

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071718\
 Data File : VX003414.D
 Acq On : 17 Jul 2018 08:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 12:58:21 PM

Quant Time: Jul 17 11:16:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	378857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	468320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	427554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	294296	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	213967	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
35) Dibromofluoromethane	5.51	113	205741	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
50) Toluene-d8	8.72	98	719314	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.14	95	267927	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	215933	50.50	ug/l	98
3) Chloromethane	1.32	50	207125	44.75	ug/l	93
4) Vinyl Chloride	1.40	62	230512	45.71	ug/l	98
5) Bromomethane	1.64	94	86685	50.19	ug/l	99
6) Chloroethane	1.72	64	141774	50.83	ug/l	98
7) Trichlorofluoromethane	1.92	101	309446	46.25	ug/l	96
8) Diethyl Ether	2.19	74	129206	45.14	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	193761	45.85	ug/l	98
10) Methyl Iodide	2.51	142	220477	48.77	ug/l	91
11) Tert butyl alcohol	3.09	59	249358	223.48	ug/l	100
12) 1,1-Dichloroethene	2.37	96	175771	44.01	ug/l	98
13) Acrolein	2.30	56	103034	192.50	ug/l	92
14) Allyl chloride	2.73	41	344874	47.61	ug/l	88
15) Acrylonitrile	3.15	53	565068	221.05	ug/l	96
16) Acetone	2.45	43	462639	224.18	ug/l #	85
17) Carbon Disulfide	2.56	76	493903	45.07	ug/l	100
18) Methyl Acetate	2.78	43	337166	50.16	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	649189	48.96	ug/l	95
20) Methylene Chloride	2.86	84	210093	56.66	ug/l #	84
21) trans-1,2-Dichloroethene	3.16	96	194162	45.01	ug/l	95
22) Diisopropyl ether	3.88	45	661973	47.11	ug/l	97
23) Vinyl Acetate	3.83	43	2779872	239.88	ug/l #	95
24) 1,1-Dichloroethane	3.70	63	367156	46.06	ug/l	99
25) 2-Butanone	4.71	43	727772	225.34	ug/l #	89
26) 2,2-Dichloropropane	4.58	77	282602	50.51	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	219460	47.29	ug/l	99
28) Bromochloromethane	5.02	49	167030	48.26	ug/l	87
29) Tetrahydrofuran	5.18	42	464510	226.79	ug/l	90
30) Chloroform	5.21	83	357294	48.64	ug/l	98
31) Cyclohexane	5.58	56	302587	49.15	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	307008	49.14	ug/l	97
36) 1,1-Dichloropropene	5.80	75	259348	54.69	ug/l	99
37) Ethyl Acetate	4.87	43	272969	51.08	ug/l #	95
38) Carbon Tetrachloride	5.78	117	264338	54.77	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	276452	50.92	ug/l	95
40) Benzene	6.15	78	735053	50.94	ug/l	99
41) Methacrylonitrile	5.07	41	157807	53.70	ug/l	92
42) 1,2-Dichloroethane	6.20	62	244343	49.38	ug/l	95
43) Isopropyl Acetate	6.48	43	391506	48.54	ug/l #	93
44) Trichloroethene	7.21	130	206483	49.40	ug/l	95
45) 1,2-Dichloropropane	7.53	63	186257	49.62	ug/l	95
46) Dibromomethane	7.67	93	120787	48.33	ug/l	97
47) Bromodichloromethane	7.90	83	229382	50.12	ug/l	100
48) Methyl methacrylate	7.78	41	205069	49.84	ug/l	87
49) 1,4-Dioxane	7.76	88	88384	938.11	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1412221	265.98	ug/l	92
52) Toluene	8.79	92	502938	55.67	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	290933	53.84	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	287528	58.30	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	199479	52.85	ug/l	97
56) Ethyl methacrylate	9.18	69	288681	54.02	ug/l #	87
57) 1,3-Dichloropropane	9.38	76	323143	53.28	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	685469	255.78	ug/l	98
59) 2-Hexanone	9.50	43	999449	245.00	ug/l	90
60) Dibromochloromethane	9.59	129	186904	49.84	ug/l	99
61) 1,2-Dibromoethane	9.68	107	188857	48.54	ug/l	100
64) Tetrachloroethene	9.34	164	266157	59.50	ug/l	94
65) Chlorobenzene	10.14	112	509209	50.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	186280	51.88	ug/l	99
67) Ethyl Benzene	10.26	91	855513	51.82	ug/l	100
68) m/p-Xylenes	10.36	106	675652	105.81	ug/l	97
69) o-Xylene	10.70	106	320951	52.33	ug/l	97
70) Styrene	10.71	104	539206	53.42	ug/l	98
71) Bromoform	10.86	173	148089	51.28	ug/l #	99
73) Isopropylbenzene	11.02	105	866690	45.99	ug/l	100
74) N-amyl acetate	6.48	43	391506	43.20	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	286920	46.13	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	253674m	47.61	ug/l	
77) Bromobenzene	11.26	156	265828	49.67	ug/l	97
78) n-propylbenzene	11.37	91	1088801	51.72	ug/l	97
79) 2-Chlorotoluene	11.42	91	669843	51.90	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	831497	54.02	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	80461	49.06	ug/l	90
82) 4-Chlorotoluene	11.51	91	801733	53.24	ug/l	98
83) tert-Butylbenzene	11.77	119	796532	52.95	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	837300	52.95	ug/l	96
85) sec-Butylbenzene	11.95	105	941209	51.57	ug/l	98
86) p-Isopropyltoluene	12.07	119	896745	55.20	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	480342	49.04	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	480244	48.28	ug/l	98
89) n-Butylbenzene	12.39	91	766268	55.37	ug/l	99
90) Hexachloroethane	12.60	117	133246	54.13	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	480585	48.85	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	67638	52.27	ug/l	93

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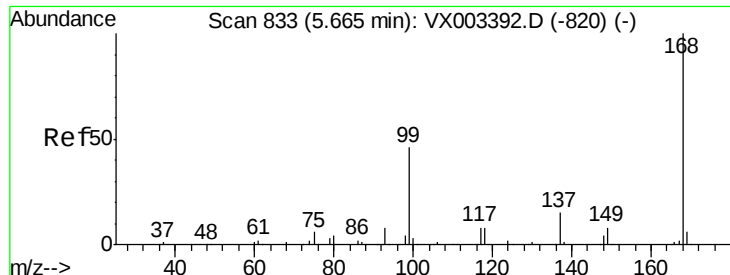
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	377437	56.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	182860	56.43	ug/l	99
95) Naphthalene	13.84	128	1071655	55.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	372121	53.74	ug/l	98

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



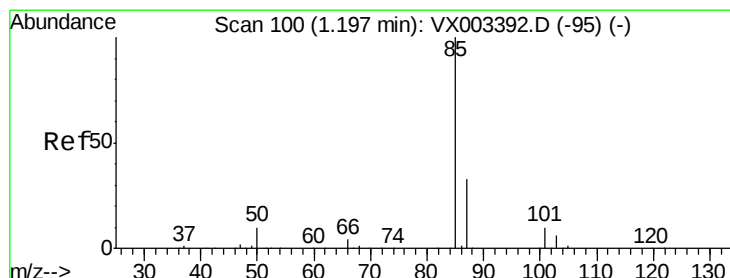
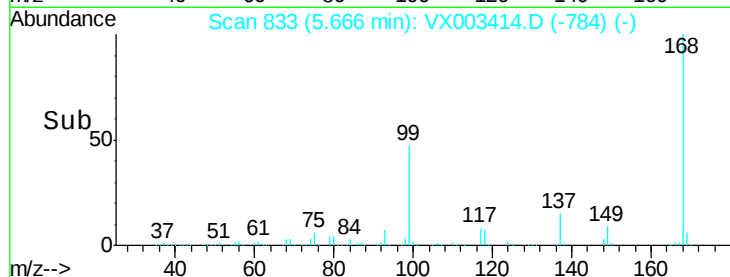
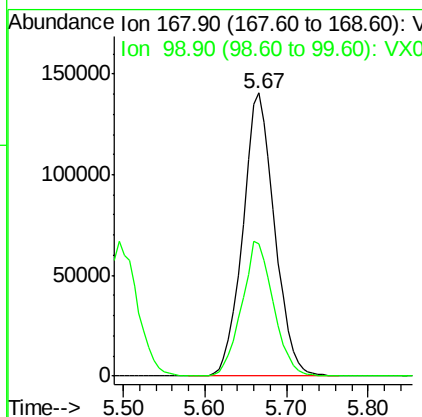
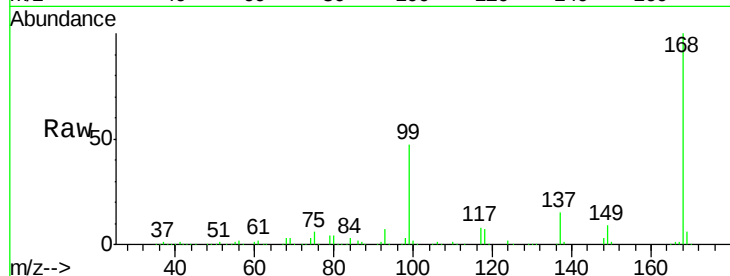
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	46.4	39.3	58.9	

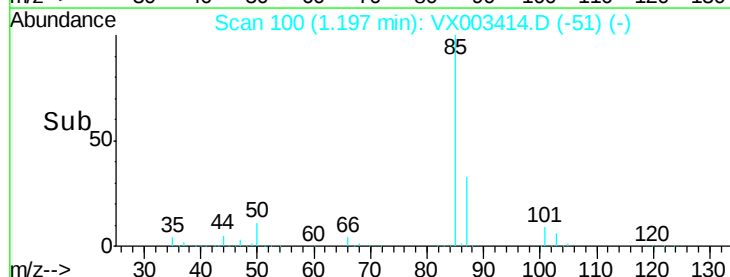
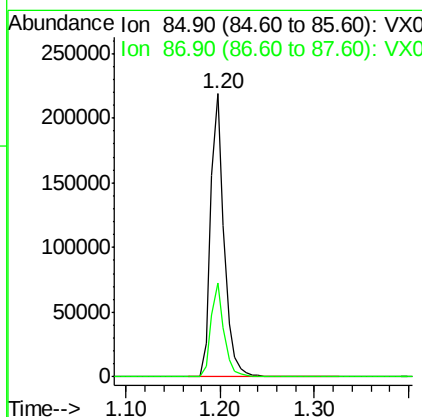
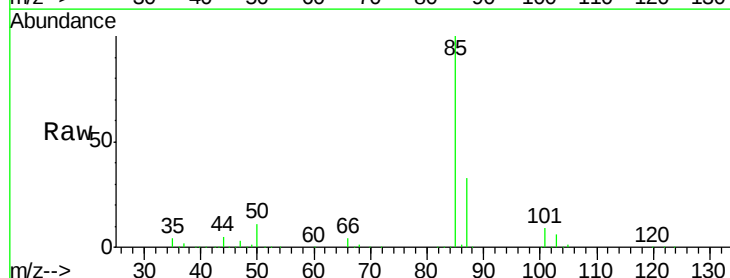
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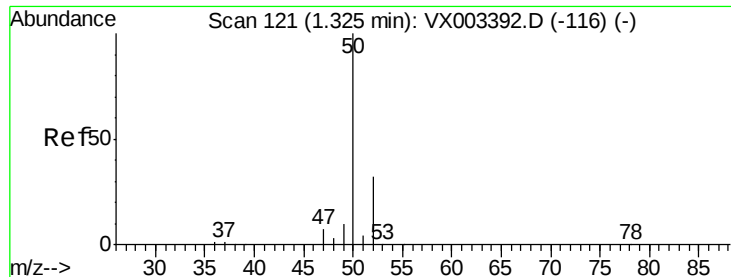
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#2
Dichlorodifluoromethane
Concen: 50.50 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	33.0	16.0	47.9	





#3

Chloromethane

Concen: 44.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 207125

Ion Ratio Lower Upper

50 100

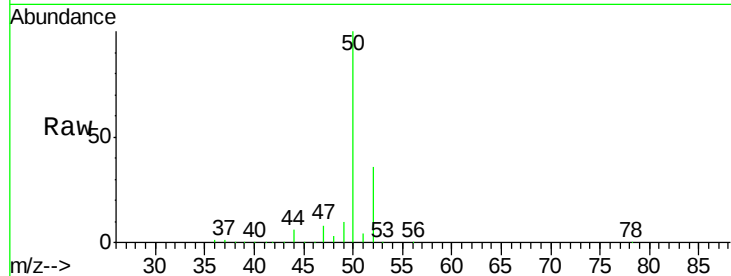
52 35.9 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

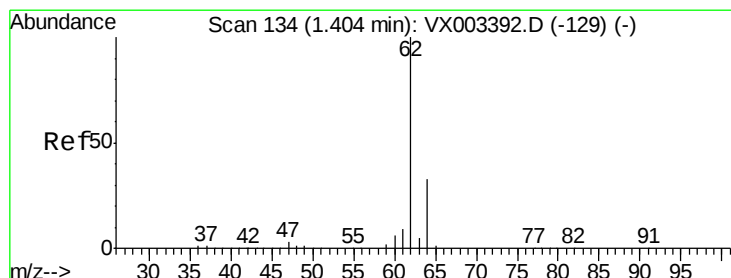
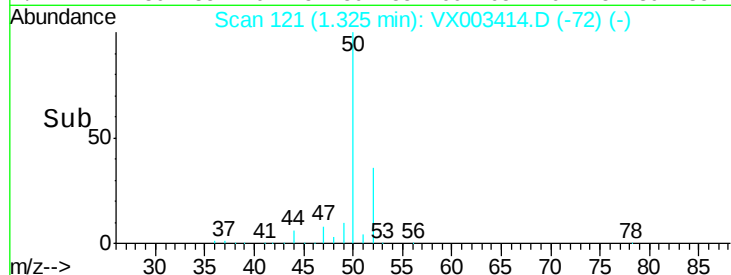
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 45.71 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003414.D

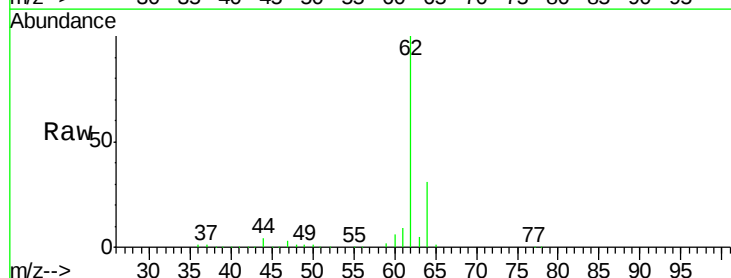
Acq: 17 Jul 2018 08:09

Tgt Ion: 62 Resp: 230512

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

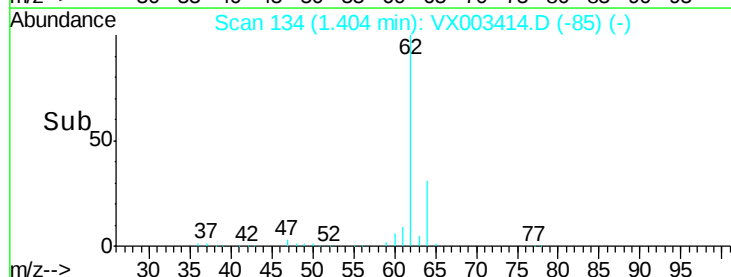
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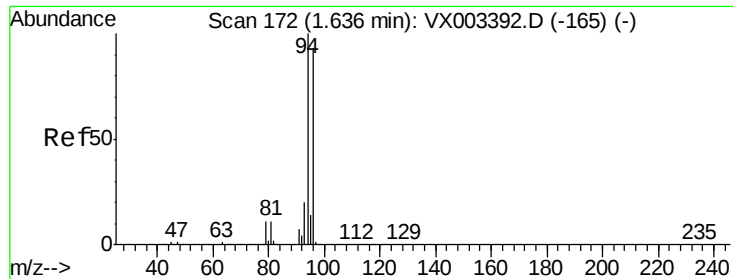
100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 86685

Ion Ratio Lower Upper

94 100

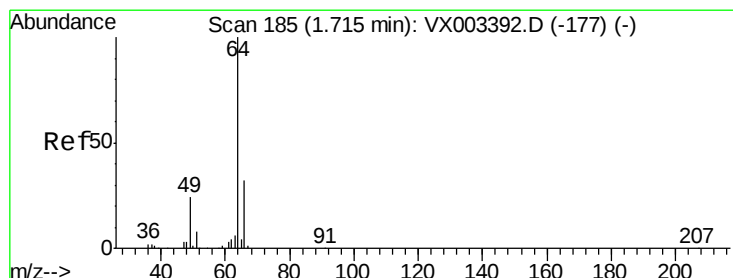
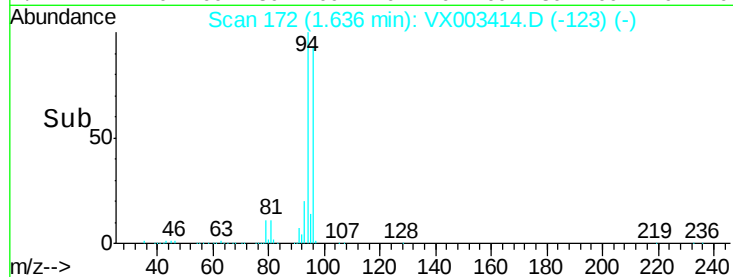
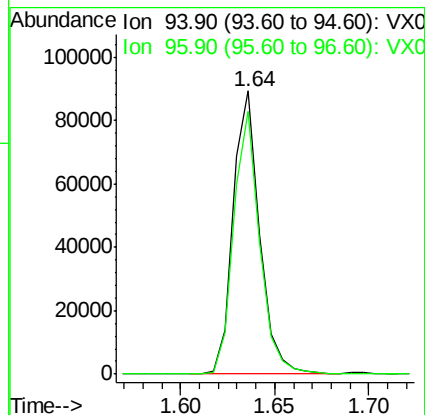
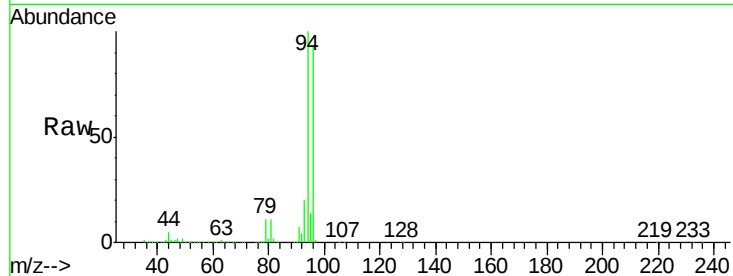
96 92.8 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 50.83 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003414.D

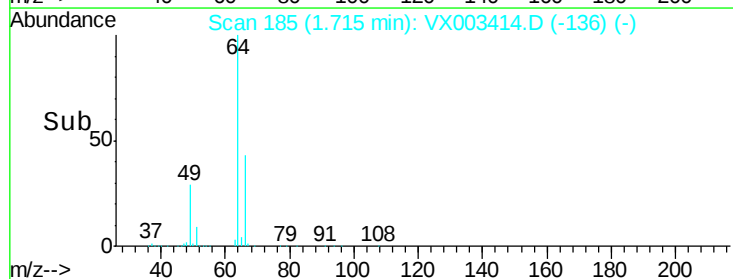
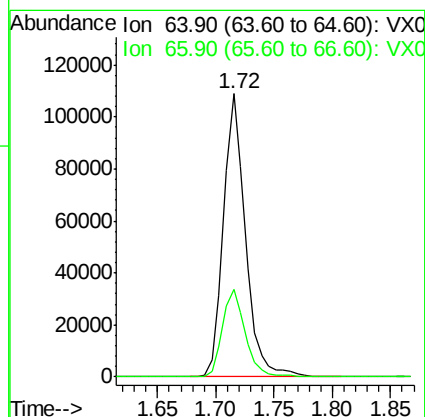
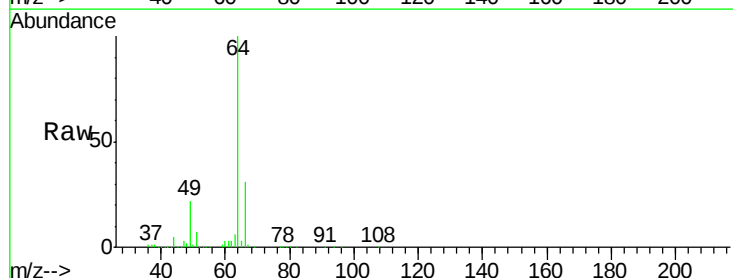
Acq: 17 Jul 2018 08:09

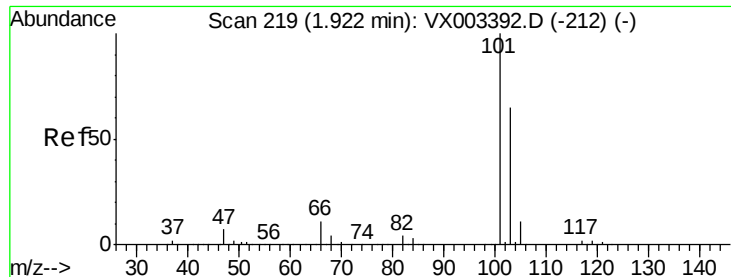
Tgt Ion: 64 Resp: 141774

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3





#7

Trichlorofluoromethane

Concen: 46.25 ug/l

RT: 1.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:101 Resp: 309446

Ion Ratio Lower Upper

101 100

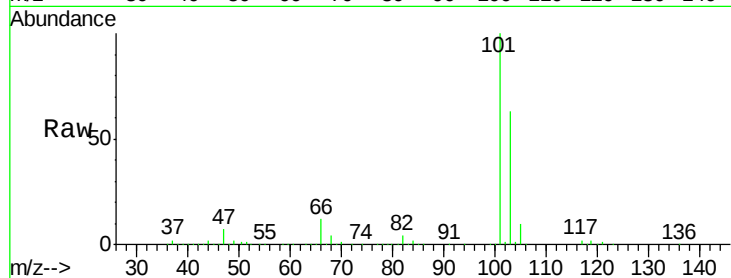
103 62.7 52.8 79.2

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

250000

200000

150000

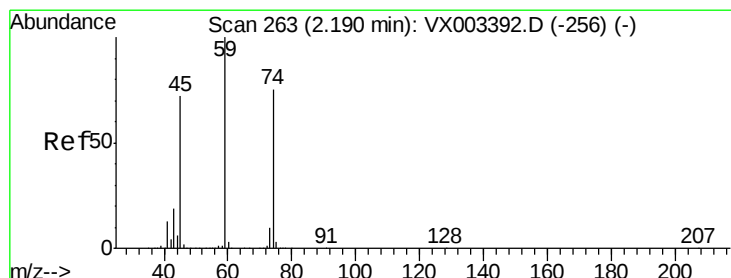
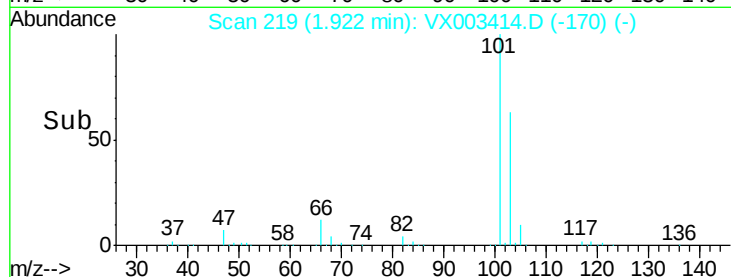
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50000

0

1.80 1.90 2.00 2.10

Time-->



#8

Diethyl Ether

Concen: 45.14 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003414.D

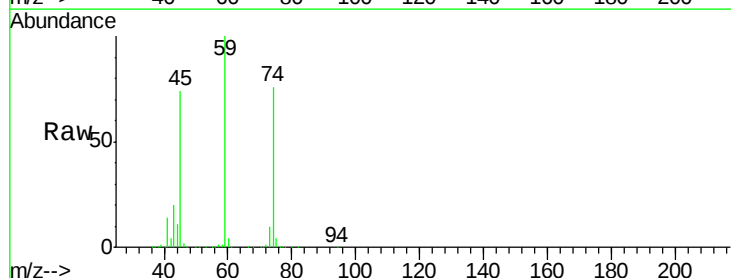
Acq: 17 Jul 2018 08:09

Tgt Ion: 74 Resp: 129206

Ion Ratio Lower Upper

74 100

45 95.7 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

100000

80000

60000

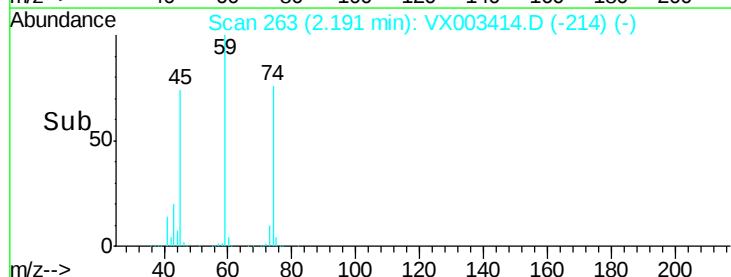
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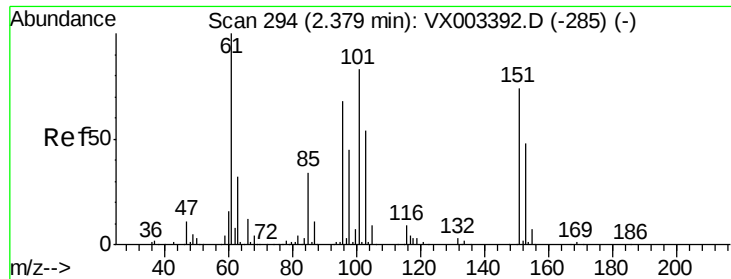
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2.10 2.20 2.30

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.85 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

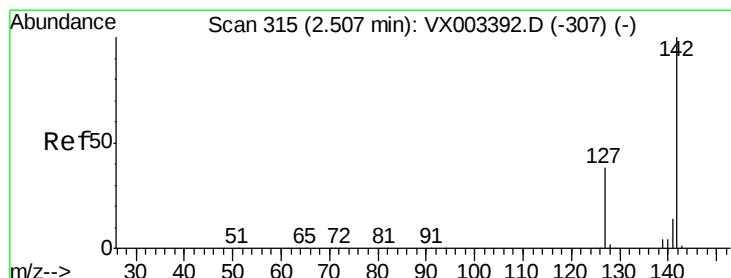
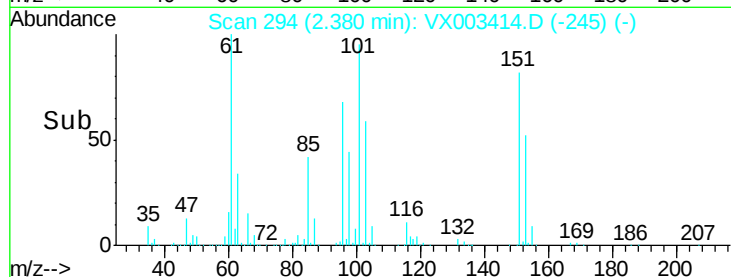
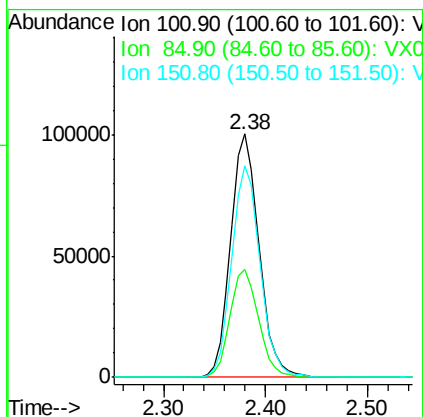
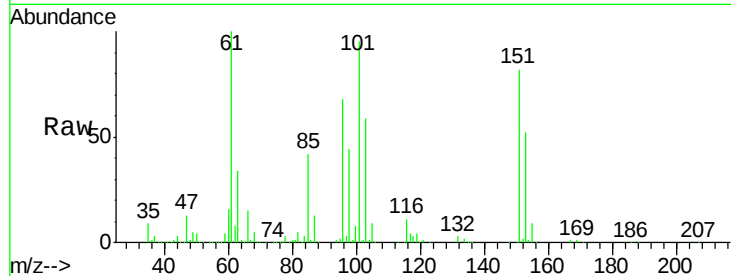
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	193761
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.0	54.0
151	86.8	70.9	106.3

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#10

Methyl Iodide

Concen: 48.77 ug/l

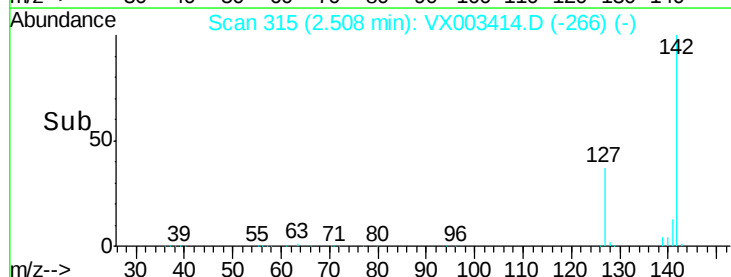
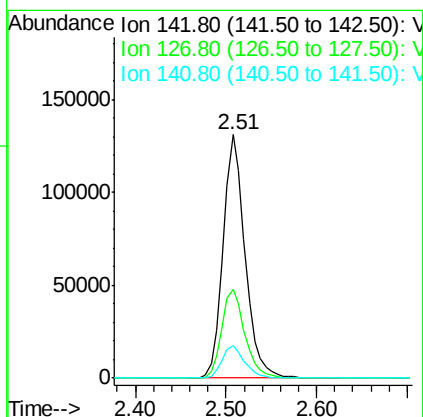
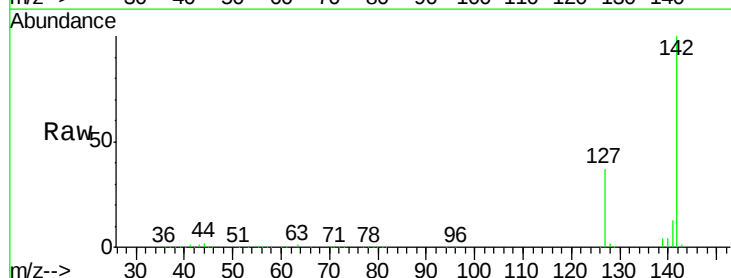
RT: 2.51 min Scan# 315

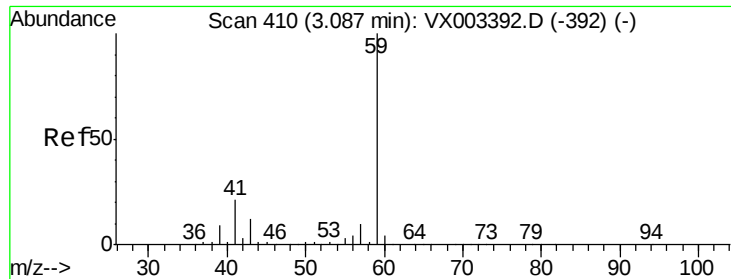
Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Tgt Ion:	142	Resp:	220477
Ion Ratio	Lower	Upper	
142	100		
127	38.6	36.6	55.0
141	13.7	11.3	16.9





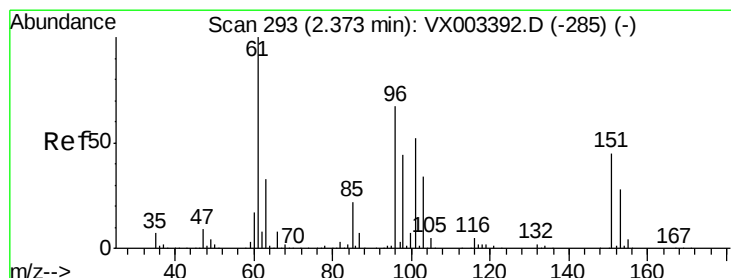
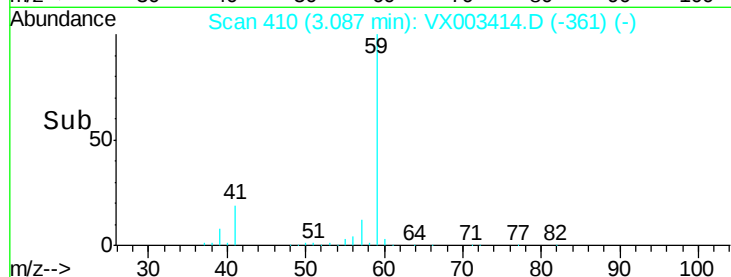
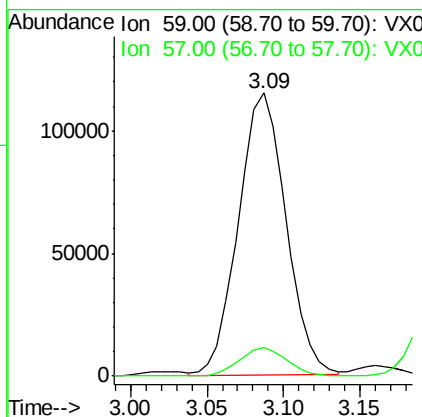
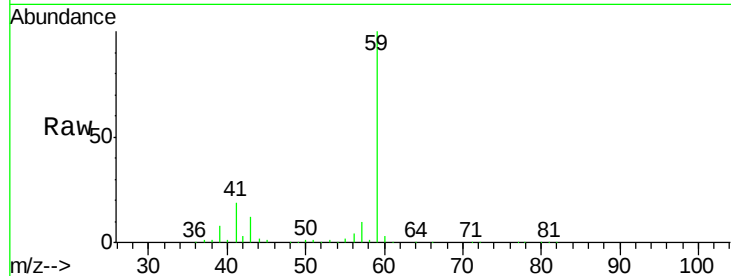
#11
Tert butyl alcohol
Concen: 223.48 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

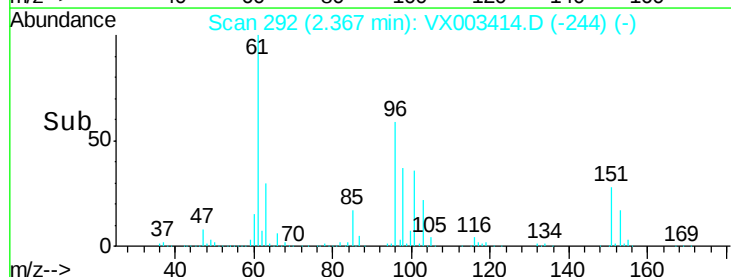
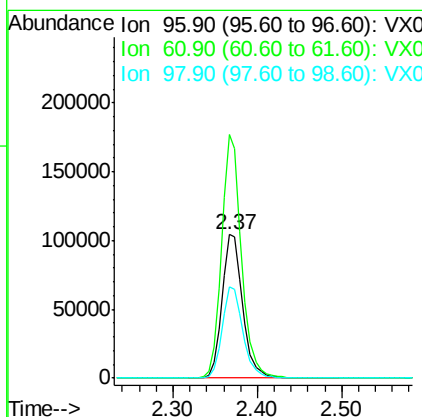
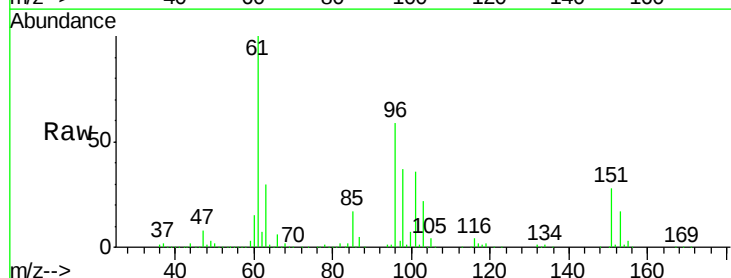
Manual Integrations
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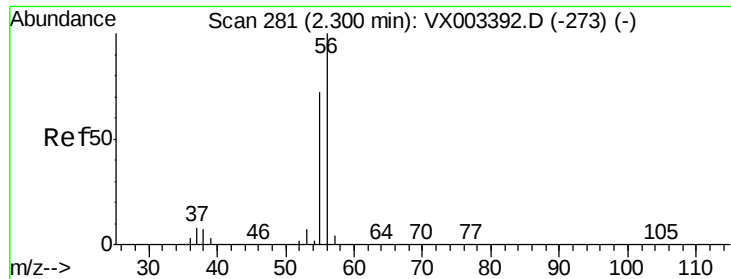
MMDadoda
7/18/2018 12:58:21 PM



#12
1,1-Dichloroethene
Concen: 44.01 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.7	137.9	206.9
98	63.4	51.6	77.4





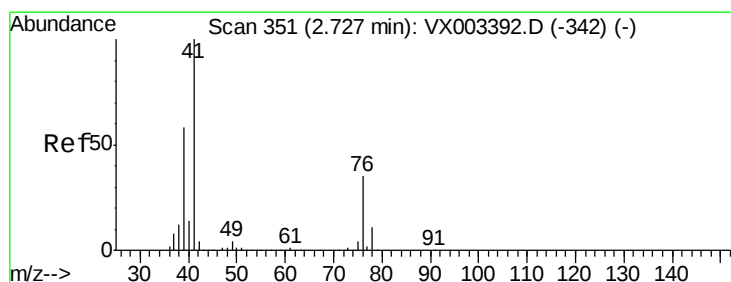
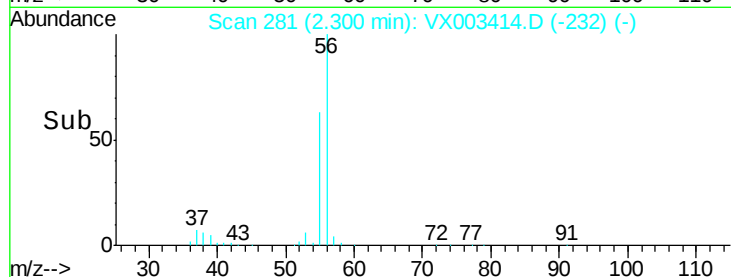
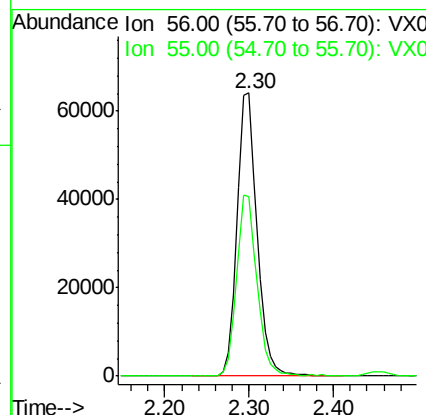
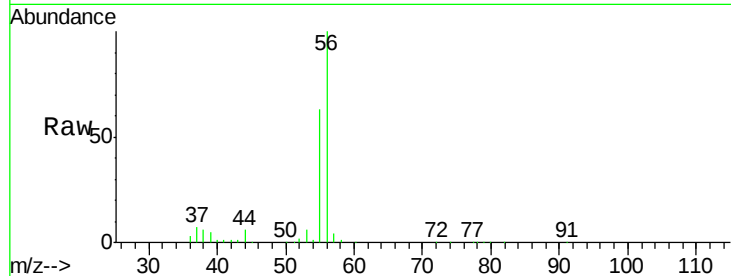
#13
Acrolein
Concen: 192.50 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	64.7	57.0	85.4

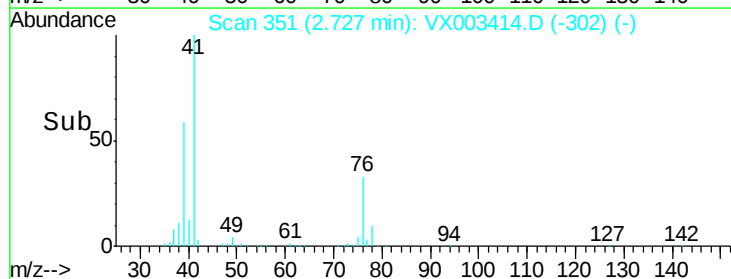
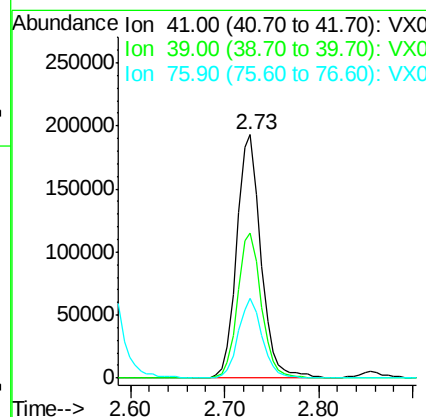
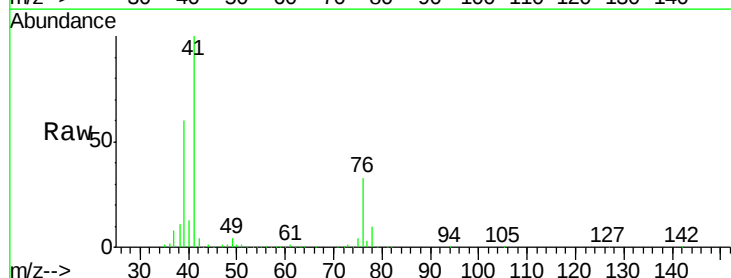
Manual Integrations
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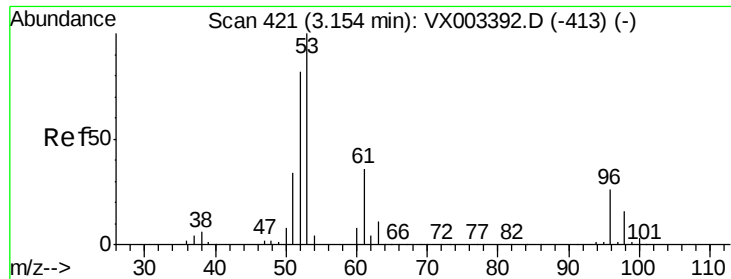
MMDadoda
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#14
Allyl chloride
Concen: 47.61 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.5	56.8	85.2
76	32.2	23.8	35.8





#15

Acrylonitrile

Concen: 221.05 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

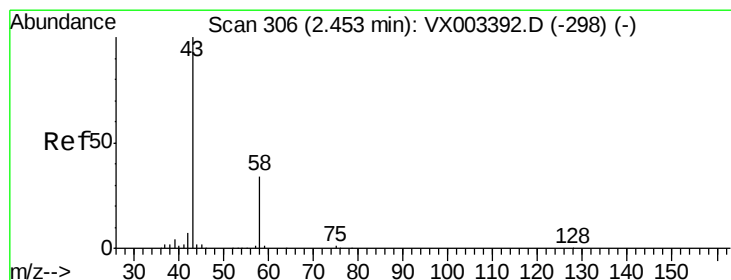
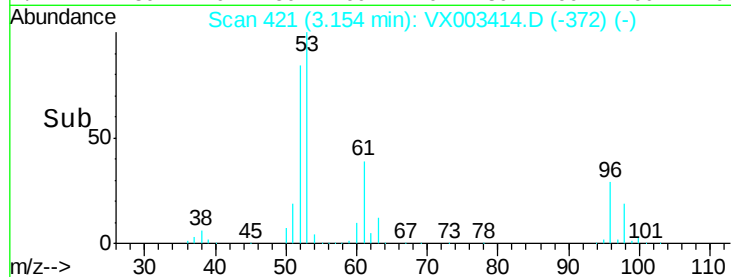
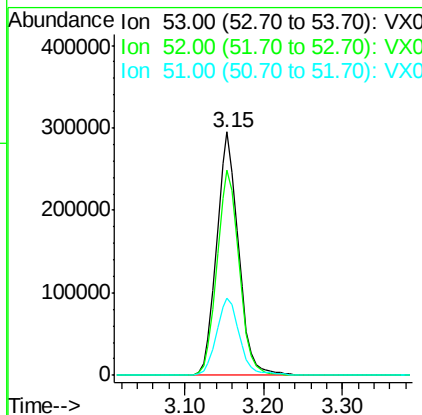
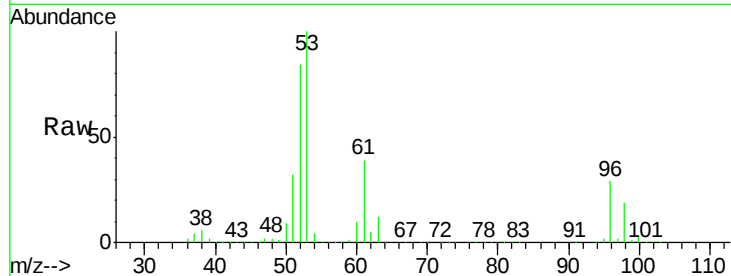
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	565068
Ion Ratio	Lower	Upper	
53	100		
52	86.4	66.7	100.1
51	33.6	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 224.18 ug/l

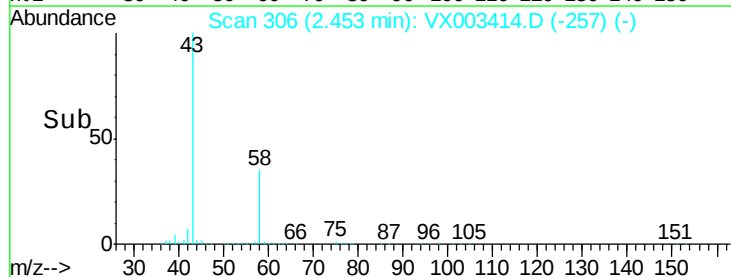
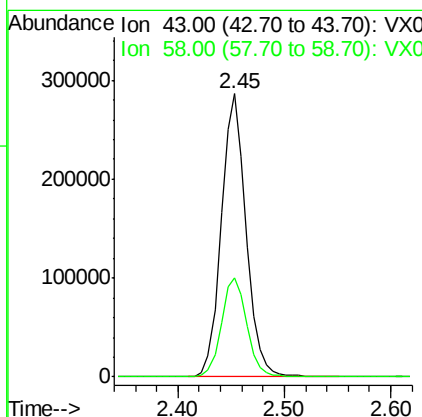
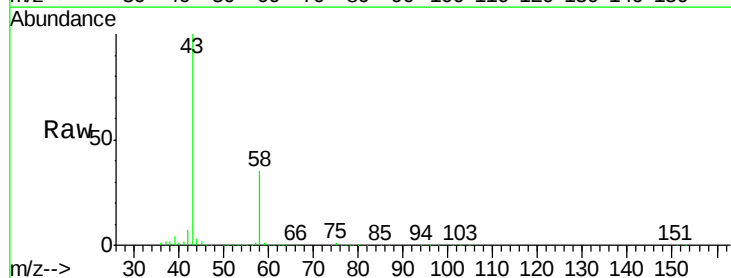
RT: 2.45 min Scan# 306

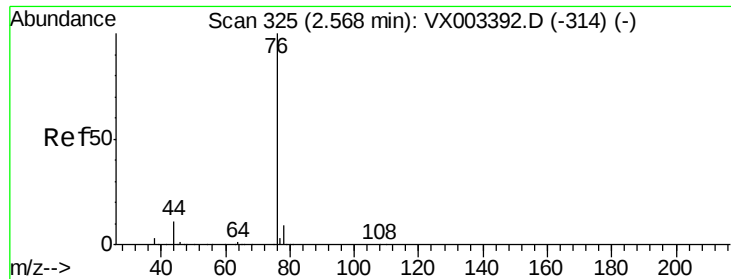
Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Tgt Ion:	43	Resp:	462639
Ion Ratio	Lower	Upper	
43	100		
58	35.2	22.1	33.1#





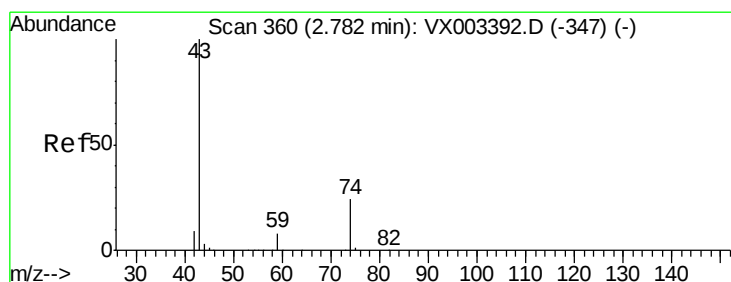
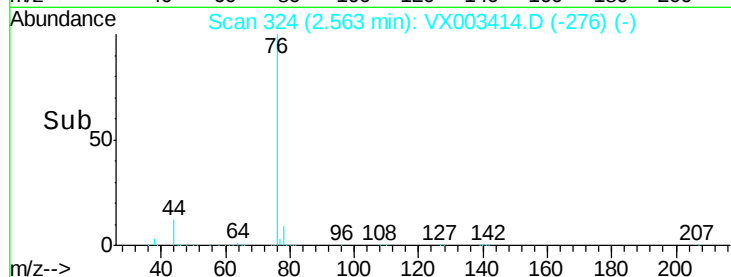
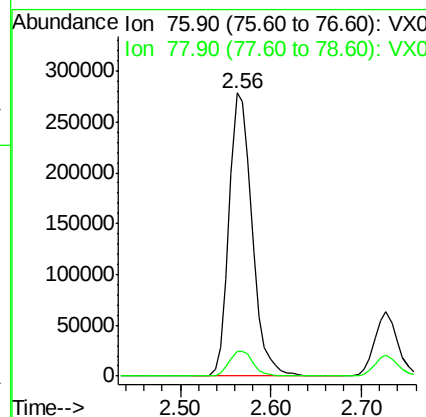
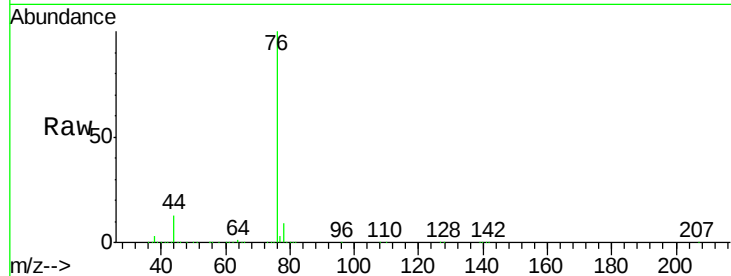
#17
Carbon Disulfide
Concen: 45.07 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.9	10.3

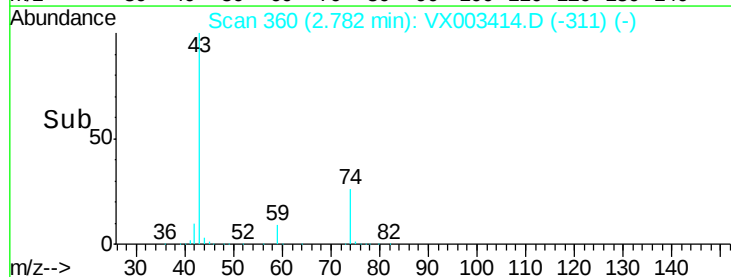
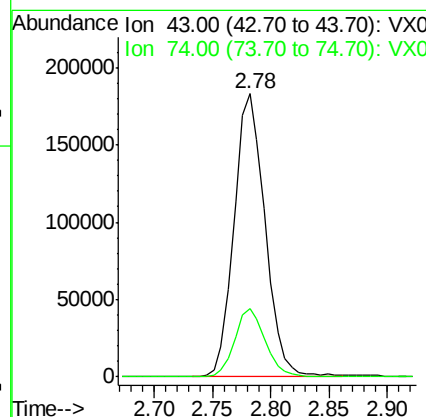
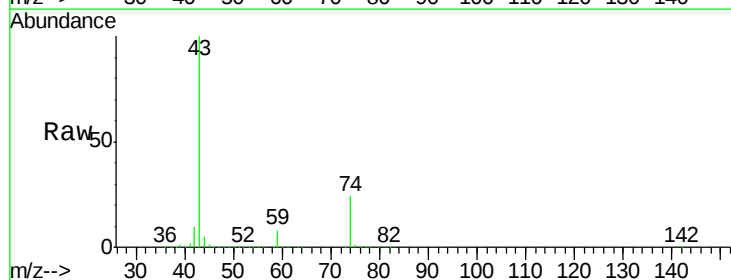
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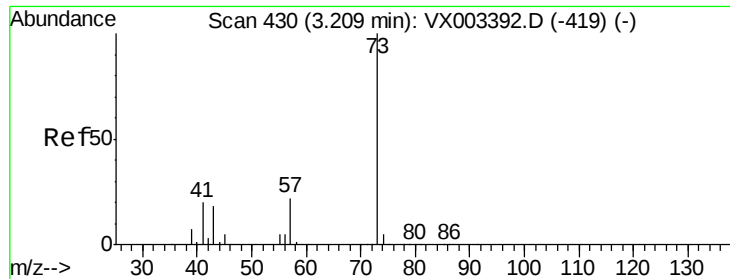
MMDadoda
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#18
Methyl Acetate
Concen: 50.16 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	16.7	25.1





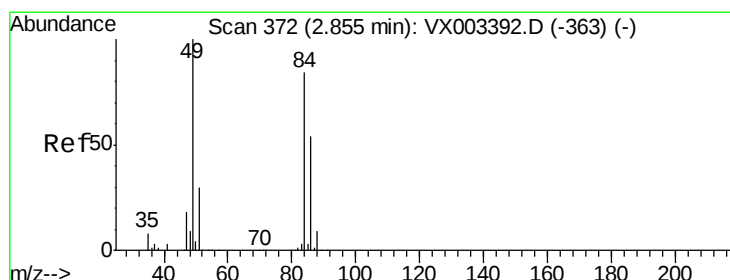
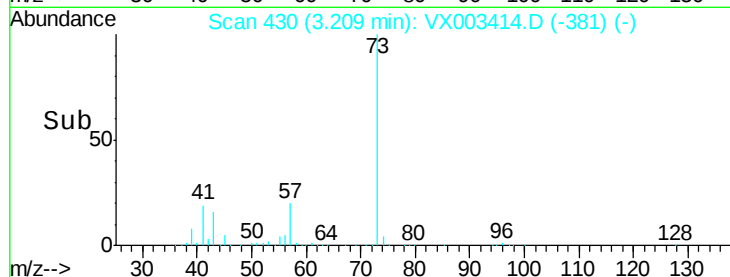
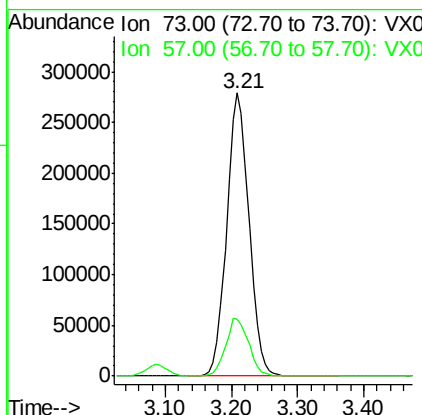
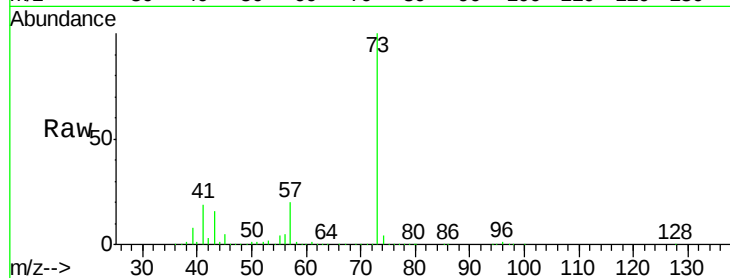
#19
Methvl tert-butvl Ether
Concen: 48.96 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 649189
Ion Ratio Lower Upper
73 100
57 19.9 17.7 26.5

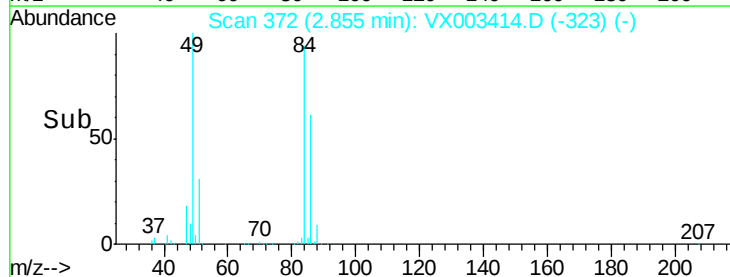
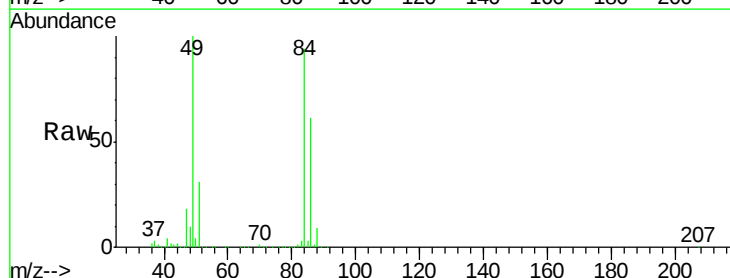
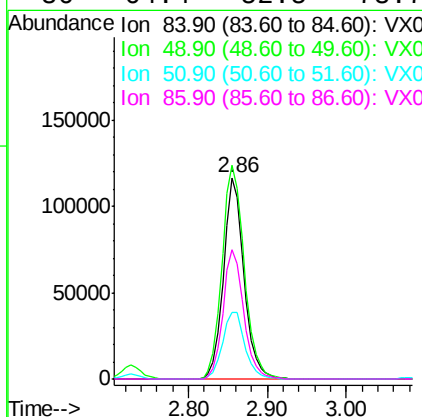
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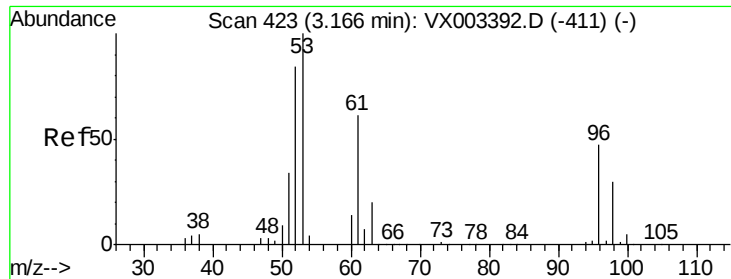
MMDadoda
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#20
Methylene Chloride
Concen: 56.66 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion: 84 Resp: 210093
Ion Ratio Lower Upper
84 100
49 106.0 107.8 161.6#
51 32.8 32.8 49.2
86 64.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.01 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 194162

Ion Ratio Lower Upper

96 100

61 140.9 117.0 175.4

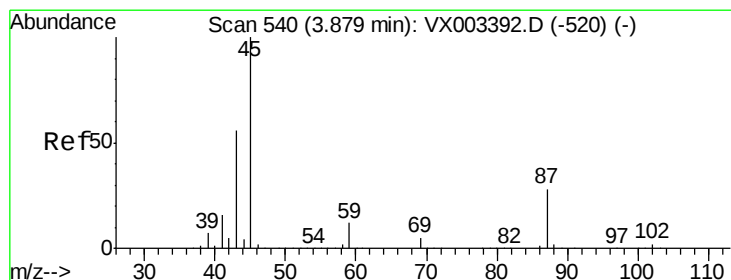
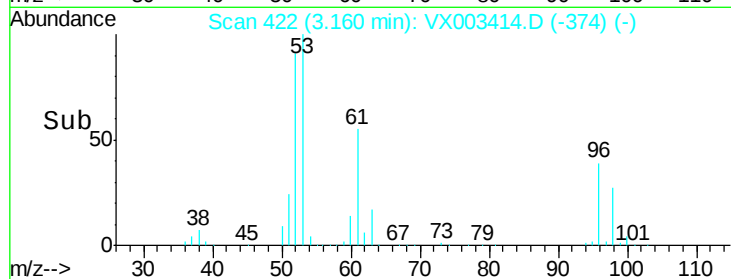
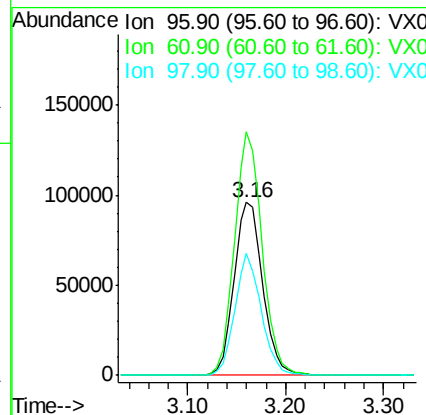
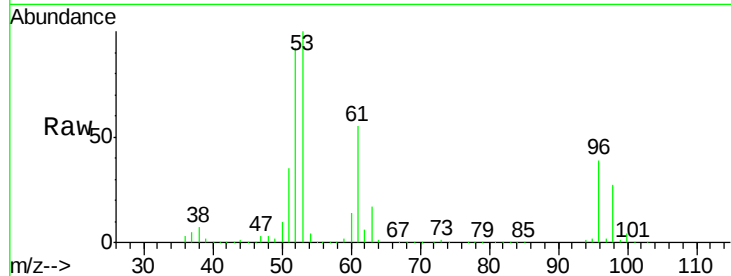
98 70.4 52.4 78.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 47.11 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Tgt Ion: 45 Resp: 661973

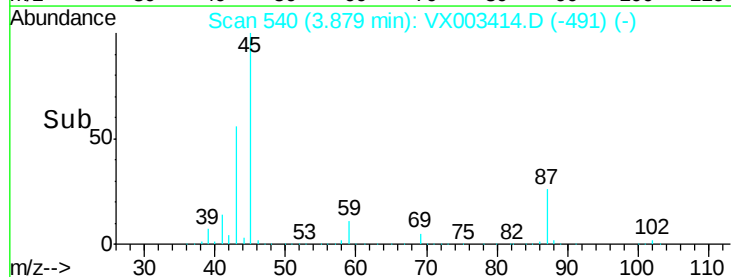
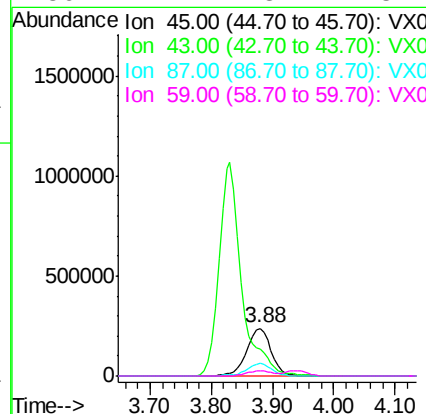
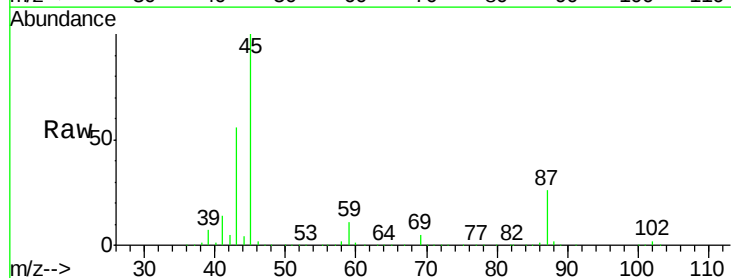
Ion Ratio Lower Upper

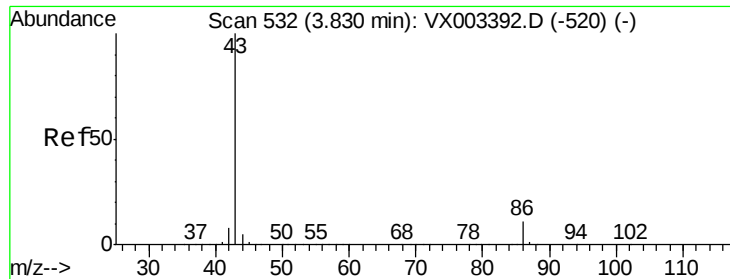
45 100

43 55.6 46.8 70.2

87 26.4 20.2 30.4

59 11.4 8.7 13.1





#23

Vinyl Acetate

Concen: 239.88 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2779872

Ion Ratio Lower Upper

43 100

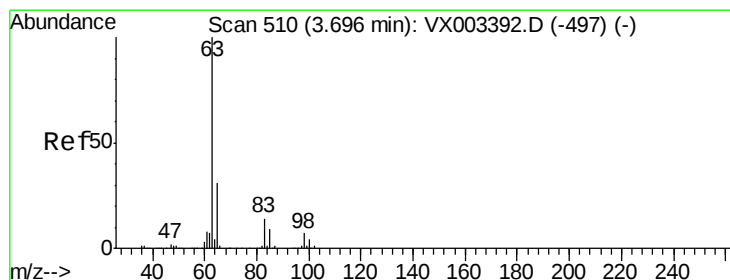
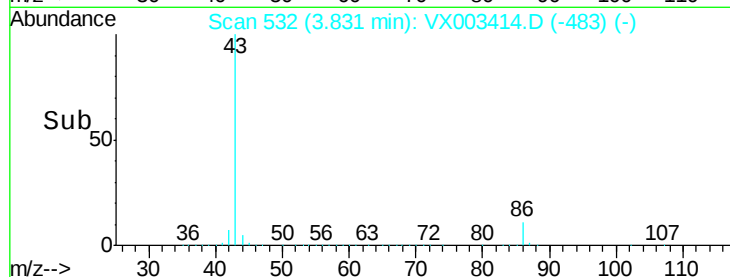
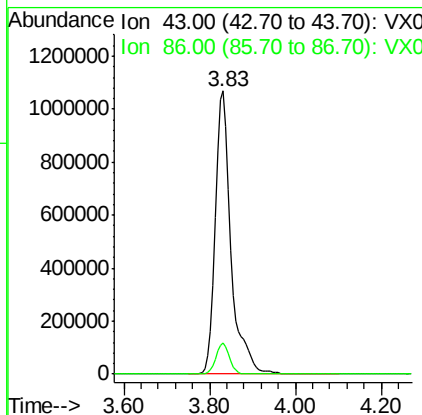
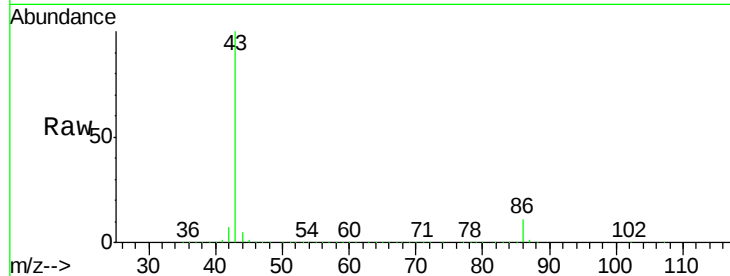
86 11.0 7.4 11.0#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.06 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

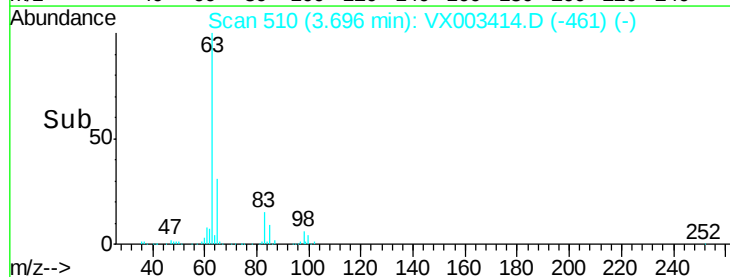
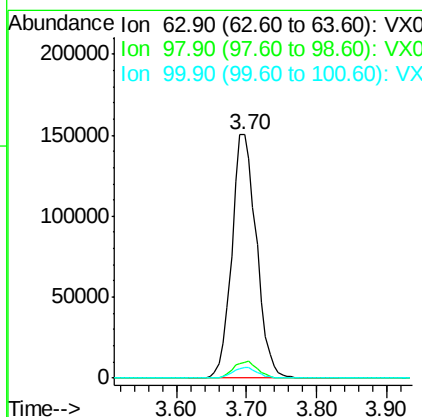
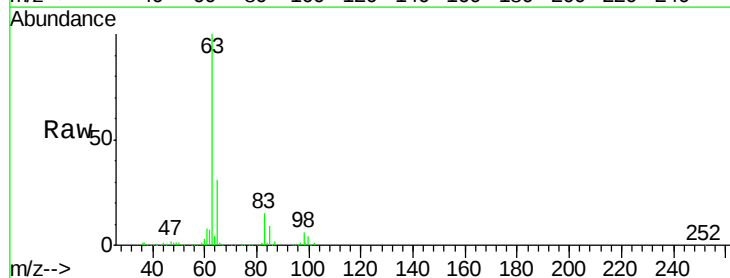
Tgt Ion: 63 Resp: 367156

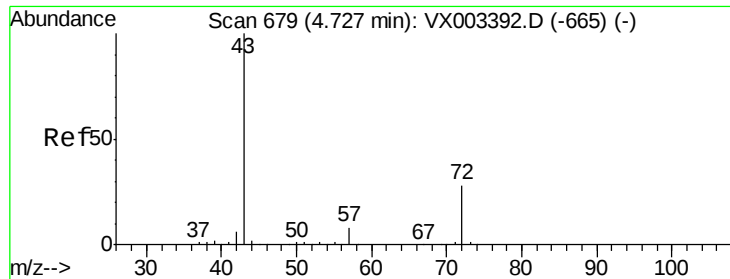
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 225.34 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 727772

Ion Ratio Lower Upper

43 100

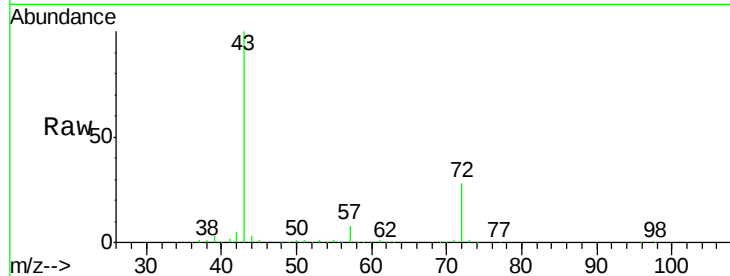
72 28.3 18.5 27.7#

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

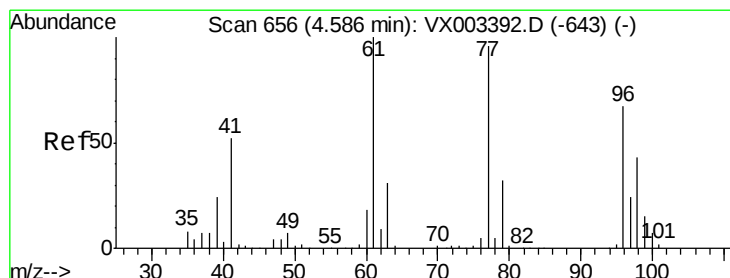
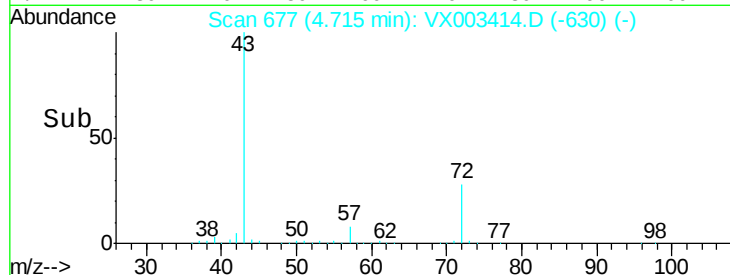
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 50.51 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003414.D

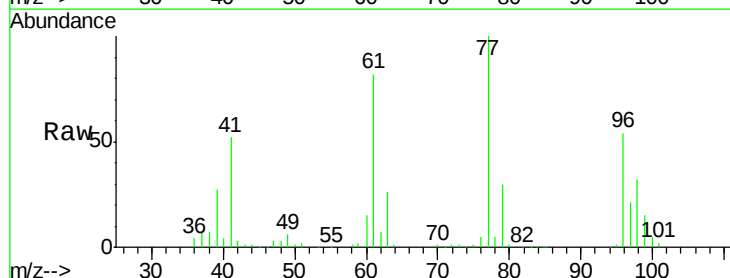
Acq: 17 Jul 2018 08:09

Tgt Ion: 77 Resp: 282602

Ion Ratio Lower Upper

77 100

97 24.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

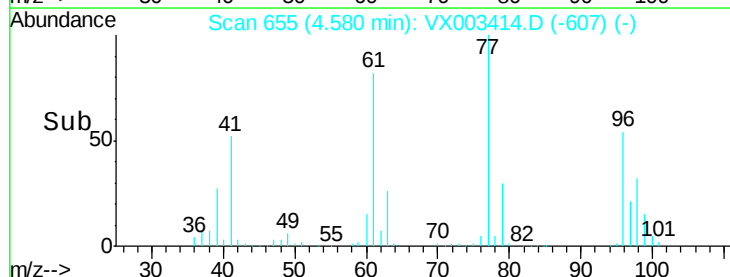
60000

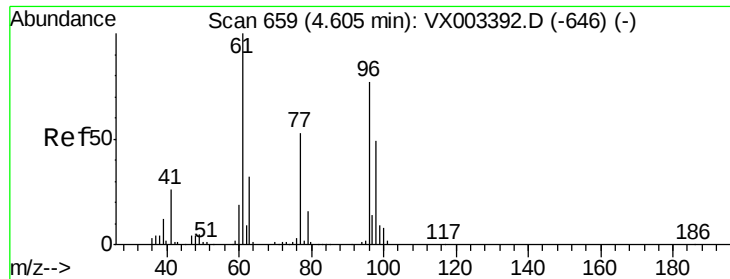
40000

20000

0

Time-->





#27

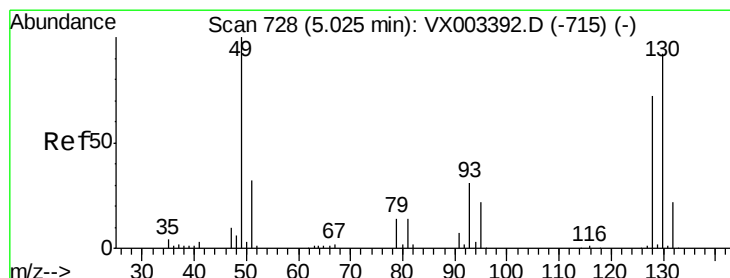
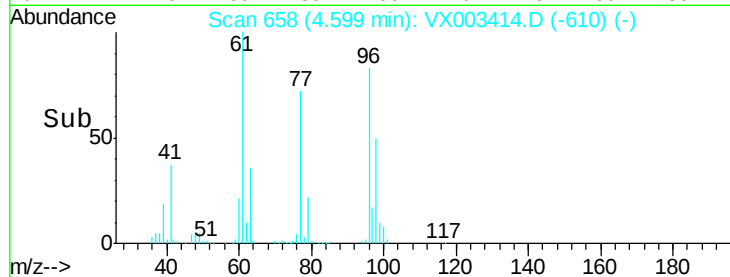
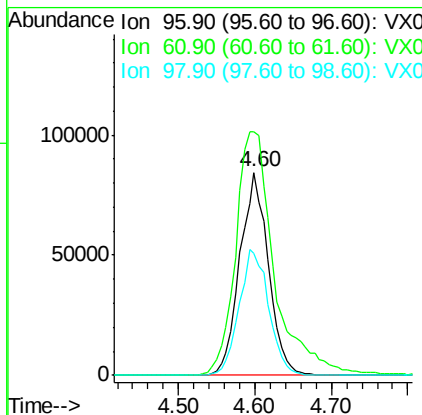
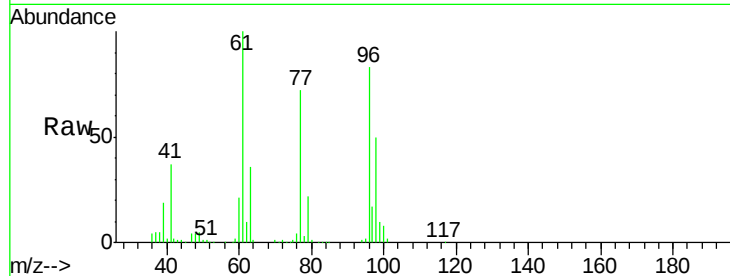
cis-1,2-Dichloroethene
Concen: 47.29 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	219460		
61	163.4	0.0	330.2	
98	64.4	0.0	130.2	

Manual Integrations
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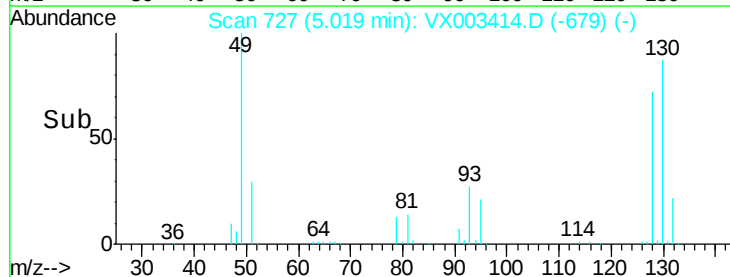
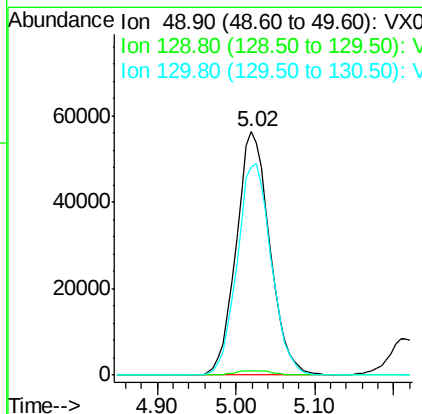
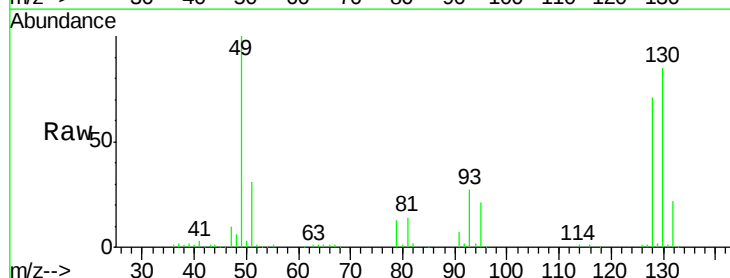
MMDadoda
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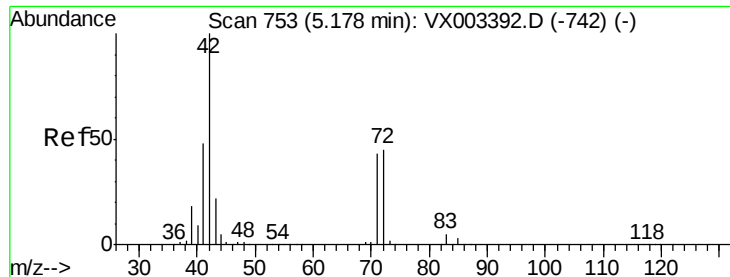


#28

Bromochloromethane
Concen: 48.26 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	167030		
129	2.1	0.0	4.2	
130	88.3	61.2	91.8	





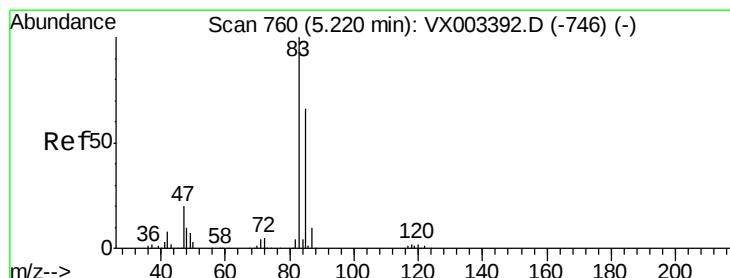
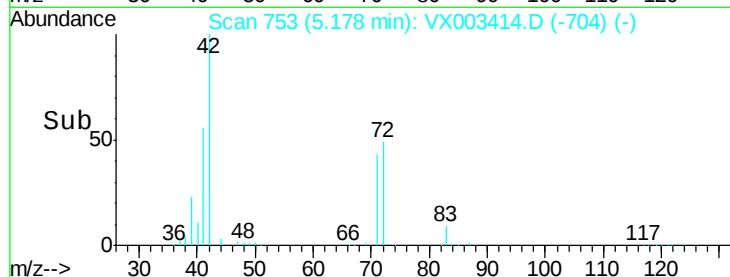
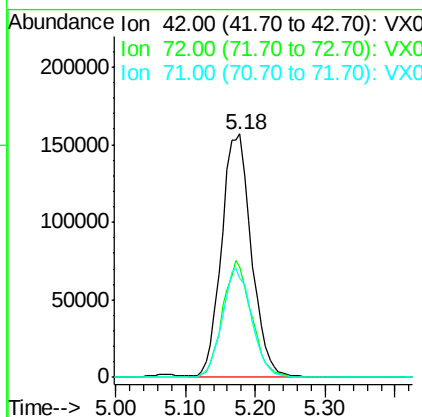
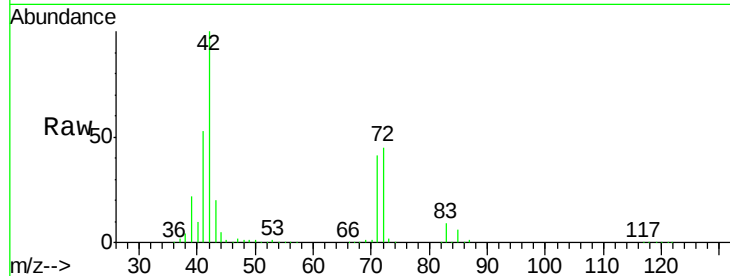
#29
Tetrahydrofuran
Concen: 226.79 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	32.0	48.0
71	44.0	30.1	45.1

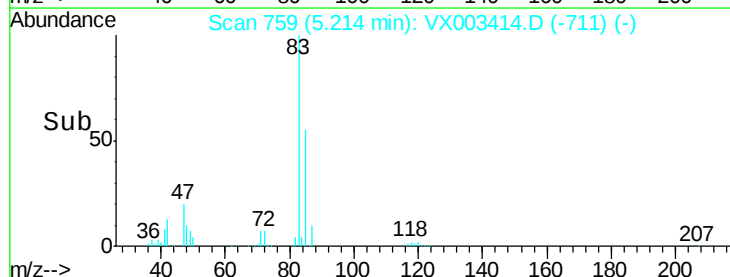
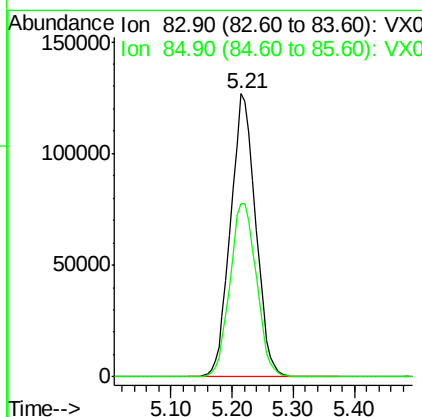
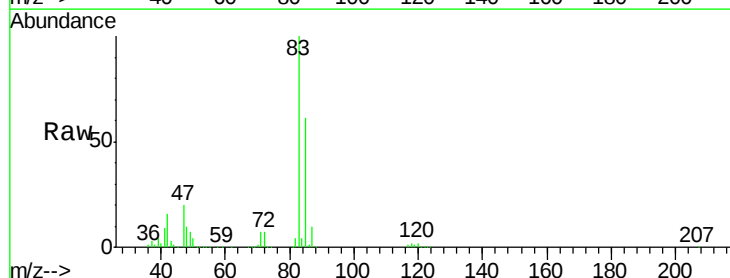
Manual Integrations
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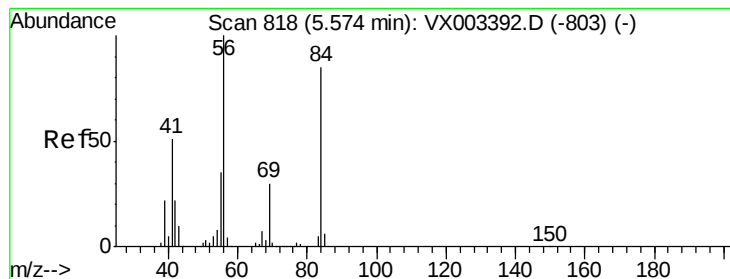
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#30
Chloroform
Concen: 48.64 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.4	75.6





#31

Cyclohexane

Concen: 49.15 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

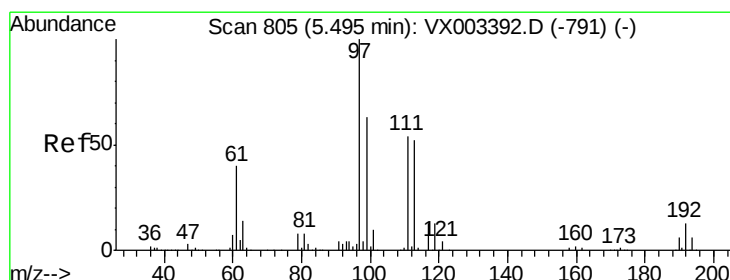
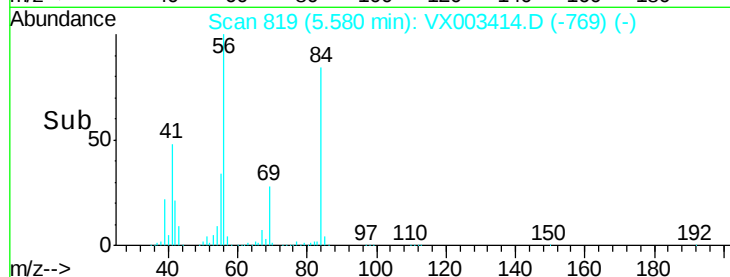
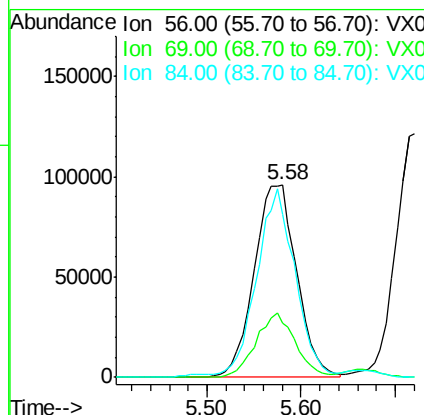
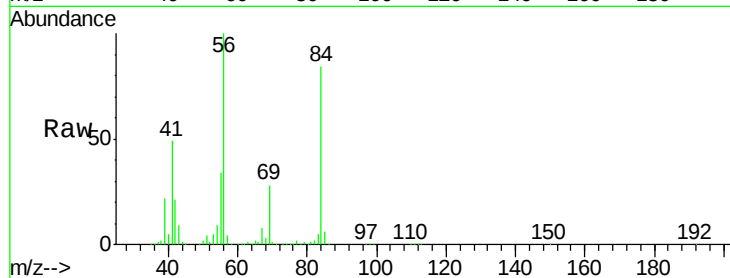
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	302587
Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.7	35.5
84	83.3	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.14 ug/l

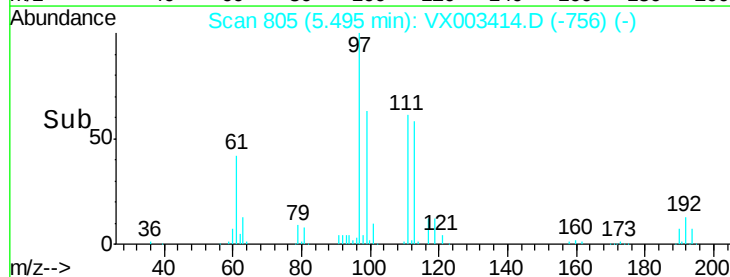
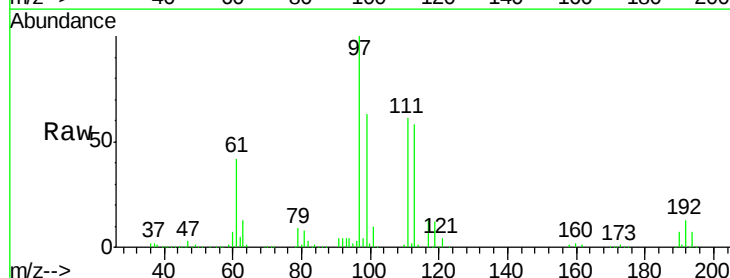
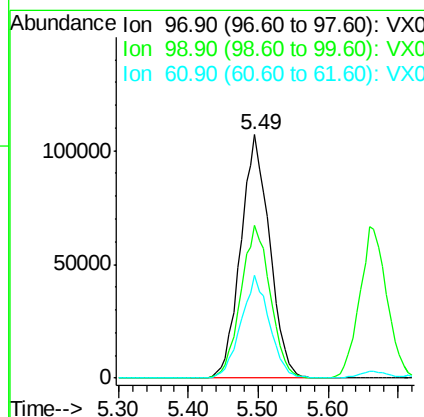
RT: 5.49 min Scan# 805

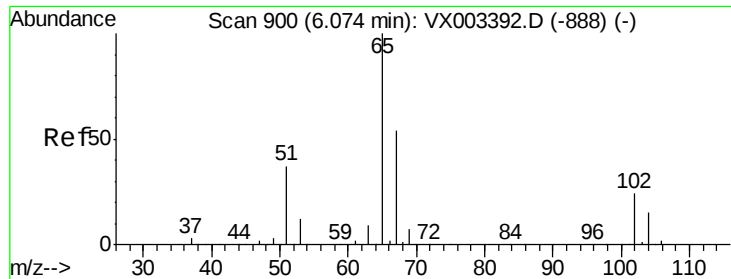
Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Tgt Ion:	97	Resp:	307008
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	41.4	36.4	54.6





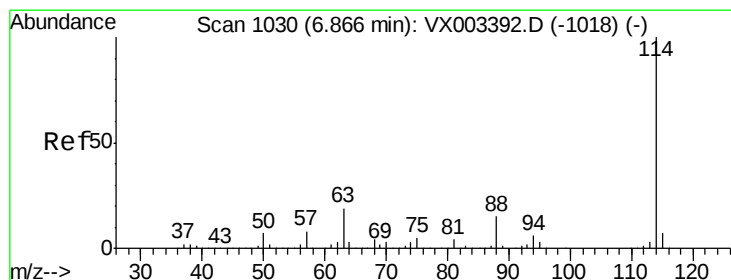
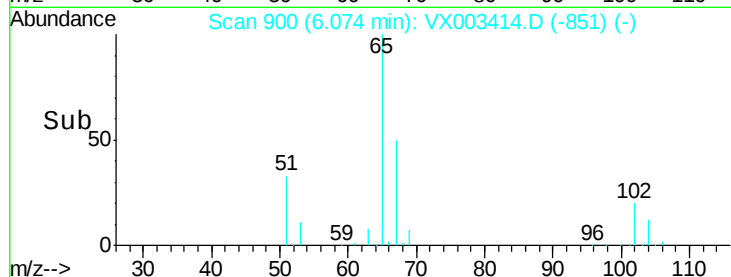
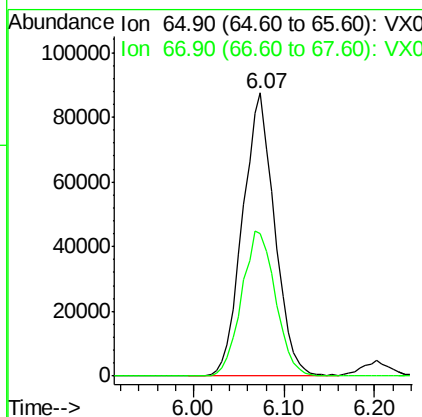
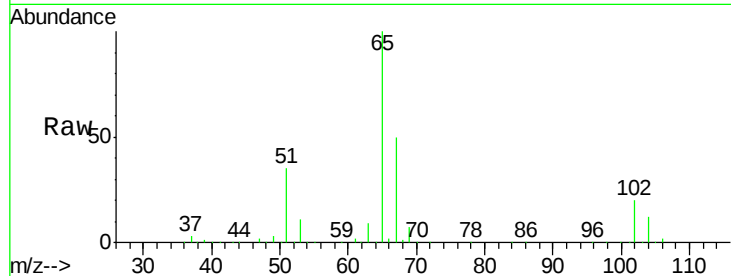
#33
 1,2-Dichloroethane-d4
 Concen: 43.13 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	213967		
67	54.2	0.0	102.6	

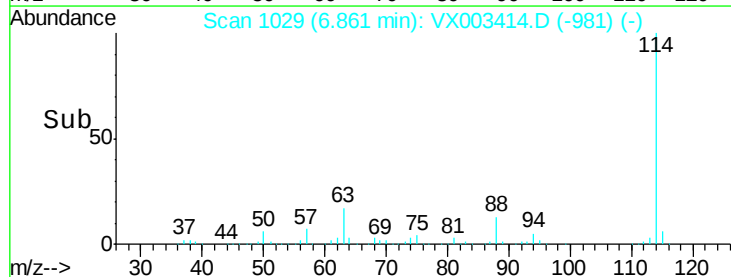
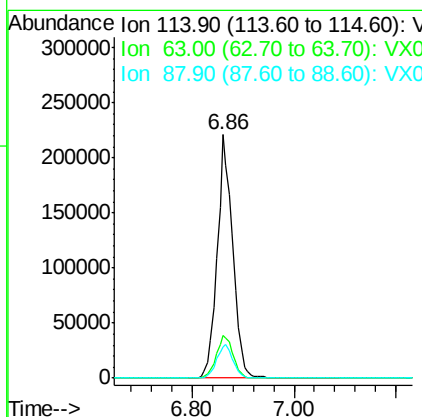
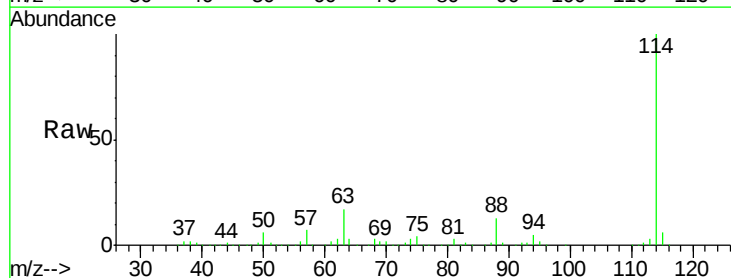
Manual Integrations
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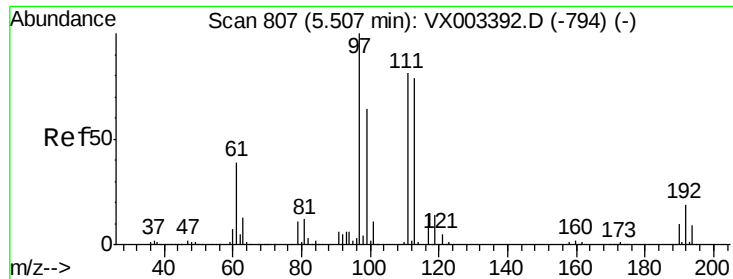
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	468320		
63	17.4	0.0	41.4	
88	12.7	0.0	30.0	





#35

Dibromofluoromethane

Concen: 54.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

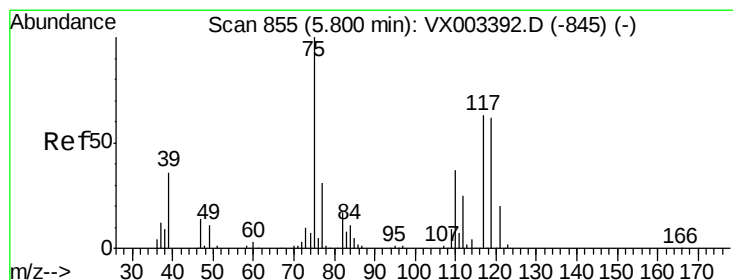
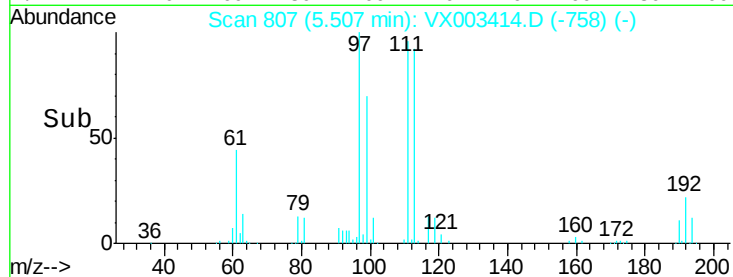
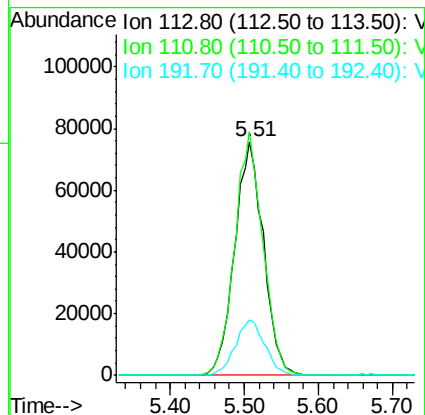
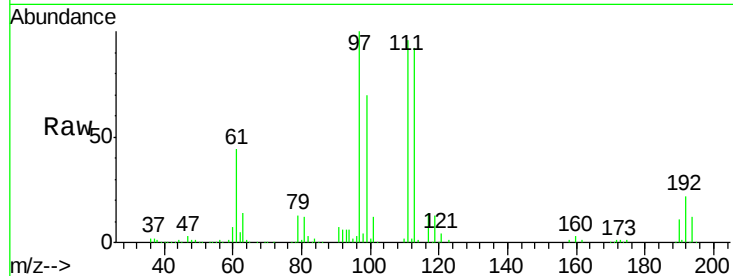
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	205741
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.4	122.0
192	24.3	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 54.69 ug/l

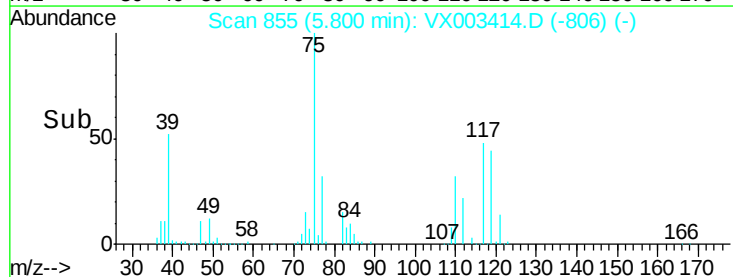
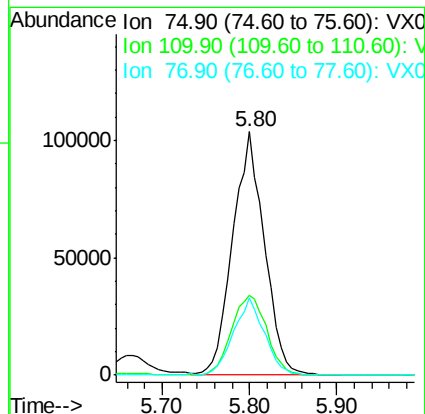
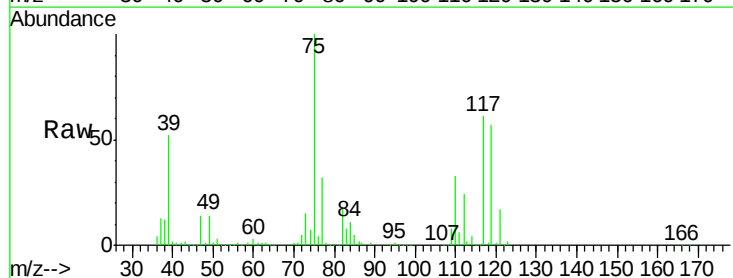
RT: 5.80 min Scan# 855

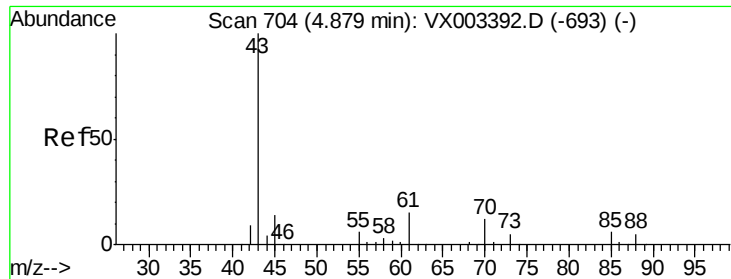
Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Tgt Ion:	75	Resp:	259348
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.4
77	31.7	24.3	36.5





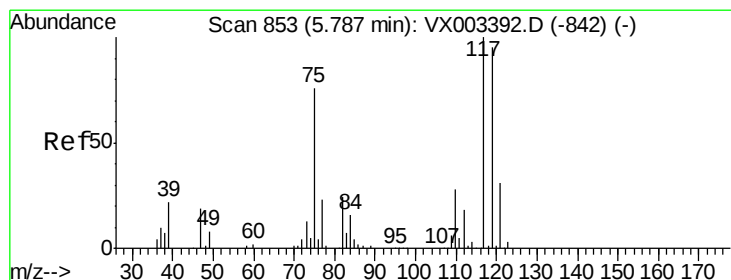
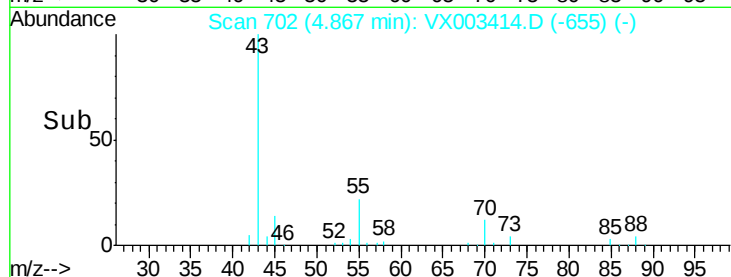
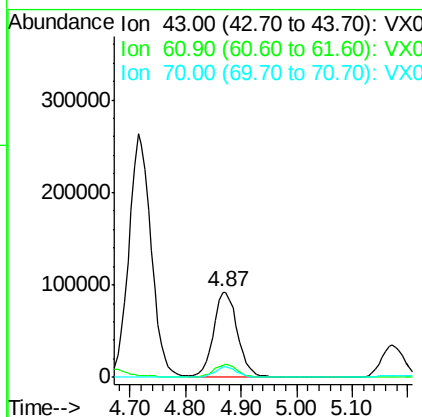
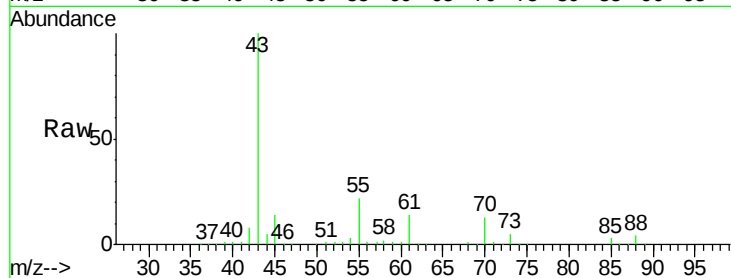
#37
Ethyl Acetate
Concen: 51.08 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.4	15.6
70	11.6	7.6	11.4

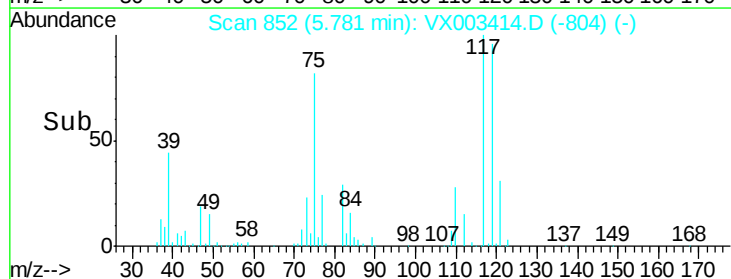
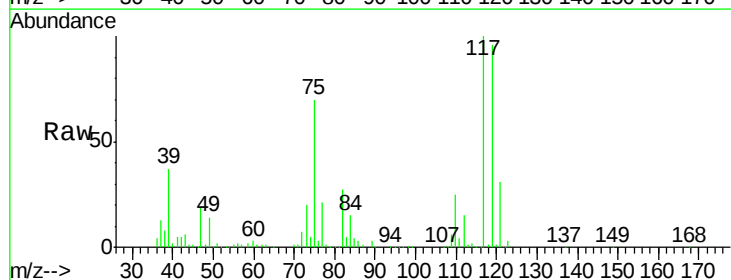
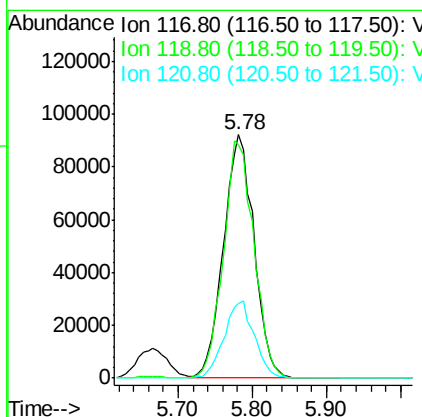
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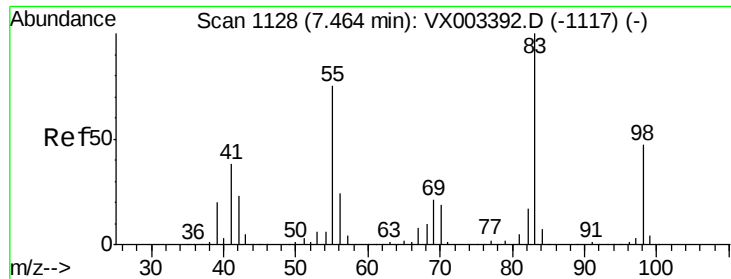
MMDadoda
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#38
Carbon Tetrachloride
Concen: 54.77 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.0
121	30.6	24.4	36.6





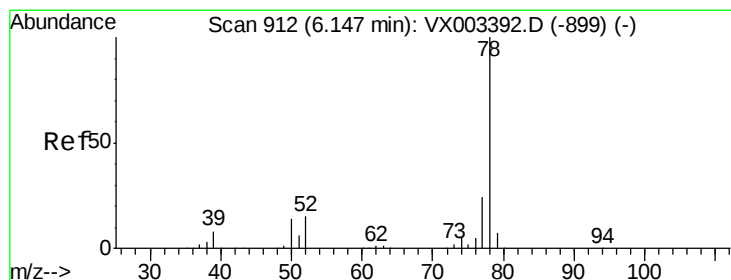
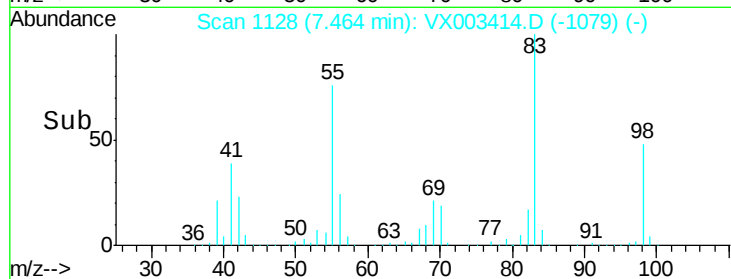
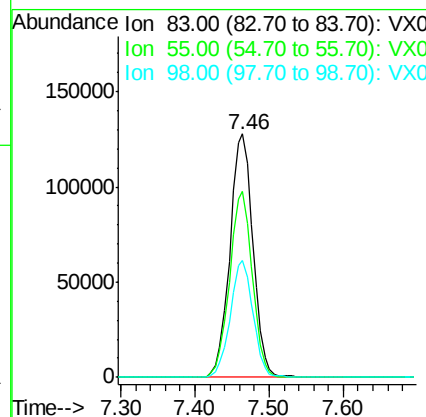
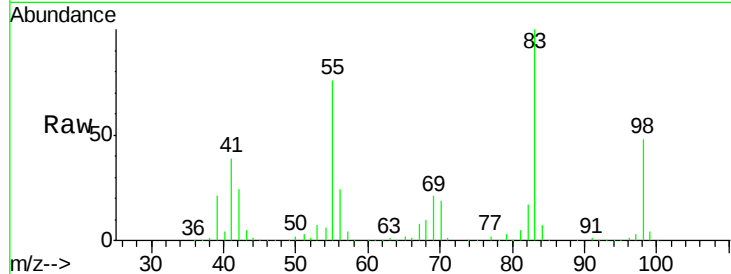
#39
Methvlcvclohexane
Concen: 50.92 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	276452		
55	76.4		65.4	98.0
98	48.3		37.4	56.0

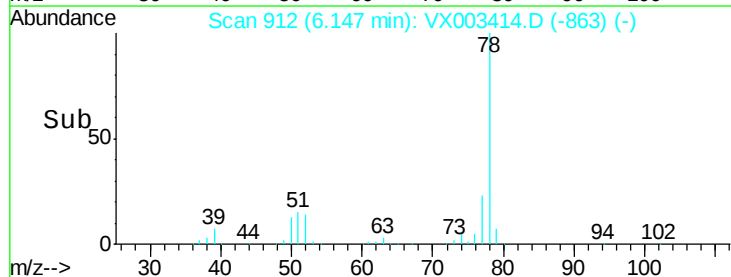
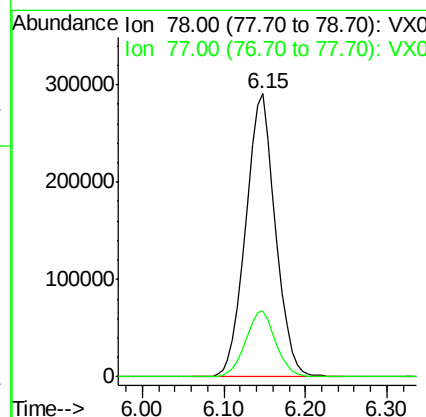
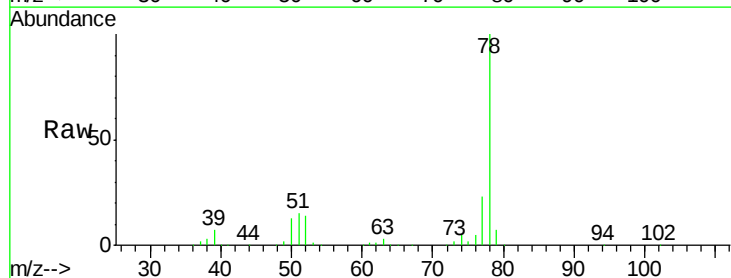
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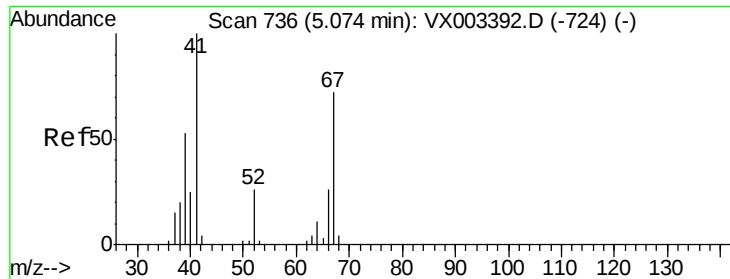
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#40
Benzene
Concen: 50.94 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	735053		
77	23.3		19.1	28.7





#41

Methacrylonitrile

Concen: 53.70 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 157807

Ion Ratio Lower Upper

41 100

39 52.6 45.8 68.6

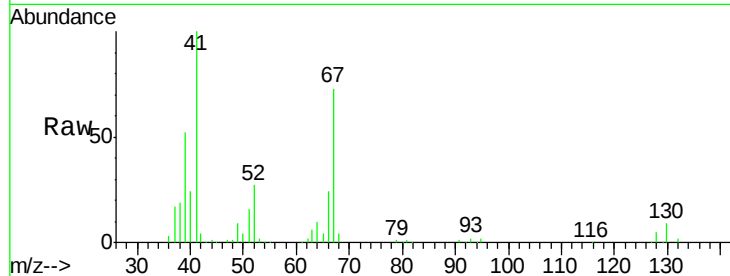
67 74.6 51.3 76.9

52 28.9 23.0 34.6

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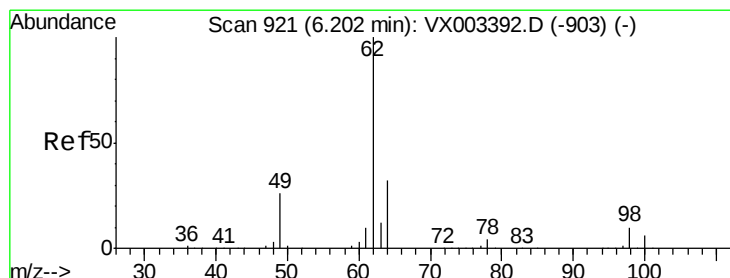
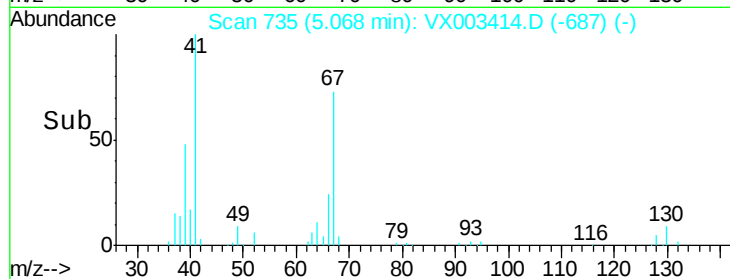
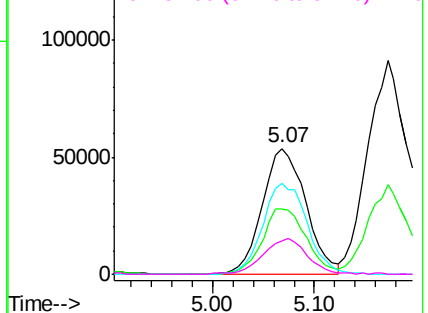


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.38 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003414.D

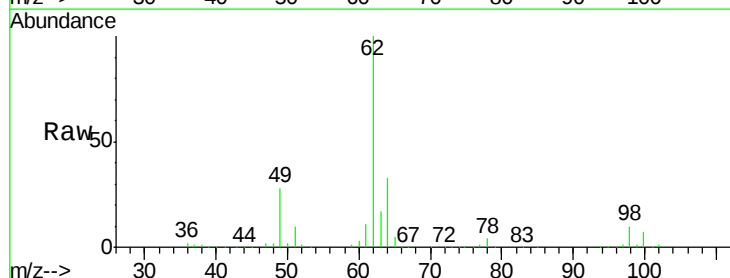
Acq: 17 Jul 2018 08:09

Tgt Ion: 62 Resp: 244343

Ion Ratio Lower Upper

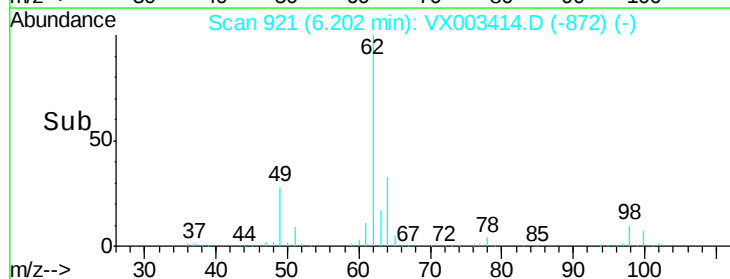
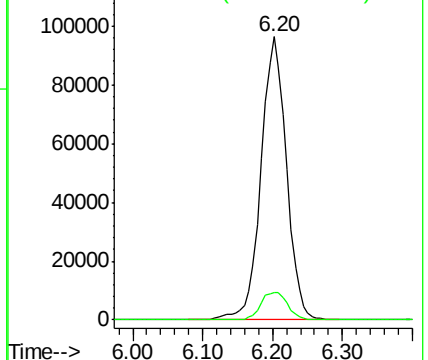
62 100

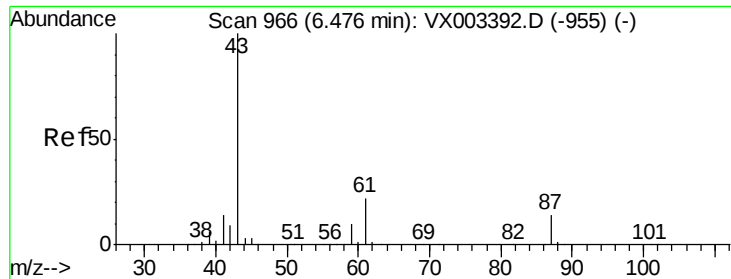
98 10.2 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

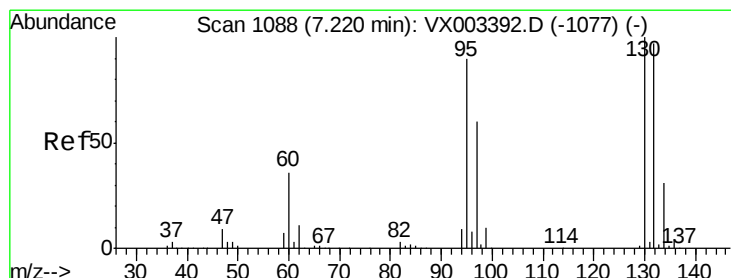
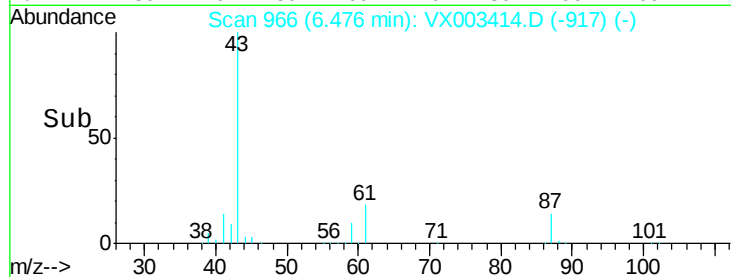
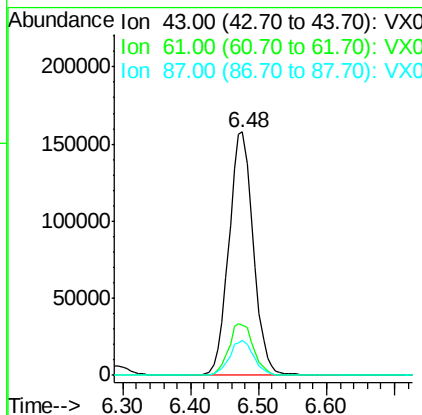
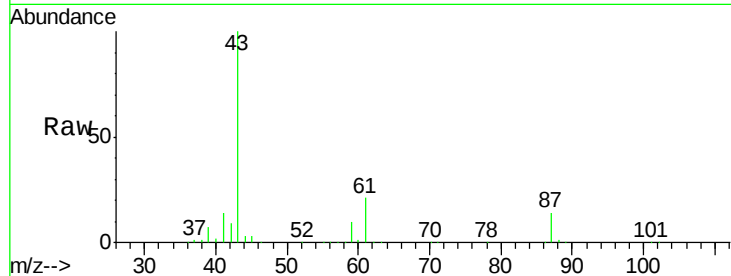
Isopropyl Acetate
 Concen: 48.54 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	14.4	21.6#
87	14.3	9.5	14.3#

Manual Integrations
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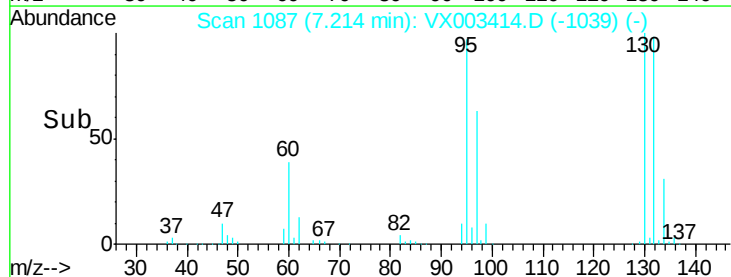
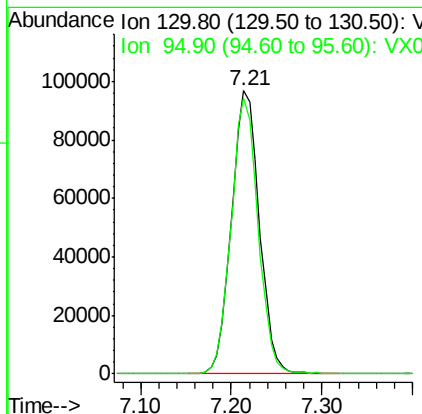
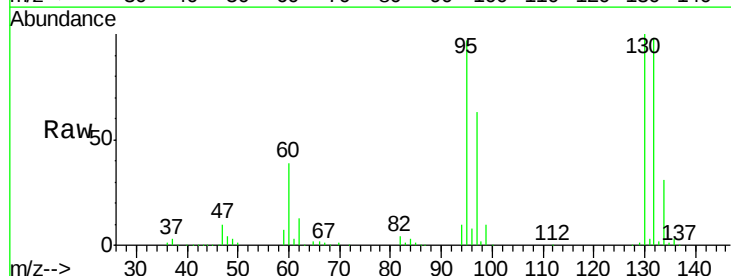
MMDadoda
 7/18/2018 12:58:21 PM

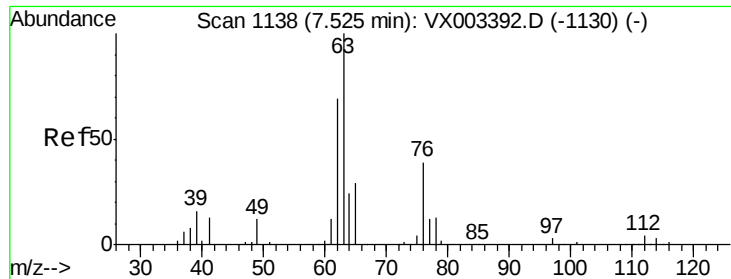


#44

Trichloroethene
 Concen: 49.40 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	185.4





#45

1,2-Dichloropropane

Concen: 49.62 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 186257

Ion Ratio Lower Upper

63 100

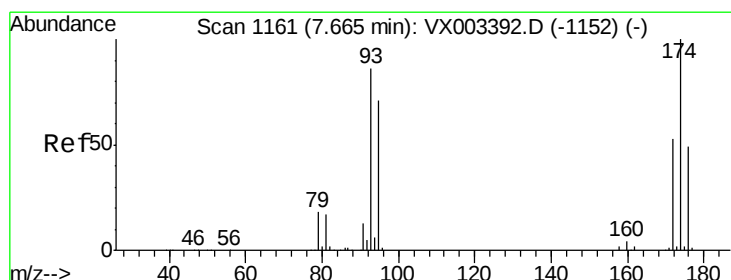
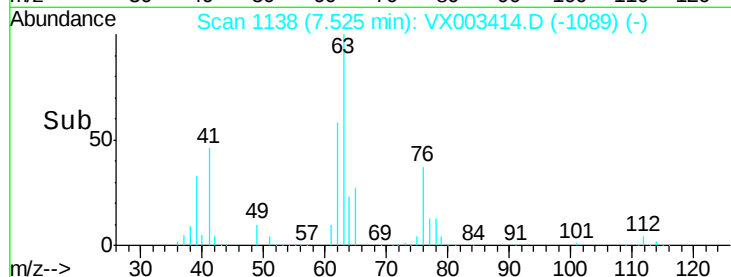
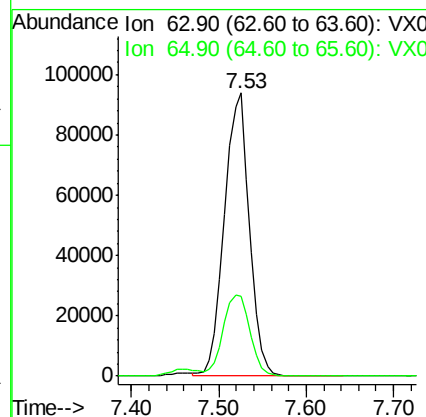
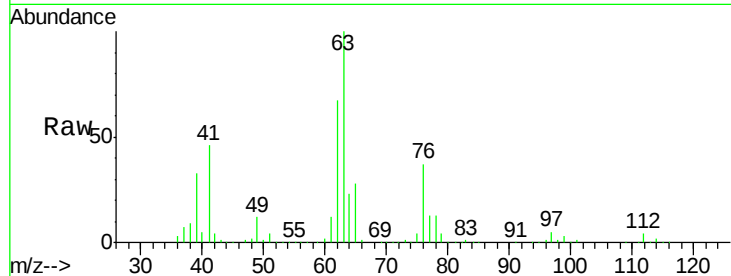
65 28.1 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 48.33 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

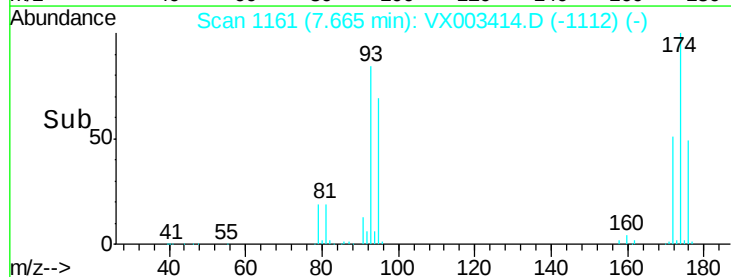
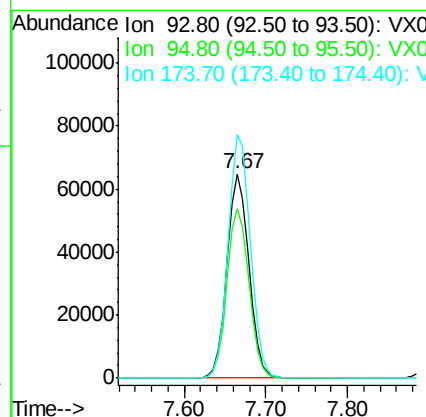
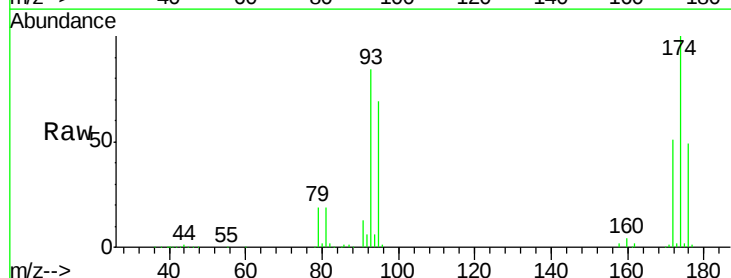
Tgt Ion: 93 Resp: 120787

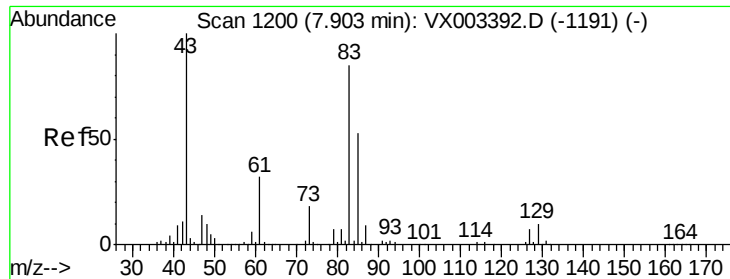
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

174 120.5 92.4 138.6





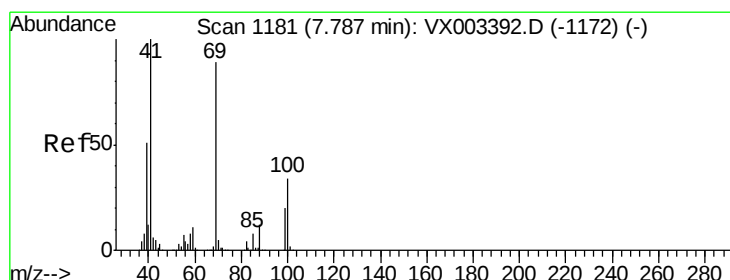
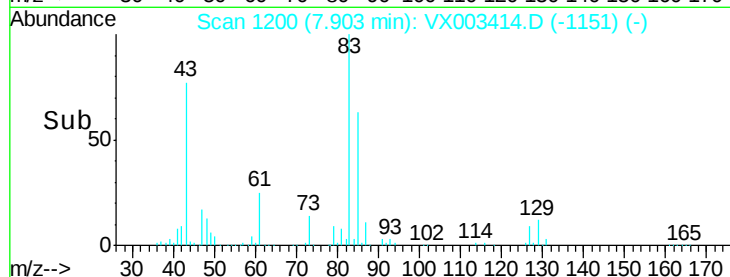
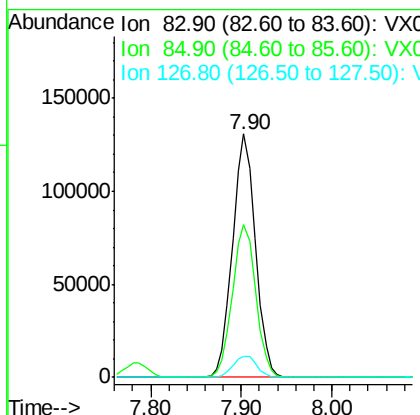
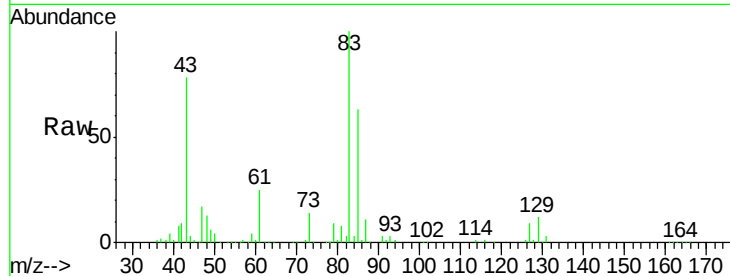
#47
 Bromodichloromethane
 Concen: 50.12 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	229382
Ion Ratio	Lower	Upper	
83	100		
85	62.6	50.3	75.5
127	8.7	7.0	10.4

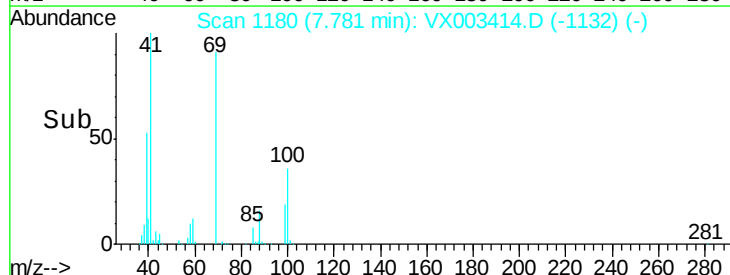
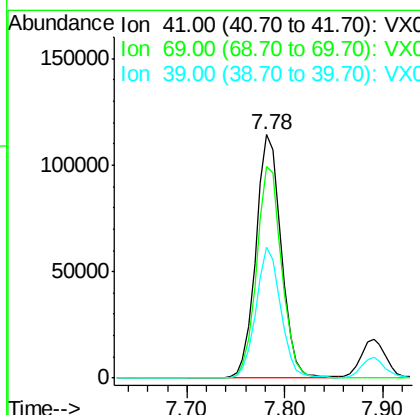
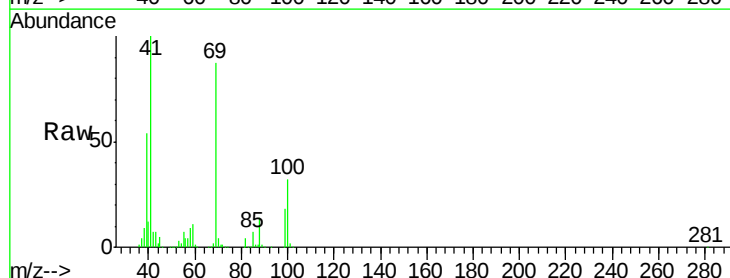
Manual Integrations
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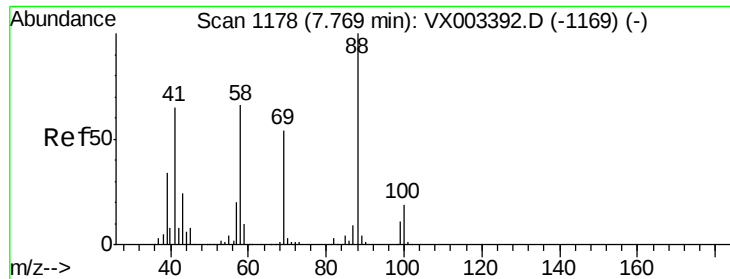
MMDadoda
 7/18/2018 12:58:21 PM



#48
 Methyl methacrylate
 Concen: 49.84 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Tgt Ion	41	Resp	205069
Ion Ratio	Lower	Upper	
41	100		
69	86.2	59.1	88.7
39	52.6	48.9	73.3





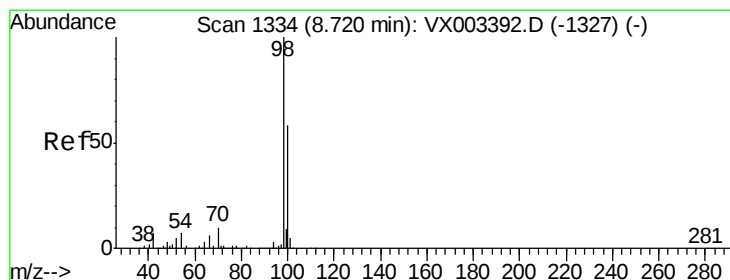
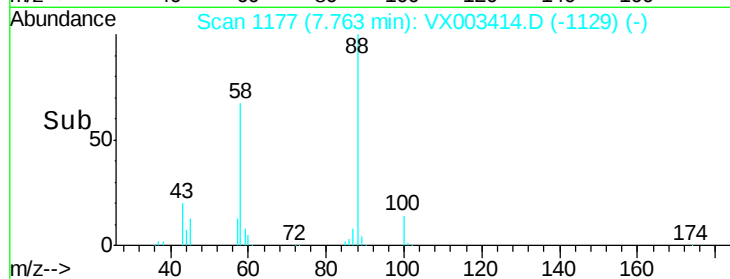
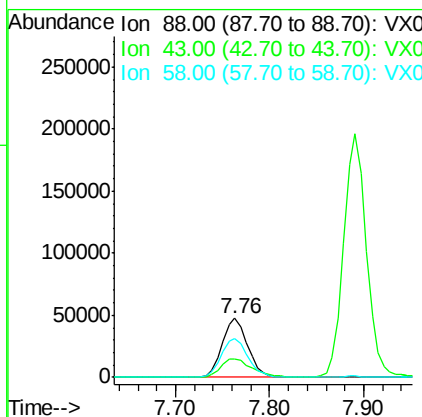
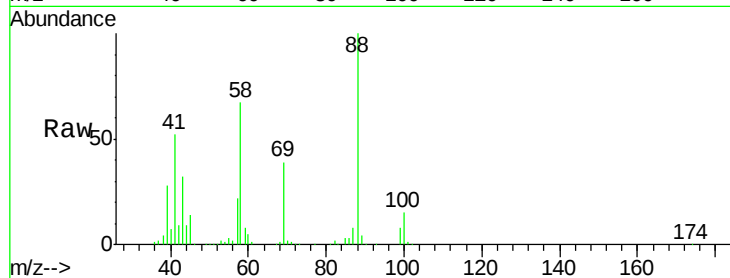
#49
1,4-Dioxane
Concen: 938.11 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.3	29.8	44.6
58	69.3	57.1	85.7

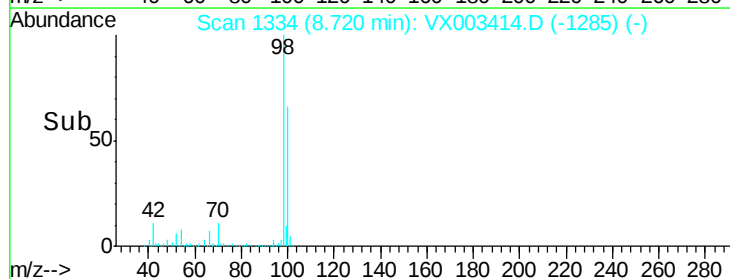
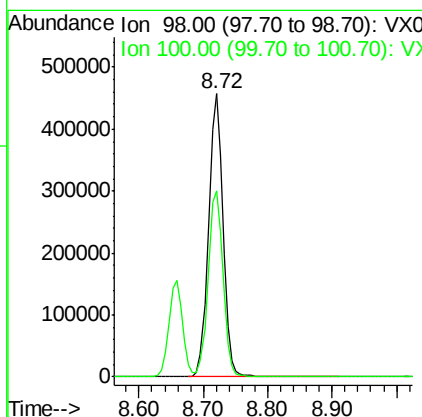
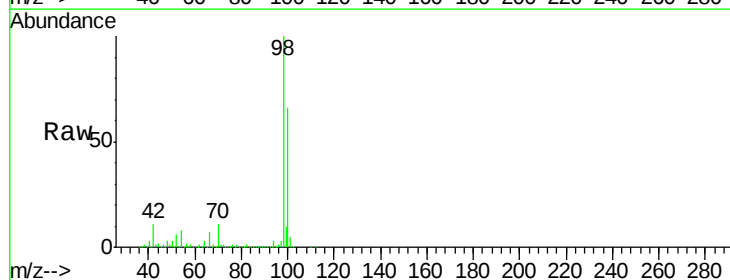
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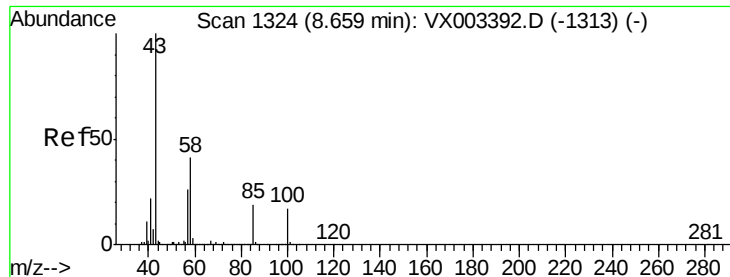
MMDadoda
7/18/2018 12:58:21 PM



#50
Toluene-d8
Concen: 51.44 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 265.98 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1412221

Ion Ratio Lower Upper

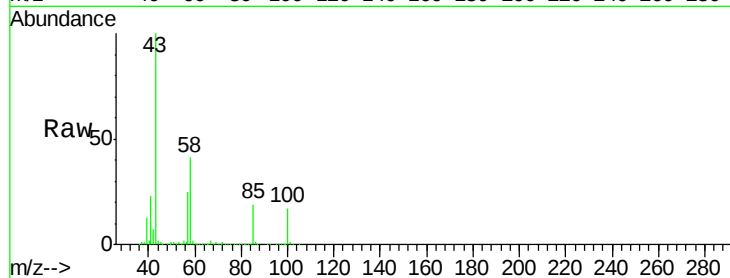
43 100

58 40.5 28.6 42.8

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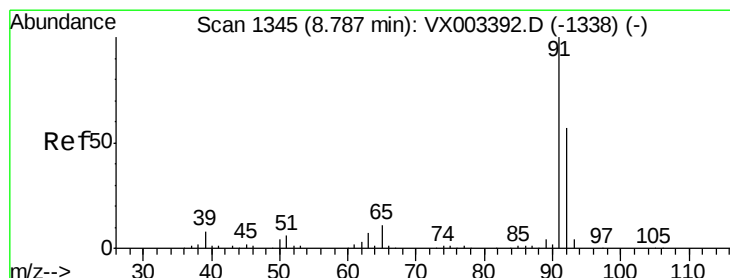
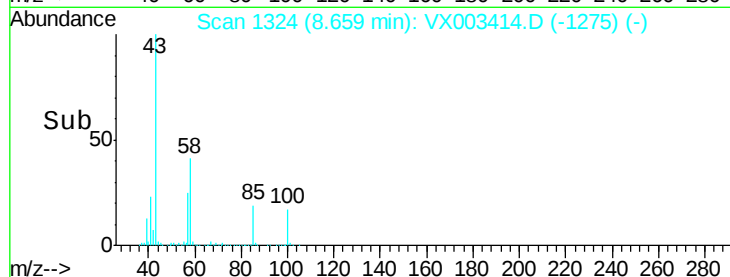
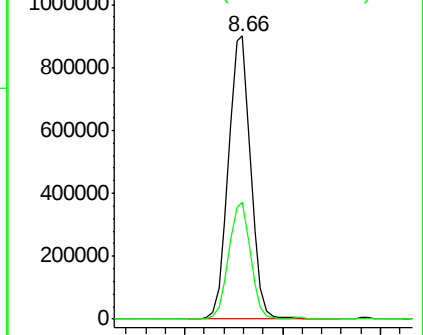
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 55.67 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003414.D

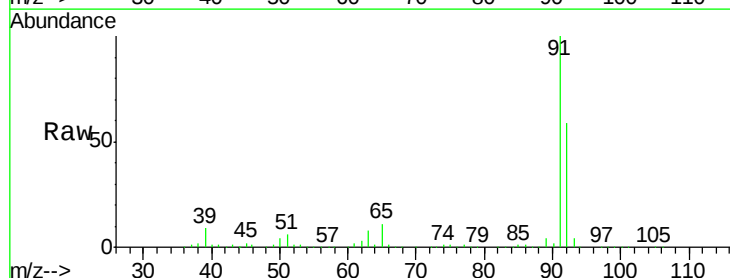
Acq: 17 Jul 2018 08:09

Tgt Ion: 92 Resp: 502938

Ion Ratio Lower Upper

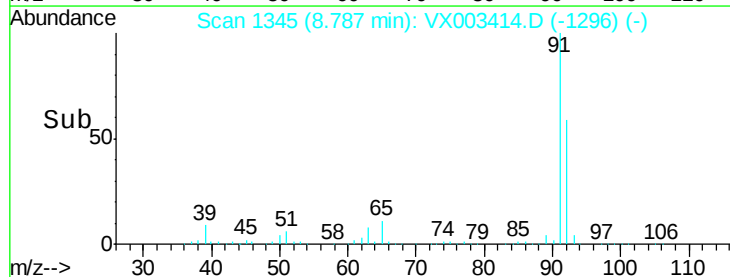
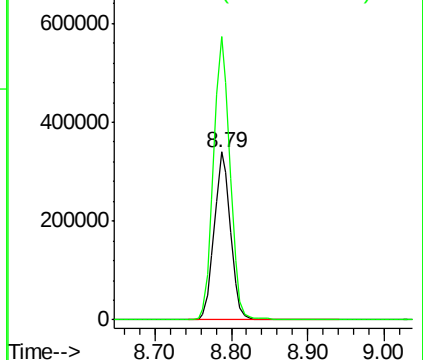
92 100

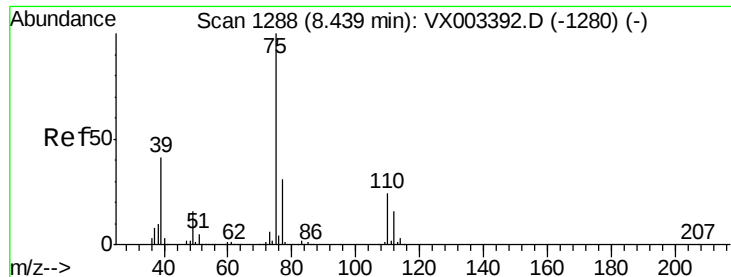
91 171.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 53.84 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 290933

Ion Ratio Lower Upper

75 100

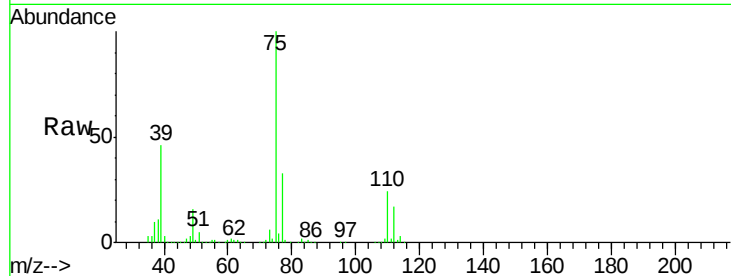
77 32.6 25.4 38.2

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

200000

150000

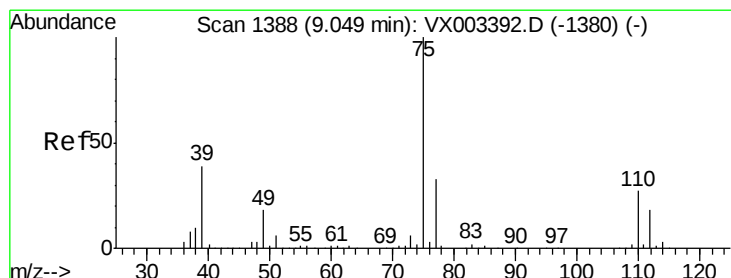
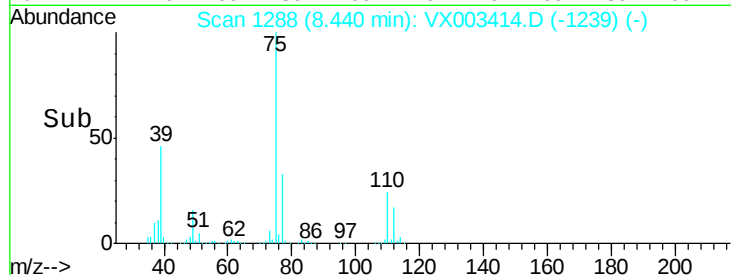
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 58.30 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

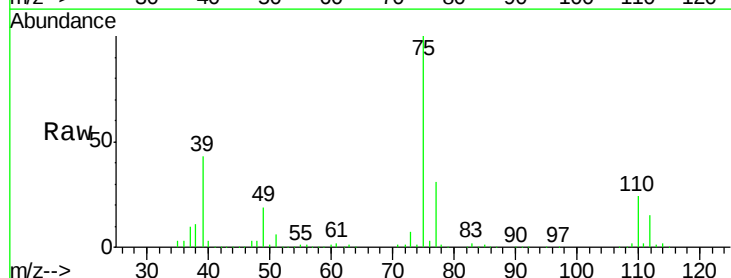
Tgt Ion: 75 Resp: 287528

Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2

39 43.0 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

250000

200000

150000

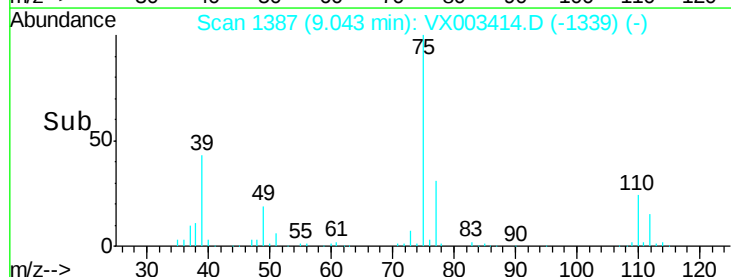
100000

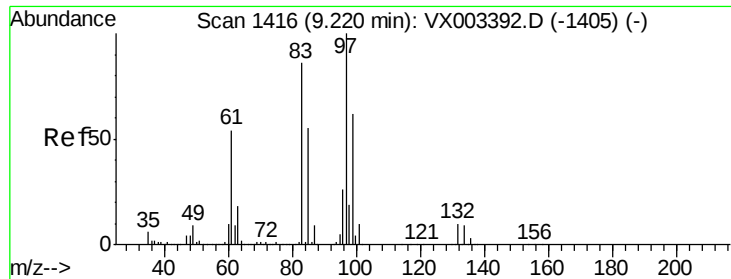
50000

0

9.00 9.10 9.20

Time-->





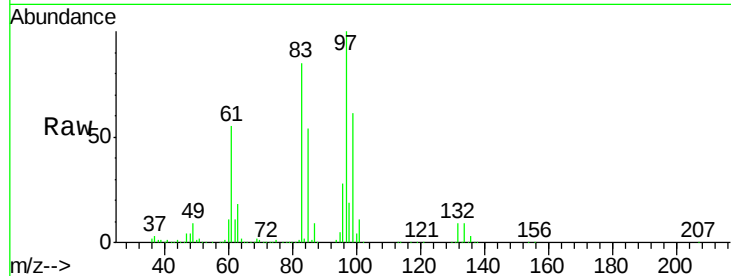
#55
 1,1,2-Trichloroethane
 Concen: 52.85 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

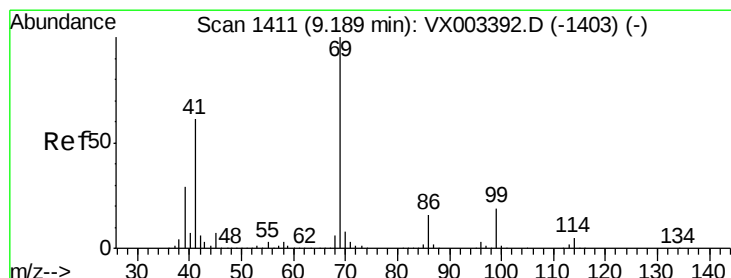
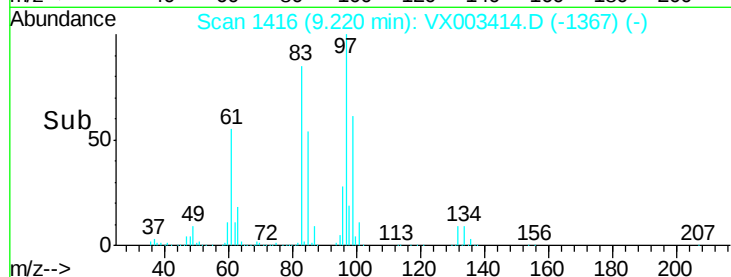
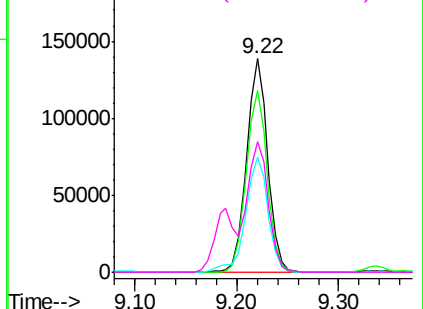
Tot Ion:	97	Resp:	199479
Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.2	105.2
85	54.0	44.9	67.3
99	61.0	49.8	74.8

Manual Integrations
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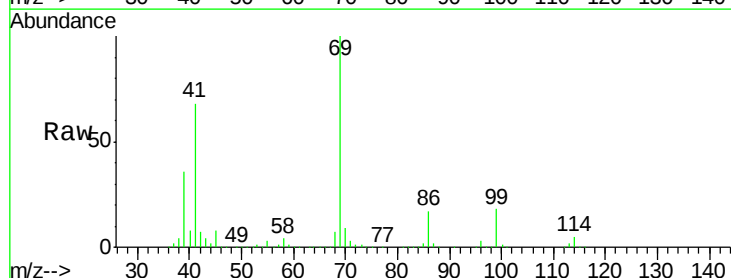


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

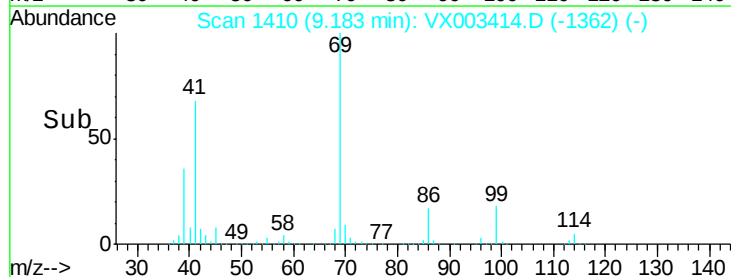
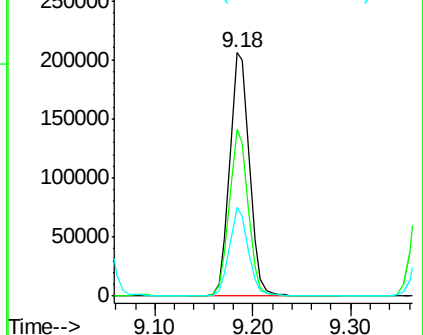


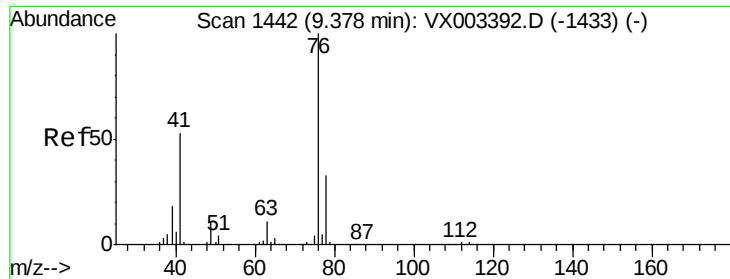
#56
 Ethyl methacrylate
 Concen: 54.02 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Tgt Ion:	69	Resp:	288681
Ion	Ratio	Lower	Upper
69	100		
41	65.8	60.3	90.5
39	34.6	35.8	53.8#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





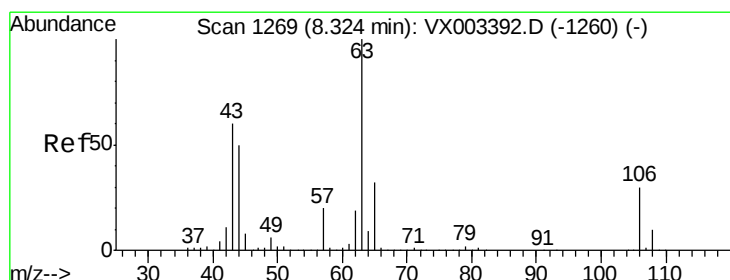
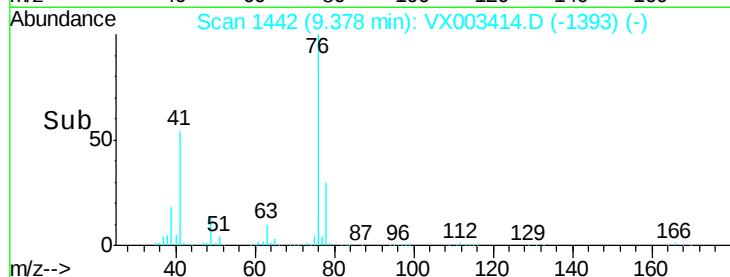
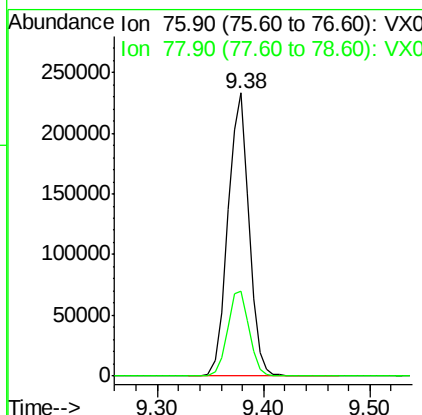
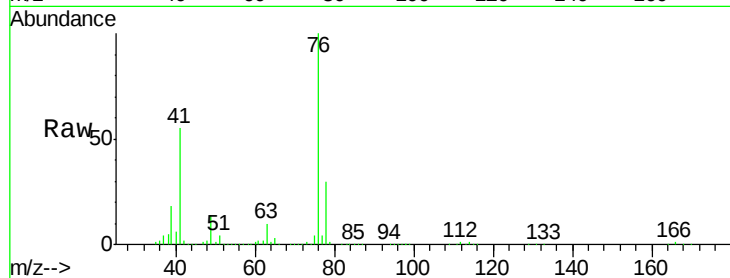
#57
 1,3-Dichloropropane
 Concen: 53.28 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 323143
 Ion Ratio Lower Upper
 76 100
 78 31.0 25.8 38.6

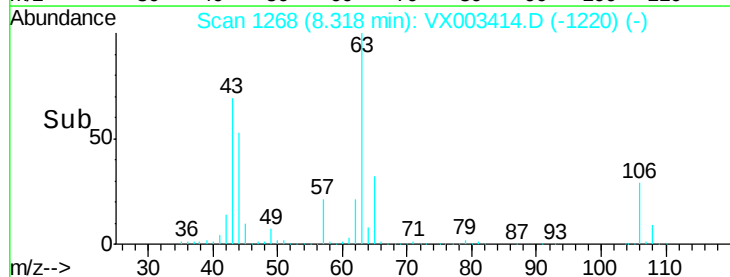
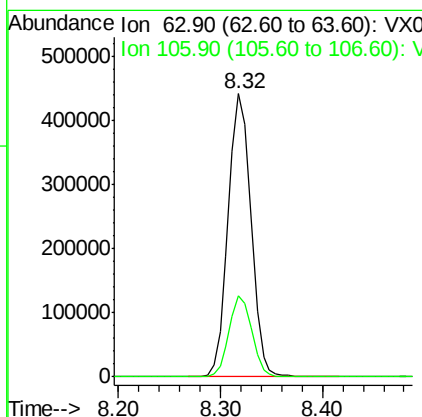
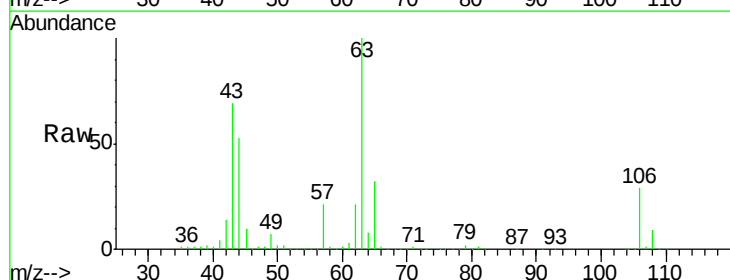
Manual Integrations
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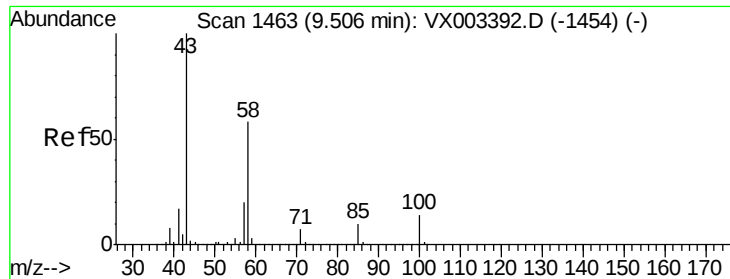
MMDadoda
 7/18/2018 12:58:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.78 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Tgt Ion: 63 Resp: 685469
 Ion Ratio Lower Upper
 63 100
 106 28.6 21.8 32.8





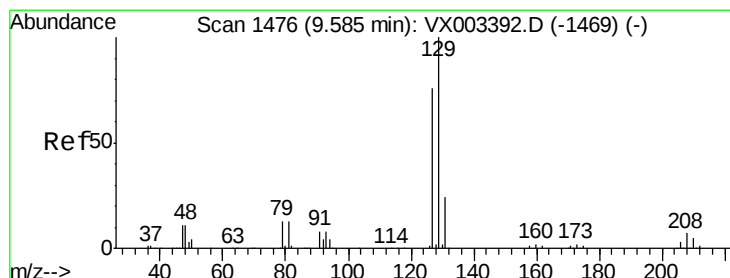
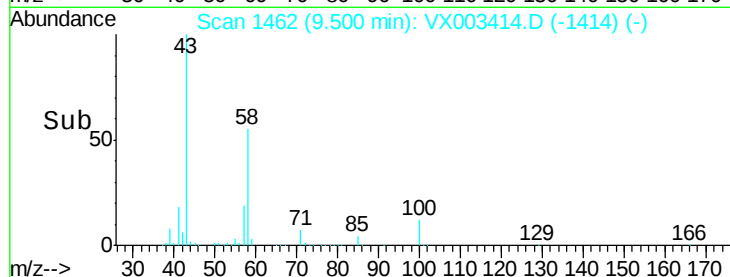
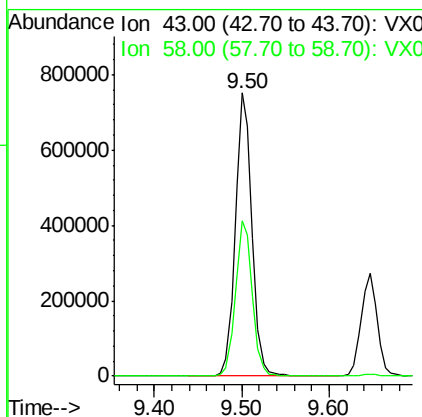
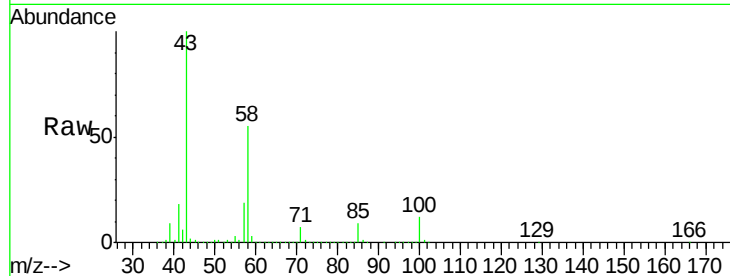
#59
2-Hexanone
Concen: 245.00 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 999449
Ion Ratio Lower Upper
43 100
58 55.9 24.6 73.6

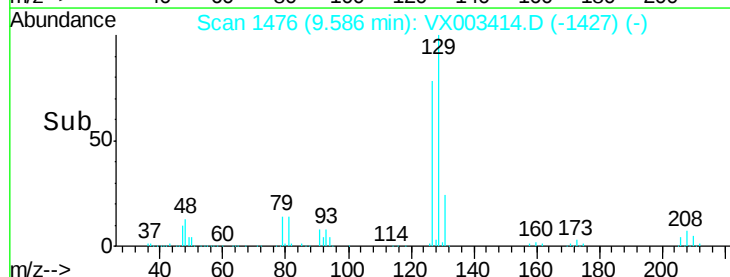
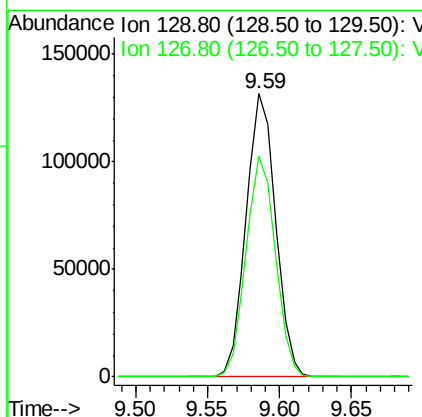
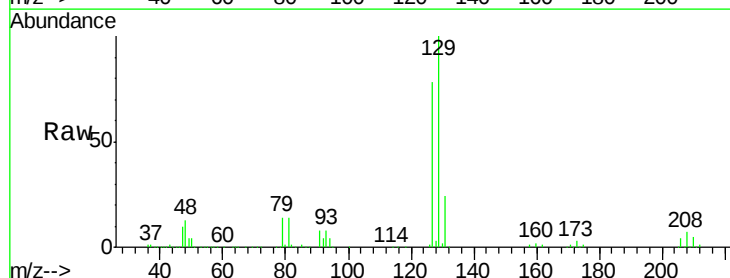
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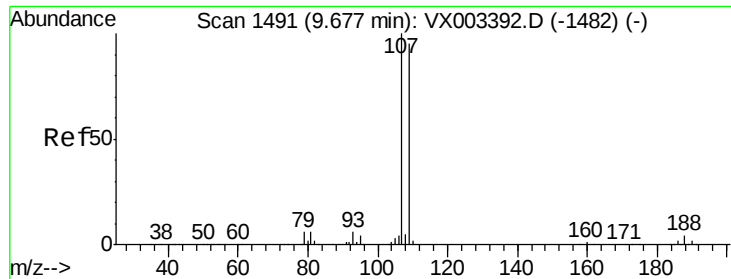
MMDadoda
7/18/2018 12:58:21 PM



#60
Dibromochloromethane
Concen: 49.84 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion: 129 Resp: 186904
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 188857

Ion Ratio Lower Upper

107 100

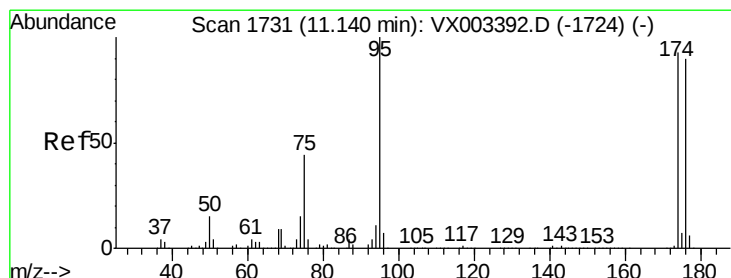
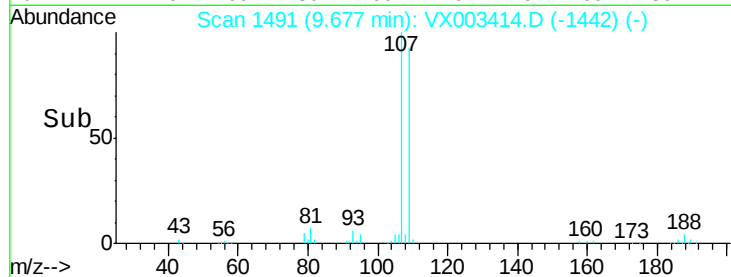
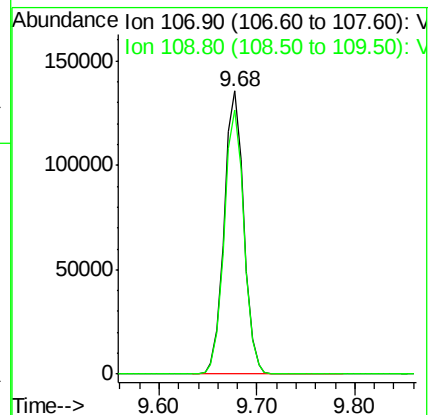
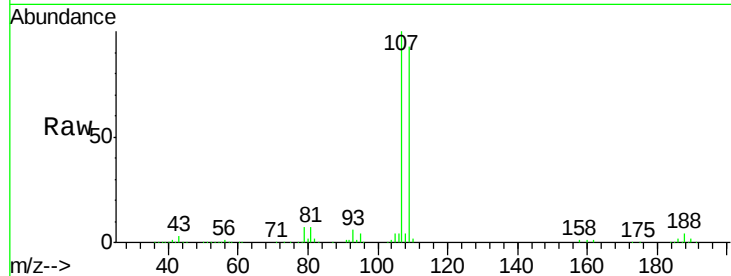
109 94.6 75.3 112.9

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7/18/2018 12:58:21 PM



#62

4-Bromofluorobenzene

Concen: 53.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

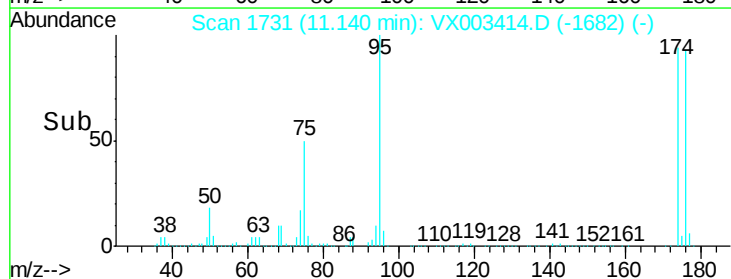
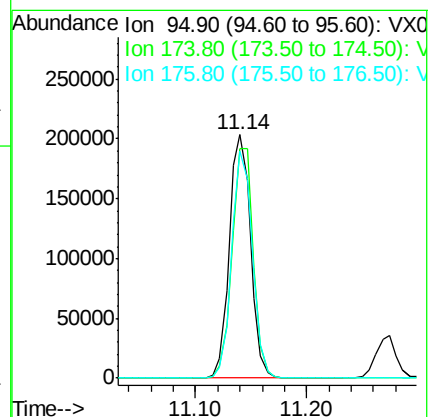
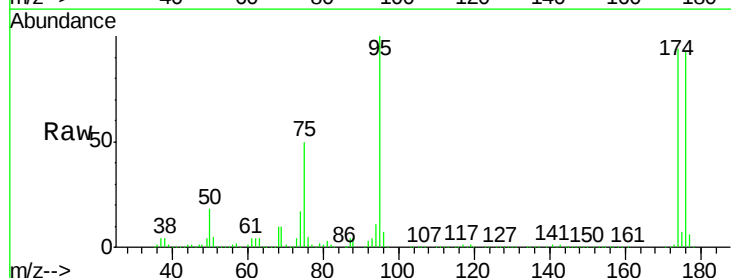
Tgt Ion: 95 Resp: 267927

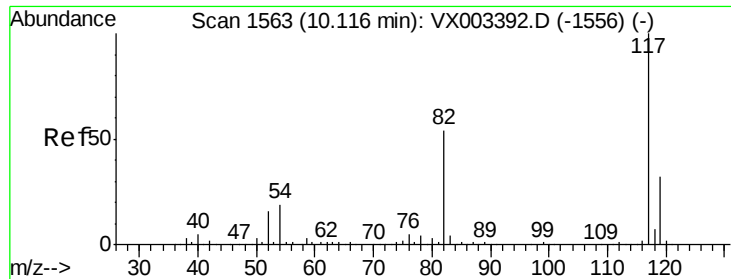
Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.4

176 90.9 0.0 181.0





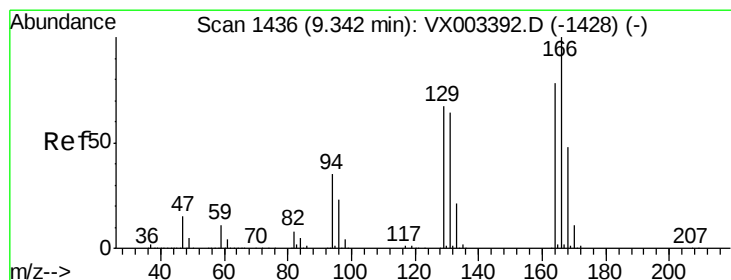
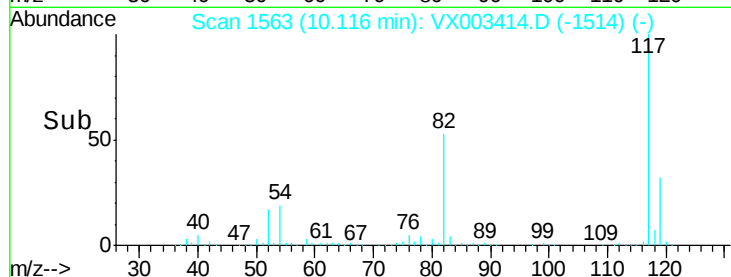
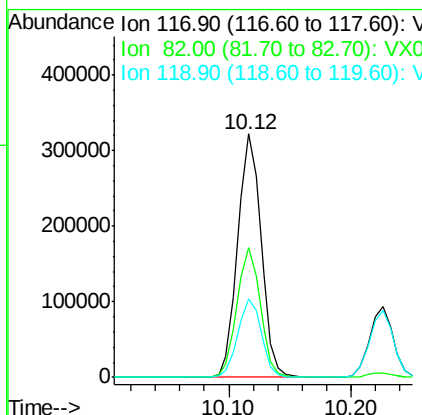
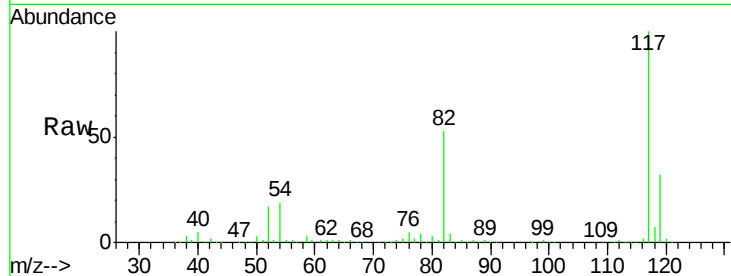
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.0	67.4
119	32.4	25.8	38.6

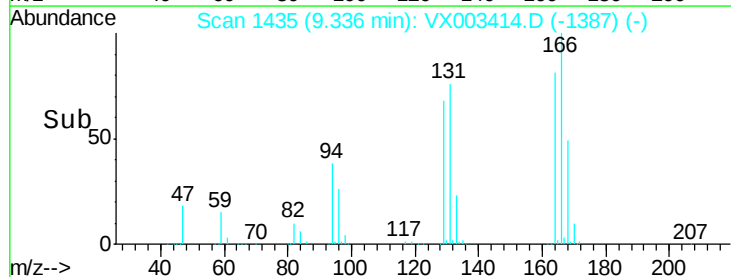
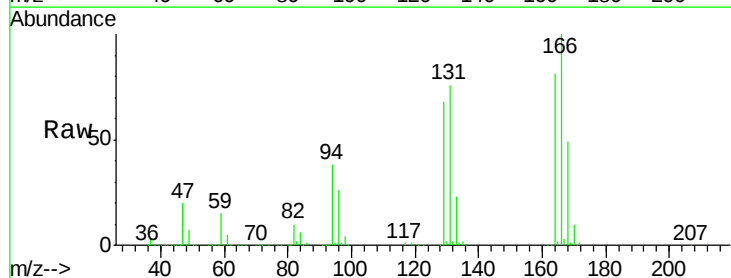
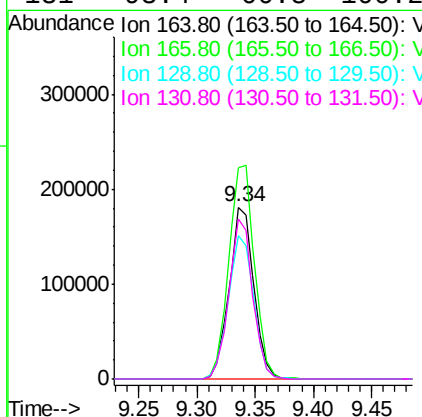
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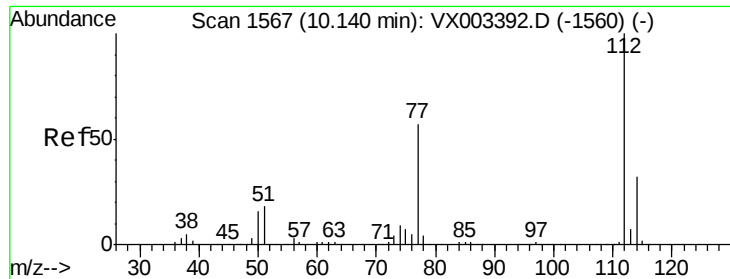
MMDadoda
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#64
Tetrachloroethene
Concen: 59.50 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	102.9	154.3
129	83.9	68.6	102.8
131	93.4	66.8	100.2





#65

Chlorobenzene

Concen: 50.42 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 509209

Ion Ratio Lower Upper

112 100

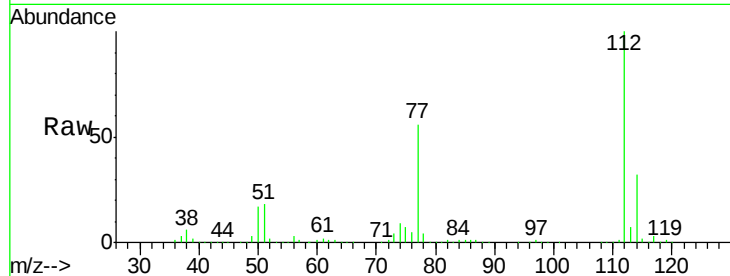
114 32.4 25.3 37.9

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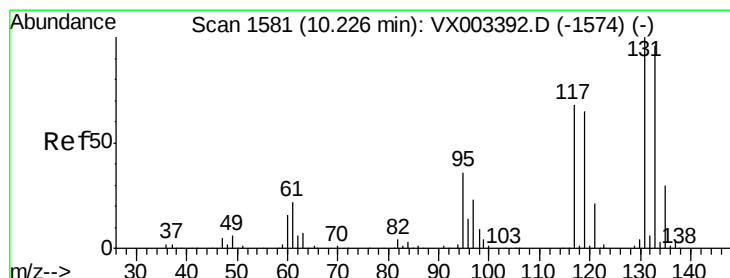
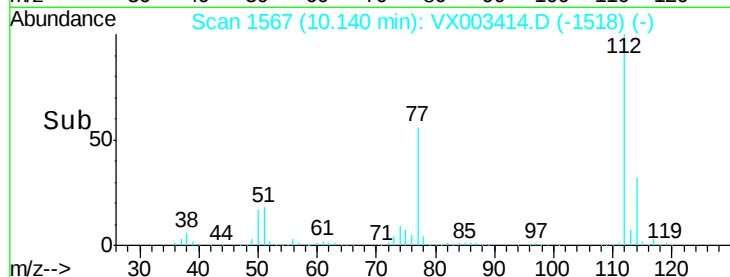
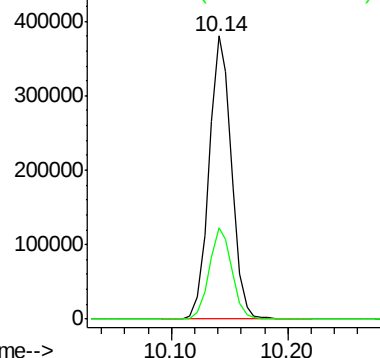
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.88 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

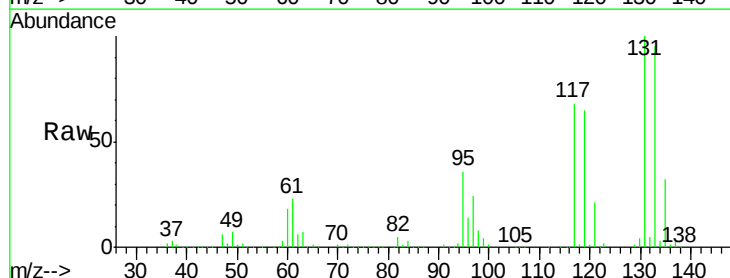
Tgt Ion:131 Resp: 186280

Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.6

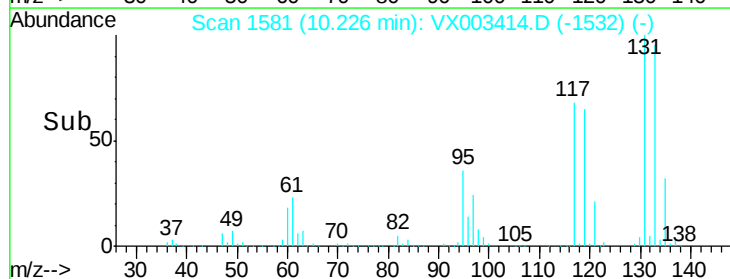
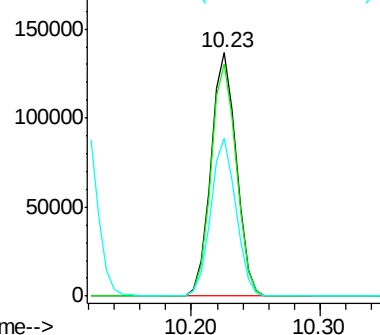
119 64.5 31.8 95.3

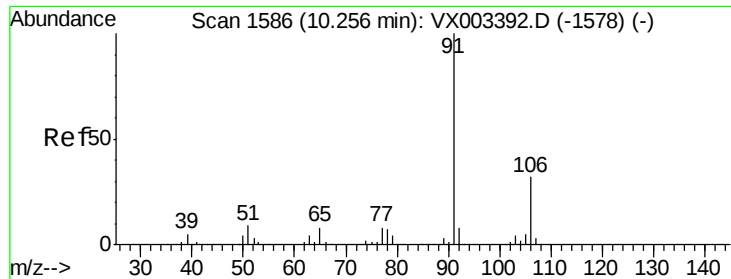


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.82 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 85513

Ion Ratio Lower Upper

91 100

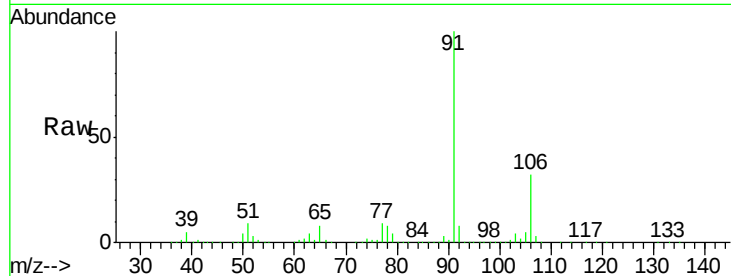
106 32.1 25.5 38.3

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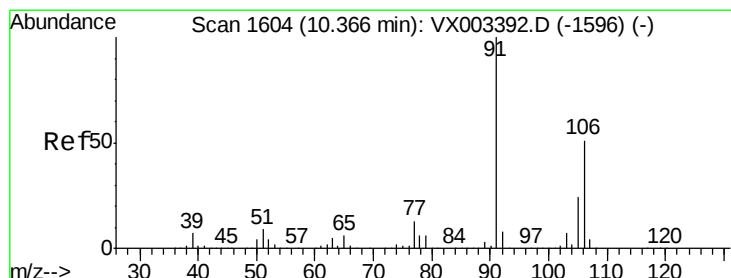
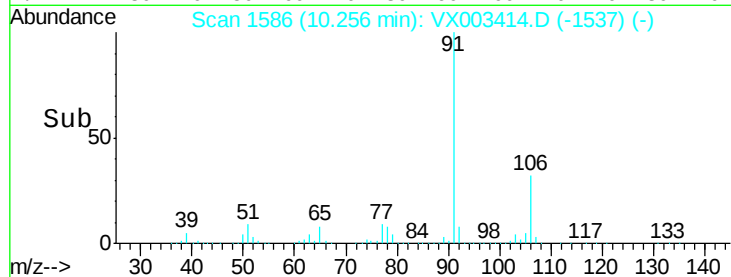
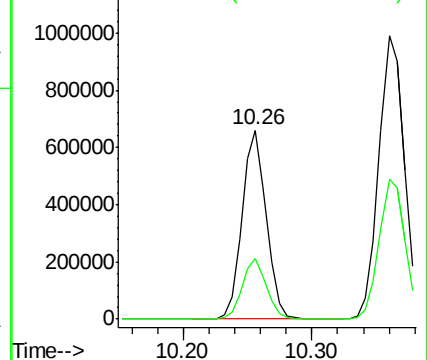
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.81 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX003414.D

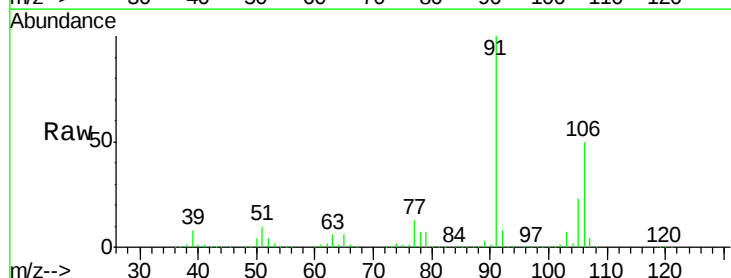
Acq: 17 Jul 2018 08:09

Tgt Ion: 106 Resp: 675652

Ion Ratio Lower Upper

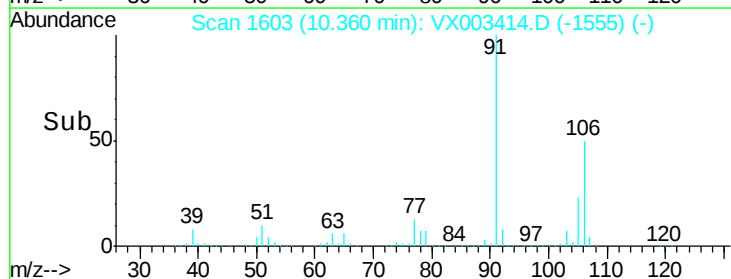
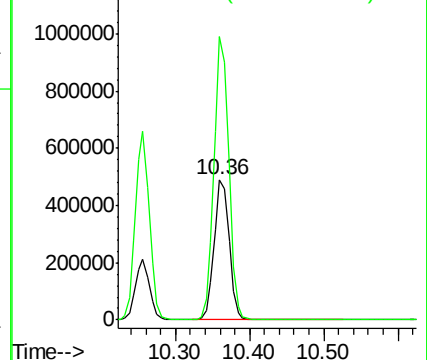
106 100

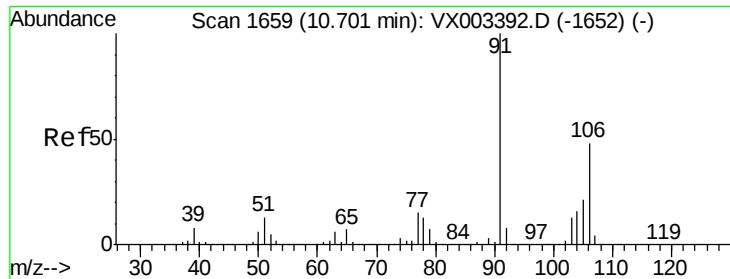
91 199.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





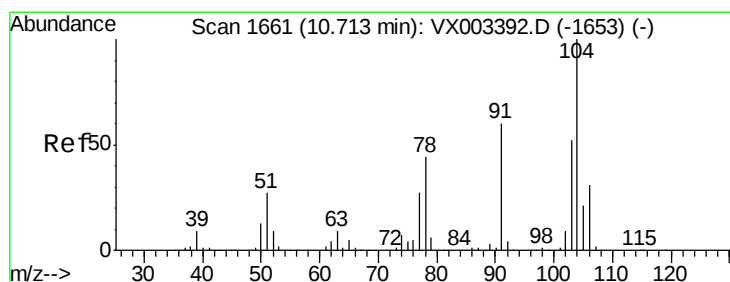
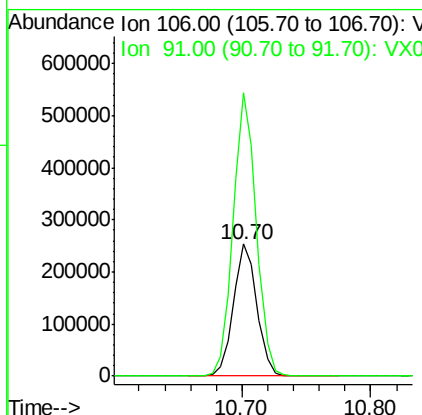
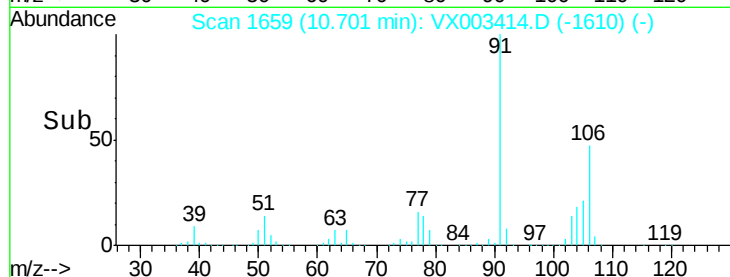
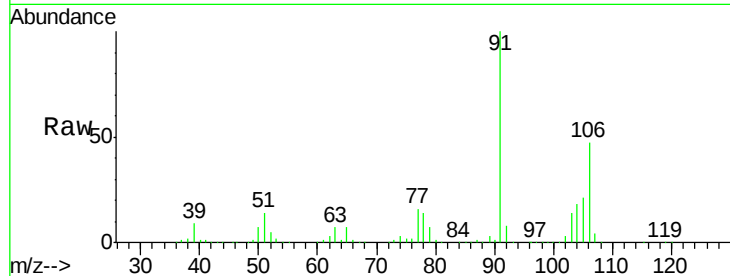
#69
o-Xylene
Concen: 52.33 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 320951
Ion Ratio Lower Upper
106 100
91 212.0 108.2 324.6

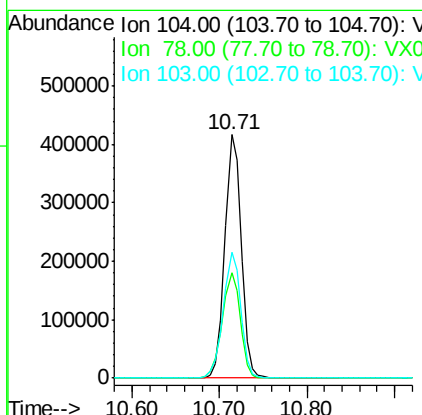
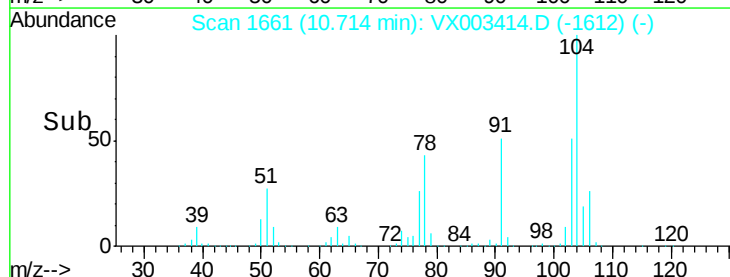
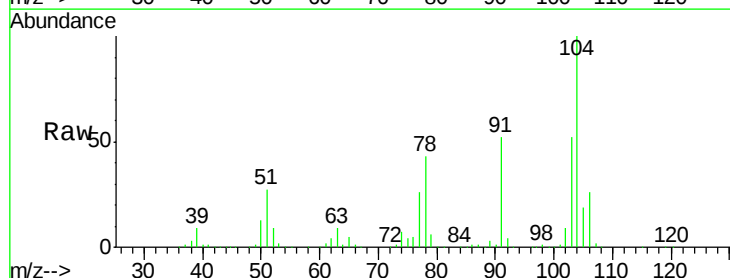
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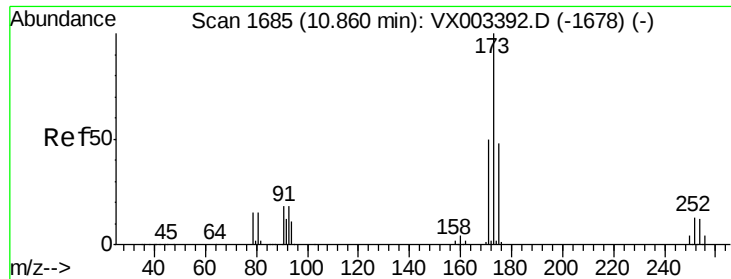
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#70
Styrene
Concen: 53.42 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion:104 Resp: 539206
Ion Ratio Lower Upper
104 100
78 48.0 41.0 61.6
103 55.6 44.2 66.4





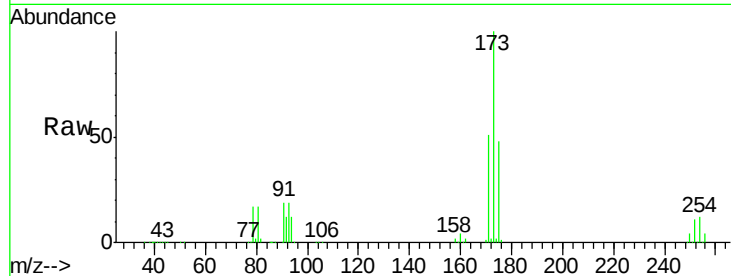
#71
Bromoform
Concen: 51.28 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

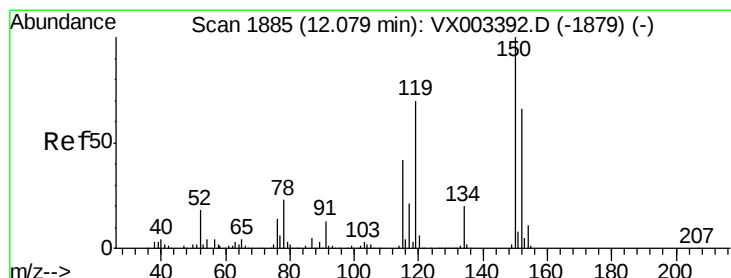
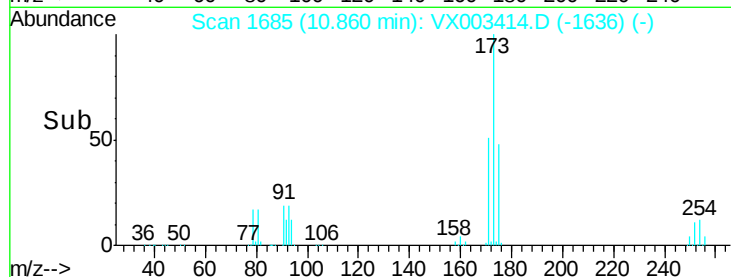
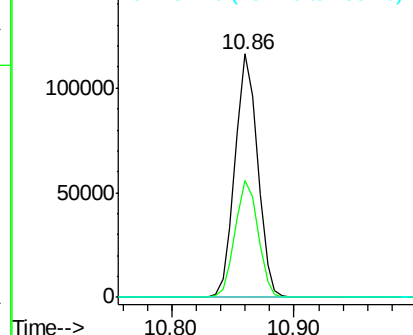
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.7	74.1
254	0.2	0.2	0.2

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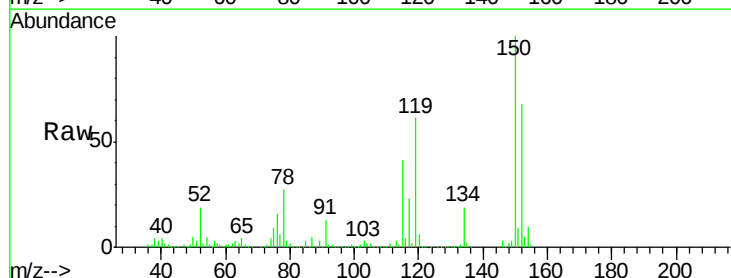


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

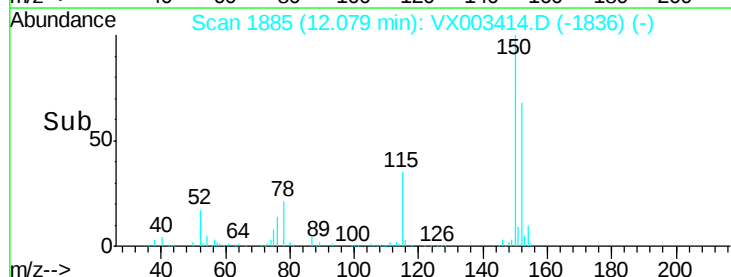
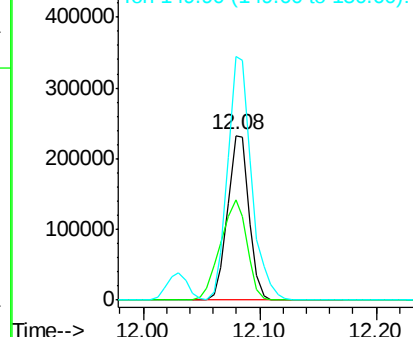


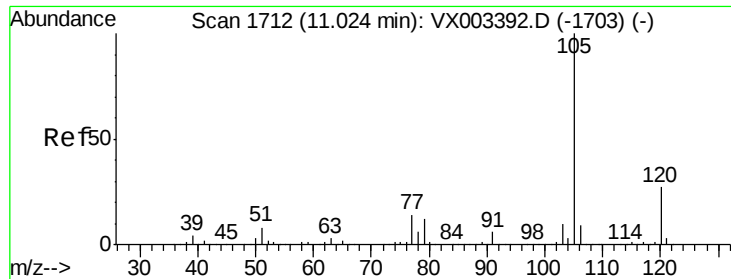
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.1	40.1	120.2
150	165.0	0.0	347.2



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





#73

Isopropylbenzene

Concen: 45.99 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 866690

Ion Ratio Lower Upper

105 100

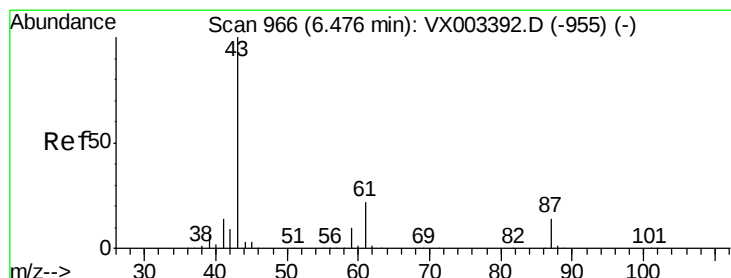
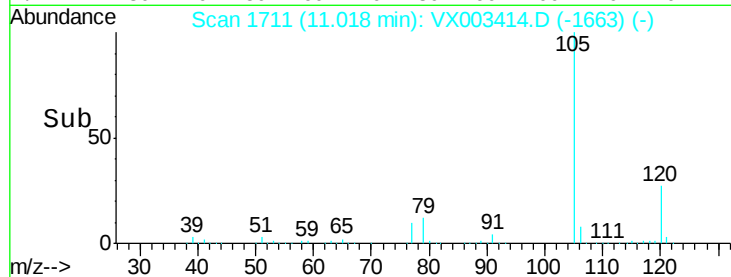
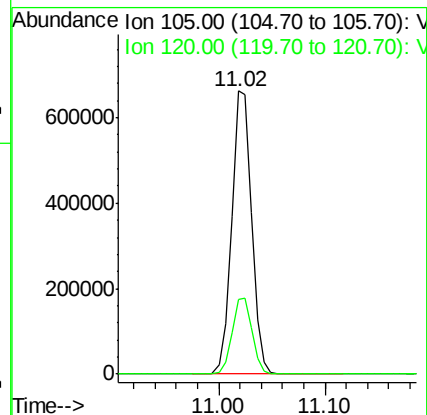
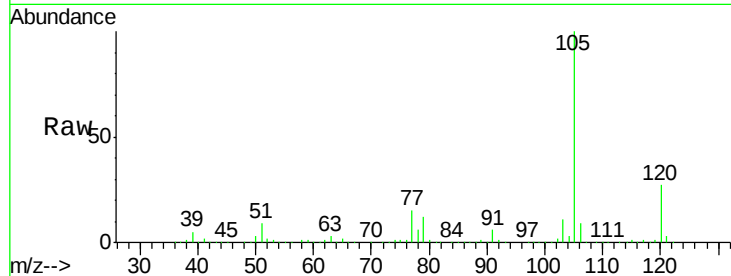
120 27.1 13.5 40.4

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#74

N-ethyl acetate

Concen: 43.20 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Tgt Ion: 43 Resp: 391506

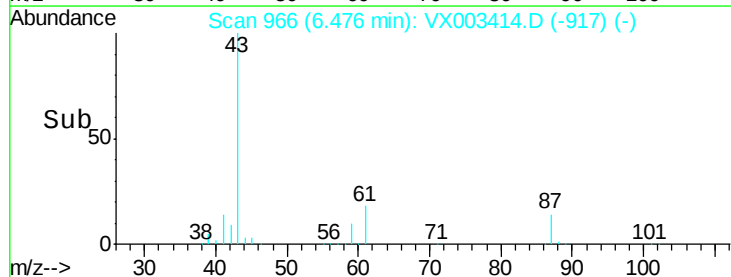
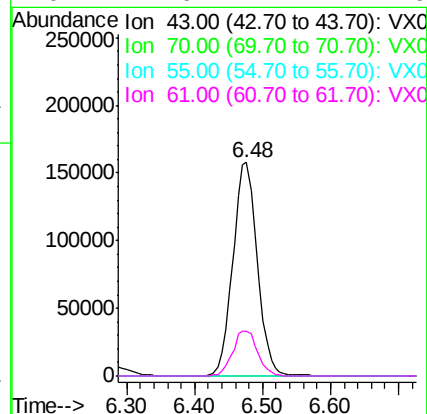
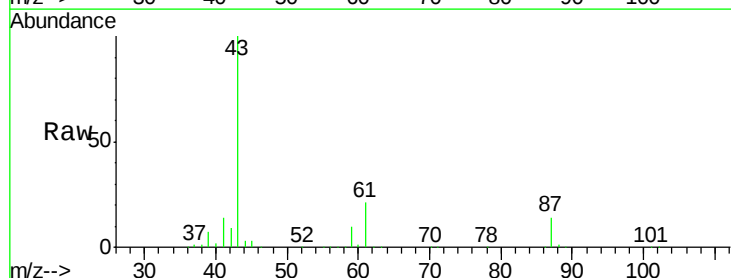
Ion Ratio Lower Upper

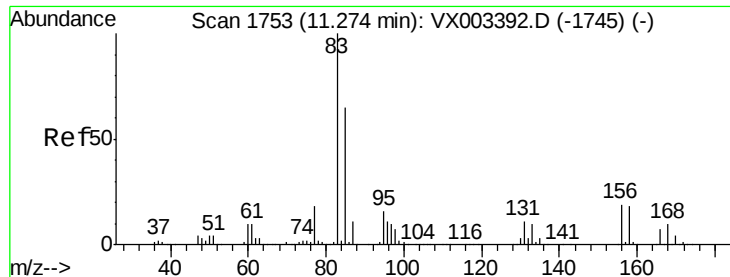
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 21.6 14.4 21.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 46.13 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 286920

Ion Ratio Lower Upper

83 100

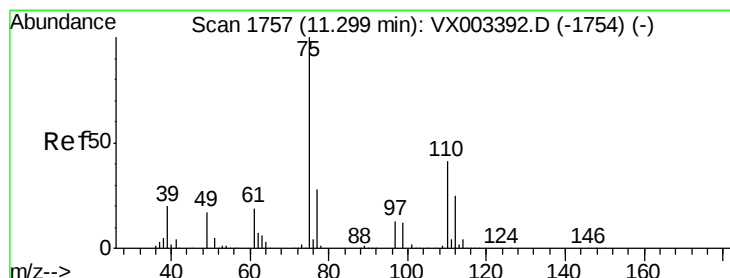
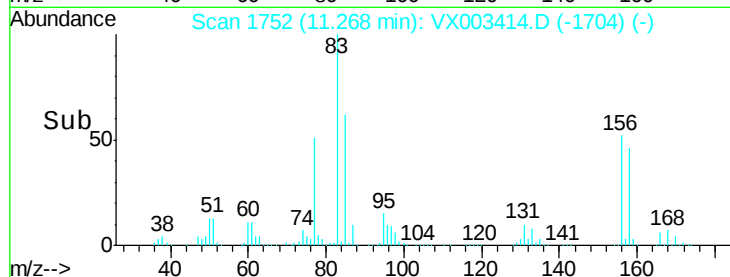
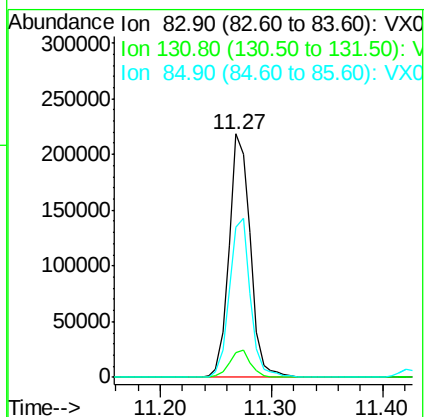
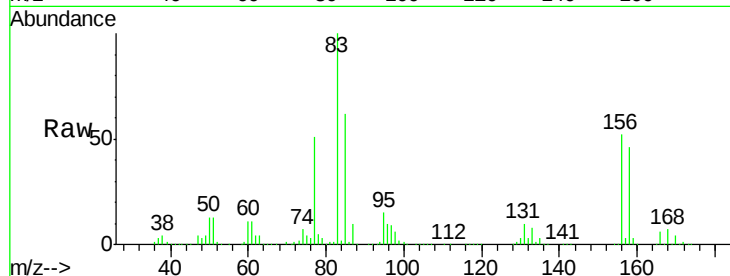
131 11.1 5.6 16.8

85 64.7 32.4 97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.61 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003414.D

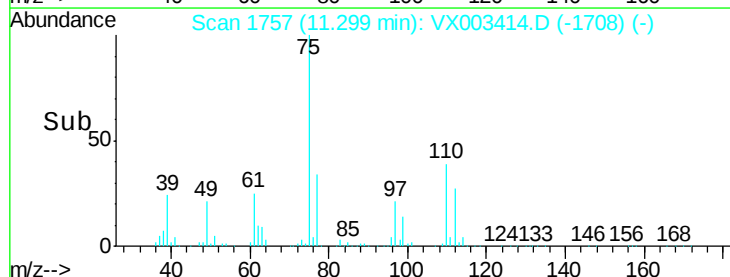
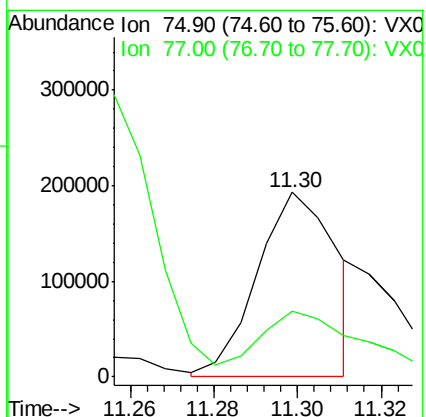
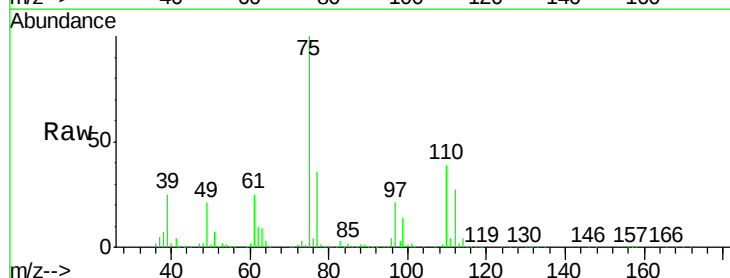
Acq: 17 Jul 2018 08:09

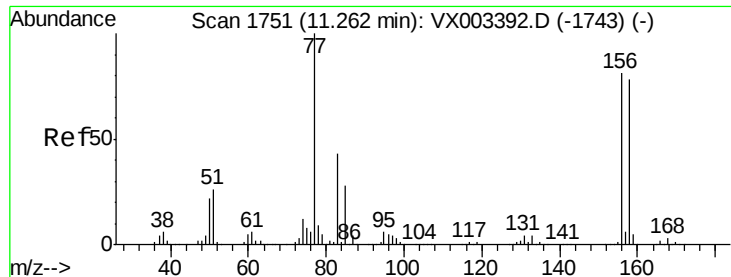
Tgt Ion: 75 Resp: 253674

Ion Ratio Lower Upper

75 100

77 46.7 22.8 68.3





#77

Bromobenzene

Concen: 49.67 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 265828

Ion Ratio Lower Upper

156 100

77 139.7 71.4 214.2

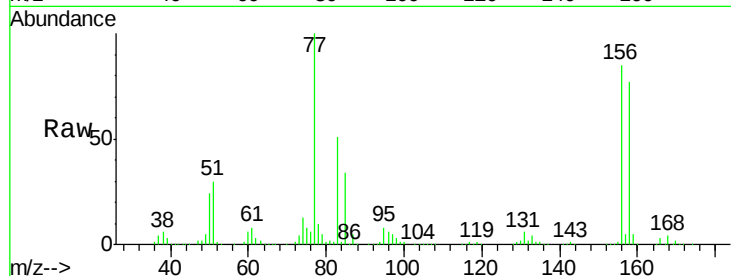
158 93.4 48.9 146.6

Manual Integrations

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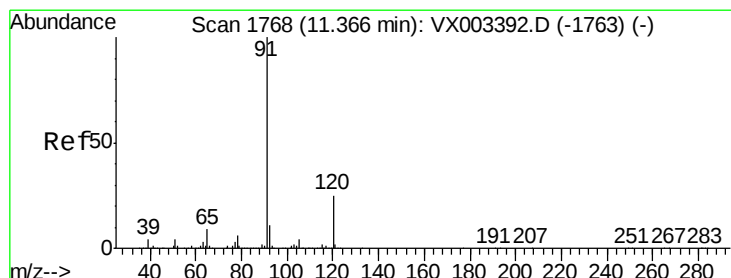
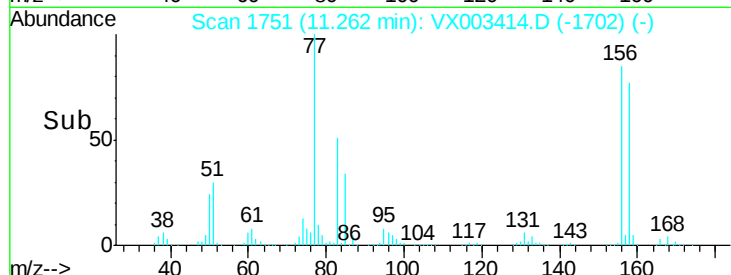
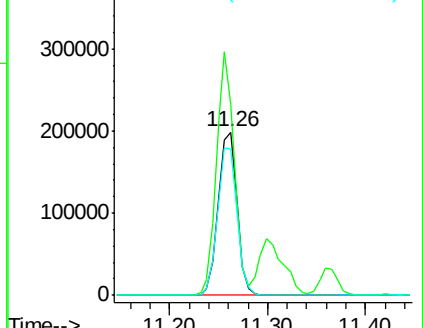
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.72 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003414.D

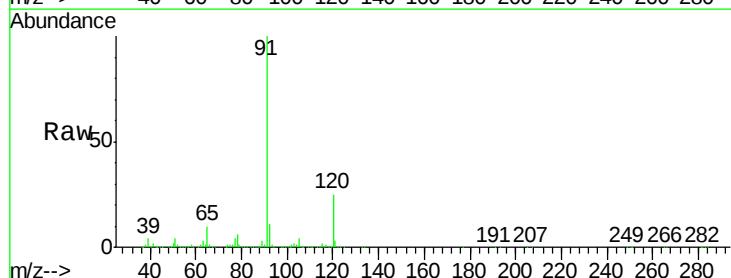
Acq: 17 Jul 2018 08:09

Tgt Ion: 91 Resp: 1088801

Ion Ratio Lower Upper

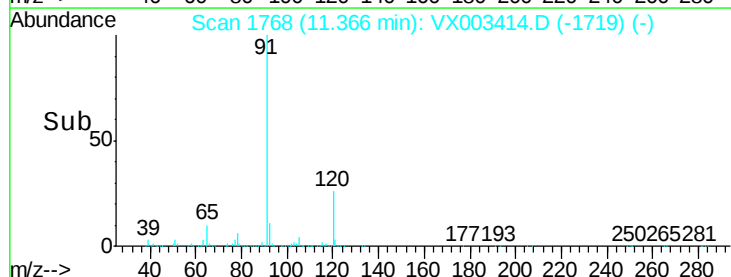
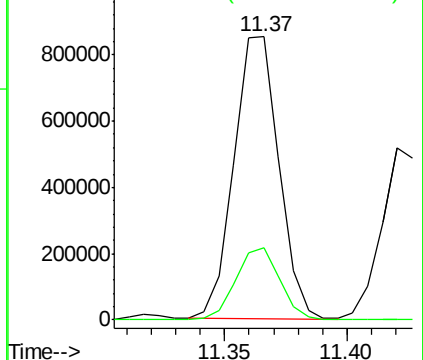
91 100

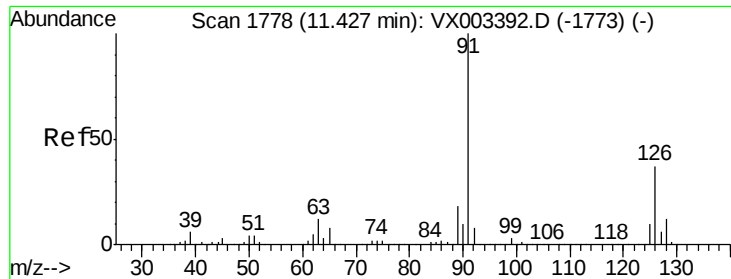
120 25.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.90 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 669843

Ion Ratio Lower Upper

91 100

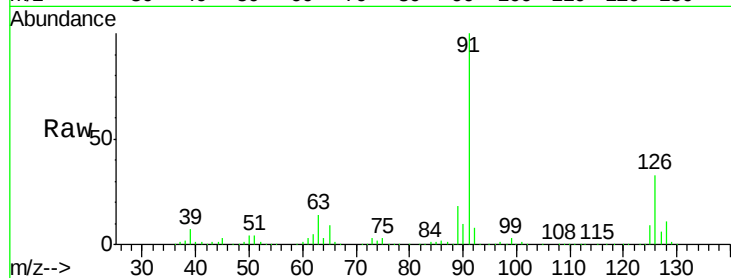
126 35.0 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX003392.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003392.D (-1773) (-)

1000000

800000

600000

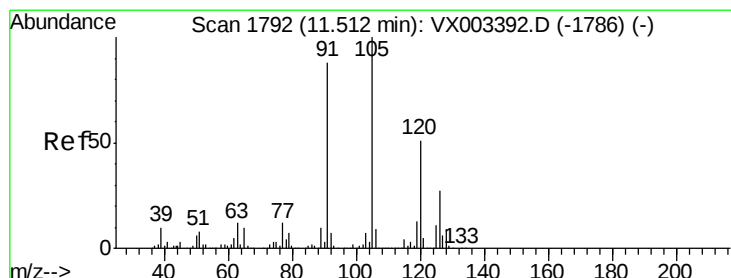
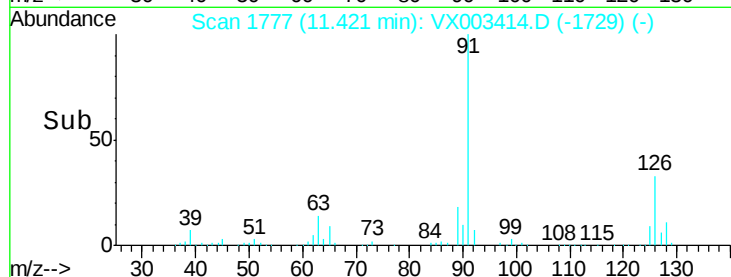
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003414.D

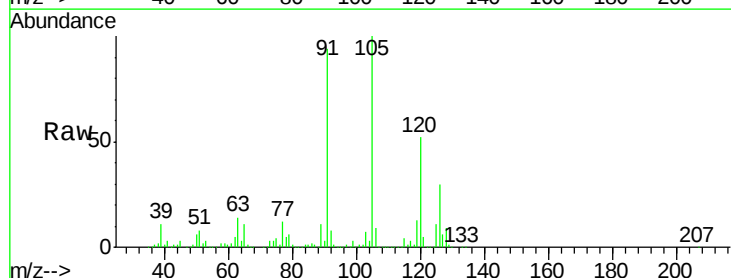
Acq: 17 Jul 2018 08:09

Tgt Ion: 105 Resp: 831497

Ion Ratio Lower Upper

105 100

120 51.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003392.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003392.D (-1786) (-)

800000

600000

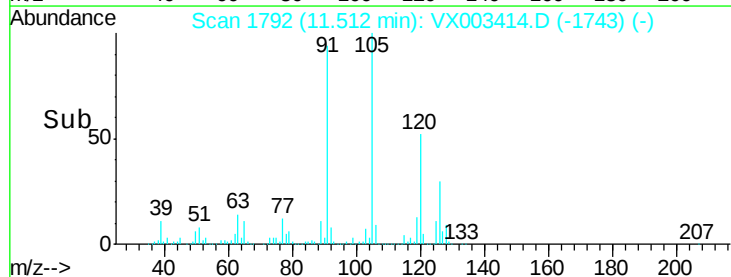
400000

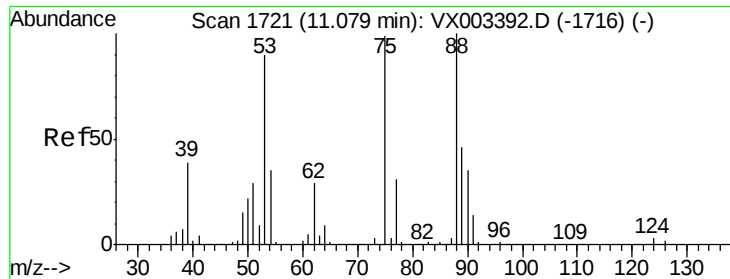
200000

0

11.50 11.51 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.06 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

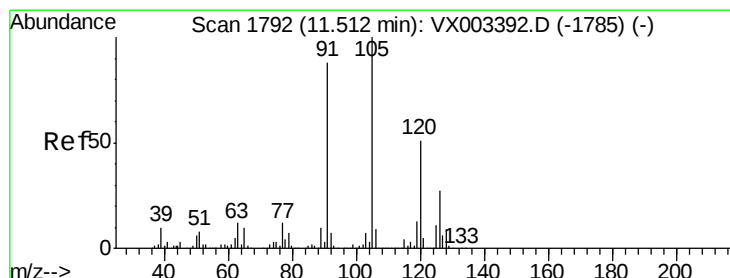
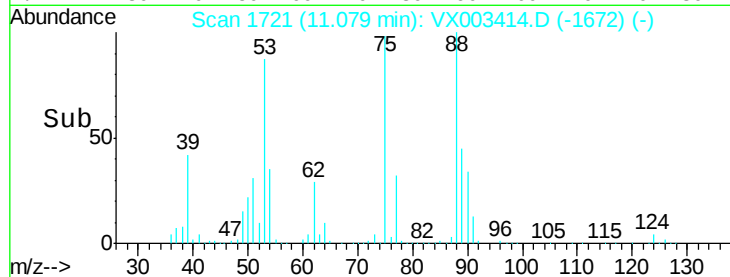
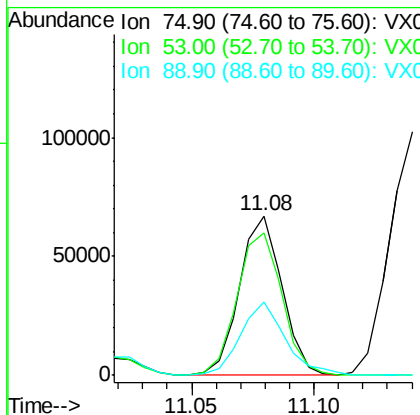
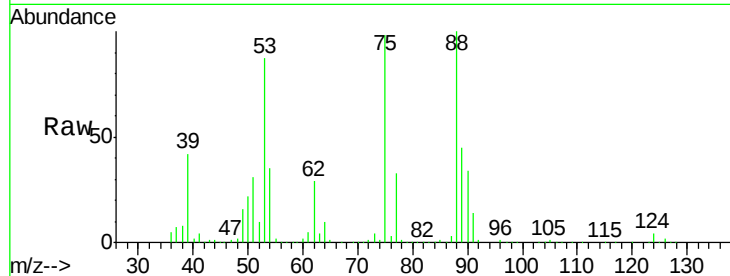
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	80461
Ion Ratio	Lower	Upper	
75	100		
53	94.4	86.8	130.2
89	49.2	38.2	57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.24 ug/l

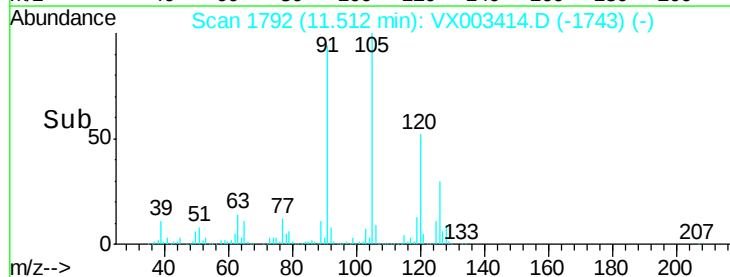
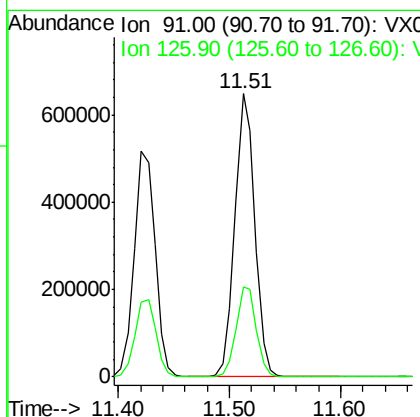
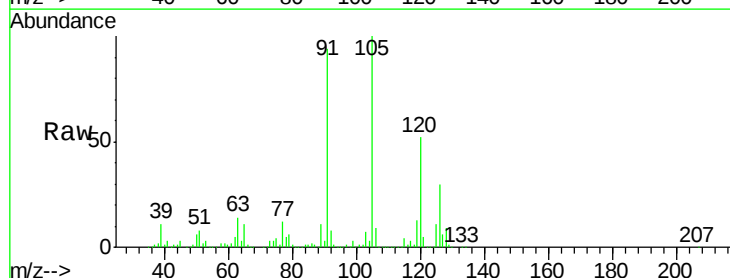
RT: 11.51 min Scan# 1792

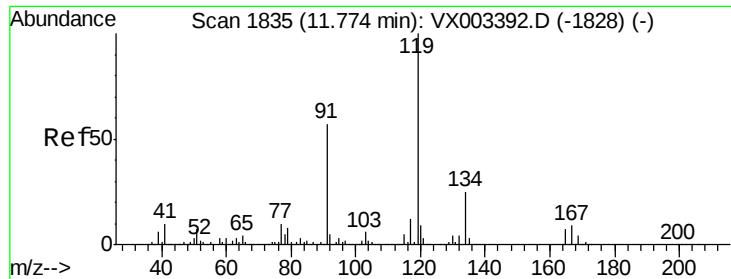
Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Tgt Ion:	91	Resp:	801733
Ion Ratio	Lower	Upper	
91	100		
126	32.1	15.4	46.4





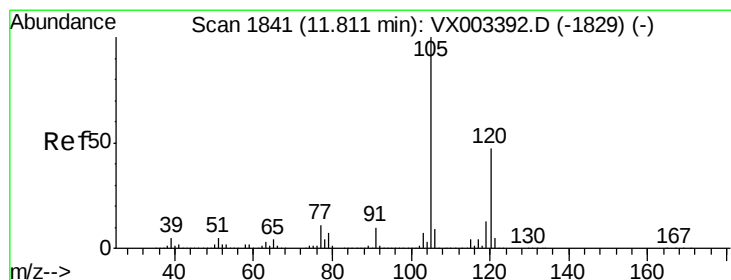
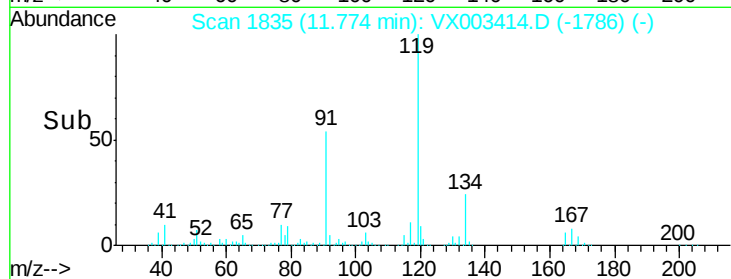
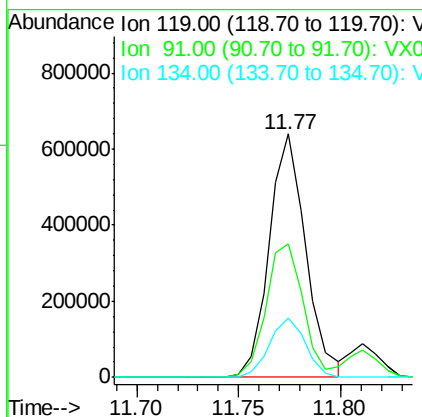
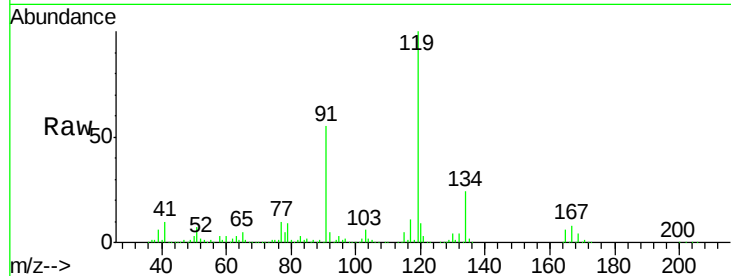
#83
 tert-Butylbenzene
 Concen: 52.95 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	796532		
91	55.5	30.3	90.9	
134	24.2	11.7	35.1	

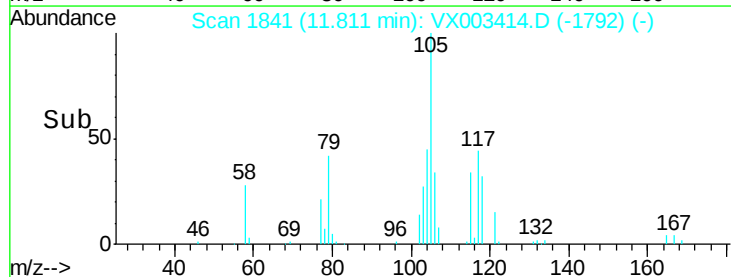
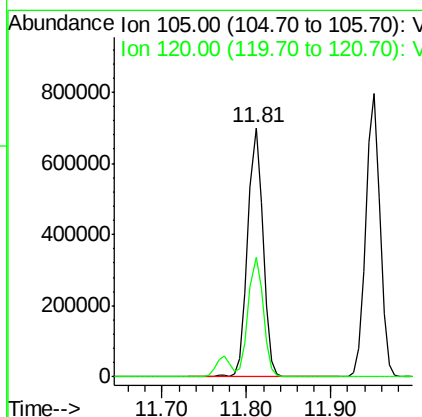
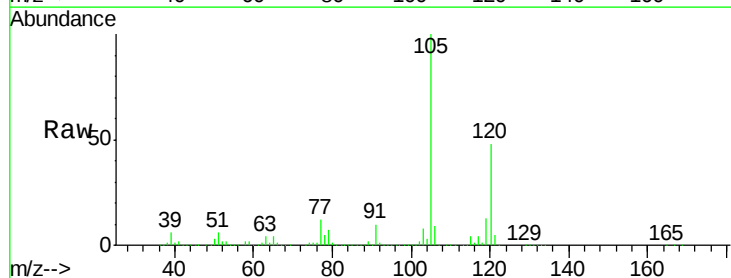
Manual Integrations
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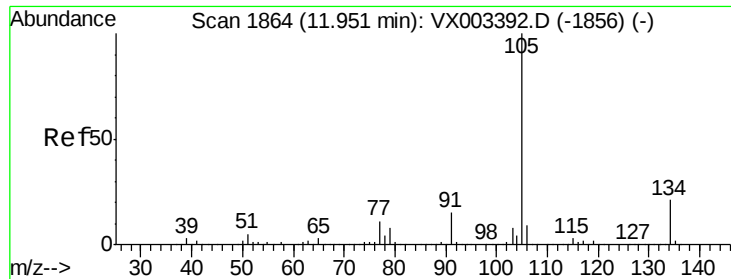
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.95 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	837300		
120	47.2	22.3	66.8	





#85

sec-Butylbenzene

Concen: 51.57 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 941209

Ion Ratio Lower Upper

105 100

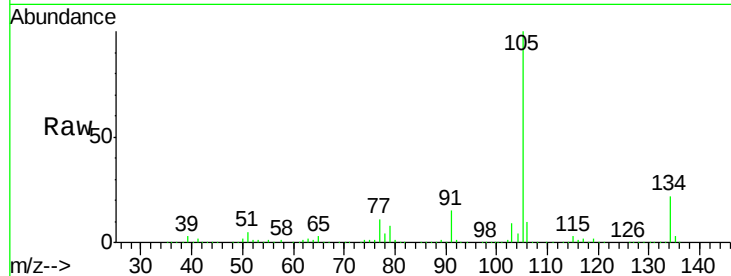
134 21.4 10.4 31.1

Manual Integrations

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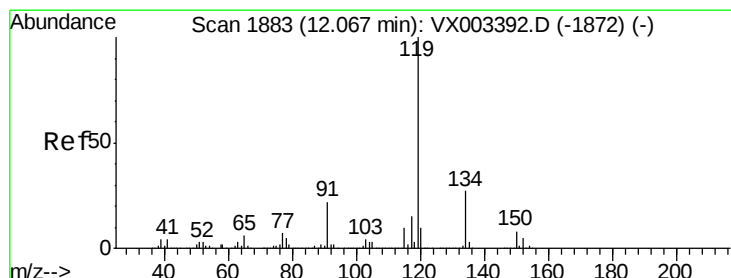
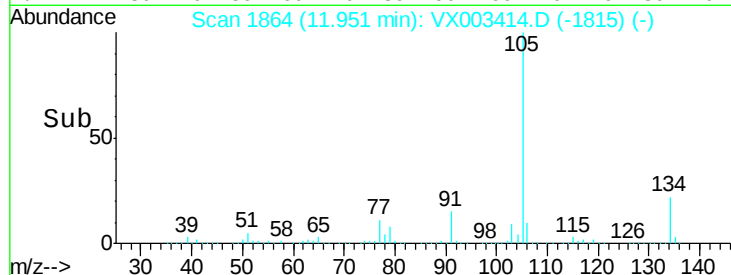
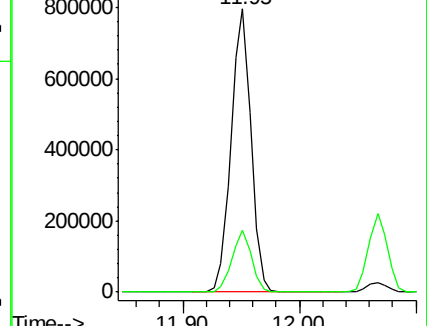
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.20 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003414.D

Acq: 17 Jul 2018 08:09

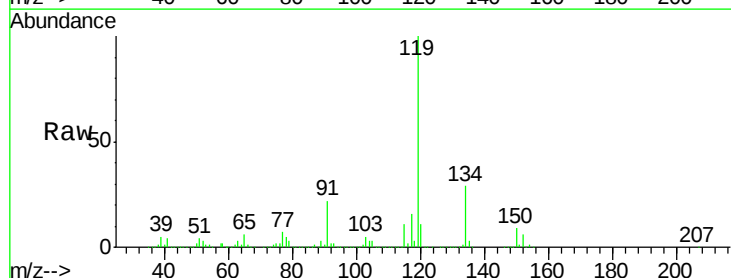
Tgt Ion:119 Resp: 896745

Ion Ratio Lower Upper

119 100

134 28.0 13.4 40.1

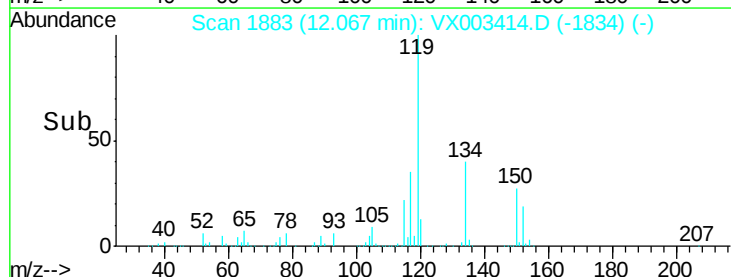
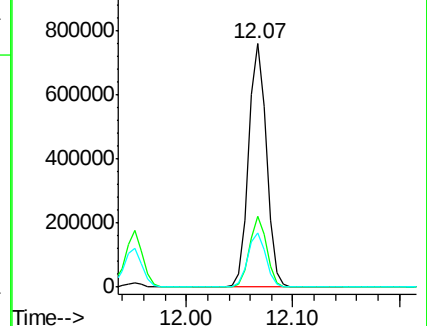
91 22.5 11.9 35.7

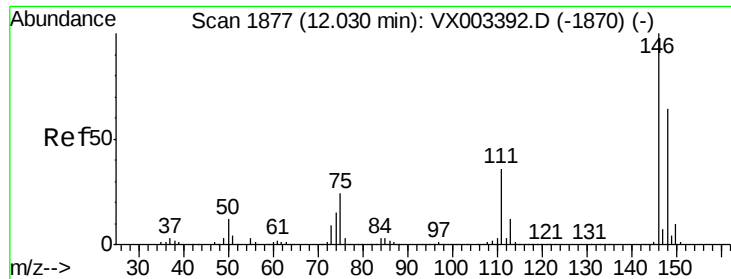


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





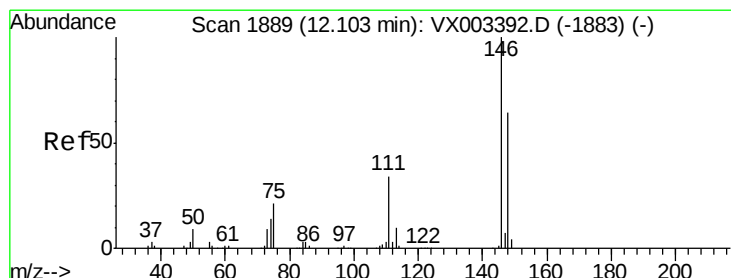
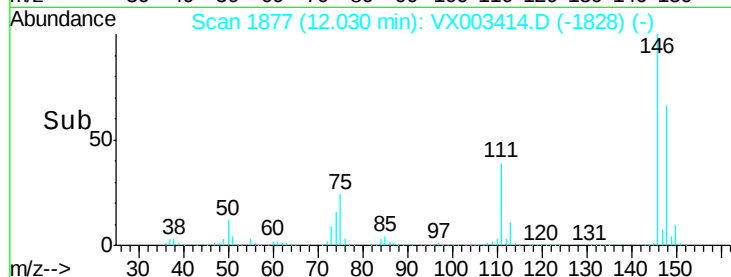
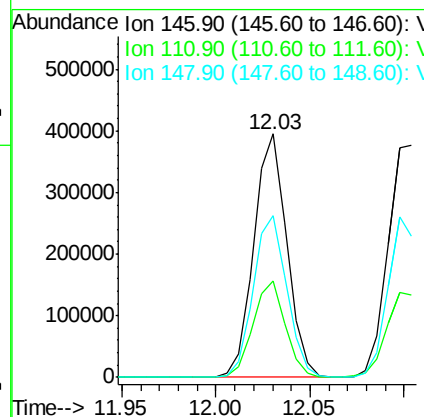
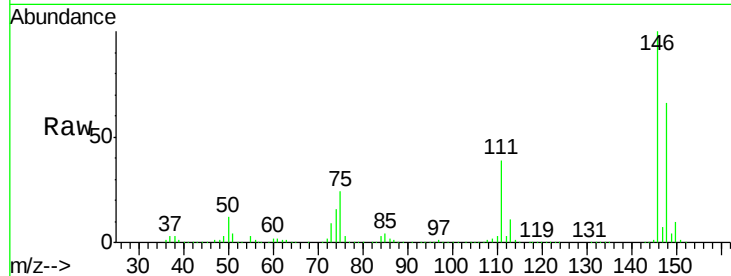
#87
 1,3-Dichlorobenzene
 Concen: 49.04 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.7
148	67.4	32.1	96.3

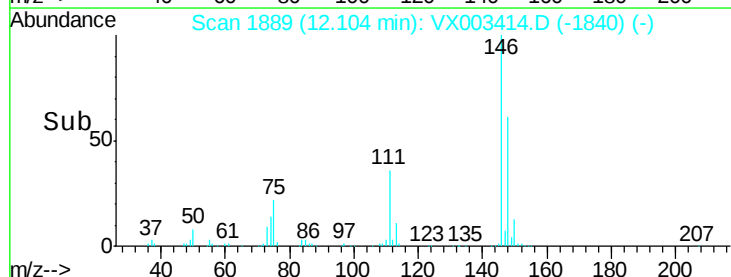
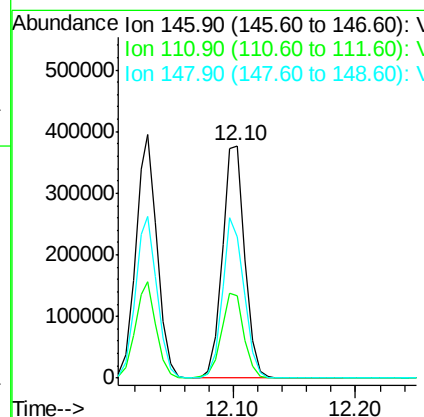
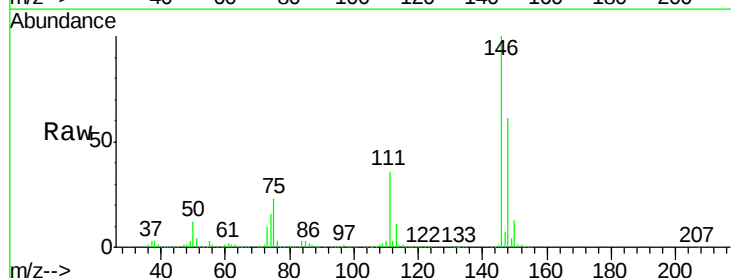
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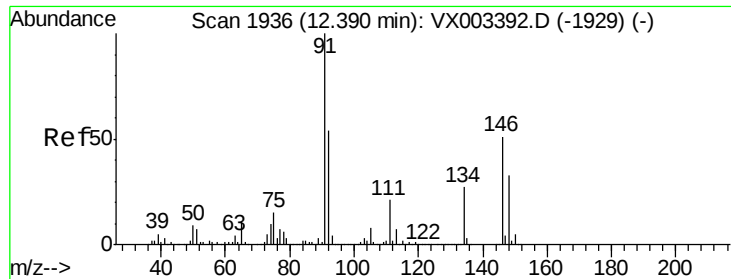
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#88
 1,4-Dichlorobenzene
 Concen: 48.28 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	66.6	32.4	97.0





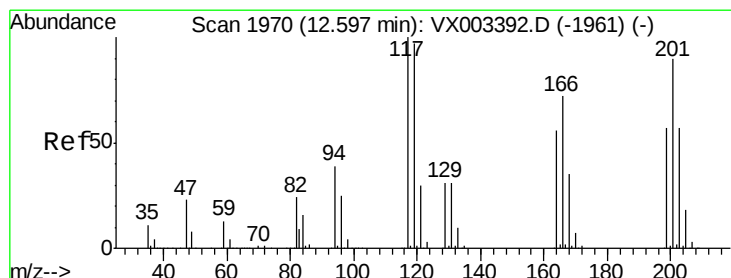
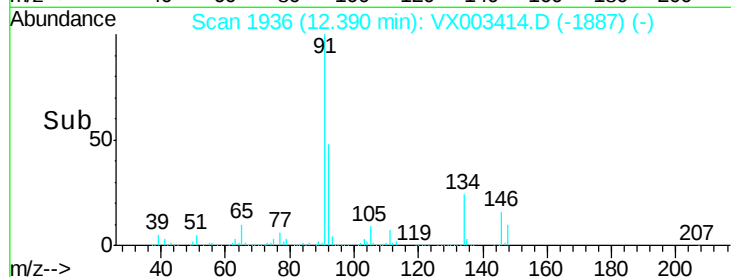
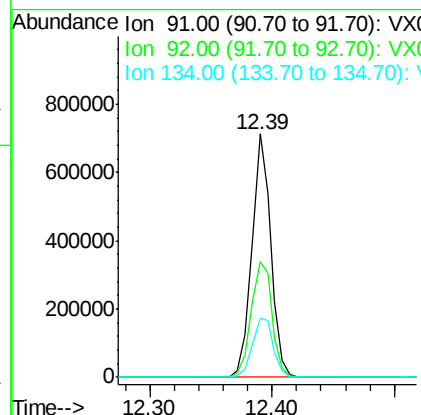
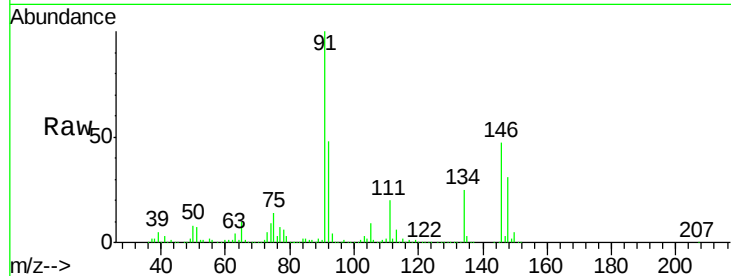
#89
n-Butylbenzene
Concen: 55.37 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	27.0	13.5	40.5

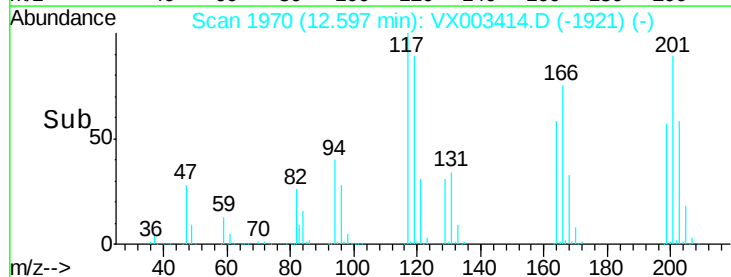
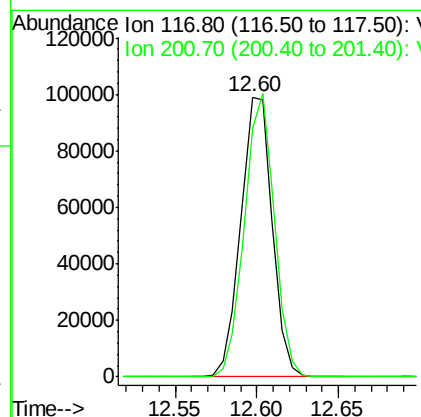
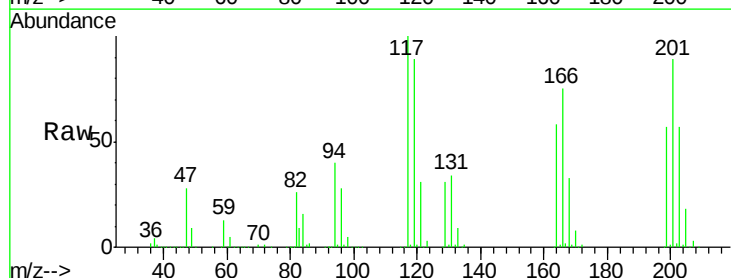
Manual Integrations
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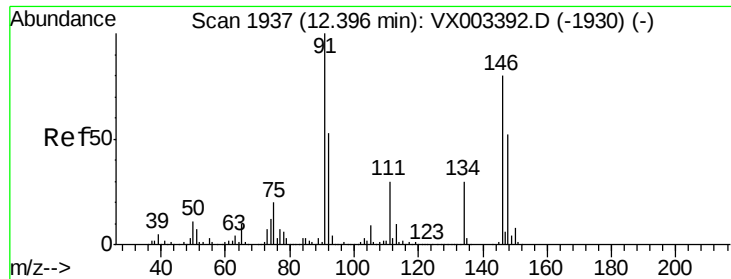
MMDadoda
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#90
Hexachloroethane
Concen: 54.13 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.5	49.0	147.0





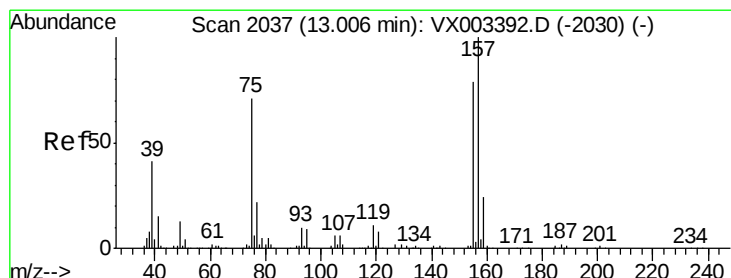
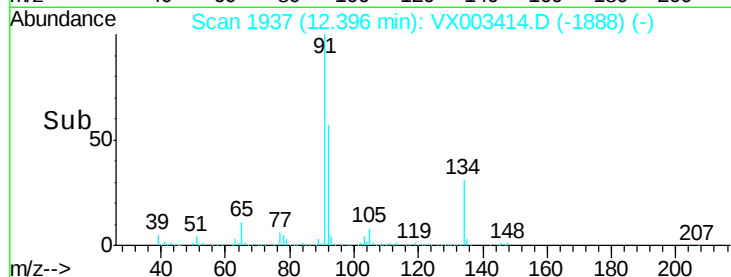
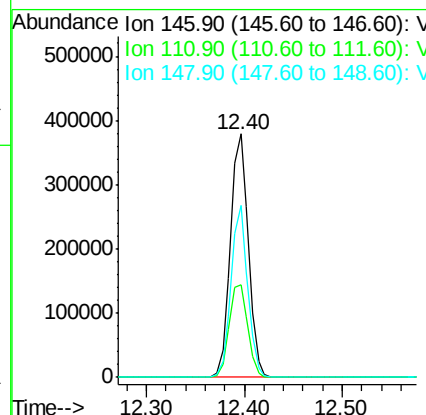
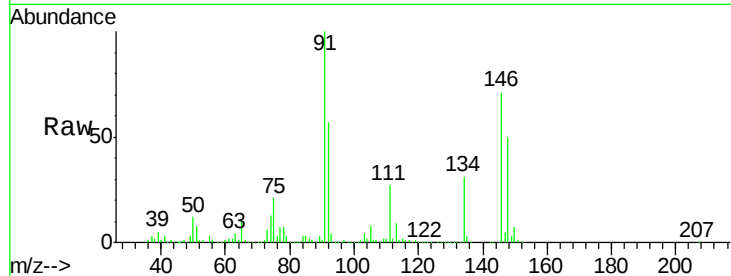
#91
 1,2-Dichlorobenzene
 Concen: 48.85 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.1
148	65.7	31.7	95.1

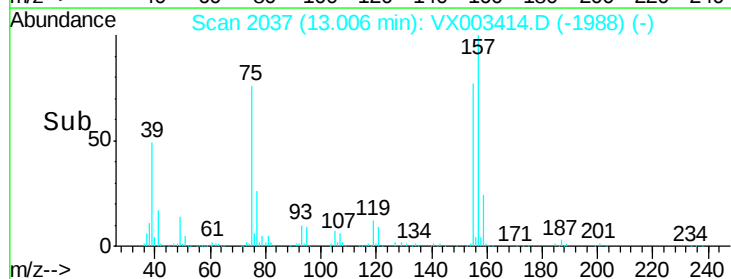
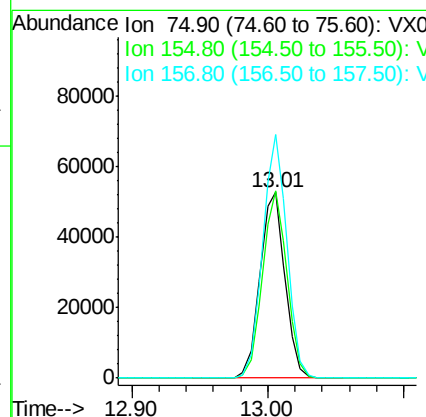
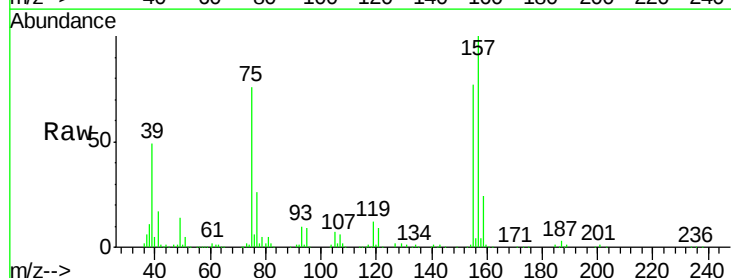
Manual Integrations
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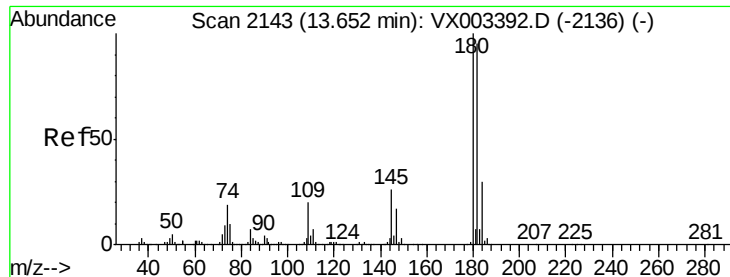
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.27 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	45.8	137.4
157	127.5	60.1	180.3





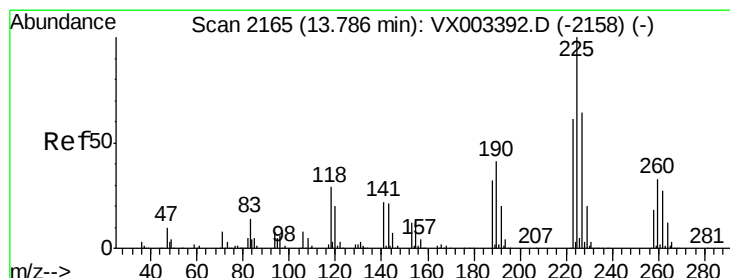
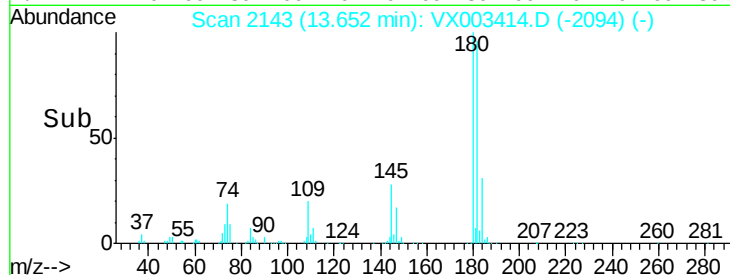
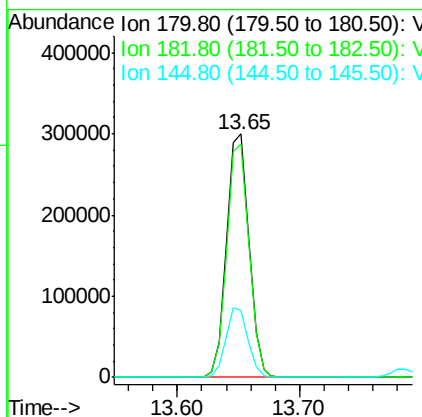
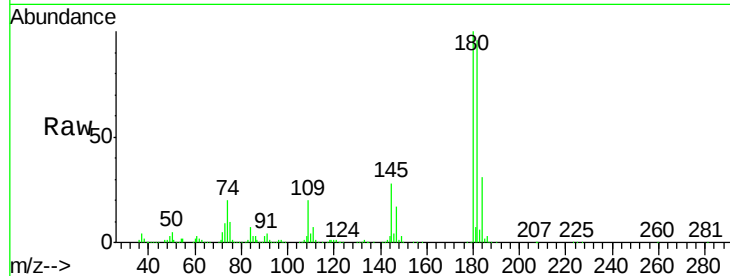
#93
 1,2,4-Trichlorobenzene
 Concen: 56.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.7	143.1
145	28.3	14.1	42.4

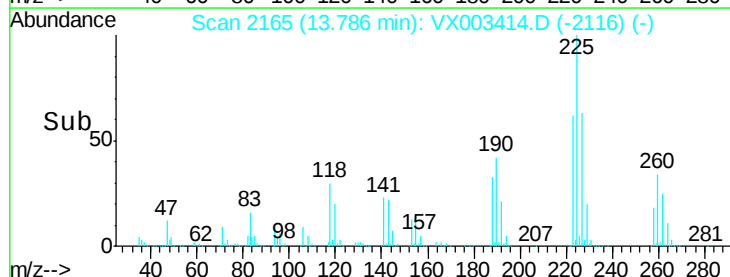
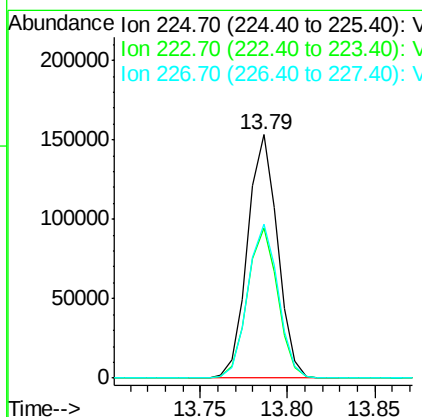
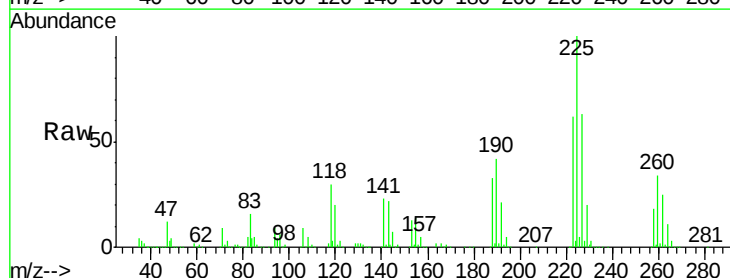
Manual Integrations
 APPROVED

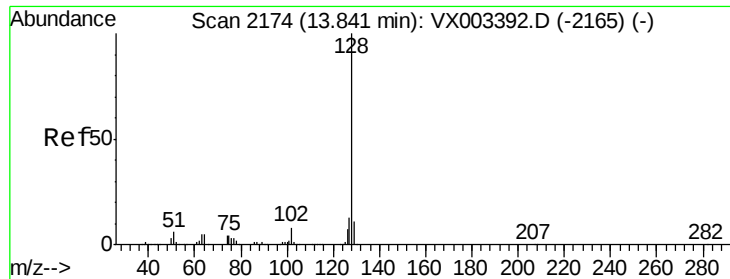
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#94
 Hexachlorobutadiene
 Concen: 56.43 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003414.D
 Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.6	95.0
227	64.1	32.4	97.2





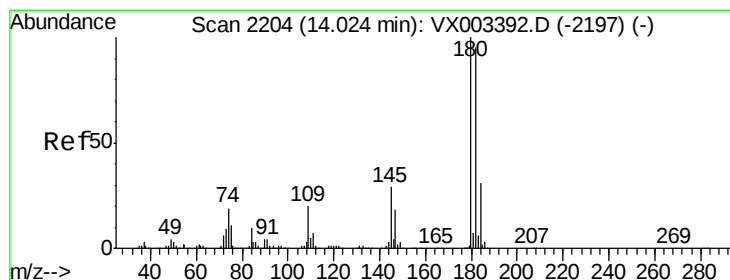
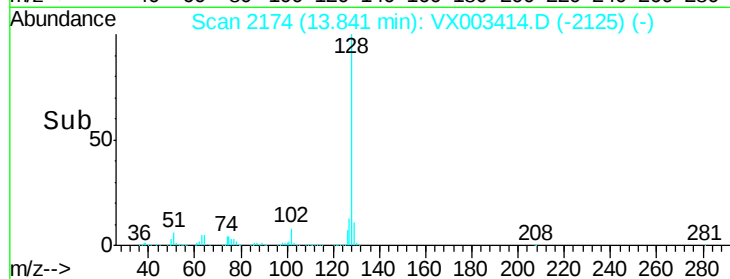
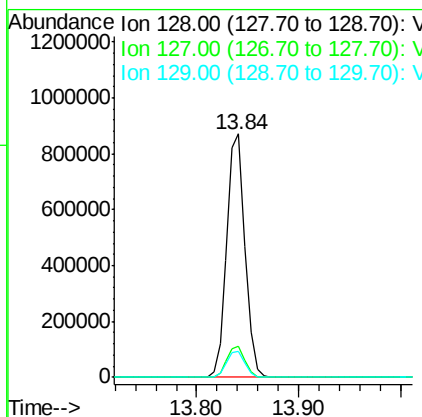
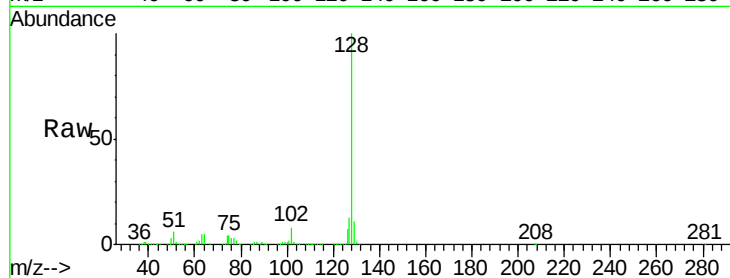
#95
Naphthalene
Concen: 55.54 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.74 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003414.D
Acq: 17 Jul 2018 08:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	48.0	144.0
145	29.5	14.8	44.3

