

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000794.D
 Acq On : 12 Apr 2018 11:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 4/13/2018 2:57:40 PM

Quant Time: Apr 13 07:05:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	402792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	265266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180109	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	5.51	113	156231	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.72	98	572749	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	235364	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160836	45.79	ug/l	99
3) Chloromethane	1.32	50	121418	40.32	ug/l	100
4) Vinyl Chloride	1.41	62	149760	44.21	ug/l	98
5) Bromomethane	1.64	94	59052	41.89	ug/l	99
6) Chloroethane	1.73	64	88140	42.93	ug/l	100
7) Trichlorofluoromethane	1.93	101	233278	45.64	ug/l	98
8) Diethyl Ether	2.19	74	84031	44.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140609	46.66	ug/l	99
10) Methyl Iodide	2.51	142	68229	32.53	ug/l	97
11) Tert butyl alcohol	3.07	59	147541	211.80	ug/l	99
12) 1,1-Dichloroethene	2.38	96	125873	44.07	ug/l	99
13) Acrolein	2.30	56	39627	117.14	ug/l	100
14) Allyl chloride	2.73	41	230707	43.69	ug/l	100
15) Acrylonitrile	3.15	53	328990	221.52	ug/l	100
16) Acetone	2.45	43	297549	219.91	ug/l	99
17) Carbon Disulfide	2.57	76	360511	41.69	ug/l	100
18) Methyl Acetate	2.78	43	158010	45.13	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	432747	45.49	ug/l	100
20) Methylene Chloride	2.86	84	134359	42.69	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	135760	43.11	ug/l	97
22) Diisopropyl ether	3.87	45	426143	43.91	ug/l	94
23) Vinyl Acetate	3.83	43	1864109	218.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	240396	44.14	ug/l	99
25) 2-Butanone	4.71	43	493507	220.87	ug/l	98
26) 2,2-Dichloropropane	4.59	77	240639	44.52	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	157959	44.20	ug/l	99
28) Bromochloromethane	5.03	49	104670	47.73	ug/l	99
29) Tetrahydrofuran	5.17	42	307392	216.67	ug/l	100
30) Chloroform	5.23	83	260667	45.21	ug/l	100
31) Cyclohexane	5.59	56	229852	44.44	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	245938	44.77	ug/l	100
36) 1,1-Dichloropropene	5.81	75	198021	44.64	ug/l	99
37) Ethyl Acetate	4.87	43	194994	45.03	ug/l	100
38) Carbon Tetrachloride	5.79	117	226556	45.63	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	250074	46.94	ug/l	100
40) Benzene	6.15	78	566378	45.95	ug/l	100
41) Methacrylonitrile	5.07	41	114300	45.69	ug/l	100
42) 1,2-Dichloroethane	6.20	62	211456	45.93	ug/l	99
43) Isopropyl Acetate	6.47	43	334471	45.05	ug/l	100
44) Trichloroethene	7.22	130	178882	46.66	ug/l	96
45) 1,2-Dichloropropane	7.52	63	146086	46.54	ug/l	96
46) Dibromomethane	7.67	93	100812	46.07	ug/l	99
47) Bromodichloromethane	7.90	83	205467	46.52	ug/l	98
48) Methyl methacrylate	7.78	41	175446	45.59	ug/l	99
49) 1,4-Dioxane	7.76	88	67585	873.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	993368	227.77	ug/l	100
52) Toluene	8.79	92	373950	45.73	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	250468	47.28	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	240211	46.57	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	149599	46.08	ug/l	99
56) Ethyl methacrylate	9.19	69	229909	45.91	ug/l	99
57) 1,3-Dichloropropane	9.38	76	242237	46.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	545726	233.24	ug/l	100
59) 2-Hexanone	9.51	43	772701	229.50	ug/l	100
60) Dibromochloromethane	9.59	129	181825	46.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159773	46.39	ug/l	99
64) Tetrachloroethene	9.34	164	176278	47.11	ug/l	99
65) Chlorobenzene	10.15	112	445875	46.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	168642	46.54	ug/l	100
67) Ethyl Benzene	10.26	91	745200	46.43	ug/l	100
68) m/p-Xylenes	10.37	106	589379	93.03	ug/l	100
69) o-Xylene	10.71	106	284383	46.57	ug/l	100
70) Styrene	10.72	104	480168	46.64	ug/l	100
71) Bromoform	10.87	173	157408	46.92	ug/l	99
73) Isopropylbenzene	11.02	105	777989	46.23	ug/l	100
74) N-amyl acetate	6.47	43	334471	44.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	218784	44.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	209741m	45.85	ug/l	
77) Bromobenzene	11.26	156	222604	45.14	ug/l	100
78) n-propylbenzene	11.37	91	888542	46.16	ug/l	100
79) 2-Chlorotoluene	11.43	91	514543	45.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	665360	45.97	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74218	44.63	ug/l	100
82) 4-Chlorotoluene	11.52	91	624292	45.46	ug/l	100
83) tert-Butylbenzene	11.77	119	684123	46.20	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	683984	45.78	ug/l	100
85) sec-Butylbenzene	11.95	105	806635	46.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	754503	46.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	415830	45.55	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	423404	45.26	ug/l	100
89) n-Butylbenzene	12.40	91	673647	46.86	ug/l	100
90) Hexachloroethane	12.60	117	127562	46.28	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	404148	45.86	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52297	42.74	ug/l	99

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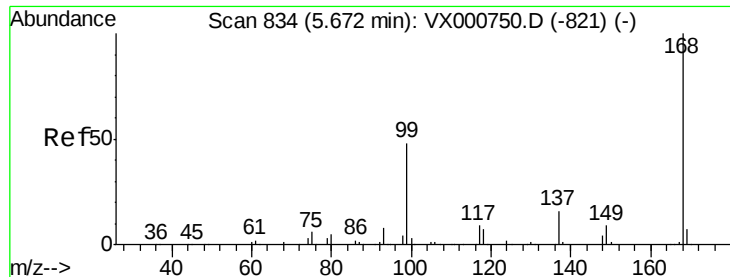
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	348463	46.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	182336	49.31	ug/l	100
95) Naphthalene	13.84	128	888289	46.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	340547	46.63	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000794.D

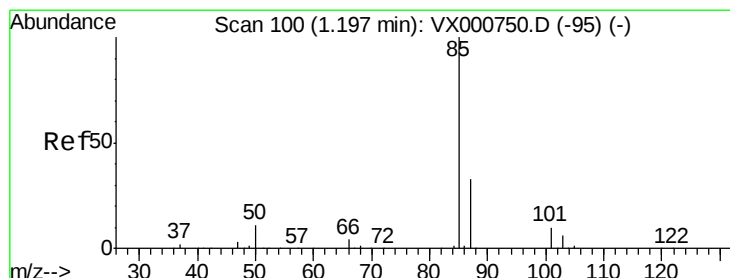
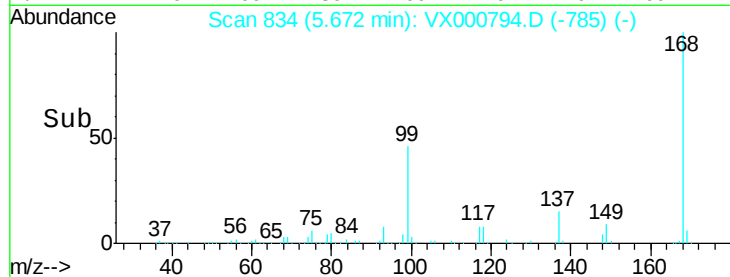
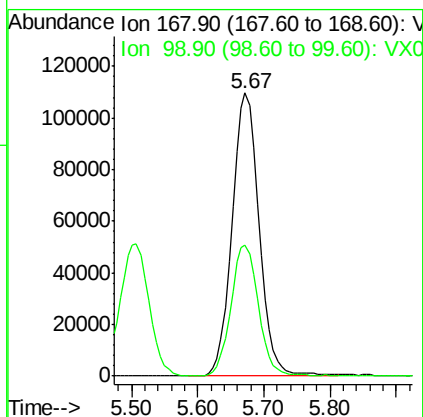
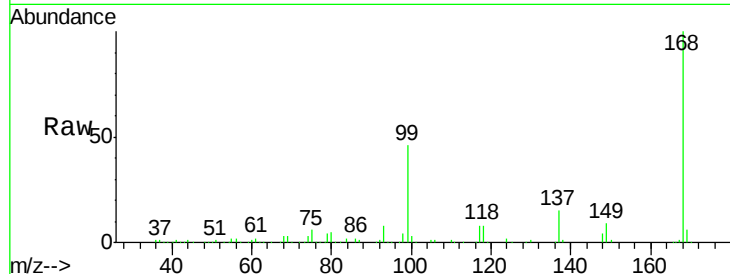
Acq: 12 Apr 2018 11:09

Tot Ion:	168	Resp:	311177
Ion Ratio	Lower	Upper	
168	100		
99	46.0	38.3	57.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 45.79 ug/l

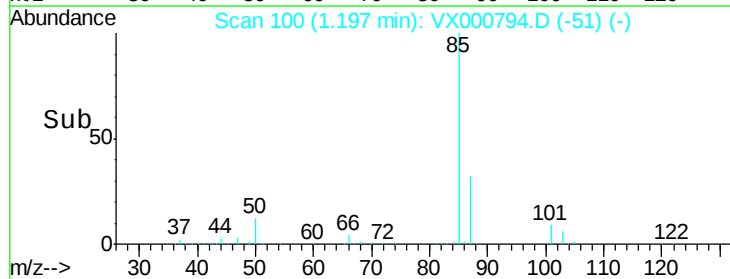
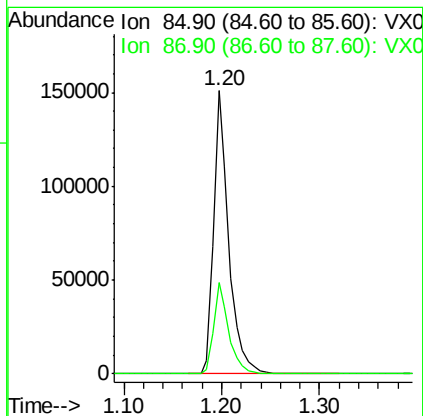
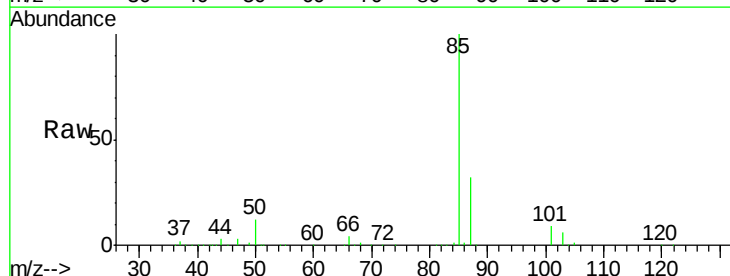
RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion:	85	Resp:	160836
Ion Ratio	Lower	Upper	
85	100		
87	32.1	16.3	48.8





#3

Chloromethane

Concen: 40.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 121418

Ion Ratio Lower Upper

50 100

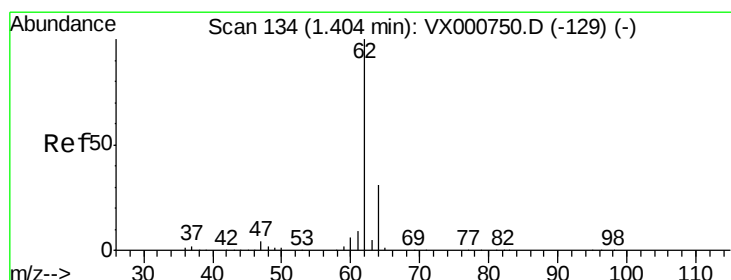
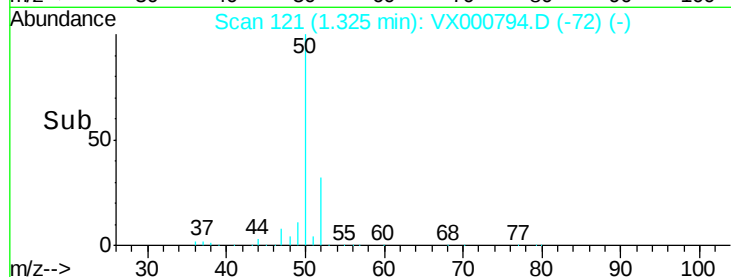
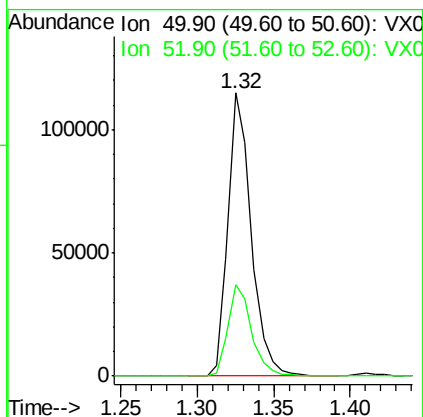
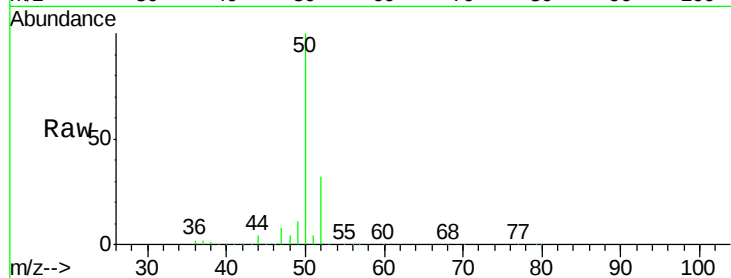
52 32.3 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.21 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000794.D

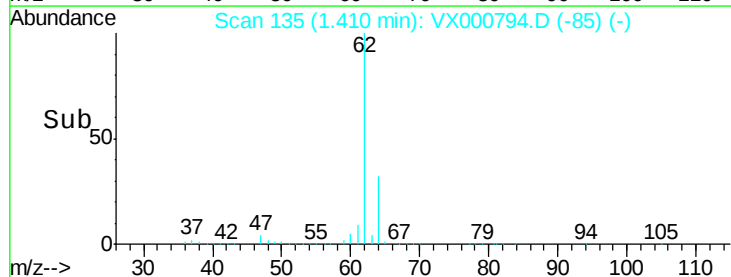
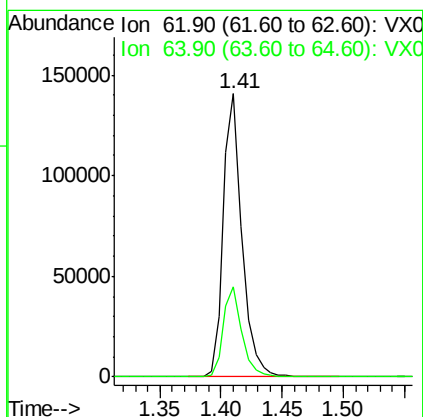
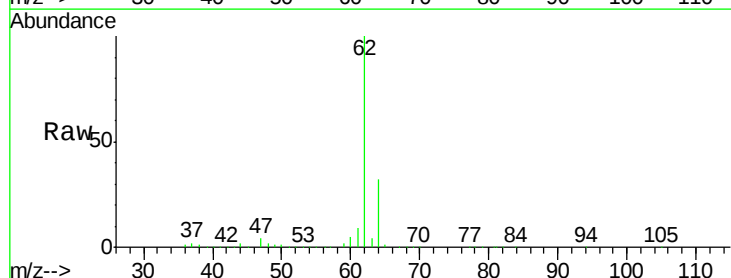
Acq: 12 Apr 2018 11:09

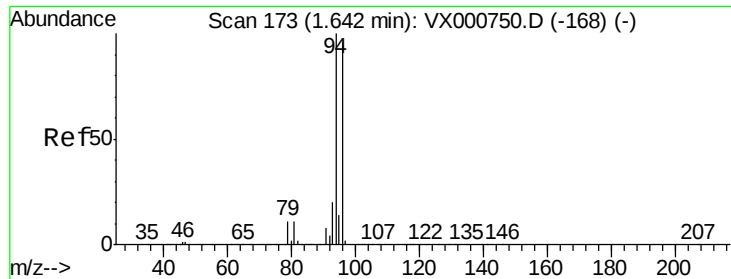
Tgt Ion: 62 Resp: 149760

Ion Ratio Lower Upper

62 100

64 31.9 24.6 36.8





#5

Bromomethane

Concen: 41.89 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59052

Ion Ratio Lower Upper

94 100

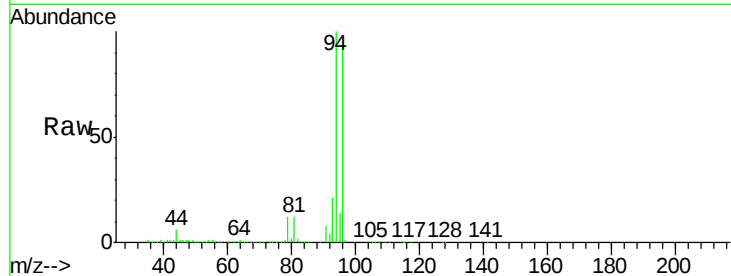
96 94.8 77.0 115.6

Manual Integrations

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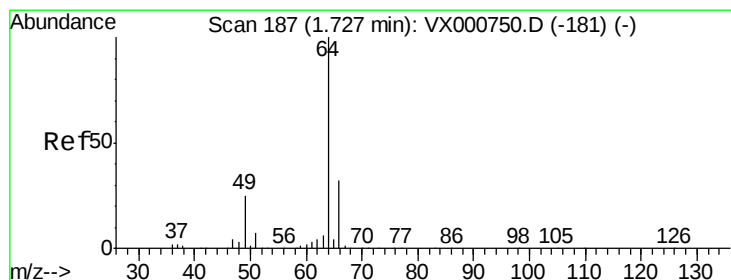
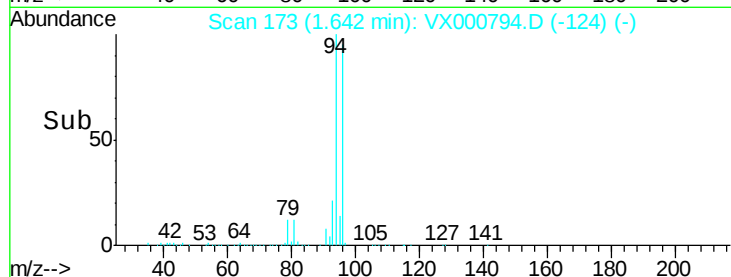
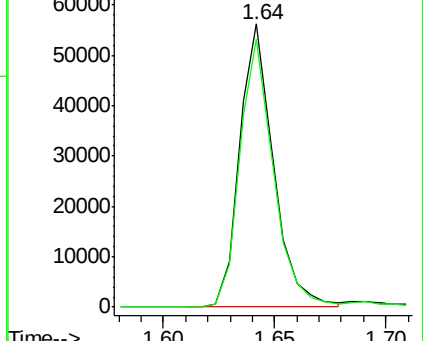
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.93 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000794.D

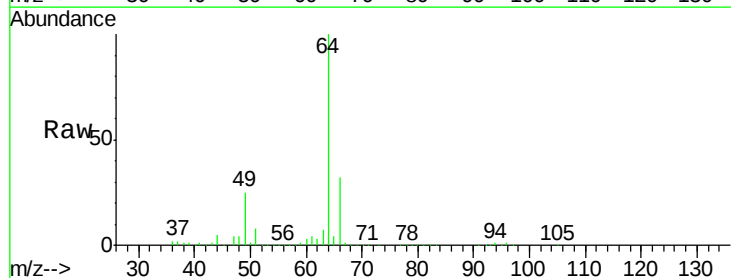
Acq: 12 Apr 2018 11:09

Tgt Ion: 64 Resp: 88140

Ion Ratio Lower Upper

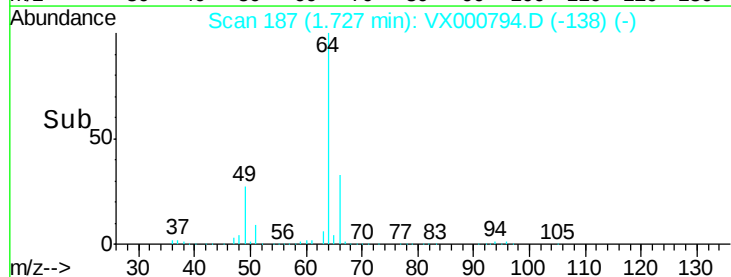
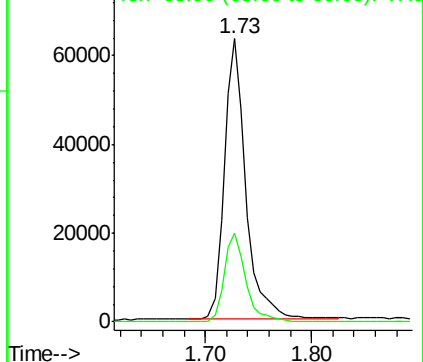
64 100

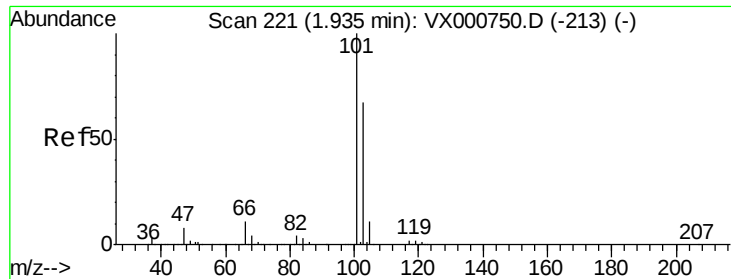
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

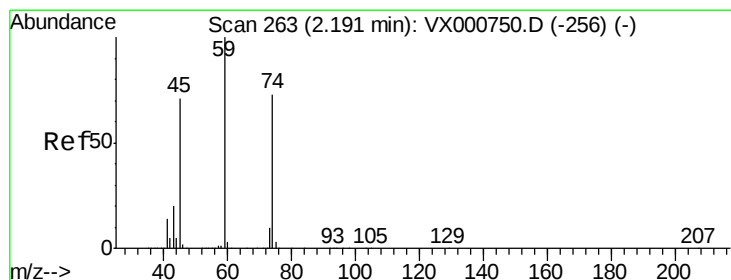
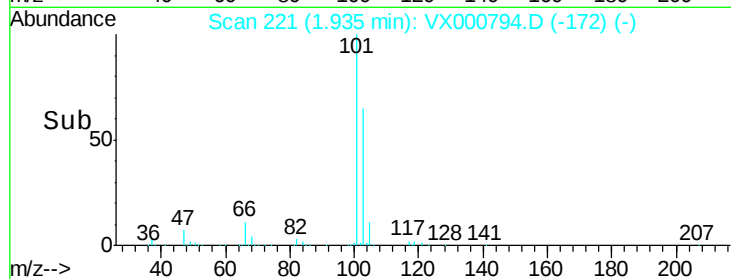
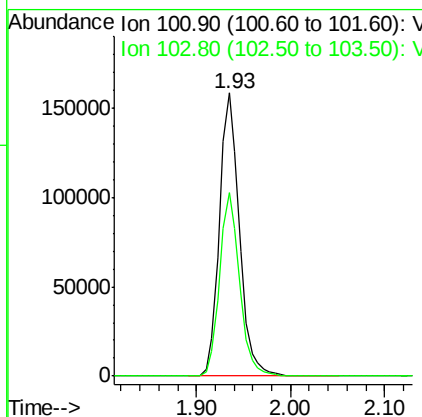
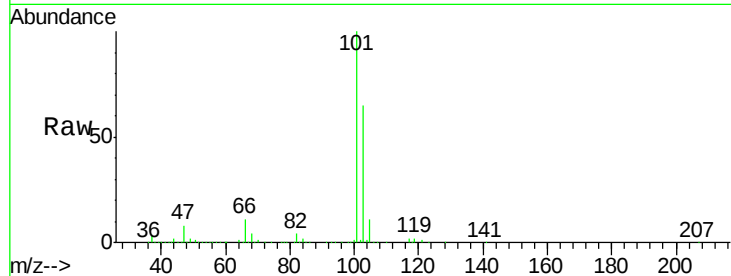
Trichlorofluoromethane
 Concen: 45.64 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	53.2	79.8

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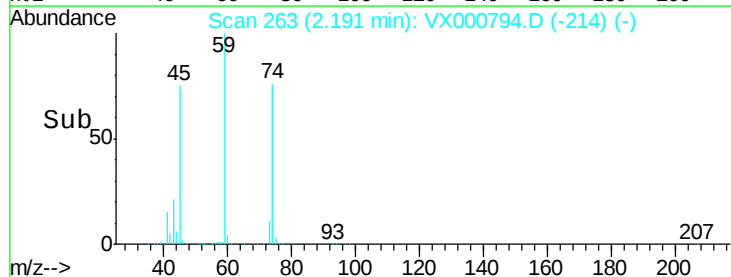
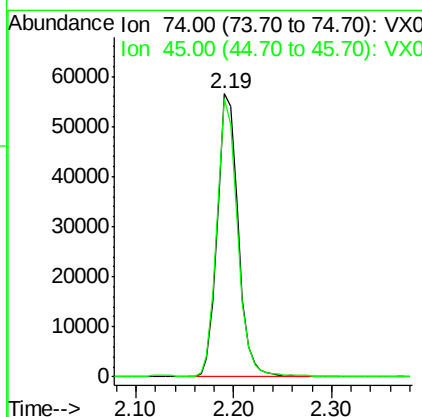
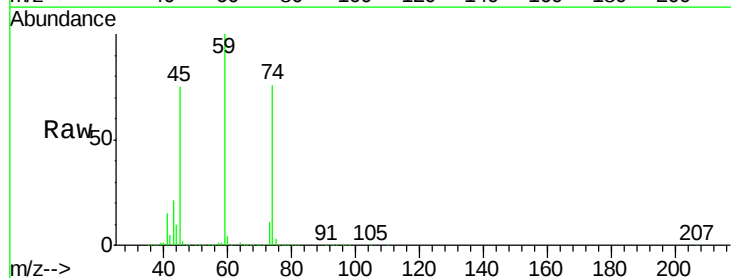
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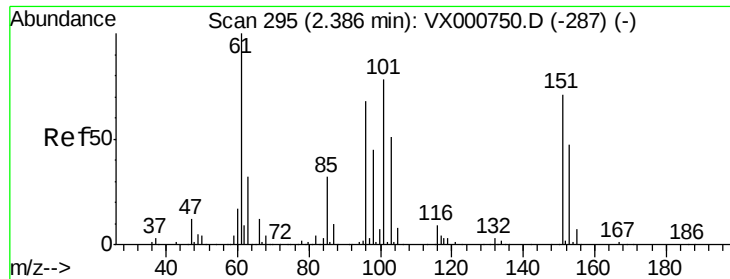


#8

Diethyl Ether
 Concen: 44.01 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.66 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

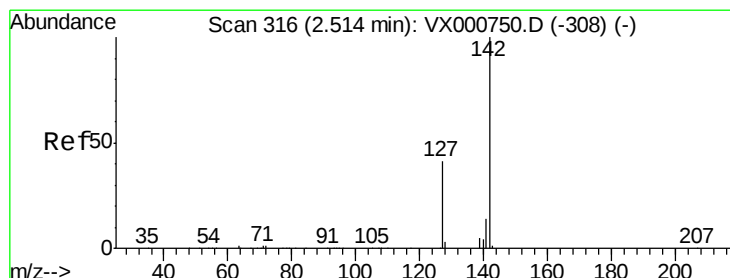
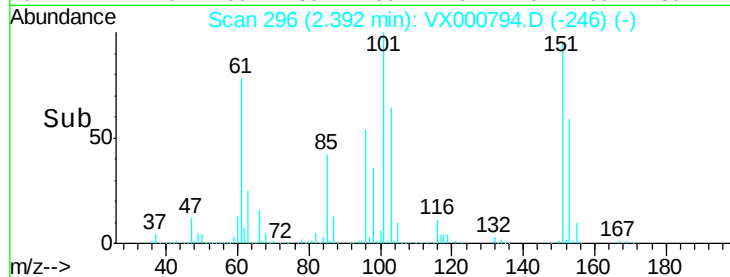
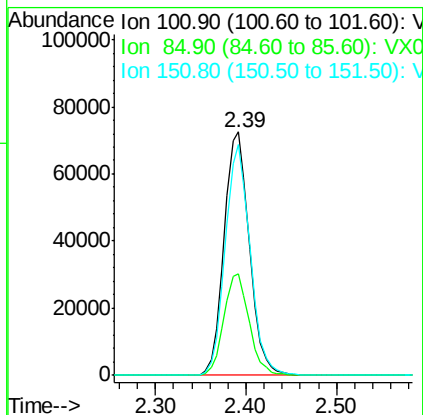
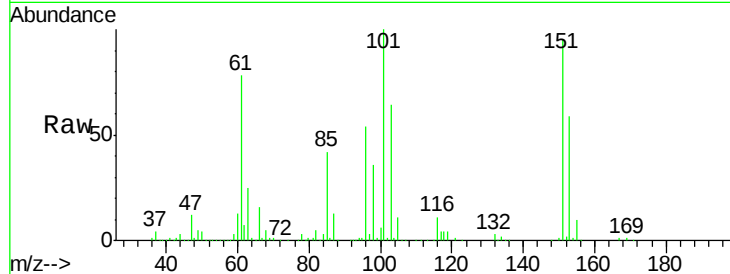
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	140609
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.0	51.0
151	93.4	75.8	113.8

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#10

Methyl Iodide

Concen: 32.53 ug/l

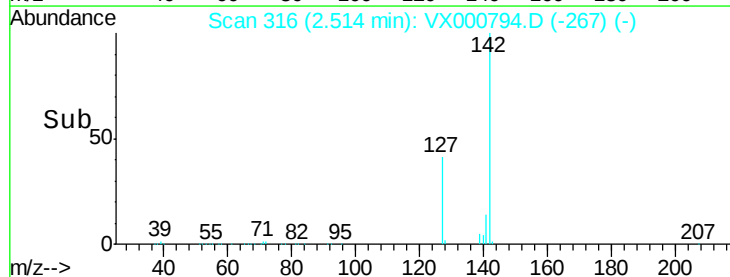
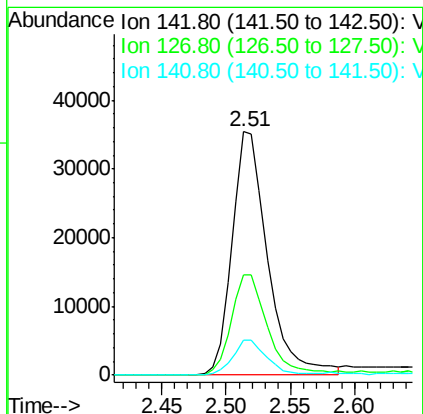
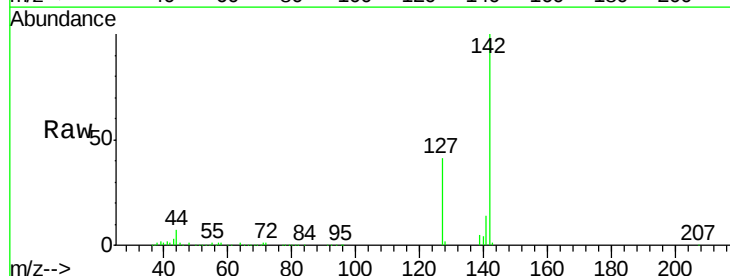
RT: 2.51 min Scan# 316

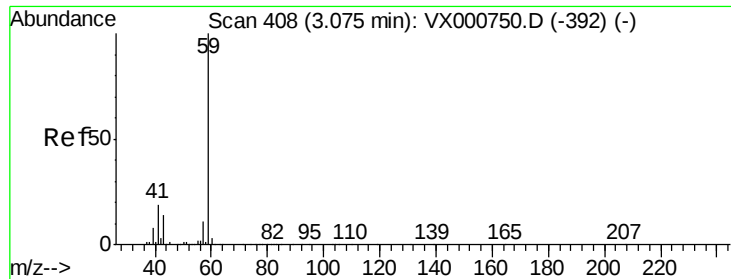
Delta R.T. 0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion:	142	Resp:	68229
Ion Ratio	Lower	Upper	
142	100		
127	43.1	32.6	49.0
141	14.0	11.5	17.3





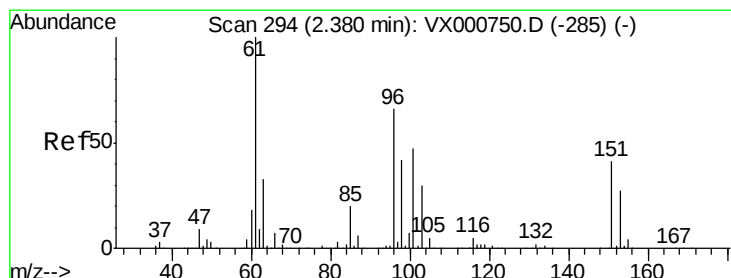
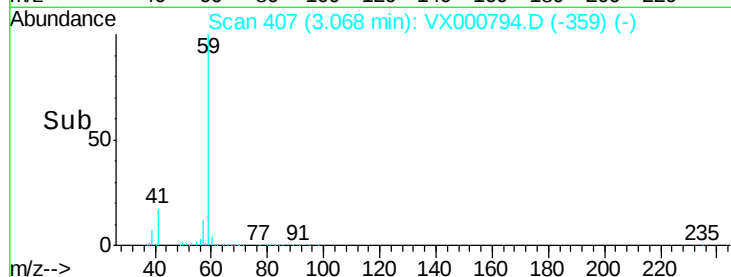
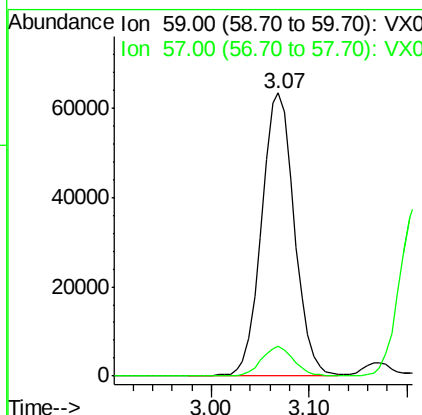
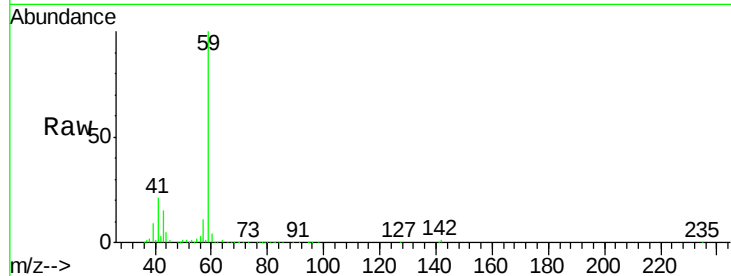
#11
Tert butyl alcohol
Concen: 211.80 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	10.1	Resp	147541	Lower	8.4	Upper	12.6
Ion											

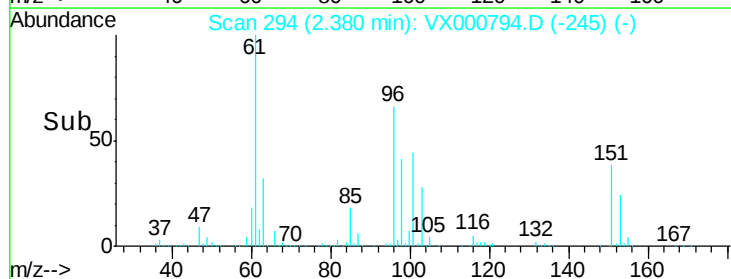
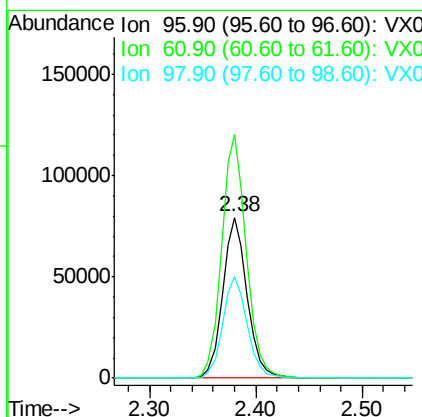
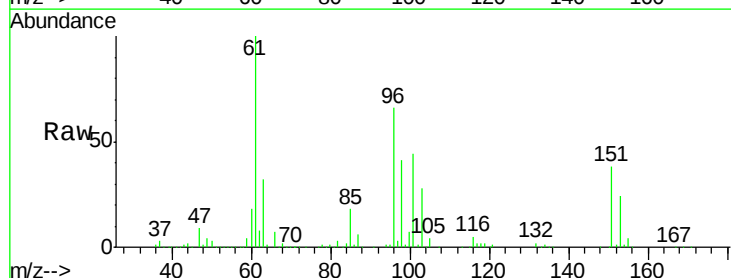
Manual Integrations
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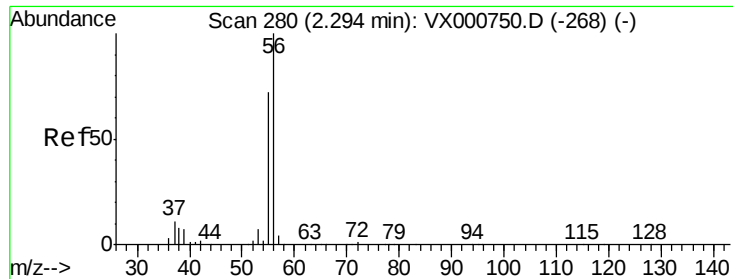
apatel
4/13/2018 2:57:40 PM



#12
1,1-Dichloroethene
Concen: 44.07 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	96	61	98	Ratio	100	151.8	63.0	Resp	125873	Lower	120.5	Upper	180.7	76.3
Ion														





#13

Acrolein

Concen: 117.14 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 39627

Ion Ratio Lower Upper

56 100

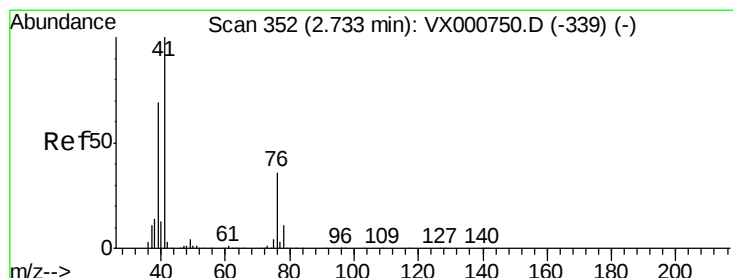
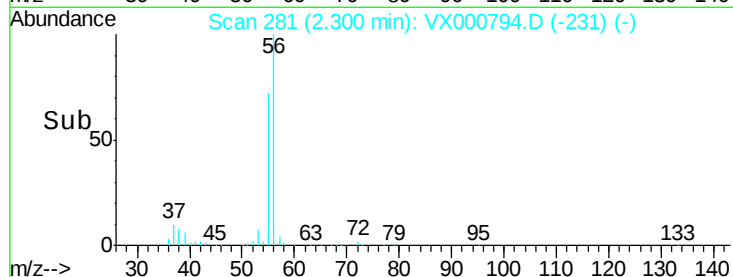
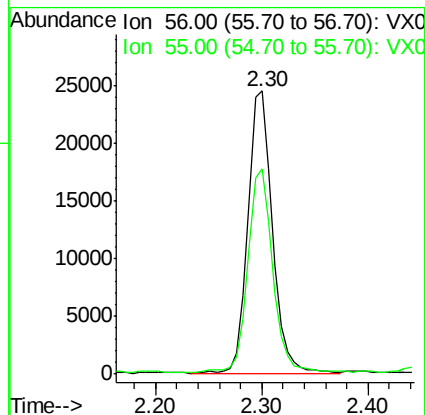
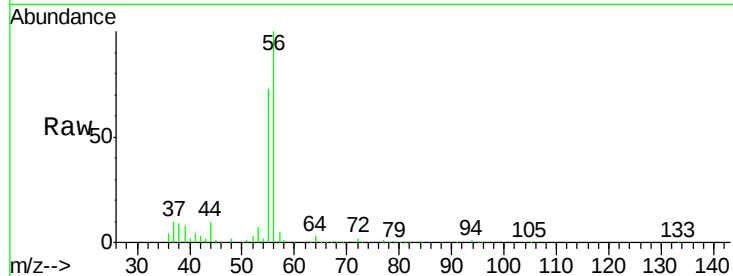
55 73.2 58.7 88.1

Manual Integrations

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#14

Allyl chloride

Concen: 43.69 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

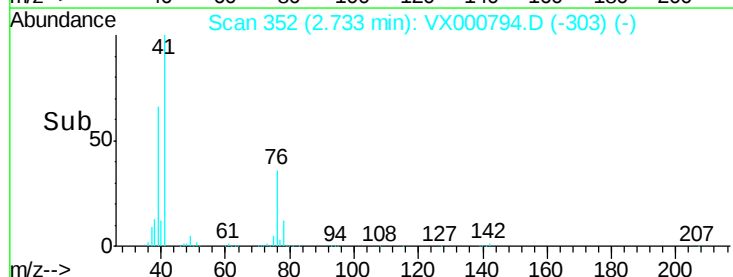
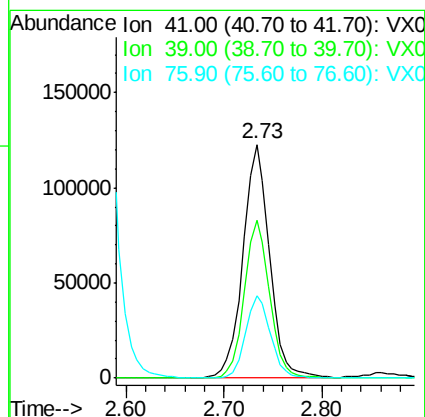
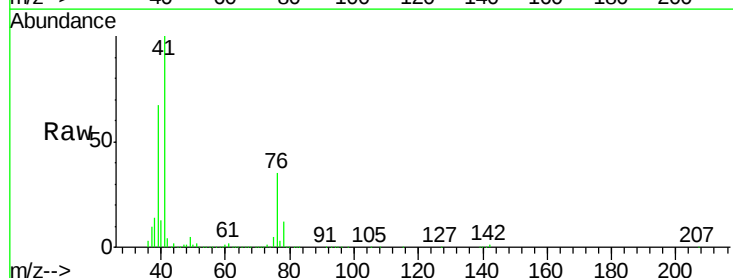
Tgt Ion: 41 Resp: 230707

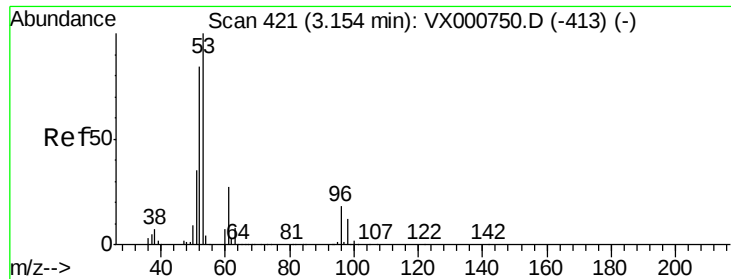
Ion Ratio Lower Upper

41 100

39 64.1 51.5 77.3

76 33.1 26.5 39.7





#15

Acrylonitrile

Concen: 221.52 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

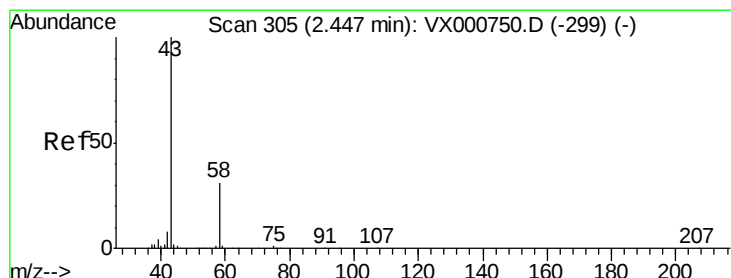
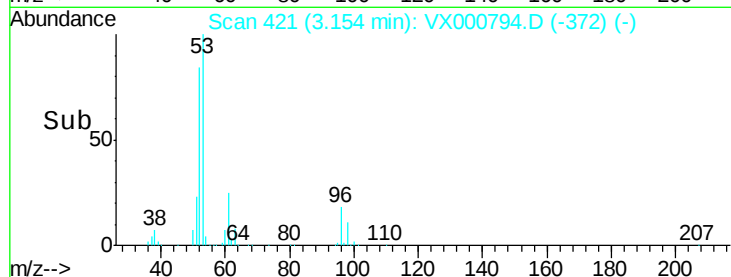
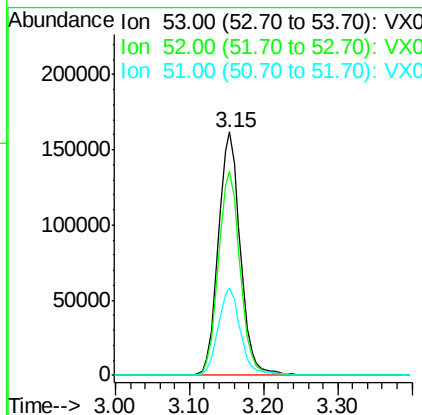
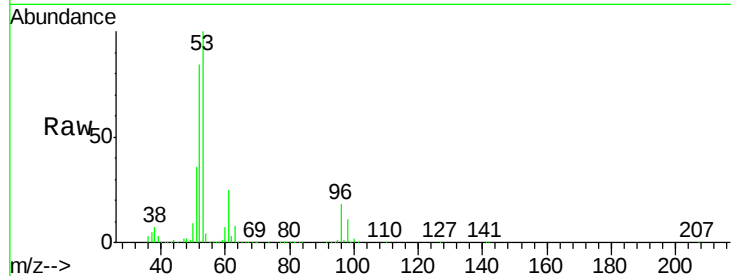
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	328990
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.5	99.7
51	36.5	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 219.91 ug/l

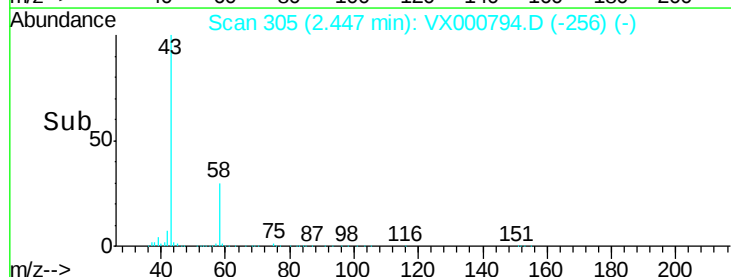
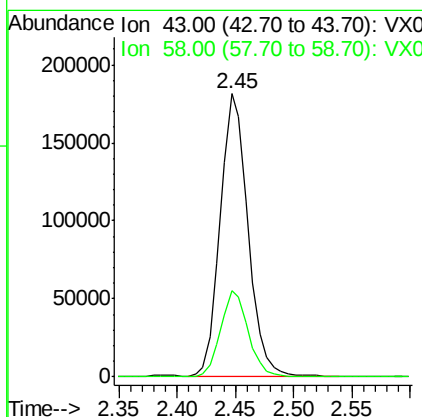
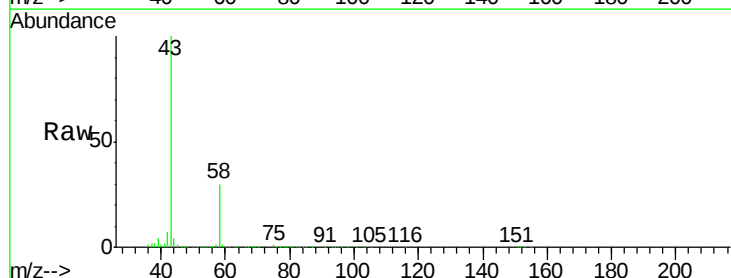
RT: 2.45 min Scan# 305

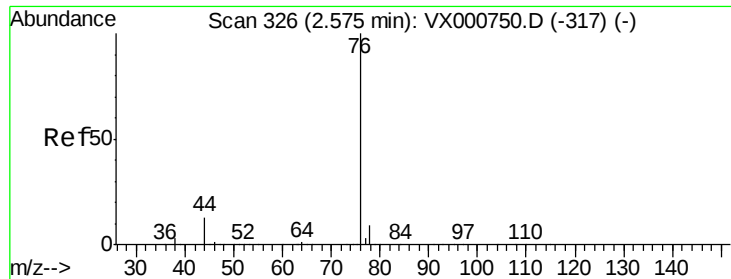
Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion:	43	Resp:	297549
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.6	37.0





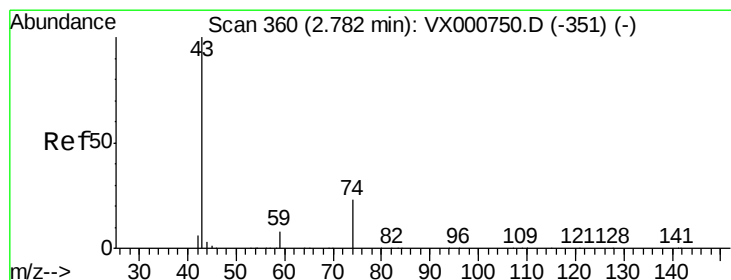
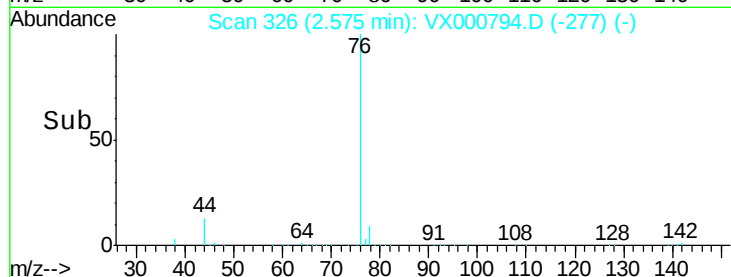
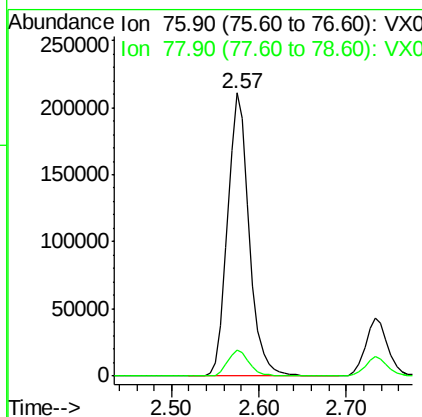
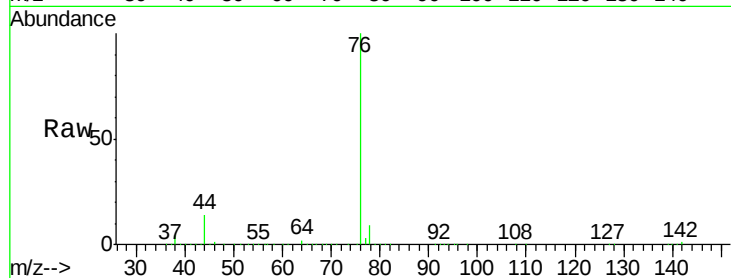
#17
Carbon Disulfide
Concen: 41.69 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

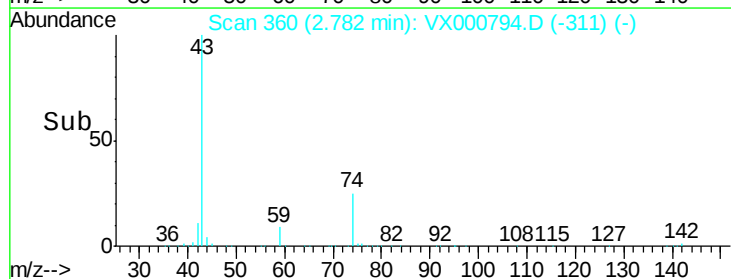
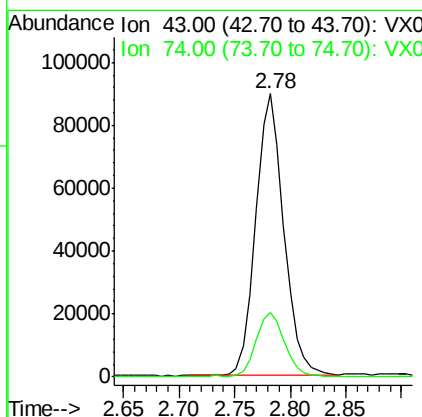
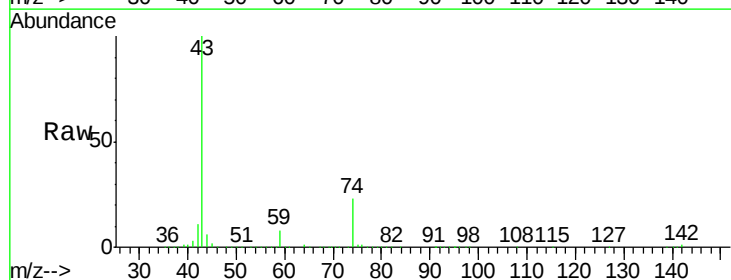
Manual Integrations
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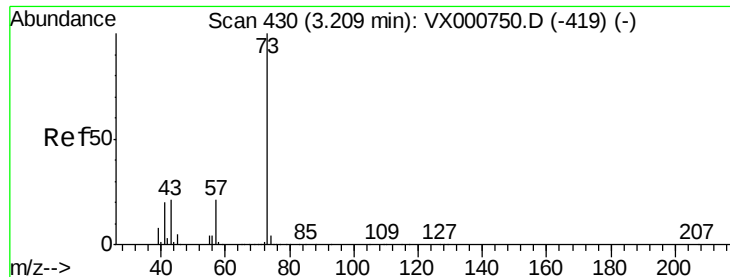
apatel
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#18
Methyl Acetate
Concen: 45.13 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.1	28.7





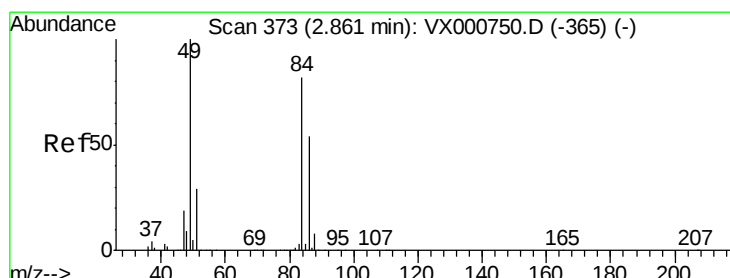
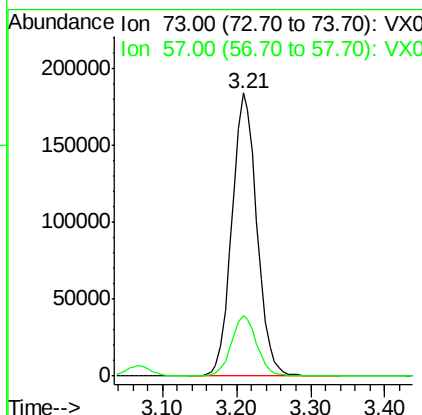
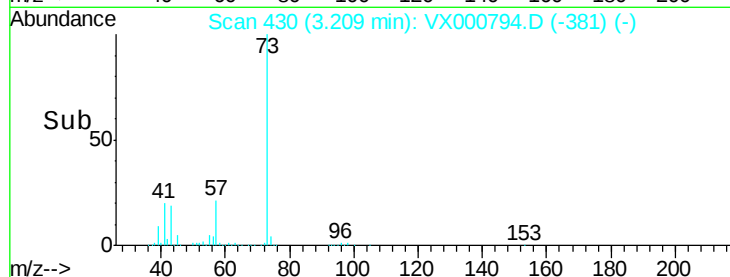
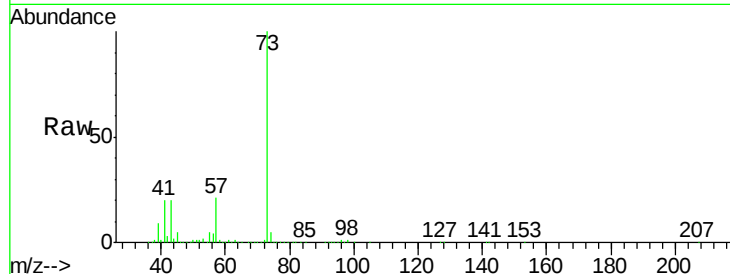
#19
Methvl tert-butvl Ether
Concen: 45.49 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.9	25.3

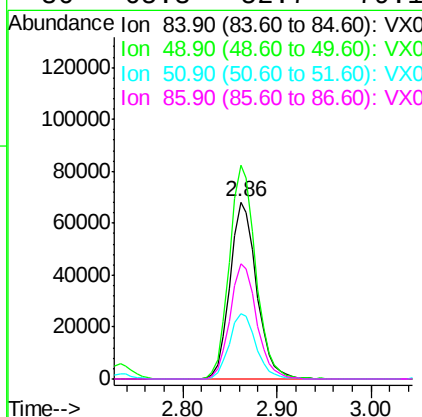
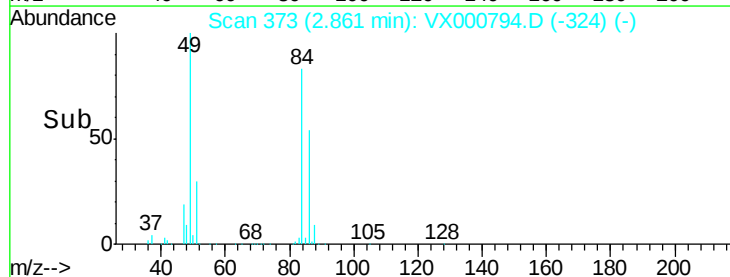
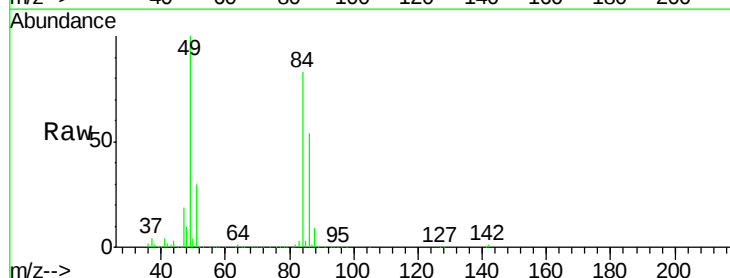
Manual Integrations
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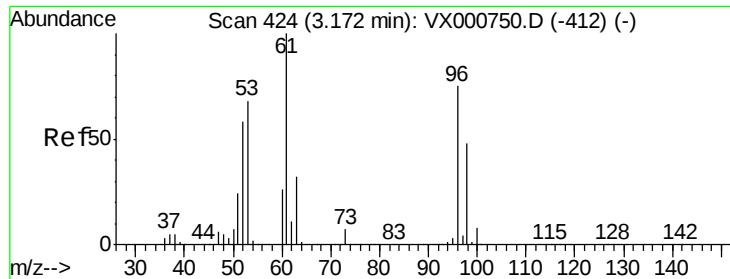
apatel
4/13/2018 2:57:40 PM



#20
Methylene Chloride
Concen: 42.69 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.5	98.1	147.1
51	36.6	28.9	43.3
86	65.3	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 43.11 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

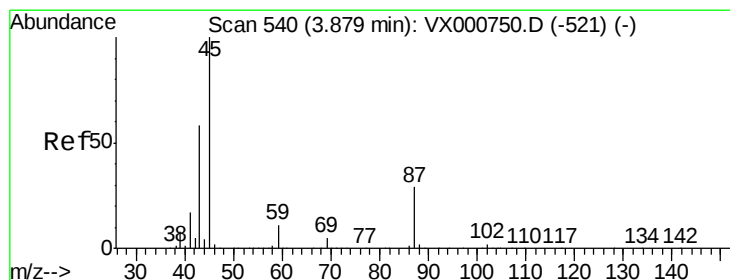
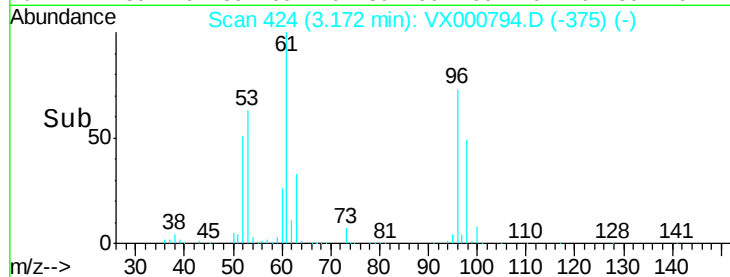
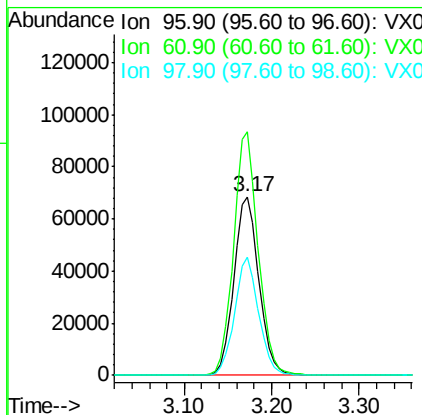
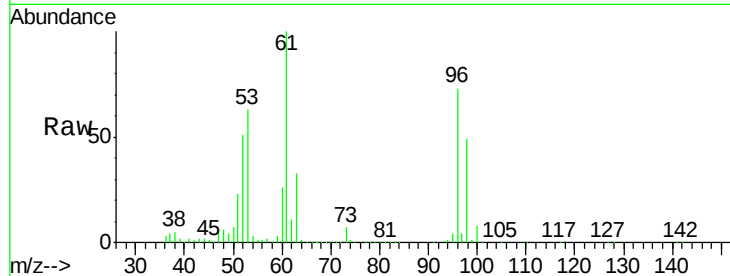
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	135760
Ion	Ratio	Lower	Upper
96	100		
61	136.7	106.2	159.2
98	66.4	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 43.91 ug/l

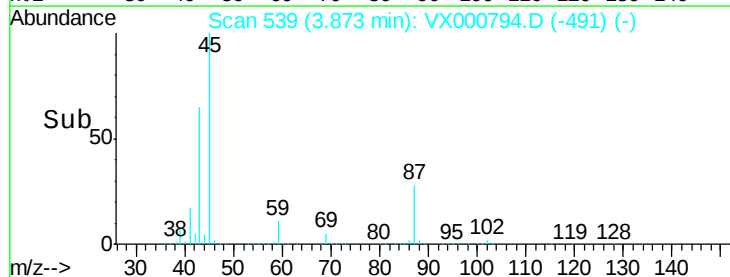
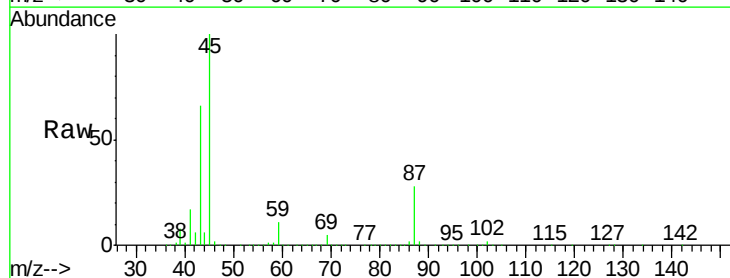
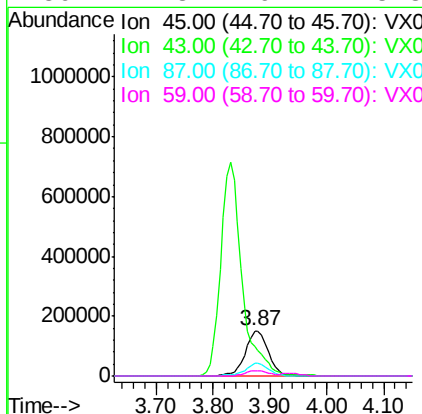
RT: 3.87 min Scan# 539

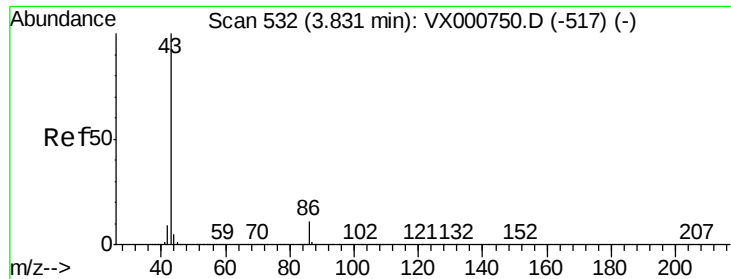
Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion:	45	Resp:	426143
Ion	Ratio	Lower	Upper
45	100		
43	65.4	46.6	69.8
87	28.2	22.9	34.3
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 218.77 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tot Ion: 43 Resp: 1864109

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

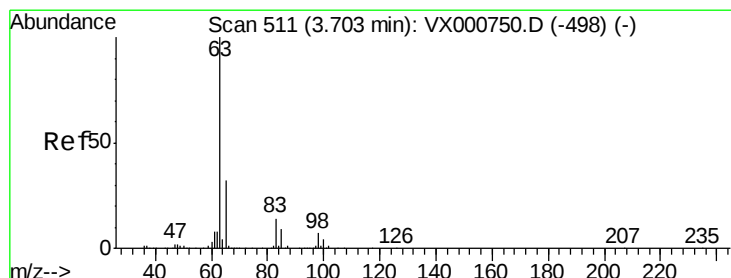
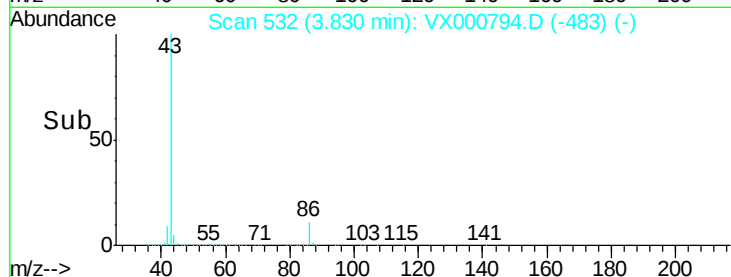
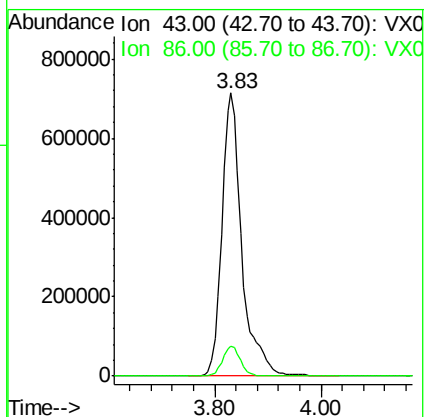
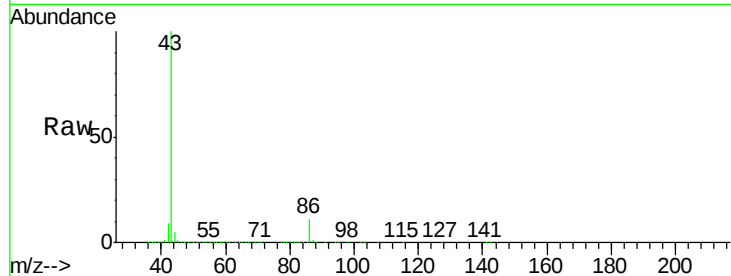
VSTDCCC050

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.14 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

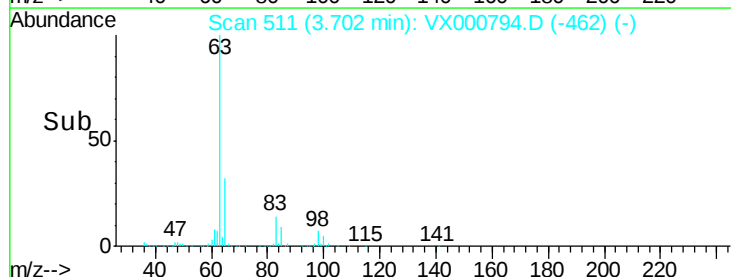
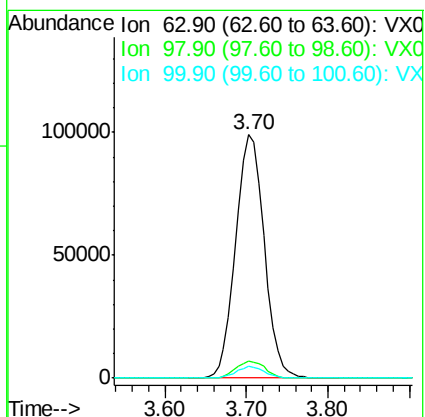
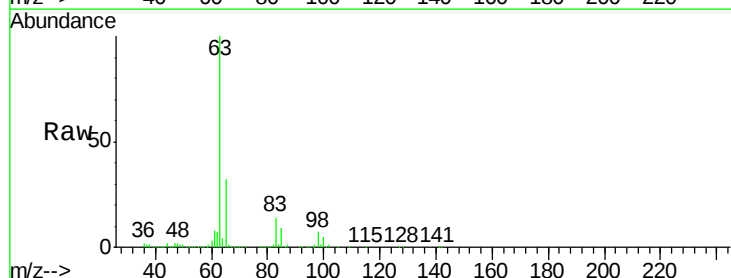
Tgt Ion: 63 Resp: 240396

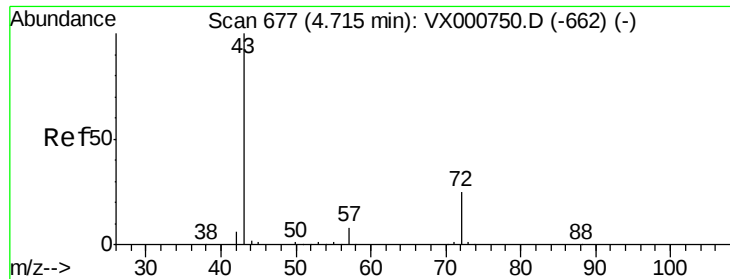
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 220.87 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 493507

Ion Ratio Lower Upper

43 100

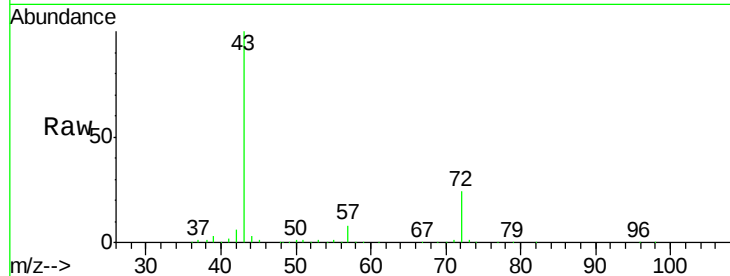
72 24.3 20.3 30.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

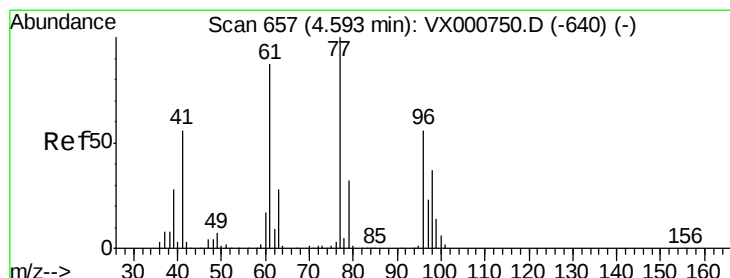
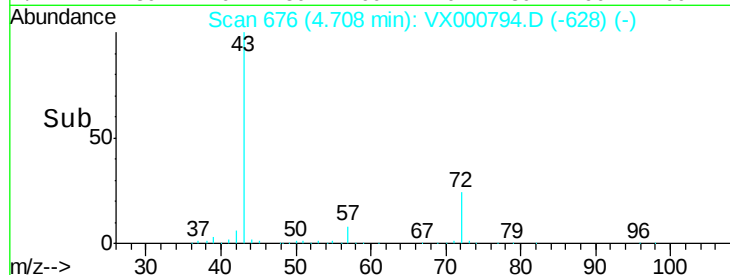
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.52 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000794.D

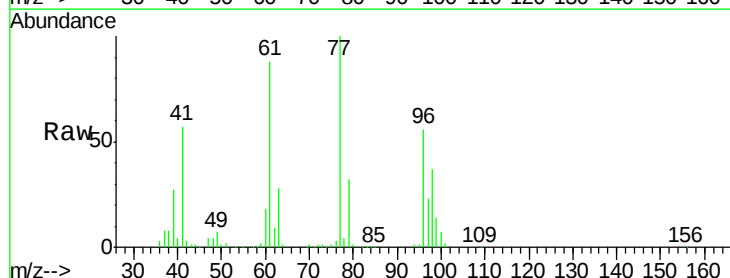
Acq: 12 Apr 2018 11:09

Tgt Ion: 77 Resp: 240639

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

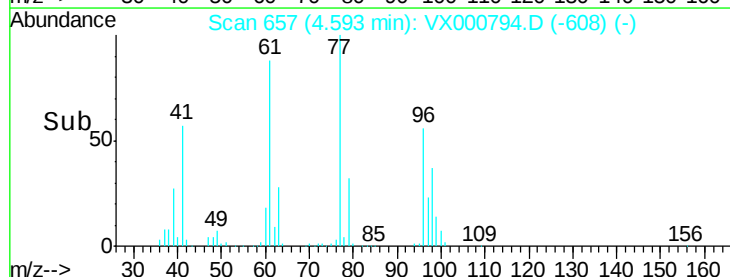
40000

20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 44.20 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

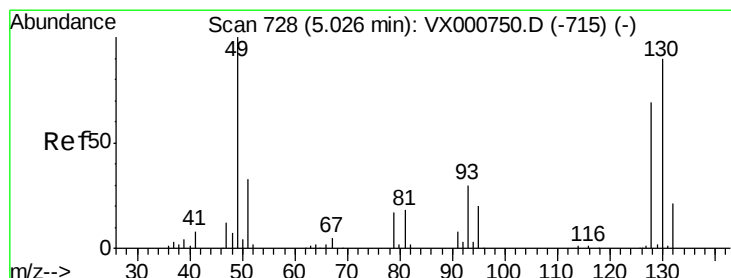
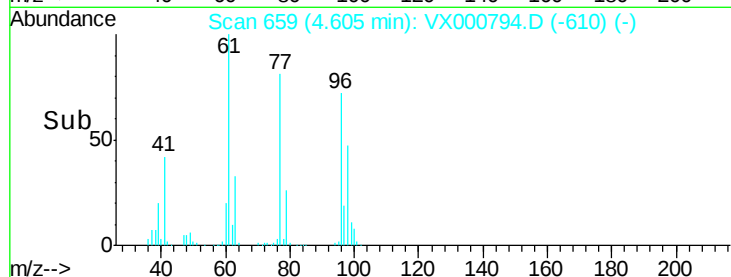
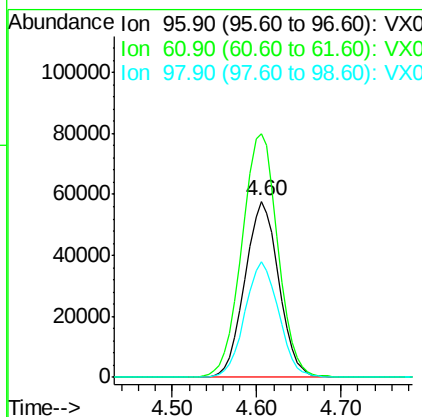
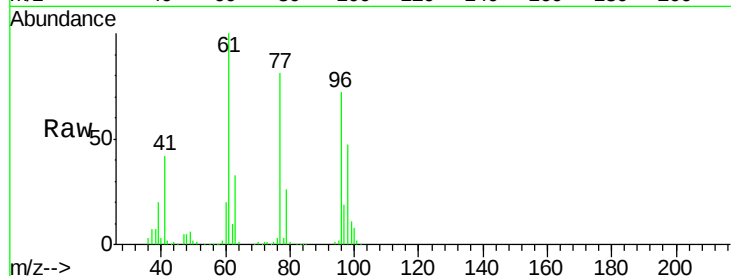
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	157959
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	292.4
98	65.8	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 47.73 ug/l

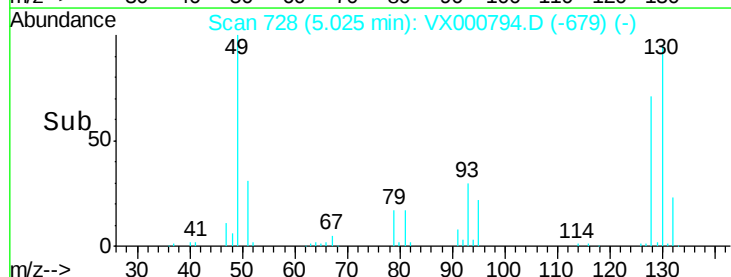
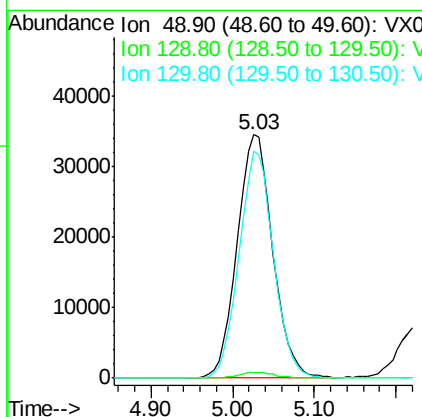
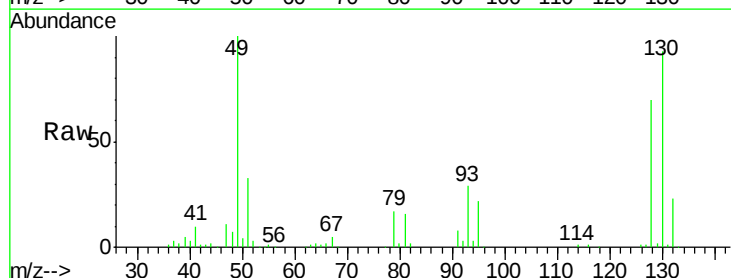
RT: 5.03 min Scan# 728

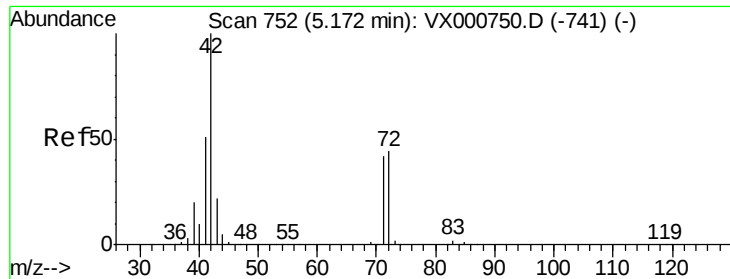
Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion:	49	Resp:	104670
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	90.2	72.6	109.0





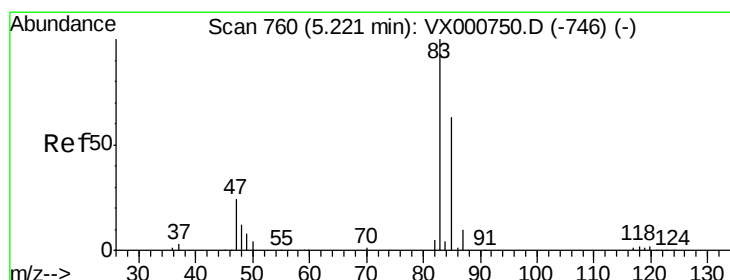
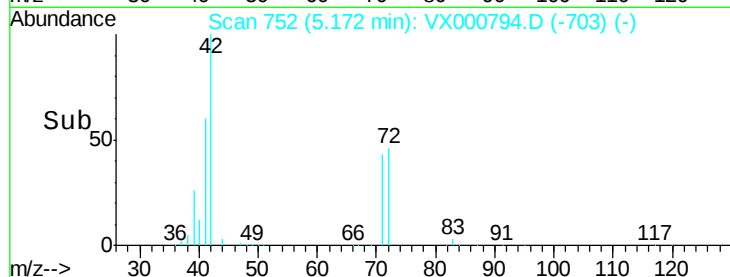
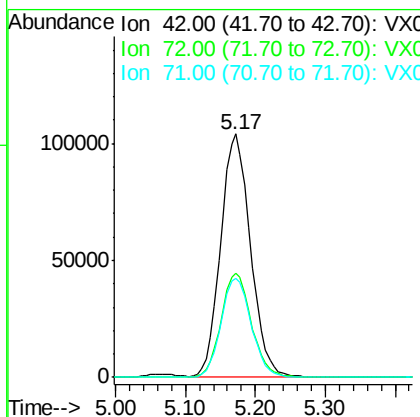
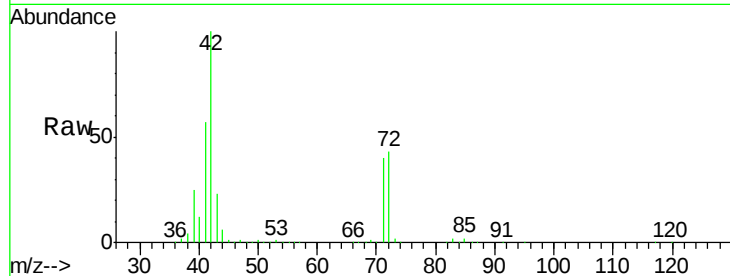
#29
Tetrahydrofuran
Concen: 216.67 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.1	52.7
71	41.3	32.8	49.2

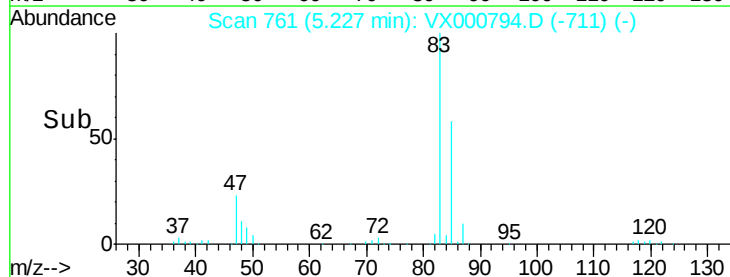
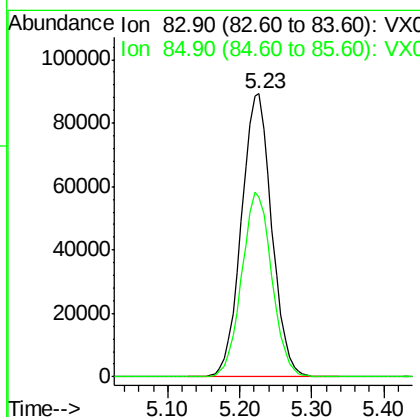
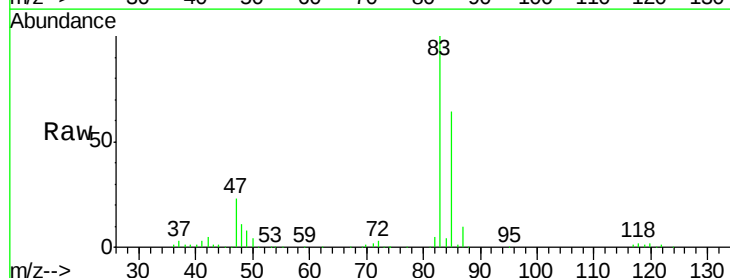
Manual Integrations
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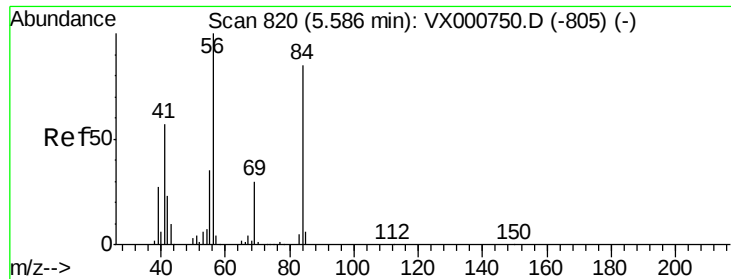
apatel
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#30
Chloroform
Concen: 45.21 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.7	76.1





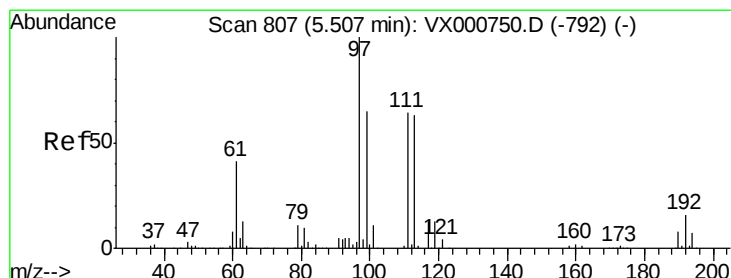
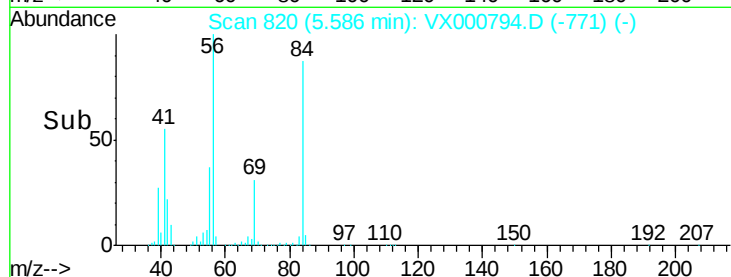
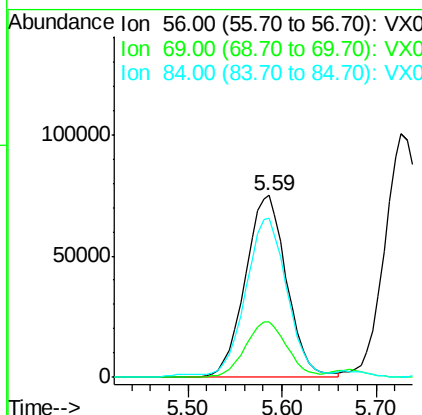
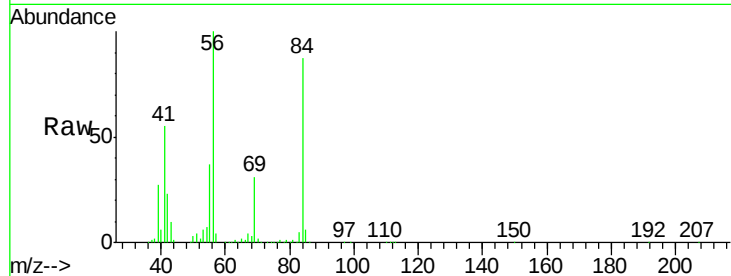
#31
Cyclohexane
Concen: 44.44 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.4
84	85.5	67.6	101.4

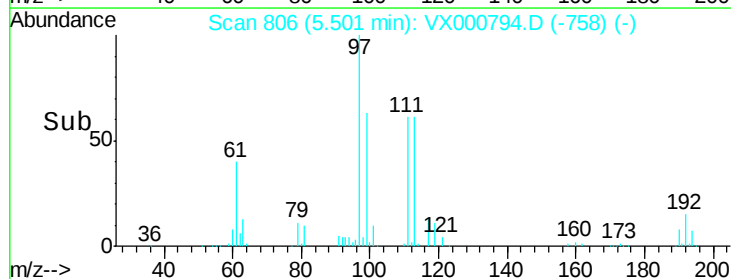
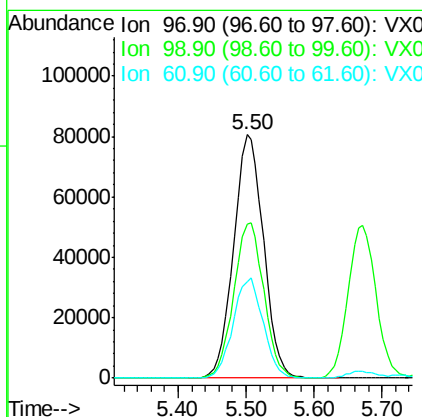
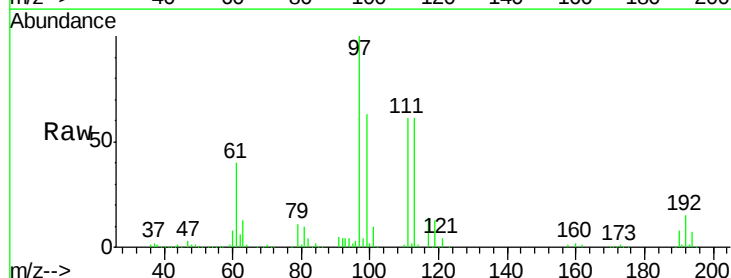
Manual Integrations
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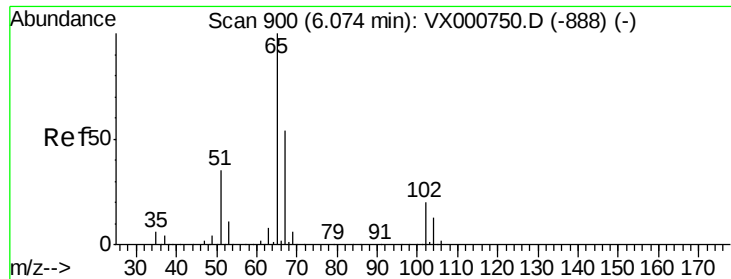
apatel
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#32
1,1,1-Trichloroethane
Concen: 44.77 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	41.4	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 45.90 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 180109

Ion Ratio Lower Upper

65 100

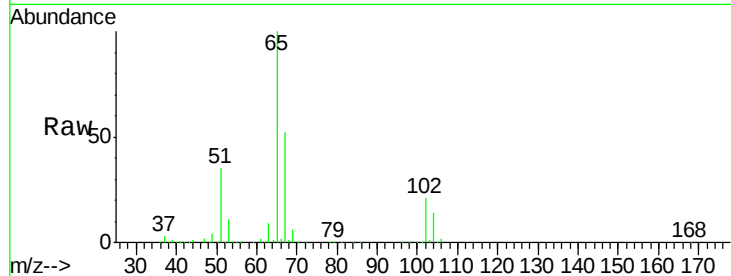
67 52.2 0.0 103.8

Manual Integrations

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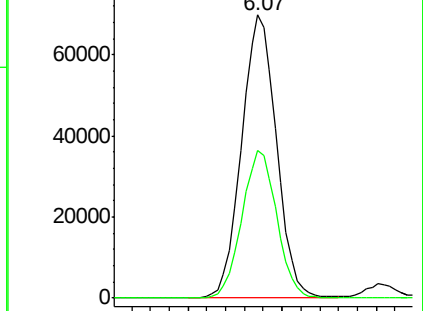
apatel

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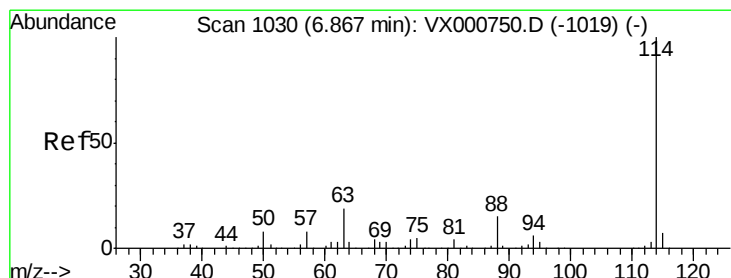
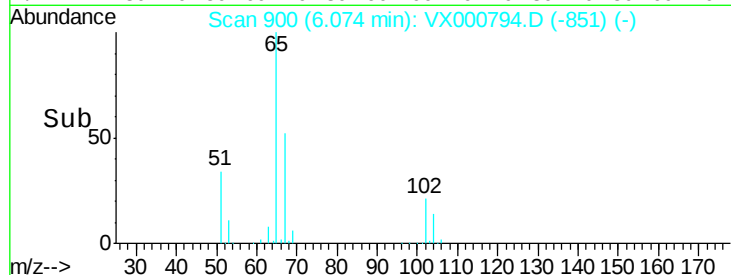


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

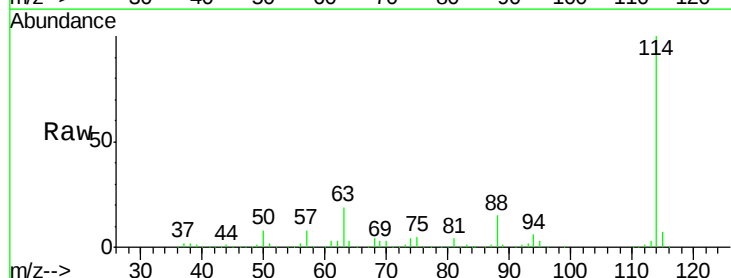
Tgt Ion: 114 Resp: 402792

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

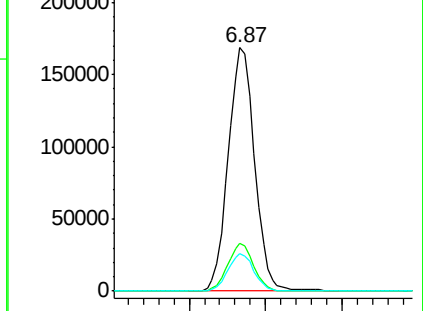
88 15.2 0.0 31.0



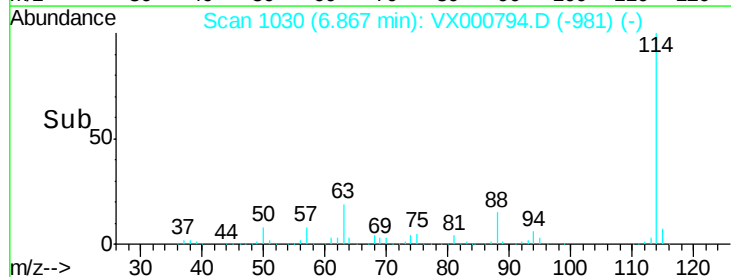
Abundance Ion 113.90 (113.60 to 114.60): V

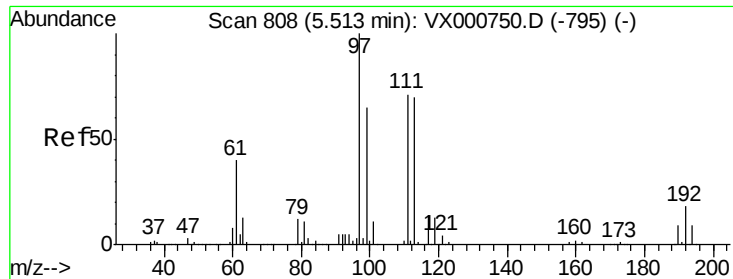
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





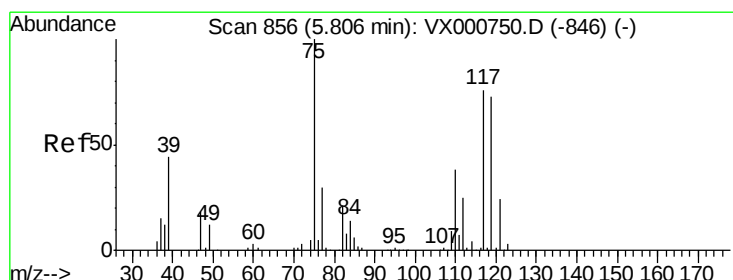
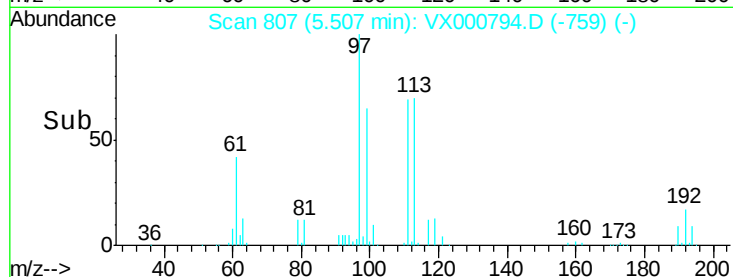
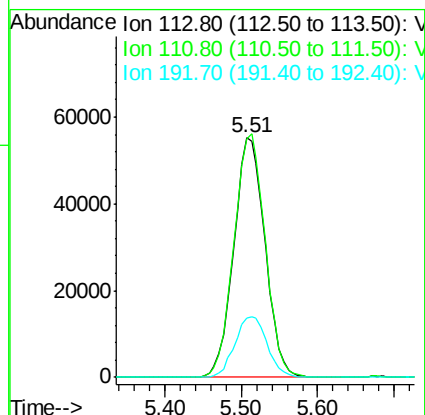
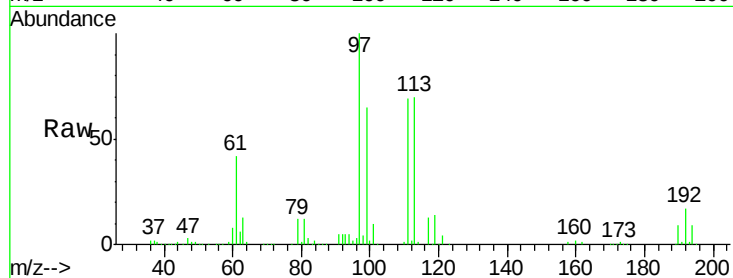
#35
 Dibromofluoromethane
 Concen: 50.34 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	156231		
111	101.6	81.5	122.3	
192	26.0	20.4	30.6	

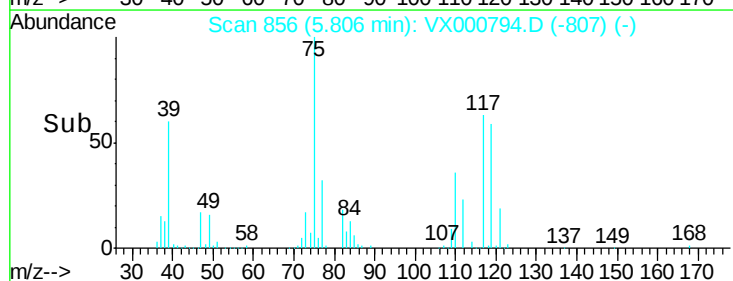
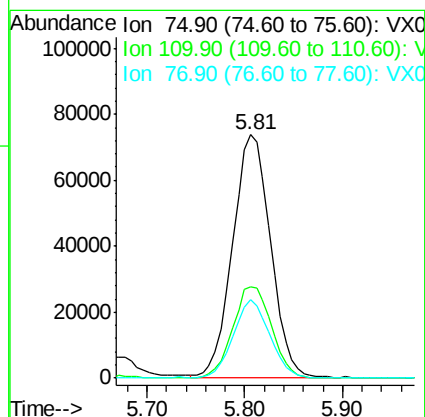
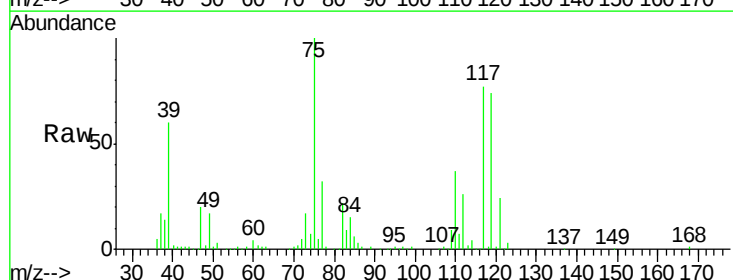
Manual Integrations
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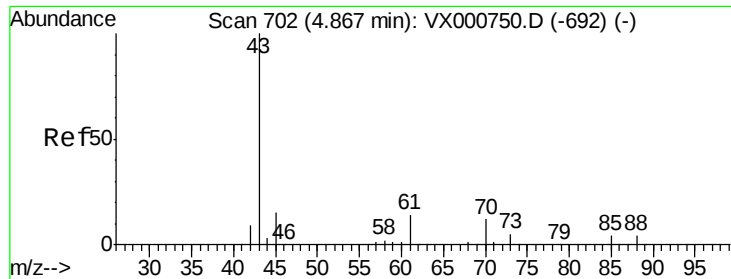
apatel
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#36
 1,1-Dichloropropene
 Concen: 44.64 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	198021		
110	38.6	19.2	57.6	
77	30.9	25.4	38.2	





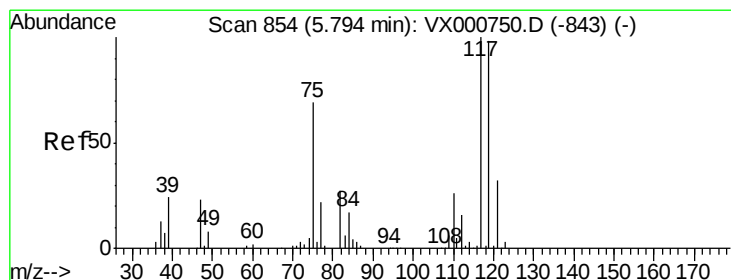
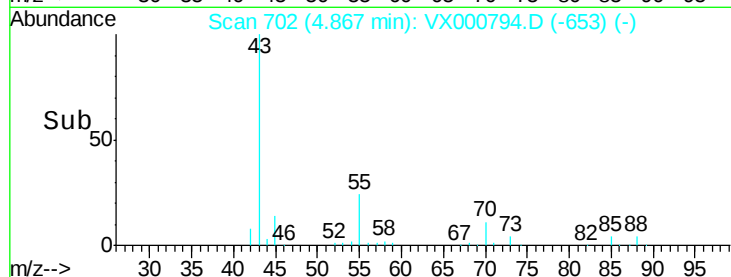
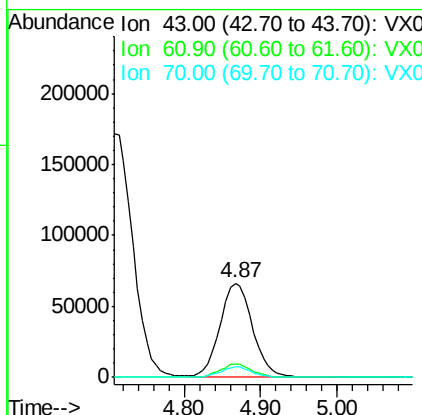
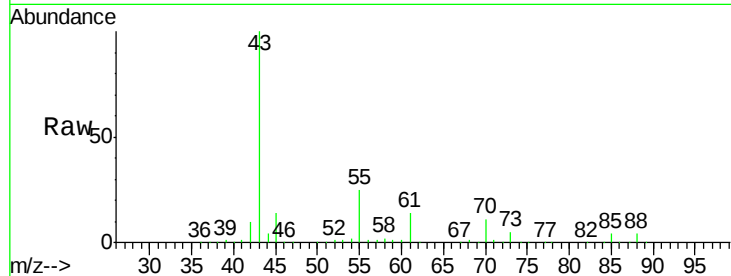
#37
Ethyl Acetate
Concen: 45.03 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	194994
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.8	8.7	13.1

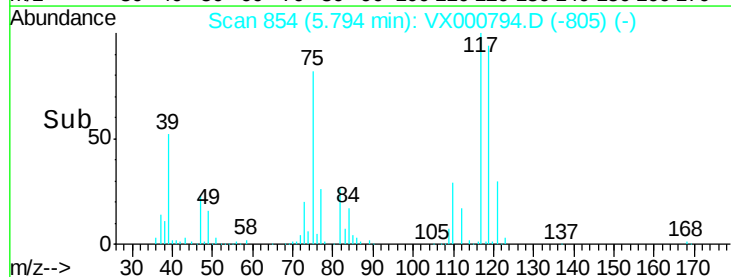
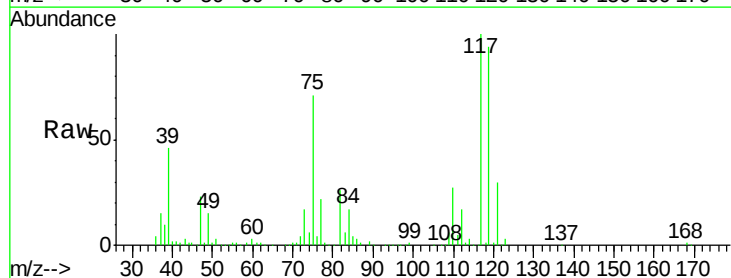
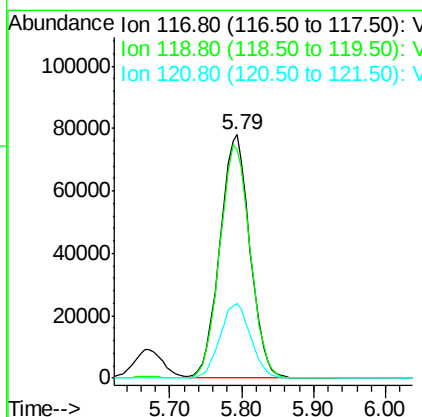
Manual Integrations
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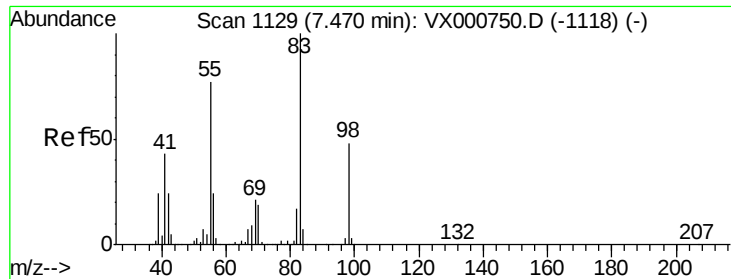
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#38
Carbon Tetrachloride
Concen: 45.63 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion:	117	Resp:	226556
Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.4	117.6
121	30.4	25.4	38.0





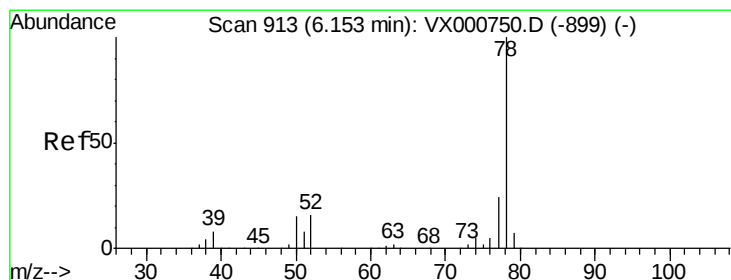
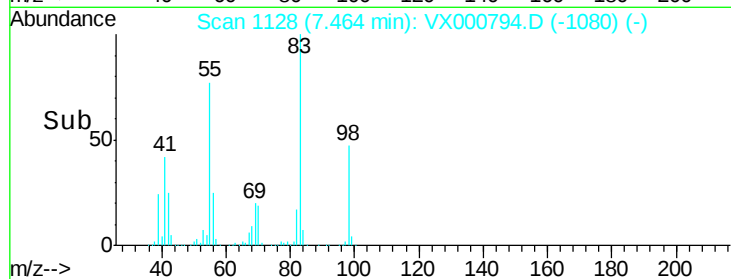
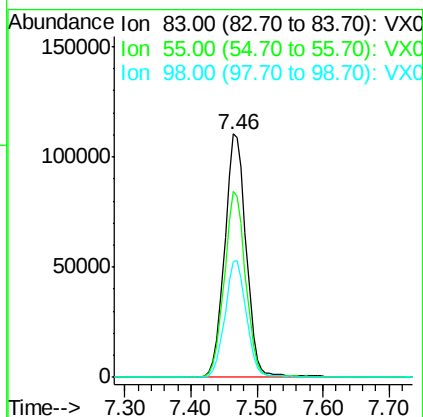
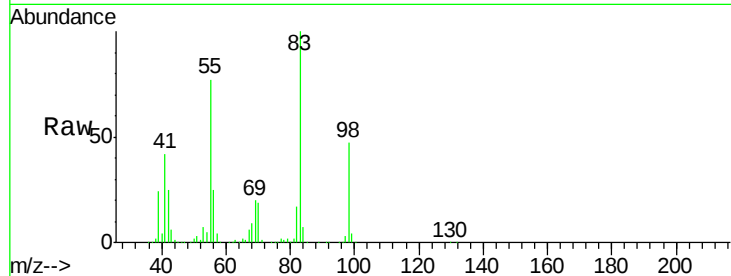
#39
Methvlcvclohexane
Concen: 46.94 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	250074		
55	76.5		61.5	92.3
98	47.3		38.1	57.1

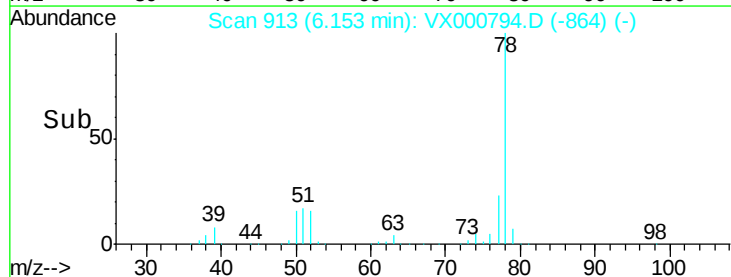
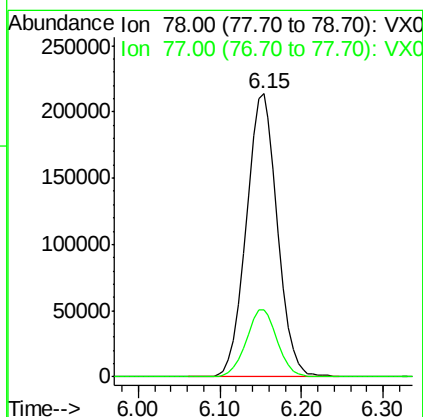
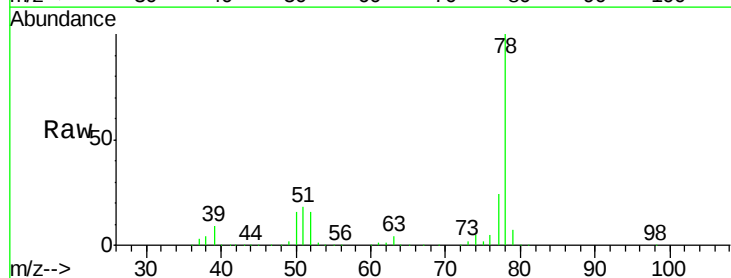
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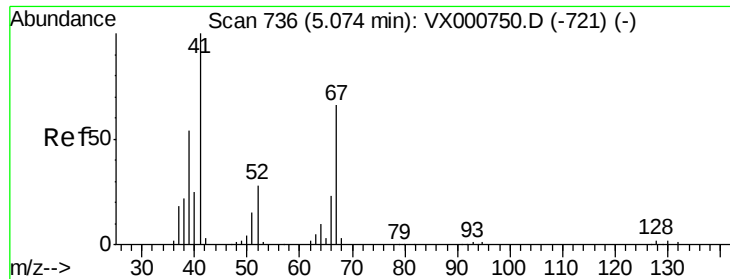
apatel
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#40
Benzene
Concen: 45.95 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	566378		
77	23.8		19.0	28.6





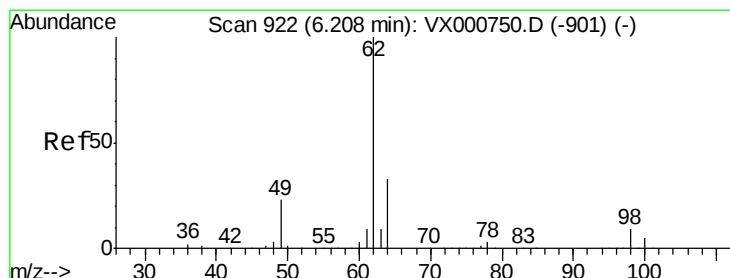
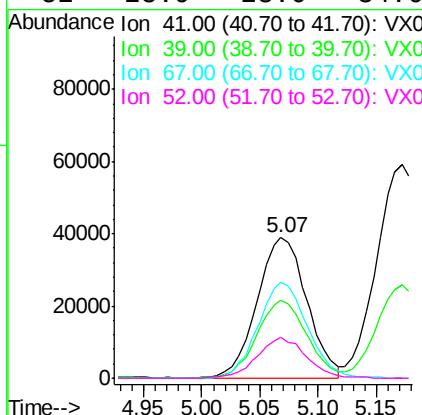
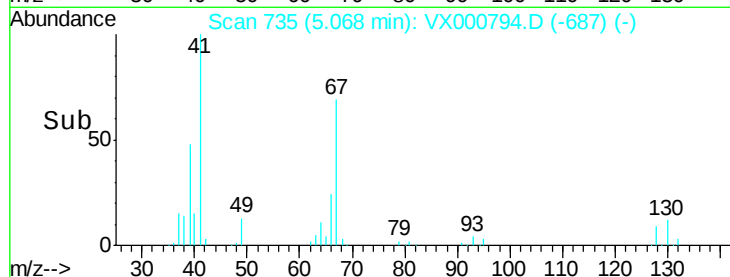
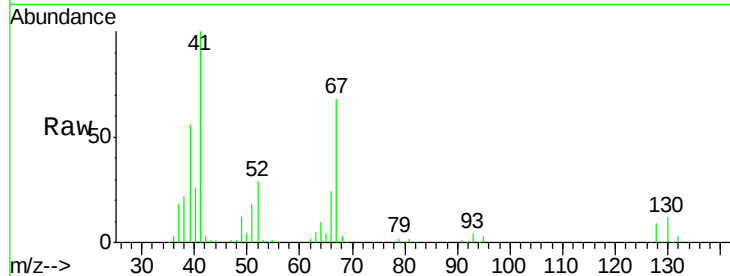
#41
Methacrylonitrile
Concen: 45.69 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.9	44.9	67.3		
67	68.2	54.7	82.1		
52	28.9	23.0	34.6		

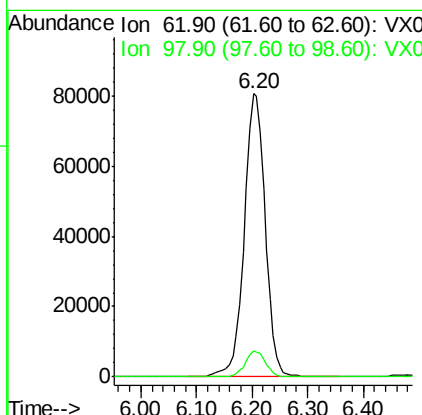
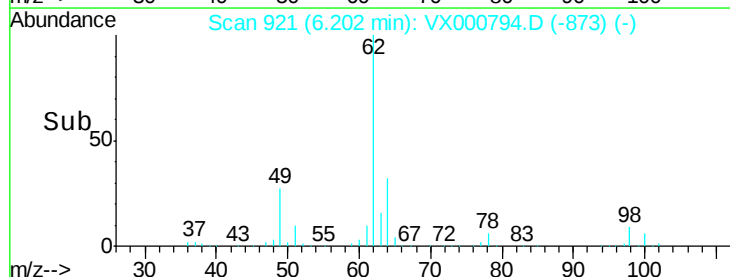
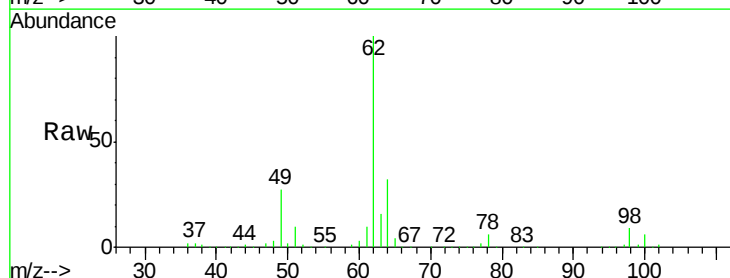
Manual Integrations
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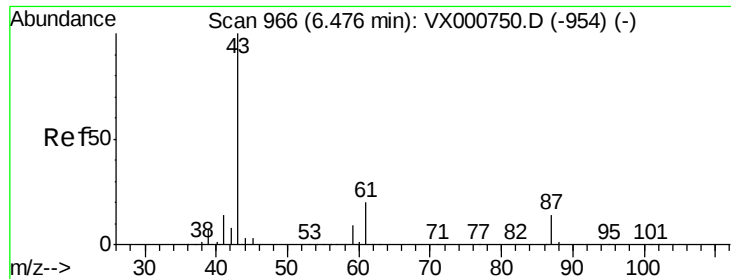
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#42
1,2-Dichloroethane
Concen: 45.93 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.0	0.0	18.6		





#43

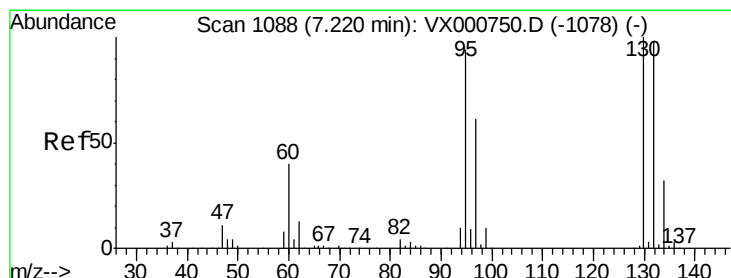
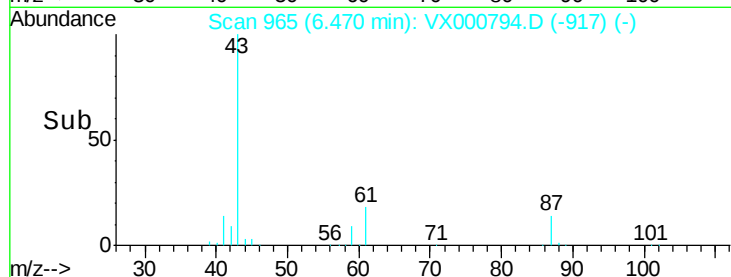
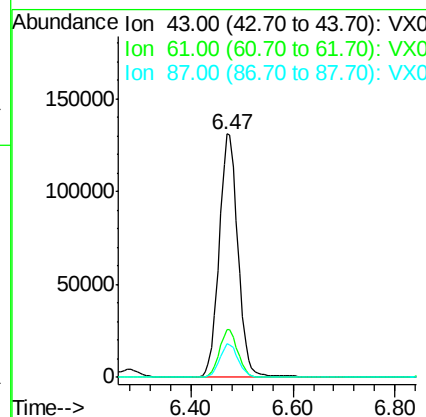
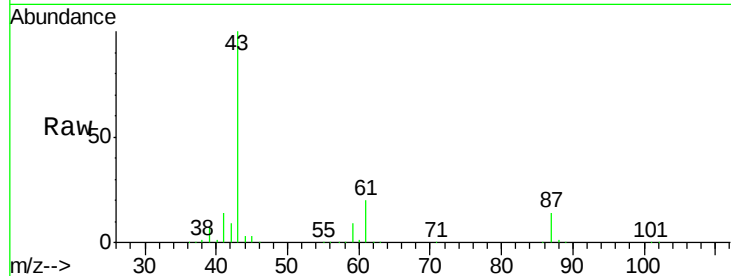
Isopropyl Acetate
 Concen: 45.05 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	13.6	10.7	16.1

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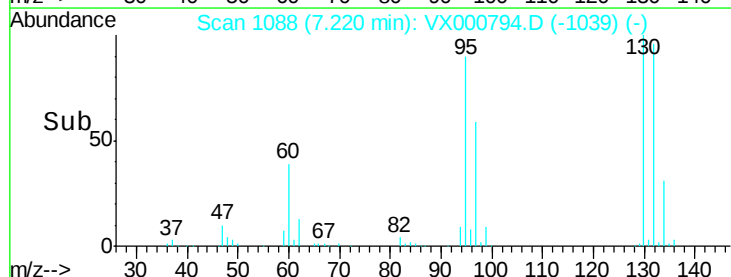
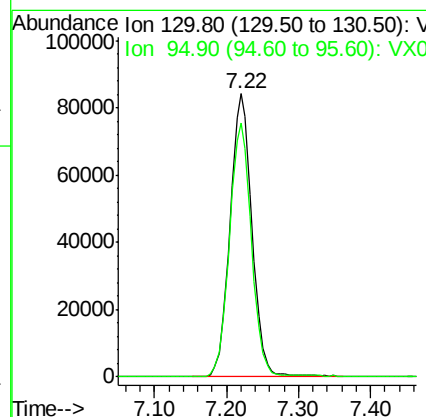
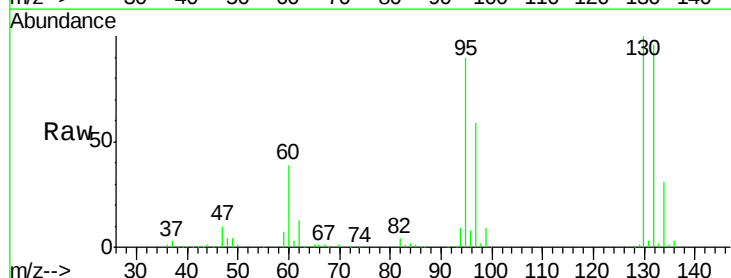
apatel
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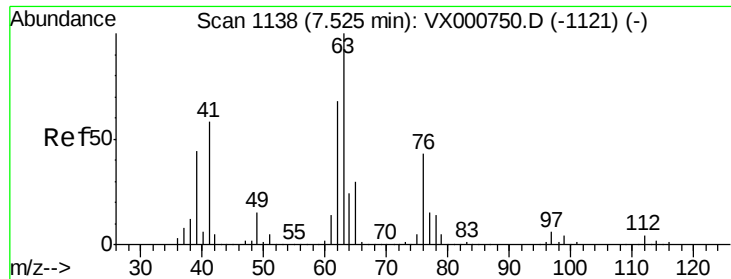


#44

Trichloroethene
 Concen: 46.66 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	187.0





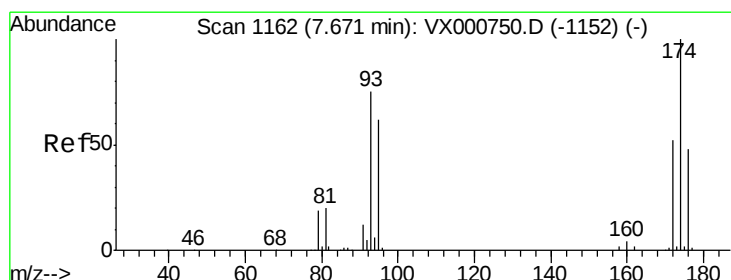
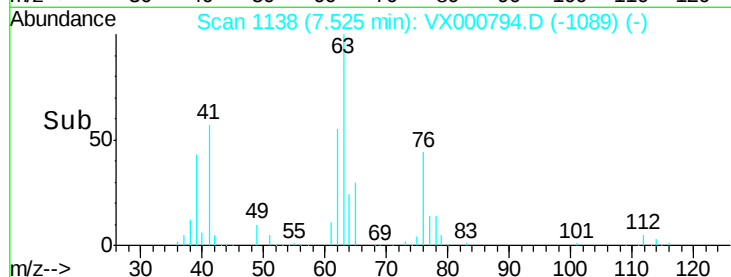
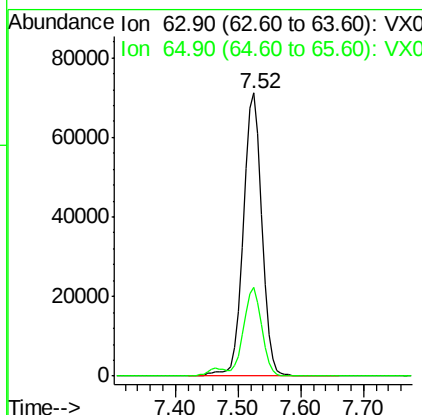
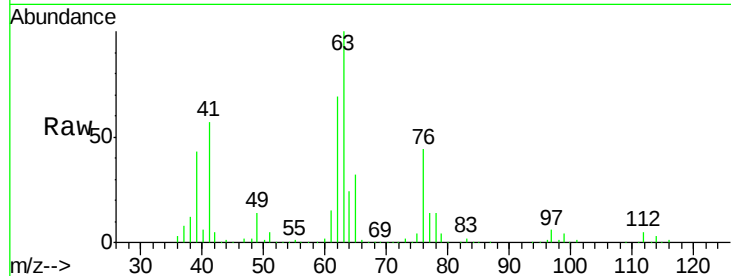
#45
 1,2-Dichloropropane
 Concen: 46.54 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 146086
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.7 35.5

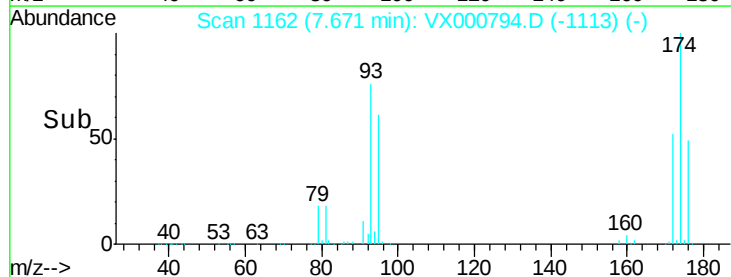
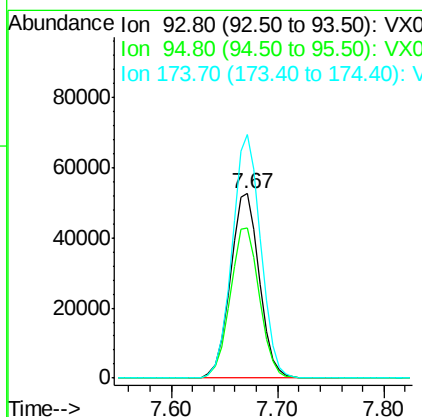
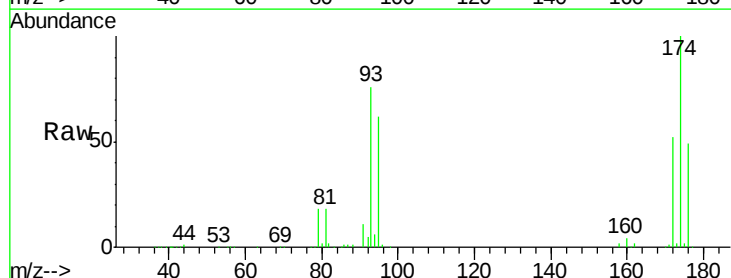
Manual Integrations
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#46
 Dibromomethane
 Concen: 46.07 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion: 93 Resp: 100812
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 100.0
 174 129.7 104.5 156.7





#47

Bromodichloromethane

Concen: 46.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

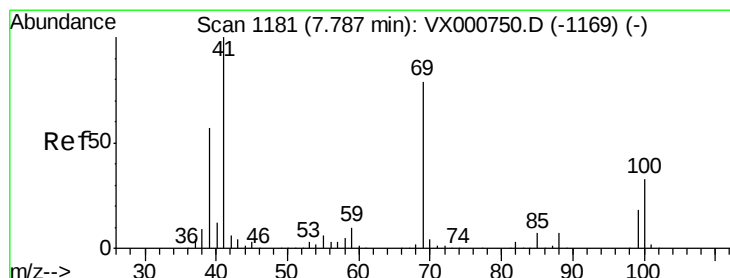
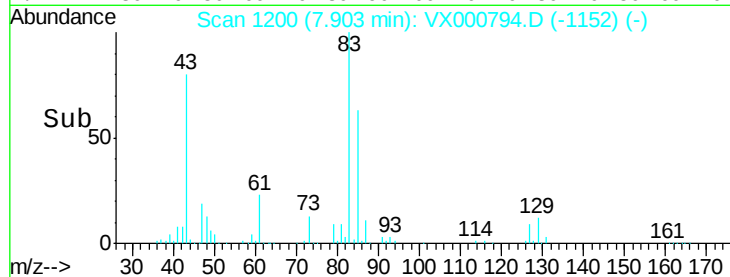
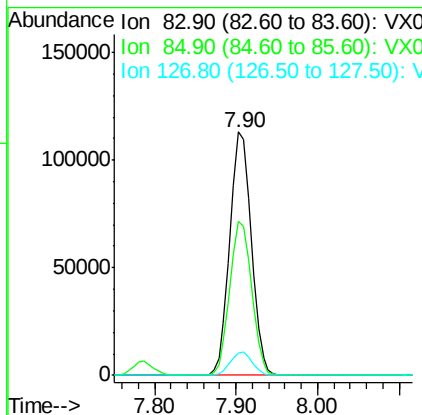
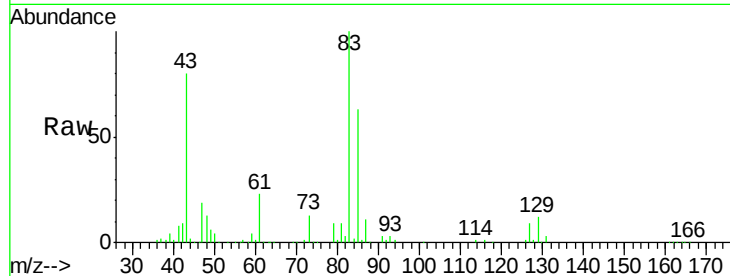
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	205467
Ion Ratio	Lower	Upper	
83	100		
85	63.3	52.2	78.4
127	9.1	7.8	11.8

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#48

Methyl methacrylate

Concen: 45.59 ug/l

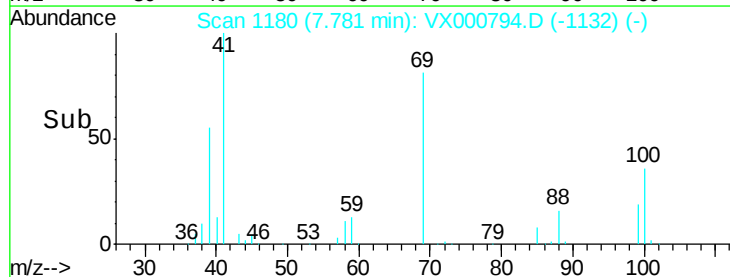
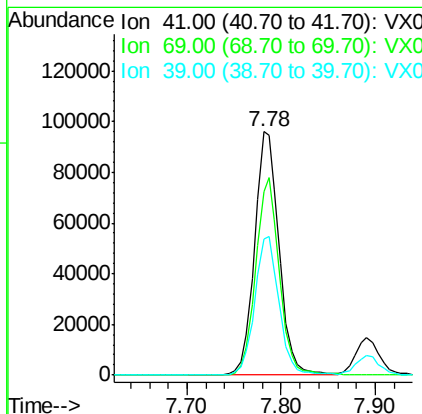
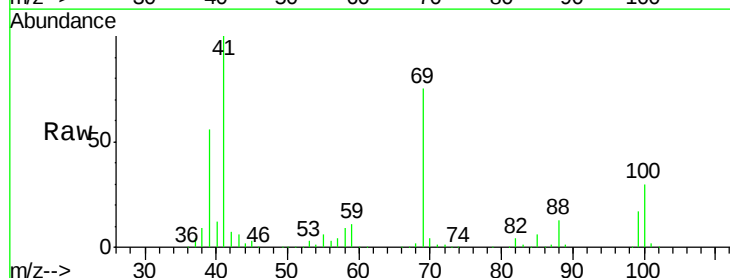
RT: 7.78 min Scan# 1180

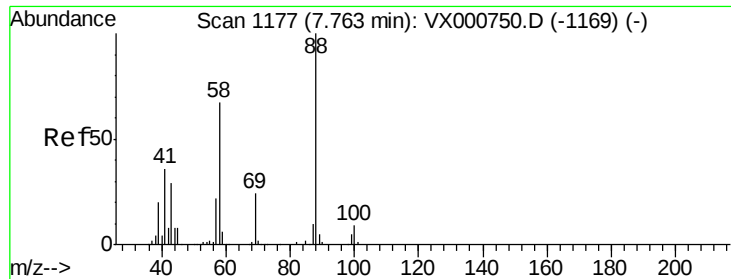
Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion:	41	Resp:	175446
Ion Ratio	Lower	Upper	
41	100		
69	79.1	63.9	95.9
39	56.4	45.9	68.9





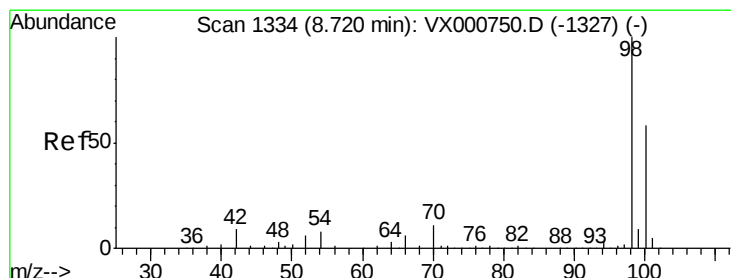
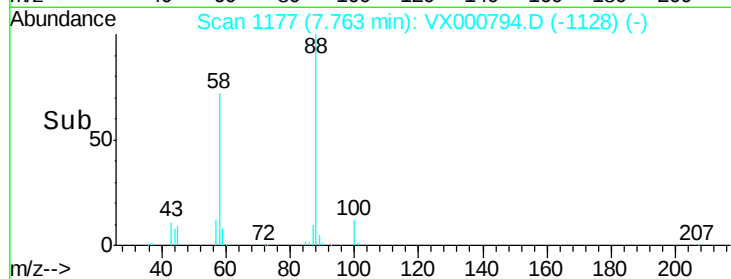
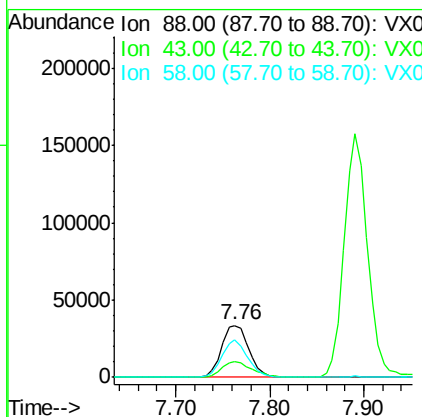
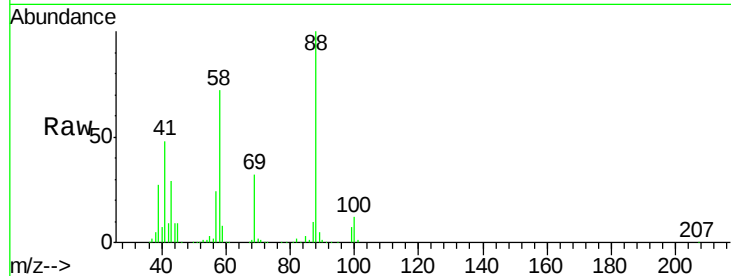
#49
1,4-Dioxane
Concen: 873.87 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.8	38.8
58	69.2	54.4	81.6

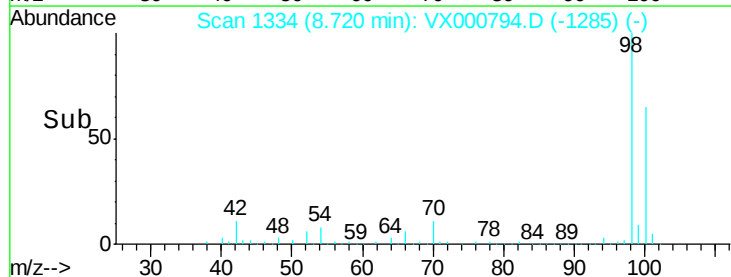
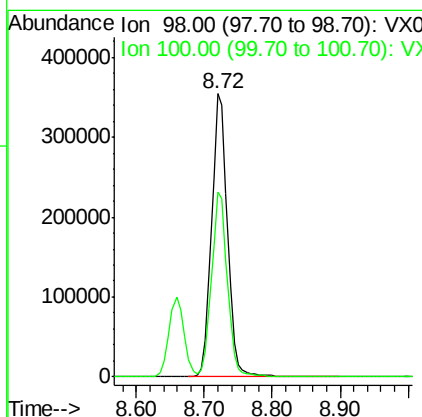
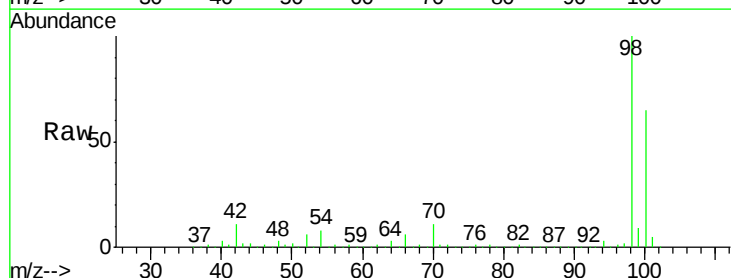
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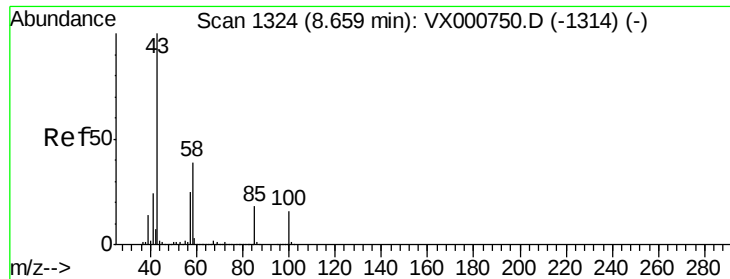
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#50
Toluene-d8
Concen: 49.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 227.77 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 993368

Ion Ratio Lower Upper

43 100

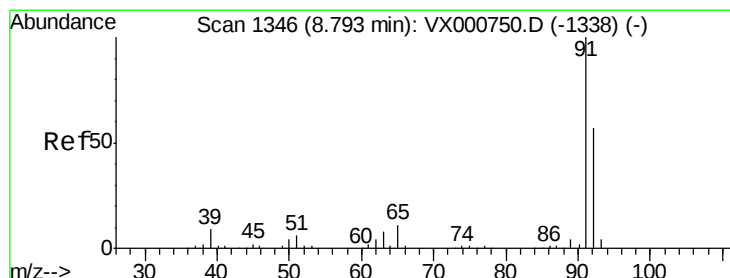
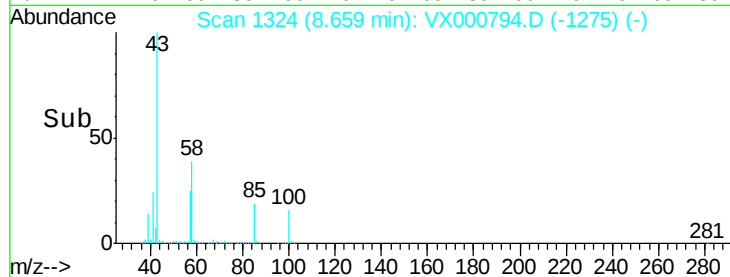
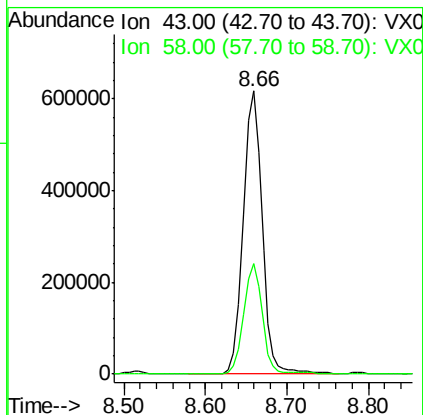
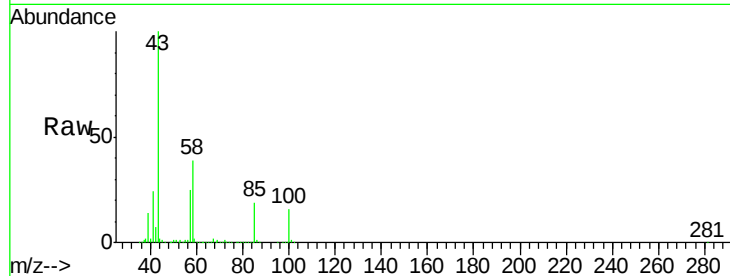
58 38.0 30.3 45.5

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#52

Toluene

Concen: 45.73 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000794.D

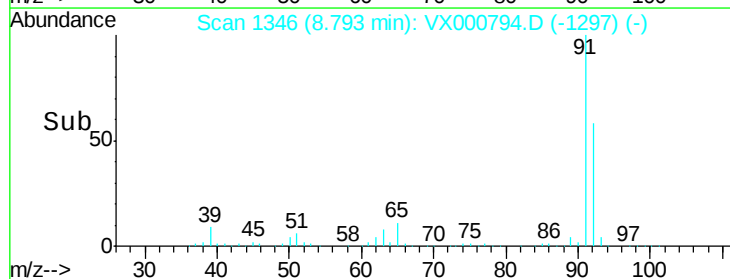
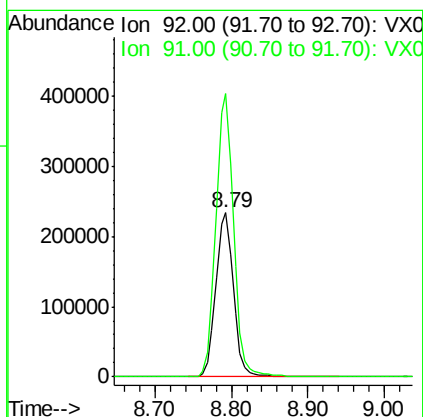
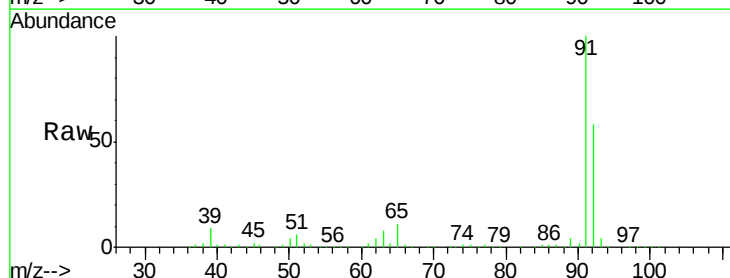
Acq: 12 Apr 2018 11:09

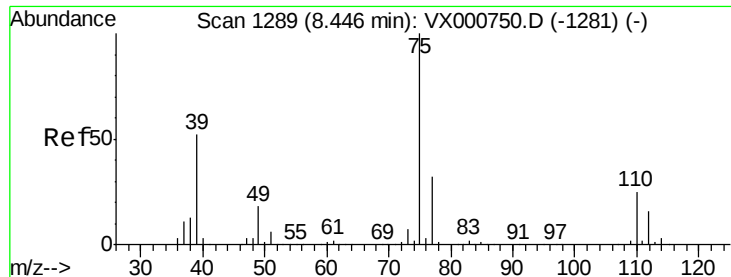
Tgt Ion: 92 Resp: 373950

Ion Ratio Lower Upper

92 100

91 173.3 139.0 208.4





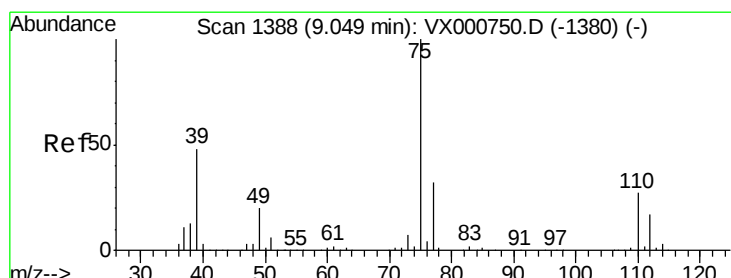
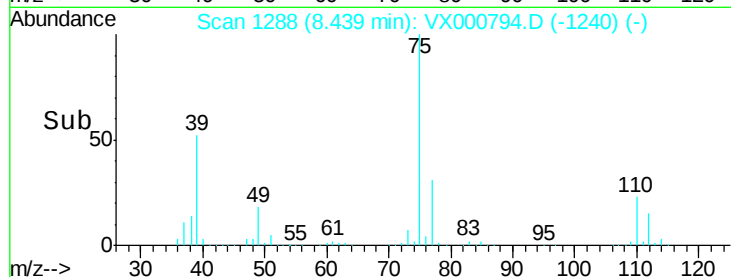
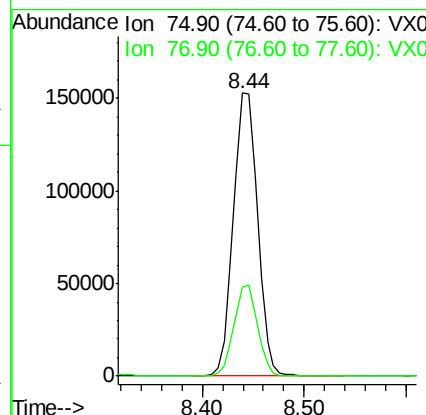
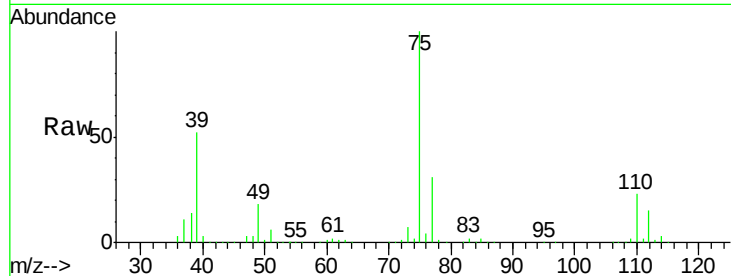
#53
t-1,3-Dichloropropene
Concen: 47.28 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 250468
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

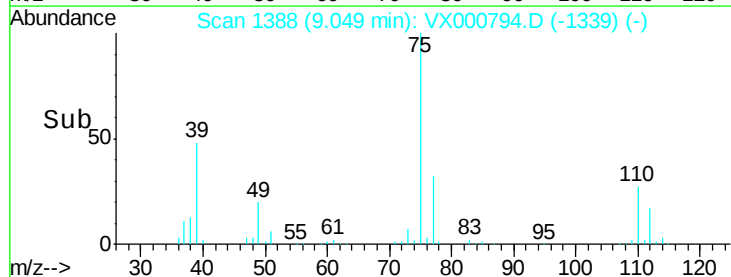
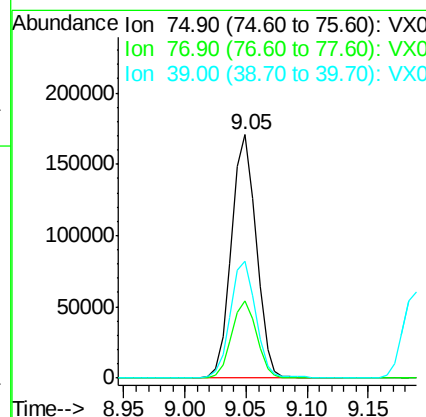
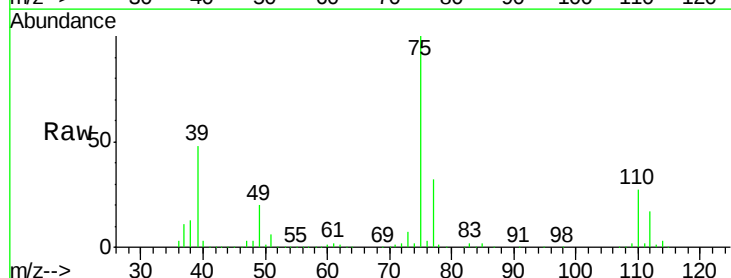
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#54
cis-1,3-Dichloropropene
Concen: 46.57 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 75 Resp: 240211
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
39 47.9 38.6 58.0





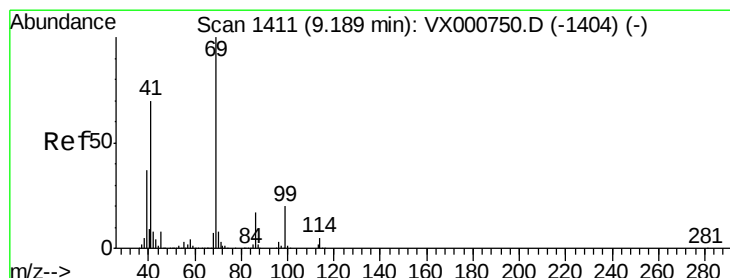
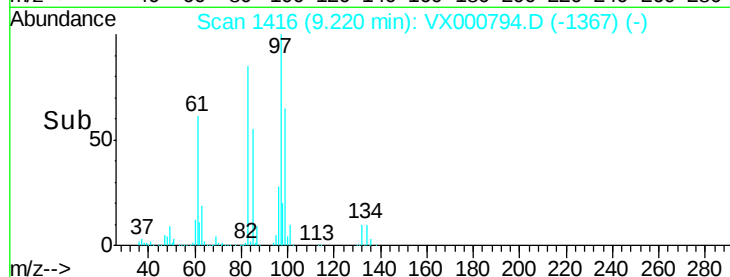
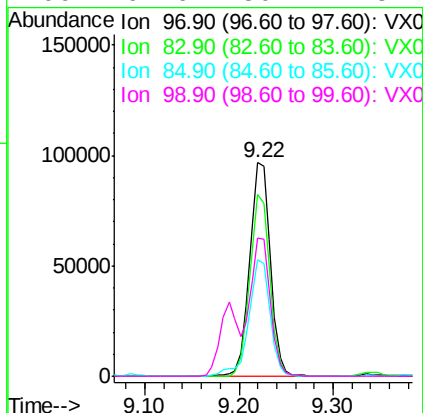
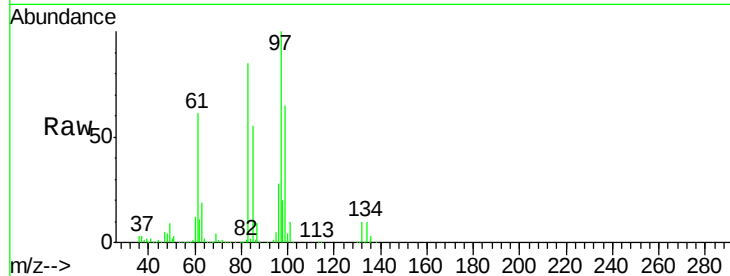
#55
 1,1,2-Trichloroethane
 Concen: 46.08 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	149599
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.6	101.4
85	54.6	43.8	65.6
99	64.6	50.2	75.4

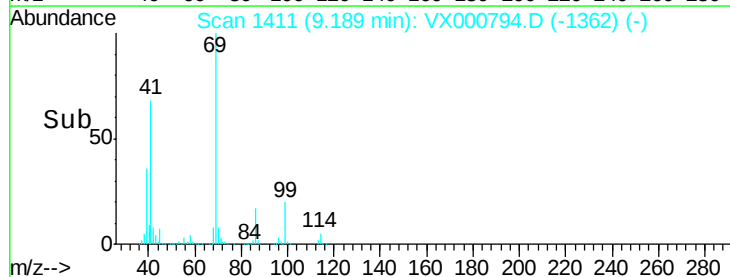
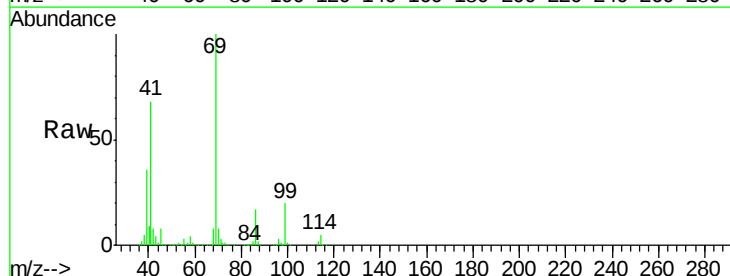
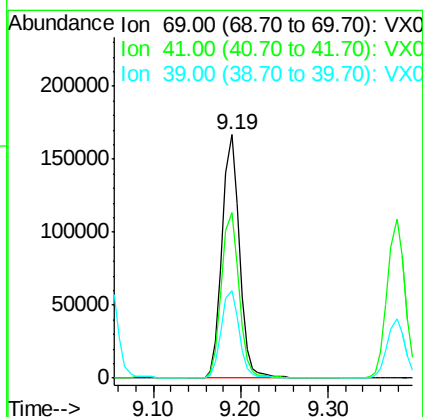
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 45.91 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion:	69	Resp:	229909
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.6	83.4
39	36.7	30.3	45.5





#57

1,3-Dichloropropane

Concen: 46.94 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 242237

Ion Ratio Lower Upper

76 100

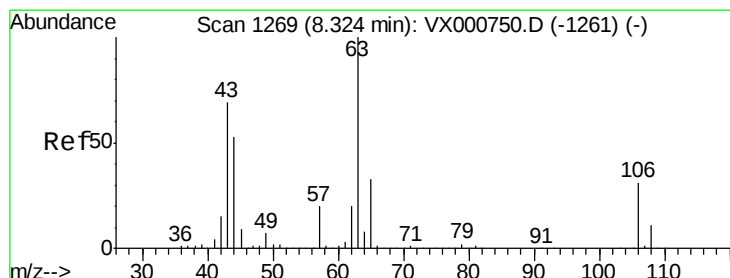
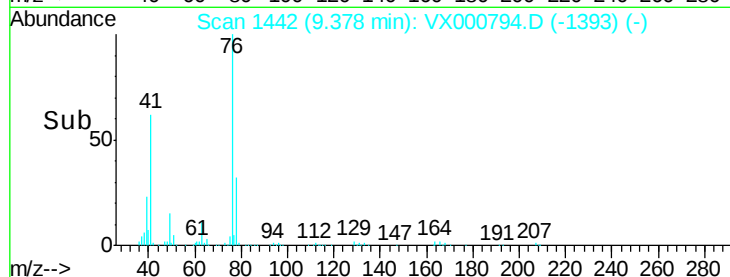
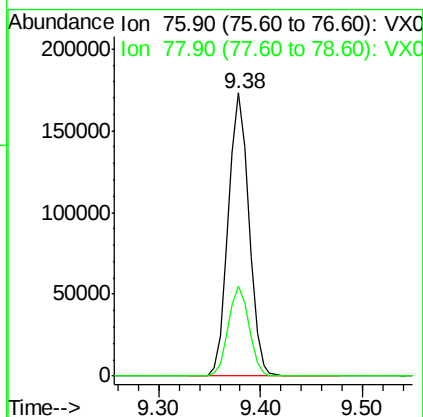
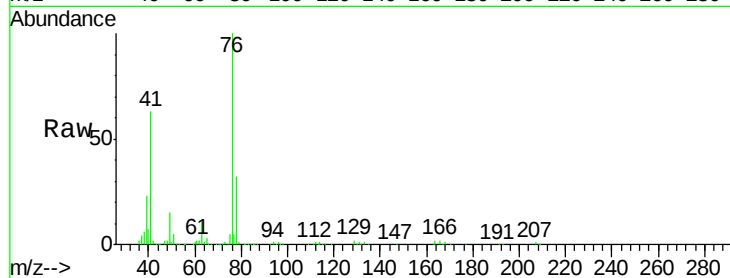
78 32.0 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 233.24 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000794.D

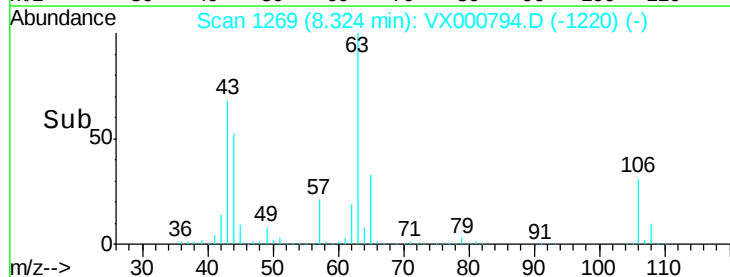
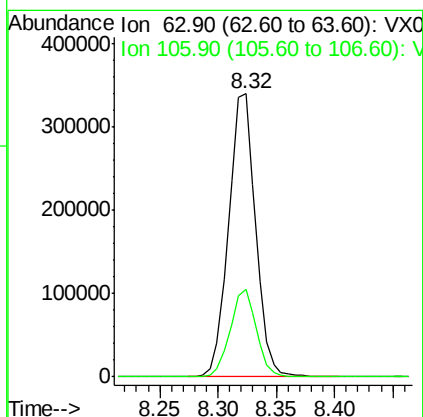
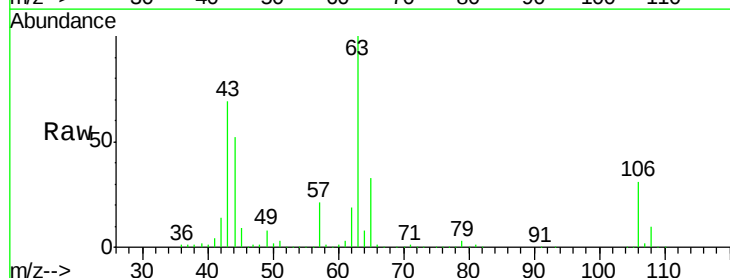
Acq: 12 Apr 2018 11:09

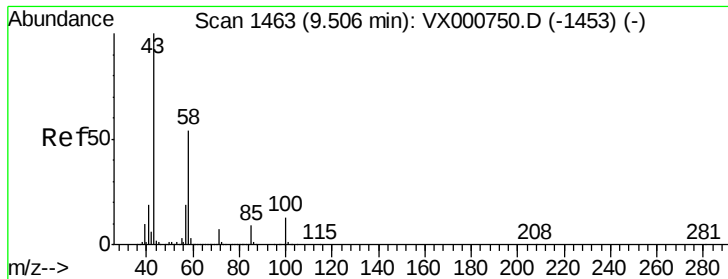
Tgt Ion: 63 Resp: 545726

Ion Ratio Lower Upper

63 100

106 30.3 24.3 36.5





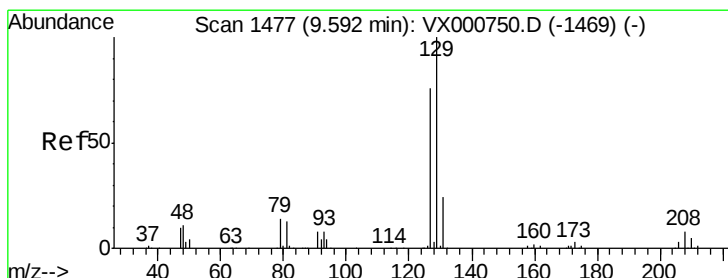
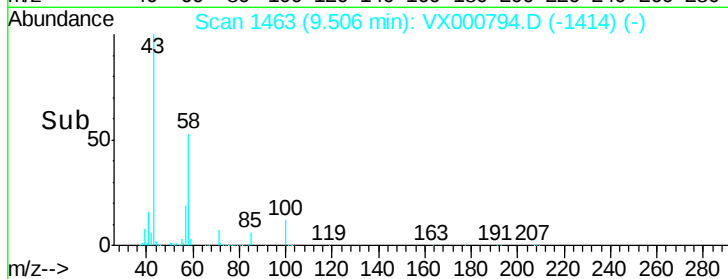
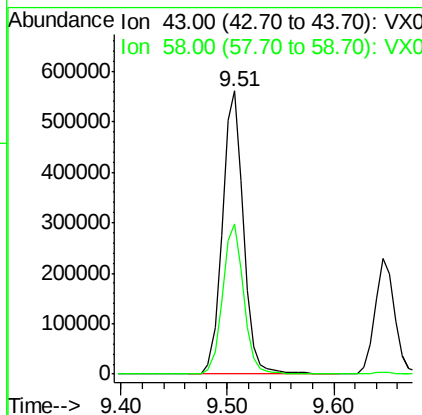
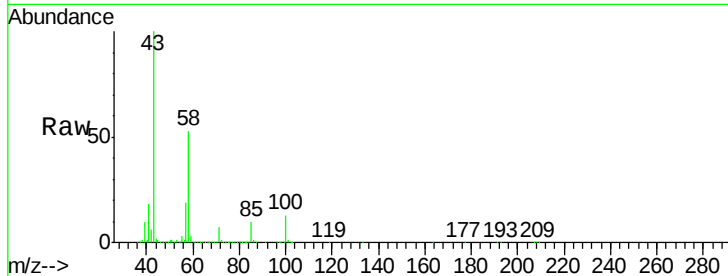
#59
2-Hexanone
Concen: 229.50 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.5	79.5

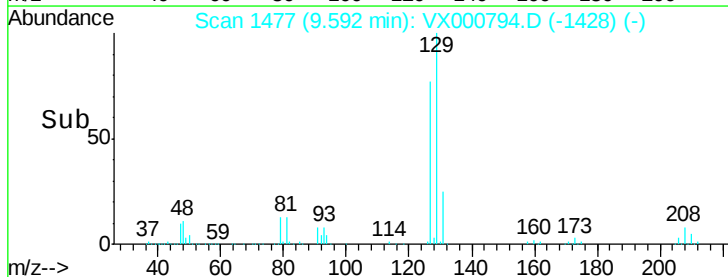
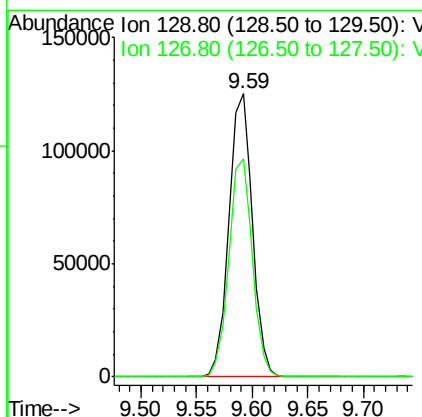
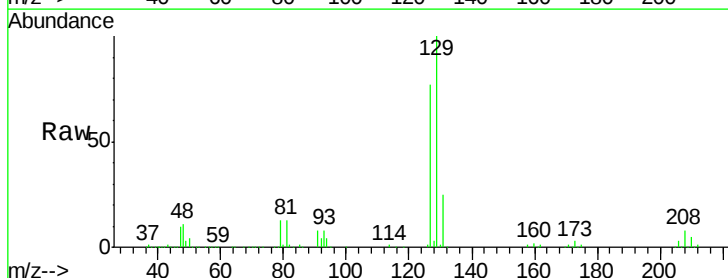
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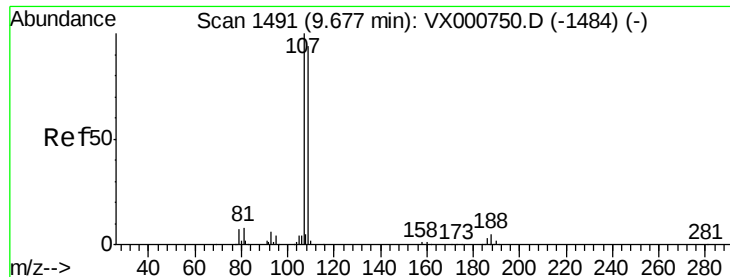
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#60
Dibromochloromethane
Concen: 46.81 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.4	115.1





#61

1,2-Dibromoethane

Concen: 46.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 159773

Ion Ratio Lower Upper

107 100

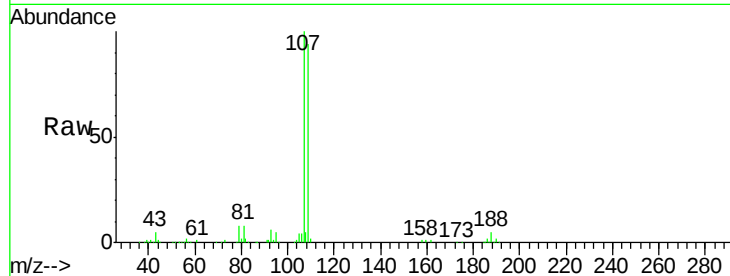
109 94.2 76.2 114.4

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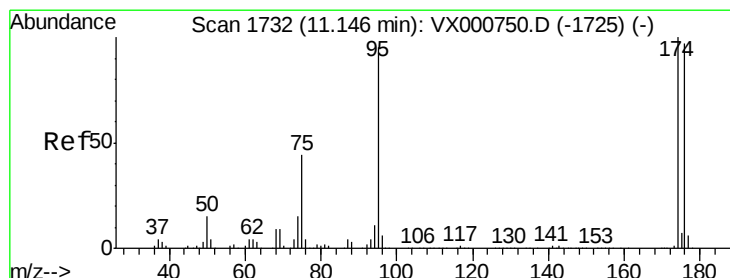
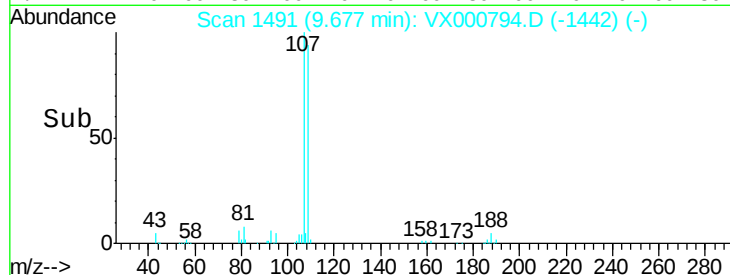
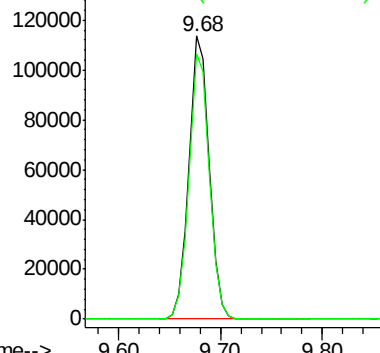
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

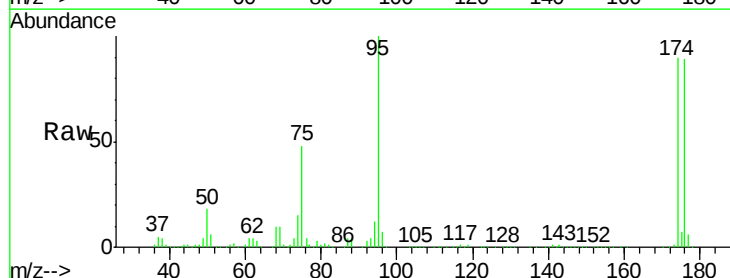
Tgt Ion: 95 Resp: 235364

Ion Ratio Lower Upper

95 100

174 98.9 0.0 198.4

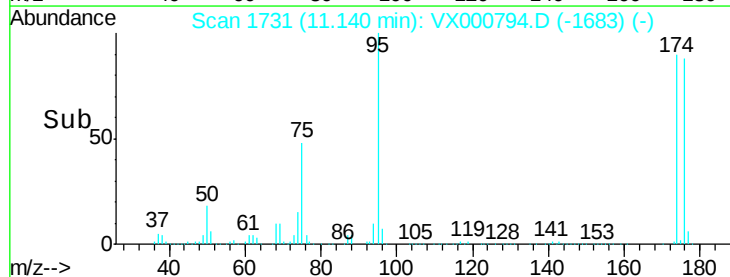
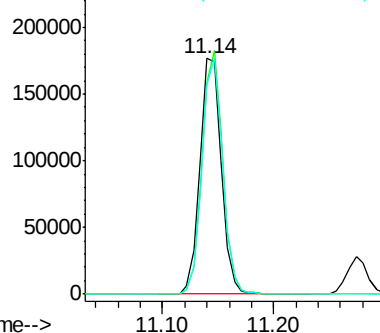
176 96.4 0.0 194.4

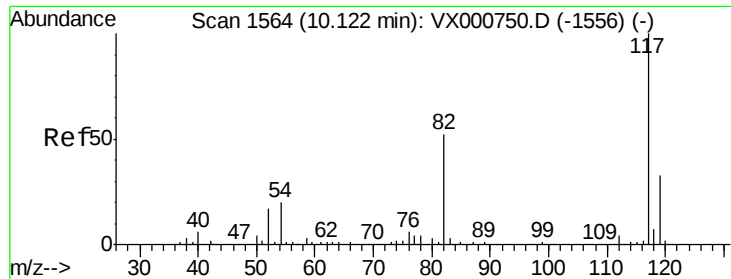


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





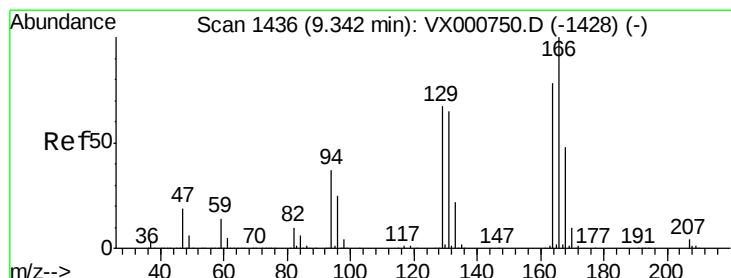
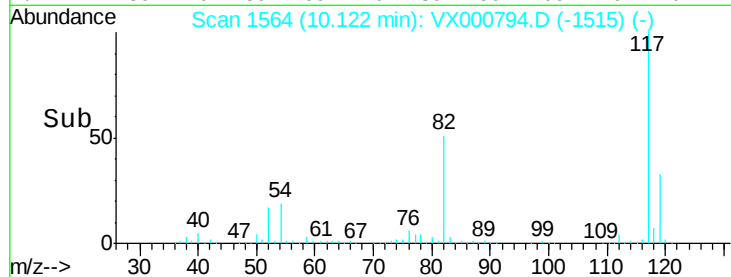
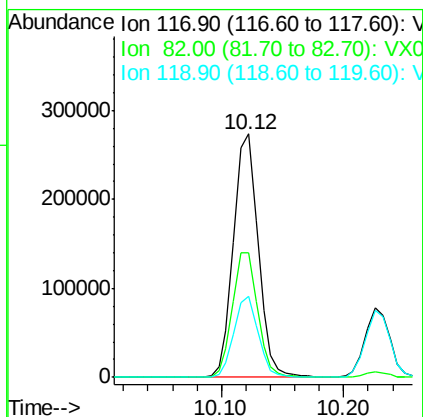
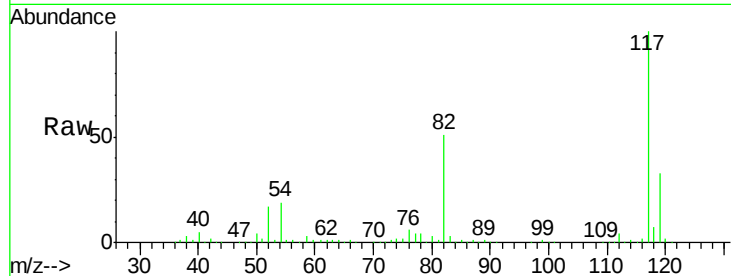
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.9	62.9
119	33.2	26.0	39.0

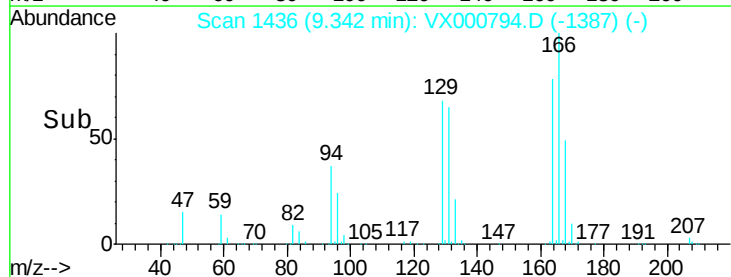
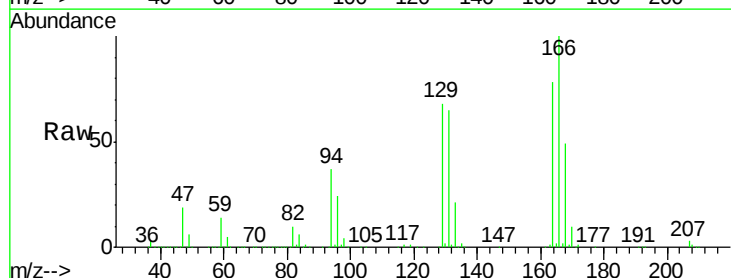
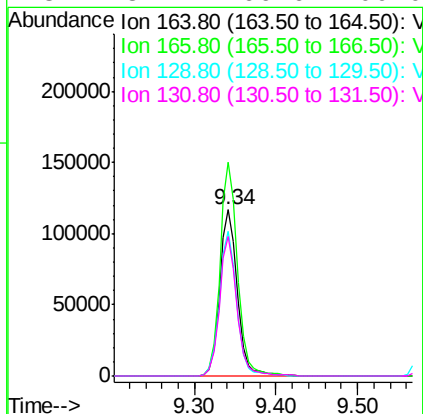
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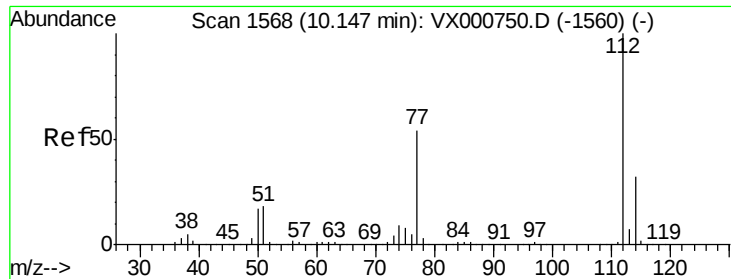
apatel
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#64
Tetrachloroethene
Concen: 47.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.8	154.2
129	87.3	68.5	102.7
131	84.2	66.6	100.0





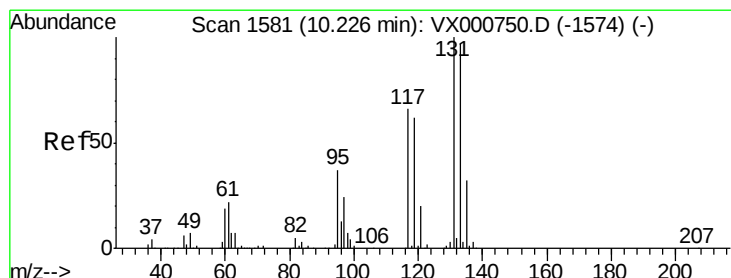
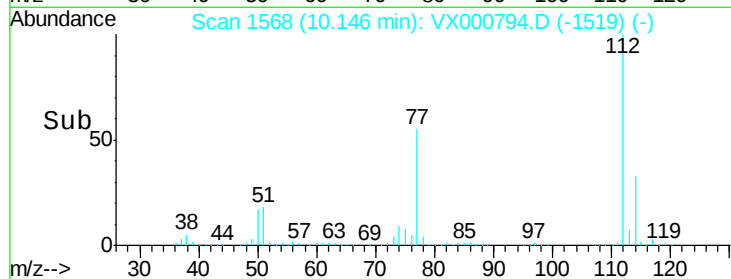
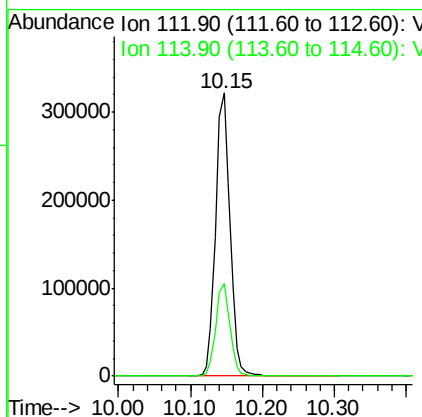
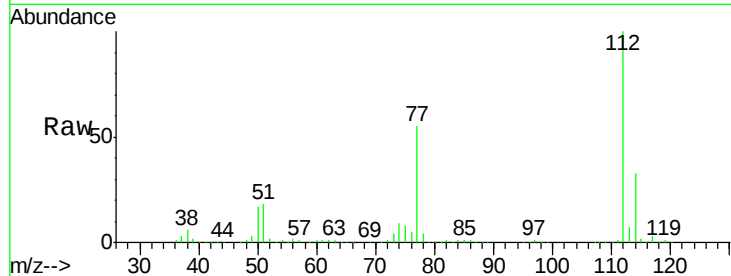
#65
Chlorobenzene
Concen: 46.31 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 445875
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8

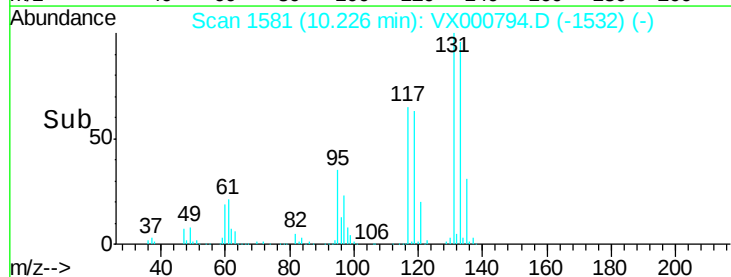
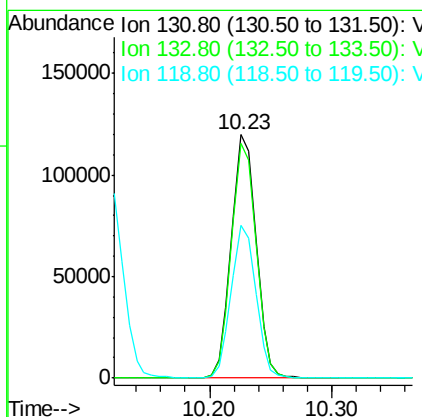
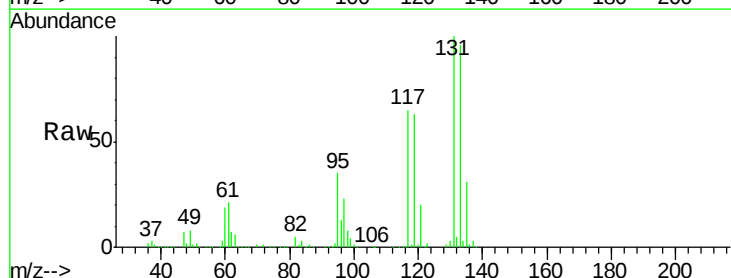
Manual Integrations
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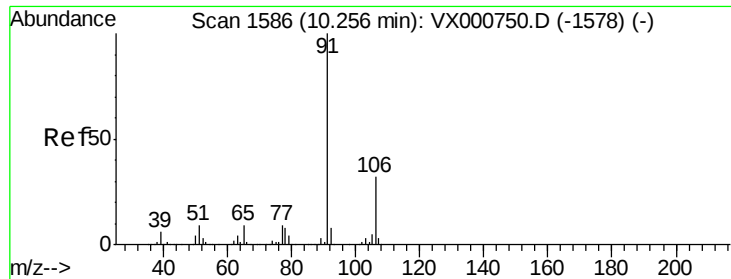
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.54 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion:131 Resp: 168642
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.9
119 62.5 31.4 94.0





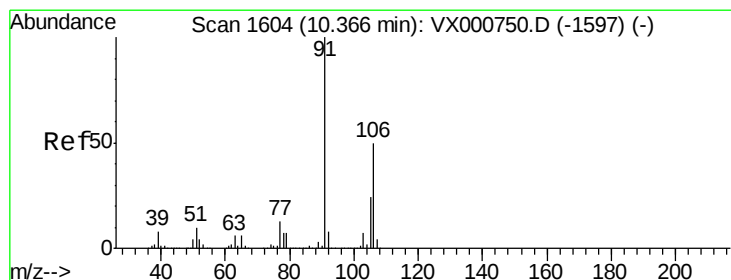
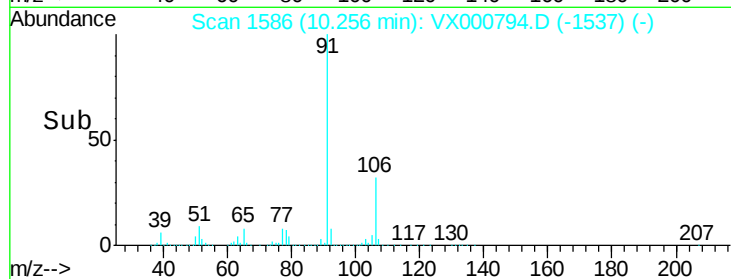
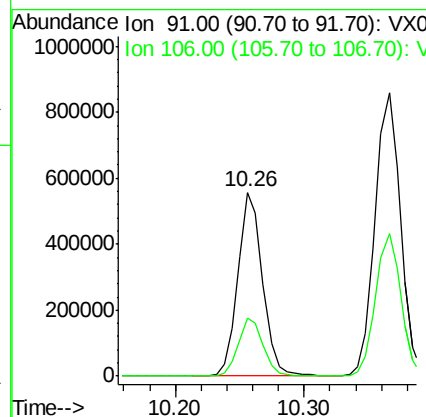
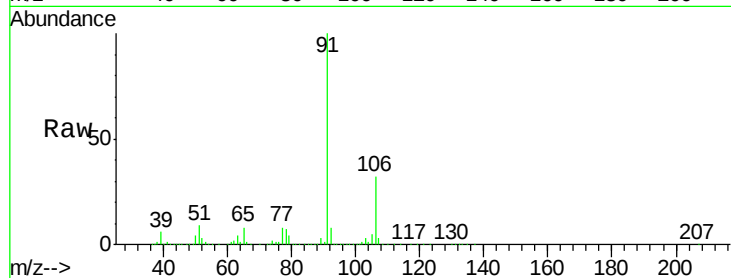
#67
Ethyl Benzene
Concen: 46.43 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 745200
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0

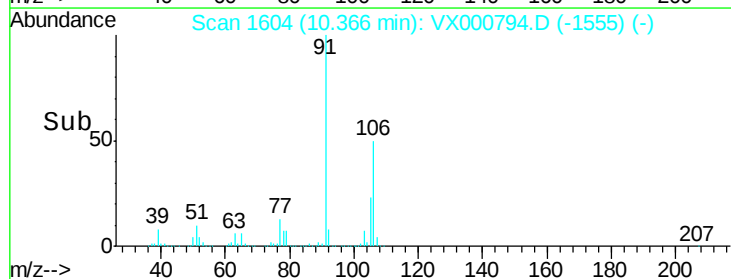
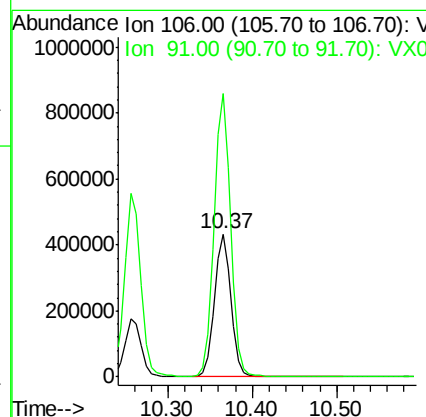
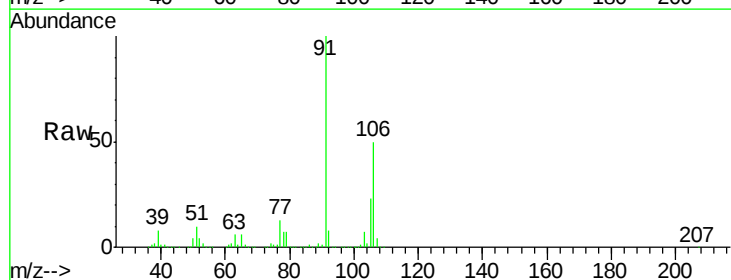
Manual Integrations
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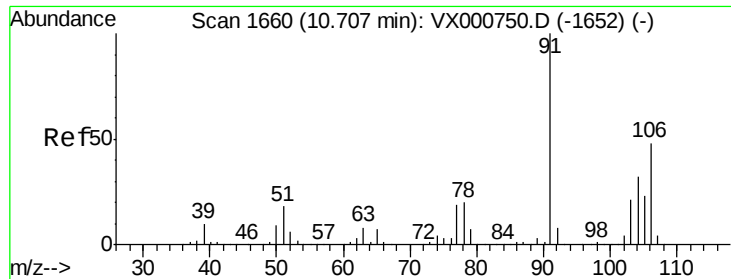
apatel
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#68
m/p-Xylenes
Concen: 93.03 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion: 106 Resp: 589379
Ion Ratio Lower Upper
106 100
91 199.4 159.3 238.9





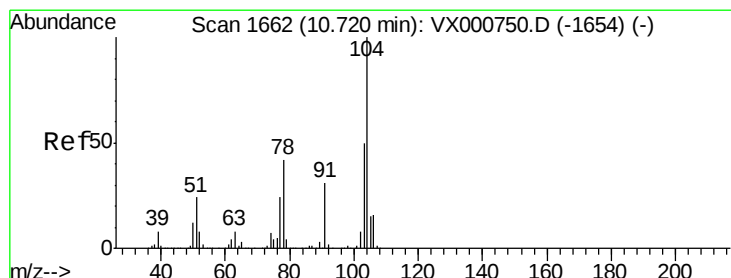
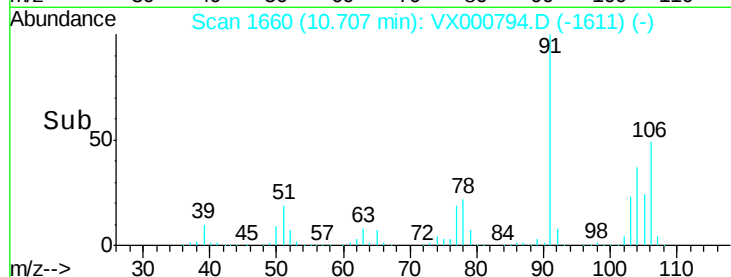
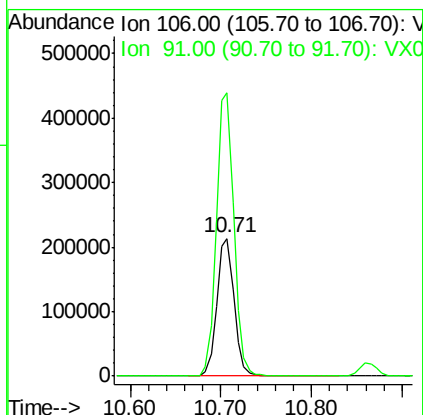
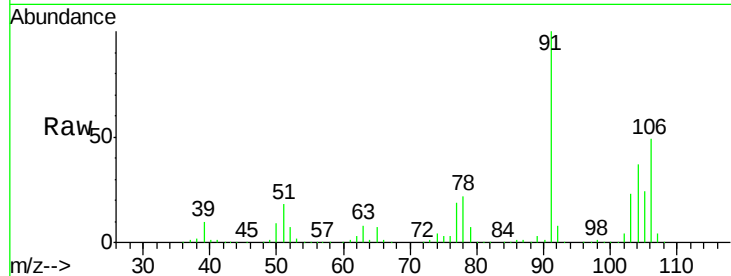
#69
o-Xylene
Concen: 46.57 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 284383
Ion Ratio Lower Upper
106 100
91 209.2 105.0 315.0

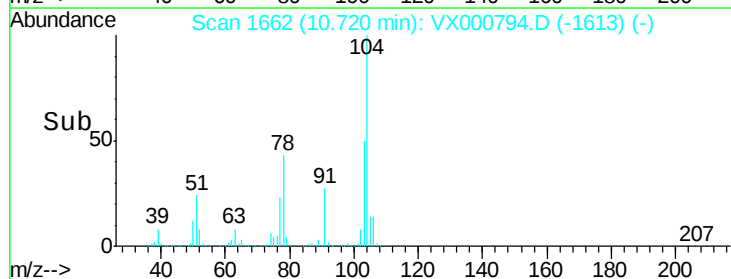
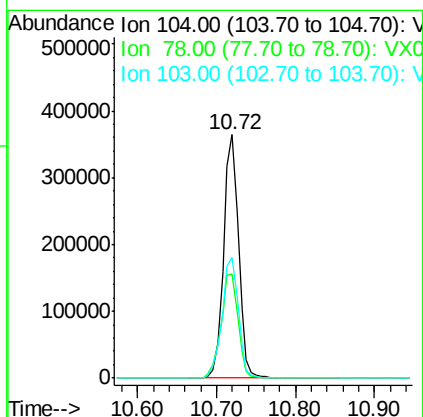
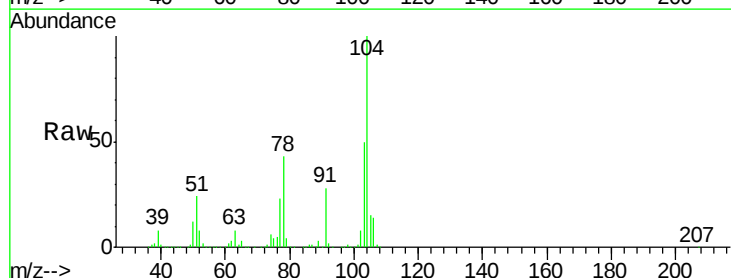
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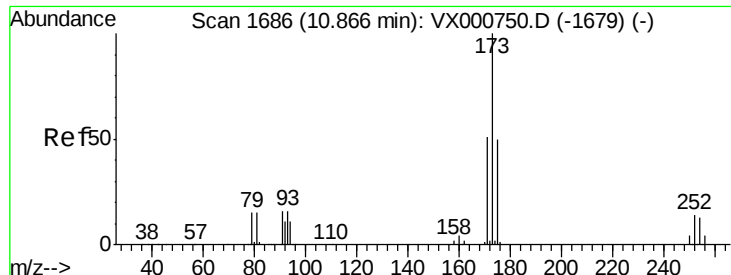
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#70
Styrene
Concen: 46.64 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion:104 Resp: 480168
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 54.9 44.1 66.1





#71

Bromoform

Concen: 46.92 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 157408

Ion Ratio Lower Upper

173 100

175 49.5 24.5 73.5

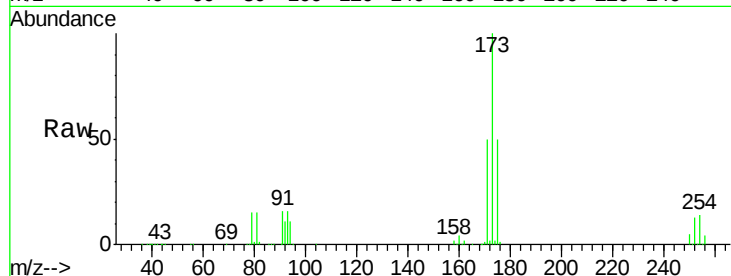
254 0.2 0.2 0.2

Manual Integrations

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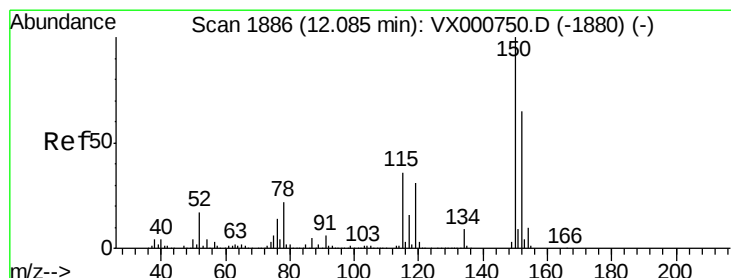
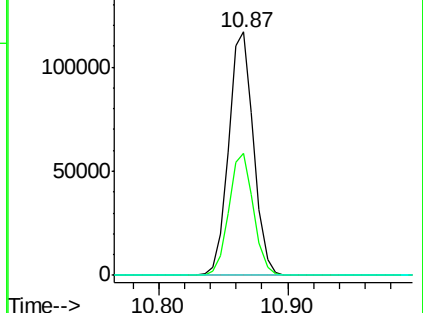
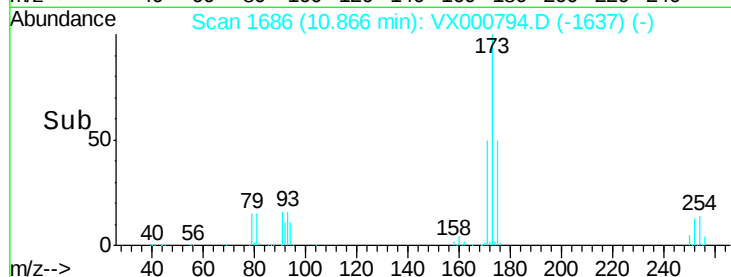
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

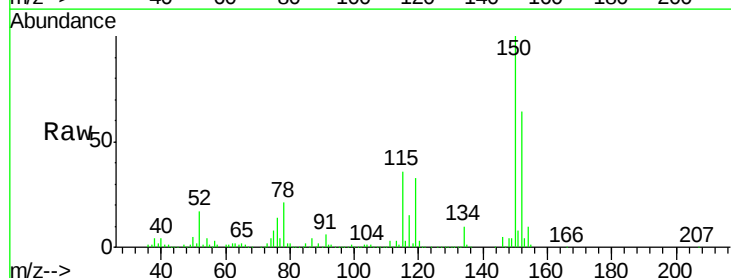
Tgt Ion:152 Resp: 265266

Ion Ratio Lower Upper

152 100

115 73.4 37.9 113.7

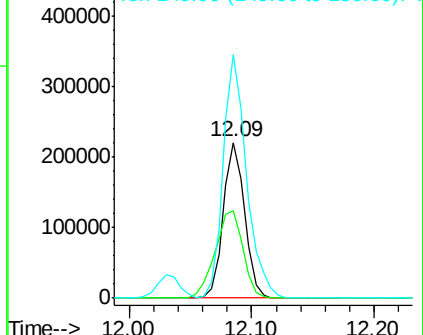
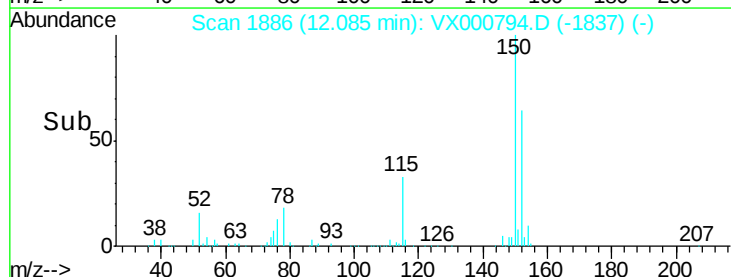
150 172.4 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.23 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 777989

Ion Ratio Lower Upper

105 100

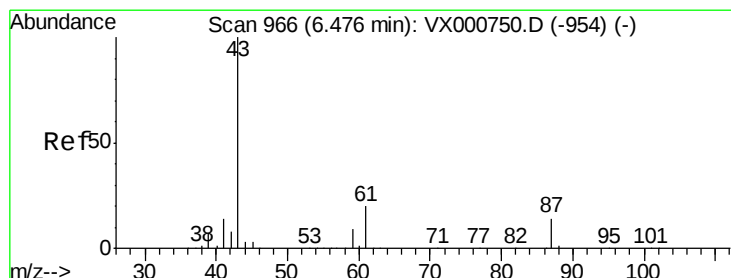
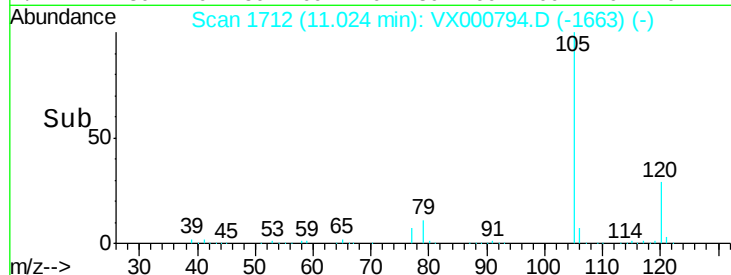
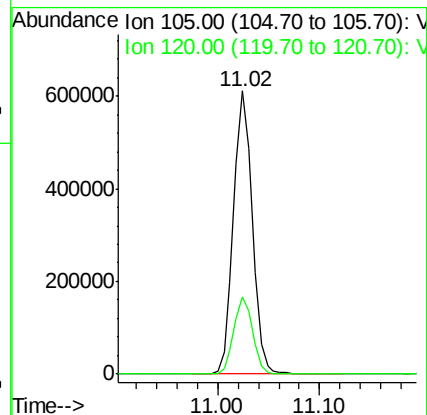
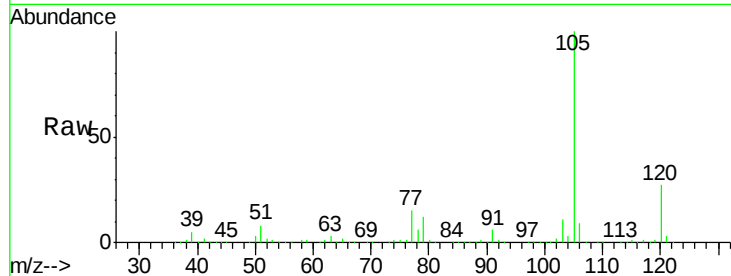
120 27.3 13.7 41.0

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#74

N-ethyl acetate

Concen: 44.14 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion: 43 Resp: 334471

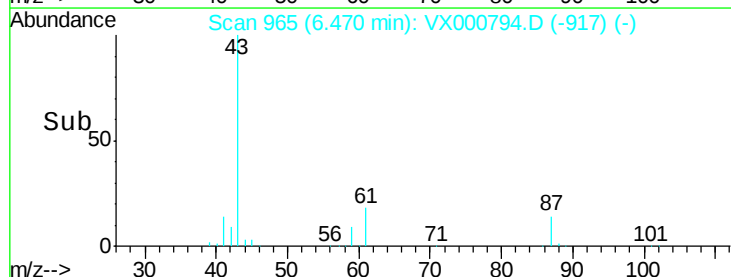
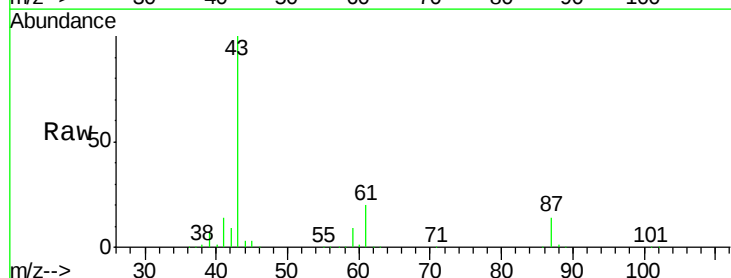
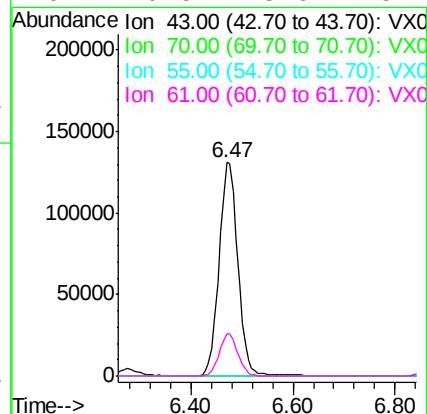
Ion Ratio Lower Upper

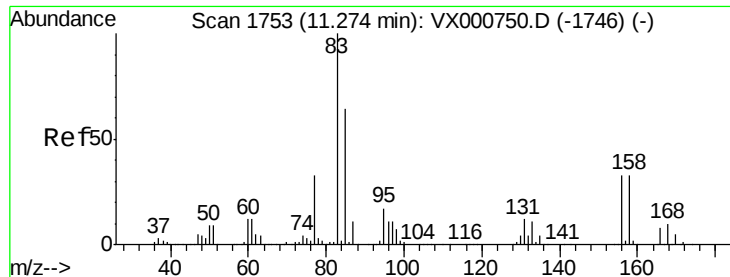
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.5 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 44.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

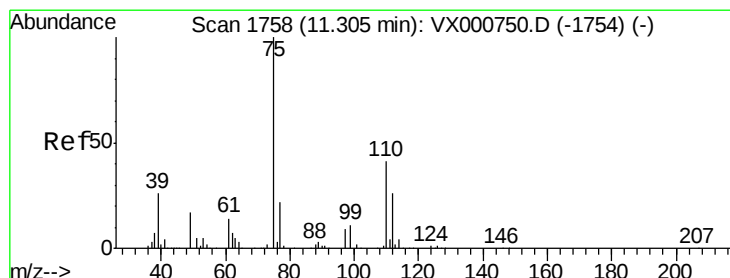
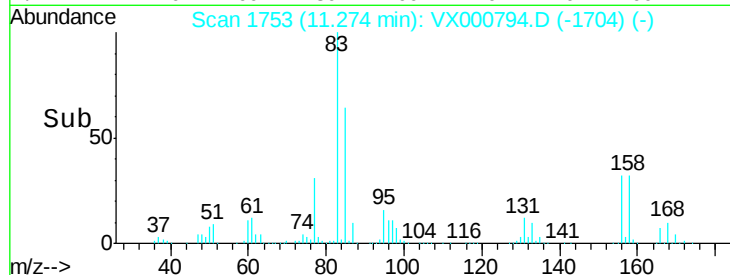
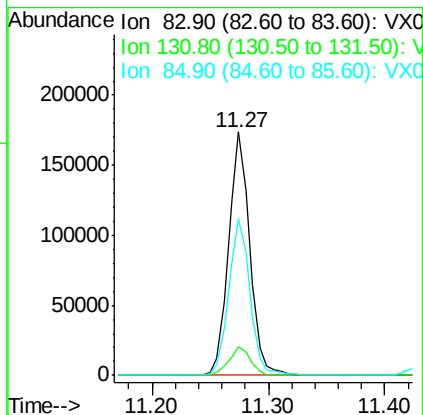
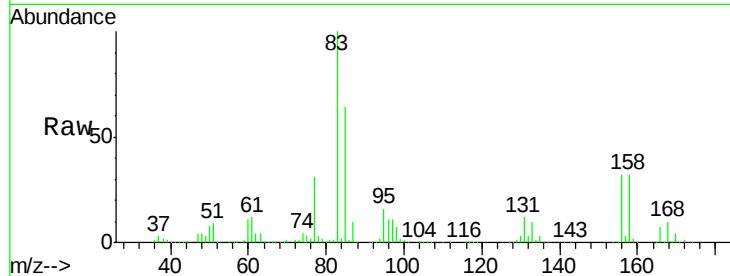
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	218784
Ion Ratio	Lower	Upper	
83	100		
131	11.9	6.0	18.0
85	64.9	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.85 ug/l m

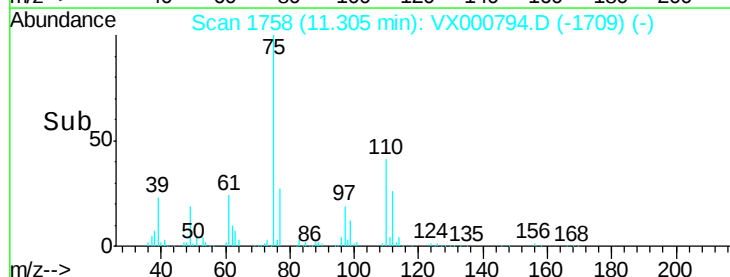
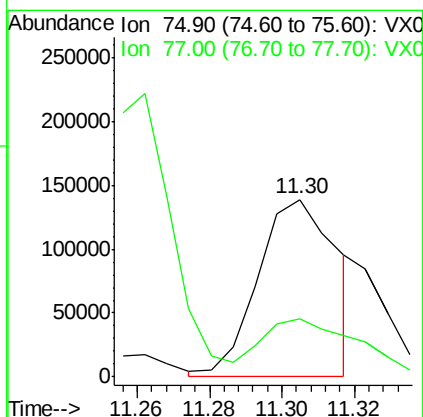
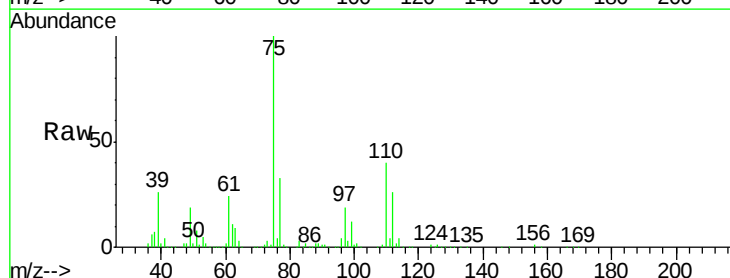
RT: 11.30 min Scan# 1758

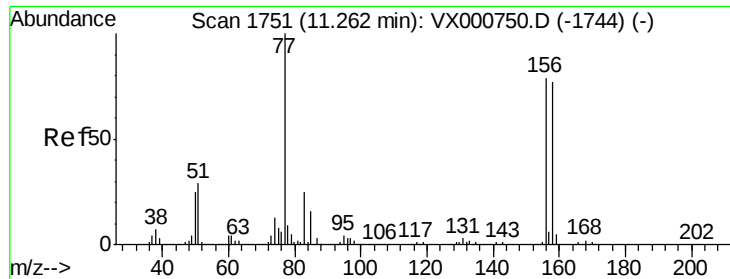
Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion:	75	Resp:	209741
Ion Ratio	Lower	Upper	
75	100		
77	40.3	20.5	61.5





#77

Bromobenzene

Concen: 45.14 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

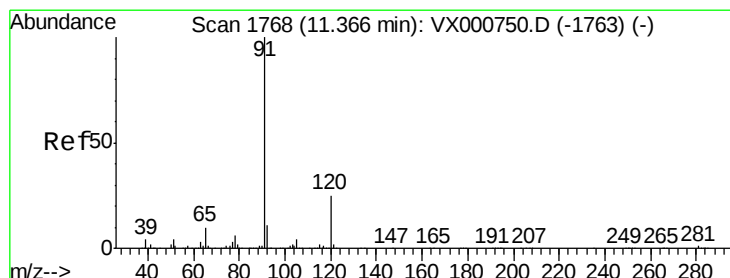
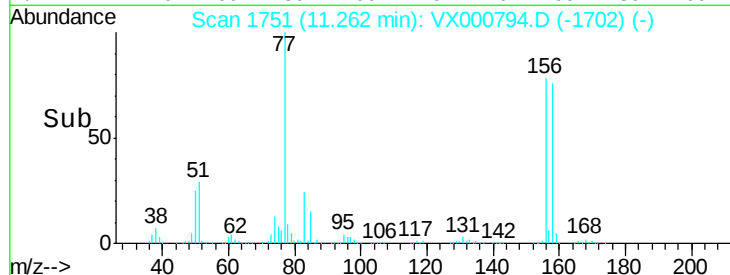
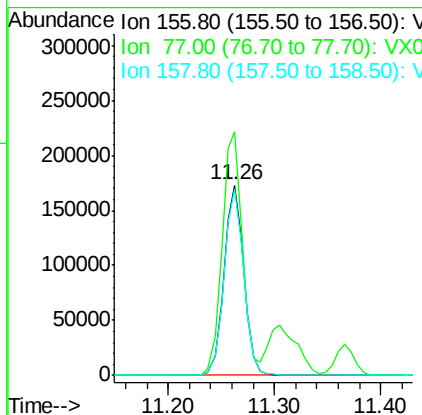
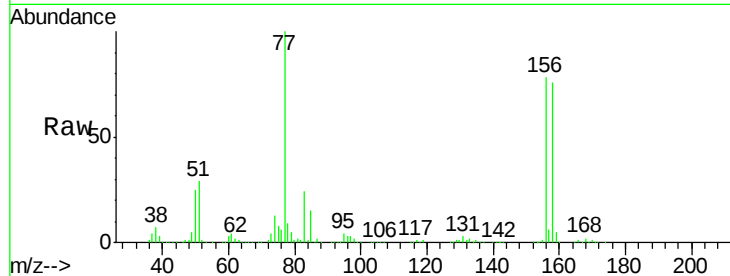
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	222604
Ion Ratio	Lower	Upper	
156	100		
77	132.6	66.0	198.2
158	97.9	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 46.16 ug/l

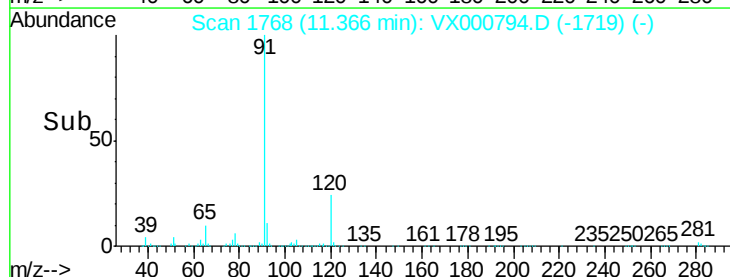
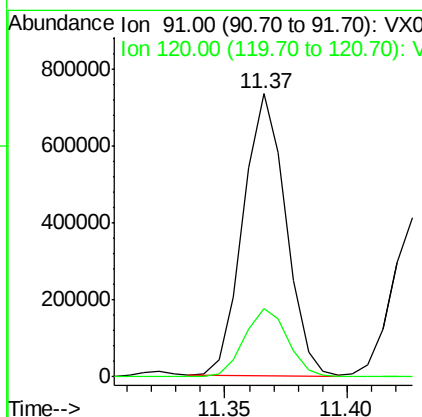
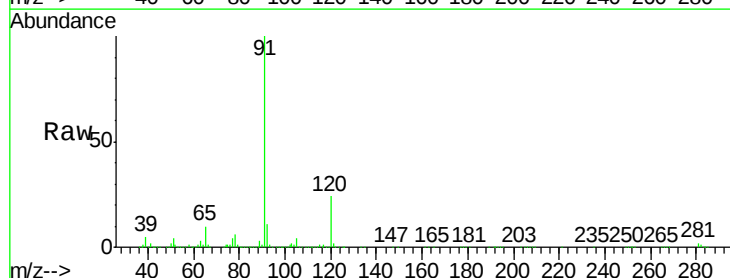
RT: 11.37 min Scan# 1768

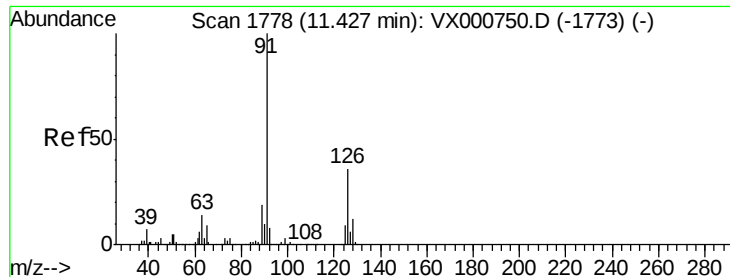
Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion:	91	Resp:	888542
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.6	37.6





#79

2-Chlorotoluene

Concen: 45.23 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 514543

Ion Ratio Lower Upper

91 100

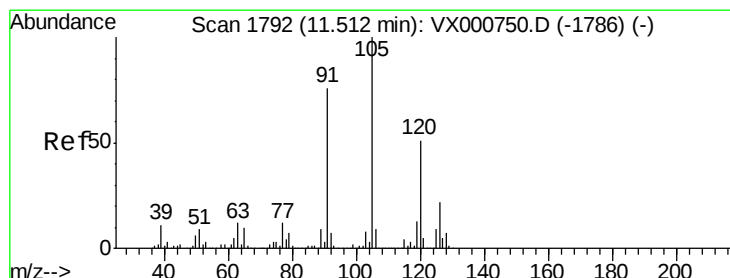
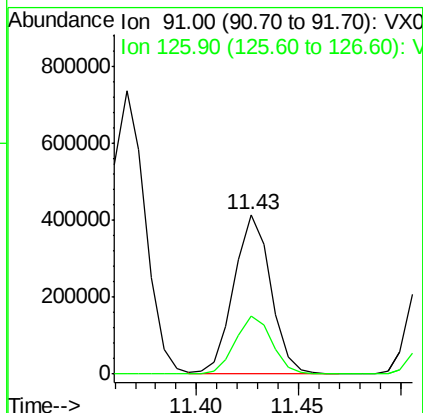
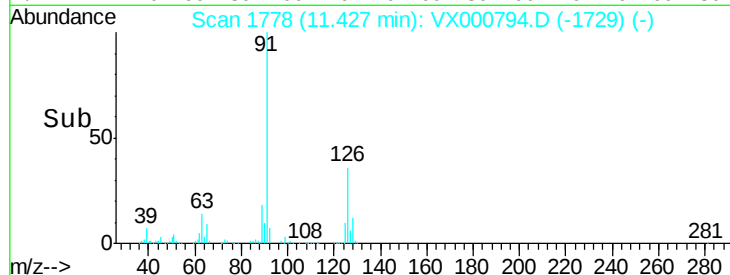
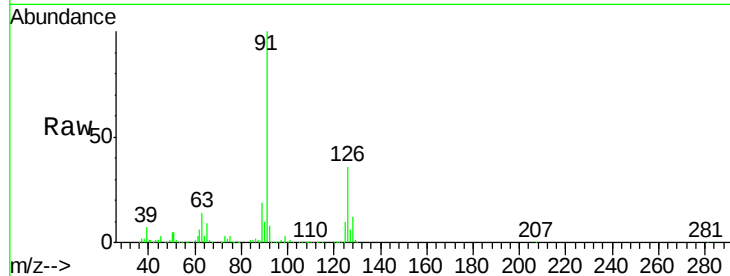
126 36.9 18.3 54.9

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#80

1,3,5-Trimethylbenzene

Concen: 45.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000794.D

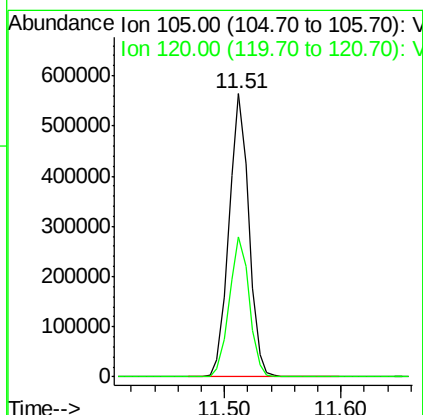
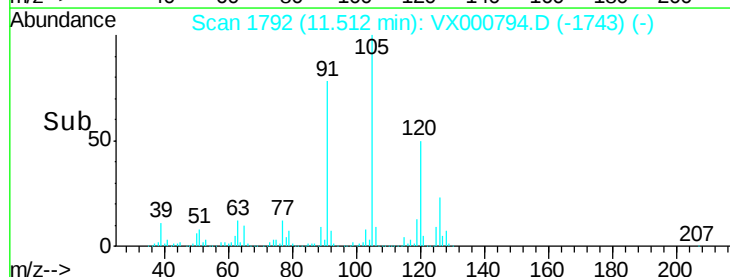
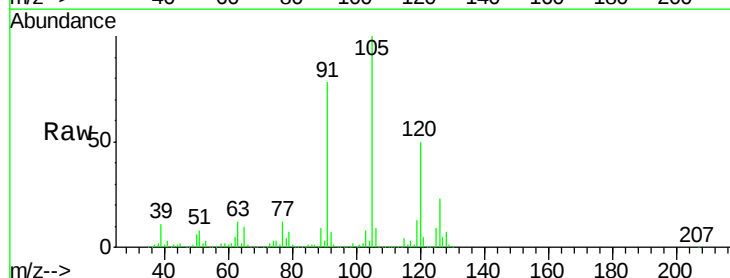
Acq: 12 Apr 2018 11:09

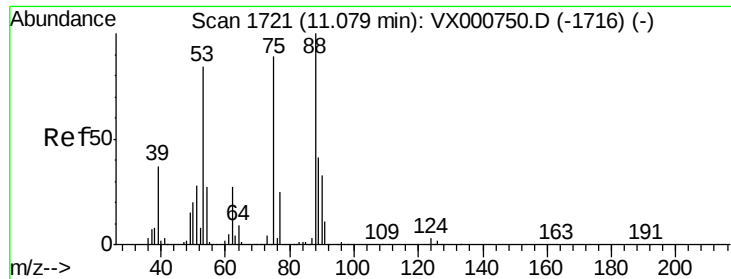
Tgt Ion: 105 Resp: 665360

Ion Ratio Lower Upper

105 100

120 50.1 25.0 75.0





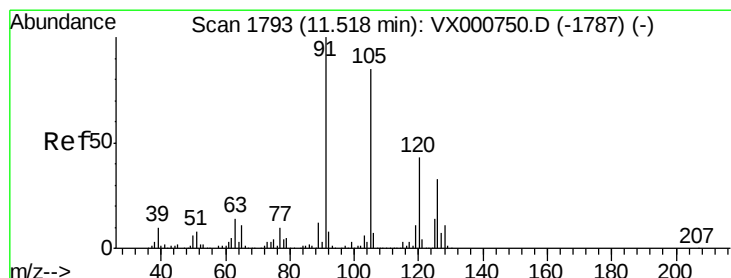
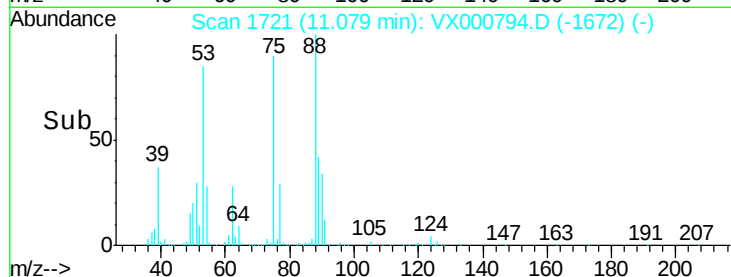
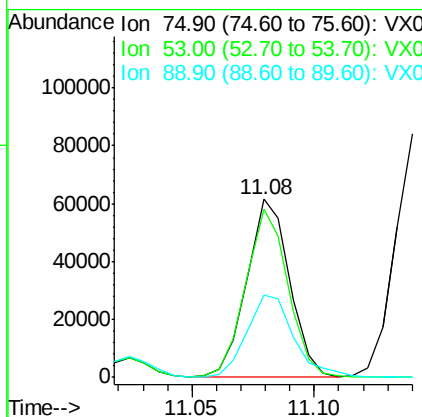
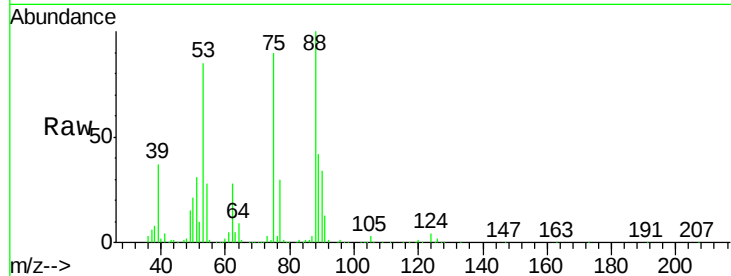
#81
trans-1,4-Dichloro-2-butene
Concen: 44.63 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.8	75.4	113.0
89	51.5	40.9	61.3

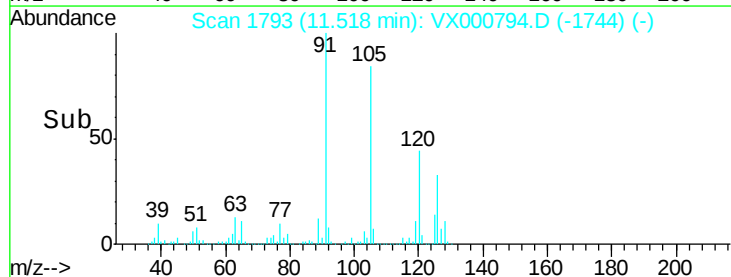
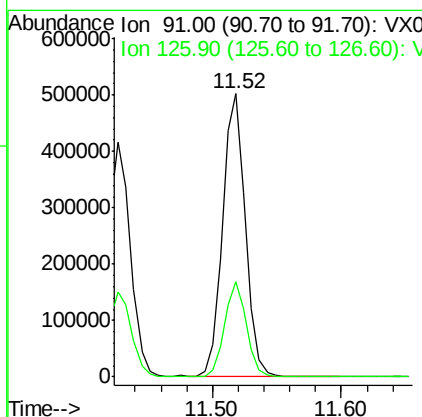
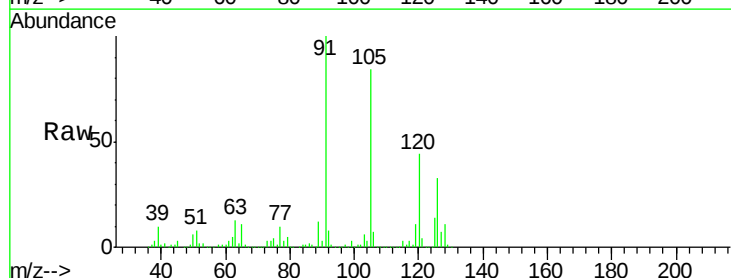
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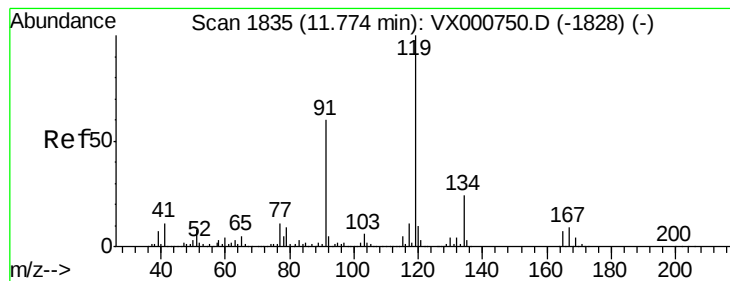
apatel
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#82
4-Chlorotoluene
Concen: 45.46 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.6





#83

tert-Butylbenzene

Concen: 46.20 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

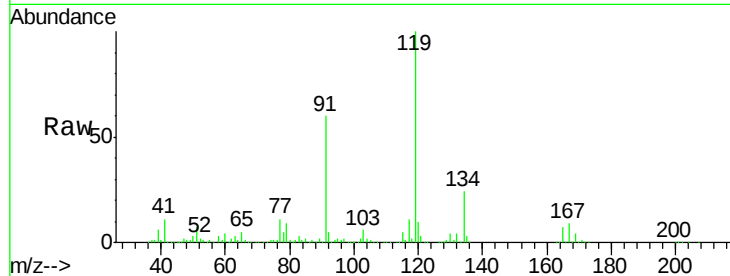
ClientSampleId :

VSTDCCC050

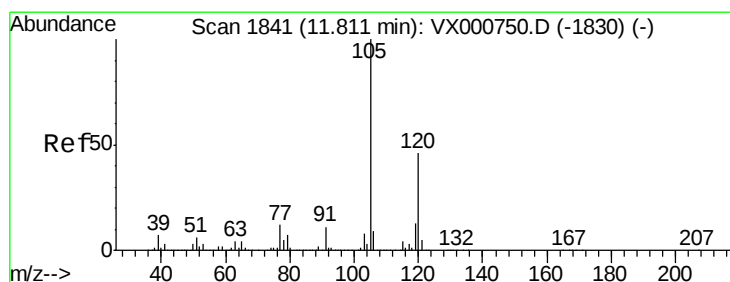
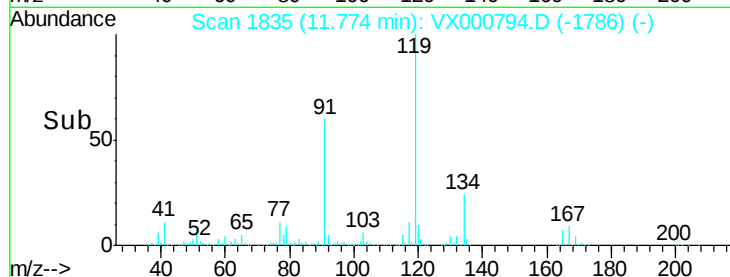
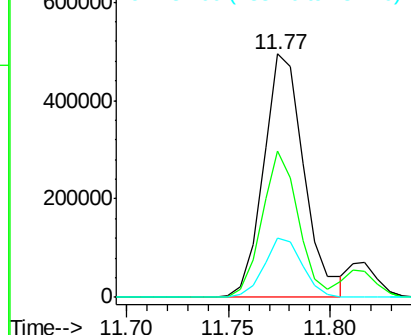
Tot Ion:	119	Resp:	684123
Ion Ratio	Lower	Upper	
119	100		
91	53.8	26.8	80.3
134	23.1	11.5	34.4

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



#84

1,2,4-Trimethylbenzene

Concen: 45.78 ug/l

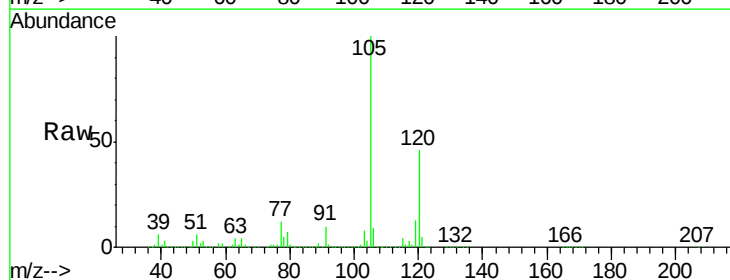
RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

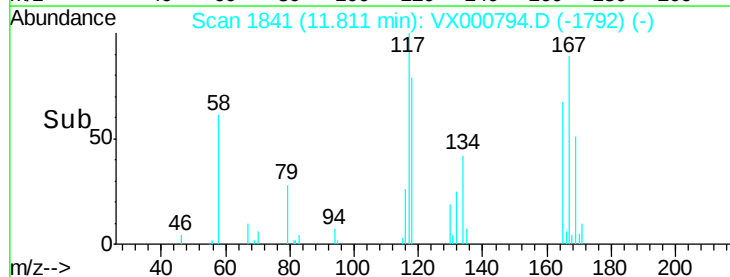
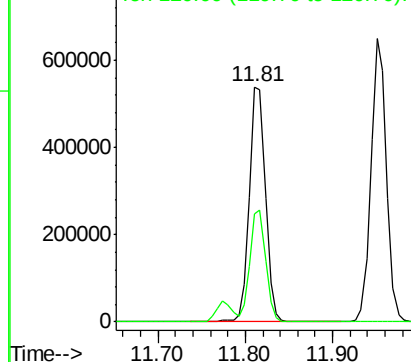
Lab File: VX000794.D

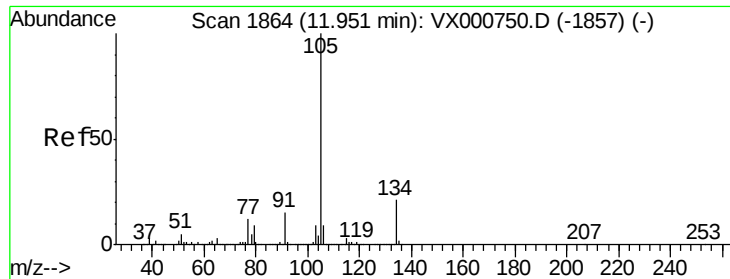
Acq: 12 Apr 2018 11:09

Tgt Ion:	105	Resp:	683984
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.3



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





#85

sec-Butylbenzene

Concen: 46.18 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 806635

Ion Ratio Lower Upper

105 100

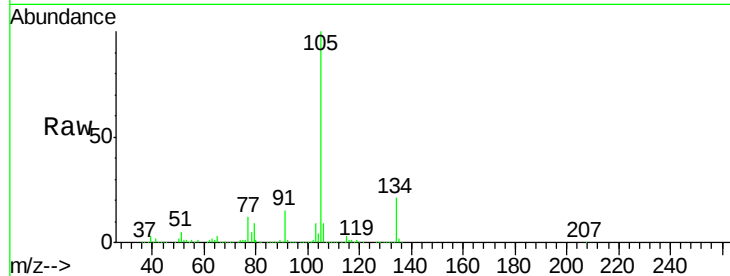
134 21.7 10.8 32.4

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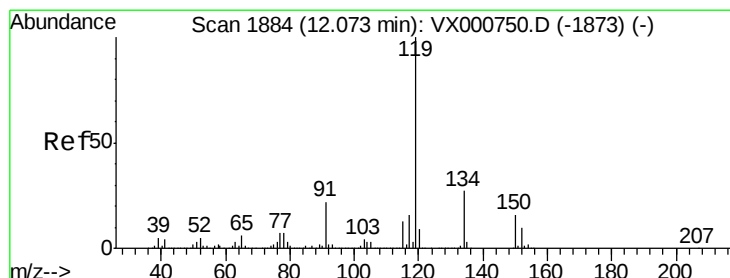
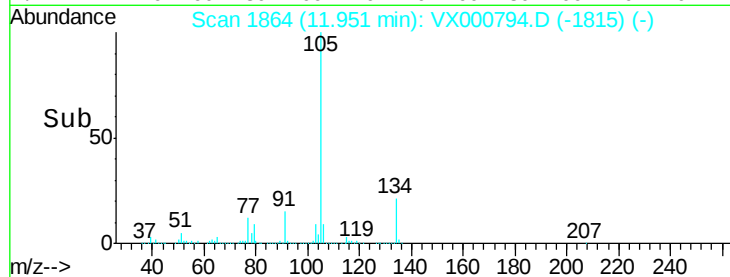
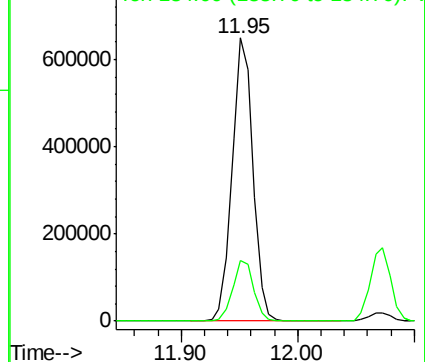
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.32 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

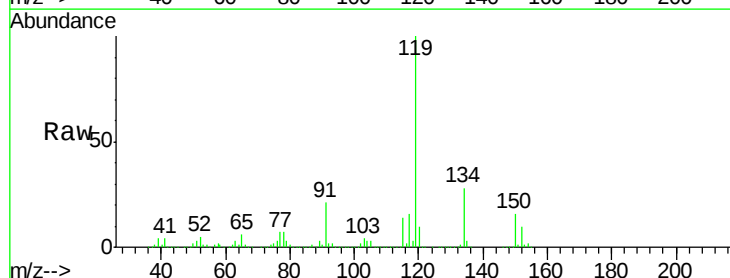
Tgt Ion:119 Resp: 754503

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.7

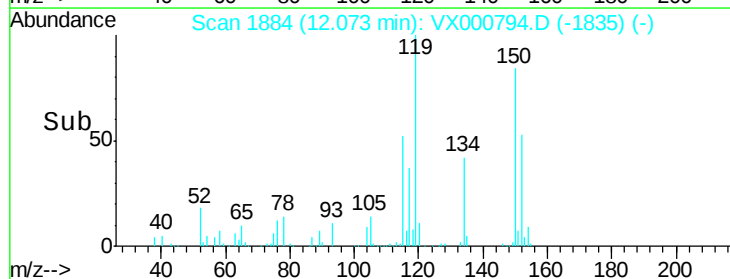
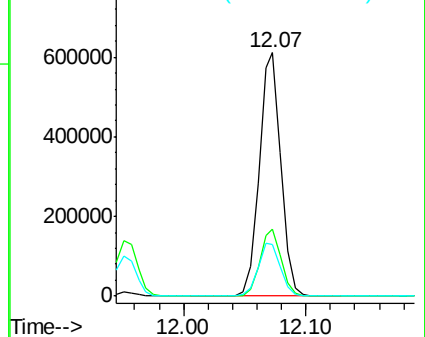
91 22.4 11.2 33.5

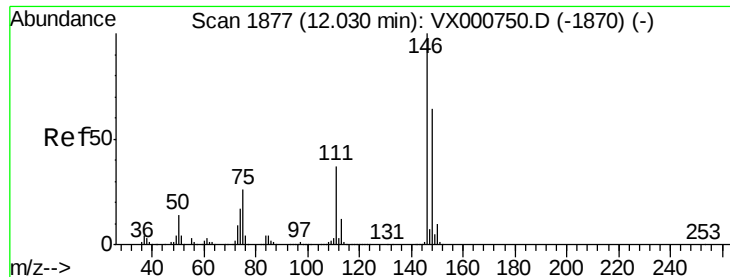


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





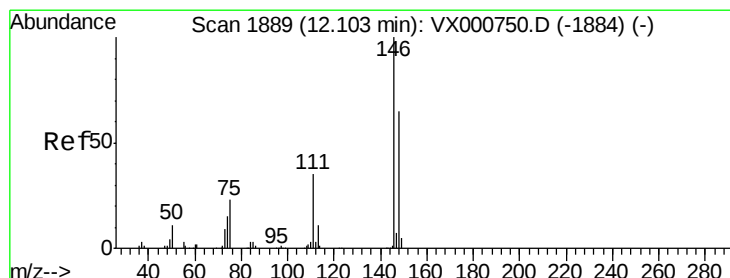
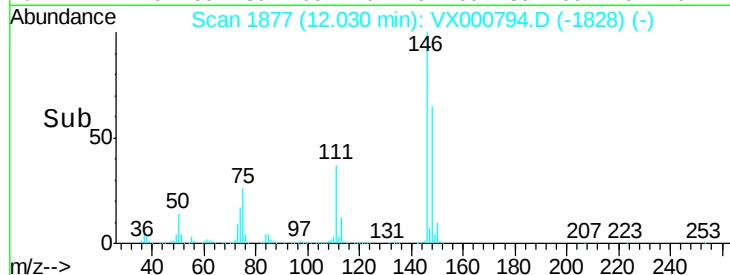
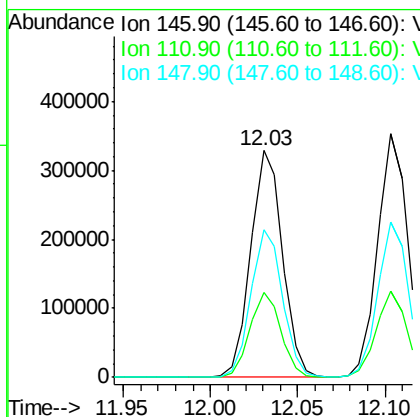
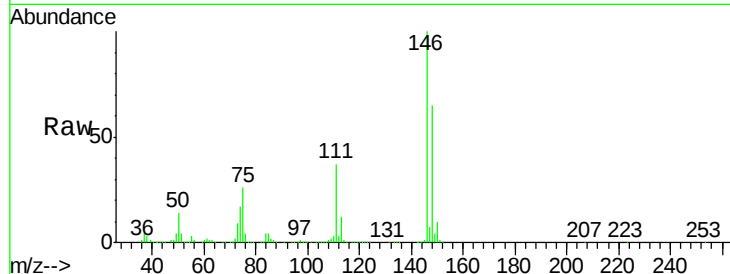
#87
 1,3-Dichlorobenzene
 Concen: 45.55 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.3	54.8
148	64.8	32.2	96.6

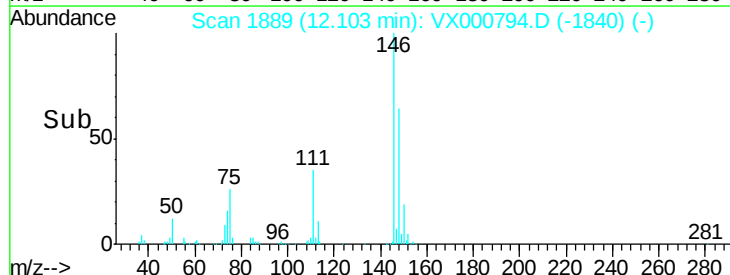
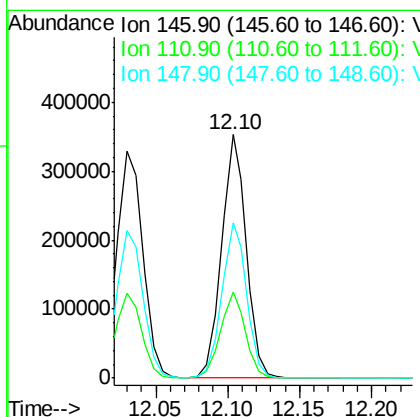
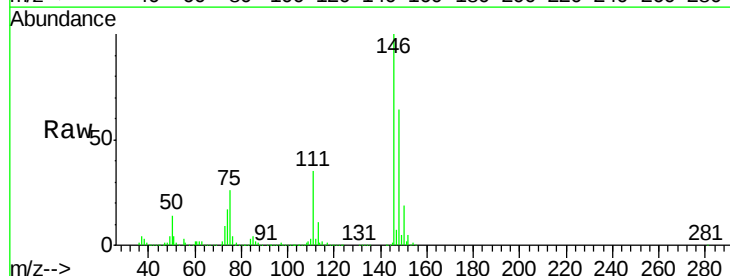
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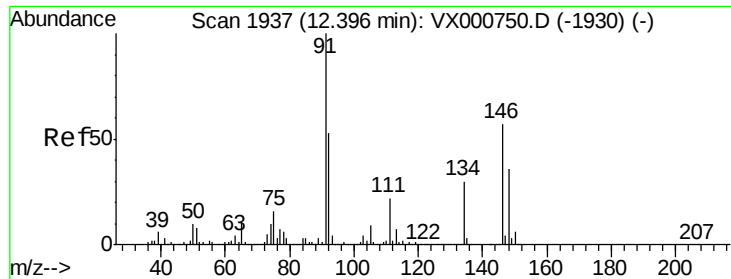
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#88
 1,4-Dichlorobenzene
 Concen: 45.26 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.9	53.8
148	64.6	32.6	97.7





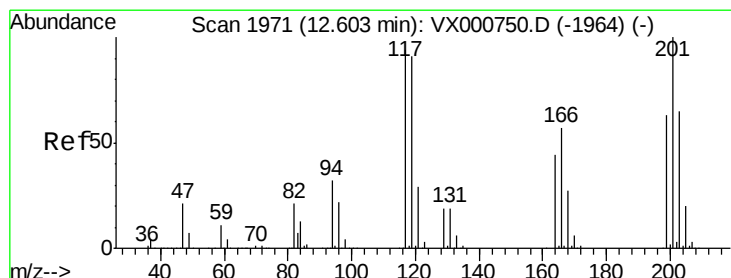
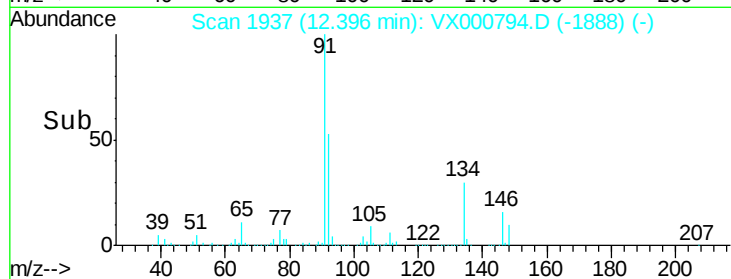
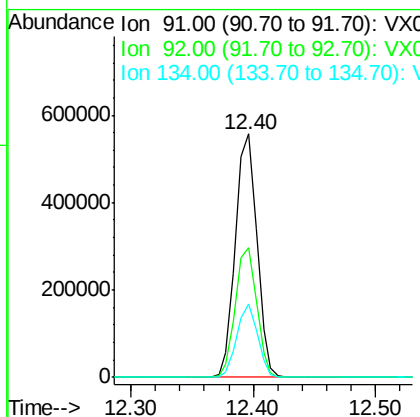
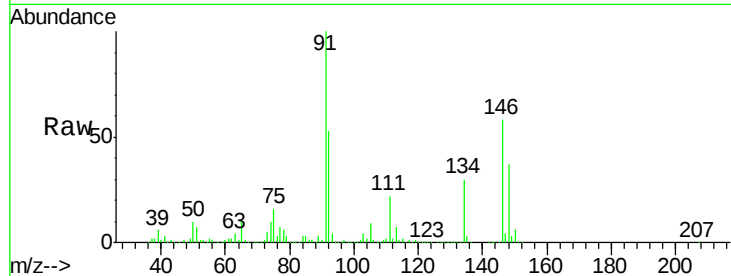
#89
n-Butylbenzene
Concen: 46.86 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	673647		
92	53.3		26.5	79.5
134	29.0		14.5	43.5

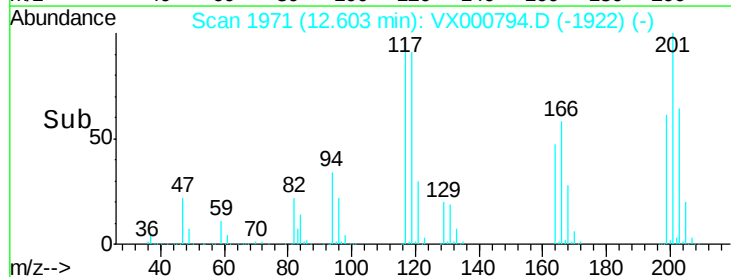
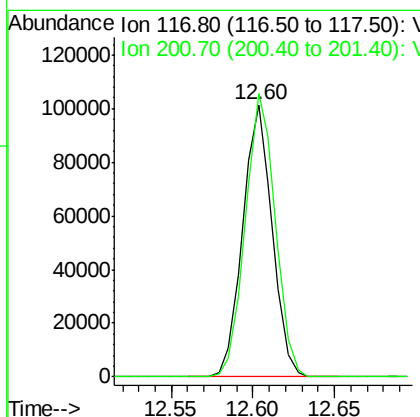
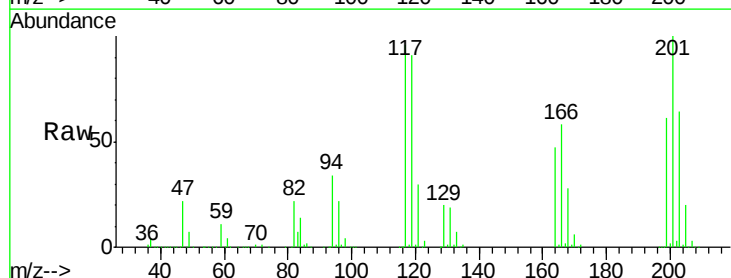
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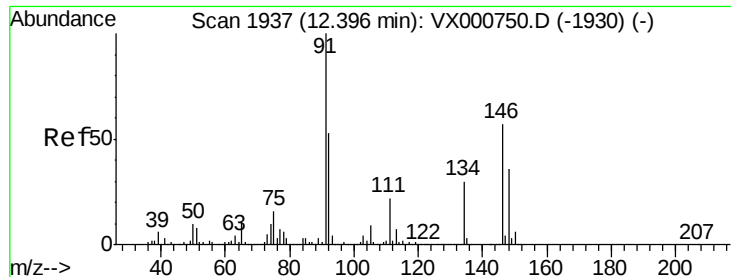
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#90
Hexachloroethane
Concen: 46.28 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000794.D
Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	127562		
201	105.9		52.9	158.7





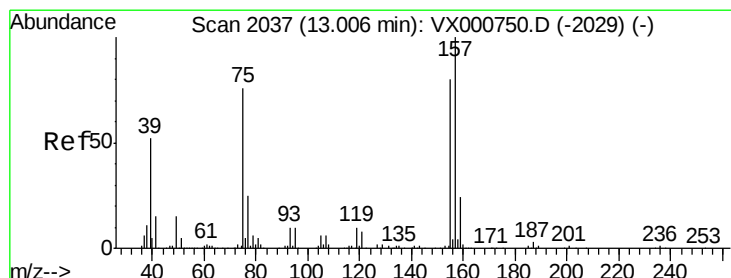
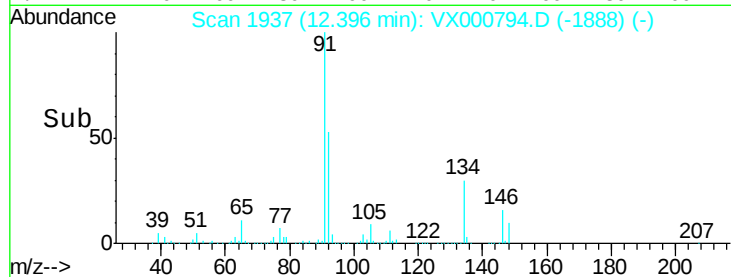
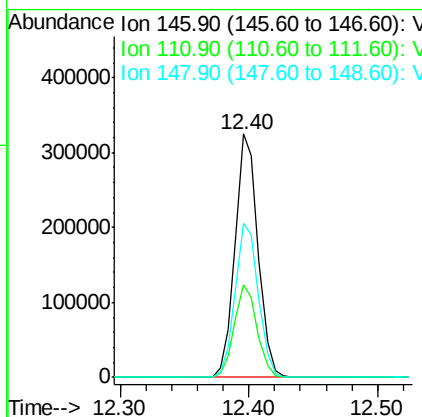
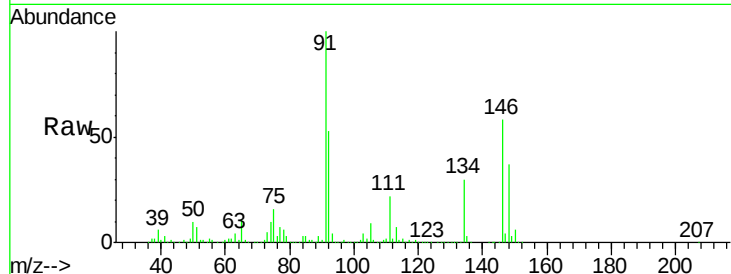
#91
 1,2-Dichlorobenzene
 Concen: 45.86 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	64.3	32.0	96.2

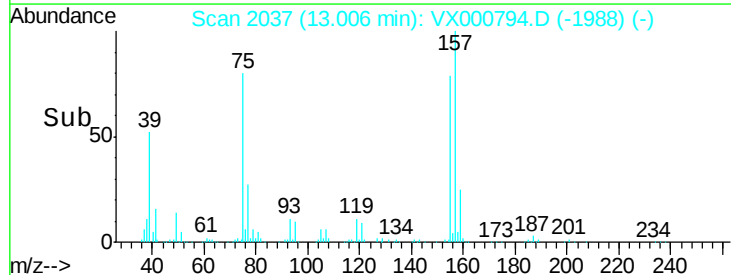
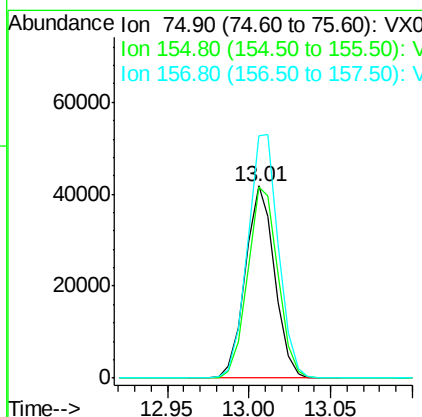
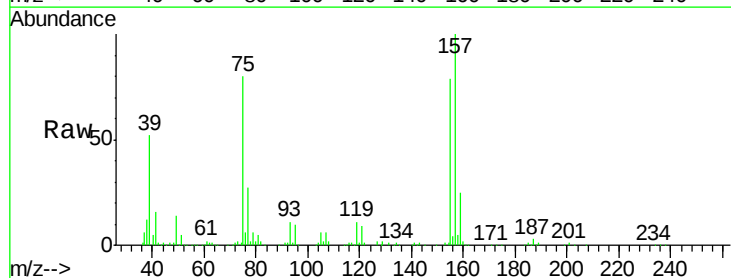
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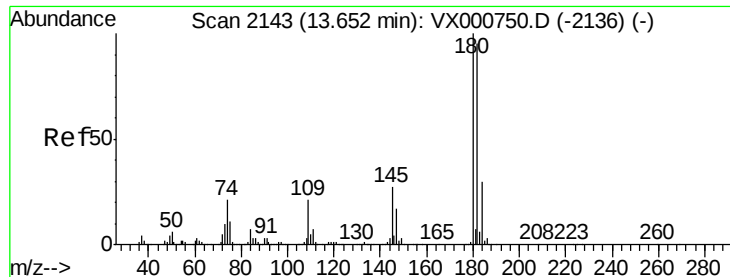
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.74 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.5	51.9	155.8
157	133.1	66.6	199.8





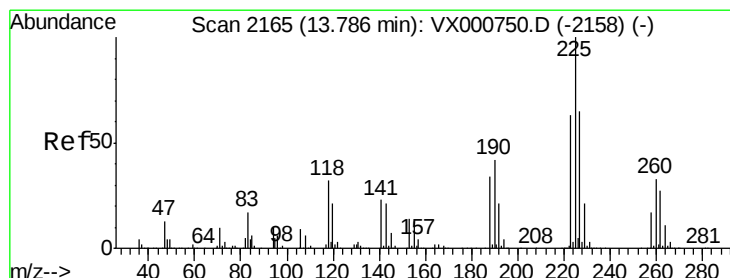
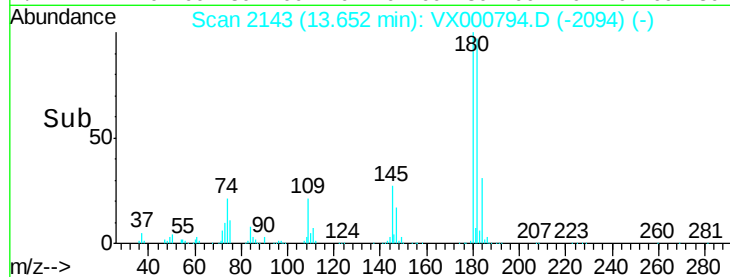
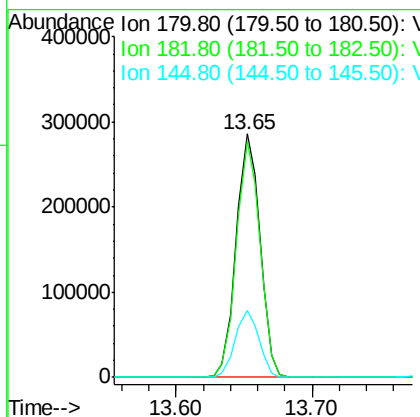
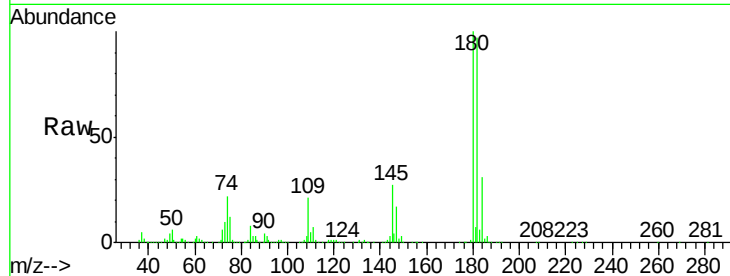
#93
 1,2,4-Trichlorobenzene
 Concen: 46.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	47.5	142.5	
145	27.4	13.8	41.4	

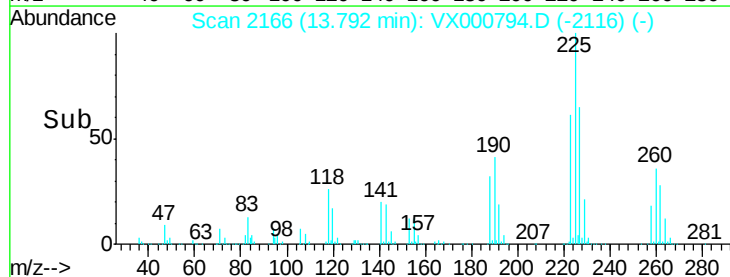
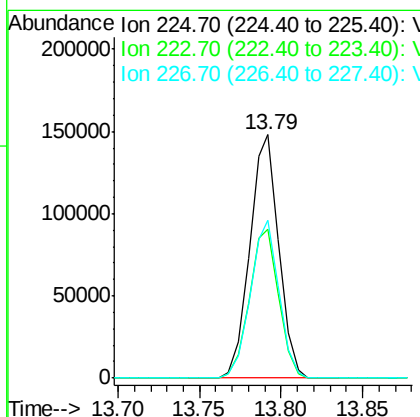
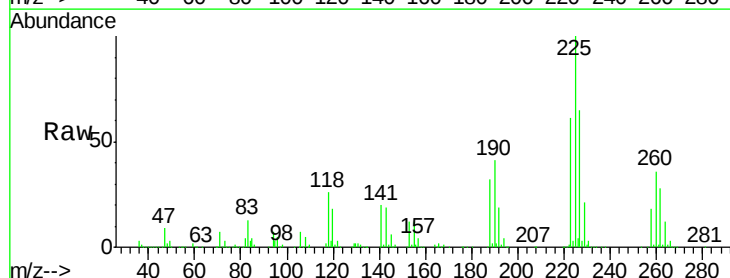
Manual Integrations
 APPROVED

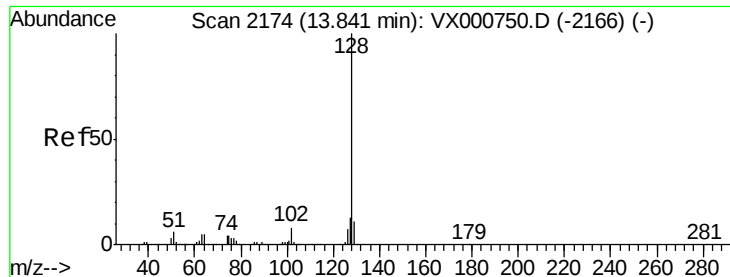
apatel
 4/13/2018 2:57:40 PM



#94
 Hexachlorobutadiene
 Concen: 49.31 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000794.D
 Acq: 12 Apr 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	31.2	93.6	
227	64.0	32.3	96.9	





#95

Naphthalene

Concen: 46.02 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Instrument :

MSVOA_X

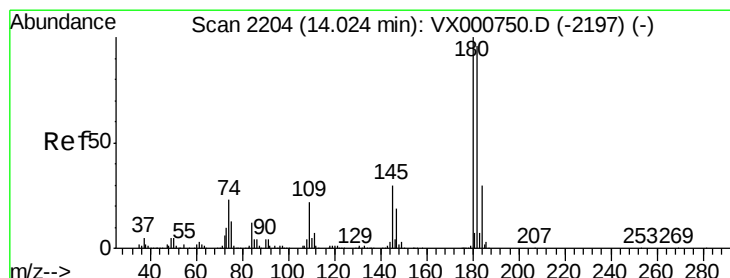
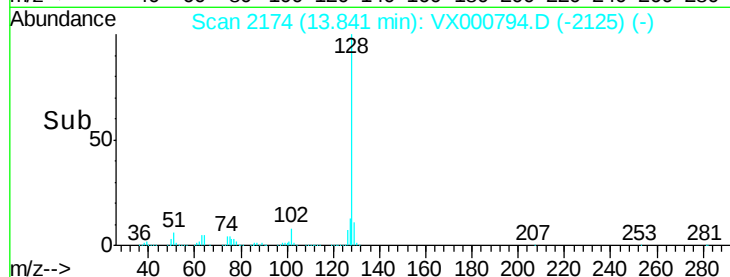
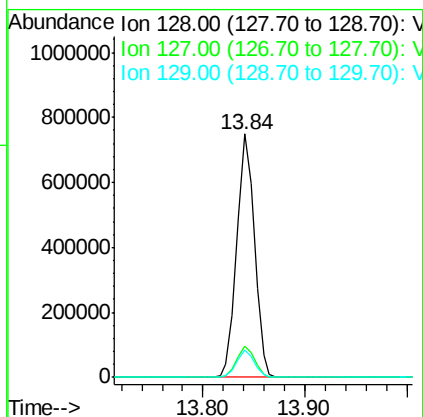
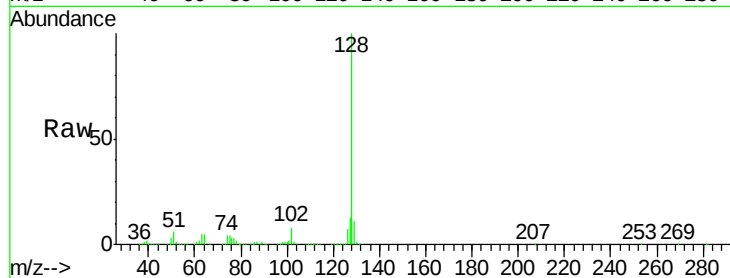
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	888289
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 46.63 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000794.D

Acq: 12 Apr 2018 11:09

Tgt Ion:	180	Resp:	340547
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.4	145.2
145	29.1	14.6	43.8

