

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003493.D
 Acq On : 20 Jul 2018 04:58
 Operator : JC/SP
 Sample : J3170-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW02-071118

Manual Integrations
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sam
 7/20/2018 5:47:38 PM

Quant Time: Jul 26 03:45:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	300519	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	421756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	405698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186426	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
35) Dibromofluoromethane	5.50	113	176951	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.16%	
50) Toluene-d8	8.72	98	624832	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	210874	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48238	14.470	ug/l	95
12) 1,1-Dichloroethene	2.37	96	28610	9.321	ug/l	89
16) Acetone	2.45	43	3274	2.437	ug/l	92
24) 1,1-Dichloroethane	3.70	63	11918	1.987	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	13217	3.476	ug/l	38
30) Chloroform	5.21	83	4287	0.732	ug/l #	83
32) 1,1,1-Trichloroethane	5.49	97	3787	0.755	ug/l #	50
38) Carbon Tetrachloride	5.79	117	2207	0.494	ug/l	95
44) Trichloroethene	7.22	130	2724795	664.571	ug/l	98
49) 1,4-Dioxane	7.76	88	2306	29.443	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	3246m	0.943	ug/l	
64) Tetrachloroethene	9.34	164	2180	0.441	ug/l	93

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

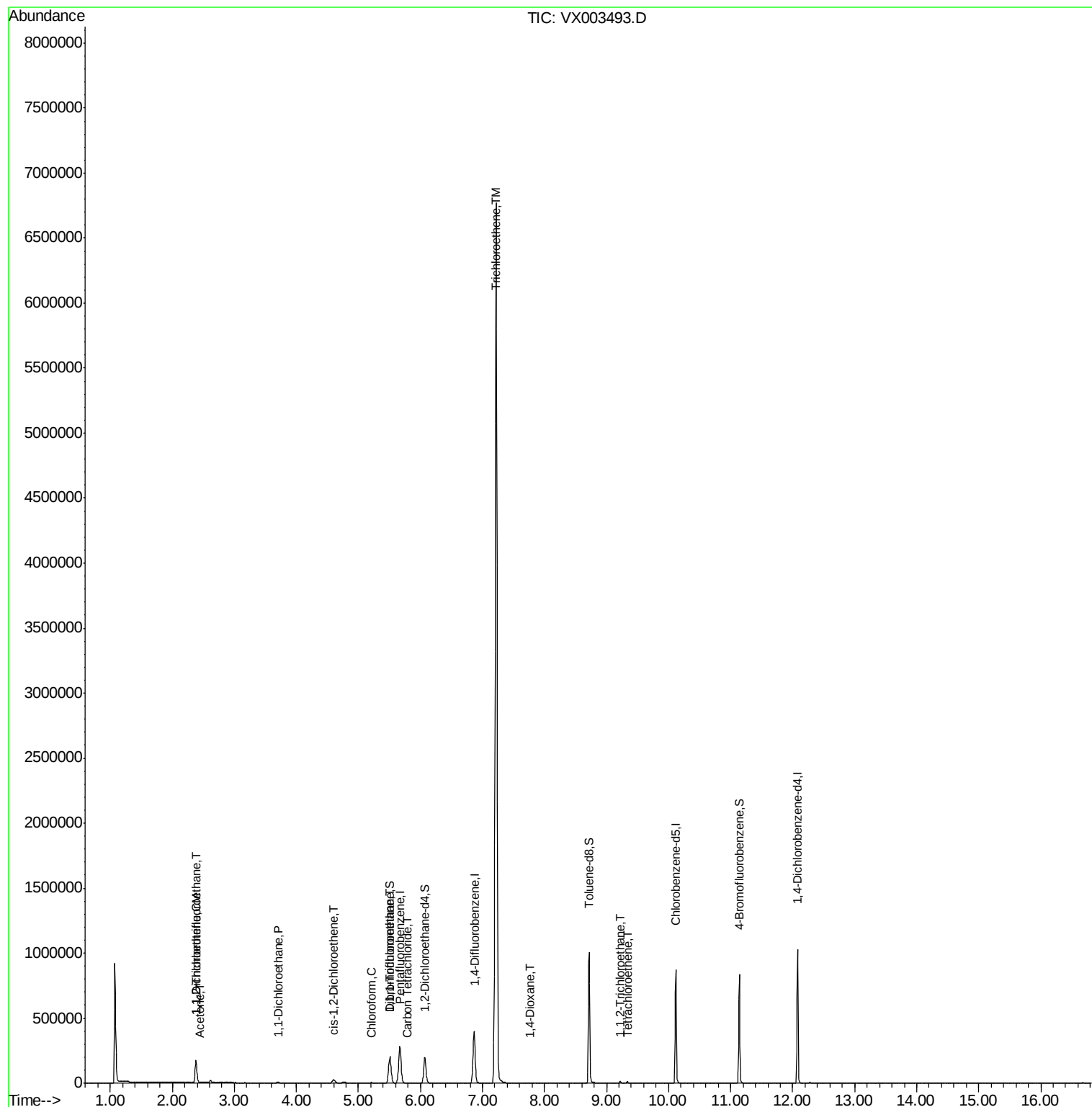
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071918\
Data File : VX003493.D
Acq On : 20 Jul 2018 04:58
Operator : JC/SP
Sample : J3170-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

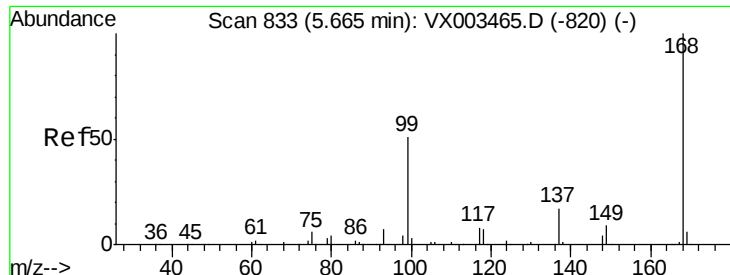
Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

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Quant Time: Jul 26 03:45:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

GW02-071118

Tot Ion:168 Resp: 300519

Ion Ratio Lower Upper

168 100

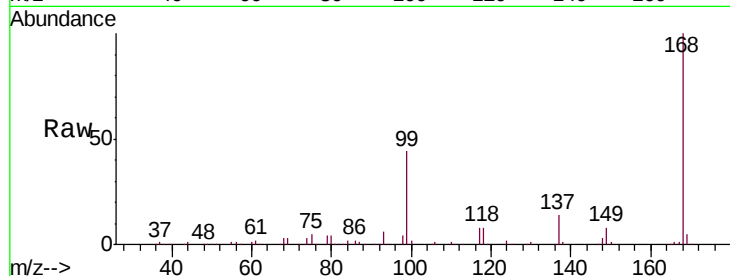
99 43.5 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

120000

100000

80000

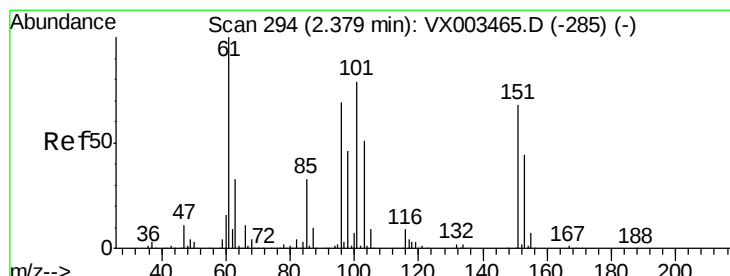
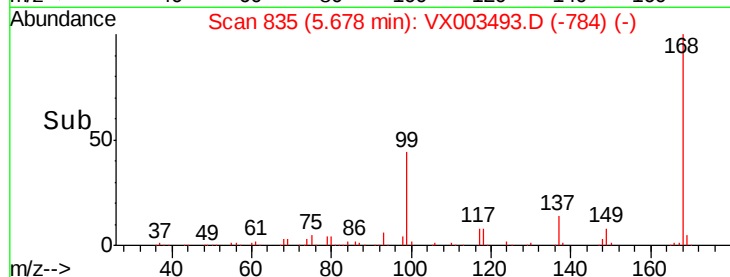
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.470 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

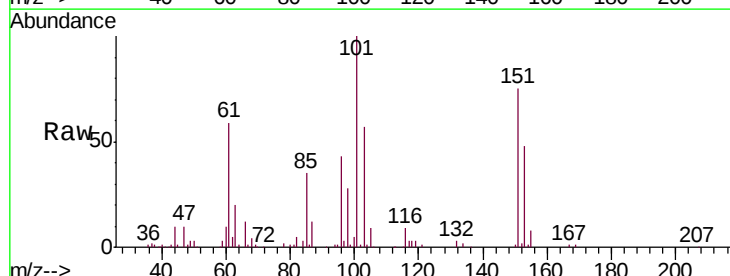
Tgt Ion:101 Resp: 48238

Ion Ratio Lower Upper

101 100

85 40.2 36.0 54.0

151 85.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

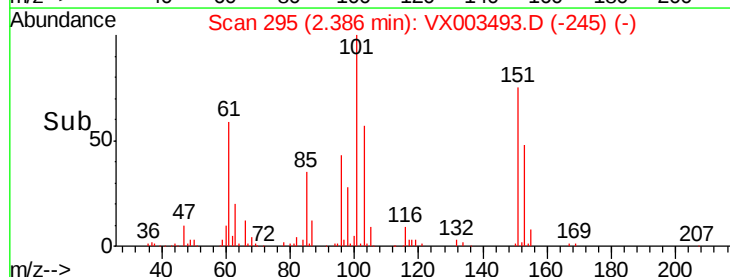
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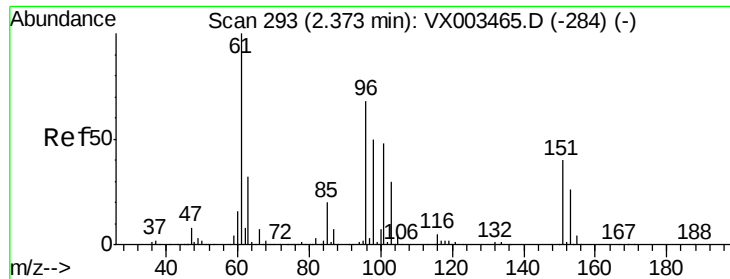
20000

10000

0

Time--> 2.30 2.35 2.40 2.45 2.50





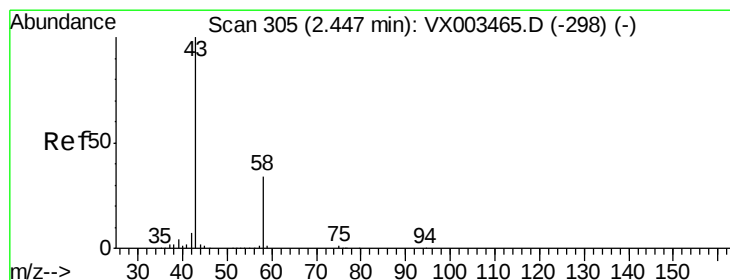
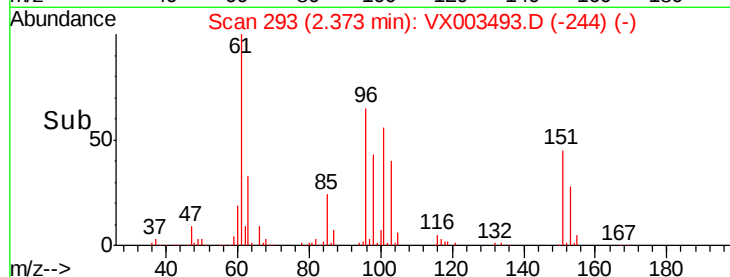
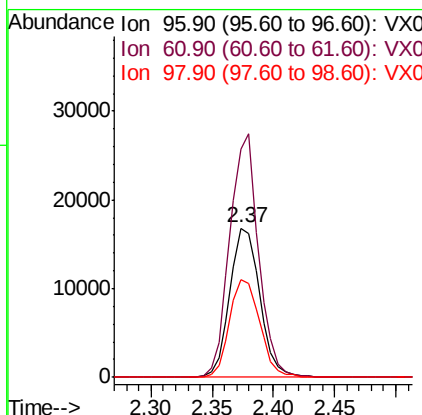
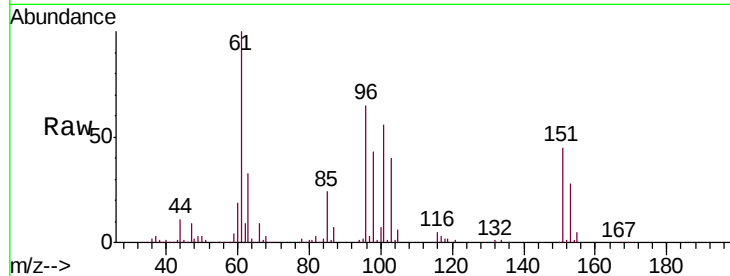
#12
 1,1-Dichloroethene
 Concen: 9.321 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003493.D
 Acq: 20 Jul 2018 04:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GW02-071118

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.3	137.9	206.9
98	65.8	51.6	77.4

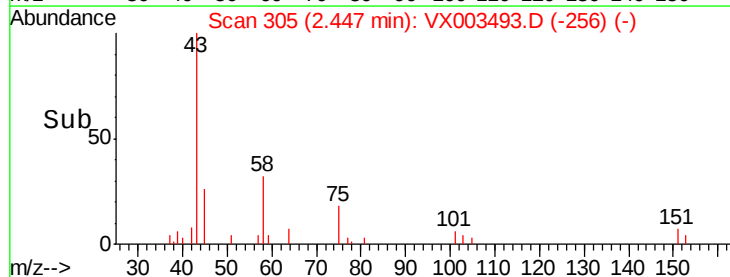
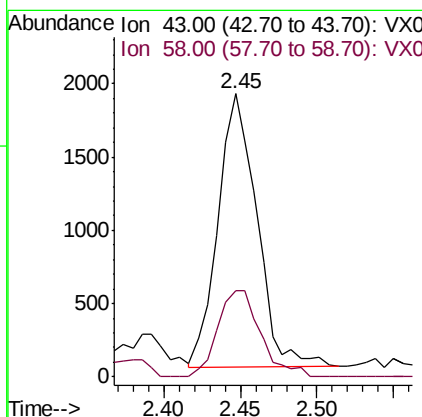
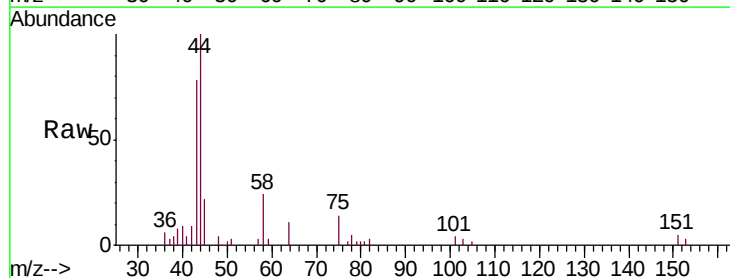
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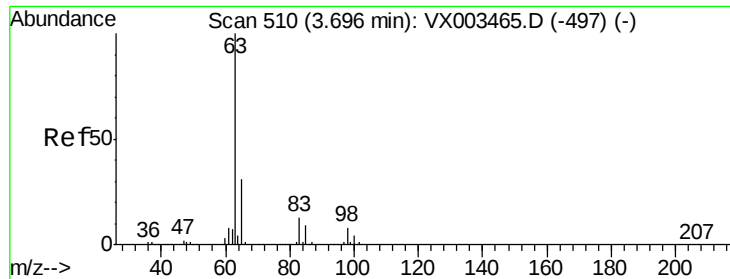
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#16
 Acetone
 Concen: 2.437 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003493.D
 Acq: 20 Jul 2018 04:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	22.1	33.1





#24

1,1-Dichloroethane

Concen: 1.987 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

Instrument :

MSVOA_X

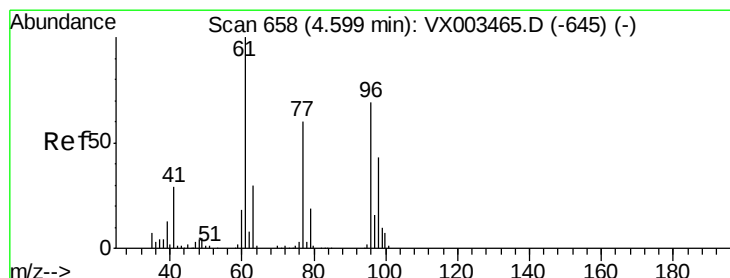
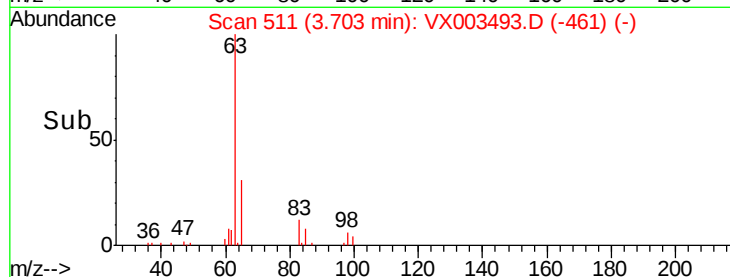
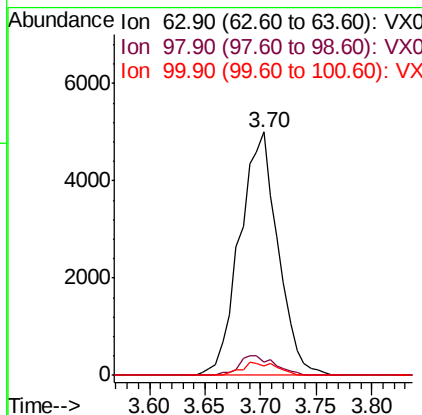
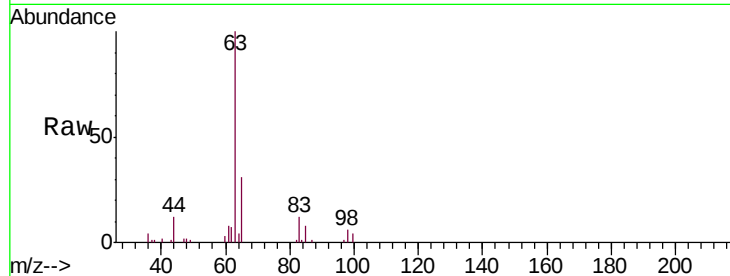
ClientSampleId :

GW02-071118

Tot Ion:	63	Resp:	11918
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.4	10.2
100	4.1	2.0	6.0

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#27

cis-1,2-Dichloroethene

Concen: 3.476 ug/l

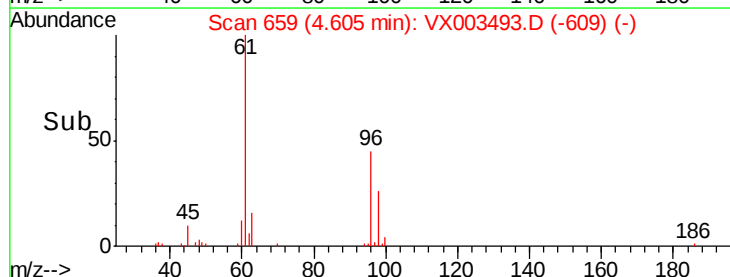
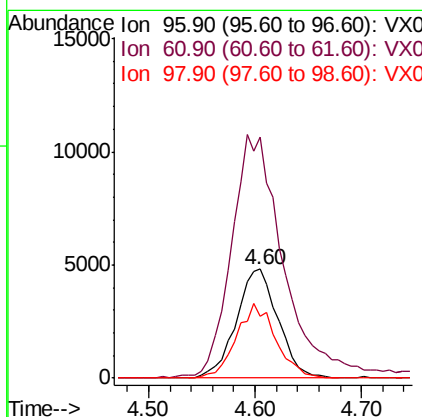
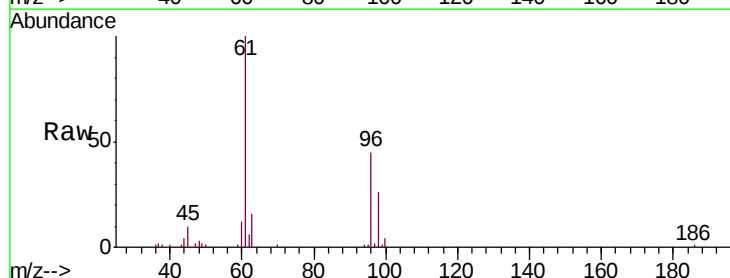
RT: 4.60 min Scan# 659

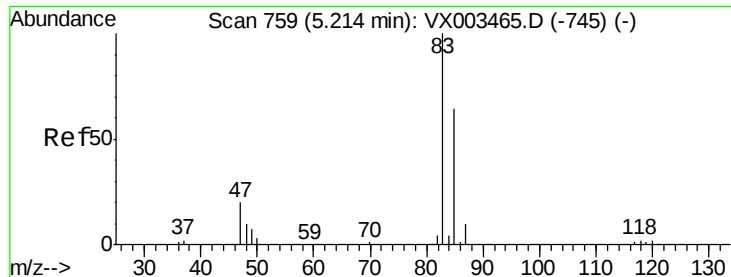
Delta R.T. 0.01 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

Tgt Ion:	96	Resp:	13217
Ion	Ratio	Lower	Upper
96	100		
61	281.9	0.0	330.2
98	64.6	0.0	130.2





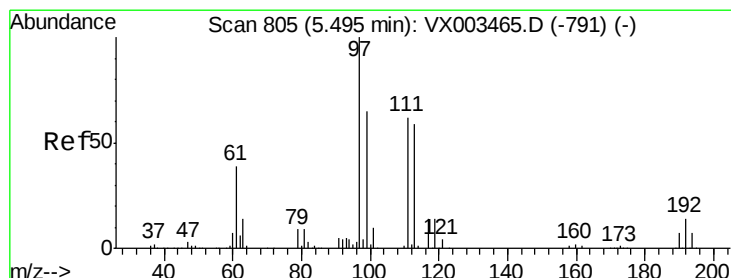
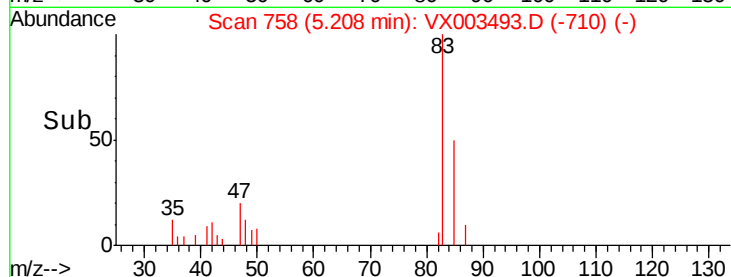
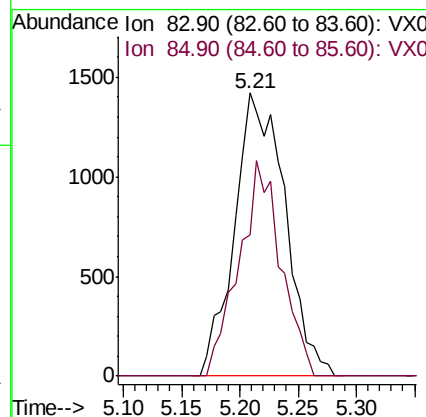
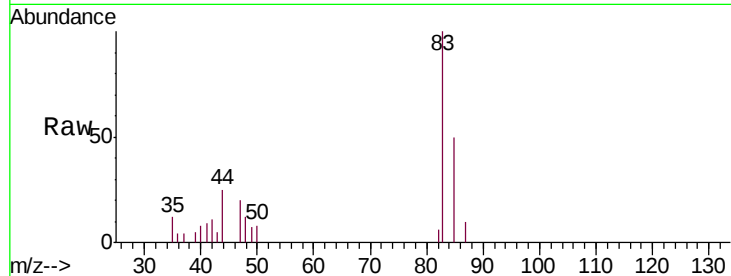
#30
Chloroform
Concen: 0.732 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tot Ion: 83 Resp: 4287
Ion Ratio Lower Upper
83 100
85 49.8 50.4 75.6#

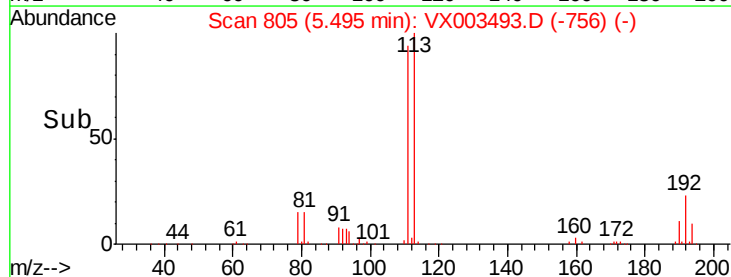
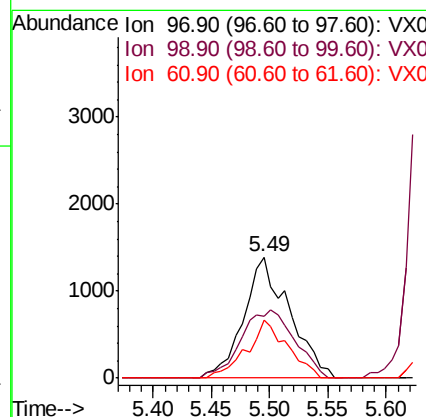
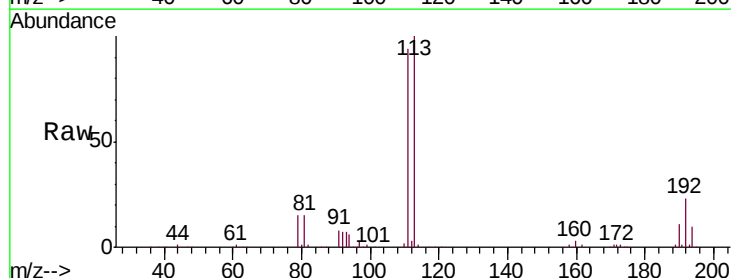
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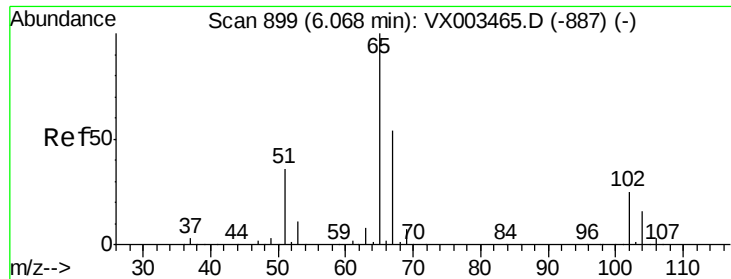
sam
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#32
1,1,1-Trichloroethane
Concen: 0.755 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 97 Resp: 3787
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4#
61 42.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.406 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

GW02-071118

Tot Ion: 65 Resp: 186426

Ion Ratio Lower Upper

65 100

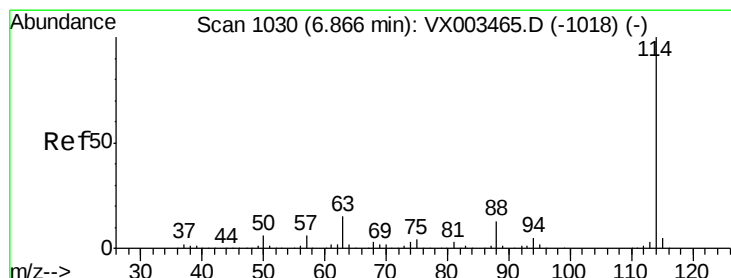
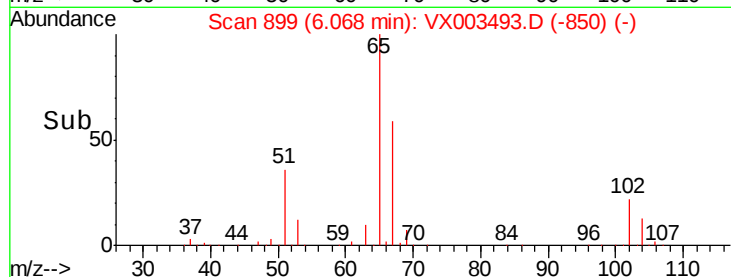
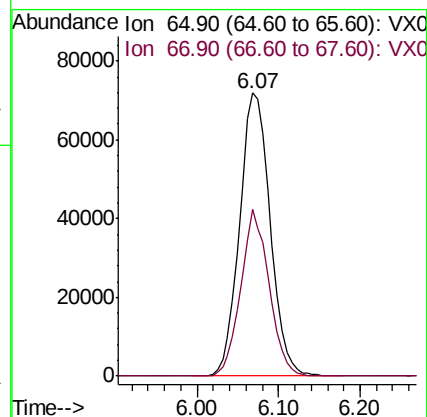
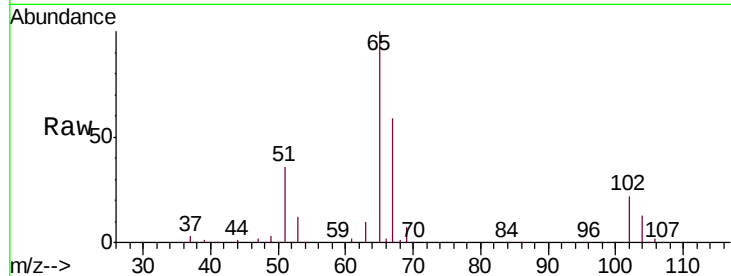
67 54.7 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

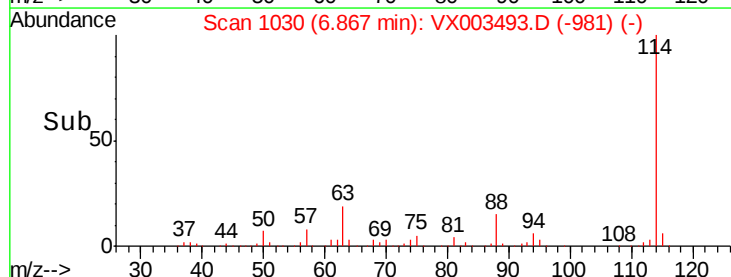
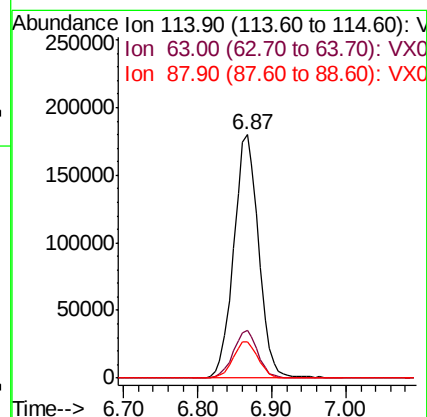
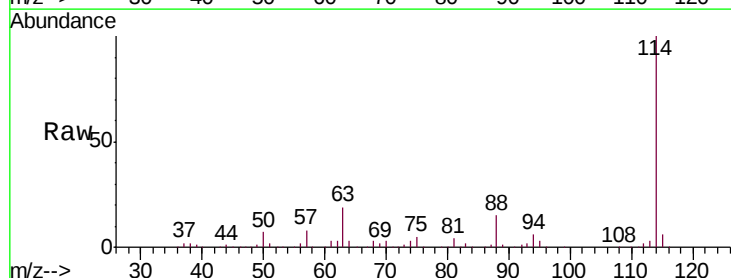
Tgt Ion: 114 Resp: 421756

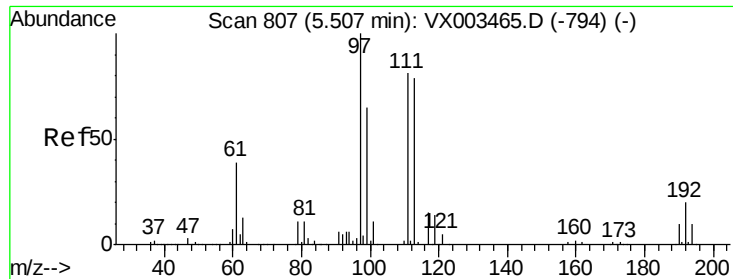
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

88 14.9 0.0 30.0





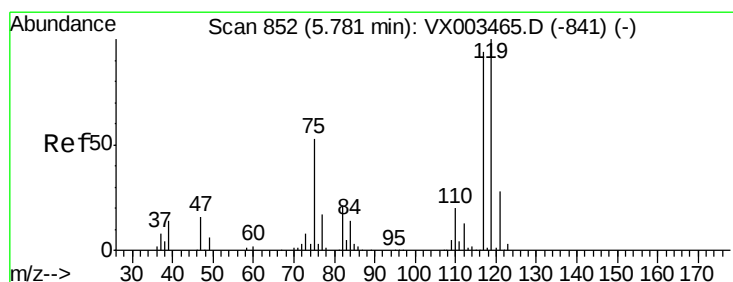
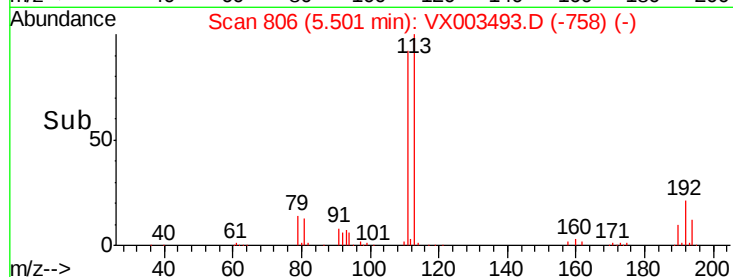
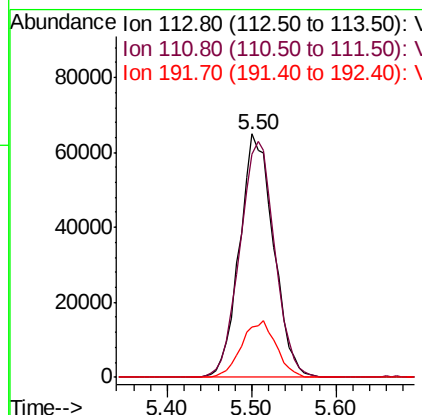
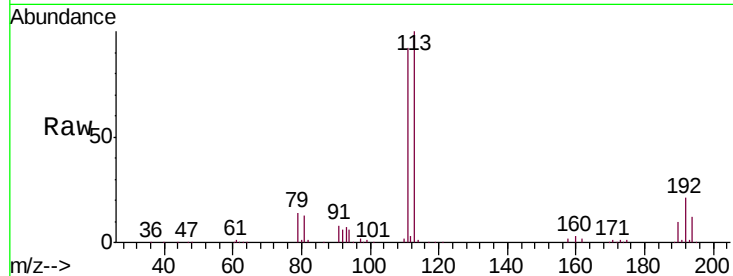
#35
Dibromofluoromethane
Concen: 55.084 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tot Ion	Ratio	Resp	Lower	Upper
113	100	176951		
111	99.7	81.4	122.0	
192	23.7	19.1	28.7	

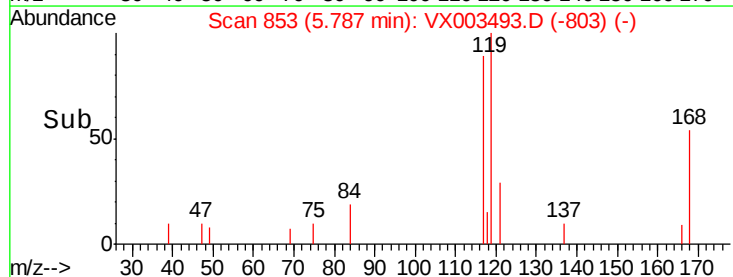
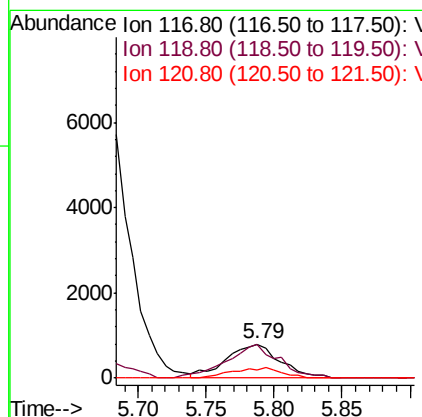
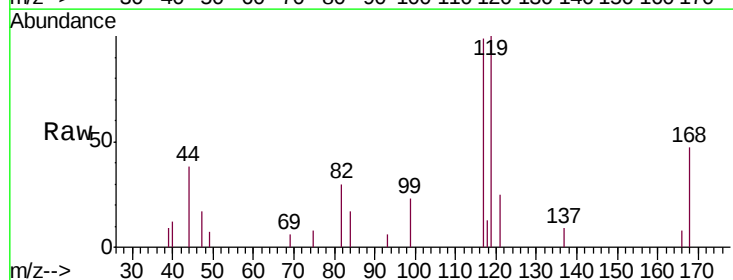
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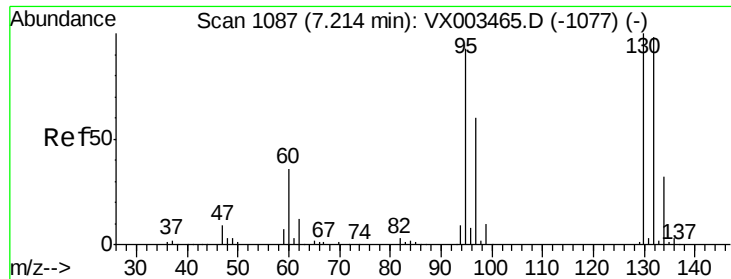
sam
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#38
Carbon Tetrachloride
Concen: 0.494 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	2207		
119	100.5	77.4	116.0	
121	25.3	24.4	36.6	





#44

Trichloroethene

Concen: 664.571 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

Instrument :

MSVOA_X

ClientSampled :

GW02-071118

Tot Ion:130 Resp: 2724795

Ion Ratio Lower Upper

130 100

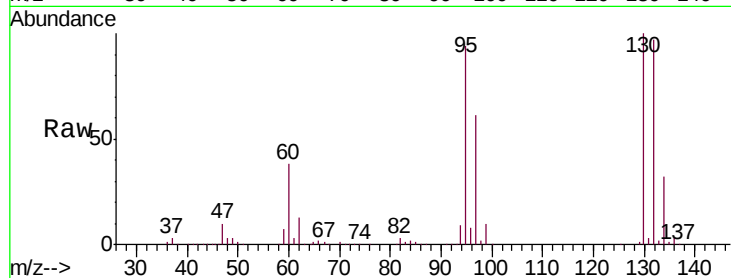
95 94.3 0.0 185.4

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

1500000 Ion 94.90 (94.60 to 95.60): VX0

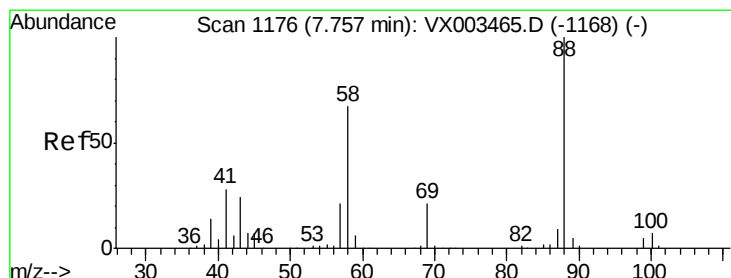
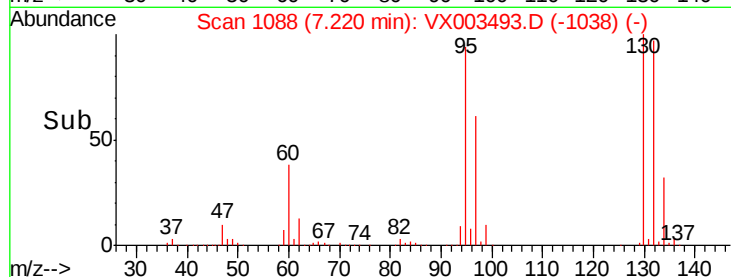
7.22

1000000

500000

0

Time-->



#49

1,4-Dioxane

Concen: 29.443 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

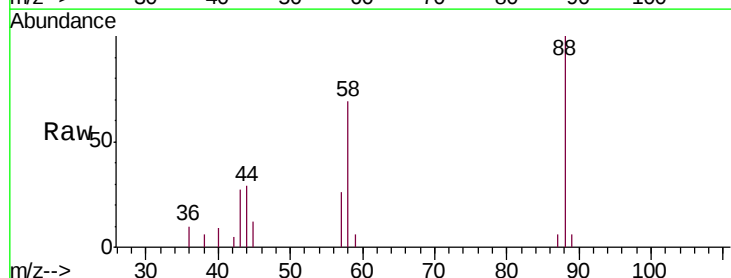
Tgt Ion: 88 Resp: 2306

Ion Ratio Lower Upper

88 100

43 38.7 29.8 44.6

58 71.3 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

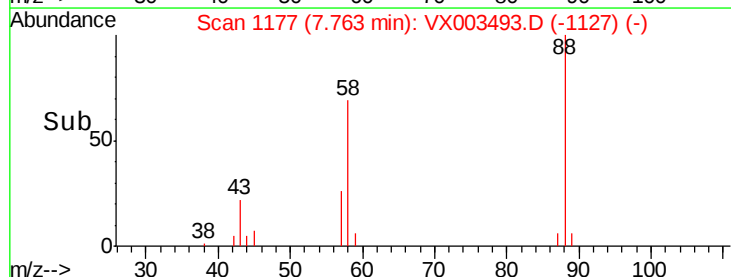
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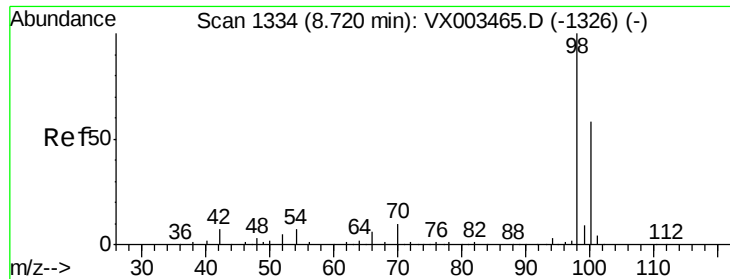
1000

500

0

Time-->





#50

Toluene-d8

Concen: 51.749 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

Instrument :

MSVOA_X

ClientSampled :

GW02-071118

Tot Ion: 98 Resp: 624832

Ion Ratio Lower Upper

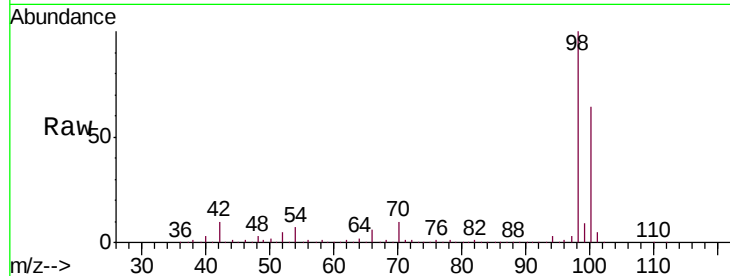
98 100

100 64.3 50.9 76.3

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

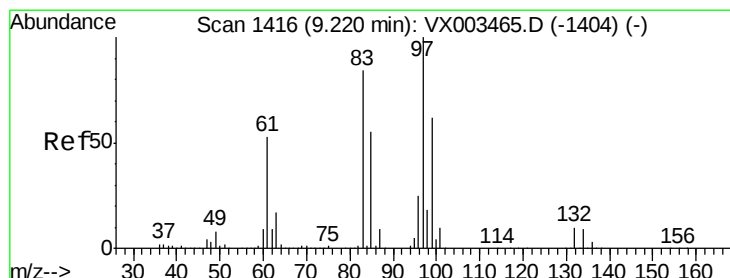
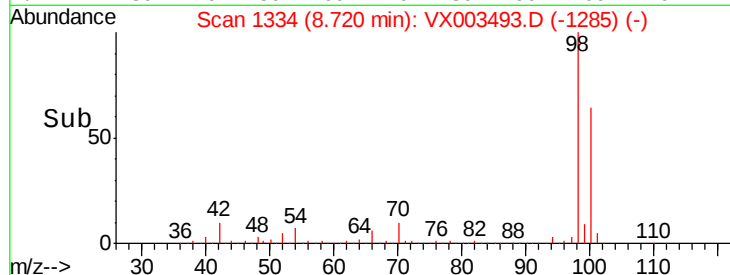
300000

200000

100000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.943 ug/l m

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

Tgt Ion: 97 Resp: 3246

Ion Ratio Lower Upper

97 100

83 85.3 70.2 105.2

85 44.2 44.9 67.3#

99 59.4 49.8 74.8

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

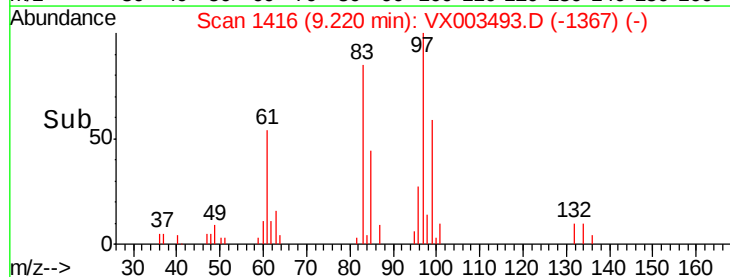
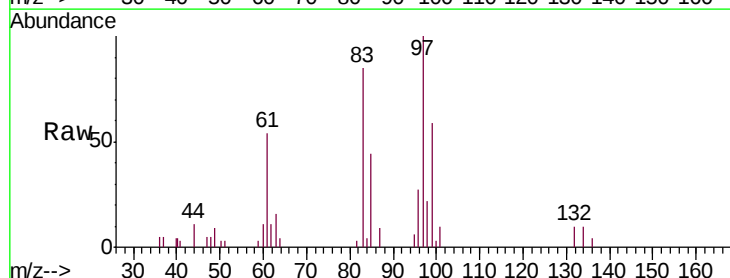
3000

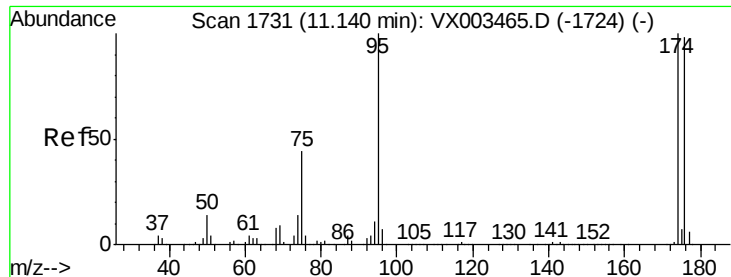
2000

1000

0

Time-->





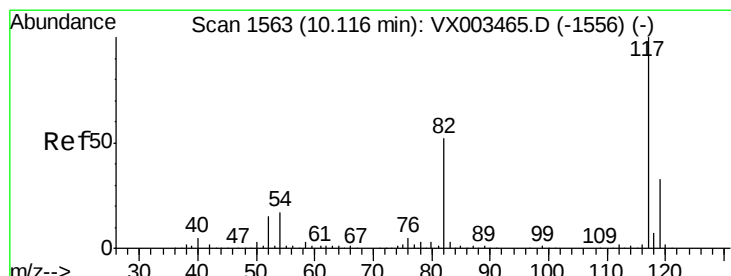
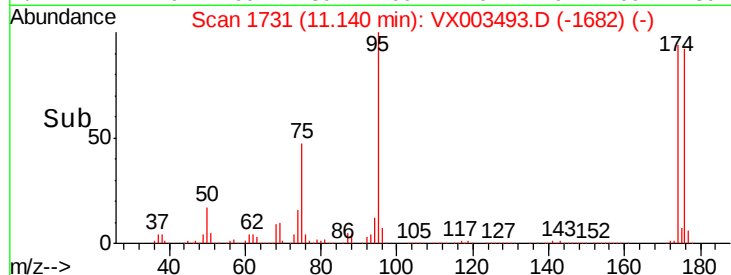
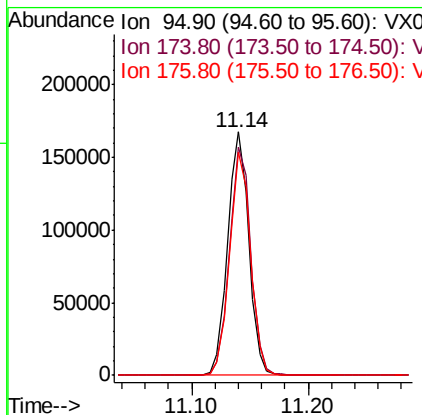
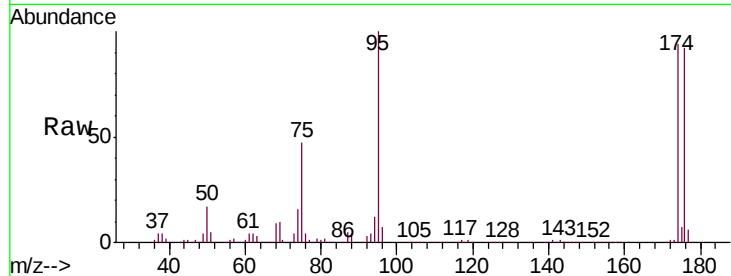
#62
4-Bromofluorobenzene
Concen: 47.857 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tot Ion	Ratio	Resp	Lower	Upper
95	100	210874		
174	95.2	0.0	187.4	
176	91.6	0.0	181.0	

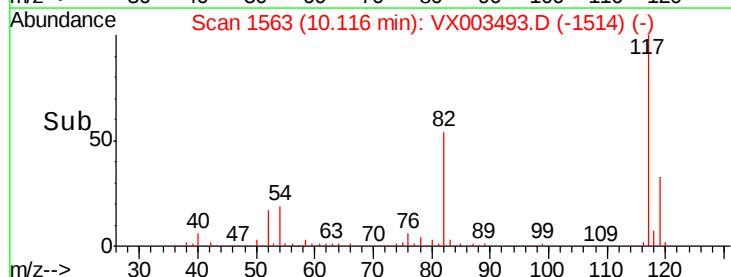
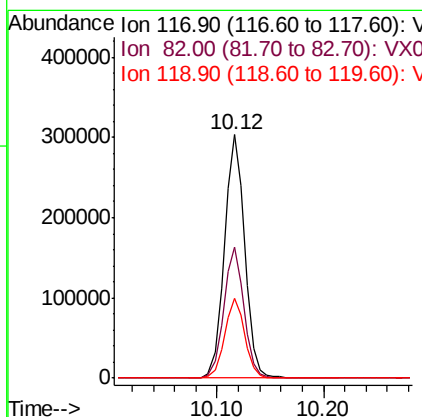
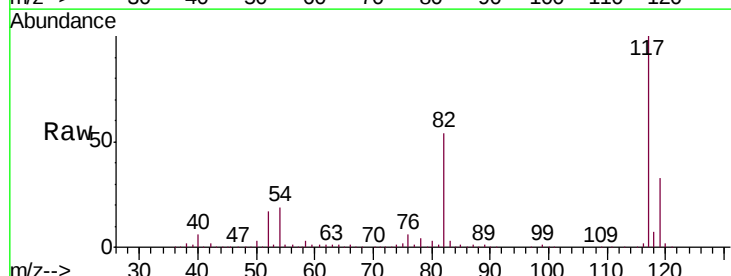
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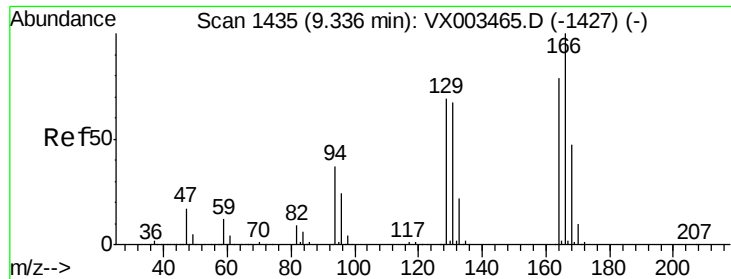
sam
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	405698		
82	54.0	45.0	67.4	
119	33.0	25.8	38.6	





#64

Tetrachloroethene

Concen: 0.441 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

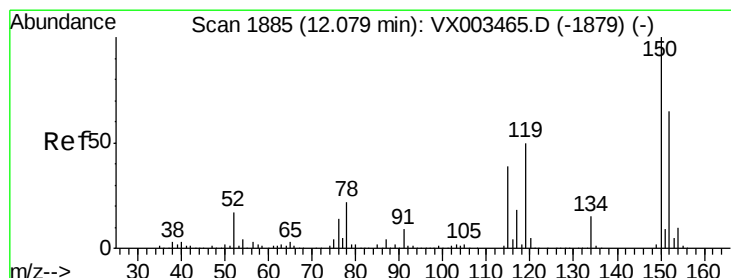
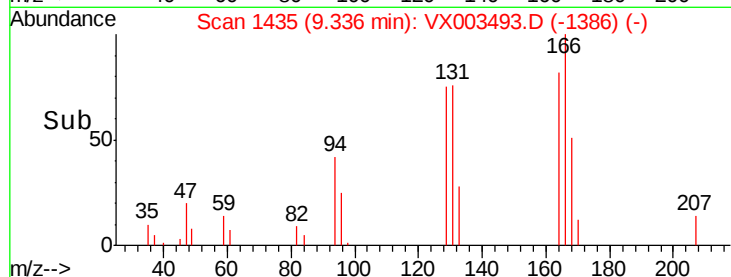
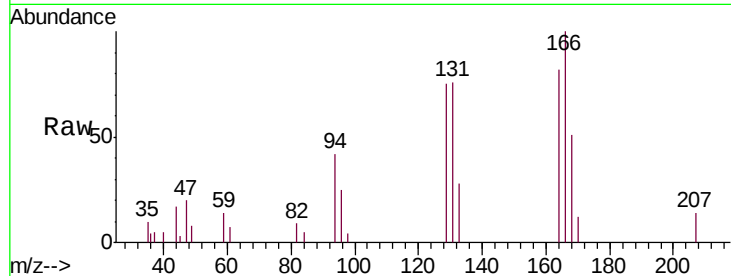
GW02-071118

Tot Ion:	164	Resp:	2180
Ion	Ratio	Lower	Upper
164	100		
166	121.4	102.9	154.3
129	90.8	68.6	102.8
131	92.6	66.8	100.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003493.D

Acq: 20 Jul 2018 04:58

Tgt Ion:	152	Resp:	225899
Ion	Ratio	Lower	Upper
152	100		
115	53.8	40.1	120.2
150	155.3	0.0	347.2

