

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000753.D
 Acq On : 10 Apr 2018 16:45
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX041018

Manual Integrations
 APPROVED

MMDadoda
 4/11/2018 11:20:45 AM

Quant Time: Apr 11 08:20:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	331312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	424089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	278805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188988	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
35) Dibromofluoromethane	5.51	113	162136	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.72	98	595445	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	244344	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	185559	49.62	ug/l	99
3) Chloromethane	1.32	50	152102	47.43	ug/l	100
4) Vinyl Chloride	1.40	62	170235	47.20	ug/l	97
5) Bromomethane	1.64	94	73748	49.38	ug/l	99
6) Chloroethane	1.72	64	98144	44.90	ug/l	99
7) Trichlorofluoromethane	1.93	101	264409	48.59	ug/l	99
8) Diethyl Ether	2.19	74	93893	46.19	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	157293	49.02	ug/l	99
10) Methyl Iodide	2.51	142	98290	41.11	ug/l	100
11) Tert butyl alcohol	3.07	59	162109	218.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	142336	46.81	ug/l	96
13) Acrolein	2.29	56	87487	242.90	ug/l	98
14) Allyl chloride	2.73	41	257997	45.88	ug/l	100
15) Acrylonitrile	3.15	53	363444	229.84	ug/l	100
16) Acetone	2.45	43	334893	232.47	ug/l	99
17) Carbon Disulfide	2.57	76	426559	46.33	ug/l	100
18) Methyl Acetate	2.78	43	173520	46.54	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	478386	47.23	ug/l	99
20) Methylene Chloride	2.86	84	153213	45.73	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	153720	45.84	ug/l	97
22) Diisopropyl ether	3.87	45	475864	46.05	ug/l	97
23) Vinyl Acetate	3.83	43	2086537	229.99	ug/l	100
24) 1,1-Dichloroethane	3.70	63	266215	45.91	ug/l	99
25) 2-Butanone	4.71	43	545960	229.50	ug/l	100
26) 2,2-Dichloropropane	4.59	77	271799	47.23	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	177069	46.53	ug/l	99
28) Bromochloromethane	5.03	49	108963	46.67	ug/l	99
29) Tetrahydrofuran	5.17	42	342257	226.58	ug/l	100
30) Chloroform	5.23	83	291502	47.48	ug/l	100
31) Cyclohexane	5.58	56	260588	47.32	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	277787	47.50	ug/l	100
36) 1,1-Dichloropropene	5.81	75	226040	48.40	ug/l	99
37) Ethyl Acetate	4.87	43	216062	47.39	ug/l	100
38) Carbon Tetrachloride	5.79	117	258203	49.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	283256	50.50	ug/l	99
40) Benzene	6.15	78	632183	48.71	ug/l	98
41) Methacrylonitrile	5.07	41	126101	47.87	ug/l	100
42) 1,2-Dichloroethane	6.20	62	235992	48.69	ug/l	99
43) Isopropyl Acetate	6.47	43	375085	47.98	ug/l	100
44) Trichloroethene	7.22	130	196673	48.73	ug/l	96
45) 1,2-Dichloropropane	7.53	63	158890	48.08	ug/l	97
46) Dibromomethane	7.67	93	112638	48.89	ug/l	99
47) Bromodichloromethane	7.90	83	231056	49.69	ug/l	98
48) Methyl methacrylate	7.78	41	196215	48.42	ug/l	100
49) 1,4-Dioxane	7.76	88	73882	907.32	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1107307	241.15	ug/l	100
52) Toluene	8.79	92	419327	48.70	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	279063	50.03	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	272287	50.13	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	165153	48.32	ug/l	99
56) Ethyl methacrylate	9.19	69	256045	48.56	ug/l	99
57) 1,3-Dichloropropane	9.38	76	267292	49.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	639575	259.63	ug/l	100
59) 2-Hexanone	9.51	43	862413	243.28	ug/l	100
60) Dibromochloromethane	9.59	129	204386	49.98	ug/l	99
61) 1,2-Dibromoethane	9.68	107	176065	48.56	ug/l	99
64) Tetrachloroethene	9.34	164	194638	49.36	ug/l	100
65) Chlorobenzene	10.15	112	496618	48.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	188222	49.29	ug/l	100
67) Ethyl Benzene	10.26	91	831328	49.15	ug/l	100
68) m/p-Xylenes	10.37	106	660926	99.00	ug/l	100
69) o-Xylene	10.71	106	316225	49.15	ug/l	100
70) Styrene	10.72	104	534094	49.24	ug/l	100
71) Bromoform	10.87	173	178382	50.46	ug/l	100
73) Isopropylbenzene	11.02	105	866938	49.01	ug/l	100
74) N-amyl acetate	6.47	43	375085	47.09	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	243837	47.50	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	234143m	48.70	ug/l	
77) Bromobenzene	11.26	156	247886	47.82	ug/l	100
78) n-propylbenzene	11.37	91	991259	49.00	ug/l	100
79) 2-Chlorotoluene	11.43	91	577009	48.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	746738	49.09	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	83806	47.94	ug/l	99
82) 4-Chlorotoluene	11.52	91	695143	48.16	ug/l	100
83) tert-Butylbenzene	11.77	119	771624	49.58	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	770975	49.10	ug/l	100
85) sec-Butylbenzene	11.95	105	914206	49.80	ug/l	99
86) p-Isopropyltoluene	12.07	119	854340	49.90	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	465129	48.48	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	473314	48.14	ug/l	99
89) n-Butylbenzene	12.40	91	758579	50.20	ug/l	100
90) Hexachloroethane	12.60	117	146224	50.48	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	449891	48.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59790	46.49	ug/l	99

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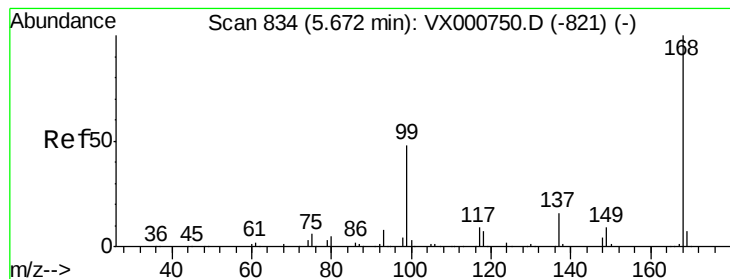
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	394263	49.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	199455	51.32	ug/l	100
95) Naphthalene	13.84	128	988977	48.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	377776	49.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

Tot Ion:168 Resp: 331312

Ion Ratio Lower Upper

168 100

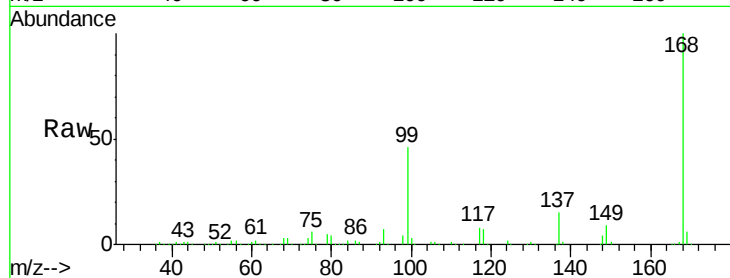
99 46.1 38.3 57.5

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

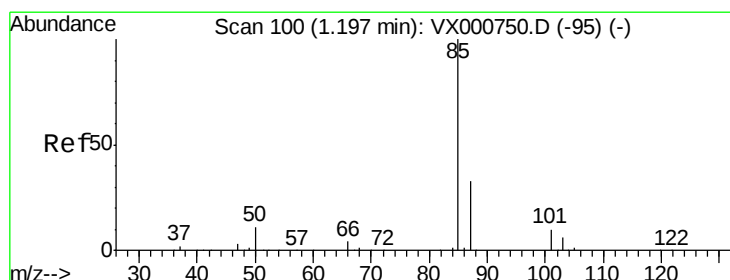
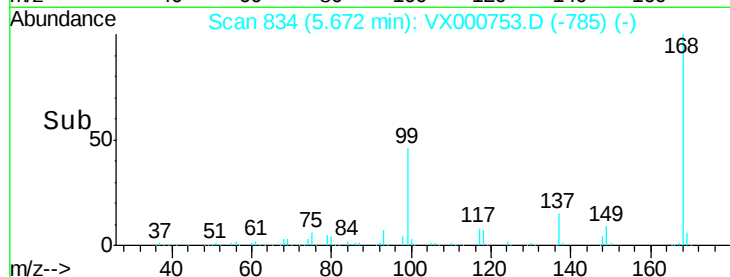
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000753.D

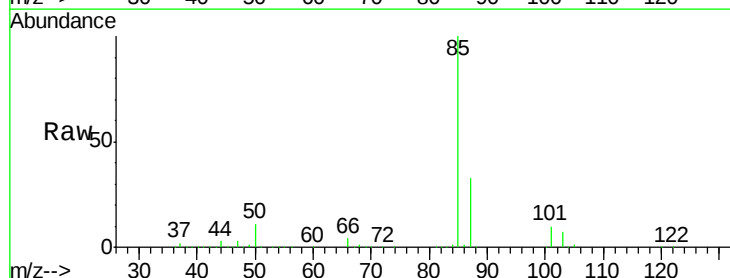
Acq: 10 Apr 2018 16:45

Tgt Ion: 85 Resp: 185559

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

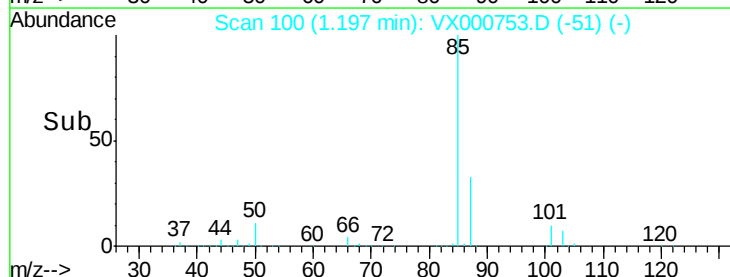
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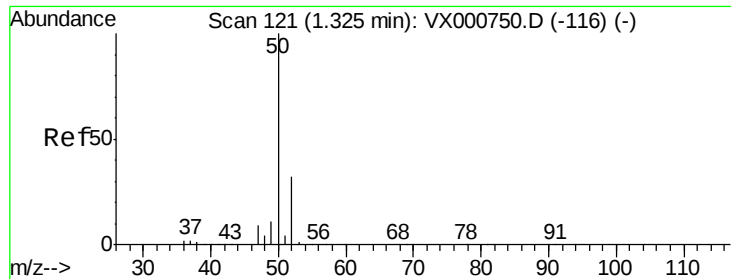
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50000

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Time-->





#3

Chloromethane

Concen: 47.43 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

Tot Ion: 50 Resp: 152102

Ion Ratio Lower Upper

50 100

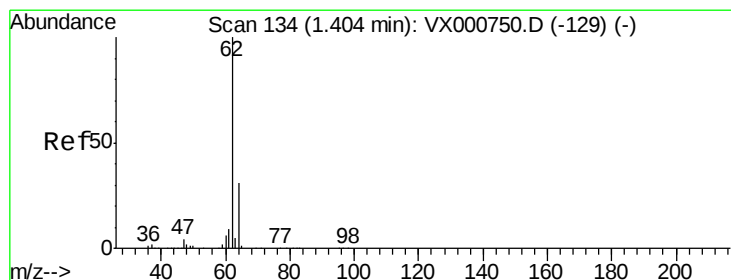
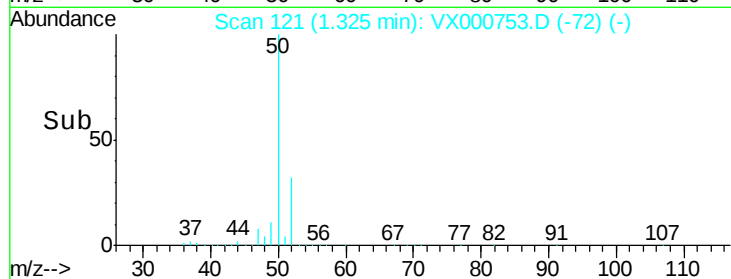
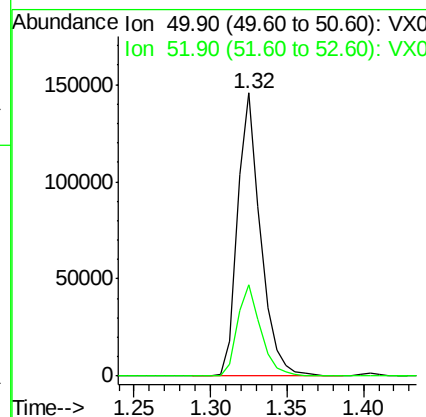
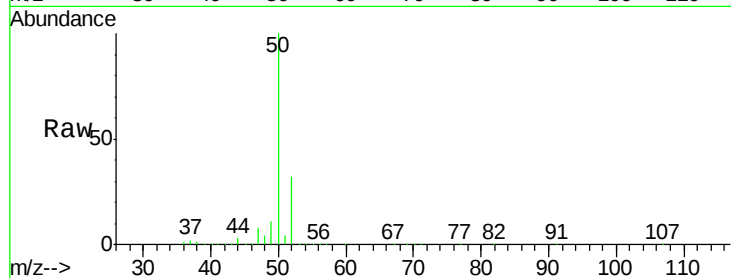
52 32.2 25.8 38.8

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#4

Vinyl Chloride

Concen: 47.20 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000753.D

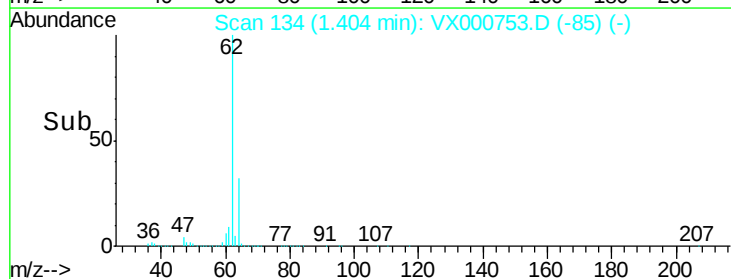
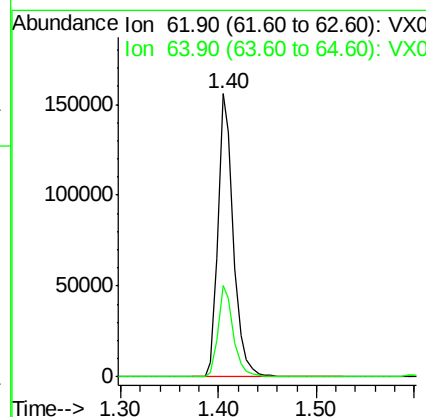
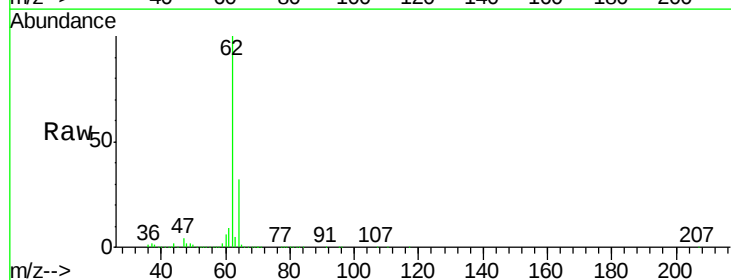
Acq: 10 Apr 2018 16:45

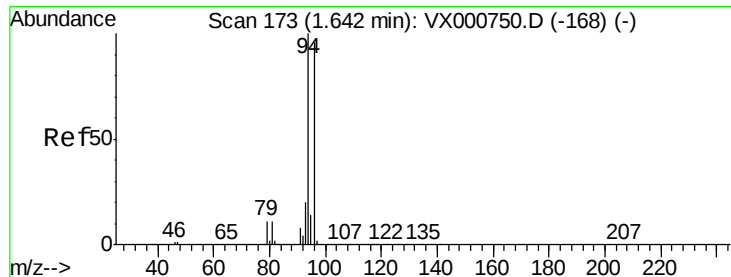
Tgt Ion: 62 Resp: 170235

Ion Ratio Lower Upper

62 100

64 32.5 24.6 36.8





#5

Bromomethane

Concen: 49.38 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

Tot Ion: 94 Resp: 73748

Ion Ratio Lower Upper

94 100

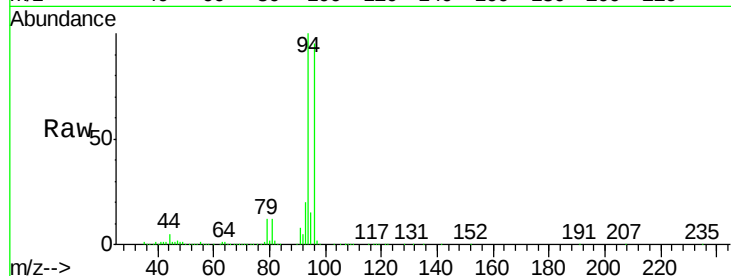
96 95.2 77.0 115.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

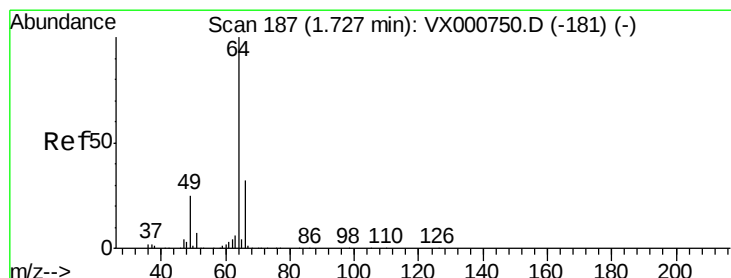
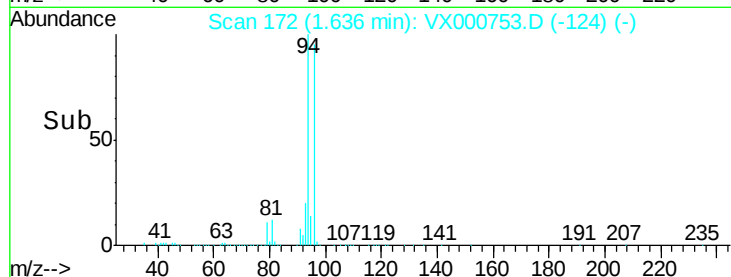
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 44.90 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000753.D

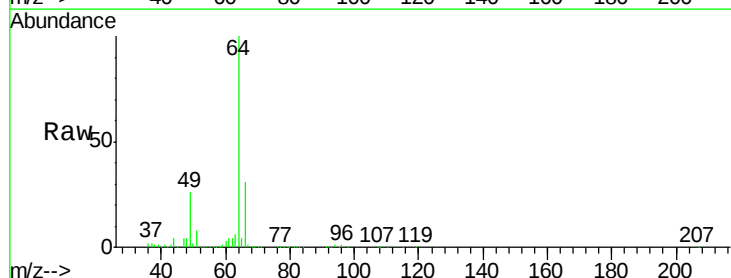
Acq: 10 Apr 2018 16:45

Tgt Ion: 64 Resp: 98144

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

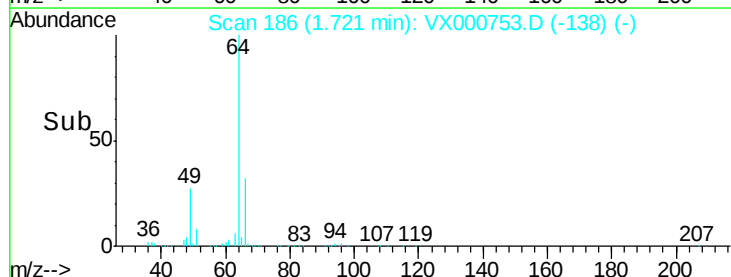
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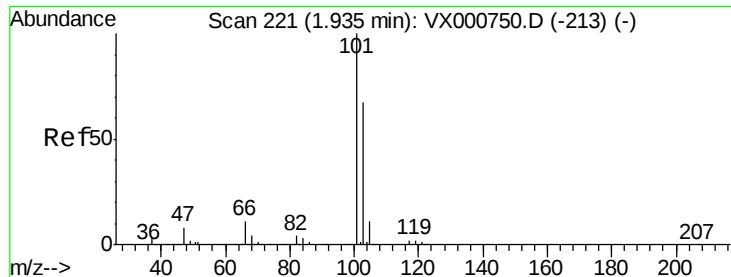
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#7

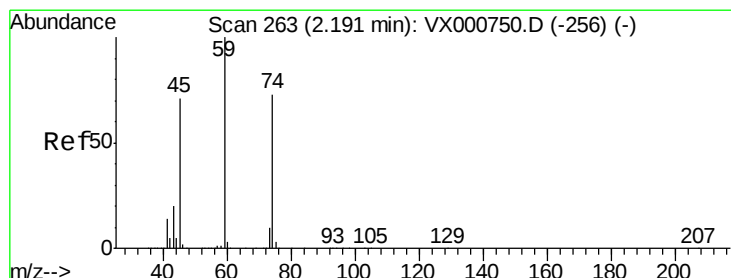
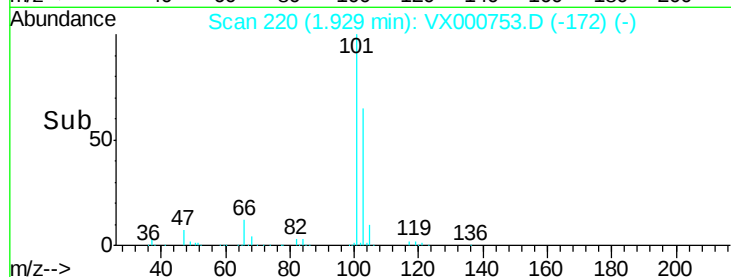
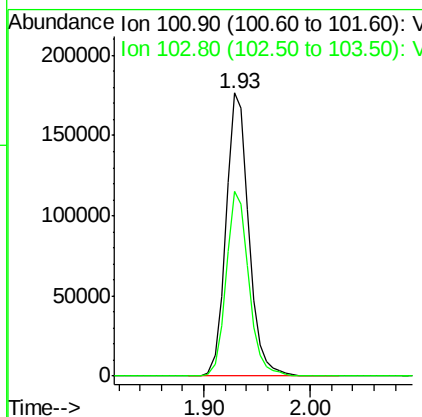
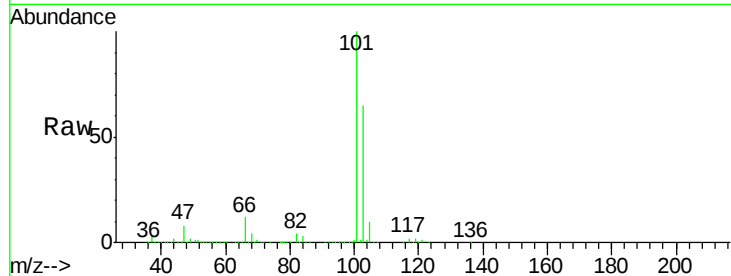
Trichlorofluoromethane
 Concen: 48.59 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.2	79.8

Manual Integrations
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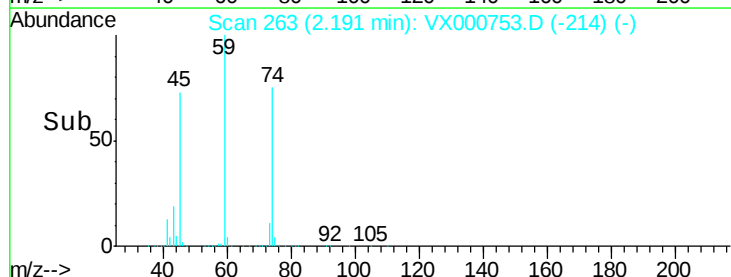
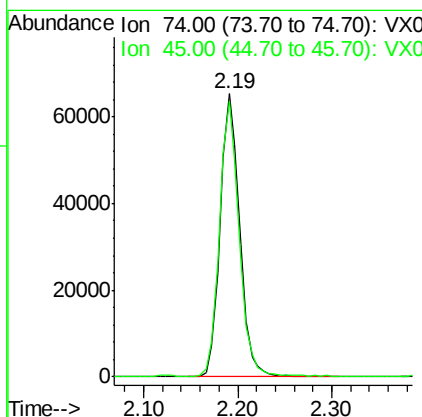
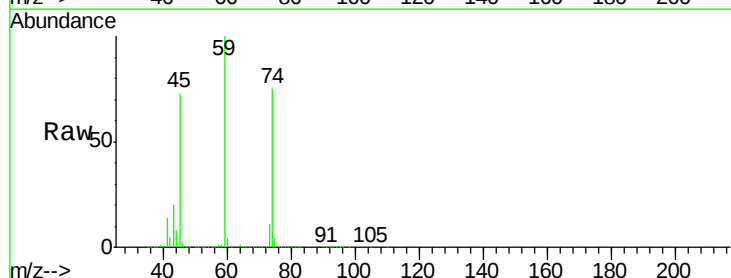
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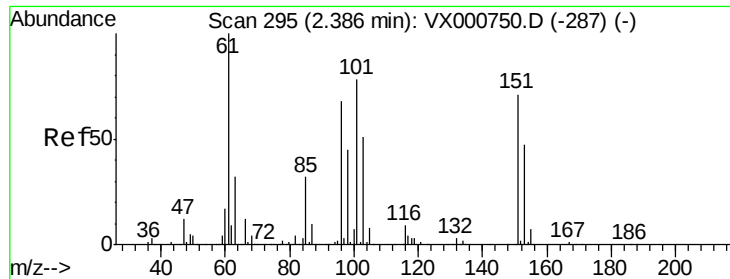


#8

Diethyl Ether
 Concen: 46.19 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.02 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

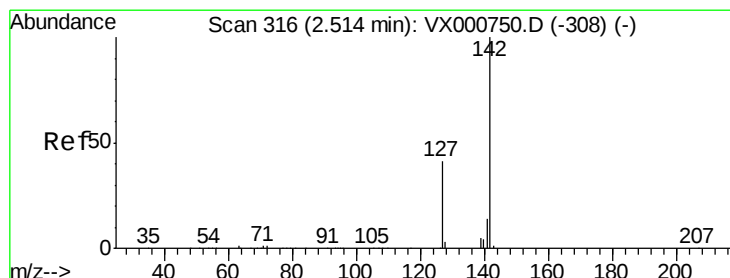
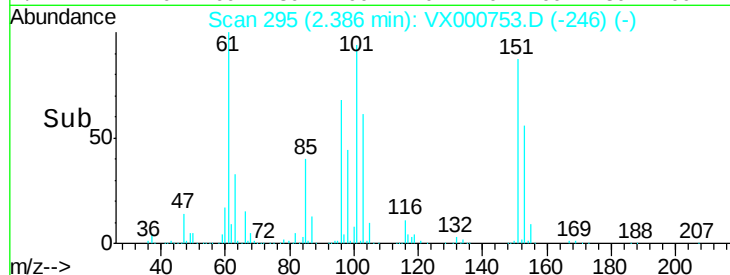
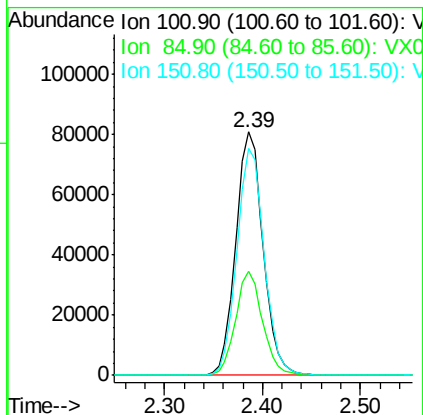
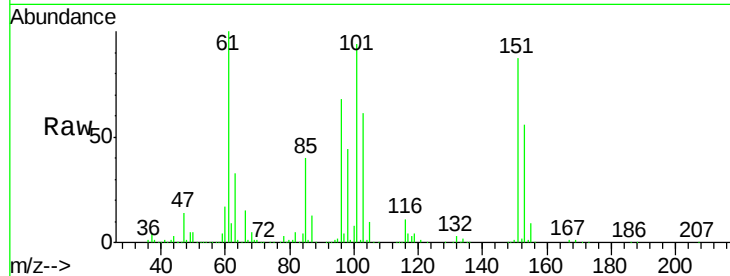
ClientSampled :

ICVVX041018

Tot Ion:	101	Resp:	157293
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.0	51.0
151	93.3	75.8	113.8

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#10

Methyl Iodide

Concen: 41.11 ug/l

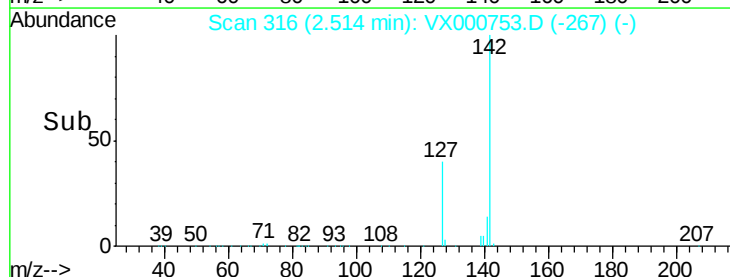
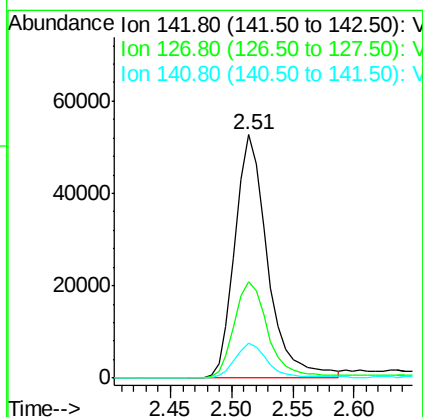
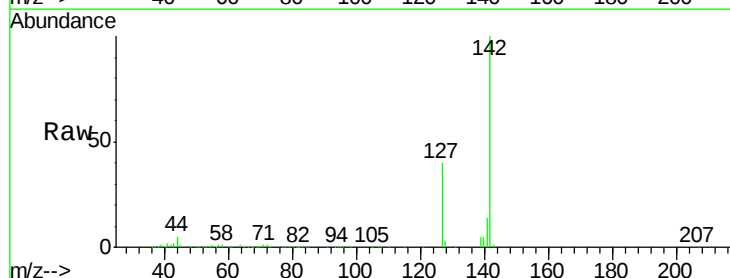
RT: 2.51 min Scan# 316

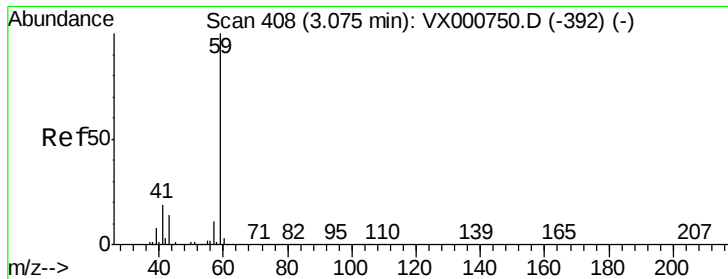
Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion:	142	Resp:	98290
Ion Ratio	Lower	Upper	
142	100		
127	40.9	32.6	49.0
141	14.8	11.5	17.3





#11

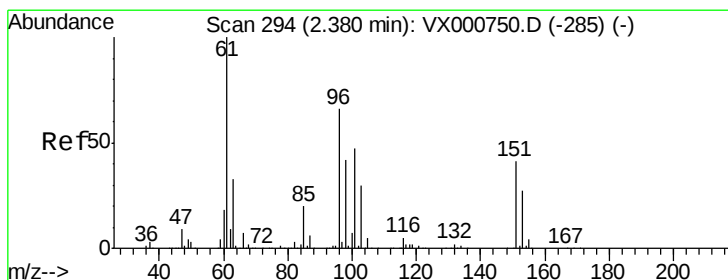
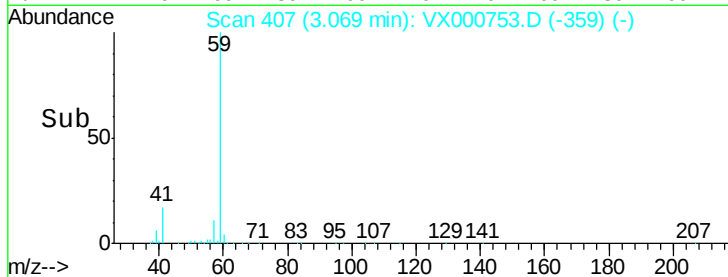
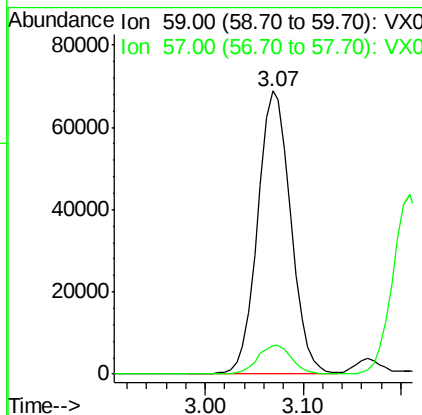
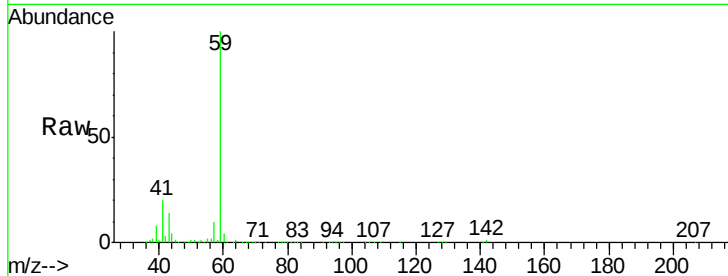
Tert butyl alcohol
Concen: 218.57 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

Manual Integrations
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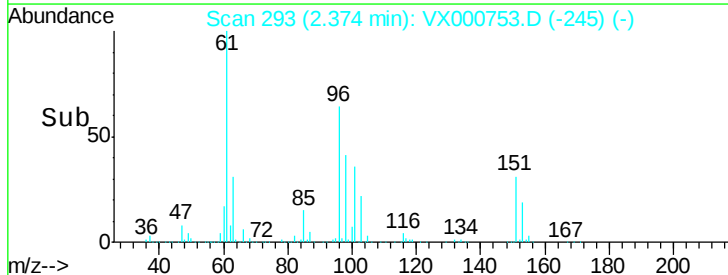
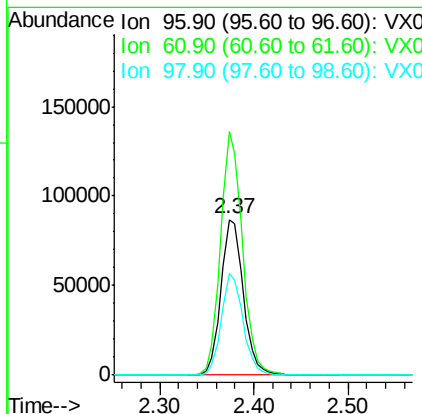
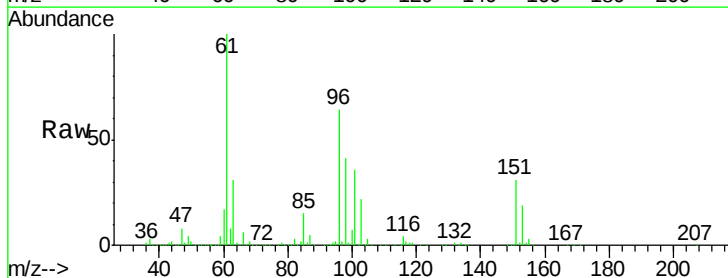
MMDadoda
4/11/2018 11:20:45 AM

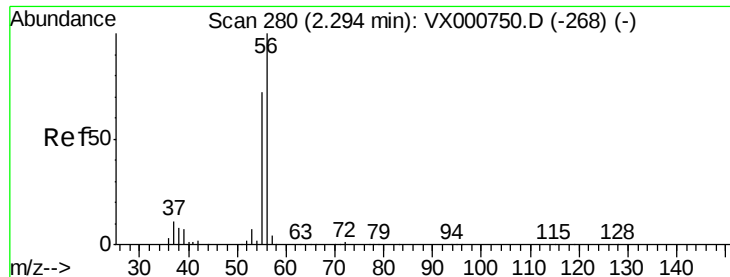


#12

1,1-Dichloroethene
Concen: 46.81 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	120.5	180.7
98	64.8	50.9	76.3





#13

Acrolein

Concen: 242.90 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

Tot Ion: 56 Resp: 87487

Ion Ratio Lower Upper

56 100

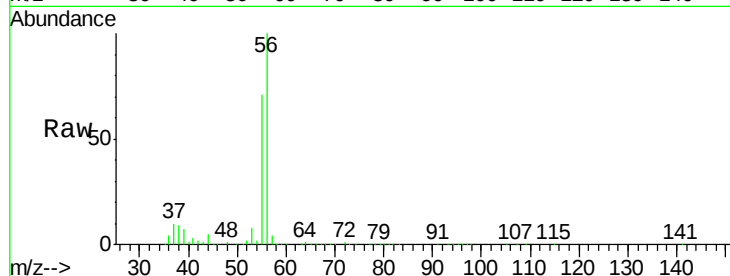
55 71.7 58.7 88.1

Manual Integrations

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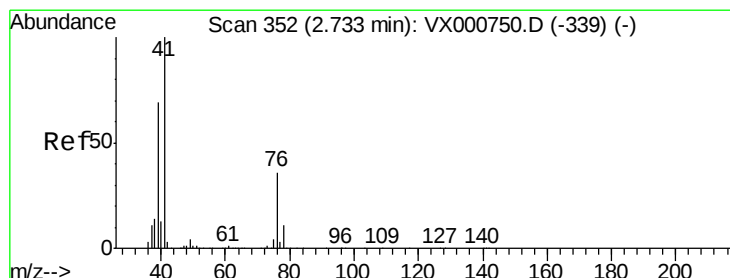
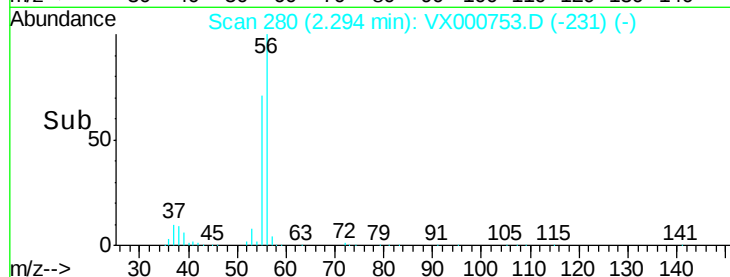
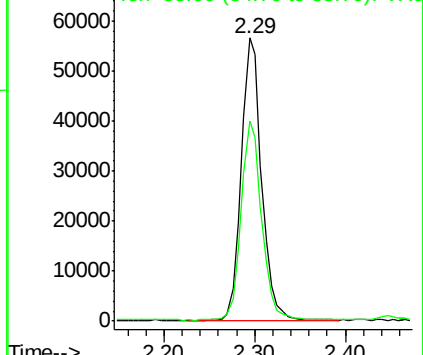
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.88 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

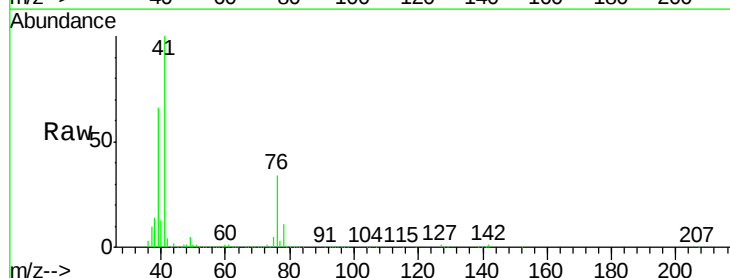
Tgt Ion: 41 Resp: 257997

Ion Ratio Lower Upper

41 100

39 64.7 51.5 77.3

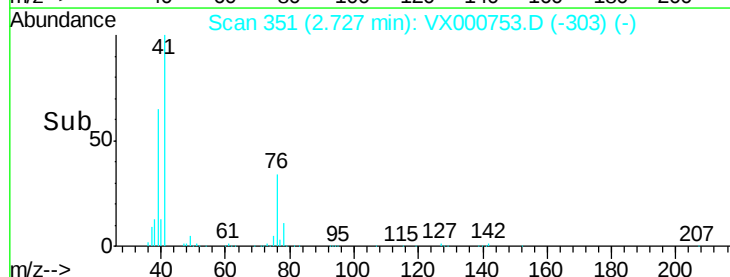
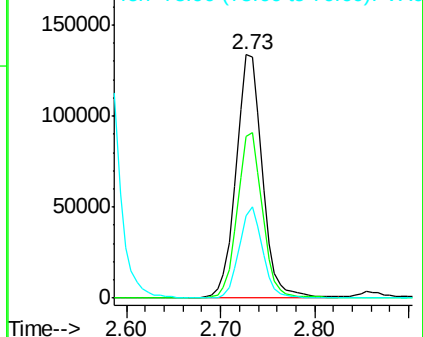
76 33.5 26.5 39.7

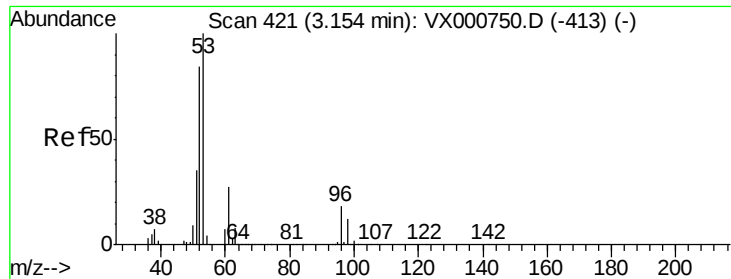


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 229.84 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

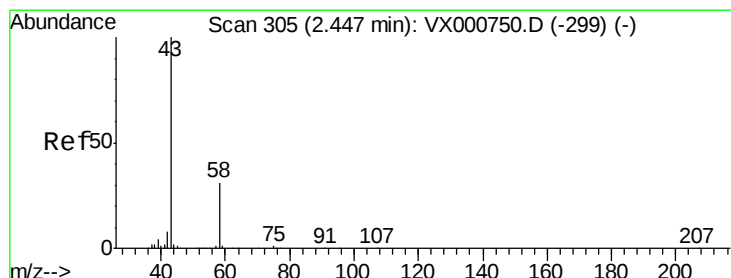
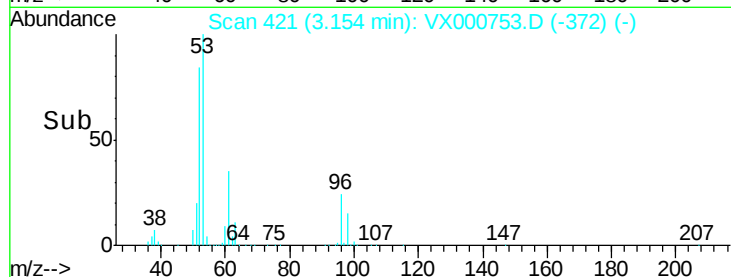
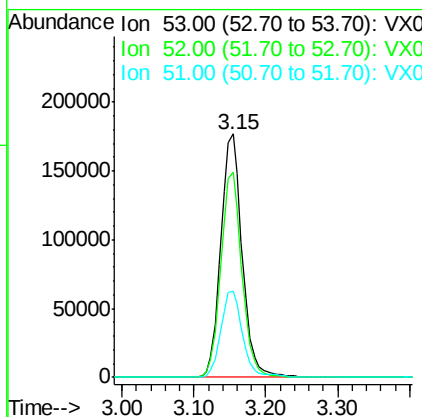
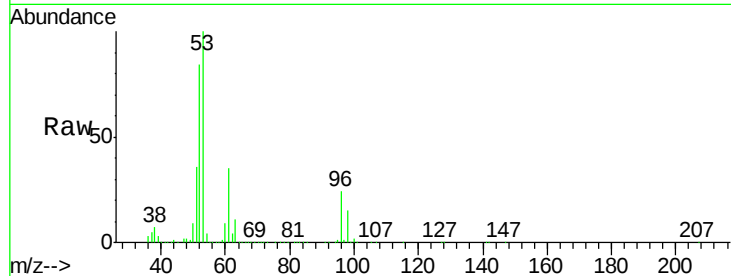
ClientSampleId :

ICVVX041018

Tot Ion:	53	Resp:	363444
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.5	99.7
51	36.2	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 232.47 ug/l

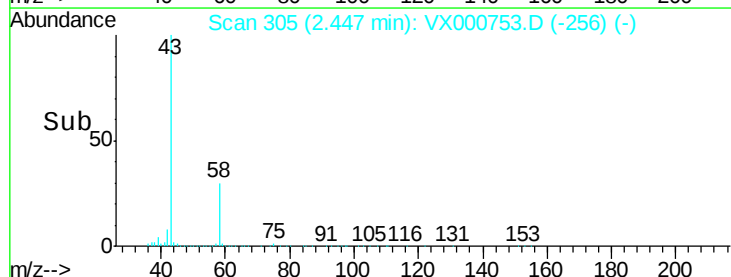
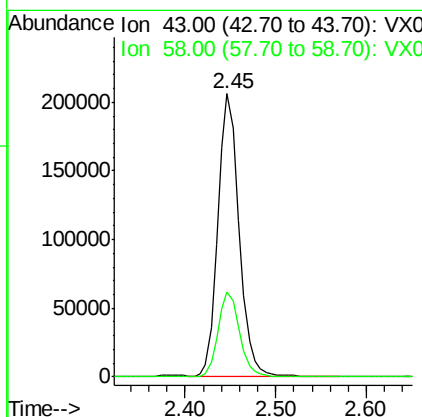
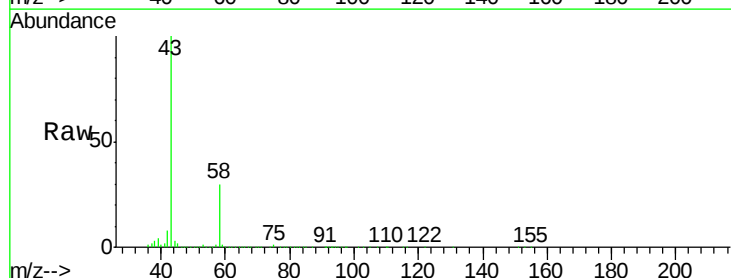
RT: 2.45 min Scan# 305

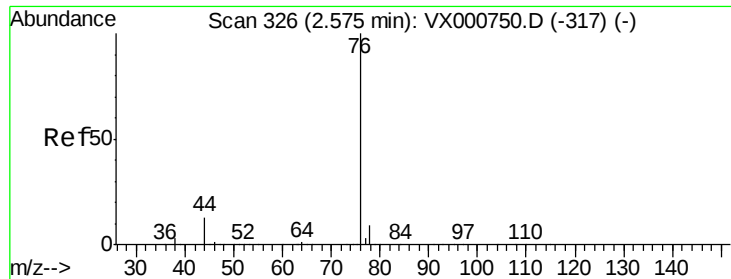
Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion:	43	Resp:	334893
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.6	37.0





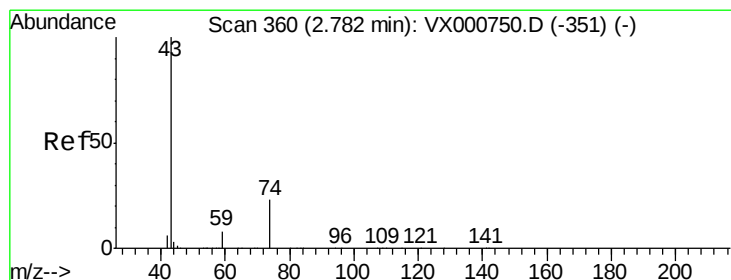
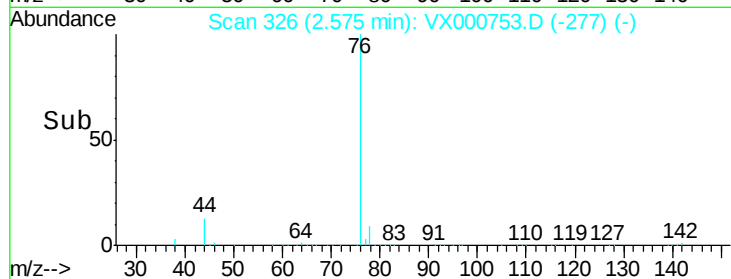
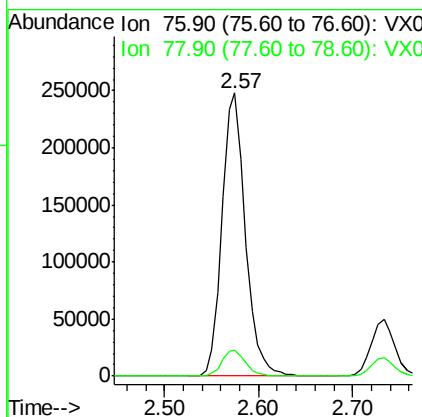
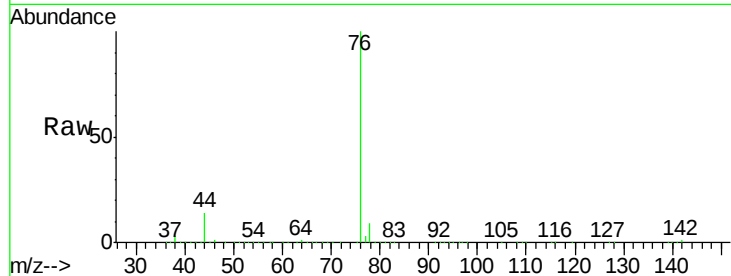
#17
Carbon Disulfide
Concen: 46.33 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

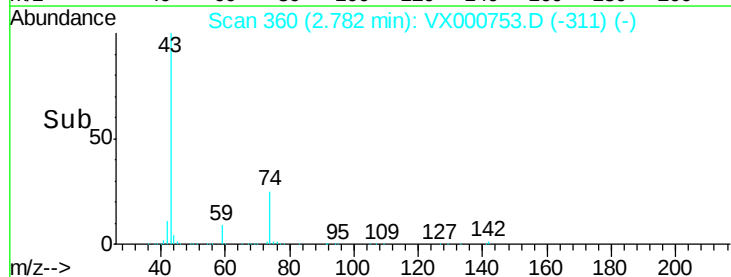
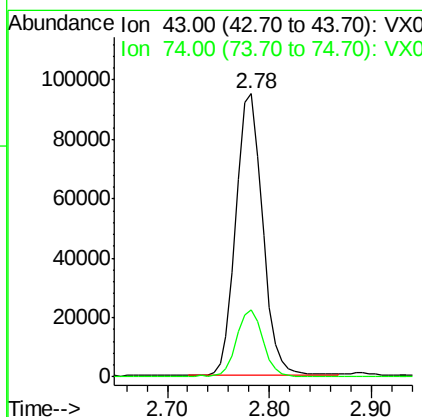
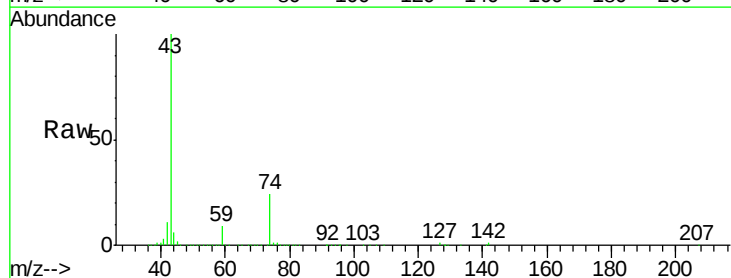
Manual Integrations
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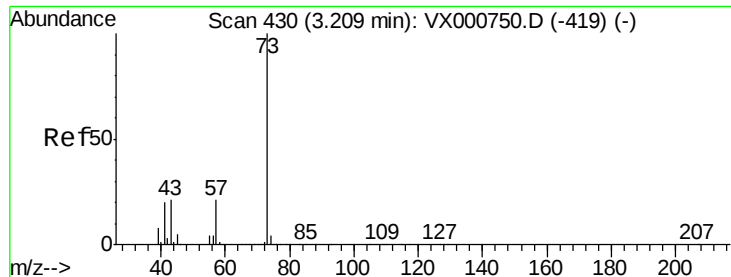
MMDadoda
4/11/2018 11:20:45 AM



#18
Methyl Acetate
Concen: 46.54 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.1	28.7





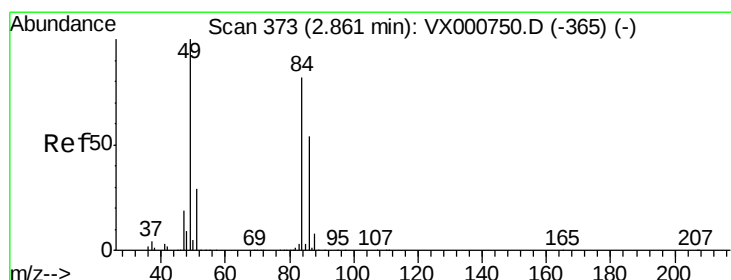
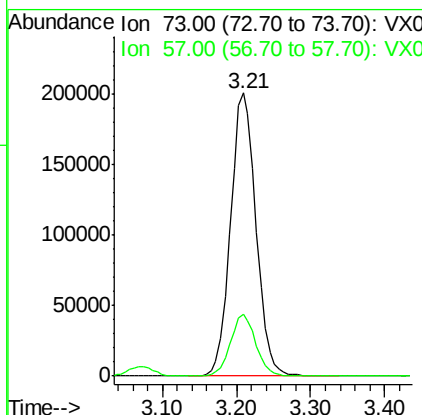
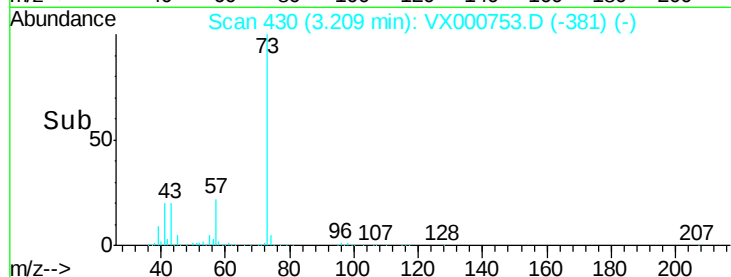
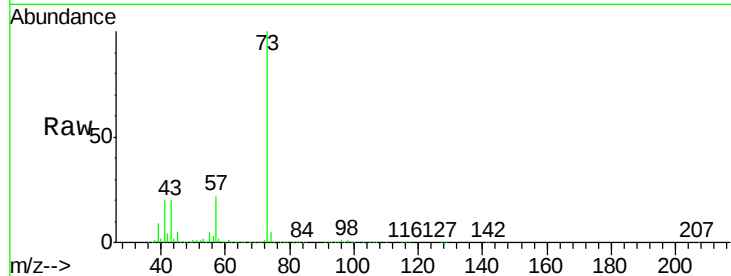
#19
Methvl tert-butvl Ether
Concen: 47.23 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.9	25.3

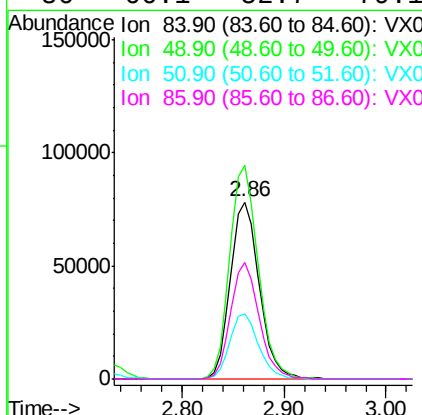
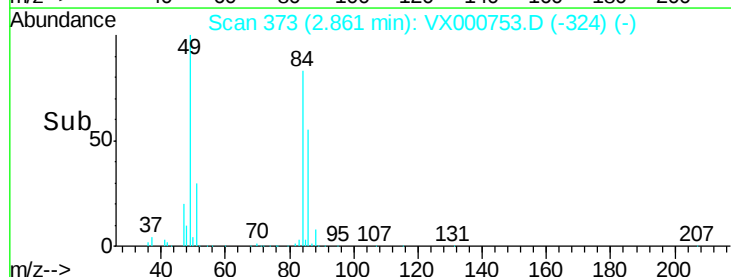
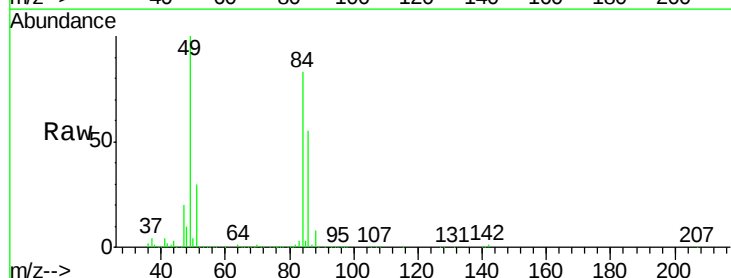
Manual Integrations
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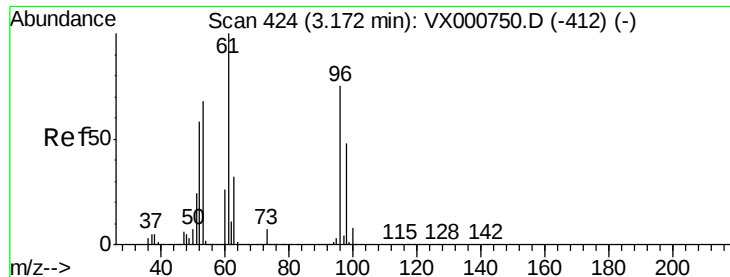
MMDadoda
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#20
Methylene Chloride
Concen: 45.73 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	98.1	147.1
51	36.7	28.9	43.3
86	66.1	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 45.84 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

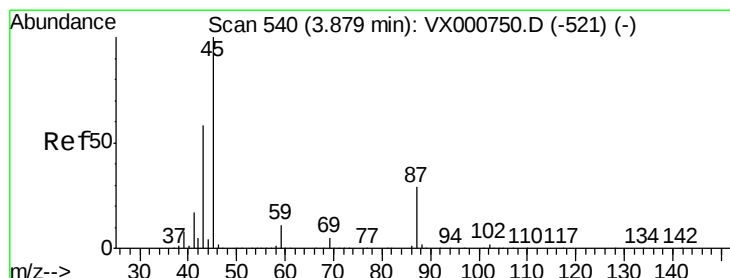
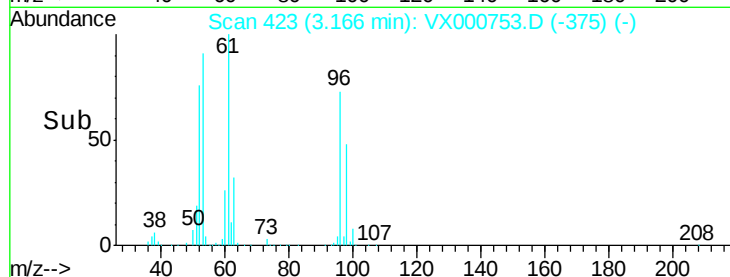
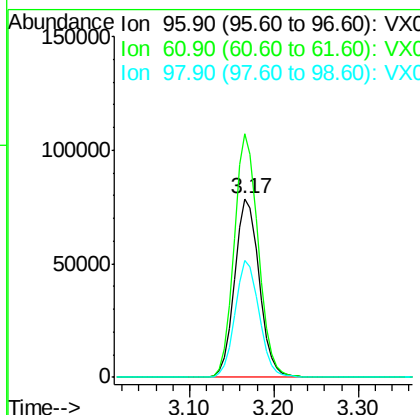
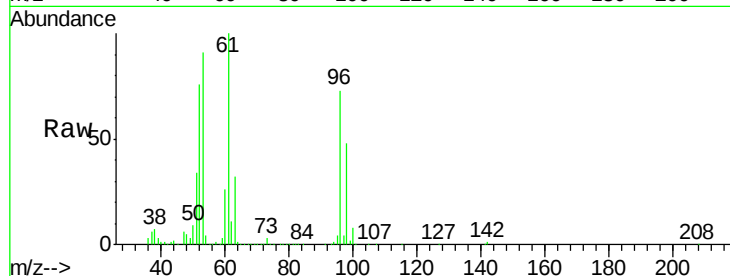
ClientSampled :

ICVVX041018

Tot Ion:	96	Resp:	153720
Ion	Ratio	Lower	Upper
96	100		
61	136.2	106.2	159.2
98	65.7	51.2	76.8

Manual Integrations
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4/11/2018 11:20:45 AM



#22

Diisopropyl ether

Concen: 46.05 ug/l

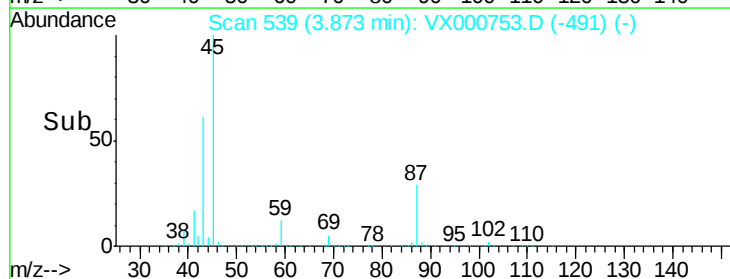
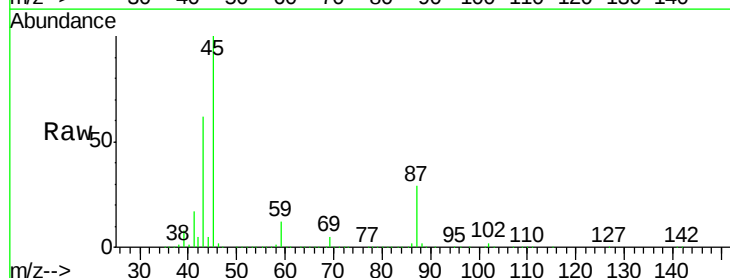
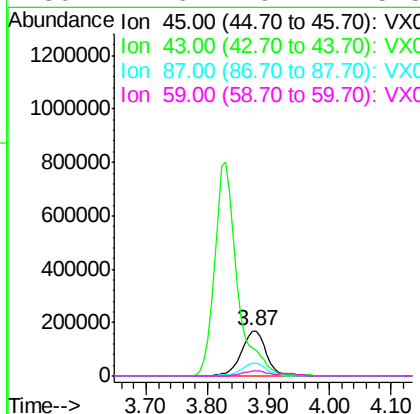
RT: 3.87 min Scan# 539

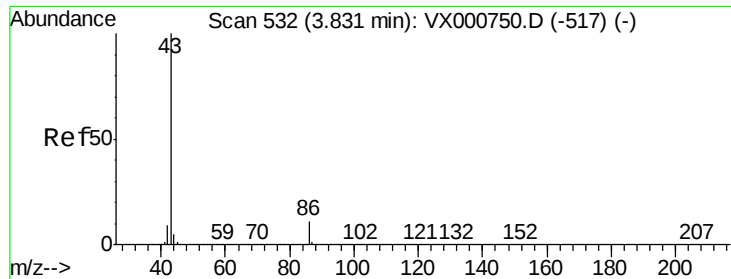
Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion:	45	Resp:	475864
Ion	Ratio	Lower	Upper
45	100		
43	61.2	46.6	69.8
87	28.9	22.9	34.3
59	11.6	9.2	13.8





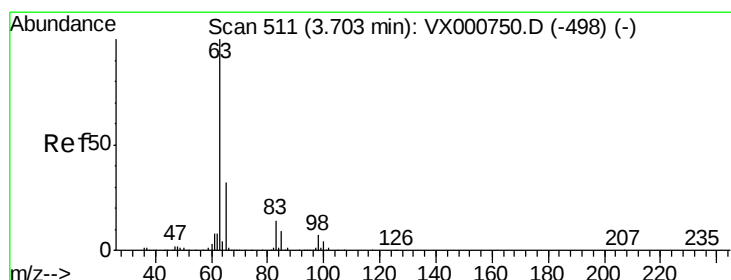
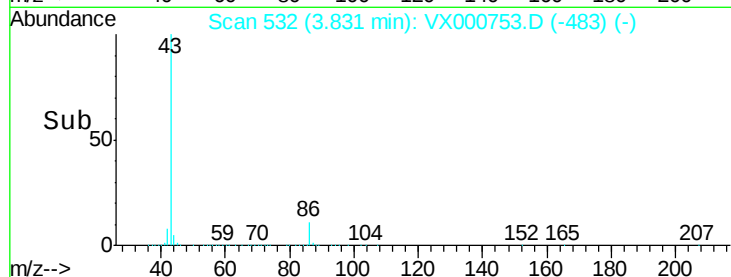
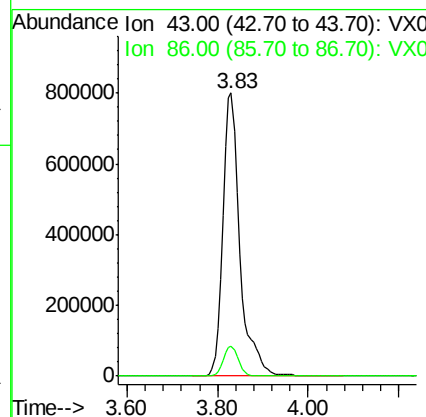
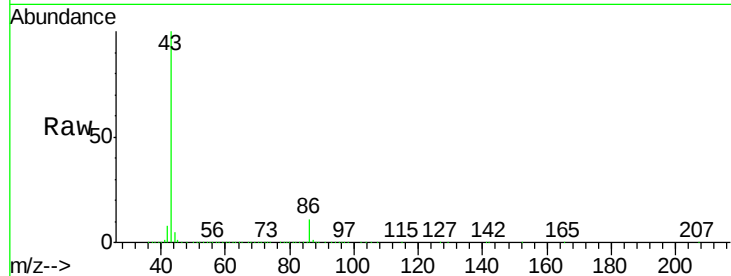
#23
 Vinyl Acetate
 Concen: 229.99 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

Tot Ion: 43 Resp: 2086537
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8

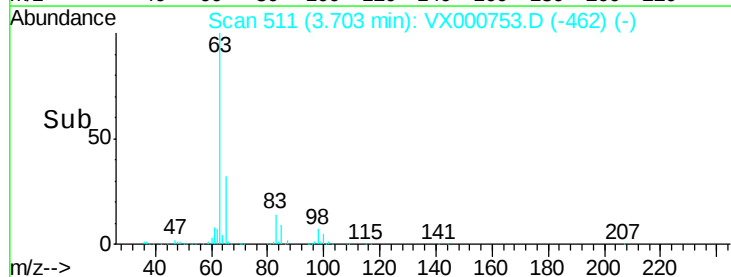
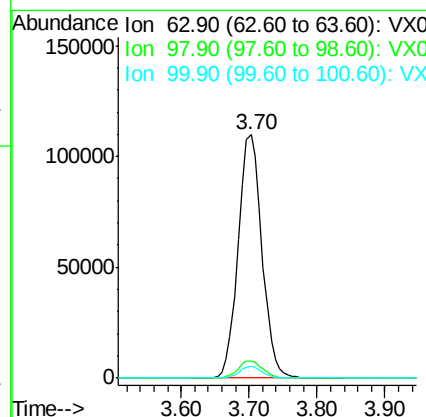
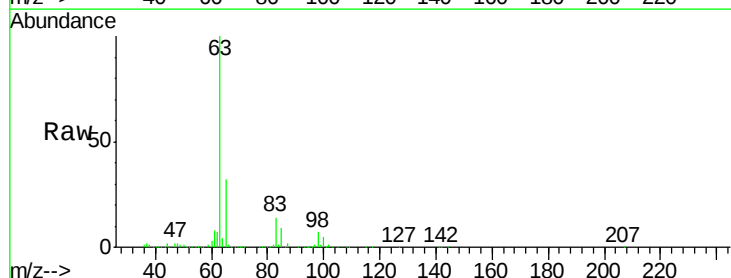
Manual Integrations
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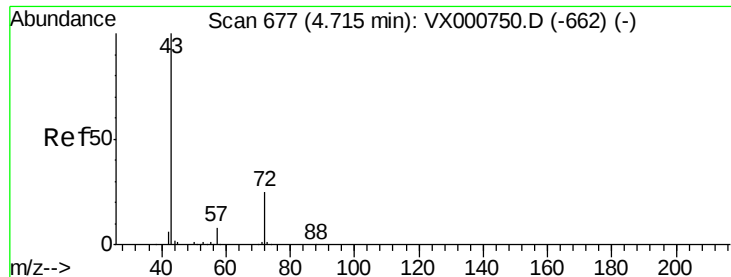
MMDadoda
 4/11/2018 11:20:45 AM



#24
 1,1-Dichloroethane
 Concen: 45.91 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion: 63 Resp: 266215
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 229.50 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tot Ion: 43 Resp: 545960

Ion Ratio Lower Upper

43 100

72 25.4 20.3 30.5

Instrument :

MSVOA_X

ClientSampleId :

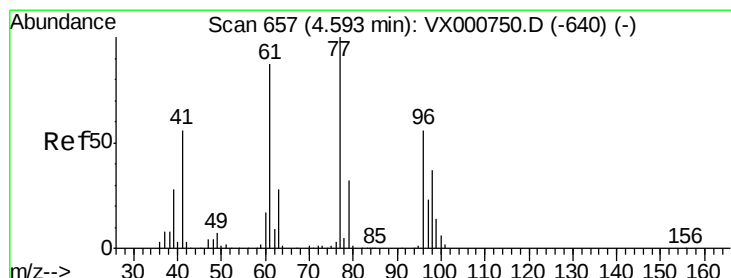
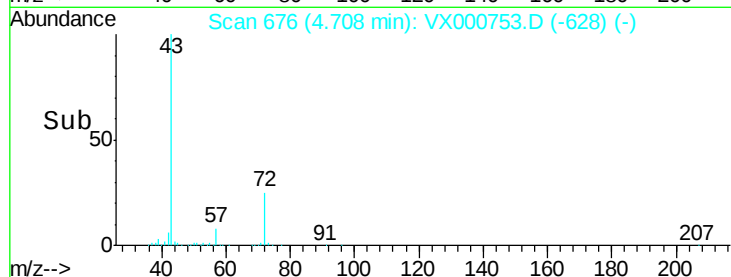
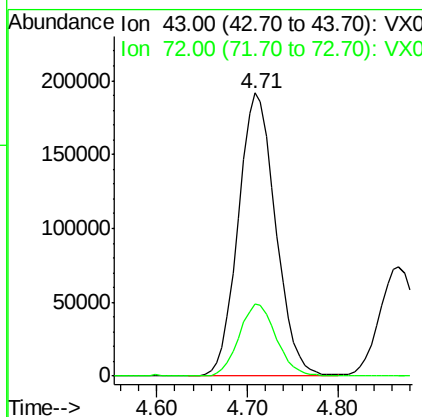
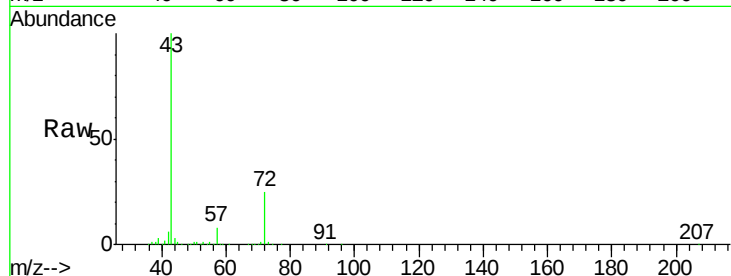
ICVVX041018

Manual Integrations

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4/11/2018 11:20:45 AM



#26

2,2-Dichloropropane

Concen: 47.23 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000753.D

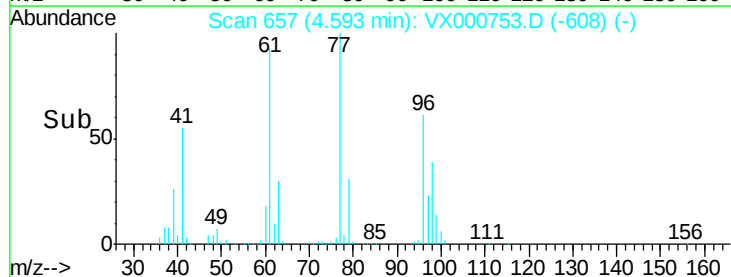
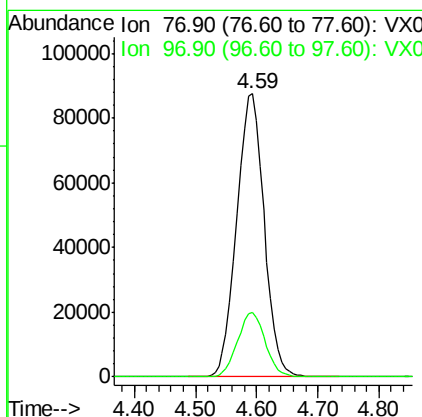
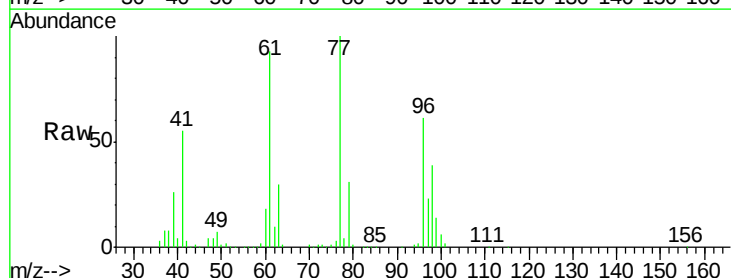
Acq: 10 Apr 2018 16:45

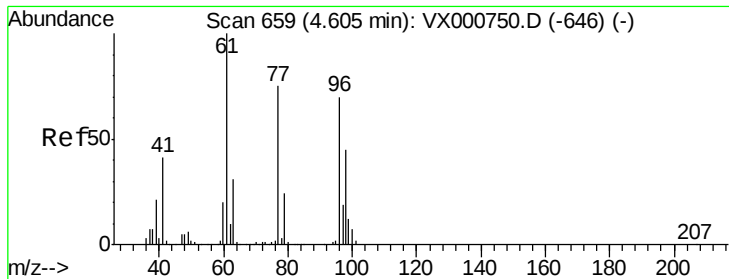
Tgt Ion: 77 Resp: 271799

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

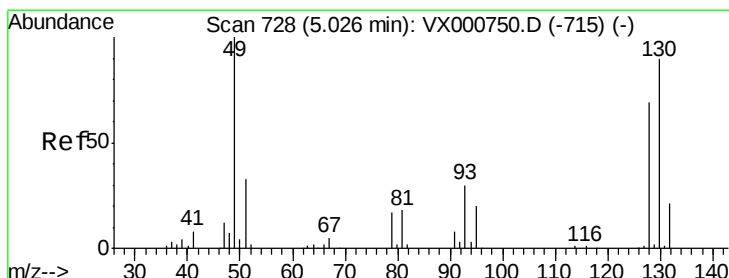
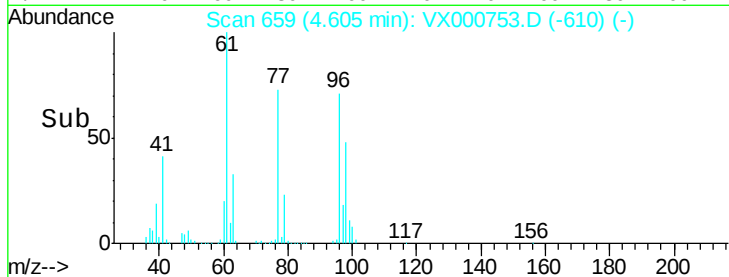
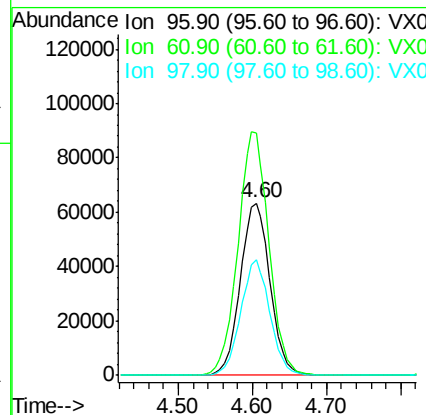
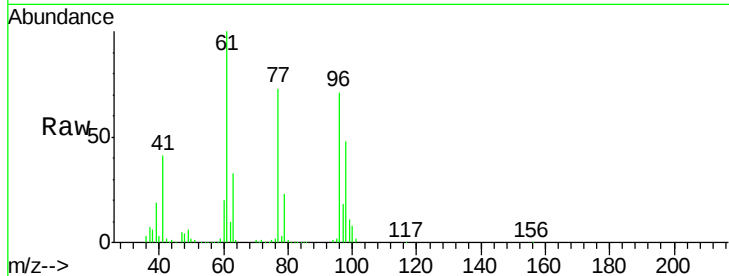
cis-1,2-Dichloroethene
Concen: 46.53 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.3	0.0	292.4	
98	65.9	0.0	130.2	

Manual Integrations
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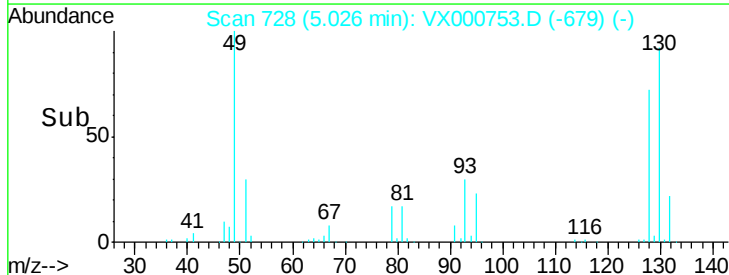
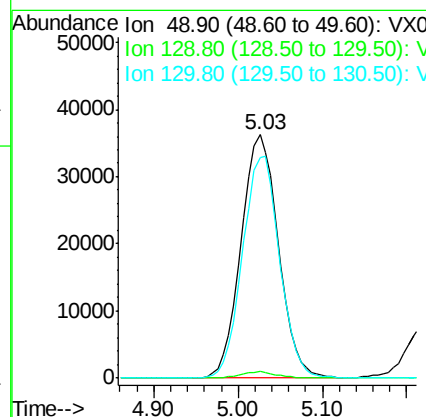
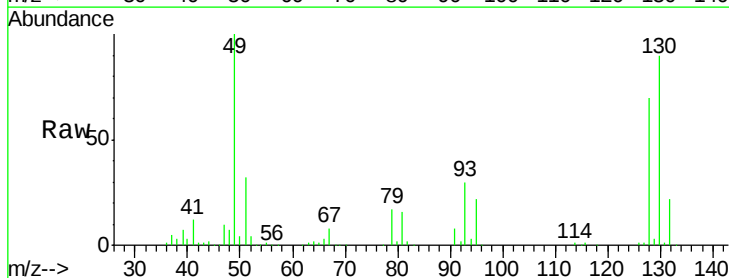
MMDadoda
4/11/2018 11:20:45 AM

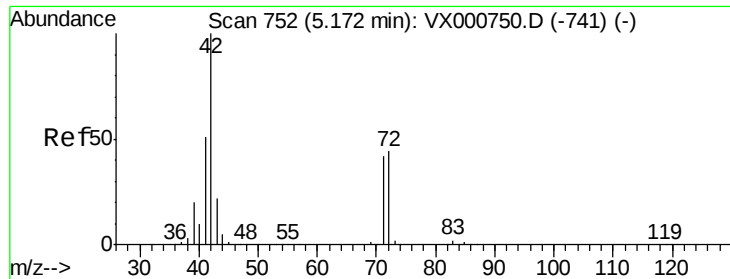


#28

Bromochloromethane
Concen: 46.67 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	5.2	
130	90.3	72.6	109.0	





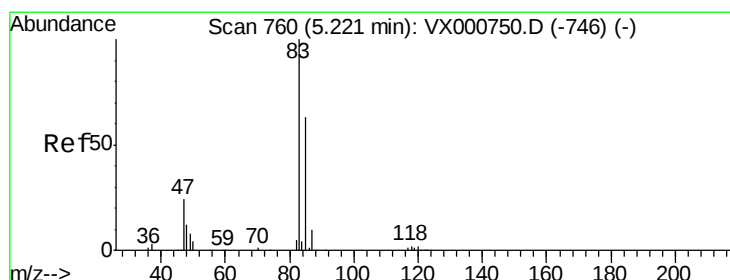
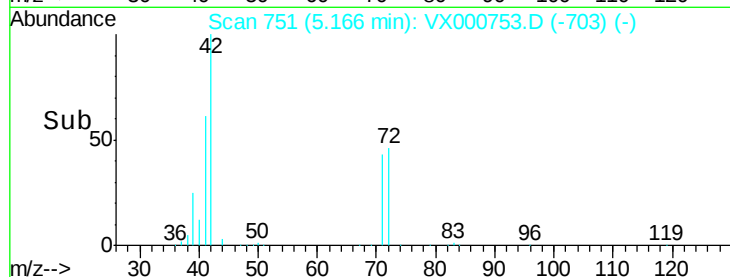
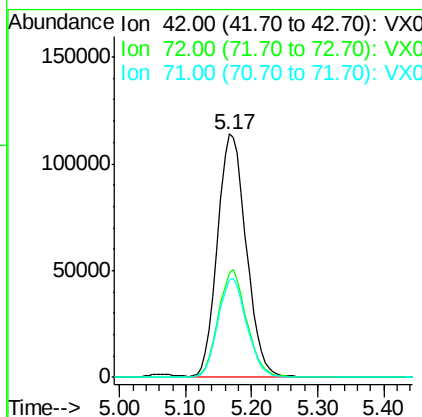
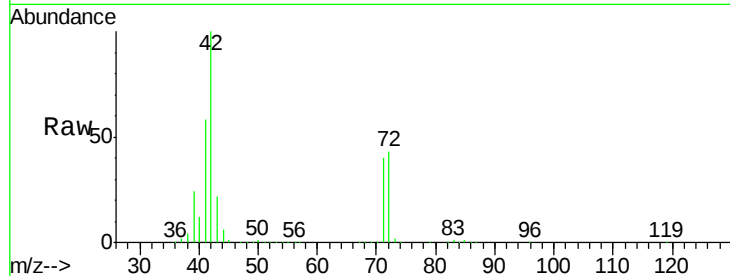
#29
Tetrahydrofuran
Concen: 226.58 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.1	52.7
71	40.8	32.8	49.2

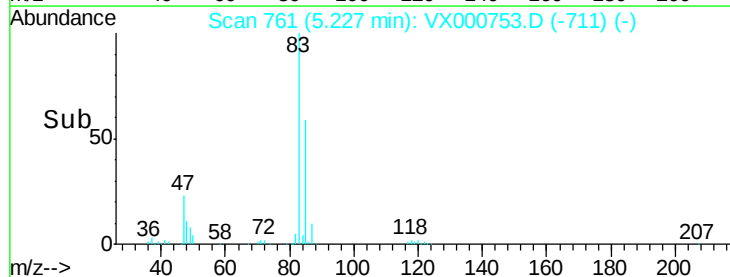
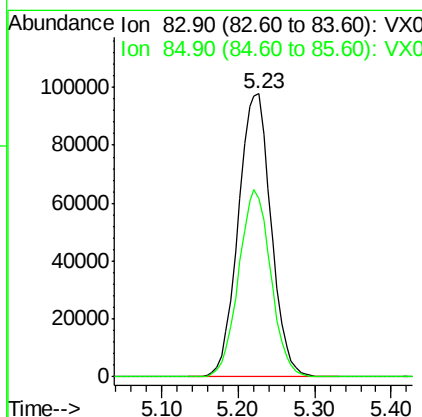
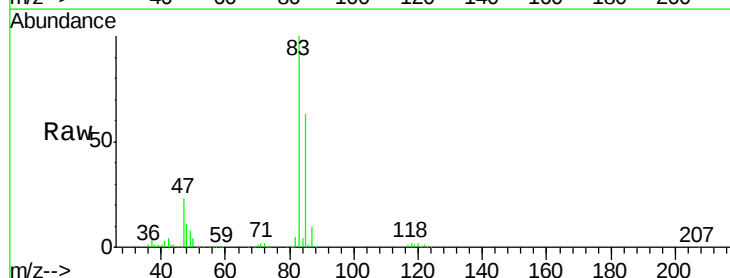
Manual Integrations
APPROVED

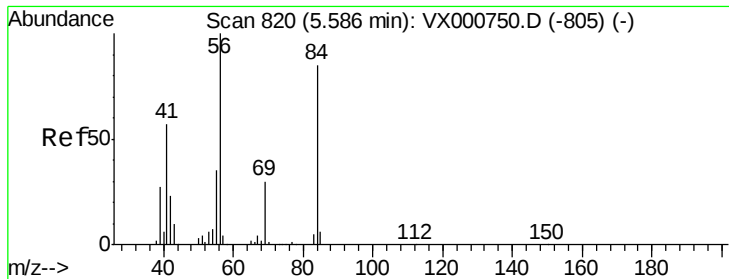
MMDadoda
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#30
Chloroform
Concen: 47.48 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.7	76.1





#31

Cyclohexane

Concen: 47.32 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

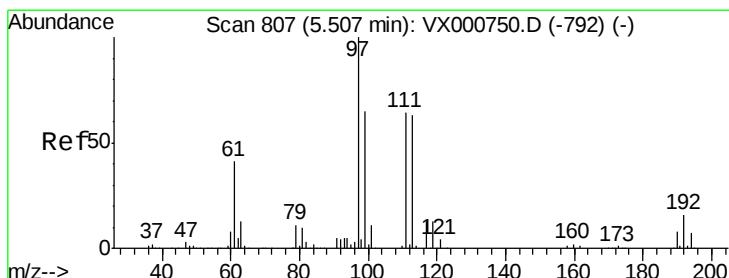
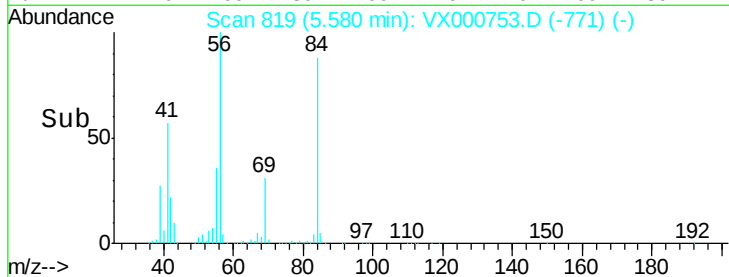
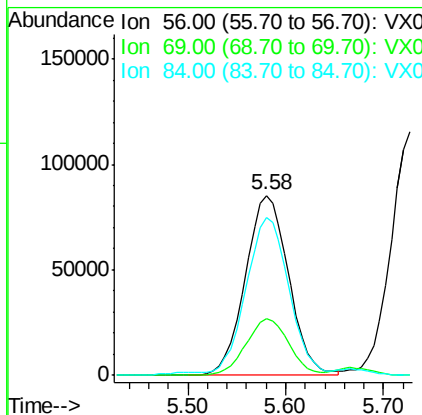
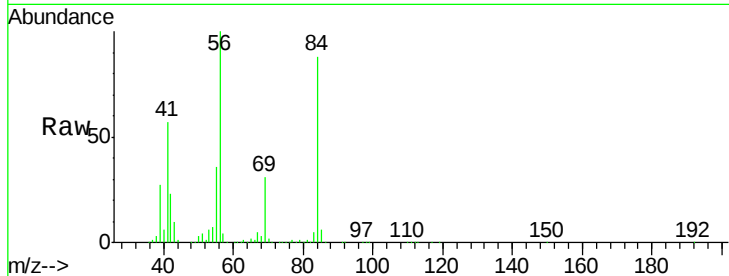
ClientSampled :

ICVVX041018

Tot Ion:	56	Resp:	260588
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.2	36.4
84	86.0	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.50 ug/l

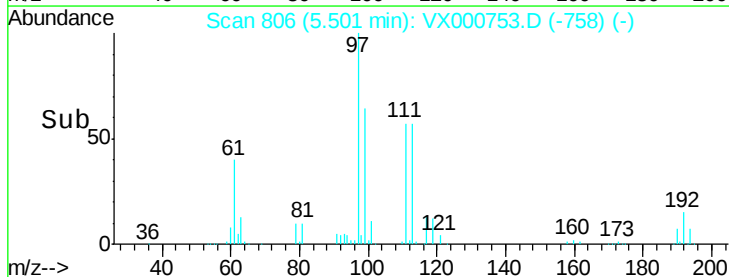
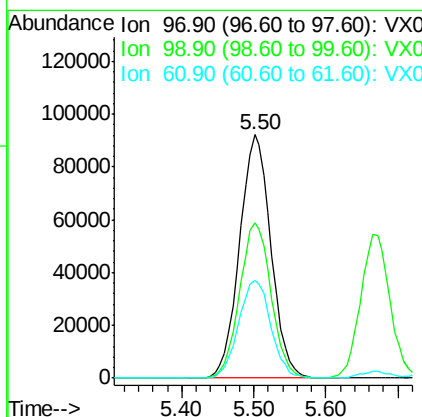
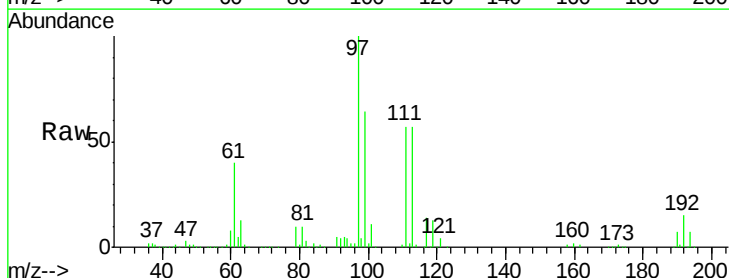
RT: 5.50 min Scan# 806

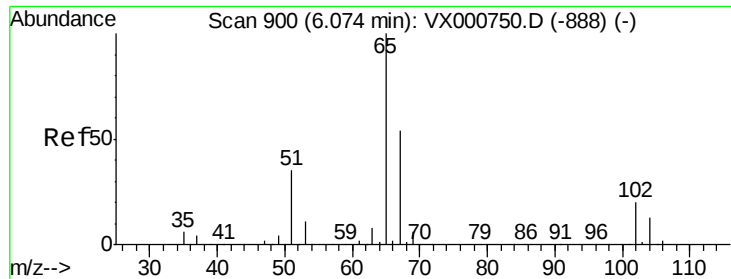
Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion:	97	Resp:	277787
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	41.6	33.7	50.5





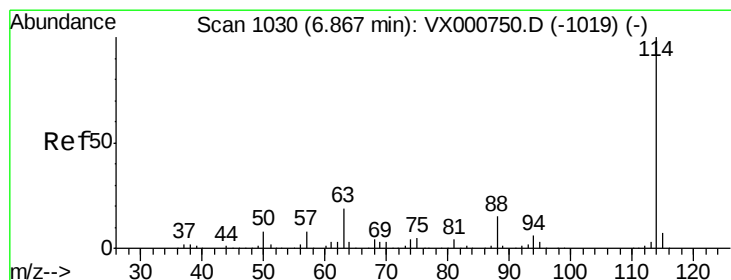
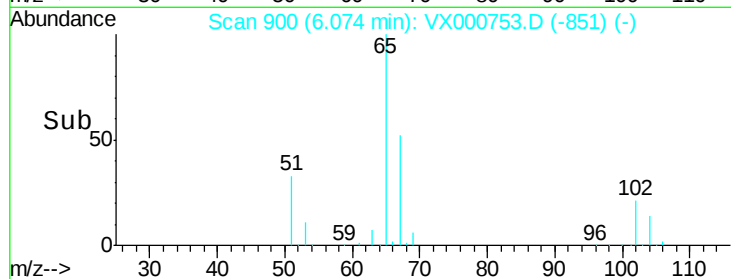
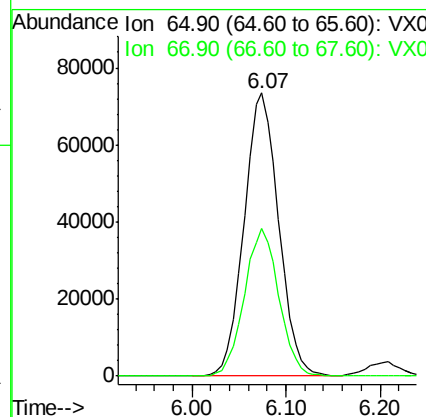
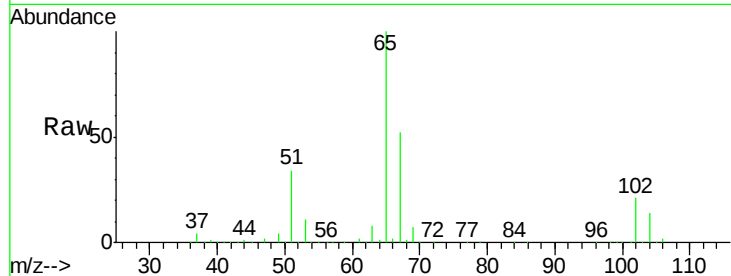
#33
 1,2-Dichloroethane-d4
 Concen: 45.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188988		
67	52.1	0.0	103.8	

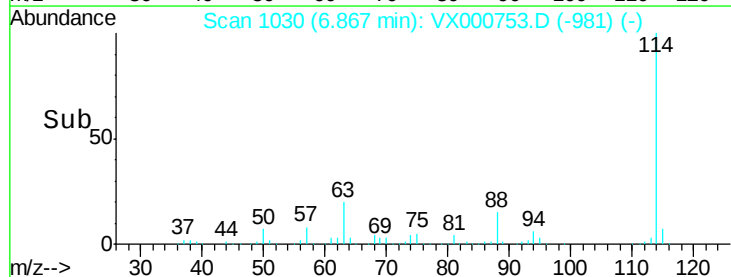
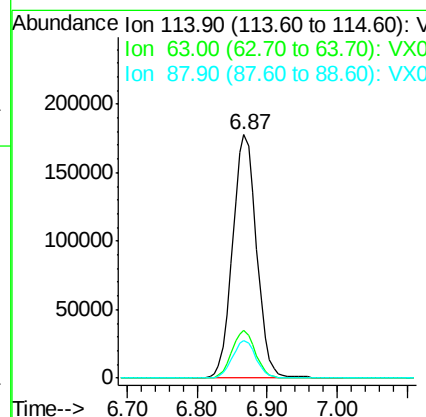
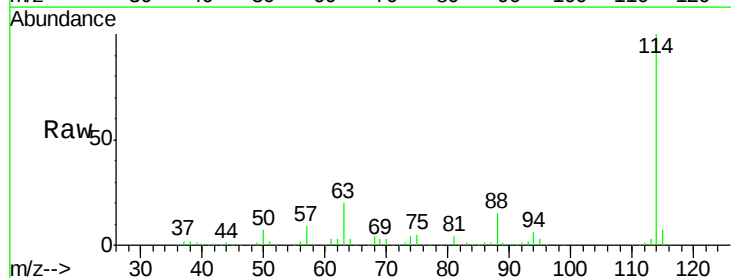
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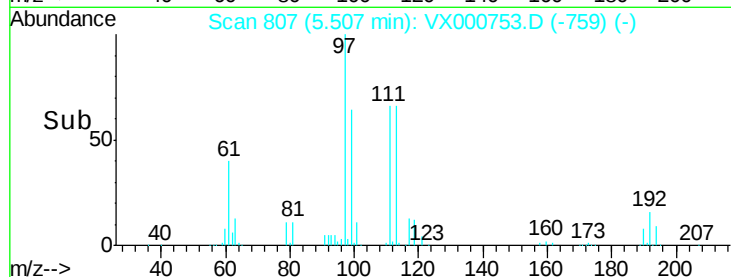
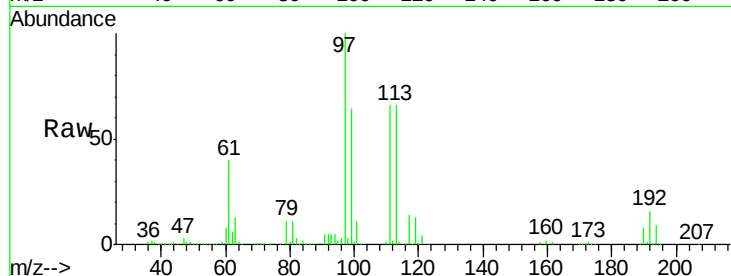
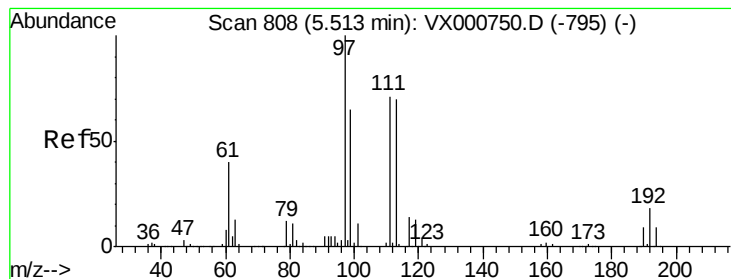
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 4/11/2018 11:20:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	424089		
63	19.8	0.0	38.4	
88	15.3	0.0	31.0	





#35

Dibromofluoromethane

Concen: 49.62 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000753.D

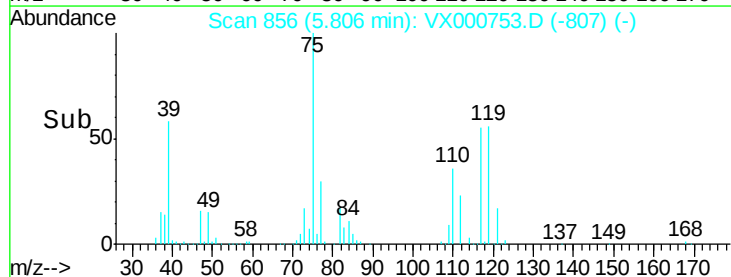
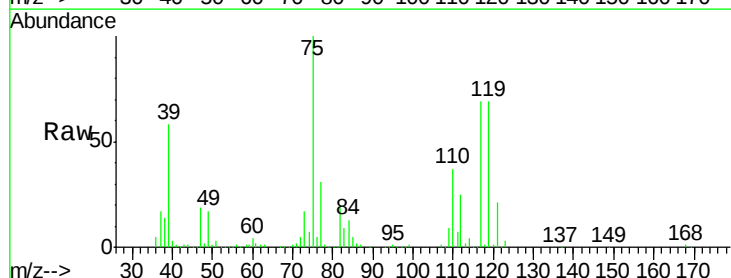
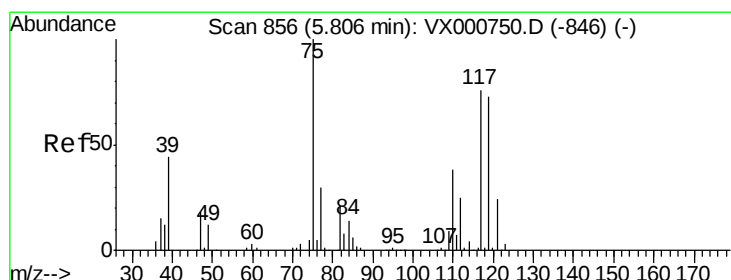
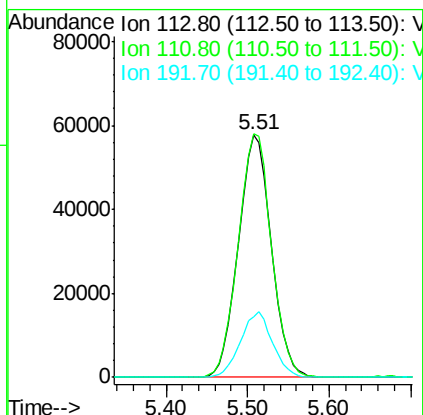
Acq: 10 Apr 2018 16:45

Tot Ion	Ratio	Resp	Lower	Upper
113	100	162136		
111	101.2	81.5	122.3	
192	26.2	20.4	30.6	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

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#36

1,1-Dichloropropene

Concen: 48.40 ug/l

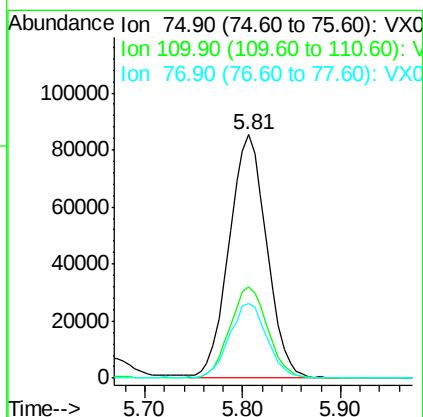
RT: 5.81 min Scan# 856

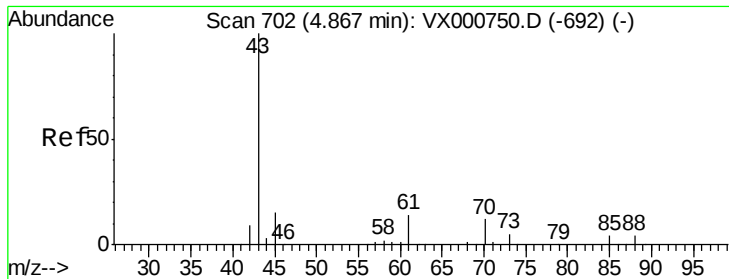
Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	226040		
110	38.0	19.2	57.6	
77	30.6	25.4	38.2	





#37

Ethyl Acetate

Concen: 47.39 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

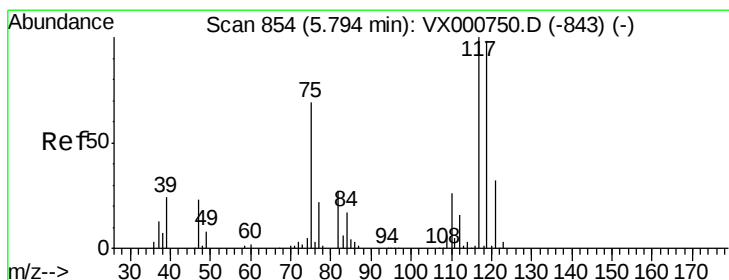
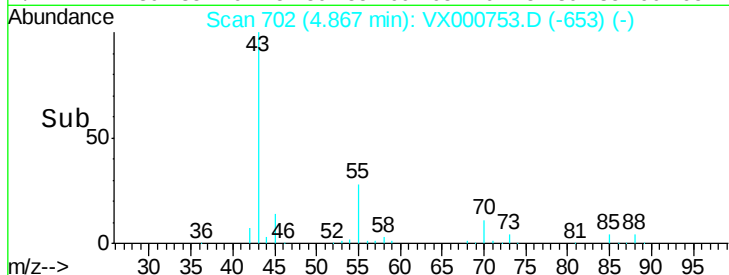
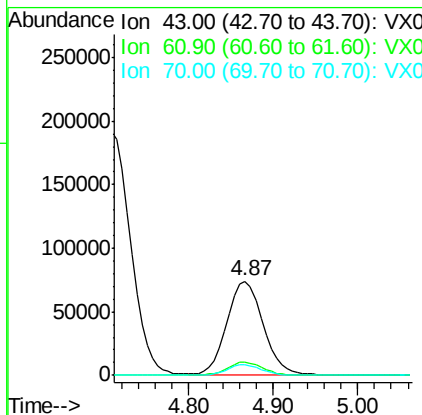
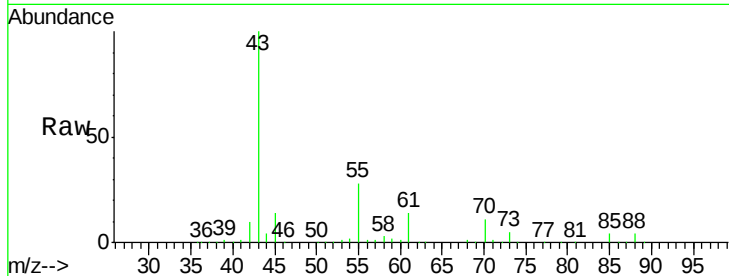
ClientSampleId :

ICVX041018

Tot Ion:	43	Resp:	216062
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.9	8.7	13.1

Manual Integrations
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4/11/2018 11:20:45 AM



#38

Carbon Tetrachloride

Concen: 49.39 ug/l

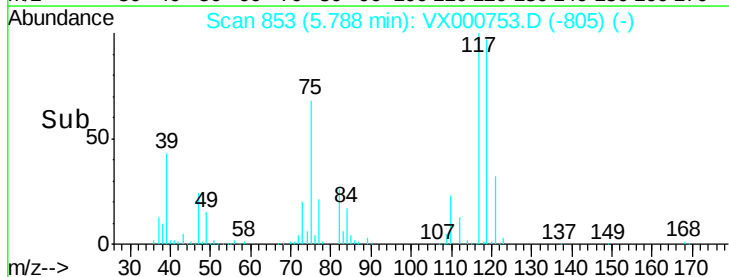
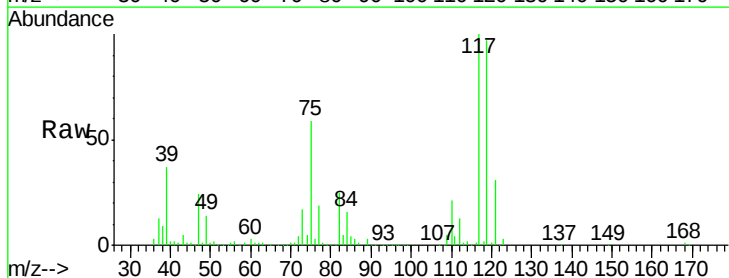
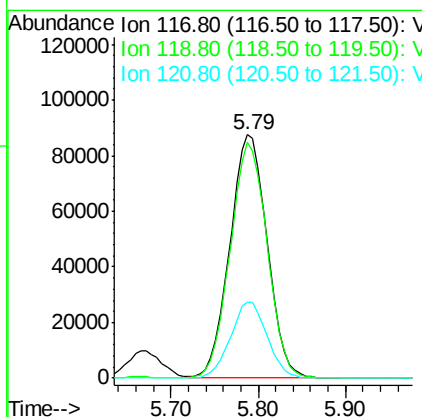
RT: 5.79 min Scan# 853

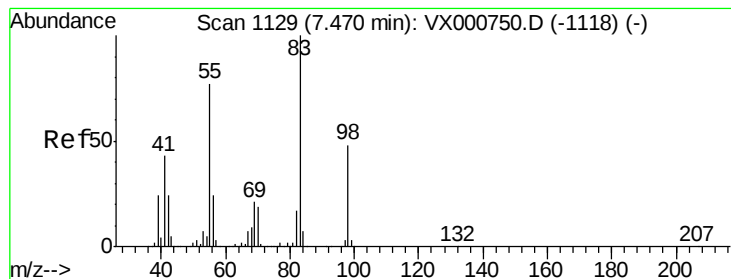
Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion:	117	Resp:	258203
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.4	117.6
121	31.4	25.4	38.0





#39

Methvlcvclohexane

Concen: 50.50 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

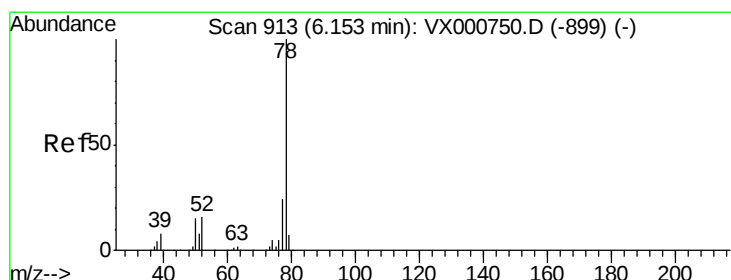
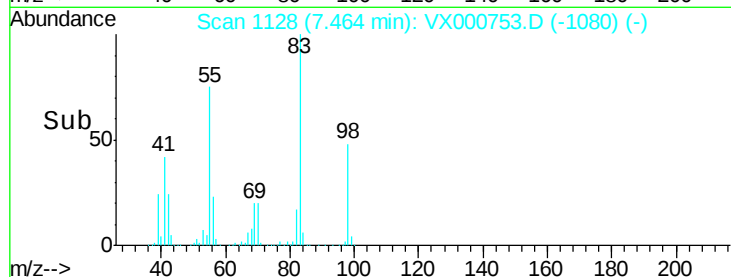
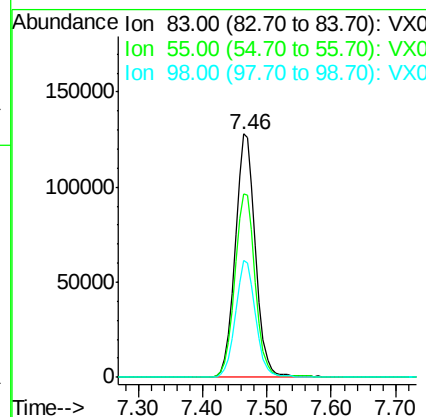
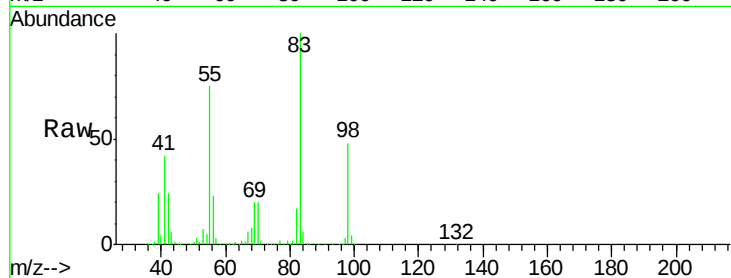
ClientSampleId :

ICVVX041018

Tot Ion:	83	Resp:	283256
Ion Ratio	Lower	Upper	
83	100		
55	75.3	61.5	92.3
98	48.1	38.1	57.1

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#40

Benzene

Concen: 48.71 ug/l

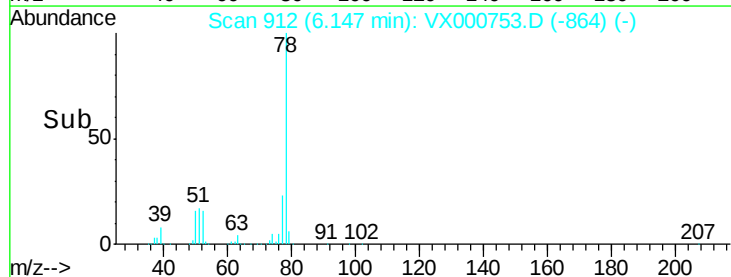
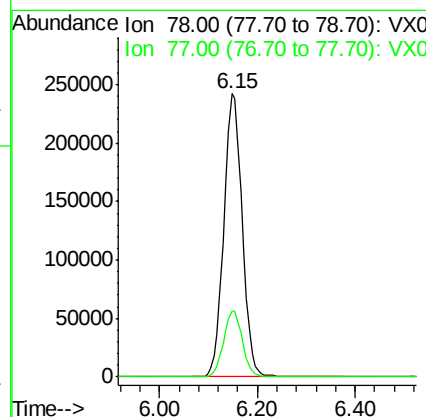
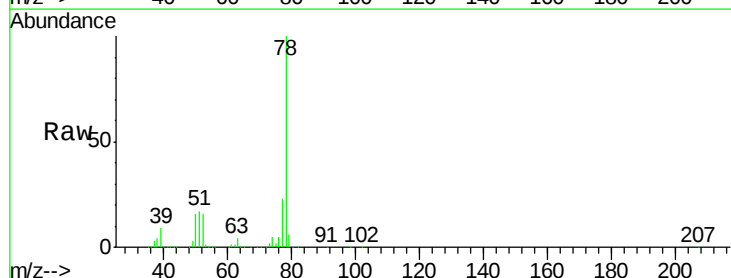
RT: 6.15 min Scan# 912

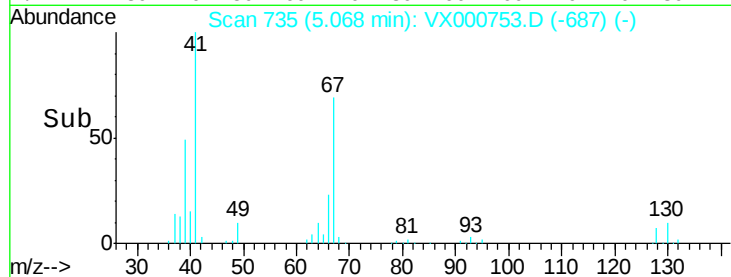
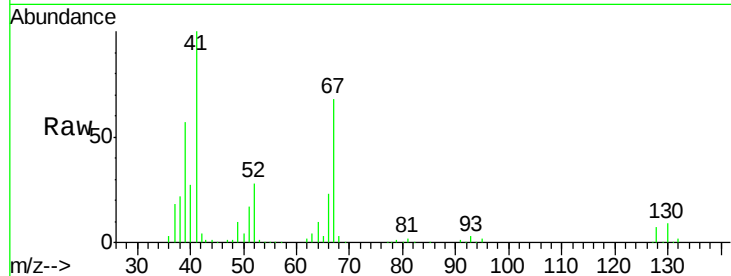
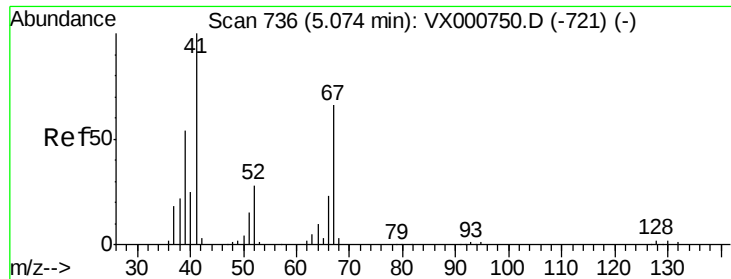
Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion:	78	Resp:	632183
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.0	28.6





#41

Methacrylonitrile

Concen: 47.87 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tot Ion:	41	Resp:	126101
Ion Ratio	Lower	Upper	
41	100		
39	55.8	44.9	67.3
67	68.8	54.7	82.1
52	28.6	23.0	34.6

Instrument :

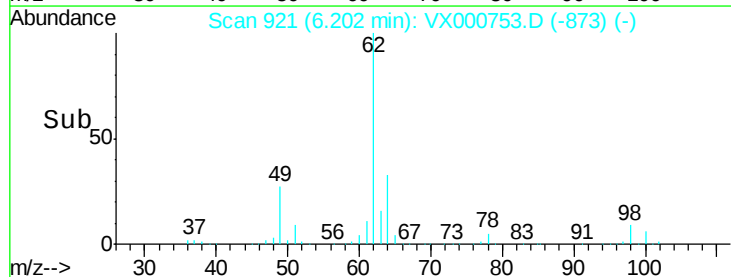
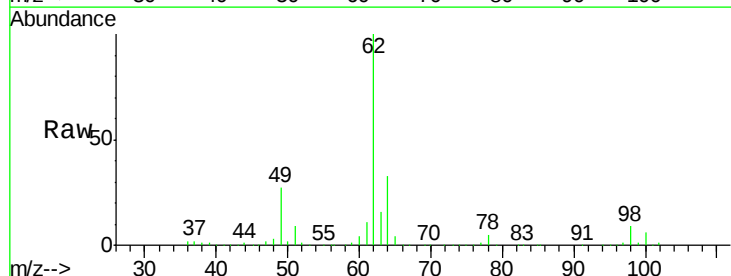
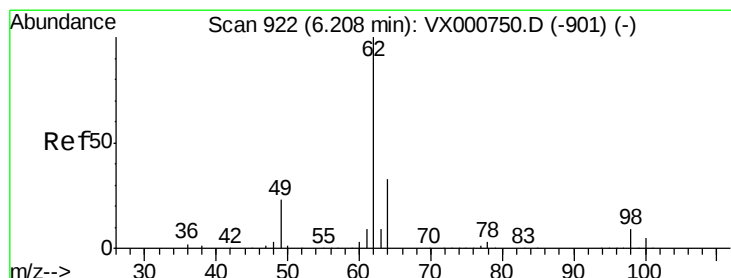
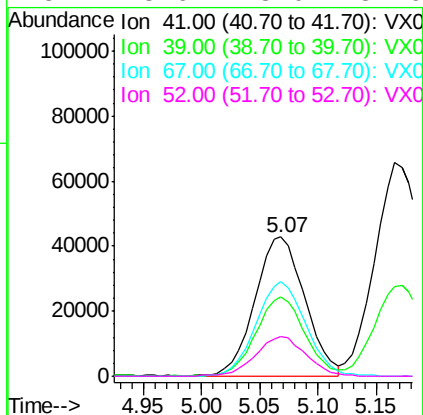
MSVOA_X

ClientSampleId :

ICVVX041018

Manual Integrations
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4/11/2018 11:20:45 AM



#42

1,2-Dichloroethane

Concen: 48.69 ug/l

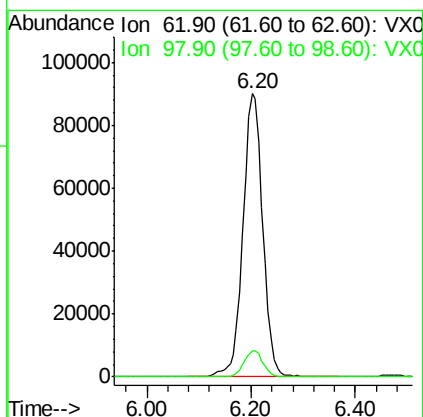
RT: 6.20 min Scan# 921

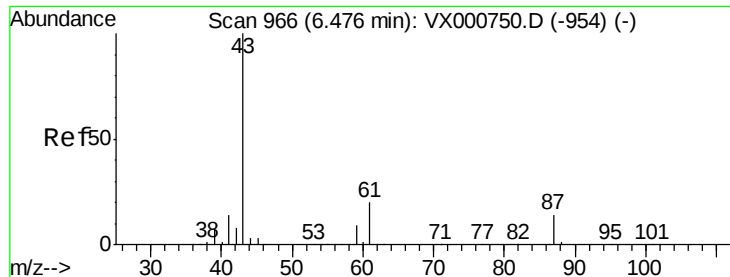
Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion:	62	Resp:	235992
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	18.6





#43

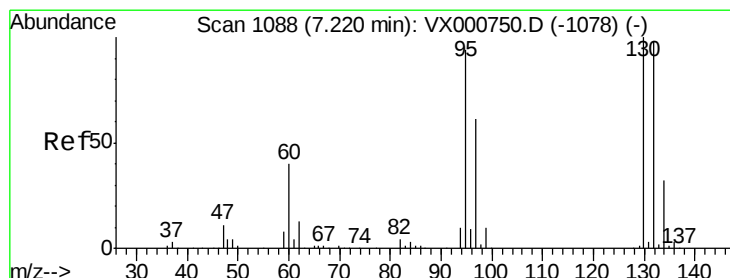
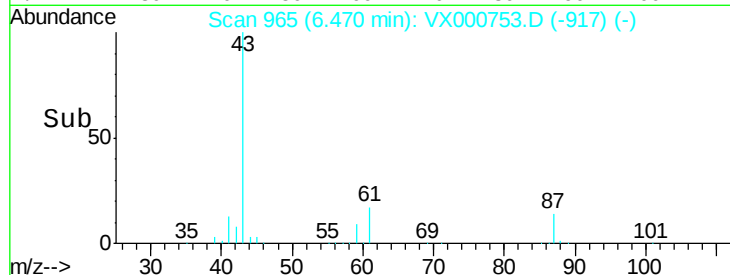
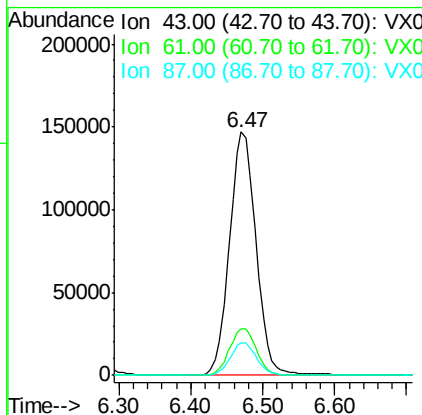
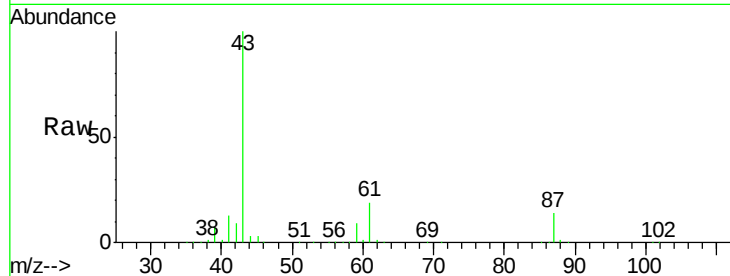
Isopropyl Acetate
 Concen: 47.98 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	13.5	10.7	16.1

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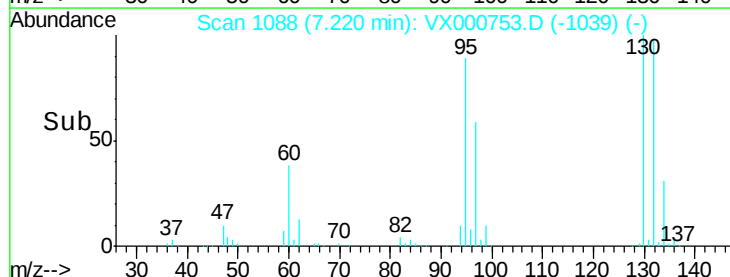
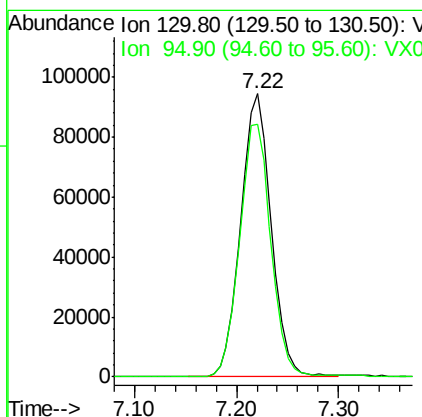
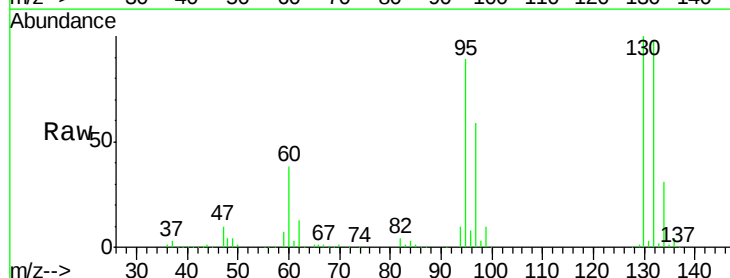
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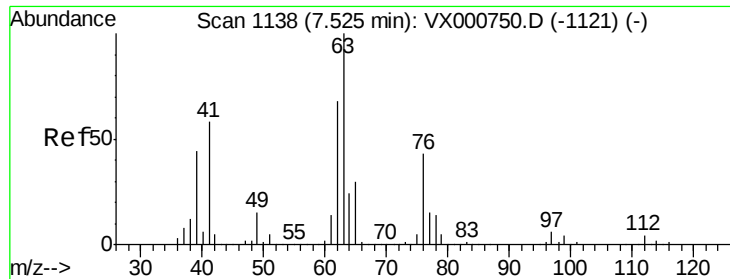


#44

Trichloroethene
 Concen: 48.73 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	187.0





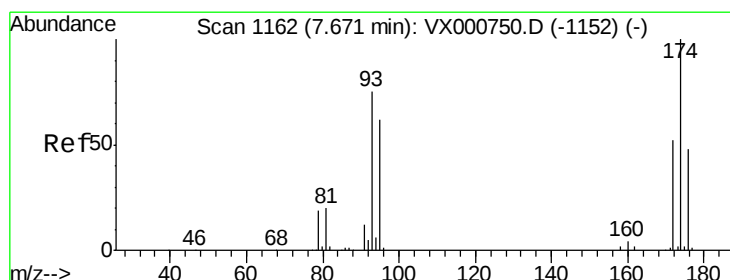
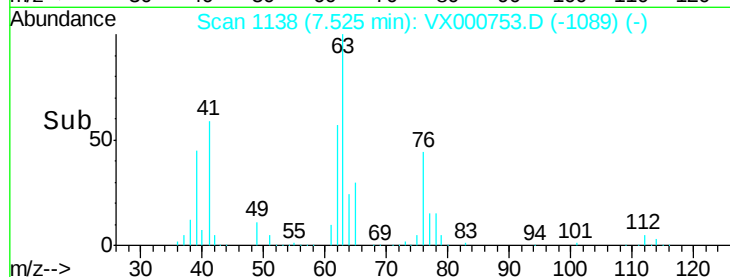
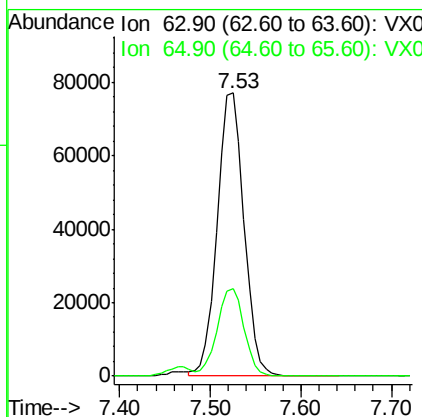
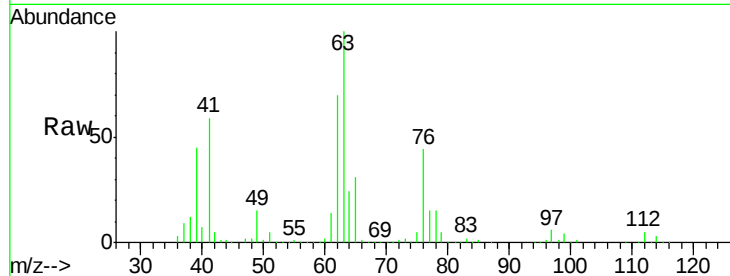
#45
 1,2-Dichloropropane
 Concen: 48.08 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.7	35.5

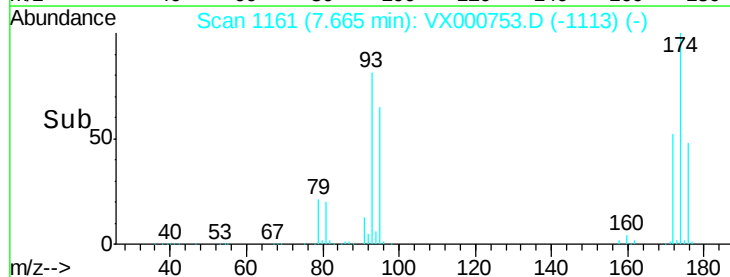
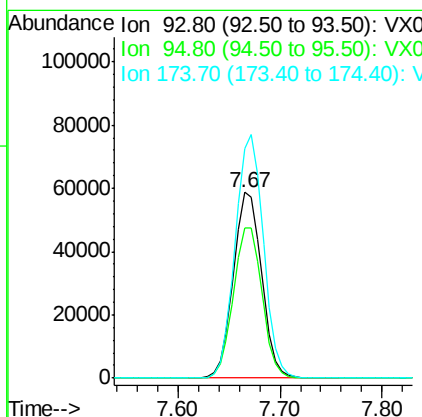
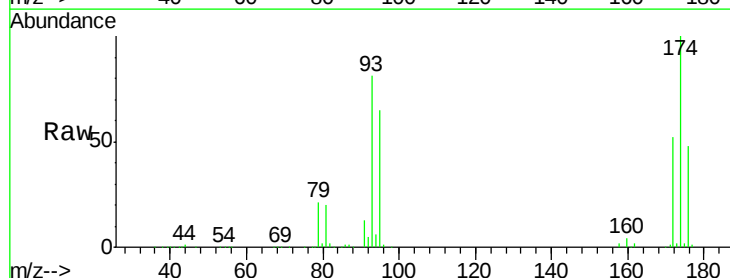
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#46
 Dibromomethane
 Concen: 48.89 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.6	100.0
174	130.6	104.5	156.7





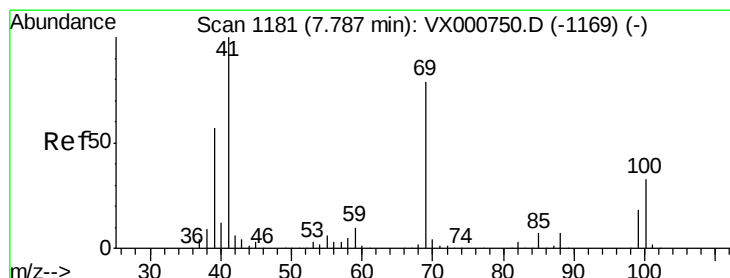
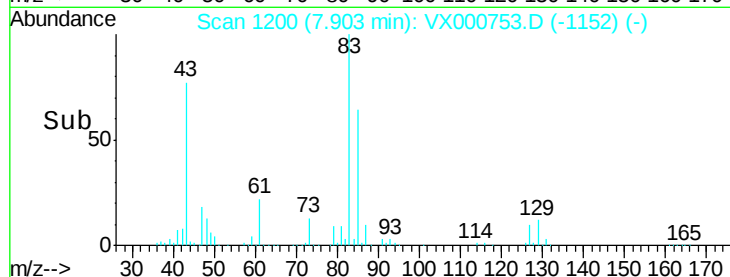
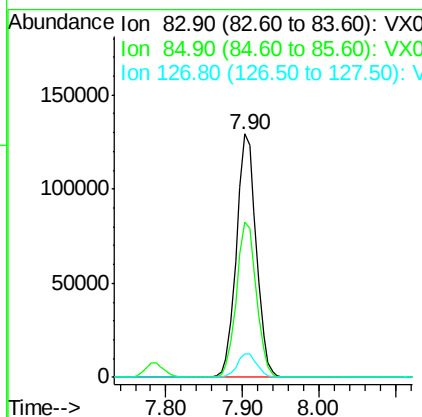
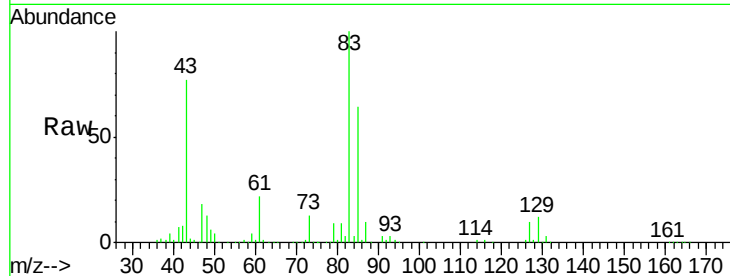
#47
Bromodichloromethane
Concen: 49.69 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Resp	Lower	Upper
83	100	231056		
85	63.8	52.2	78.4	
127	9.5	7.8	11.8	

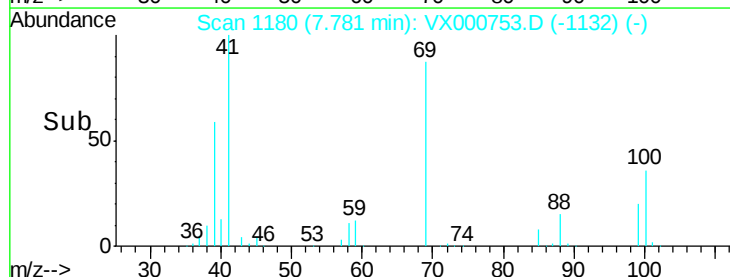
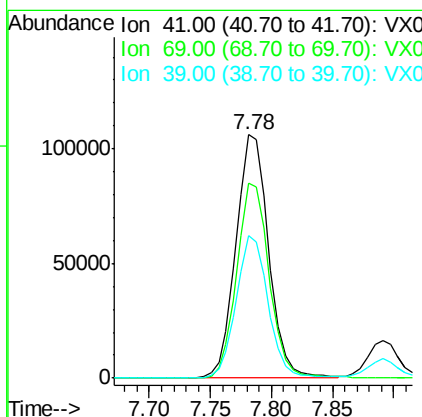
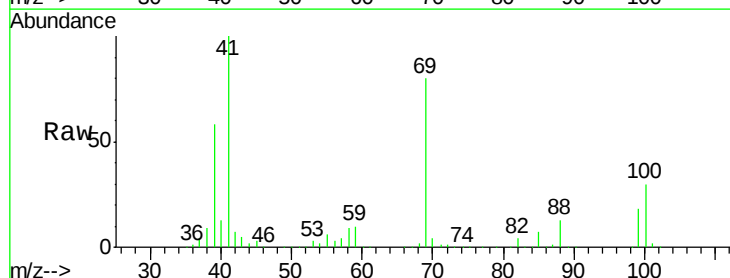
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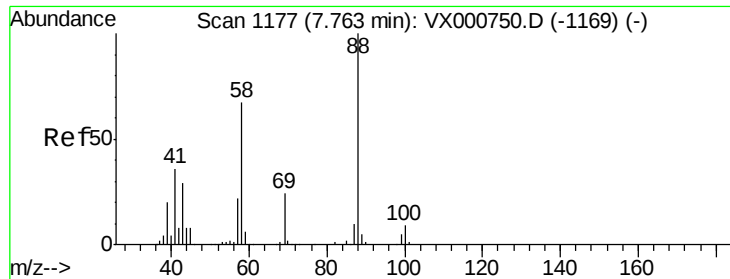
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#48
Methyl methacrylate
Concen: 48.42 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	196215		
69	80.2	63.9	95.9	
39	57.0	45.9	68.9	





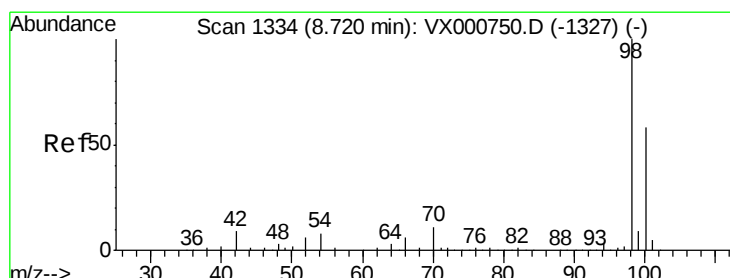
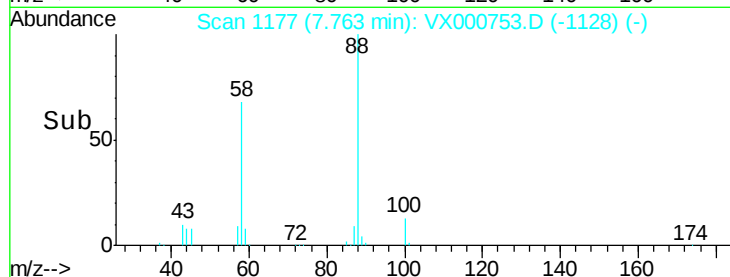
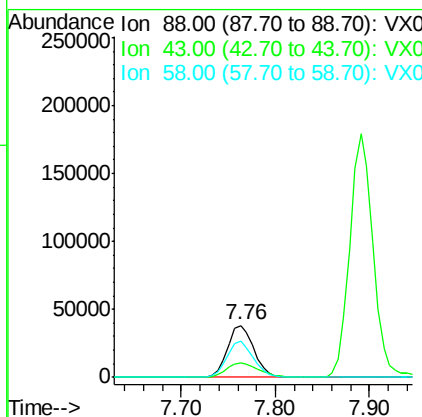
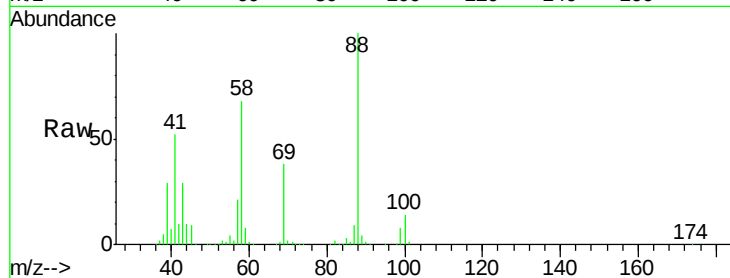
#49
1,4-Dioxane
Concen: 907.32 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.8	38.8
58	69.3	54.4	81.6

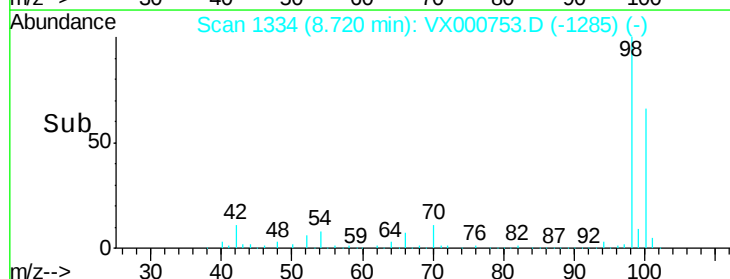
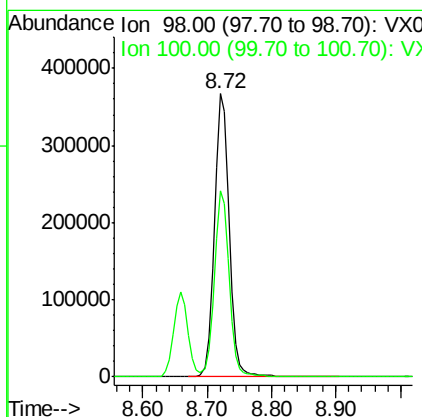
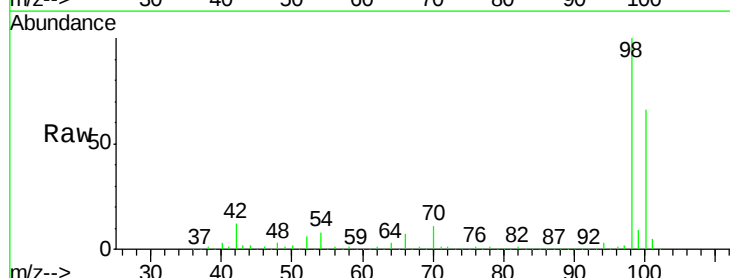
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#50
Toluene-d8
Concen: 48.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 241.15 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

Tot Ion: 43 Resp: 1107307

Ion Ratio Lower Upper

43 100

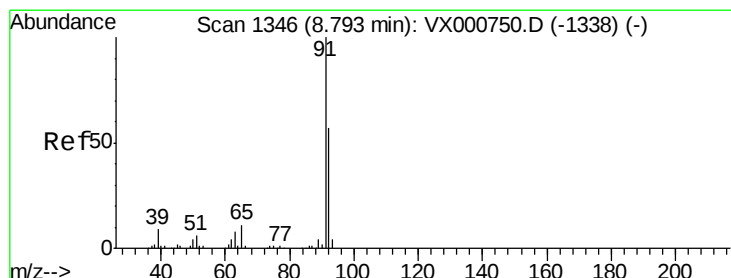
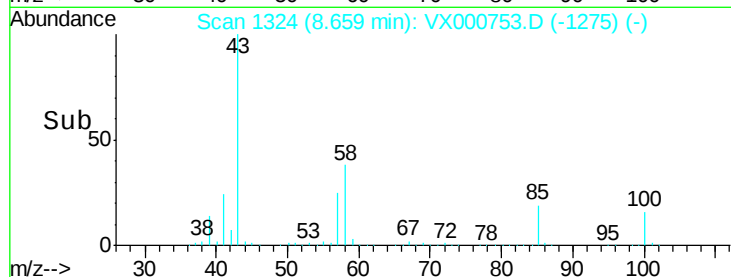
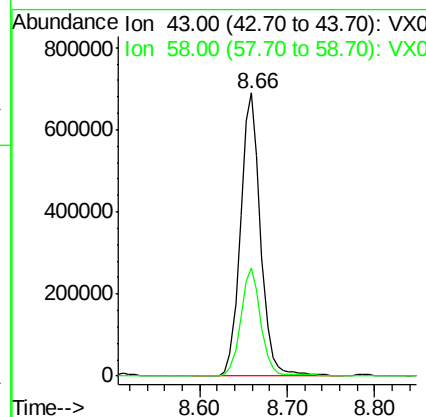
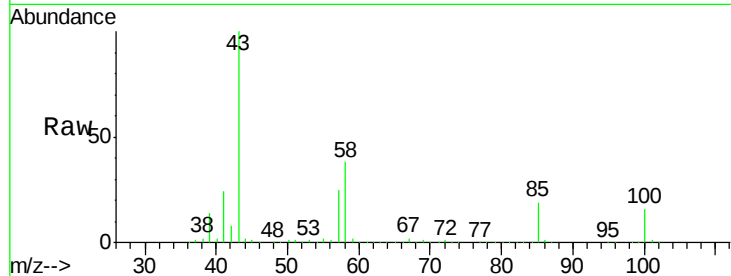
58 37.9 30.3 45.5

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#52

Toluene

Concen: 48.70 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000753.D

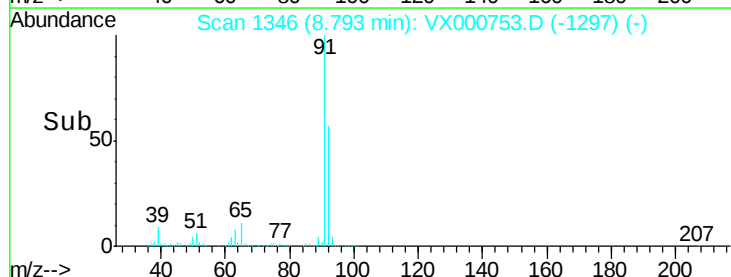
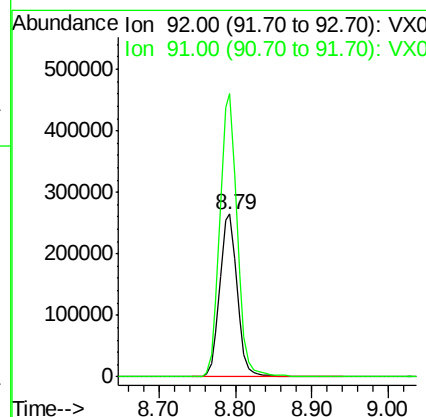
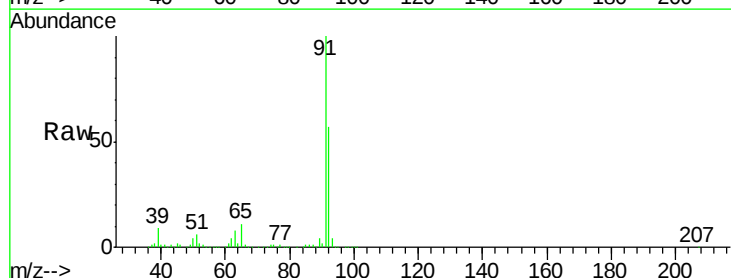
Acq: 10 Apr 2018 16:45

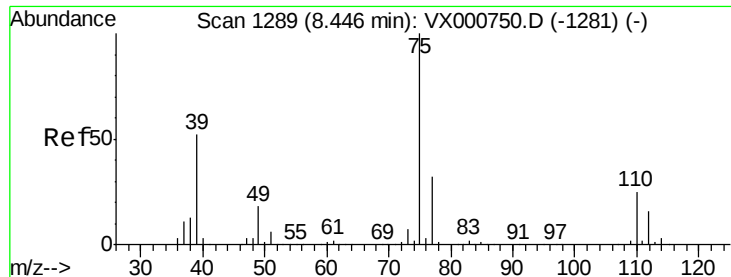
Tgt Ion: 92 Resp: 419327

Ion Ratio Lower Upper

92 100

91 173.1 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 50.03 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

Tot Ion: 75 Resp: 279063

Ion Ratio Lower Upper

75 100

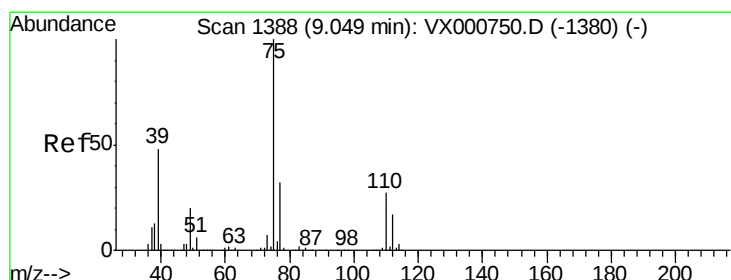
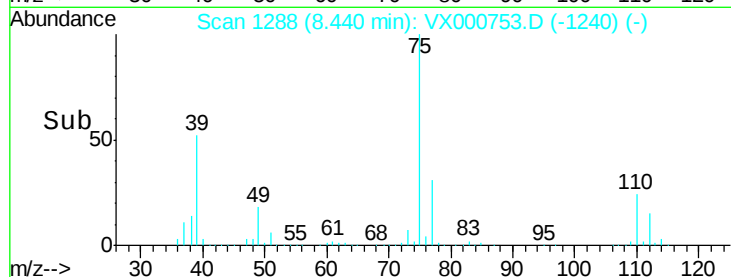
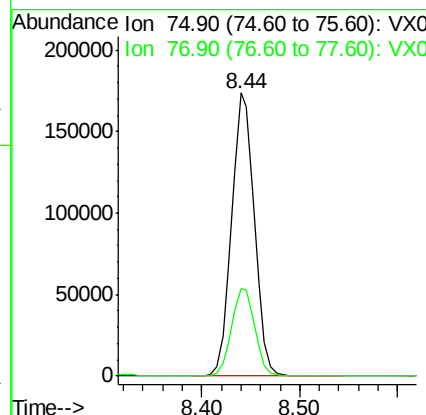
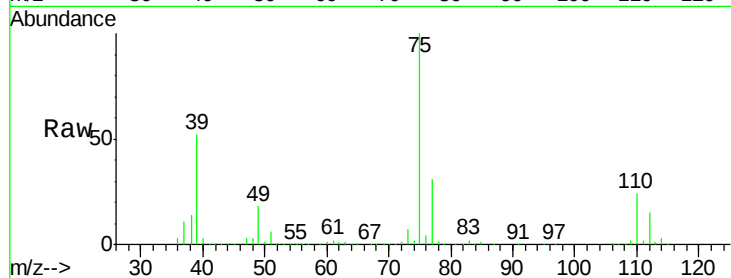
77 30.7 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 50.13 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

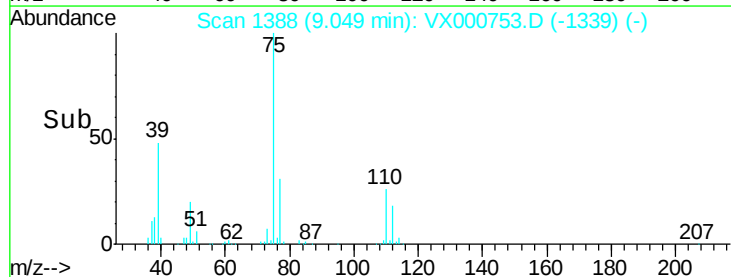
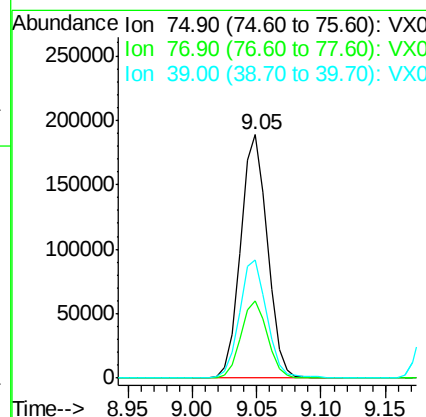
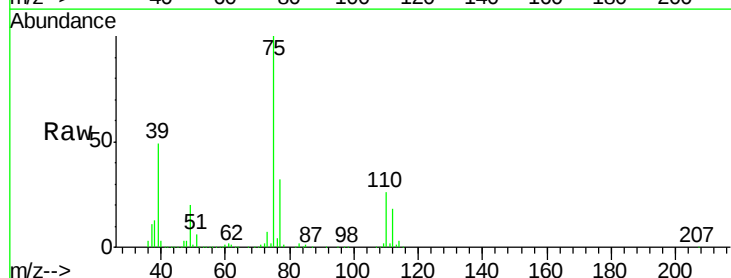
Tgt Ion: 75 Resp: 272287

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

39 48.6 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 48.32 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

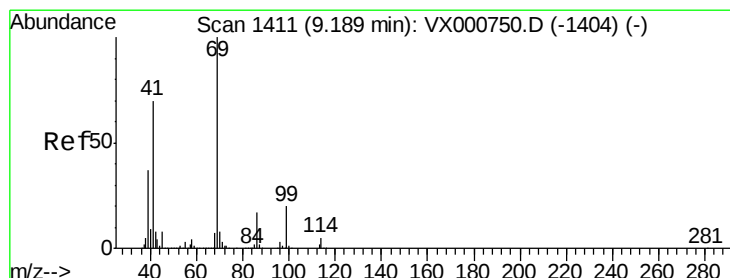
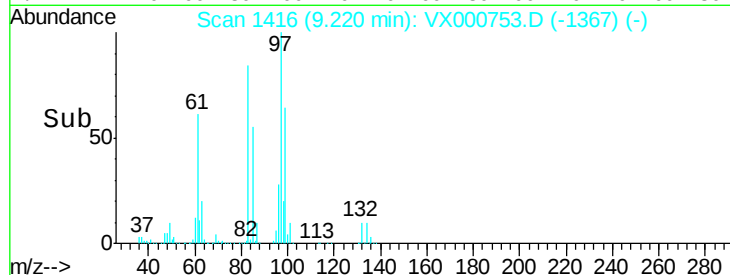
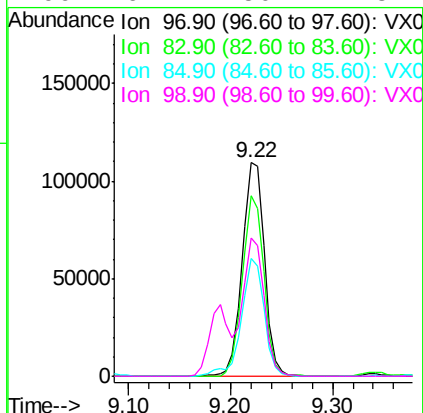
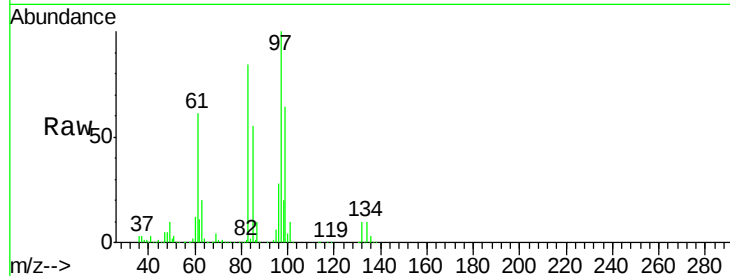
ClientSampleId :

ICVVX041018

Tot Ion:	97	Resp:	165153
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.6	101.4
85	55.0	43.8	65.6
99	64.4	50.2	75.4

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#56

Ethyl methacrylate

Concen: 48.56 ug/l

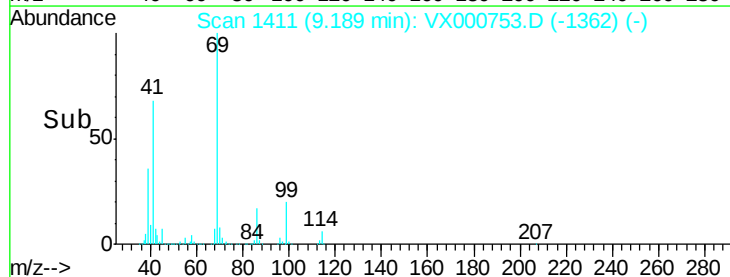
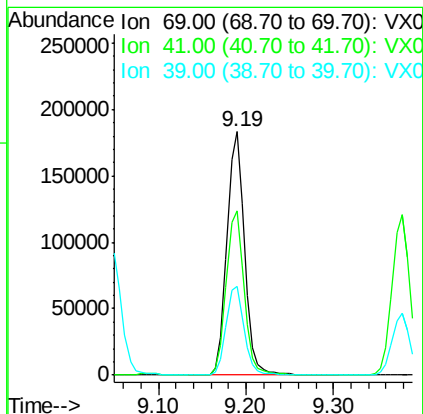
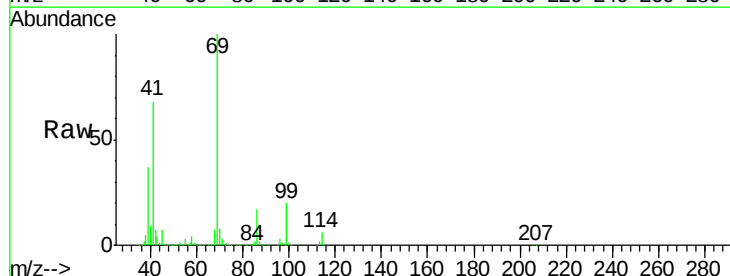
RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion:	69	Resp:	256045
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.6	83.4
39	36.9	30.3	45.5





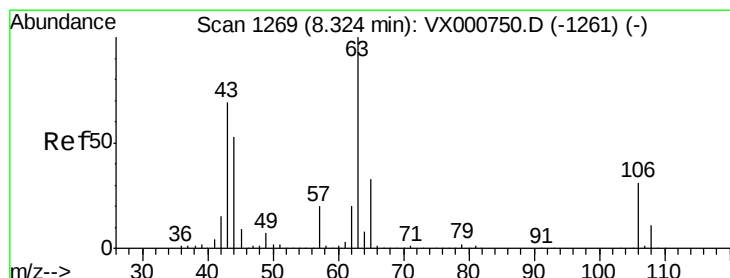
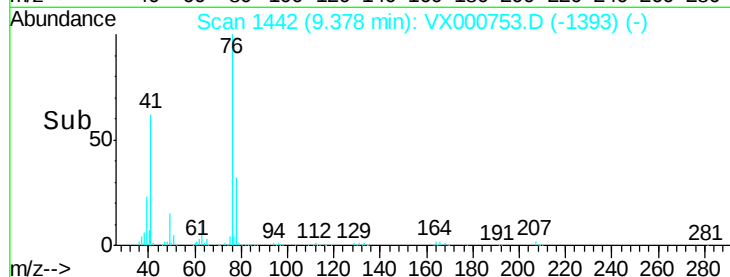
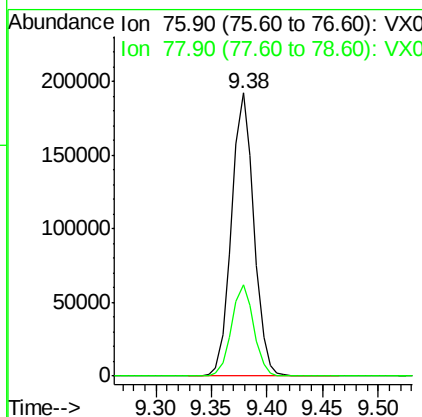
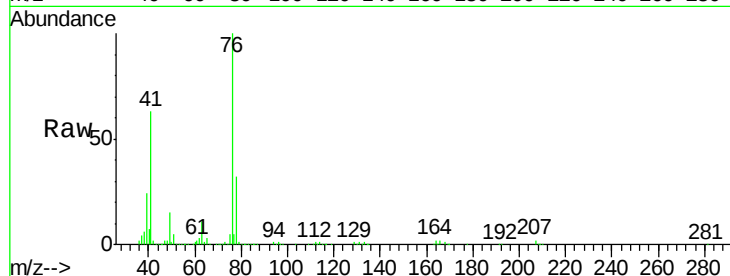
#57
 1,3-Dichloropropane
 Concen: 49.19 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

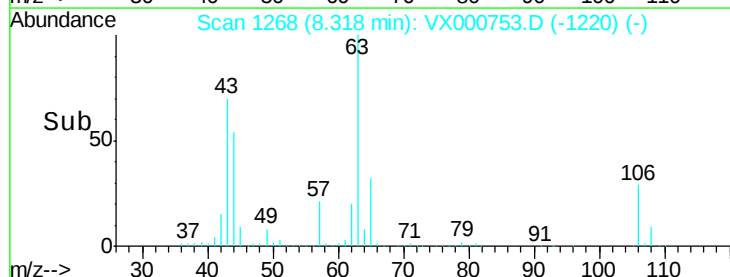
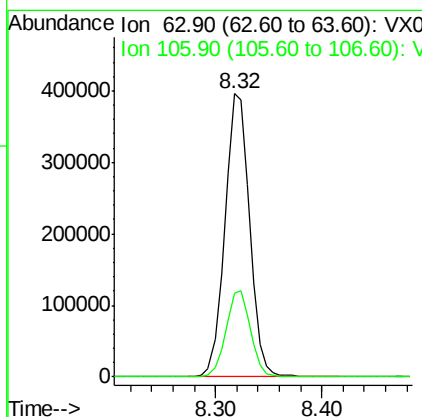
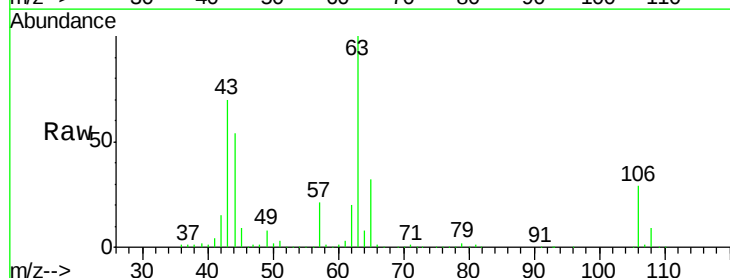
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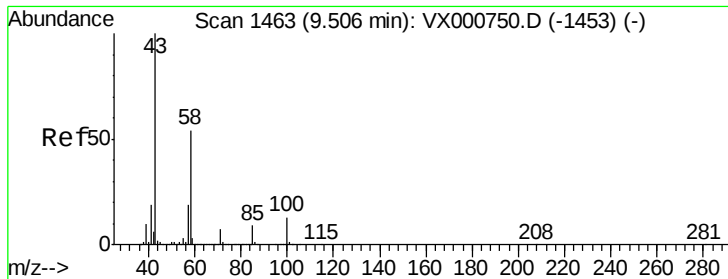
MMDadoda
 4/11/2018 11:20:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.63 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	24.3	36.5





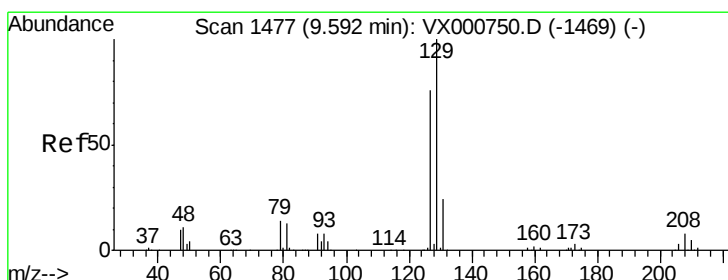
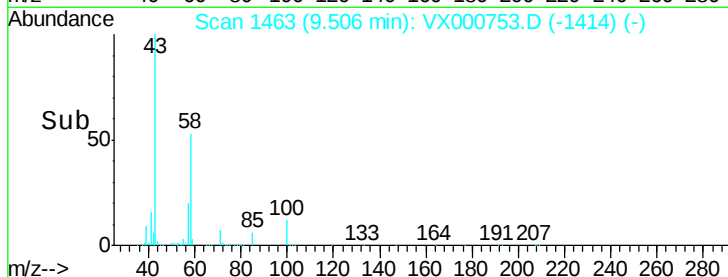
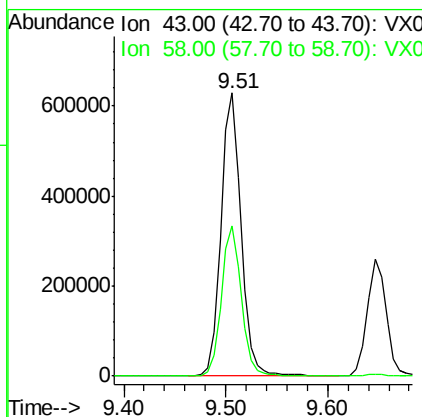
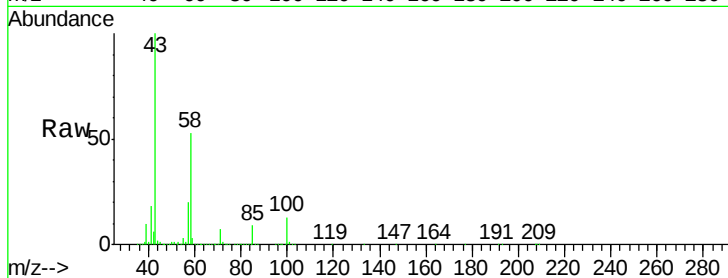
#59
2-Hexanone
Concen: 243.28 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.5	79.5

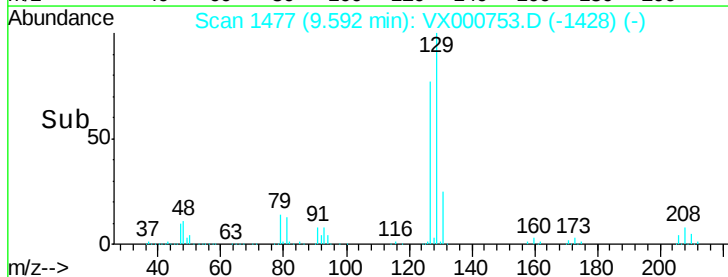
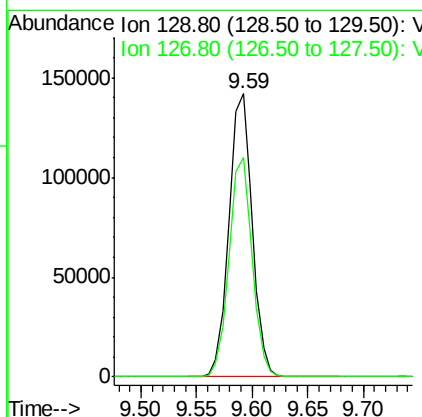
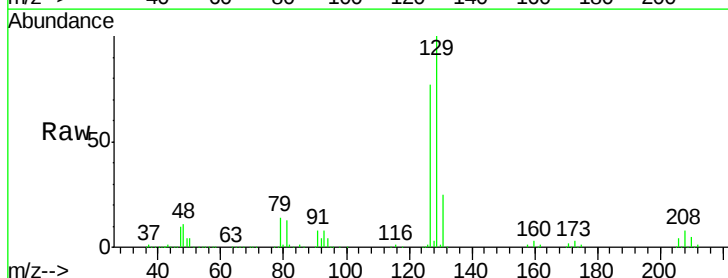
Manual Integrations
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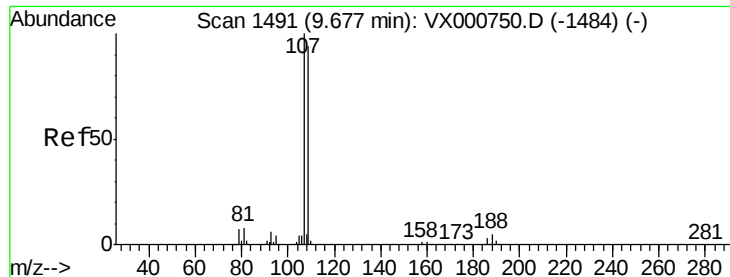
MMDadoda
4/11/2018 11:20:45 AM



#60
Dibromochloromethane
Concen: 49.98 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.4	115.1





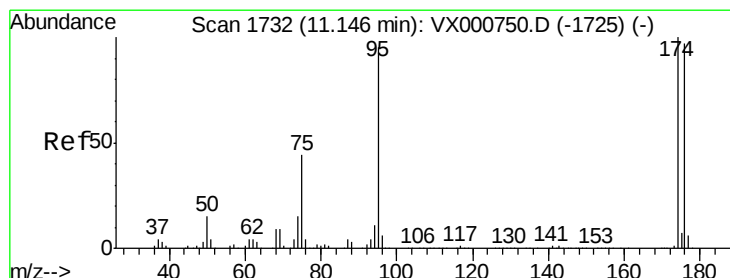
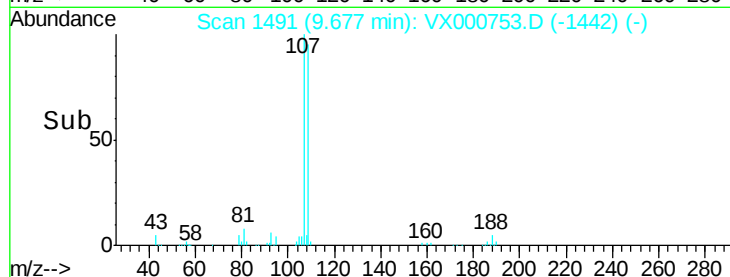
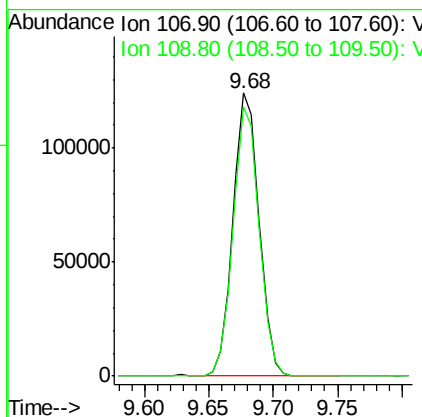
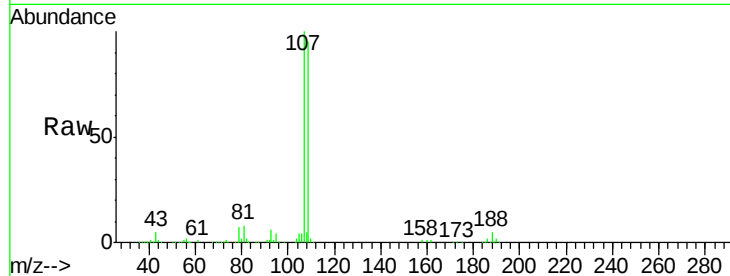
#61
 1,2-Dibromoethane
 Concen: 48.56 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX041018

Tot Ion	Ratio	Resp	Lower	Upper
107	100	176065		
109	94.6	76.2	114.4	

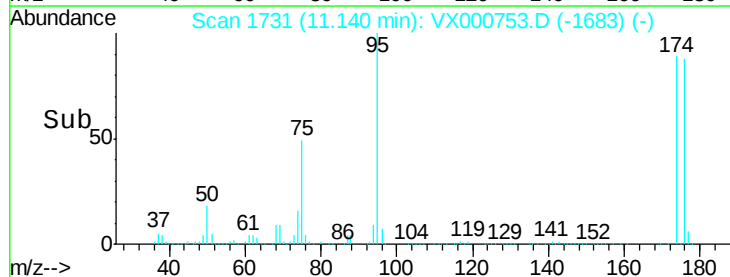
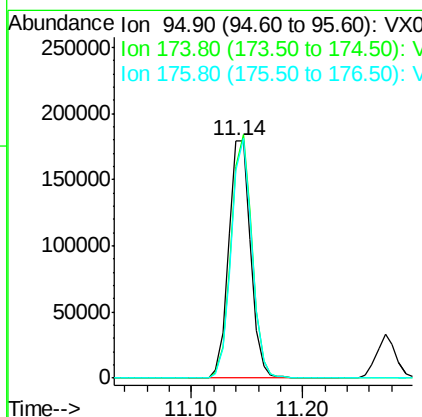
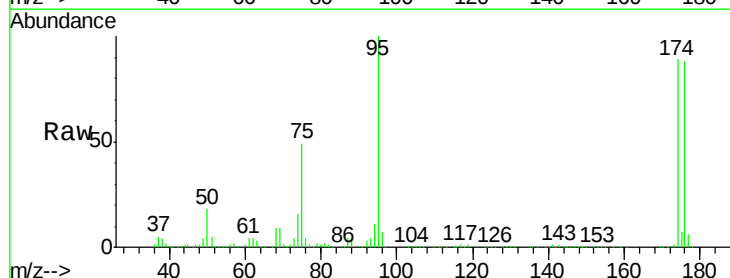
Manual Integrations
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 4/11/2018 11:20:45 AM



#62
 4-Bromofluorobenzene
 Concen: 48.55 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	244344		
174	97.7	0.0	198.4	
176	95.6	0.0	194.4	





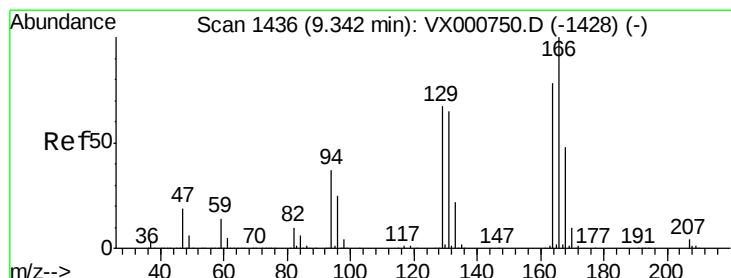
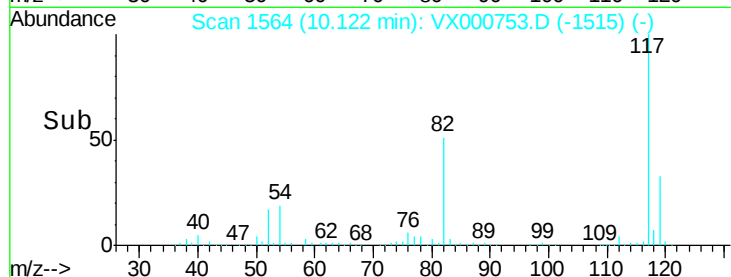
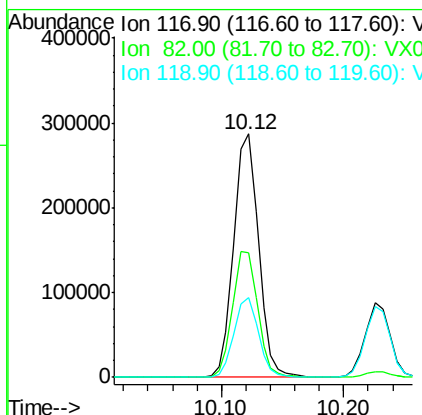
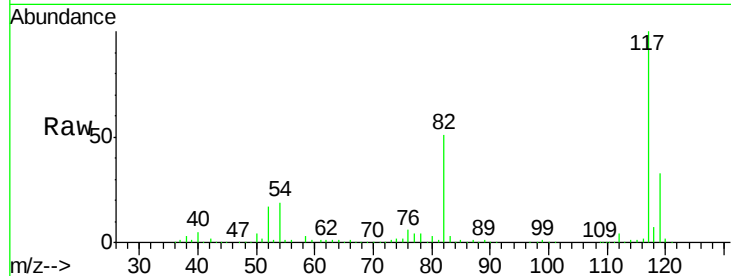
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.9	62.9
119	33.0	26.0	39.0

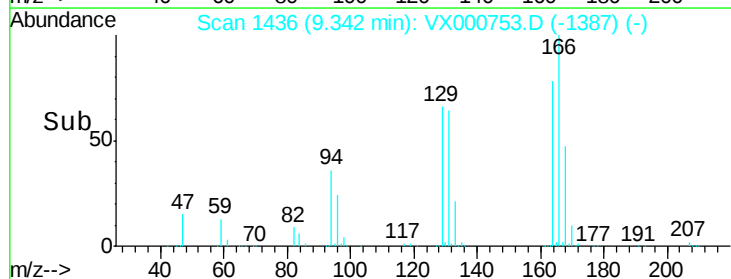
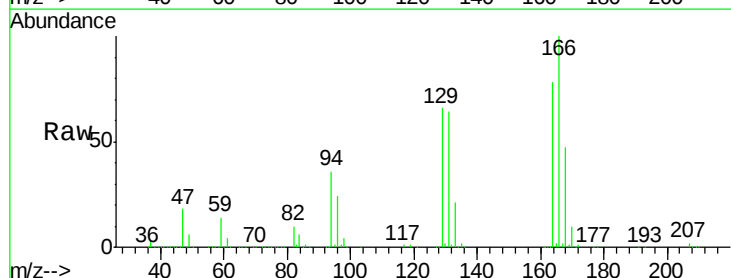
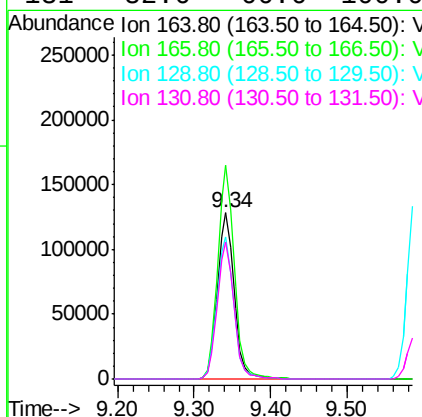
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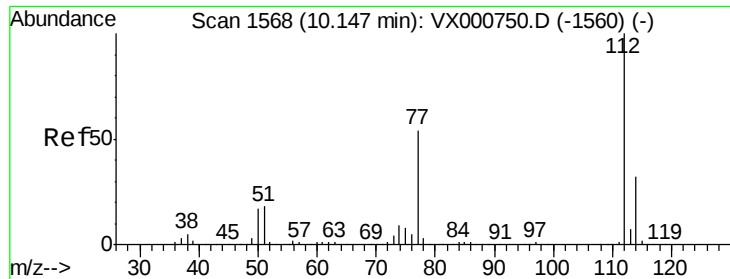
MMDadoda
4/11/2018 11:20:45 AM



#64
Tetrachloroethene
Concen: 49.36 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.8	154.2
129	85.3	68.5	102.7
131	82.6	66.6	100.0





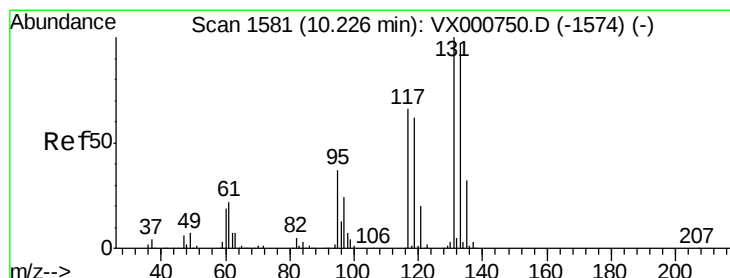
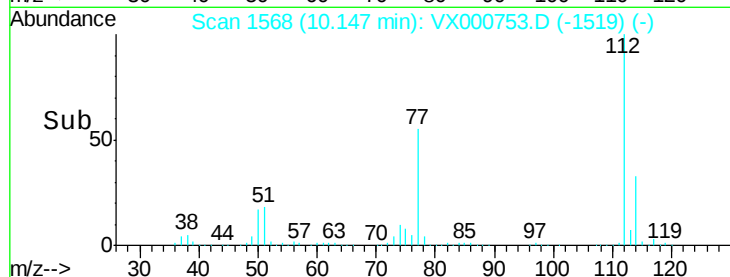
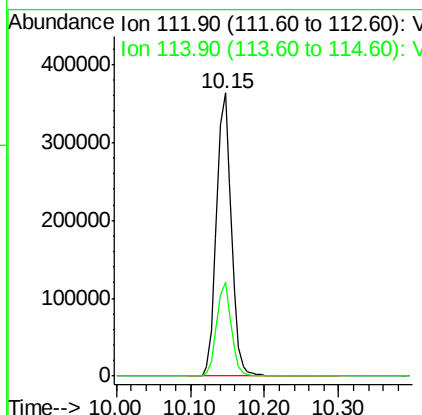
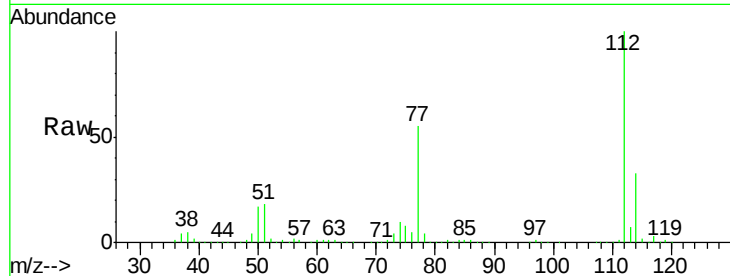
#65
Chlorobenzene
Concen: 48.95 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion:112 Resp: 496618
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8

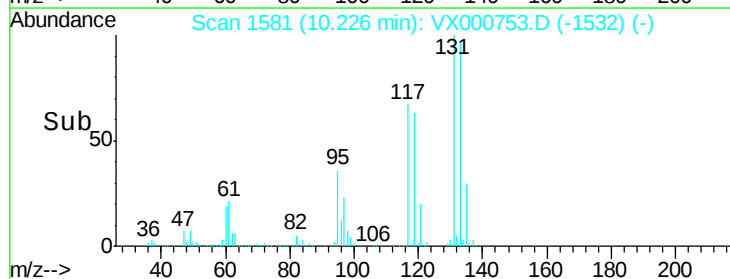
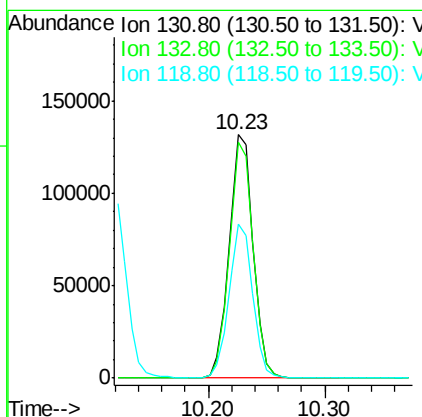
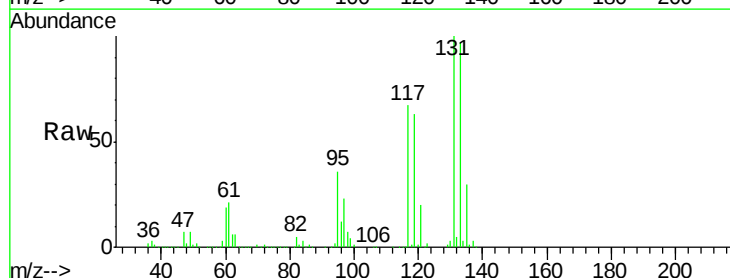
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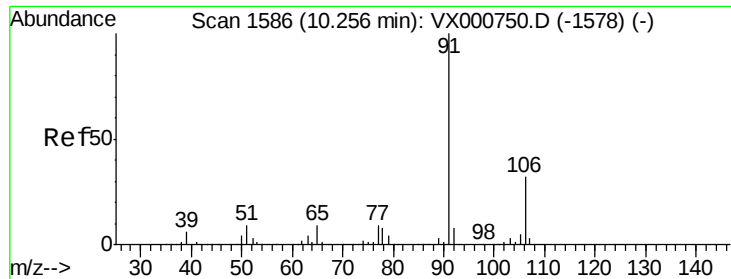
MMDadoda
4/11/2018 11:20:45 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.29 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion:131 Resp: 188222
Ion Ratio Lower Upper
131 100
133 96.8 48.3 144.9
119 62.8 31.4 94.0





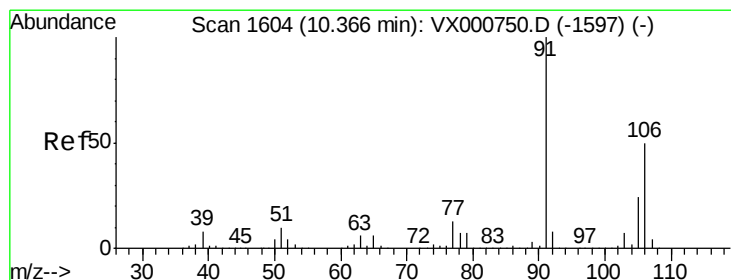
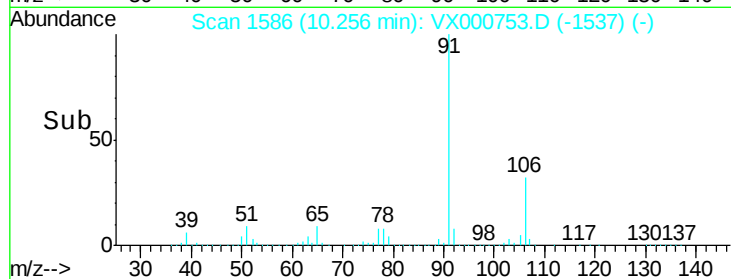
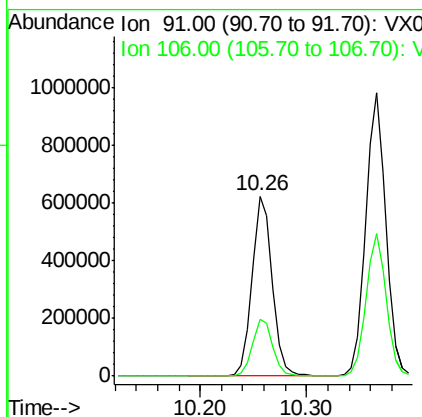
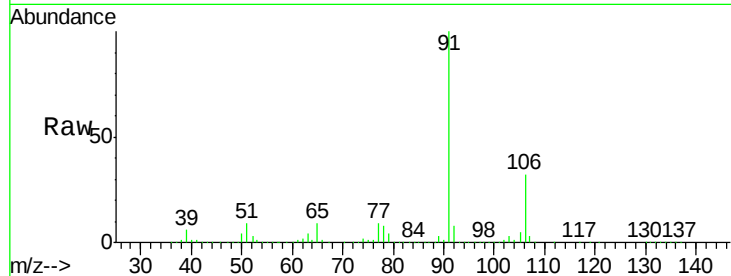
#67
Ethyl Benzene
Concen: 49.15 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampled :
ICVVX041018

Tot Ion: 91 Resp: 831328
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0

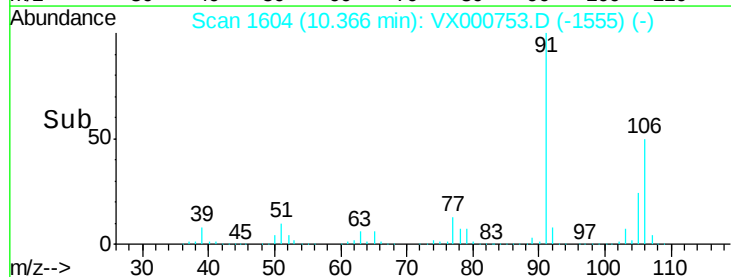
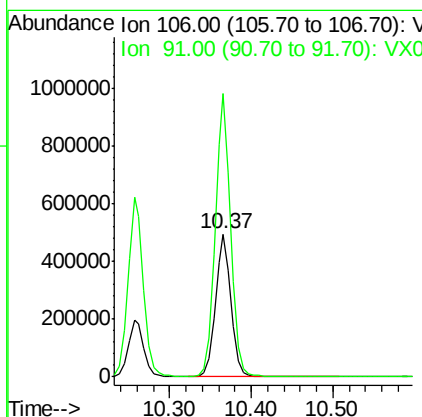
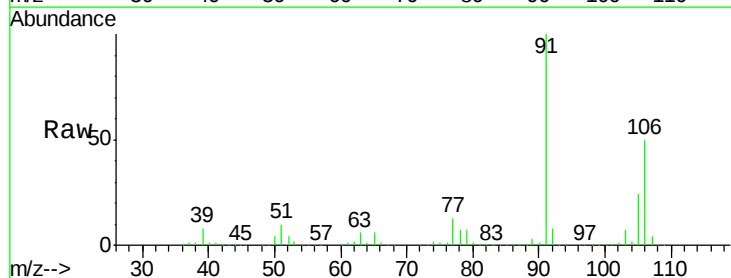
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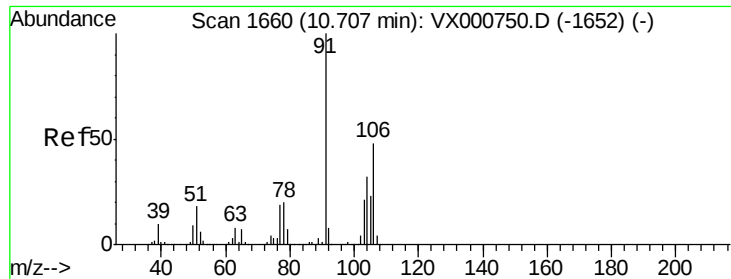
MMDadoda
4/11/2018 11:20:45 AM



#68
m/p-Xylenes
Concen: 99.00 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion: 106 Resp: 660926
Ion Ratio Lower Upper
106 100
91 198.5 159.3 238.9





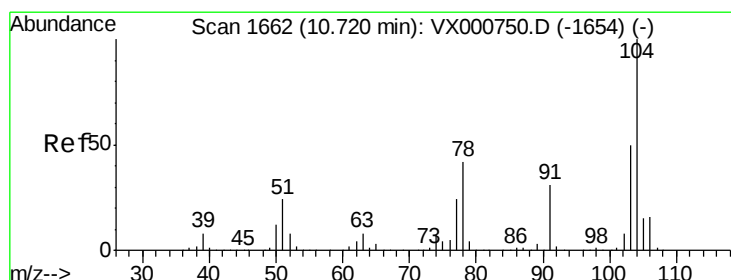
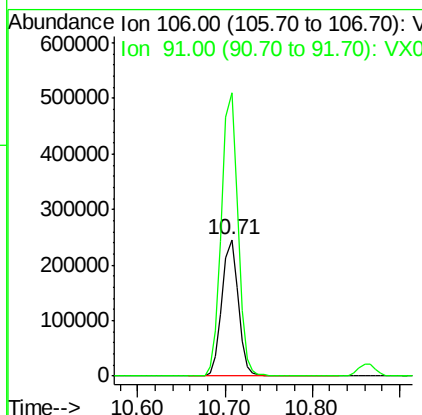
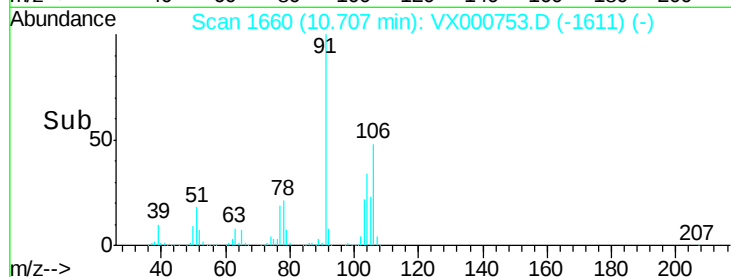
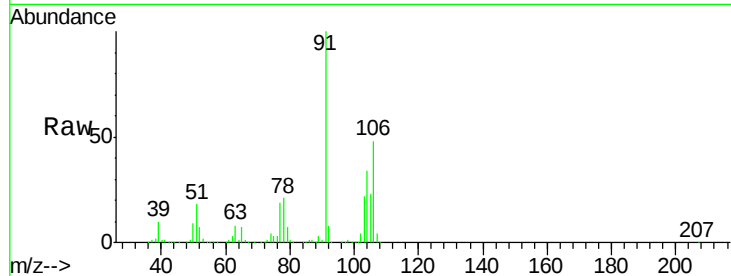
#69
o-Xylene
Concen: 49.15 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		316225		
91	209.8	105.0	315.0		

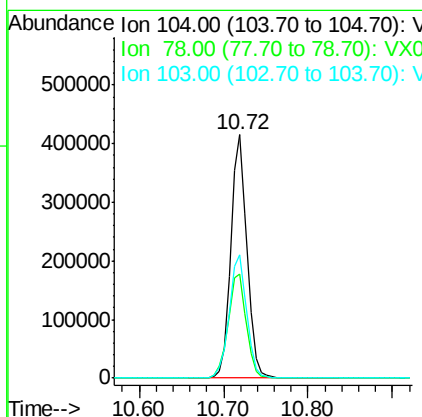
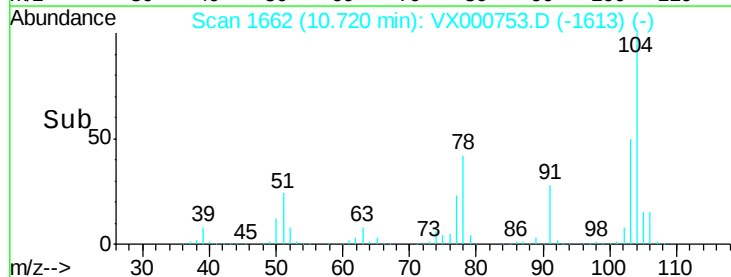
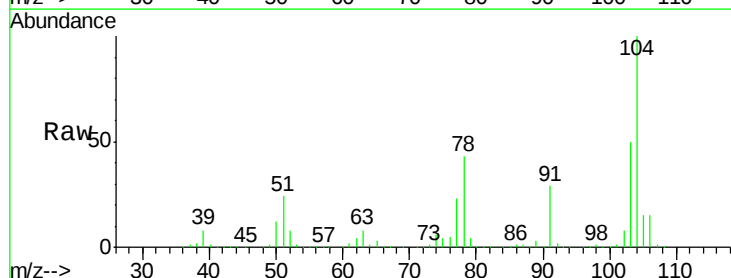
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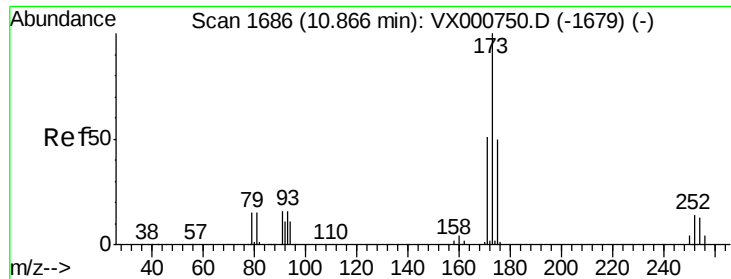
MMDadoda
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#70
Styrene
Concen: 49.24 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		534094		
78	48.7	39.0	58.6		
103	55.2	44.1	66.1		





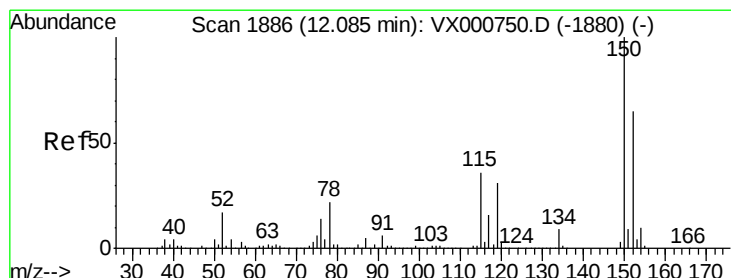
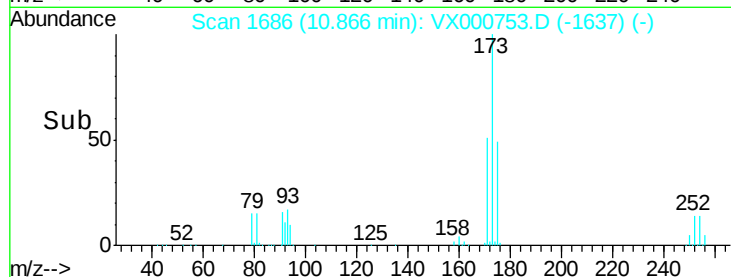
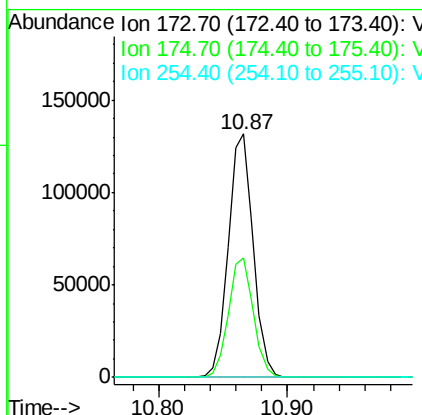
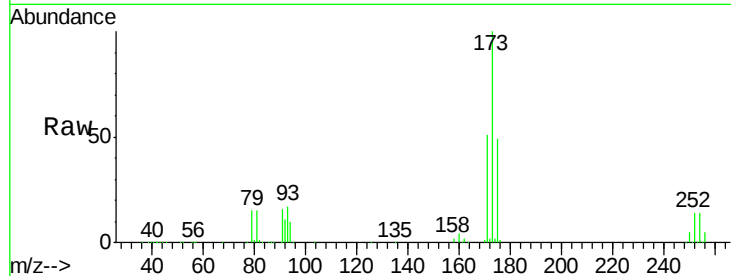
#71
Bromoform
Concen: 50.46 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.5	73.5
254	0.2	0.2	0.2

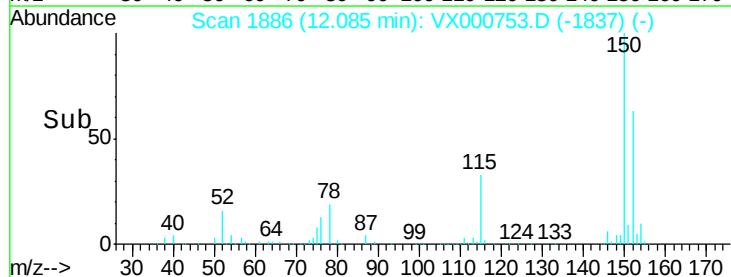
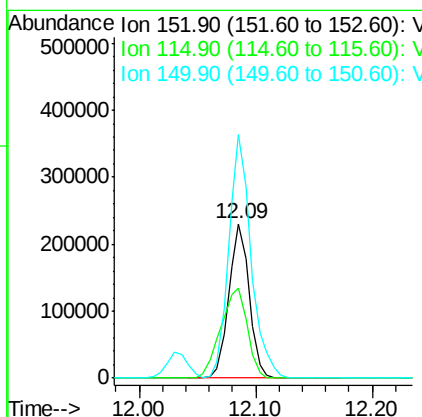
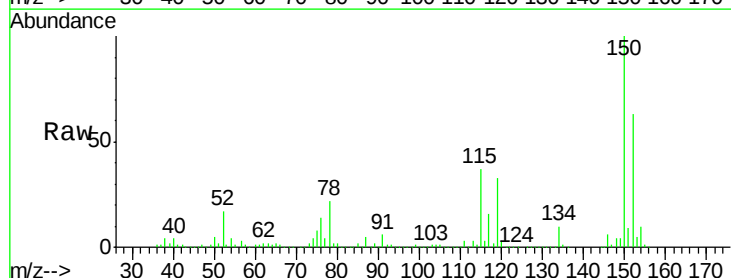
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.8	37.9	113.7
150	173.0	0.0	348.0





#73

Isopropylbenzene

Concen: 49.01 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

Tot Ion: 105 Resp: 866938

Ion Ratio Lower Upper

105 100

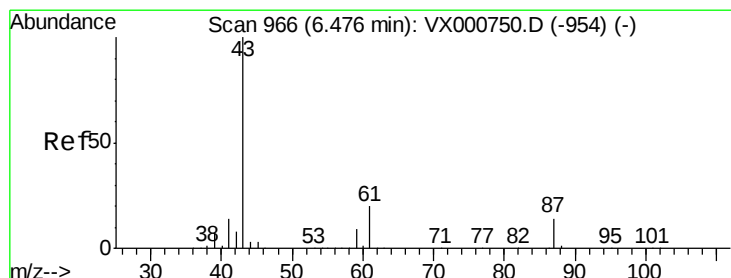
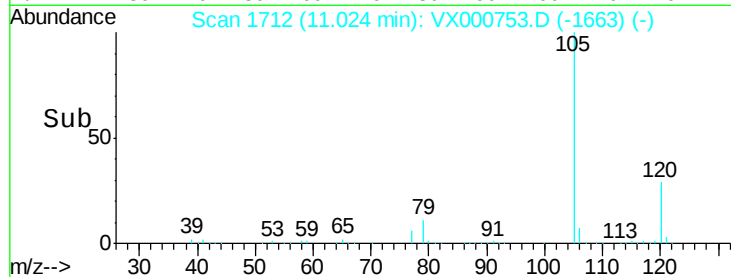
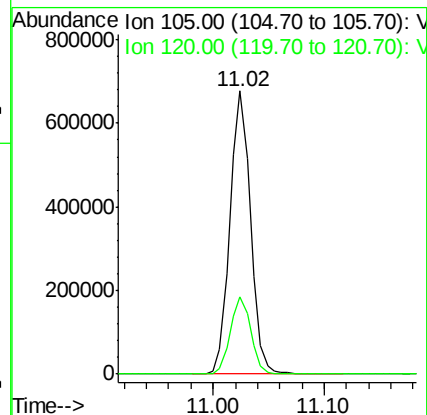
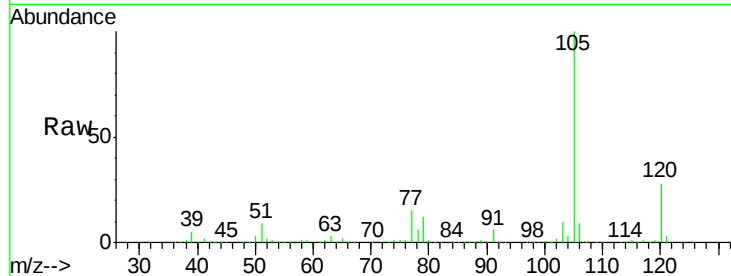
120 27.5 13.7 41.0

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#74

N-ethyl acetate

Concen: 47.09 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion: 43 Resp: 375085

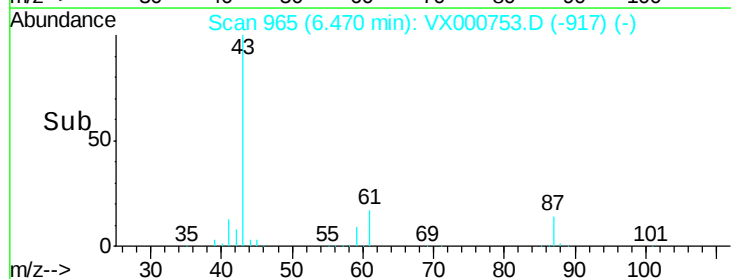
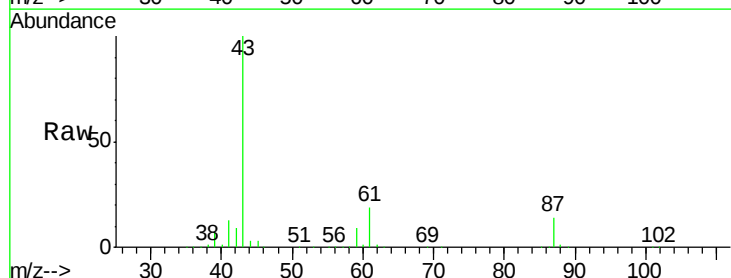
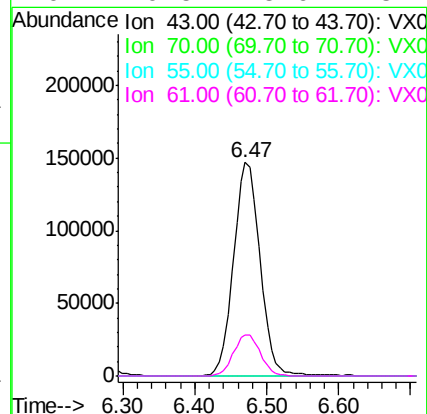
Ion Ratio Lower Upper

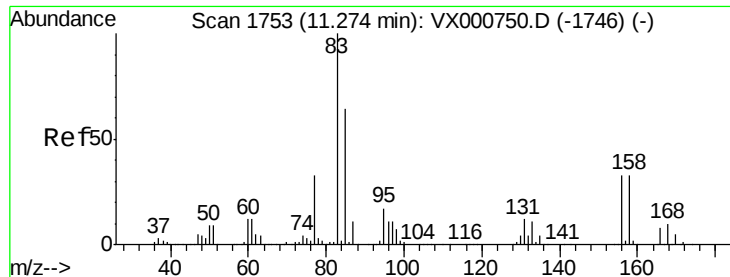
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.5 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.50 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampled :

ICVVX041018

Tot Ion: 83 Resp: 243837
Ion Ratio Lower Upper

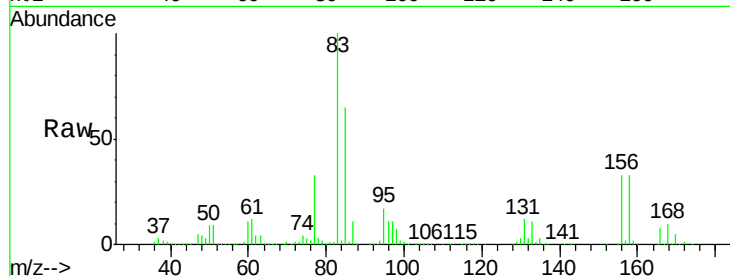
83 100

131 11.8 6.0 18.0

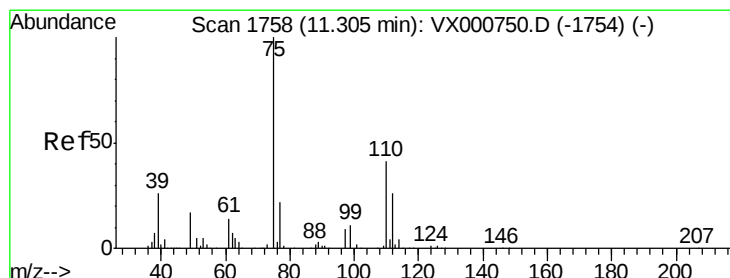
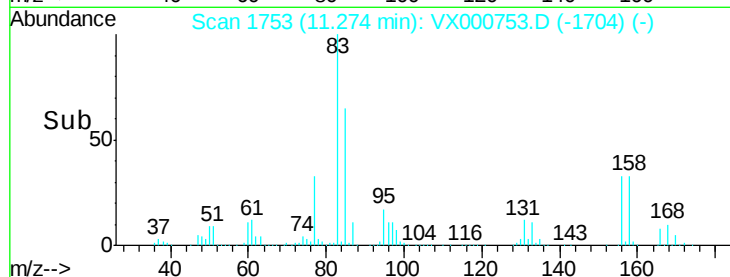
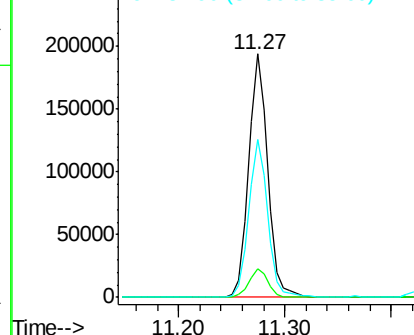
85 64.7 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 48.70 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

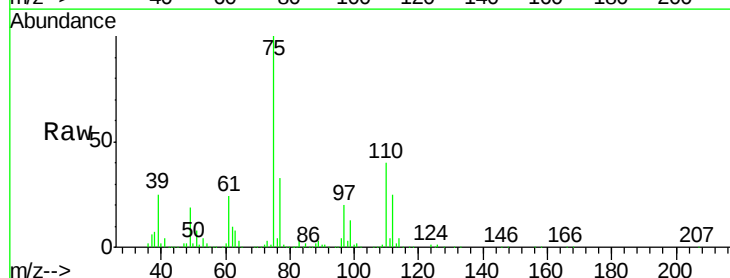
Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

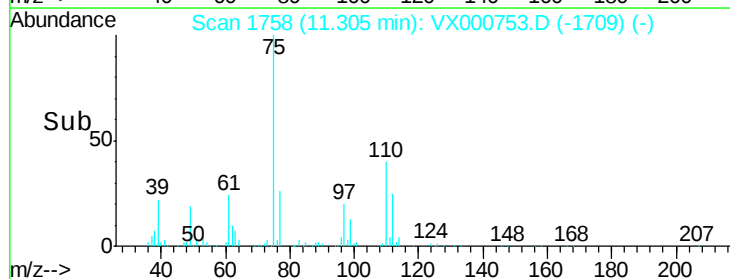
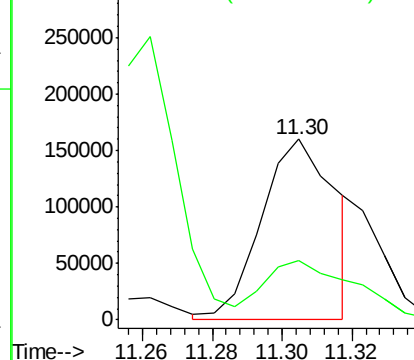
Tgt Ion: 75 Resp: 234143
Ion Ratio Lower Upper

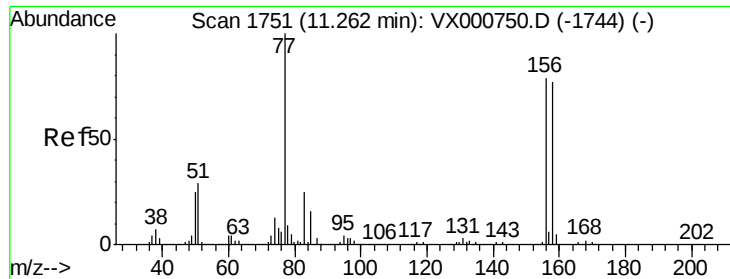
75 100

77 40.3 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.82 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

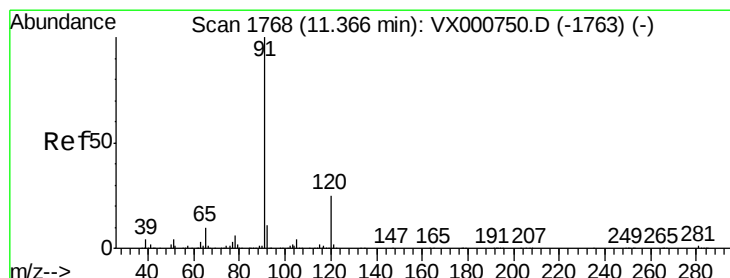
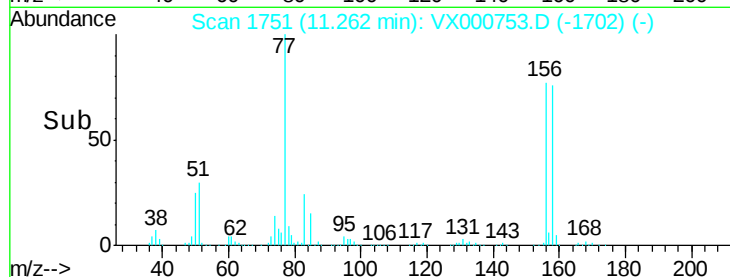
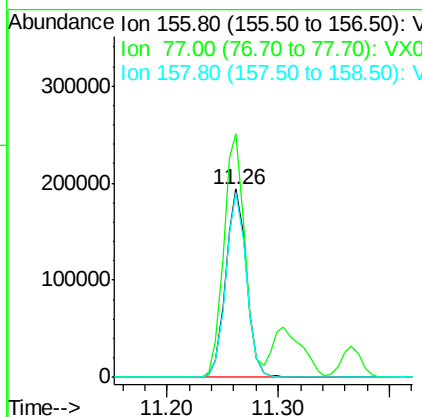
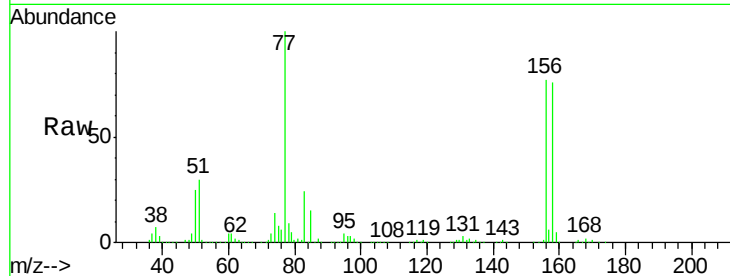
ClientSampleId :

ICVVX041018

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.1	66.0	198.2
158	97.6	48.8	146.4

Manual Integrations
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4/11/2018 11:20:45 AM



#78

n-propylbenzene

Concen: 49.00 ug/l

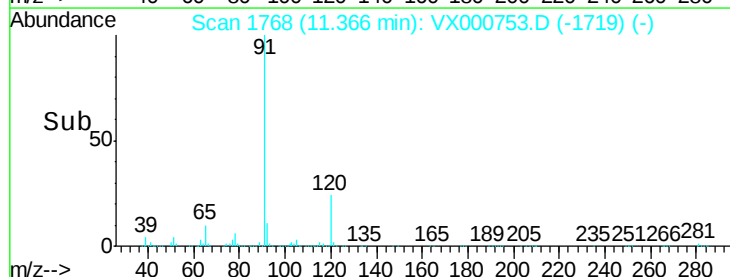
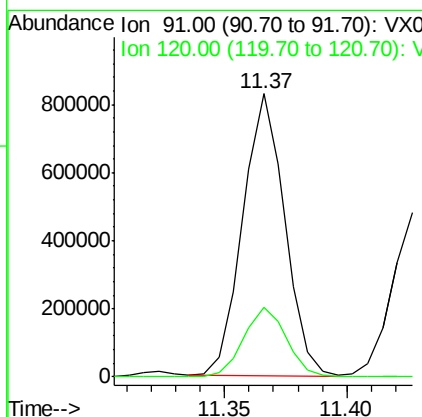
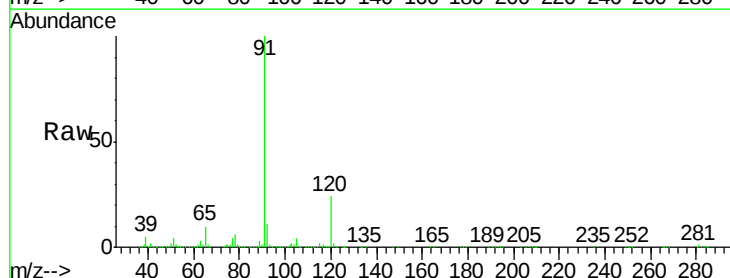
RT: 11.37 min Scan# 1768

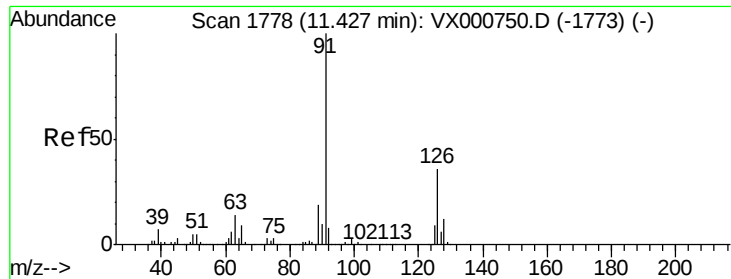
Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.6	37.6





#79

2-Chlorotoluene

Concen: 48.26 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampled :

ICVVX041018

Tot Ion: 91 Resp: 577009

Ion Ratio Lower Upper

91 100

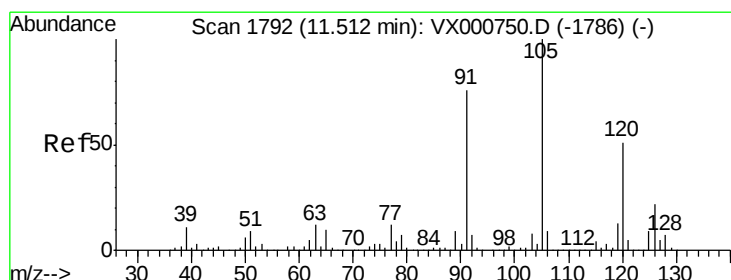
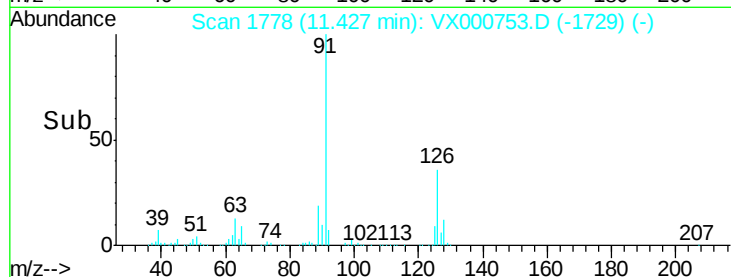
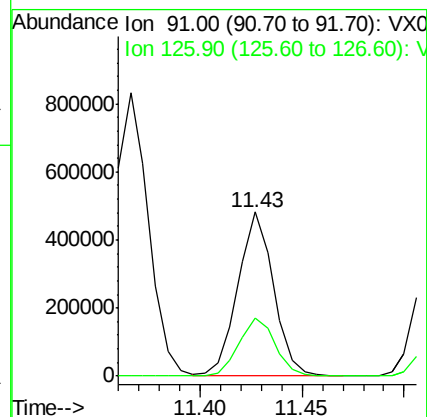
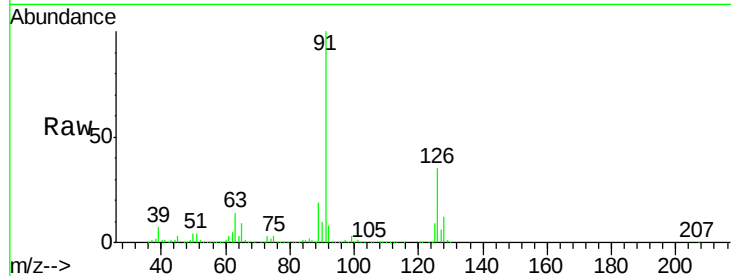
126 36.7 18.3 54.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.09 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000753.D

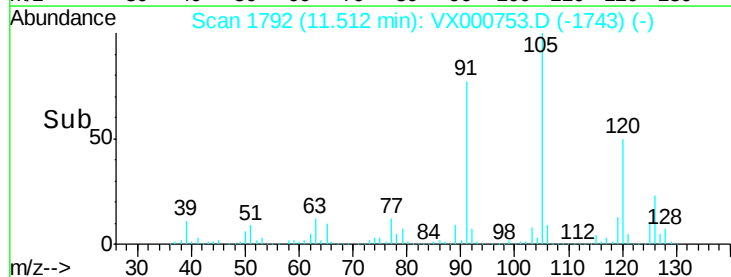
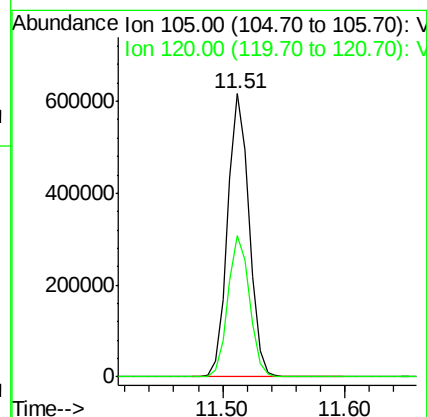
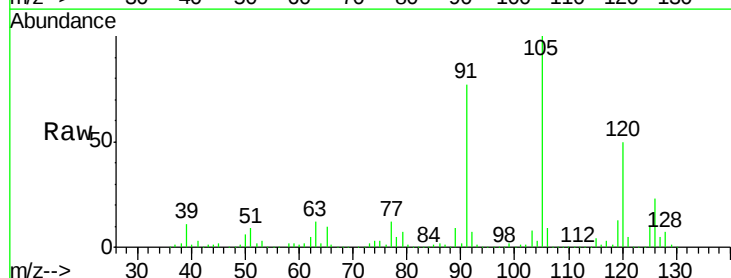
Acq: 10 Apr 2018 16:45

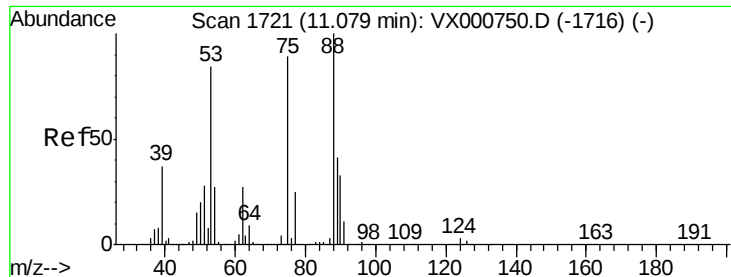
Tgt Ion: 105 Resp: 746738

Ion Ratio Lower Upper

105 100

120 50.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.94 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

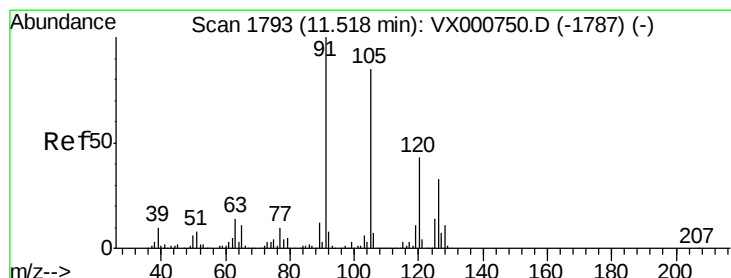
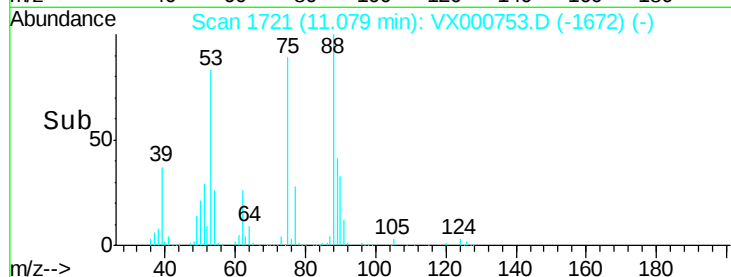
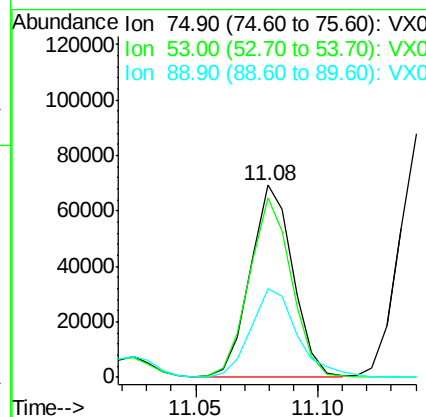
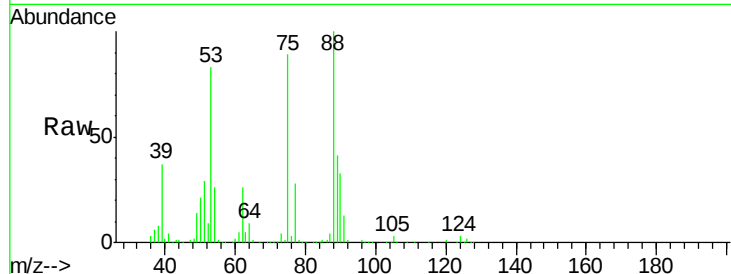
ClientSampleId :

ICVVX041018

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	75.4	113.0
89	51.1	40.9	61.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.16 ug/l

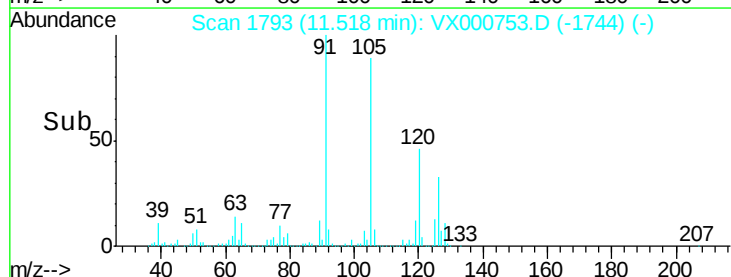
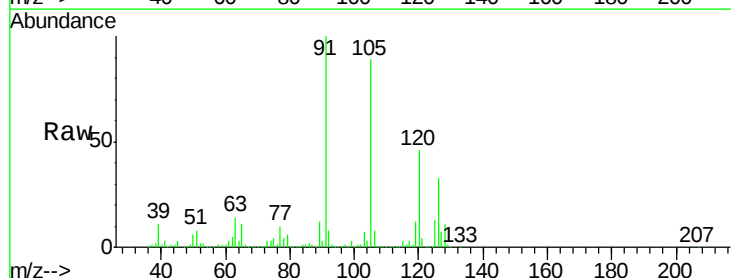
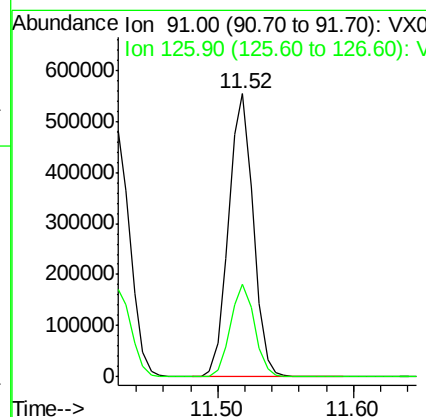
RT: 11.52 min Scan# 1793

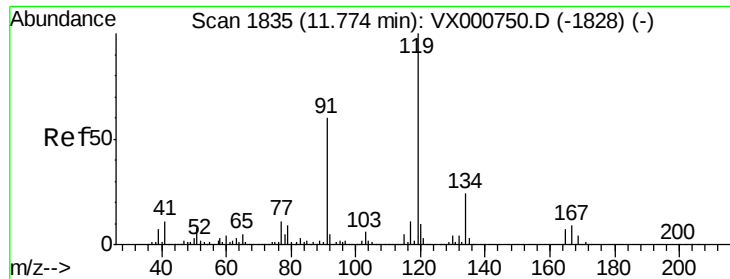
Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.6





#83

tert-Butylbenzene

Concen: 49.58 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

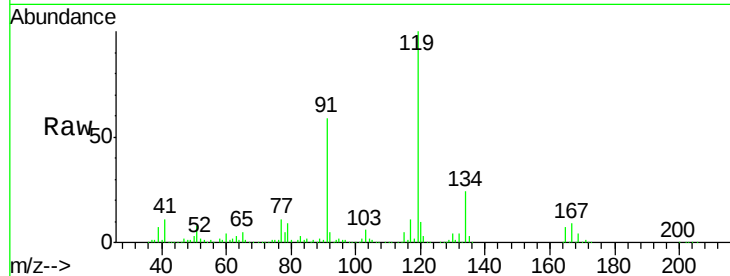
ClientSampleId :

ICVVX041018

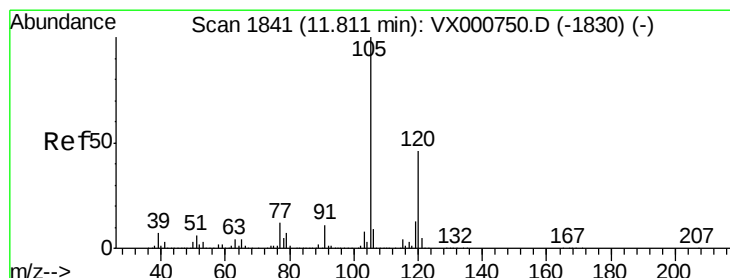
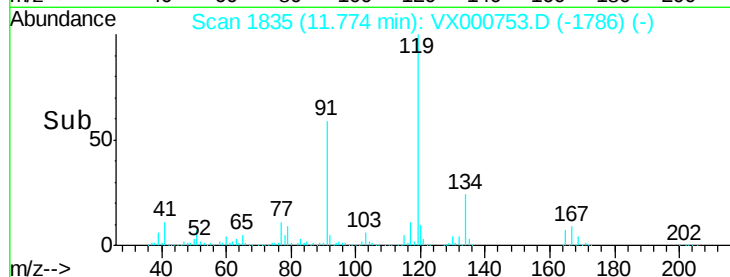
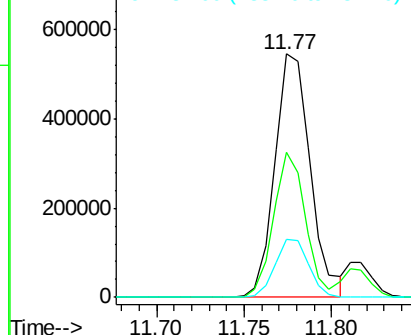
Tot Ion:	119	Resp:	771624
Ion Ratio	Lower	Upper	
119	100		
91	53.4	26.8	80.3
134	22.9	11.5	34.4

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.10 ug/l

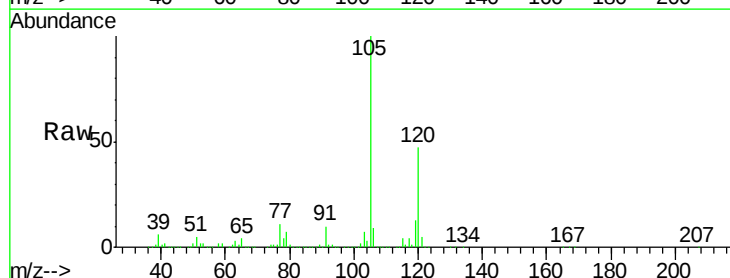
RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

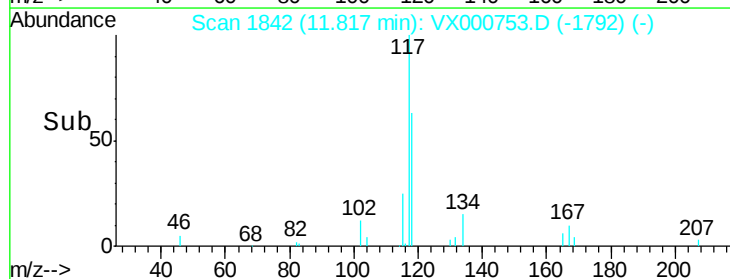
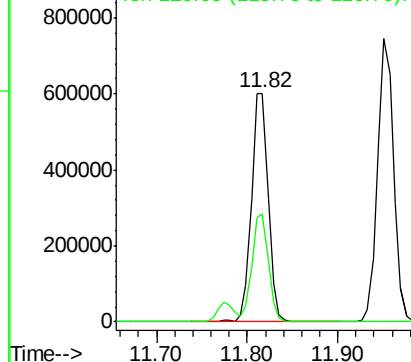
Lab File: VX000753.D

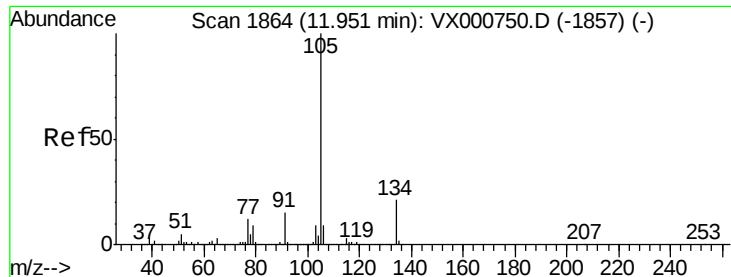
Acq: 10 Apr 2018 16:45

Tgt Ion:	105	Resp:	770975
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.80 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

Tot Ion:105 Resp: 914206

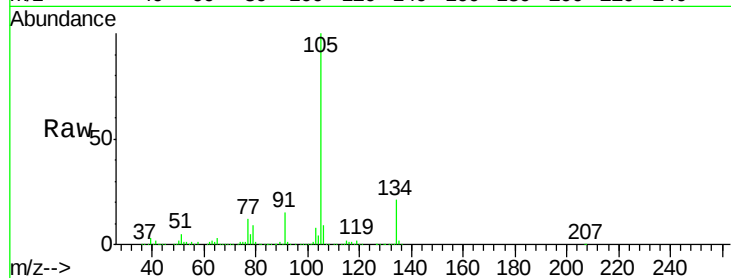
Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.4

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:45 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

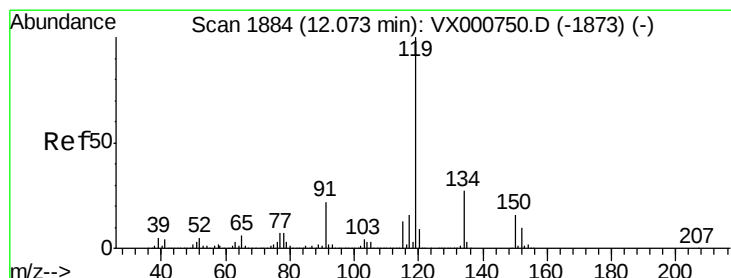
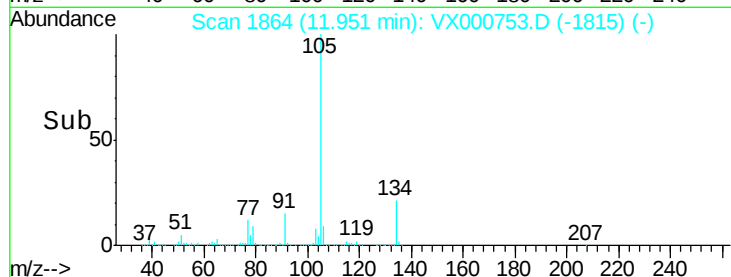
200000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 49.90 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

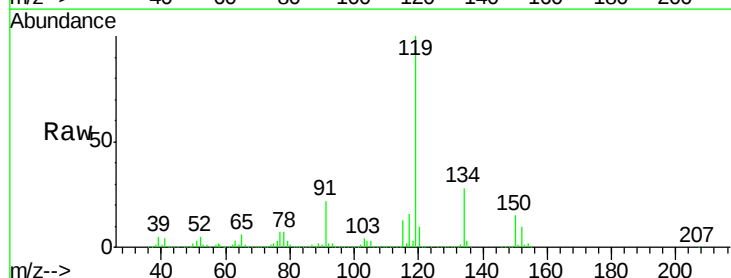
Tgt Ion:119 Resp: 854340

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.1 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

800000

600000

400000

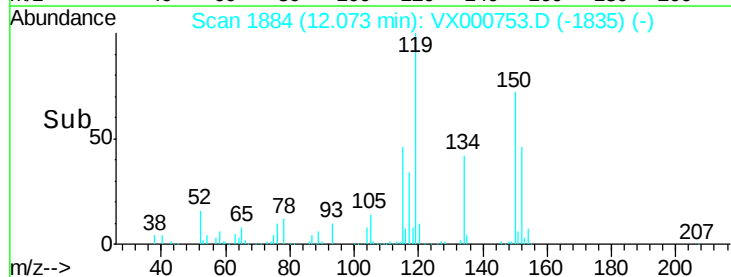
200000

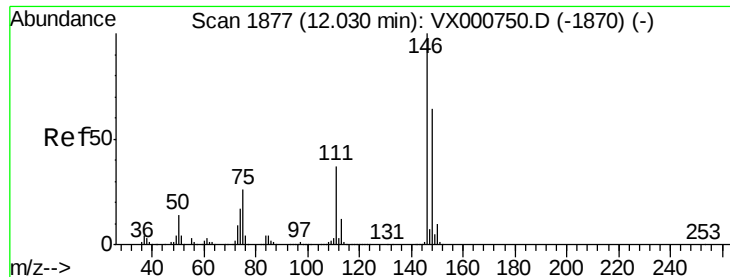
0

12.00

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.48 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

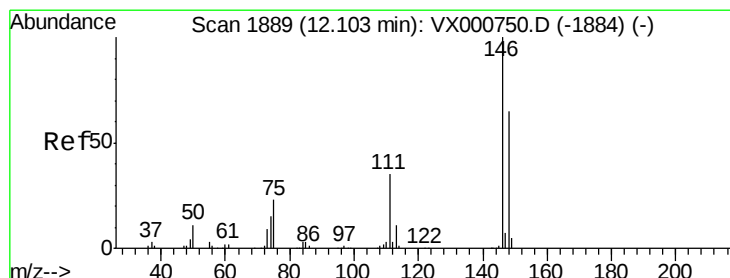
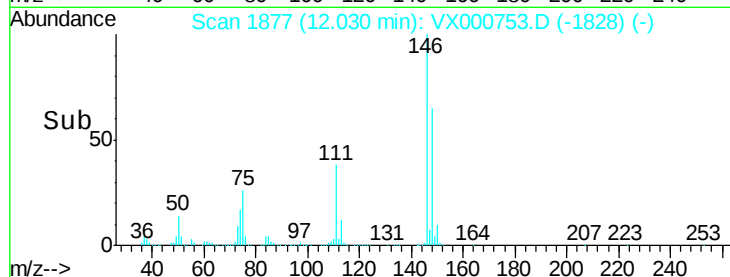
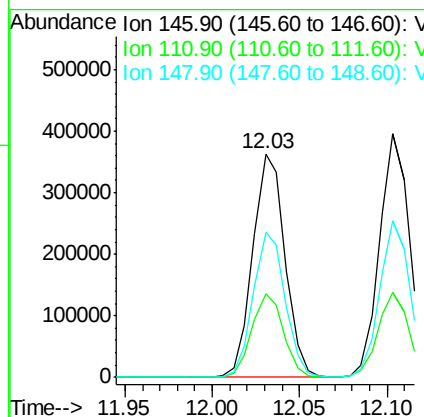
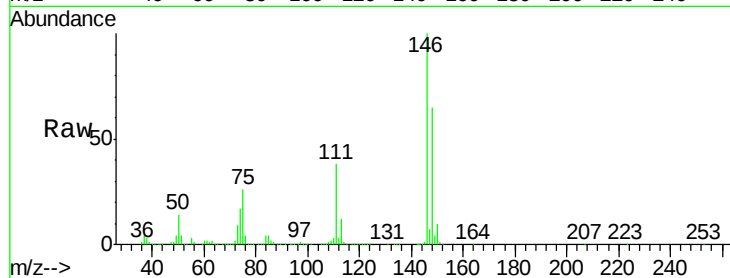
ClientSampleId :

ICVX041018

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.5	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.14 ug/l

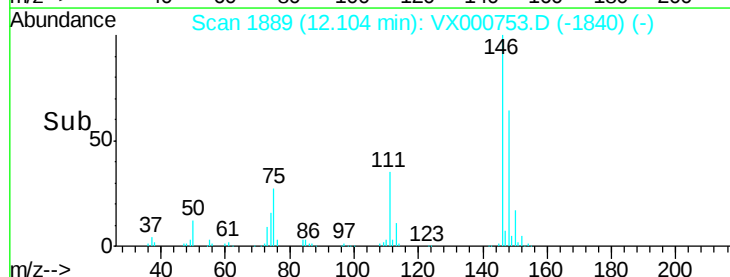
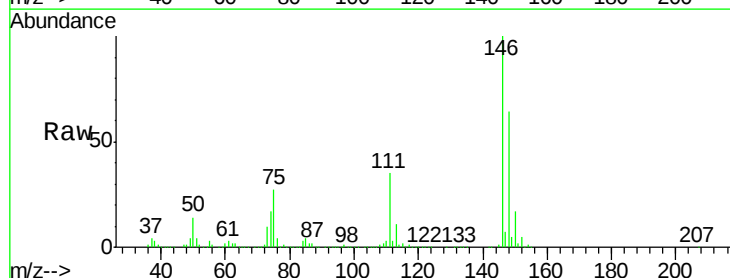
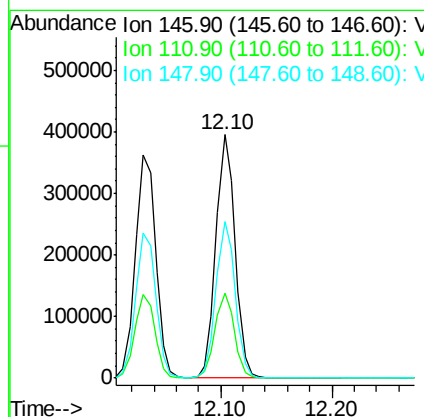
RT: 12.10 min Scan# 1889

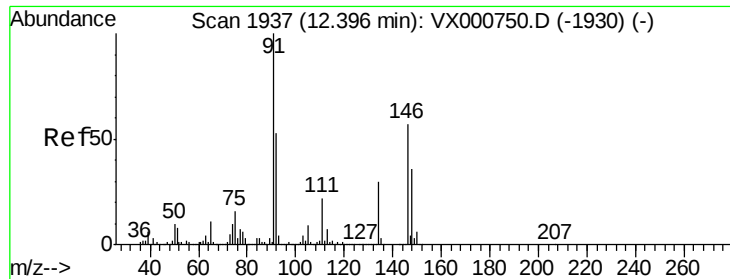
Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	17.9	53.8
148	64.6	32.6	97.7





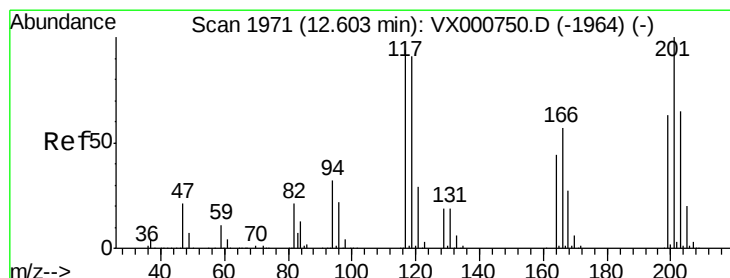
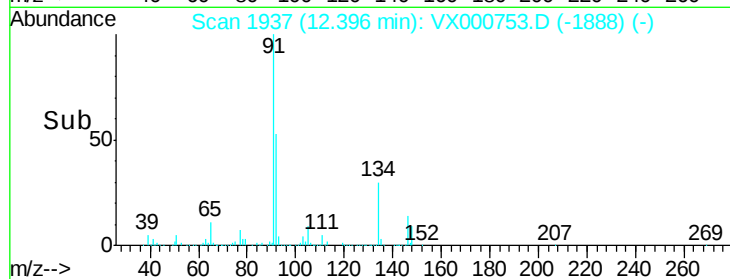
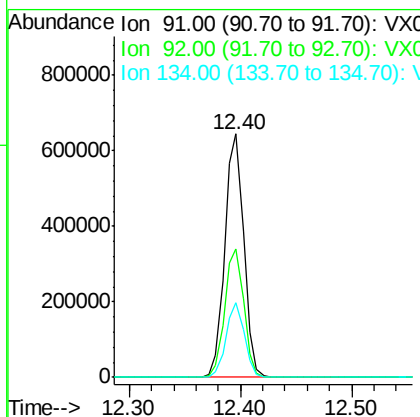
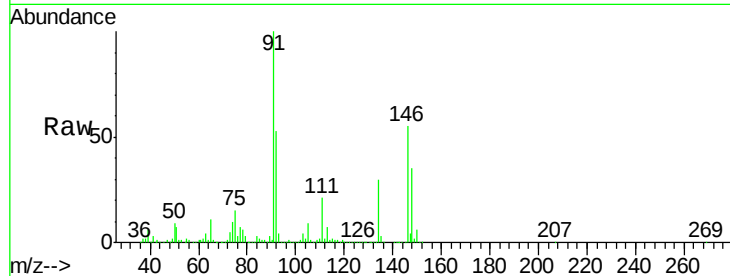
#89
n-Butylbenzene
Concen: 50.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	29.4	14.5	43.5

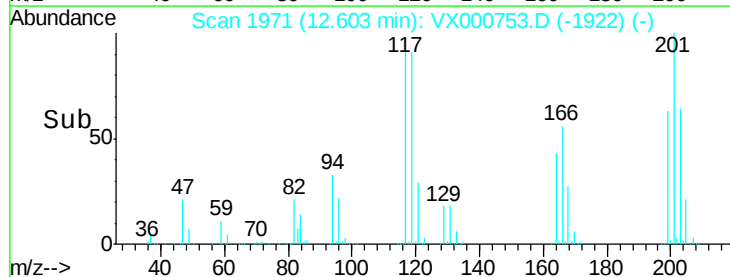
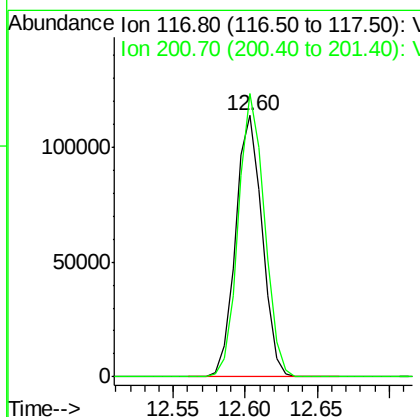
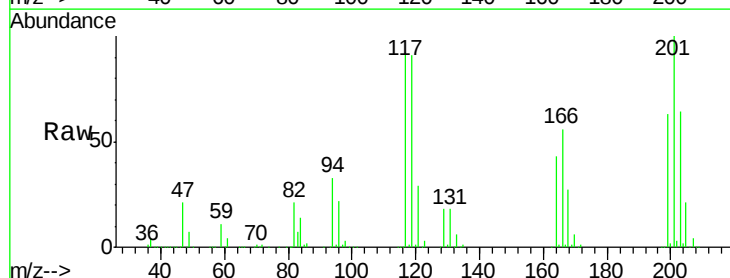
Manual Integrations
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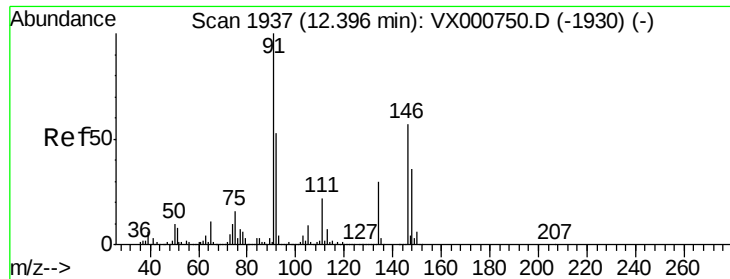
MMDadoda
4/11/2018 11:20:45 AM



#90
Hexachloroethane
Concen: 50.48 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	106.3	52.9	158.7





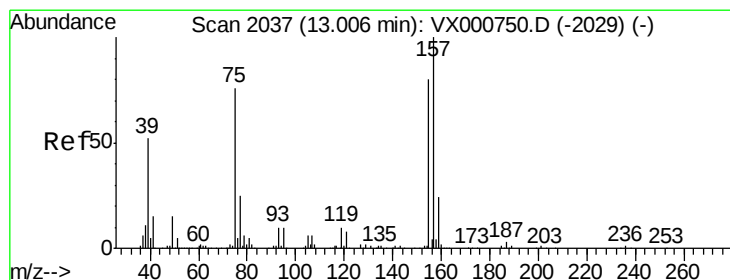
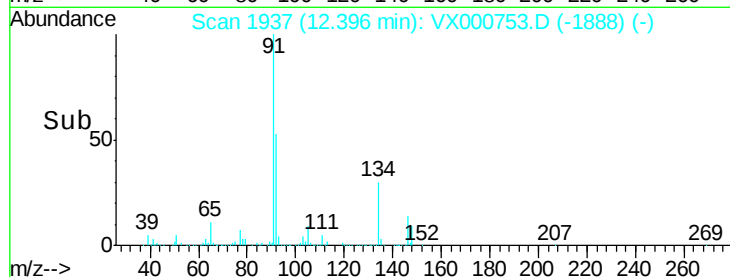
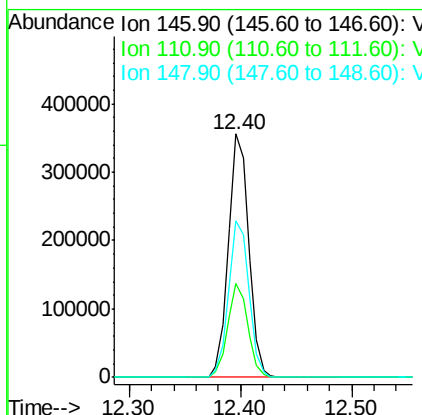
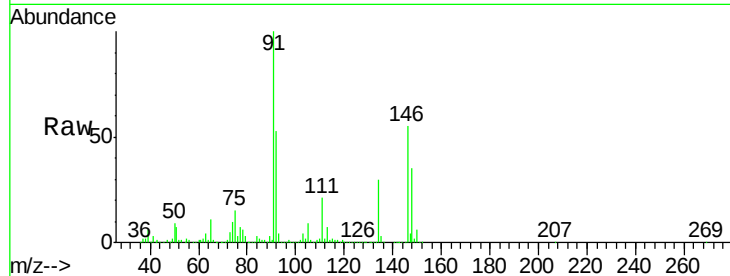
#91
 1,2-Dichlorobenzene
 Concen: 48.57 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.7
148	64.4	32.0	96.2

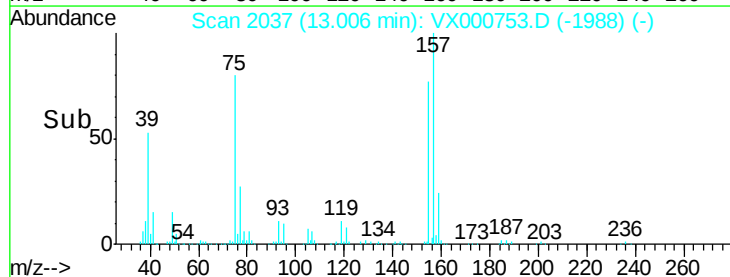
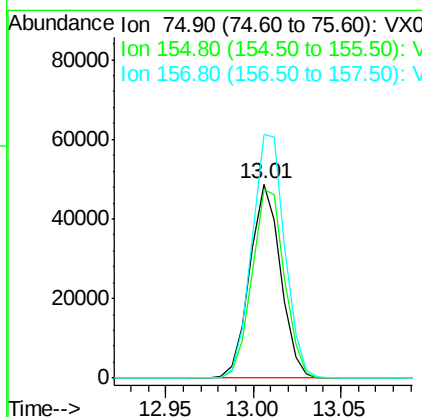
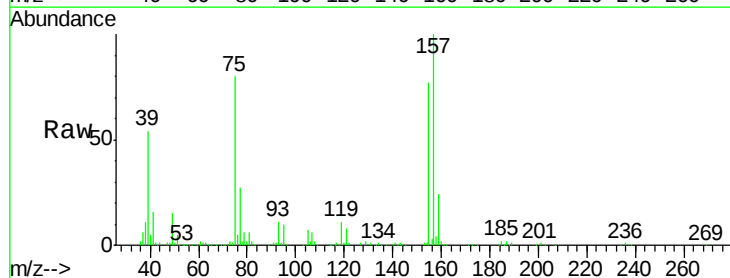
Manual Integrations
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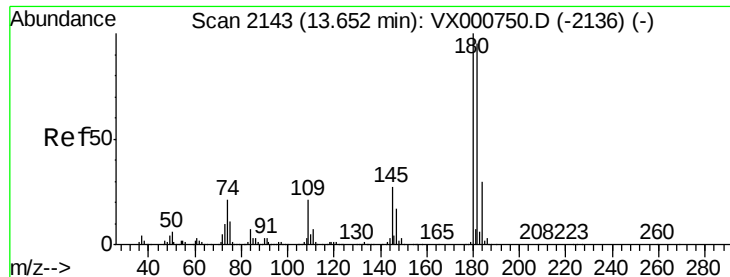
MMDadoda
 4/11/2018 11:20:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.49 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.9	51.9	155.8
157	133.3	66.6	199.8





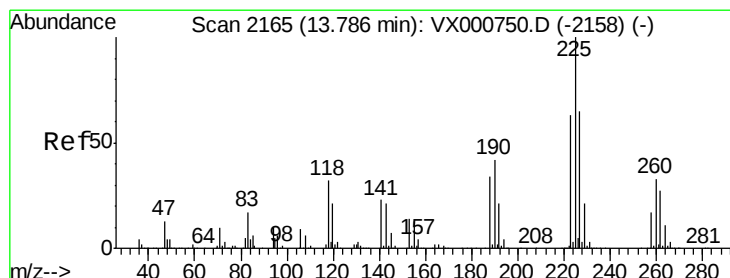
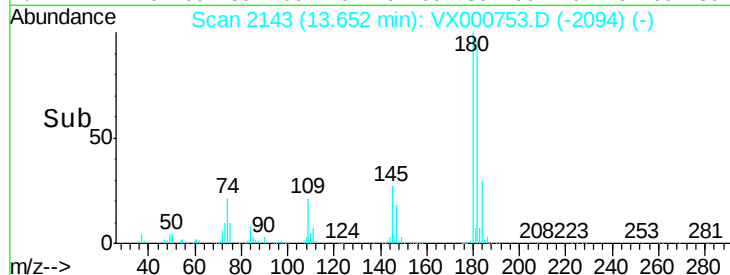
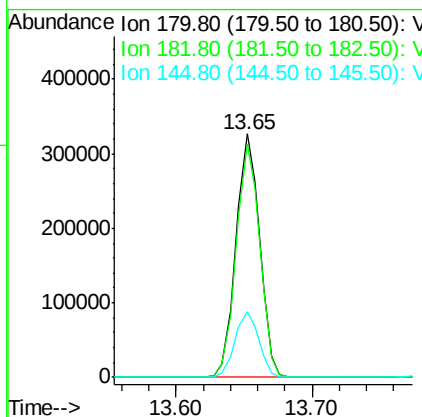
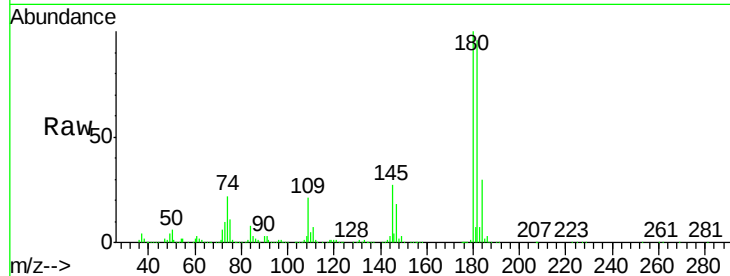
#93
 1,2,4-Trichlorobenzene
 Concen: 49.89 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

Tot Ion	Ratio	Resp	Lower	Upper
180	100	394263		
182	95.5	47.5	142.5	
145	27.3	13.8	41.4	

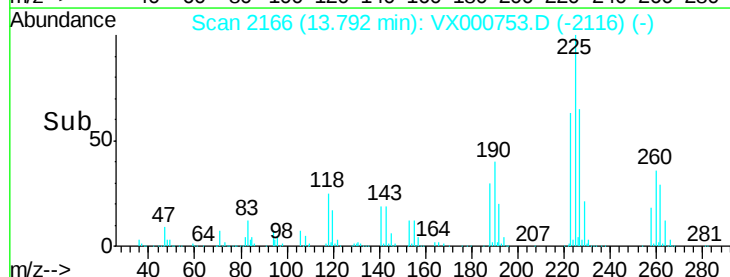
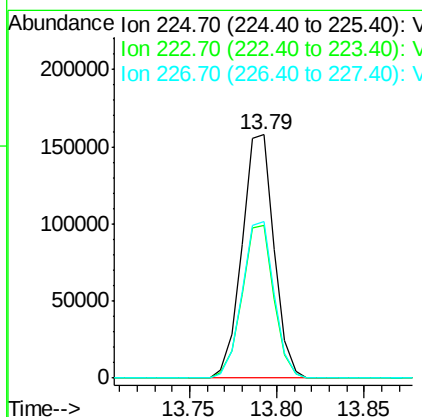
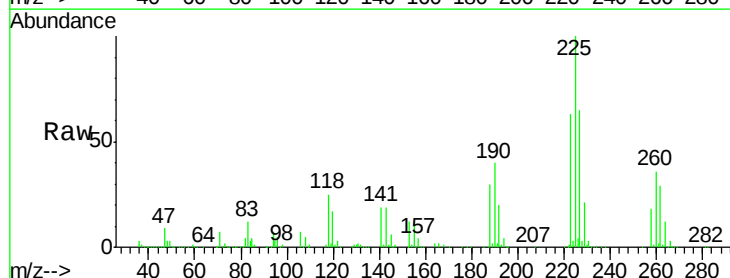
Manual Integrations
 APPROVED

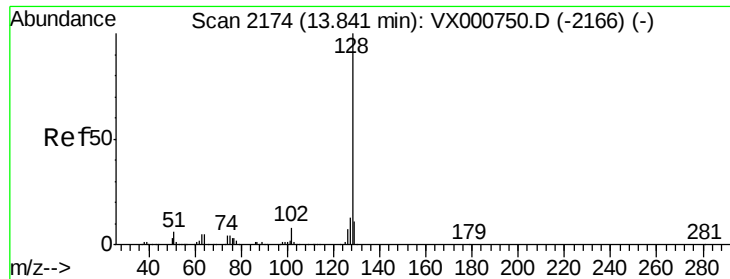
MMDadoda
 4/11/2018 11:20:45 AM



#94
 Hexachlorobutadiene
 Concen: 51.32 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	199455		
223	62.4	31.2	93.6	
227	64.4	32.3	96.9	





#95

Naphthalene

Concen: 48.75 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

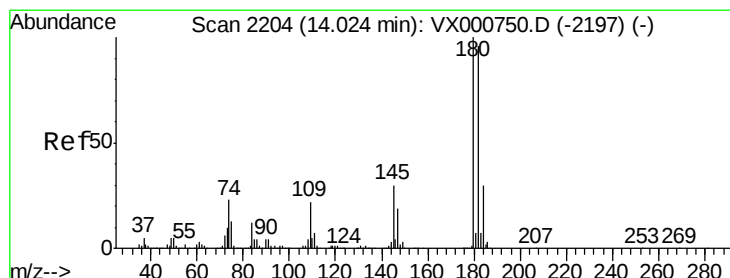
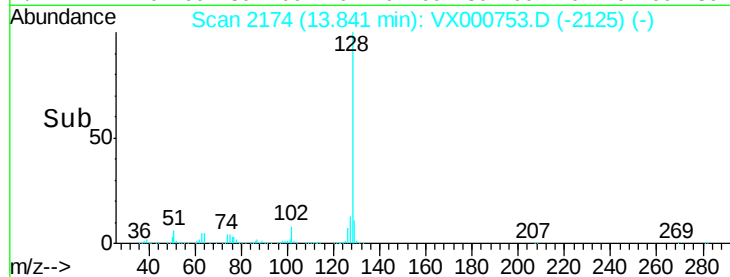
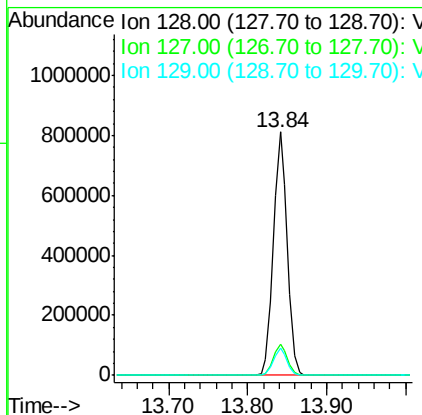
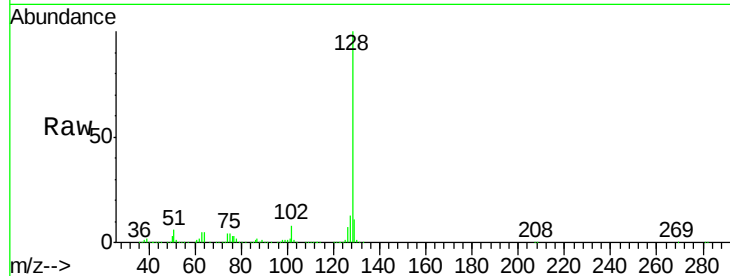
ClientSampleId :

ICVVX041018

Tot Ion:	128	Resp:	988977
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:45 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.21 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion:	180	Resp:	377776
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.4	145.2
145	29.2	14.6	43.8

