

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004879.D
 Acq On : 01 Oct 2018 19:03
 Operator : JC/MD
 Sample : J5135-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

Manual Integrations
 APPROVED

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Quant Time: Oct 11 13:45:57 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	202987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164577	56.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.52%	
35) Dibromofluoromethane	5.50	113	139577	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.72	98	496441	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	174935	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.73	64	106139	62.419	ug/l	97
12) 1,1-Dichloroethene	2.37	96	65744	29.891	ug/l	92
16) Acetone	2.45	43	3192	1.886	ug/l	93
24) 1,1-Dichloroethane	3.70	63	2240375	464.765	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	55633	14.953	ug/l	99
40) Benzene	6.14	78	9801	0.805	ug/l	100
44) Trichloroethene	7.21	130	1268	0.424	ug/l	84
85) sec-Butylbenzene	11.94	105	5676	0.486	ug/l #	77
88) 1,4-Dichlorobenzene	12.10	146	8735m	1.339	ug/l	
93) 1,2,4-Trichlorobenzene	13.65	180	16166	3.489	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	5335	1.115	ug/l	95

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

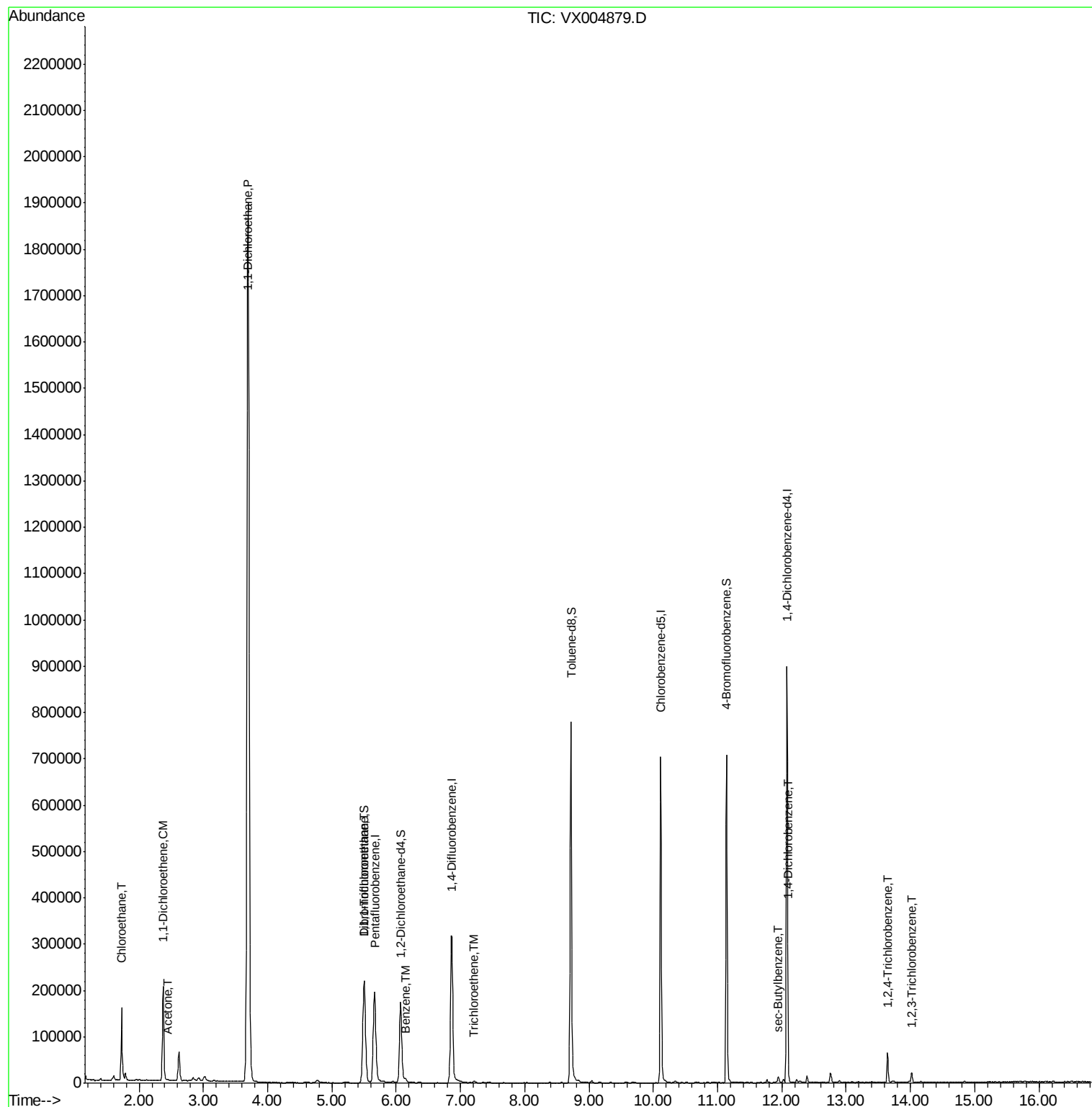
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100118\
Data File : VX004879.D
Acq On : 01 Oct 2018 19:03
Operator : JC/MD
Sample : J5135-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

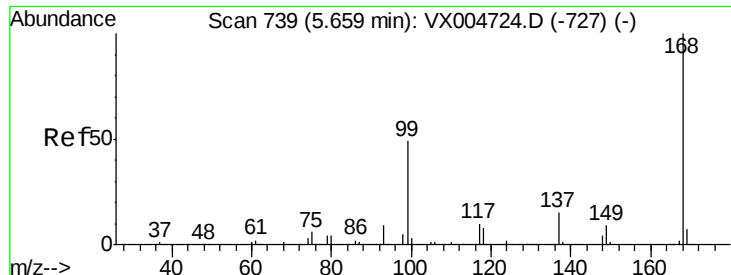
Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-3337

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Quant Time: Oct 11 13:45:57 2018
Quant Method : Z:\V0ASRV\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: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-3337

Tot Ion:168 Resp: 202987

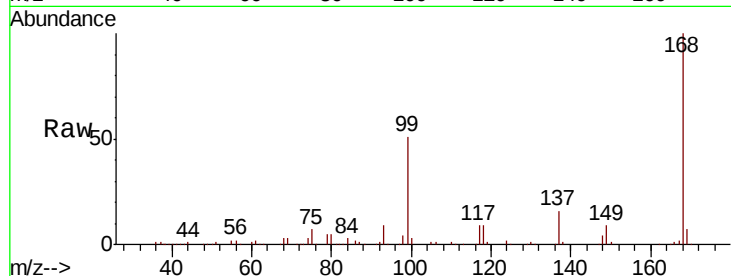
Ion Ratio Lower Upper

168 100

99 51.1 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

80000

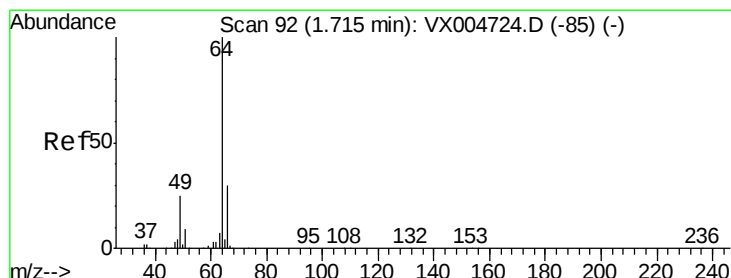
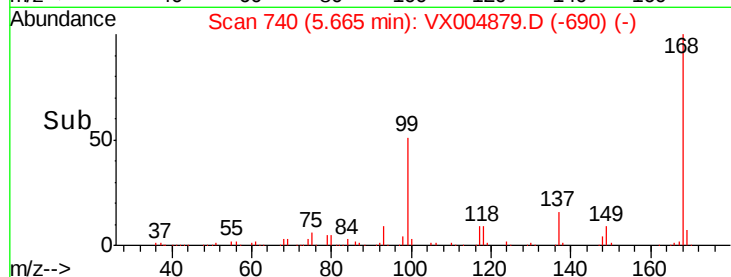
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 62.419 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX004879.D

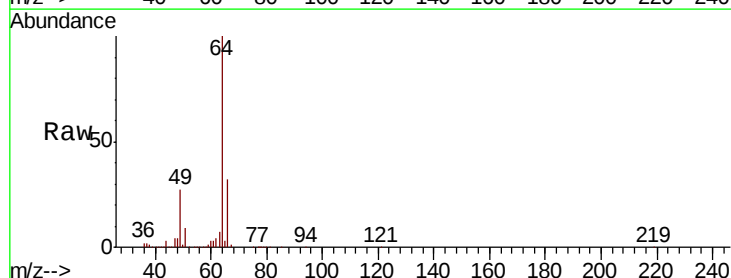
Acq: 01 Oct 2018 19:03

Tgt Ion: 64 Resp: 106139

Ion Ratio Lower Upper

64 100

66 32.3 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

80000

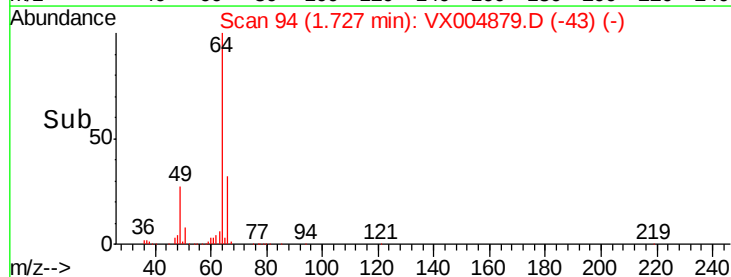
60000

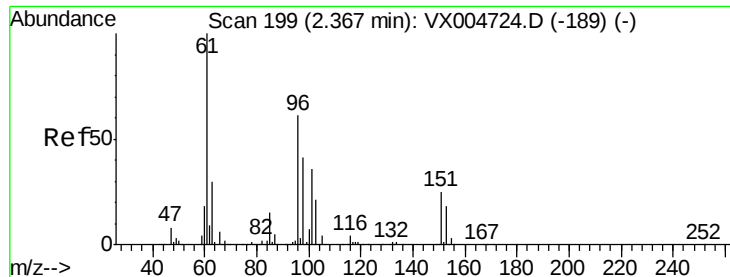
40000

20000

0

Time--> 1.65 1.70 1.75 1.80





#12

1,1-Dichloroethene

Concen: 29.891 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

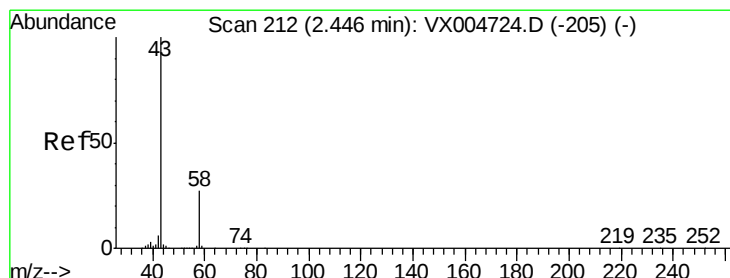
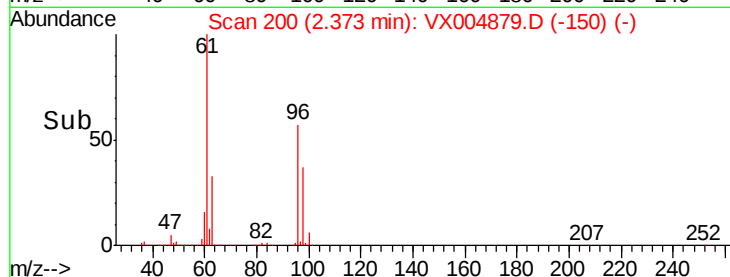
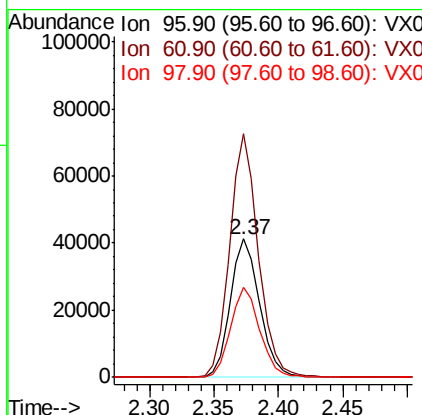
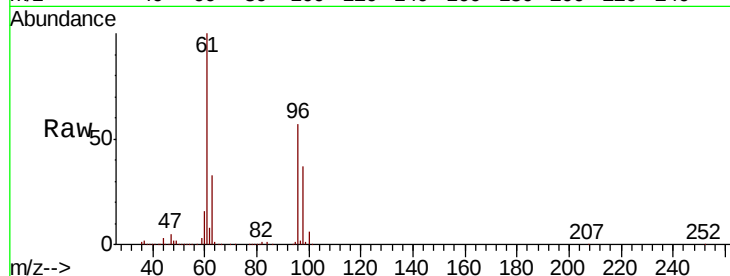
ClientSampleId :

SA-TW508-3337

Tot Ion:	96	Resp:	65744
Ion	Ratio	Lower	Upper
96	100		
61	176.0	128.8	193.2
98	65.4	52.2	78.2

Manual Integrations
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#16

Acetone

Concen: 1.886 ug/l

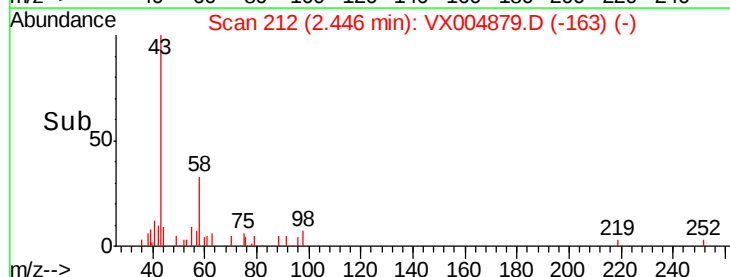
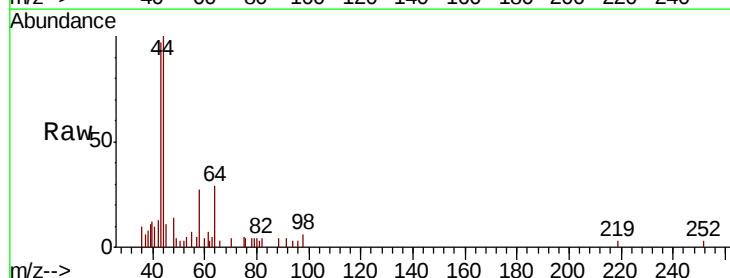
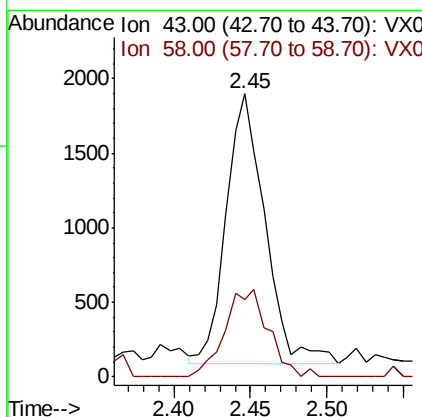
RT: 2.45 min Scan# 212

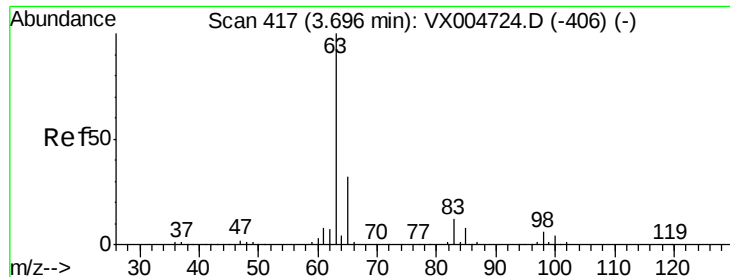
Delta R.T. -0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Tgt Ion:	43	Resp:	3192
Ion	Ratio	Lower	Upper
43	100		
58	28.9	26.2	39.4





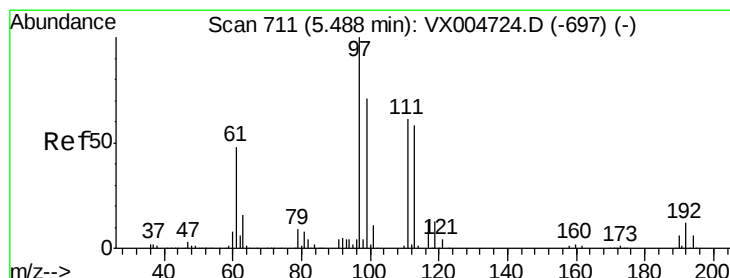
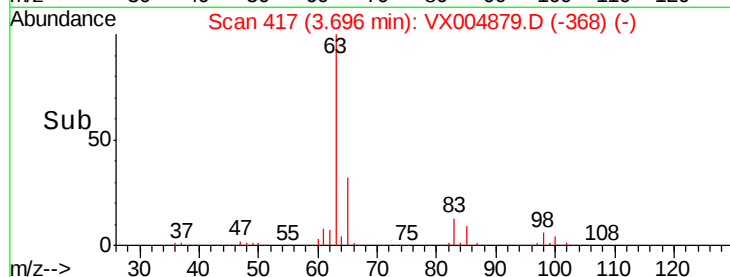
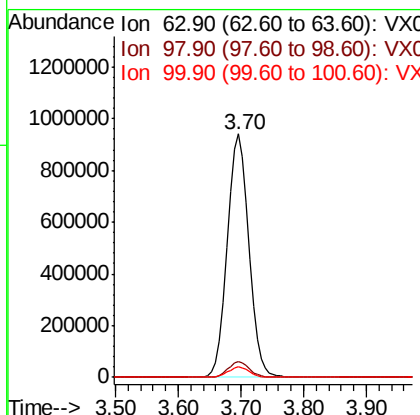
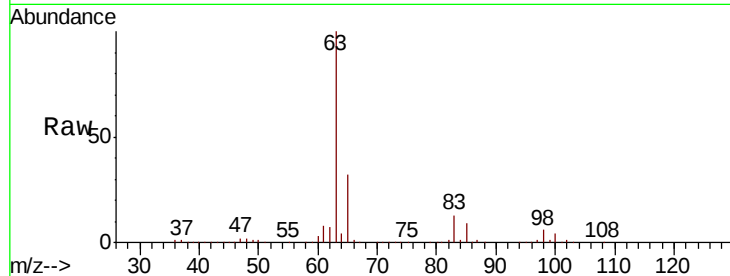
#24
 1,1-Dichloroethane
 Concen: 464.765 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.5	10.4
100	4.1	2.4	7.1

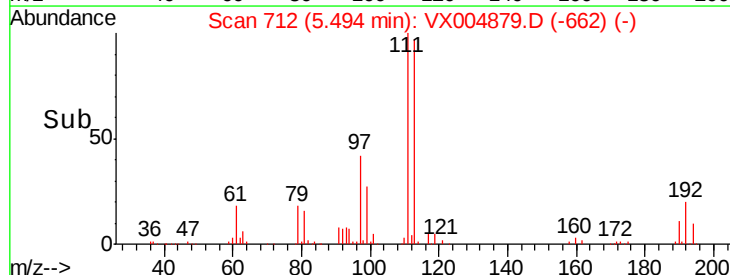
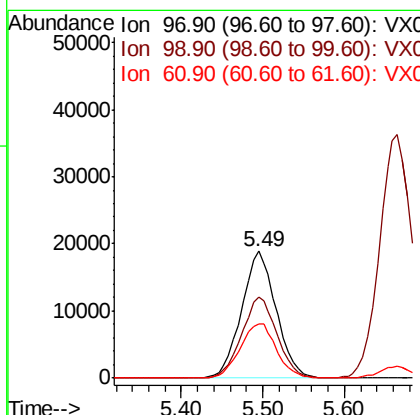
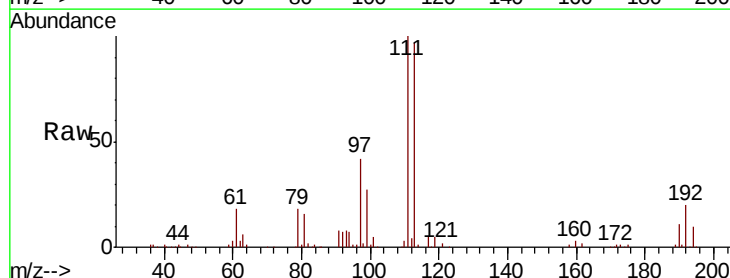
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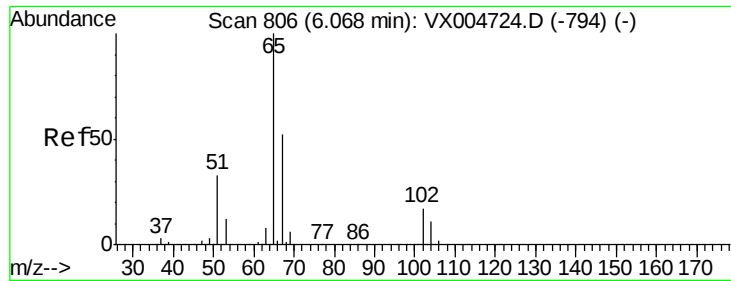
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#32
 1,1,1-Trichloroethane
 Concen: 14.953 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	45.1	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 56.757 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004879.D

Acq: 01 Oct 2018 19:03

Instrument :

MSVOA_X

ClientSampled :

SA-TW508-3337

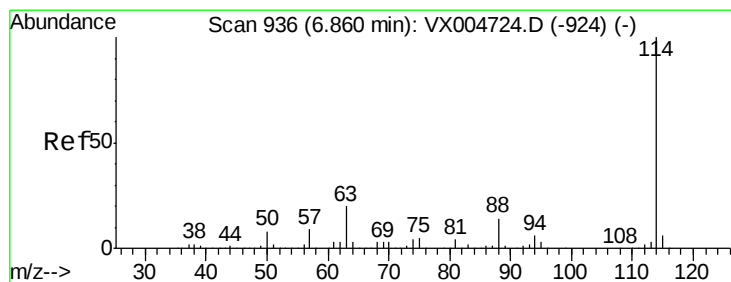
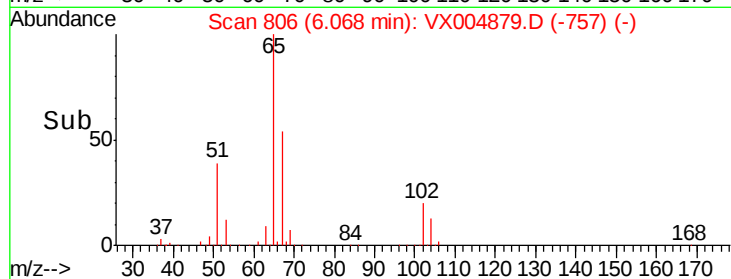
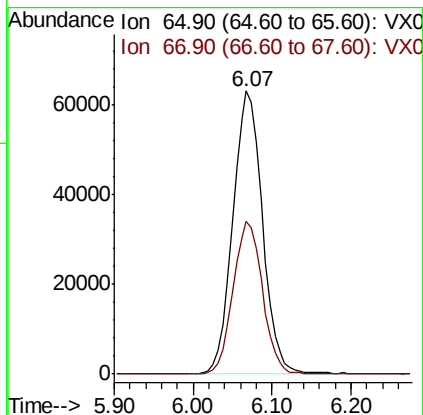
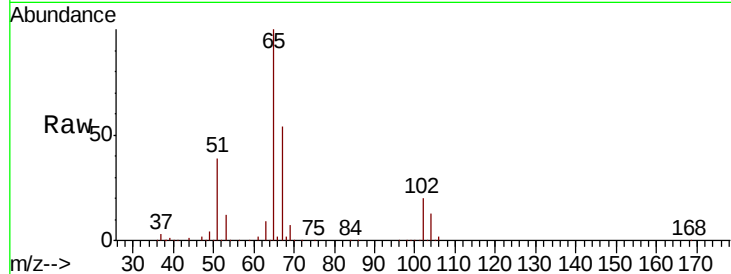
Tot Ion: 65 Resp: 164577
Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004879.D

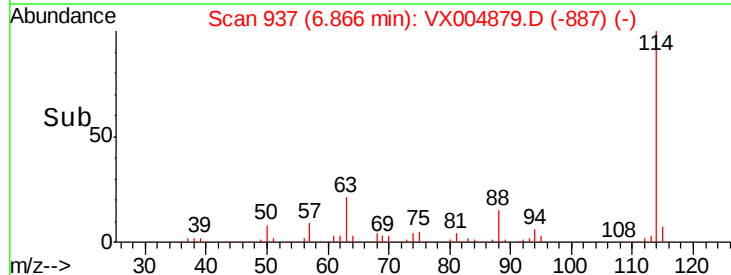
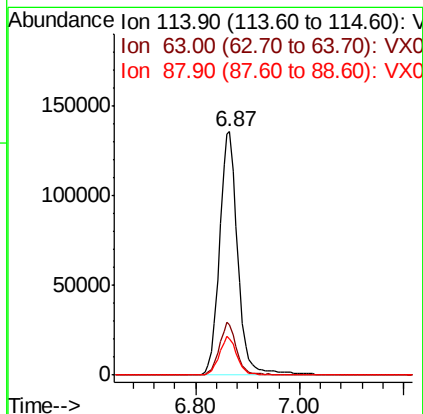
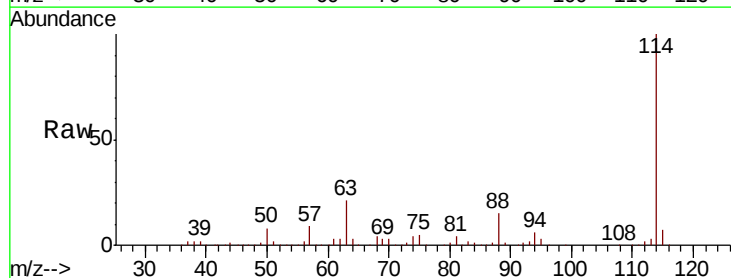
Acq: 01 Oct 2018 19:03

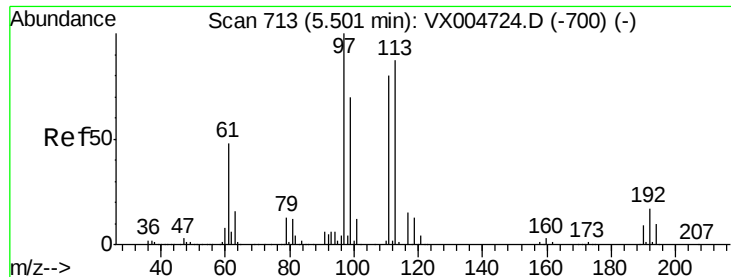
Tgt Ion: 114 Resp: 336231
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

88 14.8 0.0 30.4





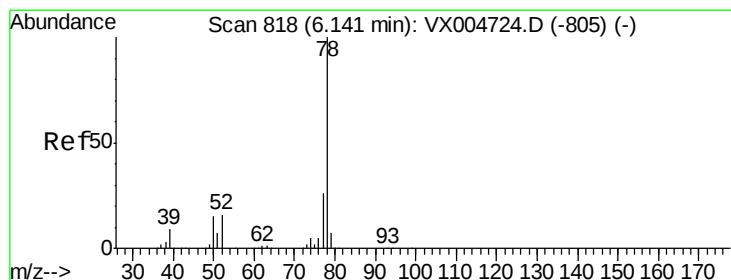
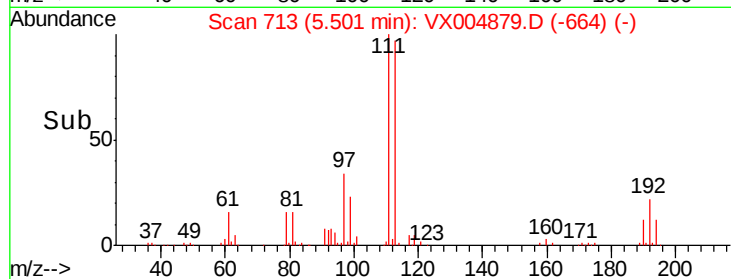
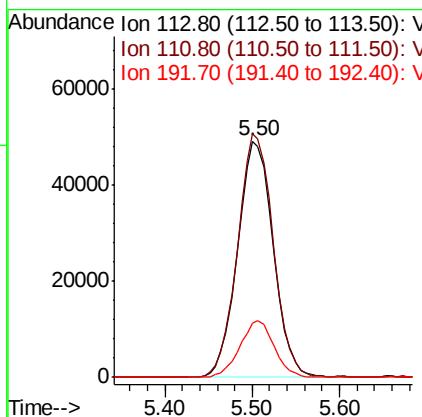
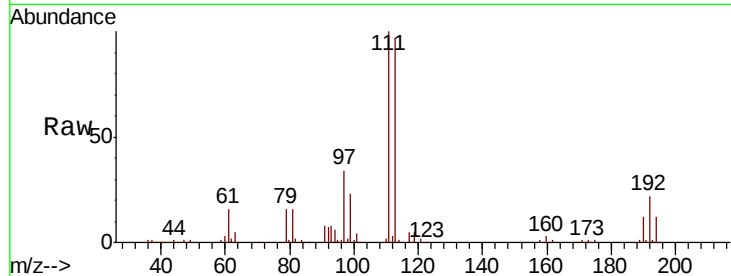
#35
 Dibromofluoromethane
 Concen: 48.981 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	23.0	19.4	29.2

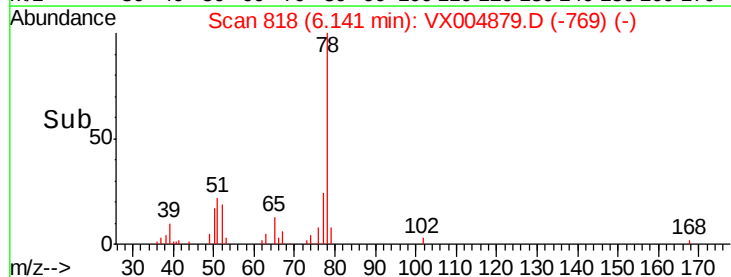
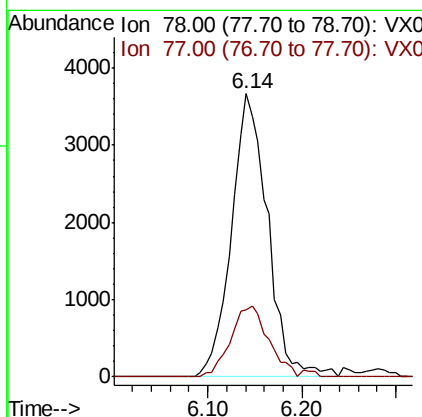
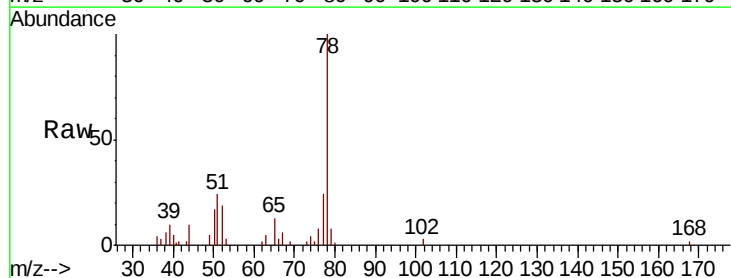
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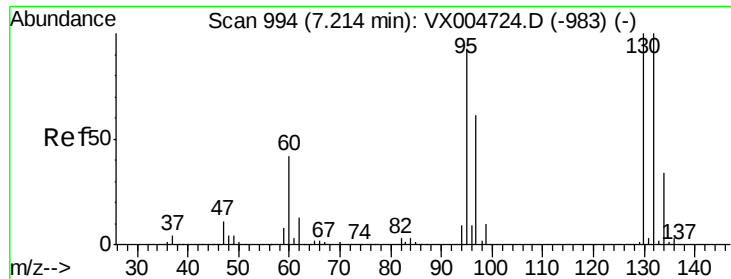
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#40
 Benzene
 Concen: 0.805 ug/l
 RT: 6.14 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





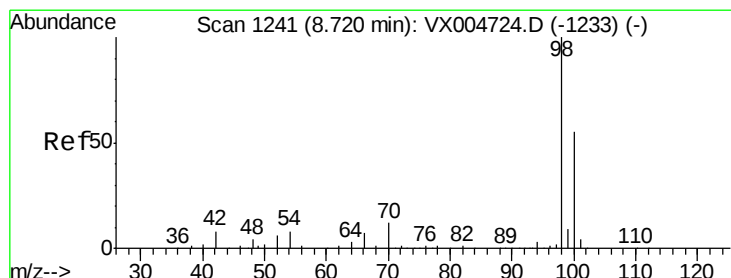
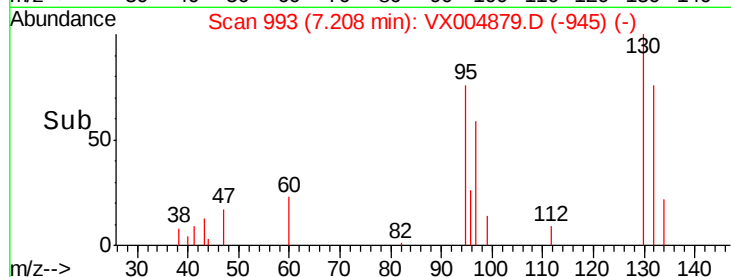
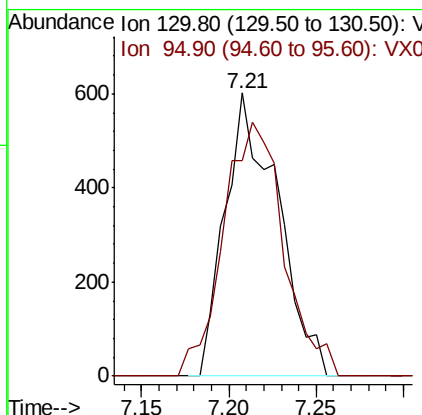
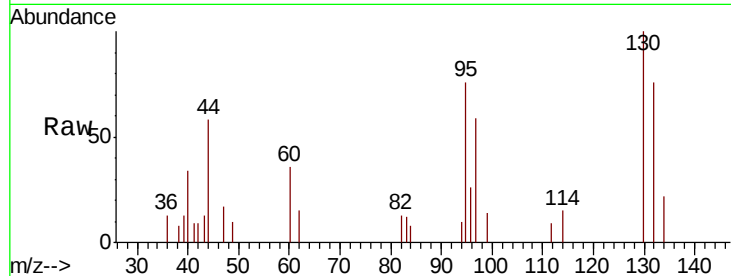
#44
 Trichloroethene
 Concen: 0.424 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

Tot Ion:130 Resp: 1268
 Ion Ratio Lower Upper
 130 100
 95 76.1 0.0 181.6

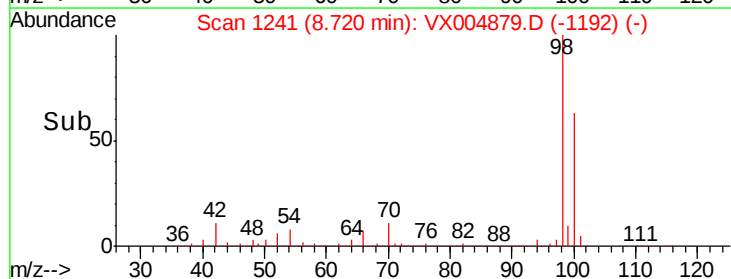
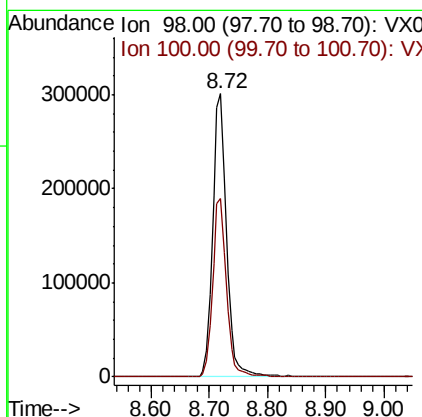
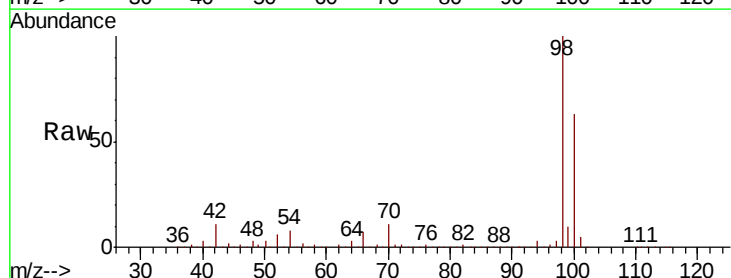
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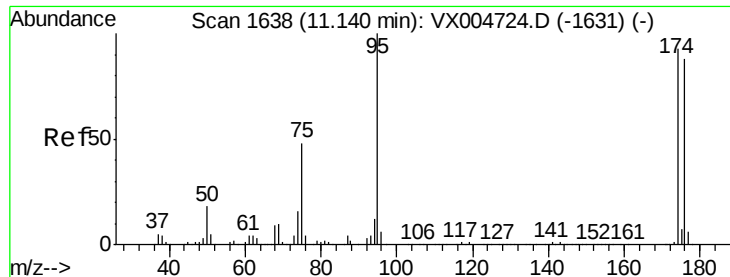
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#50
 Toluene-d8
 Concen: 52.403 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Tgt Ion: 98 Resp: 496441
 Ion Ratio Lower Upper
 98 100
 100 62.9 52.9 79.3





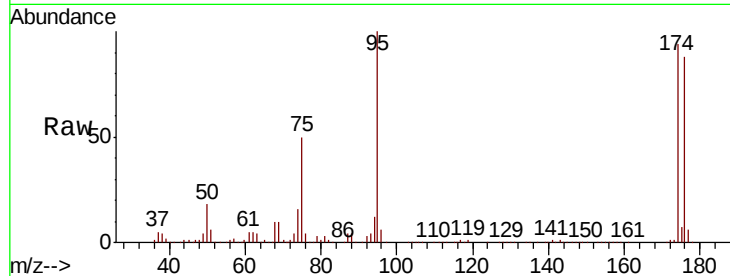
#62
4-Bromofluorobenzene
Concen: 51.257 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-3337

Tot Ion	Ratio	Resp	Lower	Upper
95	100	174935		
174	93.5	0.0	185.2	
176	89.3	0.0	178.6	

Manual Integrations
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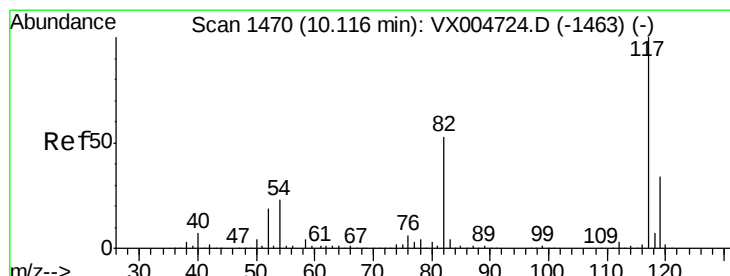
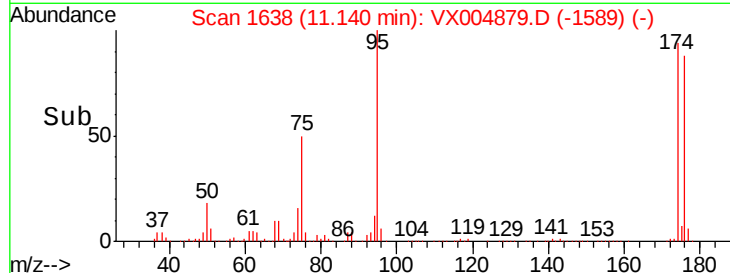
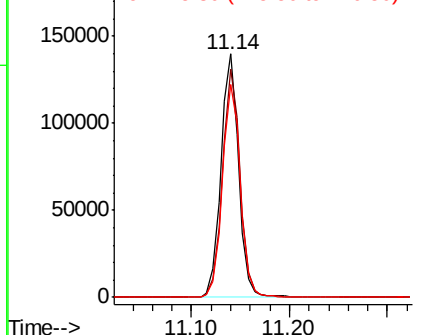
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Abundance Ion 94.90 (94.60 to 95.60): VX004879.D (-1589) (-)

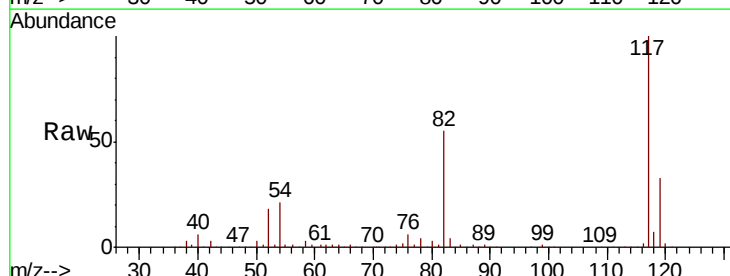
Ion 173.80 (173.50 to 174.50): VX004879.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX004879.D (-1589) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

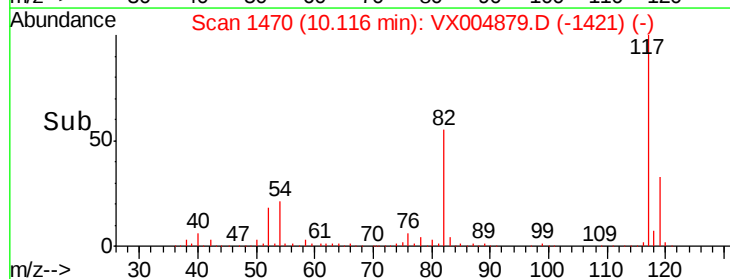
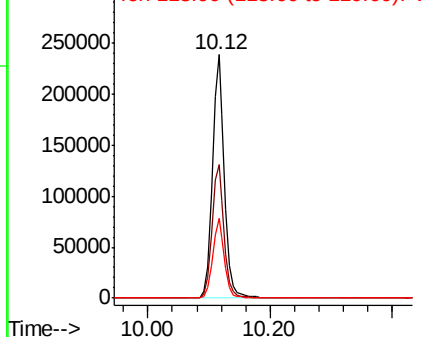
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	333672		
82	55.0	47.8	71.6	
119	32.6	29.3	43.9	

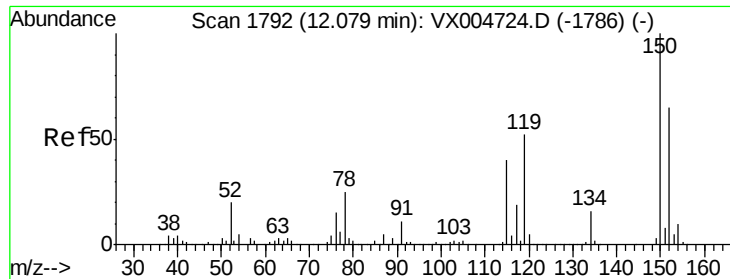


Abundance Ion 116.90 (116.60 to 117.60): VX004879.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX004879.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX004879.D (-1421) (-)





#72

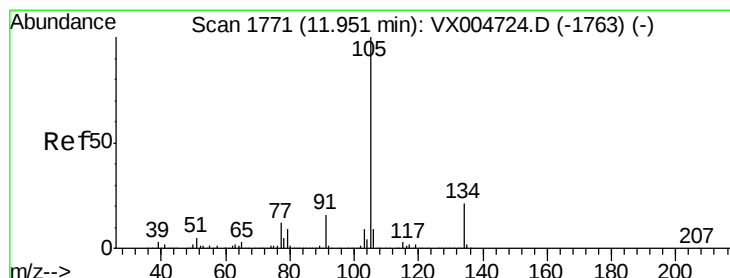
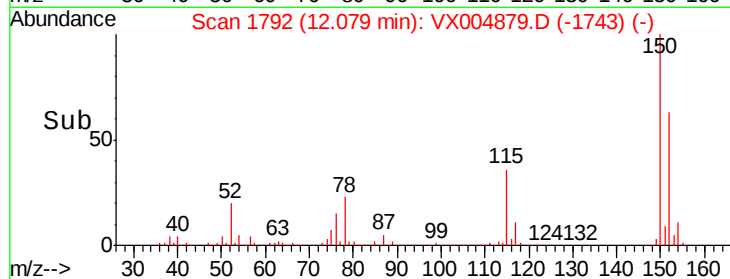
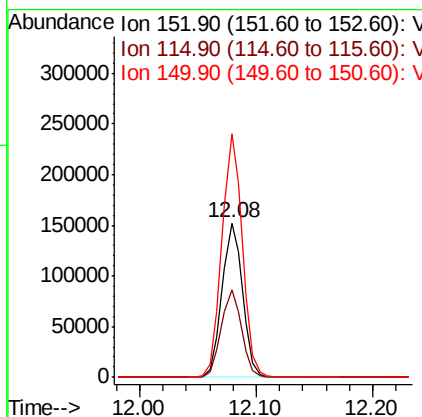
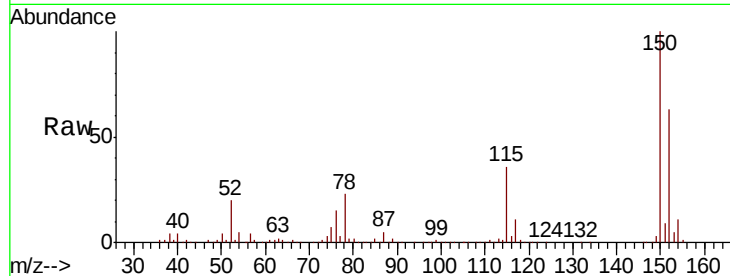
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-3337

Tot Ion	Ratio	Resp	Lower	Upper
152	100	184876		
115	56.3	39.0	117.0	
150	157.3	0.0	351.0	

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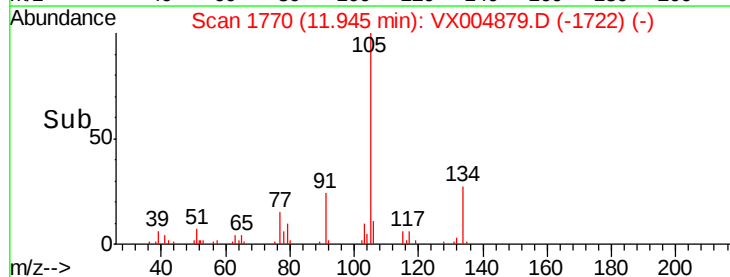
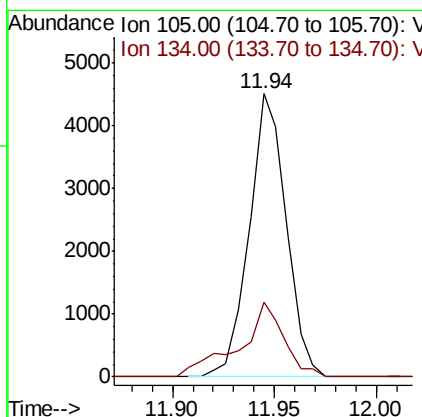
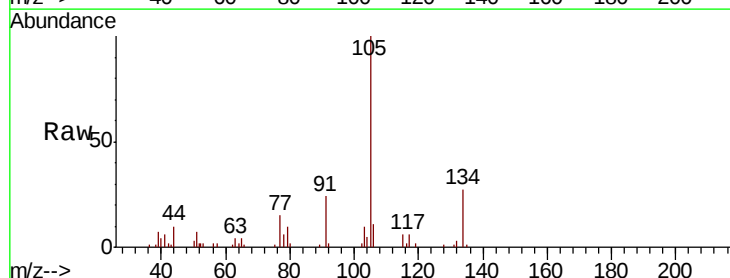
MMDadoda
10/4/2018 7:07:52 PM

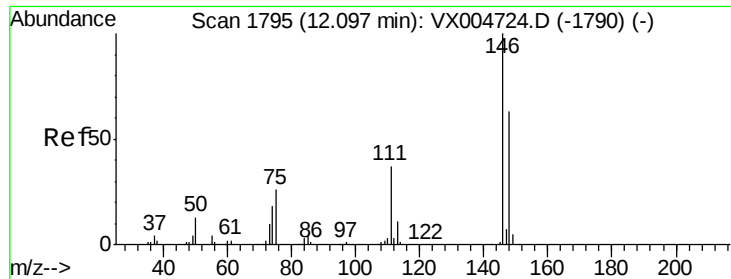


#85

sec-Butylbenzene
Concen: 0.486 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004879.D
Acq: 01 Oct 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	5676		
134	31.8	10.5	31.5	





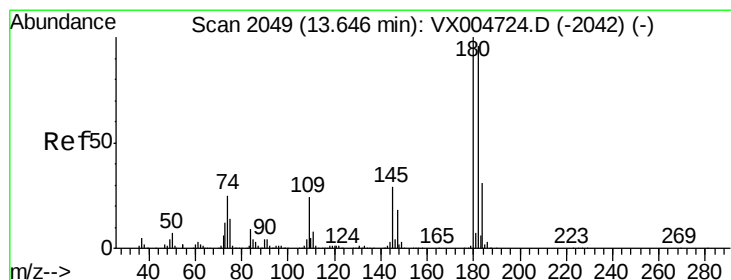
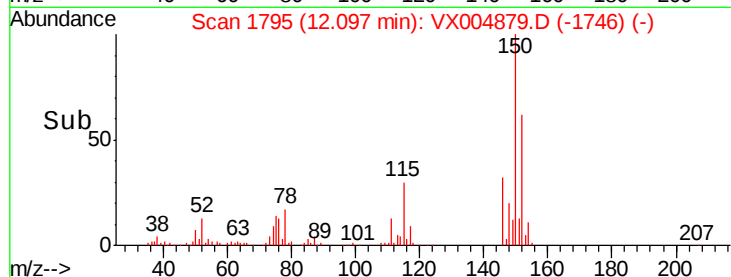
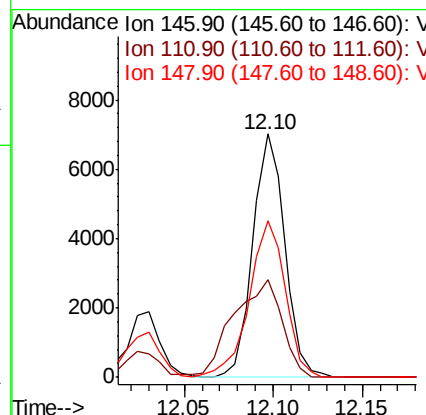
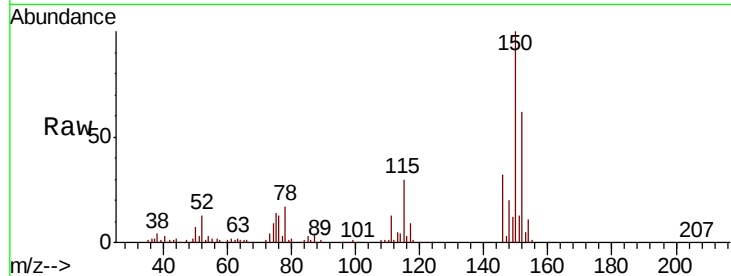
#88
 1,4-Dichlorobenzene
 Concen: 1.339 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

Tot Ion	Ratio	Lower	Upper
146	100		
111	11.4	18.1	54.1#
148	19.8	32.0	96.0#

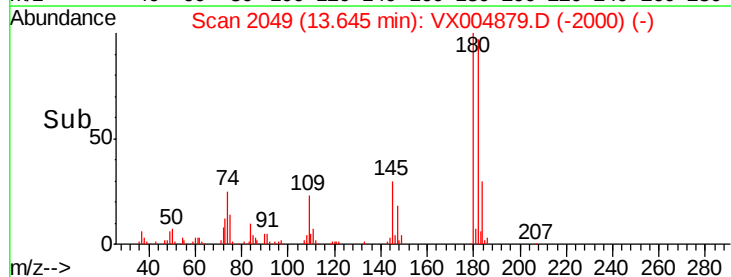
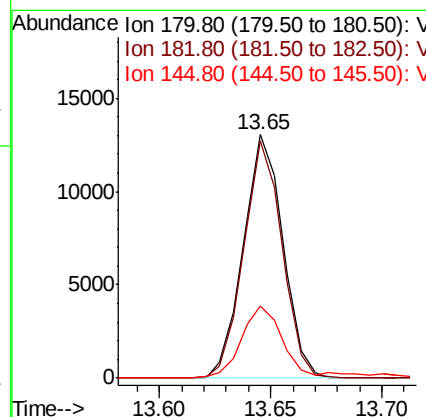
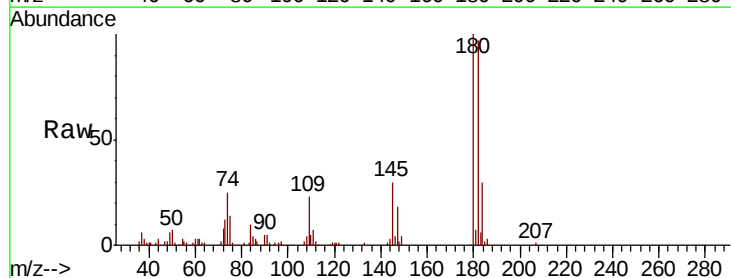
Manual Integrations
 APPROVED

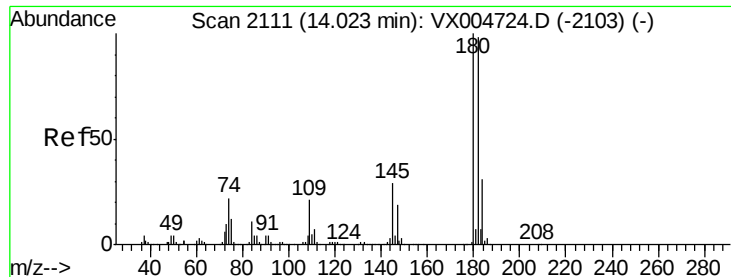
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#93
 1,2,4-Trichlorobenzene
 Concen: 3.489 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.4	145.0
145	33.4	14.3	42.9





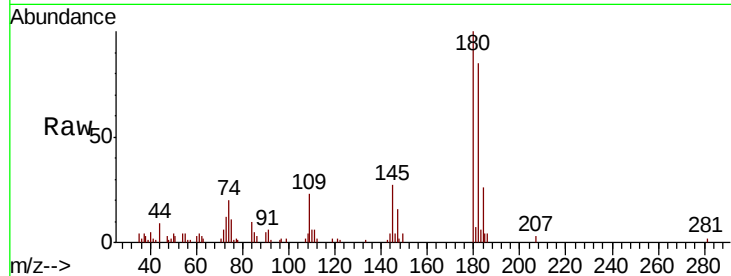
#96
 1,2,3-Trichlorobenzene
 Concen: 1.115 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX004879.D
 Acq: 01 Oct 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	48.5	145.6
145	36.6	14.9	44.9

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

