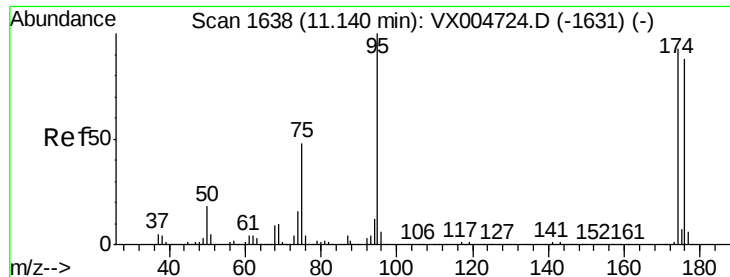
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#50
Toluene-d8
Concen: 51.795 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004874.D
Acq: 01 Oct 2018 16:48

Tgt Ion: 98 Resp: 499768
Ion Ratio Lower Upper
98 100
100 63.6 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 52.485 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

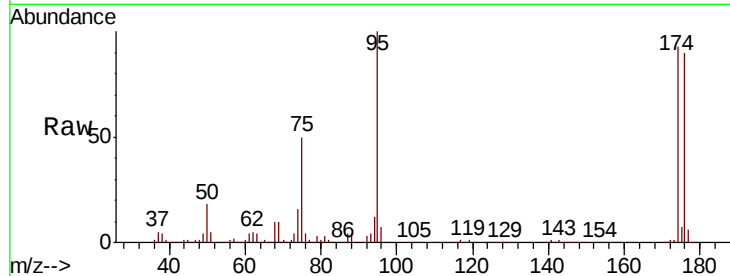
ClientSampleId :

SA-TW509-3337

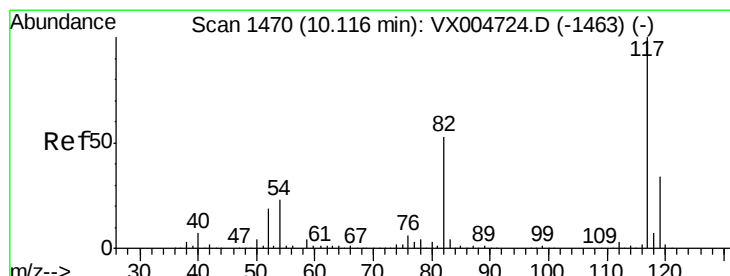
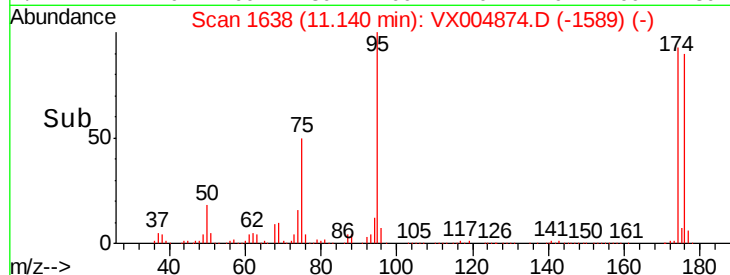
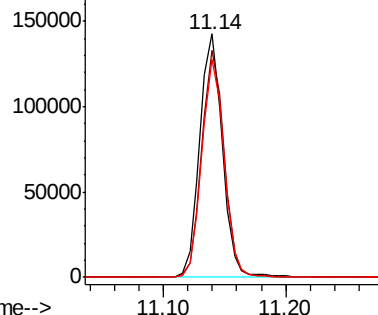
Tgt Ion:	95	Resp:	182443
Ion Ratio	Lower	Upper	
95	100		
174	92.0	0.0	185.2
176	88.4	0.0	178.6

Manual Integrations
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Abundance Ion 94.90 (94.60 to 95.60): VX004874.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

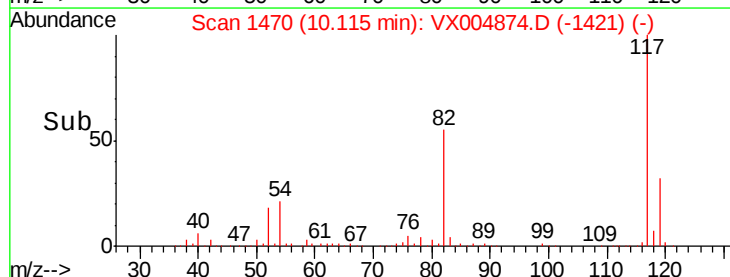
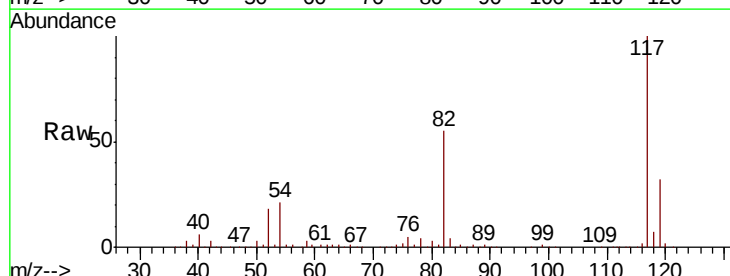
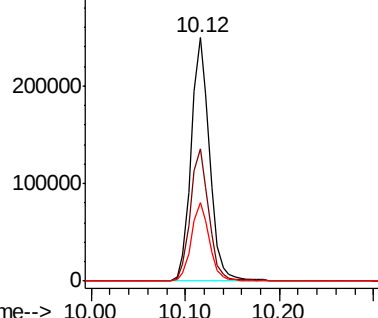
Delta R.T. -0.00 min

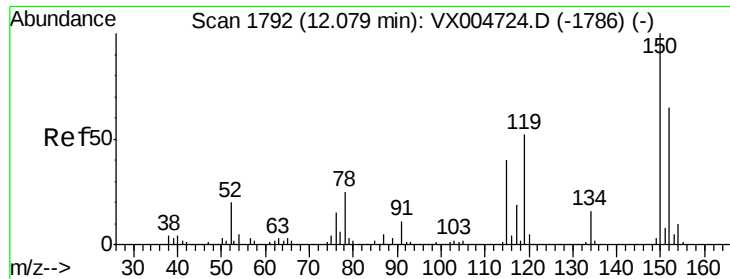
Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Tgt Ion:	117	Resp:	339594
Ion Ratio	Lower	Upper	
117	100		
82	54.5	47.8	71.6
119	32.3	29.3	43.9

Abundance Ion 116.90 (116.60 to 117.60): VX004874.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Instrument :

MSVOA_X

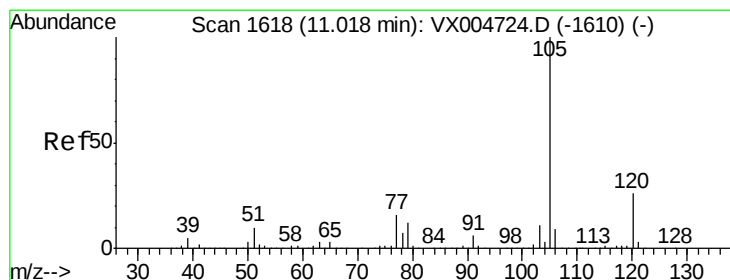
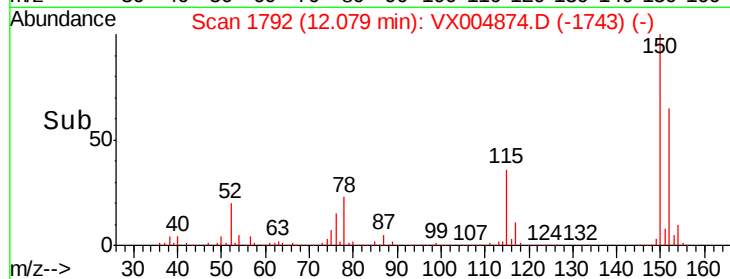
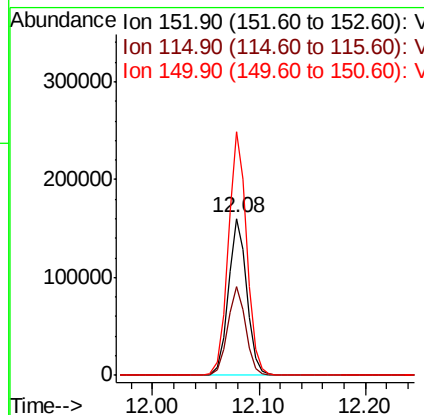
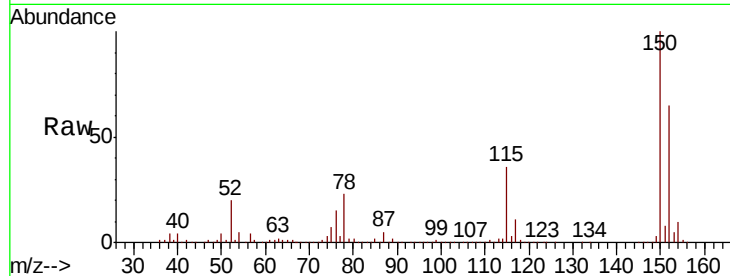
ClientSampleId :

SA-TW509-3337

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	192524		
115	55.8	39.0	117.0	
150	156.1	0.0	351.0	

Manual Integrations
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10/4/2018 7:07:52 PM



#73

Isopropylbenzene

Concen: 1.516 ug/l

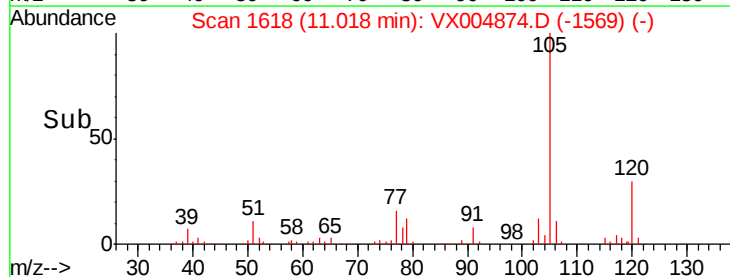
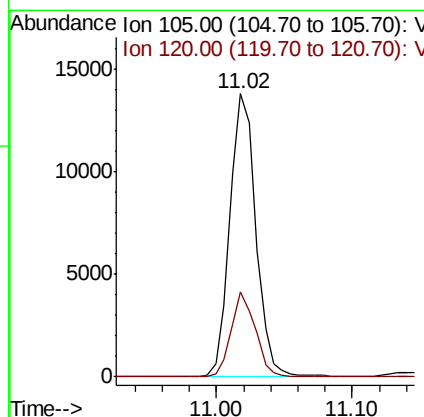
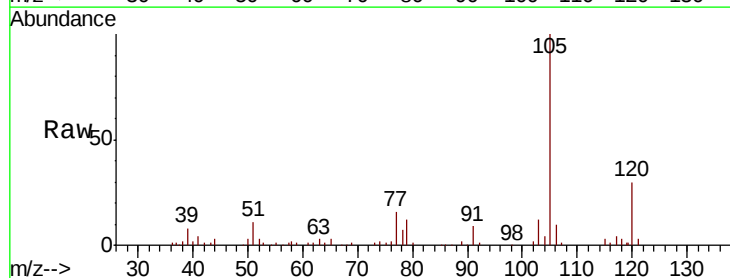
RT: 11.02 min Scan# 1618

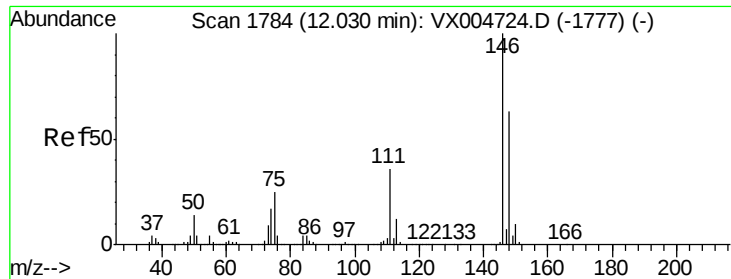
Delta R.T. -0.00 min

Lab File: VX004874.D

Acq: 01 Oct 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	18400		
120	27.8	13.5	40.4	





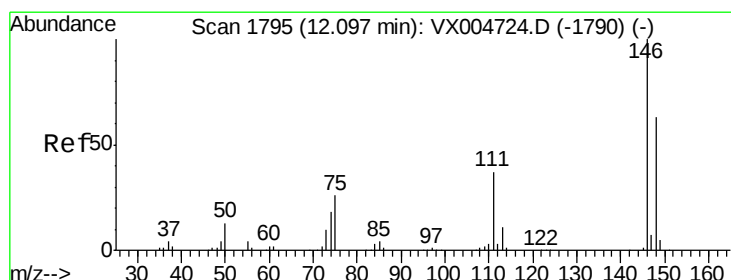
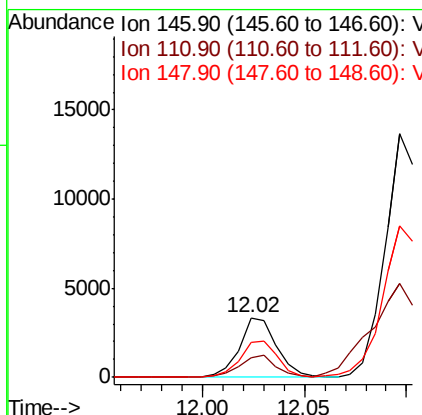
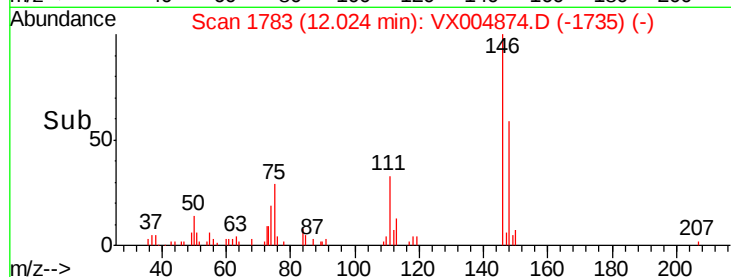
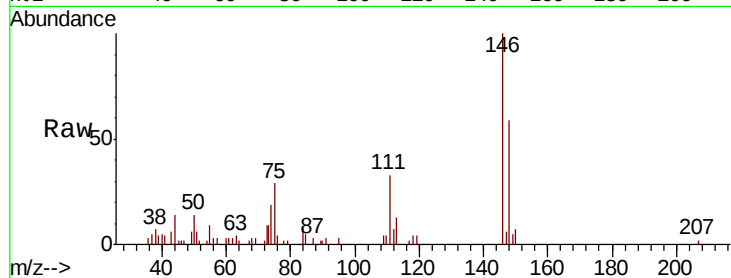
#87
 1,3-Dichlorobenzene
 Concen: 0.648 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.7	56.1
148	61.1	32.1	96.5

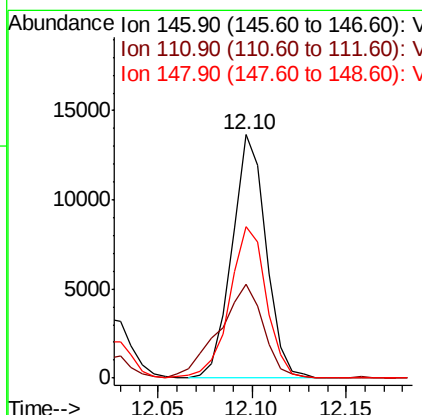
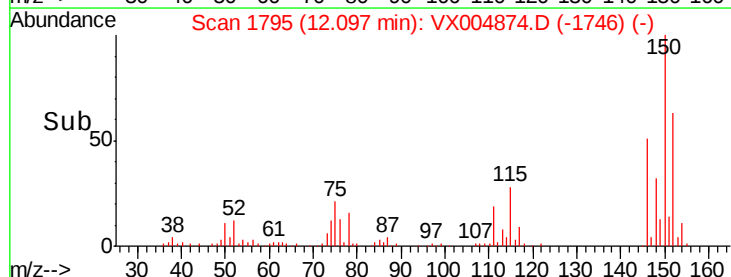
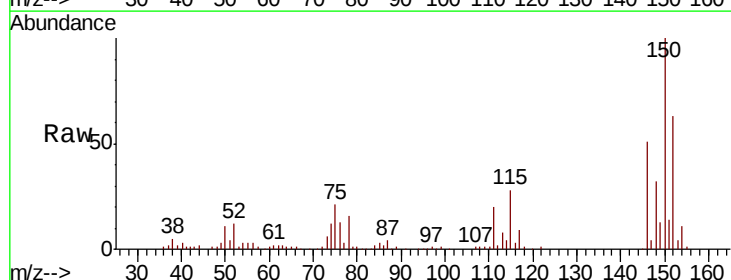
Manual Integrations
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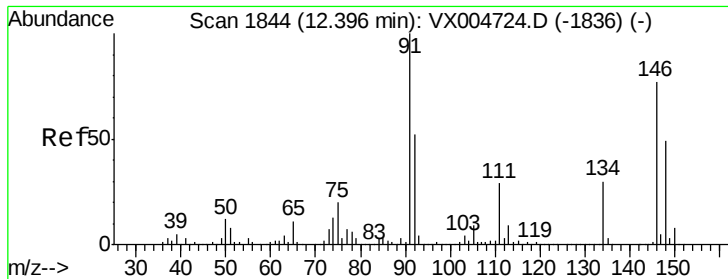
MMDadoda
 10/4/2018 7:07:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 2.521 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.0	18.1	54.1
148	67.4	32.0	96.0





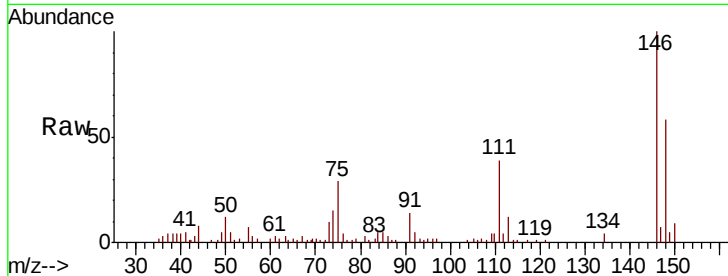
#91
 1,2-Dichlorobenzene
 Concen: 1.189 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-3337

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.1
148	60.6	32.8	98.3

Manual Integrations
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MMDadoda
 10/4/2018 7:07:52 PM

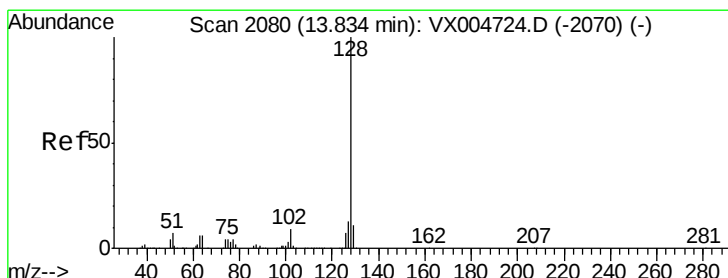
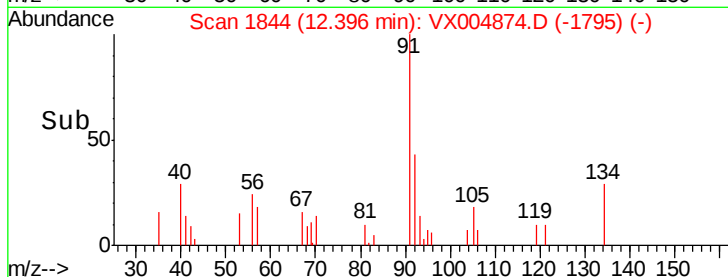
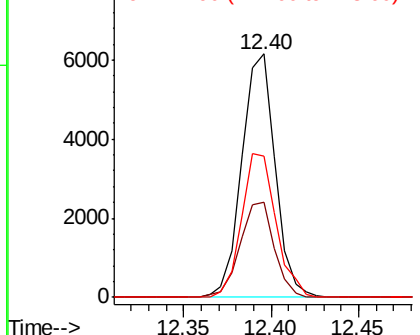


Abundance

Ion 145.90 (145.60 to 146.60): V

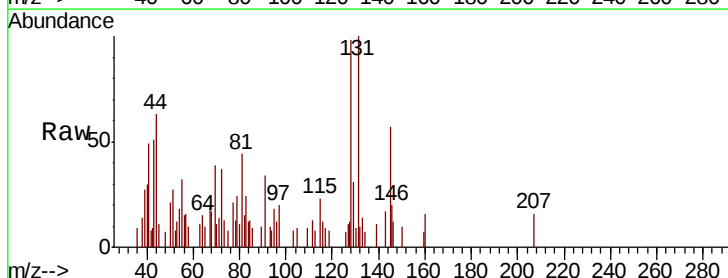
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95
 Naphthalene
 Concen: 0.800 ug/l m
 RT: 13.84 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: VX004874.D
 Acq: 01 Oct 2018 16:48

Tgt Ion	Ratio	Lower	Upper
128	100		
127	35.4	10.2	15.2#
129	81.6	8.6	12.8#



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

