

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004001.D
 Acq On : 13 Aug 2018 15:41
 Operator : JC/MD
 Sample : J4447-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-6

Manual Integrations
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Quant Time: Aug 14 04:37:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	499939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	462460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260251	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	219657	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
35) Dibromofluoromethane	5.51	113	178487	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	8.72	98	697135	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	248052	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	15304	6.43	ug/l	96
18) Methyl Acetate	2.77	43	5890	1.14	ug/l #	90
20) Methylene Chloride	2.86	84	119401	20.70	ug/l	99
25) 2-Butanone	4.70	43	4445m	1.24	ug/l	
30) Chloroform	5.22	83	8045	1.25	ug/l	94
43) Isopropyl Acetate	6.46	43	173886	18.76	ug/l	99
68) m/p-Xylenes	10.36	106	15629	2.03	ug/l	97
74) N-amyl acetate	6.46	43	173886	17.37	ug/l #	99
95) Naphthalene	13.83	128	50995	2.63	ug/l	99

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

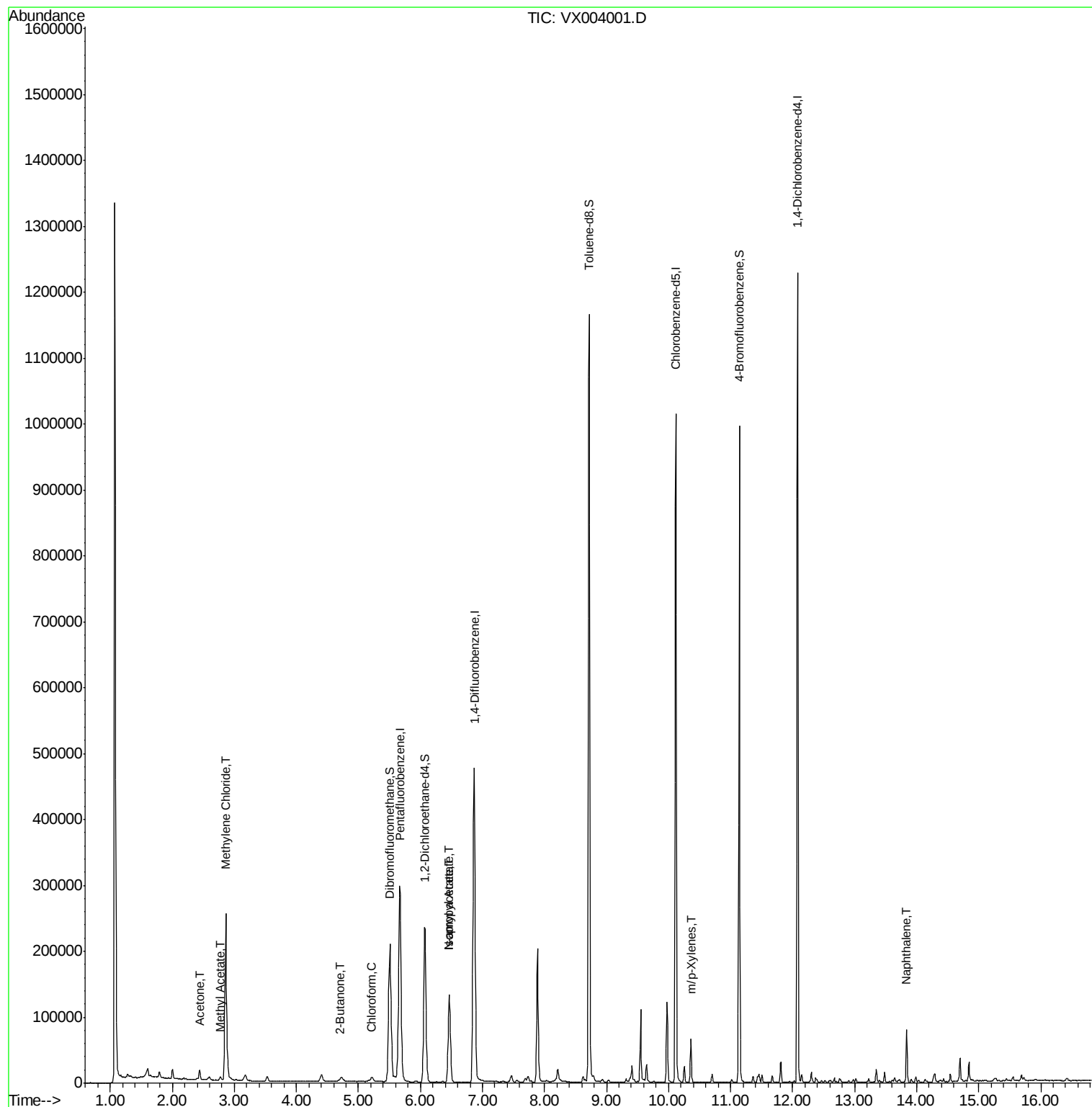
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
Data File : VX004001.D
Acq On : 13 Aug 2018 15:41
Operator : JC/MD
Sample : J4447-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

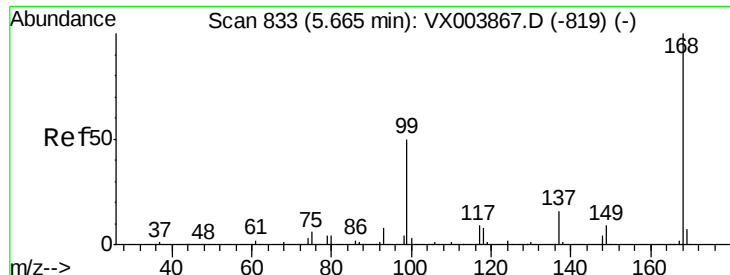
Instrument :
MSVOA_X
ClientSampleId :
SP-1-6

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Quant Time: Aug 14 04:37:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004001.D

Acq: 13 Aug 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

SP-1-6

Tot Ion:168 Resp: 301715

Ion Ratio Lower Upper

168 100

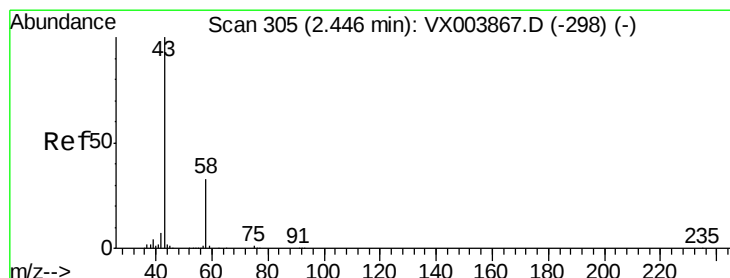
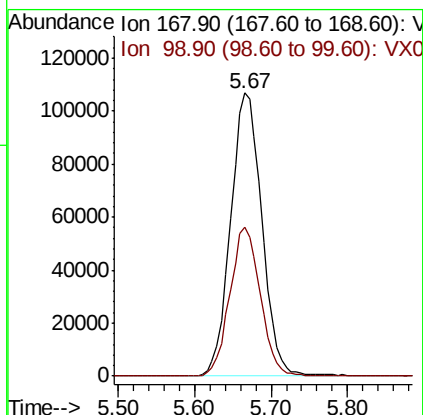
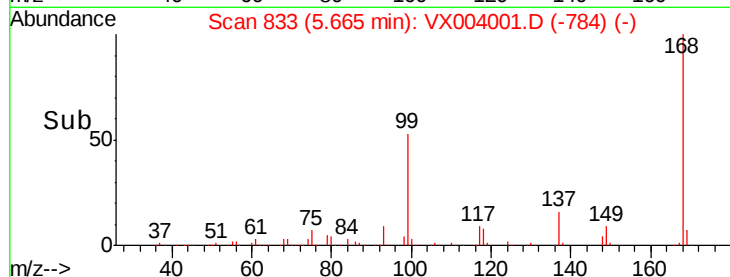
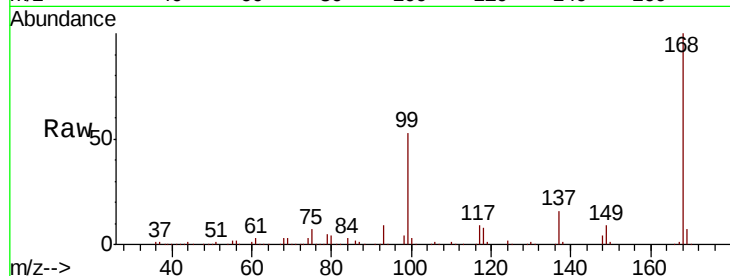
99 52.6 40.1 60.1

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#16

Acetone

Concen: 6.43 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004001.D

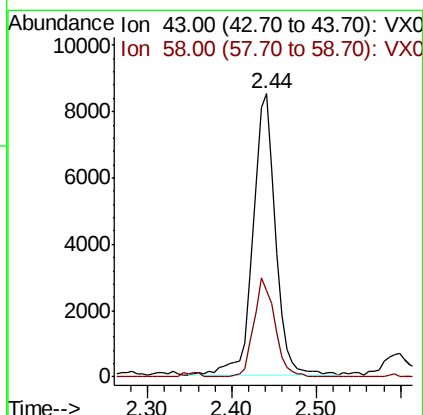
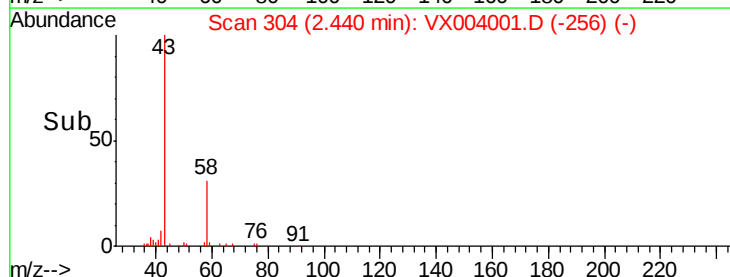
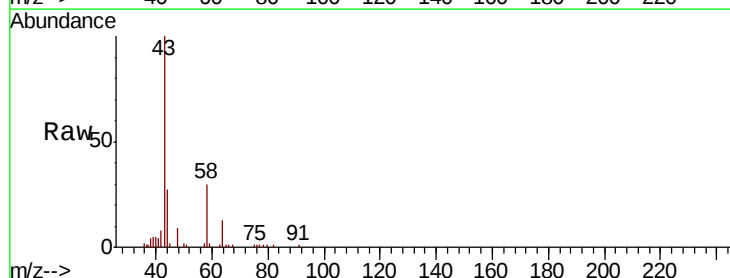
Acq: 13 Aug 2018 15:41

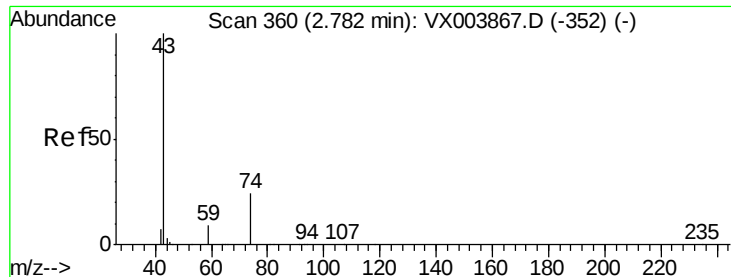
Tgt Ion: 43 Resp: 15304

Ion Ratio Lower Upper

43 100

58 30.6 26.4 39.6





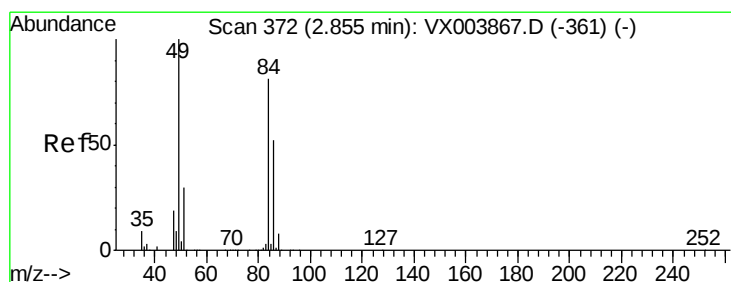
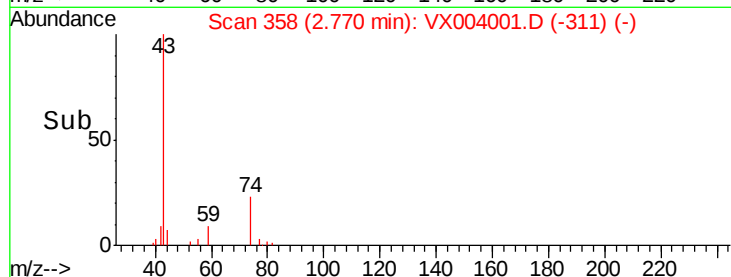
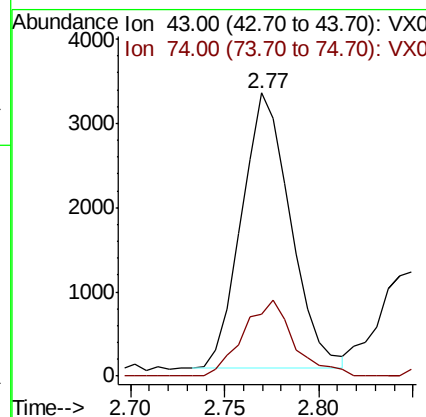
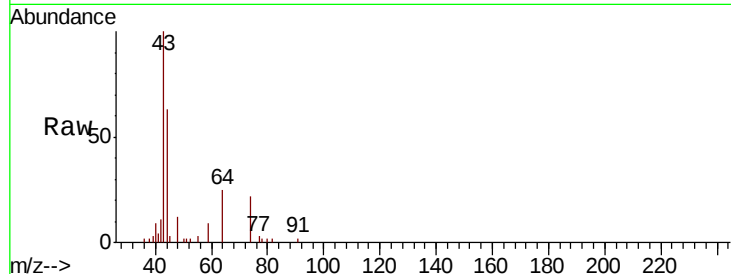
#18
Methvl Acetate
Concen: 1.14 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX004001.D
Acq: 13 Aug 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
SP-1-6

Tot Ion	Ratio	Lower	Upper
43	100		
74	28.4	18.9	28.3#

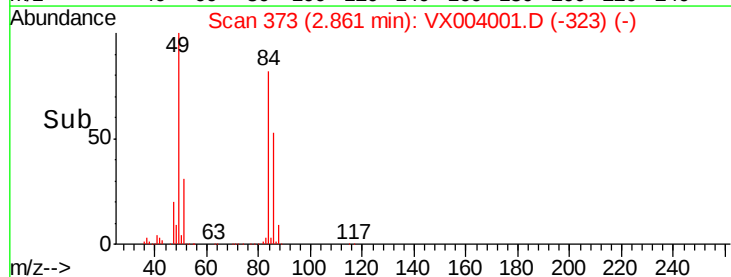
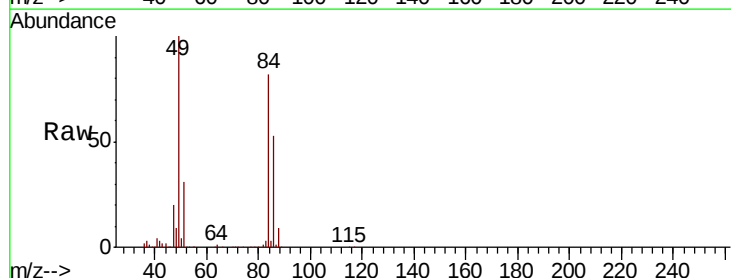
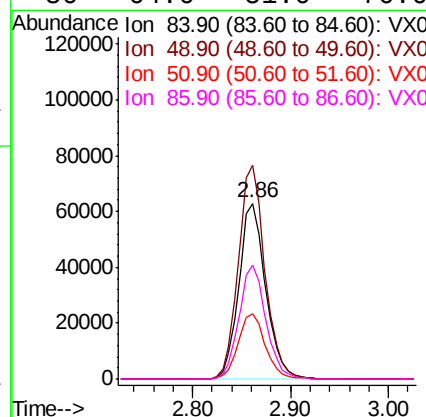
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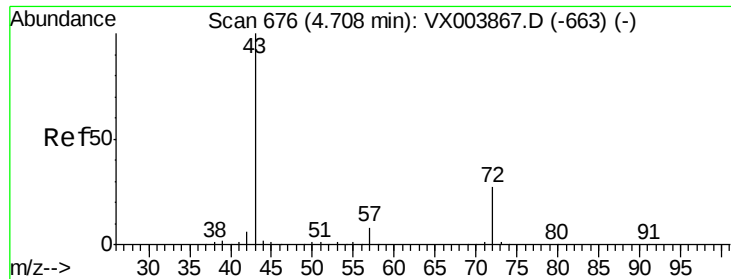
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#20
Methylene Chloride
Concen: 20.70 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004001.D
Acq: 13 Aug 2018 15:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.8	98.9	148.3
51	37.2	29.9	44.9
86	64.6	51.0	76.6





#25

2-Butanone

Concen: 1.24 ug/l m

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004001.D

Acq: 13 Aug 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

SP-1-6

Tot Ion: 43 Resp: 4445

Ion Ratio Lower Upper

43 100

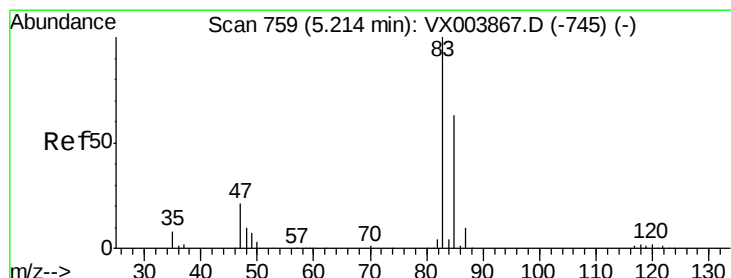
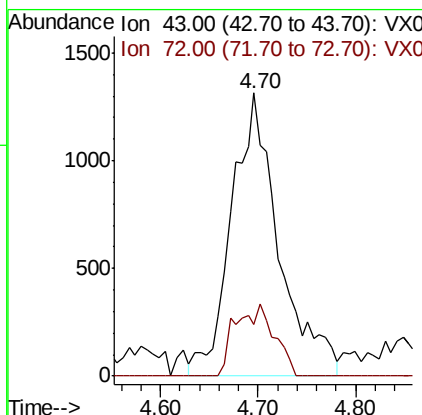
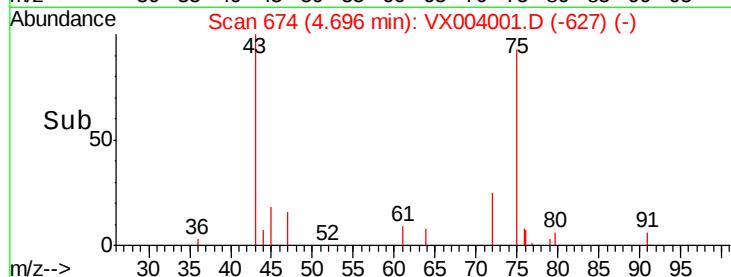
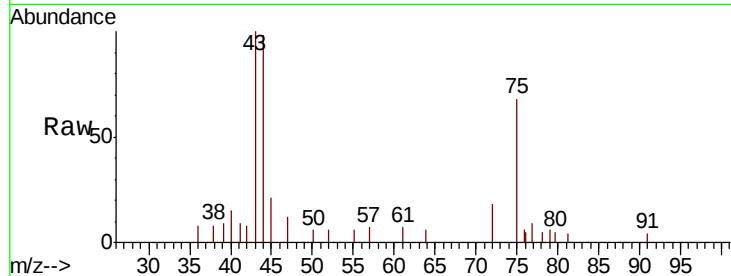
72 18.3 21.4 32.0#

Manual Integrations

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#30

Chloroform

Concen: 1.25 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX004001.D

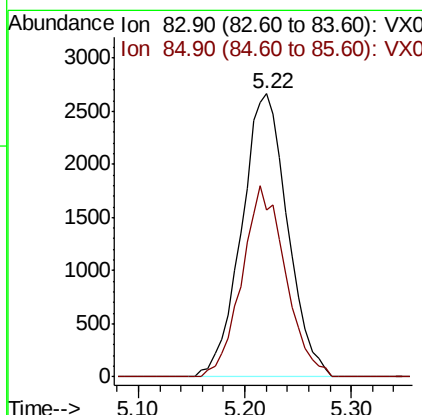
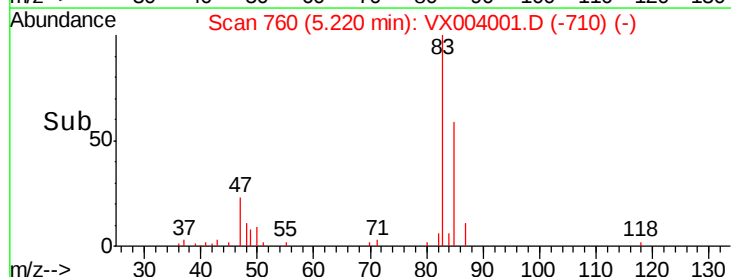
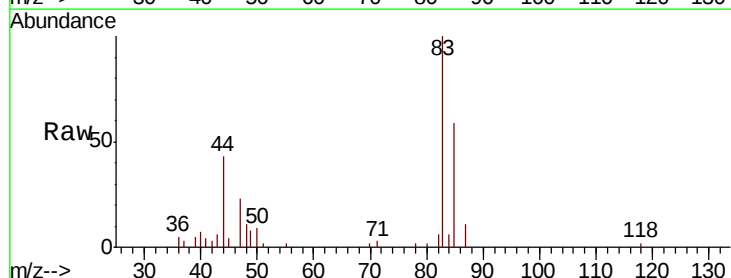
Acq: 13 Aug 2018 15:41

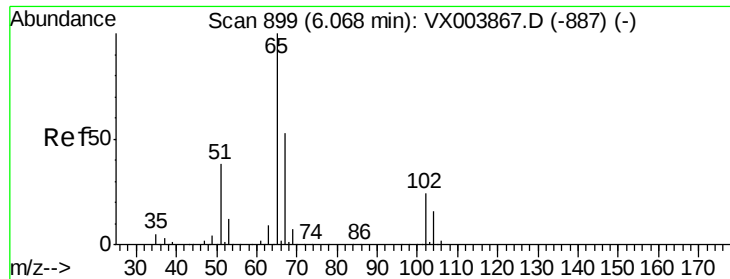
Tgt Ion: 83 Resp: 8045

Ion Ratio Lower Upper

83 100

85 59.1 50.7 76.1





#33

1,2-Dichloroethane-d4

Concen: 54.92 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX004001.D

Acq: 13 Aug 2018 15:41

Tot Ion: 65 Resp: 219657

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8

Instrument :

MSVOA_X

ClientSampleId :

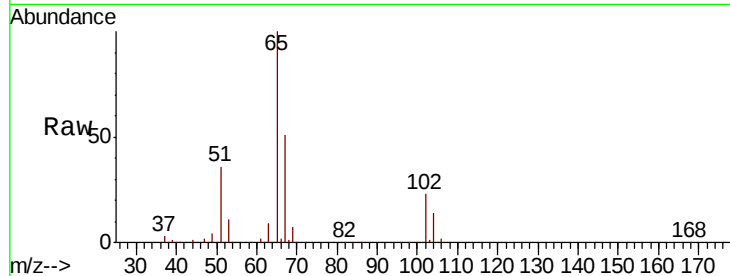
SP-1-6

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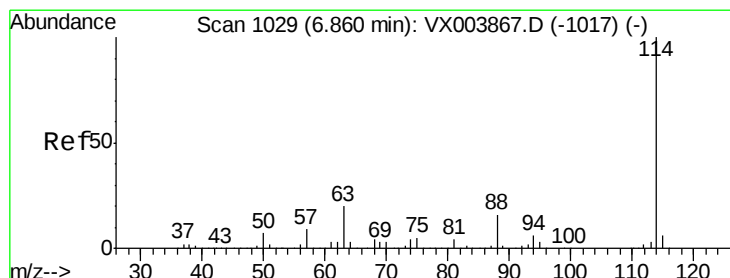
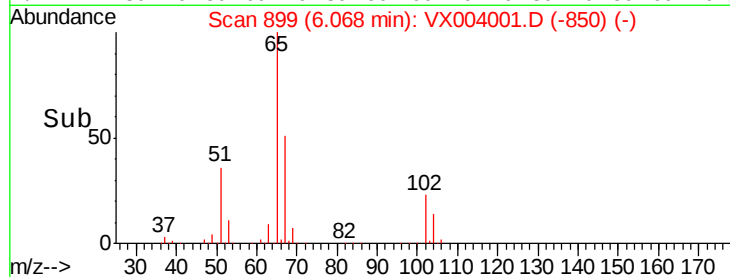
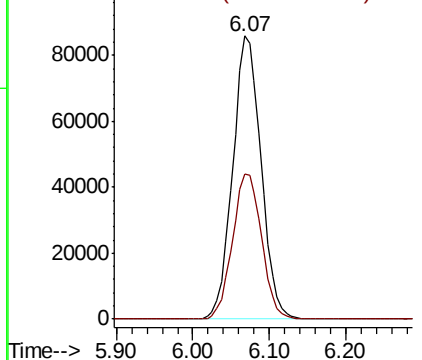
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VX004001.D

Acq: 13 Aug 2018 15:41

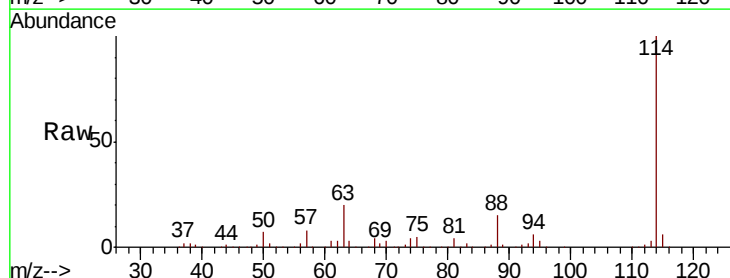
Tgt Ion: 114 Resp: 499939

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

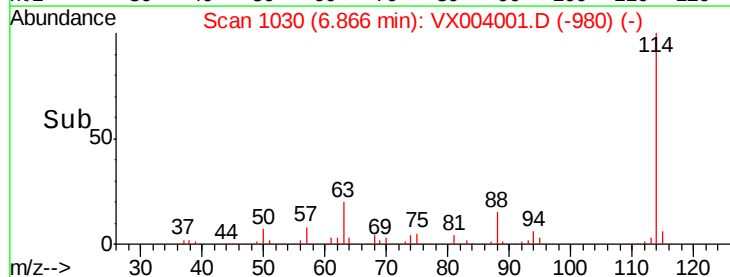
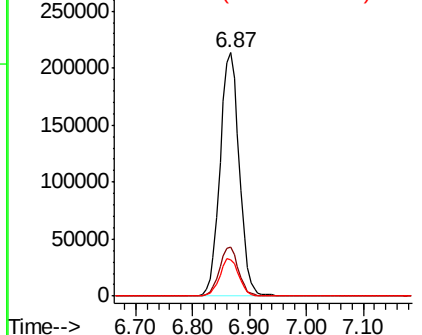
88 14.9 0.0 32.0

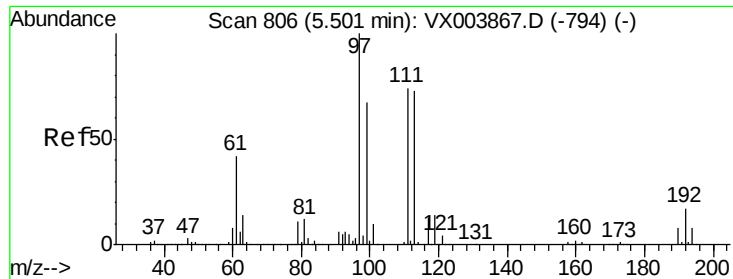


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





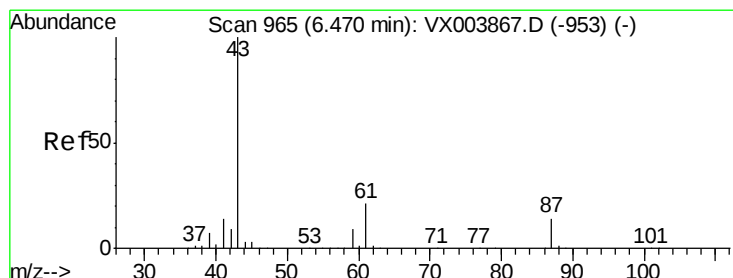
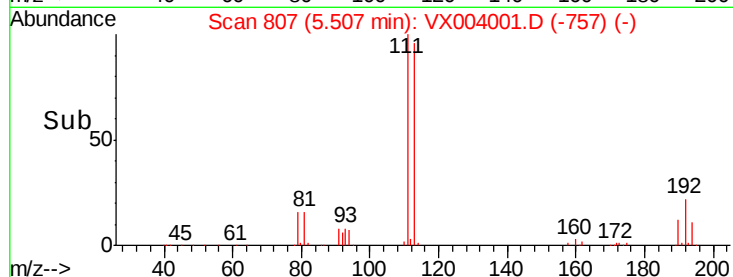
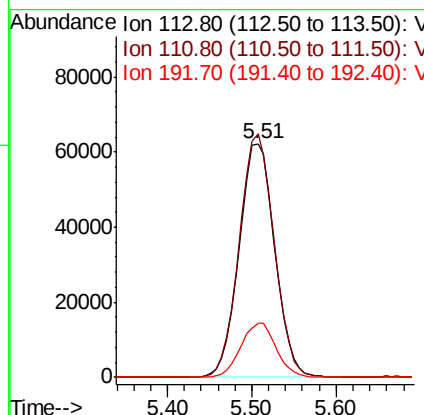
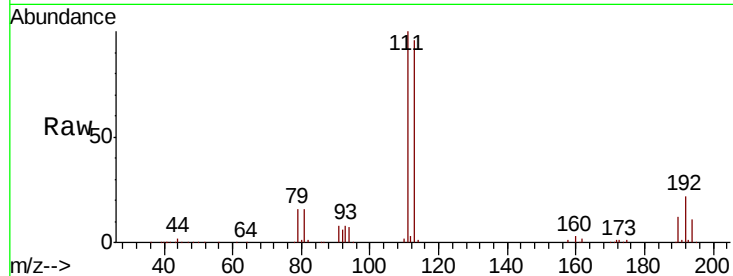
#35
 Dibromofluoromethane
 Concen: 47.13 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004001.D
 Acq: 13 Aug 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-6

Tot Ion	Ratio	Resp	Lower	Upper
113	100	178487		
111	101.8	82.0	123.0	
192	23.0	19.0	28.4	

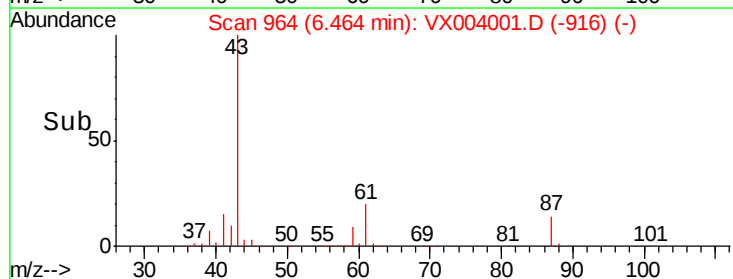
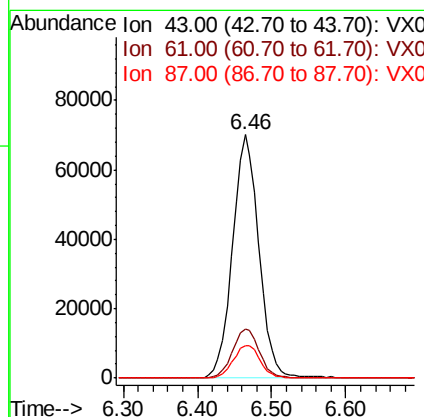
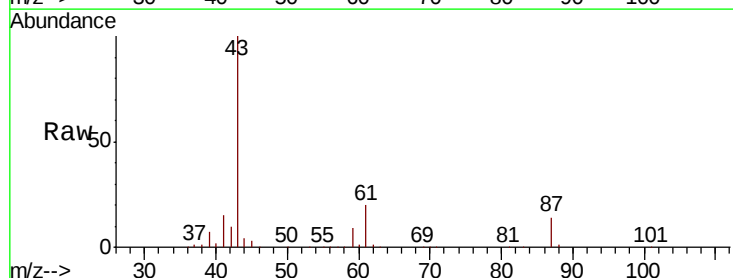
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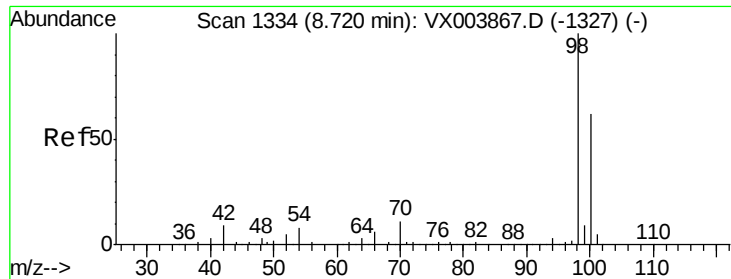
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#43
 Isopropyl Acetate
 Concen: 18.76 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX004001.D
 Acq: 13 Aug 2018 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	173886		
61	20.5	16.9	25.3	
87	13.8	11.3	16.9	





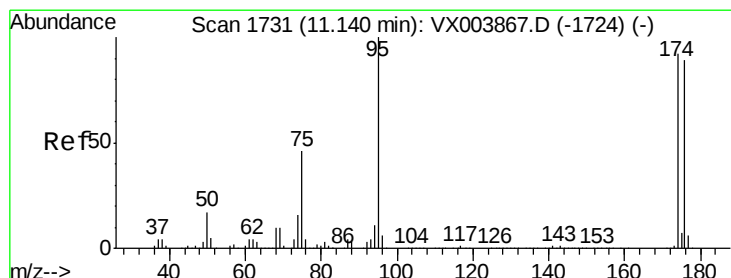
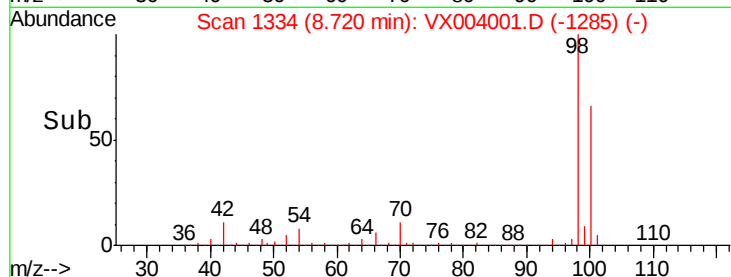
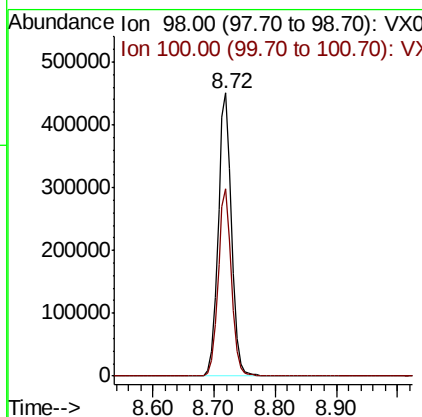
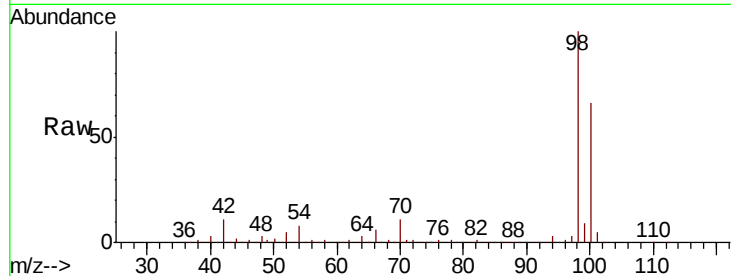
#50
Toluene-d8
Concen: 47.33 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX004001.D
Acq: 13 Aug 2018 15:41

Instrument :
MSVOA_X
ClientSampled :
SP-1-6

Tot Ion: 98 Resp: 697135
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9

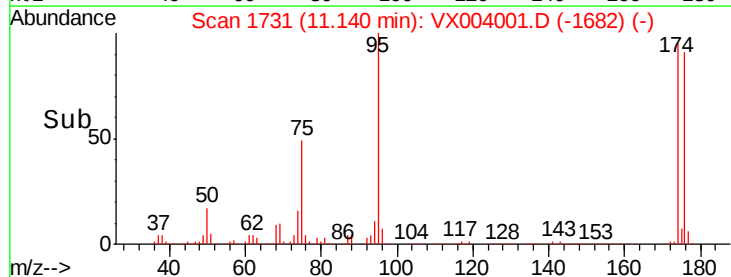
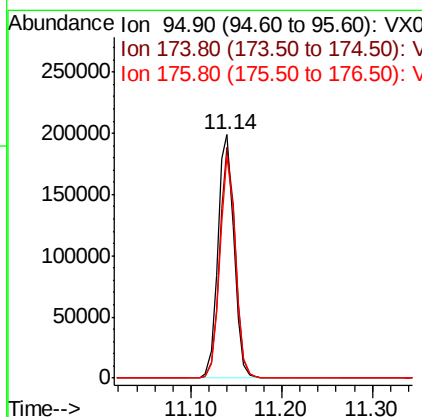
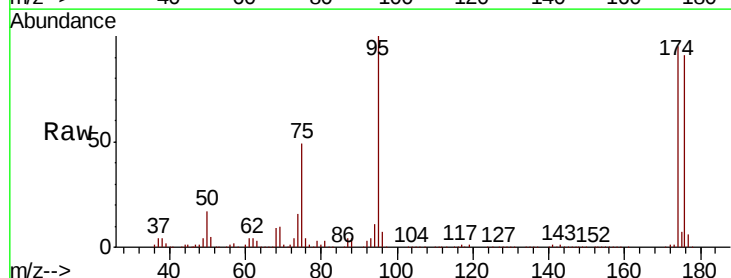
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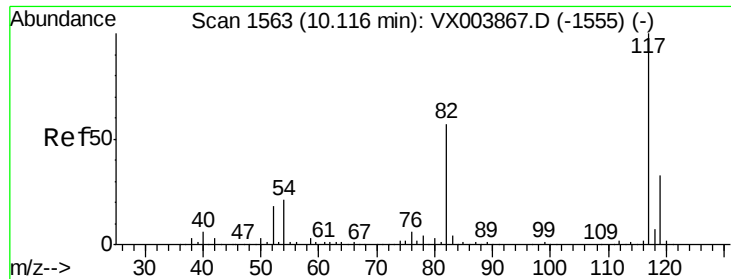
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#62
4-Bromofluorobenzene
Concen: 52.05 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004001.D
Acq: 13 Aug 2018 15:41

Tgt Ion: 95 Resp: 248052
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.8
176 87.5 0.0 179.0





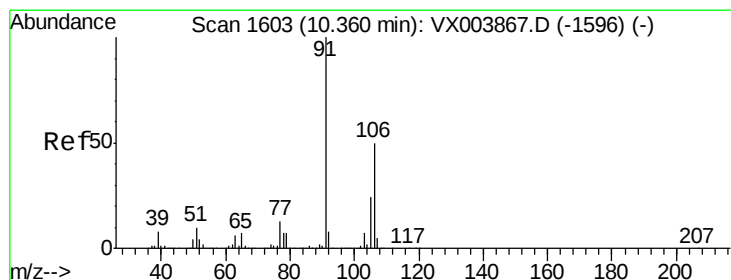
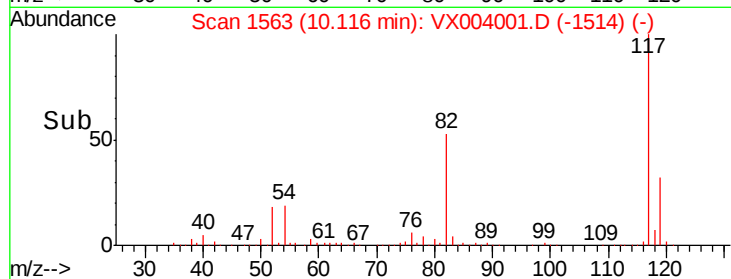
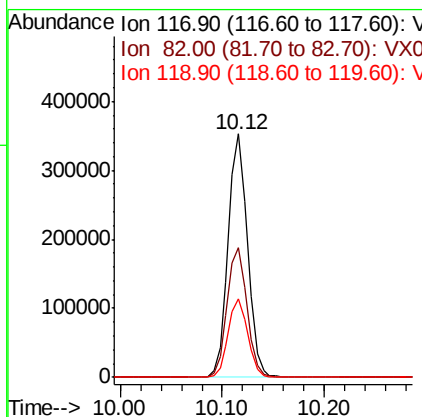
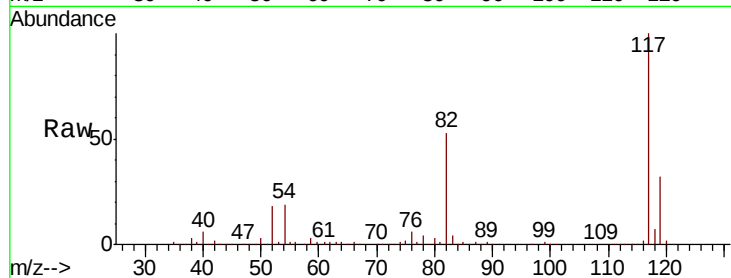
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004001.D
Acq: 13 Aug 2018 15:41

Instrument :
MSVOA_X
ClientSampled :
SP-1-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.4	68.0
119	32.2	26.6	40.0

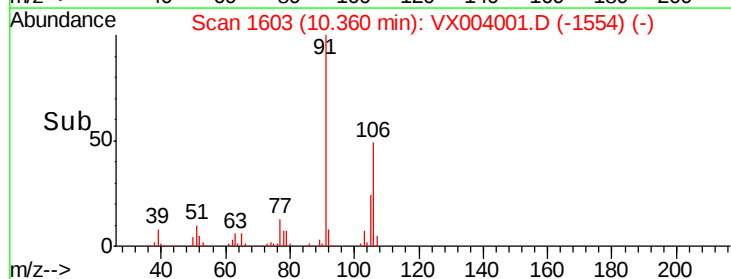
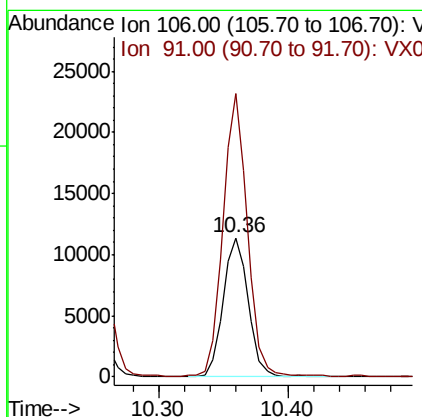
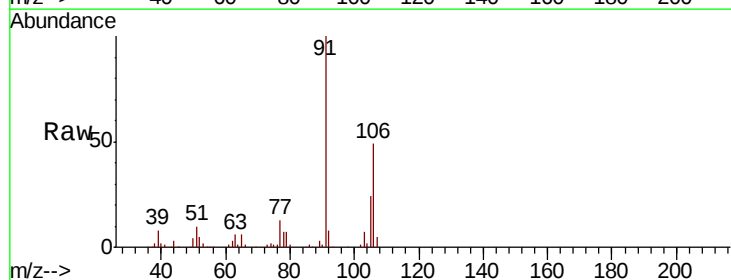
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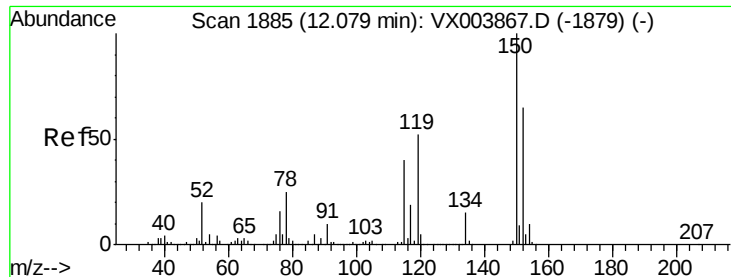
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#68
m/p-Xylenes
Concen: 2.03 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004001.D
Acq: 13 Aug 2018 15:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.5	162.3	243.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004001.D

Acq: 13 Aug 2018 15:41

Instrument :

MSVOA_X

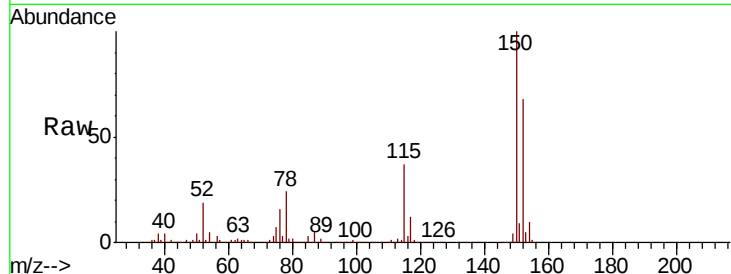
ClientSampleId :

SP-1-6

Tot Ion:	152	Resp:	260251
Ion Ratio	Lower	Upper	
152	100		
115	54.2	39.1	117.3
150	150.8	0.0	349.2

Manual Integrations
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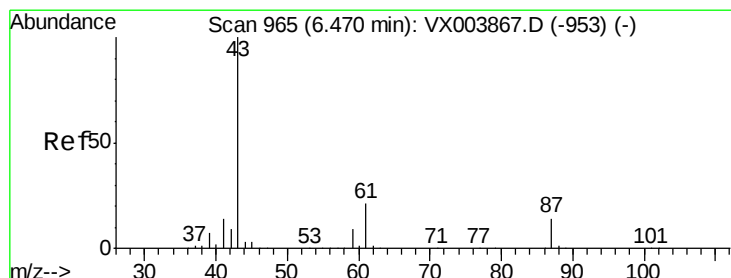
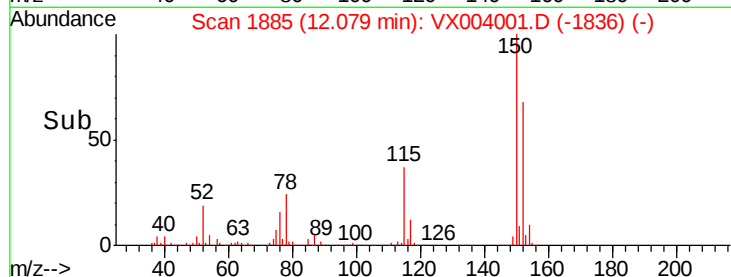
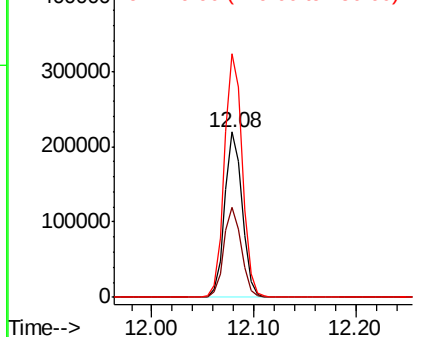


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 17.37 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004001.D

Acq: 13 Aug 2018 15:41

Tgt Ion:	43	Resp:	173886
Ion Ratio	Lower	Upper	
43	100		
70	0.3	0.0	0.0#
55	0.4	0.1	0.1#
61	20.5	16.9	25.3

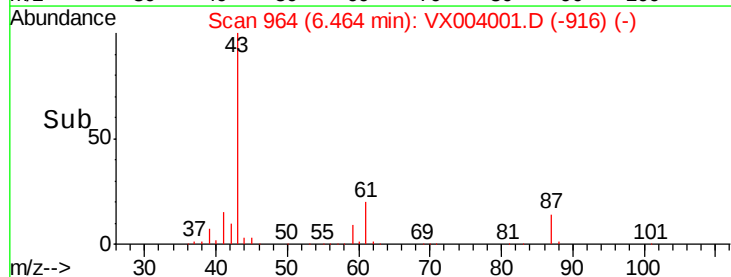
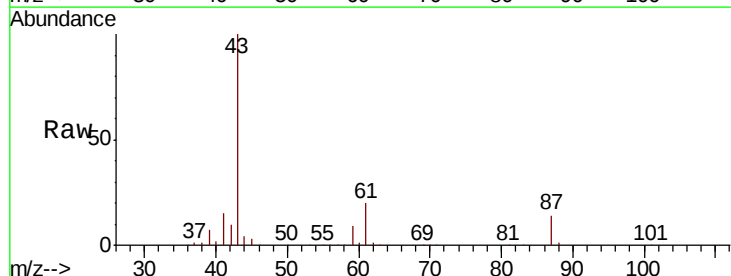
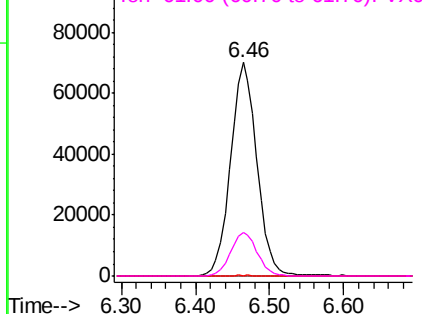
Abundance

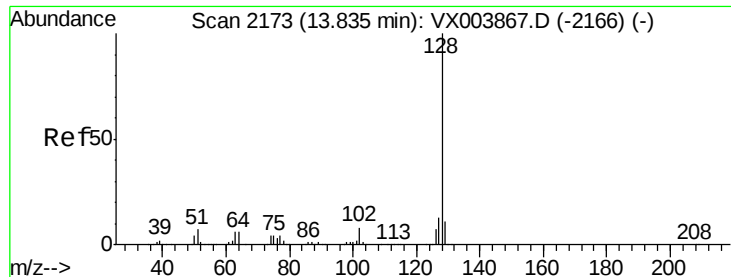
Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#95
Naphthalene
Concen: 2.63 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004001.D
Acq: 13 Aug 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
SP-1-6

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.4	8.8	13.2

Manual Integrations
APPROVED

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8/14/2018 12:56:06 PM

