

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002237.D
 Acq On : 02 Jun 2018 14:09
 Operator : JC/MD
 Sample : VX0602WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:50 PM

Quant Time: Jun 04 05:36:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174094	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
35) Dibromofluoromethane	5.51	113	130366	43.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.30%	
50) Toluene-d8	8.72	98	507826	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.14	95	193251	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41393	13.86	ug/l	98
3) Chloromethane	1.32	50	56699	17.07	ug/l	98
4) Vinyl Chloride	1.40	62	59849	18.67	ug/l	99
5) Bromomethane	1.64	94	40381	26.92	ug/l	99
6) Chloroethane	1.72	64	40722	21.54	ug/l	98
7) Trichlorofluoromethane	1.93	101	101209	21.02	ug/l	99
8) Diethyl Ether	2.19	74	41478	23.74	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58704	21.85	ug/l	97
10) Methyl Iodide	2.51	142	63610	17.50	ug/l	99
11) Tert butyl alcohol	3.07	59	94763	125.14	ug/l	97
12) 1,1-Dichloroethene	2.37	96	52487	20.86	ug/l	99
13) Acrolein	2.29	56	23674	72.31	ug/l	98
14) Allyl chloride	2.73	41	112906	21.38	ug/l	95
15) Acrylonitrile	3.15	53	182217	117.01	ug/l	100
16) Acetone	2.45	43	192127	129.04	ug/l	98
17) Carbon Disulfide	2.57	76	111706	15.43	ug/l	100
18) Methyl Acetate	2.78	43	91931	25.06	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	218038	23.04	ug/l	99
20) Methylene Chloride	2.86	84	65475	24.55	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	57868	22.77	ug/l	98
22) Diisopropyl ether	3.87	45	207138	19.29	ug/l	96
23) Vinyl Acetate	3.82	43	905074	101.63	ug/l	99
24) 1,1-Dichloroethane	3.70	63	120140	23.55	ug/l	100
25) 2-Butanone	4.71	43	251267	92.08	ug/l	99
26) 2,2-Dichloropropane	4.59	77	85265	16.51	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	61073	18.62	ug/l	99
28) Bromochloromethane	5.03	49	52351	23.33	ug/l	100
29) Tetrahydrofuran	5.17	42	156885	88.37	ug/l	99
30) Chloroform	5.22	83	109119	18.98	ug/l	100
31) Cyclohexane	5.57	56	88409	16.63	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	90878	16.96	ug/l	98
36) 1,1-Dichloropropene	5.80	75	76300	18.37	ug/l	99
37) Ethyl Acetate	4.86	43	94027	17.36	ug/l	100
38) Carbon Tetrachloride	5.79	117	77177	15.93	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
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Manual Integrations
 APPROVED

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Quant Time: Jun 04 05:36:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91208	17.87	ug/l	97
40) Benzene	6.15	78	235374	19.34	ug/l	99
41) Methacrylonitrile	5.07	41	54802	18.31	ug/l	99
42) 1,2-Dichloroethane	6.20	62	95506	19.64	ug/l	99
43) Isopropyl Acetate	6.47	43	157520	17.45	ug/l	100
44) Trichloroethene	7.22	130	66345	18.71	ug/l	96
45) 1,2-Dichloropropane	7.52	63	64037	19.37	ug/l	99
46) Dibromomethane	7.67	93	42244	19.30	ug/l	99
47) Bromodichloromethane	7.90	83	75753	16.23	ug/l	98
48) Methyl methacrylate	7.78	41	80095	17.44	ug/l	96
49) 1,4-Dioxane	7.76	88	31344	387.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	518035	95.22	ug/l	99
52) Toluene	8.79	92	152472	19.68	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	93075	17.32	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	84527	16.14	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	64191	19.84	ug/l	97
56) Ethyl methacrylate	9.18	69	98065	17.62	ug/l	98
57) 1,3-Dichloropropane	9.38	76	105938	19.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	211245	85.63	ug/l	99
59) 2-Hexanone	9.50	43	401258	95.66	ug/l	99
60) Dibromochloromethane	9.59	129	59440	15.51	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65606	19.32	ug/l	99
64) Tetrachloroethene	9.34	164	76876	18.99	ug/l	99
65) Chlorobenzene	10.14	112	178071	19.90	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	61296	16.97	ug/l	99
67) Ethyl Benzene	10.26	91	300473	19.33	ug/l	100
68) m/p-Xylenes	10.36	106	232888	39.19	ug/l	98
69) o-Xylene	10.70	106	114164	19.24	ug/l	100
70) Styrene	10.71	104	187594	19.06	ug/l	100
71) Bromoform	10.86	173	43996	12.84	ug/l #	99
73) Isopropylbenzene	11.02	105	309385	19.01	ug/l	99
74) N-amyl acetate	6.47	43	157520	16.54	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91138	19.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	94050m	20.37	ug/l	
77) Bromobenzene	11.26	156	84083	19.47	ug/l	95
78) n-propylbenzene	11.37	91	350972	19.25	ug/l	100
79) 2-Chlorotoluene	11.43	91	212557	19.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	262740	18.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23204	12.08	ug/l #	83
82) 4-Chlorotoluene	11.51	91	249799	19.43	ug/l	100
83) tert-Butylbenzene	11.77	119	254018	18.61	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	273272	19.01	ug/l	99
85) sec-Butylbenzene	11.95	105	317207	19.33	ug/l	100
86) p-Isopropyltoluene	12.07	119	285080	19.41	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	153032	19.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	153416	19.84	ug/l	99
89) n-Butylbenzene	12.39	91	241175	19.38	ug/l	99
90) Hexachloroethane	12.60	117	38926	13.44	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	156237	19.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19823	13.70	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Manual Integrations
APPROVED

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6/4/2018 2:31:50 PM

Quant Time: Jun 04 05:36:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112154	19.90	ug/l	99
94) Hexachlorobutadiene	13.79	225	58567	19.32	ug/l	99
95) Naphthalene	13.84	128	321651	18.53	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	115543	19.82	ug/l	99

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

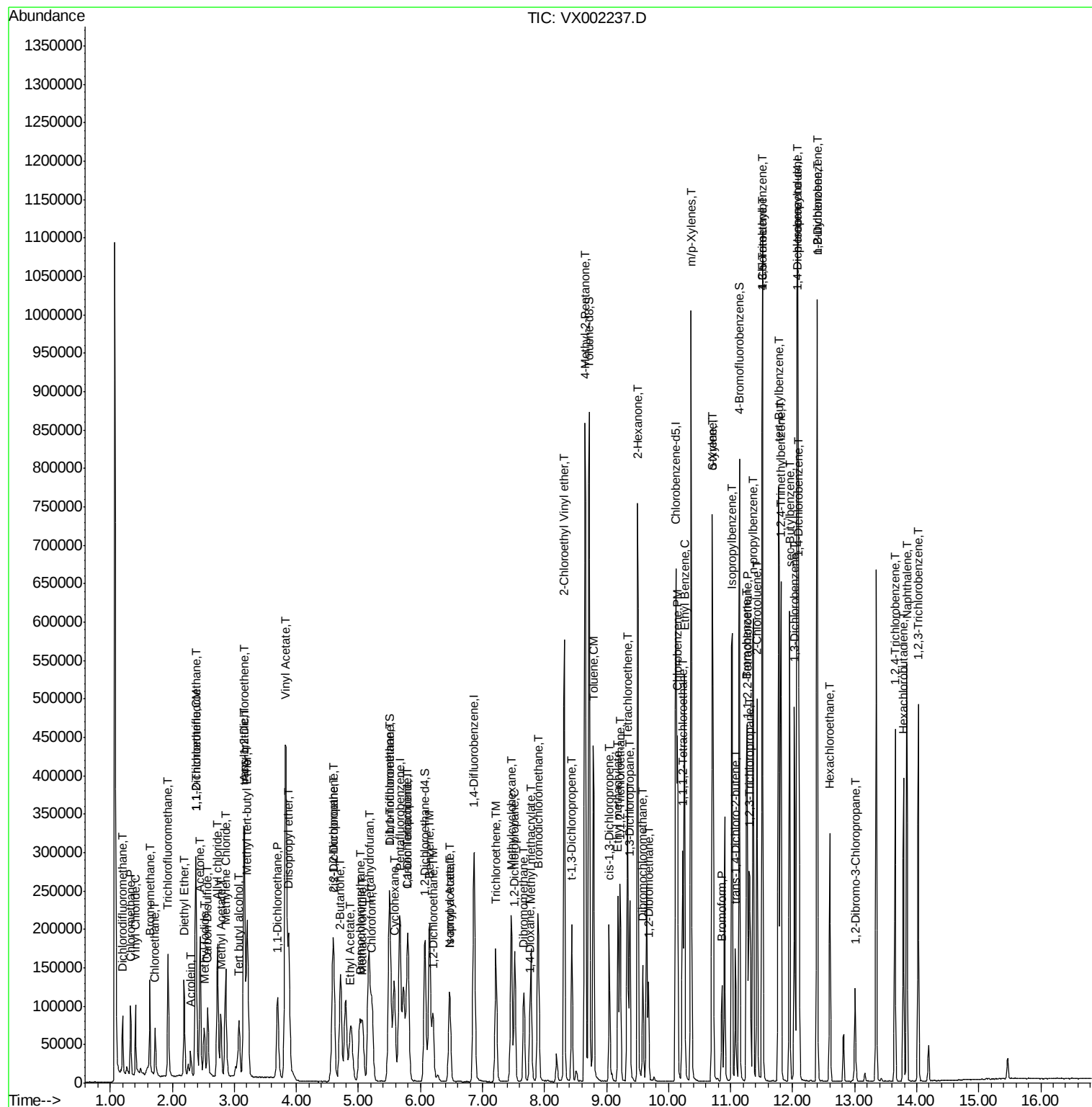
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 Data File : VX002237.D
 Acq On : 02 Jun 2018 14:09
 Operator : JC/MD
 Sample : VX0602WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

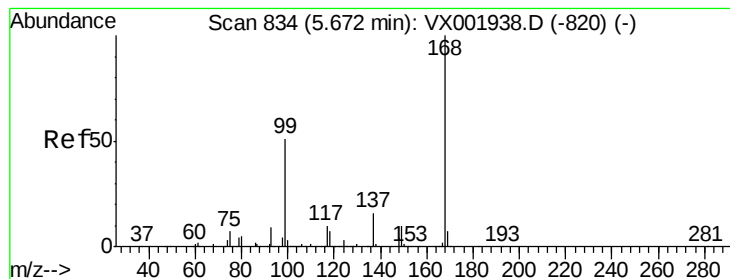
Instrument :
 MSVOA_X
 Client Sample Id :
 VX0602WBS01

Manual Integrations
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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
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#1

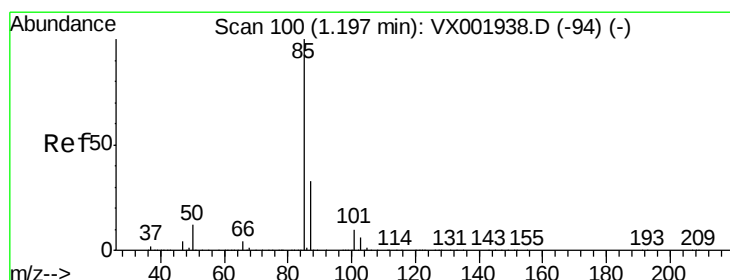
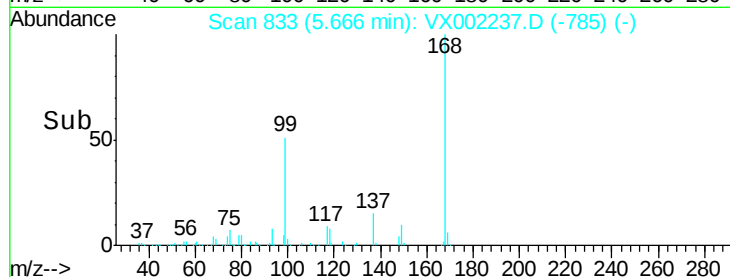
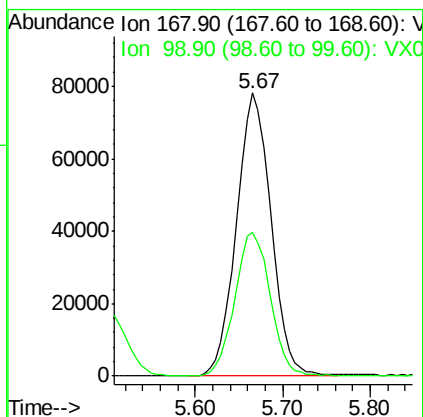
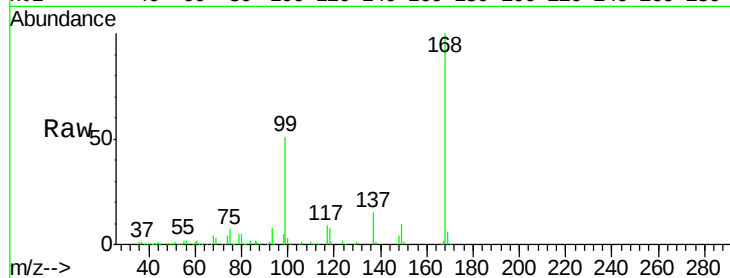
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.5	41.0	61.4

Manual Integrations
APPROVED

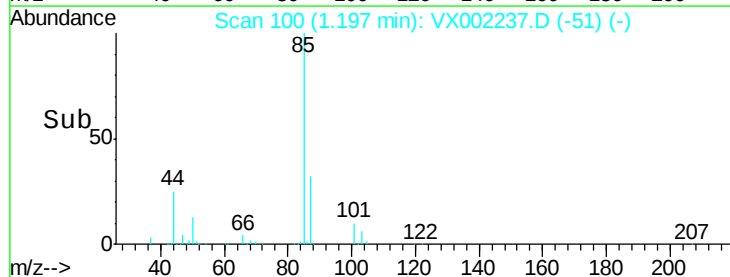
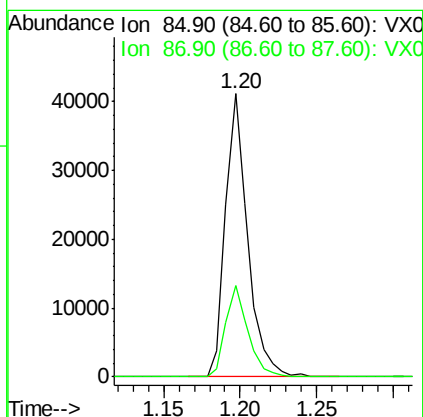
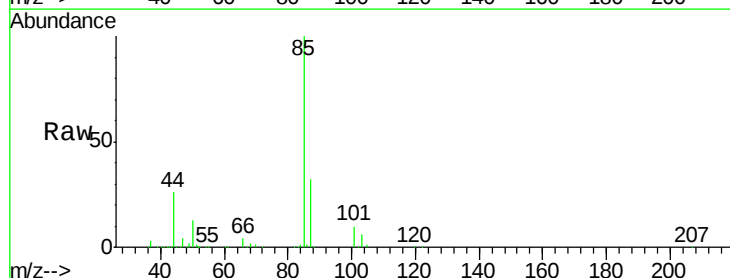
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#2

Dichlorodifluoromethane
Concen: 13.86 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.7	50.0





#3

Chloromethane

Concen: 17.07 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion: 50 Resp: 56699

Ion Ratio Lower Upper

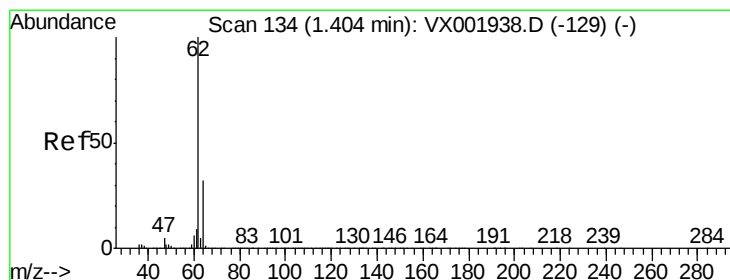
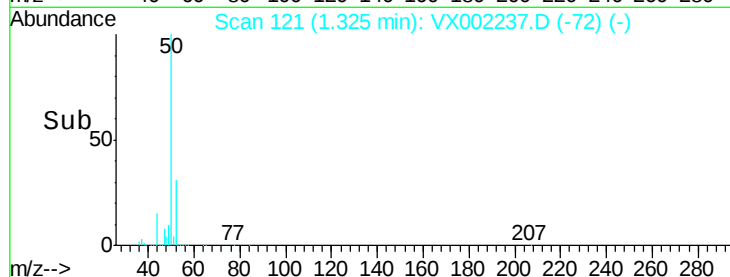
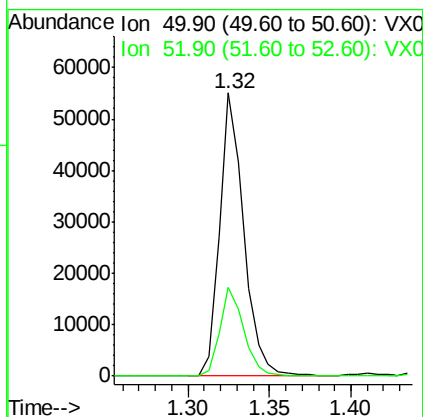
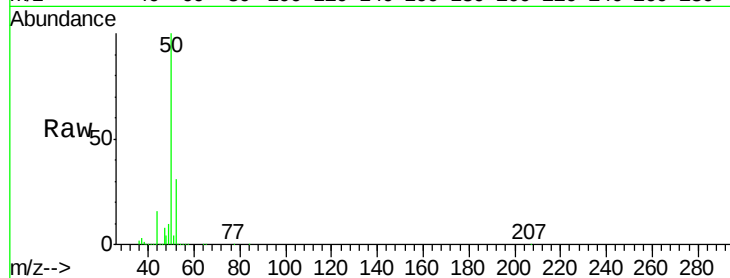
50 100

52 31.4 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.67 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002237.D

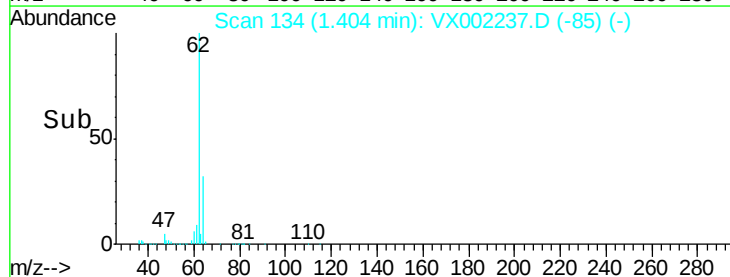
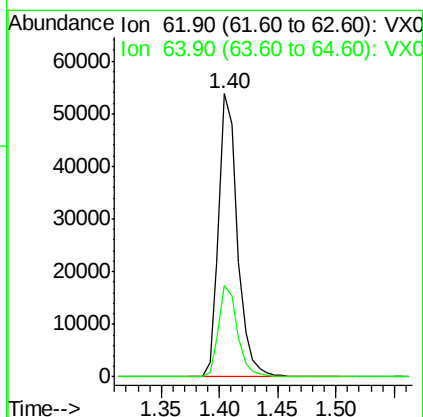
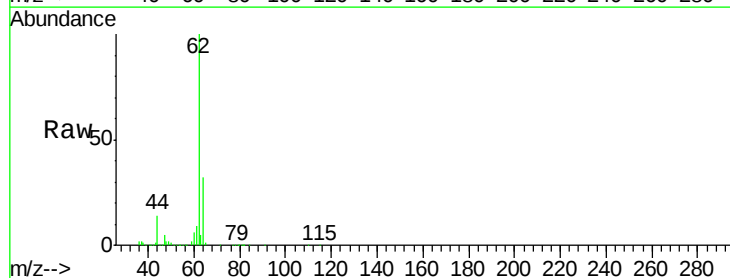
Acq: 02 Jun 2018 14:09

Tgt Ion: 62 Resp: 59849

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 26.92 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion: 94 Resp: 40381

Ion Ratio Lower Upper

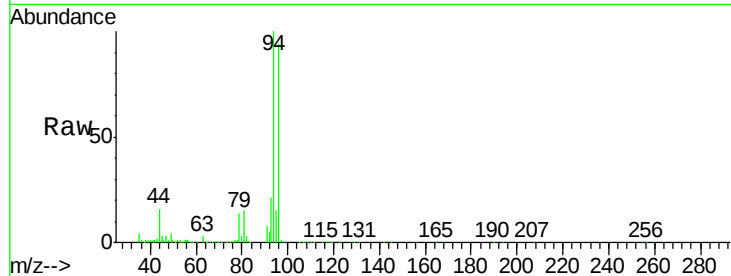
94 100

96 94.1 75.9 113.9

Manual Integrations
APPROVED

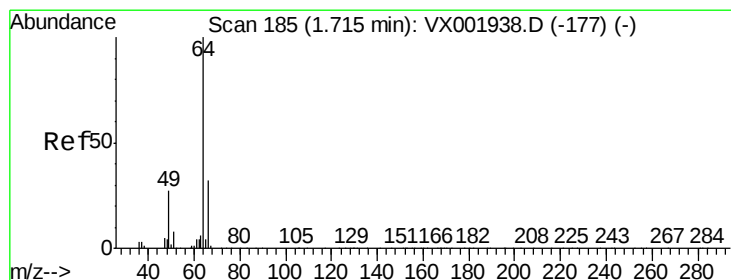
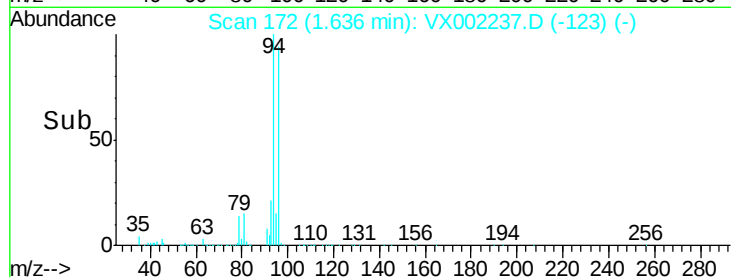
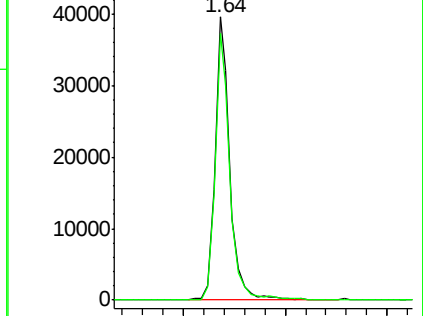
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.54 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002237.D

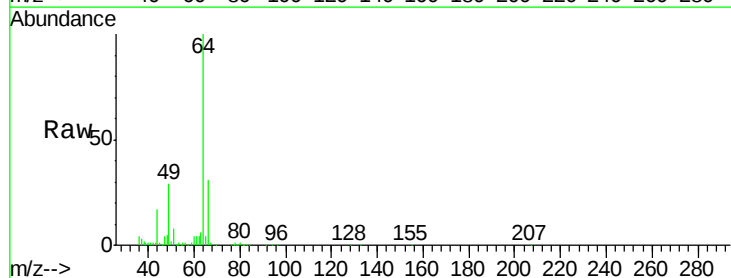
Acq: 02 Jun 2018 14:09

Tgt Ion: 64 Resp: 40722

Ion Ratio Lower Upper

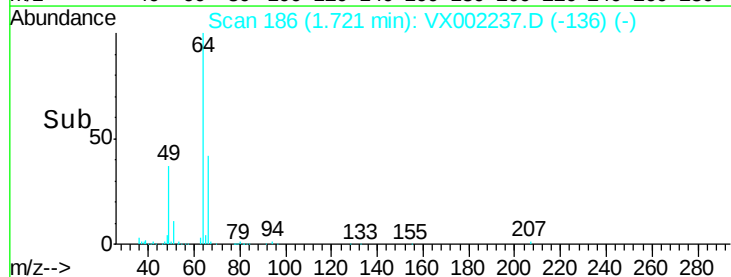
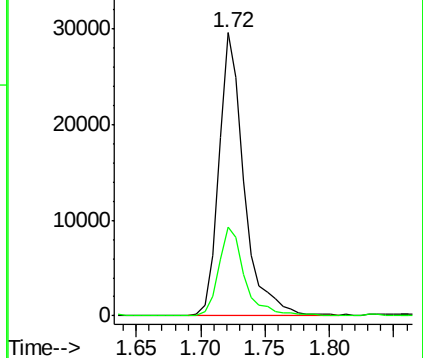
64 100

66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

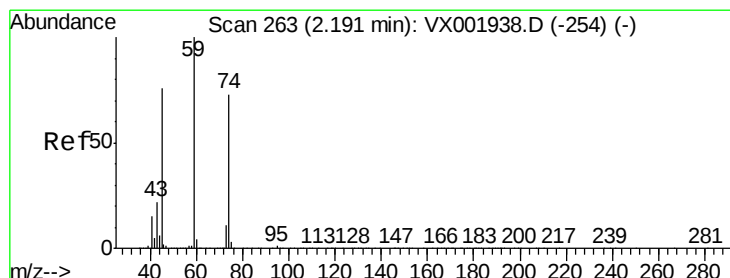
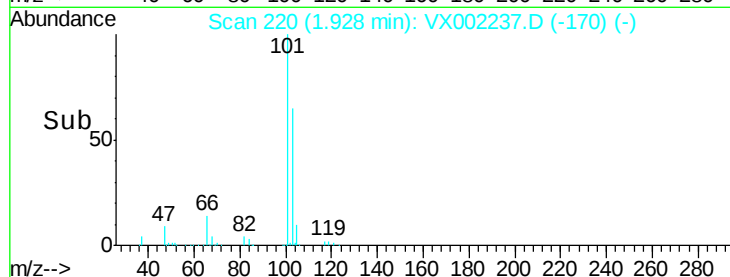
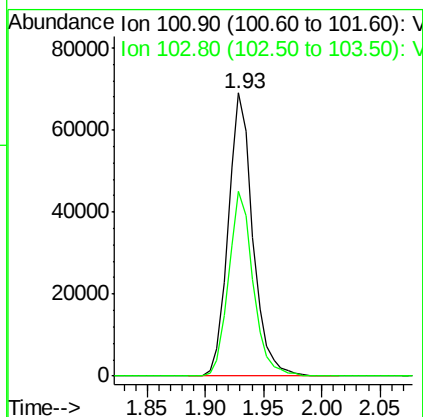
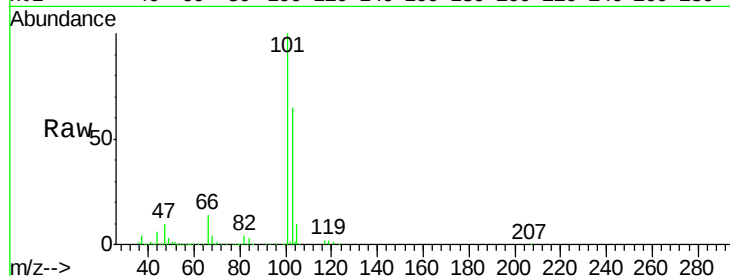
Trichlorofluoromethane
 Concen: 21.02 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.4	77.0

Manual Integrations
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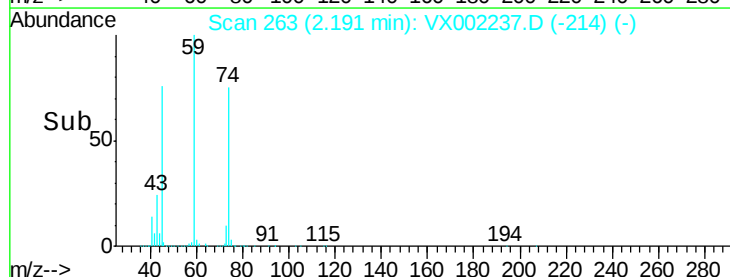
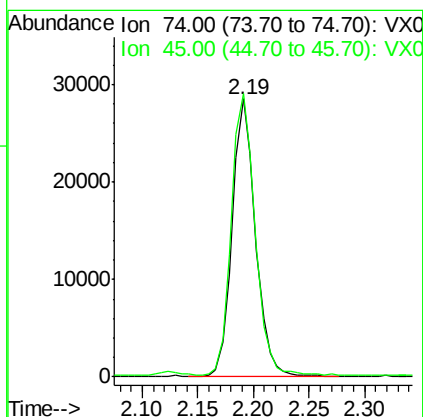
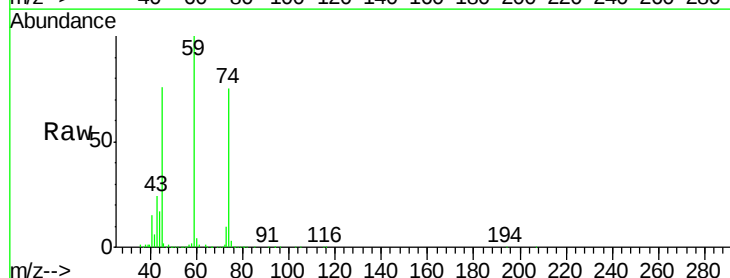
MMDadoda
 6/4/2018 2:31:50 PM



#8

Diethyl Ether
 Concen: 23.74 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	51.5	154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.85 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

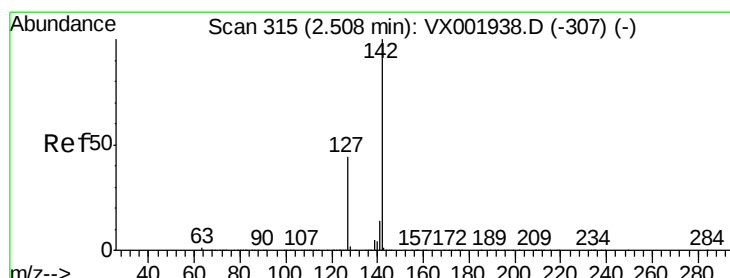
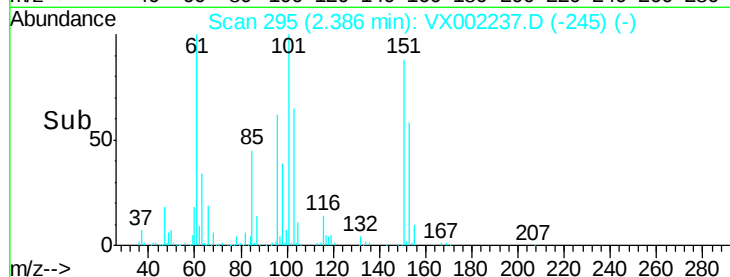
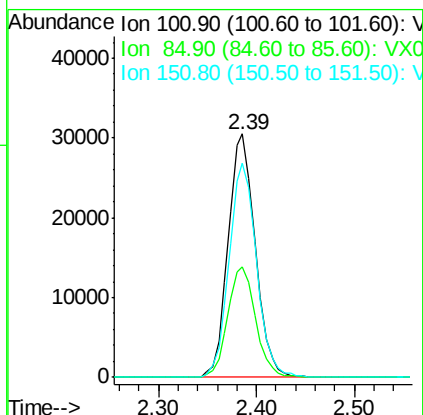
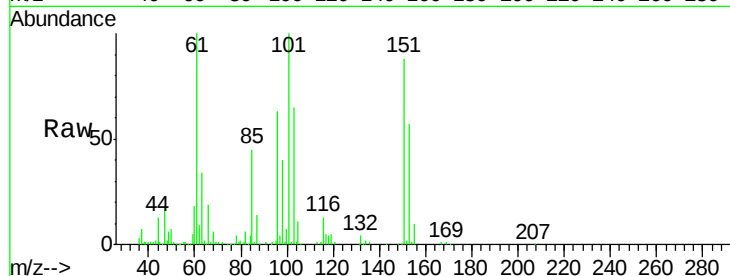
ClientSampleId :

VX0602WBS01

Tot Ion:	101	Resp:	58704
Ion Ratio	Lower	Upper	
101	100		
85	46.8	35.6	53.4
151	89.2	73.2	109.8

Manual Integrations
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#10

Methyl Iodide

Concen: 17.50 ug/l

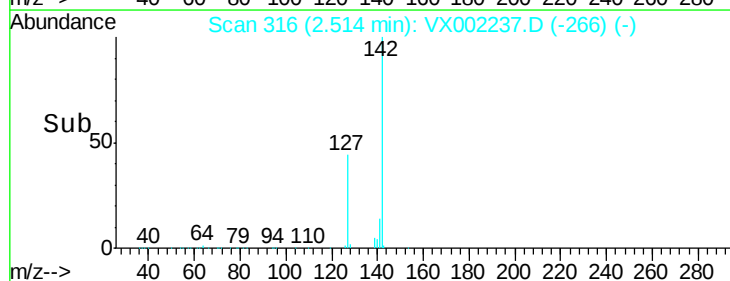
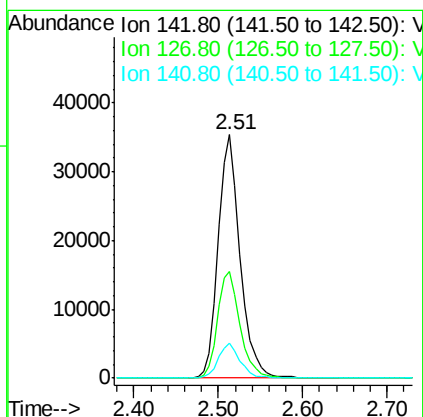
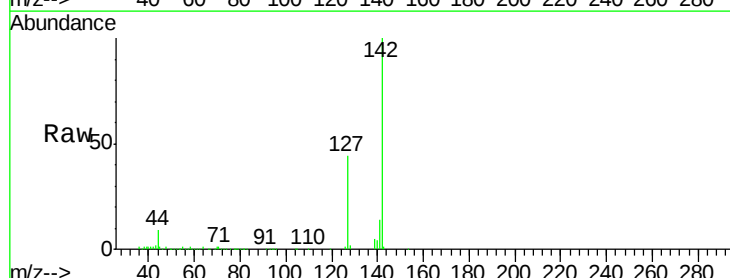
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion:	142	Resp:	63610
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.5	53.3
141	14.3	11.3	16.9





#11

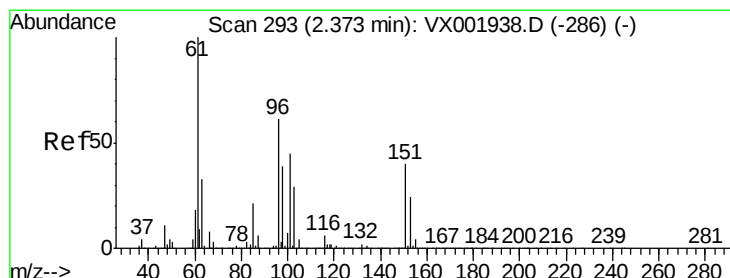
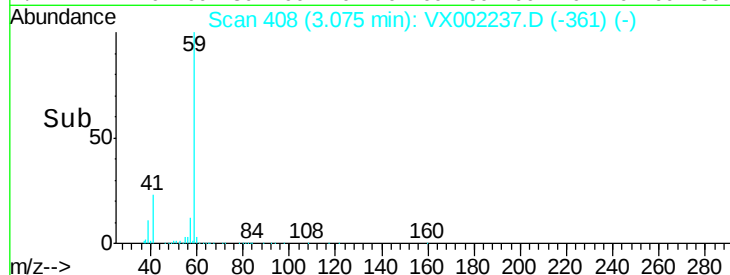
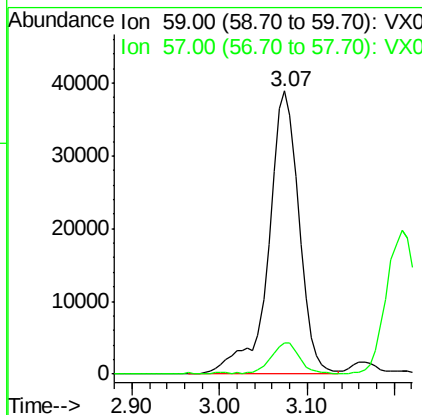
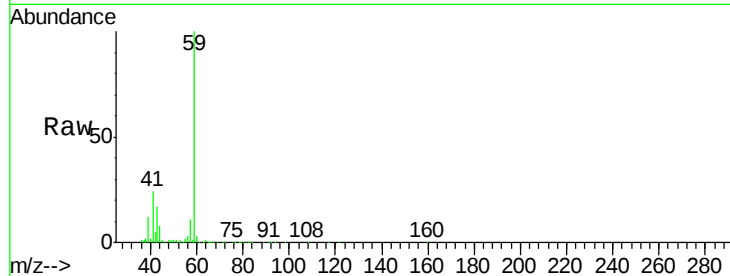
Tert butyl alcohol
Concen: 125.14 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.9	13.3

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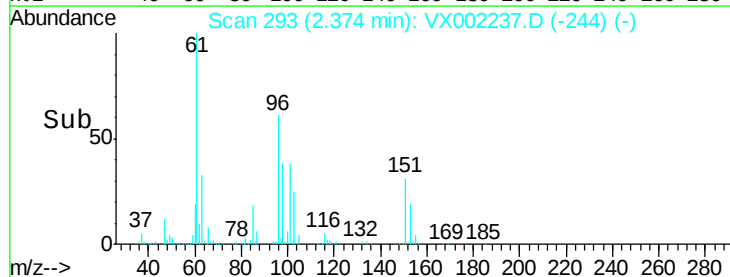
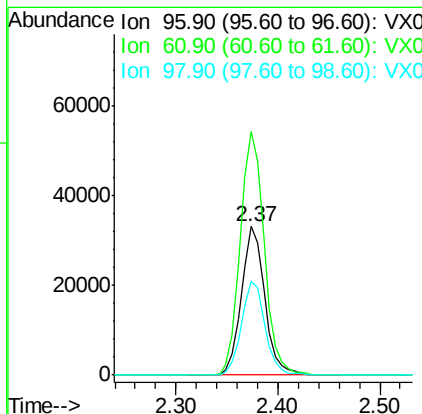
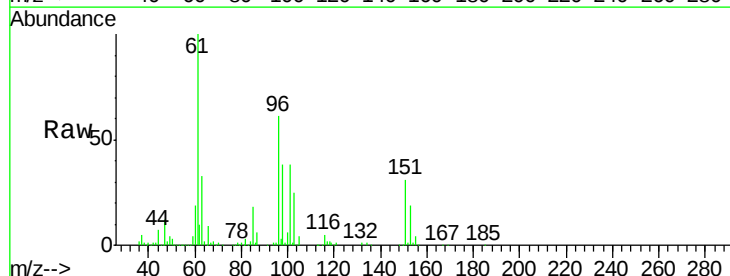
MMDadoda
6/4/2018 2:31:50 PM

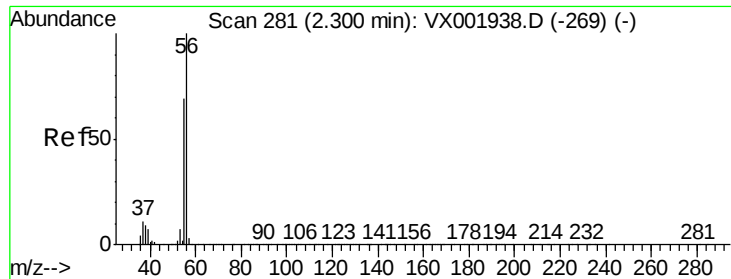


#12

1,1-Dichloroethene
Concen: 20.86 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.2	131.7	197.5
98	62.9	51.6	77.4





#13

Acrolein

Concen: 72.31 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion: 56 Resp: 23674

Ion Ratio Lower Upper

56 100

55 69.4

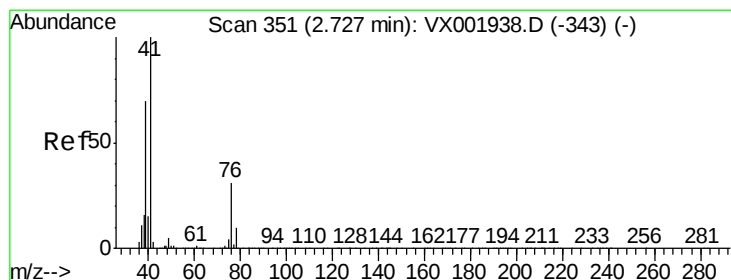
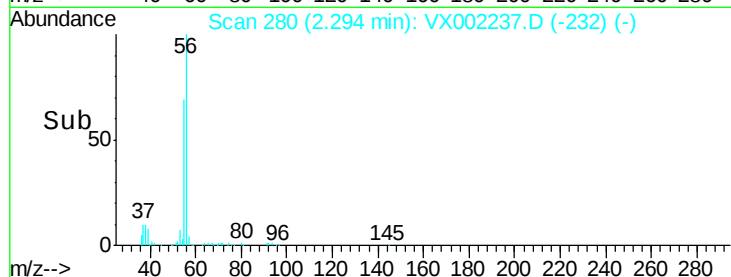
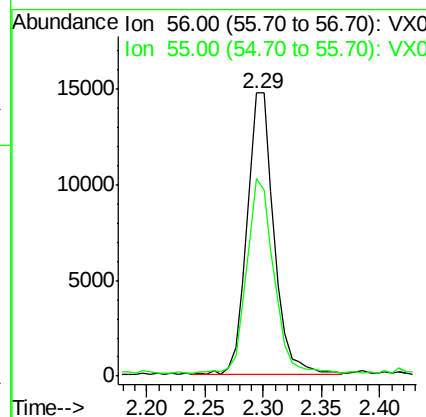
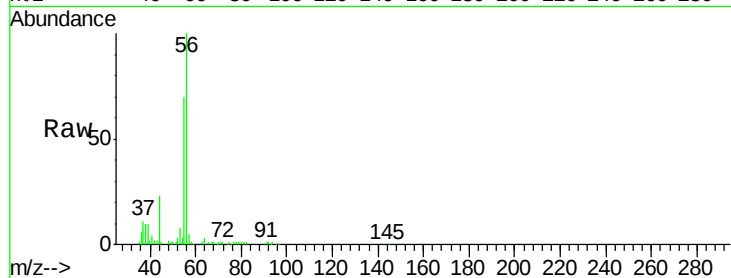
56.8

85.2

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#14

Allyl chloride

Concen: 21.38 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion: 41 Resp: 112906

Ion Ratio Lower Upper

41 100

39 72.9

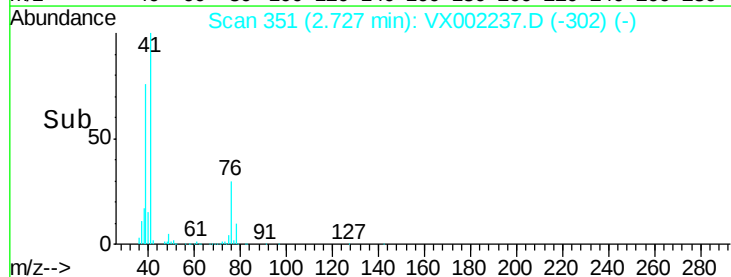
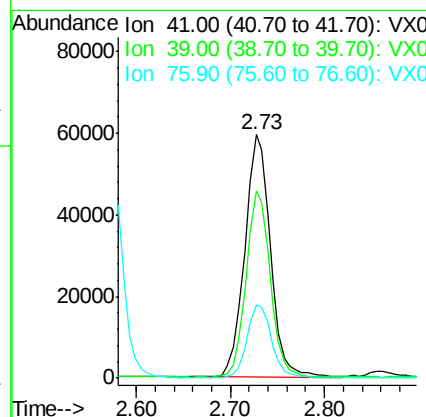
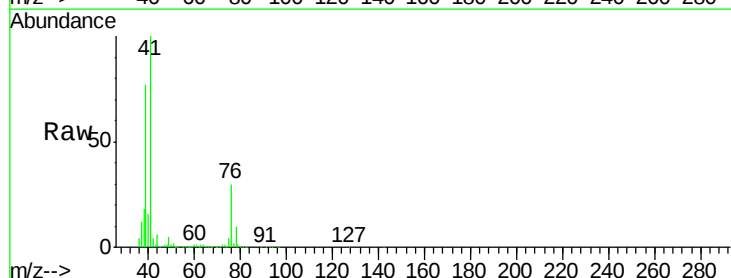
76 29.5

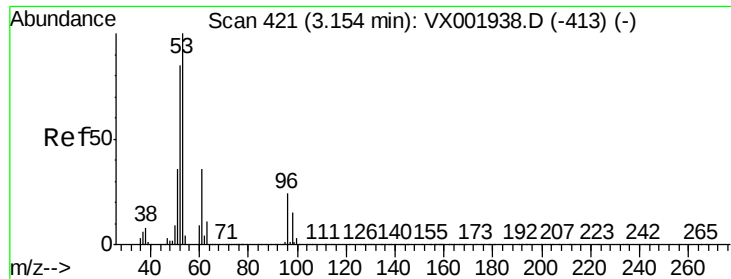
54.3

24.2

81.5

36.4





#15

Acrylonitrile

Concen: 117.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

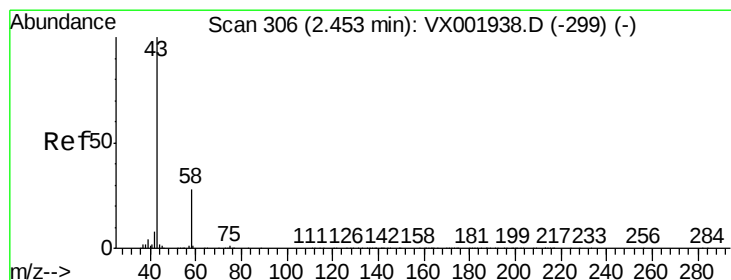
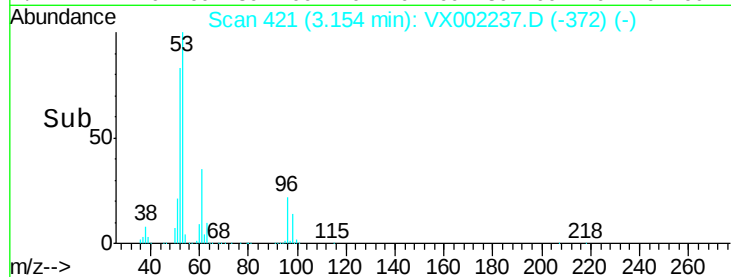
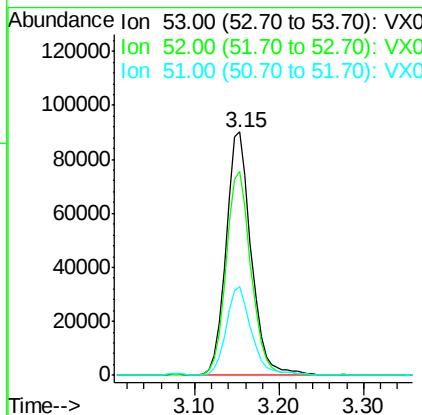
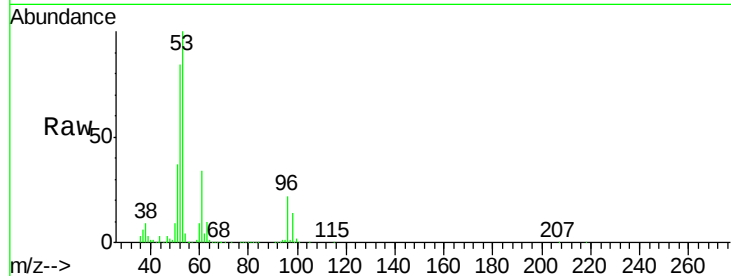
ClientSampleId :

VX0602WBS01

Tot Ion:	53	Resp:	182217
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.4	99.6
51	36.6	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 129.04 ug/l

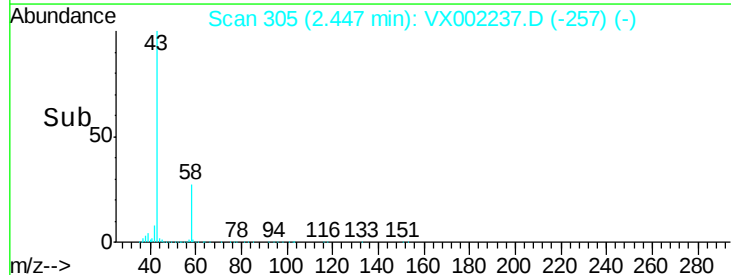
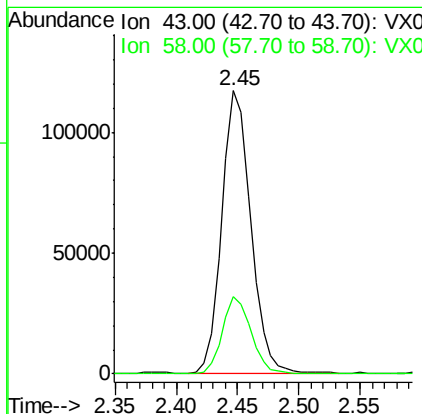
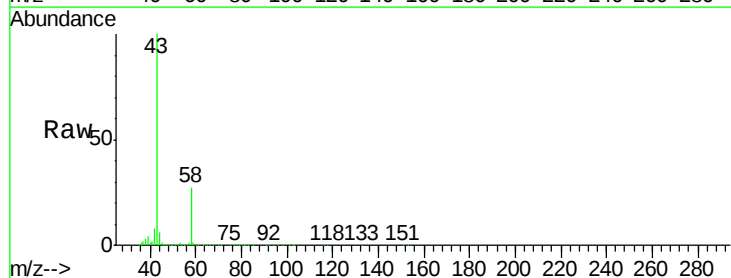
RT: 2.45 min Scan# 305

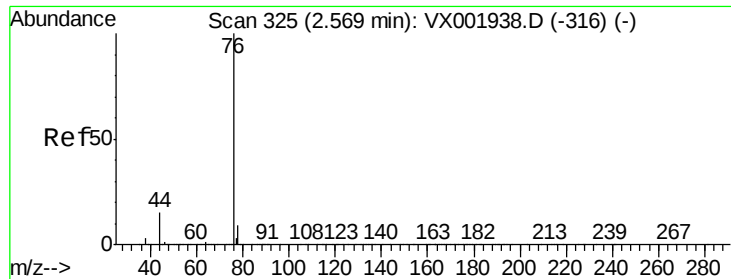
Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion:	43	Resp:	192127
Ion Ratio		Lower	Upper
43	100		
58	27.1	22.3	33.5





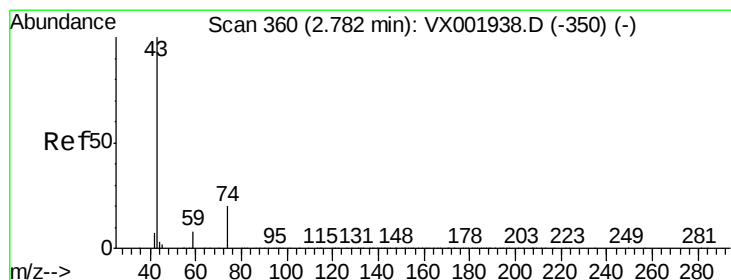
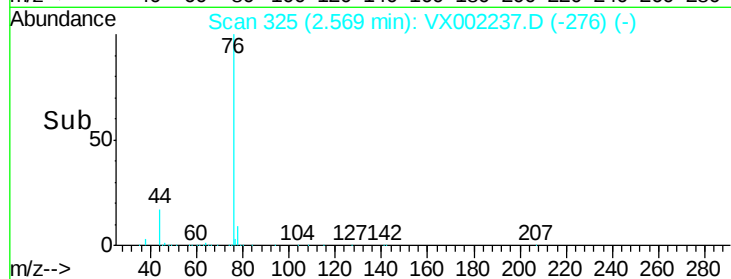
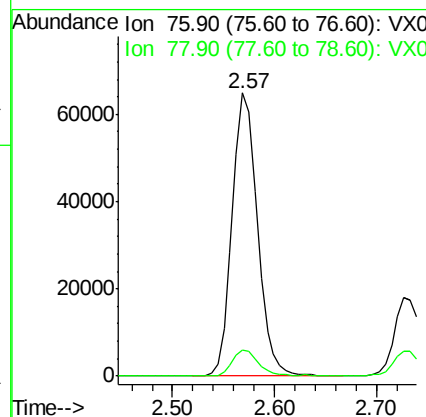
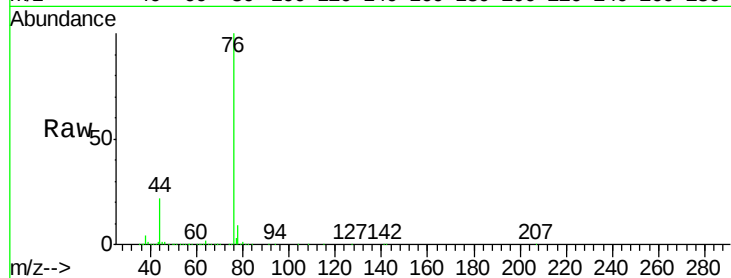
#17
Carbon Disulfide
Concen: 15.43 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

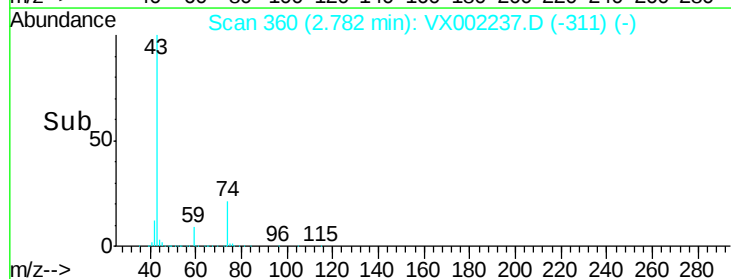
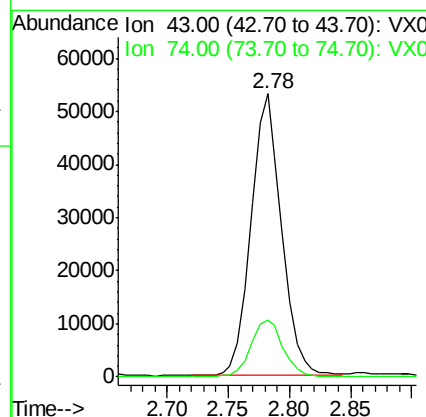
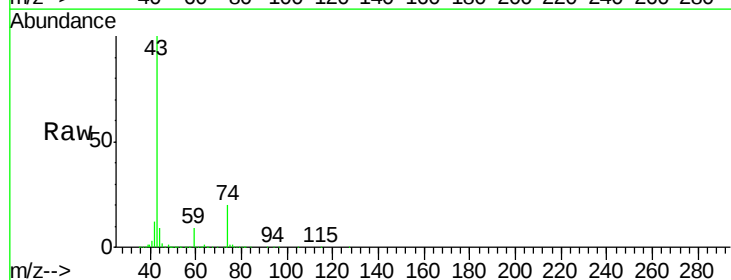
Manual Integrations
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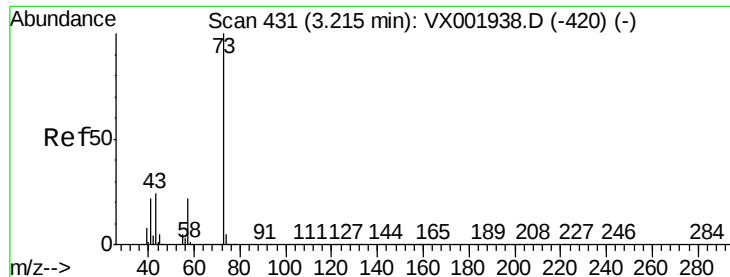
MMDadoda
6/4/2018 2:31:50 PM



#18
Methyl Acetate
Concen: 25.06 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	16.8	25.2





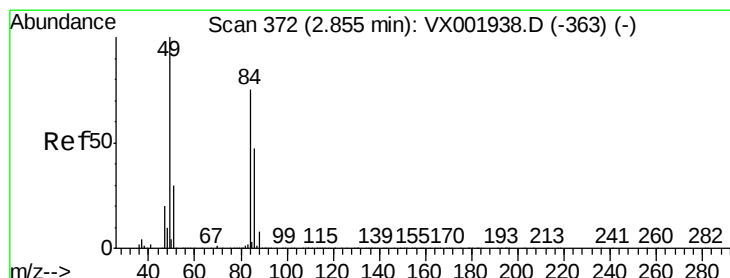
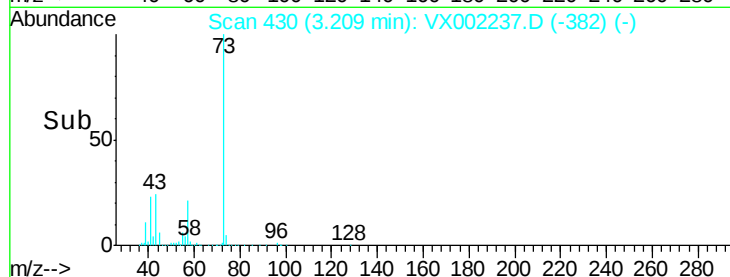
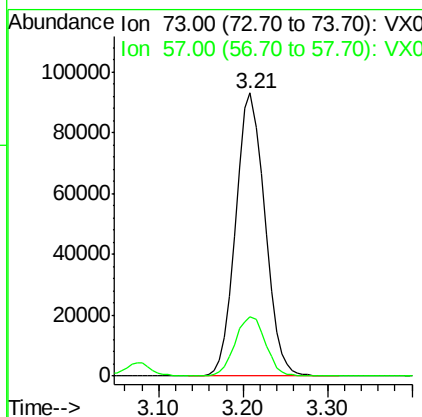
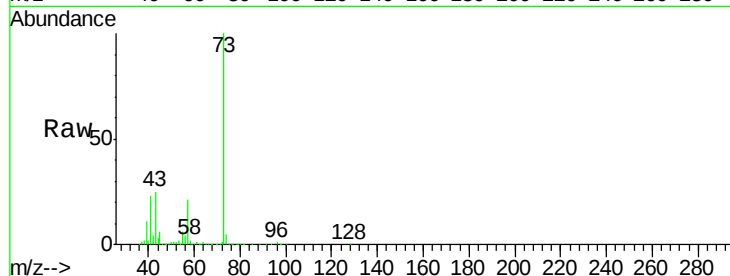
#19
Methvl tert-butvl Ether
Concen: 23.04 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	21.0	17.4	26.0

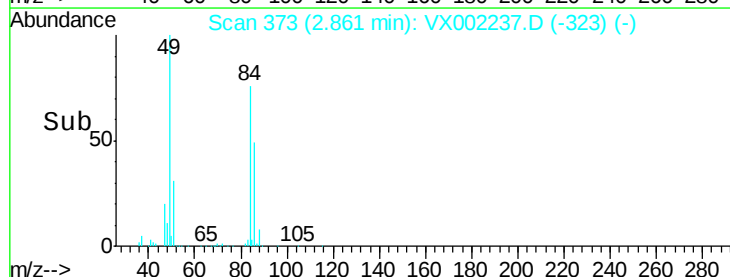
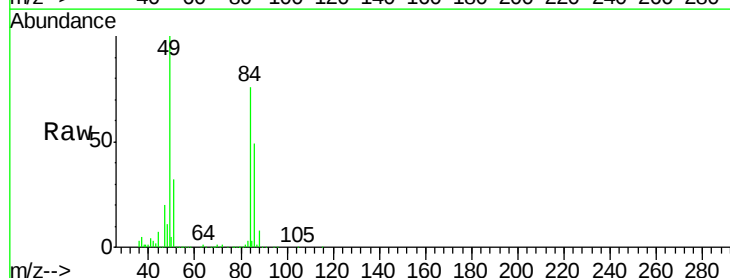
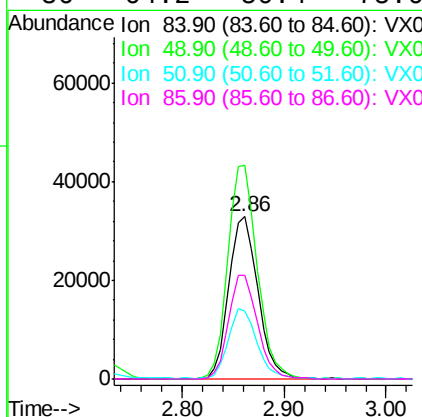
Manual Integrations
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MMDadoda
6/4/2018 2:31:50 PM



#20
Methylene Chloride
Concen: 24.55 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	131.8	107.2	160.8
51	51	41.1	32.4	48.6
86	86	64.2	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 22.77 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

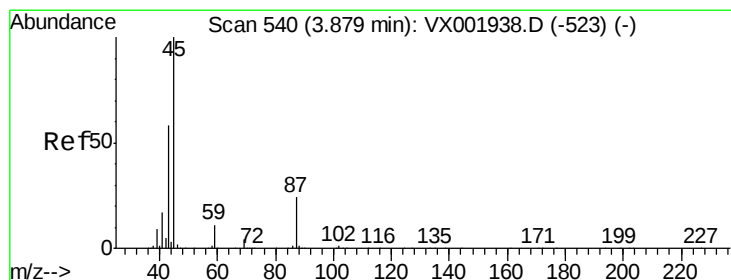
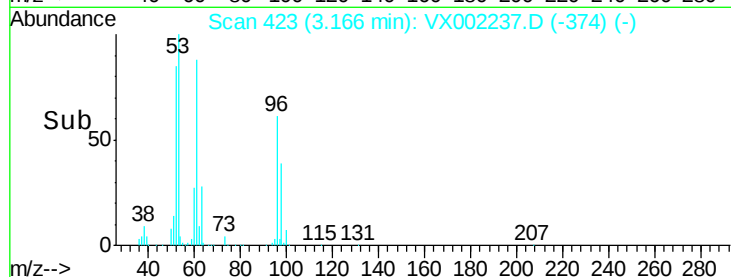
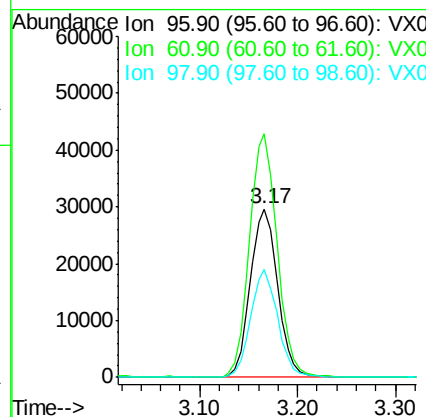
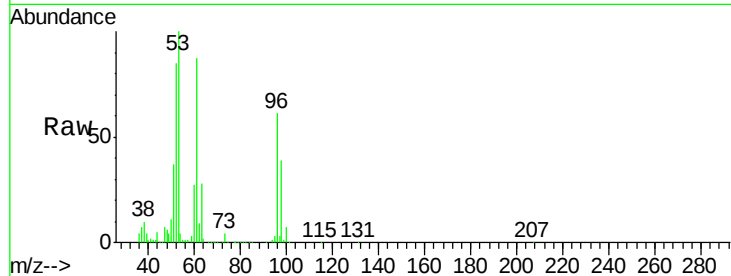
ClientSampleId :

VX0602WBS01

Tot Ion:	96	Resp:	57868
Ion	Ratio	Lower	Upper
96	100		
61	144.0	113.3	169.9
98	63.7	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.29 ug/l

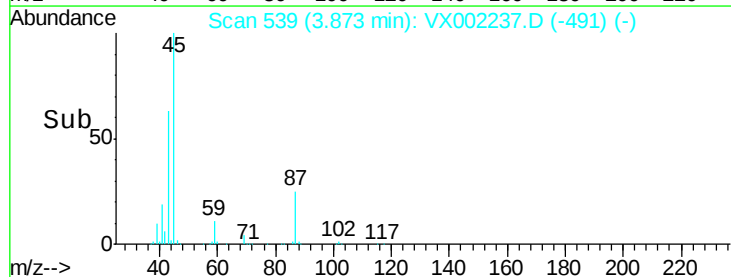
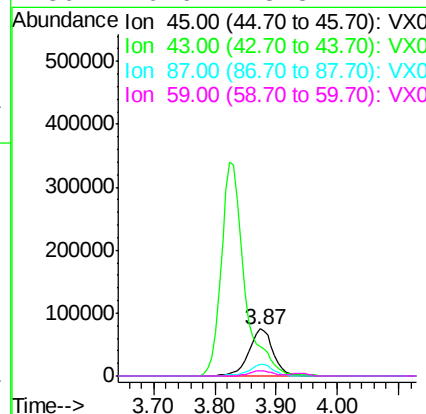
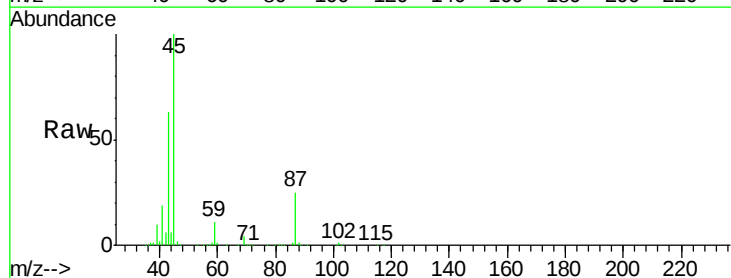
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion:	45	Resp:	207138
Ion	Ratio	Lower	Upper
45	100		
43	62.7	47.0	70.6
87	25.4	19.4	29.0
59	10.6	8.5	12.7





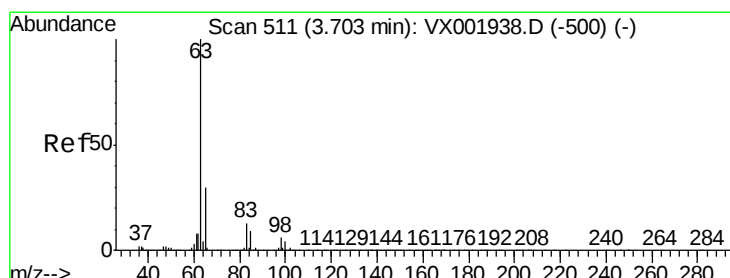
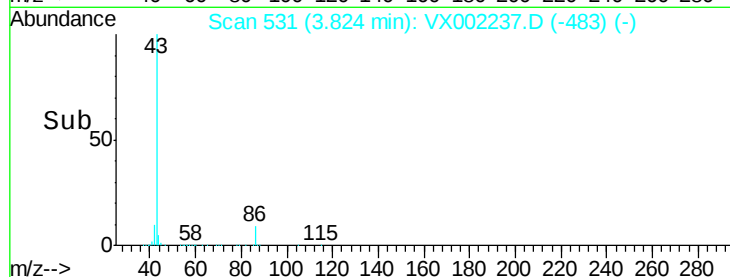
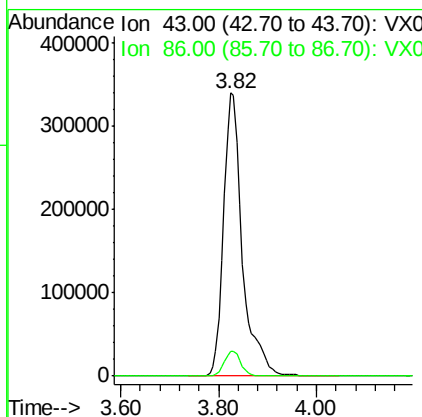
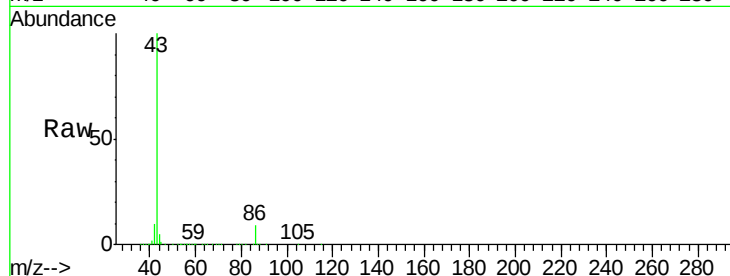
#23
 Vinyl Acetate
 Concen: 101.63 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.6	11.4

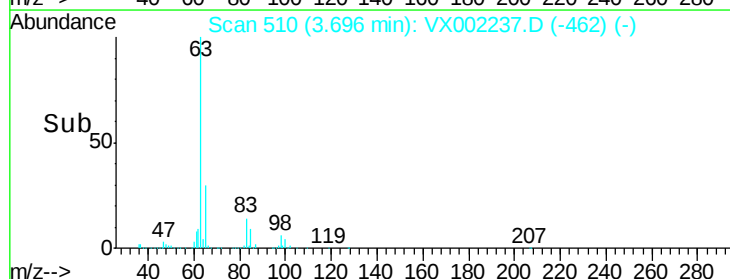
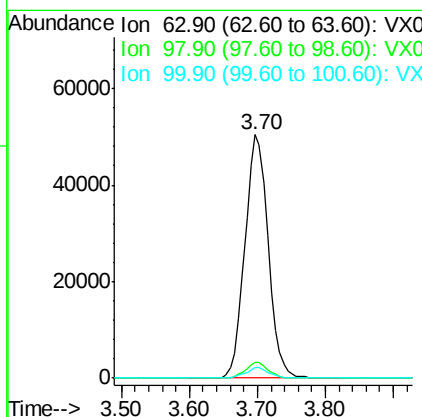
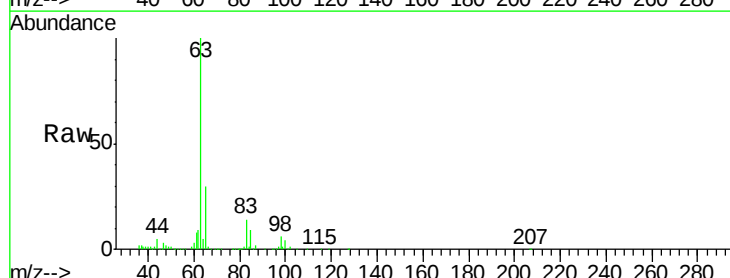
Manual Integrations
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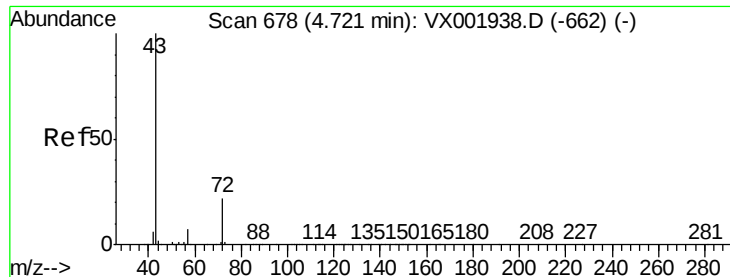
MMDadoda
 6/4/2018 2:31:50 PM



#24
 1,1-Dichloroethane
 Concen: 23.55 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.3	9.8
100	4.3	2.1	6.5





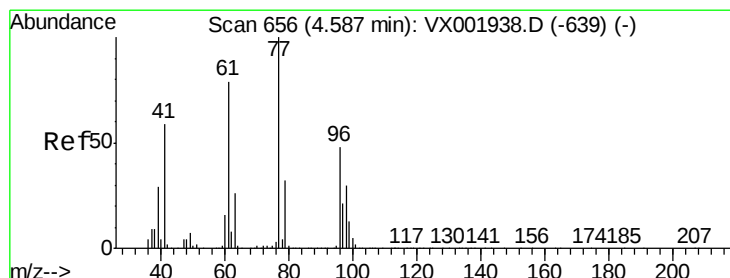
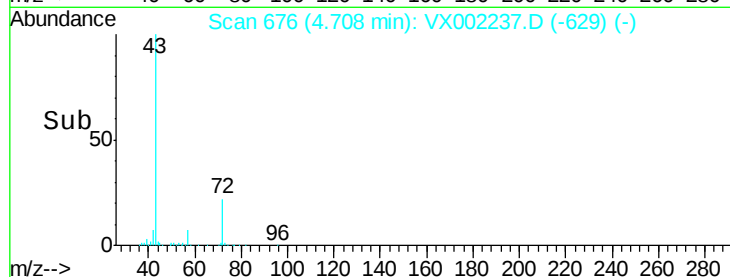
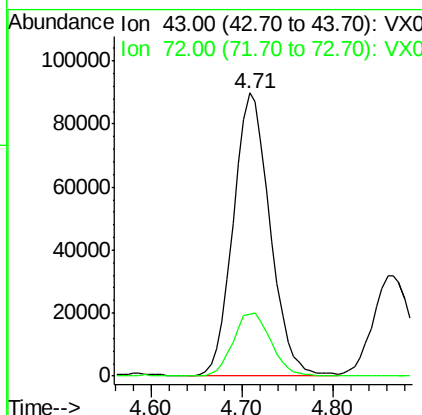
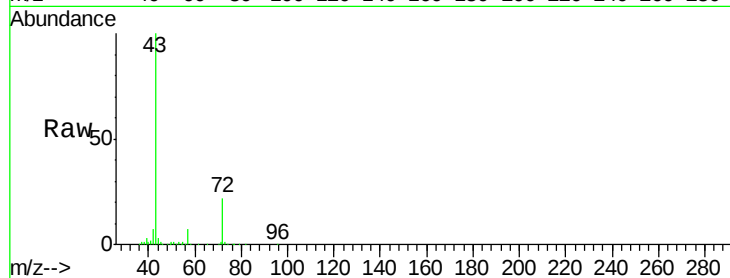
#25
2-Butanone
Concen: 92.08 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.9	26.9

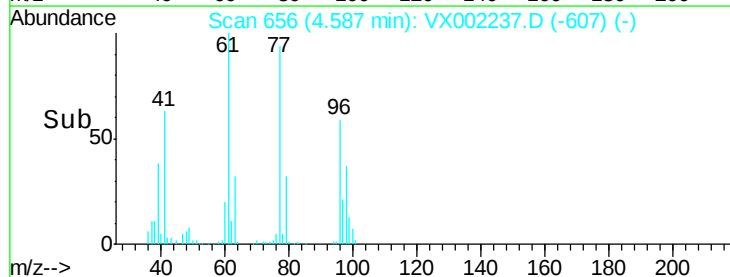
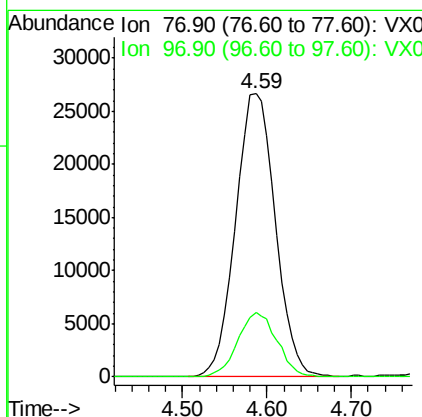
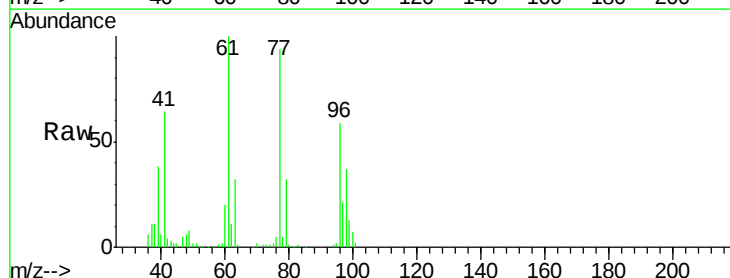
Manual Integrations
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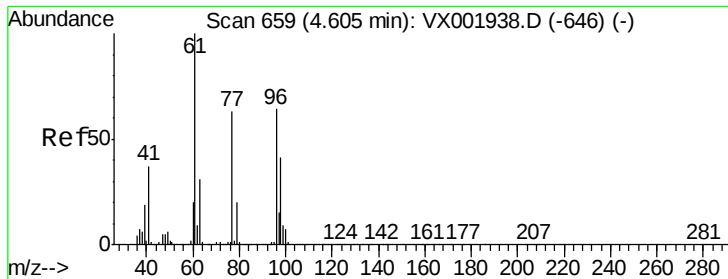
MMDadoda
6/4/2018 2:31:50 PM



#26
2,2-Dichloropropane
Concen: 16.51 ug/l
RT: 4.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.2	33.5





#27

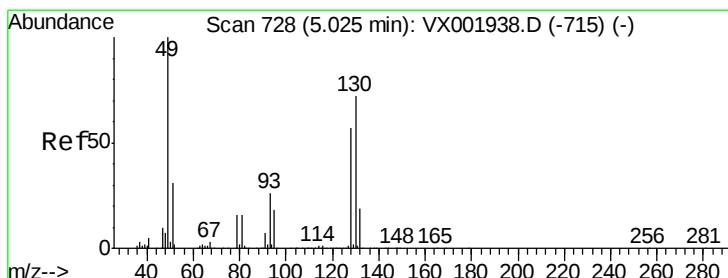
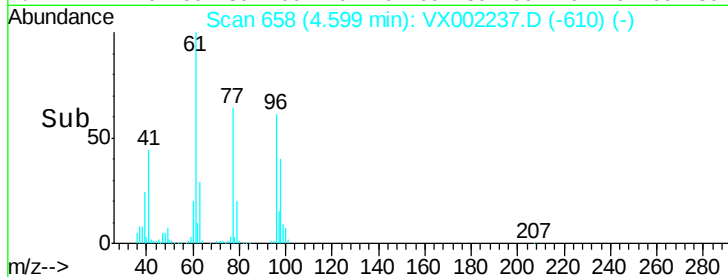
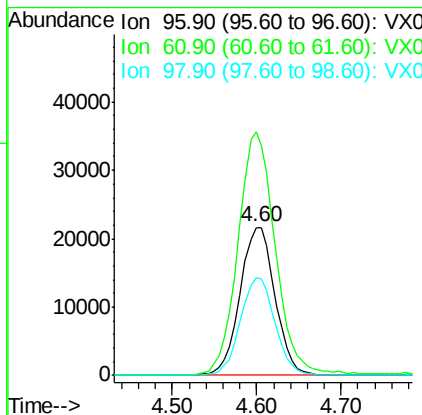
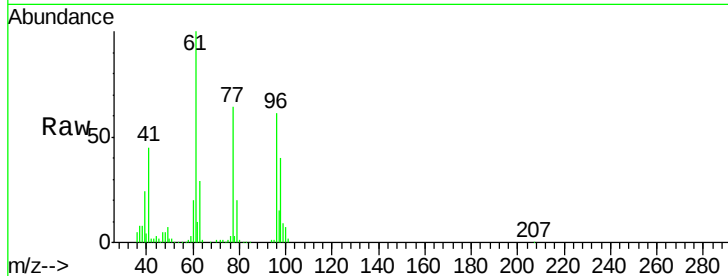
cis-1,2-Dichloroethene
Concen: 18.62 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.8	0.0	348.4
98	65.0	0.0	128.6

Manual Integrations
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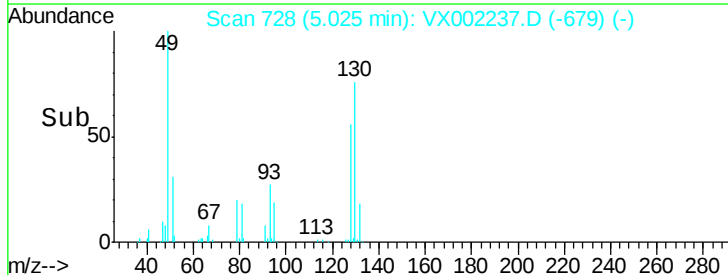
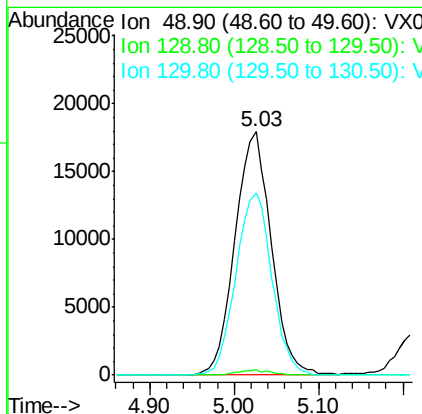
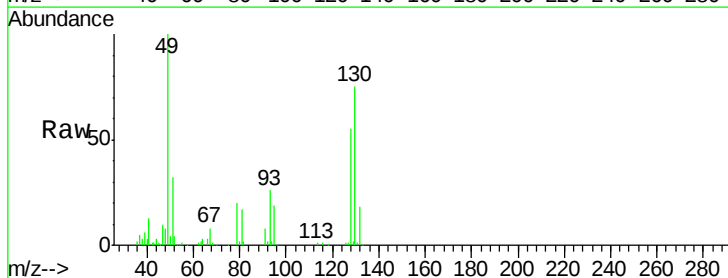
MMDadoda
6/4/2018 2:31:50 PM



#28

Bromochloromethane
Concen: 23.33 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	74.1	59.4	89.2





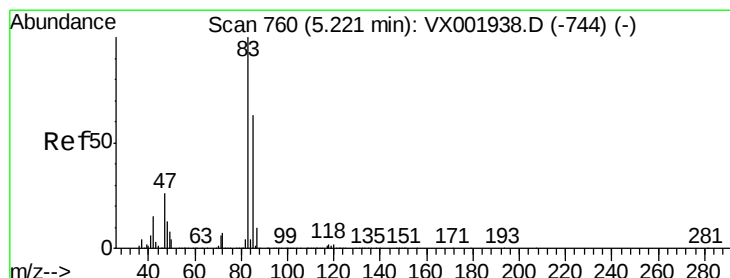
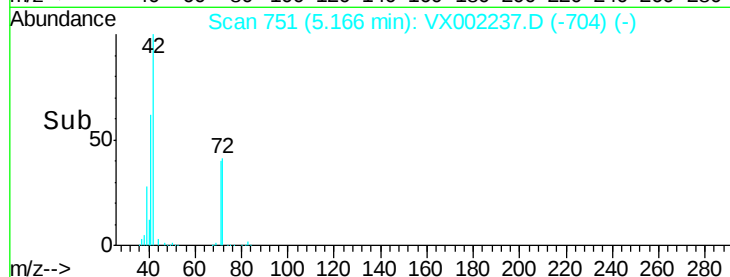
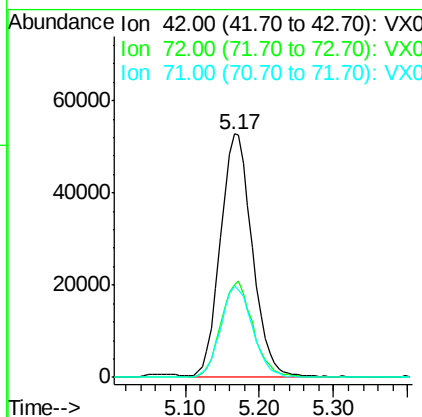
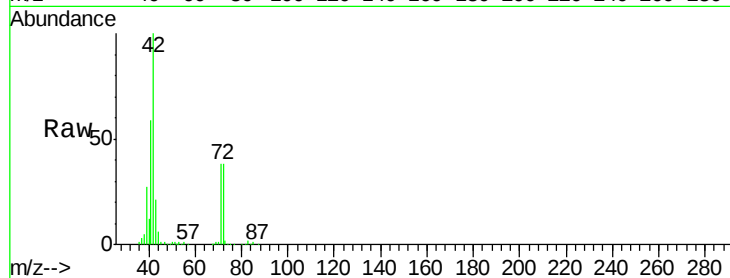
#29
Tetrahydrofuran
Concen: 88.37 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.4	47.0
71	37.7	29.5	44.3

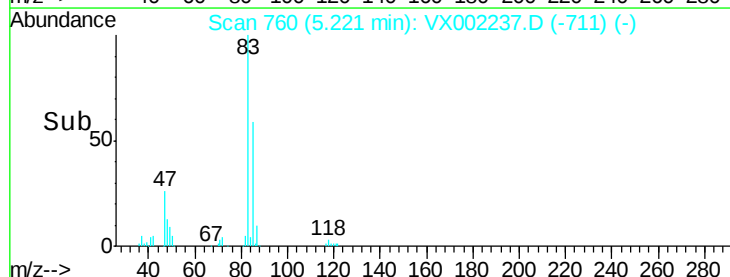
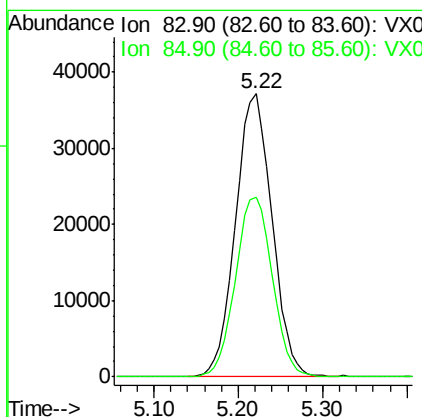
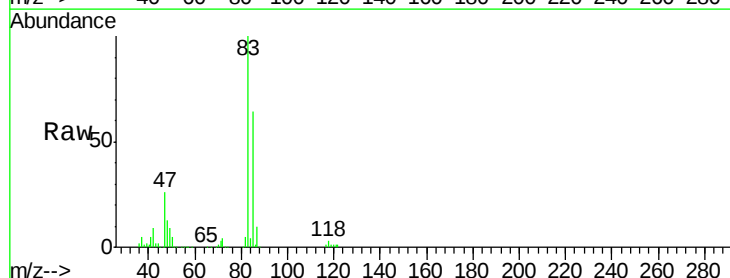
Manual Integrations
APPROVED

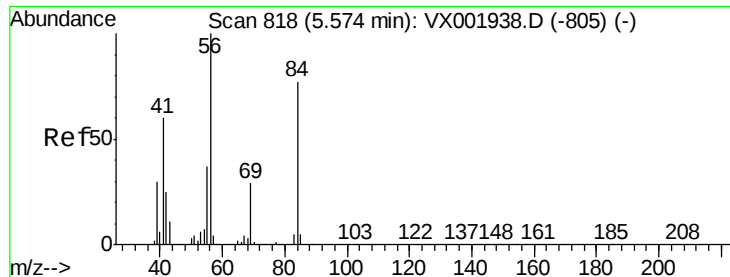
MMDadoda
6/4/2018 2:31:50 PM



#30
Chloroform
Concen: 18.98 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.9	76.3





#31

Cyclohexane

Concen: 16.63 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

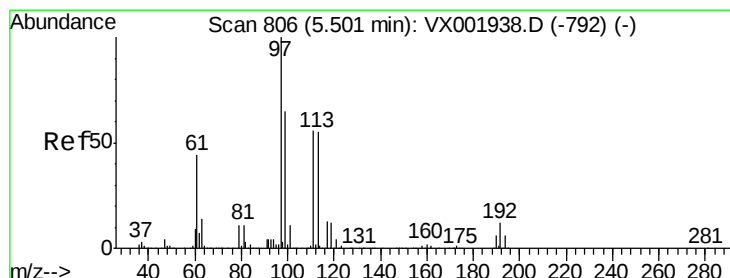
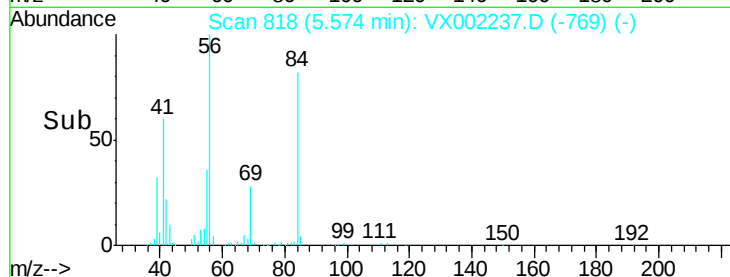
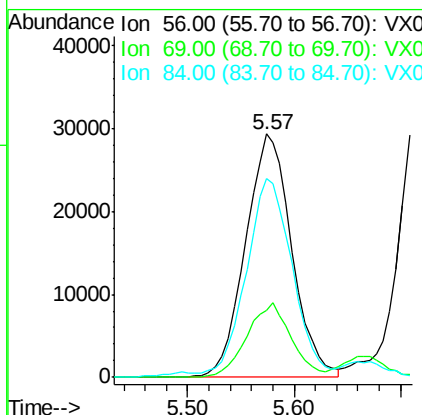
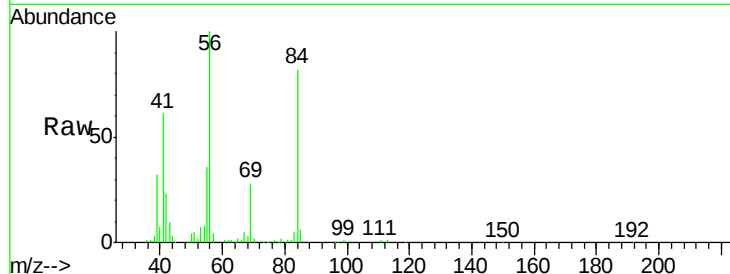
ClientSampleId :

VX0602WBS01

Tot Ion:	56	Resp:	88409
Ion	Ratio	Lower	Upper
56	100		
69	27.7	23.1	34.7
84	80.3	62.0	93.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 16.96 ug/l

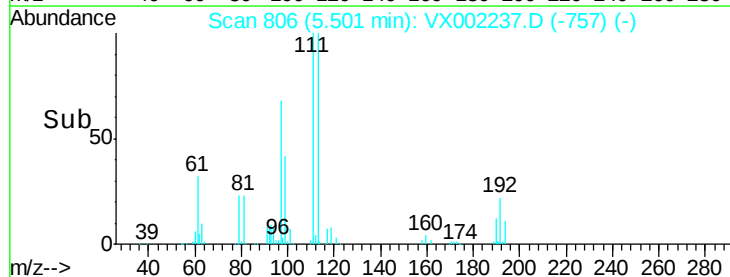
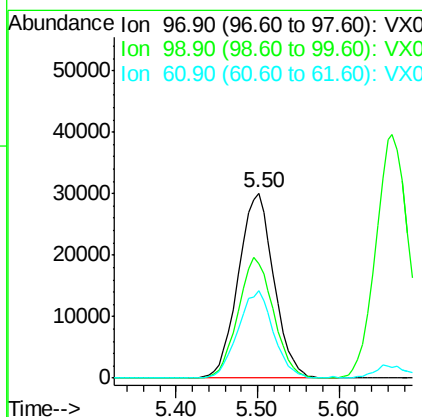
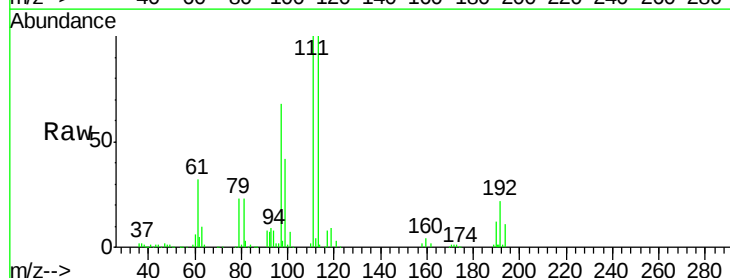
RT: 5.50 min Scan# 806

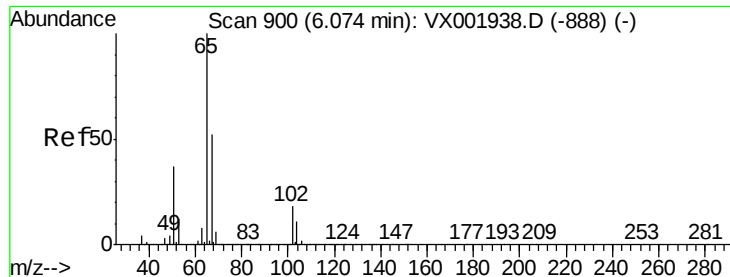
Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion:	97	Resp:	90878
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.9	77.9
61	47.2	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 45.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion: 65 Resp: 174094

Ion Ratio Lower Upper

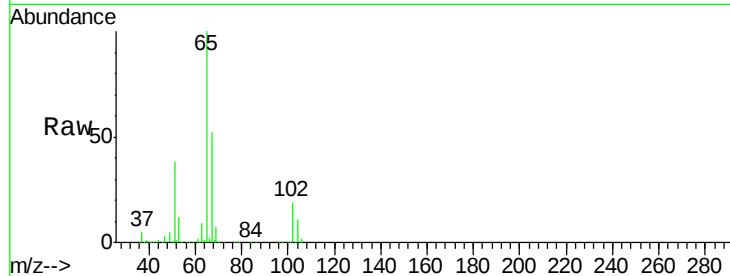
65 100

67 52.2 0.0 104.0

Manual Integrations
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

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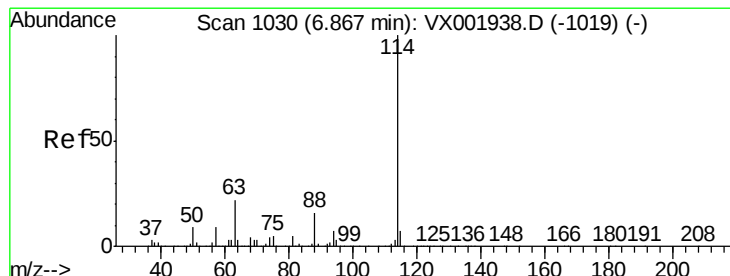
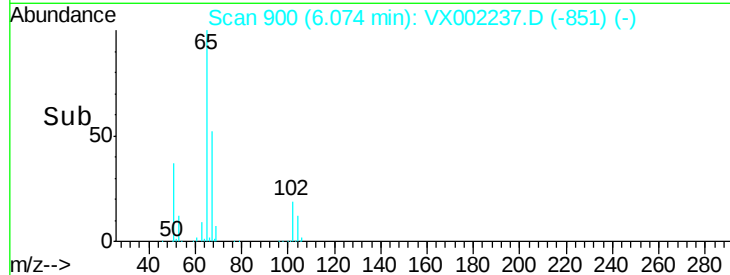
6.07

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6.07



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

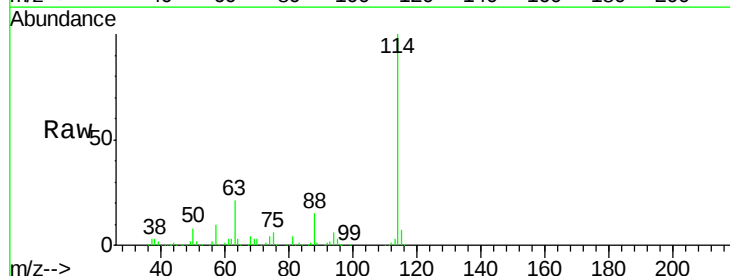
Tgt Ion: 114 Resp: 298682

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 15.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

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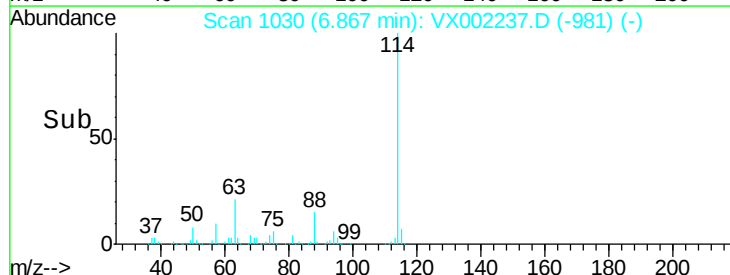
6.87

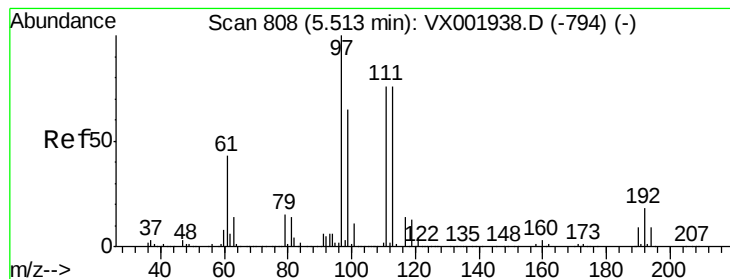
6.87

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6.87

6.87





#35

Dibromofluoromethane

Concen: 43.65 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

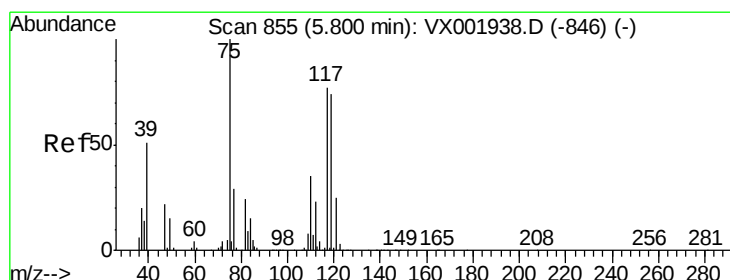
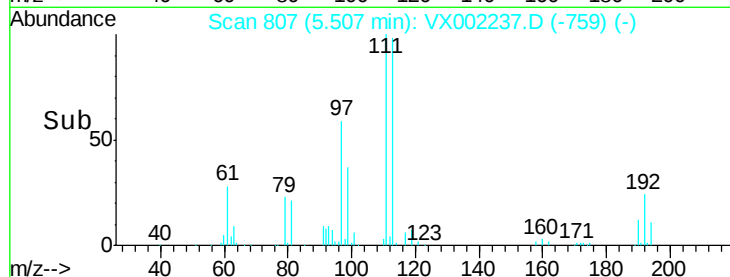
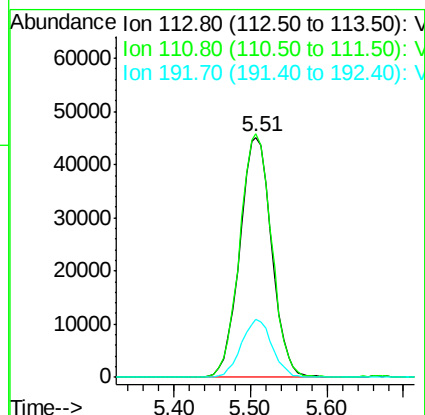
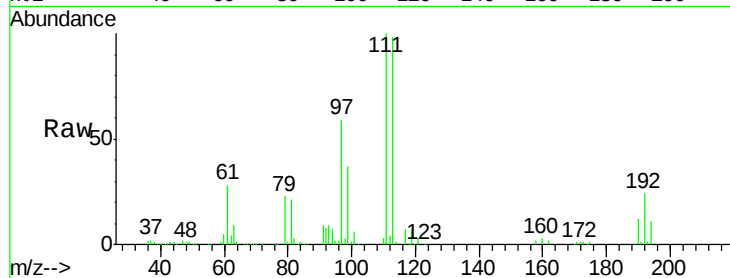
ClientSampleId :

VX0602WBS01

Tot Ion:	113	Resp:	130366
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.0	123.0
192	23.3	18.9	28.3

Manual Integrations
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6/4/2018 2:31:50 PM



#36

1,1-Dichloropropene

Concen: 18.37 ug/l

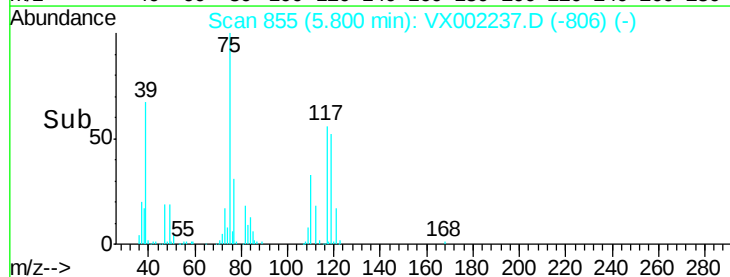
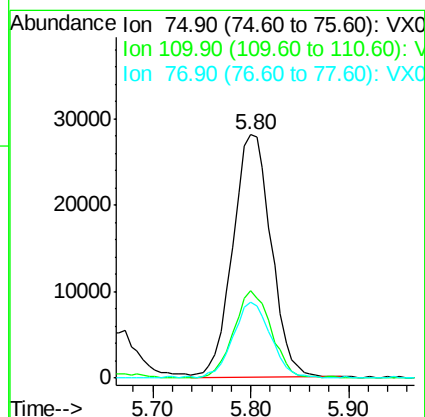
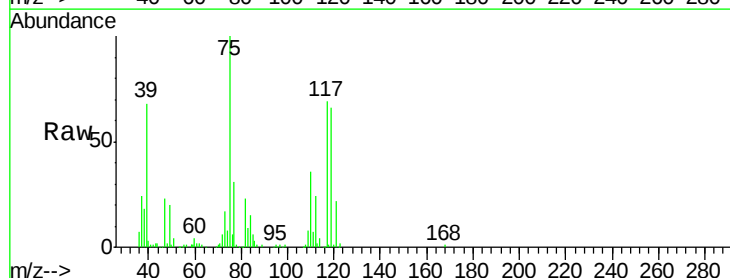
RT: 5.80 min Scan# 855

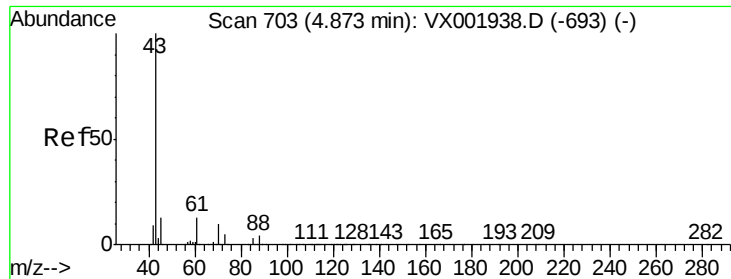
Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion:	75	Resp:	76300
Ion Ratio	Lower	Upper	
75	100		
110	35.4	17.4	52.2
77	30.2	24.4	36.6





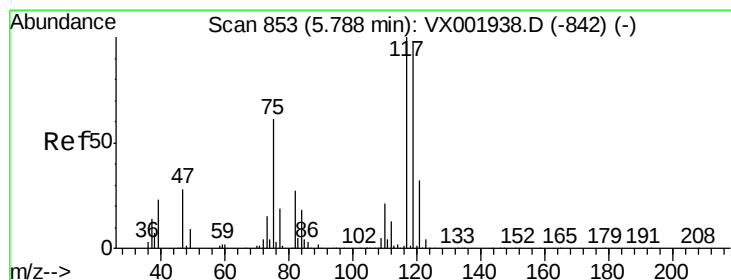
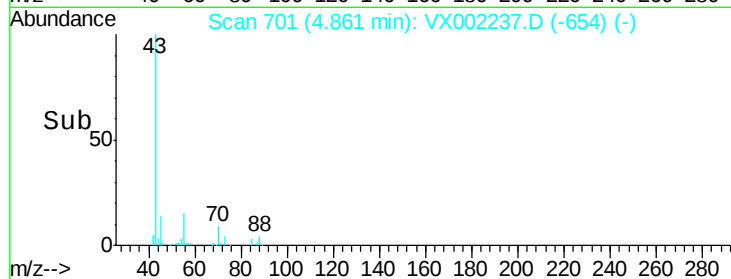
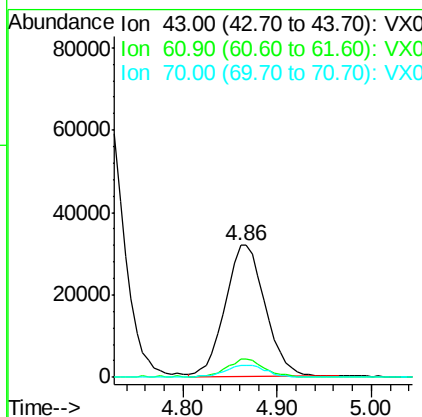
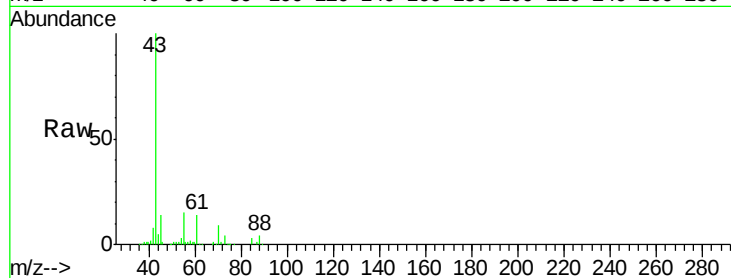
#37
Ethyl Acetate
Concen: 17.36 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.2
70	9.7	7.8	11.8

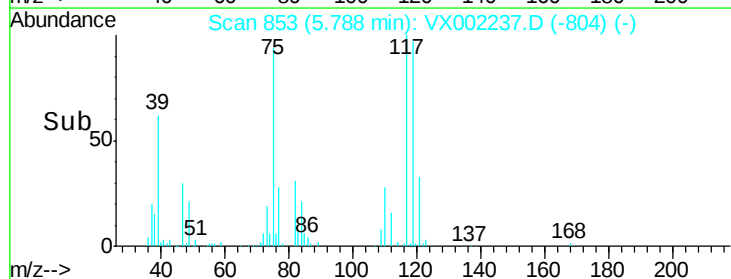
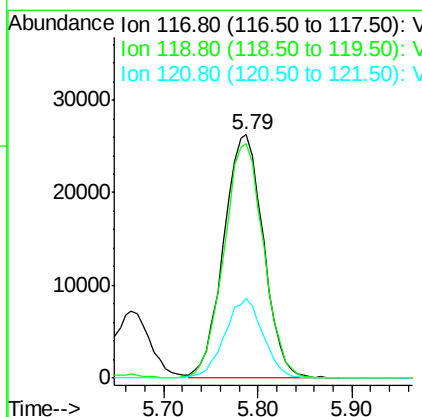
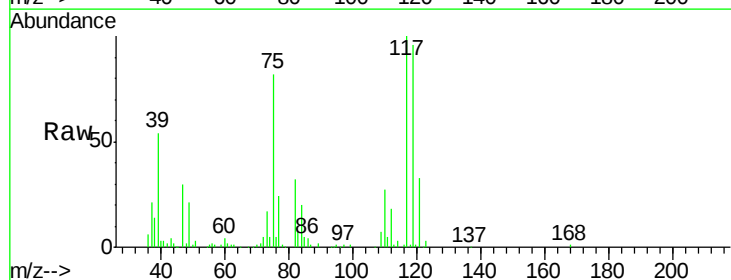
Manual Integrations
APPROVED

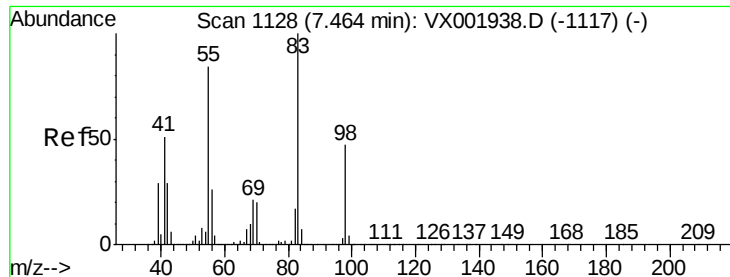
MMDadoda
6/4/2018 2:31:50 PM



#38
Carbon Tetrachloride
Concen: 15.93 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.5	117.7
121	32.7	25.5	38.3





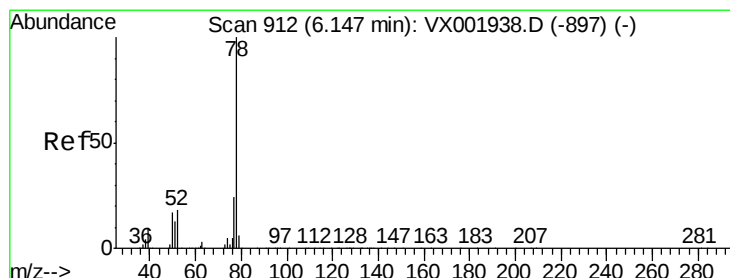
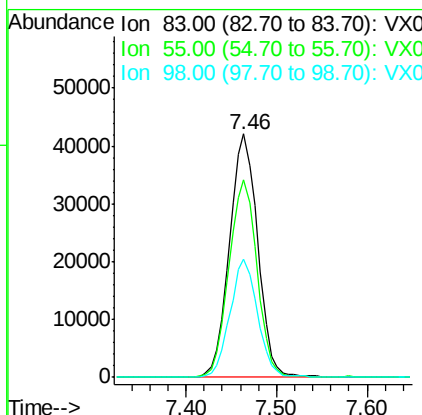
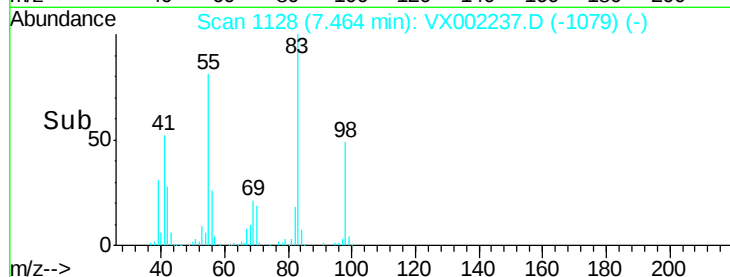
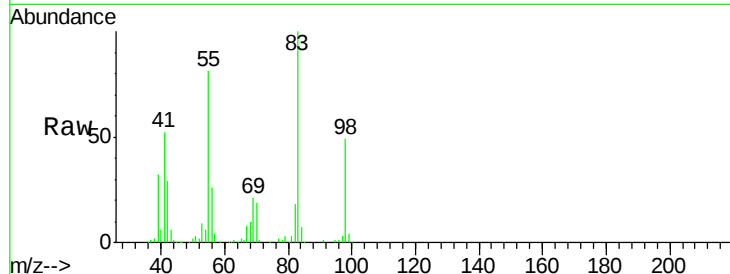
#39
Methvlcvclohexane
Concen: 17.87 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.3	67.3	100.9
98	48.7	37.5	56.3

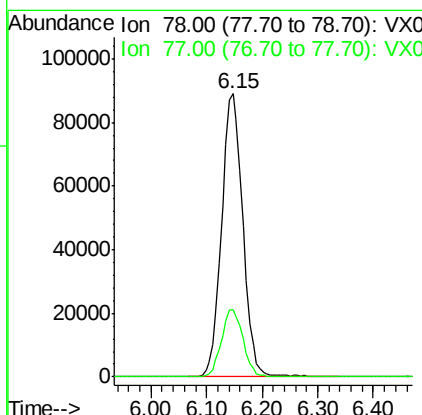
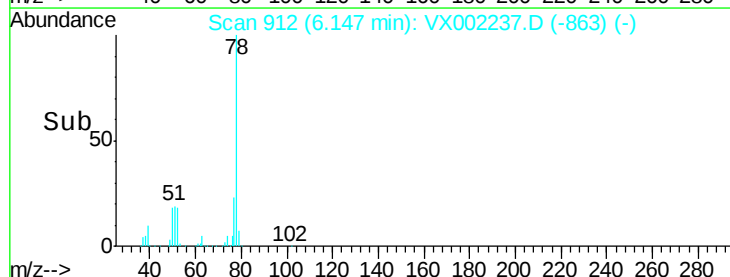
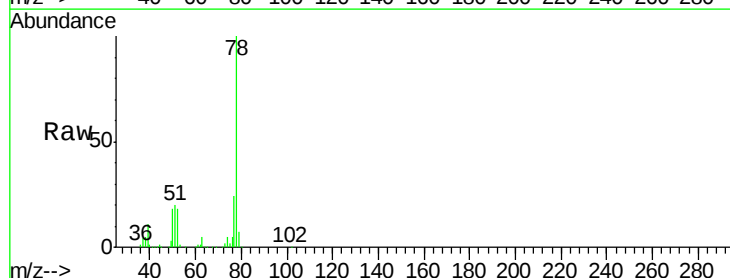
Manual Integrations
APPROVED

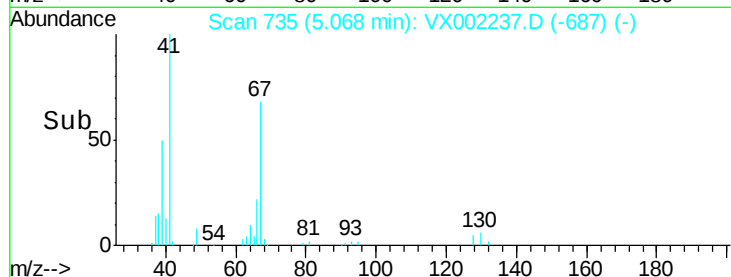
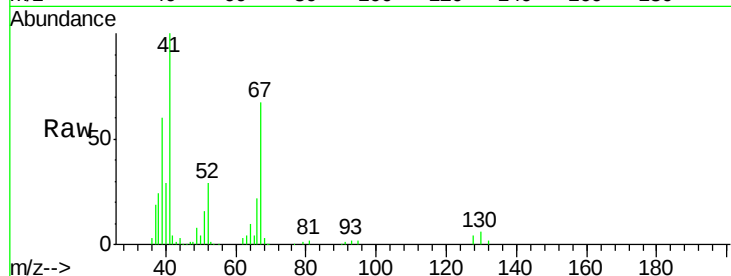
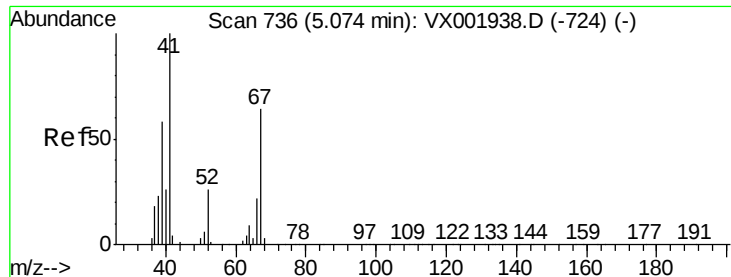
MMDadoda
6/4/2018 2:31:50 PM



#40
Benzene
Concen: 19.34 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

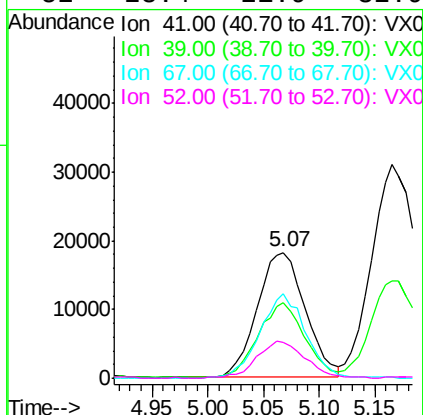
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





#41
Methacrylonitrile
Concen: 18.31 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

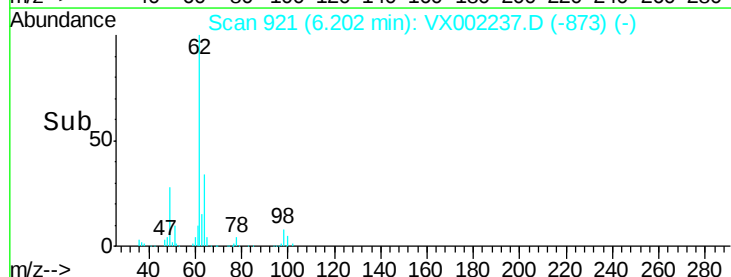
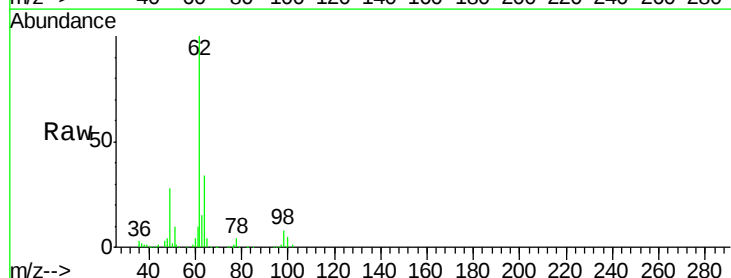
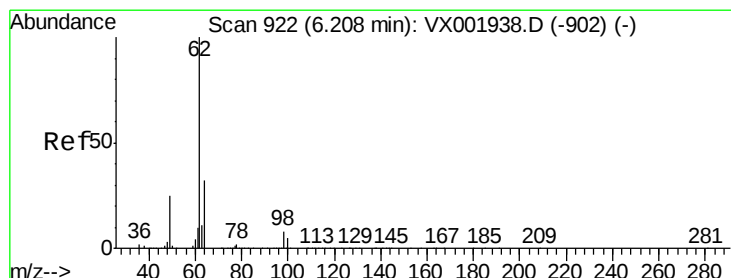
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	57.8	46.0	69.0	
67	67	64.9	50.6	75.8	
52	52	28.4	21.9	32.9	



Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

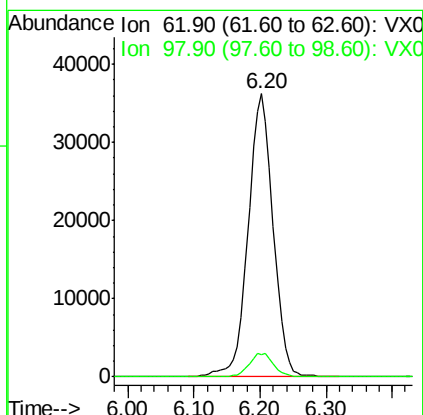
Manual Integrations
APPROVED

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#42
1,2-Dichloroethane
Concen: 19.64 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100			
98	98	8.2	0.0	17.0	





#43

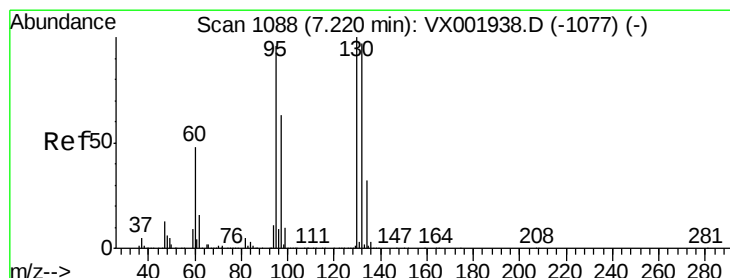
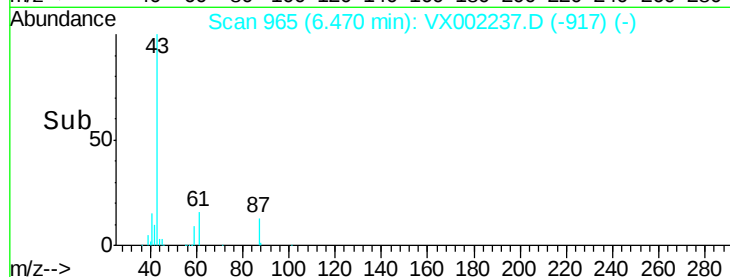
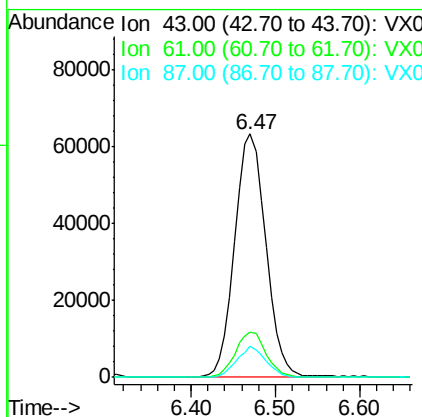
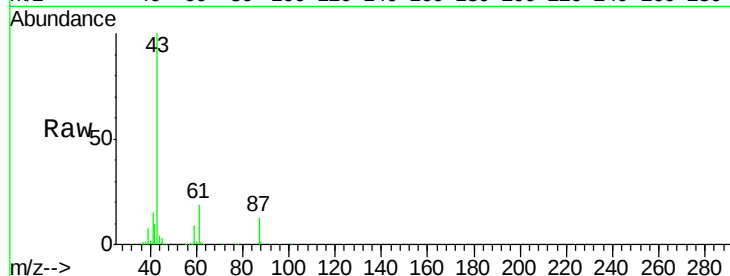
Isopropyl Acetate
 Concen: 17.45 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.5	21.7
87	11.9	9.5	14.3

Manual Integrations
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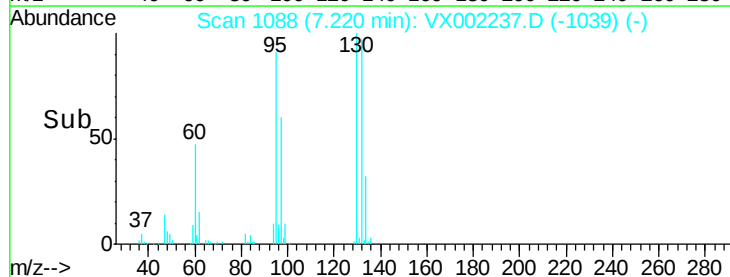
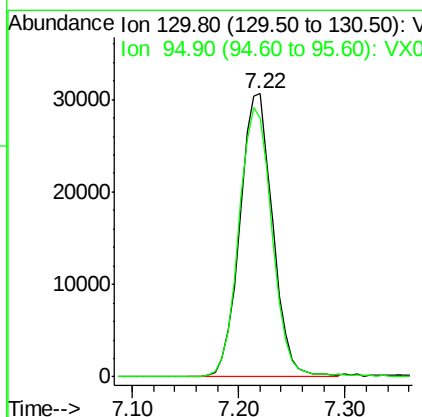
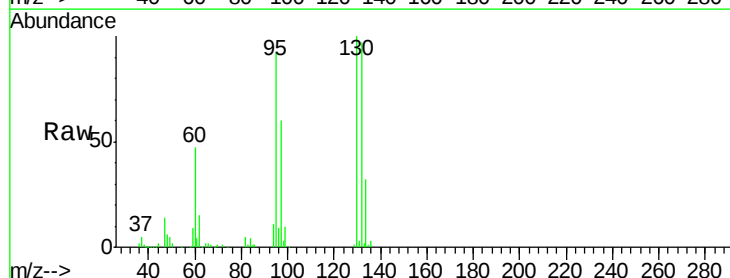
MMDadoda
 6/4/2018 2:31:50 PM



#44

Trichloroethene
 Concen: 18.71 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.37 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion: 63 Resp: 64037

Ion Ratio Lower Upper

63 100

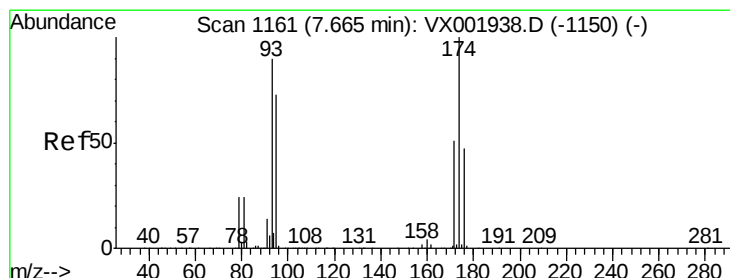
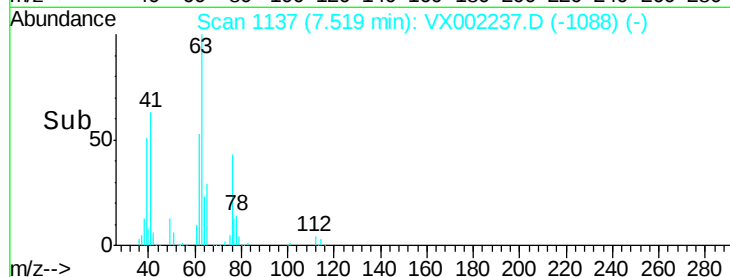
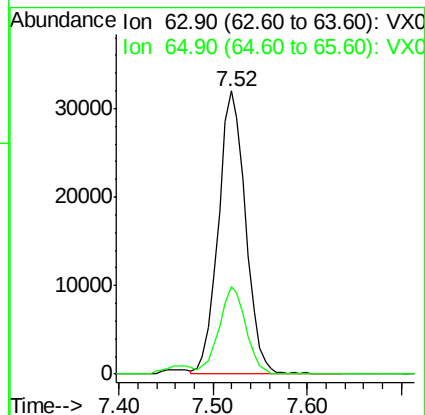
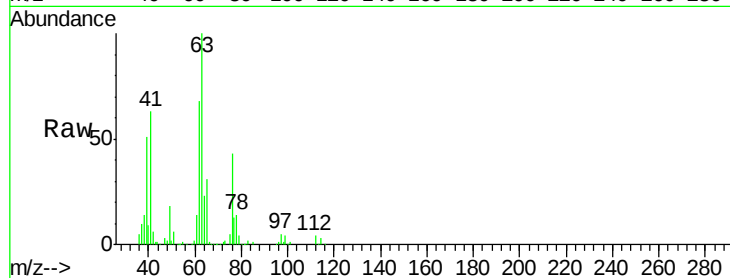
65 30.7 24.1 36.1

Manual Integrations

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6/4/2018 2:31:50 PM



#46

Dibromomethane

Concen: 19.30 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

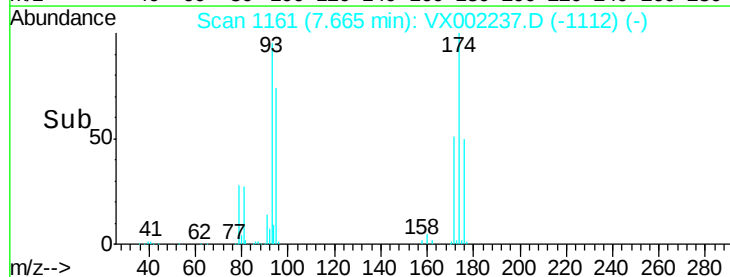
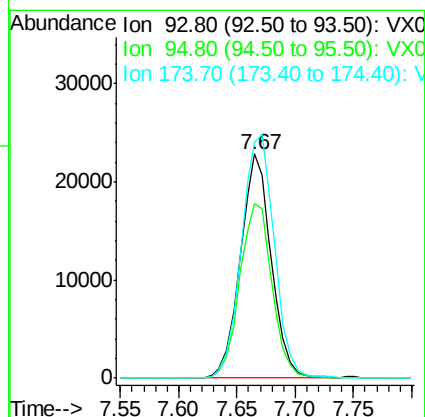
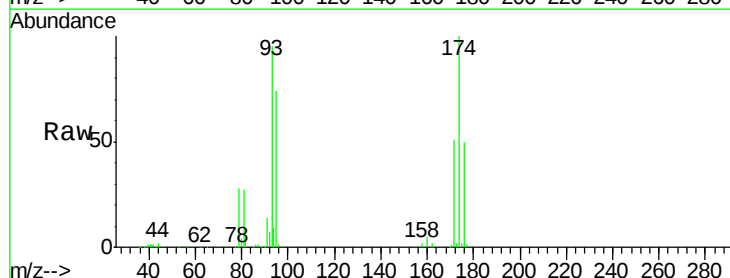
Tgt Ion: 93 Resp: 42244

Ion Ratio Lower Upper

93 100

95 81.6 66.1 99.1

174 115.2 92.5 138.7





#47

Bromodichloromethane

Concen: 16.23 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

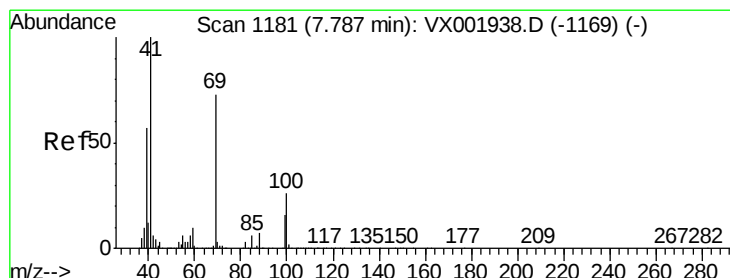
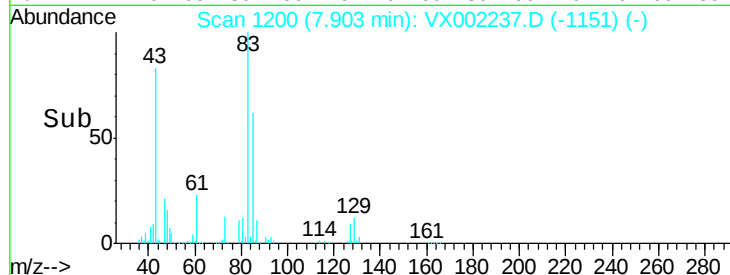
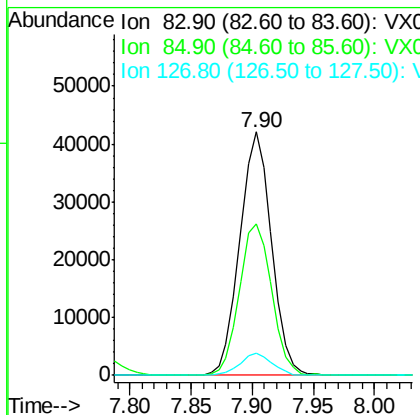
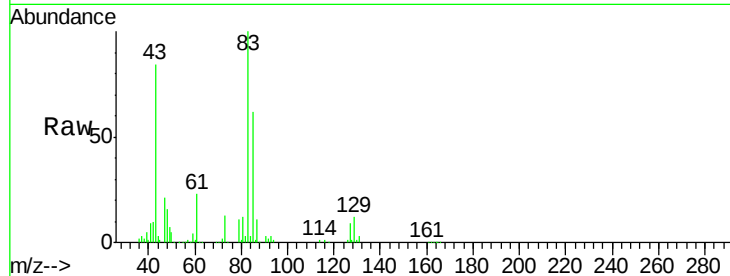
ClientSampleId :

VX0602WBS01

Tot Ion:	83	Resp:	75753
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.4	77.2
127	9.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.44 ug/l

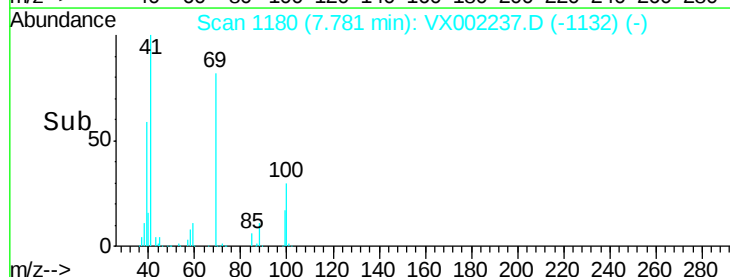
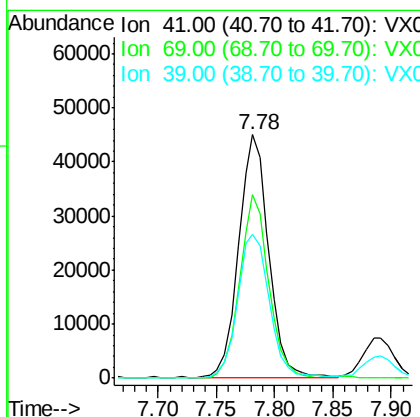
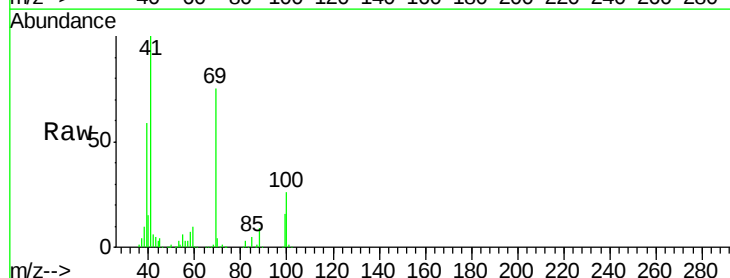
RT: 7.78 min Scan# 1180

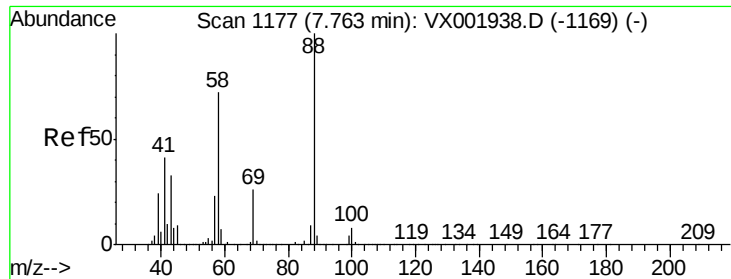
Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion:	41	Resp:	80095
Ion	Ratio	Lower	Upper
41	100		
69	74.8	58.6	87.8
39	62.5	46.3	69.5





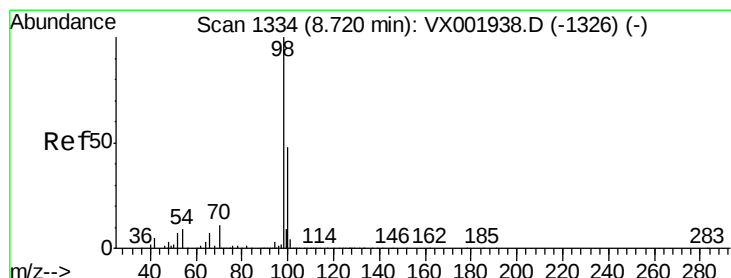
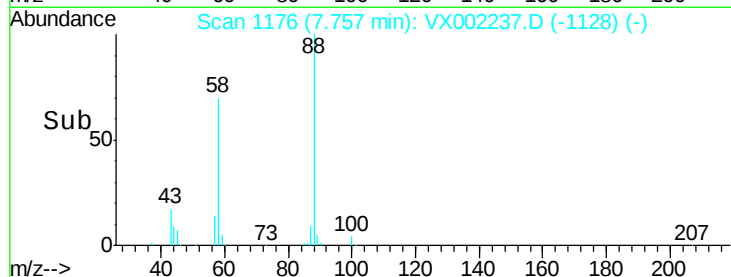
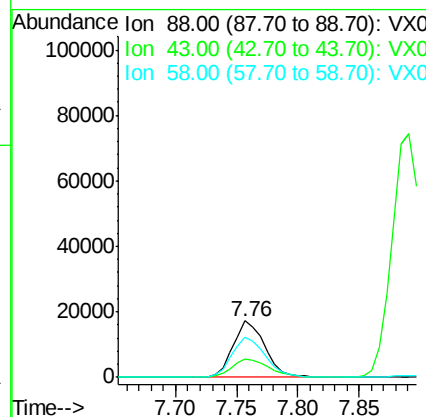
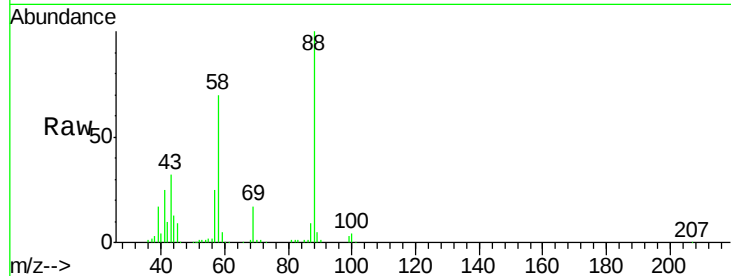
#49
1,4-Dioxane
Concen: 387.24 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.8	44.8
58	75.0	58.7	88.1

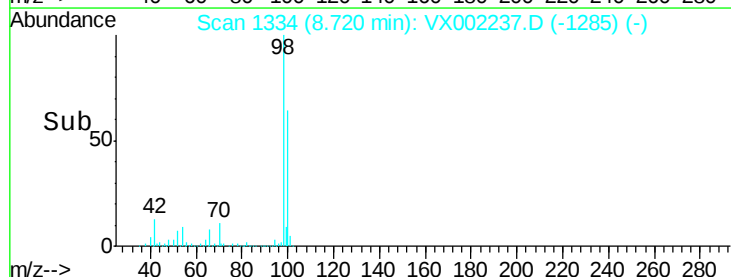
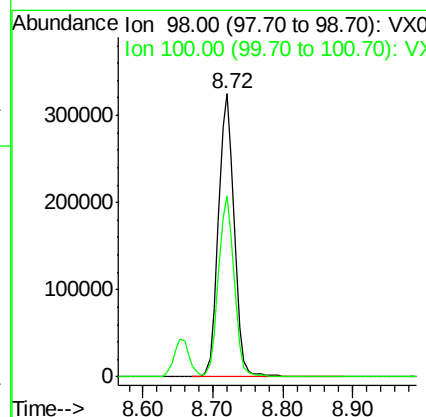
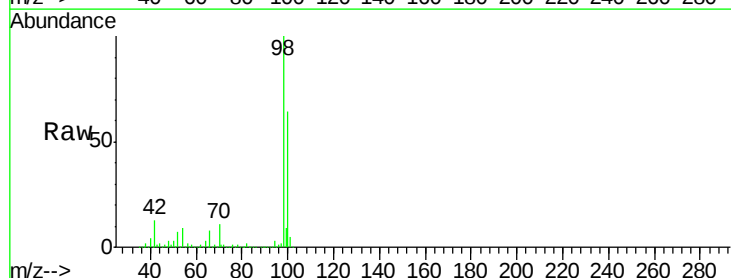
Manual Integrations
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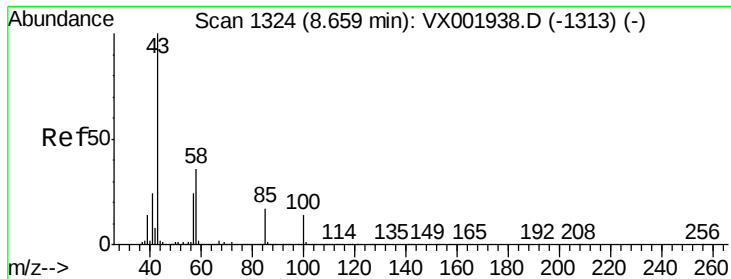
MMDadoda
6/4/2018 2:31:50 PM



#50
Toluene-d8
Concen: 46.96 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 95.22 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion: 43 Resp: 518035

Ion Ratio Lower Upper

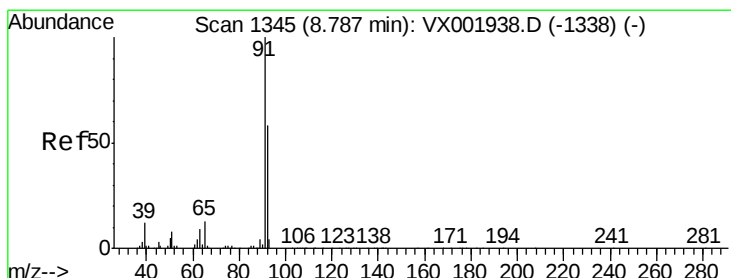
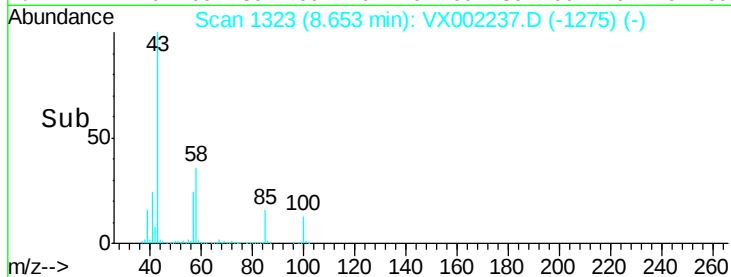
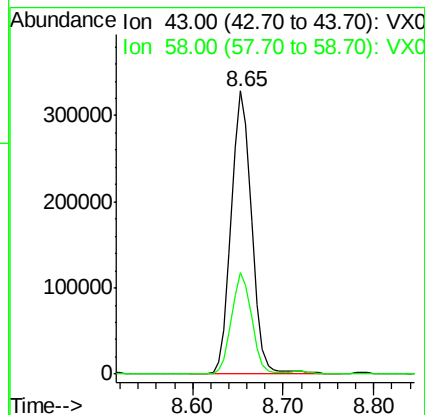
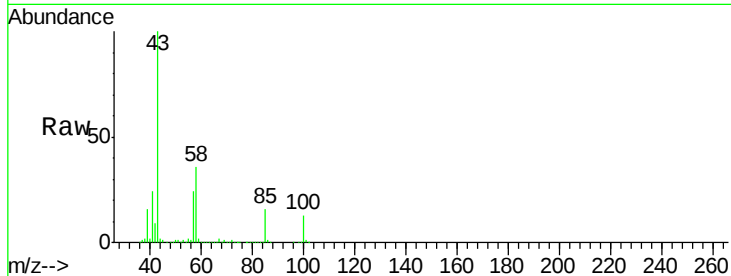
43 100

58 35.0 28.5 42.7

Manual Integrations
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6/4/2018 2:31:50 PM



#52

Toluene

Concen: 19.68 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002237.D

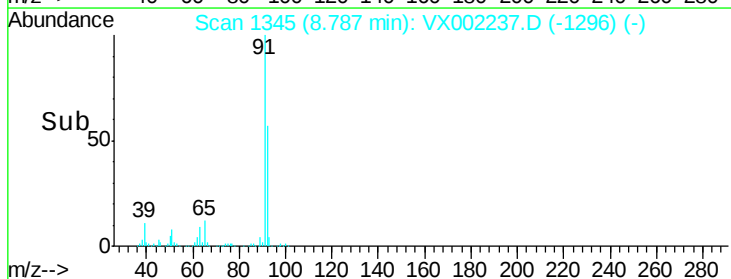
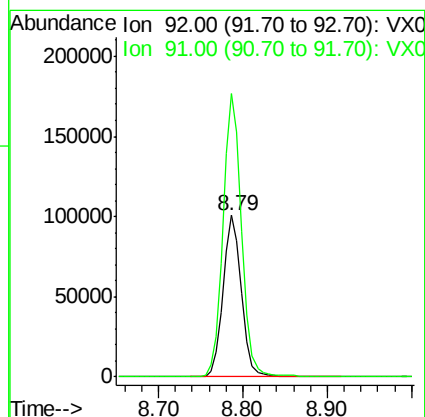
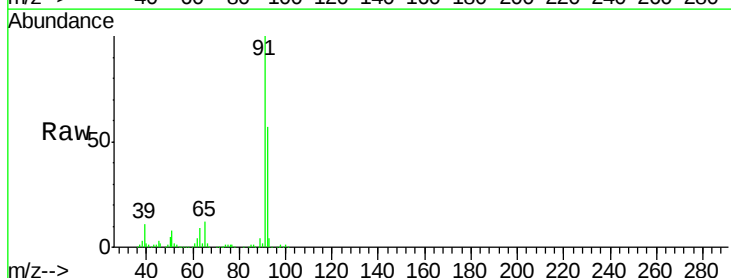
Acq: 02 Jun 2018 14:09

Tgt Ion: 92 Resp: 152472

Ion Ratio Lower Upper

92 100

91 176.5 139.4 209.2





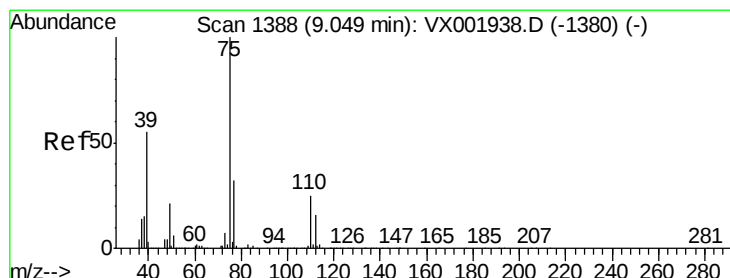
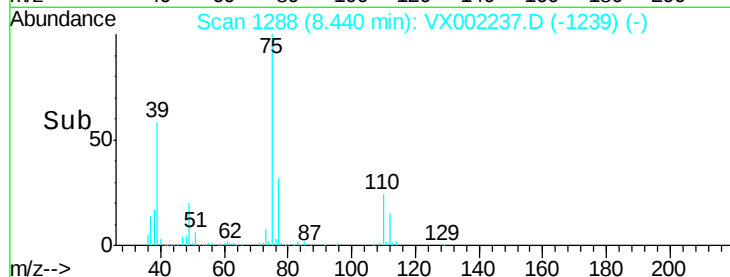
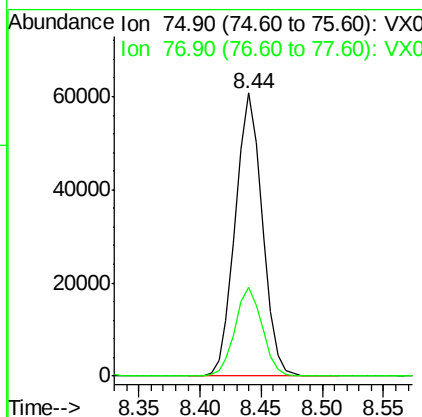
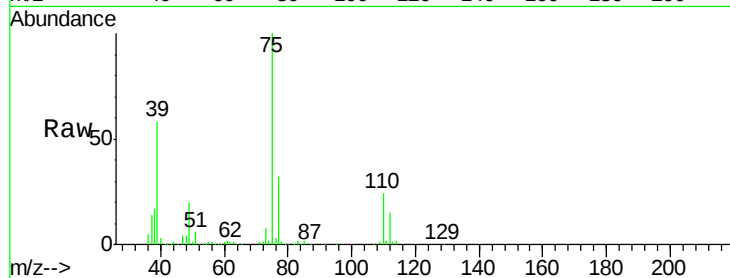
#53
t-1,3-Dichloropropene
Concen: 17.32 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.5	38.3

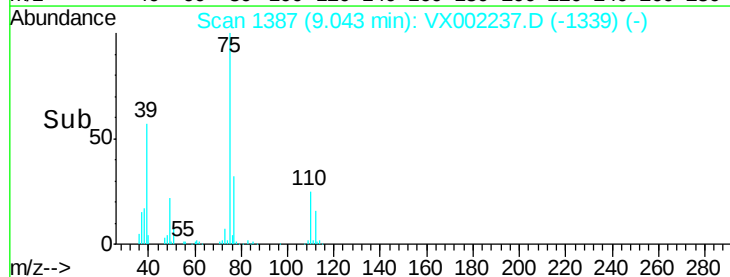
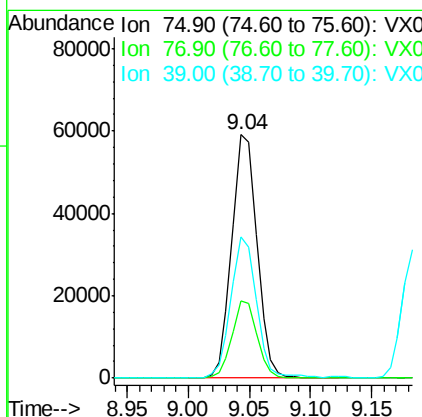
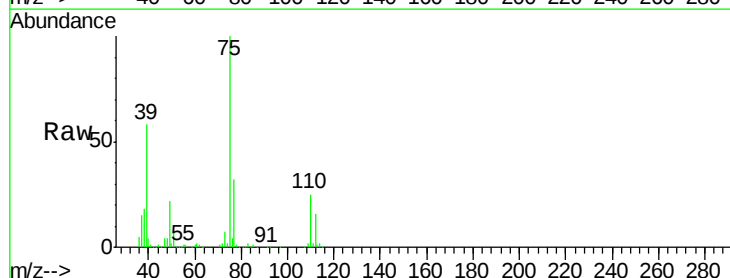
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 16.14 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.0
39	57.5	44.1	66.1





#55

1,1,2-Trichloroethane

Concen: 19.84 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

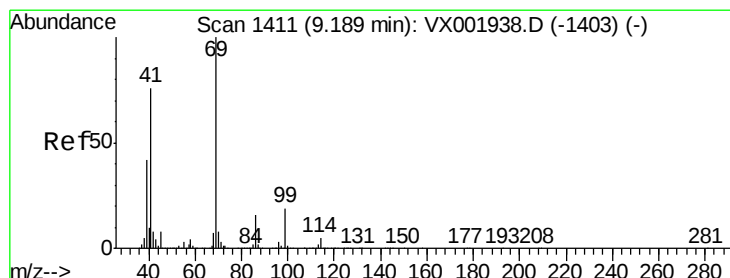
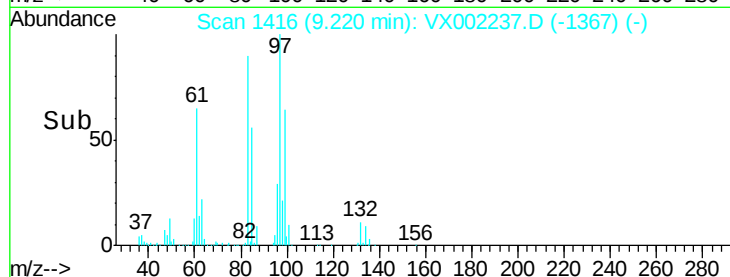
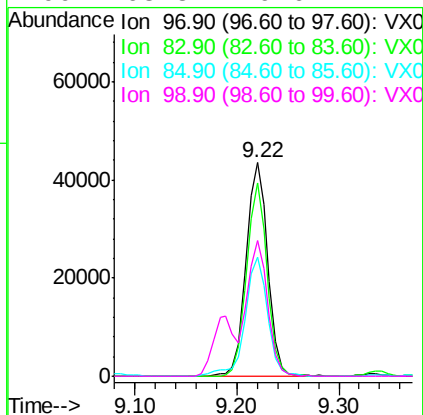
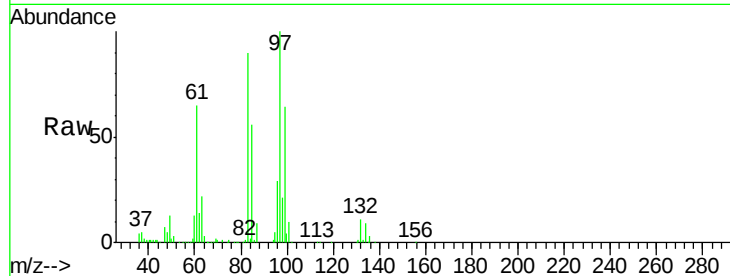
ClientSampleId :

VX0602WBS01

Tot Ion:	97	Resp:	64191
Ion	Ratio	Lower	Upper
97	100		
83	90.2	69.1	103.7
85	55.8	45.2	67.8
99	63.8	49.6	74.4

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#56

Ethyl methacrylate

Concen: 17.62 ug/l

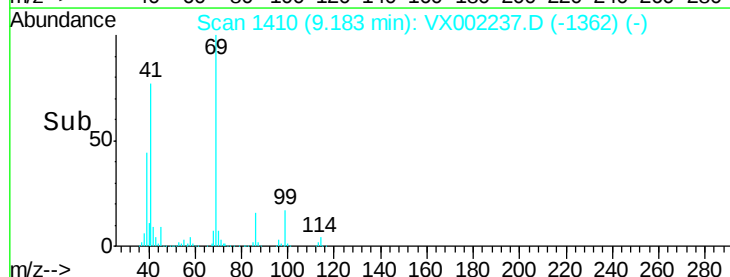
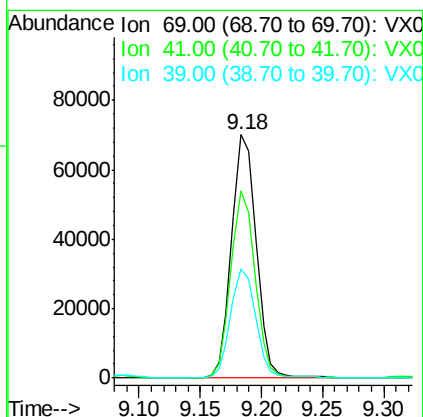
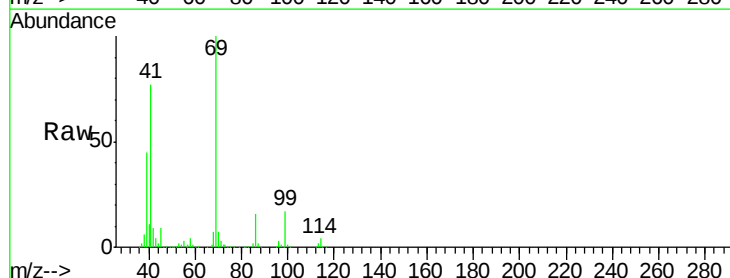
RT: 9.18 min Scan# 1410

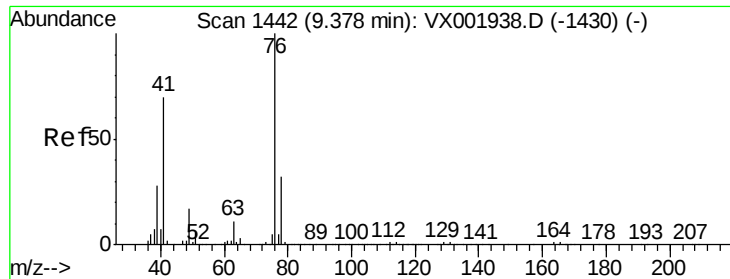
Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion:	69	Resp:	98065
Ion	Ratio	Lower	Upper
69	100		
41	75.3	61.0	91.6
39	45.7	34.4	51.6





#57

1,3-Dichloropropane

Concen: 19.87 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion: 76 Resp: 105938

Ion Ratio Lower Upper

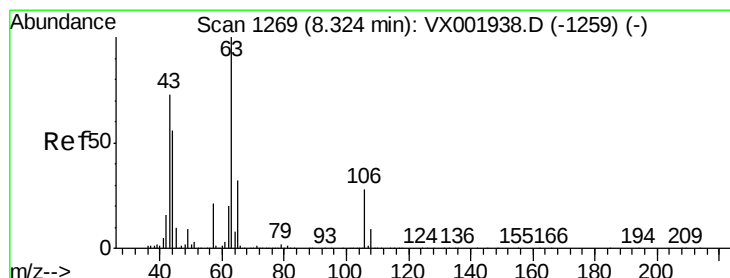
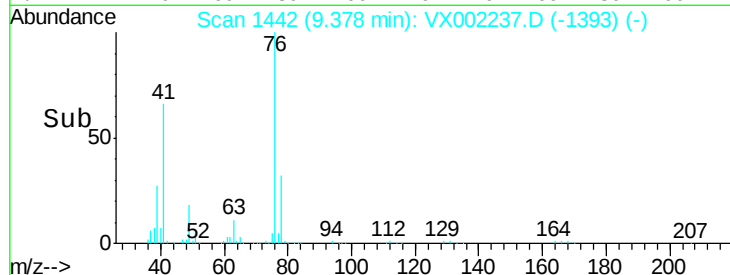
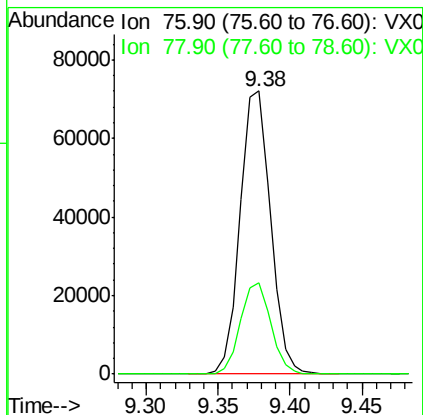
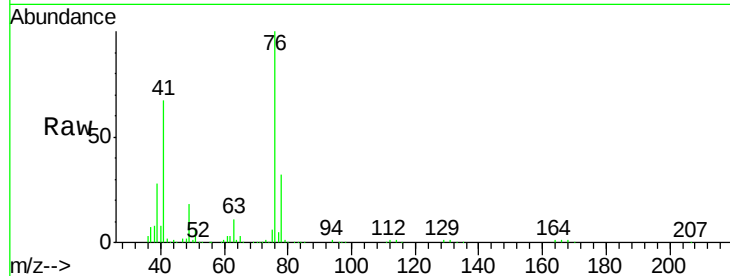
76 100

78 32.5 25.6 38.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 85.63 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002237.D

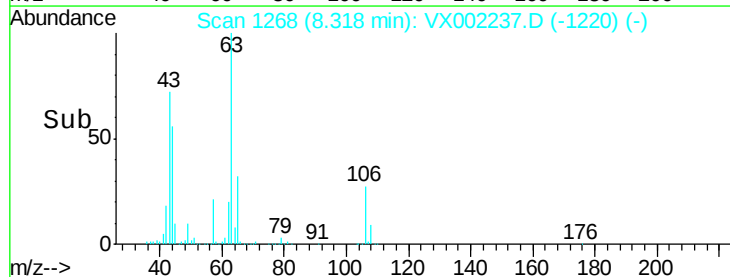
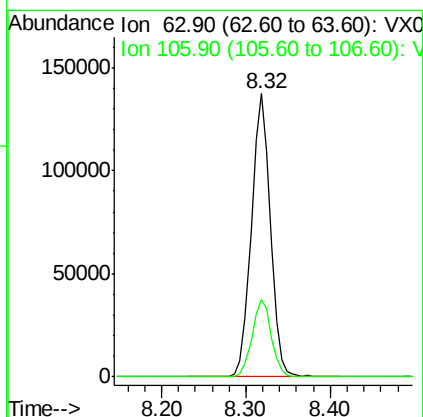
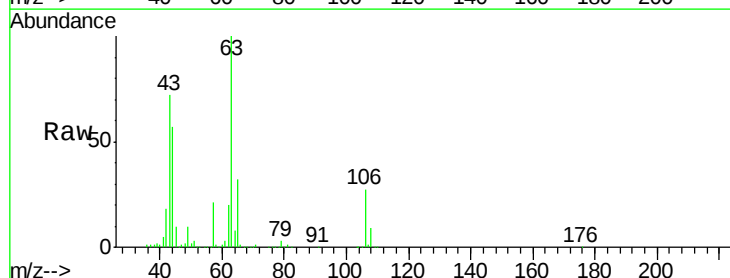
Acq: 02 Jun 2018 14:09

Tgt Ion: 63 Resp: 211245

Ion Ratio Lower Upper

63 100

106 27.5 21.7 32.5





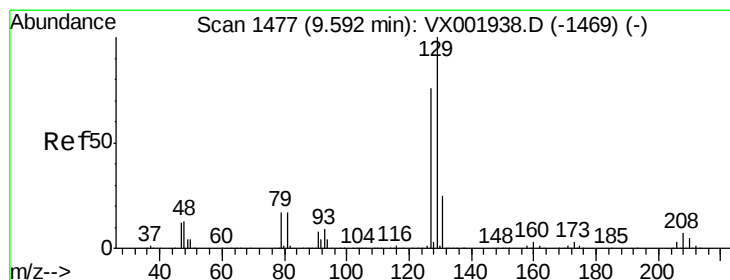
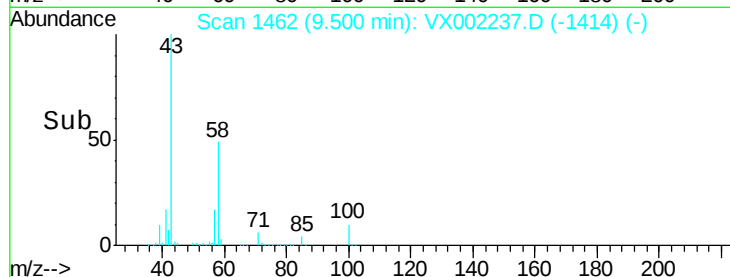
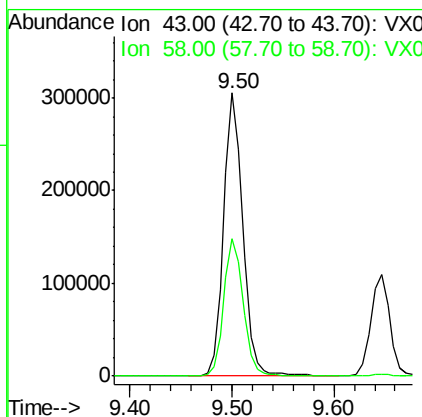
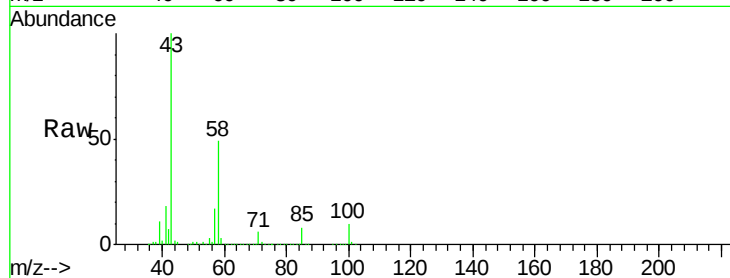
#59
2-Hexanone
Concen: 95.66 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion: 43 Resp: 401258
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

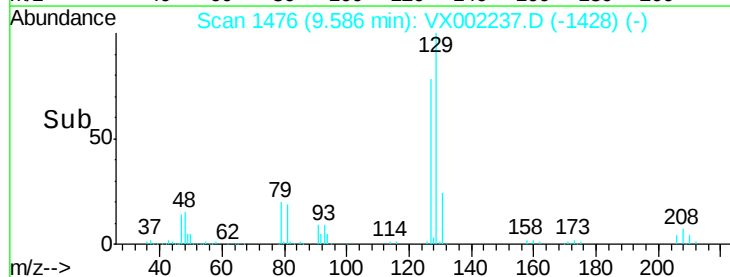
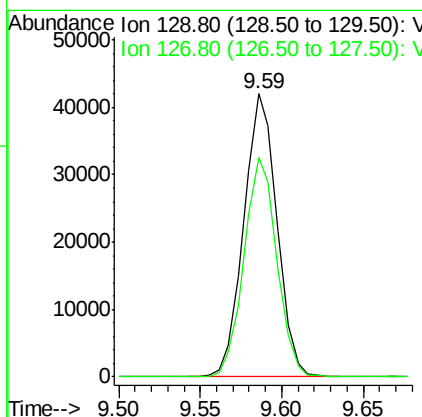
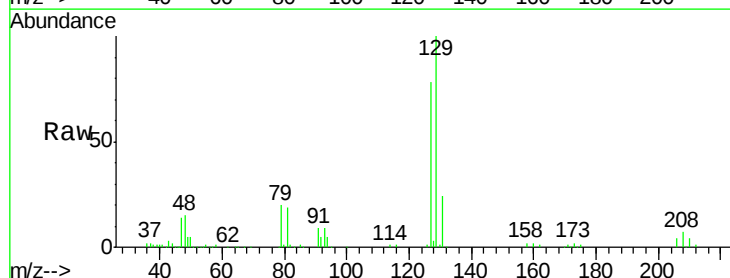
Manual Integrations
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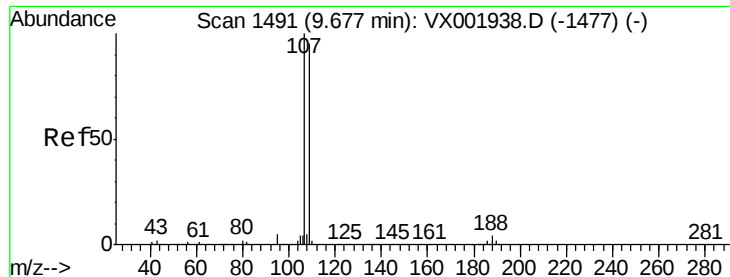
MMDadoda
6/4/2018 2:31:50 PM



#60
Dibromochloromethane
Concen: 15.51 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion: 129 Resp: 59440
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.32 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampled :

VX0602WBS01

Tot Ion: 107 Resp: 65606

Ion Ratio Lower Upper

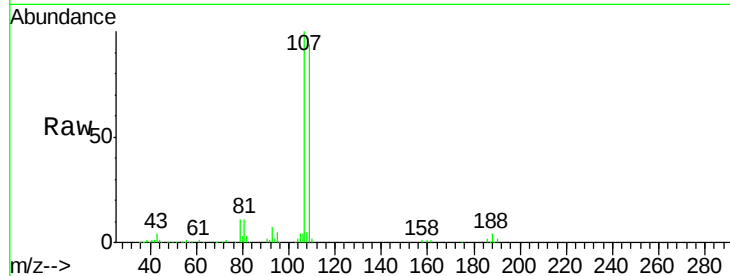
107 100

109 93.3 75.3 112.9

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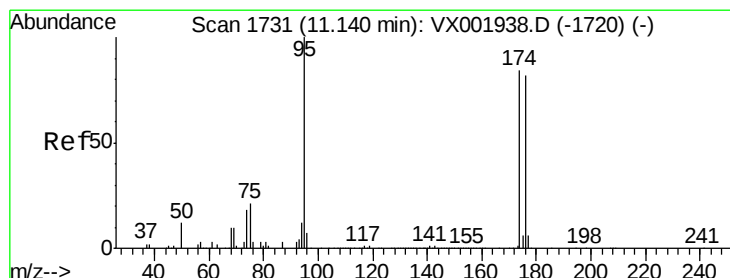
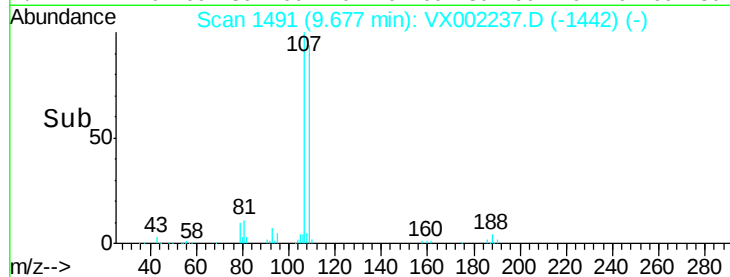
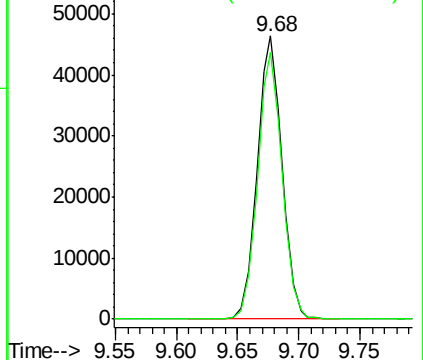
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

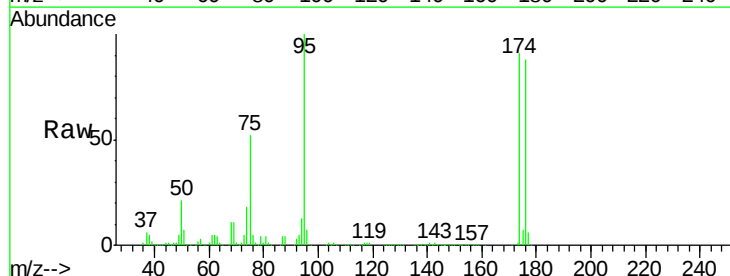
Tgt Ion: 95 Resp: 193251

Ion Ratio Lower Upper

95 100

174 93.7 0.0 178.8

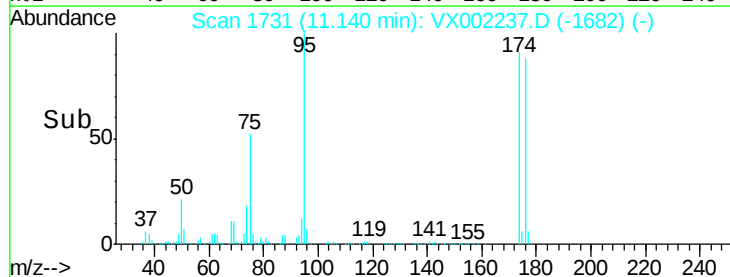
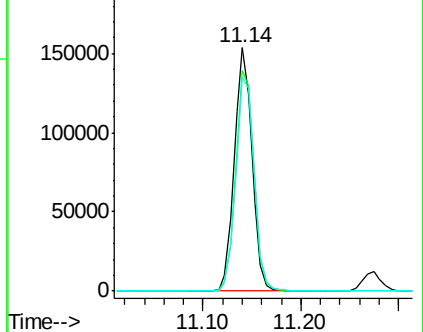
176 90.8 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





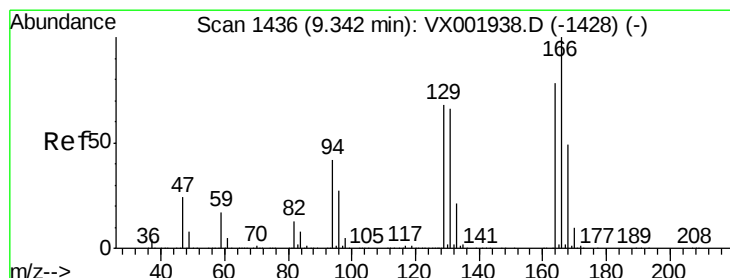
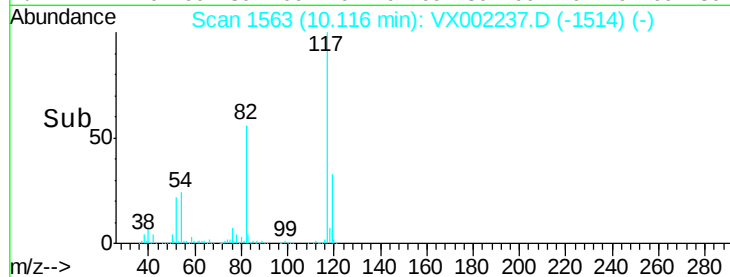
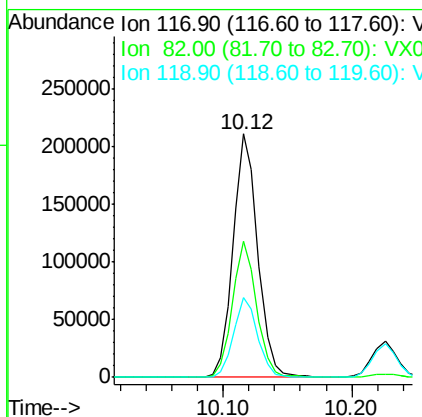
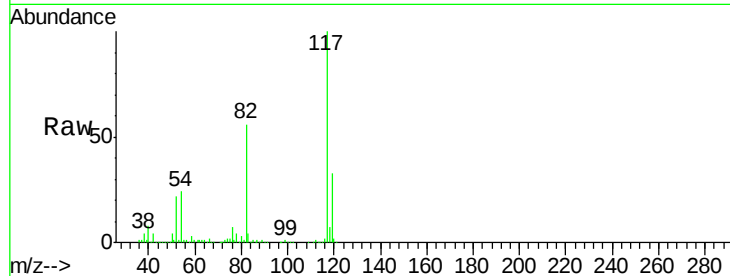
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.8	67.2
119	32.9	25.5	38.3

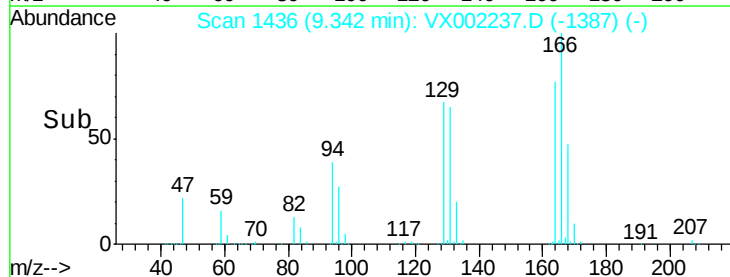
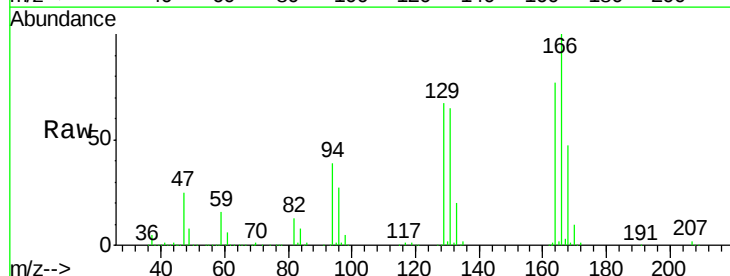
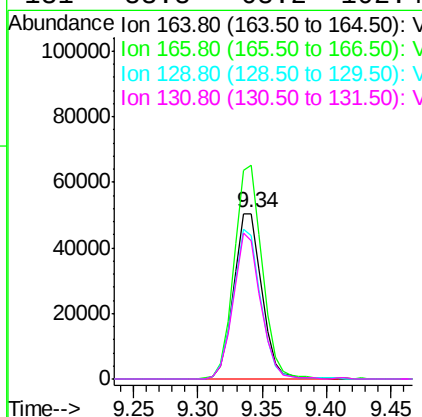
Manual Integrations
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6/4/2018 2:31:50 PM



#64
Tetrachloroethene
Concen: 18.99 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	102.7	154.1
129	86.7	70.3	105.5
131	83.8	68.2	102.4





#65

Chlorobenzene

Concen: 19.90 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion:112 Resp: 178071

Ion Ratio Lower Upper

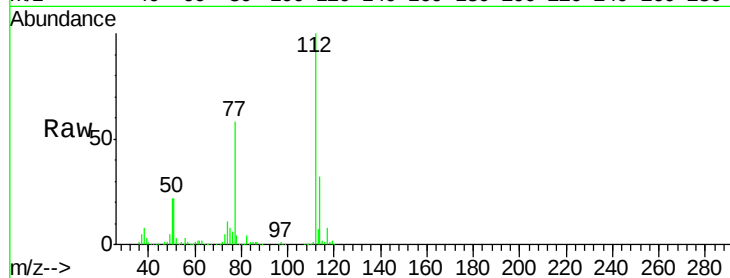
112 100

114 31.5 25.9 38.9

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

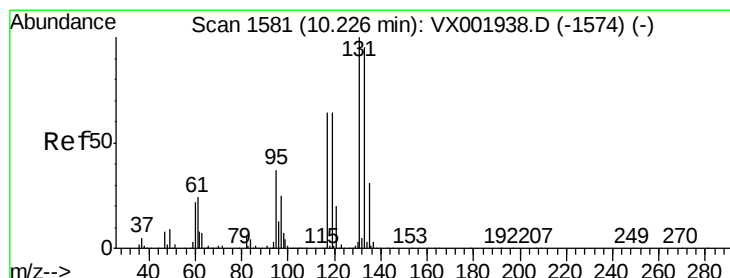
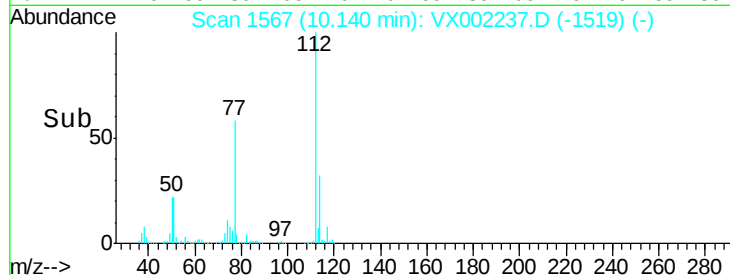
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 16.97 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

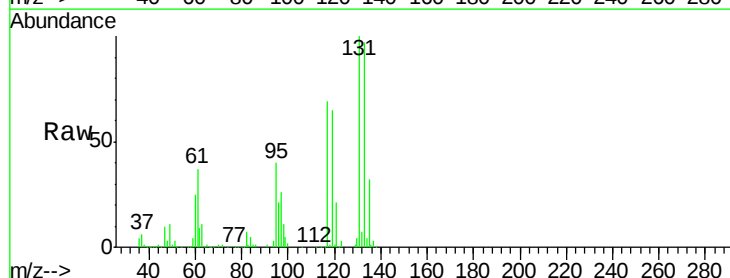
Tgt Ion:131 Resp: 61296

Ion Ratio Lower Upper

131 100

133 97.6 48.0 144.0

119 63.0 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

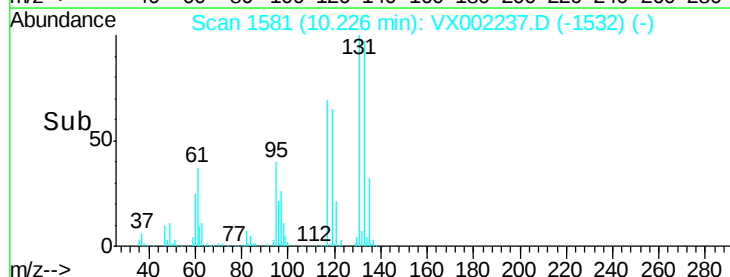
30000

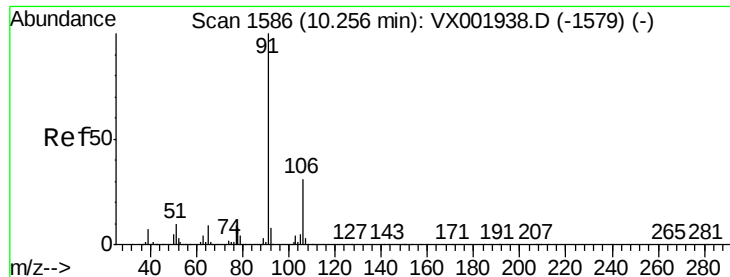
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 19.33 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion: 91 Resp: 300473

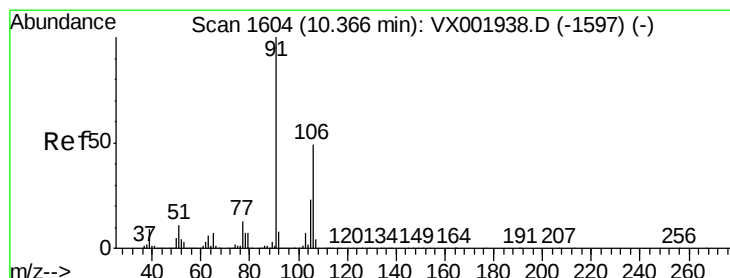
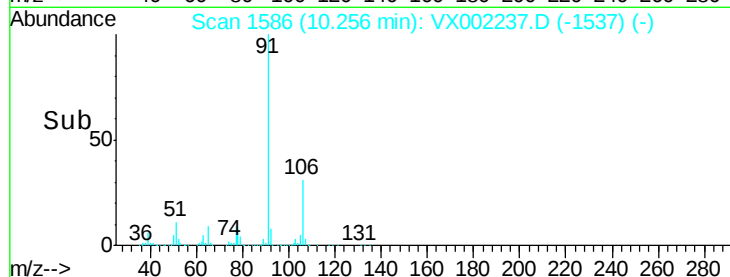
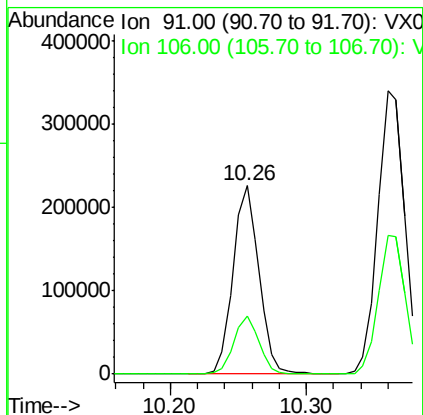
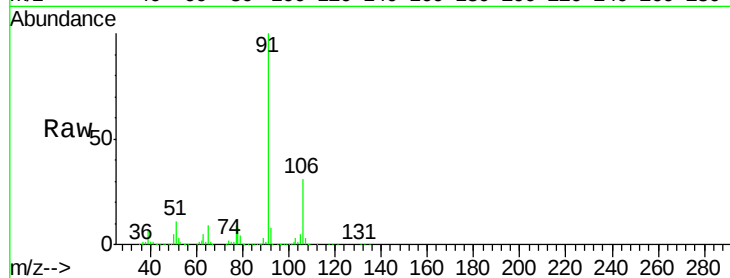
Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6

Manual Integrations
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6/4/2018 2:31:50 PM



#68

m/p-Xylenes

Concen: 39.19 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002237.D

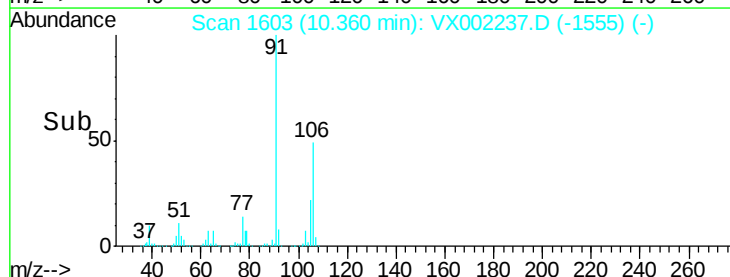
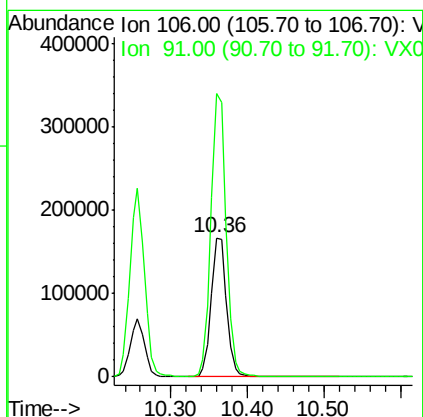
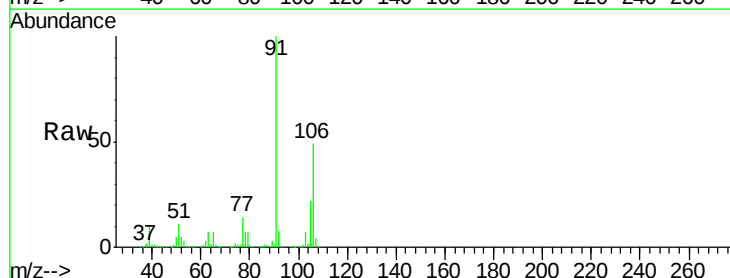
Acq: 02 Jun 2018 14:09

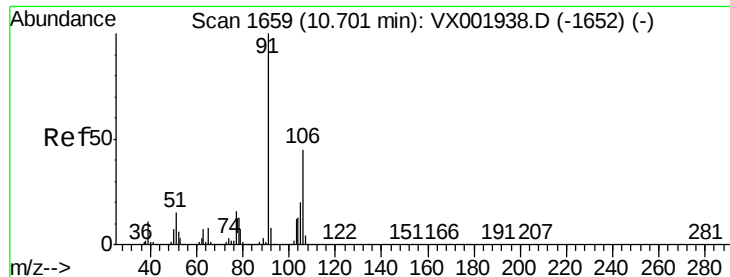
Tgt Ion: 106 Resp: 232888

Ion Ratio Lower Upper

106 100

91 203.5 165.0 247.6





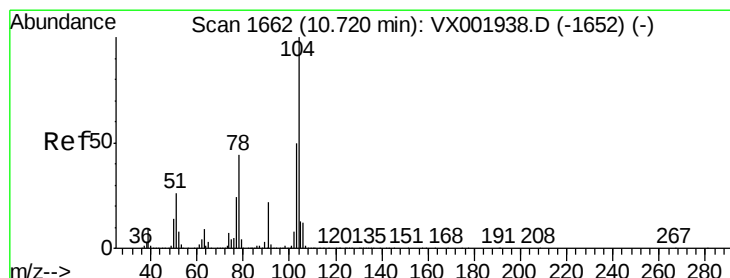
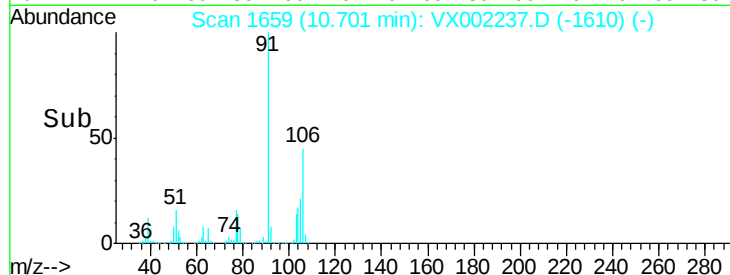
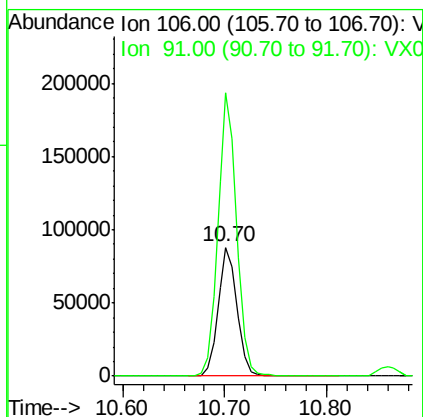
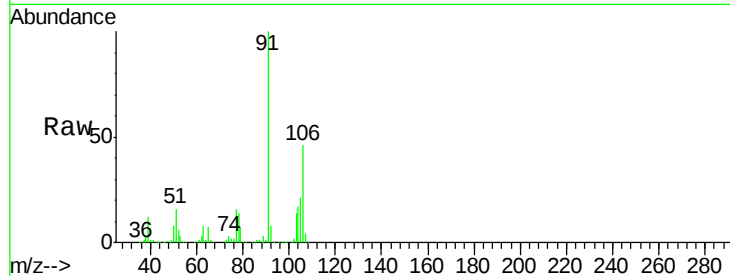
#69
o-Xylene
Concen: 19.24 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion:106 Resp: 114164
Ion Ratio Lower Upper
106 100
91 217.7 108.7 325.9

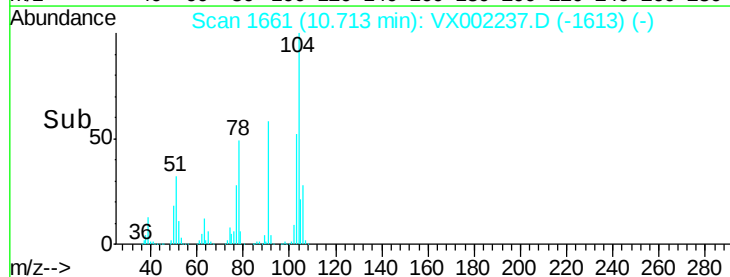
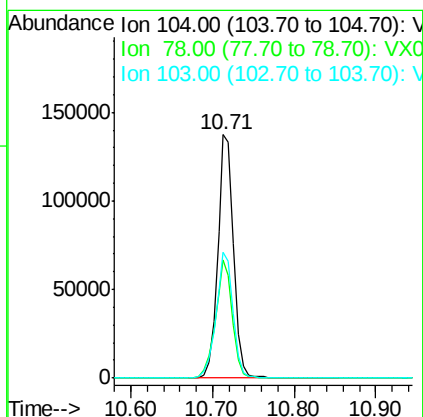
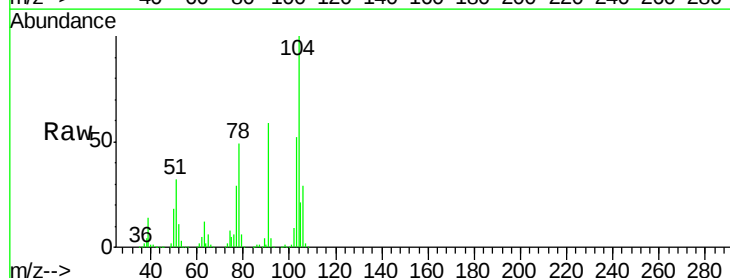
Manual Integrations
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6/4/2018 2:31:50 PM



#70
Styrene
Concen: 19.06 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion:104 Resp: 187594
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.6
103 55.7 44.6 67.0





#71

Bromoform

Concen: 12.84 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion:173 Resp: 43996

Ion Ratio Lower Upper

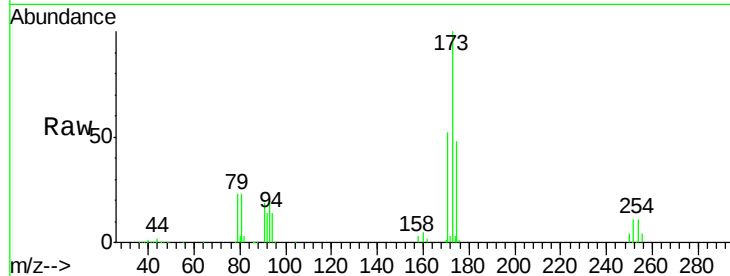
173 100

175 49.1 24.3 72.9

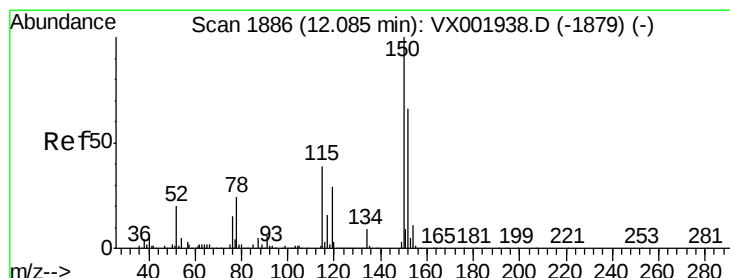
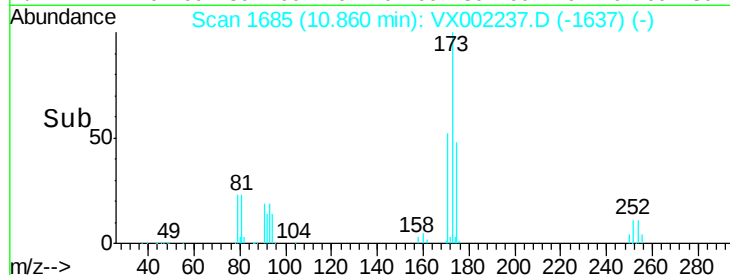
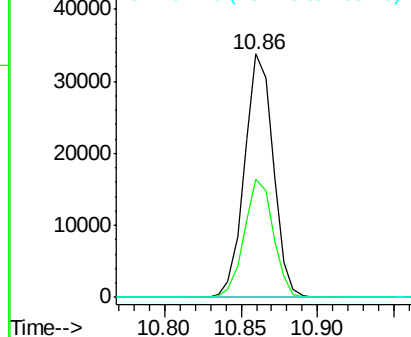
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

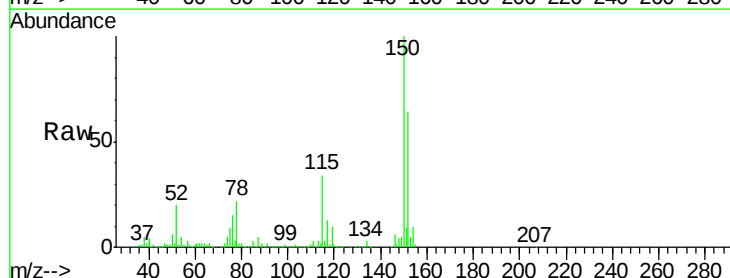
Tgt Ion:152 Resp: 192228

Ion Ratio Lower Upper

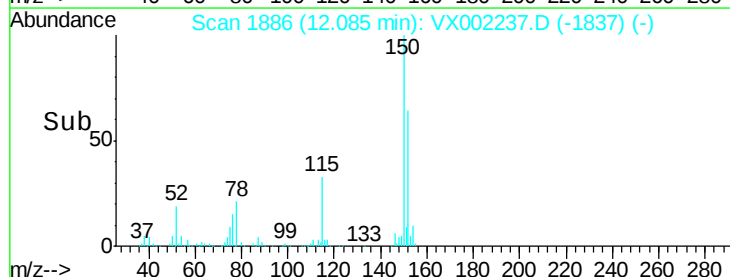
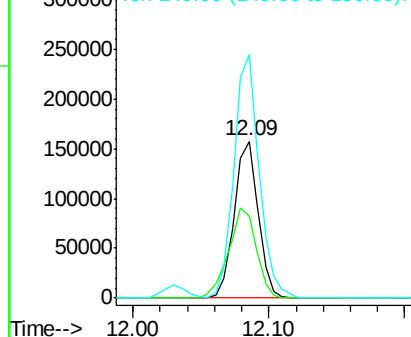
152 100

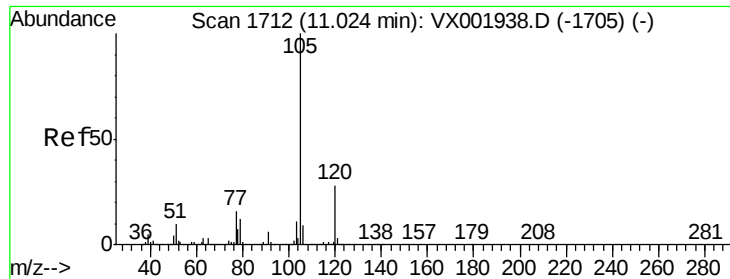
115 66.6 42.3 126.8

150 164.0 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.01 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampled :

VX0602WBS01

Tot Ion: 105 Resp: 309385

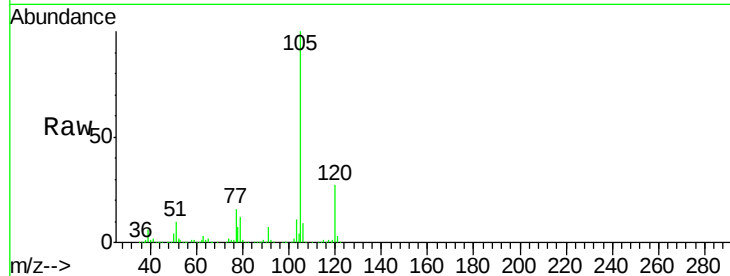
Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7

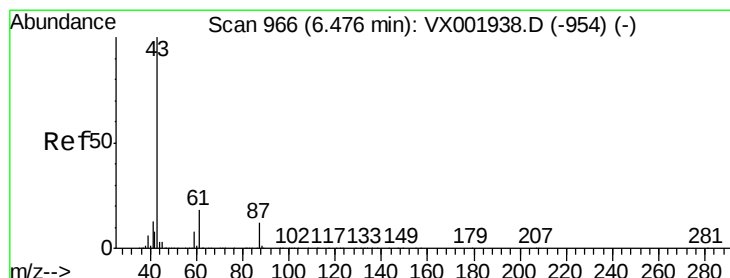
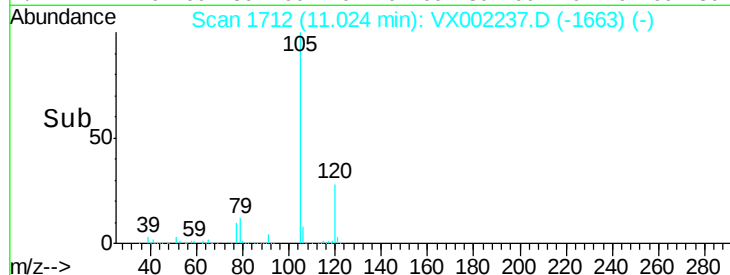
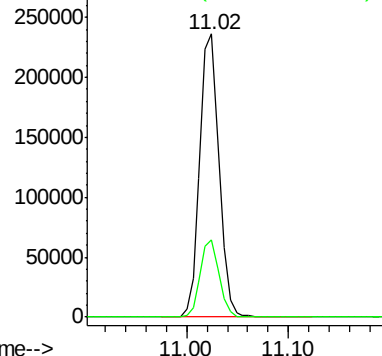
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.54 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion: 43 Resp: 157520

Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

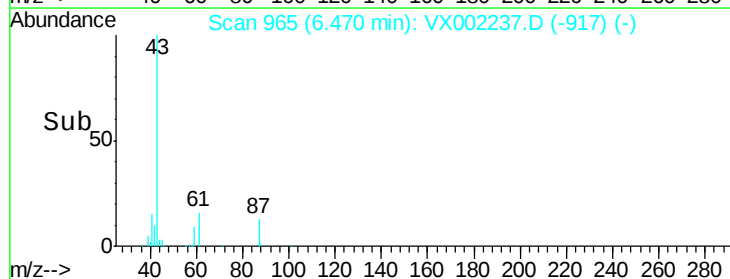
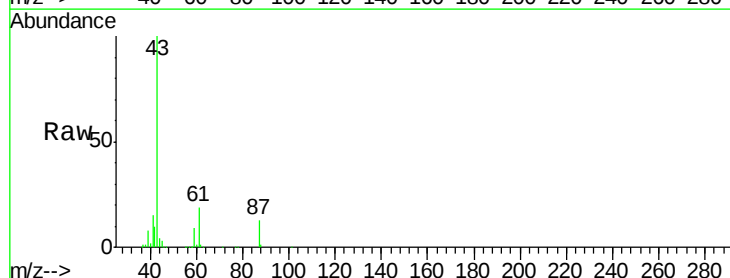
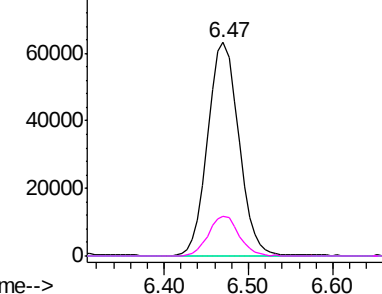
61 18.4 14.5 21.7

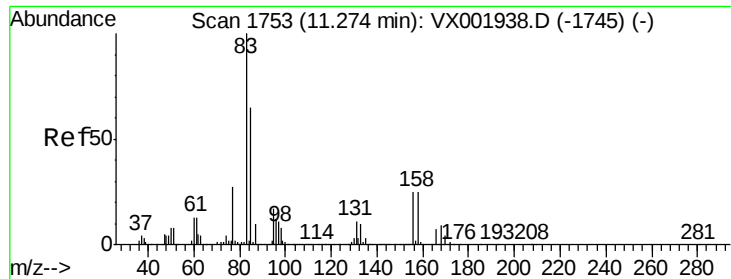
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.70 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

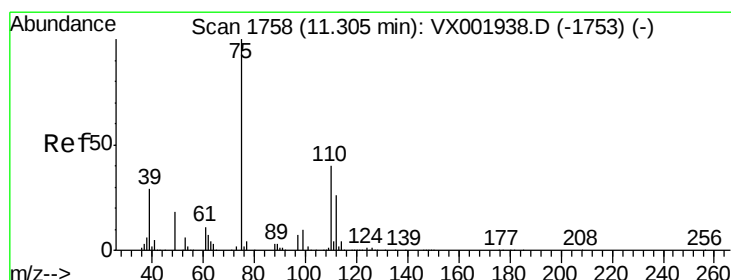
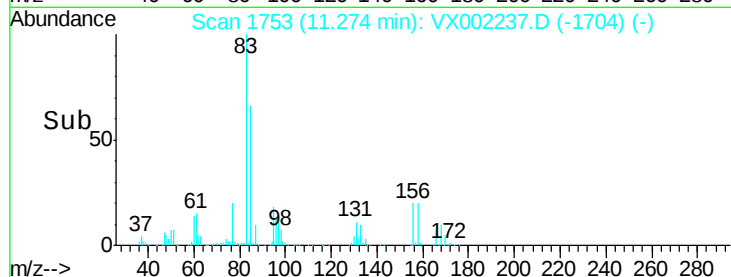
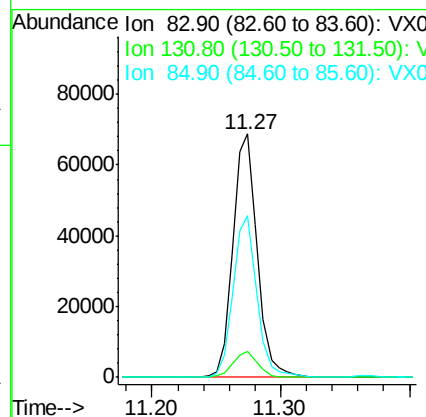
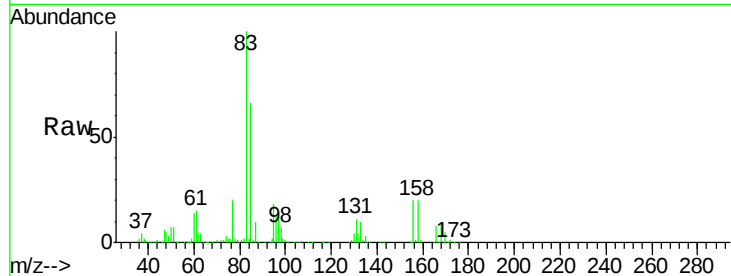
ClientSampleId :

VX0602WBS01

Tot Ion:	83	Resp:	91138
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.7	17.0
85	65.2	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.37 ug/l m

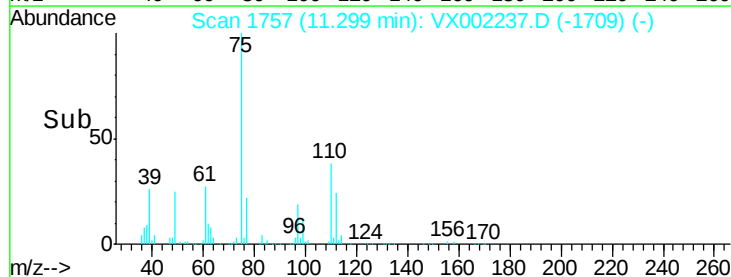
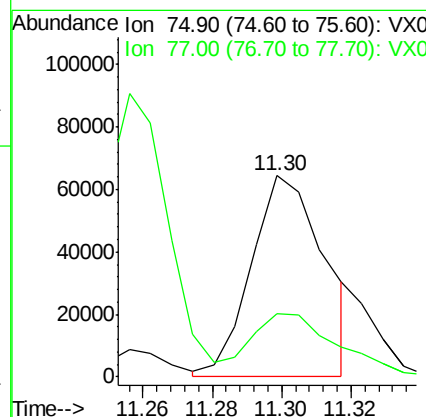
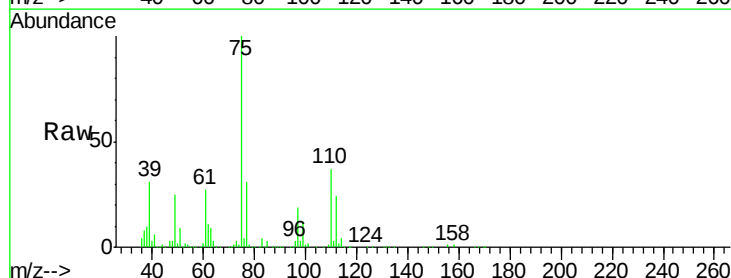
RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion:	75	Resp:	94050
Ion Ratio	Lower	Upper	
75	100		
77	37.5	22.8	68.3





#77

Bromobenzene

Concen: 19.47 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion:156 Resp: 84083

Ion Ratio Lower Upper

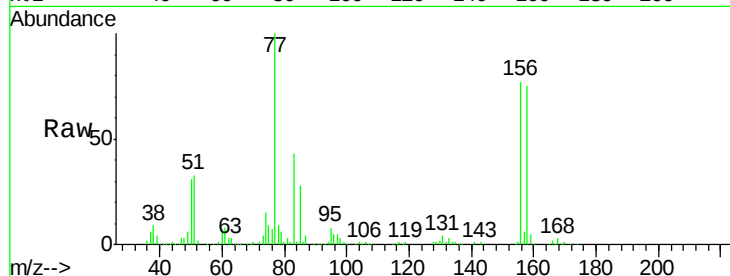
156 100

77 141.0 75.2 225.6

158 96.3 48.6 145.8

Manual Integrations
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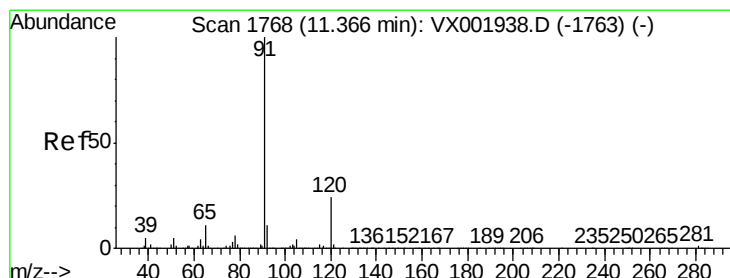
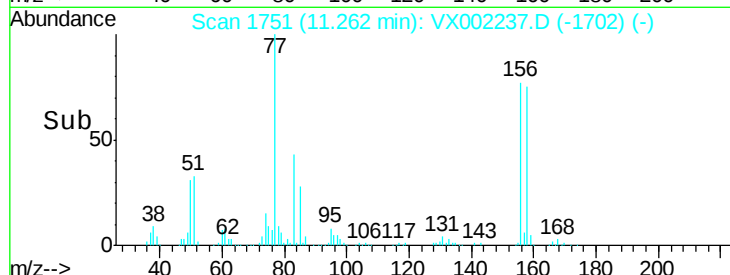
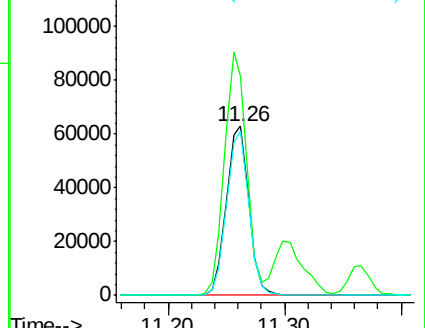
MMDadoda
6/4/2018 2:31:50 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.25 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002237.D

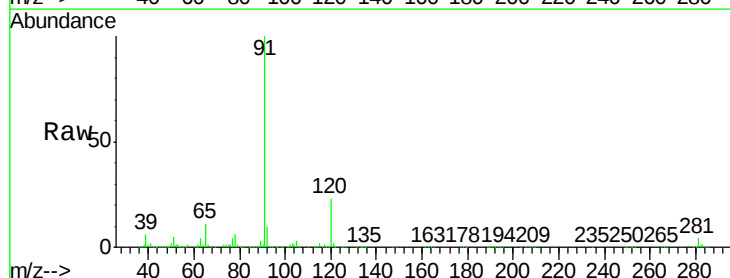
Acq: 02 Jun 2018 14:09

Tgt Ion: 91 Resp: 350972

Ion Ratio Lower Upper

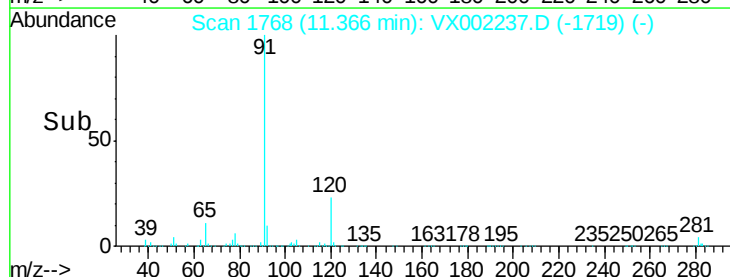
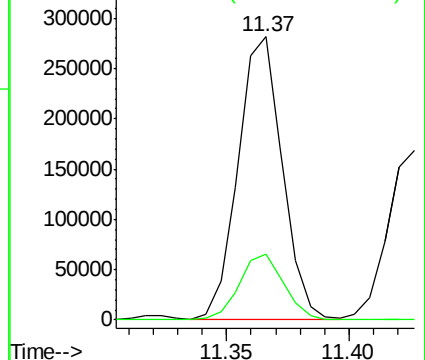
91 100

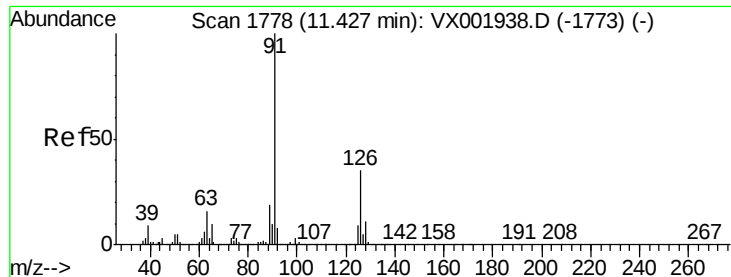
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.86 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion: 91 Resp: 212557

Ion Ratio Lower Upper

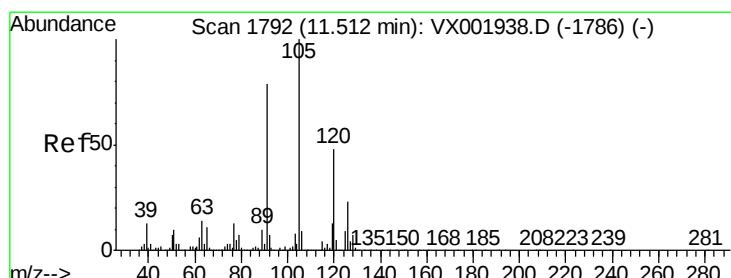
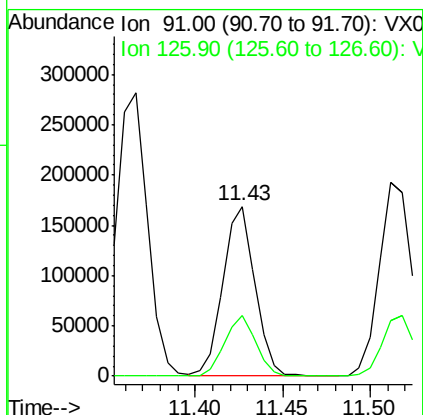
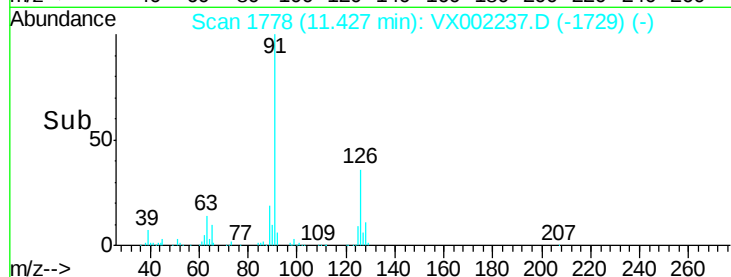
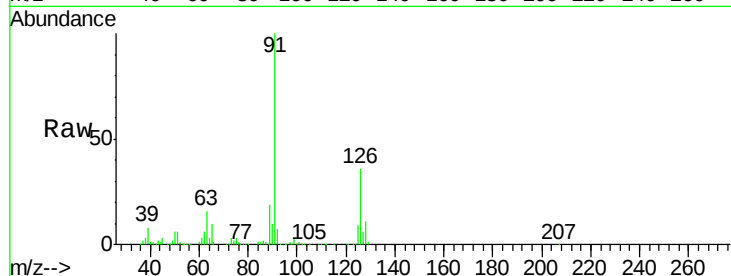
91 100

126 35.2 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 18.89 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002237.D

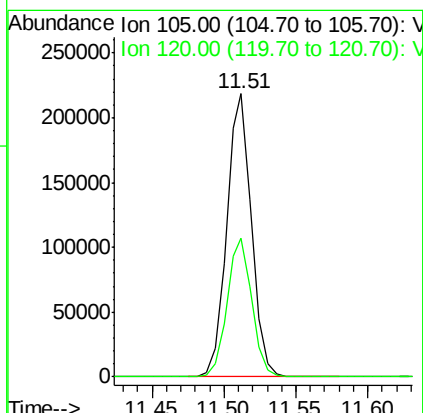
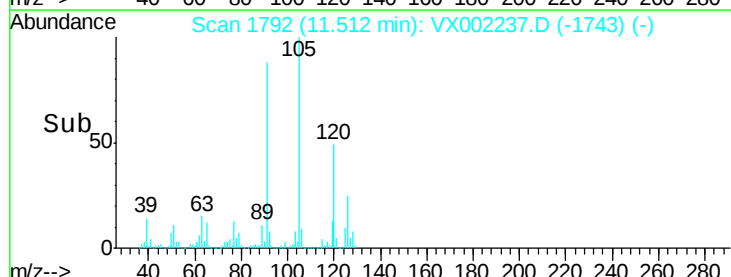
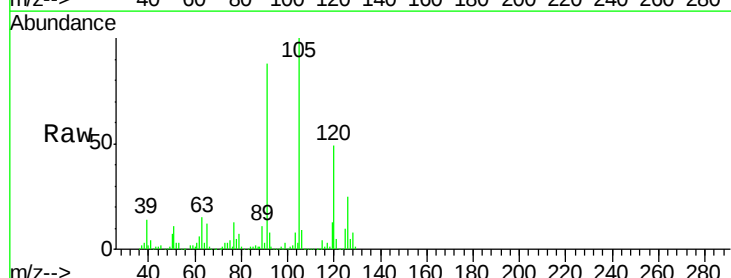
Acq: 02 Jun 2018 14:09

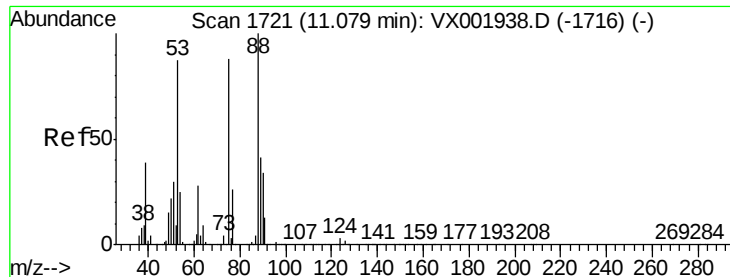
Tgt Ion: 105 Resp: 262740

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.4





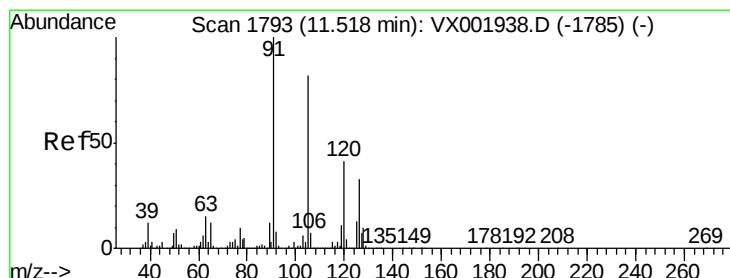
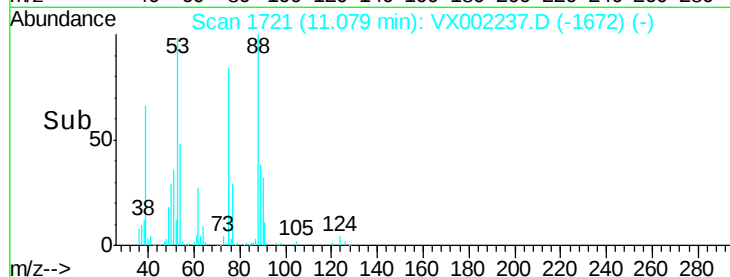
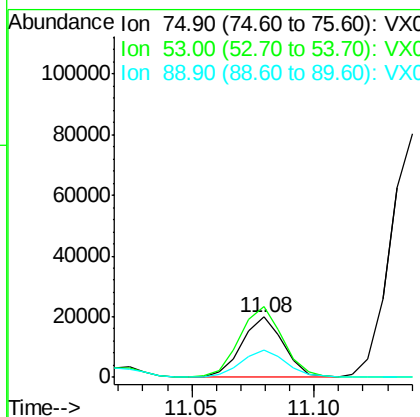
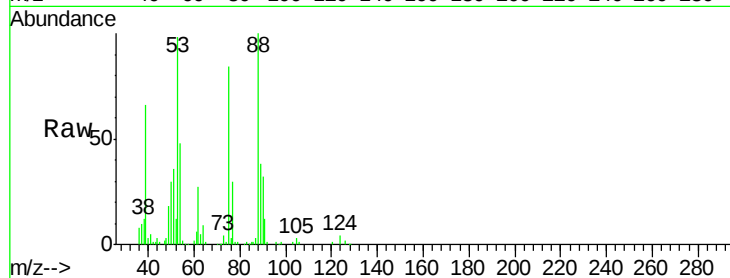
#81
trans-1,4-Dichloro-2-butene
Concen: 12.08 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.9	78.0	117.0#
89	49.4	39.4	59.2

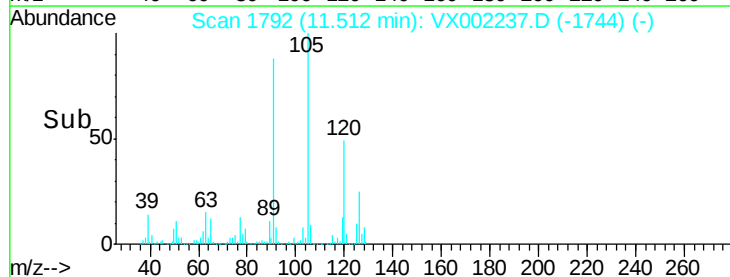
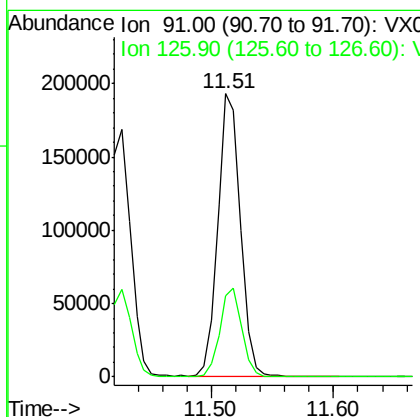
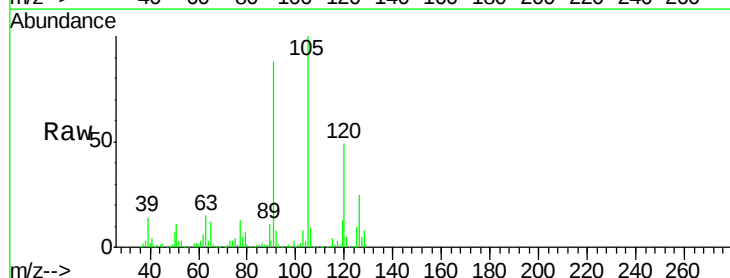
Manual Integrations
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#82
4-Chlorotoluene
Concen: 19.43 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.8





#83

tert-Butylbenzene

Concen: 18.61 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

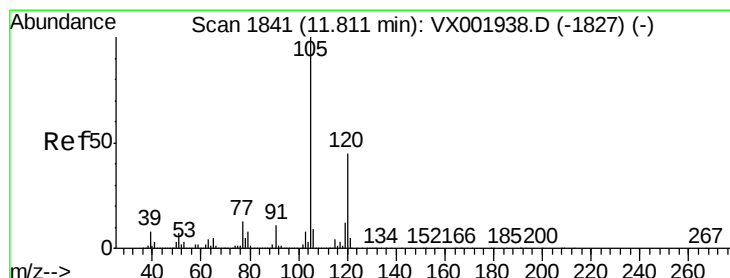
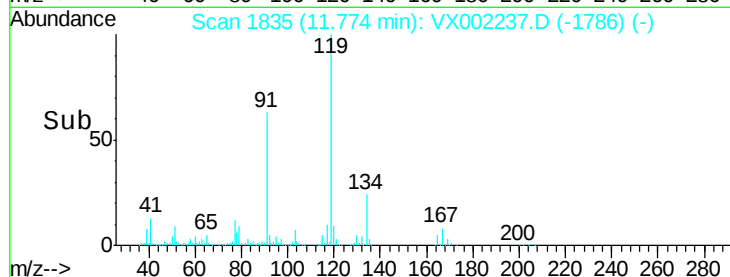
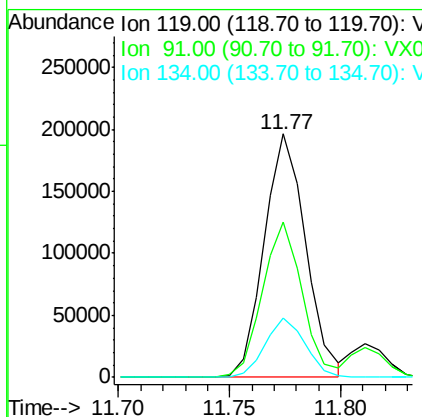
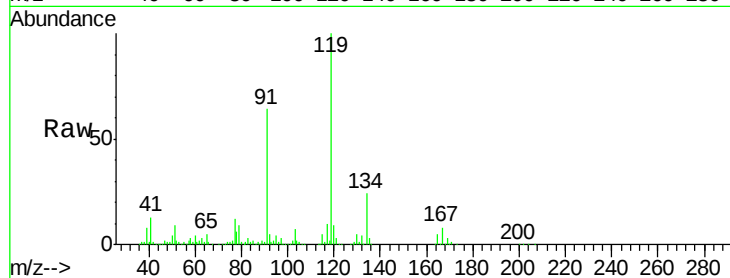
ClientSampleId :

VX0602WBS01

Tot Ion:	119	Resp:	254018
Ion Ratio	Lower	Upper	
119	100		
91	61.3	30.6	91.8
134	23.5	11.7	35.0

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#84

1,2,4-Trimethylbenzene

Concen: 19.01 ug/l

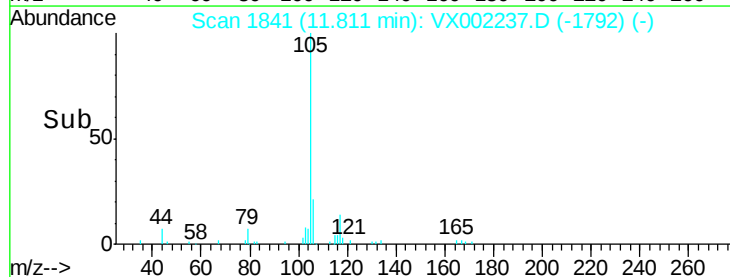
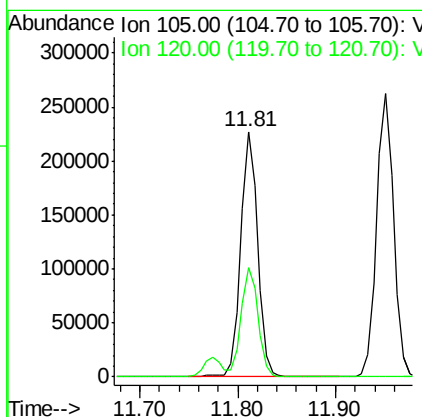
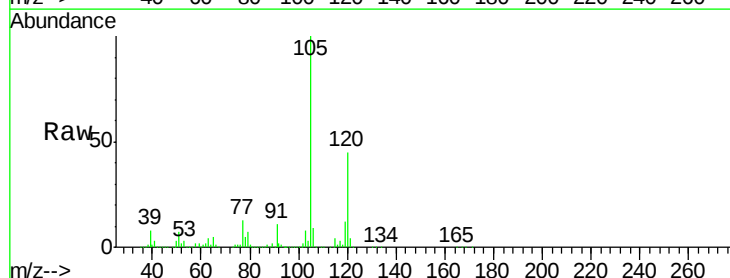
RT: 11.81 min Scan# 1841

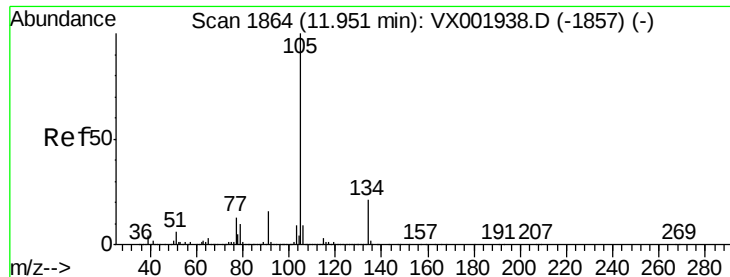
Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Tgt Ion:	105	Resp:	273272
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.1	66.5





#85

sec-Butylbenzene

Concen: 19.33 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBS01

Tot Ion:105 Resp: 317207

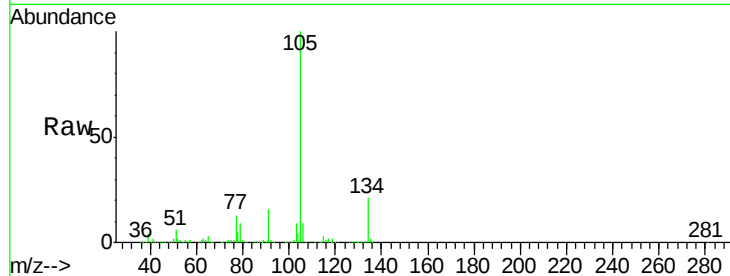
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

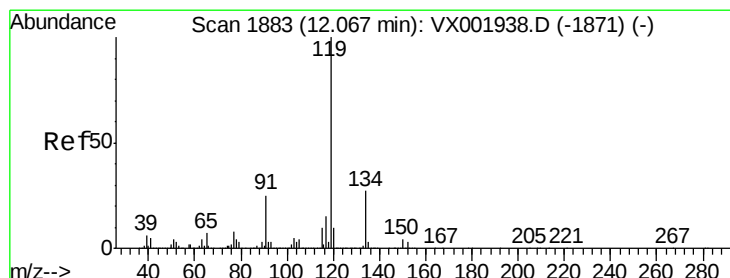
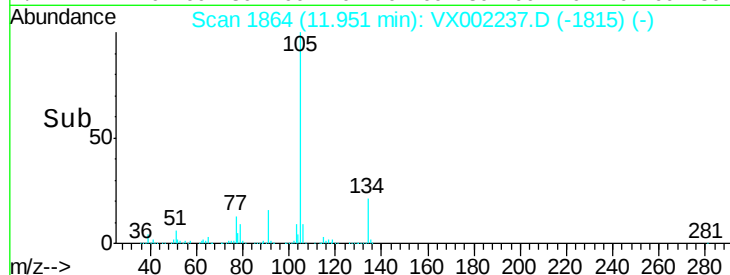
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.41 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002237.D

Acq: 02 Jun 2018 14:09

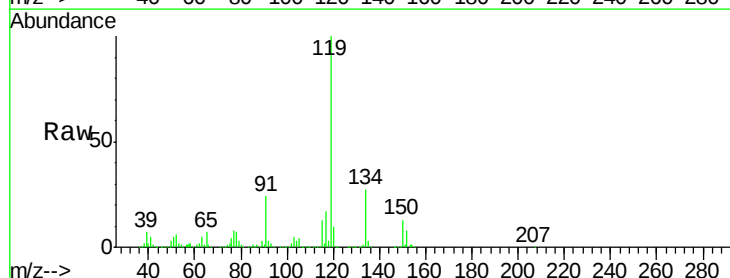
Tgt Ion:119 Resp: 285080

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

91 24.1 12.2 36.4



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

12.07

300000

250000

200000

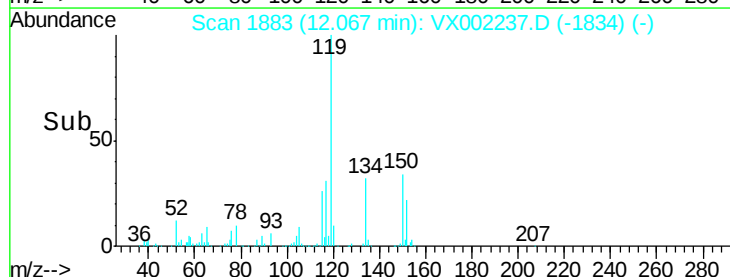
150000

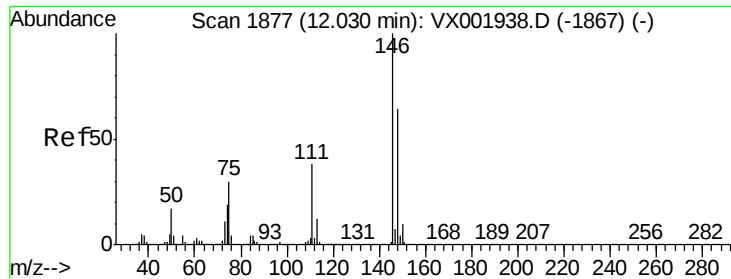
100000

50000

0

Time-->





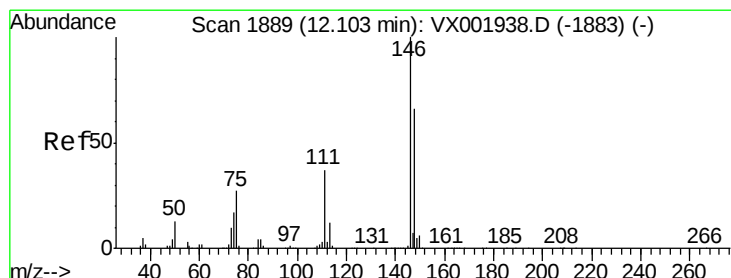
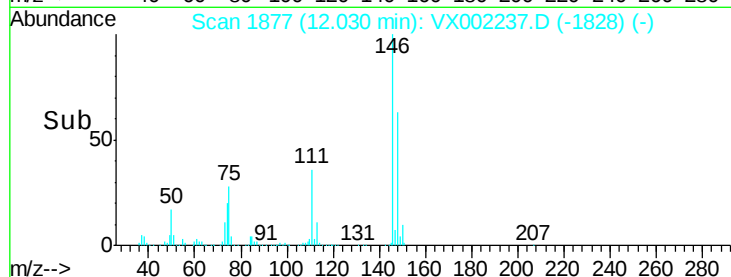
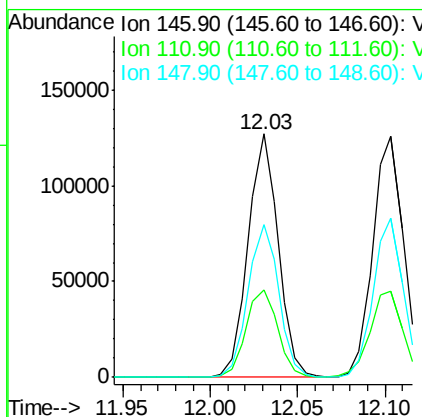
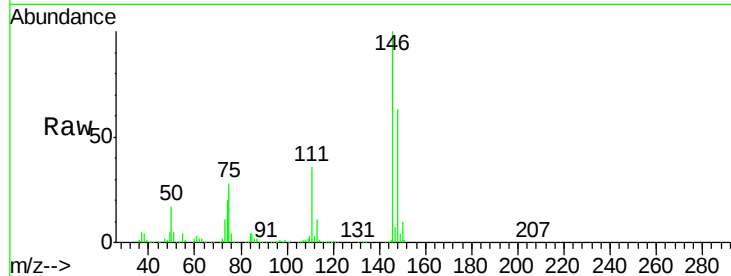
#87
 1,3-Dichlorobenzene
 Concen: 19.79 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.8
148	64.1	32.1	96.3

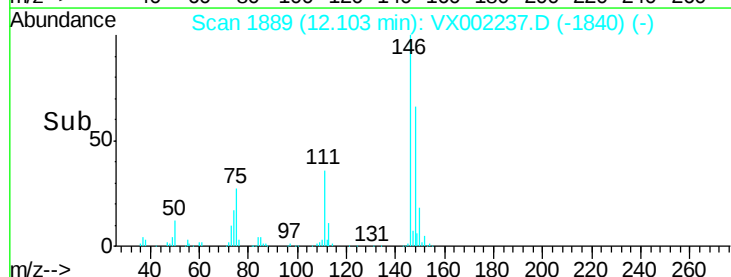
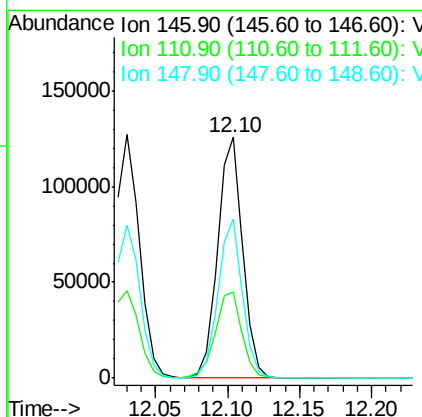
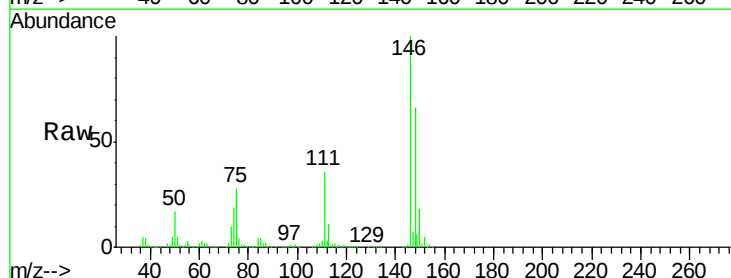
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 19.84 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.5
148	64.8	32.3	96.8





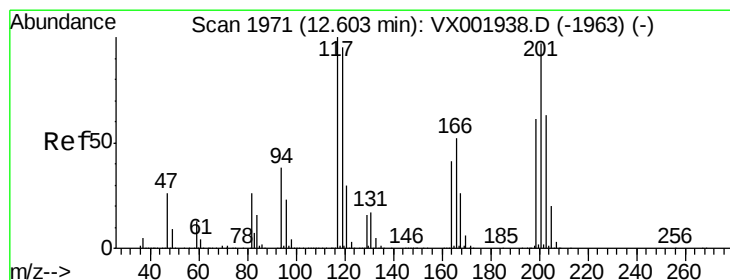
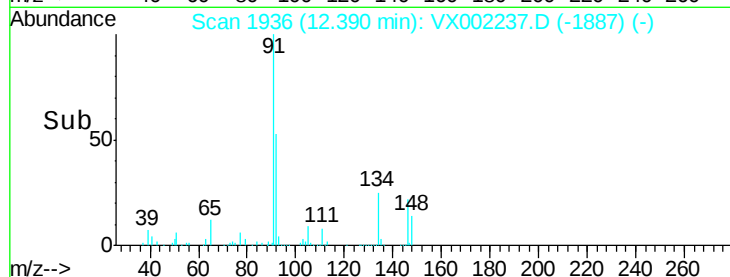
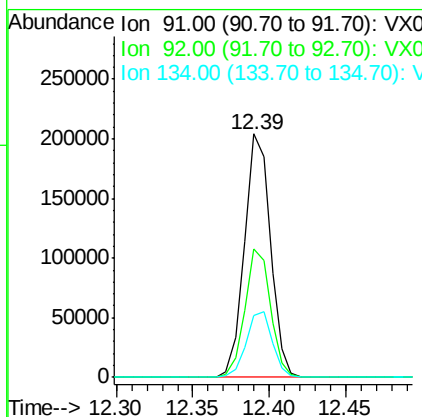
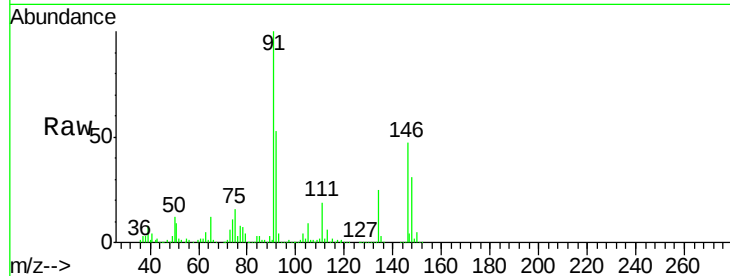
#89
n-Butylbenzene
Concen: 19.38 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampled :
VX0602WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.3	78.9
134	27.1	13.6	40.7

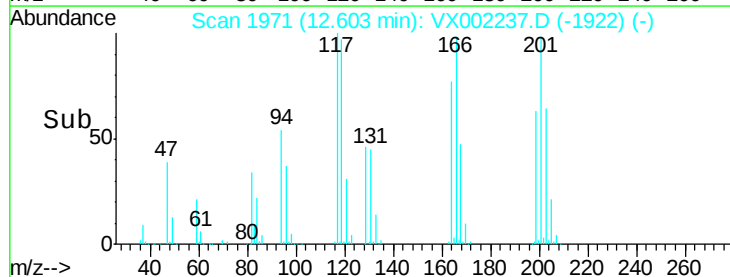
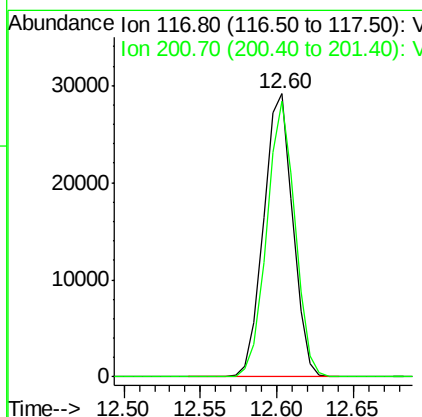
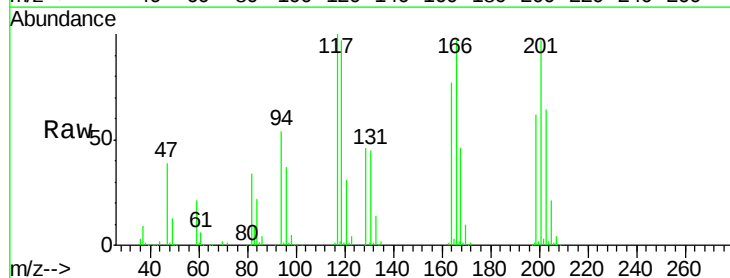
Manual Integrations
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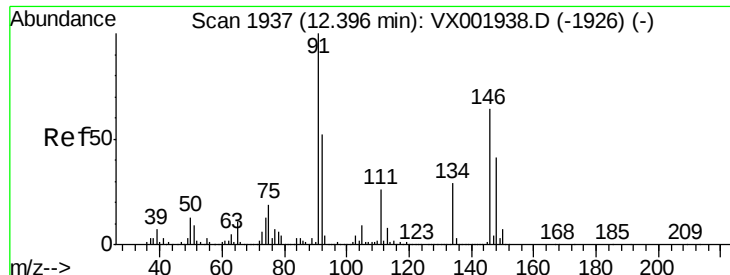
MMDadoda
6/4/2018 2:31:50 PM



#90
Hexachloroethane
Concen: 13.44 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.9	48.0	144.0





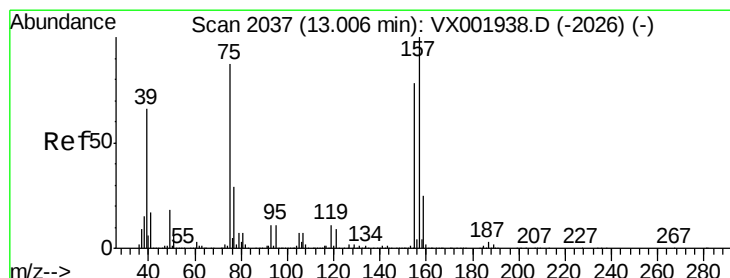
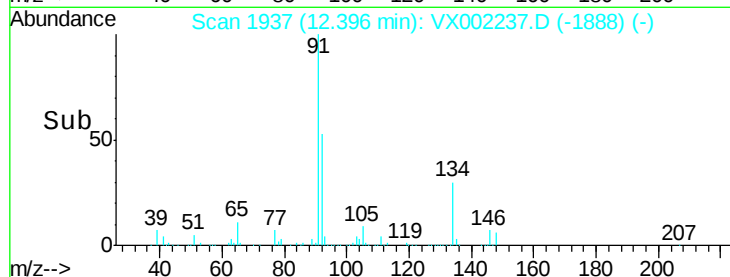
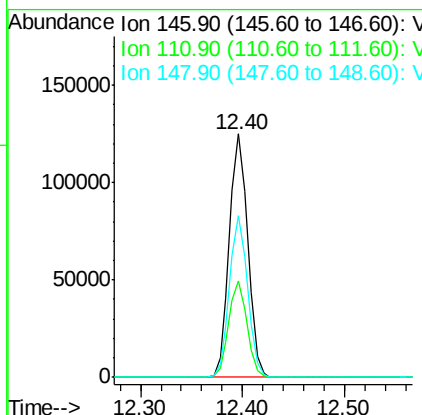
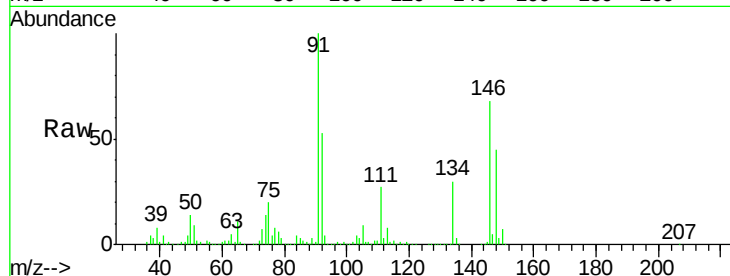
#91
 1,2-Dichlorobenzene
 Concen: 19.83 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	65.0	32.1	96.5

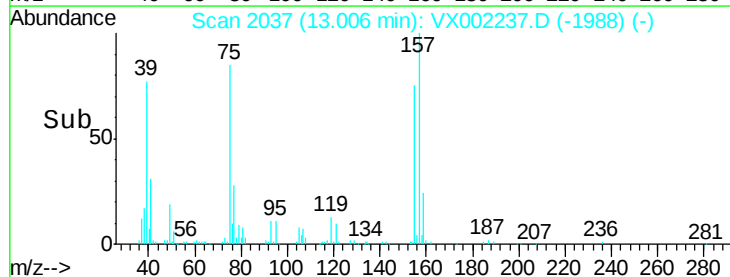
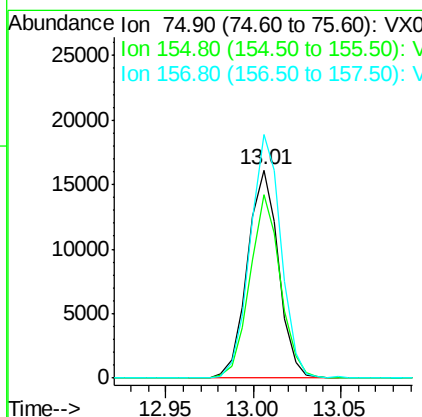
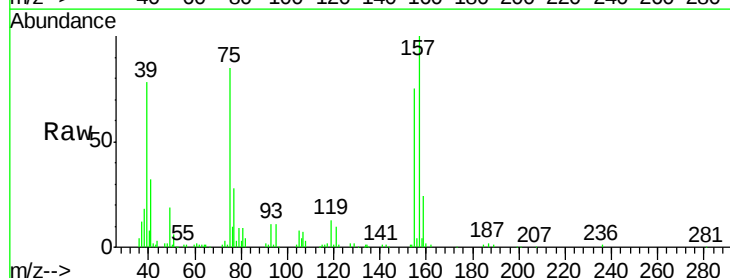
Manual Integrations
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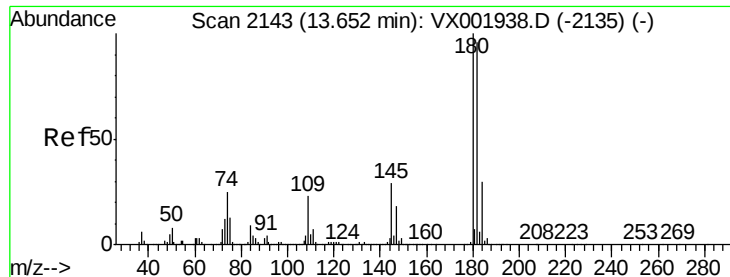
MMDadoda
 6/4/2018 2:31:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.70 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	45.1	135.2
157	117.1	58.1	174.2





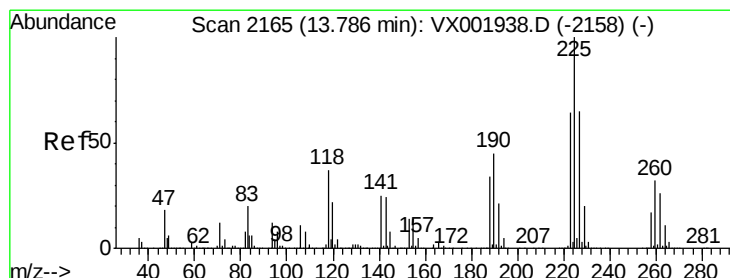
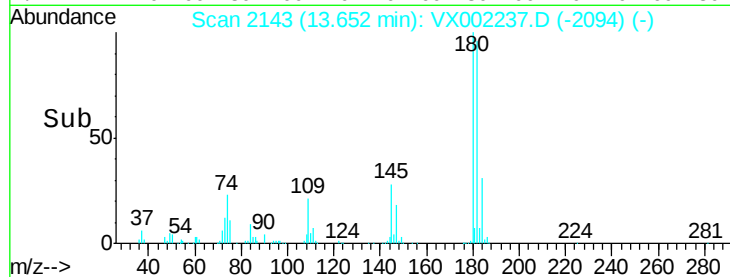
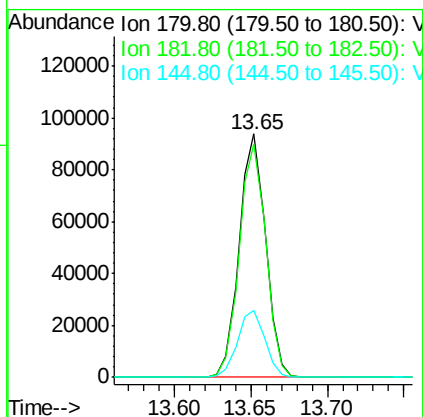
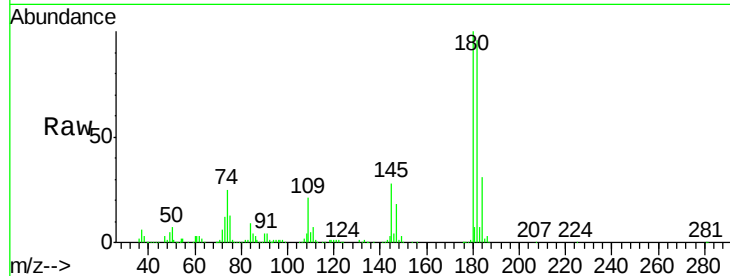
#93
 1,2,4-Trichlorobenzene
 Concen: 19.90 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.7	143.1
145	28.4	14.4	43.0

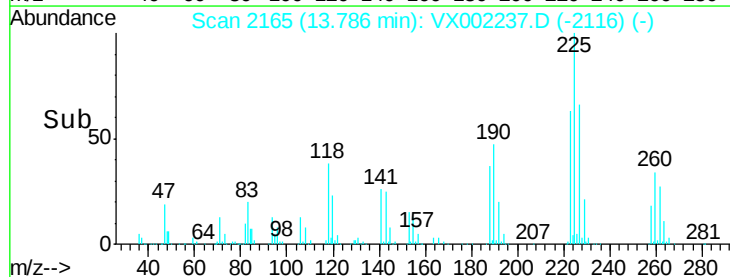
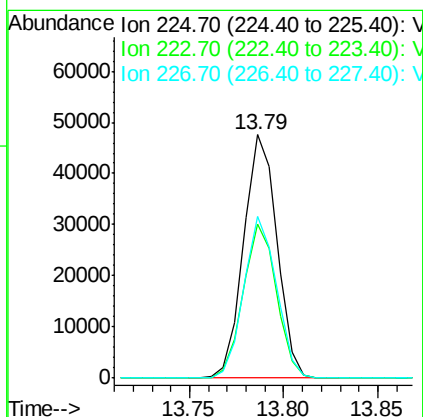
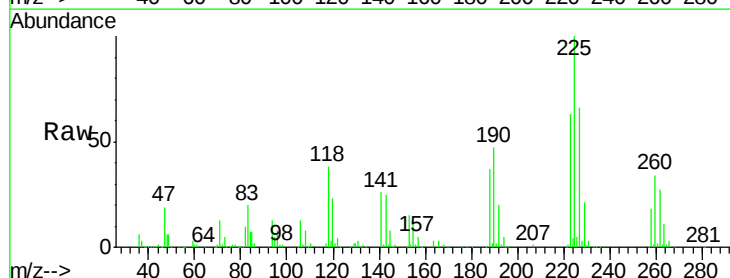
Manual Integrations
 APPROVED

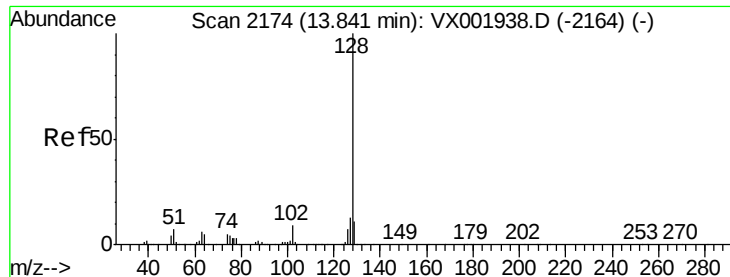
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#94
 Hexachlorobutadiene
 Concen: 19.32 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002237.D
 Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.5
227	65.3	32.1	96.5





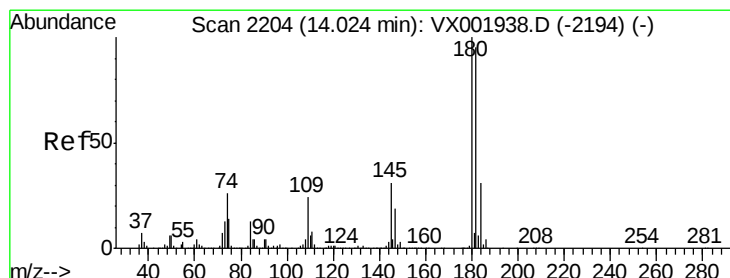
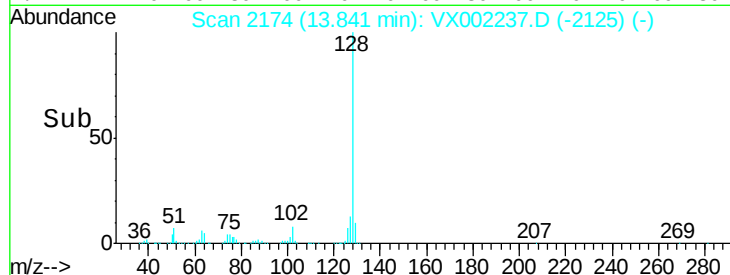
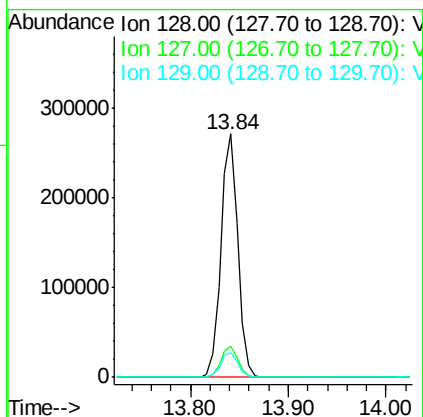
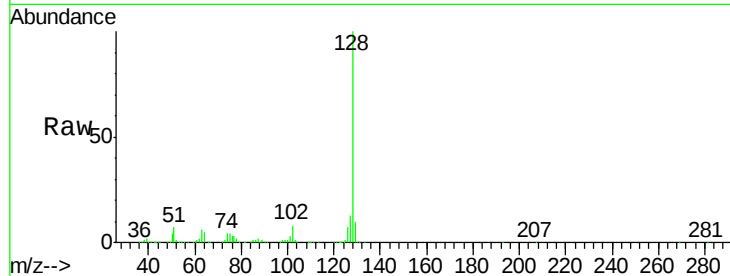
#95
Naphthalene
Concen: 18.53 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	321651		
127	13.1		10.4	15.6
129	10.6		8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.82 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002237.D
Acq: 02 Jun 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115543		
182	96.6		47.9	143.6
145	30.5		15.1	45.3

