

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004229.D
 Acq On : 23 Aug 2018 16:19
 Operator : JC/MD
 Sample : J4295-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 11:35:48 AM

Quant Time: Aug 24 08:29:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	490802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	435302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	266654	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	206439	50.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.44%	
35) Dibromofluoromethane	5.50	113	176840	48.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.86%	
50) Toluene-d8	8.71	98	688048	49.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	256673	49.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.29	56	5361m	25.38	ug/l	
16) Acetone	2.45	43	161873	91.34	ug/l	98
25) 2-Butanone	4.71	43	48519	14.94	ug/l	98
39) Methylcyclohexane	7.46	83	6749	1.07	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	30699	5.07	ug/l	100
59) 2-Hexanone	9.50	43	7924	1.71	ug/l	94
67) Ethyl Benzene	10.25	91	21900	1.23	ug/l	94
68) m/p-Xylenes	10.36	106	26644	3.84	ug/l	99
69) o-Xylene	10.70	106	8051	1.23	ug/l	92
78) n-propylbenzene	11.36	91	6252	0.31	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	8652	0.60	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	26792	1.80	ug/l	92
95) Naphthalene	13.83	128	17038	0.98	ug/l	99

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

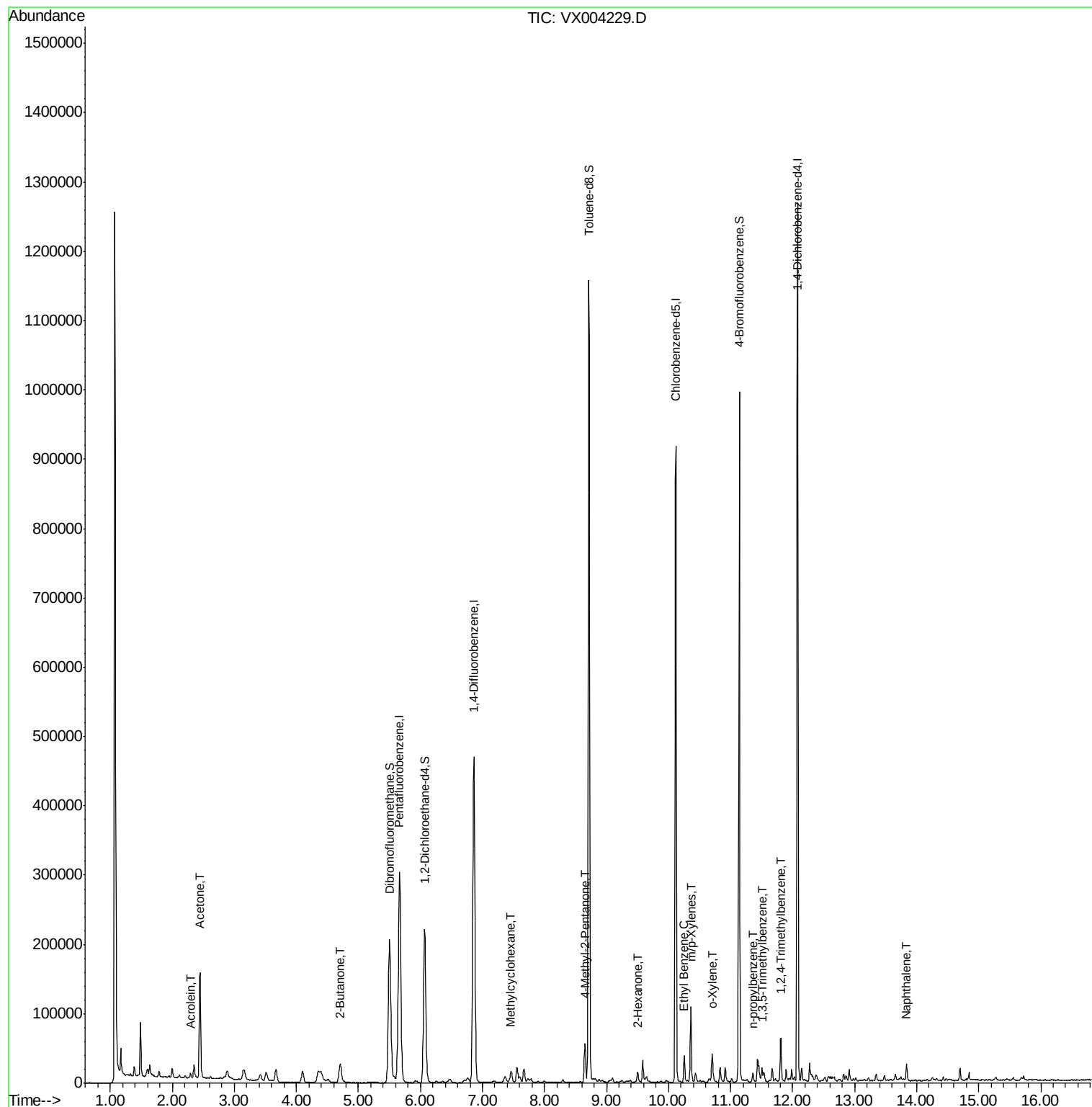
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004229.D
Acq On : 23 Aug 2018 16:19
Operator : JC/MD
Sample : J4295-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

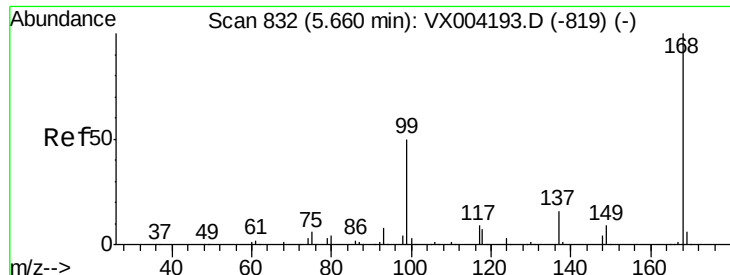
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

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Quant Time: Aug 24 08:29:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA_X

ClientSampled :

OUTFALL

Tot Ion:168 Resp: 315396

Ion Ratio Lower Upper

168 100

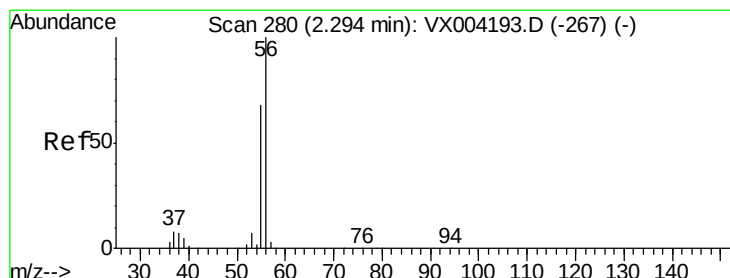
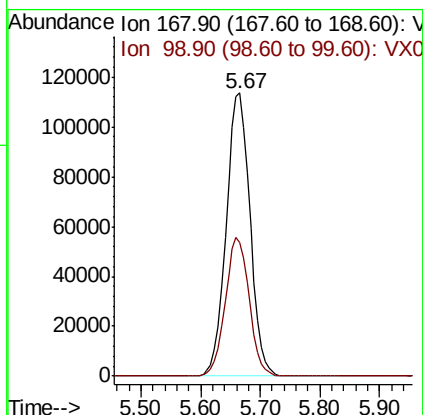
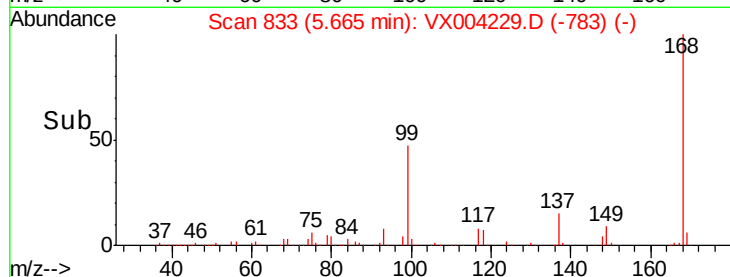
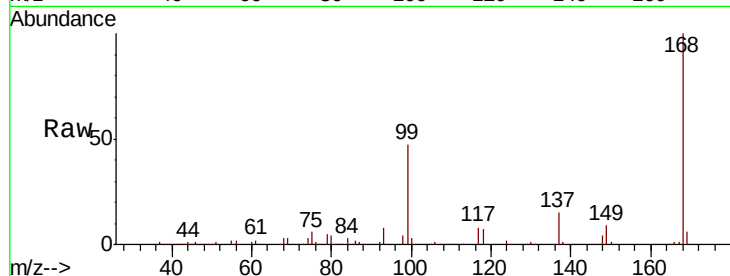
99 47.4 39.9 59.9

Manual Integrations

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#13

Acrolein

Concen: 25.38 ug/l m

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004229.D

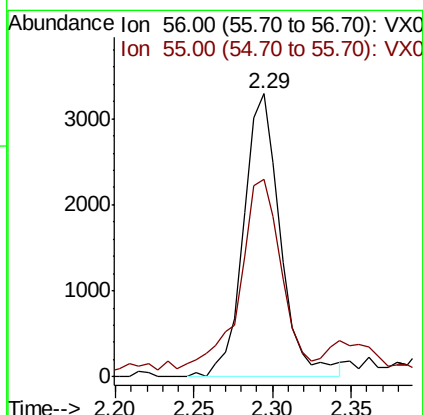
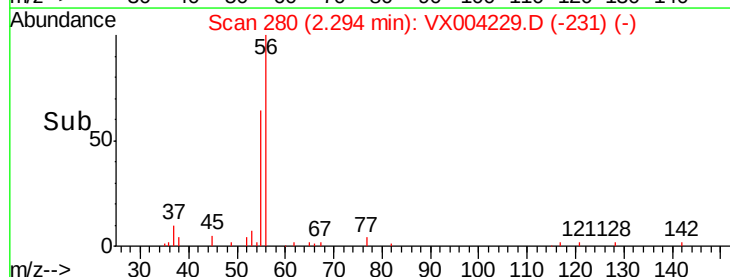
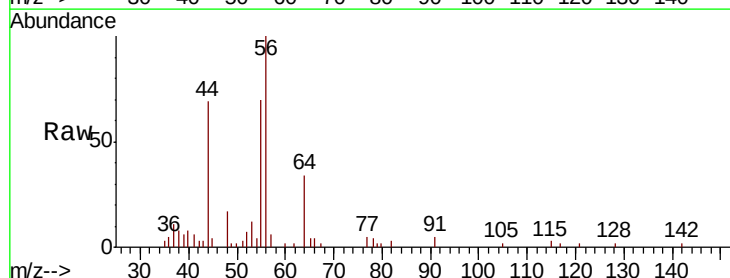
Acq: 23 Aug 2018 16:19

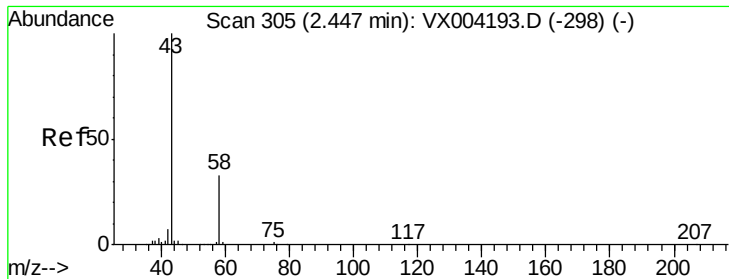
Tgt Ion: 56 Resp: 5361

Ion Ratio Lower Upper

56 100

55 0.0 54.7 82.1#





#16

Acetone

Concen: 91.34 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA_X

ClientSampled :

OUTFALL

Tot Ion: 43 Resp: 161873

Ion Ratio Lower Upper

43 100

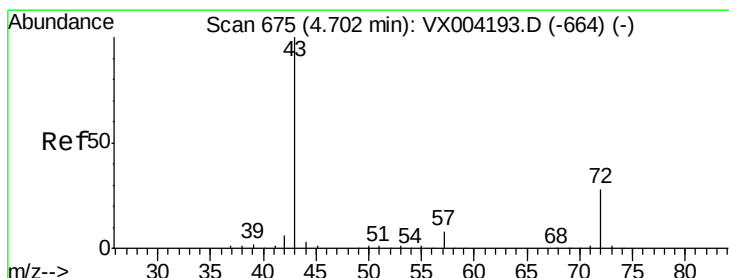
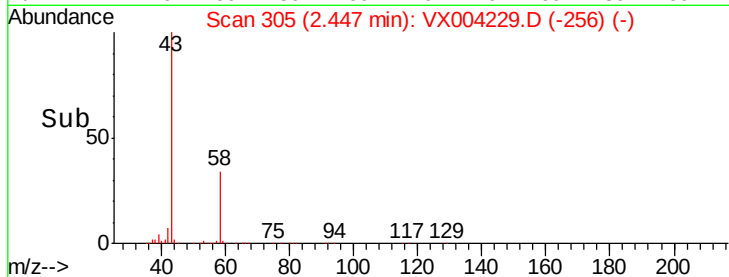
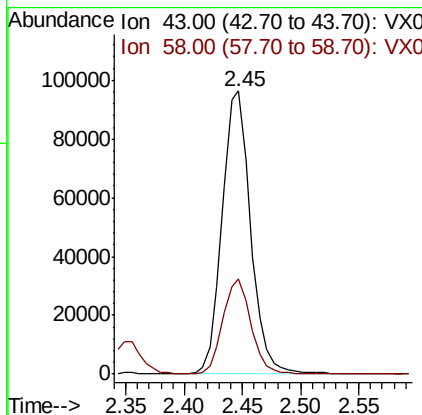
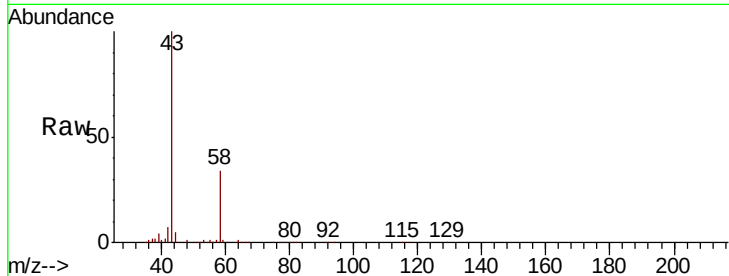
58 33.8 26.2 39.4

Manual Integrations

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#25

2-Butanone

Concen: 14.94 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004229.D

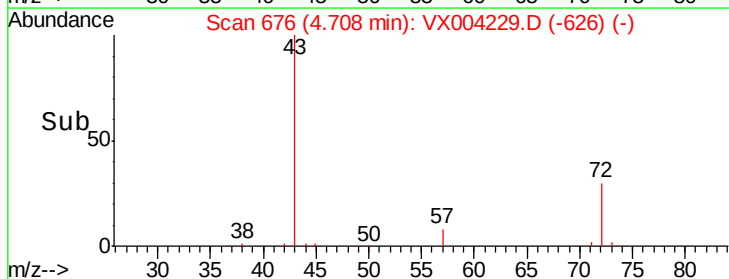
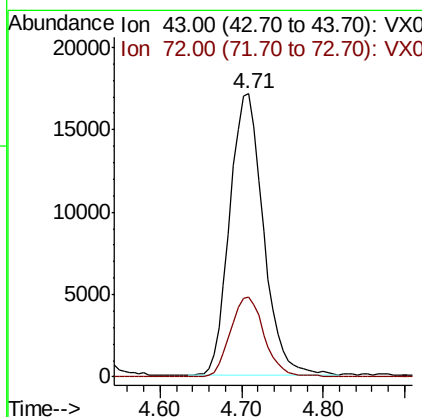
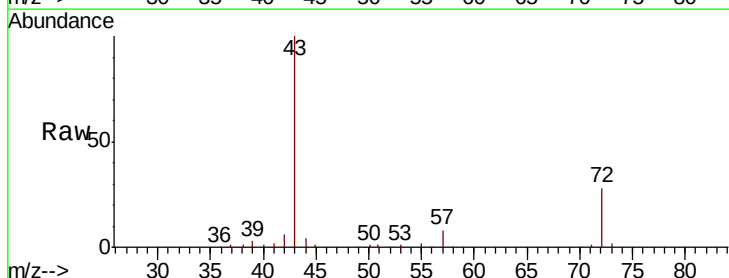
Acq: 23 Aug 2018 16:19

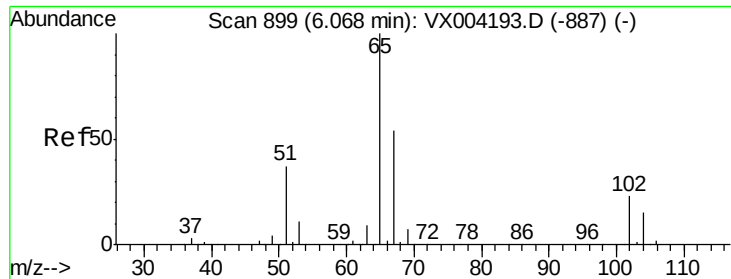
Tgt Ion: 43 Resp: 48519

Ion Ratio Lower Upper

43 100

72 28.6 22.0 33.0





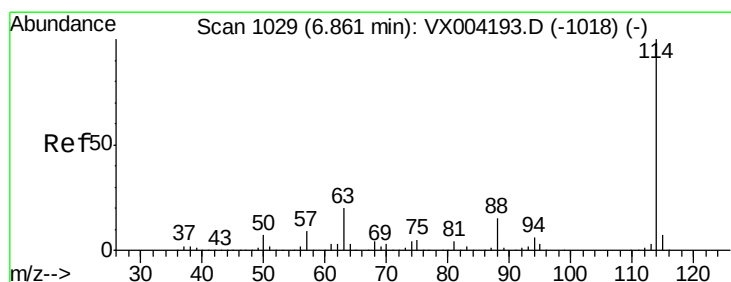
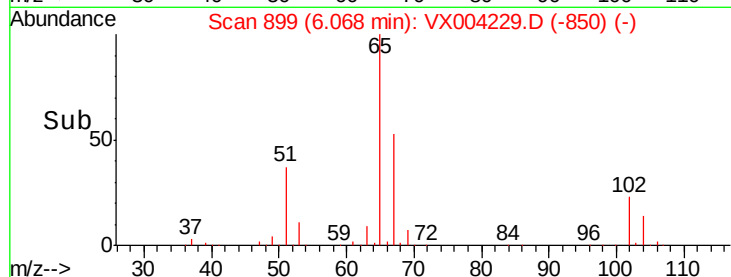
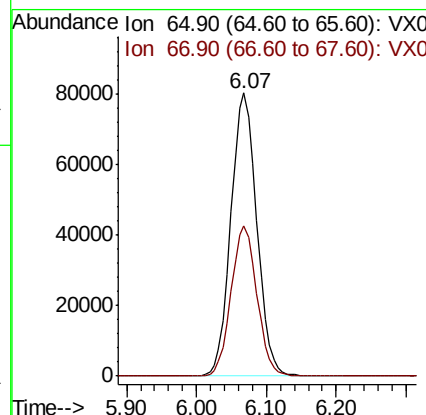
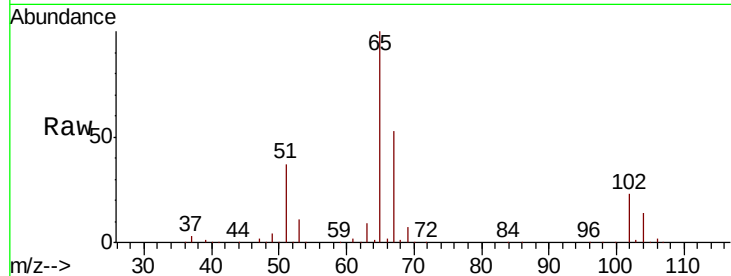
#33
 1,2-Dichloroethane-d4
 Concen: 50.22 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004229.D
 Acq: 23 Aug 2018 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	206439		
67	52.9	0.0	106.8	

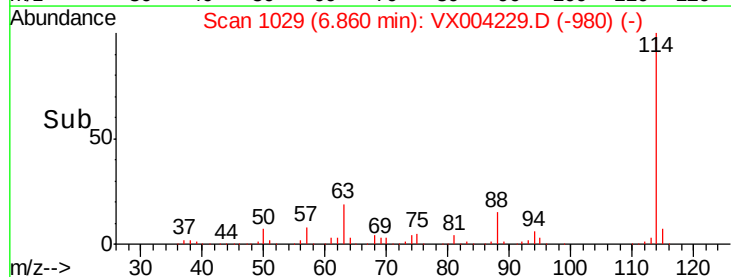
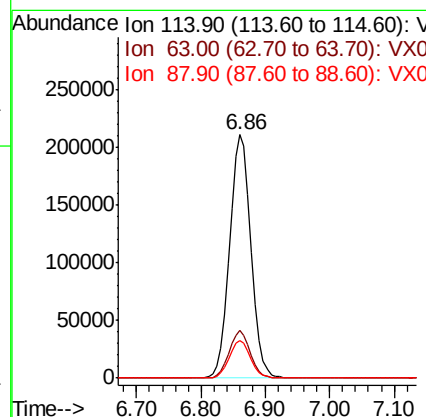
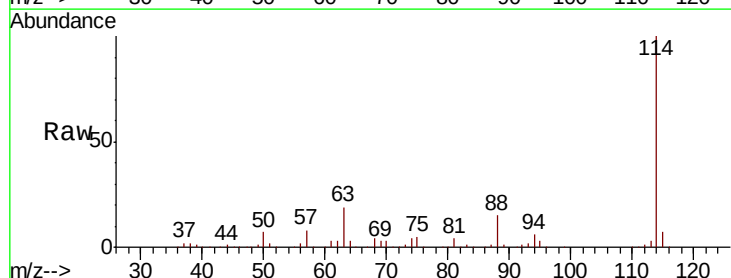
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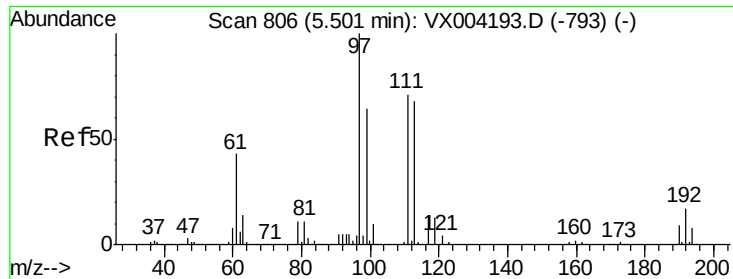
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004229.D
 Acq: 23 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	490802		
63	19.5	0.0	39.0	
88	15.2	0.0	30.4	





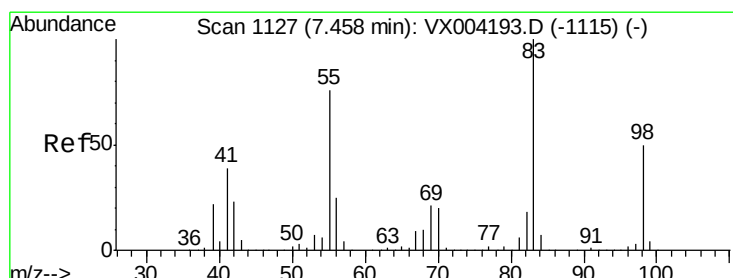
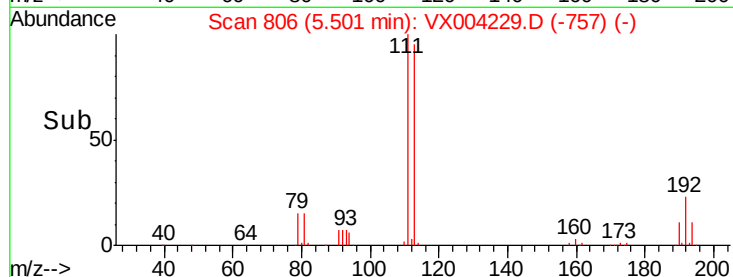
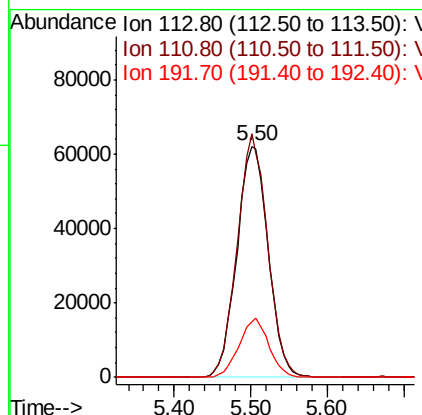
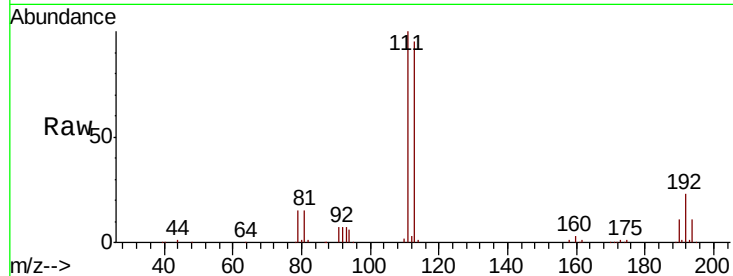
#35
Dibromofluoromethane
Concen: 48.43 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004229.D
Acq: 23 Aug 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	176840		
111	102.1	82.4	123.6	
192	24.2	19.4	29.2	

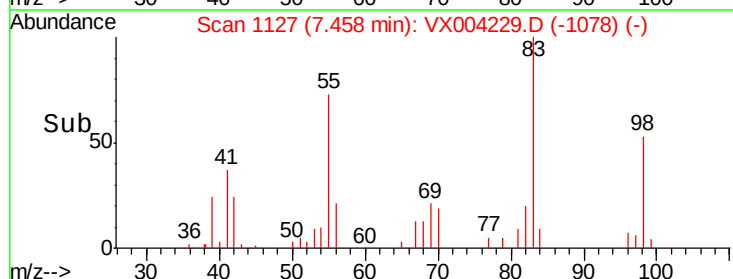
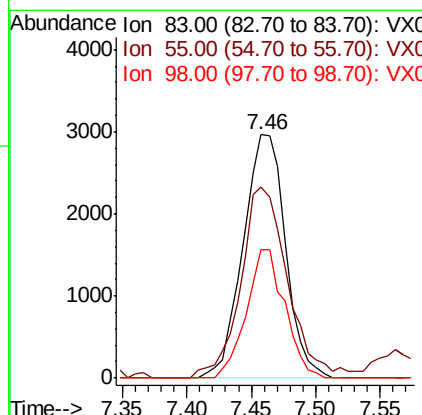
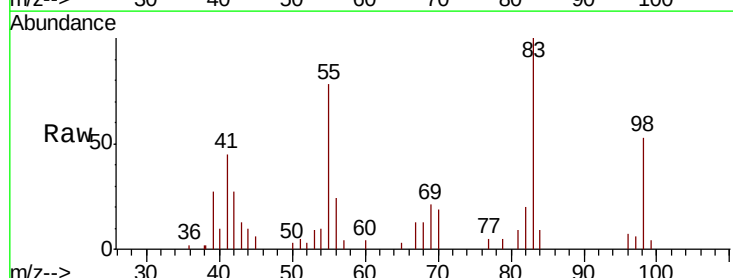
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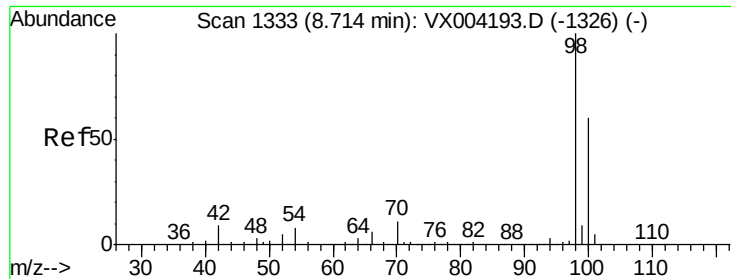
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#39
Methylcyclohexane
Concen: 1.07 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004229.D
Acq: 23 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	6749		
55	78.4	61.0	91.4	
98	52.8	39.6	59.4	





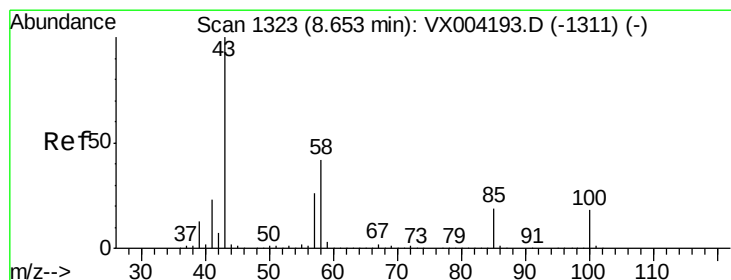
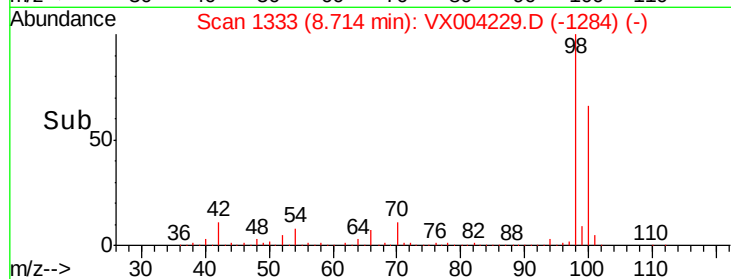
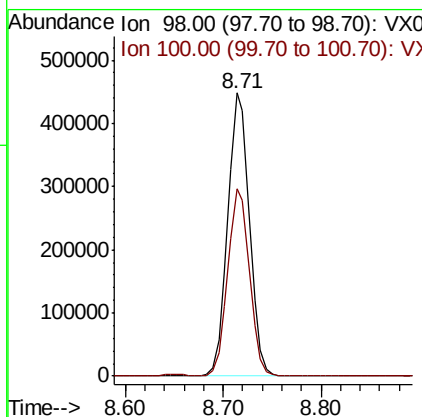
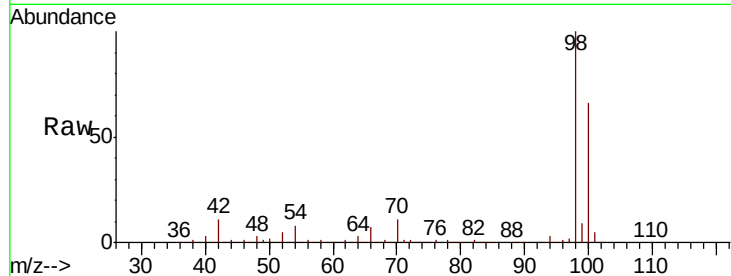
#50
Toluene-d8
Concen: 49.92 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004229.D
Acq: 23 Aug 2018 16:19

Instrument :
MSVOA_X
ClientSampled :
OUTFALL

Tot Ion: 98 Resp: 688048
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3

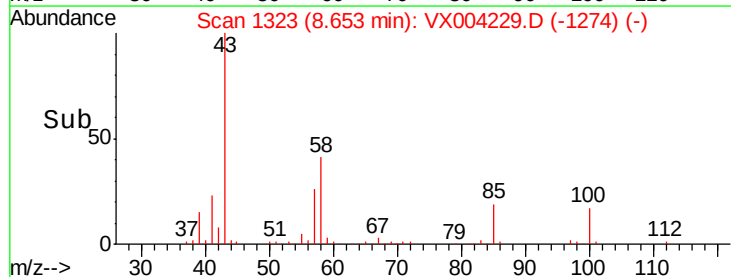
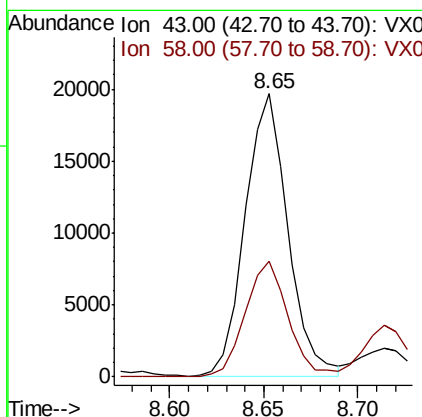
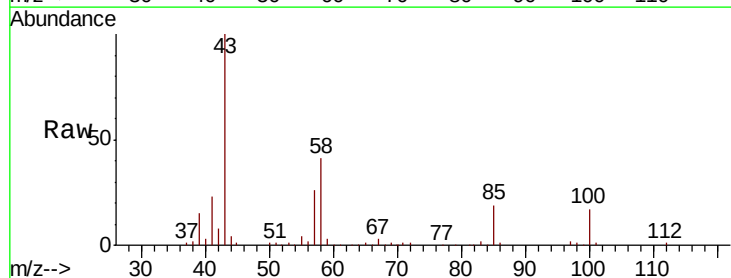
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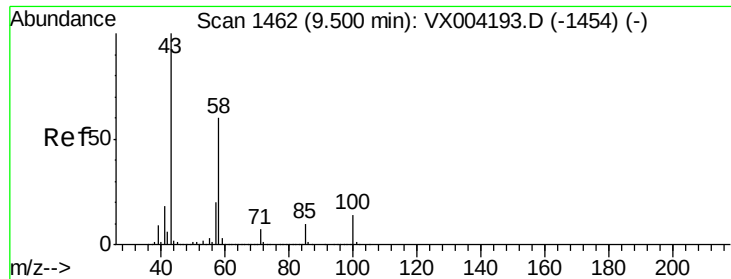
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#51
4-Methyl-2-Pentanone
Concen: 5.07 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004229.D
Acq: 23 Aug 2018 16:19

Tgt Ion: 43 Resp: 30699
Ion Ratio Lower Upper
43 100
58 41.4 33.1 49.7





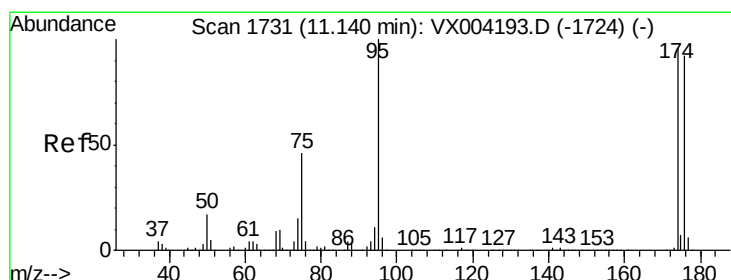
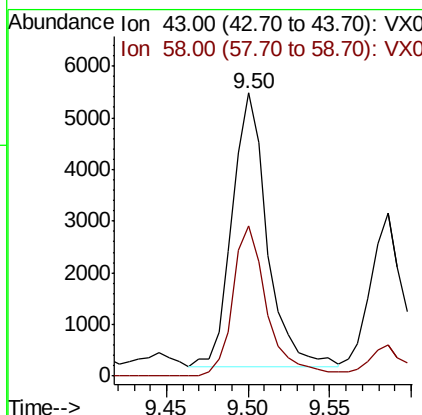
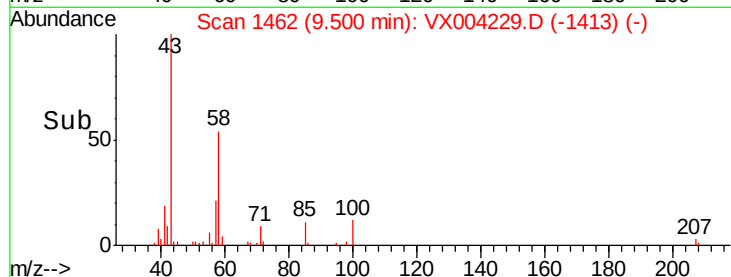
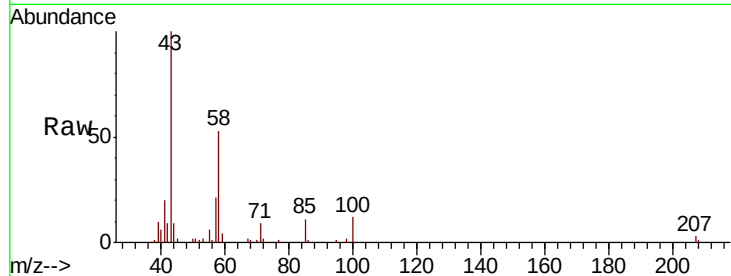
#59
2-Hexanone
Concen: 1.71 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004229.D
Acq: 23 Aug 2018 16:19

Instrument :
MSVOA_X
ClientSampled :
OUTFALL

Tot Ion: 43 Resp: 7924
Ion Ratio Lower Upper
43 100
58 53.9 29.0 87.0

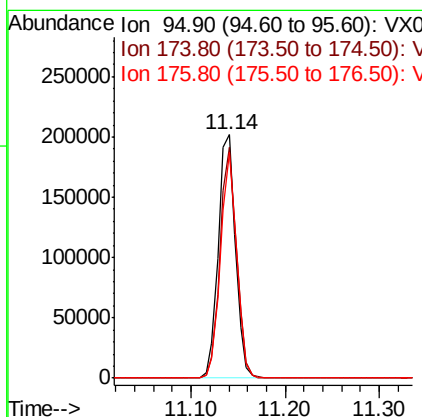
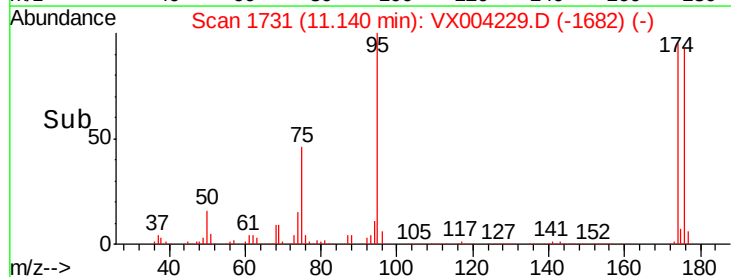
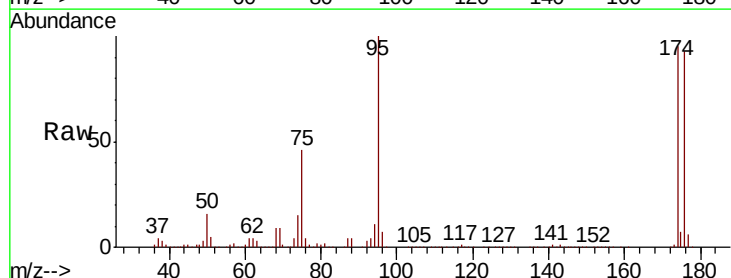
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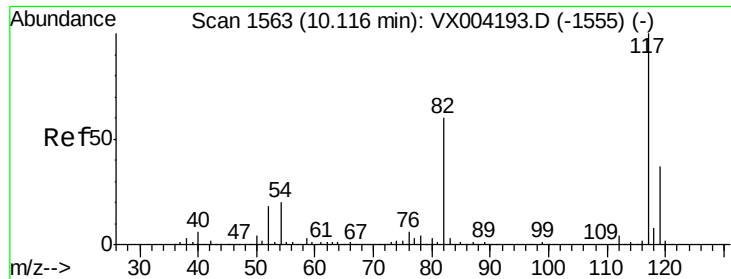
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#62
4-Bromofluorobenzene
Concen: 49.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004229.D
Acq: 23 Aug 2018 16:19

Tgt Ion: 95 Resp: 256673
Ion Ratio Lower Upper
95 100
174 91.3 0.0 185.2
176 87.5 0.0 178.6





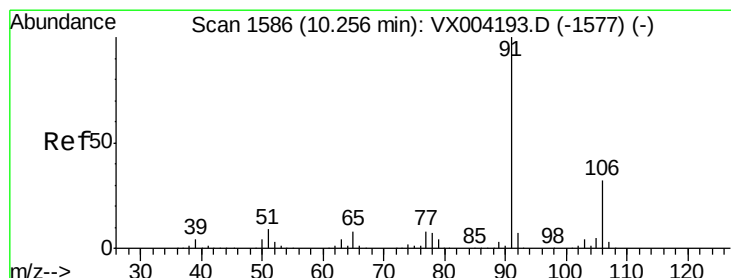
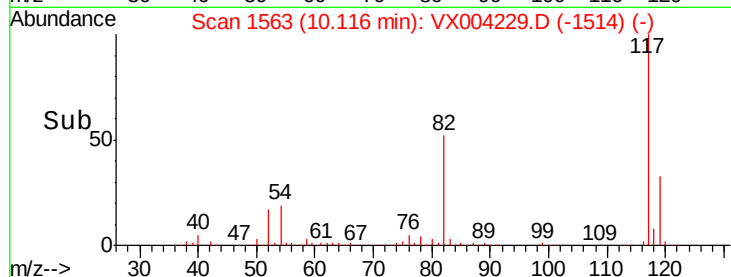
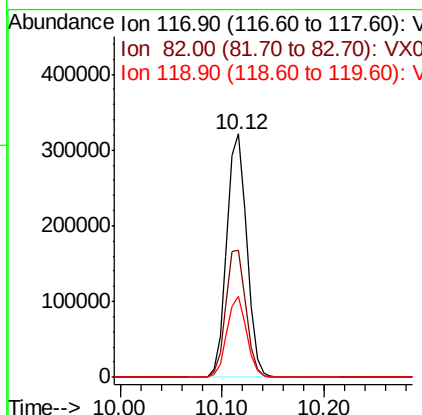
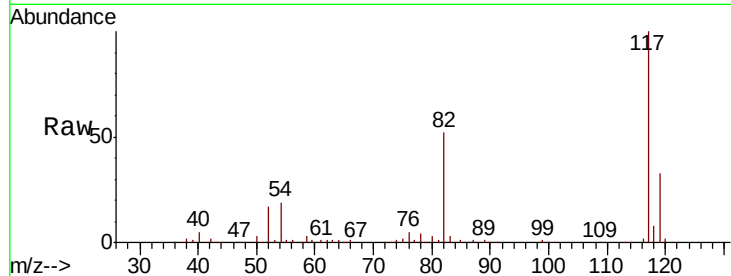
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004229.D
Acq: 23 Aug 2018 16:19

Instrument :
MSVOA_X
ClientSampled :
OUTFALL

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	47.8	71.6
119	33.1	29.3	43.9

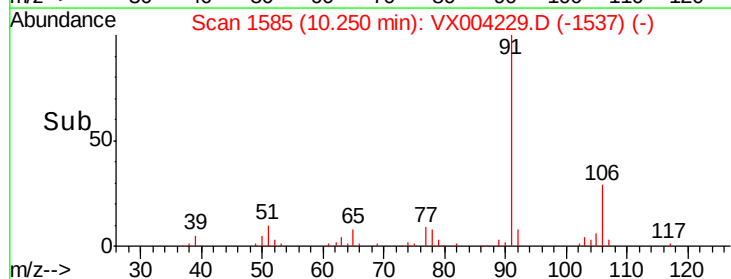
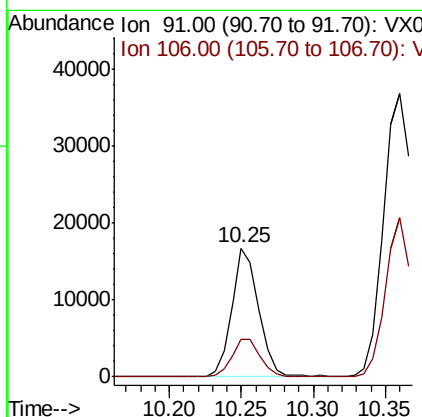
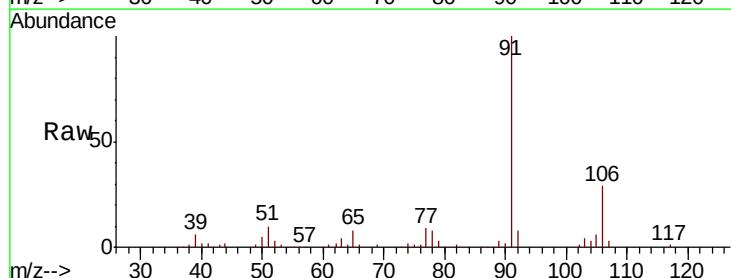
Manual Integrations
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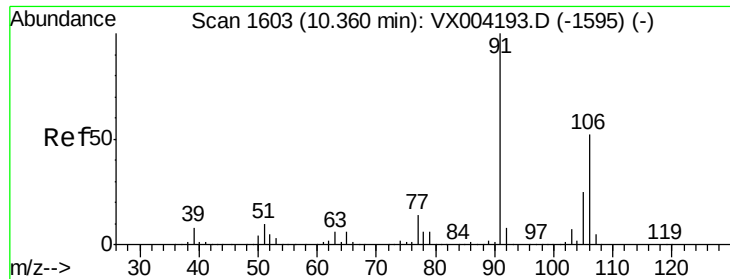
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#67
Ethyl Benzene
Concen: 1.23 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004229.D
Acq: 23 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.9	25.9	38.9





#68

m/p-Xylenes

Concen: 3.84 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA_X

ClientSampled :

OUTFALL

Tot Ion:106 Resp: 26644

Ion Ratio Lower Upper

106 100

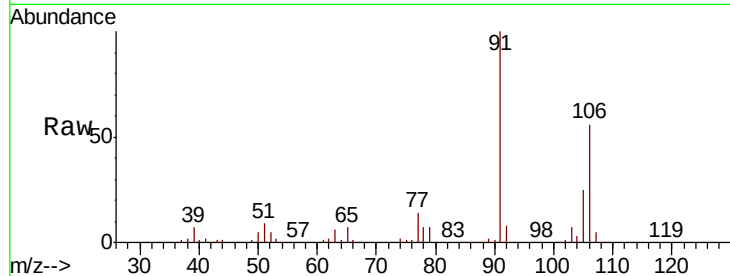
91 195.1 157.1 235.7

Manual Integrations

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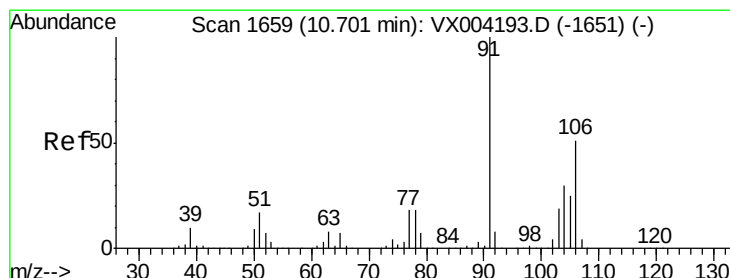
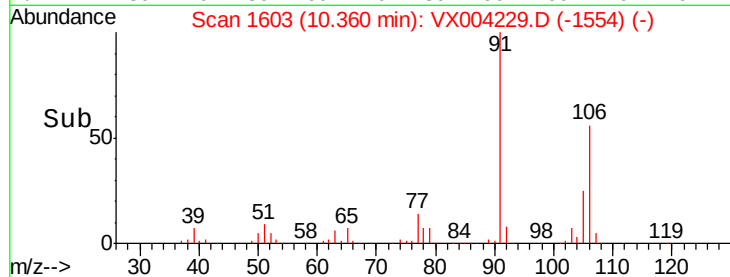
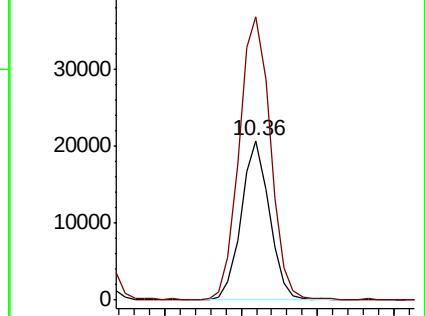
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.23 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004229.D

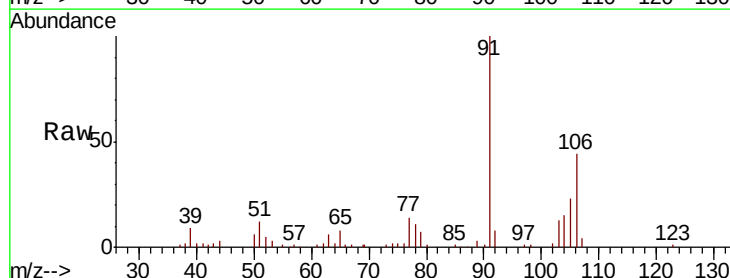
Acq: 23 Aug 2018 16:19

Tgt Ion:106 Resp: 8051

Ion Ratio Lower Upper

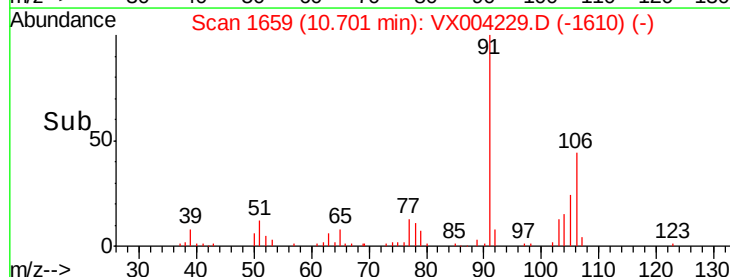
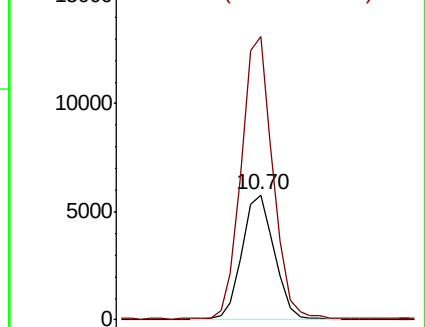
106 100

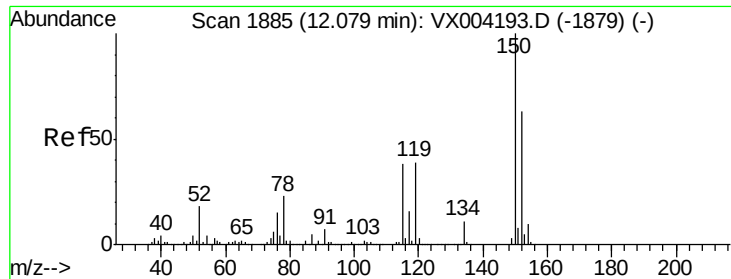
91 222.0 105.1 315.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA_X

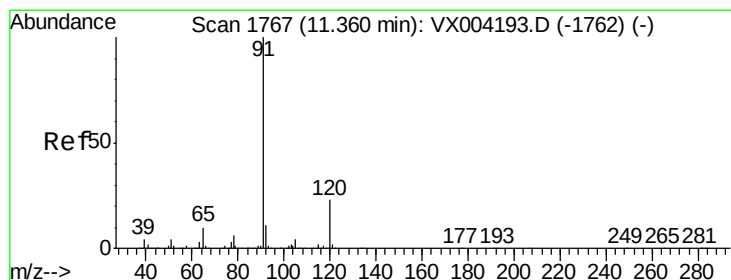
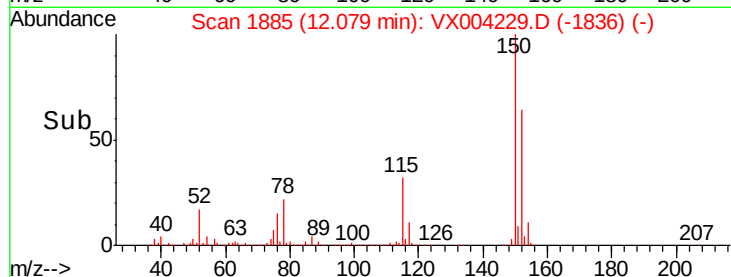
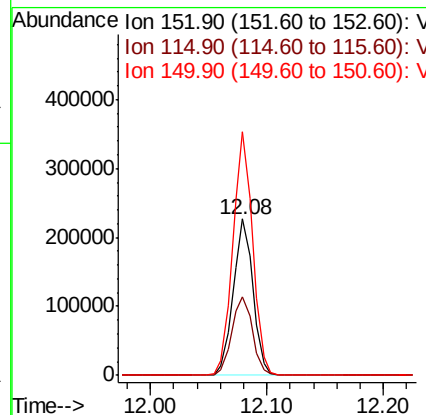
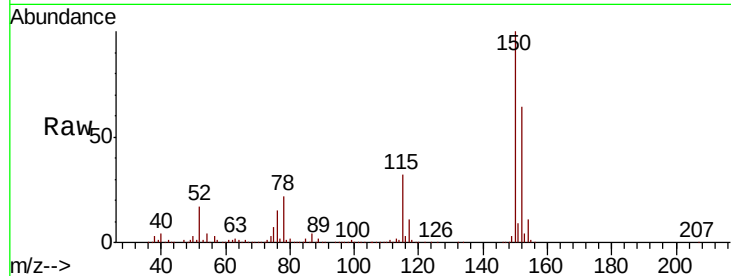
ClientSampled :

OUTFALL

Tot Ion:	152	Resp:	266654
Ion Ratio	Lower	Upper	
152	100		
115	52.6	39.0	117.0
150	156.3	0.0	351.0

Manual Integrations
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#78

n-propylbenzene

Concen: 0.31 ug/l

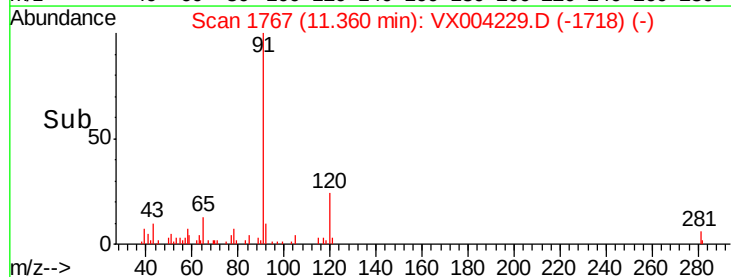
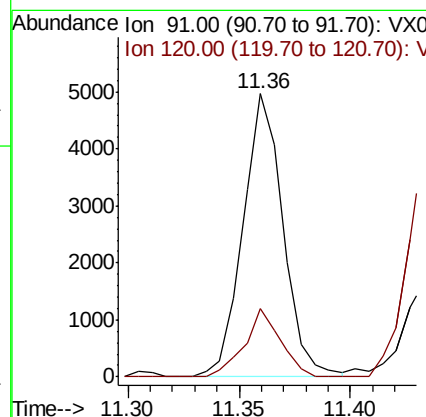
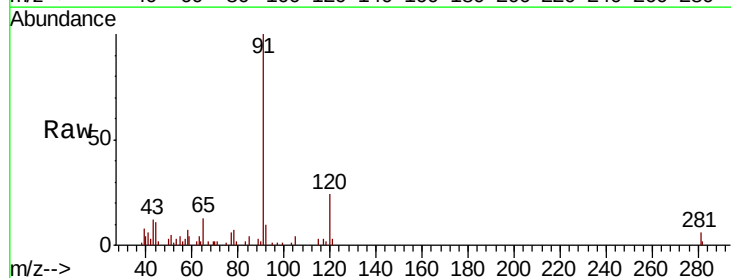
RT: 11.36 min Scan# 1767

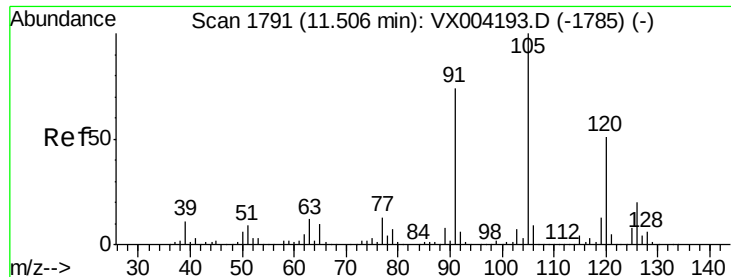
Delta R.T. -0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Tgt Ion:	91	Resp:	6252
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.9	35.9





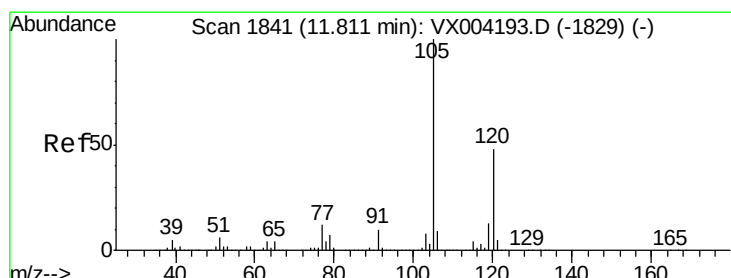
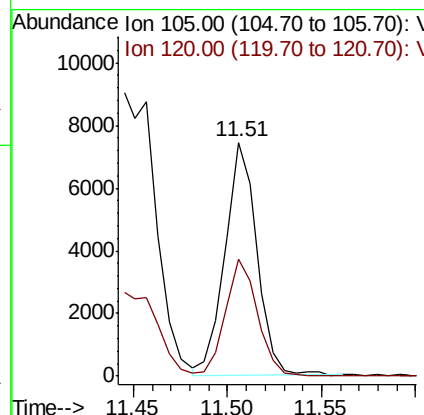
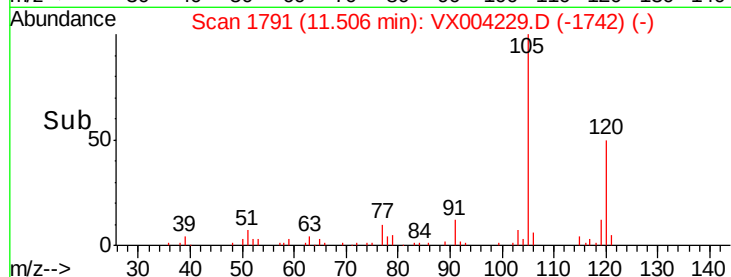
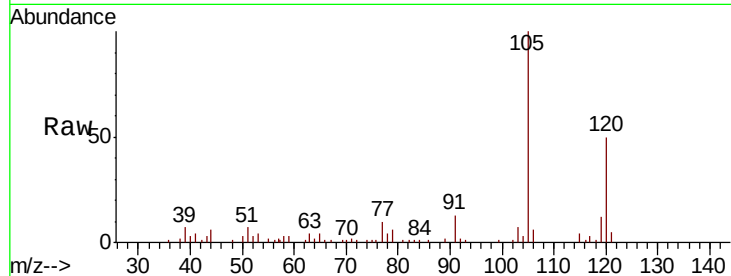
#80
 1,3,5-Trimethylbenzene
 Concen: 0.60 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004229.D
 Acq: 23 Aug 2018 16:19

Instrument :
 MSVOA_X
 ClientSampled :
 OUTFALL

Tot Ion:105 Resp: 8652
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.8

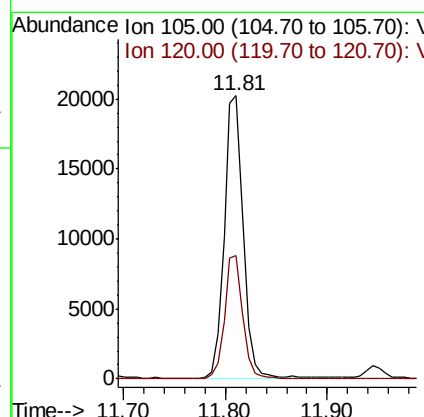
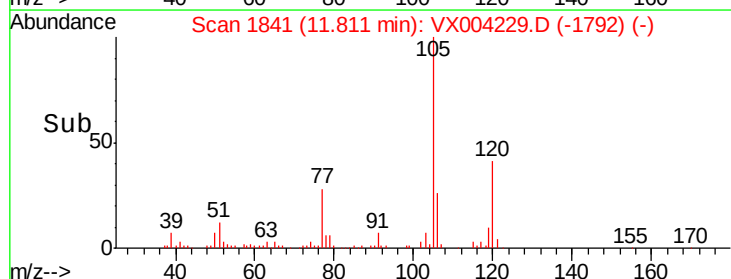
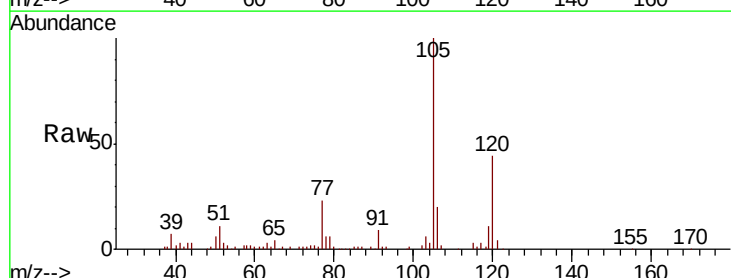
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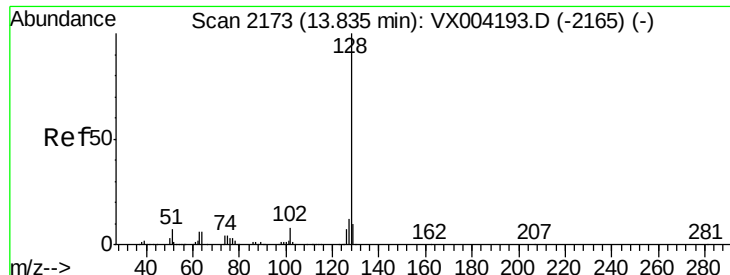
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#84
 1,2,4-Trimethylbenzene
 Concen: 1.80 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004229.D
 Acq: 23 Aug 2018 16:19

Tgt Ion:105 Resp: 26792
 Ion Ratio Lower Upper
 105 100
 120 40.9 23.2 69.6





#95
Naphthalene
Concen: 0.98 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004229.D
Acq: 23 Aug 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	17038		
127	13.2		10.2	15.2
129	10.0		8.6	12.8

Manual Integrations
APPROVED

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8/24/2018 11:35:48 AM

