

Data File : VX002745.D
Acq On : 20 Jun 2018 16:47
Operator : JC/MD
Sample : J3596-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

Manual Integrations
APPROVED

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6/22/2018 8:08:38 AM

Quant Time: Jul 02 05:21:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154163	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
35) Dibromofluoromethane	5.51	113	125445	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.72	98	462695	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.14	95	168817	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	

Target Compounds

						Qvalue
10) Methyl Iodide	2.53	142	2508	5.791	ug/l #	96
16) Acetone	2.45	43	104478	67.878	ug/l	98
18) Methyl Acetate	2.78	43	5837	1.423	ug/l #	90
25) 2-Butanone	4.71	43	30394	15.036	ug/l	100
31) Cyclohexane	5.58	56	1203	0.292	ug/l #	59
39) Methylcyclohexane	7.46	83	2782	0.687	ug/l #	87
40) Benzene	6.15	78	15809	1.523	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	19956	4.786	ug/l	97
59) 2-Hexanone	9.50	43	6352	2.022	ug/l	89
67) Ethyl Benzene	10.26	91	6272	0.494	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	8852	0.856	ug/l	81
95) Naphthalene	13.84	128	50968	4.233	ug/l #	94

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

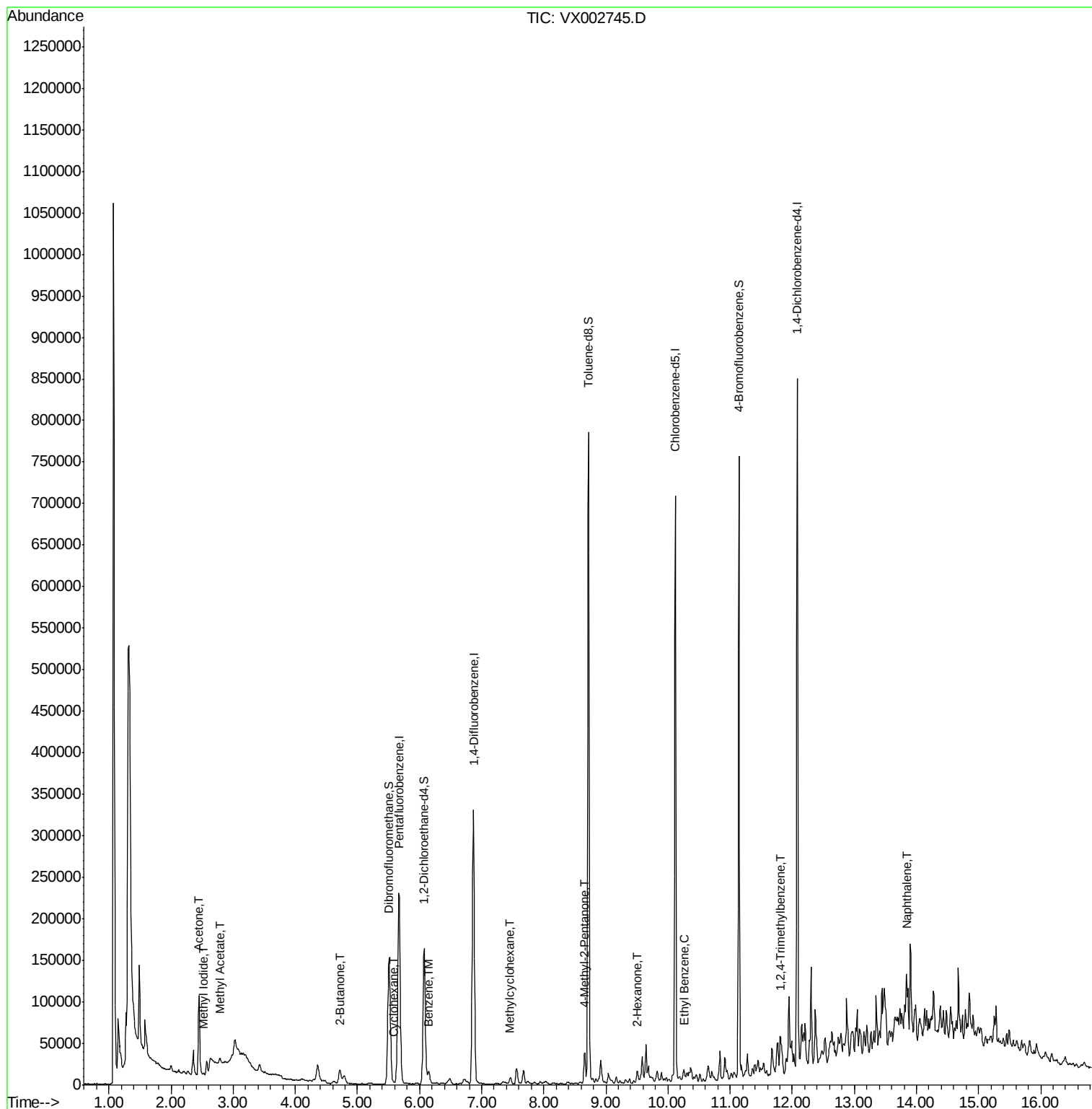
Data File : VX002745.D
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Sample : J3596-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

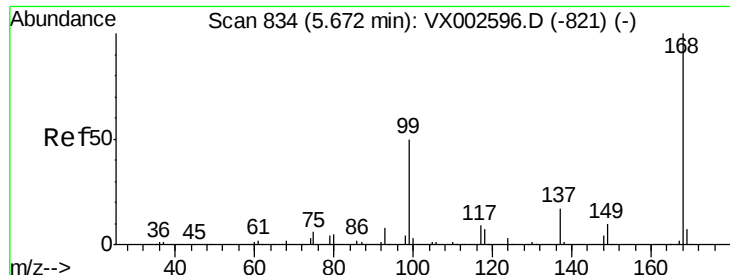
Instrument :
MSVOA_X
ClientSampleId :
MW-25

Manual Integrations
APPROVED

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6/22/2018 8:08:38 AM

Quant Time: Jul 02 05:21:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

ClientSampled :

MW-25

Tgt Ion:168 Resp: 229580

Ion Ratio Lower Upper

168 100

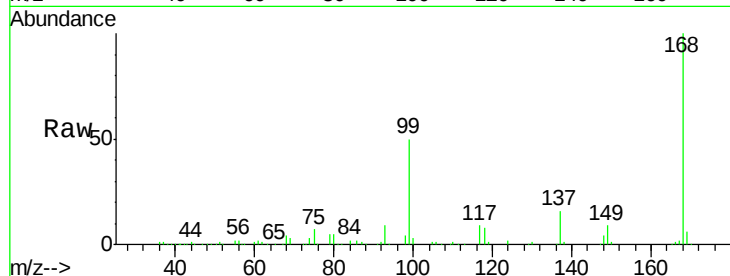
99 50.4 39.3 58.9

Manual Integrations

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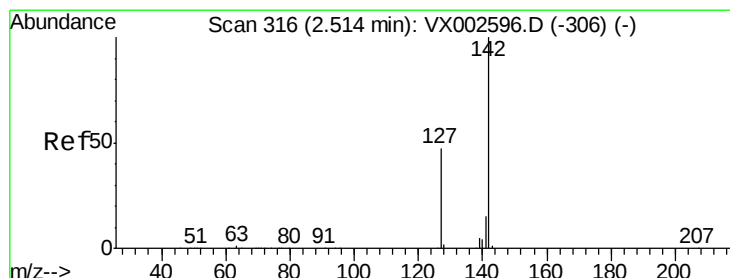
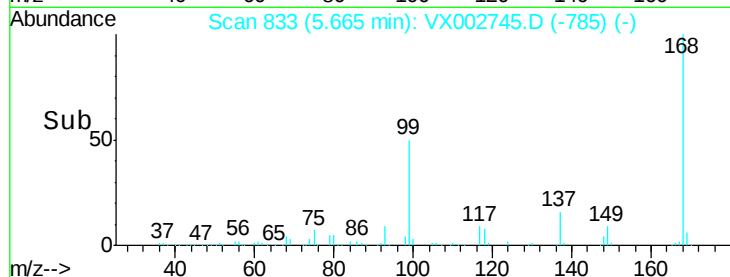
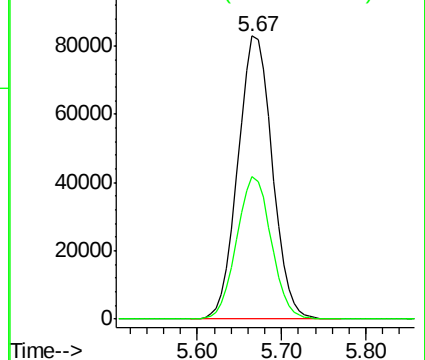
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 5.791 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

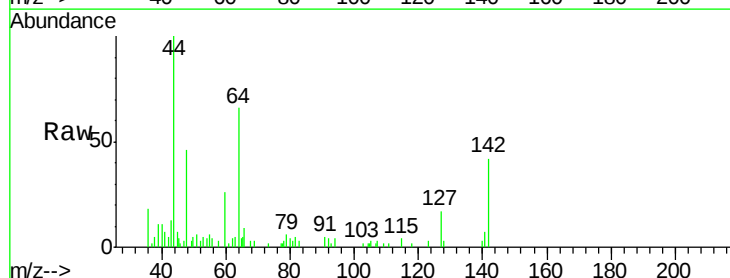
Tgt Ion:142 Resp: 2508

Ion Ratio Lower Upper

142 100

127 45.6 36.6 55.0

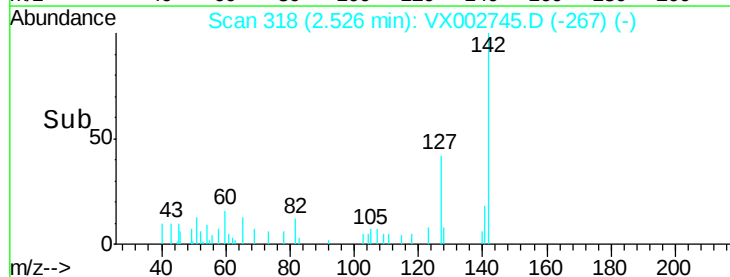
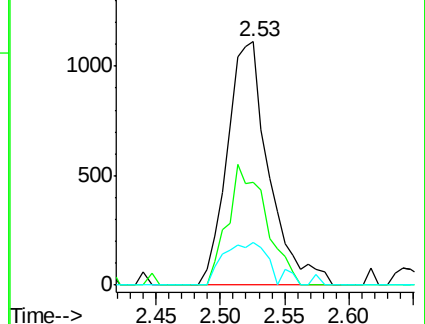
141 19.9 11.3 16.9#

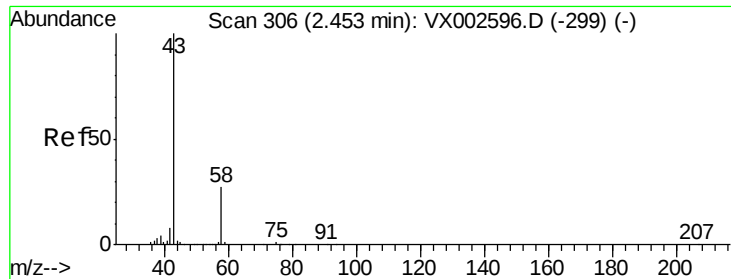


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 67.878 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

ClientSampled :

MW-25

Tgt Ion: 43 Resp: 104478

Ion Ratio Lower Upper

43 100

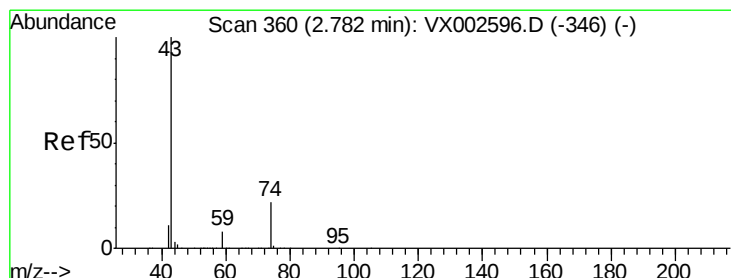
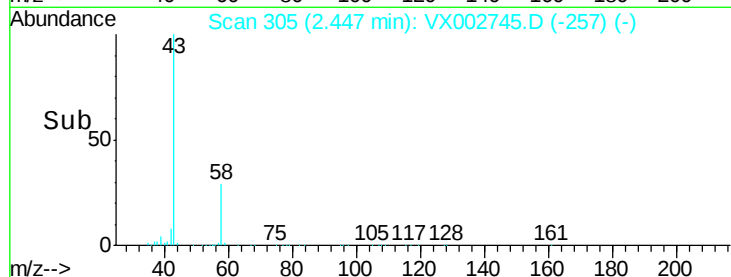
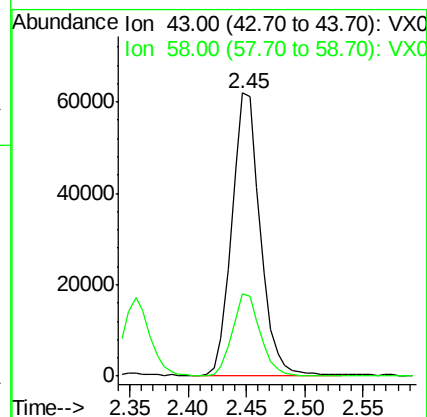
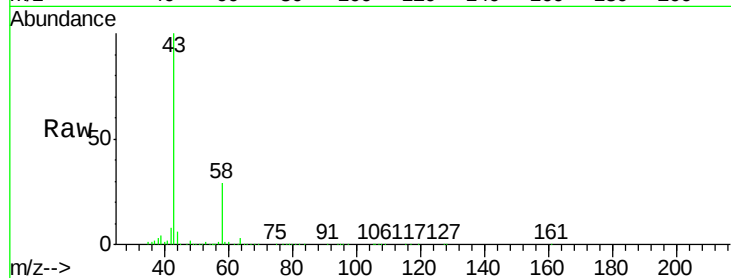
58 28.8 22.1 33.1

Manual Integrations

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#18

Methyl Acetate

Concen: 1.423 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002745.D

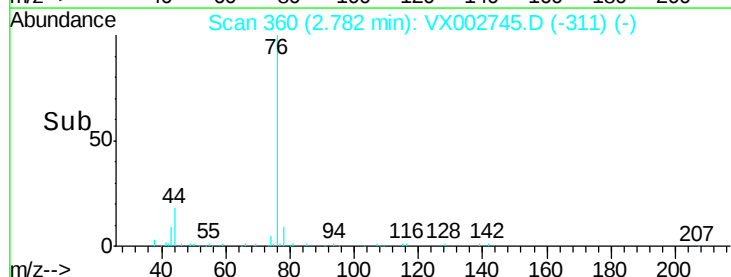
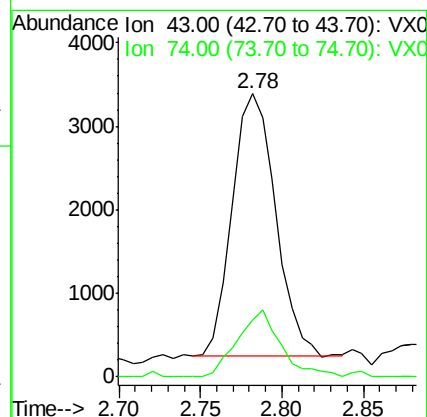
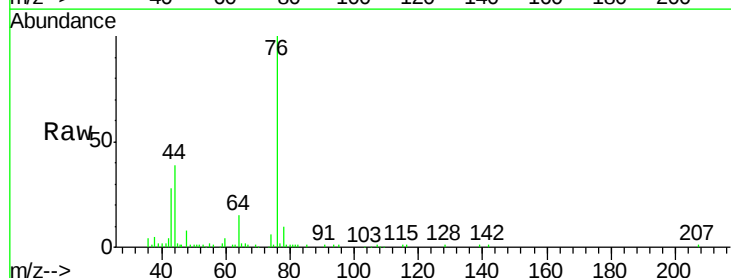
Acq: 20 Jun 2018 16:47

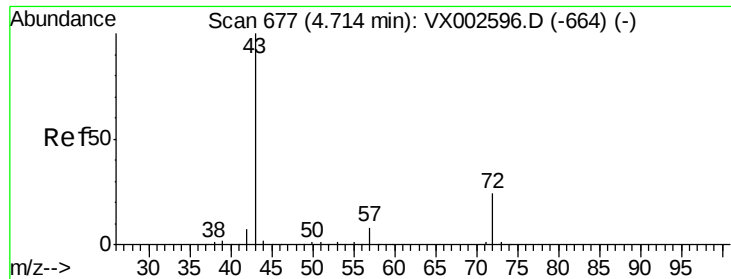
Tgt Ion: 43 Resp: 5837

Ion Ratio Lower Upper

43 100

74 25.5 16.7 25.1#





#25

2-Butanone

Concen: 15.036 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

ClientSampled :

MW-25

Tgt Ion: 43 Resp: 30394

Ion Ratio Lower Upper

43 100

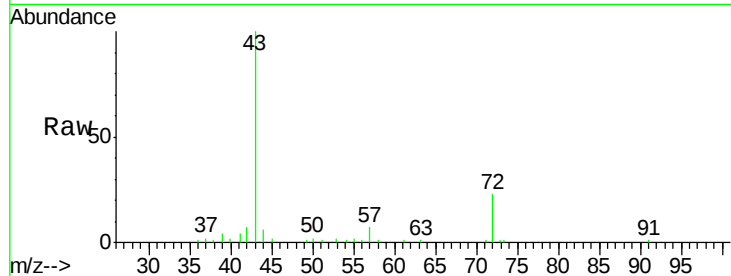
72 23.2 18.5 27.7

Manual Integrations

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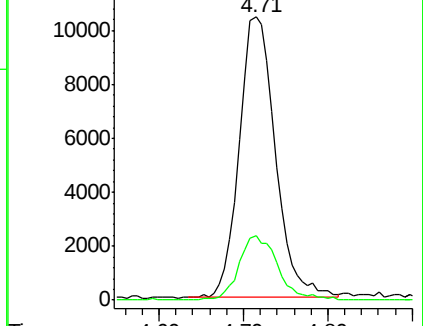
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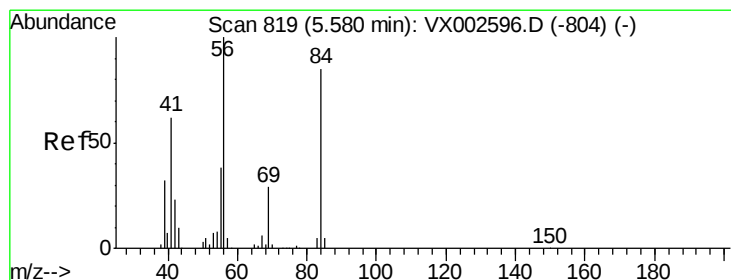
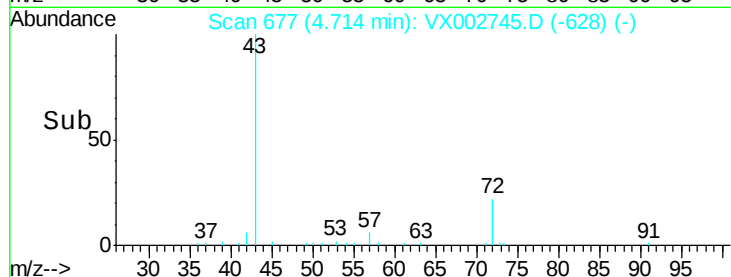


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#31

Cyclohexane

Concen: 0.292 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

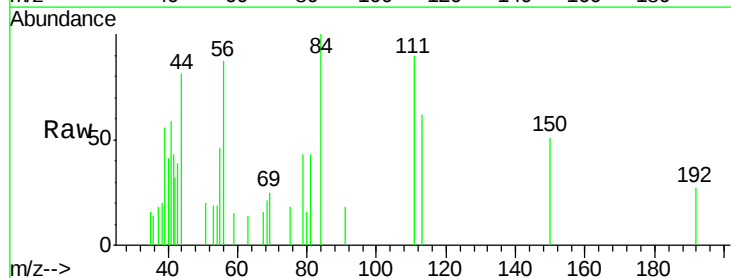
Tgt Ion: 56 Resp: 1203

Ion Ratio Lower Upper

56 100

69 53.1 23.7 35.5#

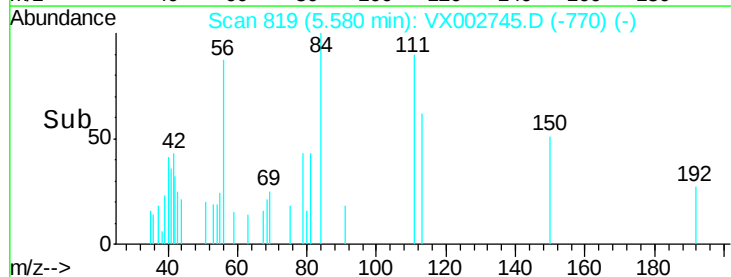
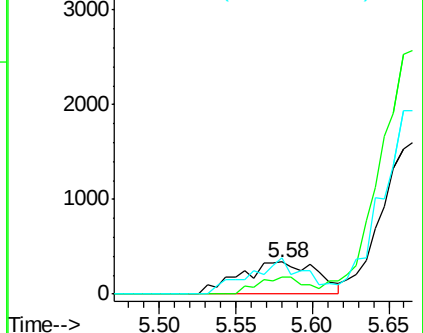
84 114.8 64.1 96.1#

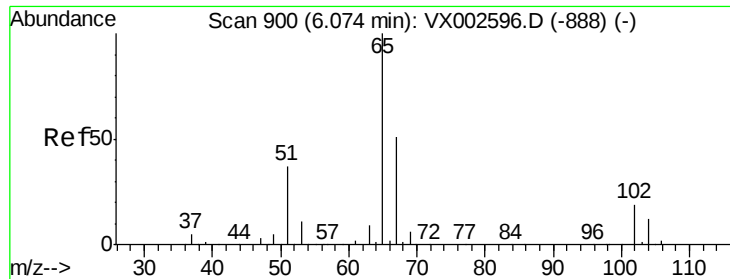


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





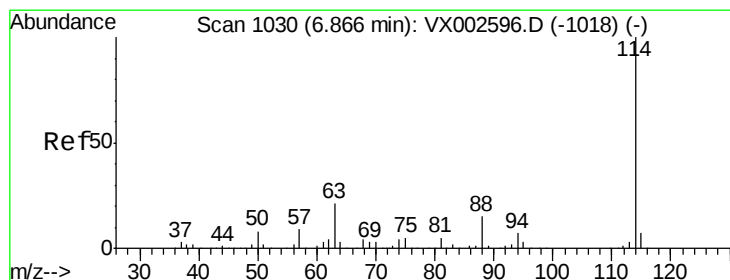
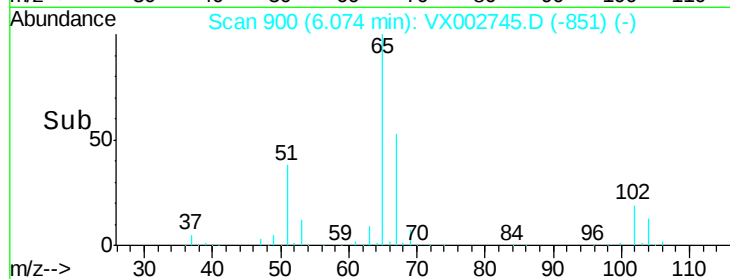
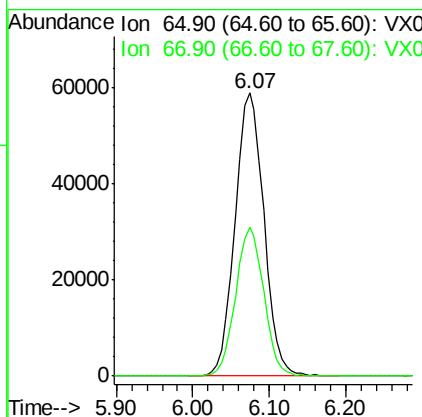
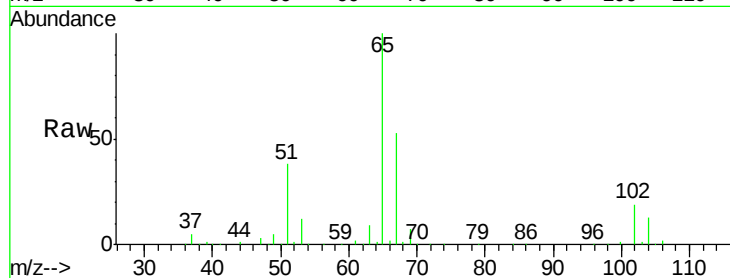
#33
 1,2-Dichloroethane-d4
 Concen: 44.188 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Instrument :
 MSVOA_X
 ClientSampled :
 MW-25

Tgt Ion: 65 Resp: 154163
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6

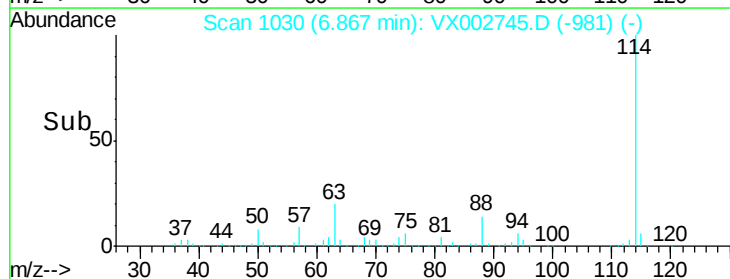
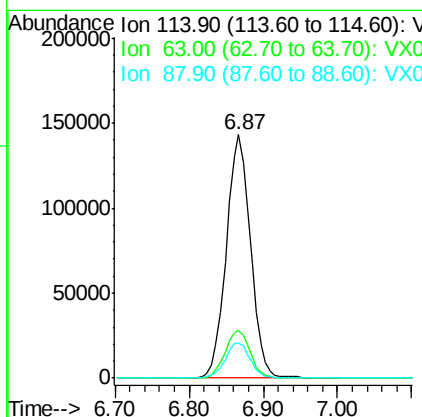
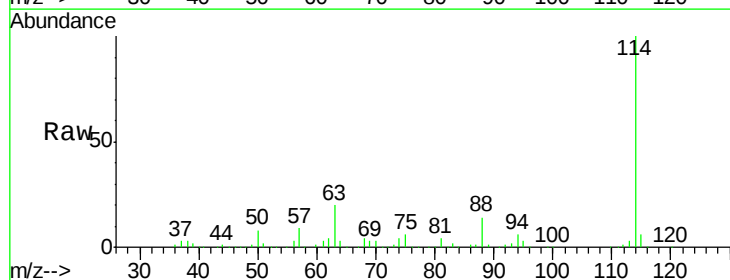
Manual Integrations
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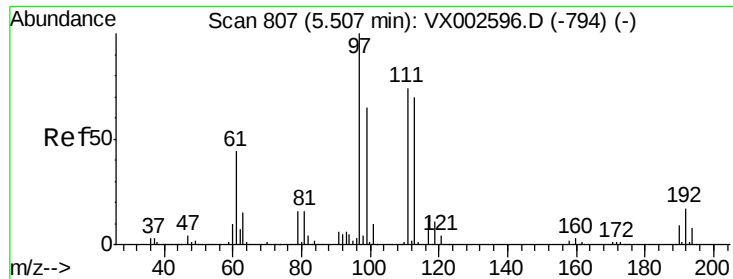
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Tgt Ion: 114 Resp: 326053
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 14.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.207 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

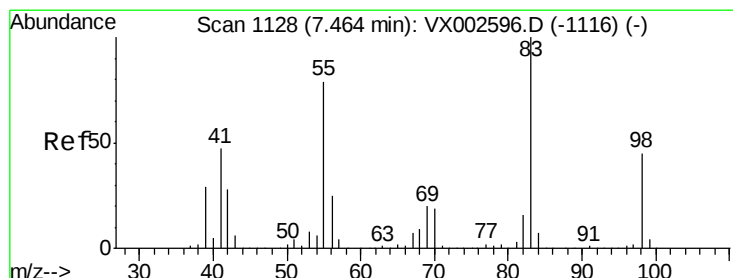
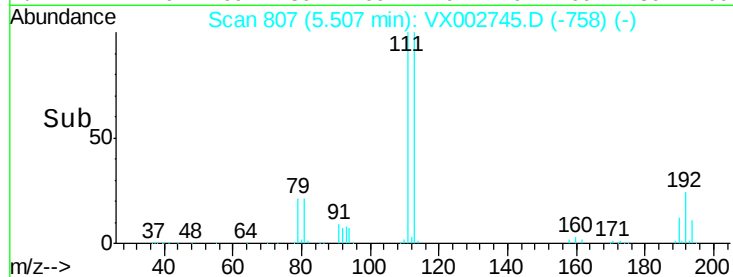
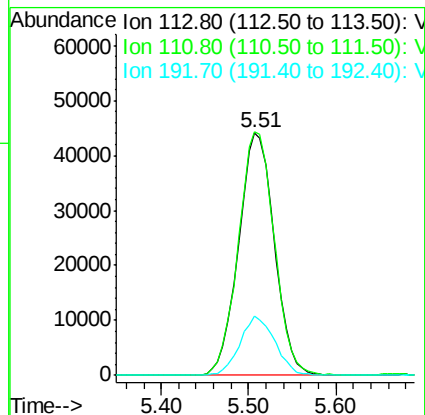
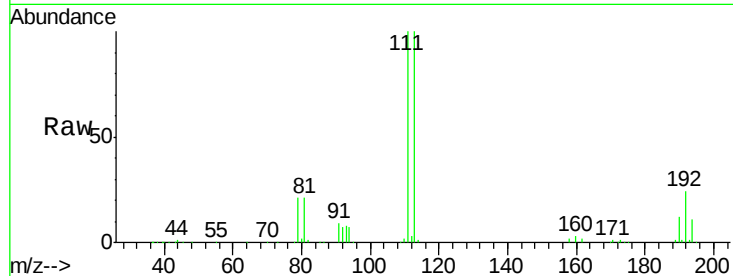
ClientSampled :

MW-25

Tgt Ion:	113	Resp:	125445
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.4	122.0
192	23.9	19.1	28.7

Manual Integrations
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#39

Methylcyclohexane

Concen: 0.687 ug/l

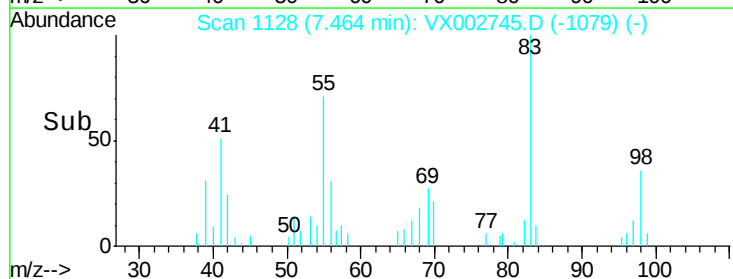
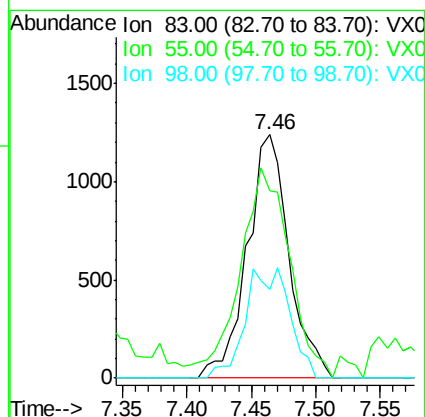
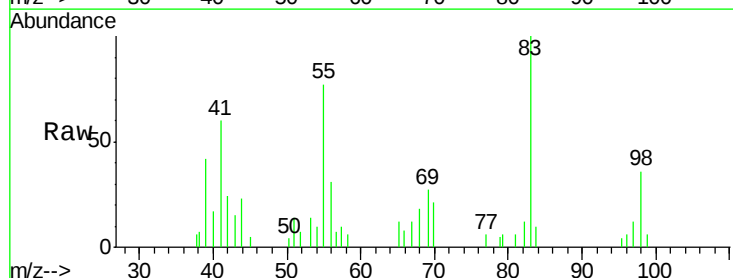
RT: 7.46 min Scan# 1128

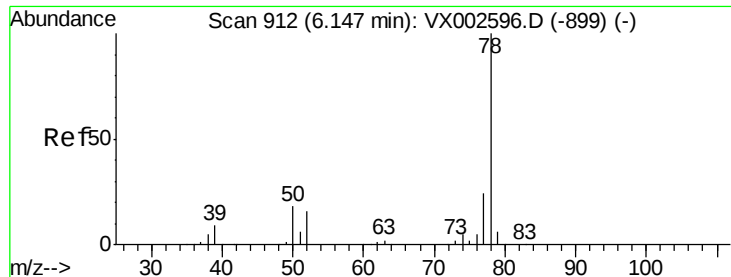
Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Tgt Ion:	83	Resp:	2782
Ion Ratio	Lower	Upper	
83	100		
55	71.5	65.4	98.0
98	36.4	37.4	56.0#





#40

Benzene

Concen: 1.523 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002745.D

Acq: 20 Jun 2018 16:47

Instrument :

MSVOA_X

ClientSampled :

MW-25

Tgt Ion: 78 Resp: 15809

Ion Ratio Lower Upper

78 100

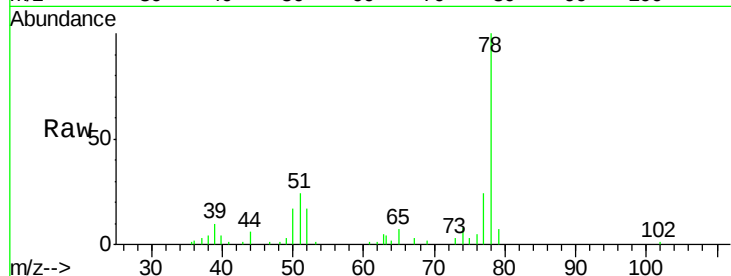
77 23.5 19.1 28.7

Manual Integrations

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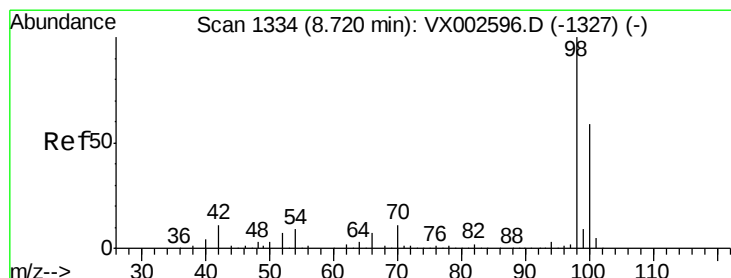
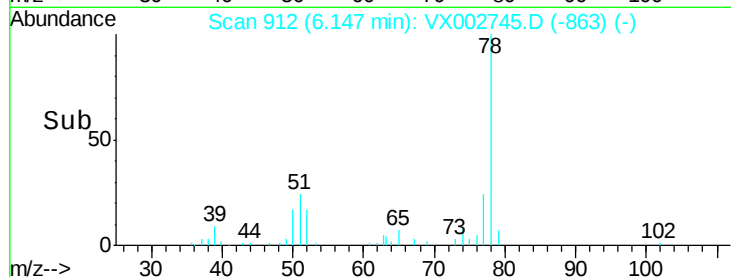
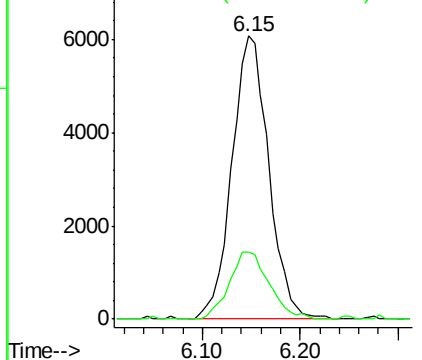
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 46.829 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002745.D

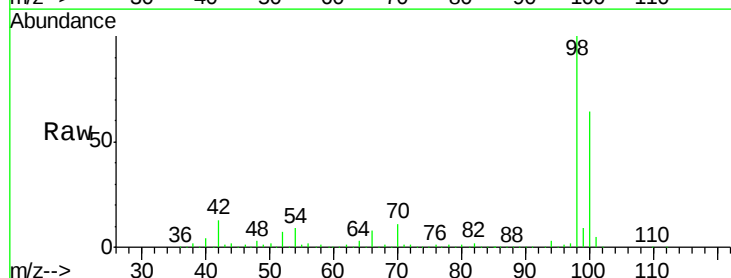
Acq: 20 Jun 2018 16:47

Tgt Ion: 98 Resp: 462695

Ion Ratio Lower Upper

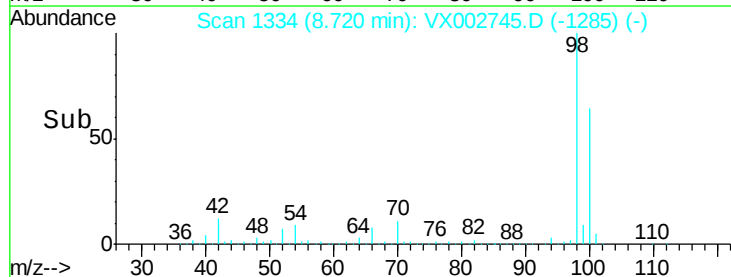
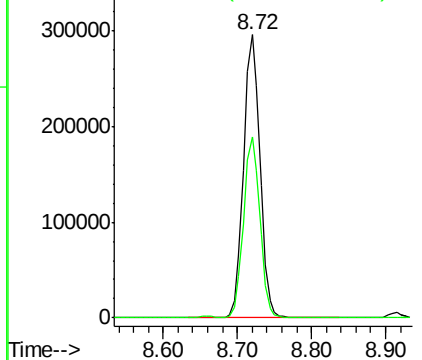
98 100

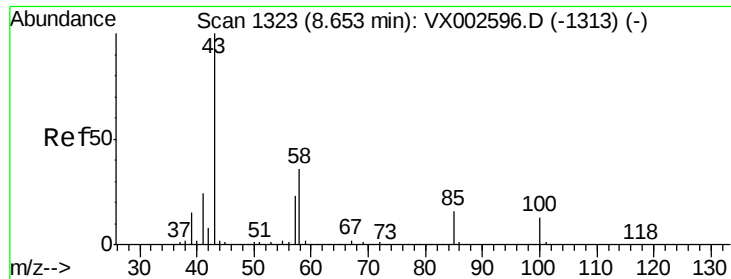
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





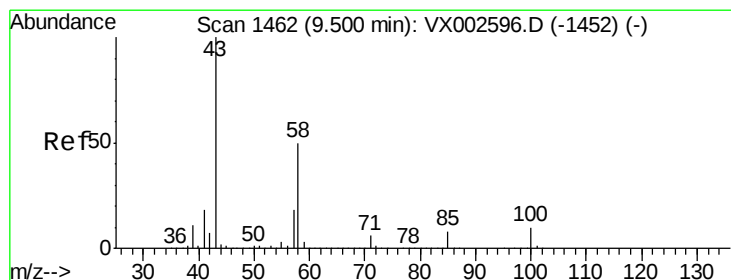
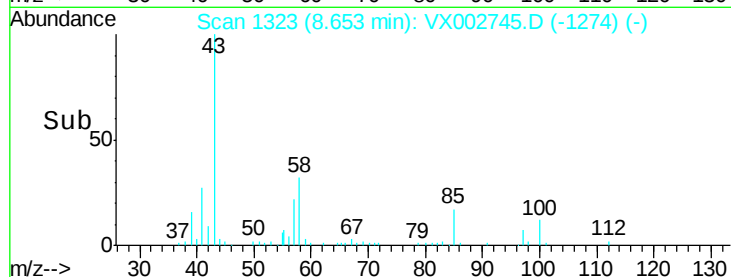
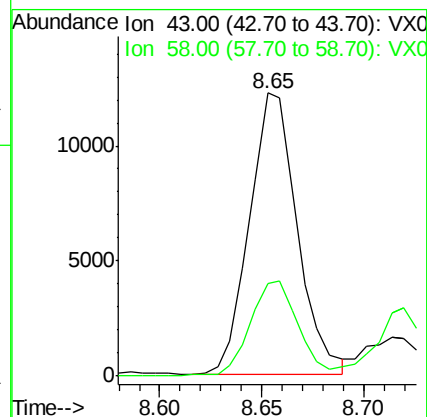
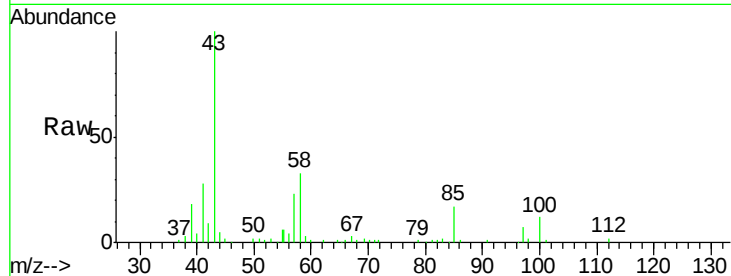
#51
4-Methyl-2-Pentanone
Concen: 4.786 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

Instrument :
MSVOA_X
ClientSampled :
MW-25

Tgt Ion: 43 Resp: 19956
Ion Ratio Lower Upper
43 100
58 33.8 28.6 42.8

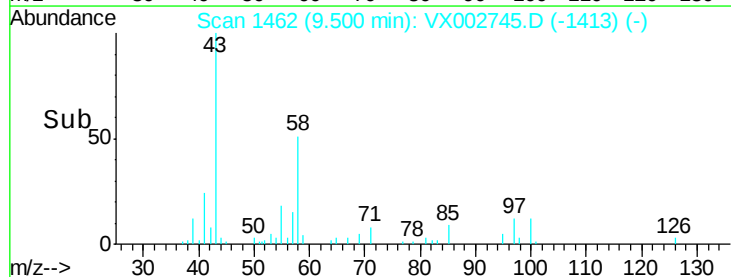
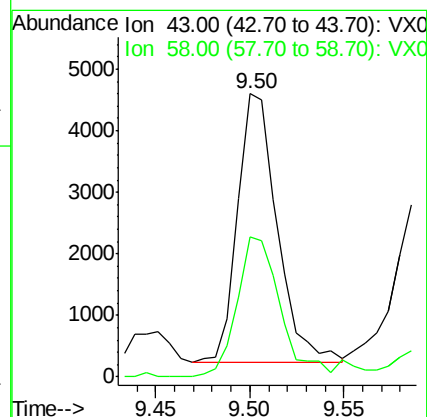
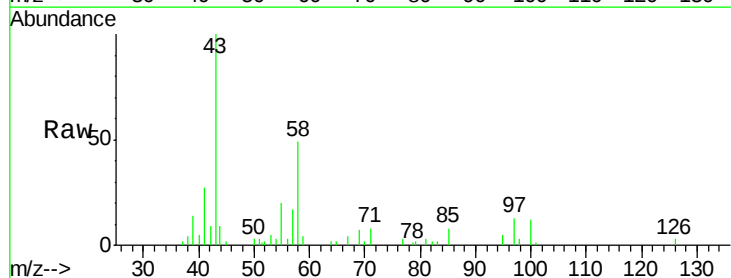
Manual Integrations
APPROVED

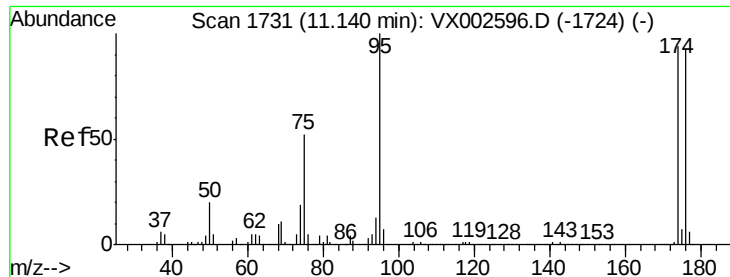
apatel
6/22/2018 8:08:38 AM



#59
2-Hexanone
Concen: 2.022 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

Tgt Ion: 43 Resp: 6352
Ion Ratio Lower Upper
43 100
58 56.9 24.6 73.6





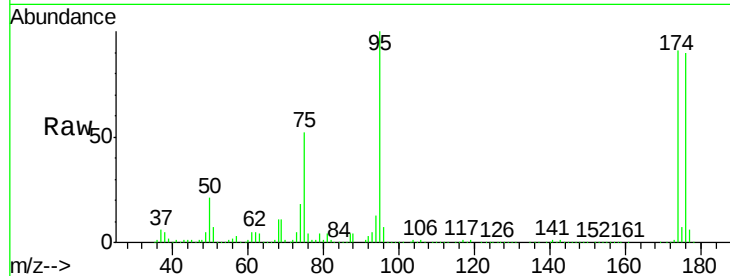
#62
4-Bromofluorobenzene
Concen: 45.089 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

Instrument :
MSVOA_X
ClientSampled :
MW-25

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	168817		
174	96.4	0.0	187.4	
176	94.3	0.0	181.0	

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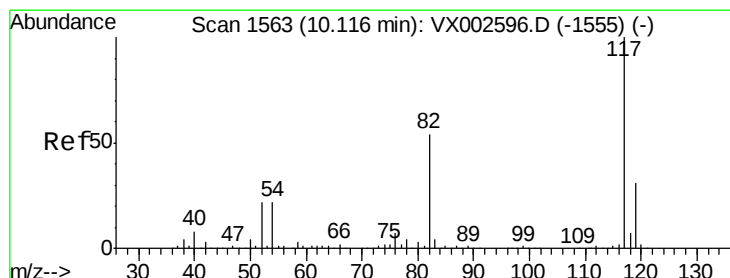
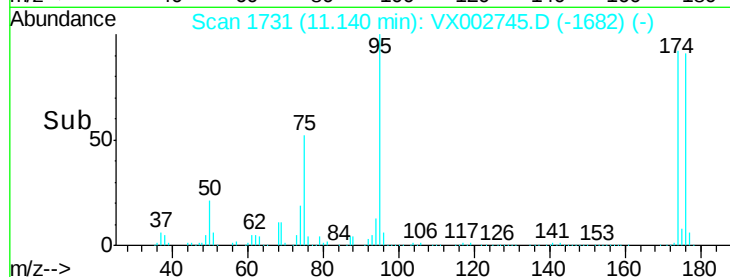
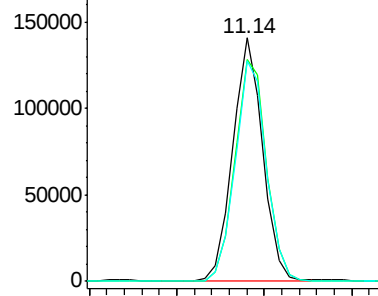
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Abundance Ion 94.90 (94.60 to 95.60): VX002745.D (-1682) (-)

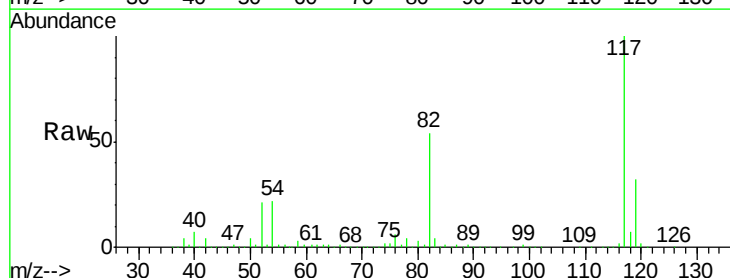
Ion 173.80 (173.50 to 174.50): VX002745.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002745.D (-1682) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002745.D
Acq: 20 Jun 2018 16:47

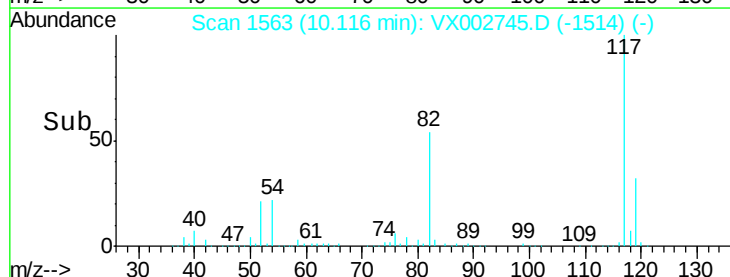
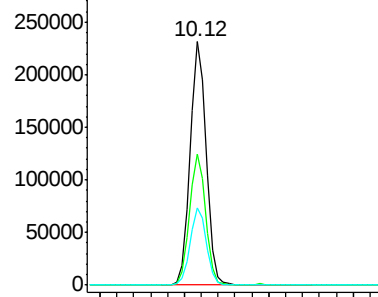
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	306496		
82	53.9	45.0	67.4	
119	31.7	25.8	38.6	

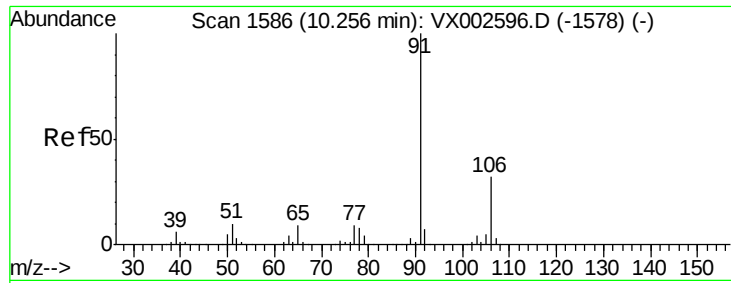


Abundance Ion 116.90 (116.60 to 117.60): VX002745.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002745.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002745.D (-1514) (-)





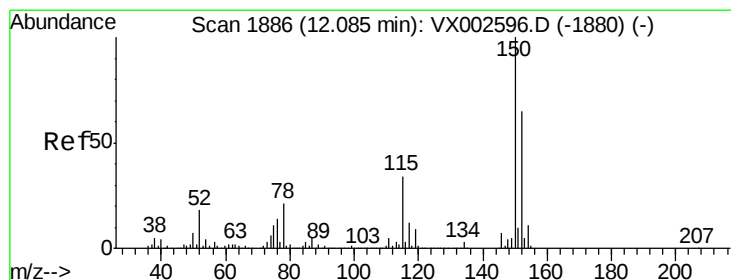
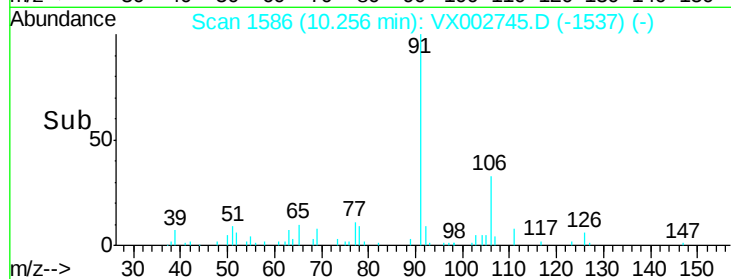
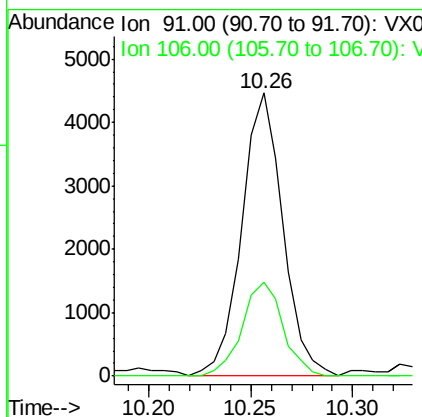
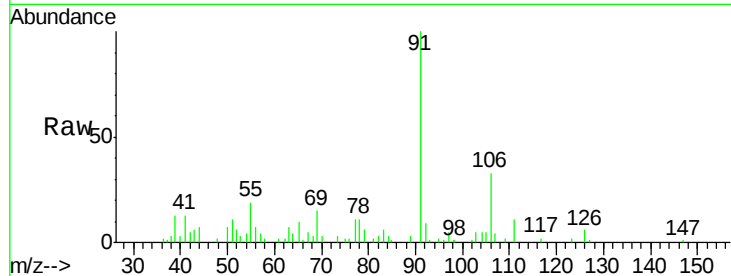
#67
 Ethyl Benzene
 Concen: 0.494 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Instrument :
 MSVOA_X
 ClientSampled :
 MW-25

Tgt Ion: 91 Resp: 6272
 Ion Ratio Lower Upper
 91 100
 106 33.3 25.5 38.3

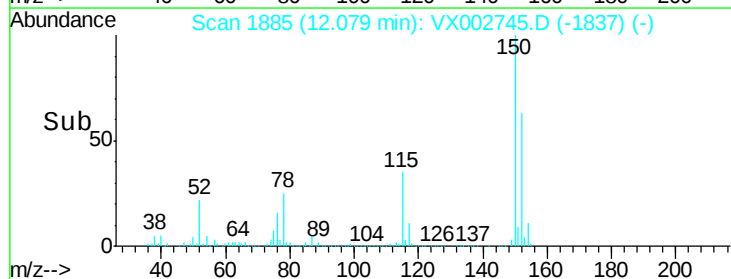
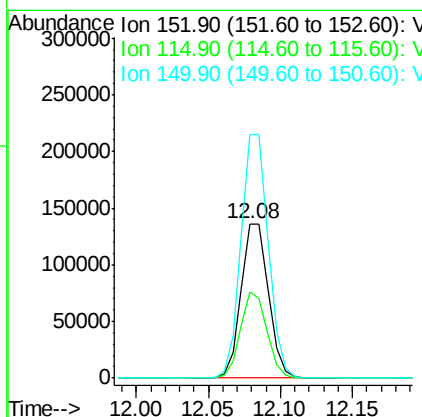
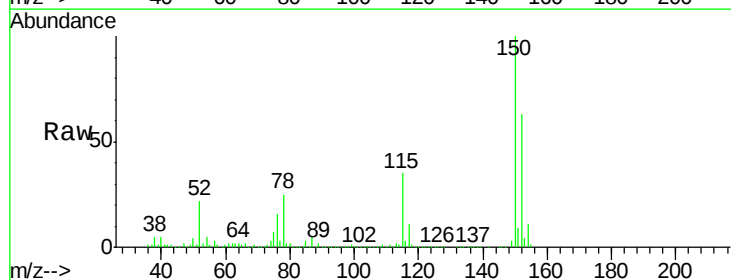
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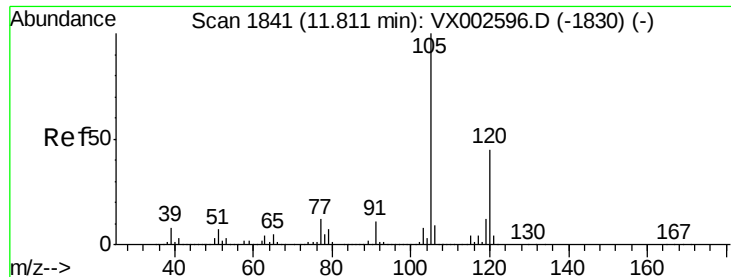
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Tgt Ion: 152 Resp: 179272
 Ion Ratio Lower Upper
 152 100
 115 53.9 40.1 120.2
 150 157.4 0.0 347.2





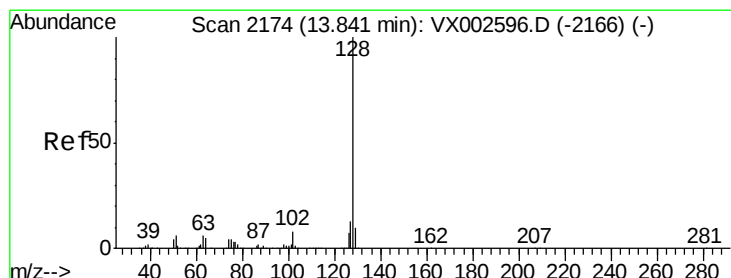
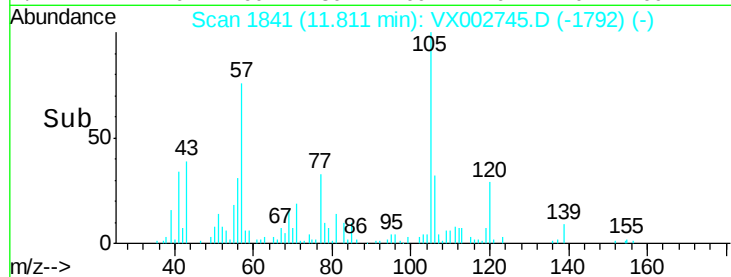
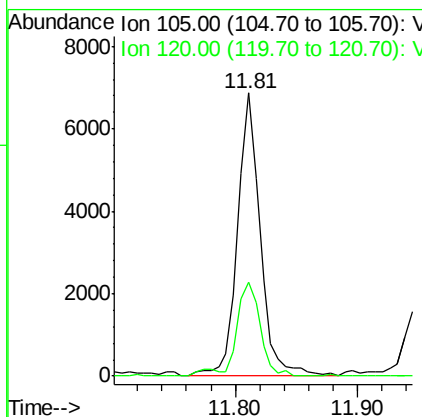
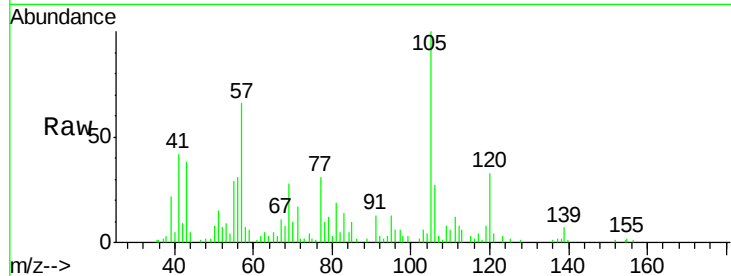
#84
 1,2,4-Trimethylbenzene
 Concen: 0.856 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	8852		
120	32.5	22.3	66.8	

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#95
 Naphthalene
 Concen: 4.233 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX002745.D
 Acq: 20 Jun 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	50968		
127	14.3	10.4	15.6	
129	14.7	8.6	13.0	

