

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000814.D
 Acq On : 12 Apr 2018 20:22
 Operator : JC/MD
 Sample : J2236-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Manual Integrations
 APPROVED

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 4/13/2018 2:58:06 PM

Quant Time: Apr 13 07:43:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	228066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	142375	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.51	113	121088	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.73	98	440154	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.15	95	179564	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	126789	49.25	ug/l	99
3) Chloromethane	1.32	50	103435	46.86	ug/l	100
4) Vinyl Chloride	1.40	62	126452	50.93	ug/l	94
5) Bromomethane	1.64	94	57105	55.73	ug/l	96
6) Chloroethane	1.73	64	74640	49.60	ug/l	99
7) Trichlorofluoromethane	1.93	101	184244	49.18	ug/l	100
8) Diethyl Ether	2.20	74	72272	51.65	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	108125	48.95	ug/l	99
10) Methyl Iodide	2.51	142	58785	36.80	ug/l	99
11) Tert butyl alcohol	3.08	59	170618	334.18	ug/l	99
12) 1,1-Dichloroethene	2.38	96	103883	49.63	ug/l	97
13) Acrolein	2.30	56	48276	194.71	ug/l	96
14) Allyl chloride	2.73	41	196523	50.77	ug/l	97
15) Acrylonitrile	3.16	53	335033	307.79	ug/l	99
16) Acetone	2.45	43	285401	287.80	ug/l	100
17) Carbon Disulfide	2.57	76	295131	46.56	ug/l	100
18) Methyl Acetate	2.79	43	160760	62.64	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	370458	53.13	ug/l	100
20) Methylene Chloride	2.86	84	115316	50.00	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	113298	49.08	ug/l	99
22) Diisopropyl ether	3.89	45	381769	53.67	ug/l	97
23) Vinyl Acetate	3.84	43	1724085	276.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	208984	52.36	ug/l	99
25) 2-Butanone	4.72	43	512483	312.95	ug/l	100
26) 2,2-Dichloropropane	4.59	77	180997	45.69	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	136071	51.94	ug/l	98
28) Bromochloromethane	5.03	49	82223	51.16	ug/l	99
29) Tetrahydrofuran	5.18	42	325277	312.83	ug/l	99
30) Chloroform	5.23	83	222710	52.70	ug/l	96
31) Cyclohexane	5.59	56	184182	48.59	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	205066	50.93	ug/l	99
36) 1,1-Dichloropropene	5.81	75	164110	47.16	ug/l	100
37) Ethyl Acetate	4.88	43	191213	56.29	ug/l	100
38) Carbon Tetrachloride	5.79	117	186387	47.85	ug/l	98

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Quant Time: Apr 13 07:43:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	190030	45.47	ug/l	100
40) Benzene	6.15	78	481596	49.81	ug/l	99
41) Methacrylonitrile	5.07	41	109986	56.04	ug/l	99
42) 1,2-Dichloroethane	6.21	62	181342	50.22	ug/l	100
43) Isopropyl Acetate	6.48	43	316654	54.37	ug/l	100
44) Trichloroethene	7.22	130	145893	48.52	ug/l	99
45) 1,2-Dichloropropane	7.52	63	125530	50.98	ug/l	96
46) Dibromomethane	7.67	93	87749	51.12	ug/l	99
47) Bromodichloromethane	7.91	83	173880	50.19	ug/l	99
48) Methyl methacrylate	7.79	41	163349	54.11	ug/l	99
49) 1,4-Dioxane	7.77	88	70218	1157.38	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1040047	304.00	ug/l	98
52) Toluene	8.79	92	318214	49.61	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	204730	49.27	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	199003	49.18	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	130804	51.37	ug/l	99
56) Ethyl methacrylate	9.19	69	209160	53.24	ug/l	98
57) 1,3-Dichloropropane	9.38	76	212694	52.53	ug/l	100
59) 2-Hexanone	9.51	43	813387	307.96	ug/l	99
60) Dibromochloromethane	9.59	129	152205	49.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	141362	52.33	ug/l	99
64) Tetrachloroethene	9.34	164	136816	46.90	ug/l	99
65) Chlorobenzene	10.15	112	373637	49.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	142842	50.57	ug/l	98
67) Ethyl Benzene	10.26	91	616158	49.24	ug/l	100
68) m/p-Xylenes	10.37	106	484952	98.19	ug/l	99
69) o-Xylene	10.71	106	237753	49.95	ug/l	100
70) Stvrene	10.72	104	399165	49.74	ug/l	99
71) Bromoform	10.87	173	133685	51.11	ug/l	100
73) Isopropylbenzene	11.02	105	632763	49.22	ug/l	100
74) N-amyl acetate	6.48	43	316654	54.70	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	203669	54.59	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	189472m	54.22	ug/l	
77) Bromobenzene	11.26	156	186164	49.42	ug/l	99
78) n-propylbenzene	11.37	91	709555	48.26	ug/l	100
79) 2-Chlorotoluene	11.43	91	423054	48.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	539937	48.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64469	50.75	ug/l	97
82) 4-Chlorotoluene	11.52	91	507184	48.35	ug/l	100
83) tert-Butylbenzene	11.78	119	562815	49.76	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	552484	48.41	ug/l	100
85) sec-Butylbenzene	11.95	105	646048	48.42	ug/l	100
86) p-Isopropyltoluene	12.07	119	596750	47.96	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	341249	48.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	346368	48.47	ug/l	99
89) n-Butylbenzene	12.40	91	516848	47.06	ug/l	100
90) Hexachloroethane	12.60	117	99573	47.29	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	336832	50.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52647	56.32	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	276648	48.16	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	130726	46.28	ug/l	100
95) Naphthalene	13.84	128	800644	54.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	273603	49.04	ug/l	100

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

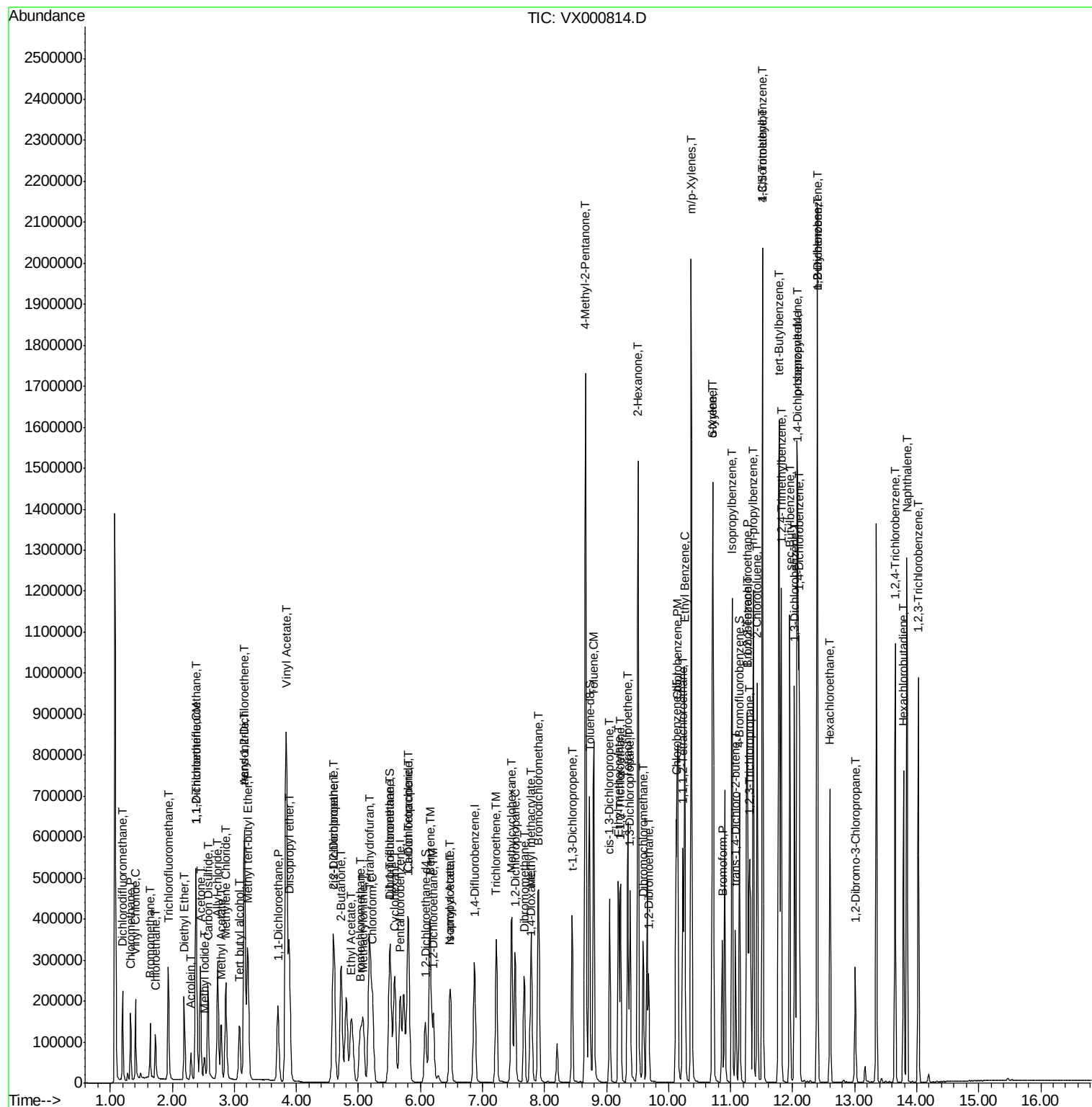
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000814.D
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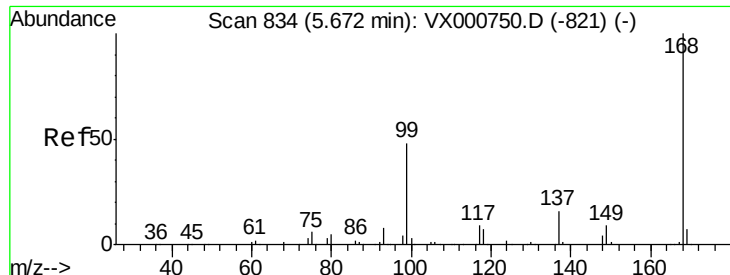
Instrument :
 MSVOA_X
 Client Sampled :
 MW-101MSD

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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tot Ion:168 Resp: 228066

Ion Ratio Lower Upper

168 100

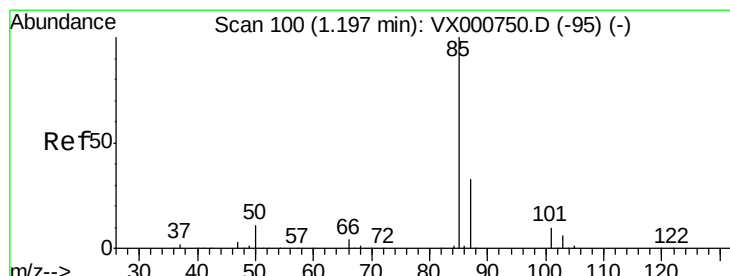
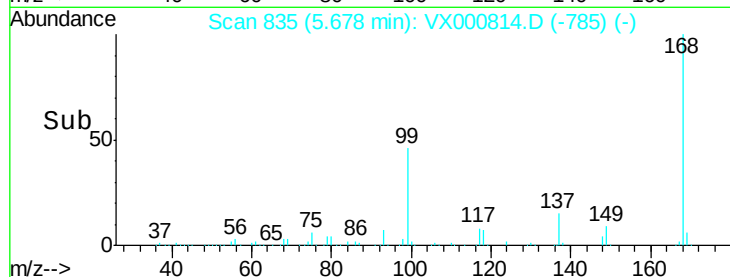
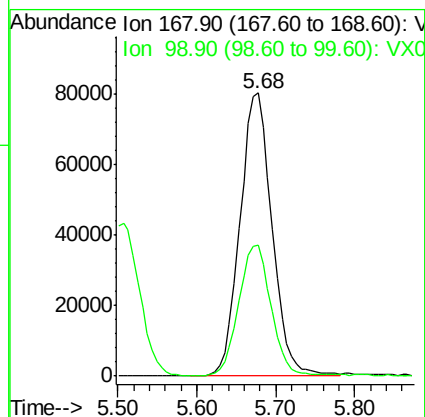
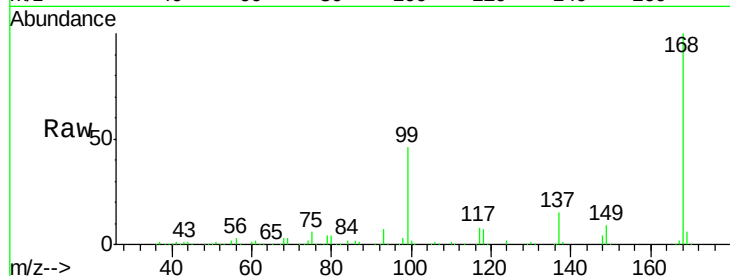
99 45.9 38.3 57.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.25 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000814.D

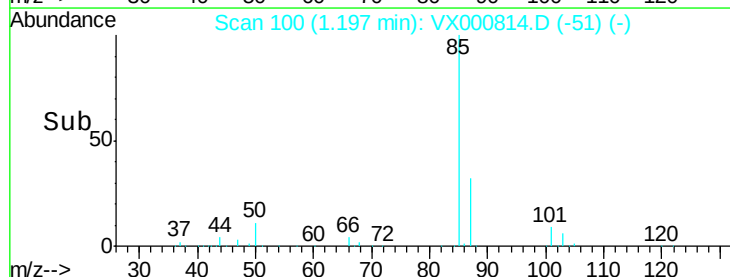
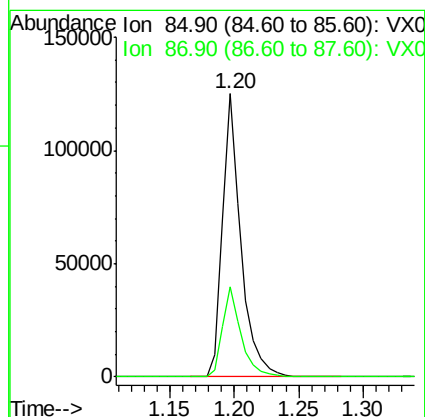
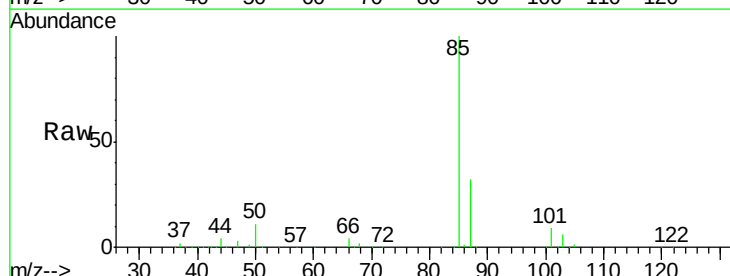
Acq: 12 Apr 2018 20:22

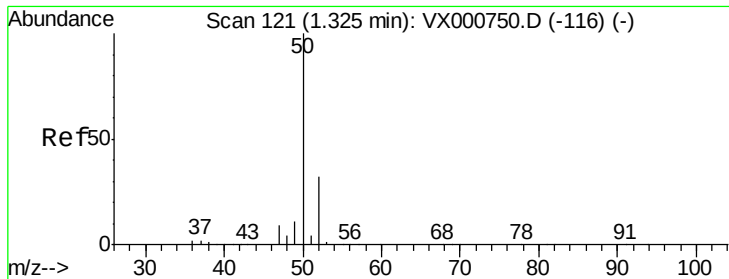
Tgt Ion: 85 Resp: 126789

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.8





#3

Chloromethane

Concen: 46.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

Tot Ion: 50 Resp: 103435

Ion Ratio Lower Upper

50 100

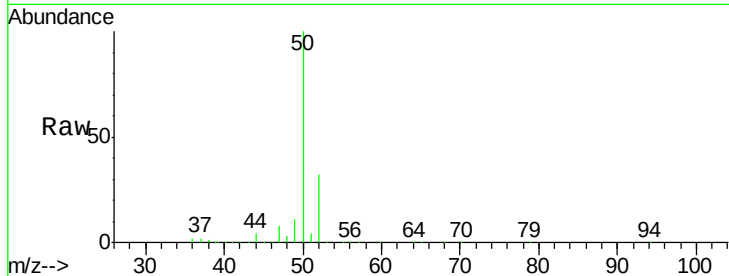
52 32.4 25.8 38.8

Manual Integrations

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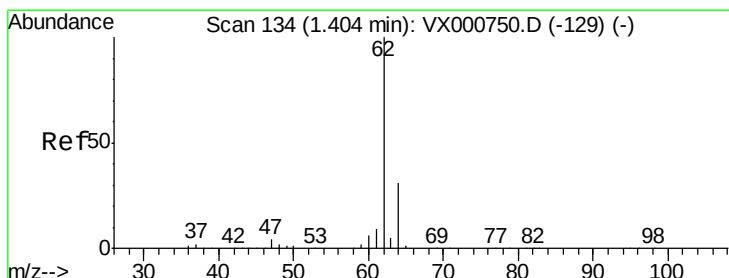
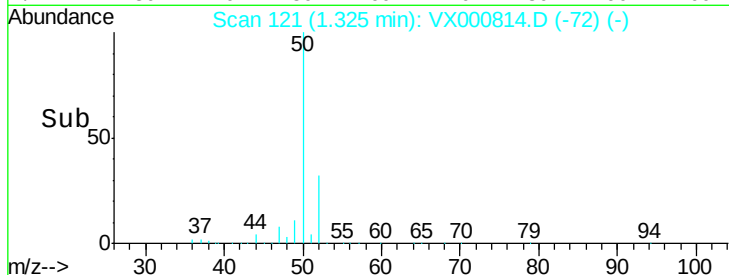
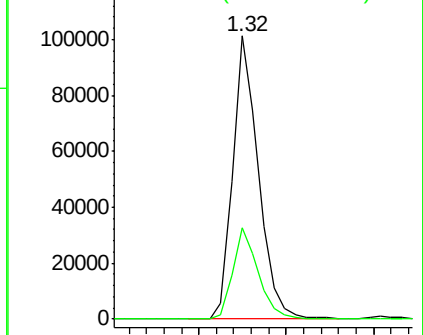
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000814.D

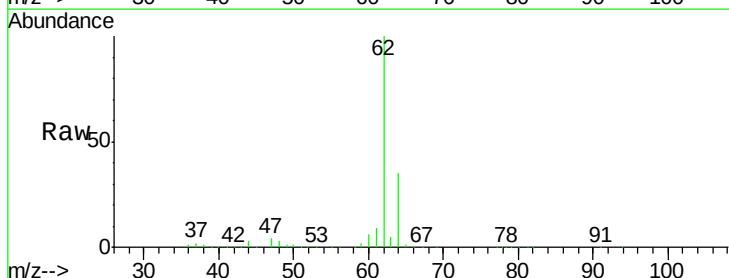
Acq: 12 Apr 2018 20:22

Tgt Ion: 62 Resp: 126452

Ion Ratio Lower Upper

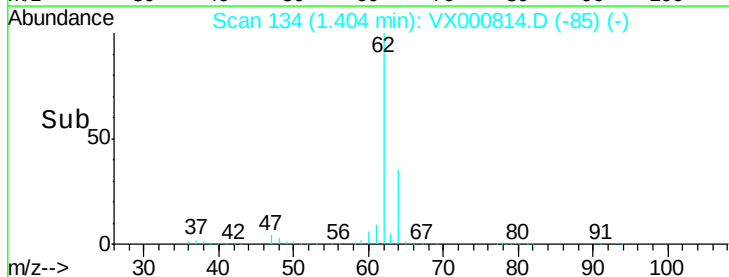
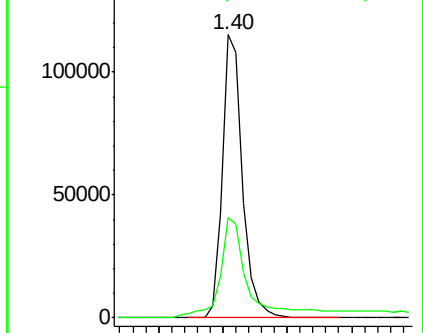
62 100

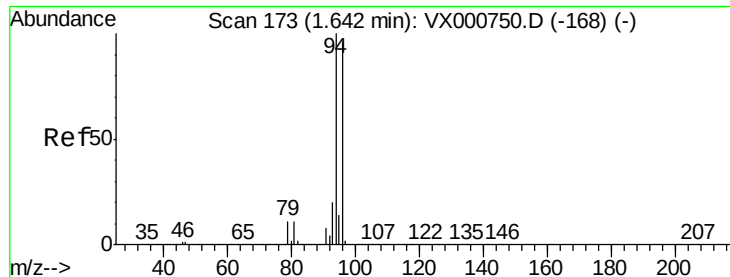
64 33.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.73 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tot Ion: 94 Resp: 57105

Ion Ratio Lower Upper

94 100

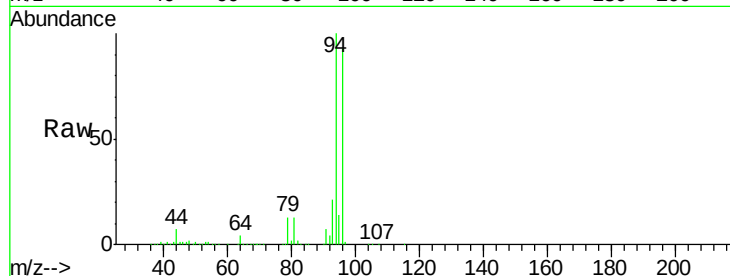
96 92.7 77.0 115.6

Manual Integrations

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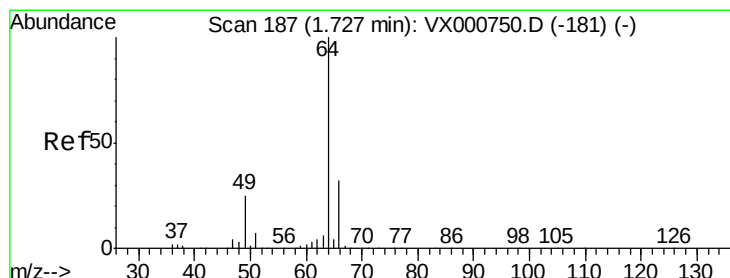
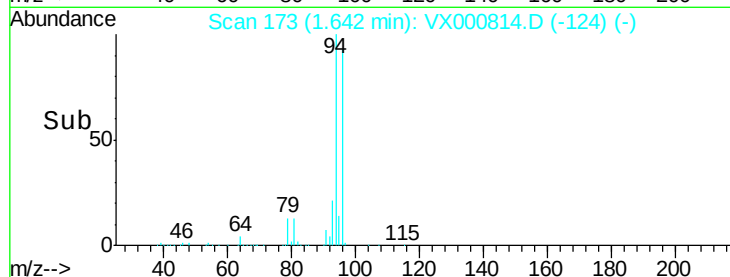
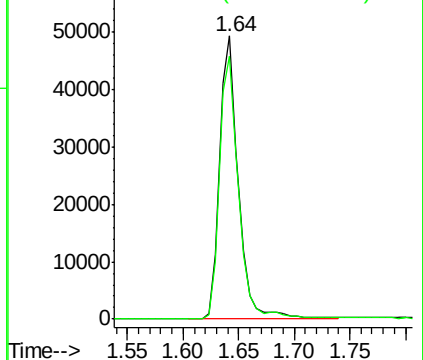
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.60 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000814.D

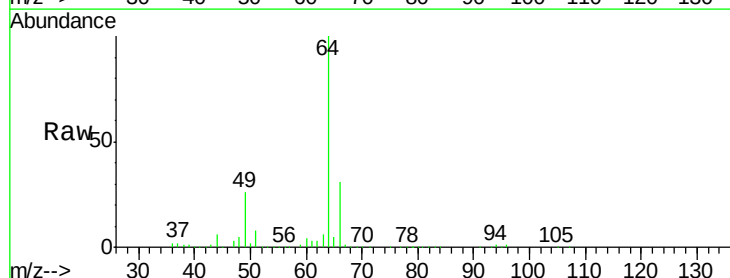
Acq: 12 Apr 2018 20:22

Tgt Ion: 64 Resp: 74640

Ion Ratio Lower Upper

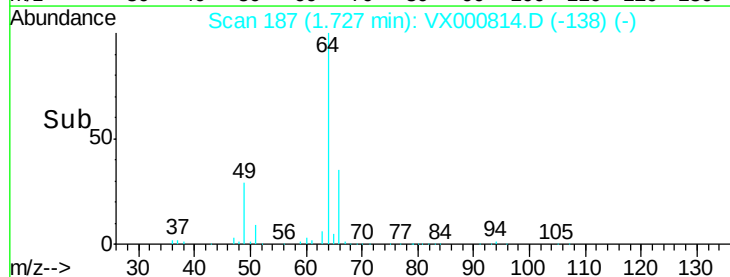
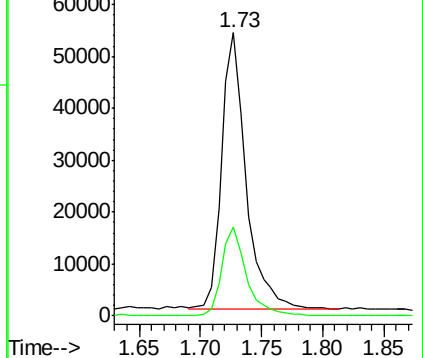
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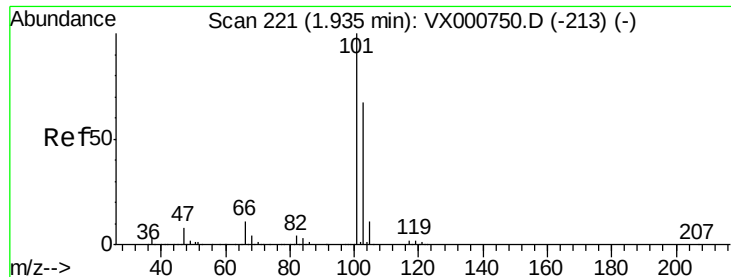
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

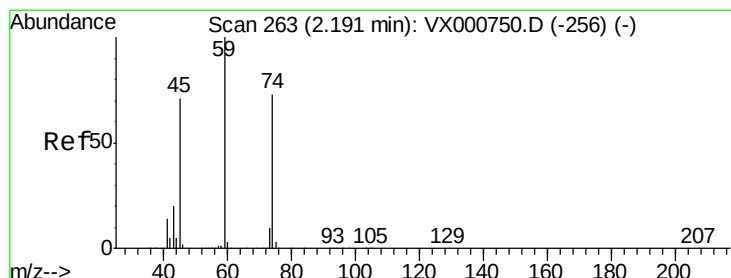
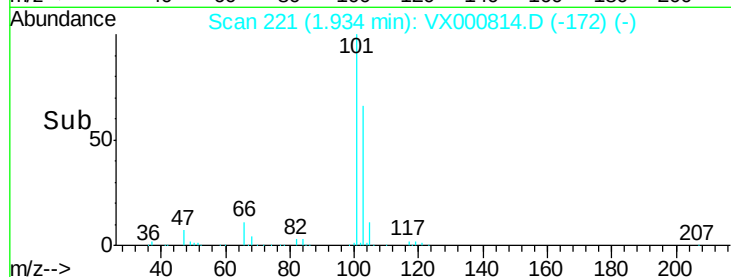
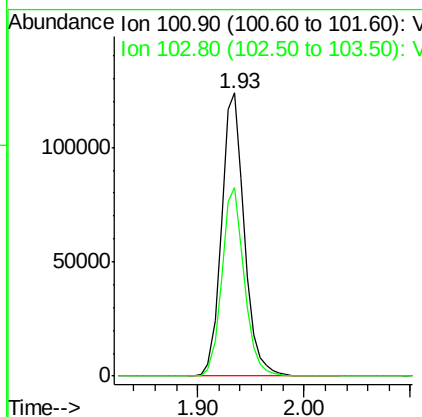
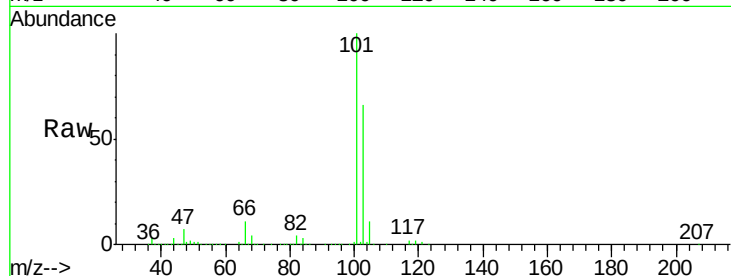
Trichlorofluoromethane
 Concen: 49.18 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	53.2	79.8

Manual Integrations
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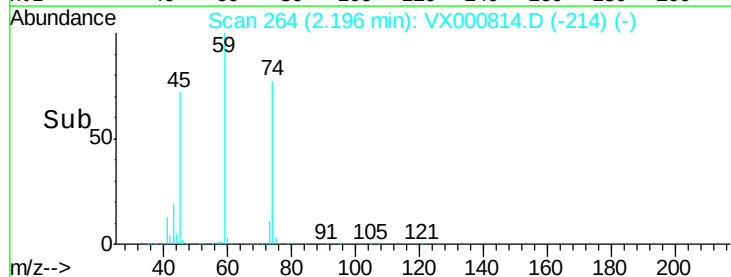
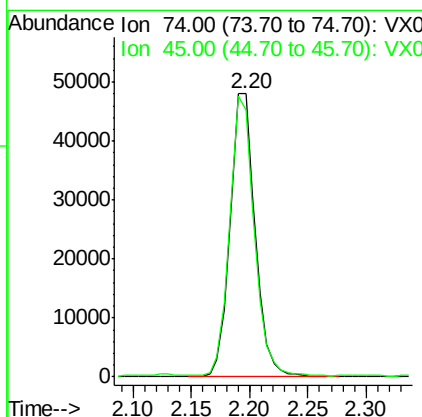
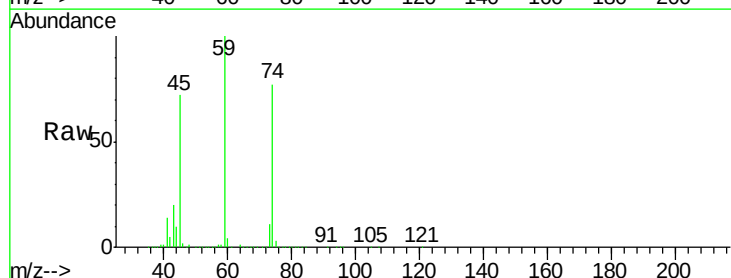
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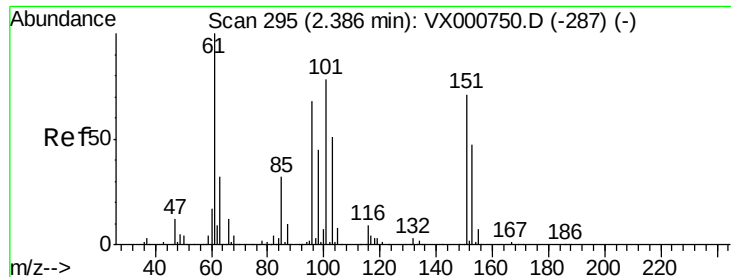


#8

Diethyl Ether
 Concen: 51.65 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.95 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

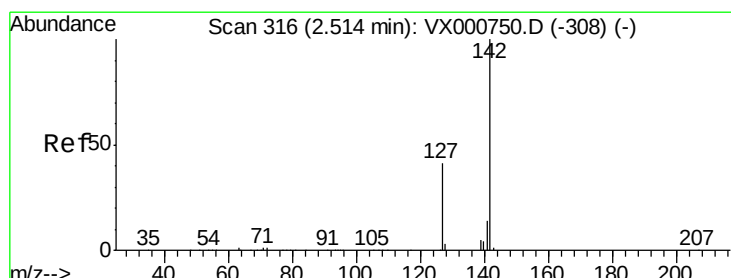
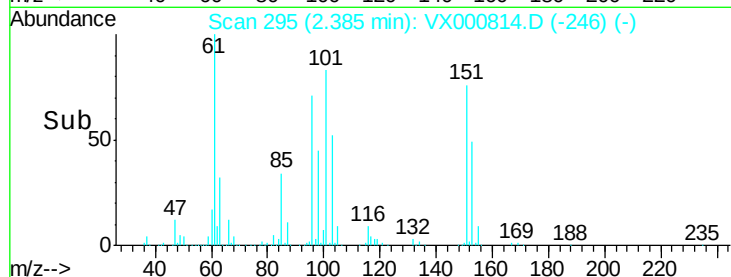
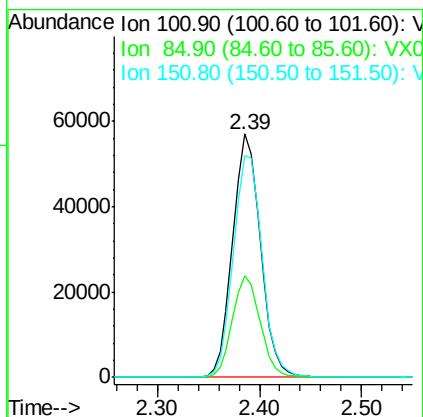
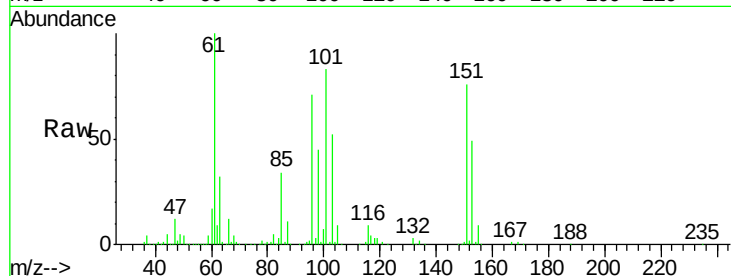
ClientSampleId :

MW-101MSD

Tot Ion:	101	Resp:	108125
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.0	51.0
151	94.0	75.8	113.8

Manual Integrations
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#10

Methyl Iodide

Concen: 36.80 ug/l

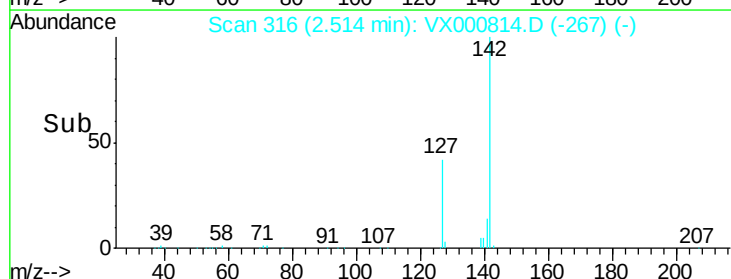
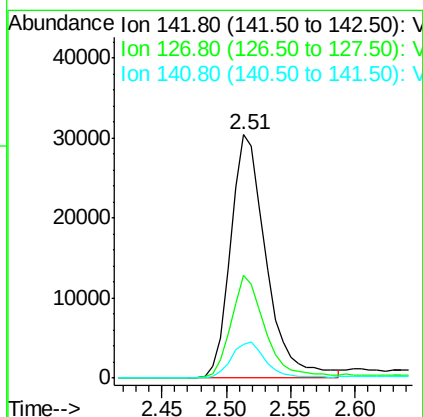
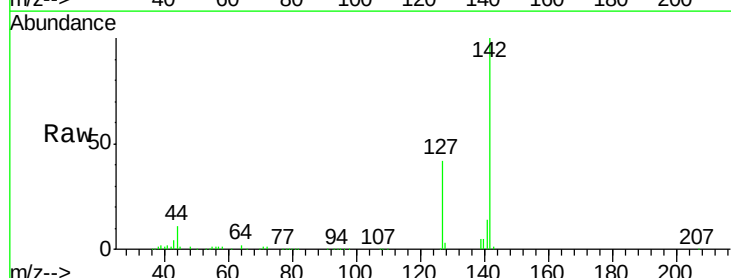
RT: 2.51 min Scan# 316

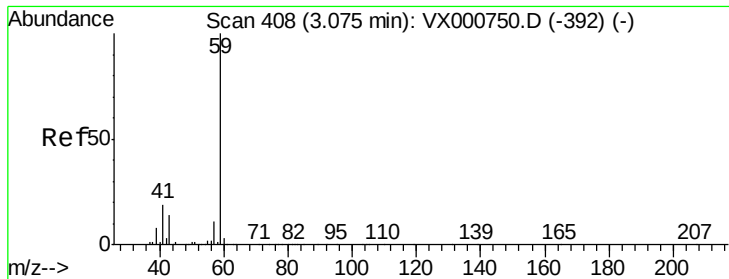
Delta R.T. 0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Tgt Ion:	142	Resp:	58785
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.6	49.0
141	14.6	11.5	17.3





#11

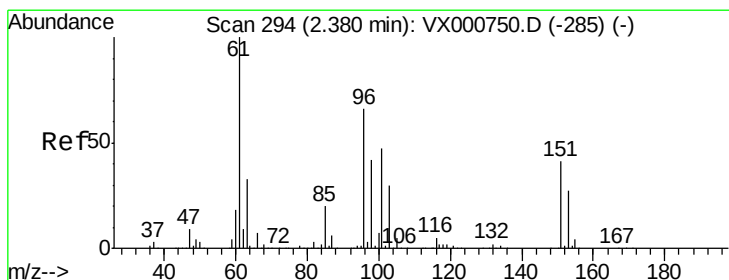
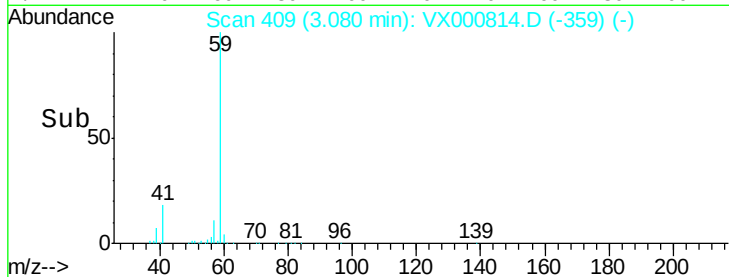
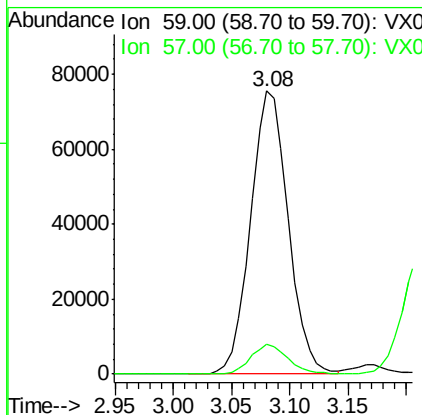
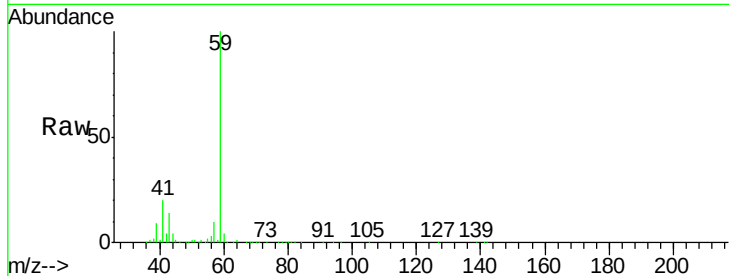
Tert butyl alcohol
 Concen: 334.18 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Tot Ion	59	57	Ratio	100	10.1	Resp	170618	Lower	8.4	Upper	12.6
Ion	59	57	Ratio	100	10.1	Resp	170618	Lower	8.4	Upper	12.6

Manual Integrations
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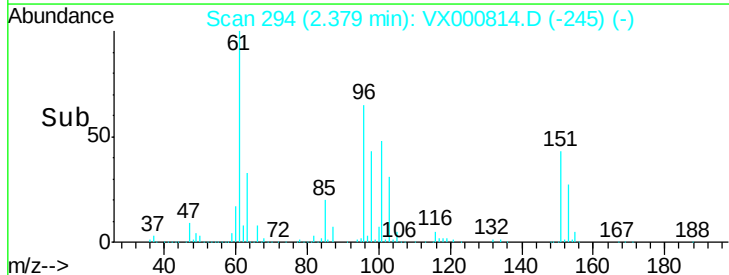
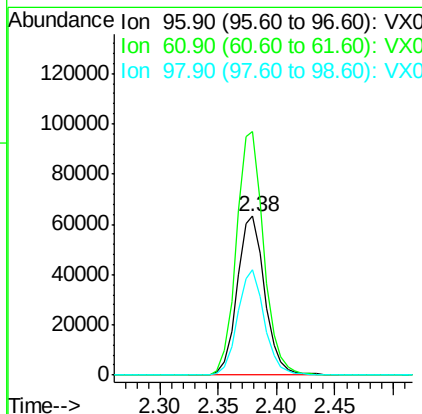
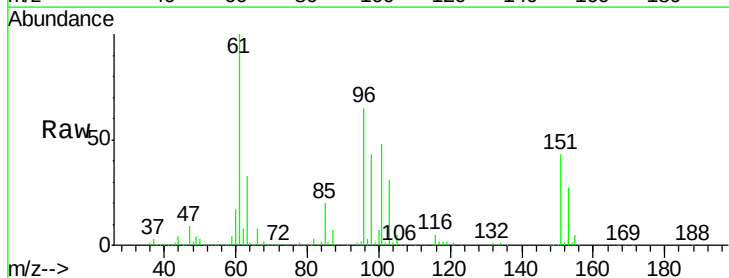
apatel
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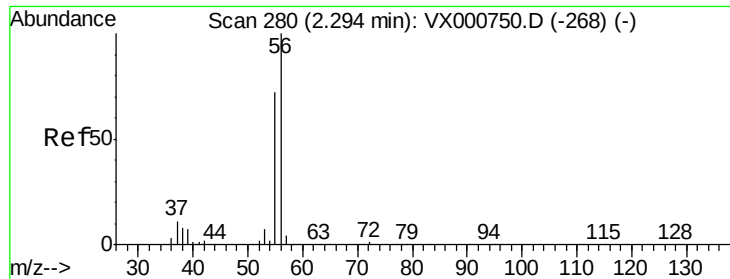


#12

1,1-Dichloroethene
 Concen: 49.63 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	96	61	98	Ratio	100	153.5	66.5	Resp	103883	Lower	120.5	50.9	Upper	180.7	76.3
Ion	96	61	98	Ratio	100	153.5	66.5	Resp	103883	Lower	120.5	50.9	Upper	180.7	76.3





#13

Acrolein

Concen: 194.71 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tot Ion: 56 Resp: 48276

Ion Ratio Lower Upper

56 100

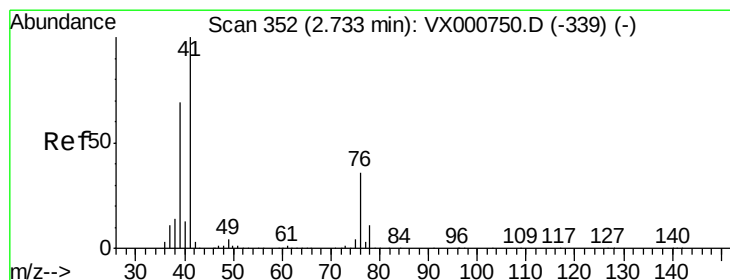
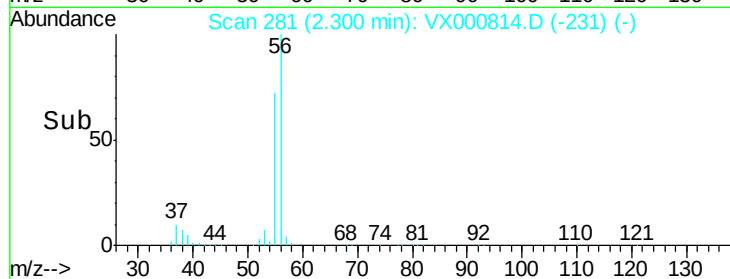
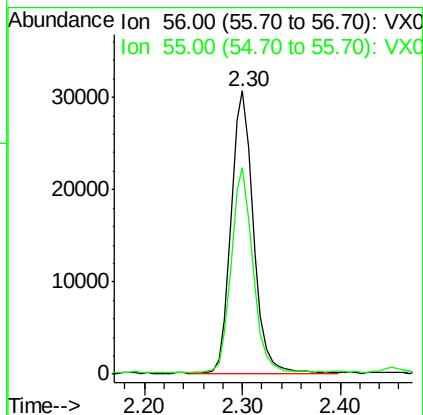
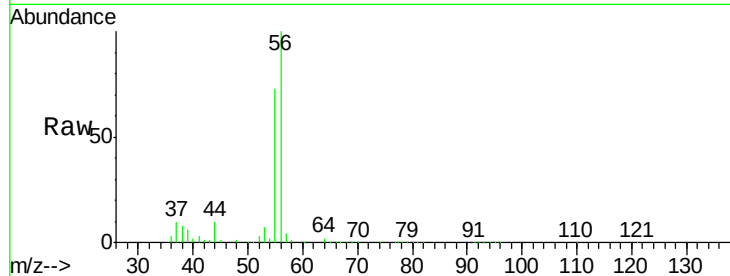
55 70.3 58.7 88.1

Manual Integrations

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#14

Allyl chloride

Concen: 50.77 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

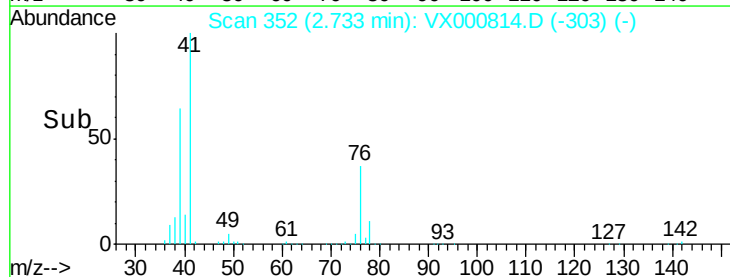
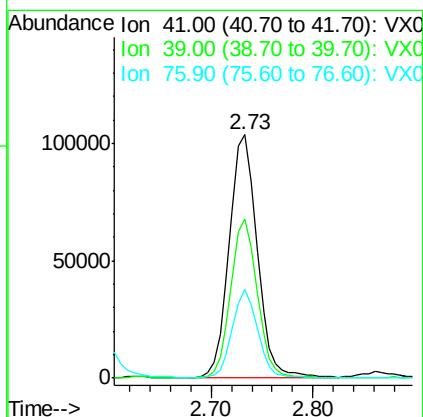
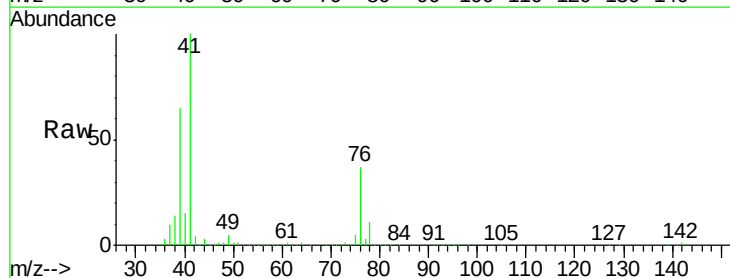
Tgt Ion: 41 Resp: 196523

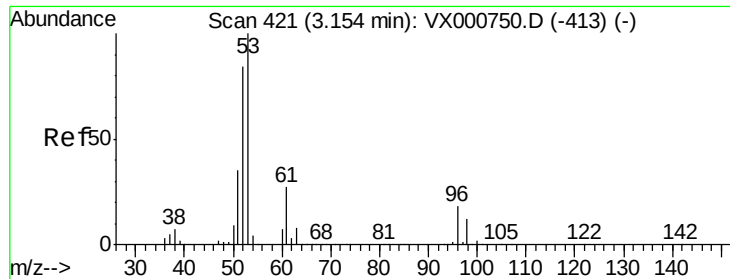
Ion Ratio Lower Upper

41 100

39 61.5 51.5 77.3

76 33.2 26.5 39.7





#15

Acrylonitrile

Concen: 307.79 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

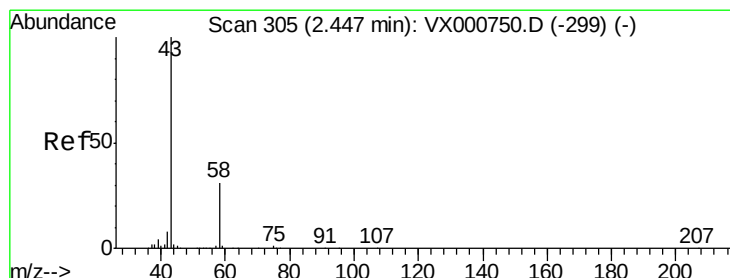
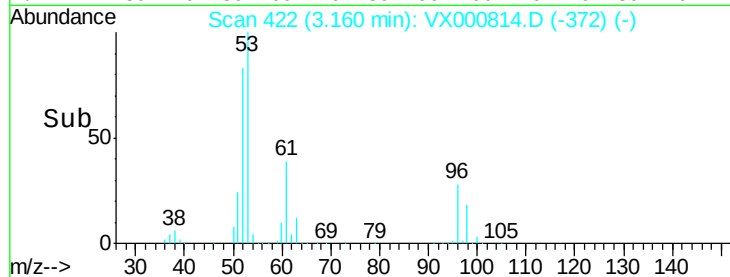
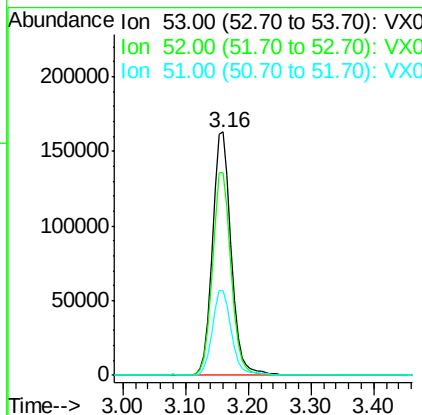
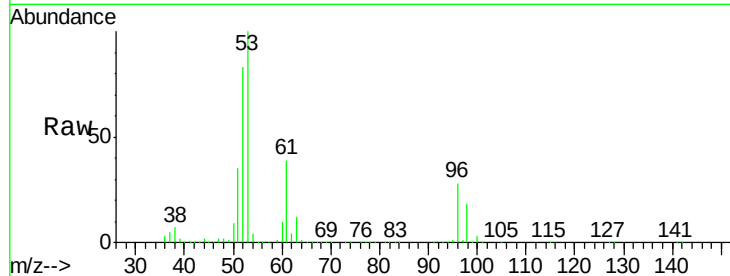
ClientSampleId :

MW-101MSD

Tot Ion:	53	Resp:	335033
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.5	99.7
51	35.7	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 287.80 ug/l

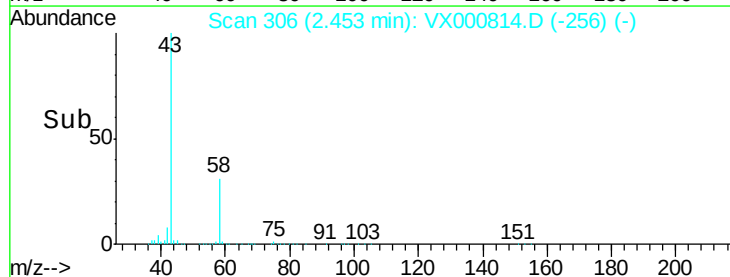
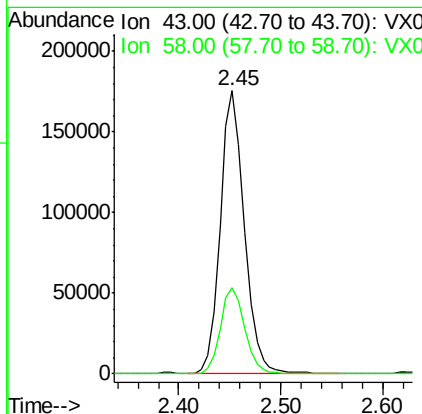
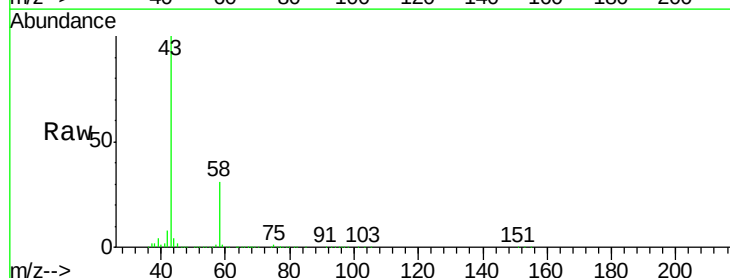
RT: 2.45 min Scan# 306

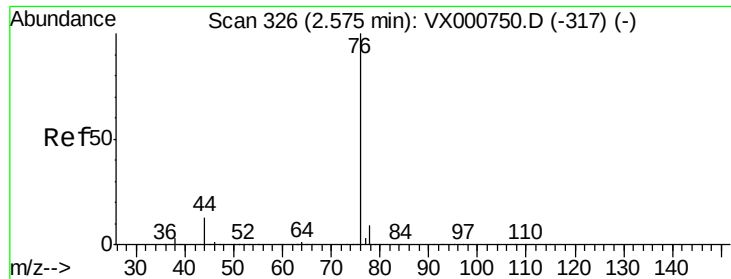
Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Tgt Ion:	43	Resp:	285401
Ion Ratio	Lower	Upper	
43	100		
58	30.6	24.6	37.0





#17

Carbon Disulfide

Concen: 46.56 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

Tot Ion: 76 Resp: 295131

Ion Ratio Lower Upper

76 100

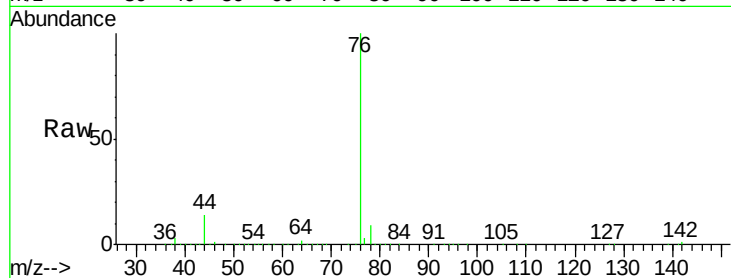
78 9.3 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

50000

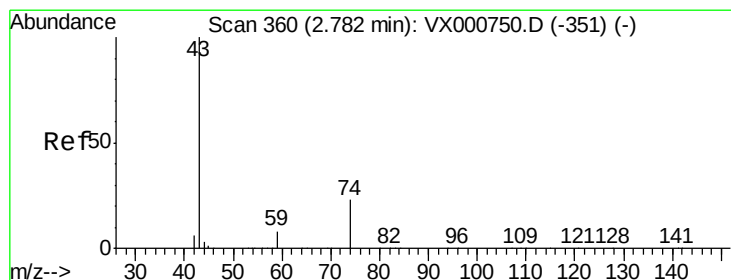
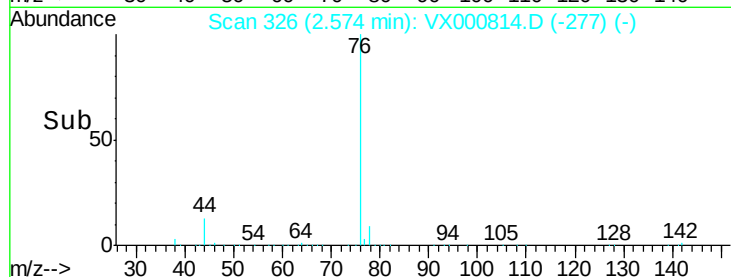
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 62.64 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX000814.D

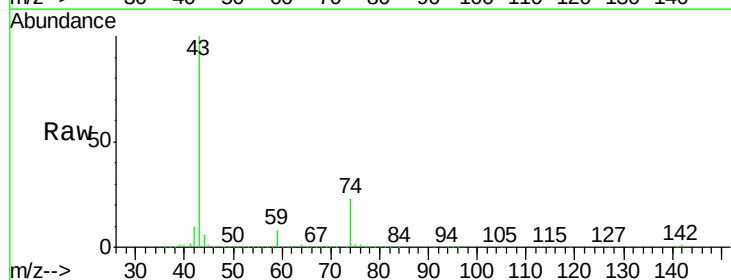
Acq: 12 Apr 2018 20:22

Tgt Ion: 43 Resp: 160760

Ion Ratio Lower Upper

43 100

74 23.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

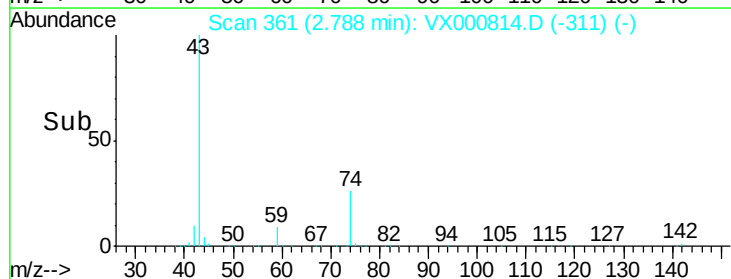
20000

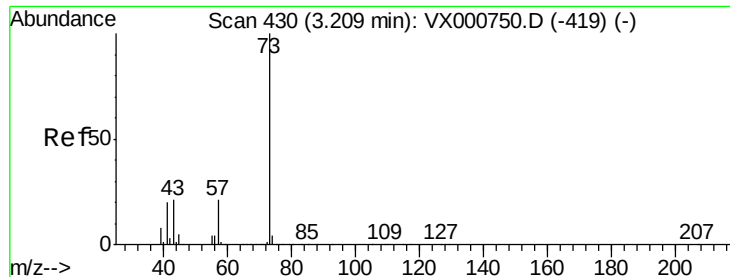
0

Time-->

2.70

2.80





#19

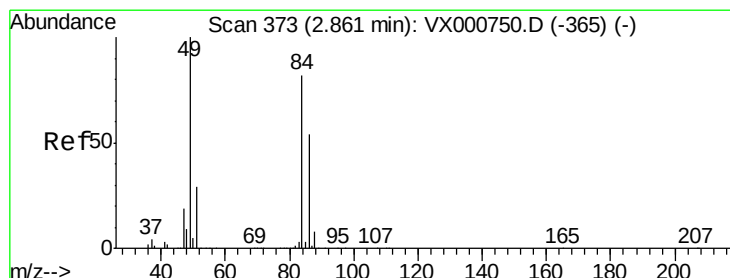
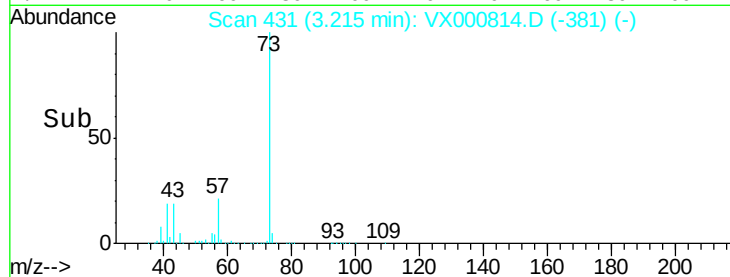
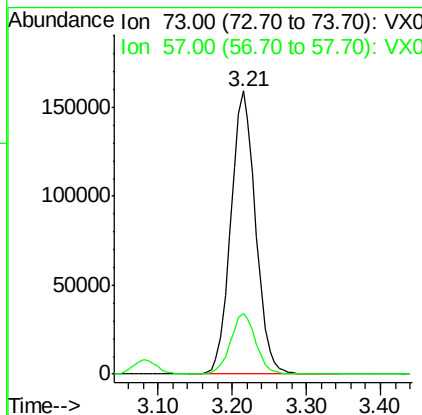
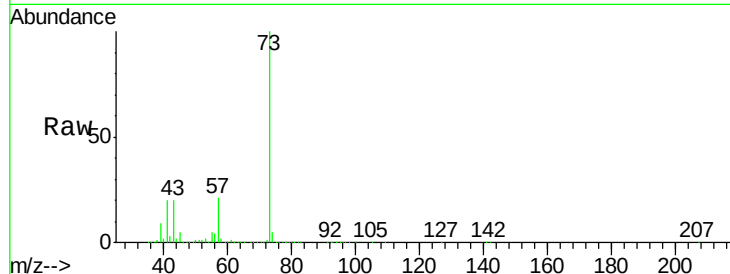
Methyl tert-butyl Ether
 Concen: 53.13 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampled :
 MW-101MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.9	25.3

Manual Integrations
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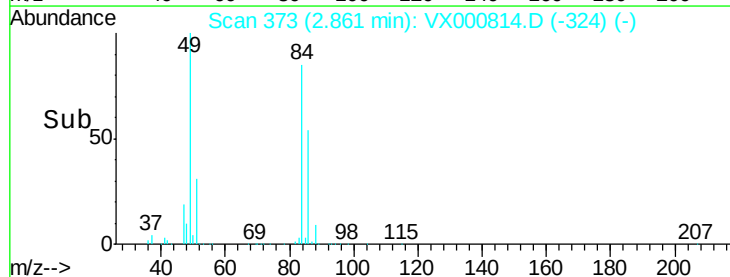
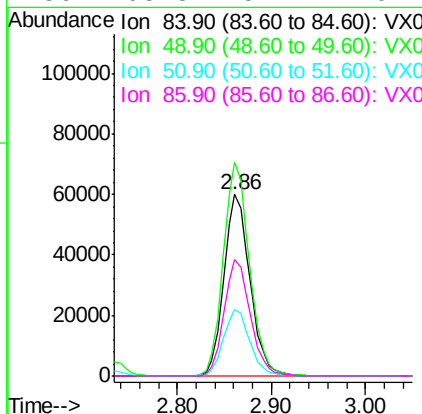
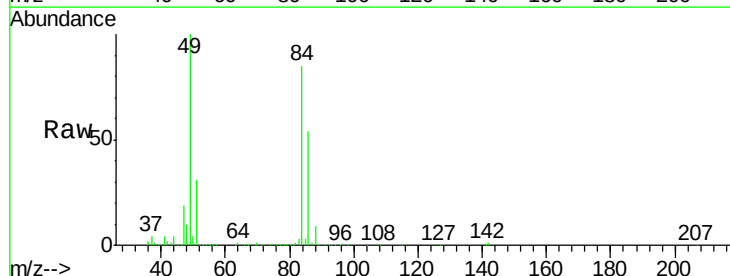
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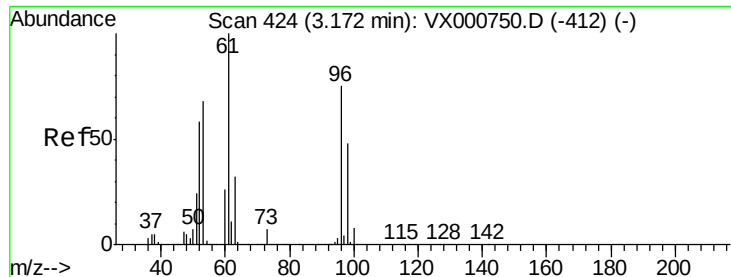


#20

Methylene Chloride
 Concen: 50.00 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	98.1	147.1
51	36.5	28.9	43.3
86	63.8	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 49.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tot Ion: 96 Resp: 113298

Ion Ratio Lower Upper

96 100

61 132.5 106.2 159.2

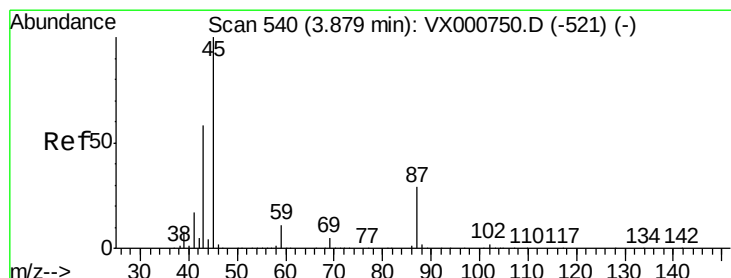
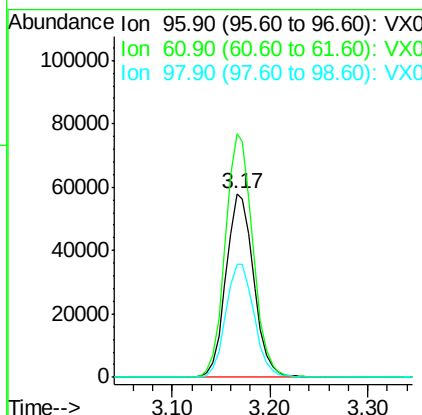
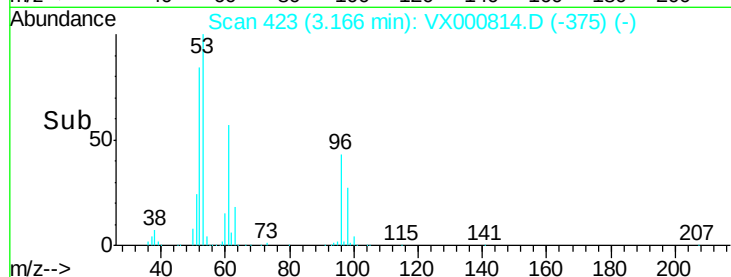
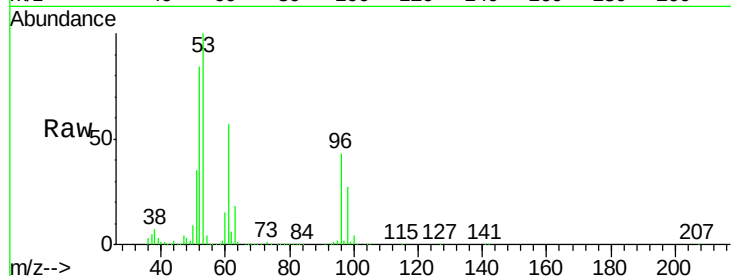
98 61.8 51.2 76.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 53.67 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Tgt Ion: 45 Resp: 381769

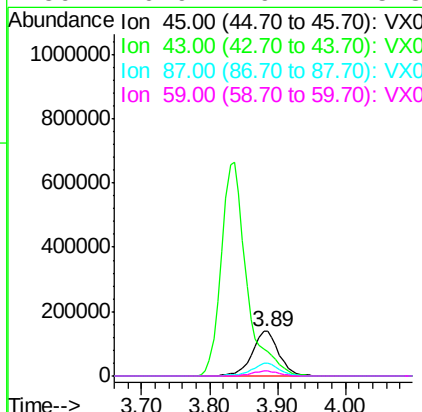
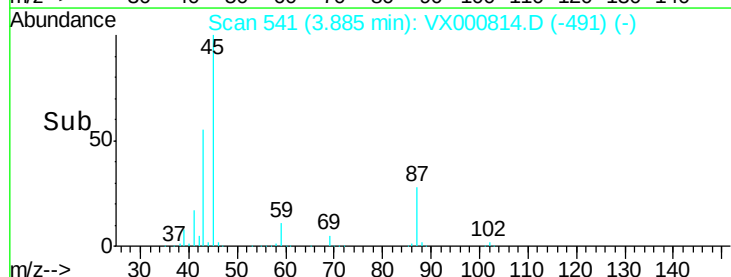
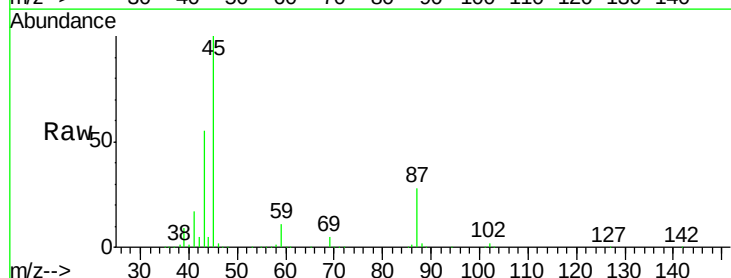
Ion Ratio Lower Upper

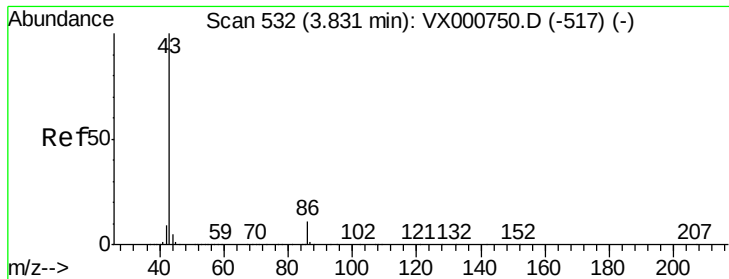
45 100

43 55.1 46.6 69.8

87 27.7 22.9 34.3

59 10.9 9.2 13.8





#23

Vinyl Acetate

Concen: 276.07 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

Tot Ion: 43 Resp: 1724085

Ion Ratio Lower Upper

43 100

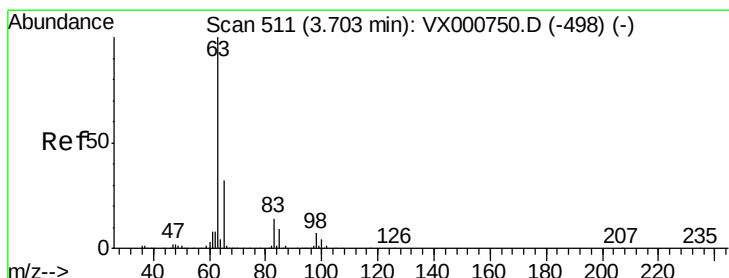
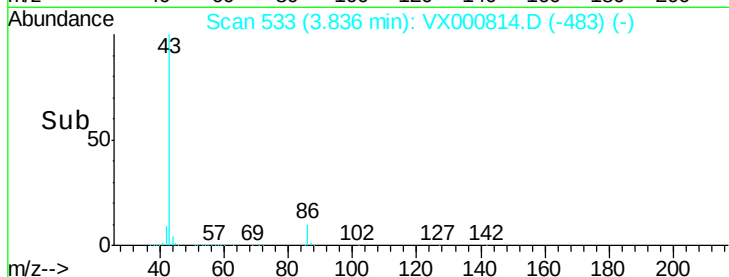
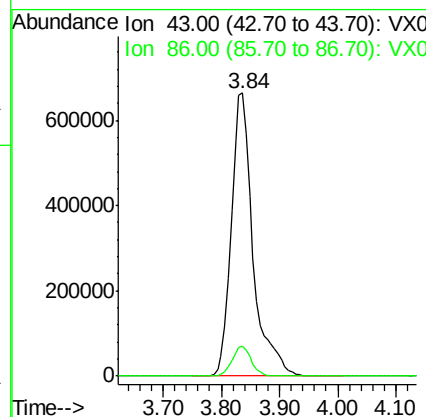
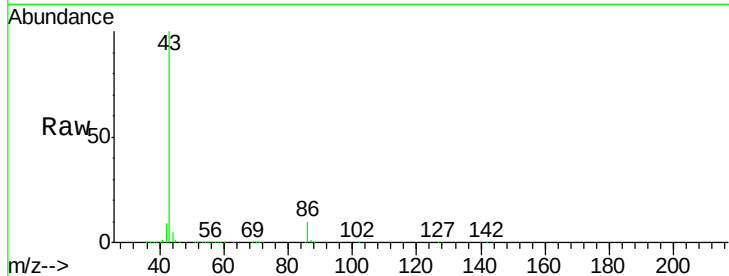
86 10.5 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.36 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

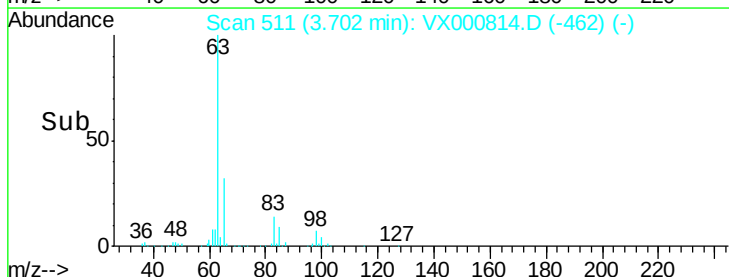
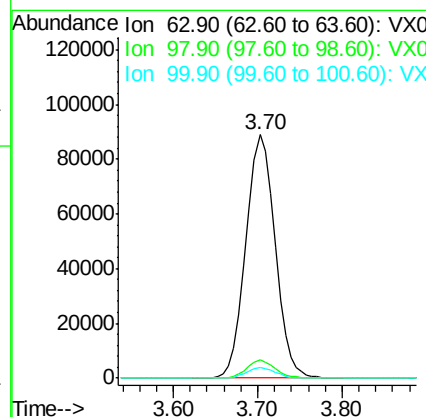
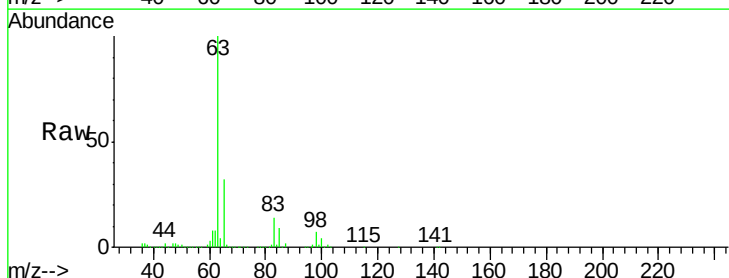
Tgt Ion: 63 Resp: 208984

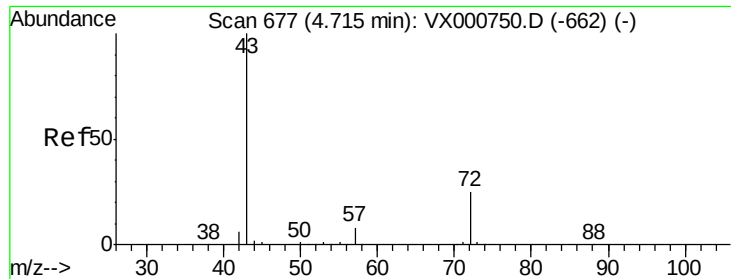
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 312.95 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

Tot Ion: 43 Resp: 512483

Ion Ratio Lower Upper

43 100

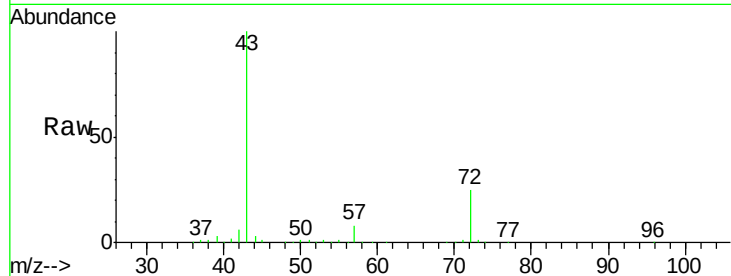
72 25.3 20.3 30.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

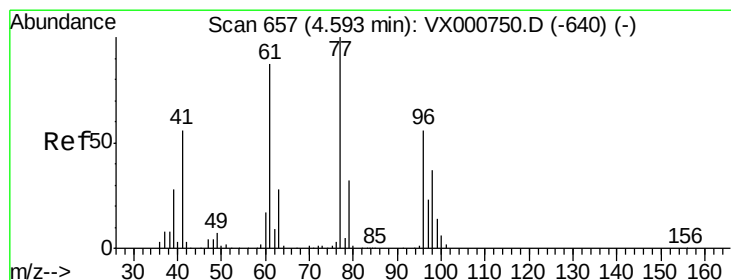
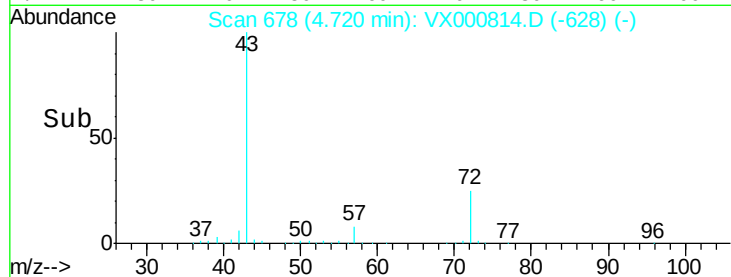
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.69 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000814.D

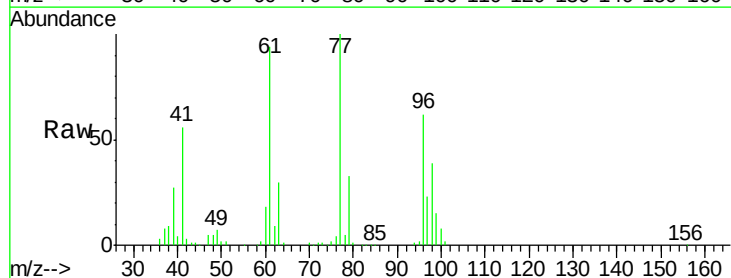
Acq: 12 Apr 2018 20:22

Tgt Ion: 77 Resp: 180997

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

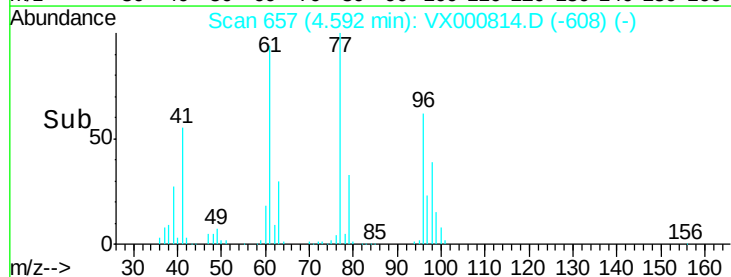
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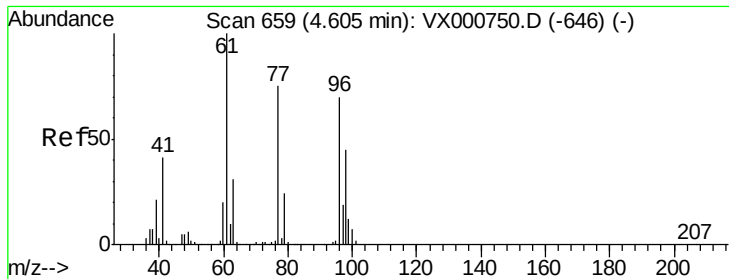
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0

4.40 4.50 4.60 4.70

Time-->





#27

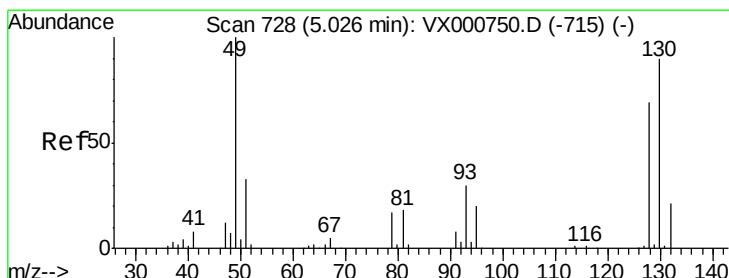
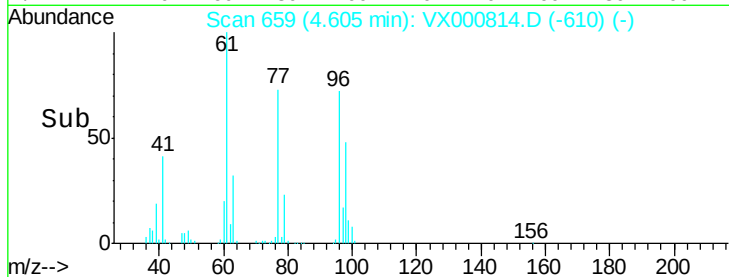
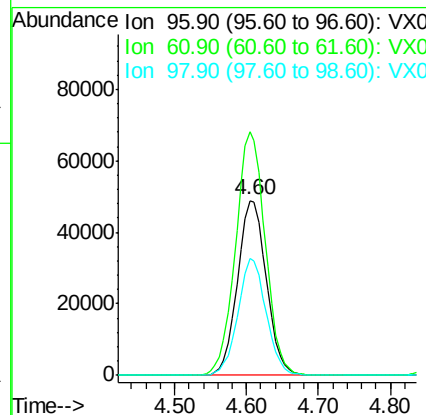
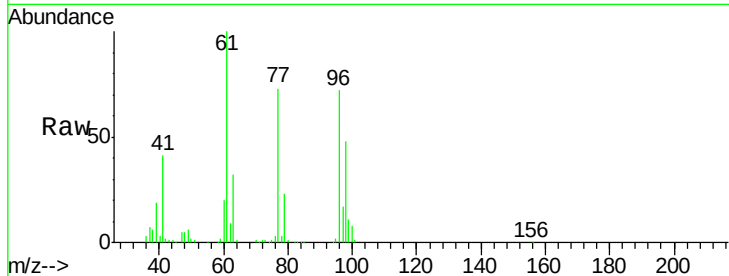
cis-1,2-Dichloroethene
Concen: 51.94 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.9	0.0	292.4	
98	65.1	0.0	130.2	

Manual Integrations
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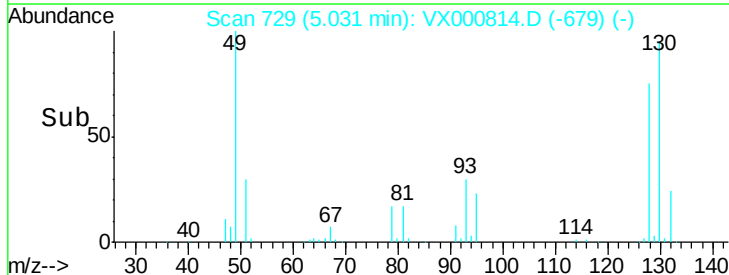
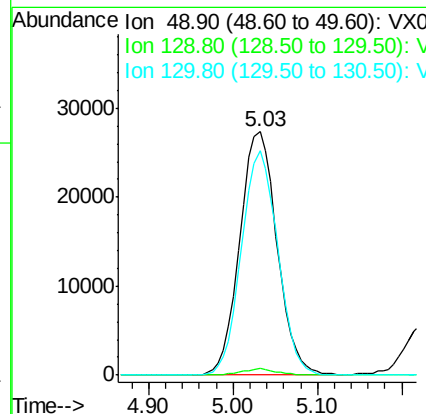
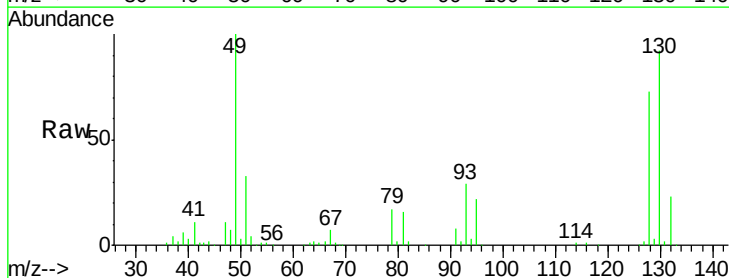
apatel
4/13/2018 2:58:06 PM

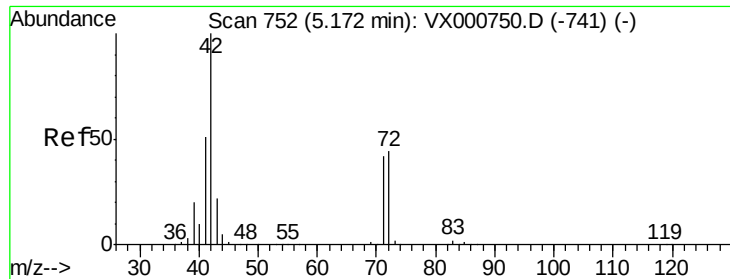


#28

Bromochloromethane
Concen: 51.16 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.2	
130	89.8	72.6	109.0	





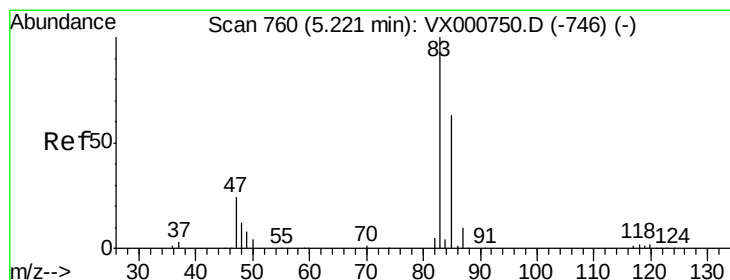
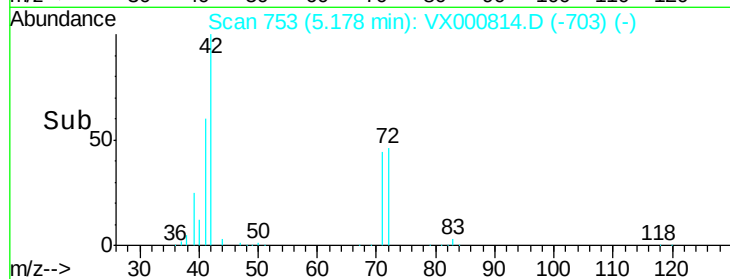
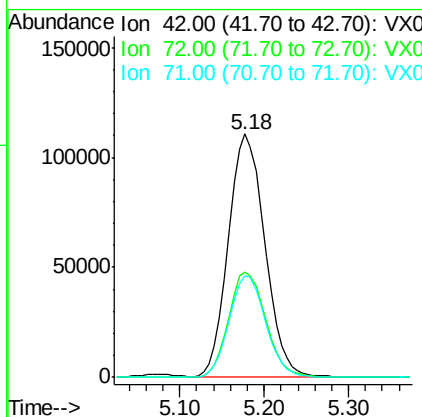
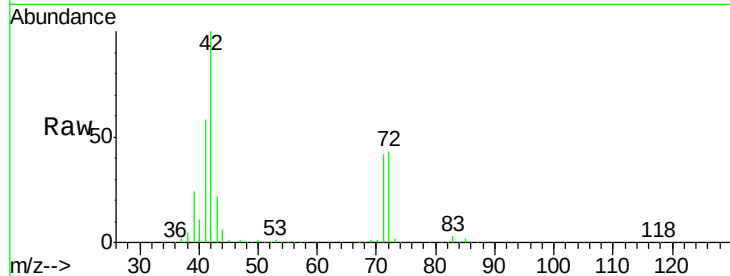
#29
Tetrahydrofuran
Concen: 312.83 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.1	52.7
71	41.8	32.8	49.2

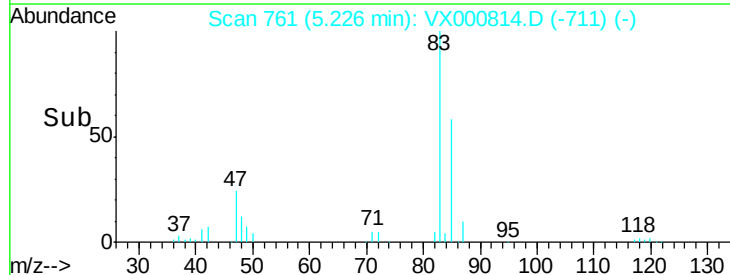
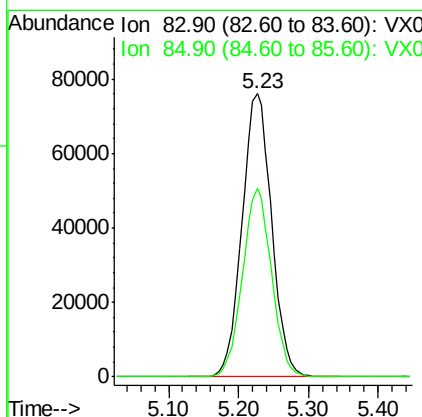
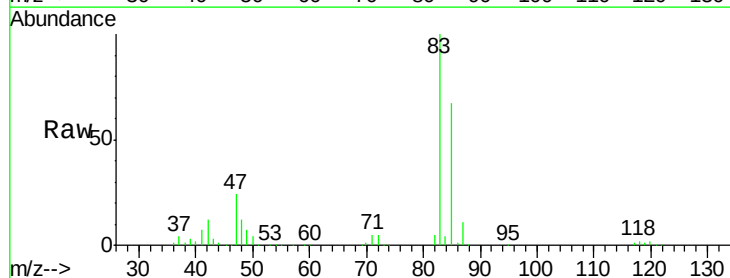
Manual Integrations
APPROVED

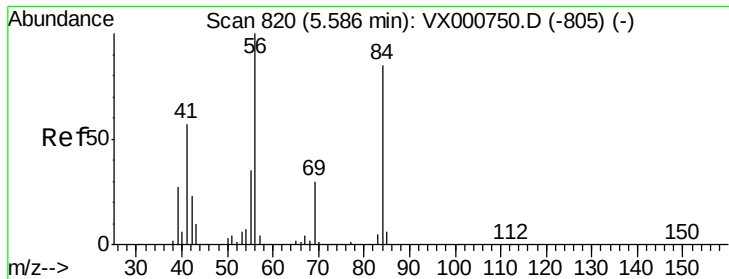
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#30
Chloroform
Concen: 52.70 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.7	76.1





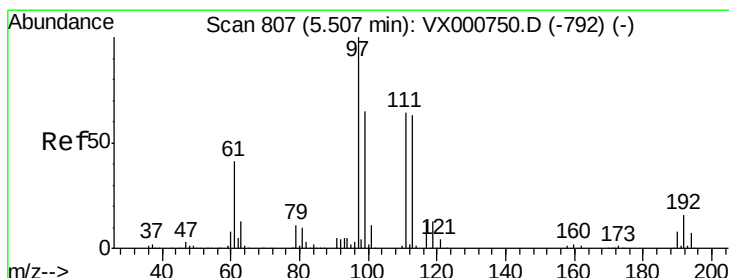
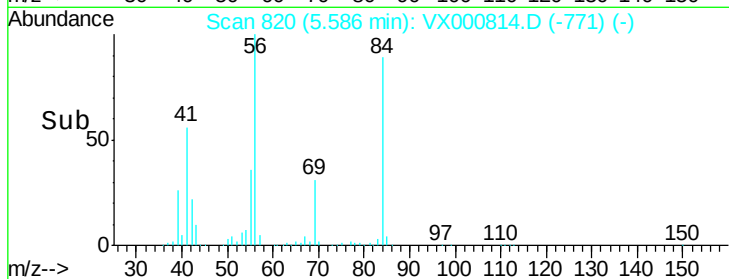
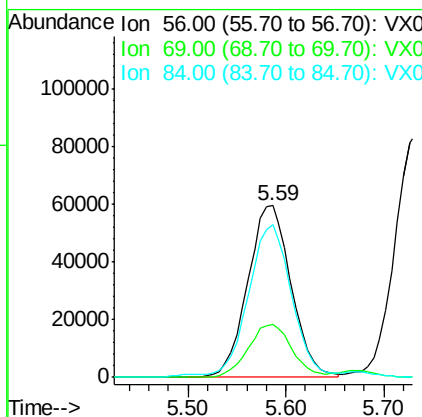
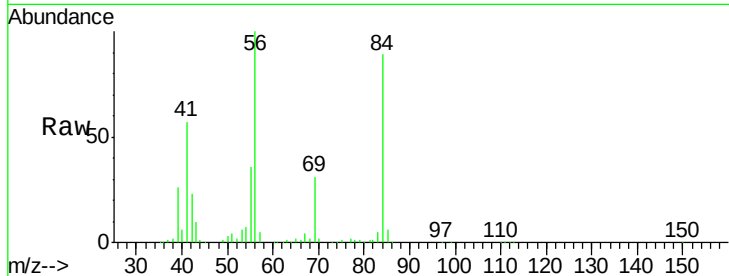
#31
Cyclohexane
Concen: 48.59 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.2	36.4
84	87.3	67.6	101.4

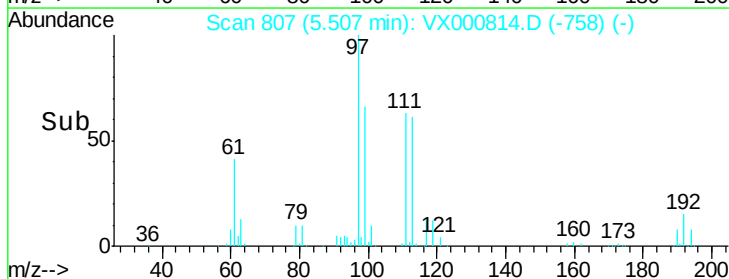
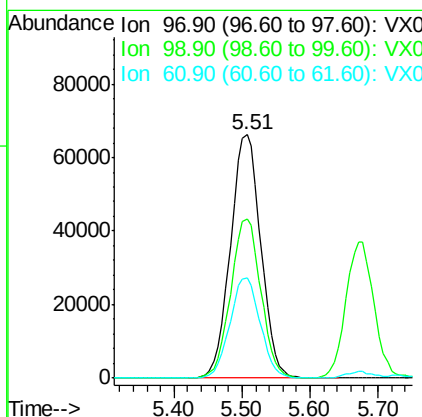
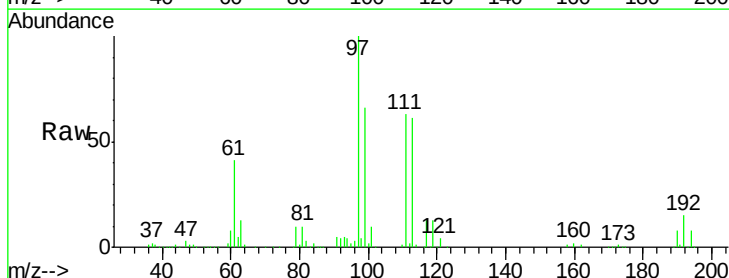
Manual Integrations
APPROVED

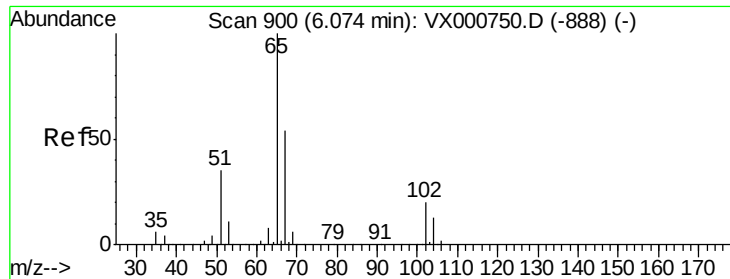
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#32
1,1,1-Trichloroethane
Concen: 50.93 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.0
61	41.3	33.7	50.5





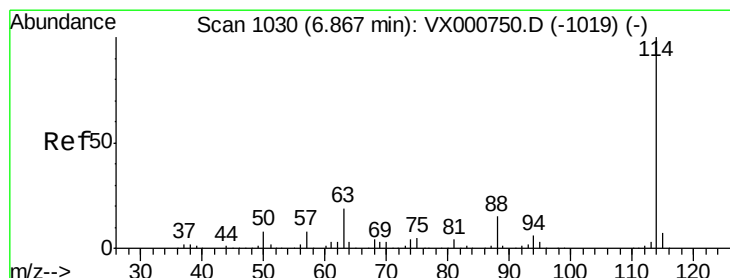
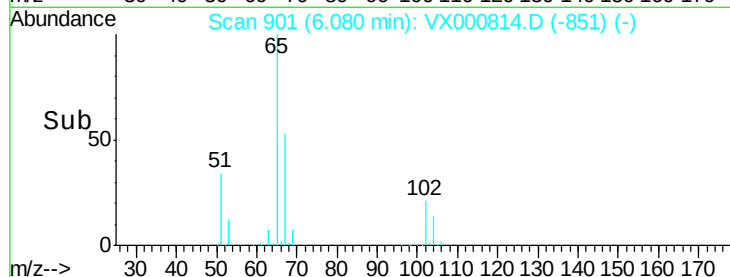
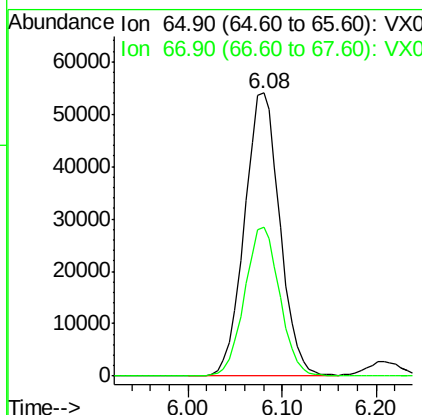
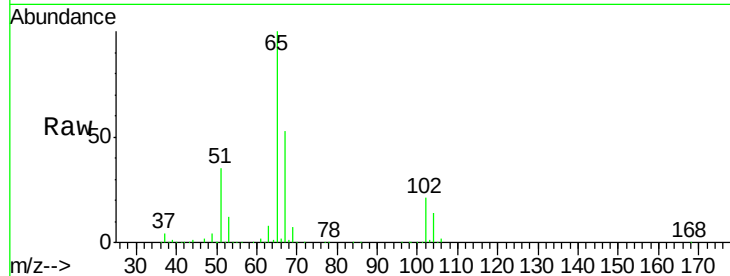
#33
 1,2-Dichloroethane-d4
 Concen: 49.51 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.8

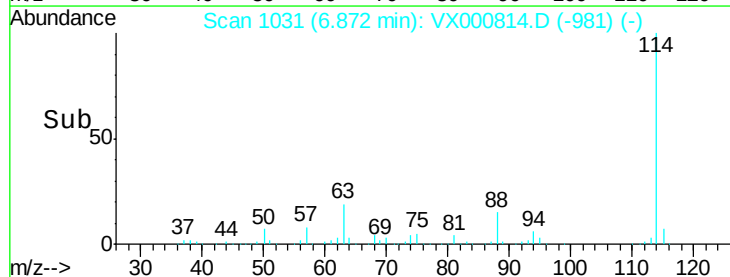
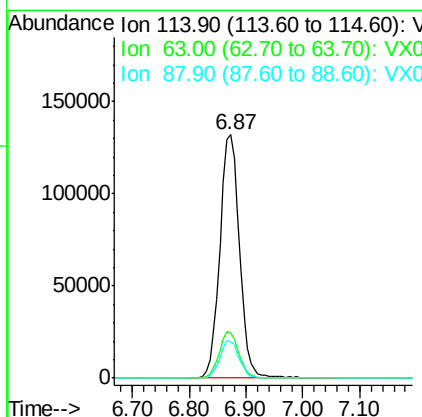
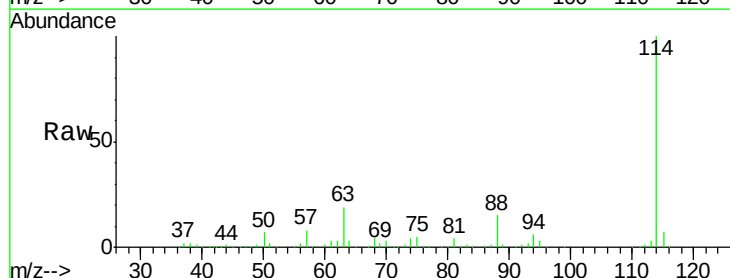
Manual Integrations
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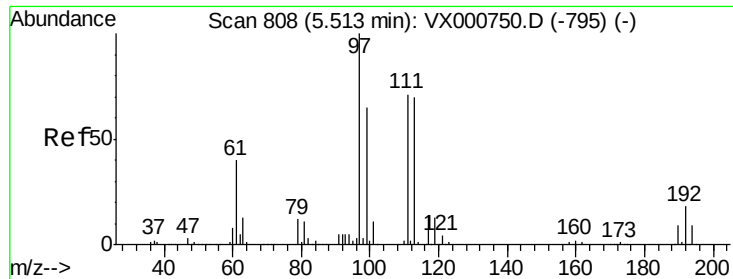
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	15.1	0.0	31.0





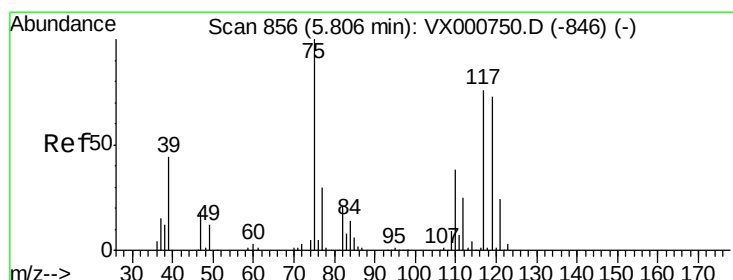
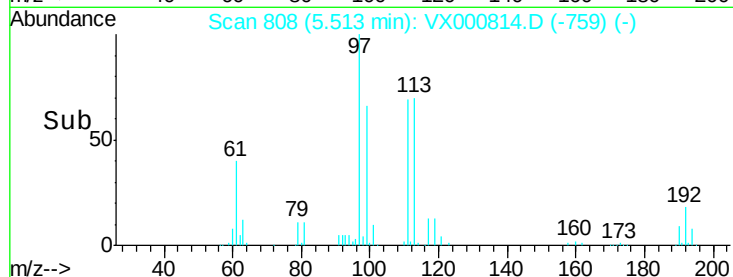
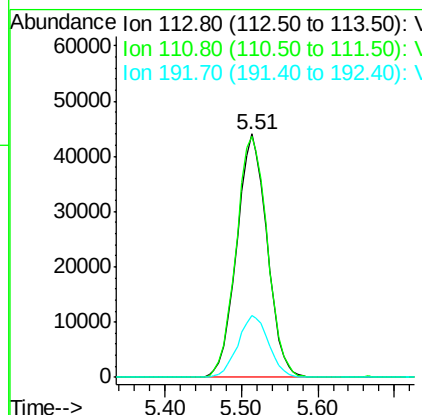
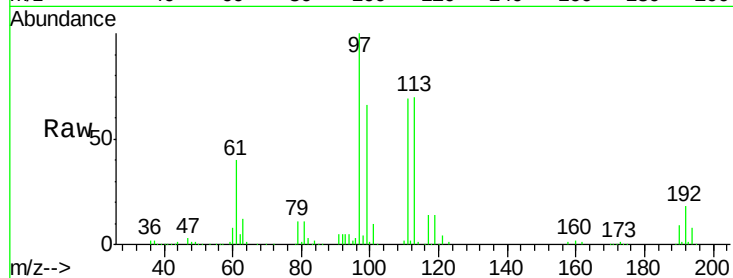
#35
 Dibromofluoromethane
 Concen: 49.74 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121088		
111	102.0	81.5	122.3	
192	25.8	20.4	30.6	

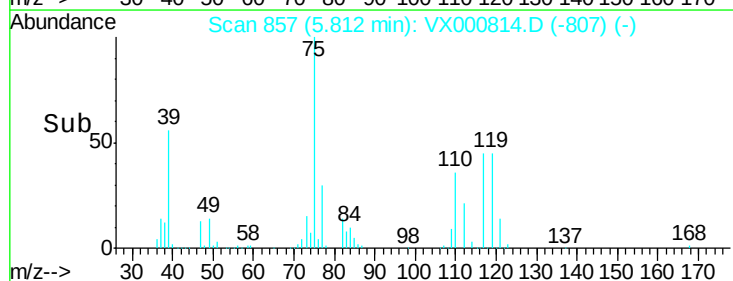
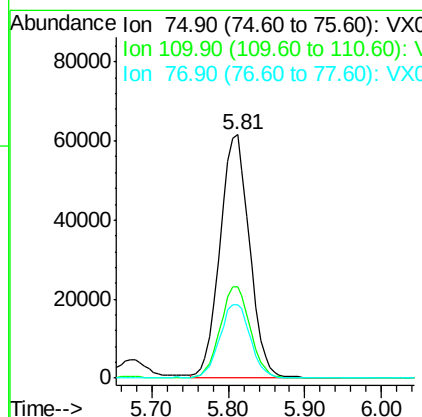
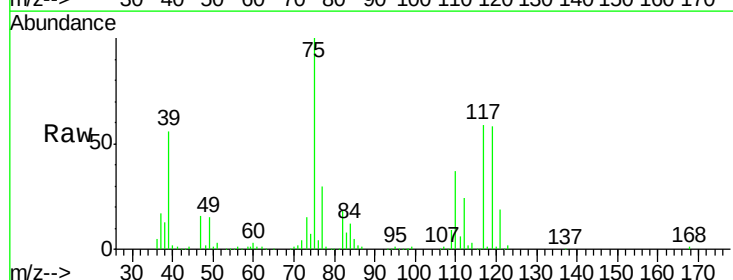
Manual Integrations
 APPROVED

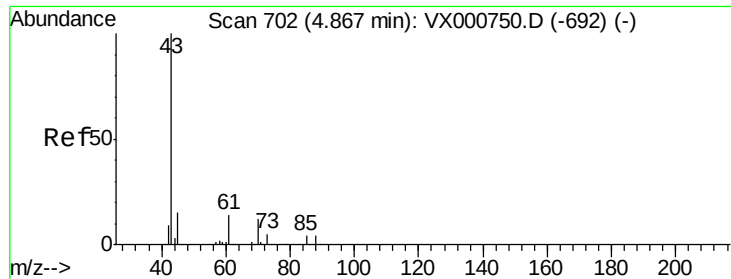
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#36
 1,1-Dichloropropene
 Concen: 47.16 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	164110		
110	38.3	19.2	57.6	
77	31.4	25.4	38.2	





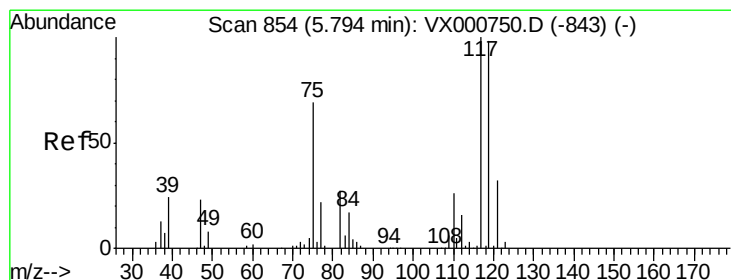
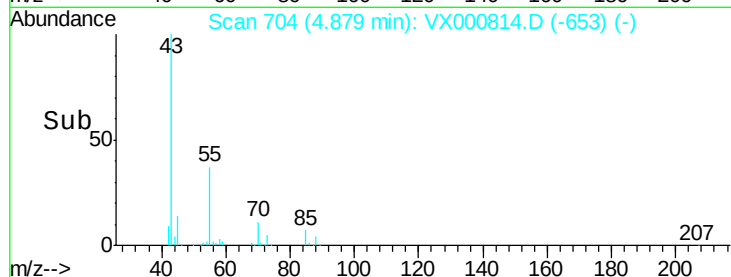
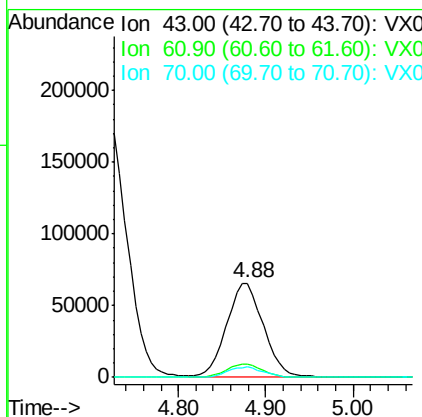
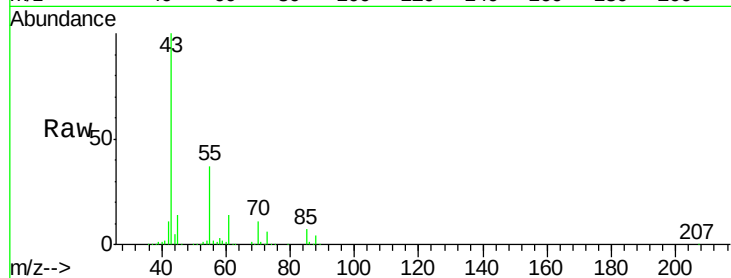
#37
Ethyl Acetate
Concen: 56.29 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	10.9	8.7	13.1

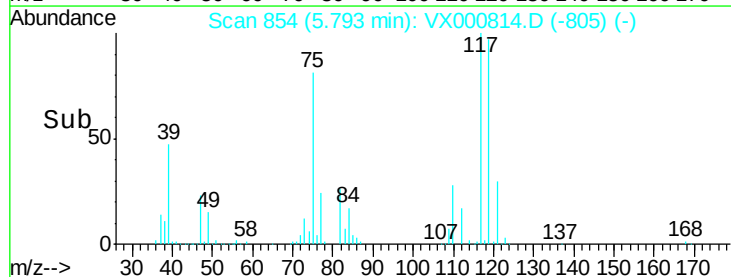
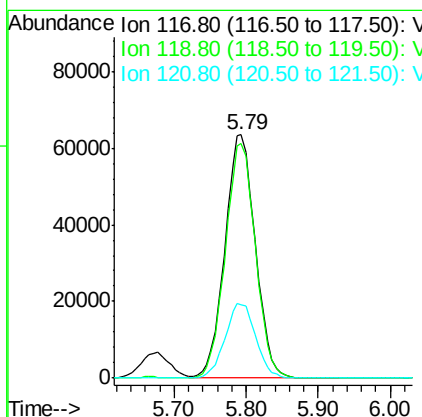
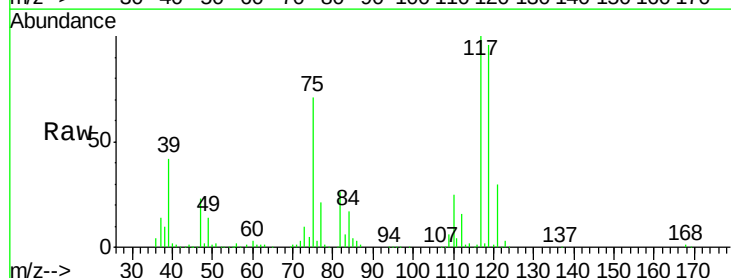
Manual Integrations
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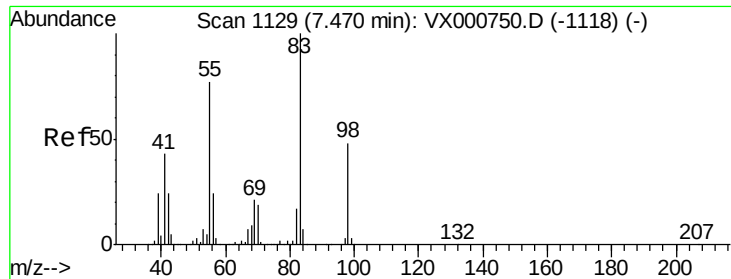
apatel
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#38
Carbon Tetrachloride
Concen: 47.85 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.4	117.6
121	30.4	25.4	38.0





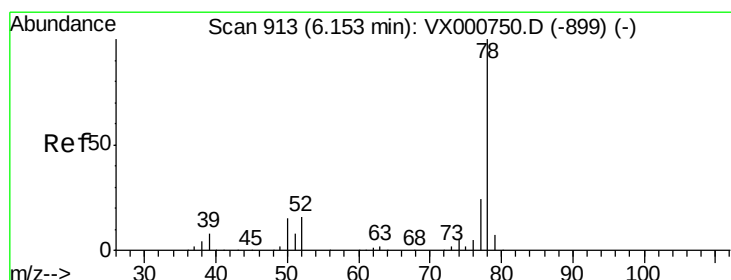
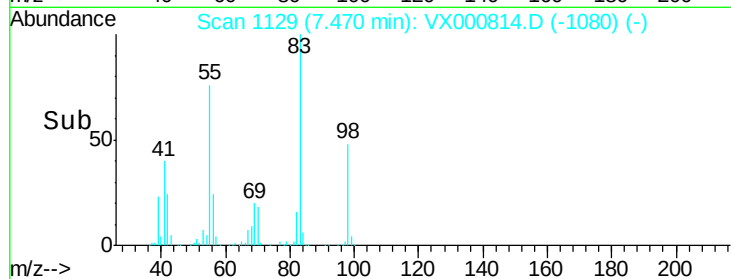
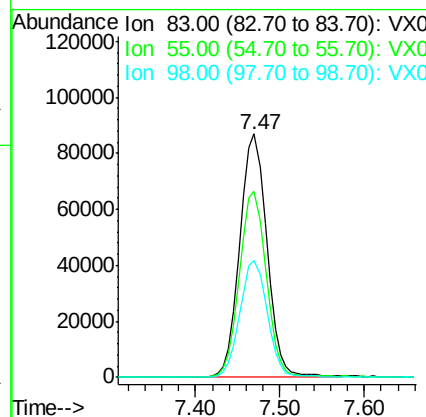
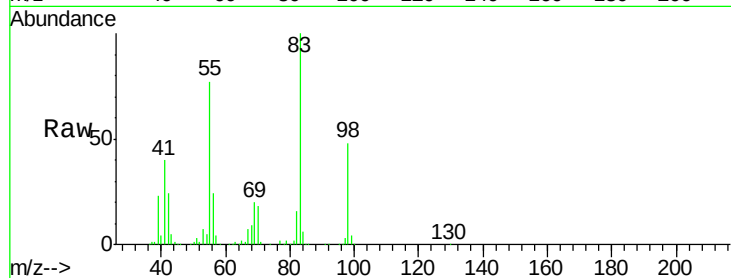
#39
Methylvlcyclohexane
Concen: 45.47 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	190030		
55	76.5		61.5	92.3
98	47.8		38.1	57.1

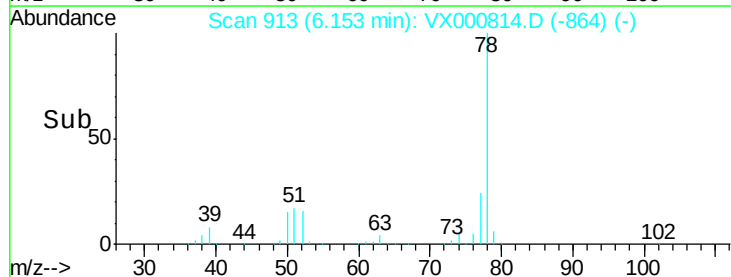
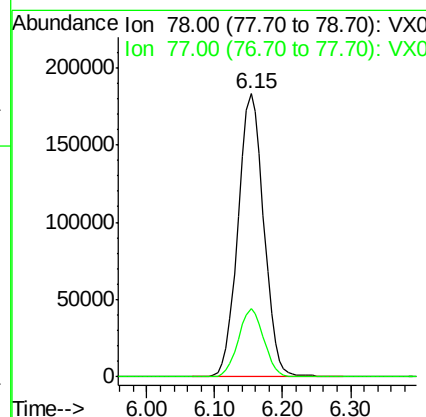
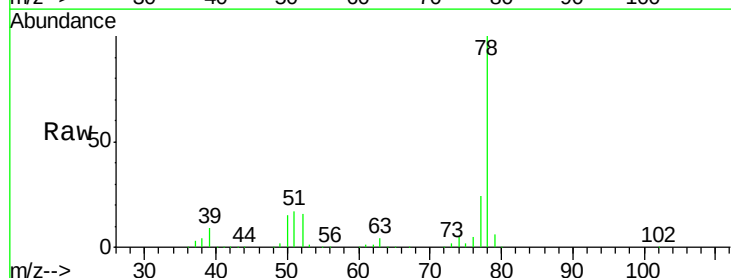
Manual Integrations
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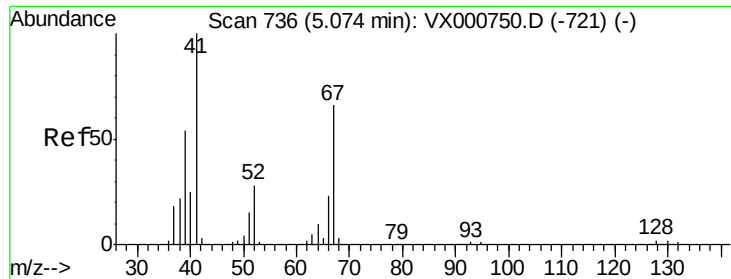
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#40
Benzene
Concen: 49.81 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	481596		
77	24.1		19.0	28.6





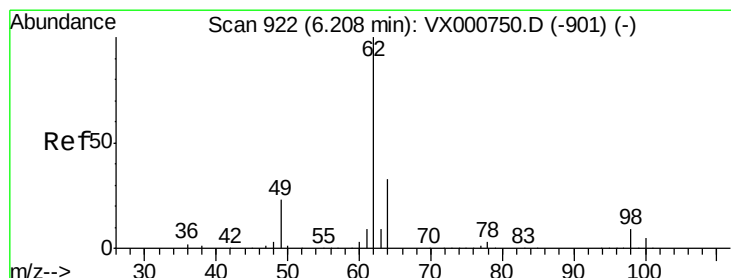
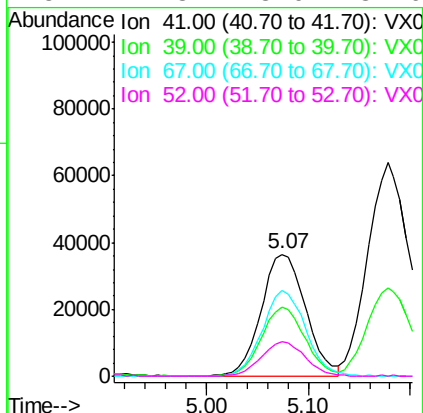
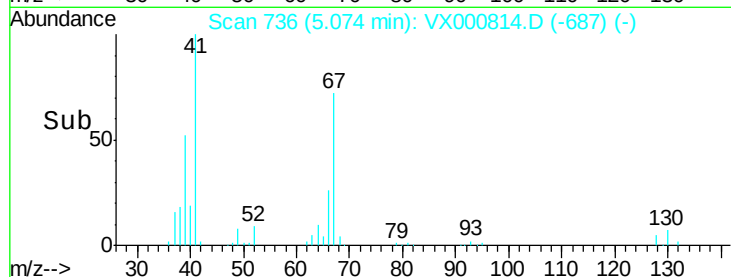
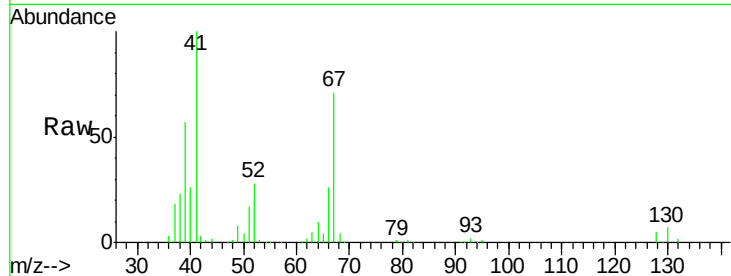
#41
Methacrylonitrile
Concen: 56.04 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.5	44.9	67.3		
67	69.0	54.7	82.1		
52	27.8	23.0	34.6		

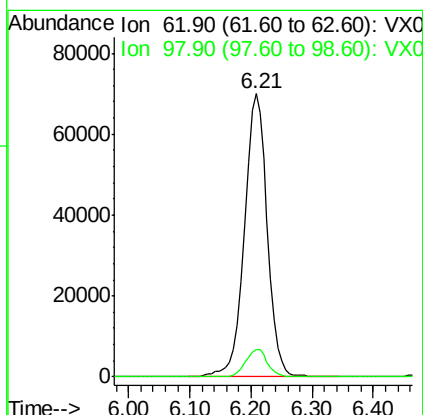
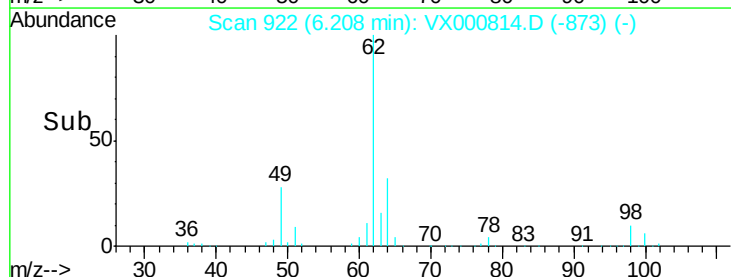
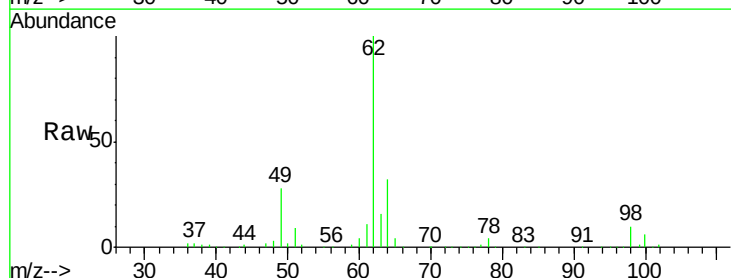
Manual Integrations
APPROVED

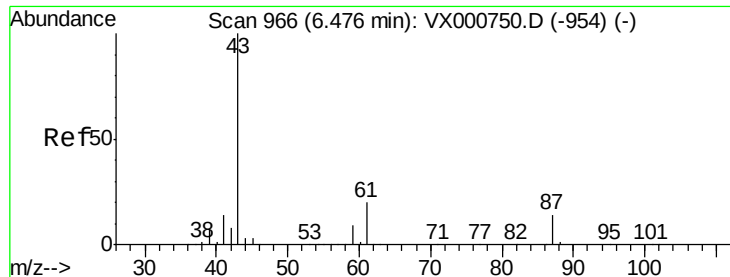
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#42
1,2-Dichloroethane
Concen: 50.22 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.4	0.0	18.6		





#43

Isopropyl Acetate

Concen: 54.37 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

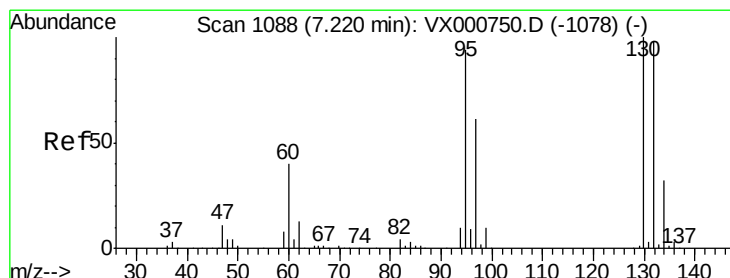
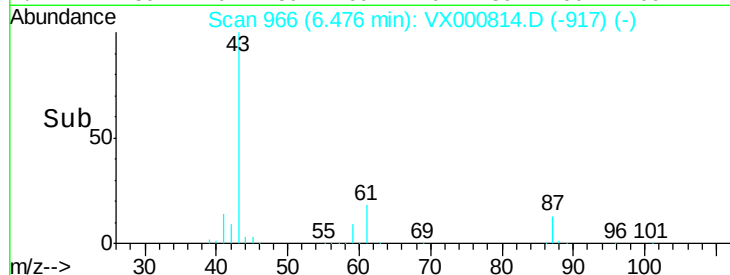
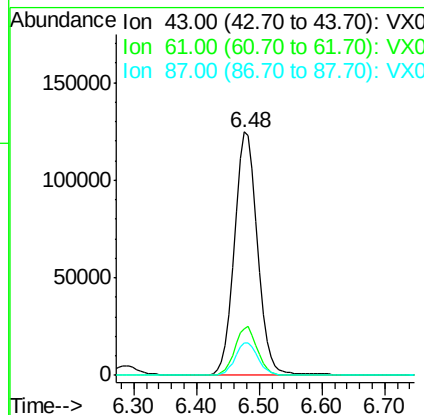
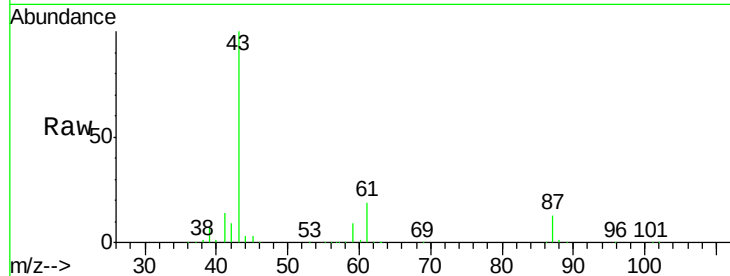
ClientSampleId :

MW-101MSD

Tot Ion:	43	Resp:	316654
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.6	23.4
87	13.5	10.7	16.1

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#44

Trichloroethene

Concen: 48.52 ug/l

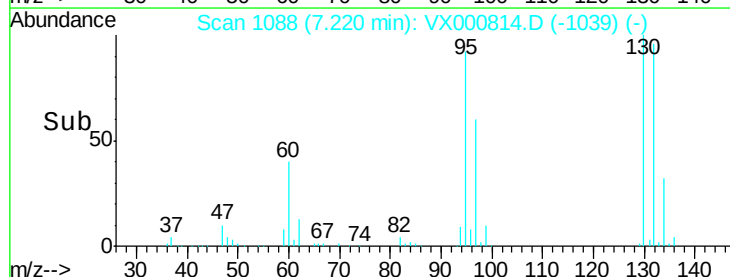
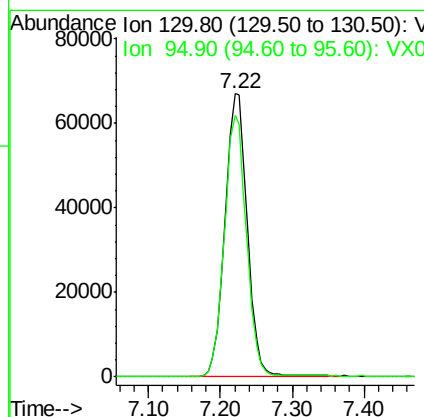
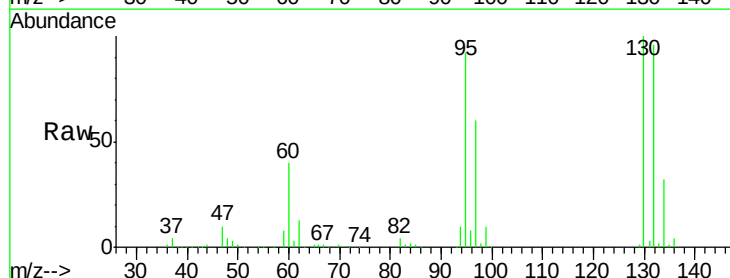
RT: 7.22 min Scan# 1088

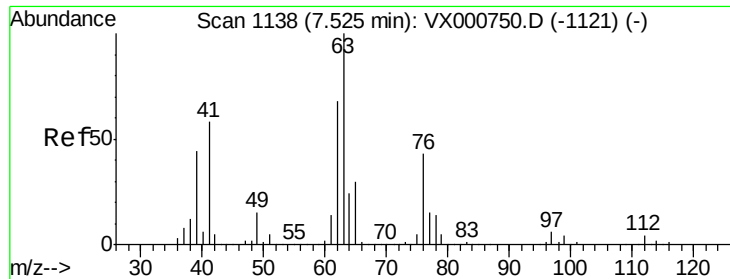
Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Tgt Ion:	130	Resp:	145893
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	187.0





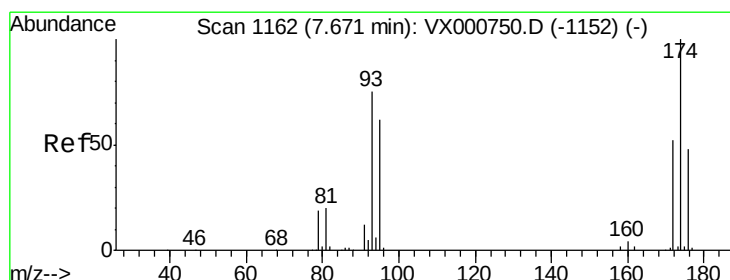
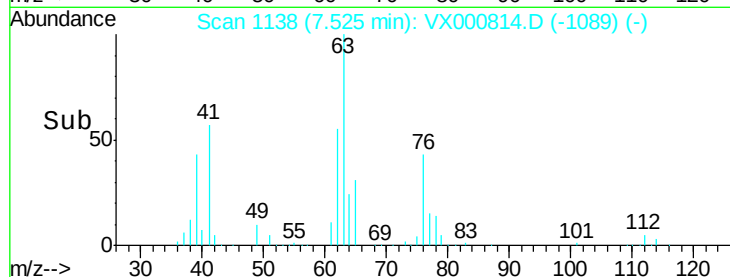
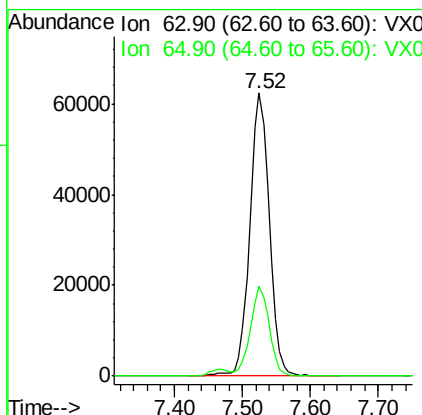
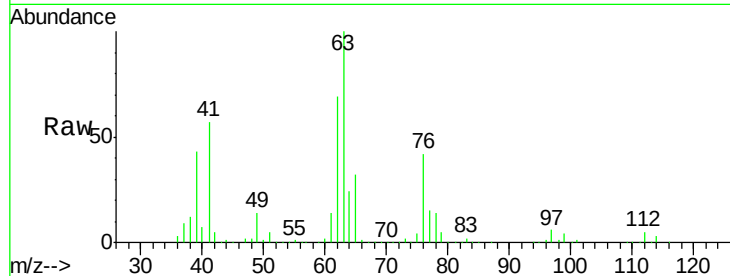
#45
 1,2-Dichloropropane
 Concen: 50.98 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	23.7	35.5

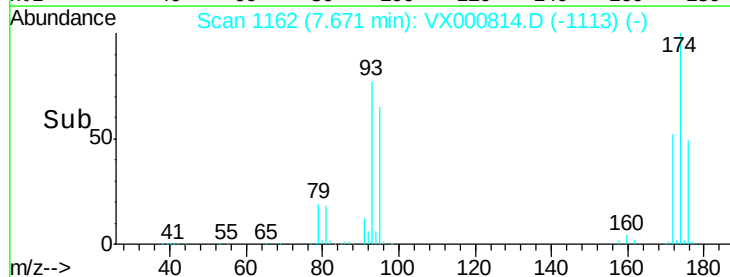
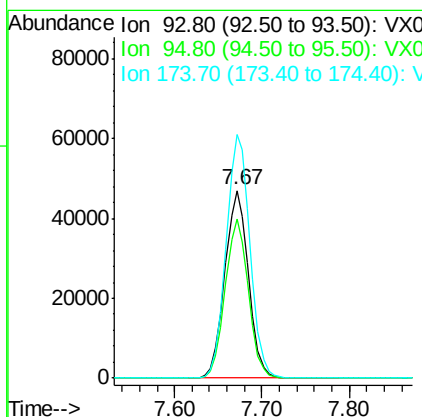
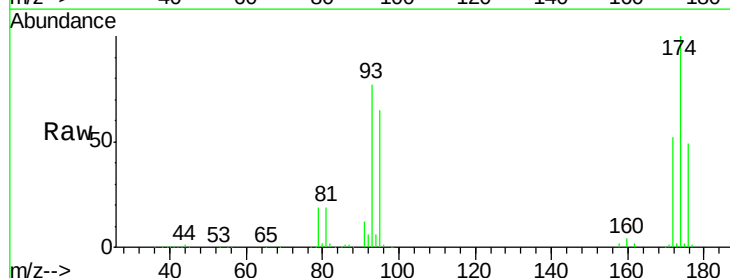
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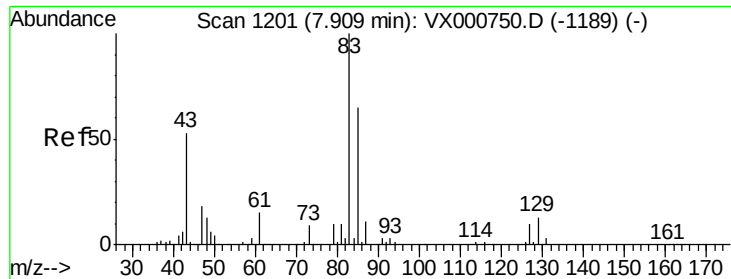
apatel
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#46
 Dibromomethane
 Concen: 51.12 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.6	100.0
174	131.2	104.5	156.7





#47

Bromodichloromethane

Concen: 50.19 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

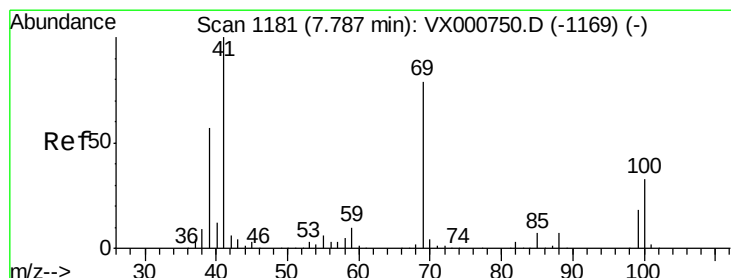
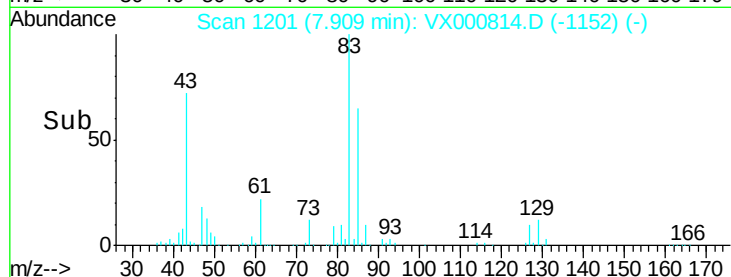
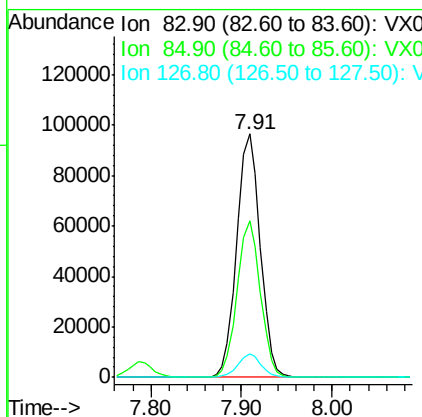
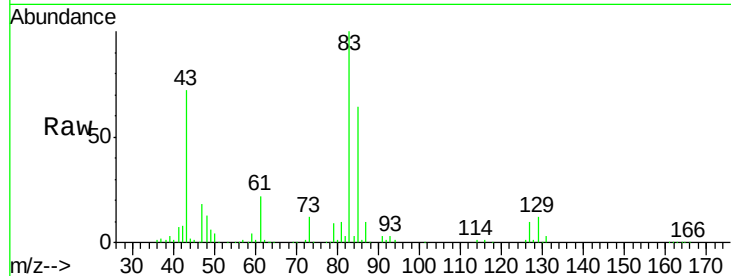
ClientSampleId :

MW-101MSD

Tot Ion:	83	Resp:	173880
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.2	78.4
127	9.6	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.11 ug/l

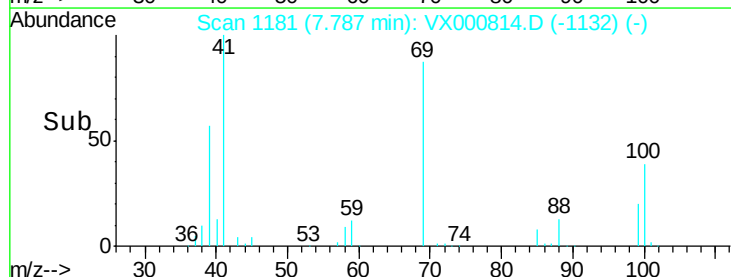
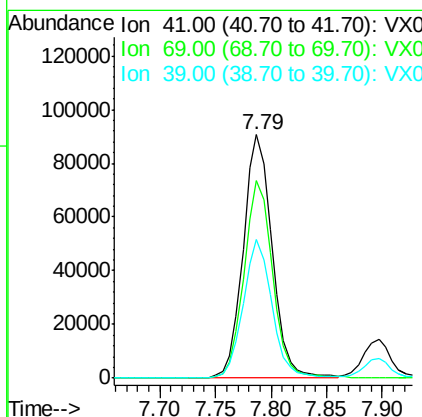
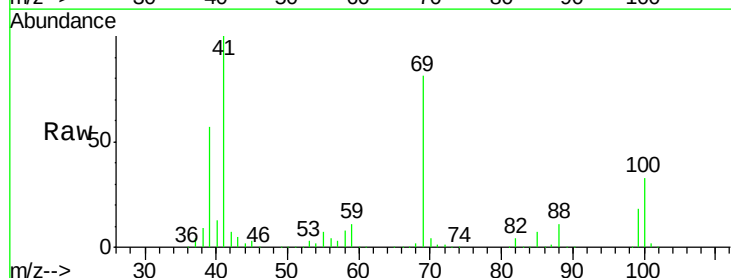
RT: 7.79 min Scan# 1181

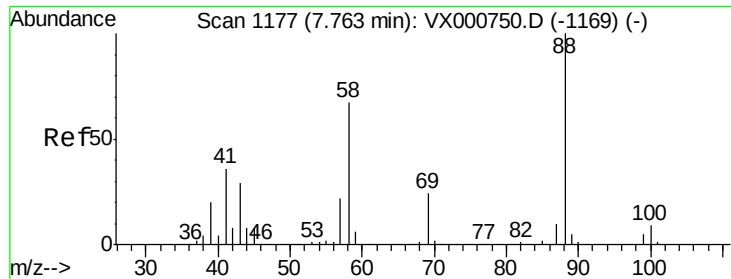
Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Tgt Ion:	41	Resp:	163349
Ion	Ratio	Lower	Upper
41	100		
69	80.9	63.9	95.9
39	56.2	45.9	68.9





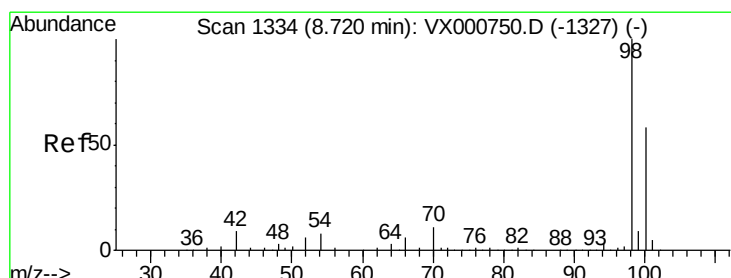
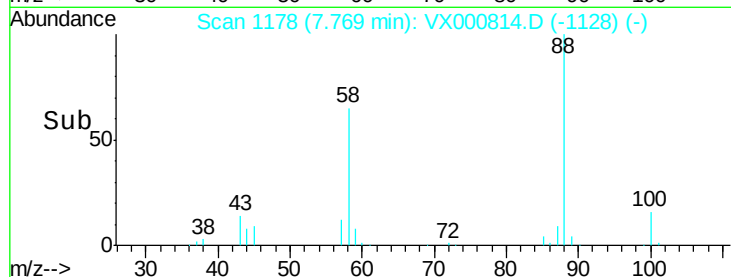
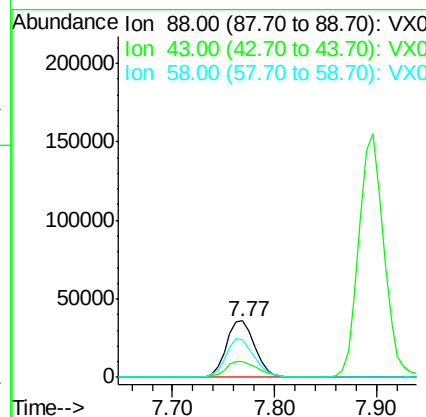
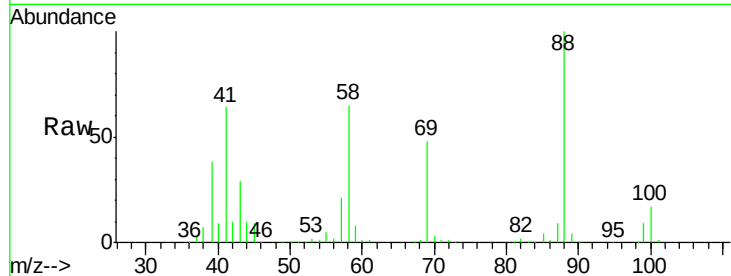
#49
1,4-Dioxane
Concen: 1157.38 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampled :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.8	38.8
58	67.9	54.4	81.6

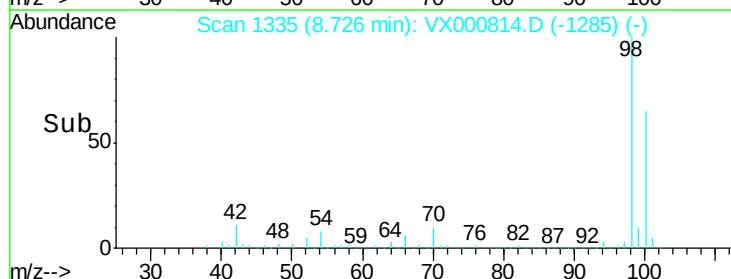
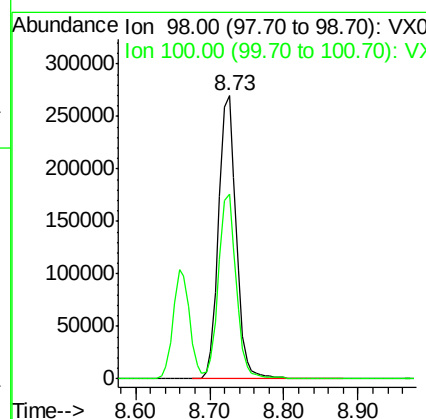
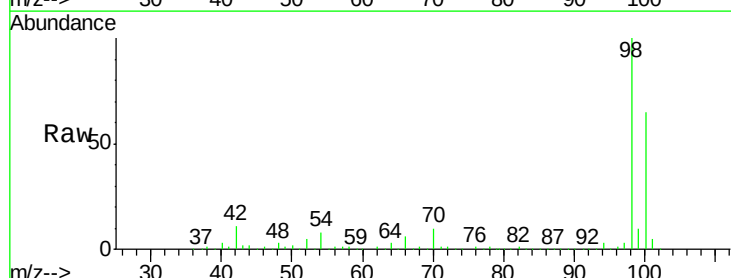
Manual Integrations
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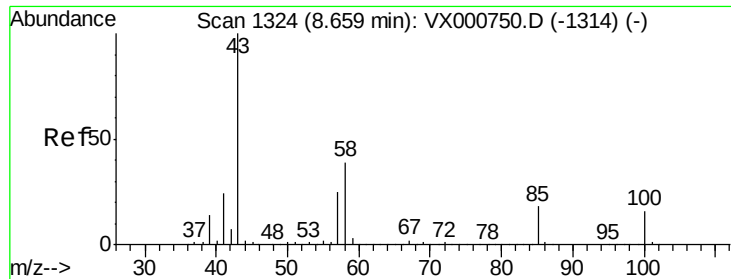
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#50
Toluene-d8
Concen: 48.56 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 304.00 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

Tot Ion: 43 Resp: 1040047

Ion Ratio Lower Upper

43 100

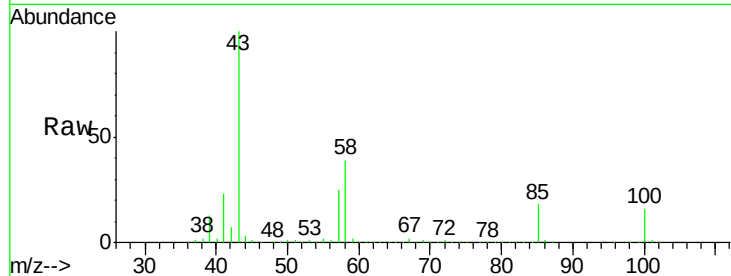
58 39.0 30.3 45.5

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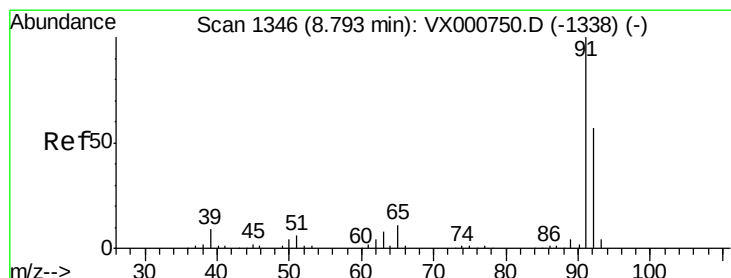
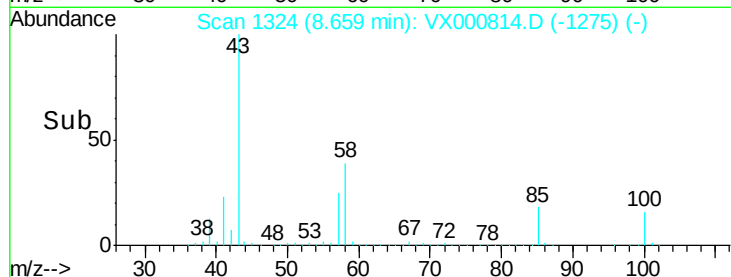
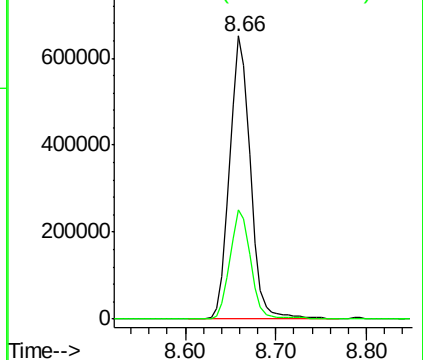
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.61 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000814.D

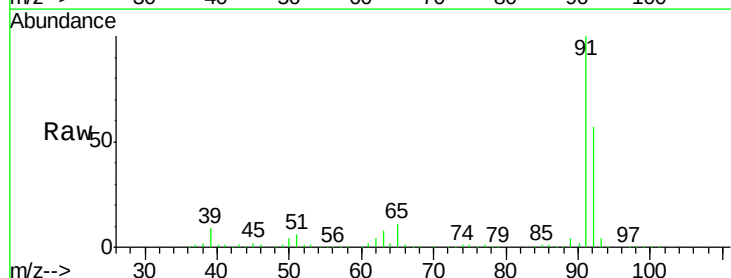
Acq: 12 Apr 2018 20:22

Tgt Ion: 92 Resp: 318214

Ion Ratio Lower Upper

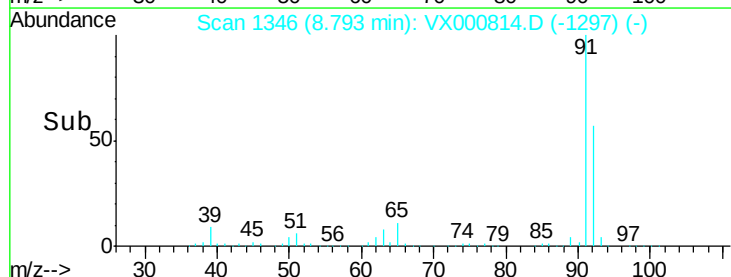
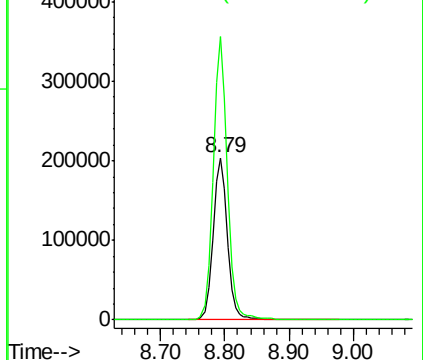
92 100

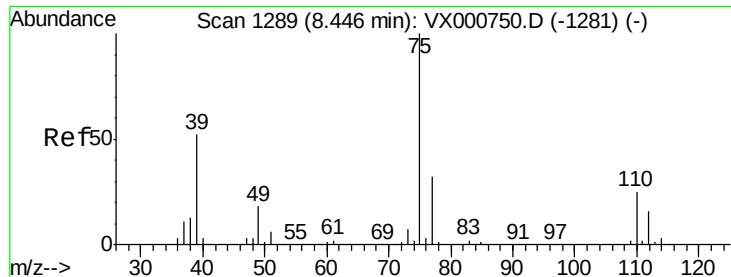
91 172.1 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.27 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tot Ion: 75 Resp: 204730

Ion Ratio Lower Upper

75 100

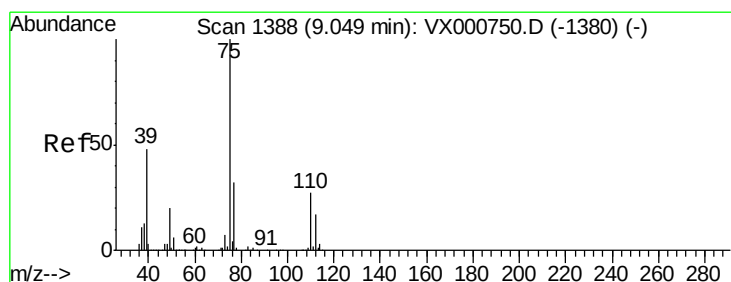
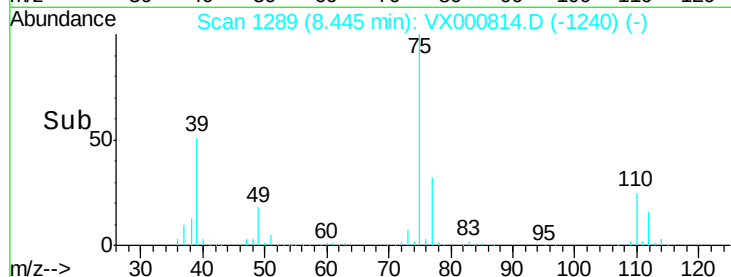
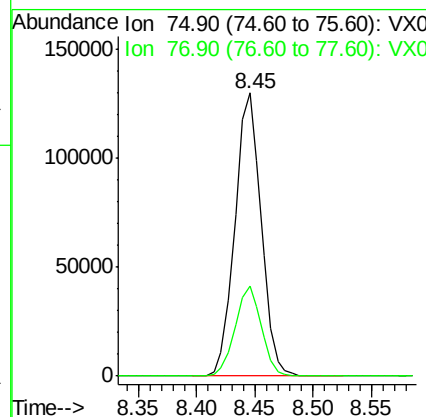
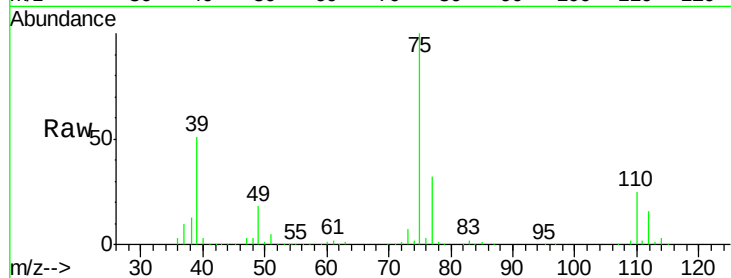
77 31.9 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.18 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

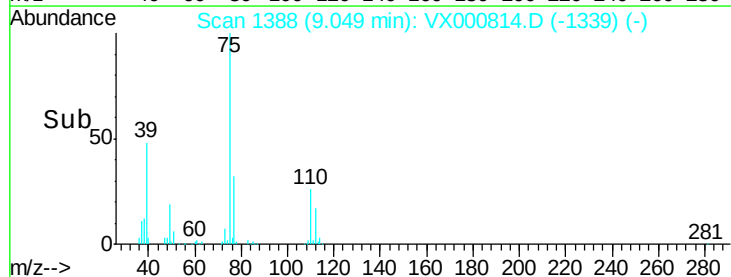
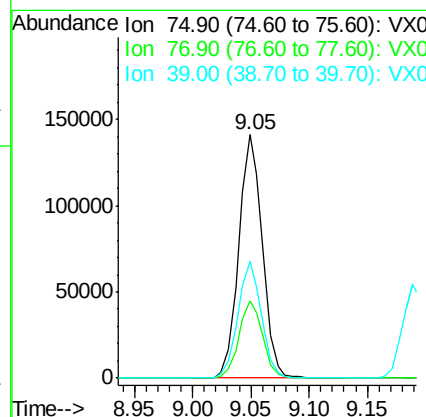
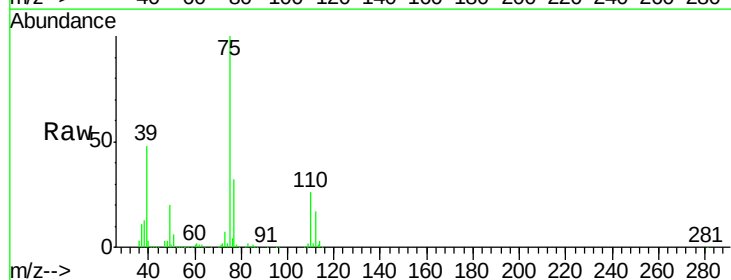
Tgt Ion: 75 Resp: 199003

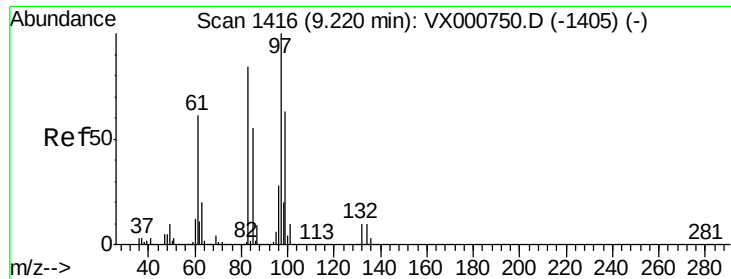
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 47.9 38.6 58.0





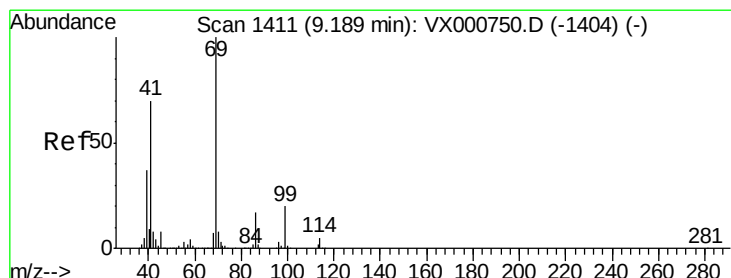
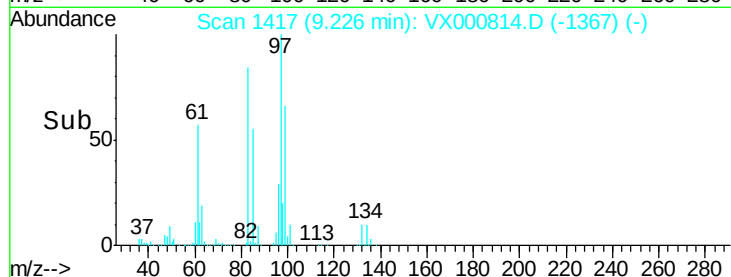
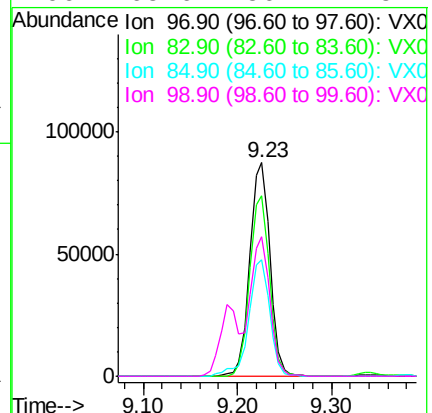
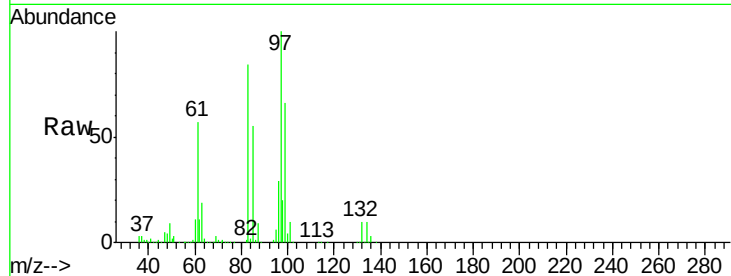
#55
 1,1,2-Trichloroethane
 Concen: 51.37 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Tot Ion:	97	Resp:	130804
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.6	101.4
85	54.6	43.8	65.6
99	65.6	50.2	75.4

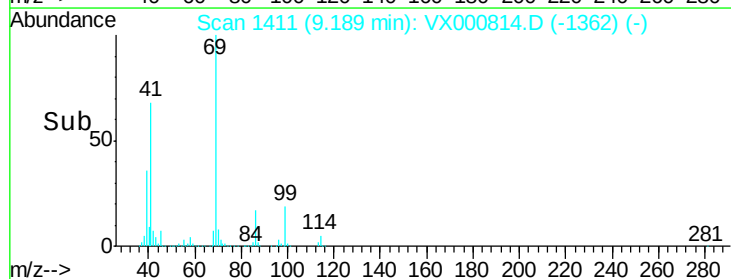
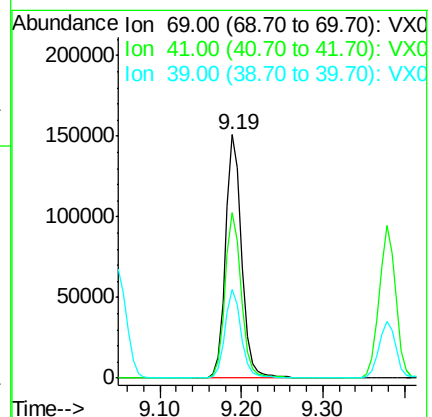
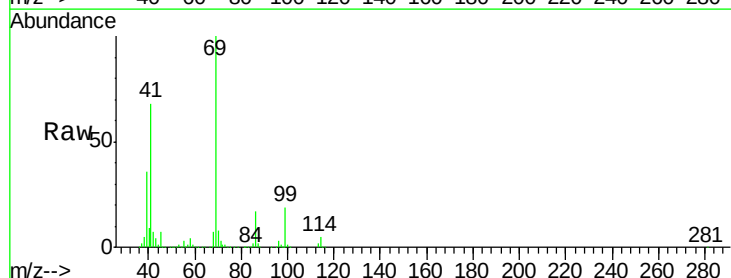
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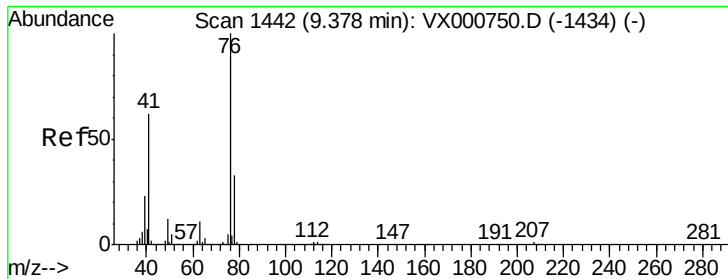
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#56
 Ethyl methacrylate
 Concen: 53.24 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion:	69	Resp:	209160
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.6	83.4
39	36.3	30.3	45.5





#57

1,3-Dichloropropane

Concen: 52.53 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tot Ion: 76 Resp: 212694

Ion Ratio Lower Upper

76 100

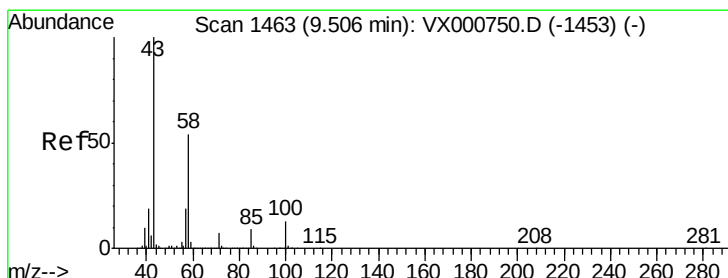
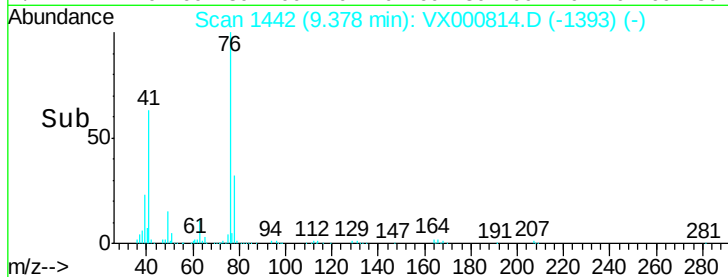
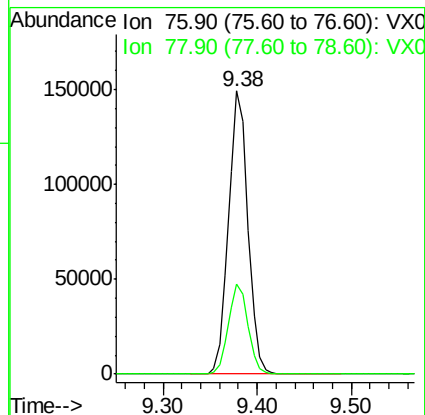
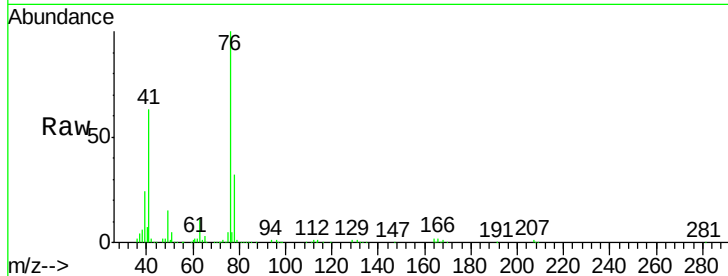
78 32.3 25.8 38.6

Manual Integrations

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#59

2-Hexanone

Concen: 307.96 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VX000814.D

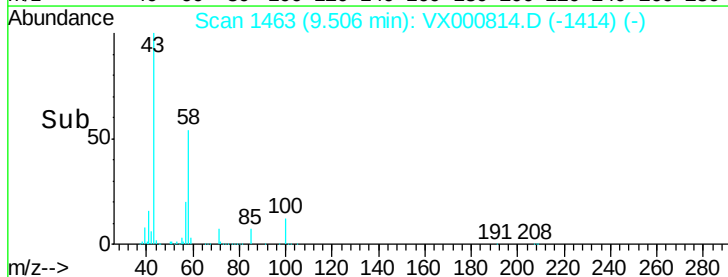
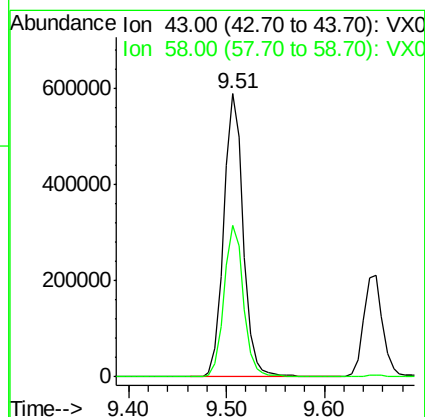
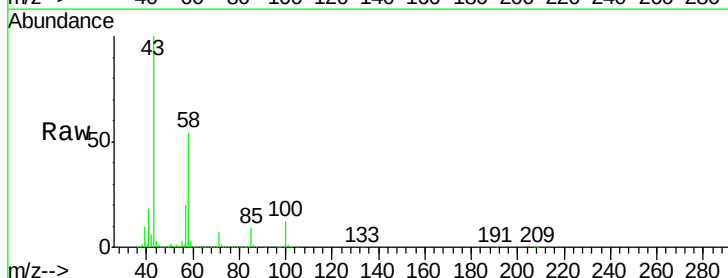
Acq: 12 Apr 2018 20:22

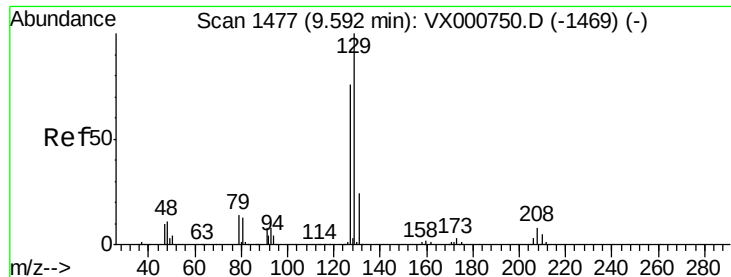
Tgt Ion: 43 Resp: 813387

Ion Ratio Lower Upper

43 100

58 53.6 26.5 79.5





#60

Dibromochloromethane

Concen: 49.95 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

Tot Ion:129 Resp: 152205

Ion Ratio Lower Upper

129 100

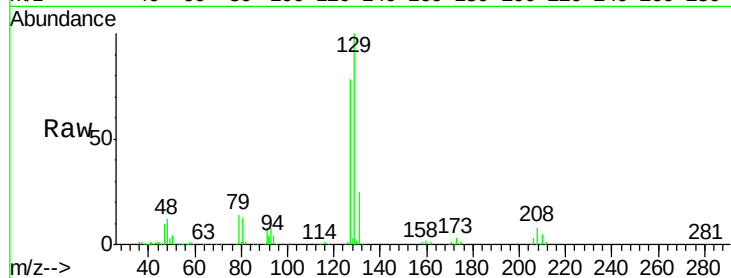
127 77.1 38.4 115.1

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

120000

100000

80000

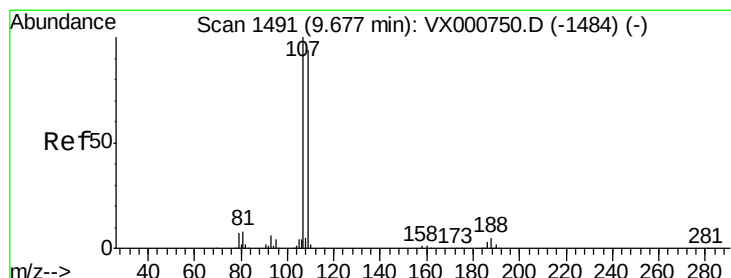
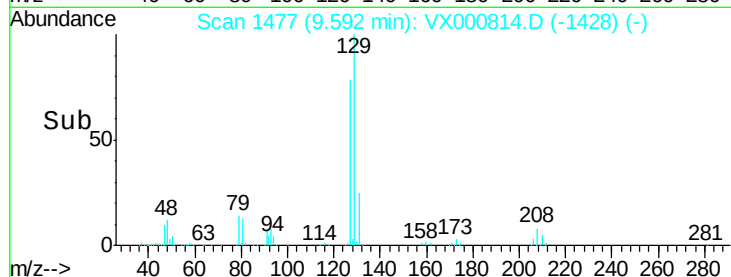
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 52.33 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.01 min

Lab File: VX000814.D

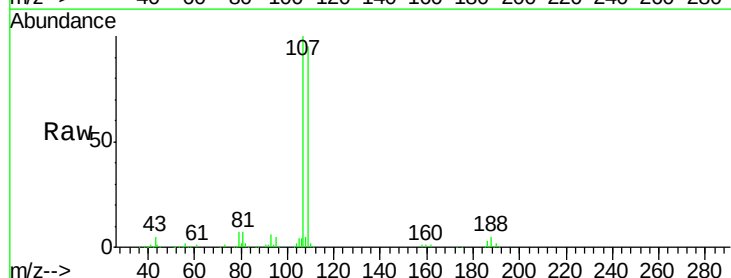
Acq: 12 Apr 2018 20:22

Tgt Ion:107 Resp: 141362

Ion Ratio Lower Upper

107 100

109 94.4 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

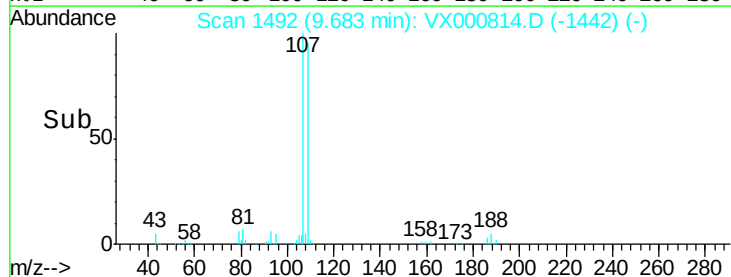
60000

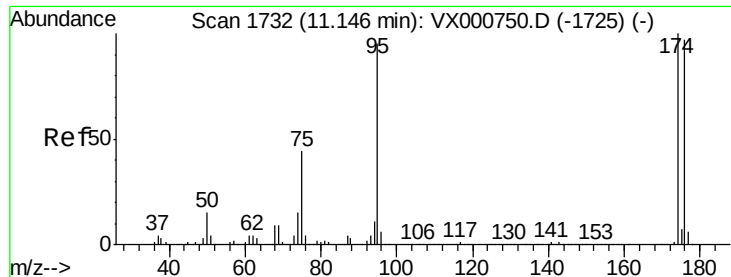
40000

20000

0

Time--> 9.60 9.65 9.70 9.75 9.80





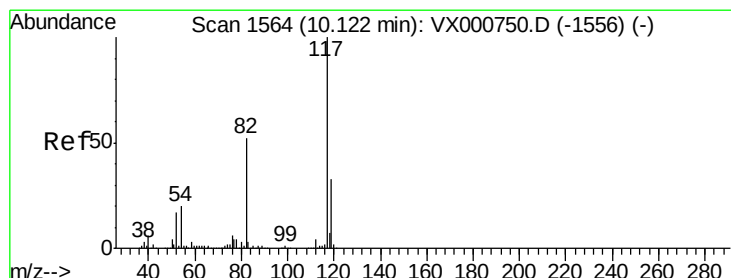
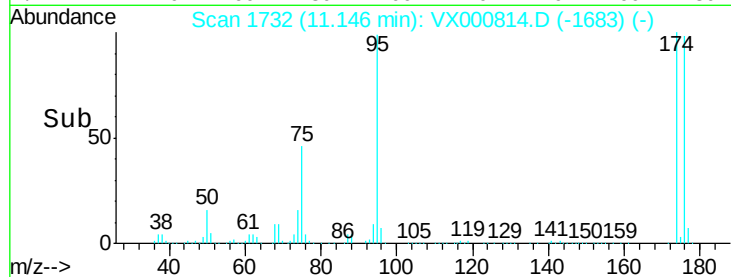
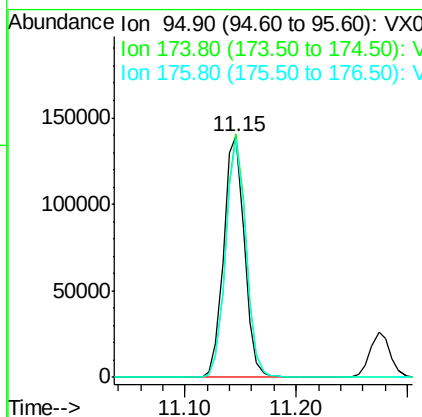
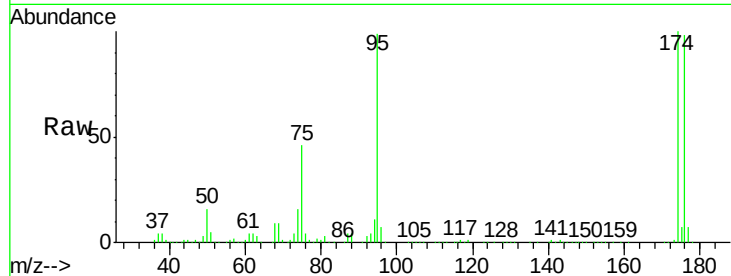
#62
4-Bromofluorobenzene
Concen: 47.88 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampled :
MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	179564		
174	98.4	0.0	198.4	
176	96.6	0.0	194.4	

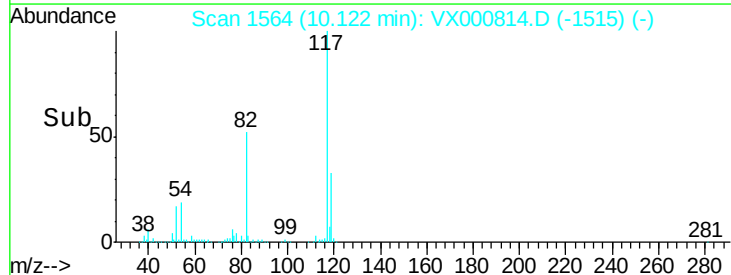
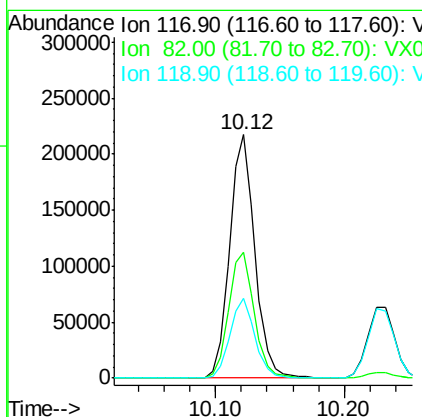
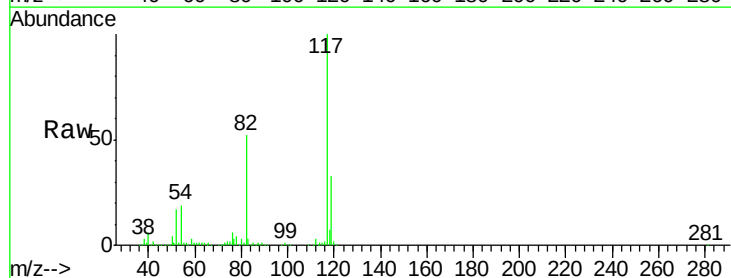
Manual Integrations
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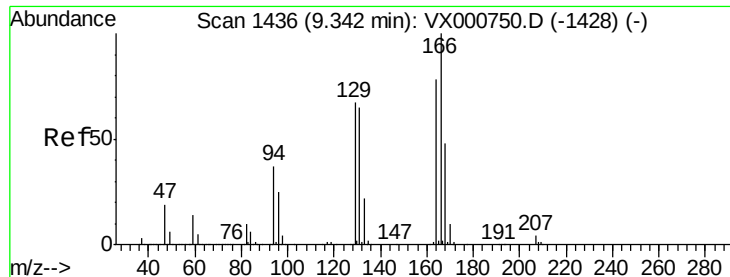
apatel
4/13/2018 2:58:06 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	298344		
82	51.6	41.9	62.9	
119	32.6	26.0	39.0	





#64

Tetrachloroethene

Concen: 46.90 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tot Ion:164 Resp: 136816

Ion Ratio Lower Upper

164 100

166 129.3 102.8 154.2

129 86.3 68.5 102.7

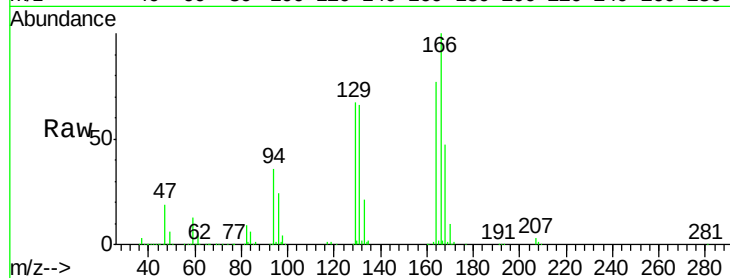
131 85.1 66.6 100.0

Manual Integrations

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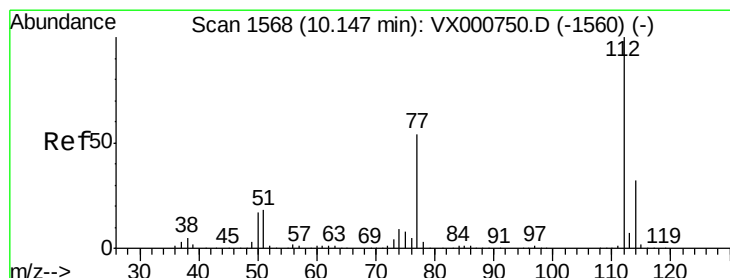
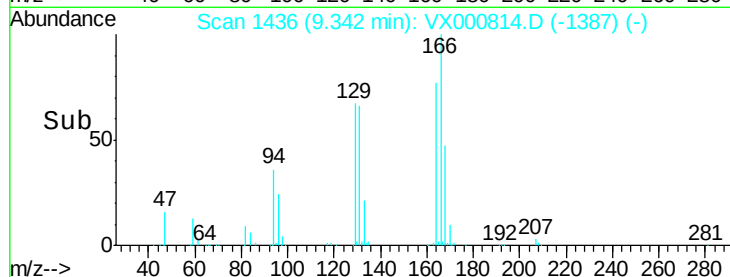
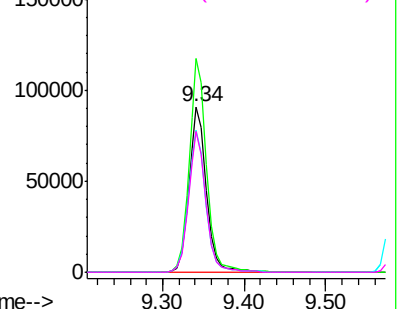


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.78 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000814.D

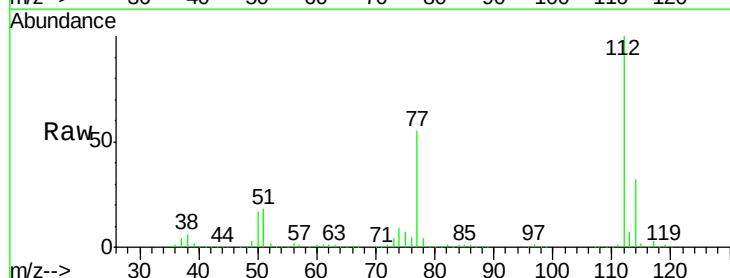
Acq: 12 Apr 2018 20:22

Tgt Ion:112 Resp: 373637

Ion Ratio Lower Upper

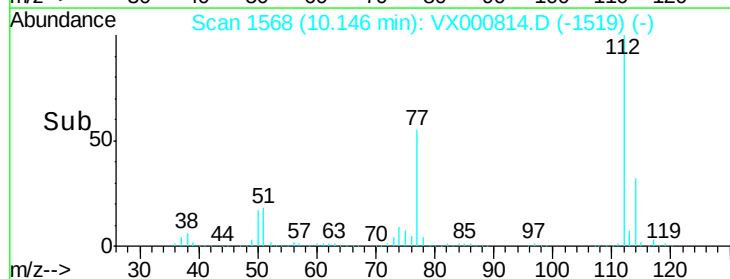
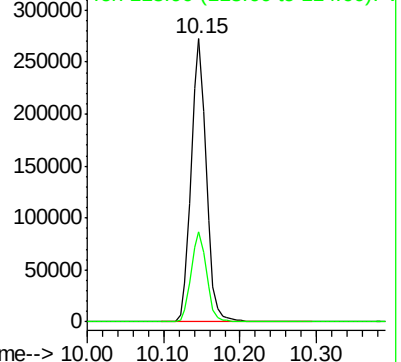
112 100

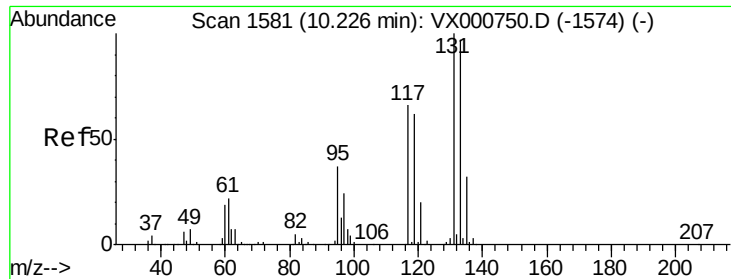
114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





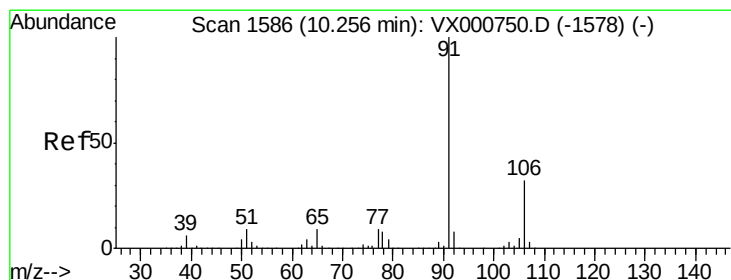
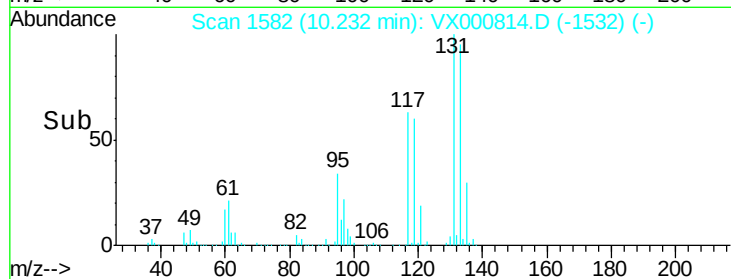
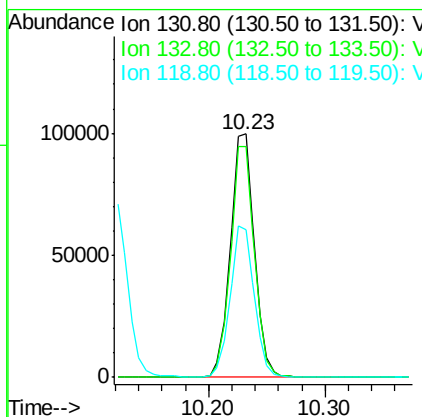
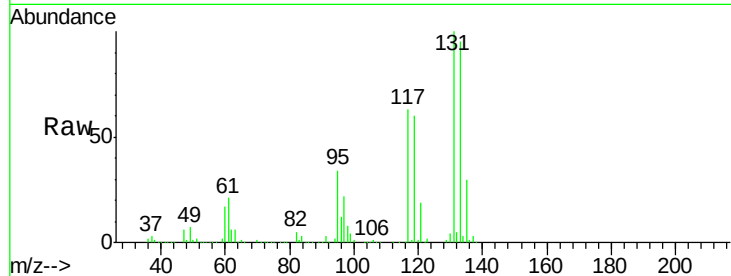
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.57 ug/l
 RT: 10.23 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	142842		
133	94.5	48.3	144.9	
119	62.1	31.4	94.0	

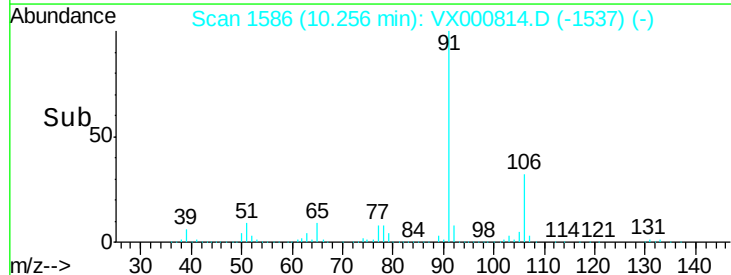
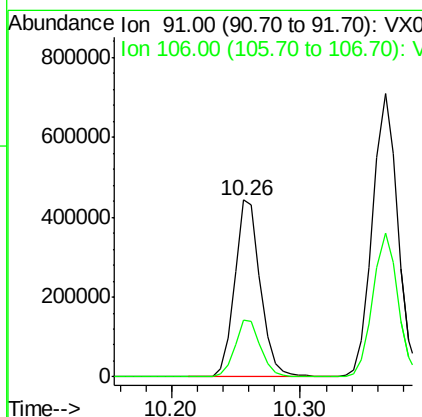
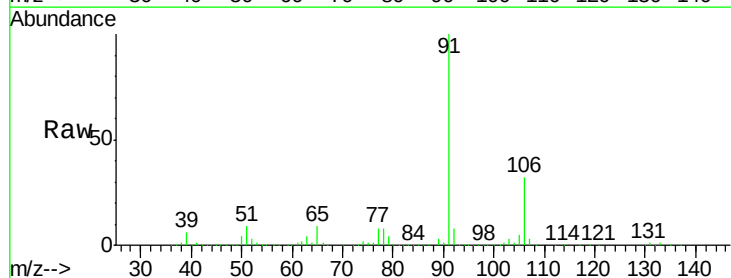
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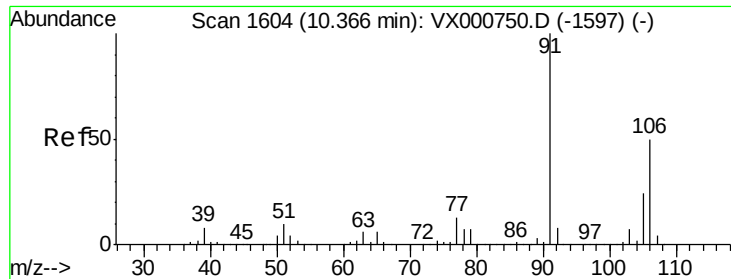
apatel
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#67
 Ethyl Benzene
 Concen: 49.24 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	616158		
106	31.9	25.4	38.0	





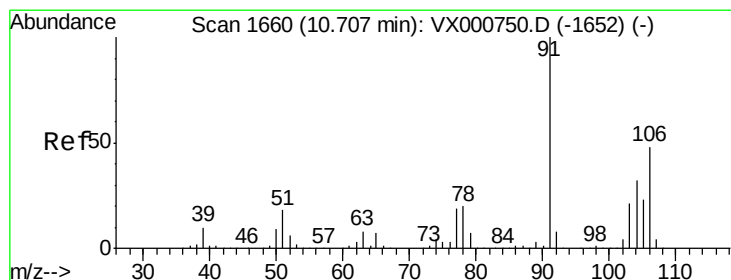
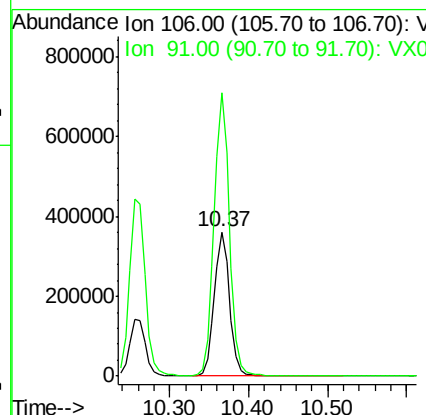
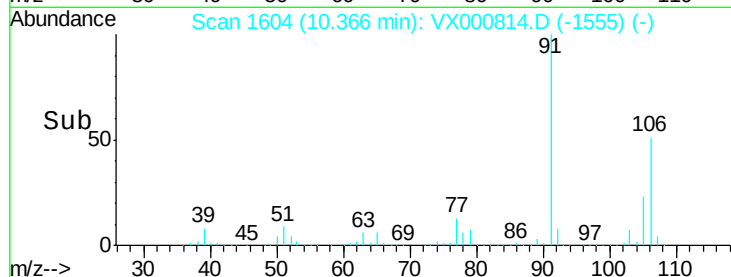
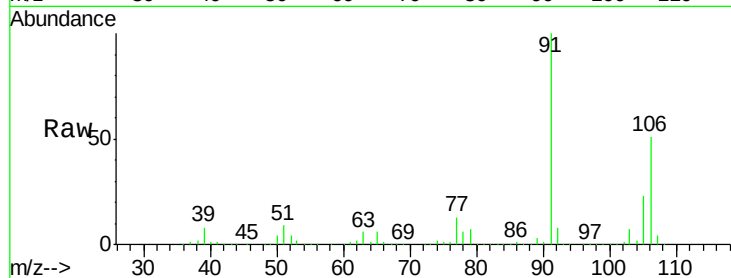
#68
m/p-Xylenes
Concen: 98.19 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tot Ion:106 Resp: 484952
Ion Ratio Lower Upper
106 100
91 198.2 159.3 238.9

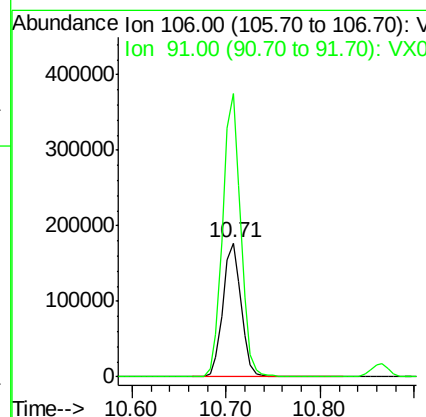
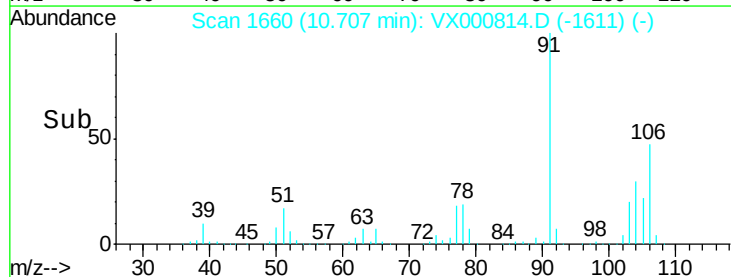
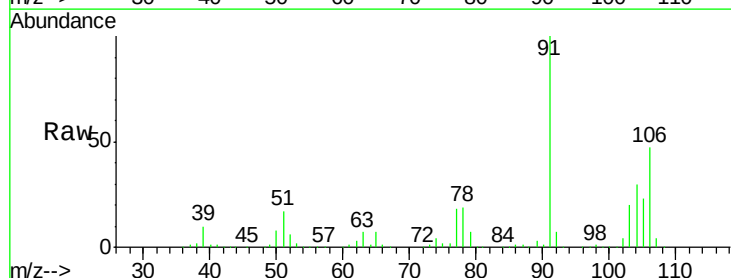
Manual Integrations
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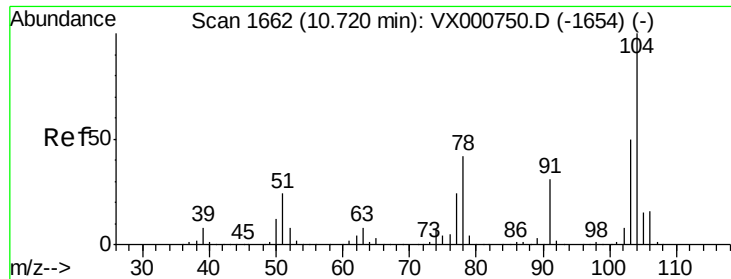
apatel
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#69
o-Xylene
Concen: 49.95 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion:106 Resp: 237753
Ion Ratio Lower Upper
106 100
91 209.6 105.0 315.0





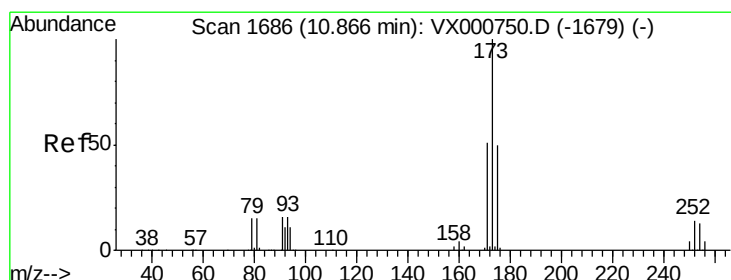
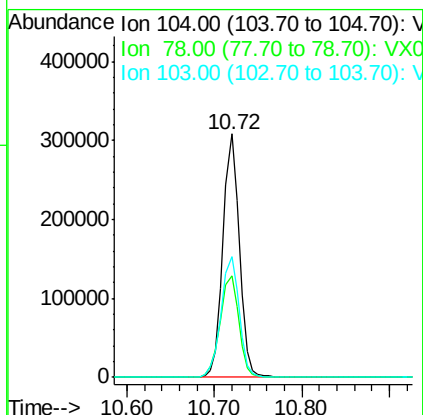
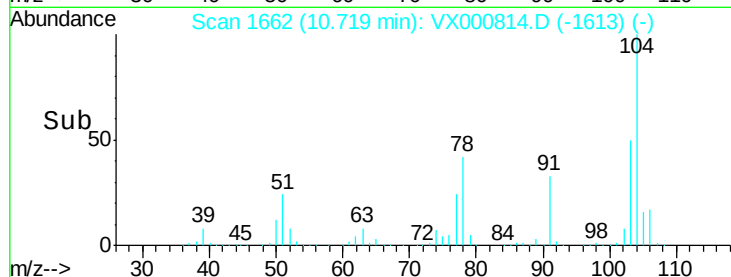
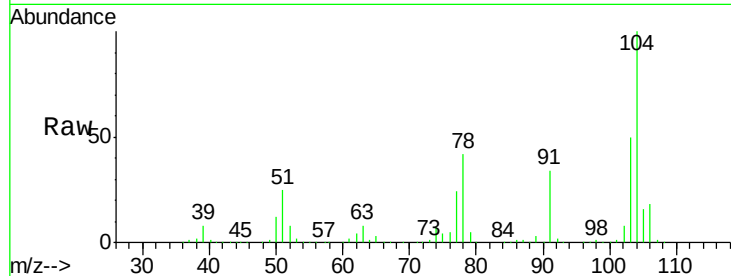
#70
Stvrene
Concen: 49.74 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	399165		
78	48.0	39.0	58.6	
103	55.2	44.1	66.1	

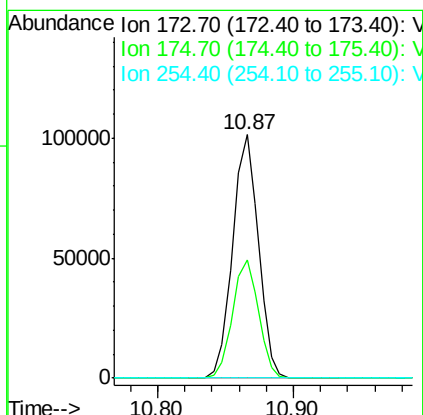
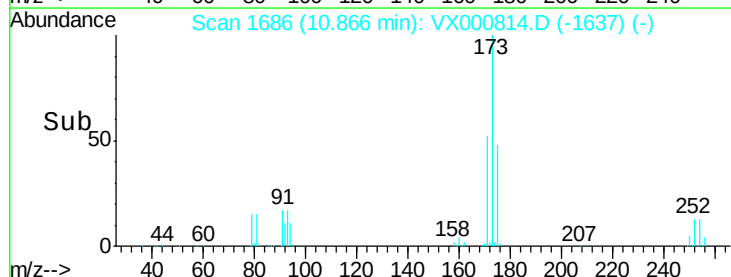
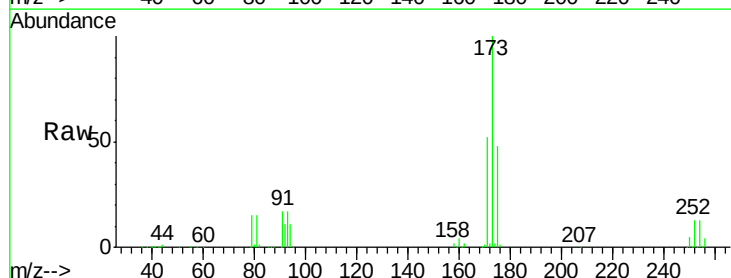
Manual Integrations
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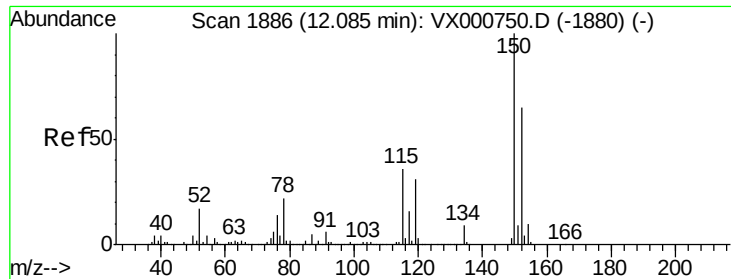
apatel
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#71
Bromoform
Concen: 51.11 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	133685		
175	49.1	24.5	73.5	
254	0.2	0.2	0.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

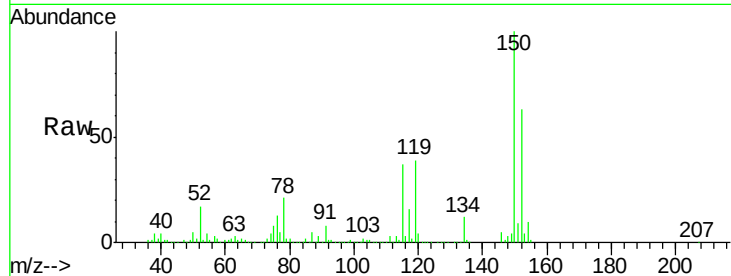
ClientSampleId :

MW-101MSD

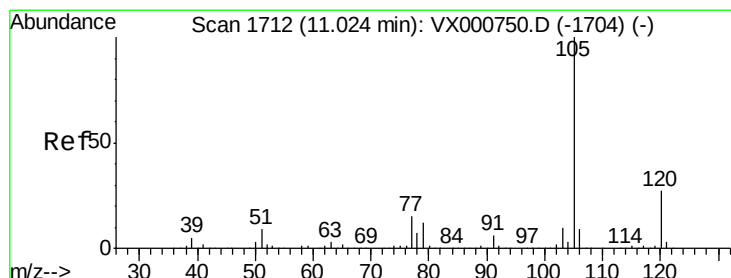
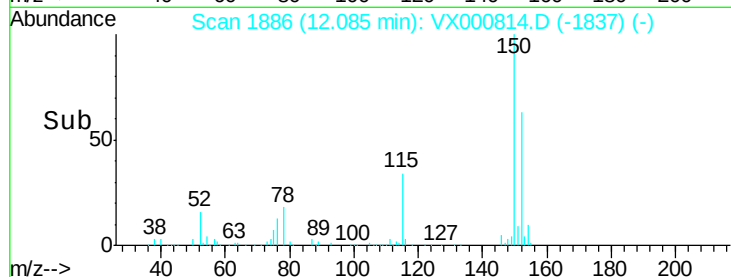
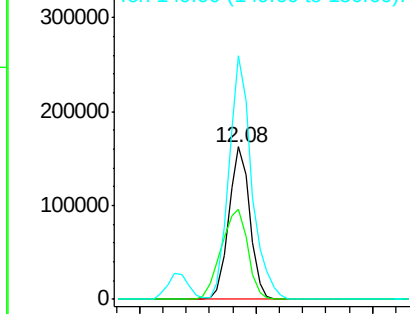
Tot Ion:	152	Resp:	202634
Ion Ratio	Lower	Upper	
152	100		
115	74.6	37.9	113.7
150	173.3	0.0	348.0

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



#73

Isopropylbenzene

Concen: 49.22 ug/l

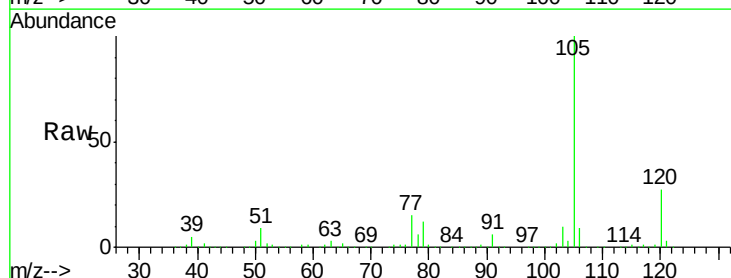
RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

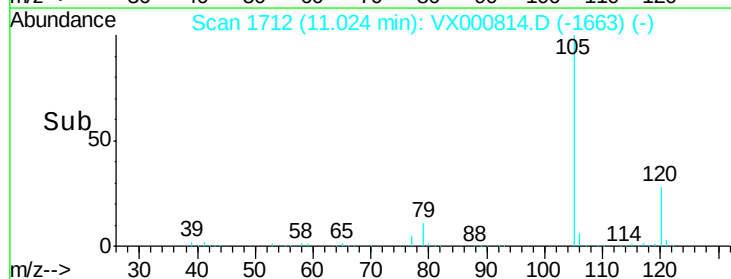
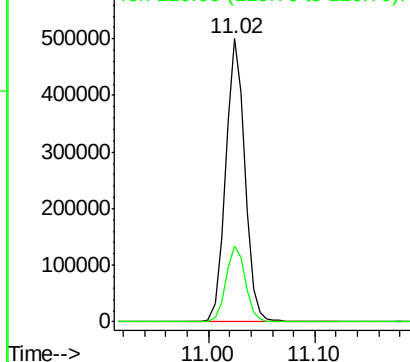
Lab File: VX000814.D

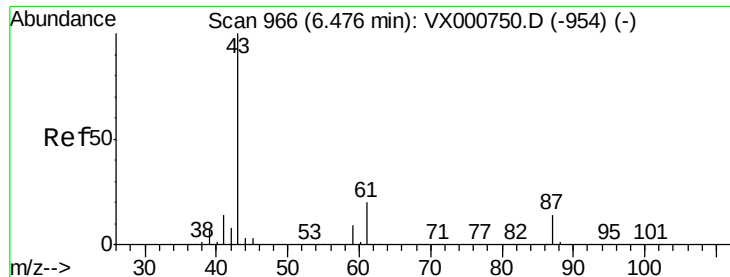
Acq: 12 Apr 2018 20:22

Tgt Ion:	105	Resp:	632763
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.7	41.0



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





#74

N-amvl acetate

Concen: 54.70 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

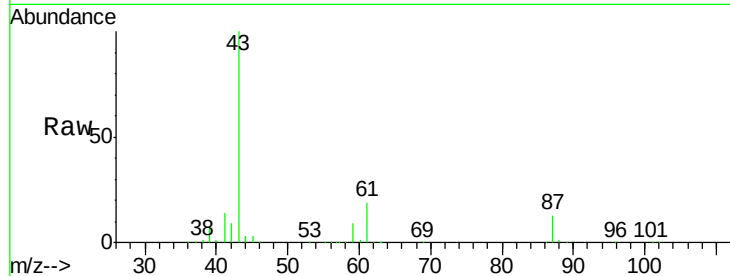
ClientSampleId :

MW-101MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		316654		
70	0.0	0.0	0.0#		
55	0.0	0.0	0.0#		
61	19.7	15.6	23.4		

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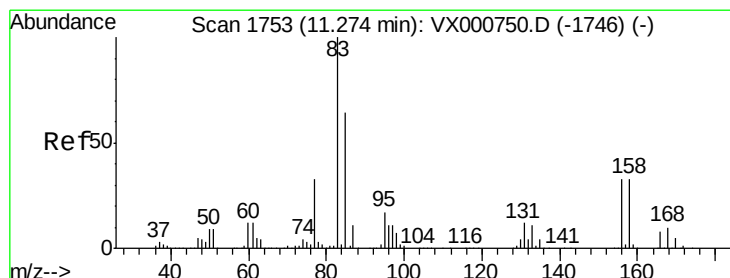
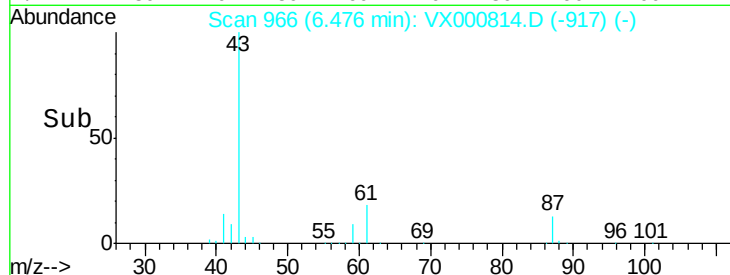
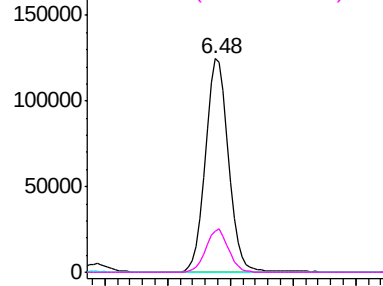


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.59 ug/l

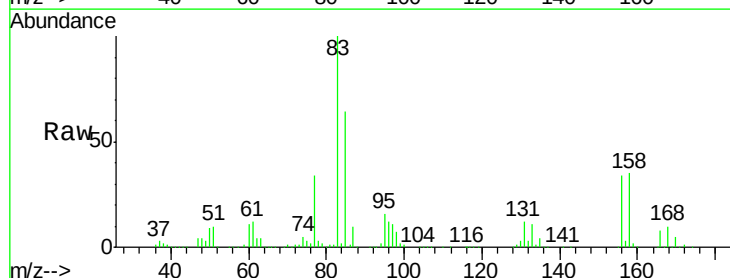
RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

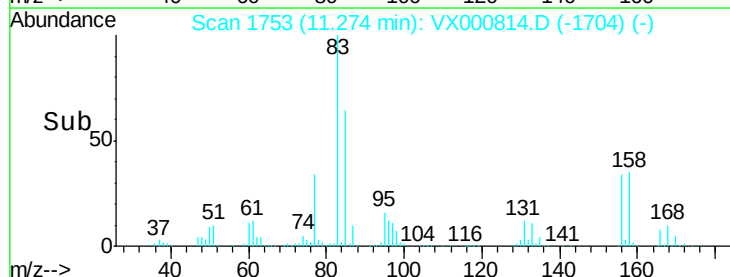
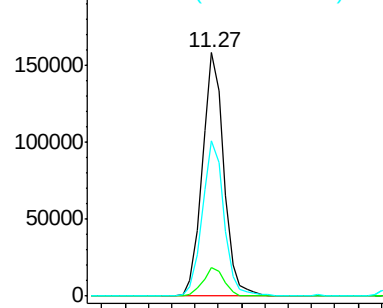
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		203669		
131	11.8	6.0	18.0		
85	64.3	32.3	96.8		

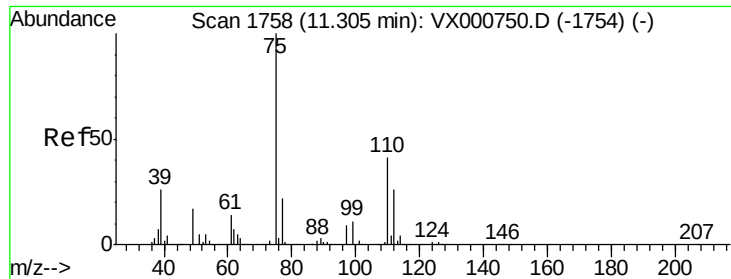


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 54.22 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tot Ion: 75 Resp: 189472

Ion Ratio Lower Upper

75 100

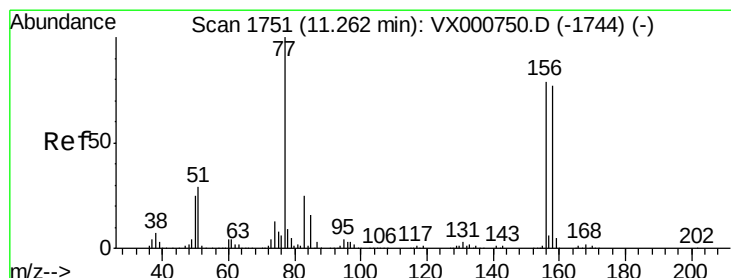
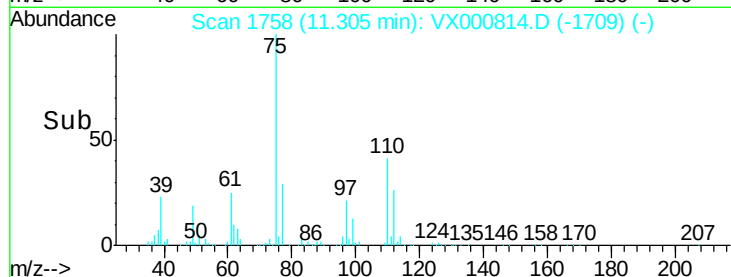
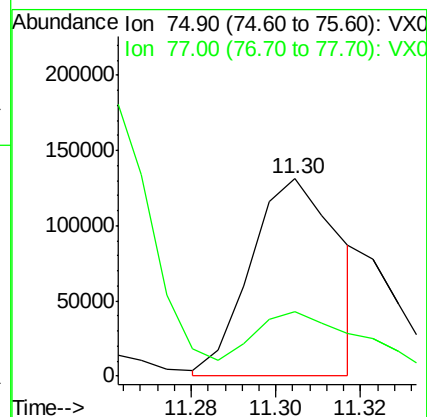
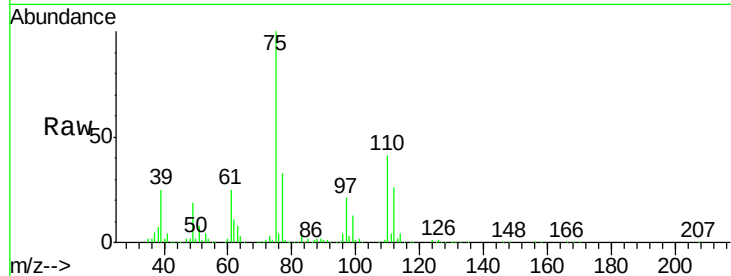
77 41.2 20.5 61.5

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#77

Bromobenzene

Concen: 49.42 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

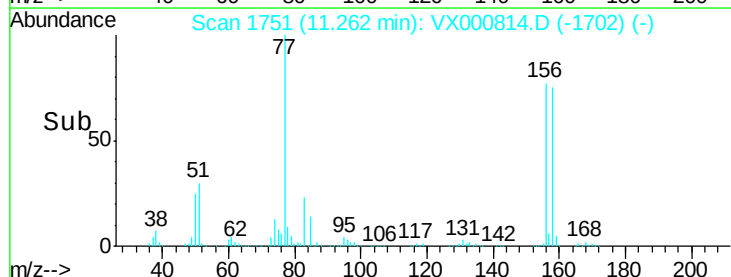
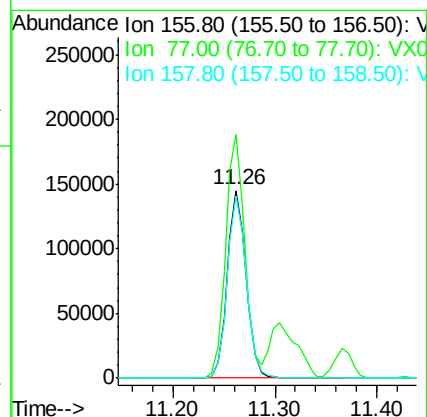
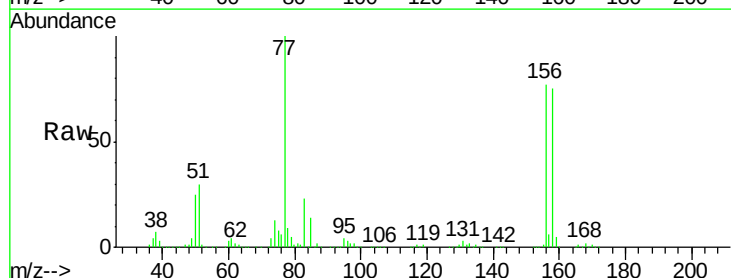
Tgt Ion: 156 Resp: 186164

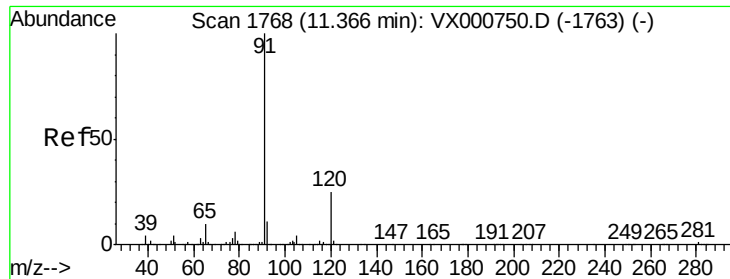
Ion Ratio Lower Upper

156 100

77 132.7 66.0 198.2

158 98.6 48.8 146.4





#78

n-propylbenzene

Concen: 48.26 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tot Ion: 91 Resp: 709555

Ion Ratio Lower Upper

91 100

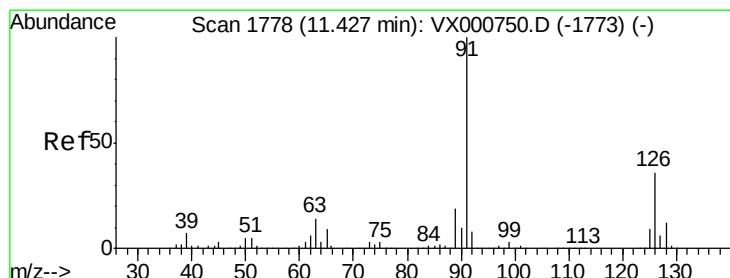
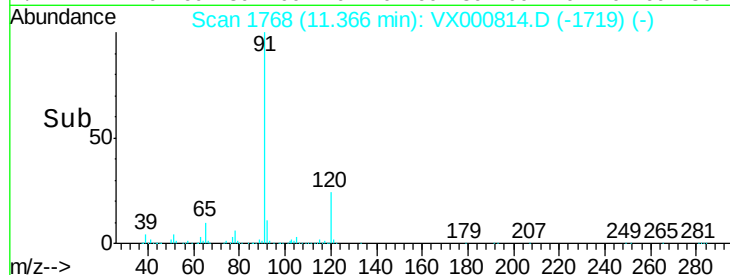
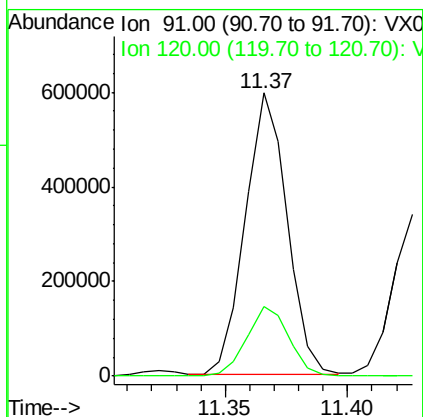
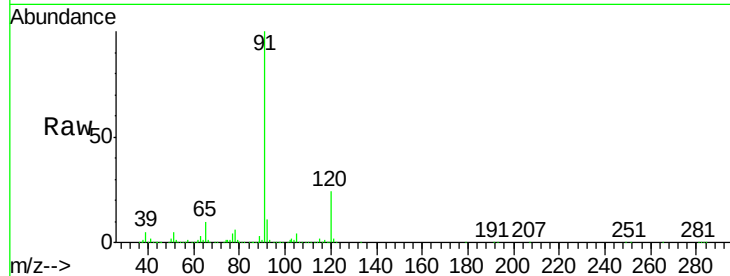
120 25.2 12.6 37.6

Manual Integrations

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#79

2-Chlorotoluene

Concen: 48.68 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000814.D

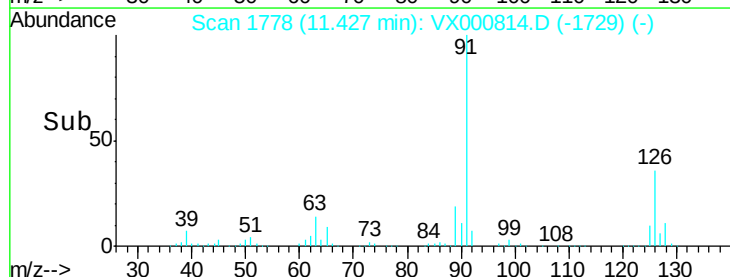
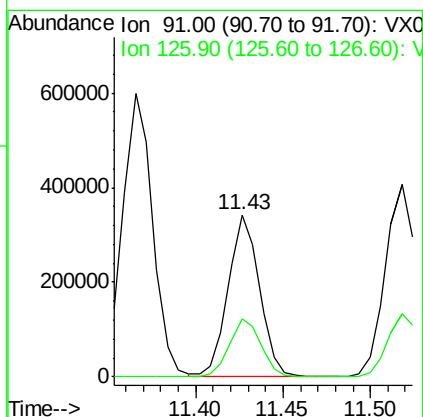
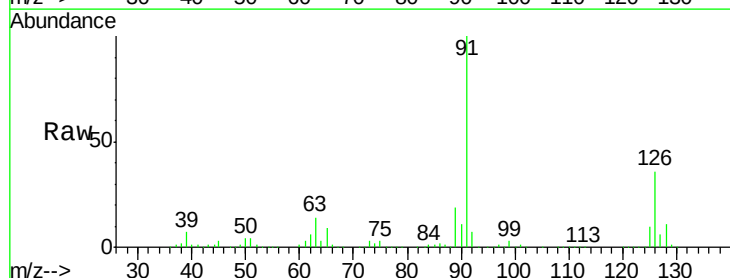
Acq: 12 Apr 2018 20:22

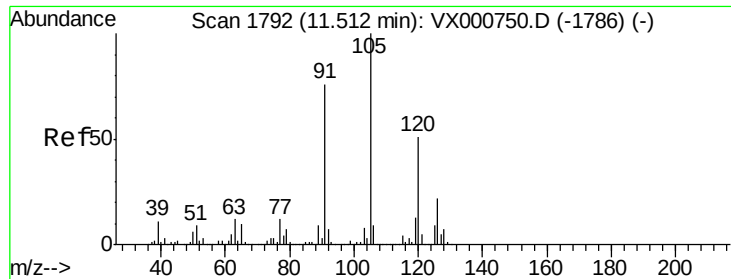
Tgt Ion: 91 Resp: 423054

Ion Ratio Lower Upper

91 100

126 36.9 18.3 54.9





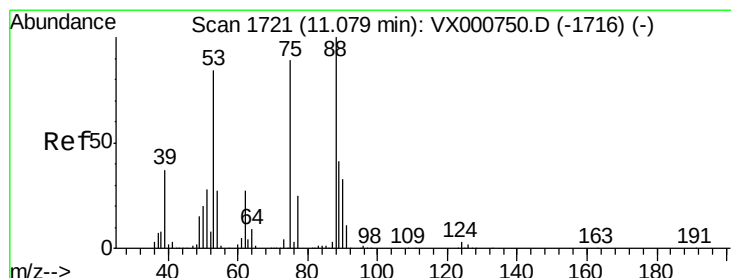
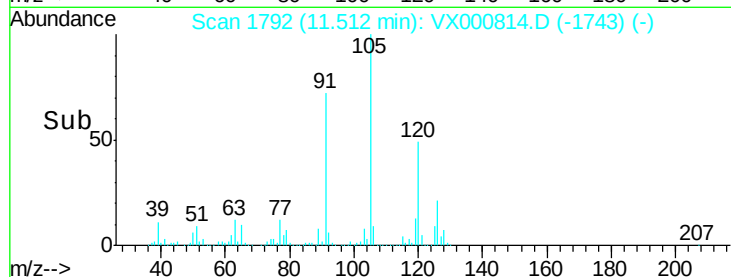
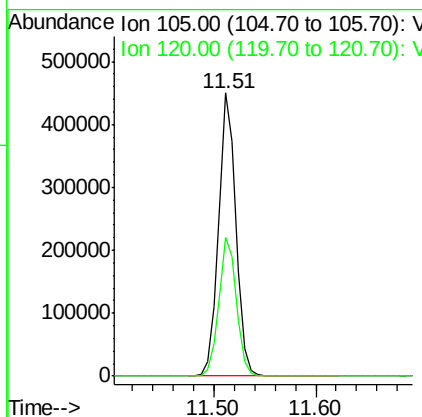
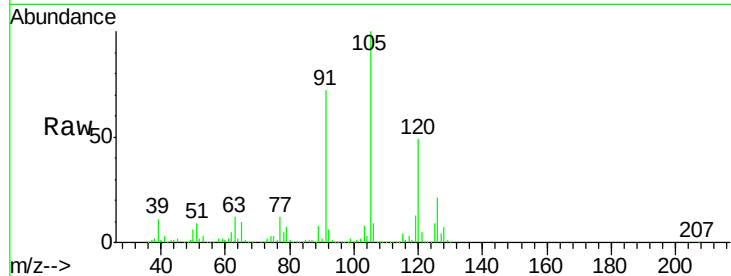
#80
 1,3,5-Trimethylbenzene
 Concen: 48.84 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampled :
 MW-101MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.7	25.0	75.0

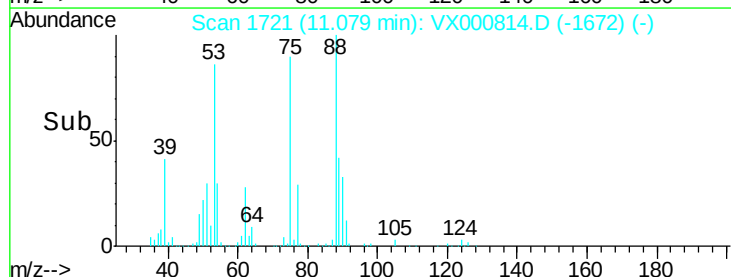
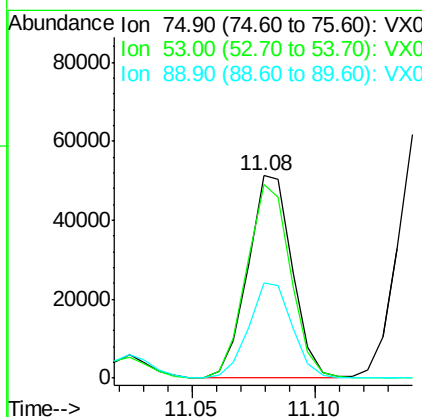
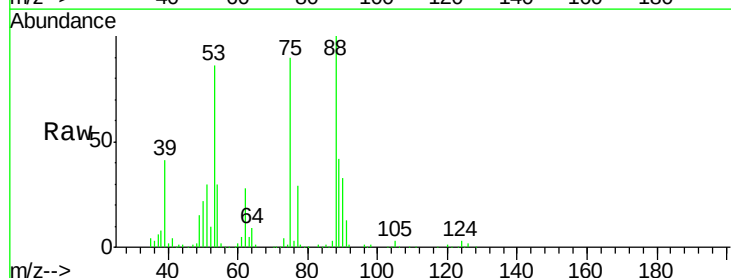
Manual Integrations
 APPROVED

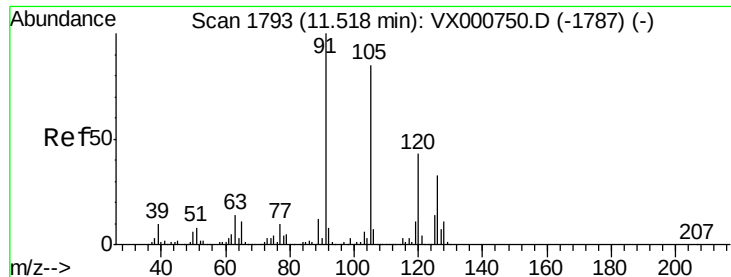
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.75 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.4	75.4	113.0
89	46.8	40.9	61.3





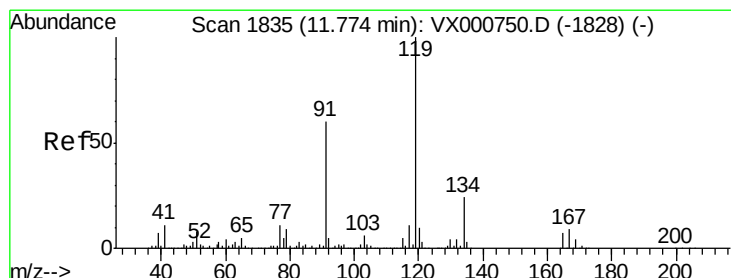
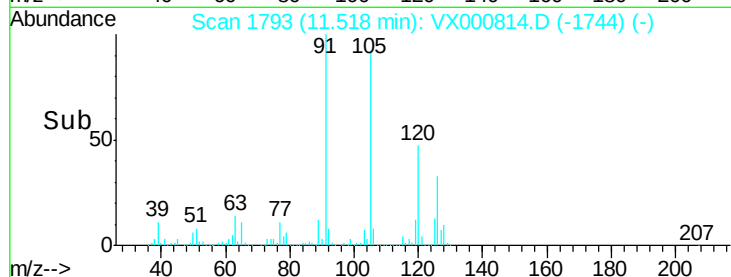
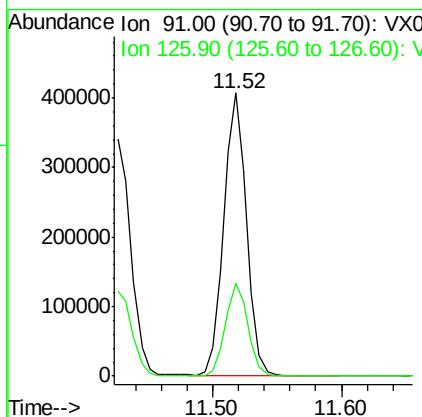
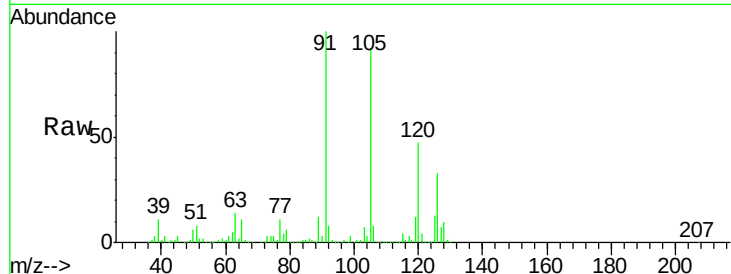
#82
4-Chlorotoluene
Concen: 48.35 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	507184		
126	32.5	16.2	48.6	

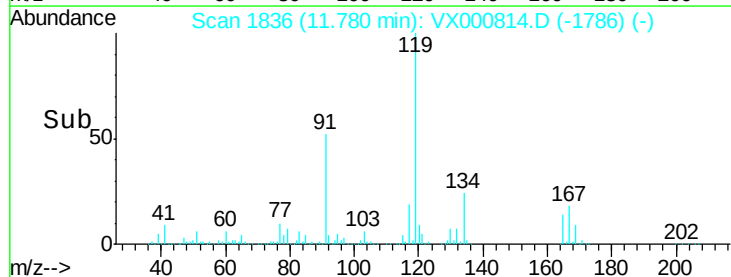
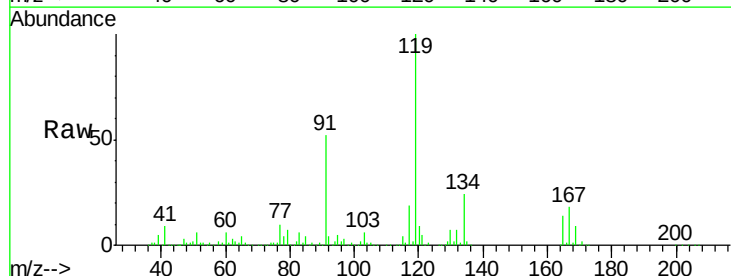
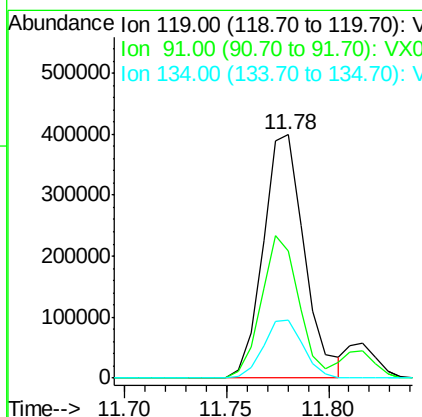
Manual Integrations
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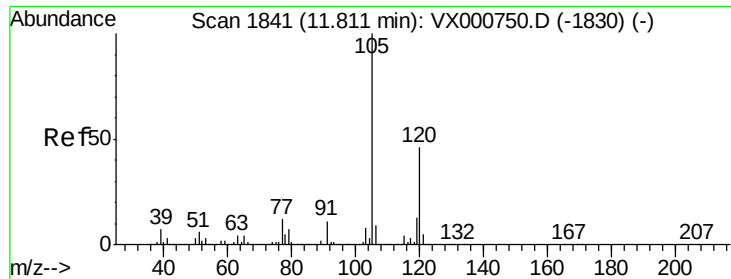
apatel
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#83
tert-Butylbenzene
Concen: 49.76 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	562815		
91	53.1	26.8	80.3	
134	22.9	11.5	34.4	





#84

1,2,4-Trimethylbenzene

Concen: 48.41 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tot Ion:105 Resp: 552484

Ion Ratio Lower Upper

105 100

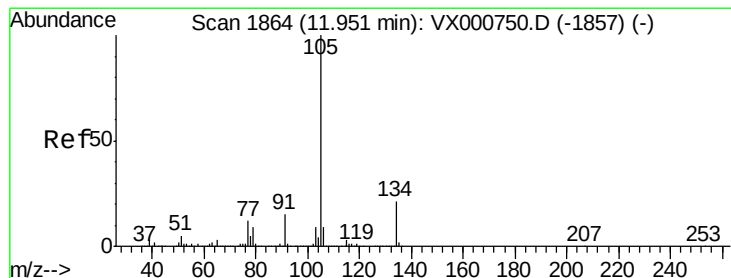
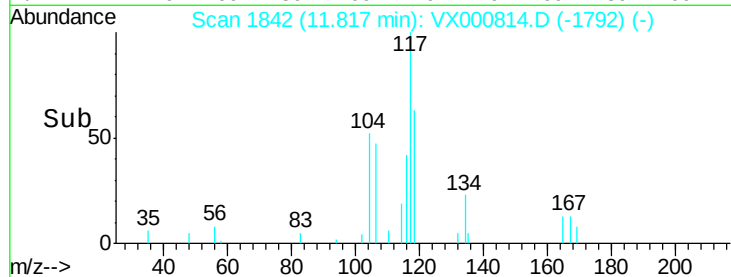
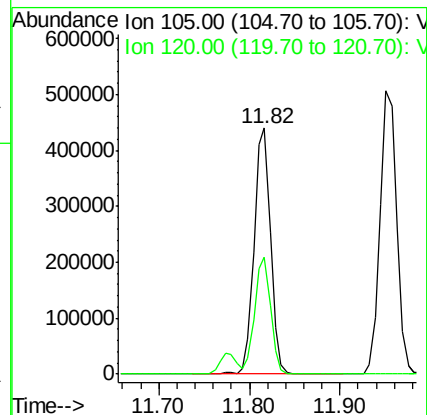
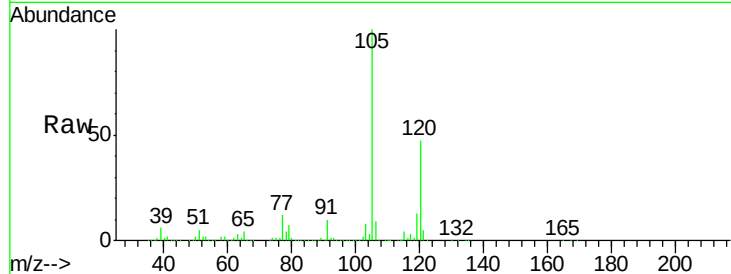
120 46.2 23.1 69.3

Manual Integrations

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#85

sec-Butylbenzene

Concen: 48.42 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000814.D

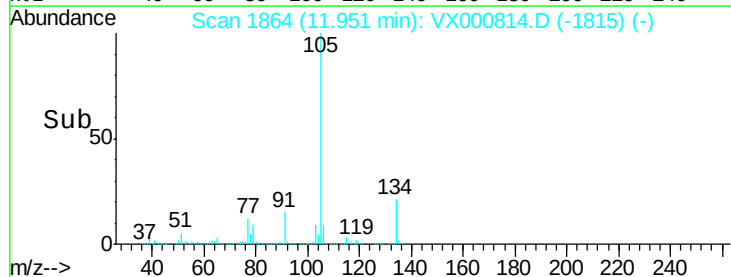
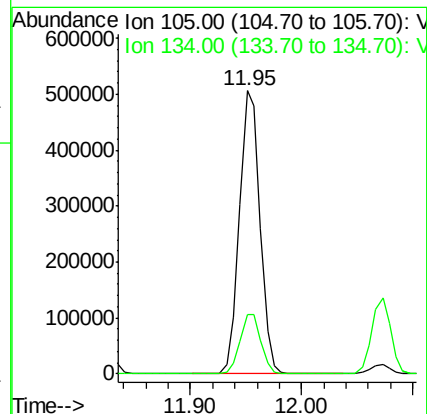
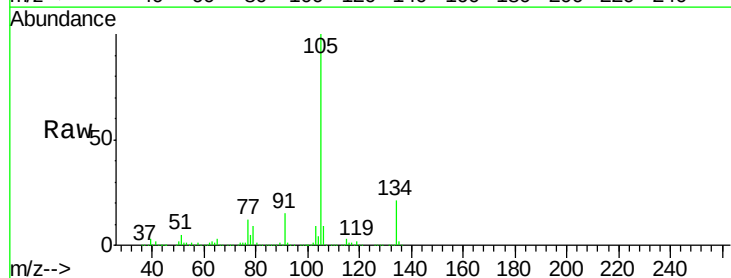
Acq: 12 Apr 2018 20:22

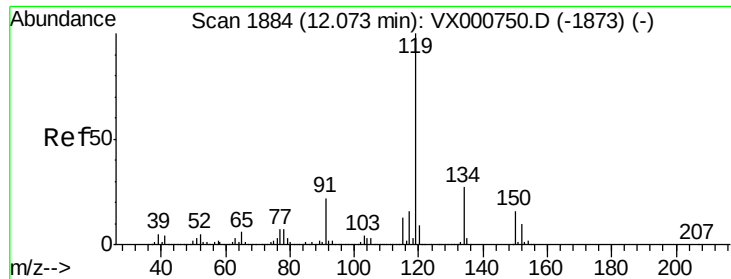
Tgt Ion:105 Resp: 646048

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4





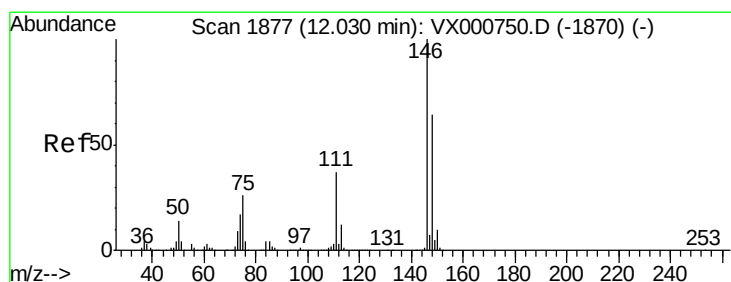
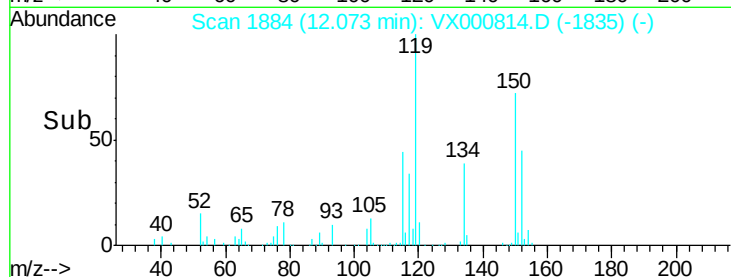
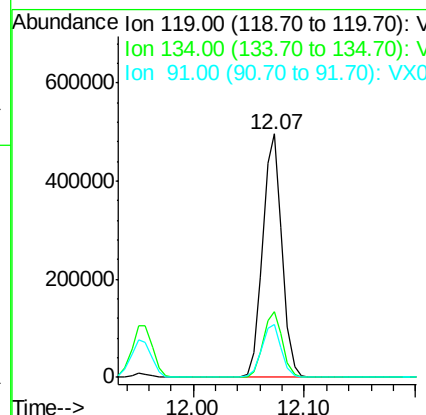
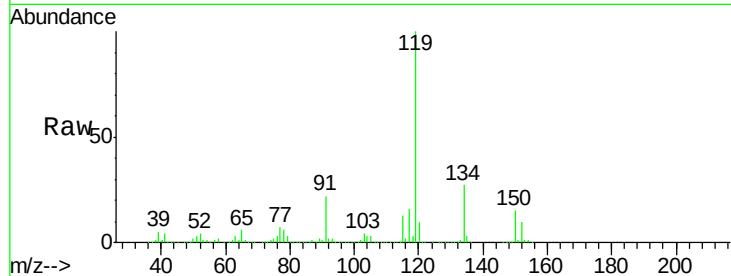
#86
 p-Isopropyltoluene
 Concen: 47.96 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	596750		
134	27.2		13.6	40.7
91	22.1		11.2	33.5

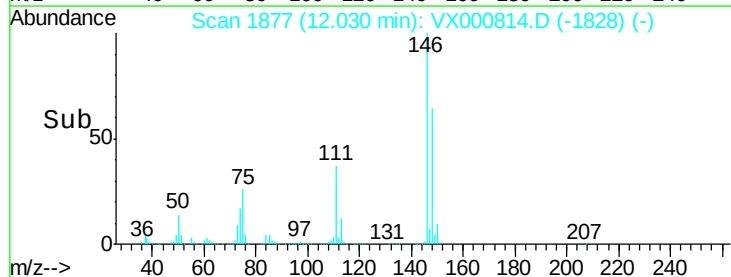
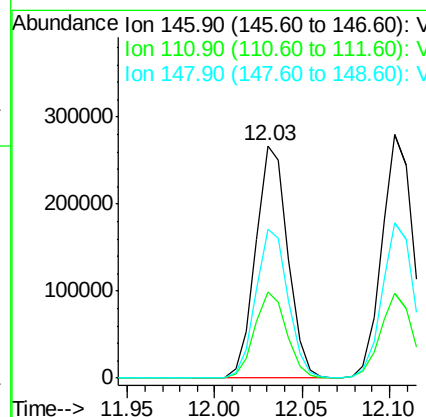
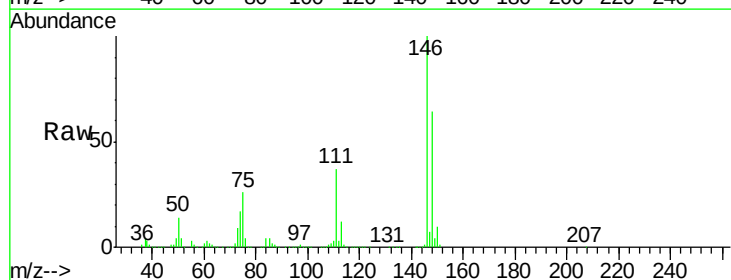
Manual Integrations
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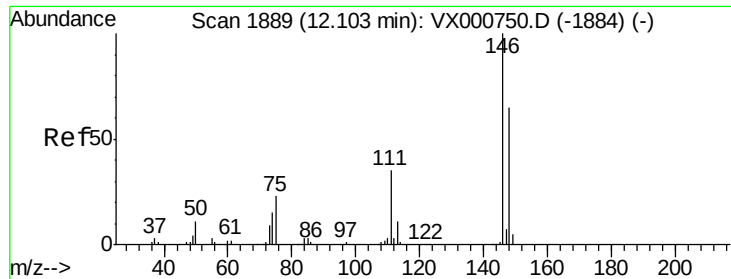
apatel
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#87
 1,3-Dichlorobenzene
 Concen: 48.94 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	341249		
111	36.6		18.3	54.8
148	64.1		32.2	96.6





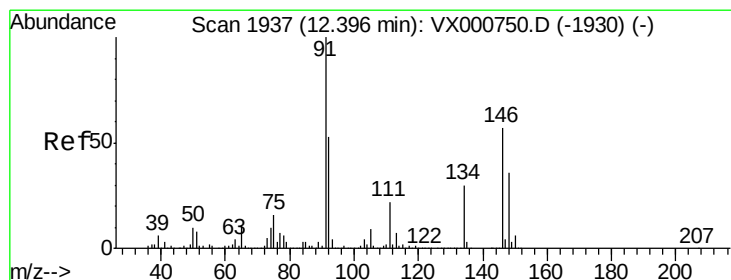
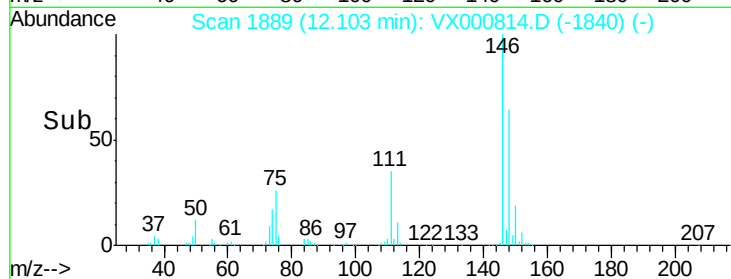
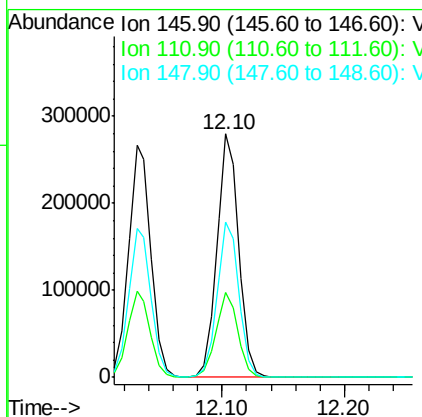
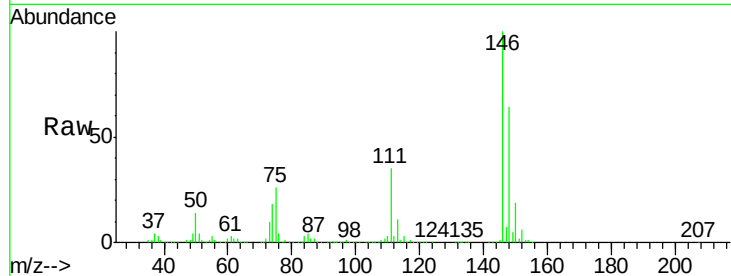
#88
 1,4-Dichlorobenzene
 Concen: 48.47 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampled :
 MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	346368		
111	35.4	17.9	53.8	
148	64.1	32.6	97.7	

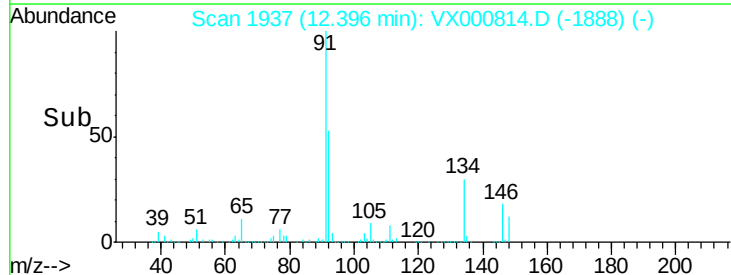
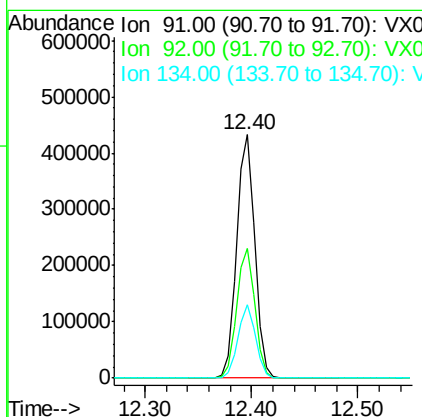
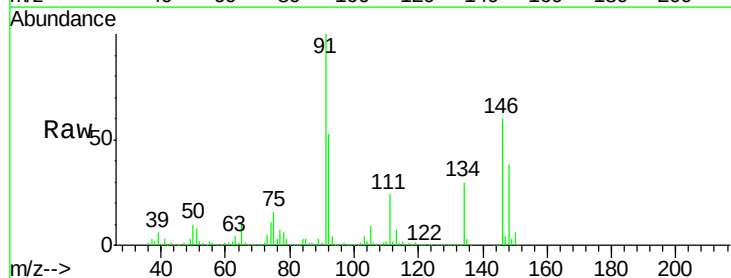
Manual Integrations
 APPROVED

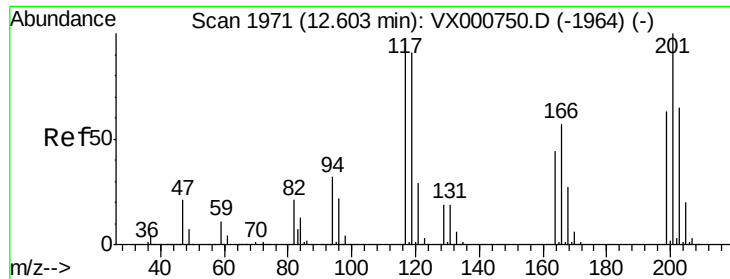
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#89
 n-Butylbenzene
 Concen: 47.06 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	516848		
92	53.4	26.5	79.5	
134	29.2	14.5	43.5	





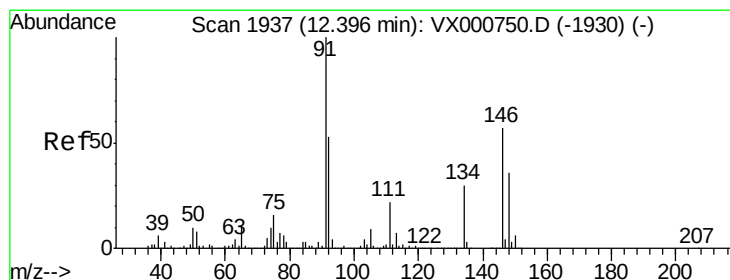
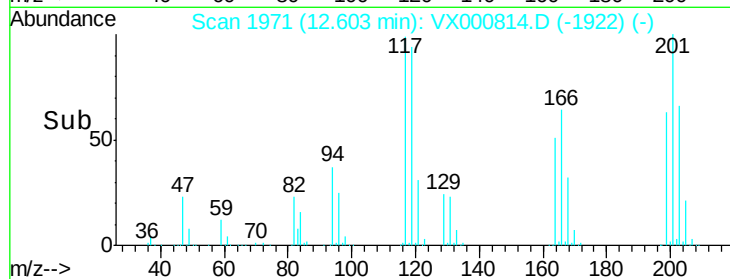
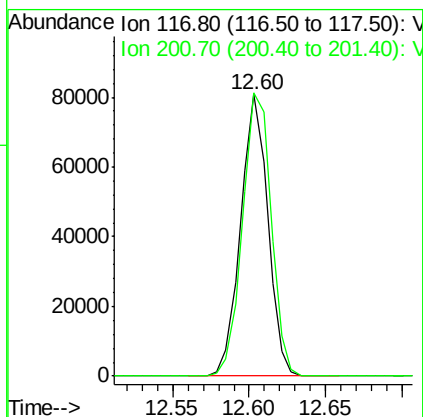
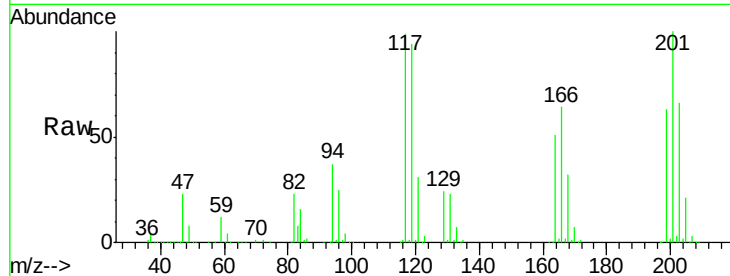
#90
Hexachloroethane
Concen: 47.29 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampled :
MW-101MSD

Tot Ion:117 Resp: 99573
Ion Ratio Lower Upper
117 100
201 106.2 52.9 158.7

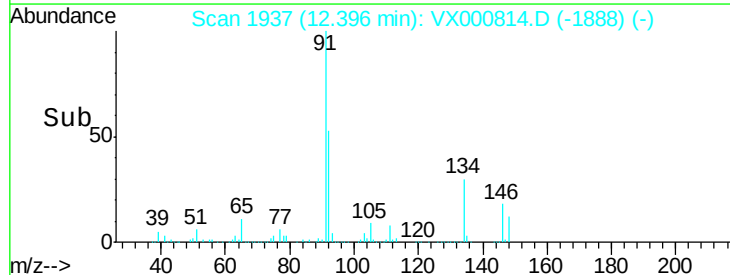
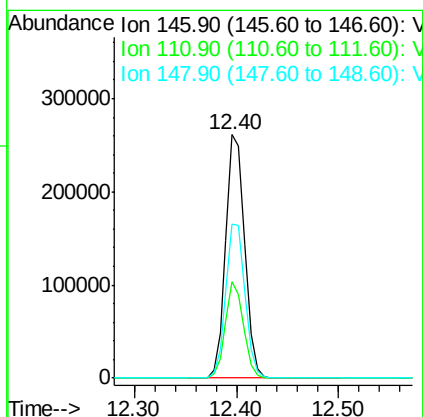
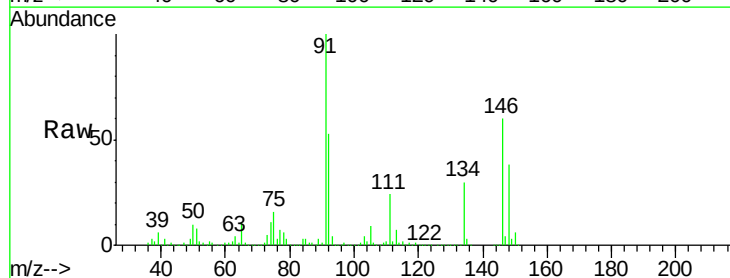
Manual Integrations
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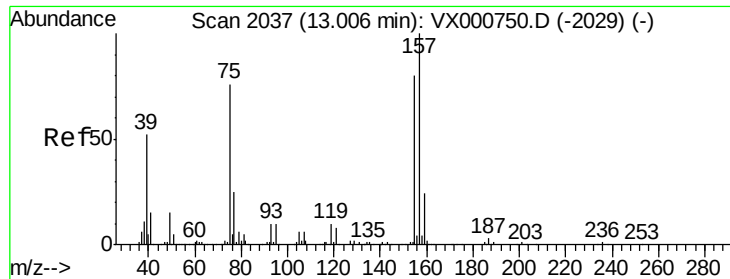
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#91
1,2-Dichlorobenzene
Concen: 50.04 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion:146 Resp: 336832
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 64.1 32.0 96.2





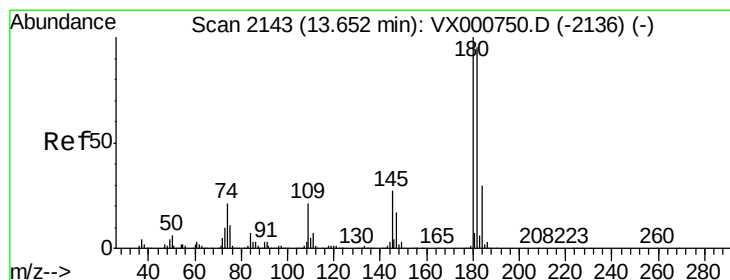
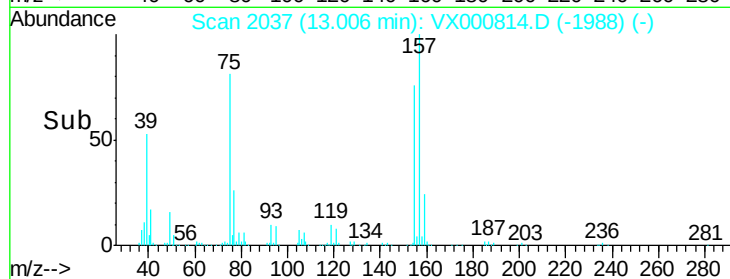
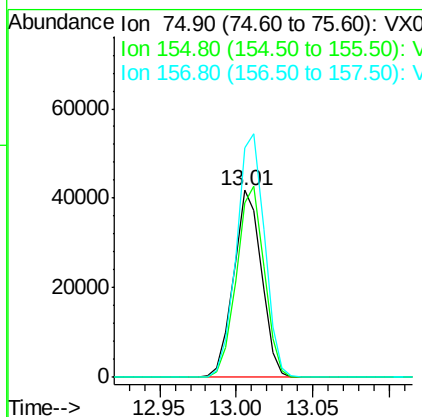
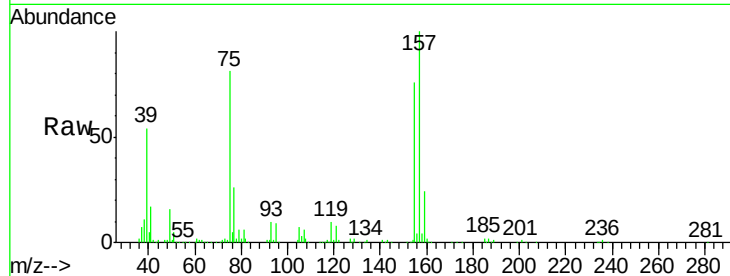
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.32 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampled :
 MW-101MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	102.1	51.9	155.8
157	131.7	66.6	199.8

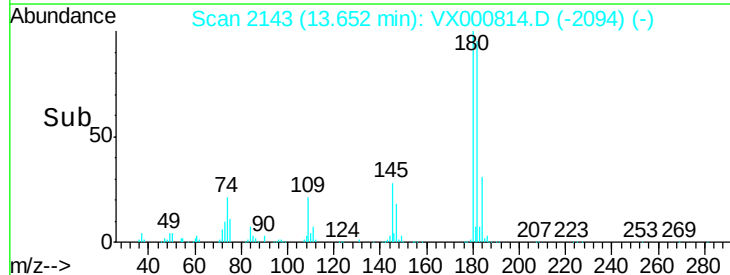
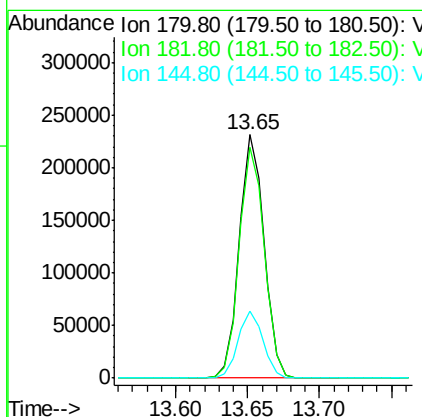
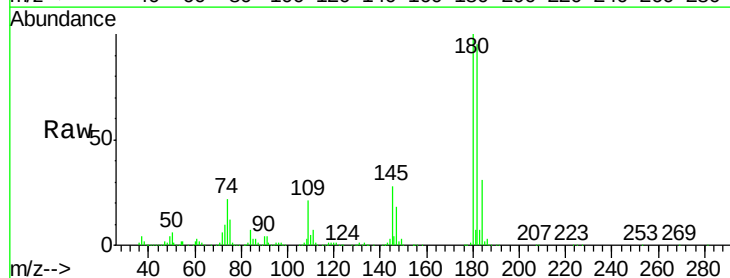
Manual Integrations
 APPROVED

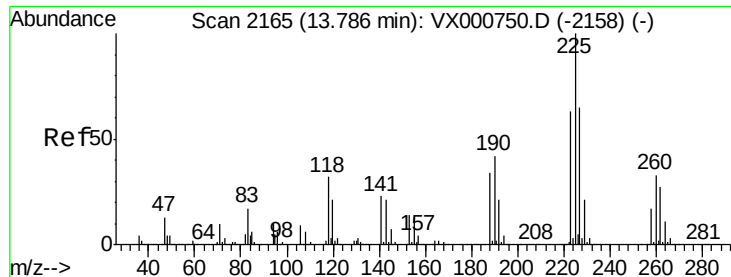
apatel
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#93
 1,2,4-Trichlorobenzene
 Concen: 48.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.5
145	27.6	13.8	41.4





#94

Hexachlorobutadiene

Concen: 46.28 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

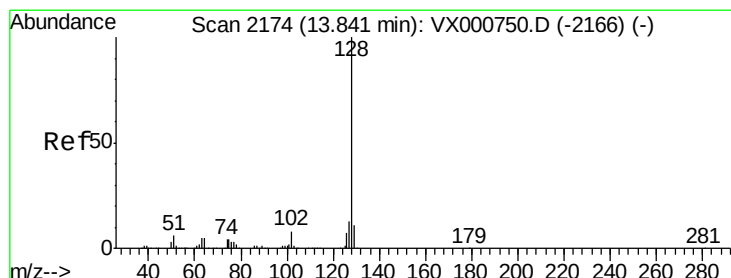
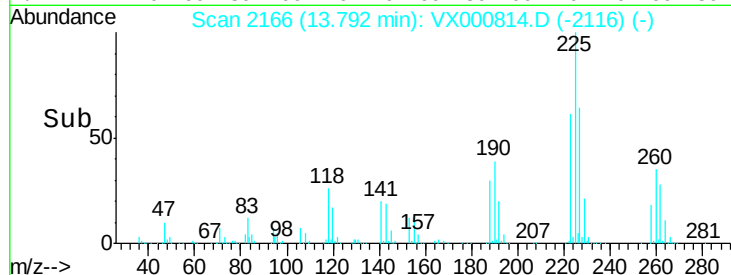
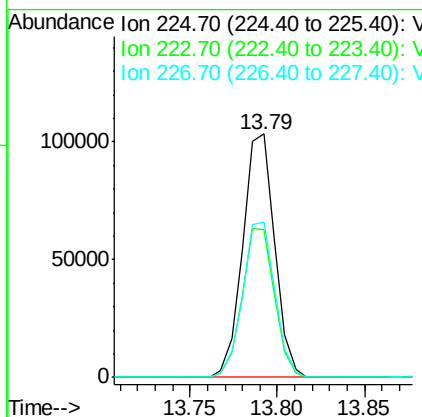
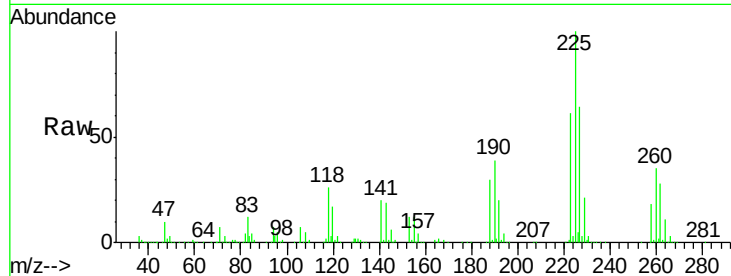
ClientSampled :

MW-101MSD

Tot Ion:	225	Resp:	130726
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.2	93.6
227	64.3	32.3	96.9

Manual Integrations
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#95

Naphthalene

Concen: 54.30 ug/l

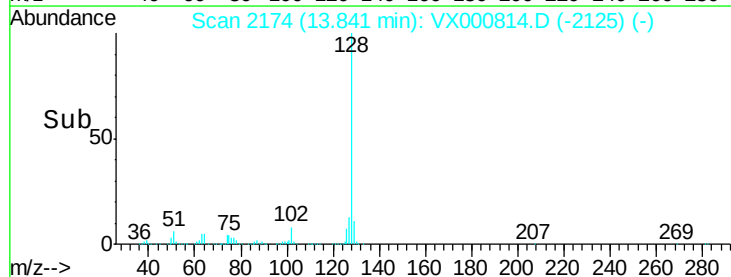
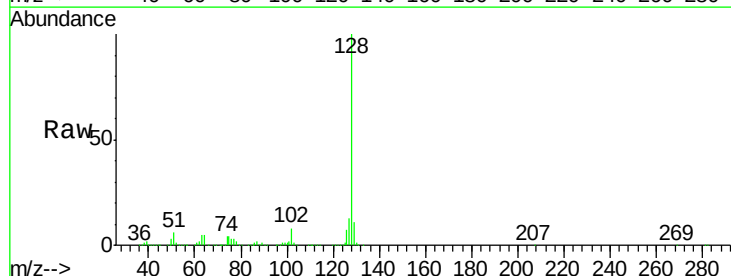
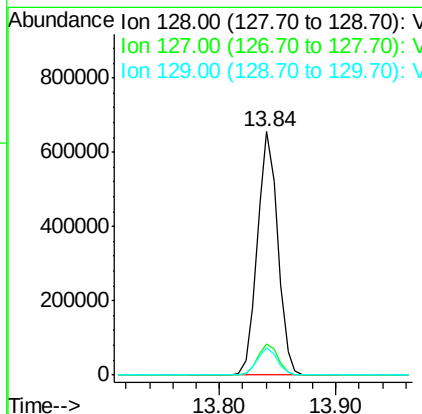
RT: 13.84 min Scan# 2174

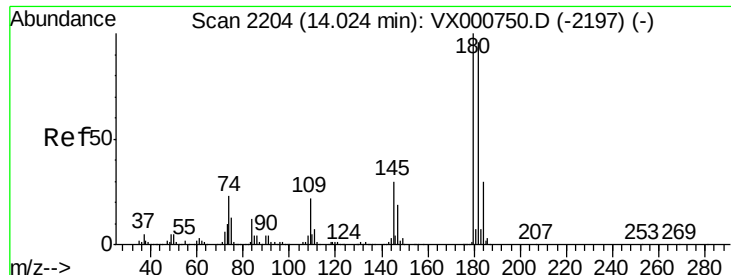
Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Tgt Ion:	128	Resp:	800644
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 49.04 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	273603		
182	97.0		48.4	145.2
145	29.5		14.6	43.8

Manual Integrations
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 4/13/2018 2:58:06 PM

