

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004314.D
 Acq On : 30 Aug 2018 01:38
 Operator : JC/MD
 Sample : J4681-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:40 PM

Quant Time: Aug 30 07:45:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	294153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237196	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186499	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
35) Dibromofluoromethane	5.50	113	163301	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.72	98	601481	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.14	95	224312	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	163061	47.86	ug/l	95
3) Chloromethane	1.32	50	182118	48.37	ug/l	100
4) Vinyl Chloride	1.40	62	191941	49.80	ug/l	99
5) Bromomethane	1.63	94	88125	46.23	ug/l	99
6) Chloroethane	1.71	64	127893	46.71	ug/l	99
7) Trichlorofluoromethane	1.92	101	258978	49.03	ug/l	95
8) Diethyl Ether	2.18	74	117954	52.15	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	156412	47.28	ug/l	99
10) Methyl Iodide	2.51	142	178913	48.11	ug/l	99
11) Tert butyl alcohol	3.09	59	230884	282.51	ug/l	100
12) 1,1-Dichloroethene	2.37	96	152051	48.79	ug/l	98
13) Acrolein	2.29	56	53811	273.11	ug/l	98
14) Allyl chloride	2.72	41	279190	48.76	ug/l	97
15) Acrylonitrile	3.15	53	537850	265.75	ug/l	100
16) Acetone	2.45	43	446524	286.49	ug/l	99
17) Carbon Disulfide	2.56	76	399381	46.21	ug/l	99
18) Methyl Acetate	2.78	43	256992	45.17	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	529307	51.54	ug/l	98
20) Methylene Chloride	2.85	84	178951	48.49	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	165760	48.06	ug/l	95
22) Diisopropyl ether	3.87	45	531007	49.67	ug/l	99
23) Vinyl Acetate	3.82	43	1415335	163.36	ug/l	99
24) 1,1-Dichloroethane	3.69	63	322662	51.79	ug/l	99
25) 2-Butanone	4.71	43	708951	276.27	ug/l	99
26) 2,2-Dichloropropane	4.58	77	131773	26.97	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	193075	49.35	ug/l	95
28) Bromochloromethane	5.02	49	143469	52.02	ug/l	99
29) Tetrahydrofuran	5.17	42	449148	272.67	ug/l	99
30) Chloroform	5.21	83	319674	51.18	ug/l	97
31) Cyclohexane	5.57	56	261007	48.56	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	267670	51.39	ug/l	99
36) 1,1-Dichloropropene	5.79	75	235364	48.61	ug/l	99
37) Ethyl Acetate	4.86	43	178001	37.38	ug/l	99
38) Carbon Tetrachloride	5.78	117	231302	50.78	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	251851	45.56	ug/l	99
40) Benzene	6.14	78	733123	50.67	ug/l	99
41) Methacrylonitrile	5.06	41	149434	54.14	ug/l	99
42) 1,2-Dichloroethane	6.20	62	246488	49.95	ug/l	99
43) Isopropyl Acetate	6.47	43	312808	42.75	ug/l	100
44) Trichloroethene	7.21	130	192787	48.14	ug/l	99
45) 1,2-Dichloropropane	7.52	63	189739	52.40	ug/l	99
46) Dibromomethane	7.67	93	120489	49.97	ug/l	98
47) Bromodichloromethane	7.90	83	235890	52.58	ug/l	98
48) Methyl methacrylate	7.78	41	213192	54.45	ug/l	99
49) 1,4-Dioxane	7.76	88	100193	1127.08	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1391983	261.82	ug/l	100
52) Toluene	8.79	92	461936	51.01	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	237843	48.00	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	256127	47.45	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	189802	51.92	ug/l	99
56) Ethyl methacrylate	9.18	69	275542	55.36	ug/l	99
57) 1,3-Dichloropropane	9.37	76	320429	52.00	ug/l	99
59) 2-Hexanone	9.50	43	1072162	264.34	ug/l	100
60) Dibromochloromethane	9.59	129	189700	53.26	ug/l	99
61) 1,2-Dibromoethane	9.68	107	193907	51.25	ug/l	100
64) Tetrachloroethene	9.34	164	218768	55.91	ug/l	98
65) Chlorobenzene	10.14	112	484883	48.78	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	177603	51.80	ug/l	99
67) Ethyl Benzene	10.26	91	813046	50.36	ug/l	98
68) m/p-Xylenes	10.36	106	670702	106.24	ug/l	98
69) o-Xylene	10.70	106	332051	55.61	ug/l	99
70) Styrene	10.71	104	538149	55.66	ug/l	98
71) Bromoform	10.86	173	150392	54.41	ug/l	99
73) Isopropylbenzene	11.02	105	881310	56.57	ug/l	99
74) N-amyl acetate	10.90	43	232083	38.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	299154	54.87	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	261802m	54.27	ug/l	
77) Bromobenzene	11.26	156	237843	54.43	ug/l	99
78) n-propylbenzene	11.36	91	1004453	56.06	ug/l	100
79) 2-Chlorotoluene	11.42	91	590424	53.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	733866	56.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	71809	48.30	ug/l	98
82) 4-Chlorotoluene	11.51	91	699424	53.90	ug/l	100
83) tert-Butylbenzene	11.77	119	739546	56.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	756841	57.15	ug/l	99
85) sec-Butylbenzene	11.95	105	861306	55.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	740185	53.59	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	427114	51.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	408838	47.13	ug/l	97
89) n-Butylbenzene	12.39	91	584155	52.02	ug/l	97
90) Hexachloroethane	12.60	117	108994	56.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	414610	55.14	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54401	56.65	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	284890	52.07	ug/l	98

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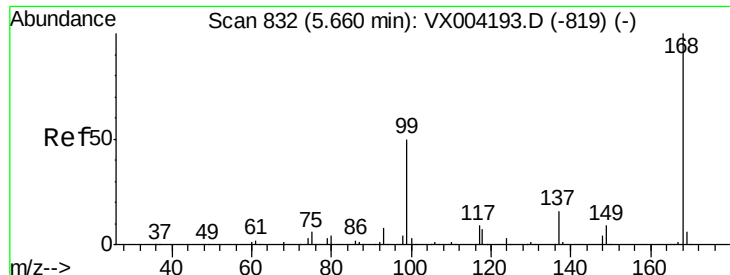
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	136075	53.47	ug/l	98
95) Naphthalene	13.83	128	975110	63.01	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	325549	56.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:168 Resp: 294153

Ion Ratio Lower Upper

168 100

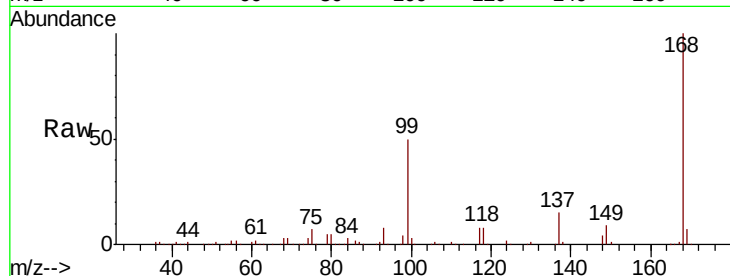
99 50.3 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

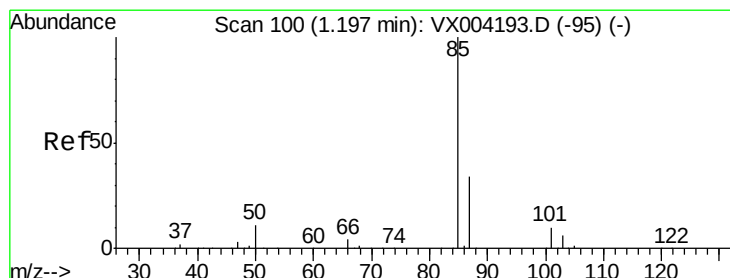
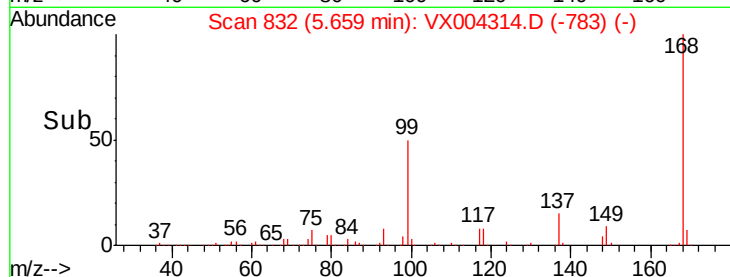
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.86 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004314.D

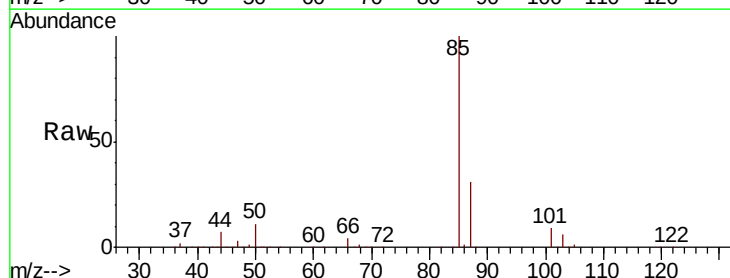
Acq: 30 Aug 2018 01:38

Tgt Ion: 85 Resp: 163061

Ion Ratio Lower Upper

85 100

87 31.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

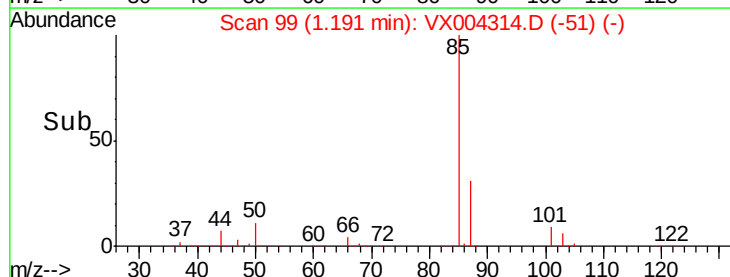
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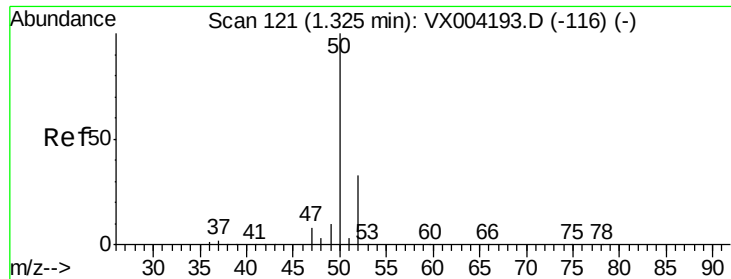
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50000

0

Time-->





#3

Chloromethane

Concen: 48.37 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 50 Resp: 182118

Ion Ratio Lower Upper

50 100

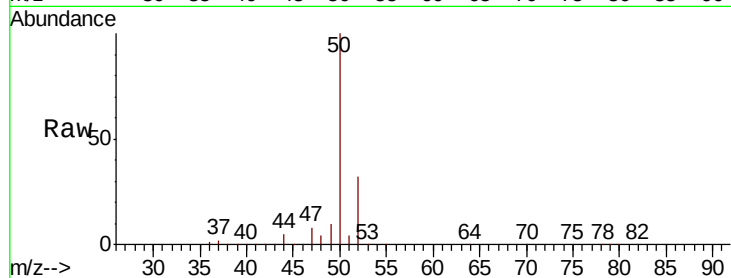
52 32.5 26.2 39.2

Manual Integrations

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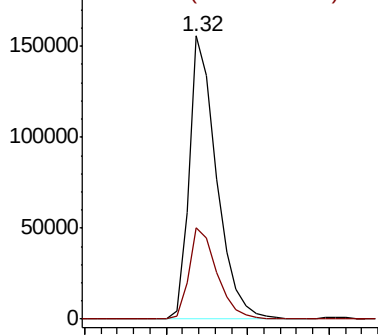
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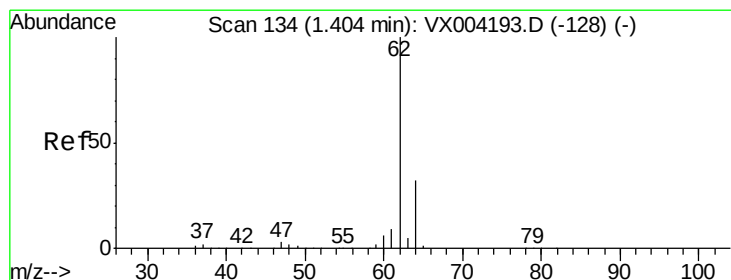
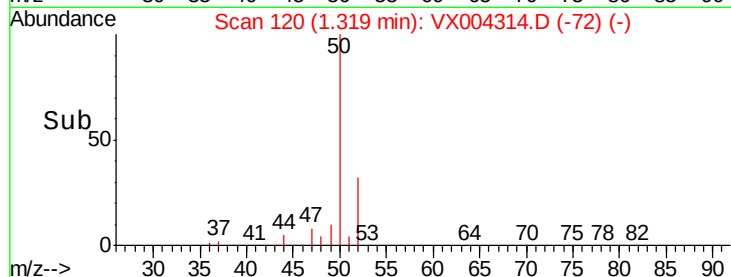


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 49.80 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004314.D

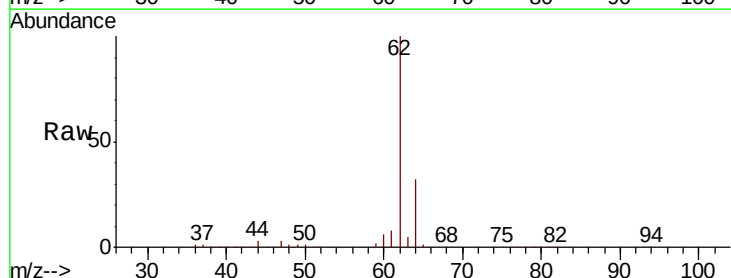
Acq: 30 Aug 2018 01:38

Tgt Ion: 62 Resp: 191941

Ion Ratio Lower Upper

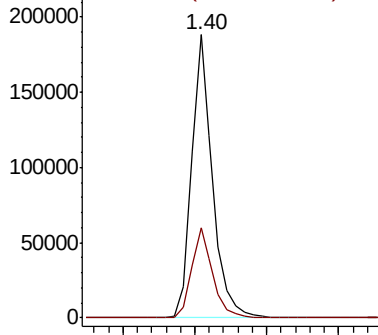
62 100

64 31.8 25.8 38.8

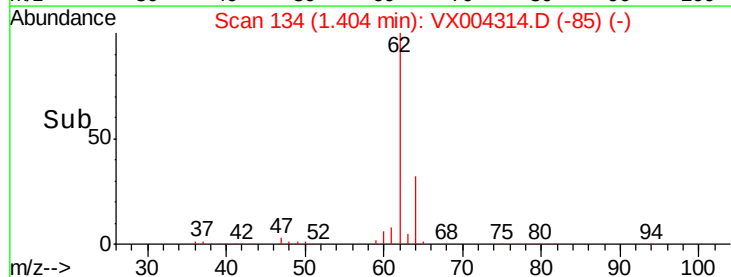


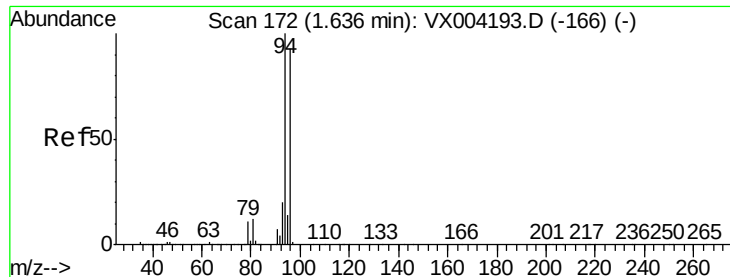
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 46.23 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

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CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 94 Resp: 88125

Ion Ratio Lower Upper

94 100

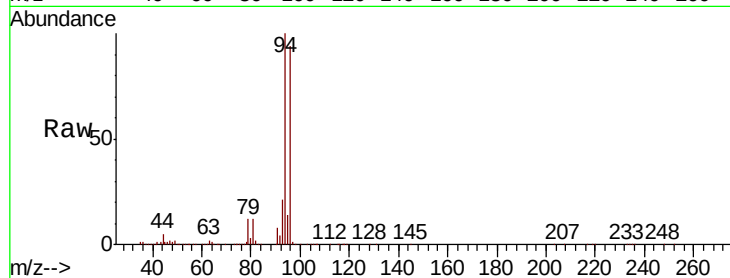
96 93.6 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

100000

80000

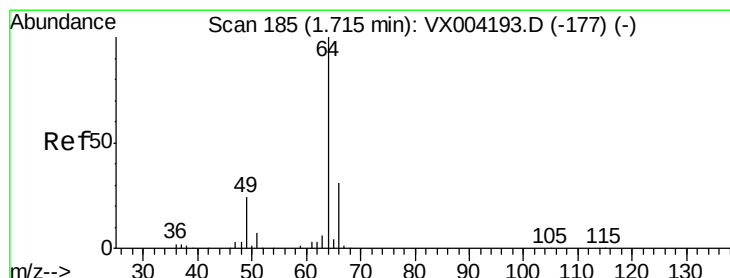
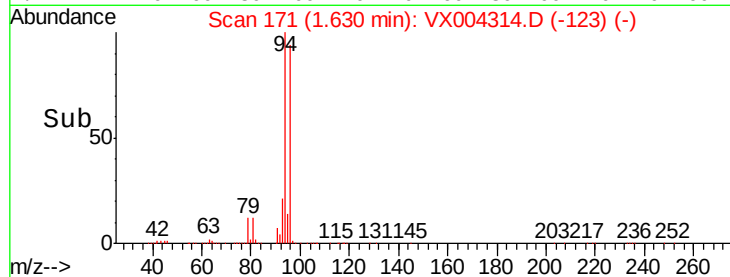
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 46.71 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004314.D

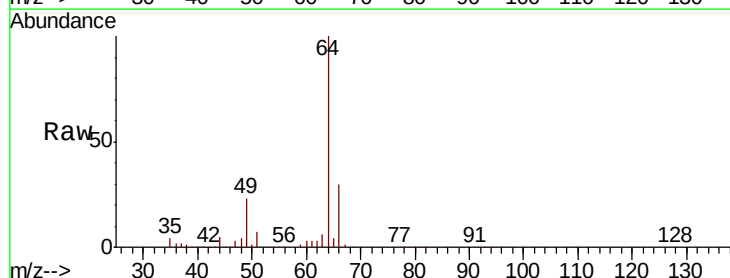
Acq: 30 Aug 2018 01:38

Tgt Ion: 64 Resp: 127893

Ion Ratio Lower Upper

64 100

66 30.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

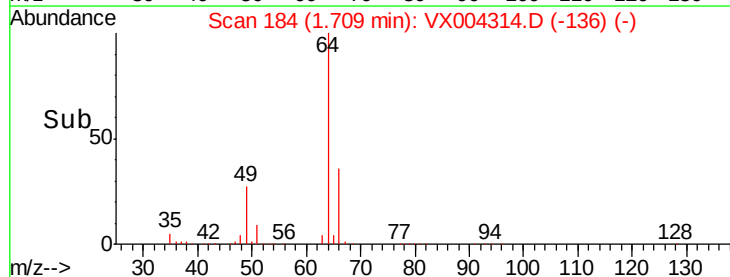
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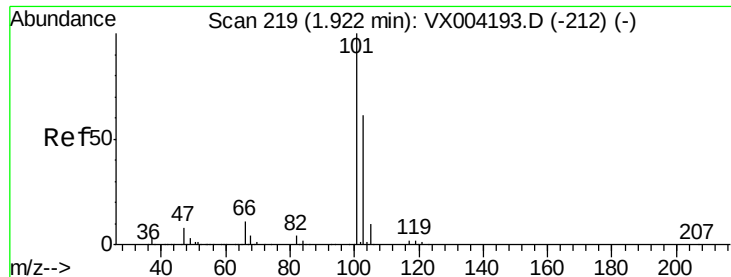
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20000

0

Time-->





#7

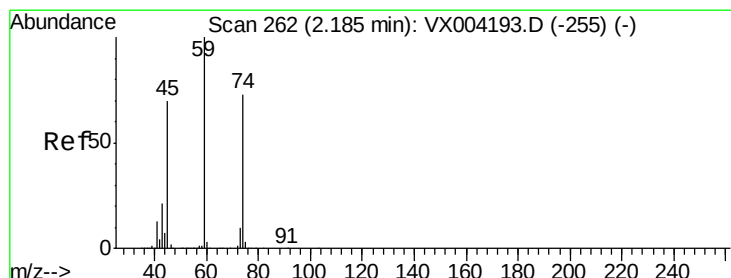
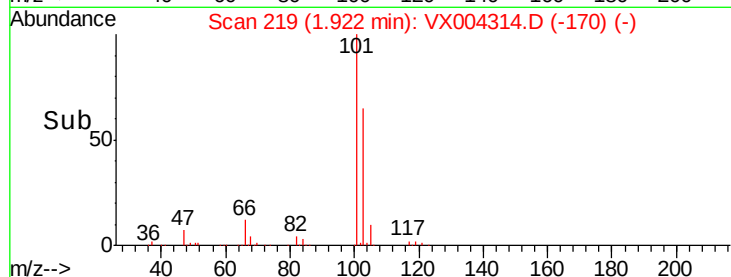
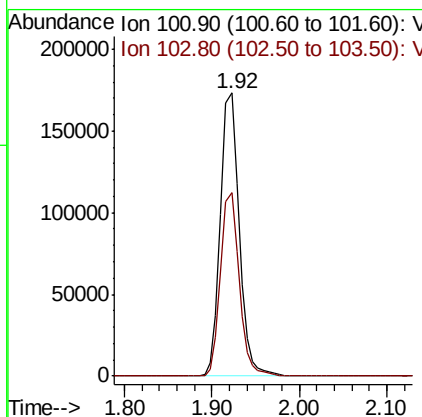
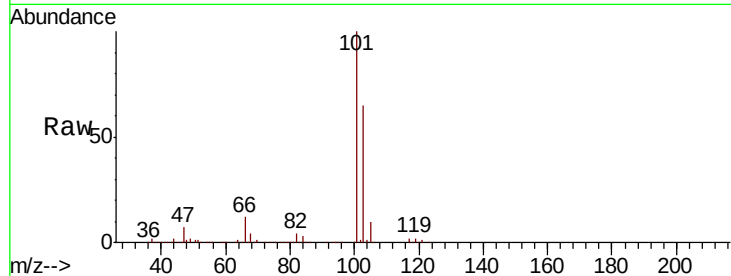
Trichlorofluoromethane
Concen: 49.03 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	258978		
103	64.8	48.9	73.3	

Manual Integrations
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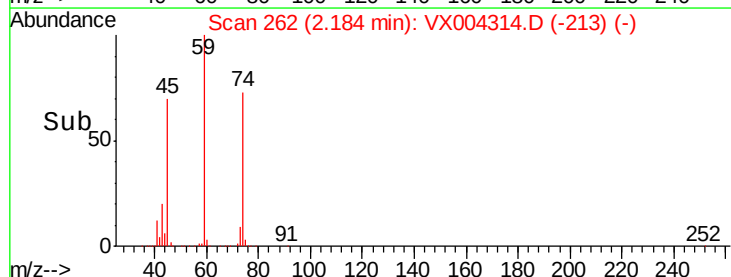
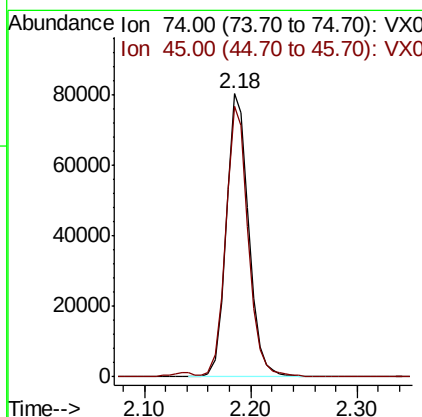
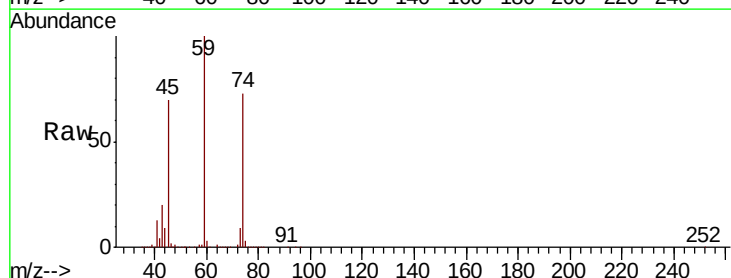
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8/30/2018 1:38:40 PM

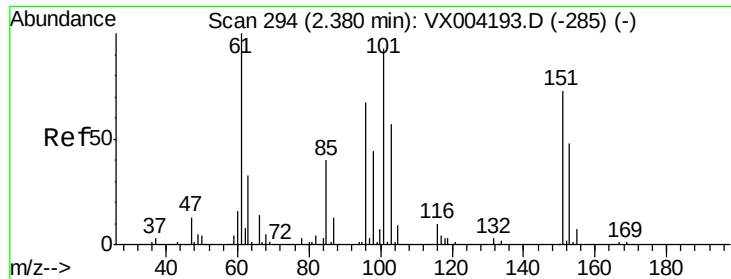


#8

Diethyl Ether
Concen: 52.15 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	117954		
45	94.8	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.28 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

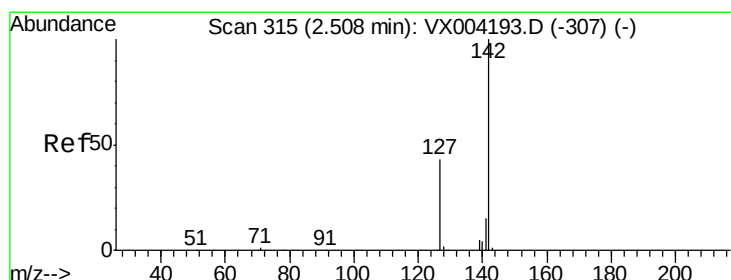
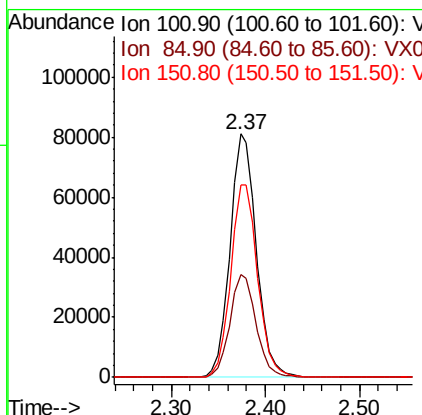
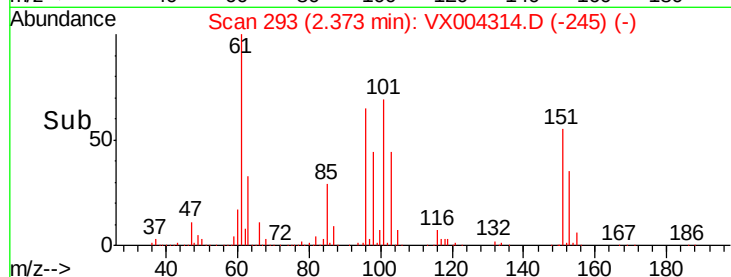
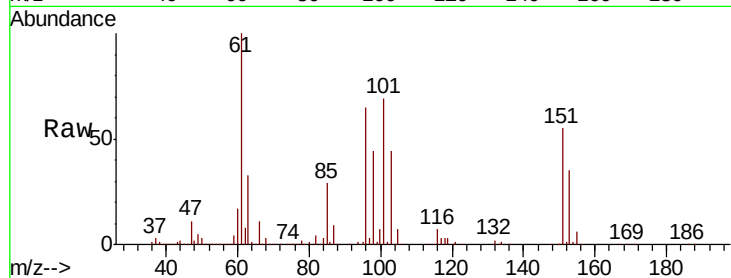
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	101	Resp:	156412
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.2	51.4
151	81.0	65.0	97.6

Manual Integrations
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8/30/2018 1:38:40 PM



#10

Methyl Iodide

Concen: 48.11 ug/l

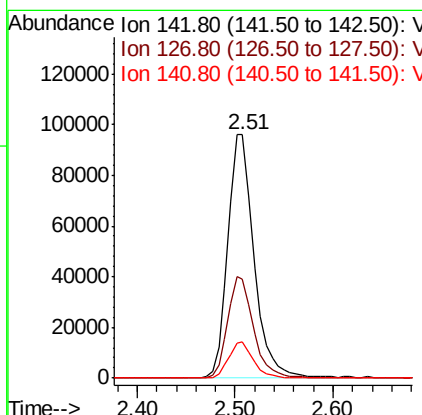
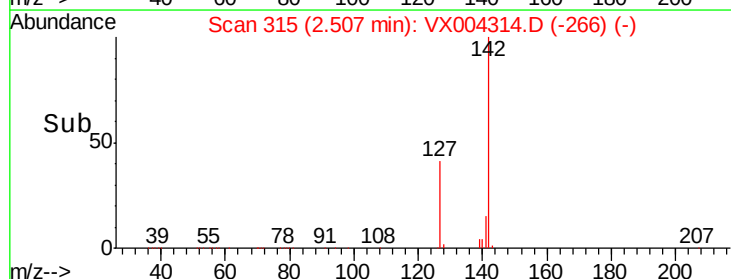
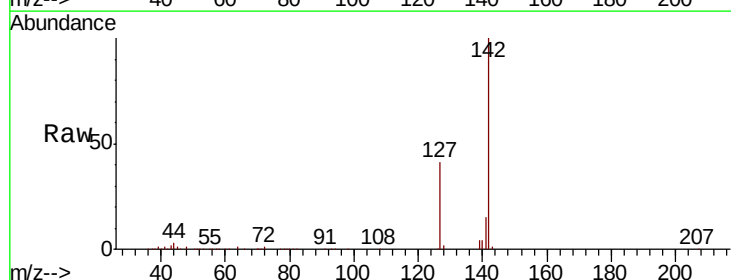
RT: 2.51 min Scan# 315

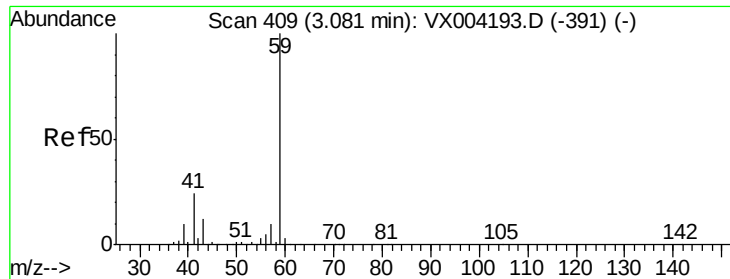
Delta R.T. 0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion:	142	Resp:	178913
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.8	50.6
141	14.2	11.4	17.0





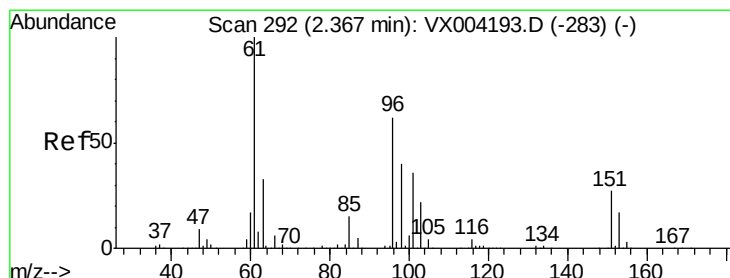
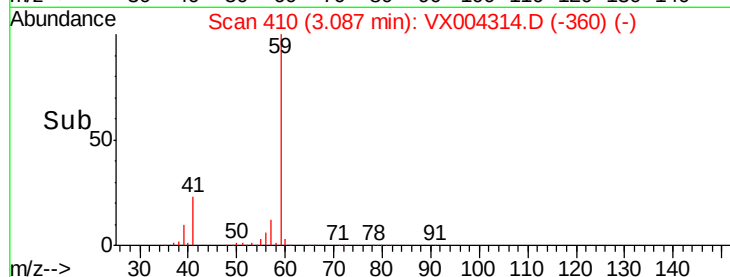
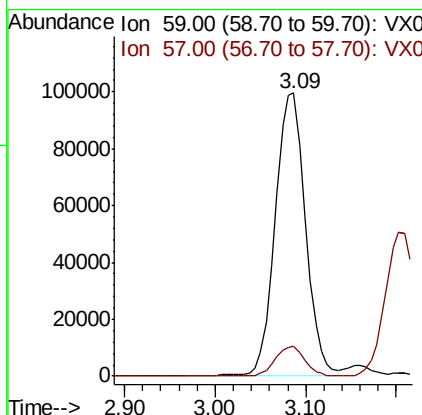
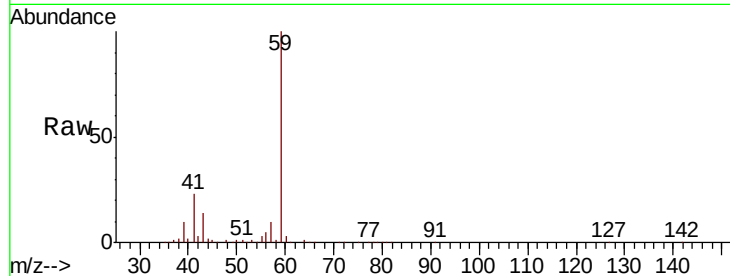
#11
Tert butyl alcohol
Concen: 282.51 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

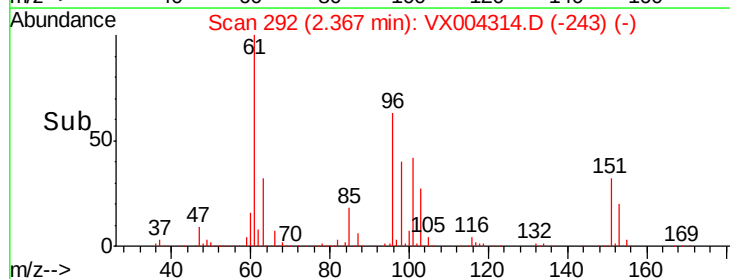
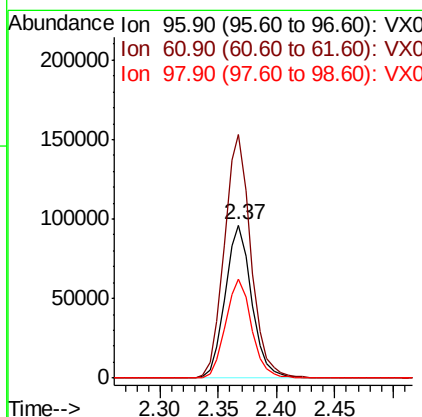
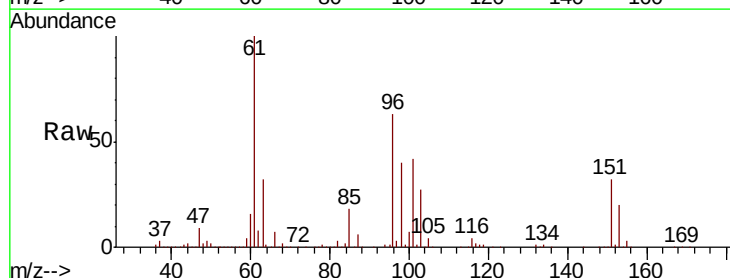
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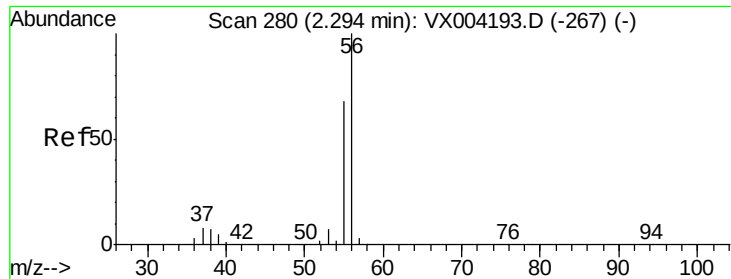
MMDadoda
8/30/2018 1:38:40 PM



#12
1,1-Dichloroethene
Concen: 48.79 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	128.8	193.2
98	64.3	52.2	78.2





#13

Acrolein

Concen: 273.11 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 56 Resp: 53811

Ion Ratio Lower Upper

56 100

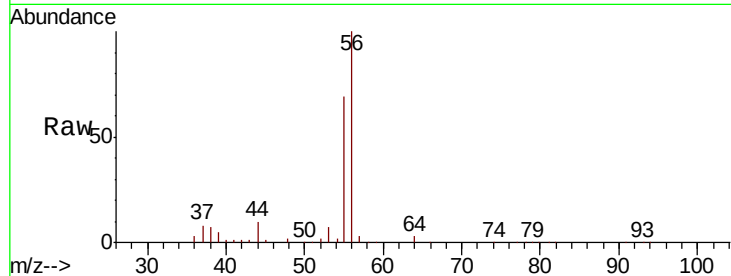
55 69.9 54.7 82.1

Manual Integrations

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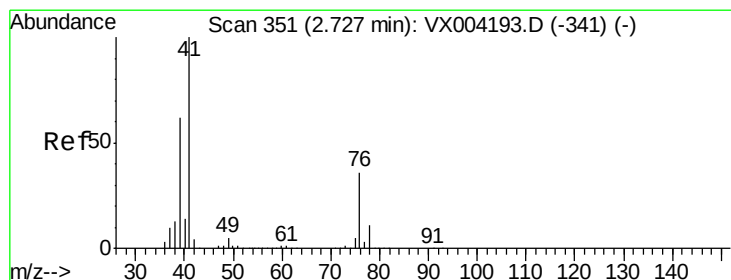
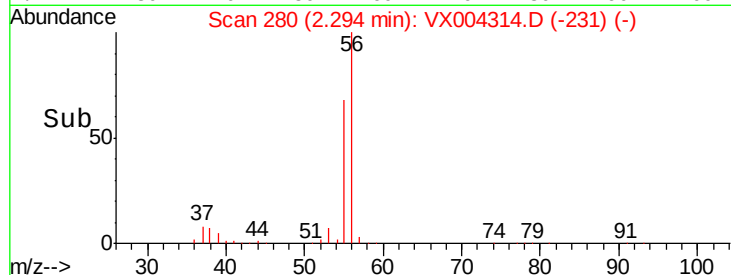
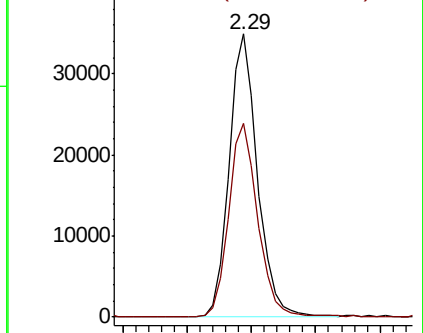
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.76 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

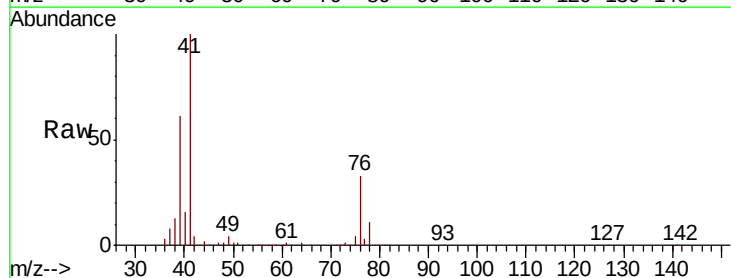
Tgt Ion: 41 Resp: 279190

Ion Ratio Lower Upper

41 100

39 58.7 48.9 73.3

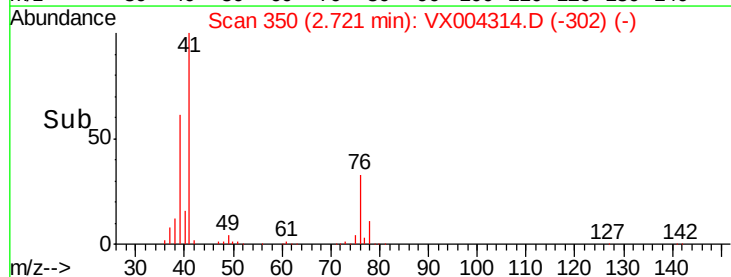
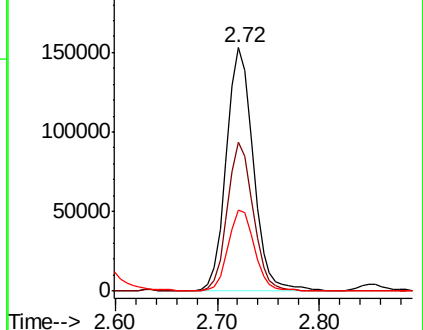
76 32.5 26.7 40.1

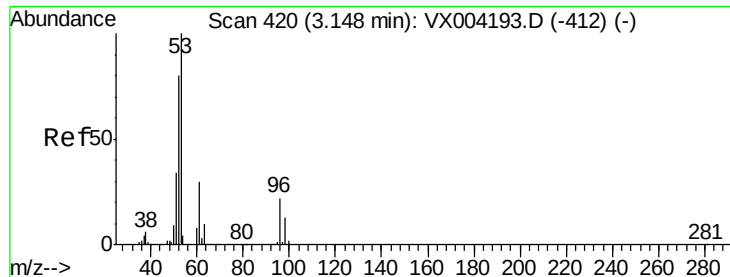


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 265.75 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

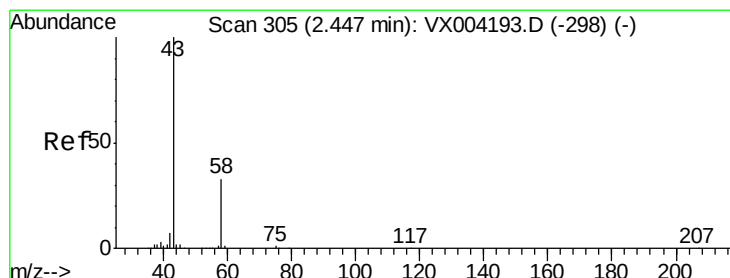
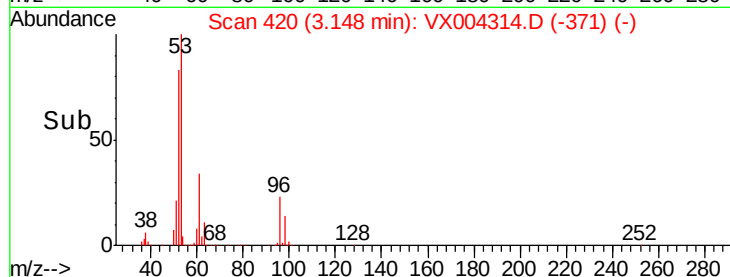
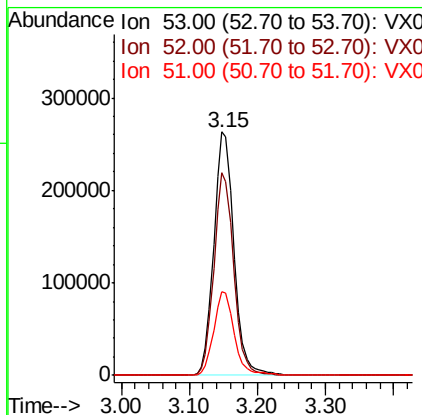
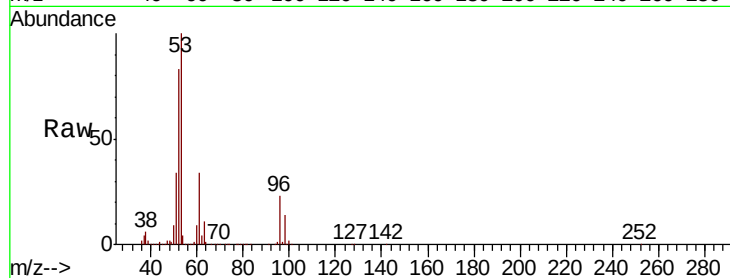
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	53	Resp:	537850
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.2	97.8
51	34.9	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 286.49 ug/l

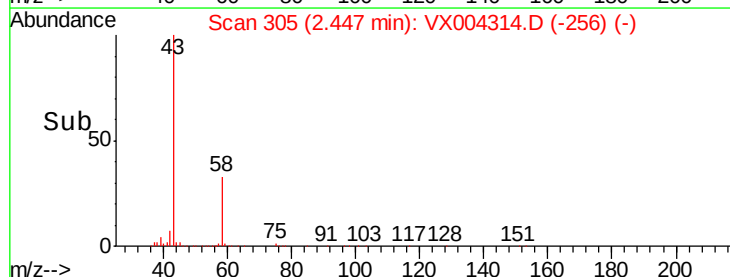
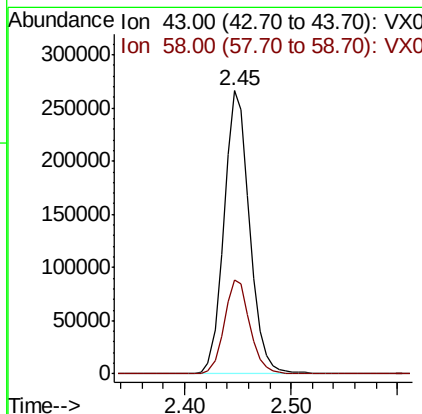
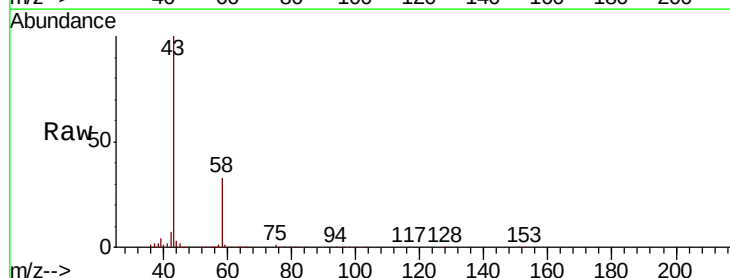
RT: 2.45 min Scan# 305

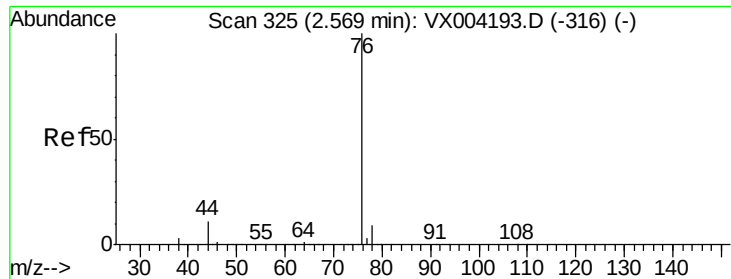
Delta R.T. 0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion:	43	Resp:	446524
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.2	39.4





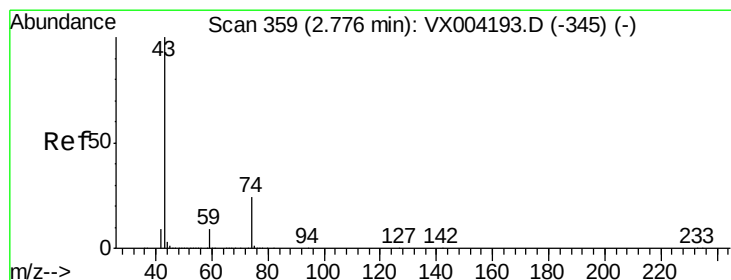
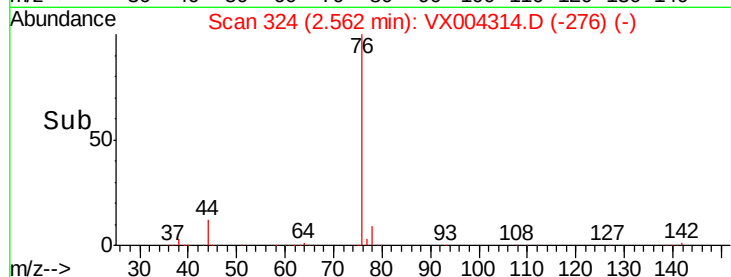
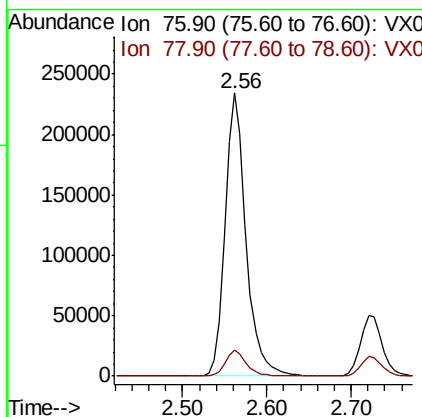
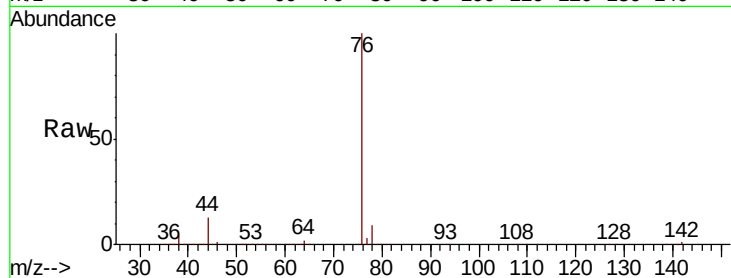
#17
Carbon Disulfide
Concen: 46.21 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

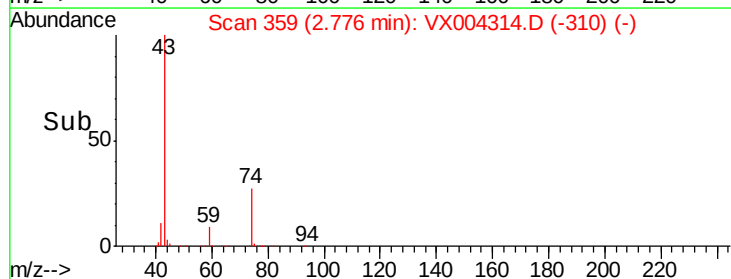
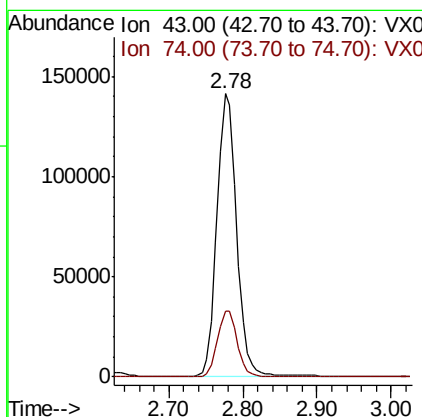
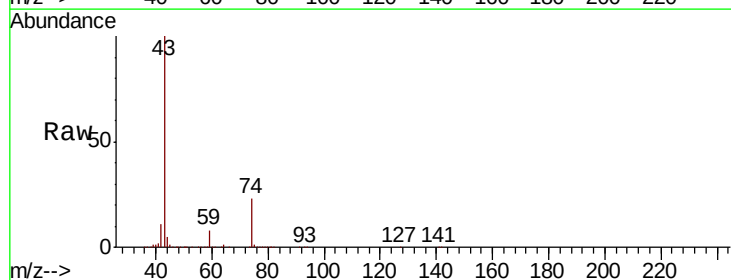
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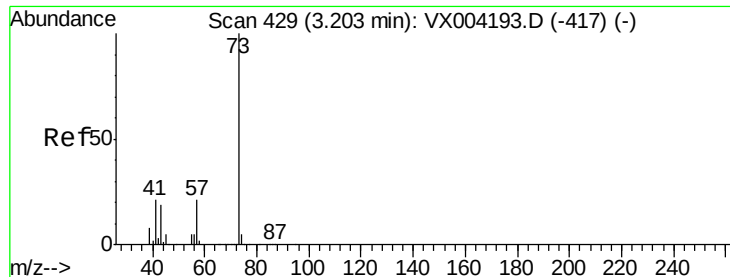
MMDadoda
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#18
Methyl Acetate
Concen: 45.17 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.4	29.2





#19

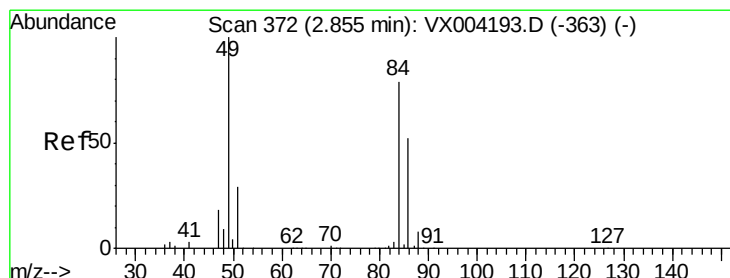
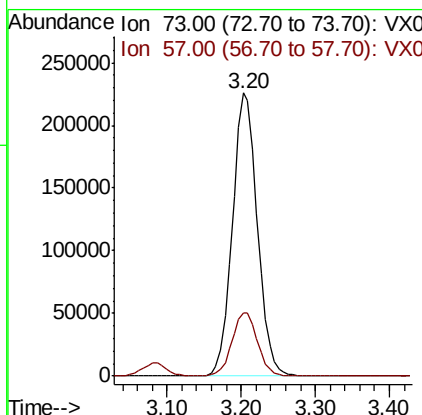
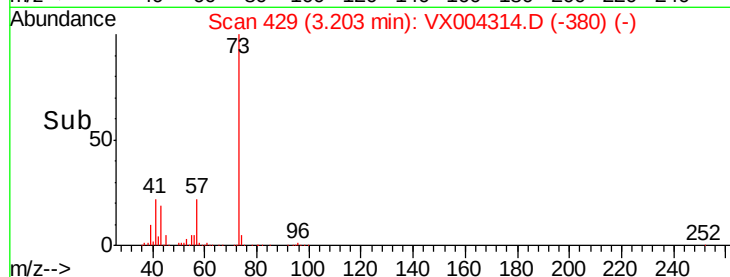
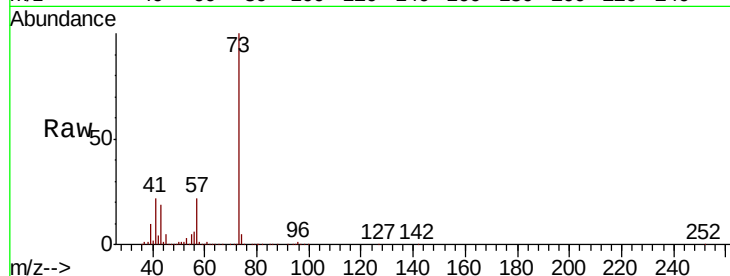
Methyl tert-butyl Ether
 Concen: 51.54 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.1	25.7

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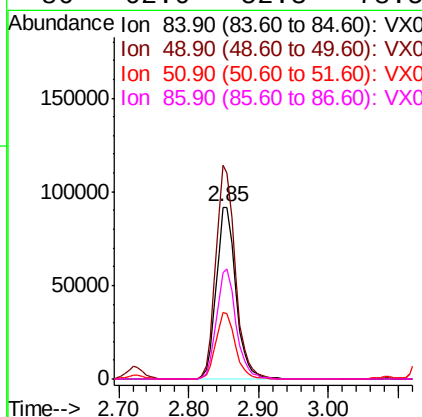
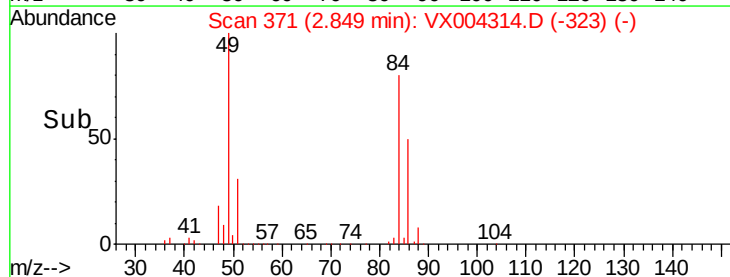
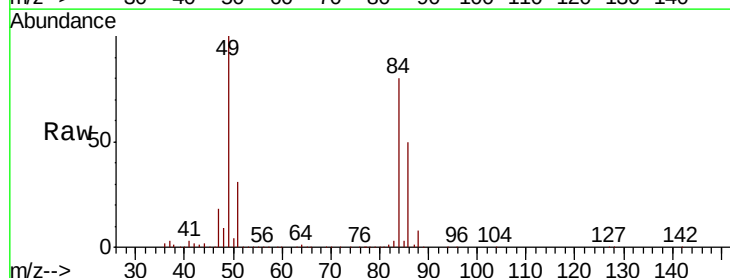
MMDadoda
 8/30/2018 1:38:40 PM

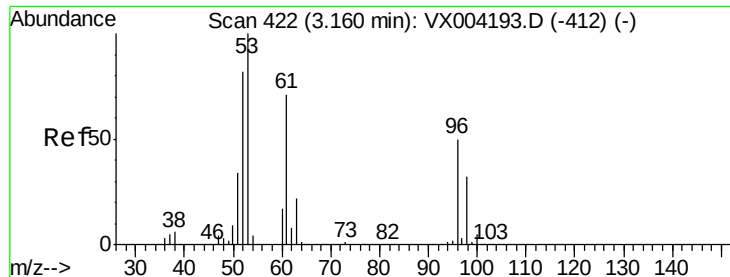


#20

Methylene Chloride
 Concen: 48.49 ug/l
 RT: 2.85 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.2	101.2	151.8
51	38.9	29.5	44.3
86	62.0	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 48.06 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 96 Resp: 165760

Ion Ratio Lower Upper

96 100

61 134.7 113.8 170.6

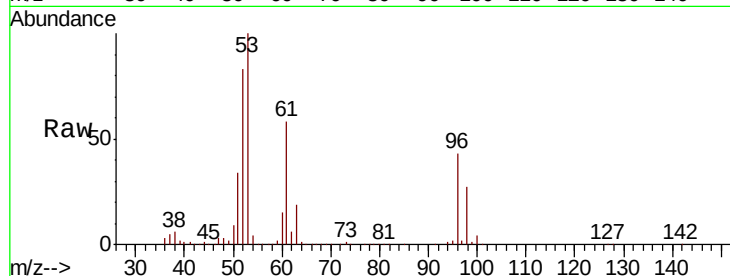
98 63.4 51.8 77.8

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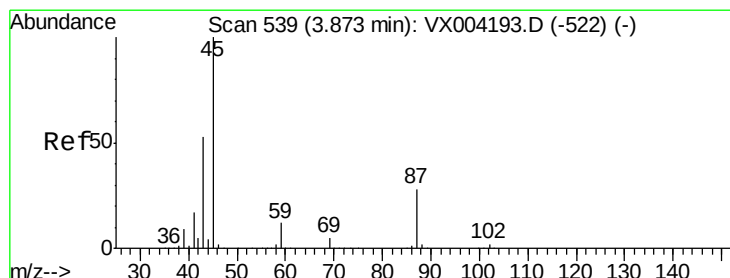
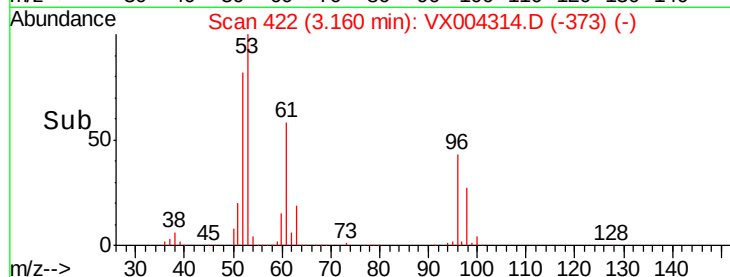
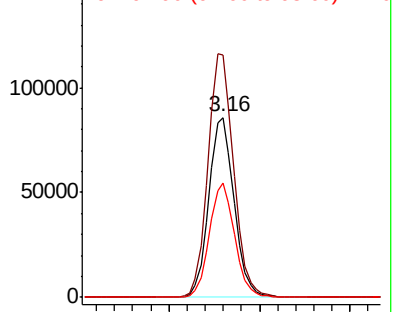


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.67 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion: 45 Resp: 531007

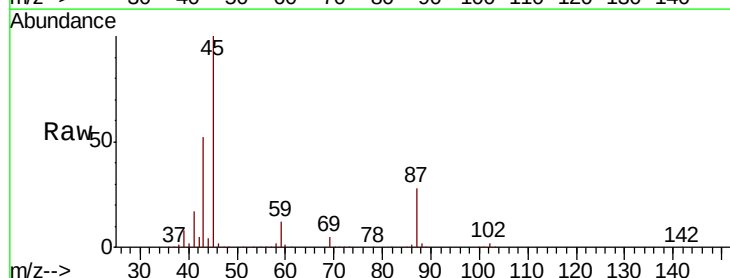
Ion Ratio Lower Upper

45 100

43 52.0 42.8 64.2

87 28.1 22.6 34.0

59 12.0 9.6 14.4



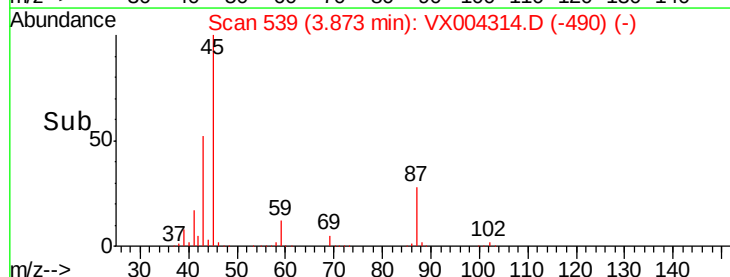
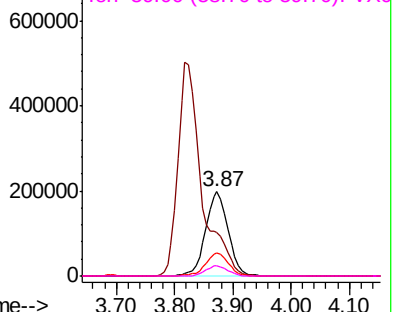
Abundance

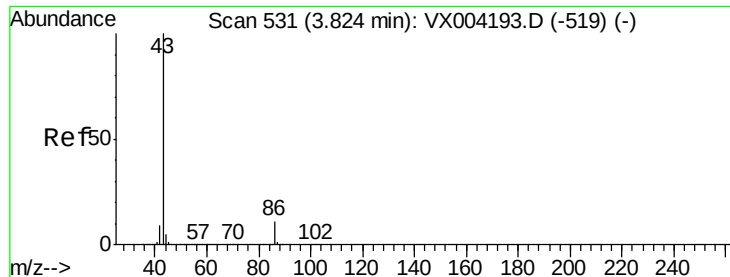
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 163.36 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 43 Resp: 1415335

Ion Ratio Lower Upper

43 100

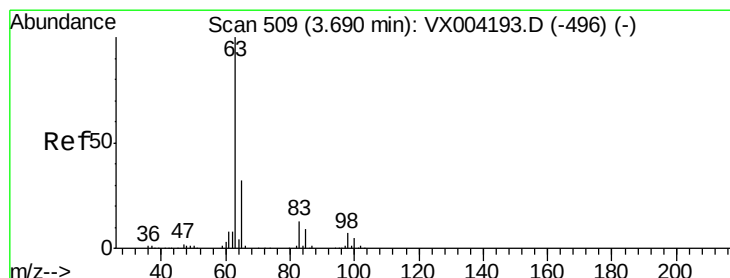
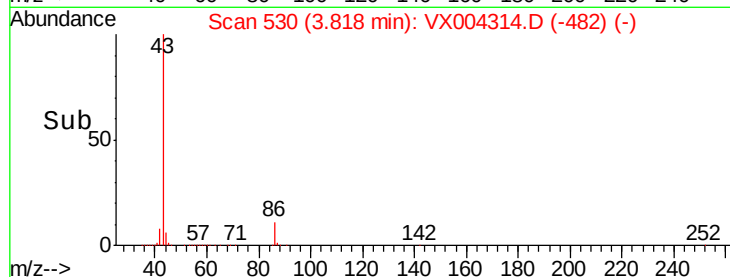
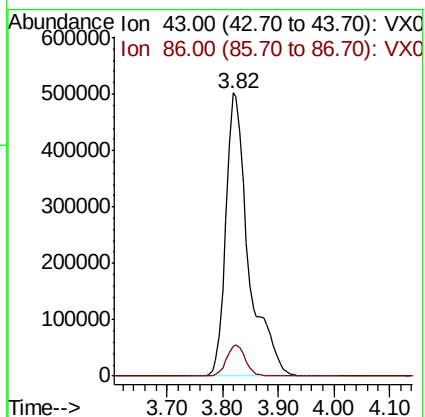
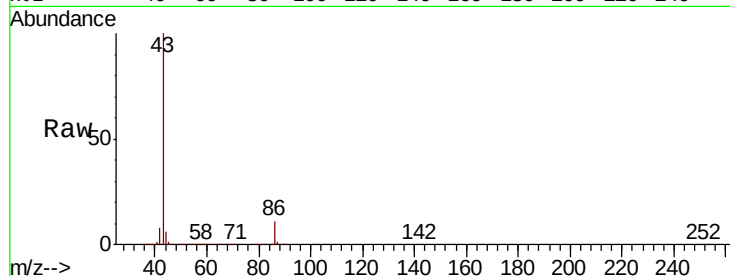
86 10.6 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 51.79 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

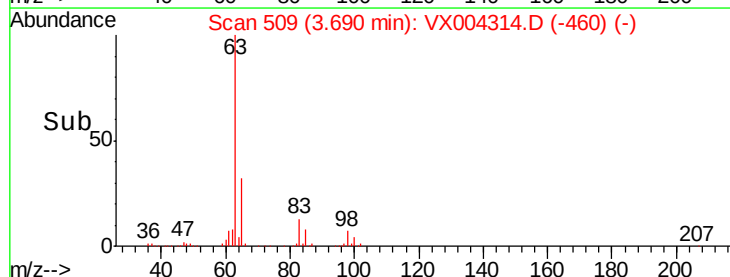
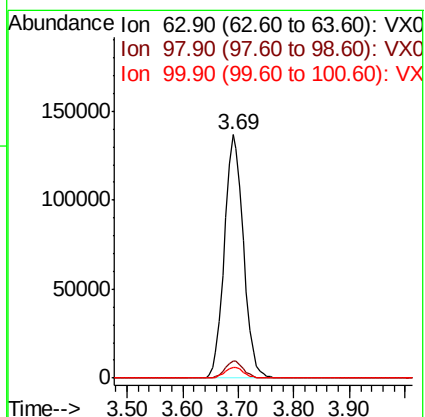
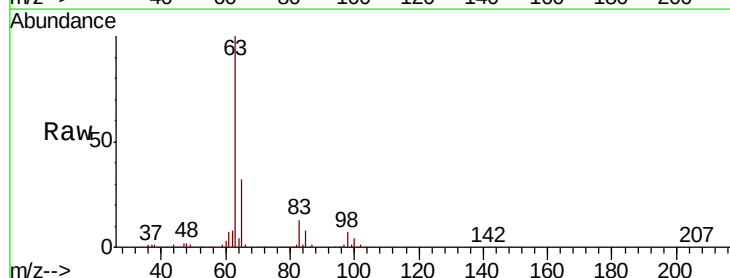
Tgt Ion: 63 Resp: 322662

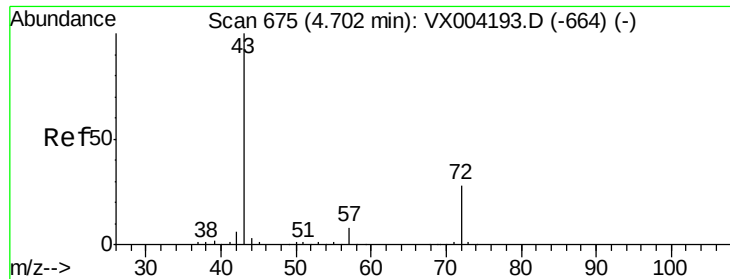
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 276.27 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 43 Resp: 708951

Ion Ratio Lower Upper

43 100

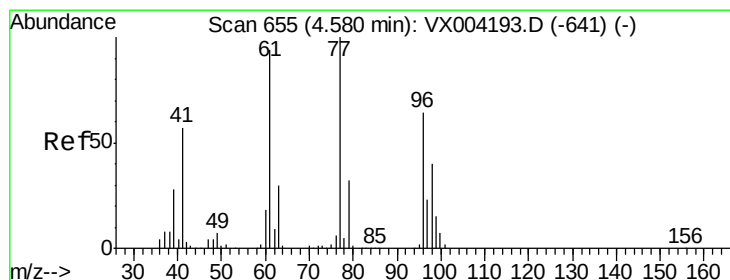
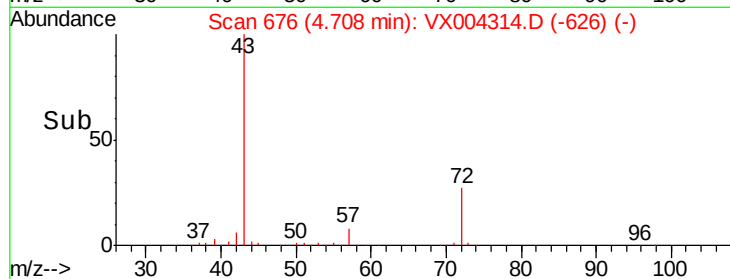
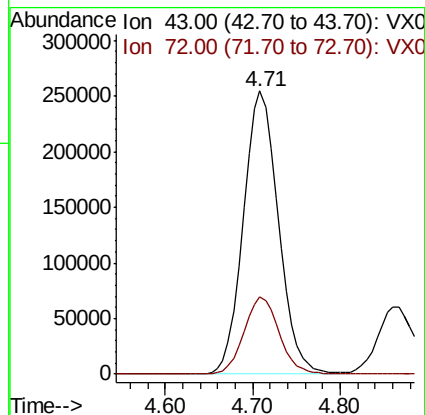
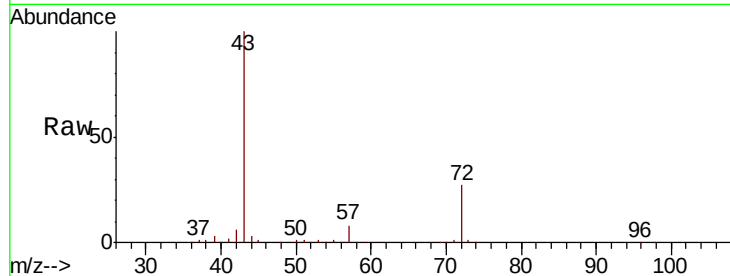
72 27.1 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 26.97 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004314.D

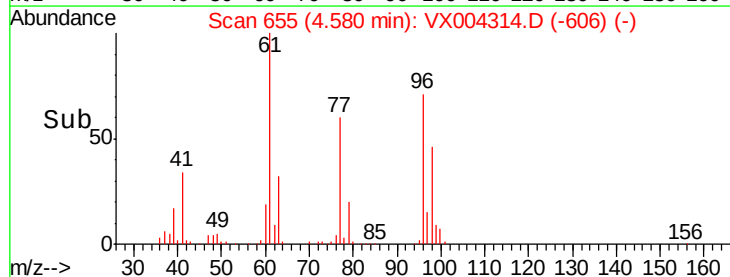
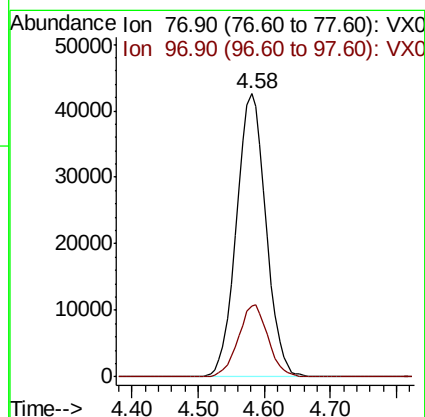
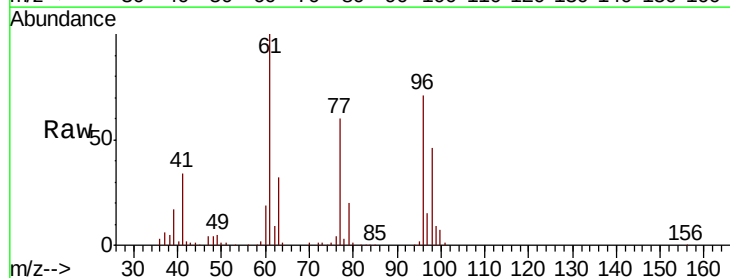
Acq: 30 Aug 2018 01:38

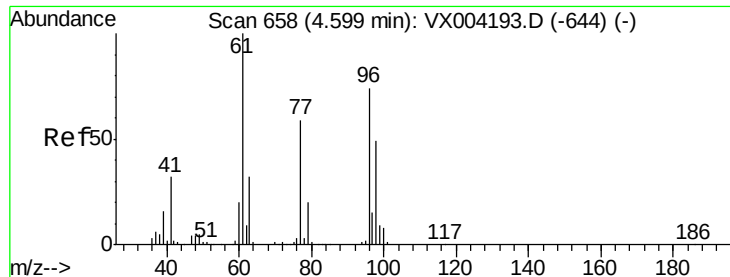
Tgt Ion: 77 Resp: 131773

Ion Ratio Lower Upper

77 100

97 25.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.35 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

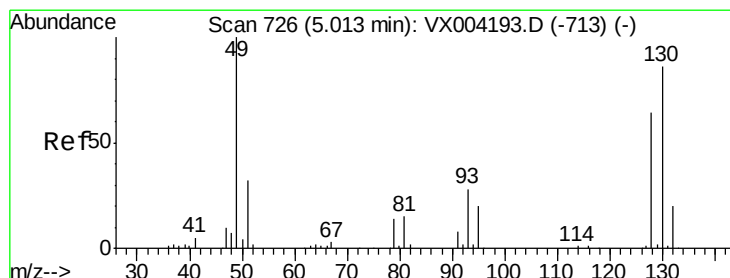
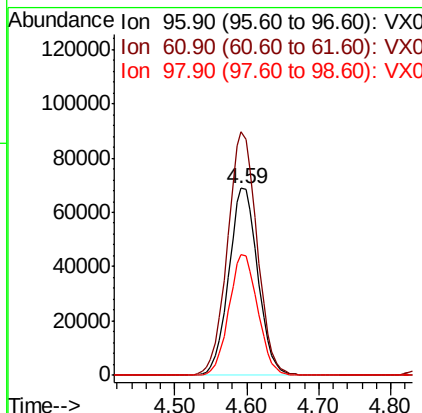
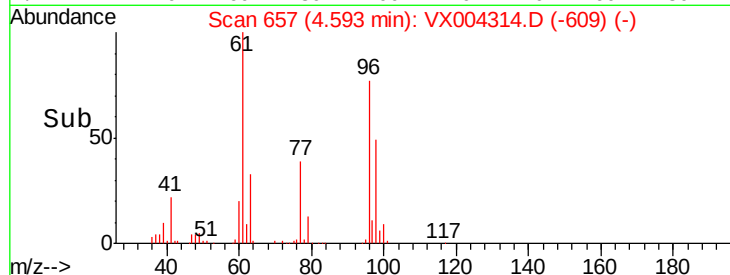
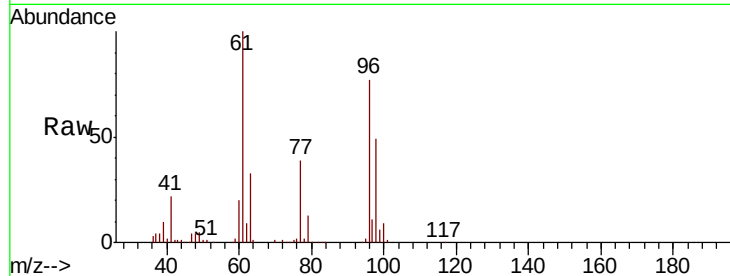
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	96	Resp:	193075
Ion Ratio	Lower	Upper	
96	100		
61	132.8	0.0	282.6
98	64.2	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 52.02 ug/l

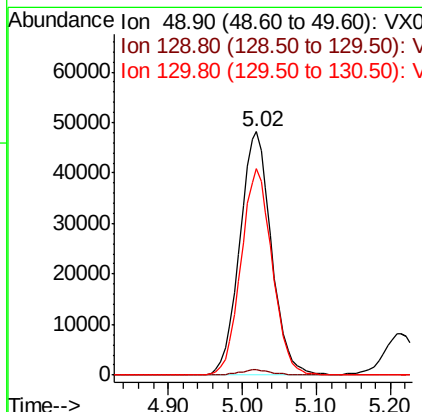
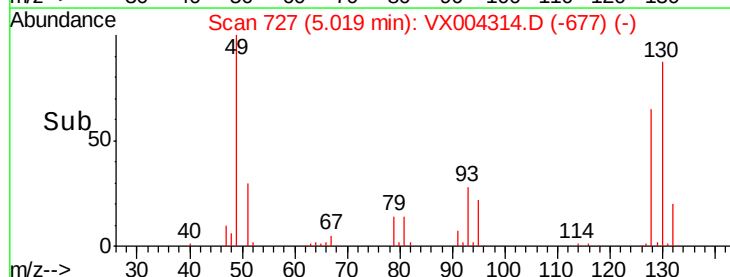
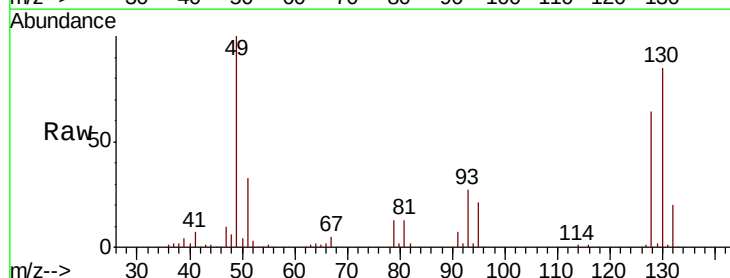
RT: 5.02 min Scan# 727

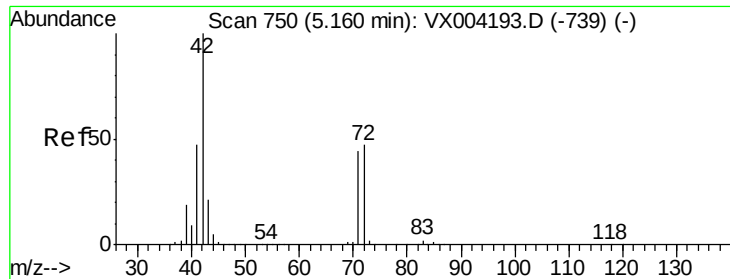
Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion:	49	Resp:	143469
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.2
130	83.5	67.5	101.3





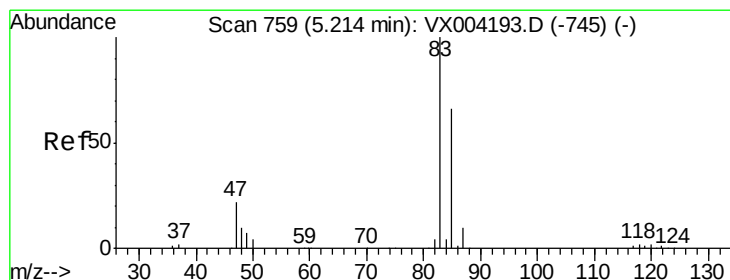
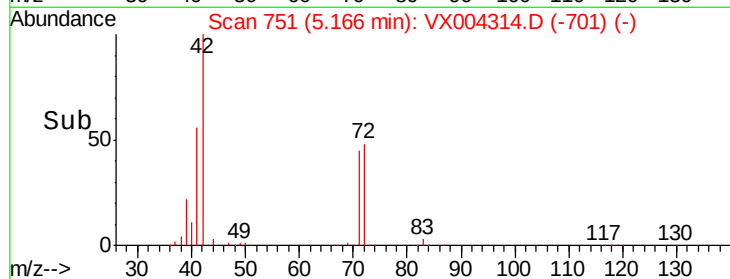
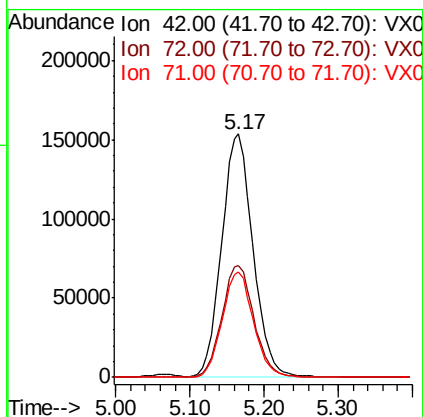
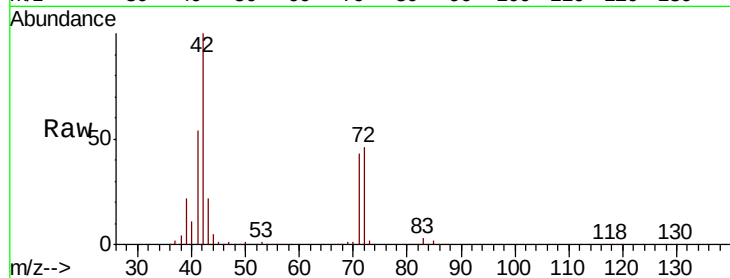
#29
Tetrahydrofuran
Concen: 272.67 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.4	56.0
71	43.5	34.5	51.7

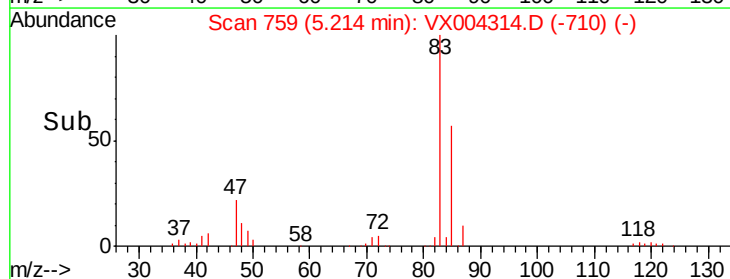
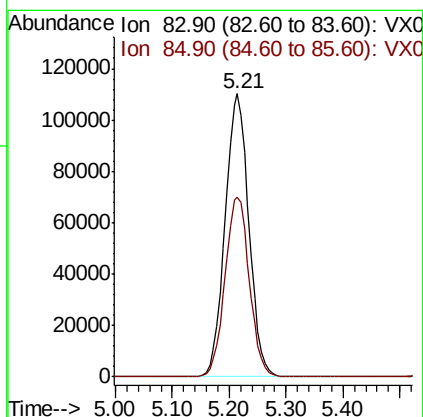
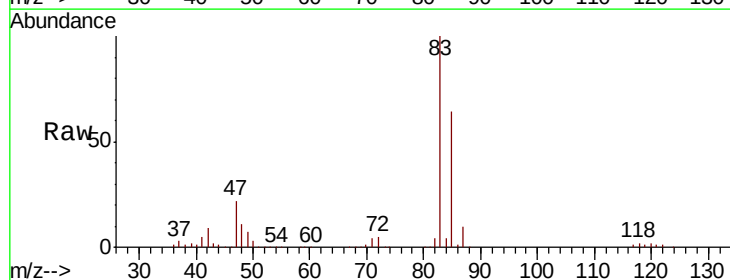
Manual Integrations
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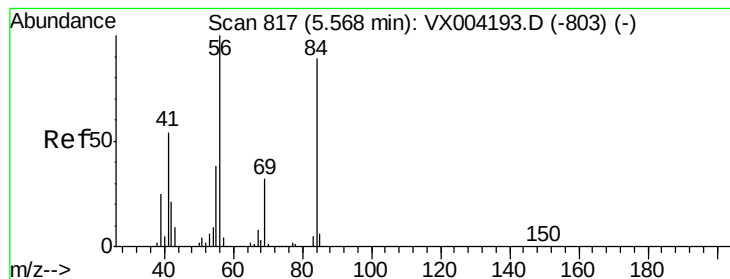
MMDadoda
8/30/2018 1:38:40 PM



#30
Chloroform
Concen: 51.18 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.6	79.0





#31

Cyclohexane

Concen: 48.56 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

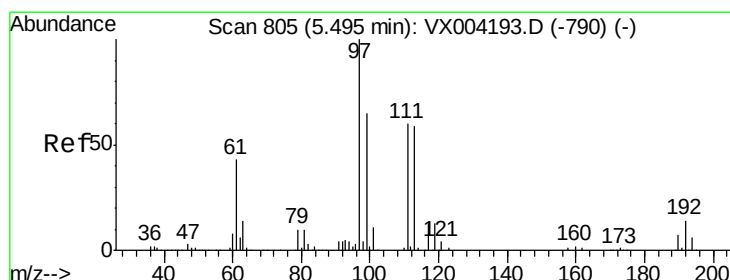
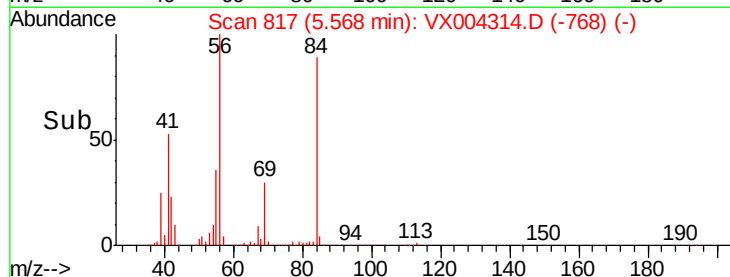
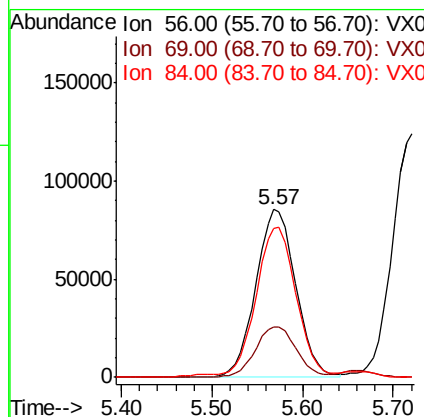
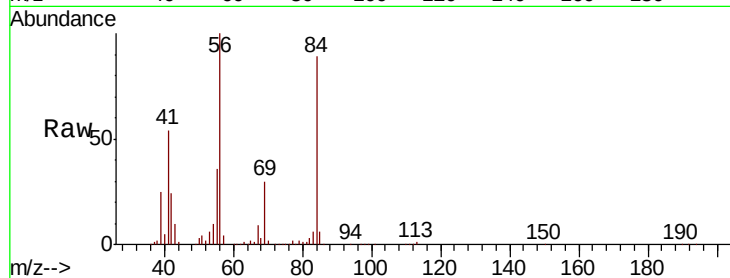
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	56	Resp:	261007
Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.4	38.2
84	87.9	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.39 ug/l

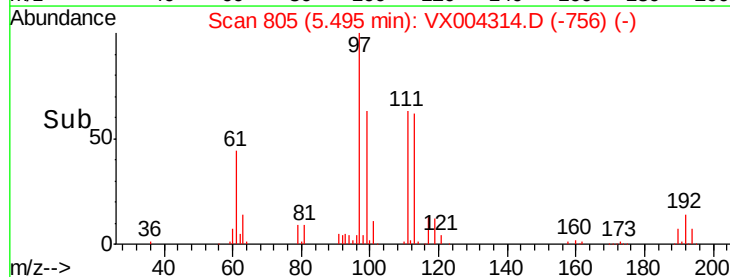
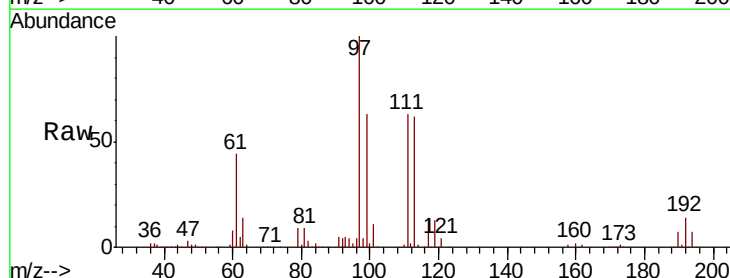
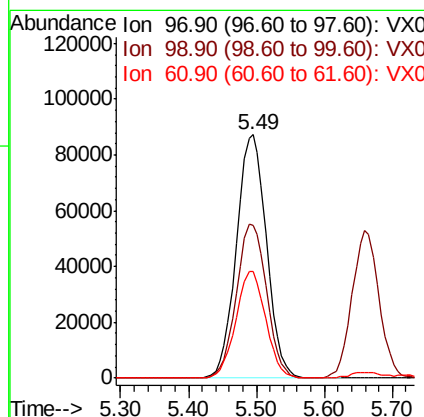
RT: 5.49 min Scan# 805

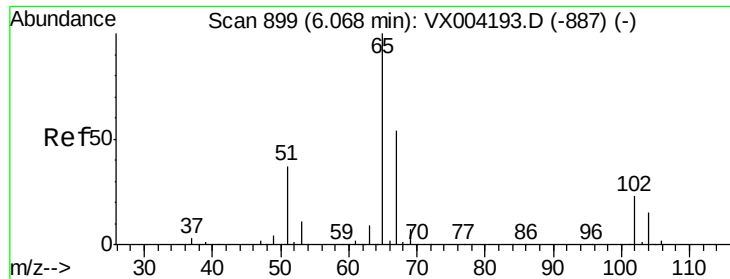
Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion:	97	Resp:	267670
Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.0	78.0
61	43.8	34.9	52.3





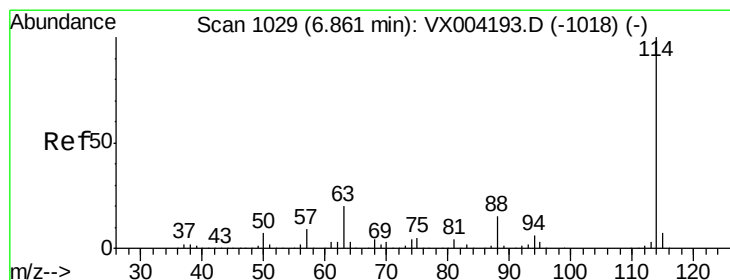
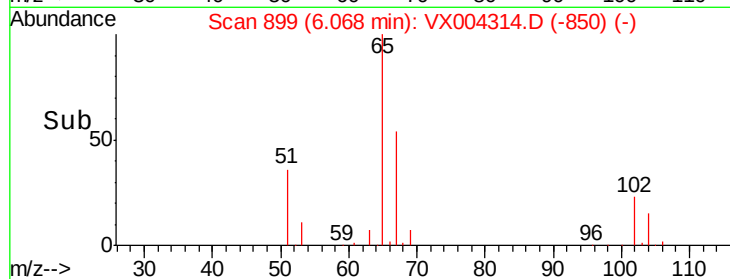
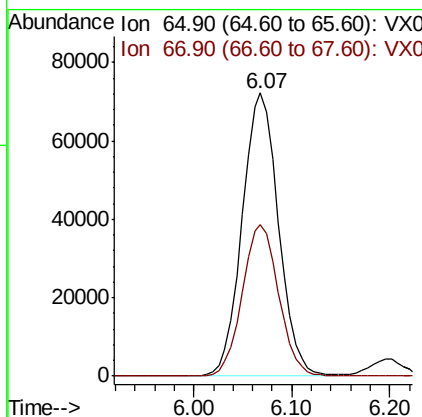
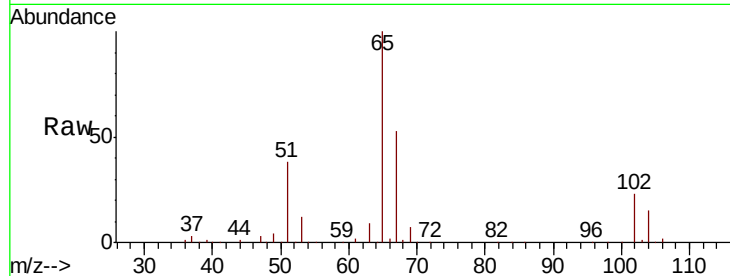
#33
 1,2-Dichloroethane-d4
 Concen: 48.64 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.8

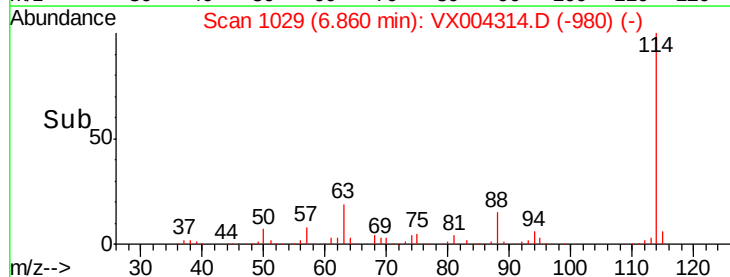
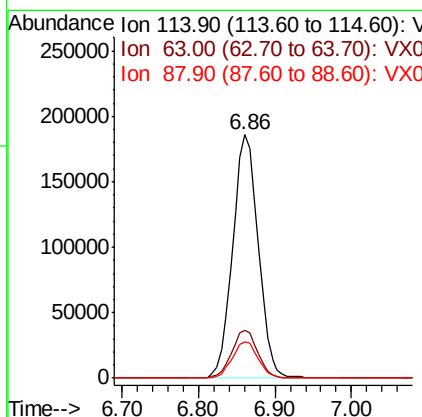
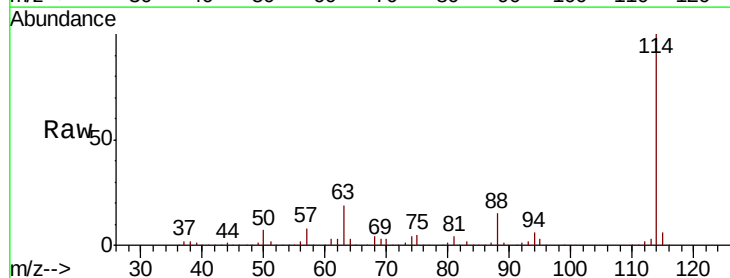
Manual Integrations
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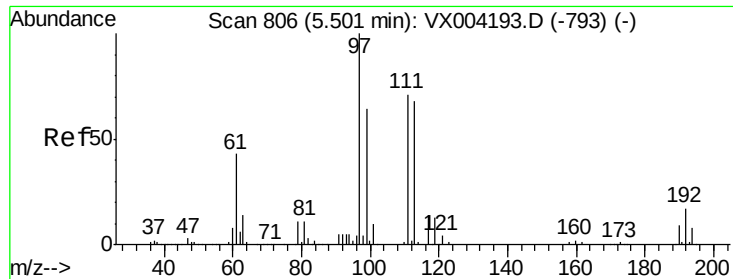
MMDadoda
 8/30/2018 1:38:40 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.1	0.0	30.4





#35

Dibromofluoromethane

Concen: 50.97 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

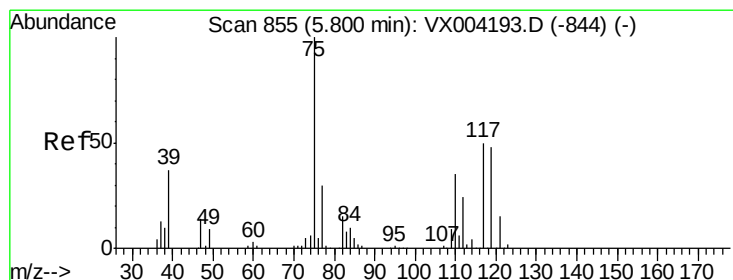
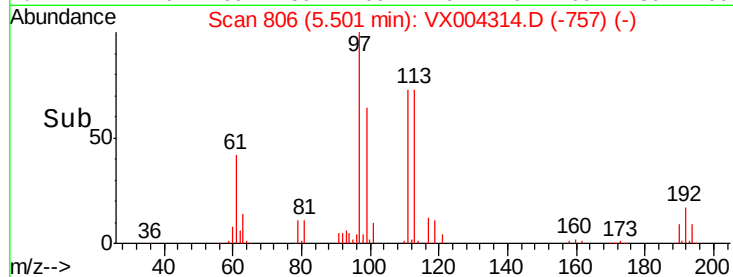
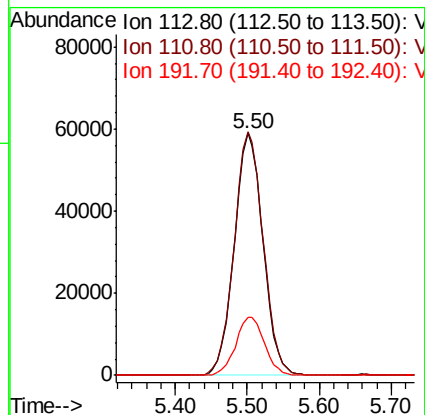
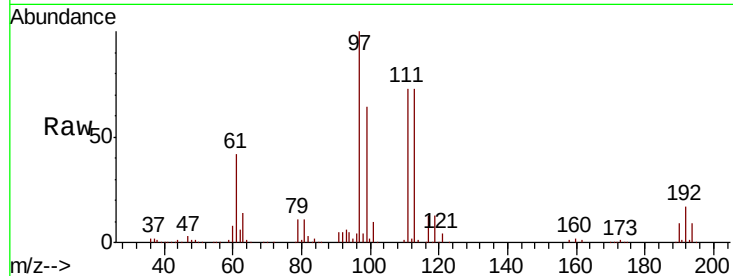
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	113	Resp:	163301
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.4	123.6
192	24.0	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.61 ug/l

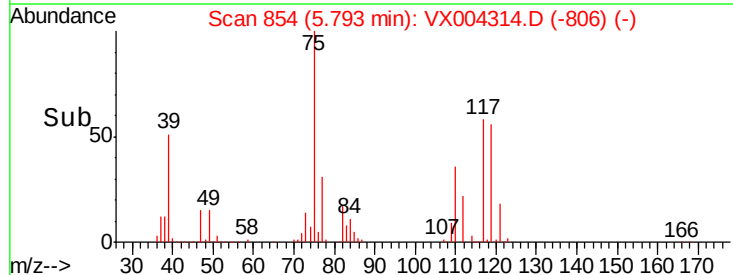
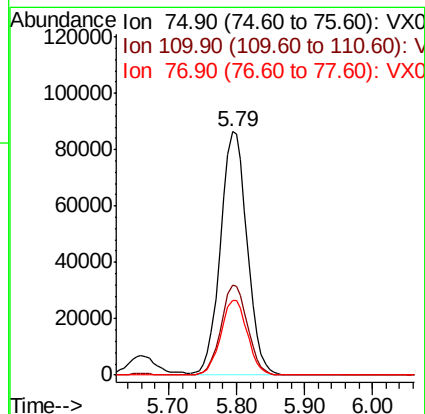
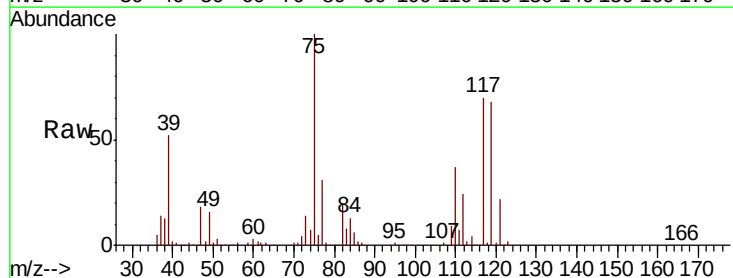
RT: 5.79 min Scan# 854

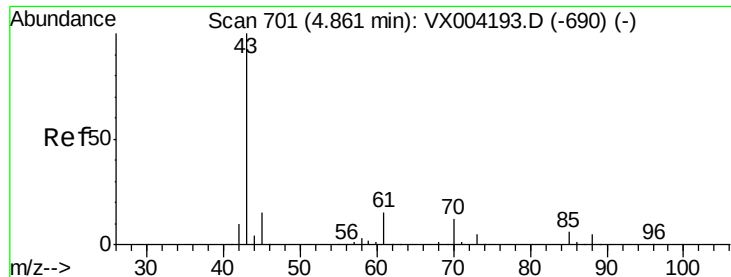
Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion:	75	Resp:	235364
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.0	54.0
77	31.1	24.6	36.8





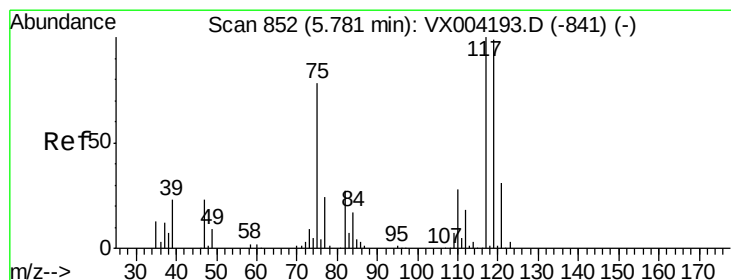
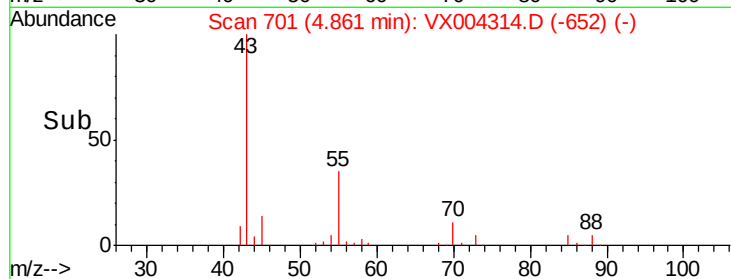
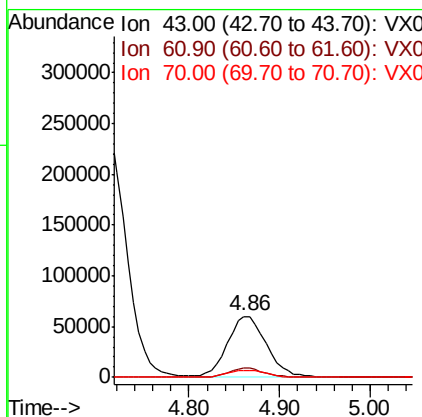
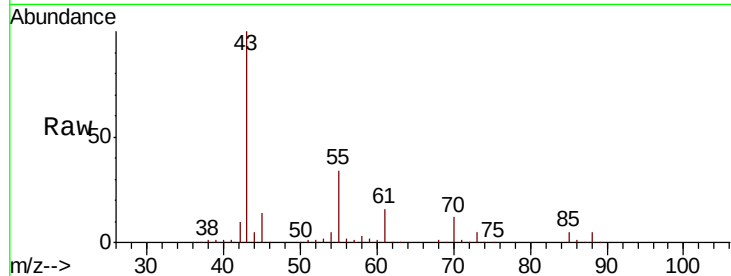
#37
Ethyl Acetate
Concen: 37.38 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	11.6	9.0	13.6

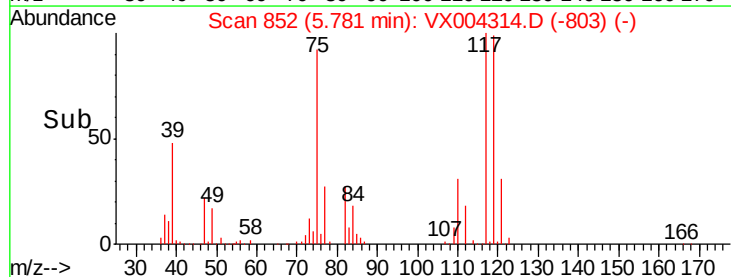
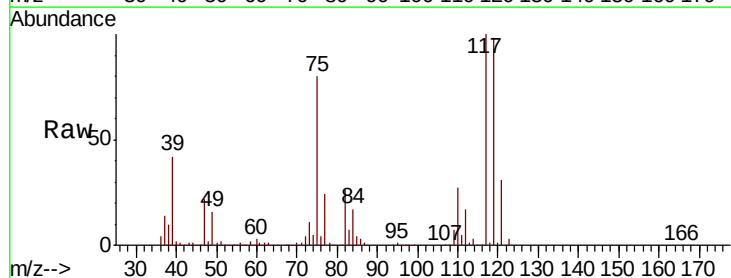
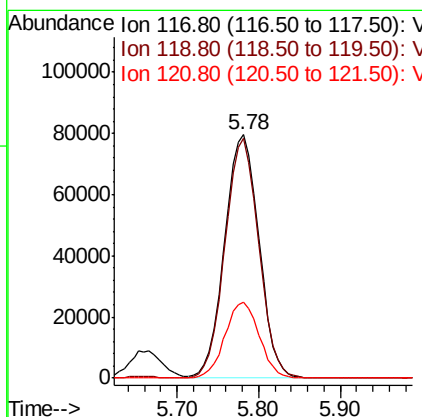
Manual Integrations
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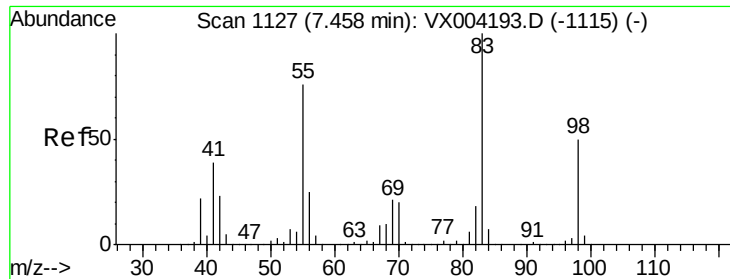
MMDadoda
8/30/2018 1:38:40 PM



#38
Carbon Tetrachloride
Concen: 50.78 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.8	118.2
121	31.0	24.9	37.3





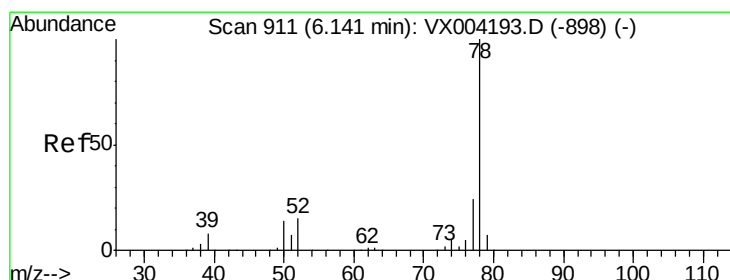
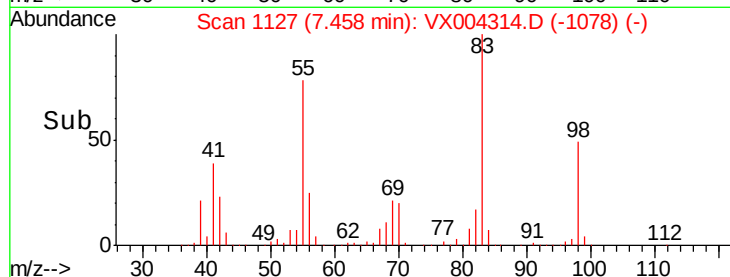
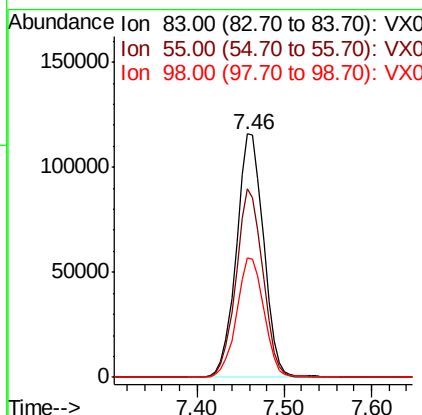
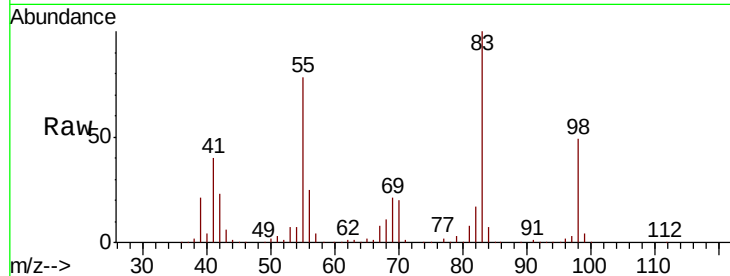
#39
Methylvlcyclohexane
Concen: 45.56 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	251851		
55	77.5	61.0	91.4	
98	48.9	39.6	59.4	

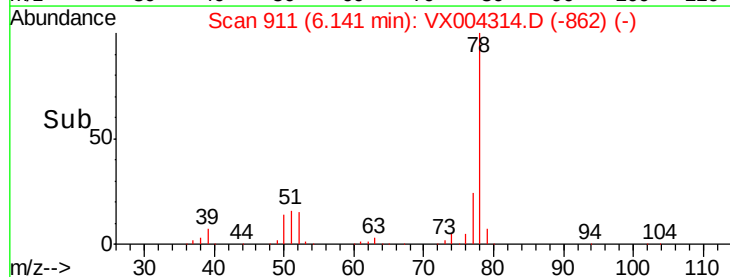
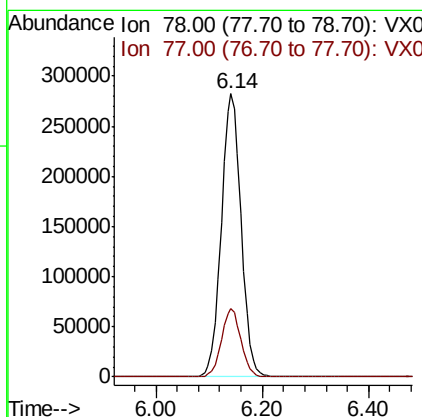
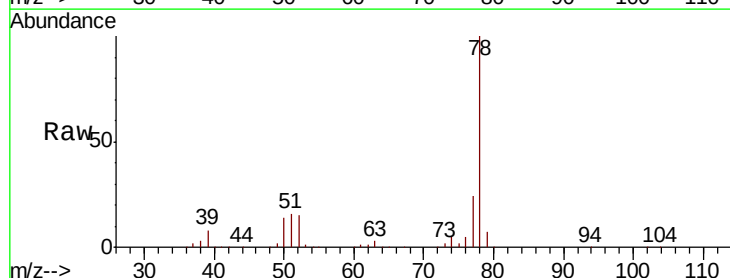
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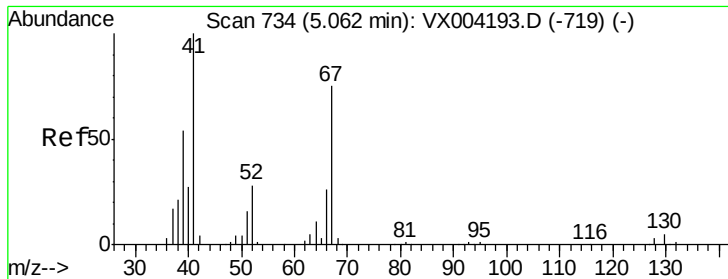
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8/30/2018 1:38:40 PM



#40
Benzene
Concen: 50.67 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	733123		
77	24.2	19.0	28.4	





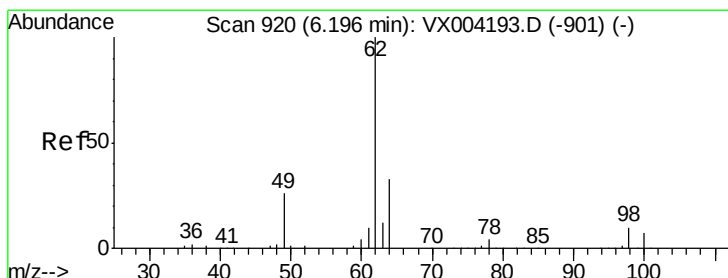
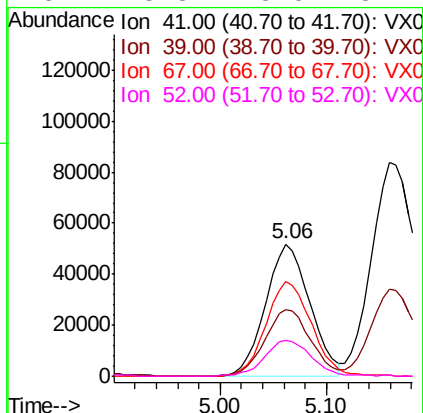
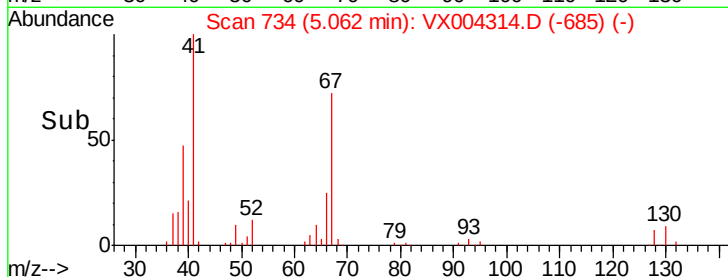
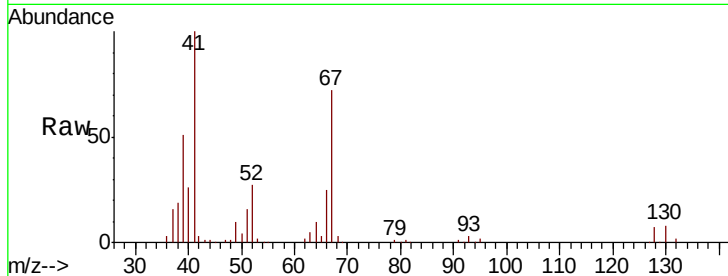
#41
Methacrylonitrile
Concen: 54.14 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.4	63.6	
67	73.6	59.2	88.8	
52	28.3	23.0	34.4	

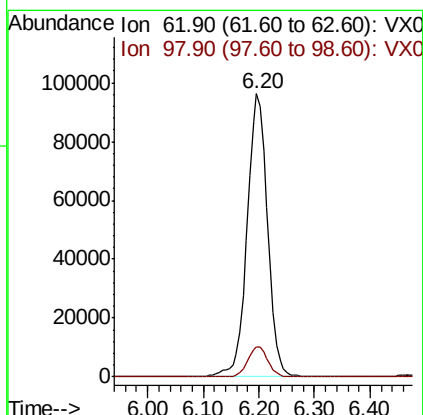
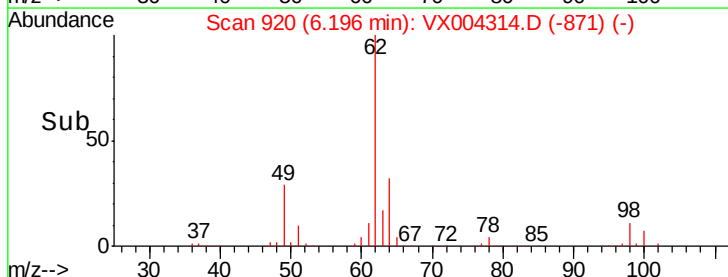
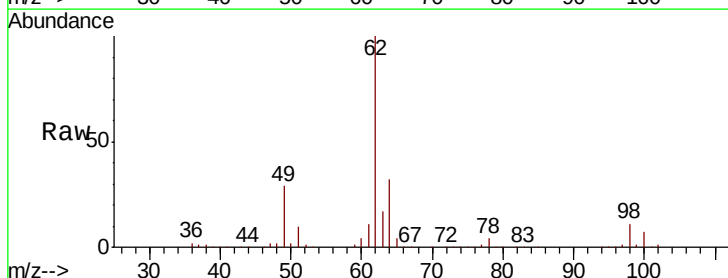
Manual Integrations
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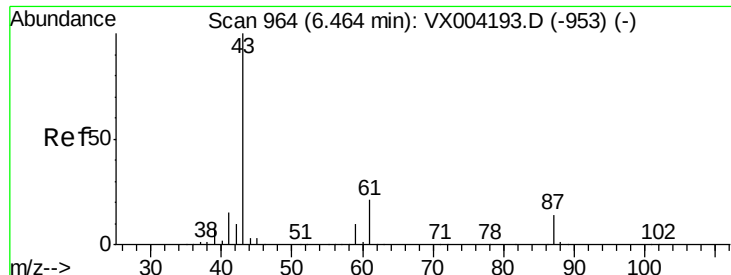
MMDadoda
8/30/2018 1:38:40 PM



#42
1,2-Dichloroethane
Concen: 49.95 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.6	





#43

Isopropyl Acetate

Concen: 42.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

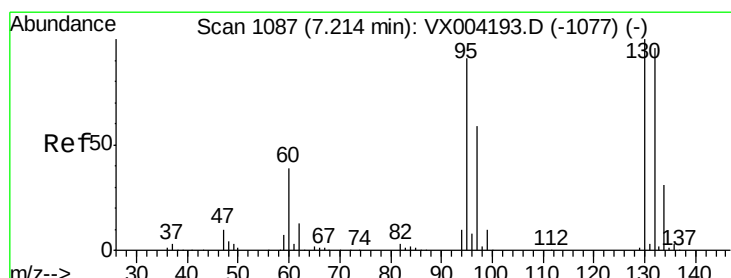
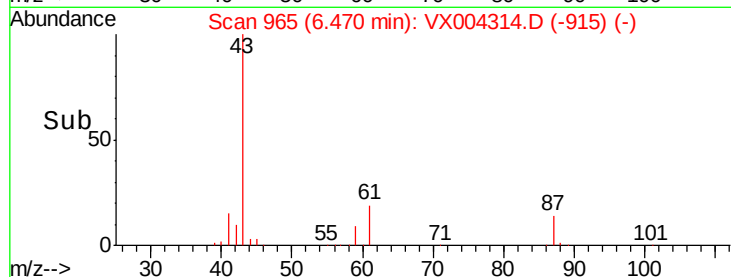
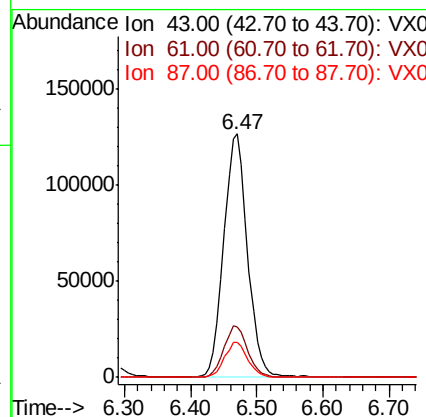
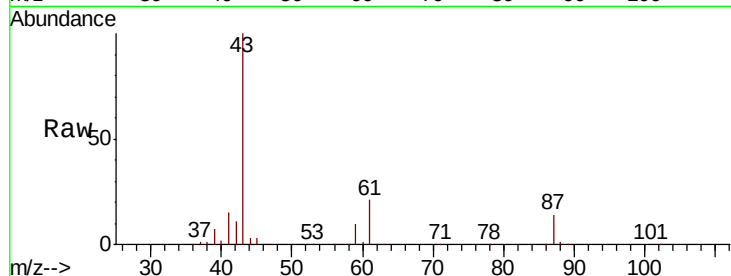
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	43	Resp:	312808
Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	14.2	11.4	17.2

Manual Integrations
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8/30/2018 1:38:40 PM



#44

Trichloroethene

Concen: 48.14 ug/l

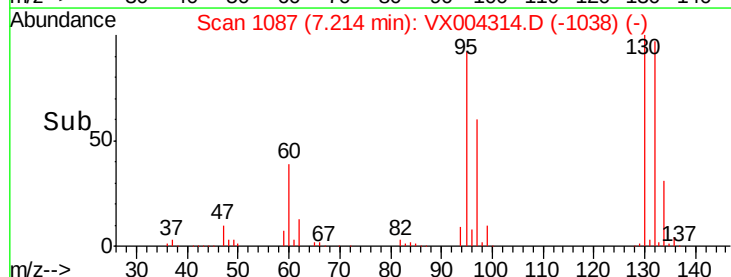
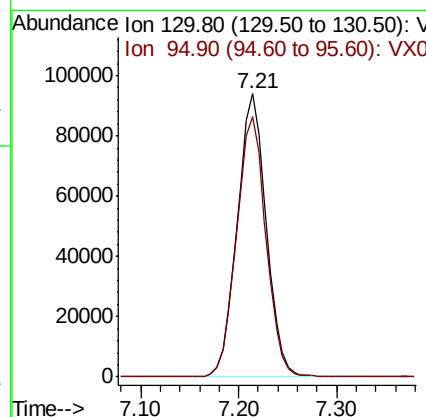
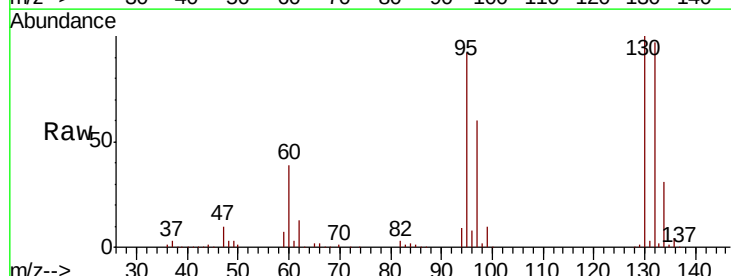
RT: 7.21 min Scan# 1087

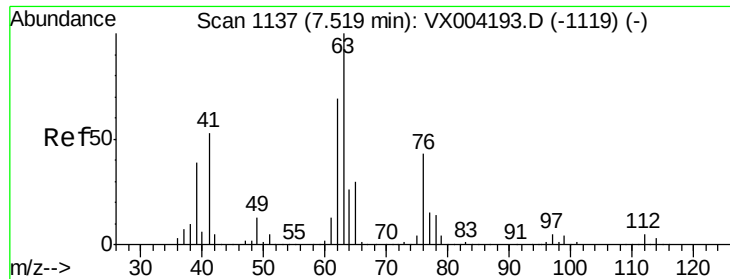
Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion:	130	Resp:	192787
Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	181.6





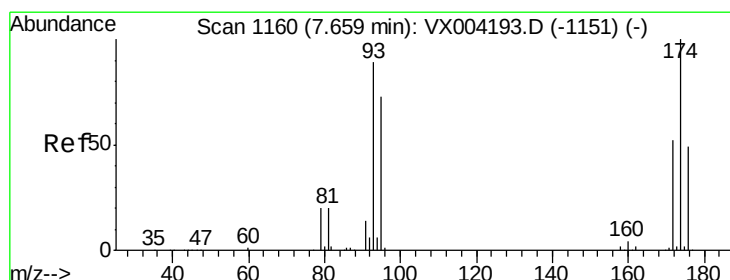
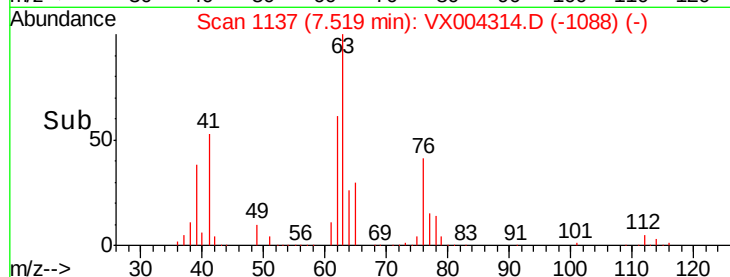
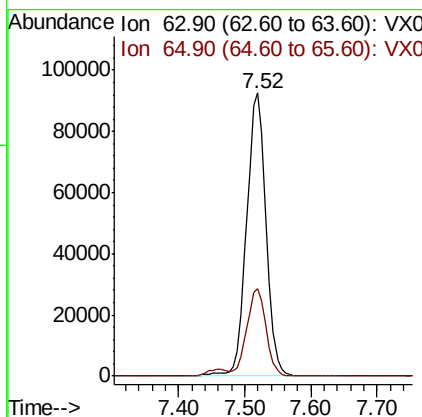
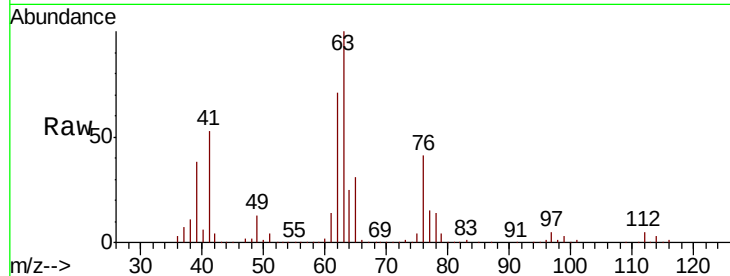
#45
 1,2-Dichloropropane
 Concen: 52.40 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 63 Resp: 189739
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.3 36.5

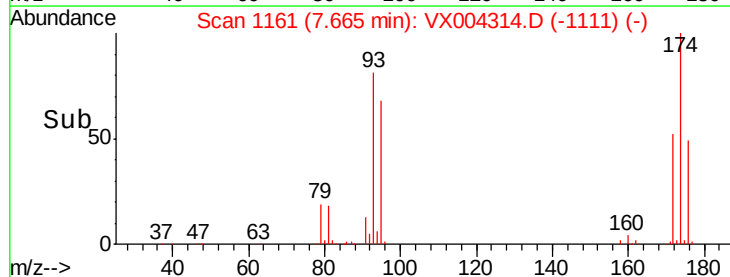
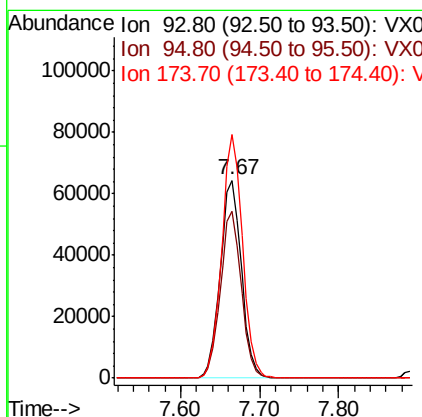
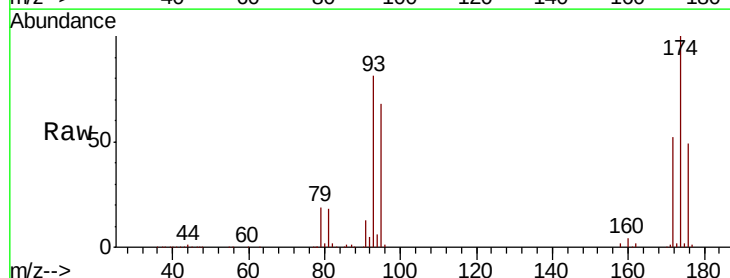
Manual Integrations
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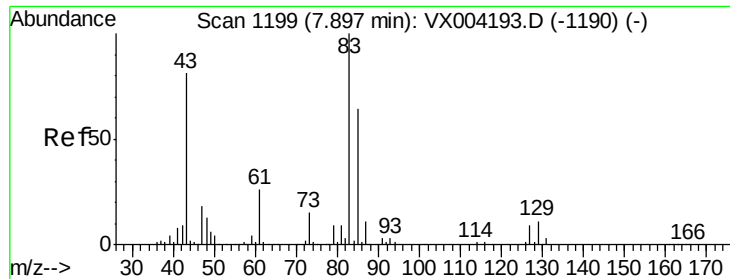
MMDadoda
 8/30/2018 1:38:40 PM



#46
 Dibromomethane
 Concen: 49.97 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Tgt Ion: 93 Resp: 120489
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 120.8 94.2 141.4





#47

Bromodichloromethane

Concen: 52.58 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

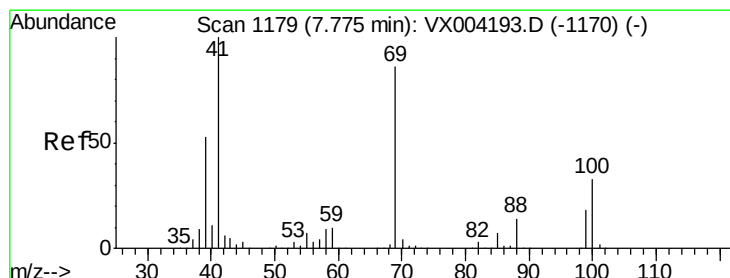
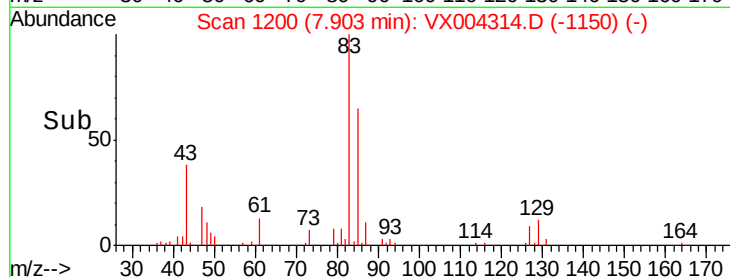
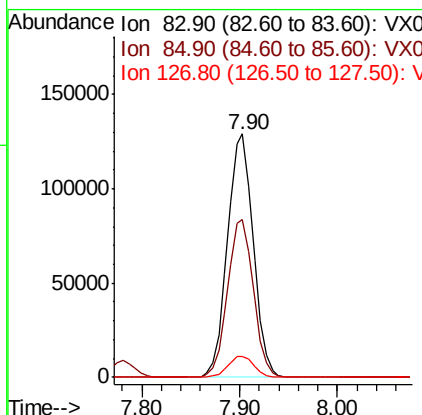
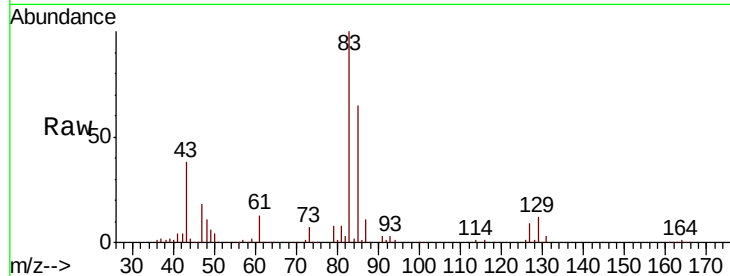
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	83	Resp:	235890
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.9	76.3
127	8.7	7.3	10.9

Manual Integrations
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MMDadoda
8/30/2018 1:38:40 PM



#48

Methyl methacrylate

Concen: 54.45 ug/l

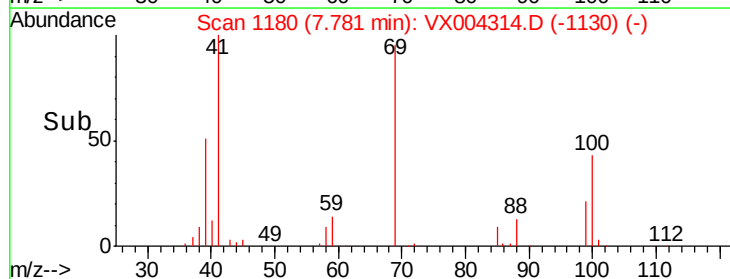
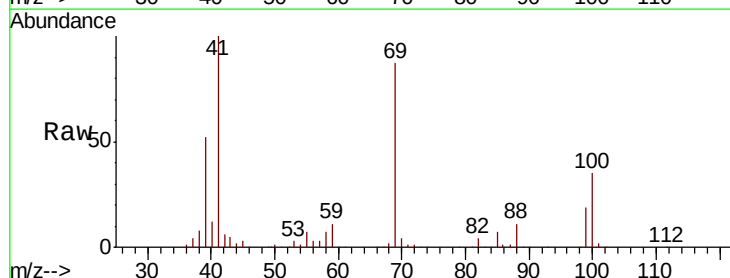
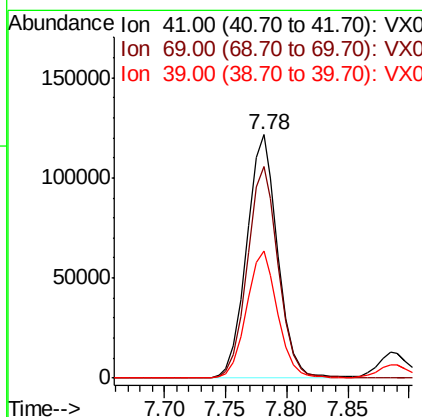
RT: 7.78 min Scan# 1180

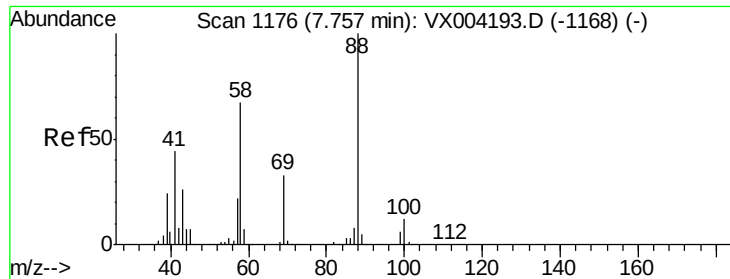
Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion:	41	Resp:	213192
Ion	Ratio	Lower	Upper
41	100		
69	87.5	70.2	105.4
39	52.1	42.7	64.1





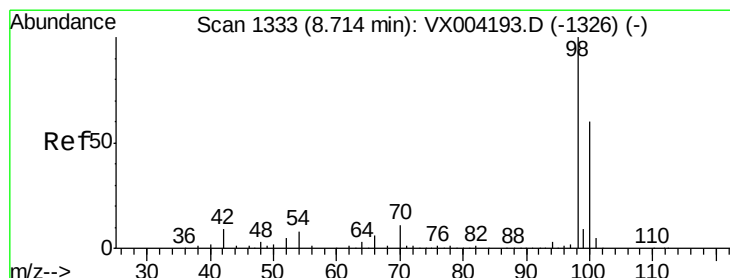
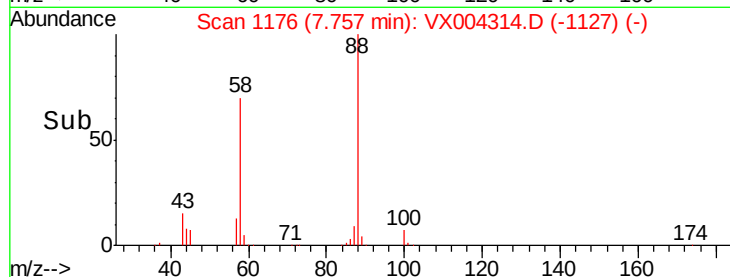
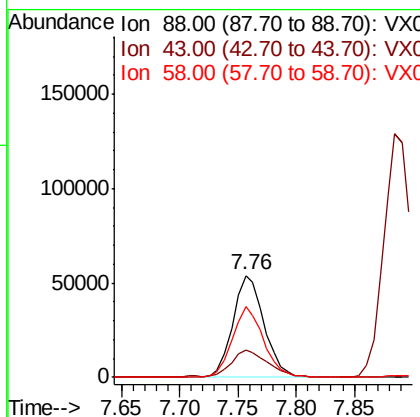
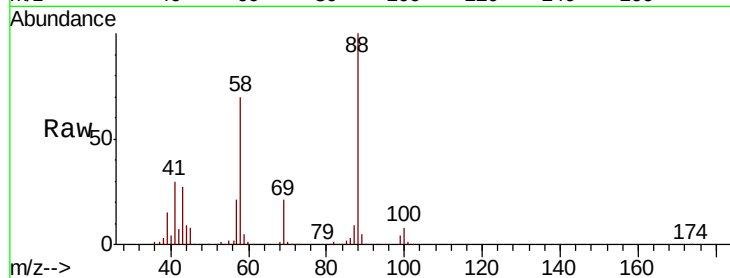
#49
1,4-Dioxane
Concen: 1127.08 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	24.7	37.1
58	69.8	55.3	82.9

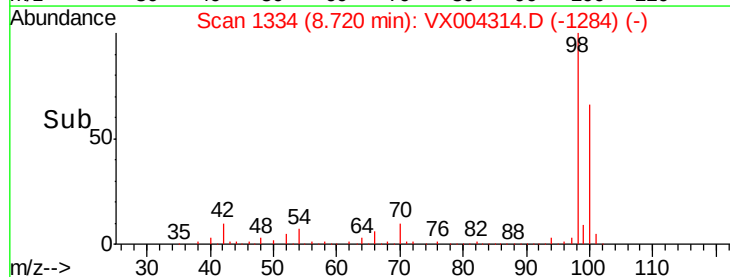
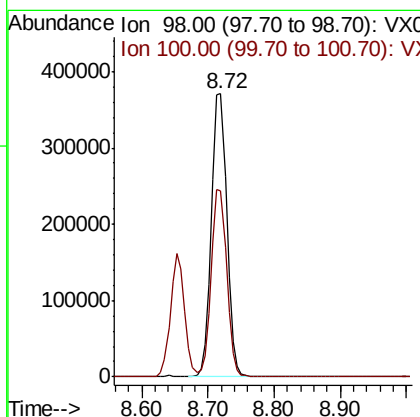
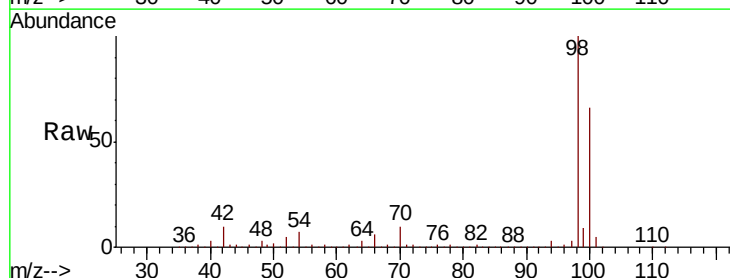
Manual Integrations
APPROVED

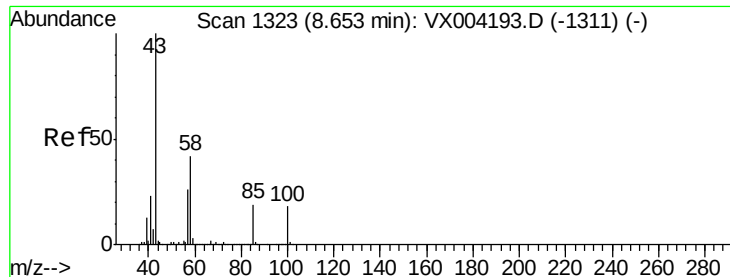
MMDadoda
8/30/2018 1:38:40 PM



#50
Toluene-d8
Concen: 49.73 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 261.82 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 43 Resp: 1391983

Ion Ratio Lower Upper

43 100

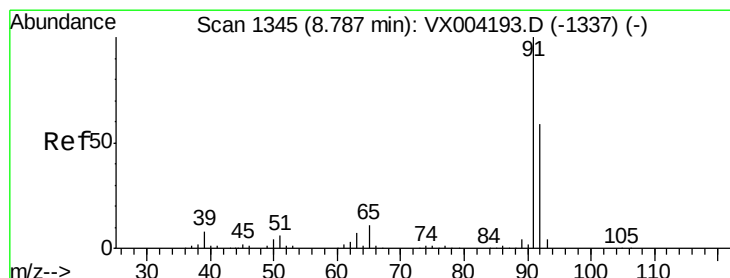
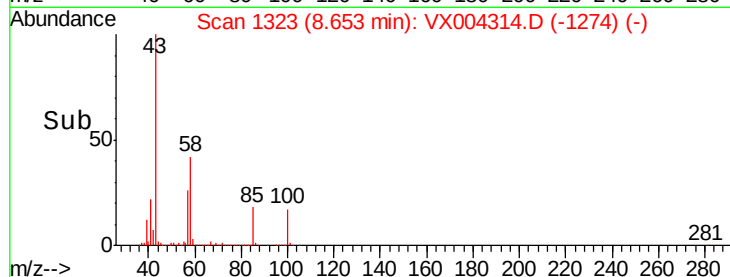
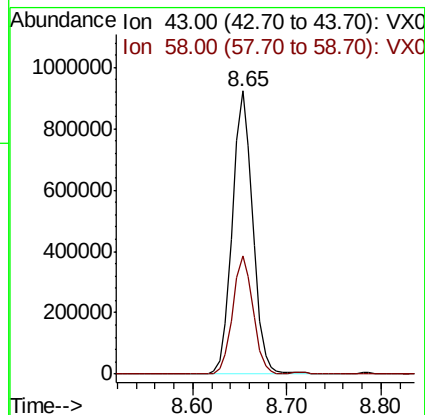
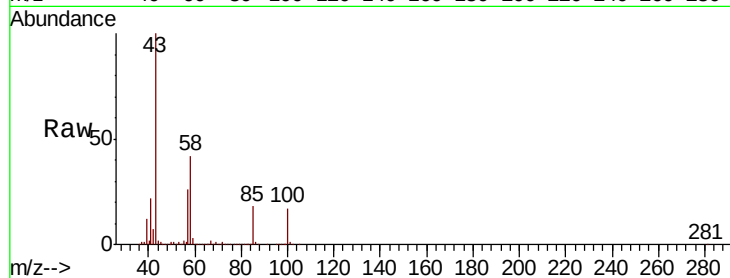
58 41.5 33.1 49.7

Manual Integrations

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MMDadoda

8/30/2018 1:38:40 PM



#52

Toluene

Concen: 51.01 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004314.D

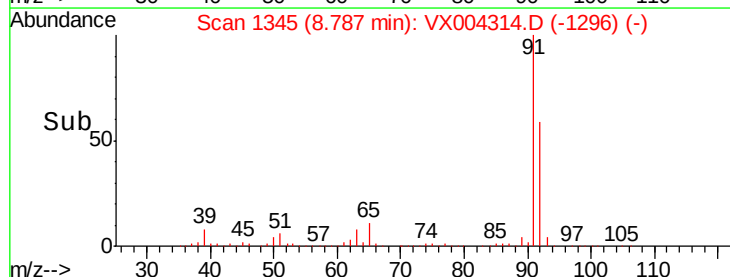
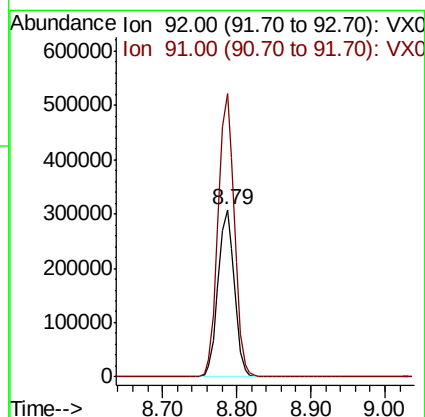
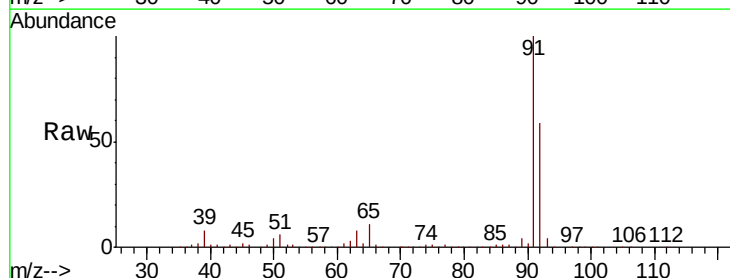
Acq: 30 Aug 2018 01:38

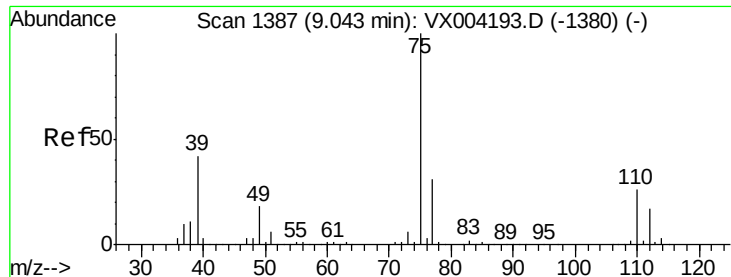
Tgt Ion: 92 Resp: 461936

Ion Ratio Lower Upper

92 100

91 170.0 136.4 204.6





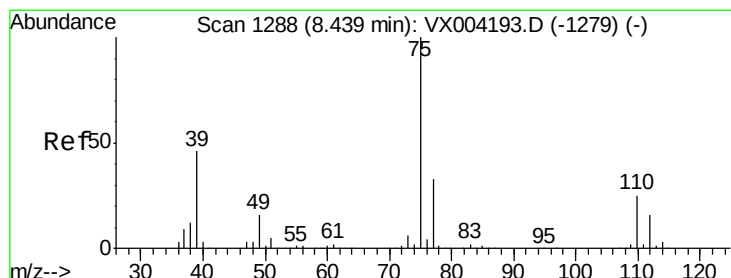
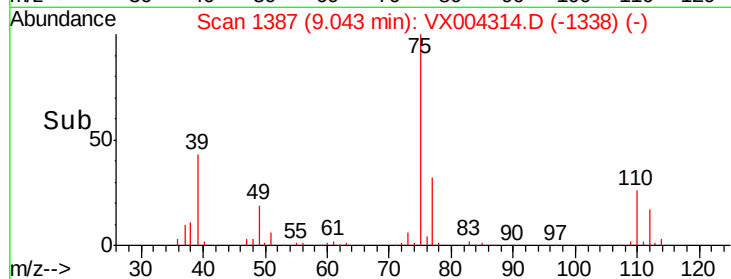
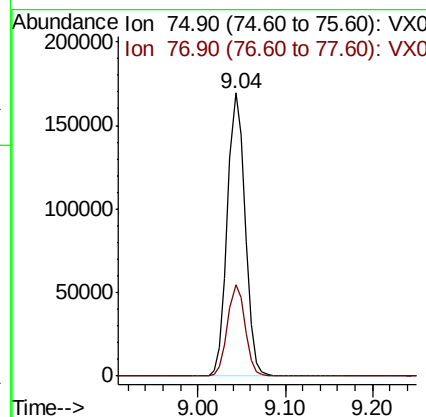
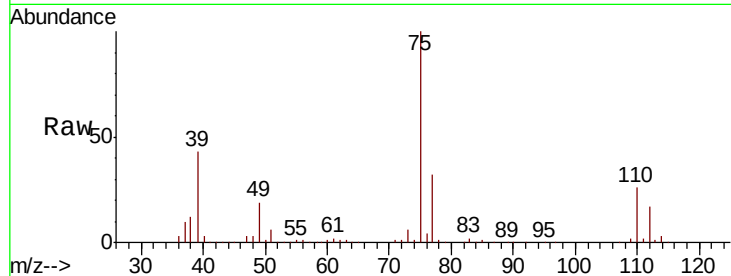
#53
 t-1,3-Dichloropropene
 Concen: 48.00 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 75 Resp: 237843
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 37.0

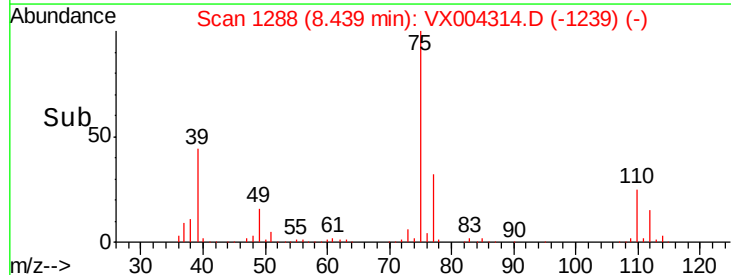
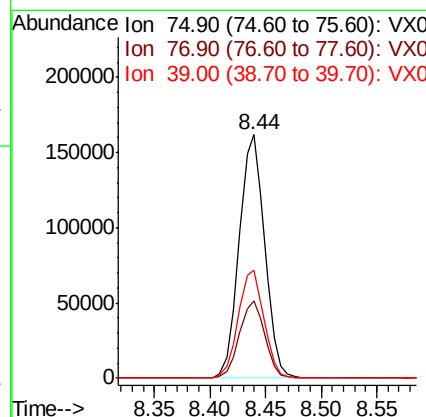
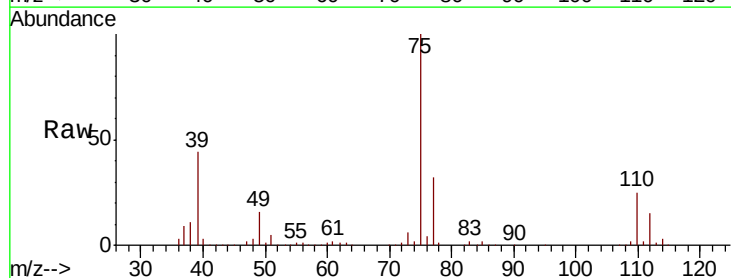
Manual Integrations
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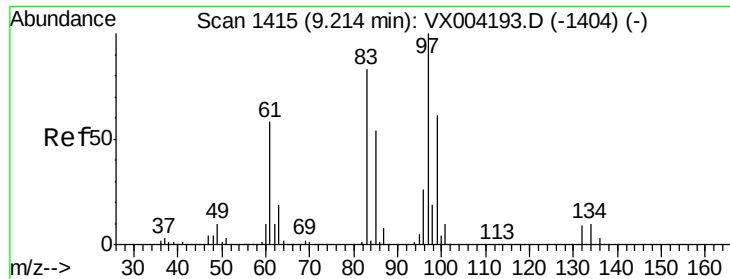
MMDadoda
 8/30/2018 1:38:40 PM



#54
 cis-1,3-Dichloropropene
 Concen: 47.45 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Tgt Ion: 75 Resp: 256127
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.2 39.2
 39 44.1 36.4 54.6





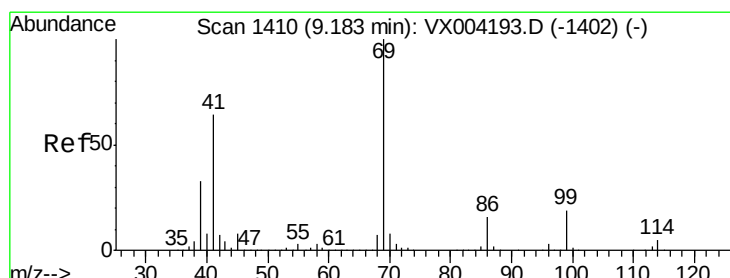
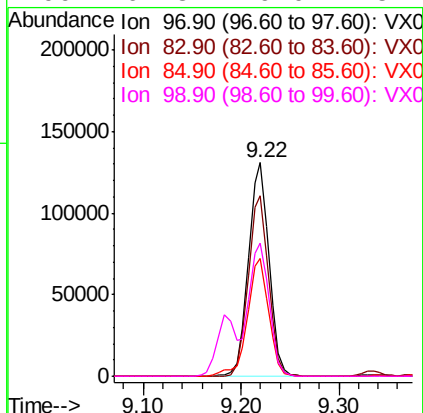
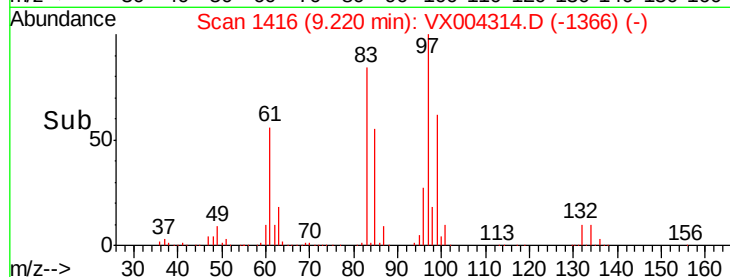
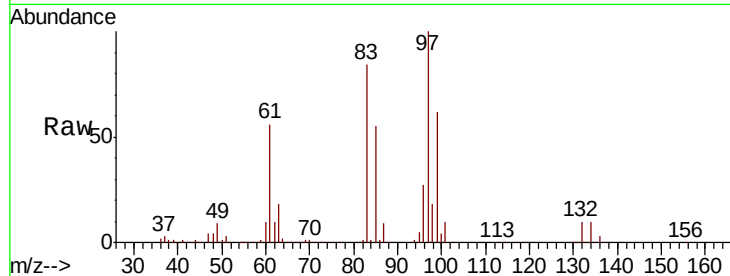
#55
1,1,2-Trichloroethane
Concen: 51.92 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.01 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		189802		
83	84.3	66.4	99.6		
85	55.1	43.3	64.9		
99	62.3	49.0	73.4		

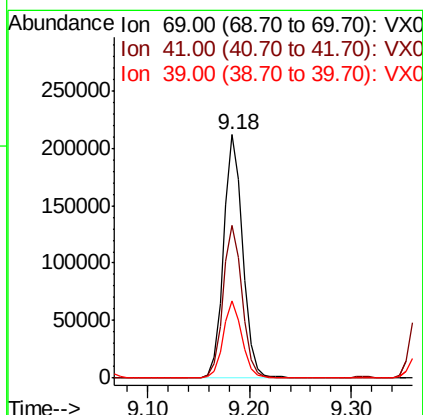
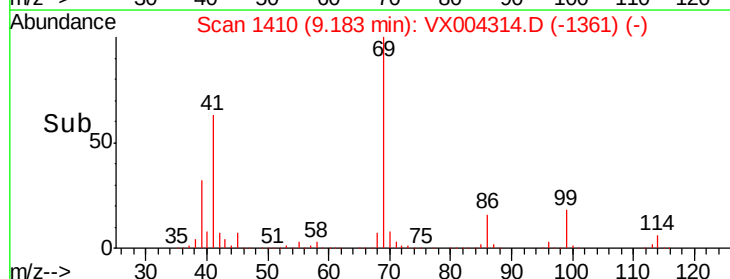
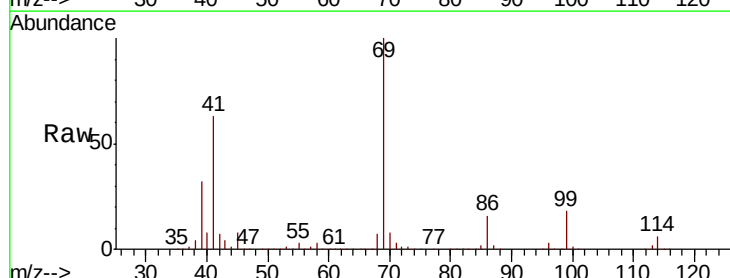
Manual Integrations
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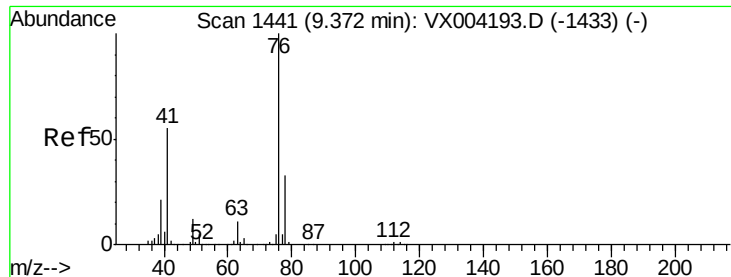
MMDadoda
8/30/2018 1:38:40 PM



#56
Ethyl methacrylate
Concen: 55.36 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		275542		
41	63.0	51.0	76.4		
39	31.2	26.1	39.1		





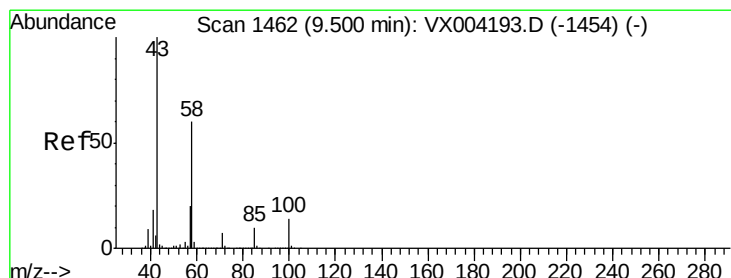
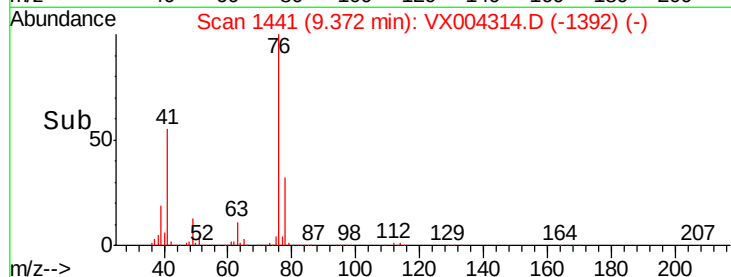
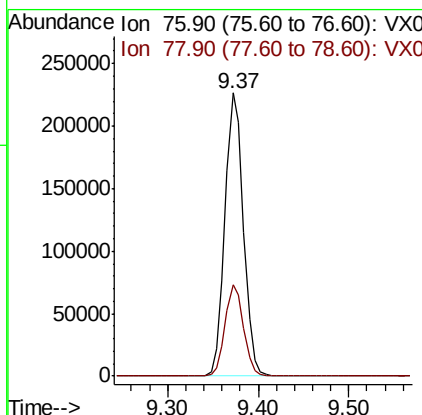
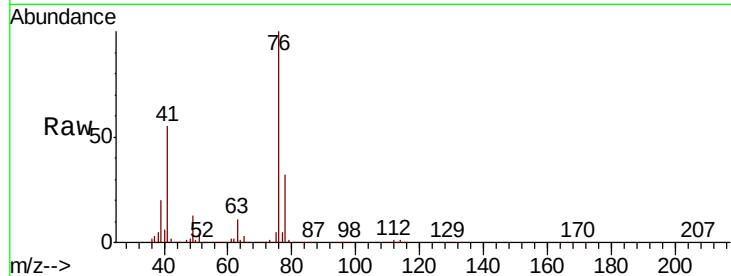
#57
 1,3-Dichloropropane
 Concen: 52.00 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 76 Resp: 320429
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3

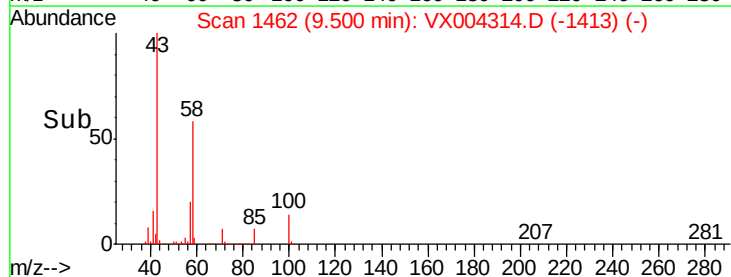
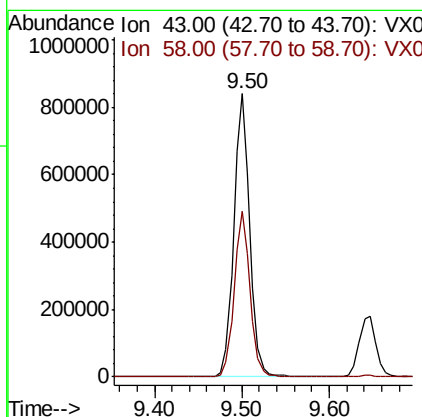
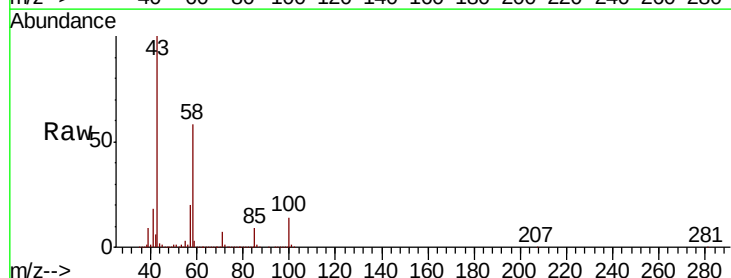
Manual Integrations
 APPROVED

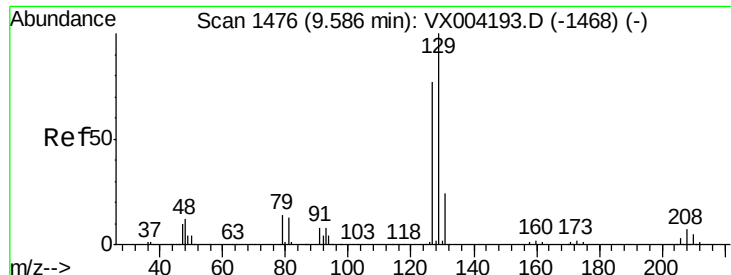
MMDadoda
 8/30/2018 1:38:40 PM



#59
 2-Hexanone
 Concen: 264.34 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Tgt Ion: 43 Resp: 1072162
 Ion Ratio Lower Upper
 43 100
 58 58.3 29.0 87.0





#60

Dibromochloromethane

Concen: 53.26 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:129 Resp: 189700

Ion Ratio Lower Upper

129 100

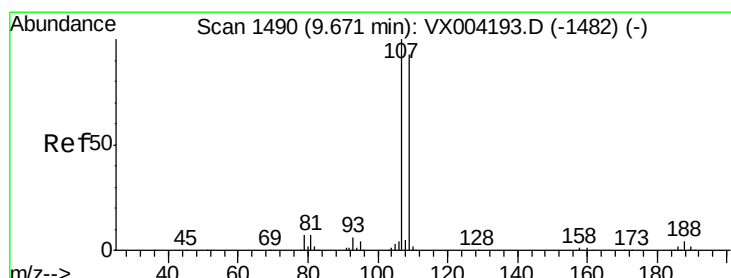
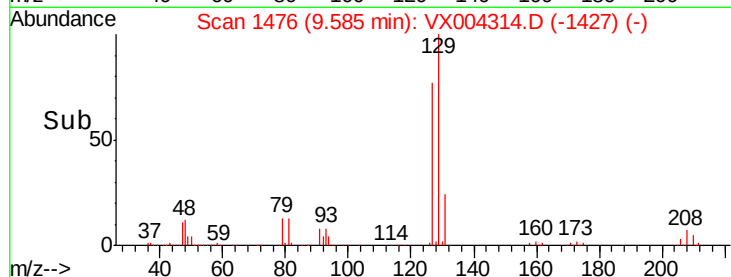
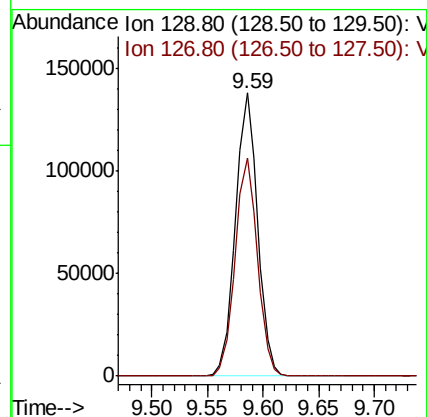
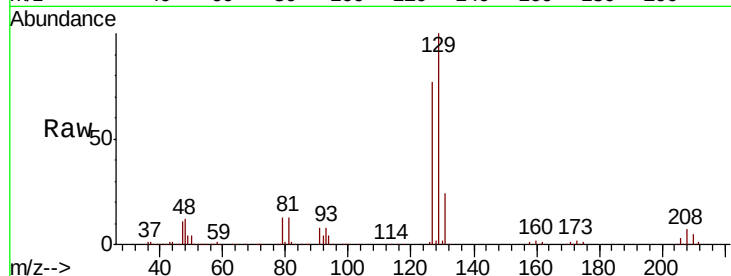
127 77.9 38.5 115.5

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 51.25 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.01 min

Lab File: VX004314.D

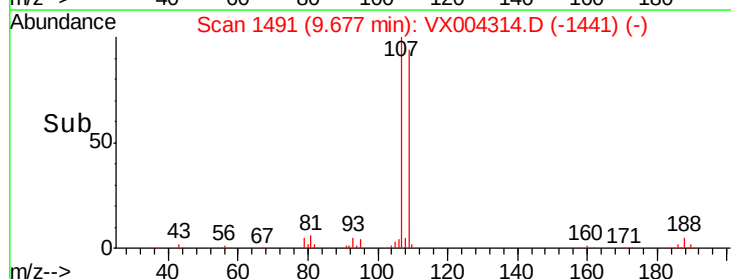
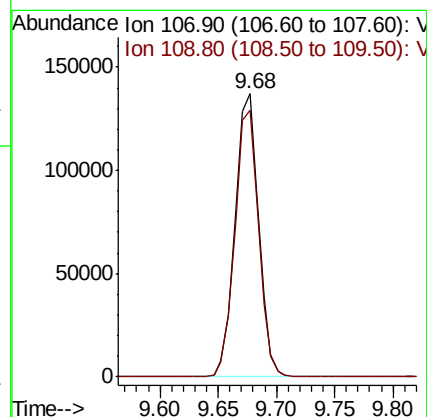
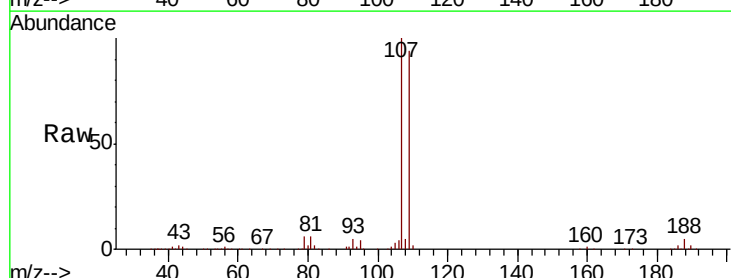
Acq: 30 Aug 2018 01:38

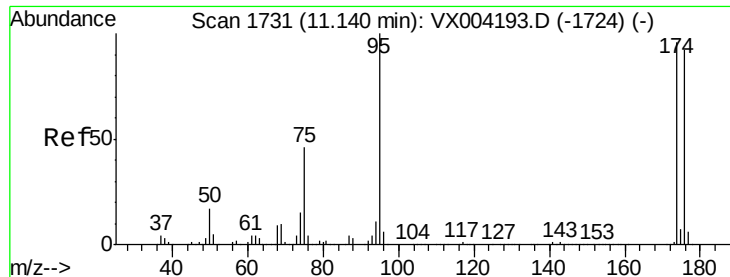
Tgt Ion:107 Resp: 193907

Ion Ratio Lower Upper

107 100

109 95.2 76.0 114.0





#62

4-Bromofluorobenzene

Concen: 49.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 95 Resp: 224312

Ion Ratio Lower Upper

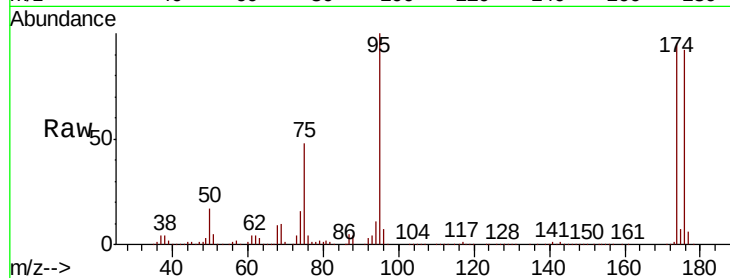
95 100

174 92.6 0.0 185.2

176 89.9 0.0 178.6

Manual Integrations
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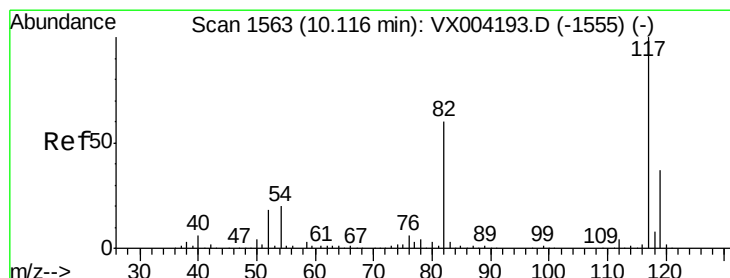
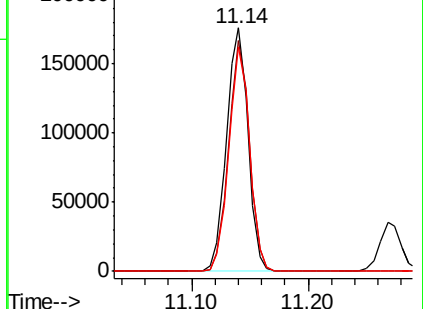
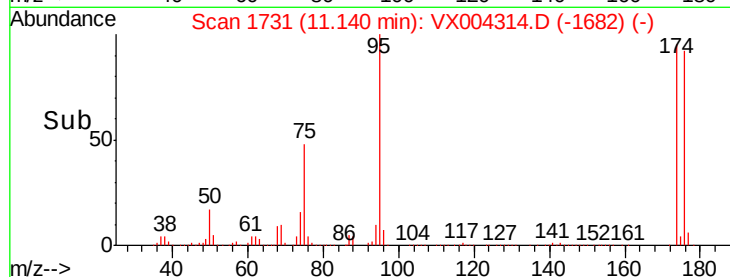


Abundance Ion 94.90 (94.60 to 95.60): VX004314.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX004314.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX004314.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

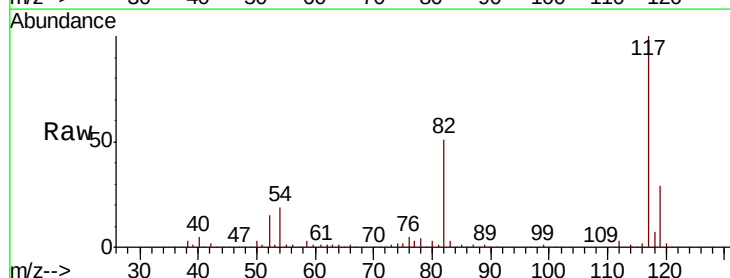
Tgt Ion: 117 Resp: 396096

Ion Ratio Lower Upper

117 100

82 50.7 47.8 71.6

119 29.1 29.3 43.9#

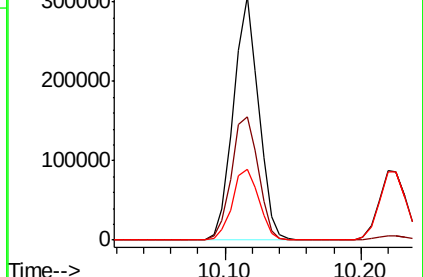
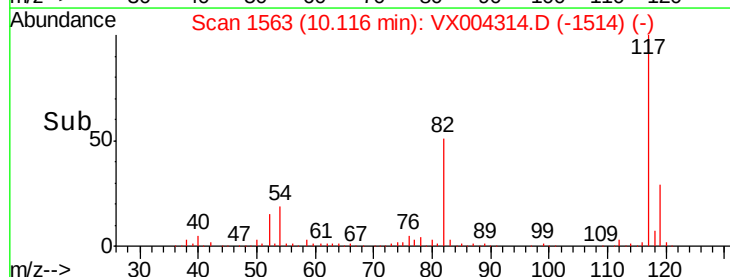


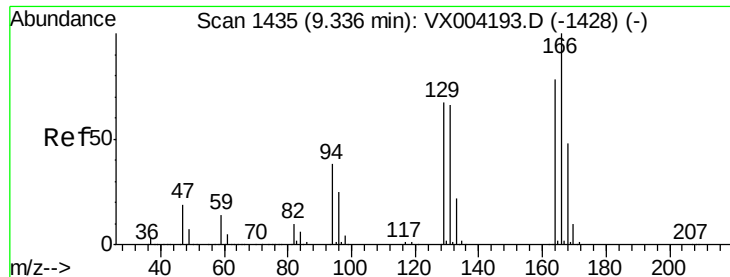
Abundance Ion 116.90 (116.60 to 117.60): VX004314.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX004314.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX004314.D (-1514) (-)

Time-->





#64

Tetrachloroethene

Concen: 55.91 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:164 Resp: 218768

Ion Ratio Lower Upper

164 100

166 125.1 102.8 154.2

129 86.2 69.4 104.0

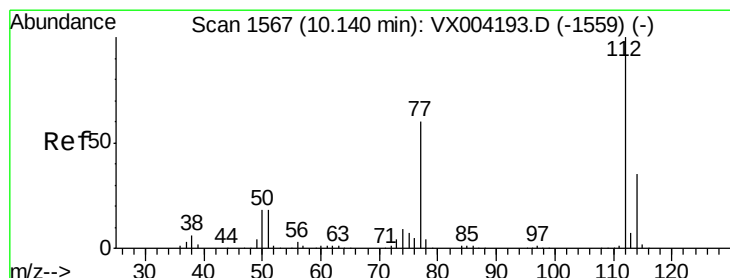
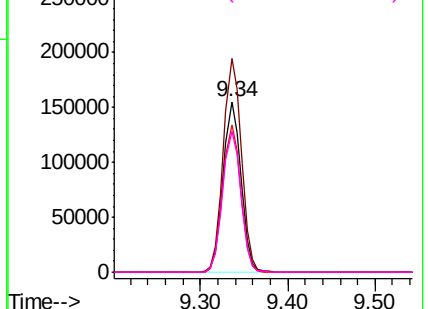
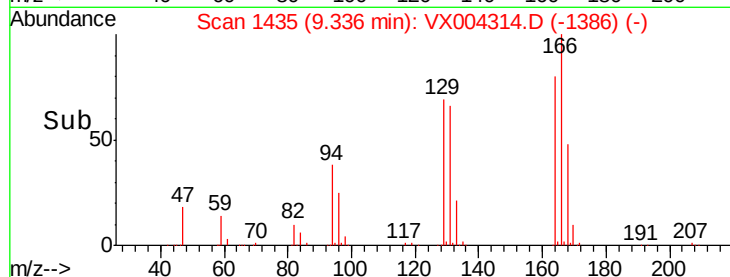
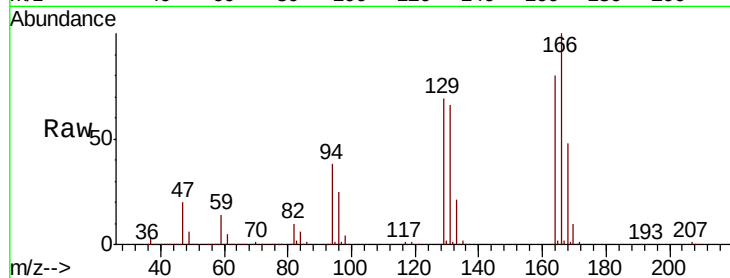
131 82.3 67.9 101.9

Manual Integrations

APPROVED

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#65

Chlorobenzene

Concen: 48.78 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004314.D

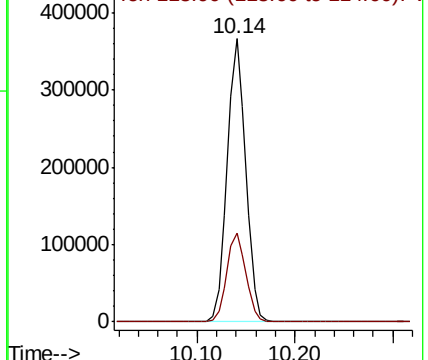
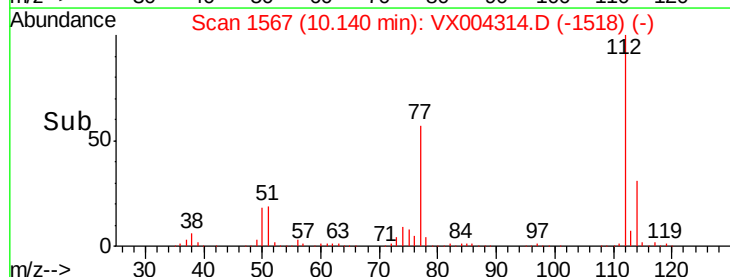
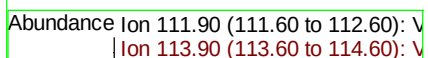
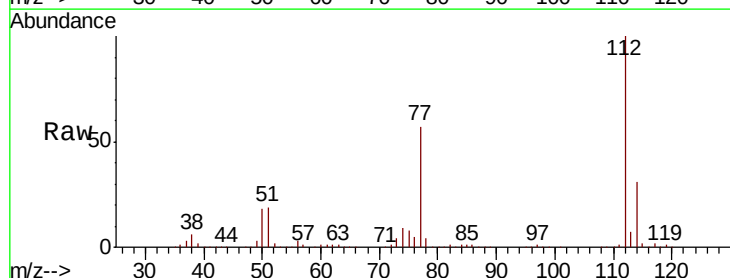
Acq: 30 Aug 2018 01:38

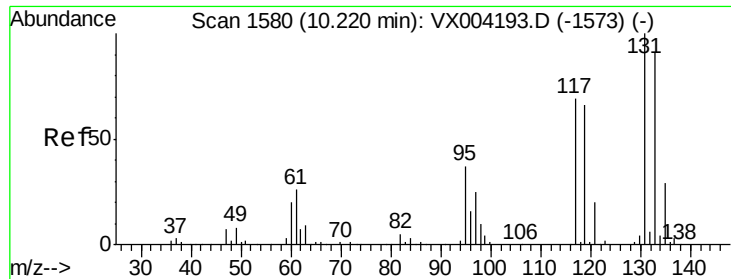
Tgt Ion:112 Resp: 484883

Ion Ratio Lower Upper

112 100

114 31.3 27.8 41.8





#66

1,1,1,2-Tetrachloroethane

Concen: 51.80 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

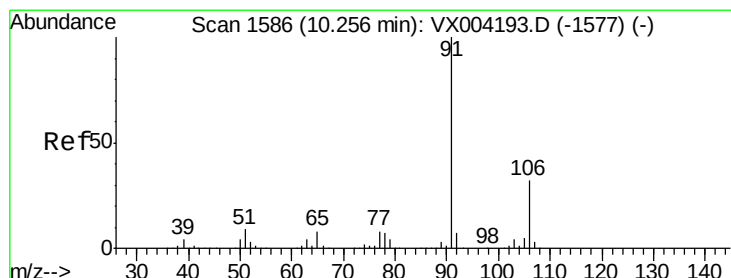
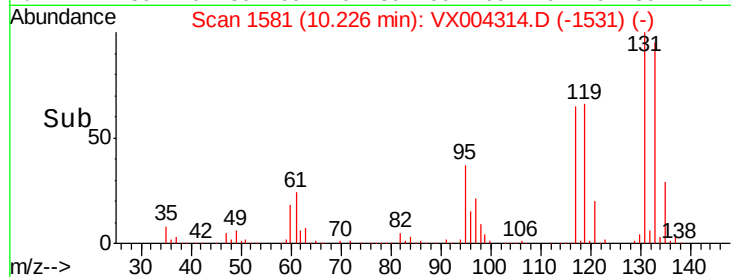
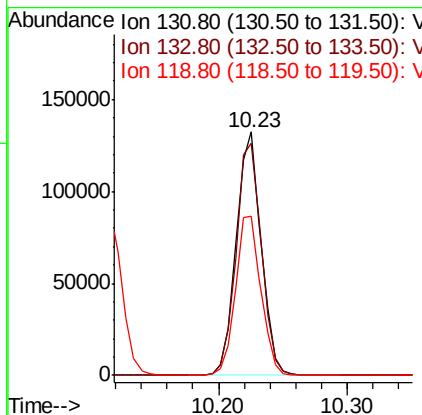
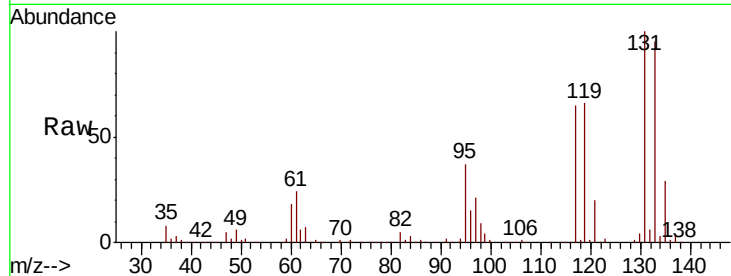
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	131	Resp:	177603
Ion Ratio	Lower	Upper	
131	100		
133	97.3	48.1	144.4
119	67.0	32.9	98.6

Manual Integrations
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#67

Ethyl Benzene

Concen: 50.36 ug/l

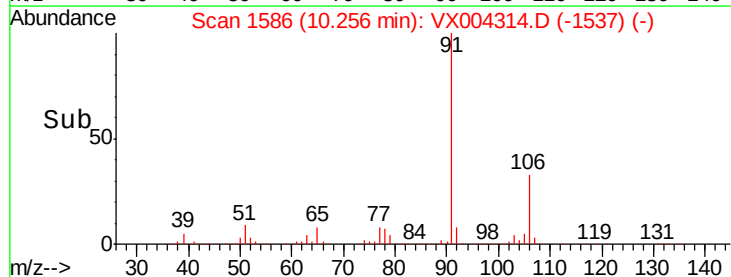
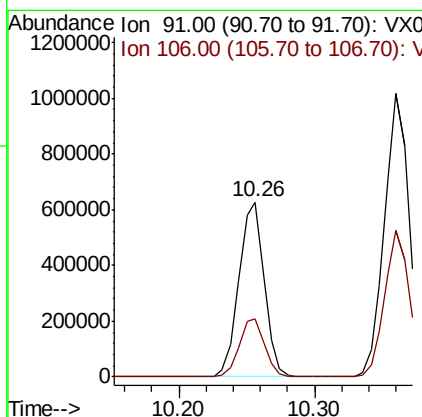
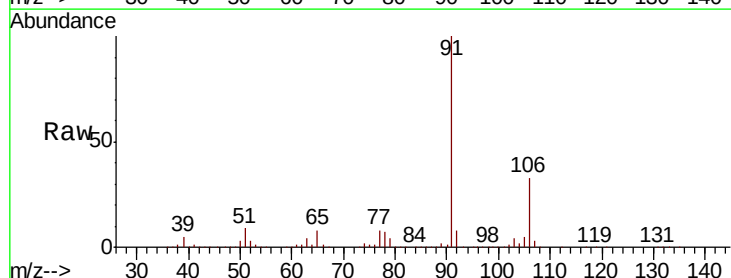
RT: 10.26 min Scan# 1586

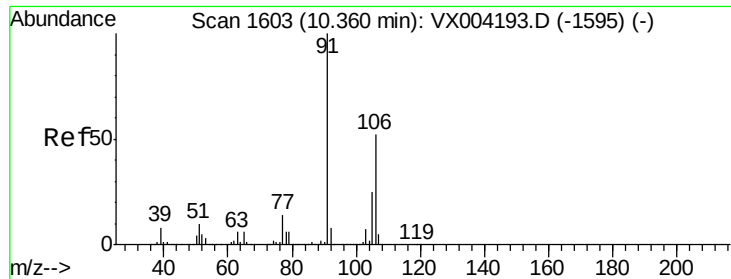
Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion:	91	Resp:	813046
Ion Ratio	Lower	Upper	
91	100		
106	33.3	25.9	38.9





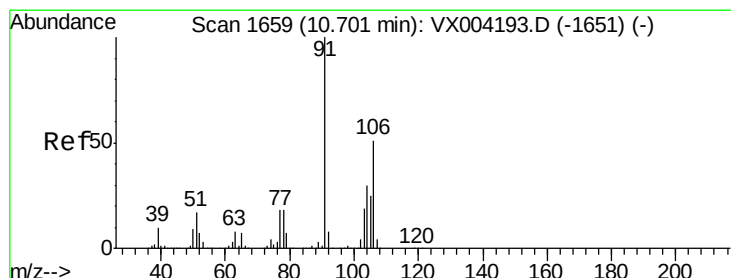
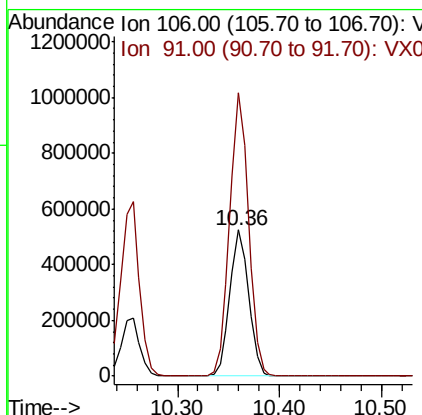
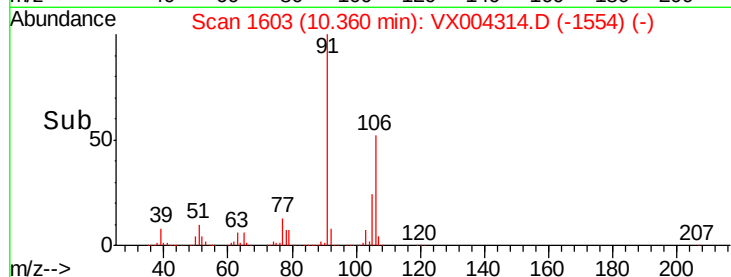
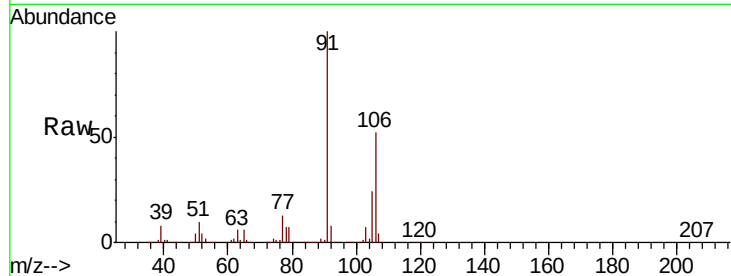
#68
m/p-Xylenes
Concen: 106.24 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion:106 Resp: 670702
Ion Ratio Lower Upper
106 100
91 193.7 157.1 235.7

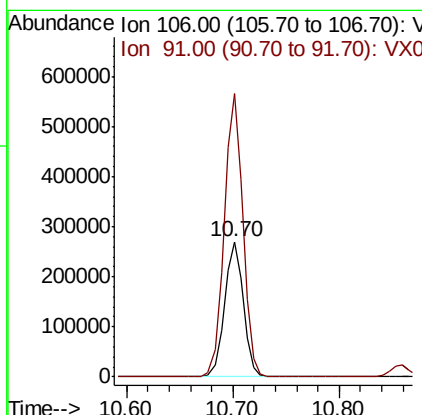
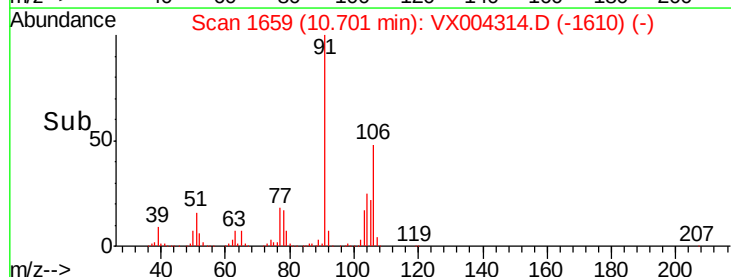
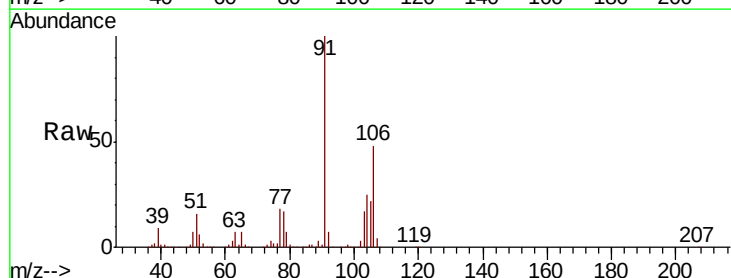
Manual Integrations
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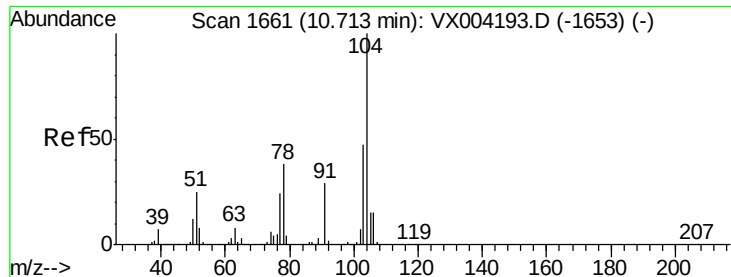
MMDadoda
8/30/2018 1:38:40 PM



#69
o-Xylene
Concen: 55.61 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004314.D
Acq: 30 Aug 2018 01:38

Tgt Ion:106 Resp: 332051
Ion Ratio Lower Upper
106 100
91 208.6 105.1 315.1





#70

Stvrene

Concen: 55.66 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

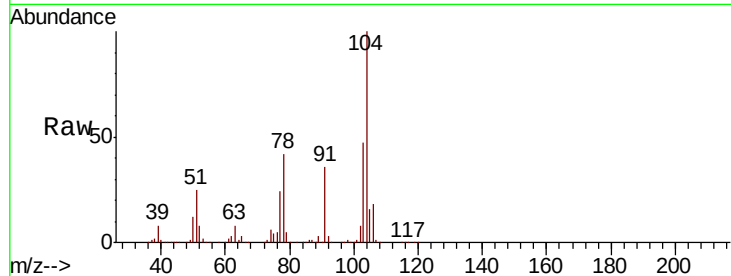
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

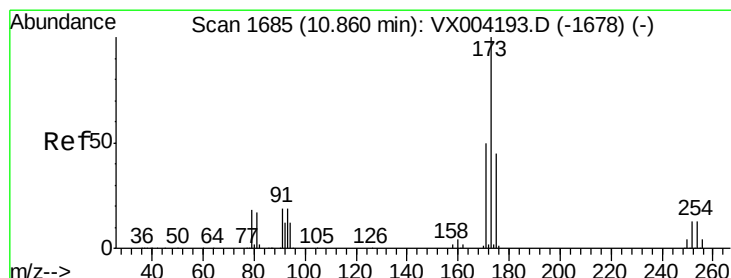
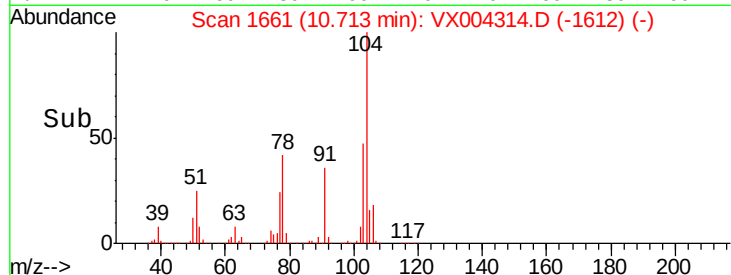
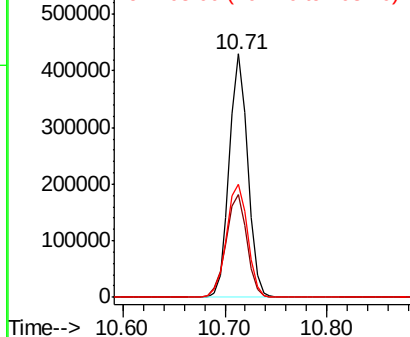
Tot Ion:	104	Resp:	538149
Ion Ratio	Lower	Upper	
104	100		
78	47.7	37.4	56.0
103	53.4	43.8	65.6

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Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 54.41 ug/l

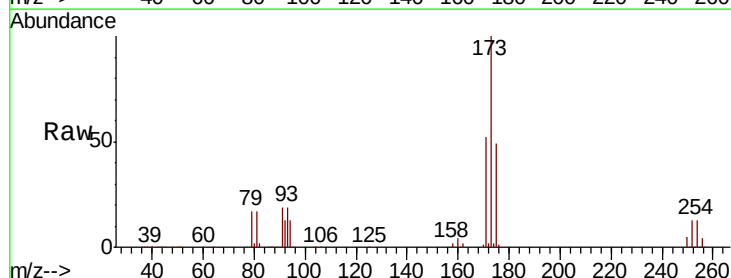
RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

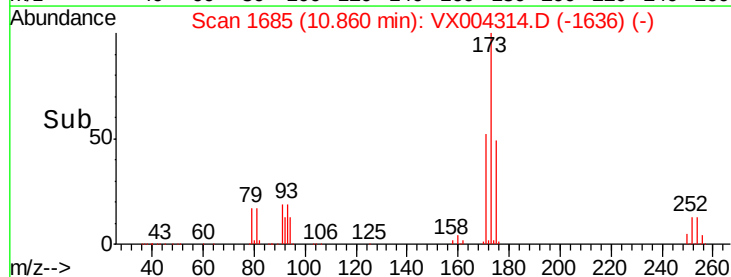
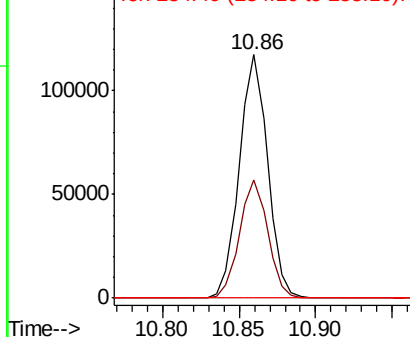
Lab File: VX004314.D

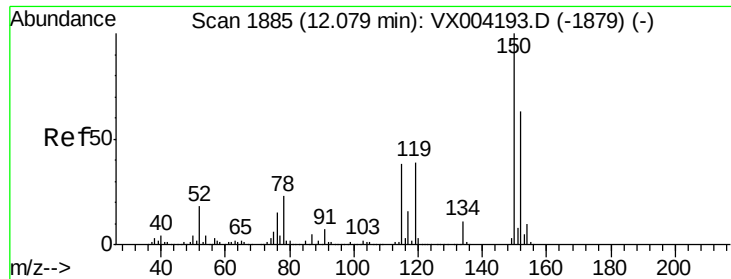
Acq: 30 Aug 2018 01:38

Tgt Ion:	173	Resp:	150392
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.1	72.3
254	0.2	0.2	0.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:152 Resp: 237196

Ion Ratio Lower Upper

152 100

115 79.1 39.0 117.0

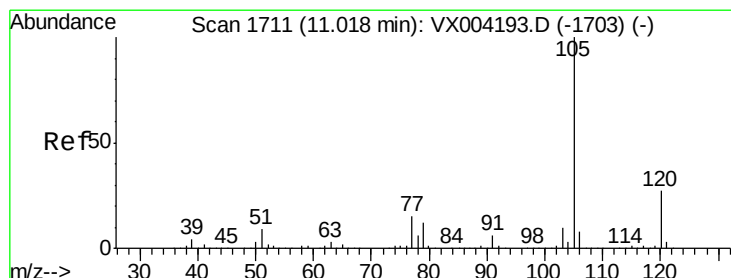
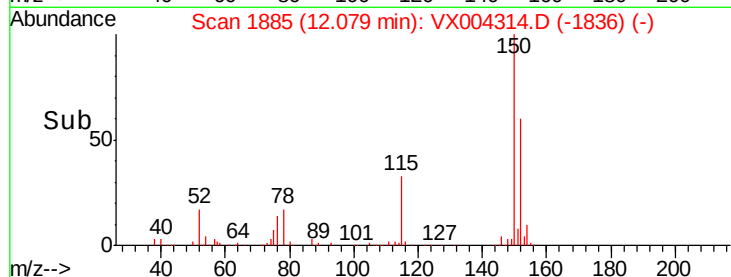
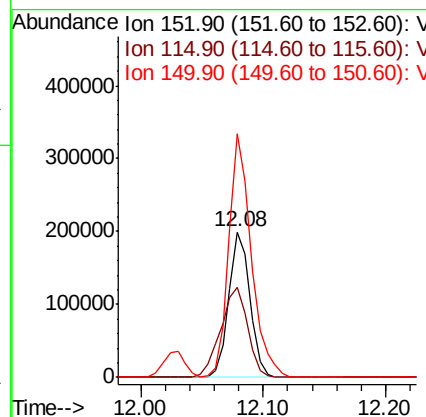
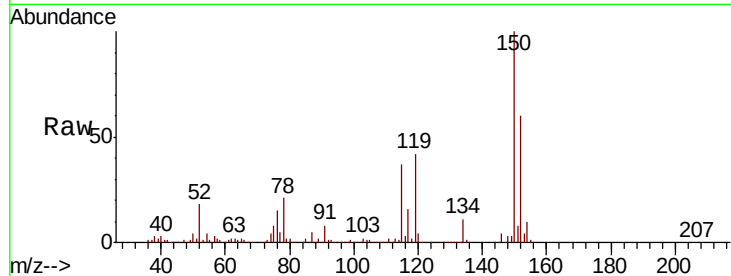
150 178.7 0.0 351.0

Manual Integrations

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#73

Isopropylbenzene

Concen: 56.57 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004314.D

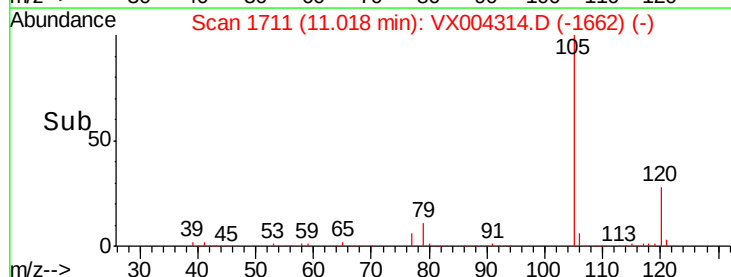
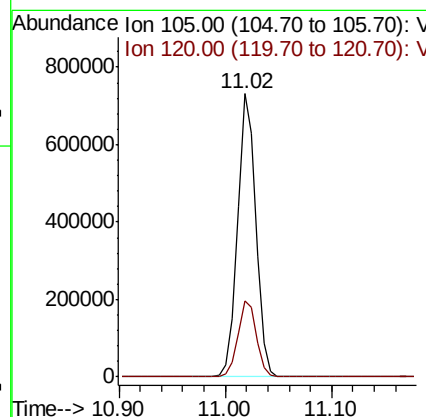
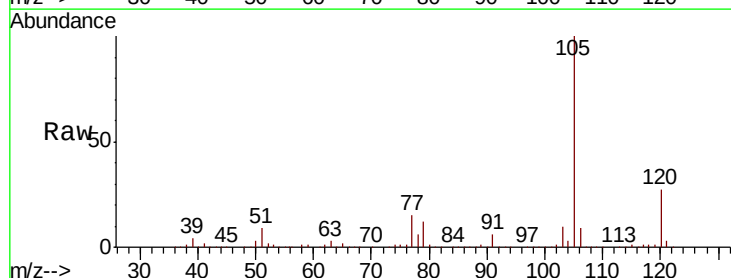
Acq: 30 Aug 2018 01:38

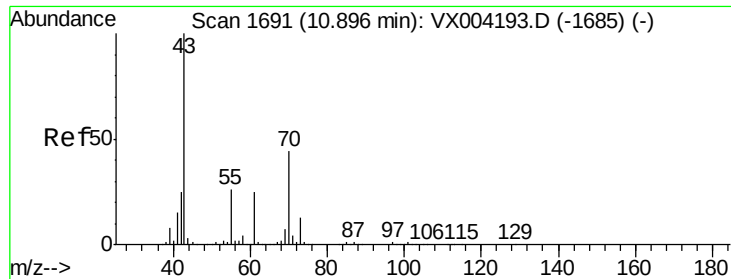
Tgt Ion:105 Resp: 881310

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4





#74

N-amvl acetate

Concen: 38.69 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

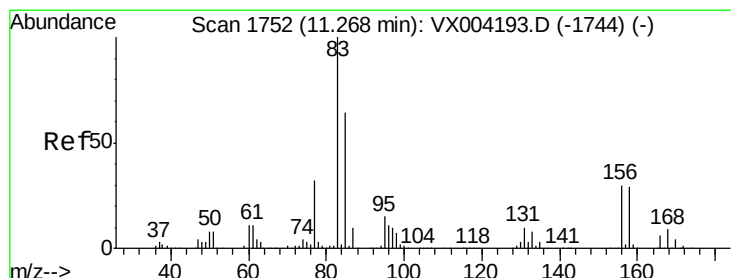
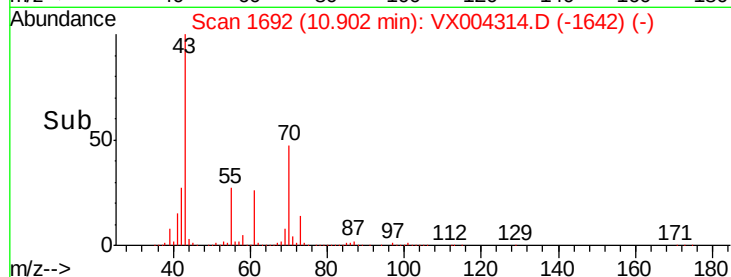
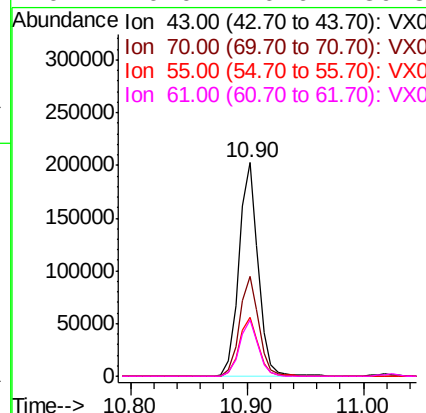
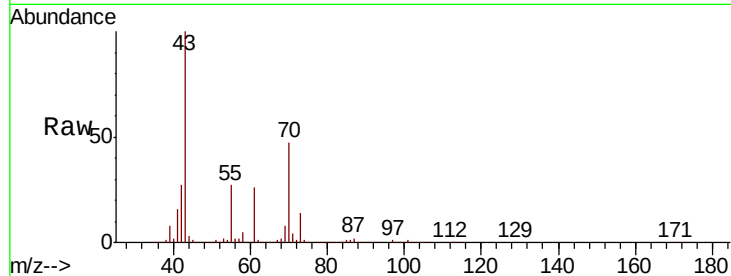
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion	43	Resp	232083
Ion Ratio	Lower	Upper	
43	100		
70	47.1	37.4	56.0
55	28.1	21.8	32.8
61	26.0	20.6	30.8

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 54.87 ug/l

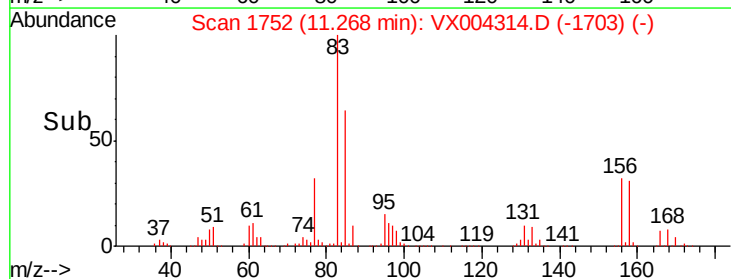
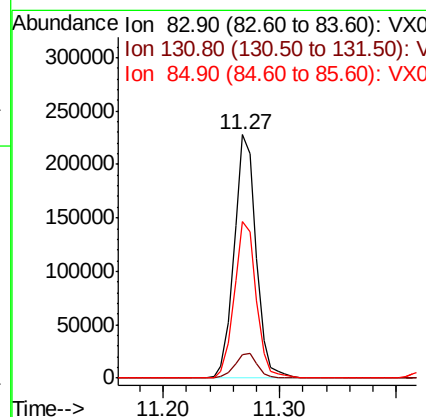
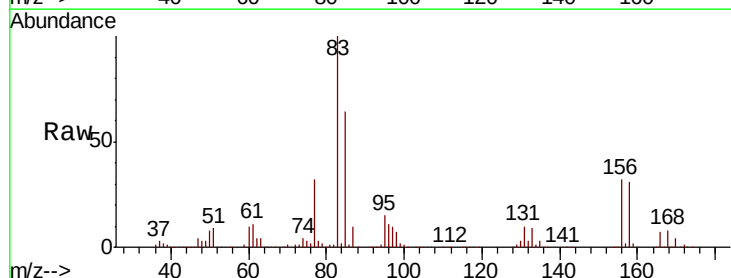
RT: 11.27 min Scan# 1752

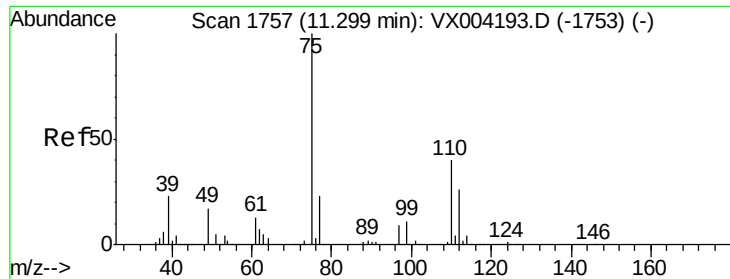
Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion	83	Resp	299154
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	64.6	32.3	96.8





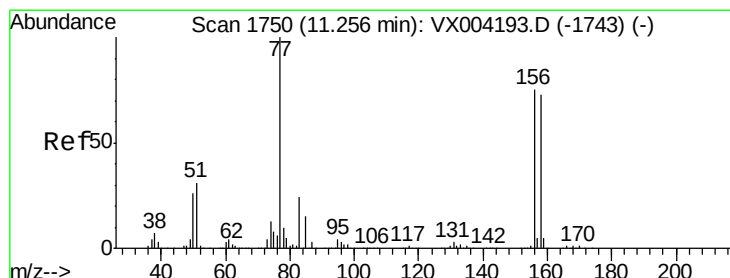
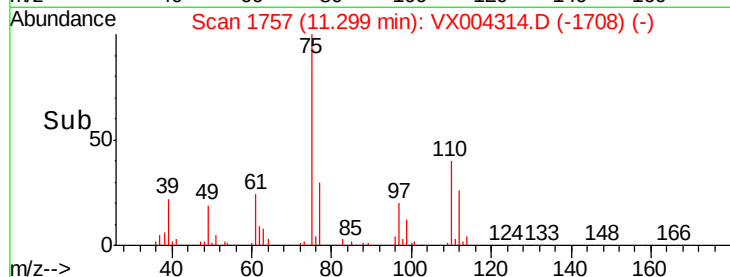
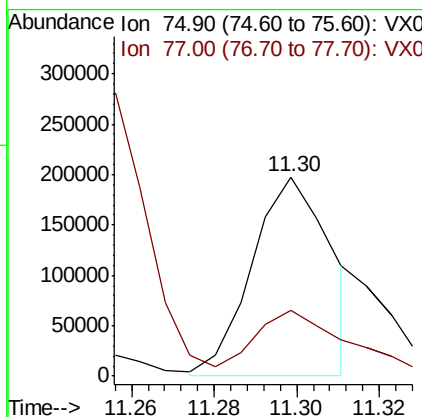
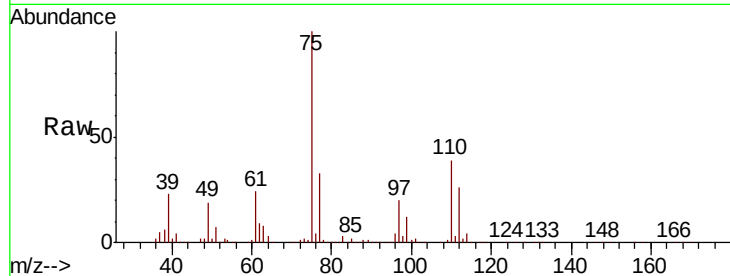
#76
 1,2,3-Trichloropropane
 Concen: 54.27 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 75 Resp: 261802
 Ion Ratio Lower Upper
 75 100
 77 39.8 20.2 60.6

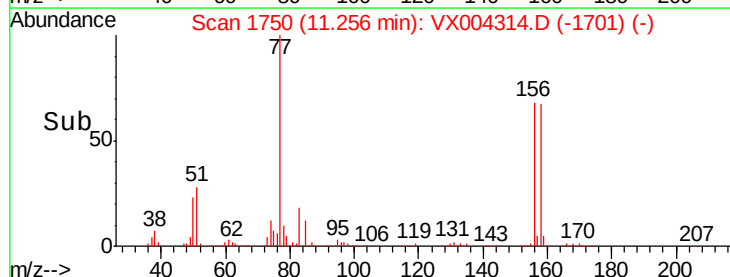
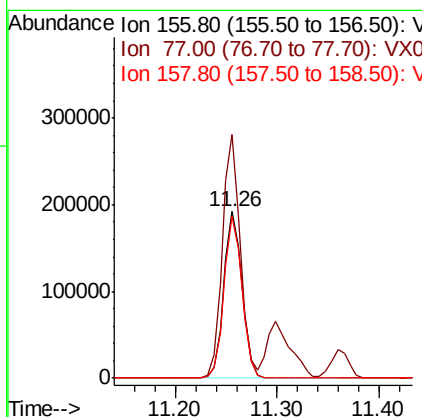
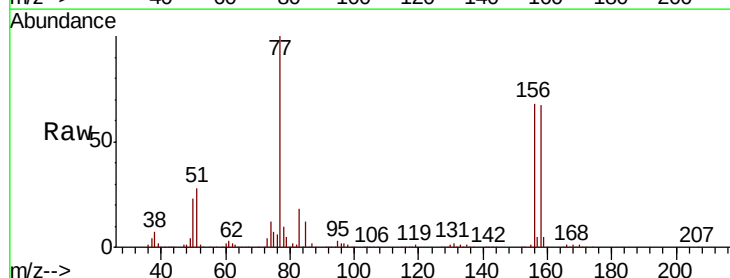
Manual Integrations
 APPROVED

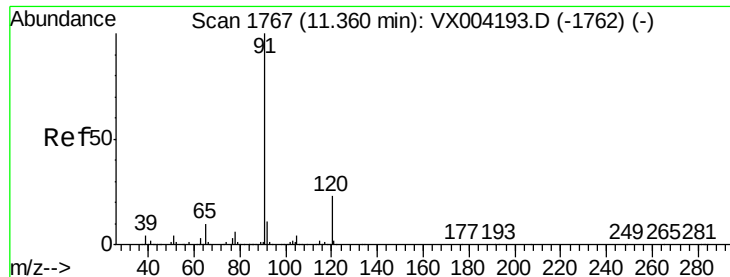
MMDadoda
 8/30/2018 1:38:40 PM



#77
 Bromobenzene
 Concen: 54.43 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Tgt Ion: 156 Resp: 237843
 Ion Ratio Lower Upper
 156 100
 77 144.4 71.5 214.3
 158 97.0 48.9 146.8





#78

n-propylbenzene

Concen: 56.06 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 91 Resp: 1004453

Ion Ratio Lower Upper

91 100

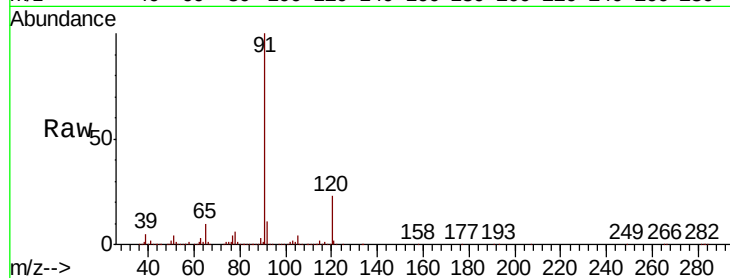
120 24.0 11.9 35.9

Manual Integrations

APPROVED

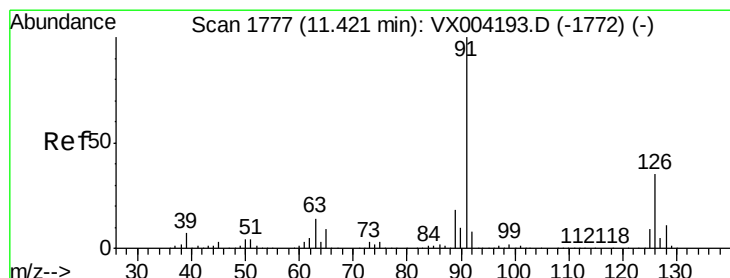
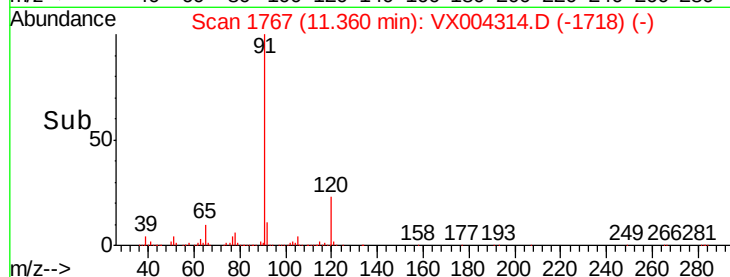
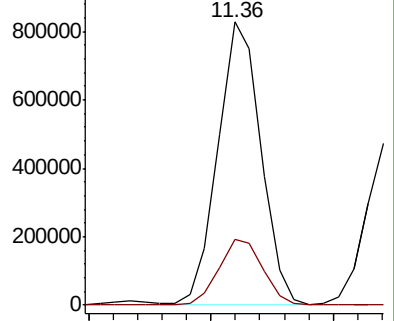
MMDadoda

8/30/2018 1:38:40 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 53.54 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004314.D

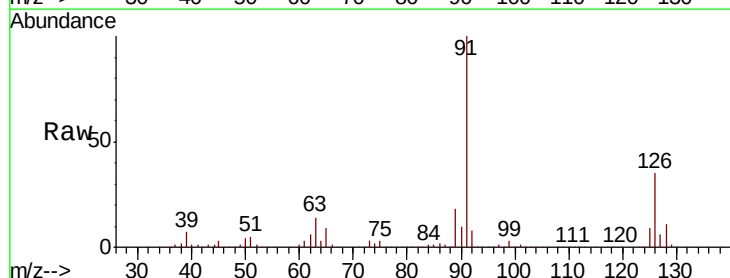
Acq: 30 Aug 2018 01:38

Tgt Ion: 91 Resp: 590424

Ion Ratio Lower Upper

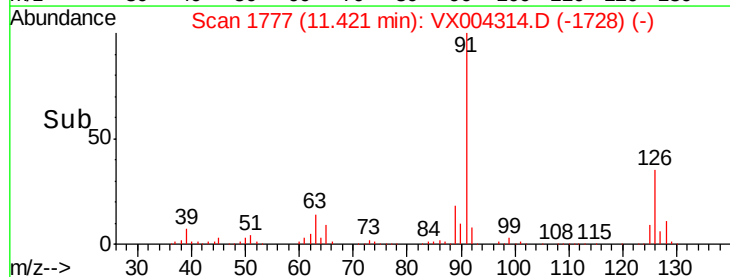
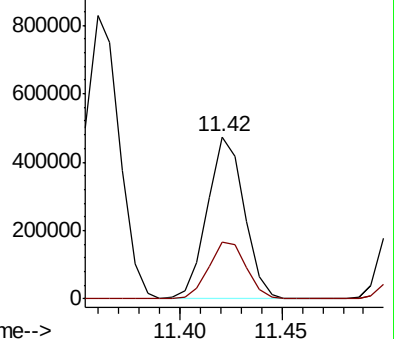
91 100

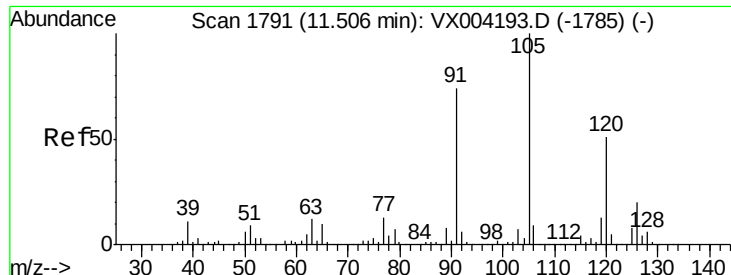
126 36.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





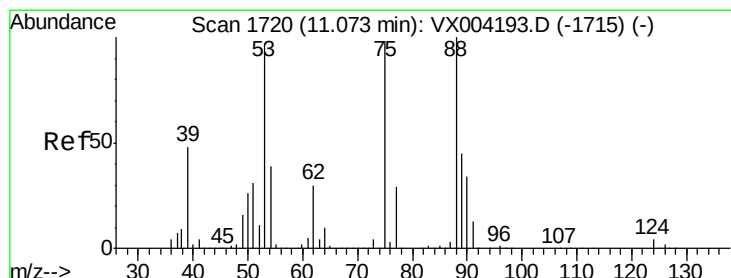
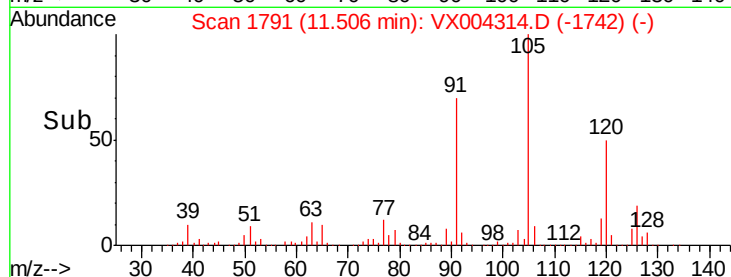
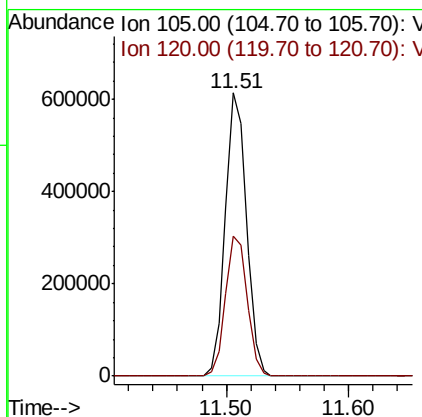
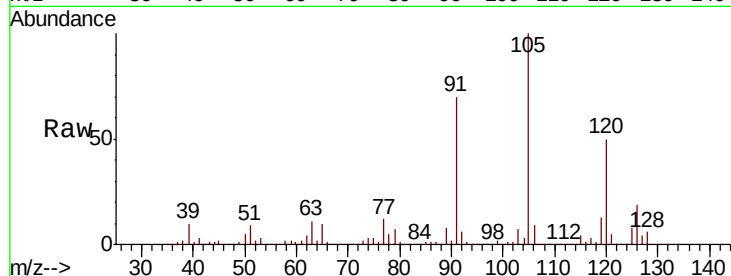
#80
 1,3,5-Trimethylbenzene
 Concen: 56.88 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion:105 Resp: 733866
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.8

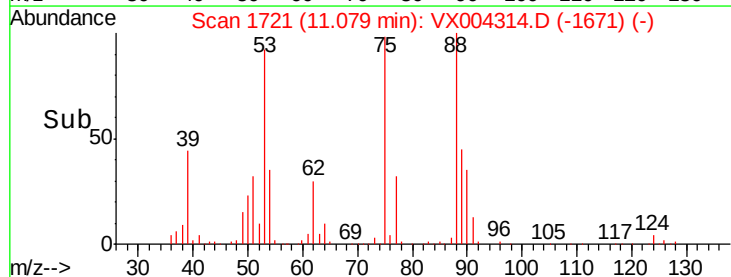
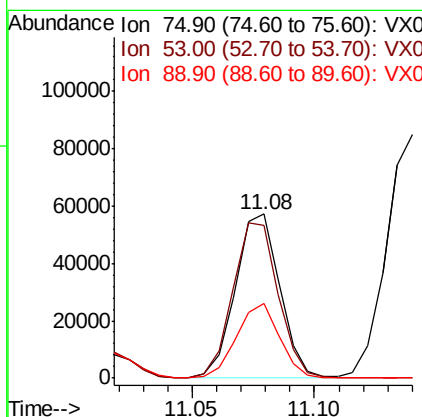
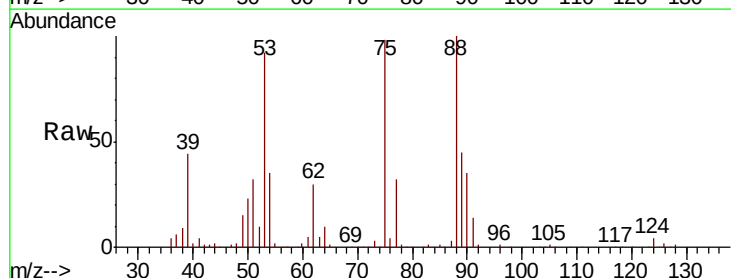
Manual Integrations
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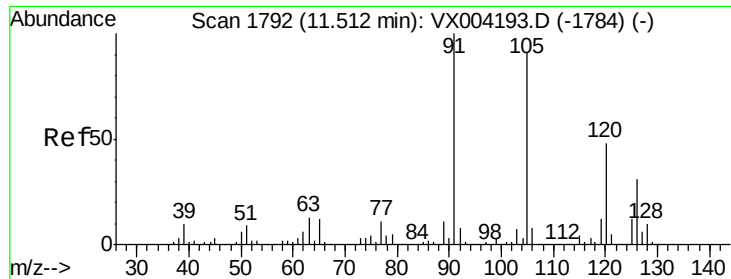
MMDadoda
 8/30/2018 1:38:40 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.30 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Tgt Ion: 75 Resp: 71809
 Ion Ratio Lower Upper
 75 100
 53 97.9 80.1 120.1
 89 44.6 37.2 55.8





#82

4-Chlorotoluene

Concen: 53.90 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 91 Resp: 699424

Ion Ratio Lower Upper

91 100

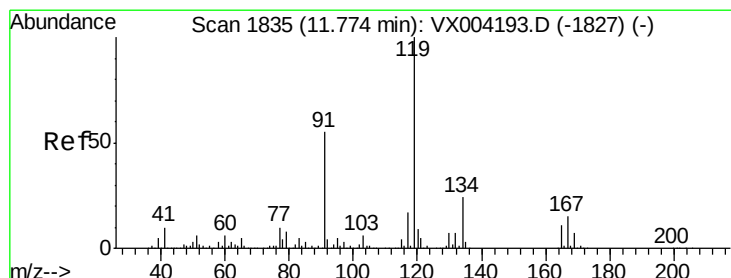
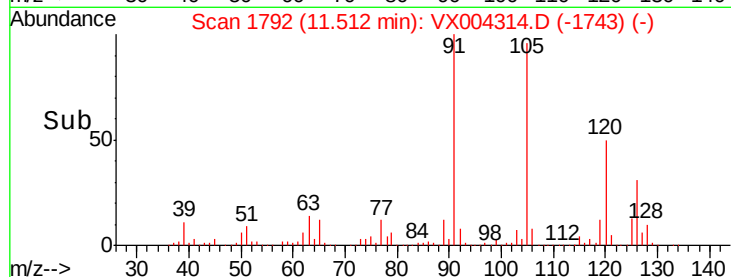
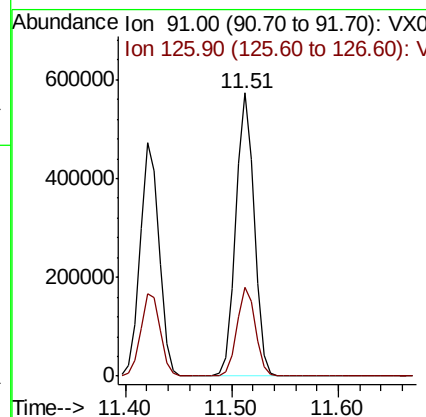
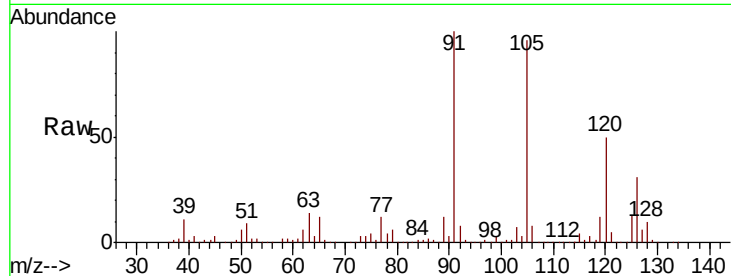
126 31.3 15.5 46.5

Manual Integrations

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8/30/2018 1:38:40 PM



#83

tert-Butylbenzene

Concen: 56.97 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

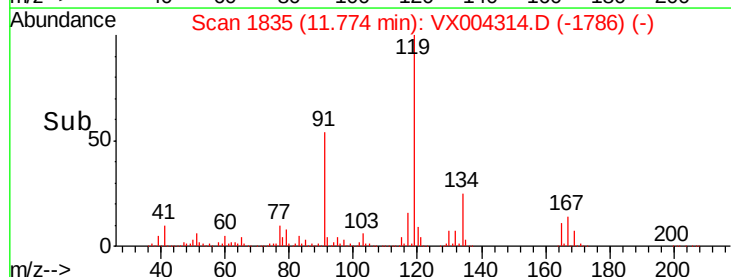
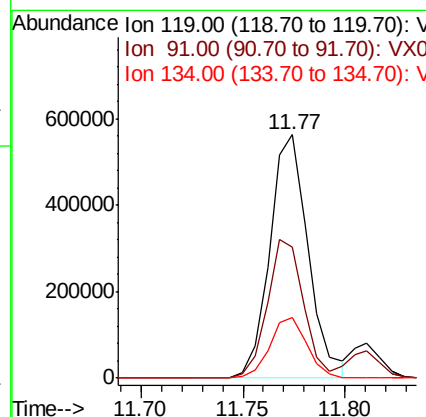
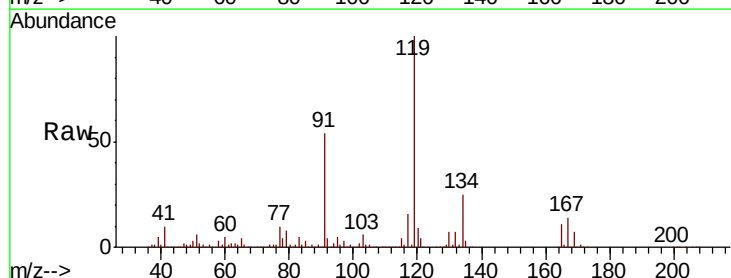
Tgt Ion: 119 Resp: 739546

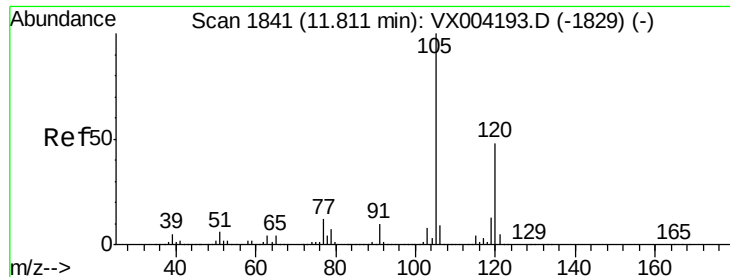
Ion Ratio Lower Upper

119 100

91 53.9 27.0 81.0

134 24.2 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 57.15 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:105 Resp: 756841

Ion Ratio Lower Upper

105 100

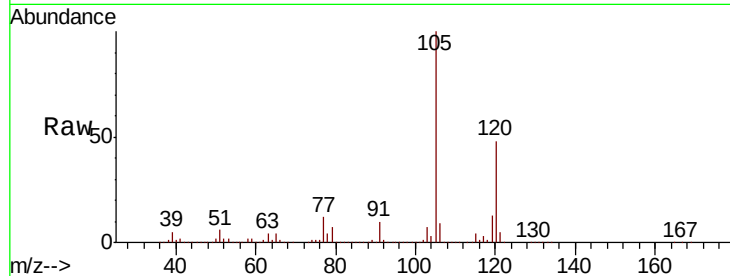
120 46.8 23.2 69.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

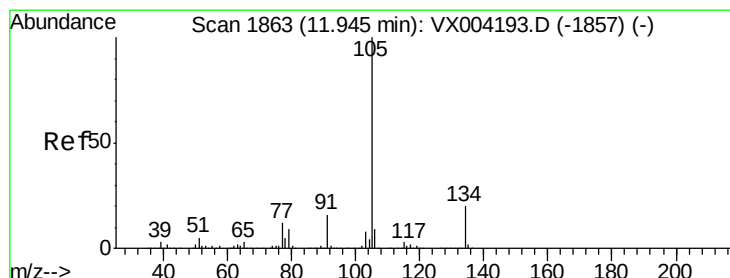
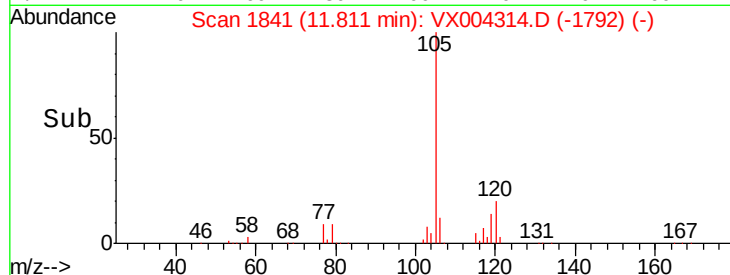
400000

200000

0

11.70 11.80 11.90

Time-->



#85

sec-Butylbenzene

Concen: 55.89 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004314.D

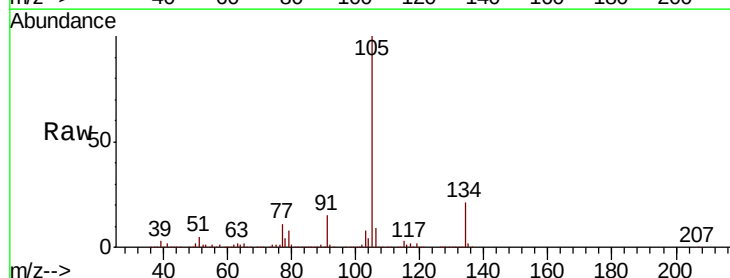
Acq: 30 Aug 2018 01:38

Tgt Ion:105 Resp: 861306

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

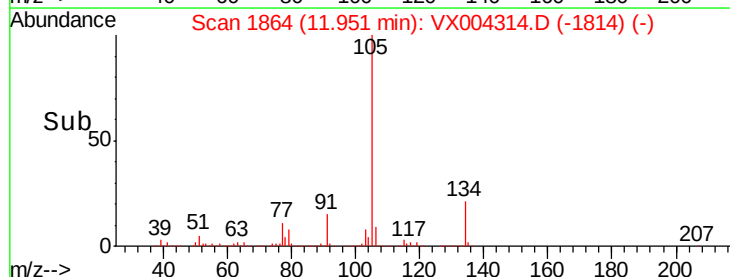
400000

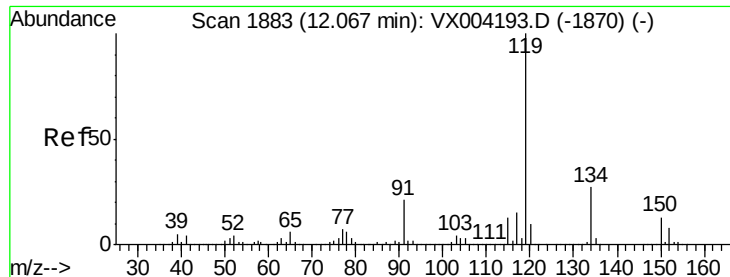
200000

0

11.90 12.00

Time-->





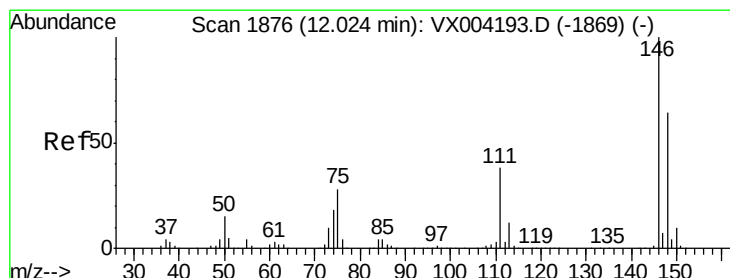
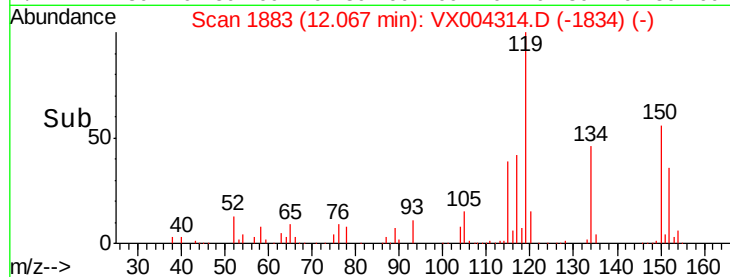
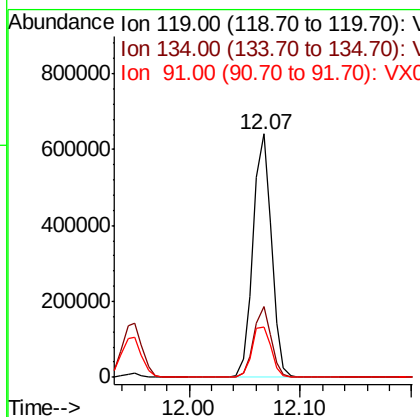
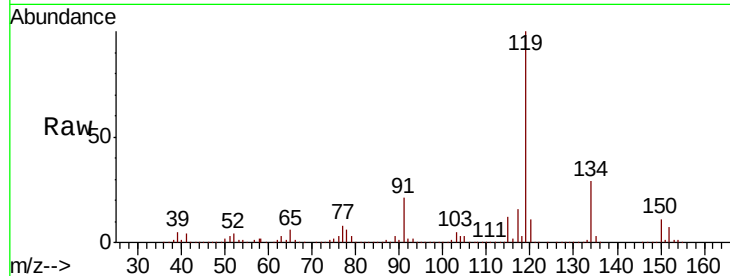
#86
 p-Isopropyltoluene
 Concen: 53.59 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	740185		
134	27.4		13.4	40.2
91	21.9		10.9	32.7

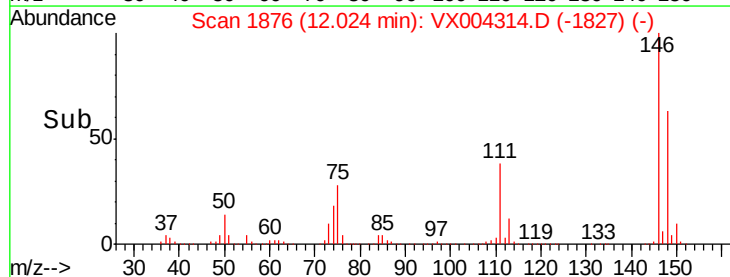
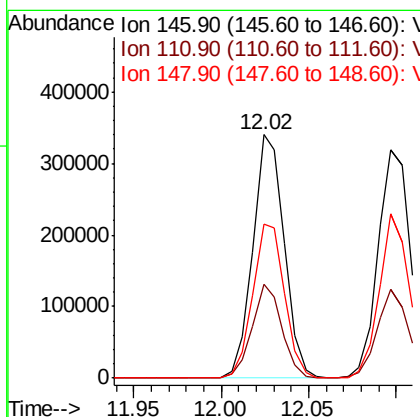
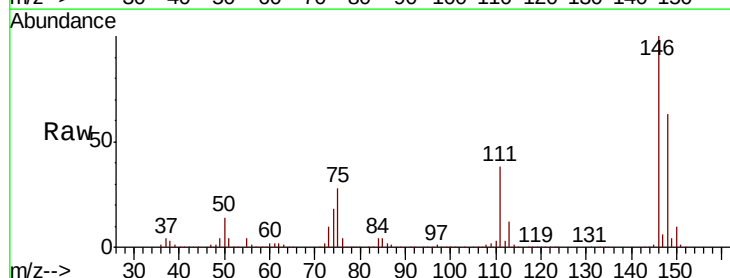
Manual Integrations
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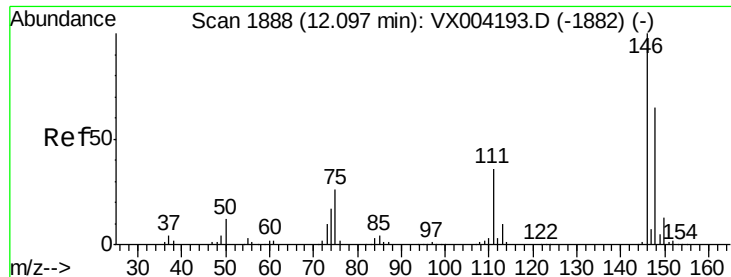
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 8/30/2018 1:38:40 PM



#87
 1,3-Dichlorobenzene
 Concen: 51.91 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	427114		
111	36.5		18.7	56.1
148	64.1		32.1	96.5





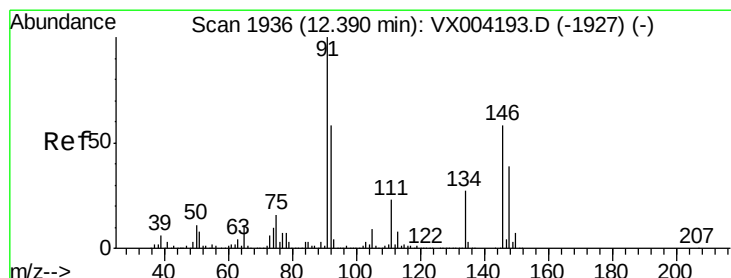
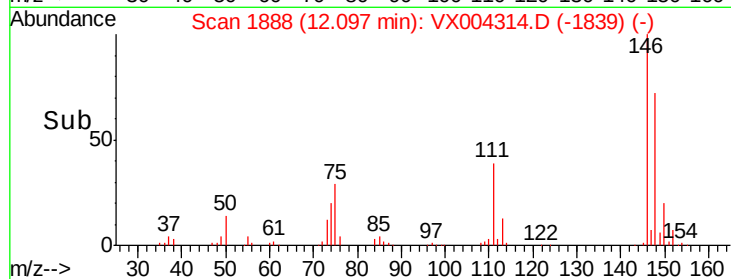
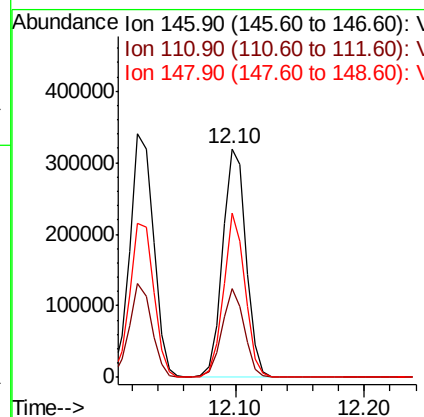
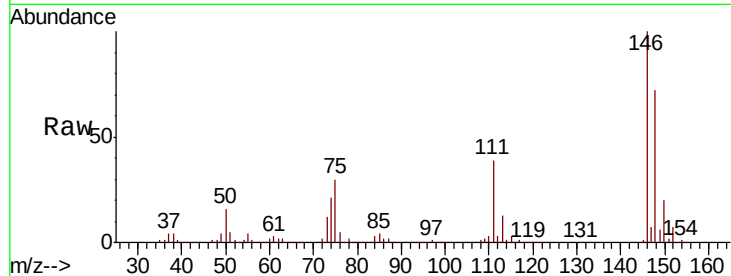
#88
 1,4-Dichlorobenzene
 Concen: 47.13 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	66.3	32.0	96.0

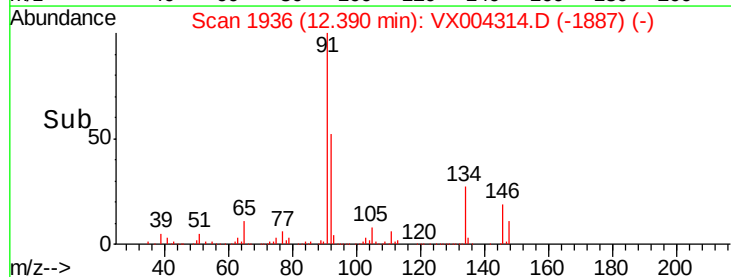
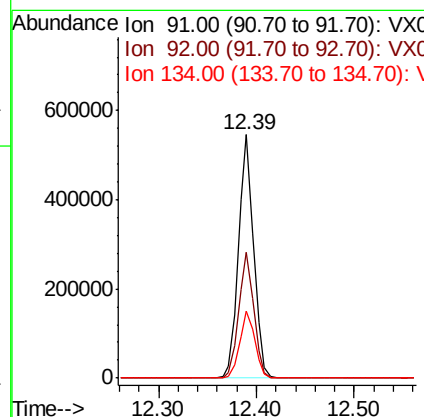
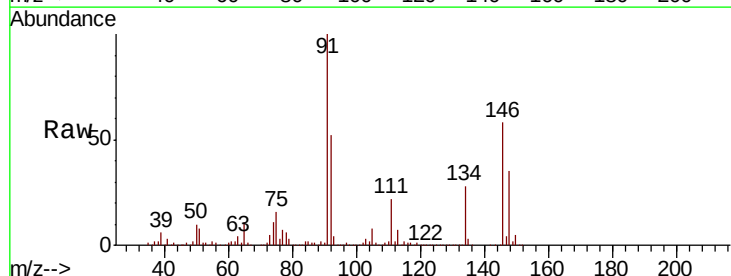
Manual Integrations
 APPROVED

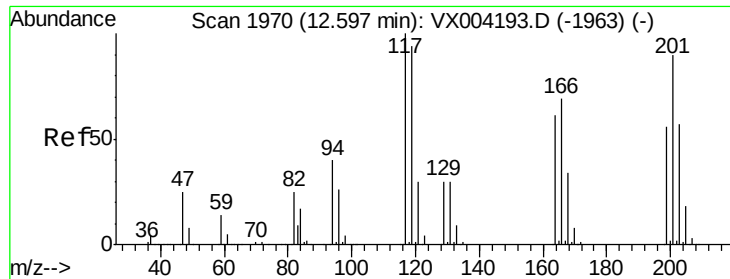
MMDadoda
 8/30/2018 1:38:40 PM



#89
 n-Butylbenzene
 Concen: 52.02 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	27.3	81.9
134	27.7	13.6	40.7





#90

Hexachloroethane

Concen: 56.46 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:117 Resp: 108994

Ion Ratio Lower Upper

117 100

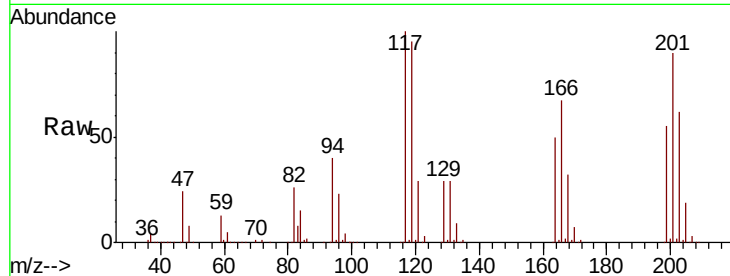
201 92.9 46.9 140.6

Manual Integrations

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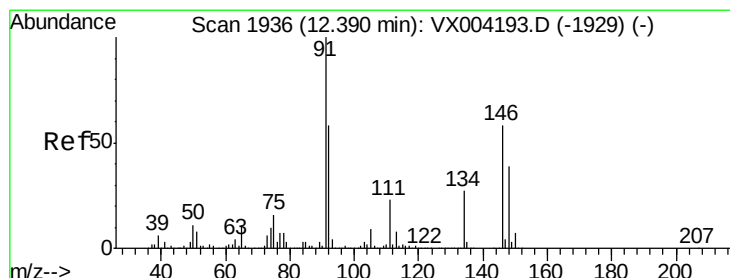
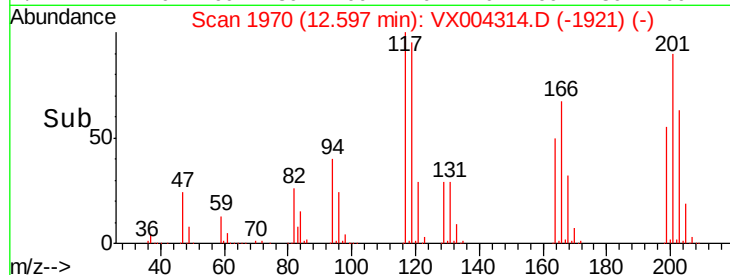
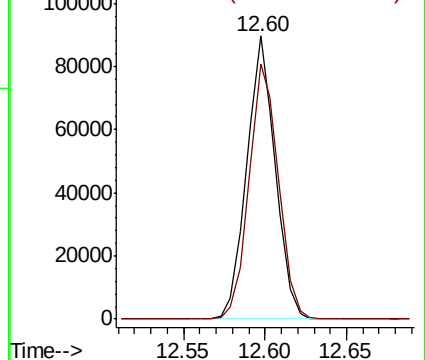
MMDadoda

8/30/2018 1:38:40 PM



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 55.14 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

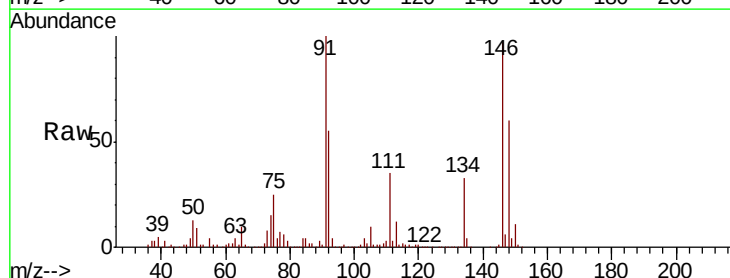
Tgt Ion:146 Resp: 414610

Ion Ratio Lower Upper

146 100

111 37.2 19.4 58.1

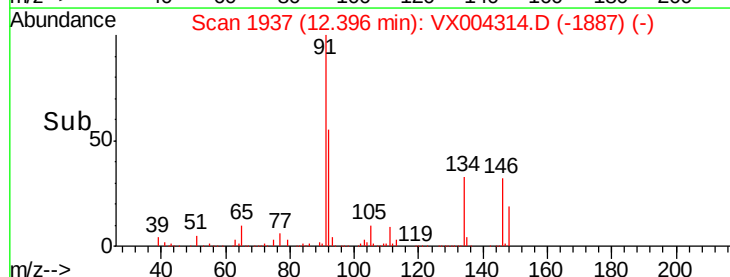
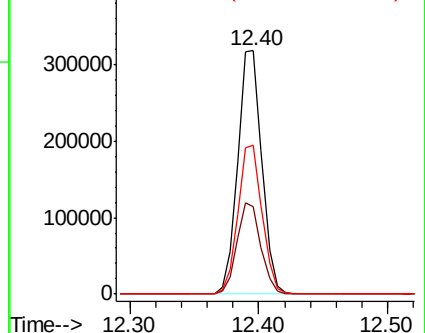
148 61.2 32.8 98.3

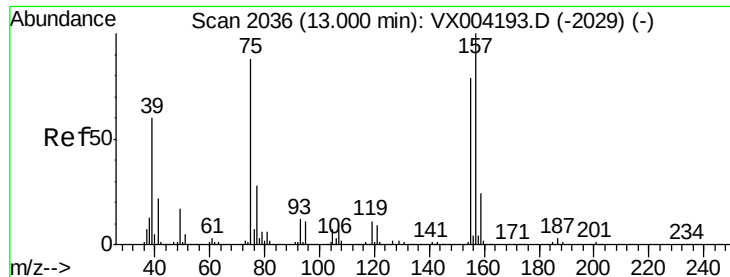


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





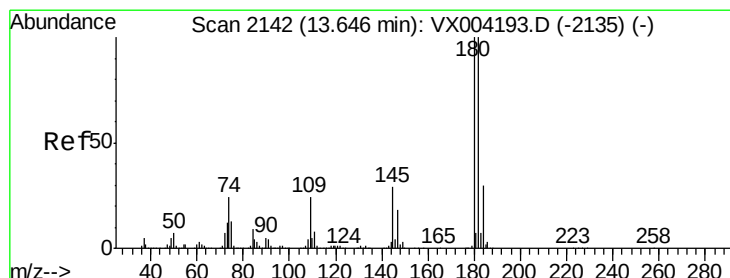
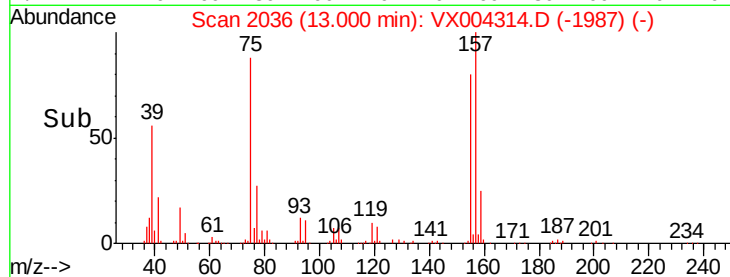
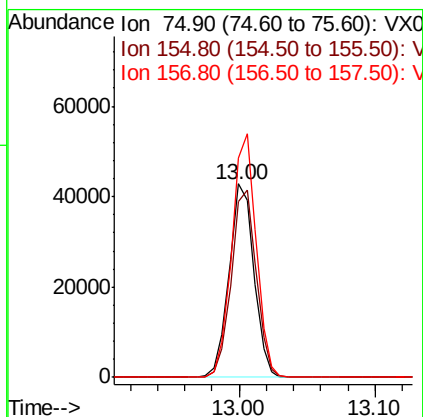
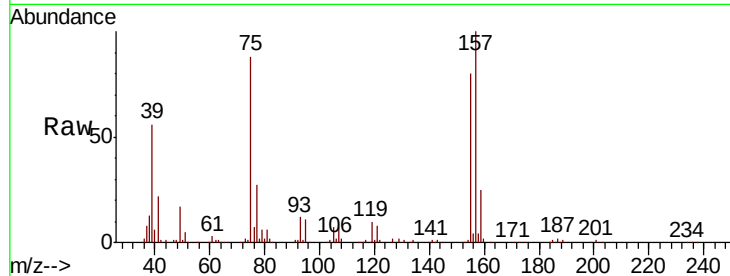
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.65 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	97.1	48.0	144.2
157	123.6	61.4	184.1

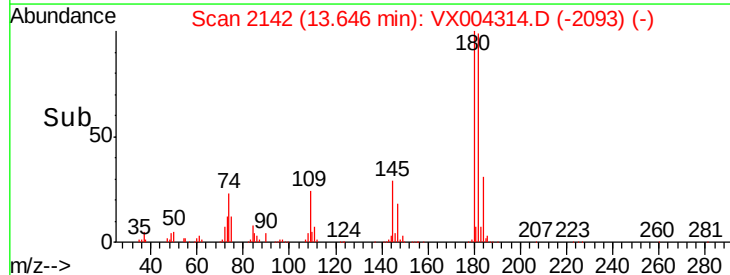
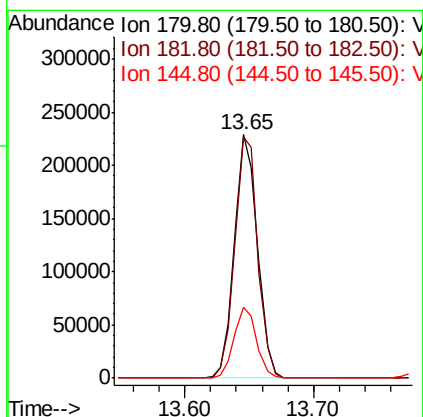
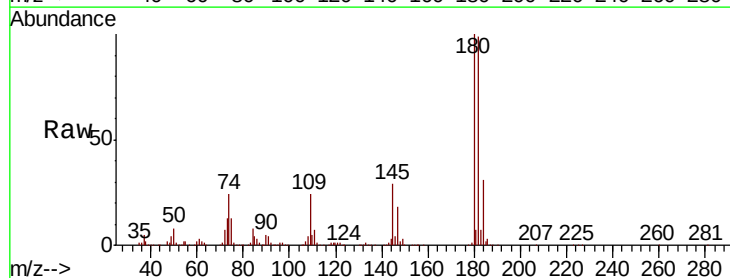
Manual Integrations
 APPROVED

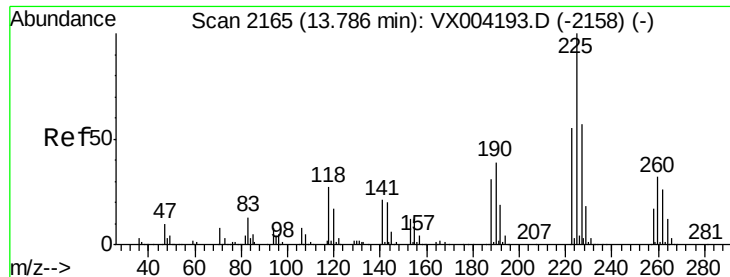
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 52.07 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	48.4	145.0
145	28.7	14.3	42.9





#94

Hexachlorobutadiene

Concen: 53.47 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA_X

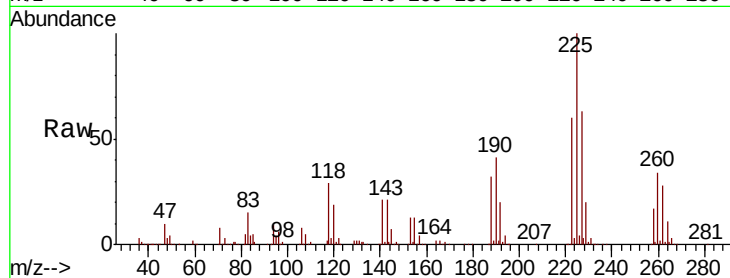
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	225	Resp:	136075
Ion Ratio		Lower	Upper
225	100		
223	61.1	30.1	90.5
227	63.4	30.8	92.4

Manual Integrations
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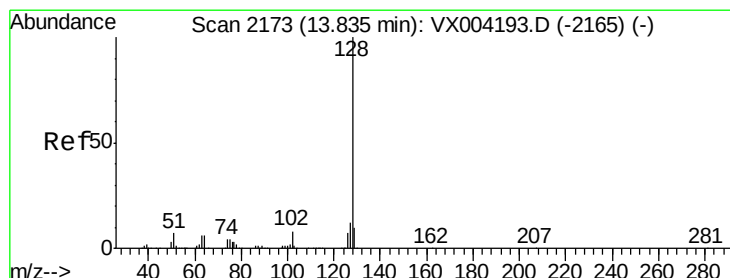
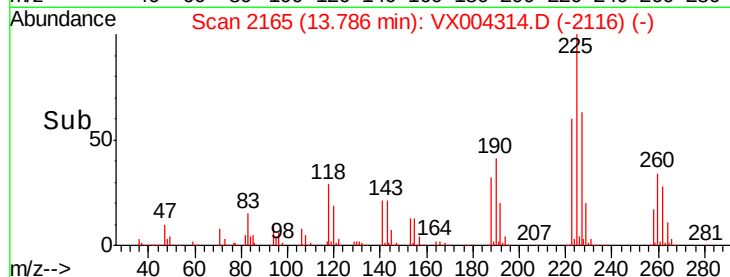
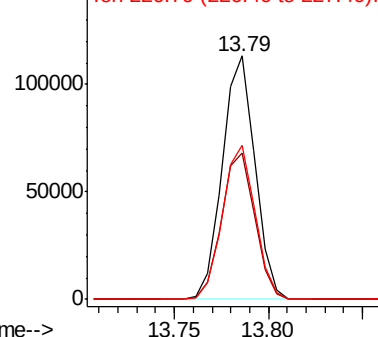


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 63.01 ug/l

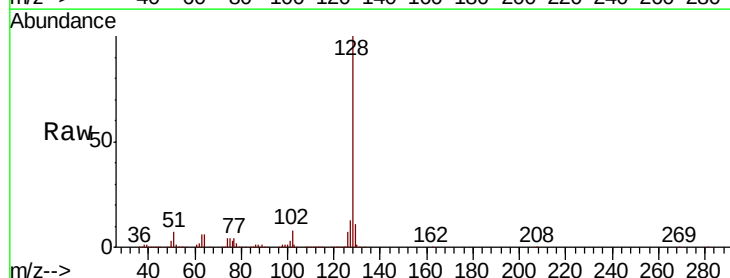
RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion:	128	Resp:	975110
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.6	12.8

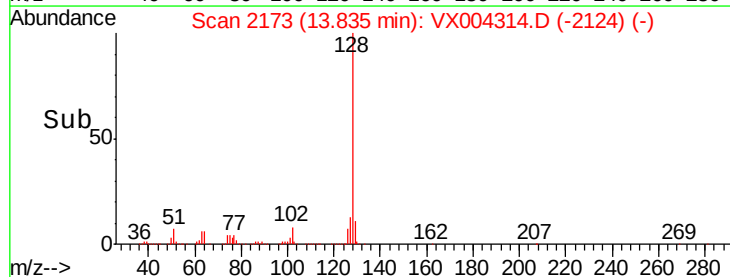
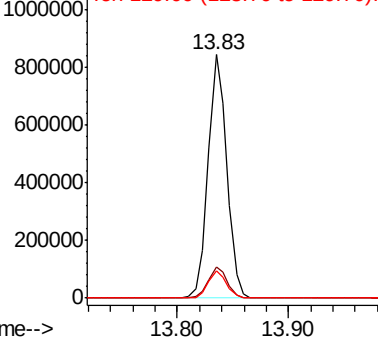


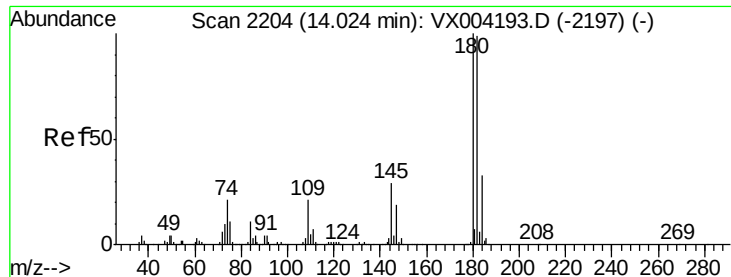
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 56.21 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX004314.D
 Acq: 30 Aug 2018 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	180	Resp:	325549
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.5	145.6
145	29.7	14.9	44.9

Manual Integrations
 APPROVED

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